

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028013.D
 Acq On : 07 Apr 2022 16:03
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 07 16:56:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 15:36:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	79682	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	129699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	6587	4.861	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.720%#		
35) Dibromofluoromethane	5.385	113	4358	4.834	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.660%#		
50) Toluene-d8	8.647	98	16620	5.216	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.440%#		
62) 4-Bromofluorobenzene	11.079	95	7008	5.270	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	10.540%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	5219	4.328	ug/l	96
3) Chloromethane	1.288	50	4558	4.599	ug/l	94
4) Vinyl Chloride	1.374	62	4519	4.624	ug/l	98
5) Bromomethane	1.599	94	2790	6.119	ug/l	95
6) Chloroethane	1.679	64	2808	4.281	ug/l	# 85
7) Trichlorofluoromethane	1.886	101	7345	4.453	ug/l	93
8) Diethyl Ether	2.130	74	2411	4.365	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	4285	4.436	ug/l	95
10) Methyl Iodide	2.447	142	3512	3.103	ug/l	# 86
11) Tert butyl alcohol	2.965	59	5139	23.042	ug/l	97
12) 1,1-Dichloroethene	2.319	96	3998	4.347	ug/l	87
13) Acrolein	2.233	56	5018	23.216	ug/l	96
14) Allyl chloride	2.666	41	6914	4.670	ug/l	# 85
15) Acrylonitrile	3.056	53	12343	22.984	ug/l	99
16) Acetone	2.374	43	13429	26.213	ug/l	# 85
17) Carbon Disulfide	2.508	76	10464	4.555	ug/l	99
18) Methyl Acetate	2.697	43	6143	4.697	ug/l	# 86
19) Methyl tert-butyl Ether	3.111	73	14205	4.613	ug/l	98
20) Methylene Chloride	2.788	84	4613	4.492	ug/l	# 78
21) trans-1,2-Dichloroethene	3.087	96	4429	4.889	ug/l	87
22) Diisopropyl ether	3.757	45	13864	4.548	ug/l	# 76
23) Vinyl Acetate	3.721	43	58383	21.740	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	7793	4.432	ug/l	97
25) 2-Butanone	4.556	43	18519	22.186	ug/l	89
26) 2,2-Dichloropropane	4.471	77	6205	4.321	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	4957	4.646	ug/l	93
28) Bromochloromethane	4.897	49	3295	4.387	ug/l	# 88
29) Tetrahydrofuran	5.007	42	11502	21.441	ug/l	# 83
30) Chloroform	5.093	83	8532	4.427	ug/l	99
31) Cyclohexane	5.471	56	7235	4.576	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	7392	4.389	ug/l	95
36) 1,1-Dichloropropene	5.696	75	6182	4.653	ug/l	98
37) Ethyl Acetate	4.715	43	7180	4.583	ug/l	# 92
38) Carbon Tetrachloride	5.672	117	6655	4.743	ug/l	90
39) Methylcyclohexane	7.385	83	7256	4.783	ug/l	96
40) Benzene	6.037	78	17204	4.663	ug/l	95

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

Quant Time: Apr 07 16:56:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 15:36:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	3463	4.146	ug/l	90
42) 1,2-Dichloroethane	6.086	62	7591	4.759	ug/l	91
43) Isopropyl Acetate	6.342	43	10203	4.295	ug/l #	89
44) Trichloroethene	7.129	130	4646	4.677	ug/l	92
45) 1,2-Dichloropropane	7.434	63	4408	4.819	ug/l	89
46) Dibromomethane	7.580	93	3276	4.423	ug/l	93
47) Bromodichloromethane	7.818	83	6114	4.537	ug/l #	98
48) Methyl methacrylate	7.690	41	5294	4.466	ug/l #	75
49) 1,4-Dioxane	7.665	88	2020	87.155	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	34997	22.689	ug/l #	85
52) Toluene	8.720	92	10763	4.628	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	5437	3.999	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	6325	4.348	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	4245	4.531	ug/l	92
56) Ethyl methacrylate	9.116	69	6356	4.306	ug/l #	69
57) 1,3-Dichloropropane	9.311	76	7433	4.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	14771	20.805	ug/l	94
59) 2-Hexanone	9.433	43	27823	22.668	ug/l	82
60) Dibromochloromethane	9.525	129	4004	4.206	ug/l	97
61) 1,2-Dibromoethane	9.610	107	4826	4.734	ug/l	92
64) Tetrachloroethene	9.275	164	4439	5.138	ug/l	94
65) Chlorobenzene	10.079	112	11482	4.650	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.165	131	3942	4.362	ug/l	99
67) Ethyl Benzene	10.195	91	21803	4.805	ug/l	95
68) m/p-Xylenes	10.299	106	16163	9.577	ug/l	91
69) o-Xylene	10.640	106	7880	4.731	ug/l	88
70) Styrene	10.659	104	13143	4.789	ug/l	94
71) Bromoform	10.799	173	2632	3.925	ug/l #	97
73) Isopropylbenzene	10.963	105	21626	4.780	ug/l	98
74) N-amyl acetate	10.842	43	8180	3.978	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	6837	4.363	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	6414m	4.352	ug/l	
77) Bromobenzene	11.201	156	5008	4.720	ug/l	90
78) n-propylbenzene	11.305	91	25077	4.615	ug/l	97
79) 2-Chlorotoluene	11.366	91	15827	4.715	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	17526	4.461	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	1438	3.500	ug/l #	63
82) 4-Chlorotoluene	11.457	91	18249	4.646	ug/l	96
83) tert-Butylbenzene	11.713	119	17191	4.756	ug/l	86
84) 1,2,4-Trimethylbenzene	11.750	105	17940	4.589	ug/l	95
85) sec-Butylbenzene	11.890	105	21204	4.615	ug/l	100
86) p-Isopropyltoluene	12.012	119	17628	4.636	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	9316	4.691	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	10035	4.949	ug/l	92
89) n-Butylbenzene	12.335	91	15611	4.541	ug/l	93
90) Hexachloroethane	12.542	117	2355	4.068	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	9346	4.833	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1565	3.955	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	5520	4.720	ug/l	96
94) Hexachlorobutadiene	13.731	225	2758	5.163	ug/l	97
95) Naphthalene	13.780	128	18147	4.461	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	5439	4.708	ug/l	99

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

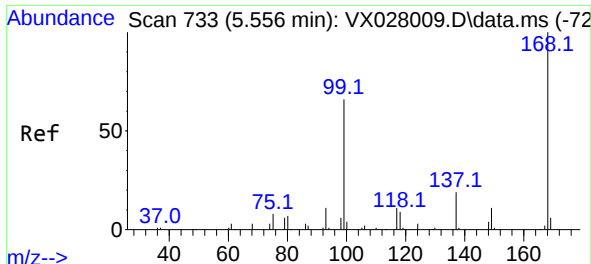
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

Quant Time: Apr 07 16:56:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 07 15:36:43 2022
Response via : Initial Calibration

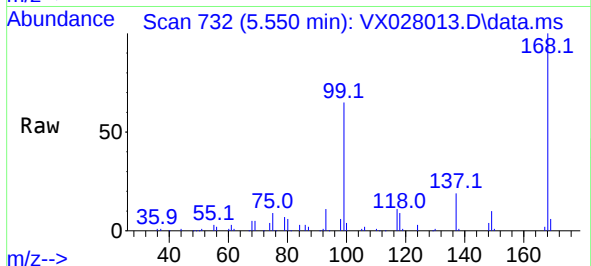
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

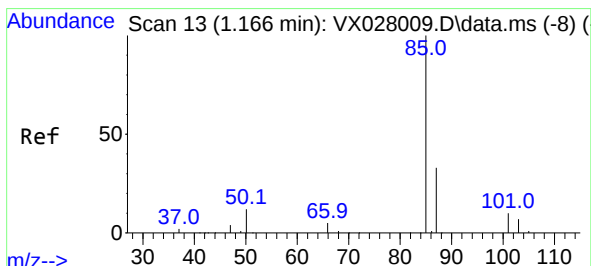
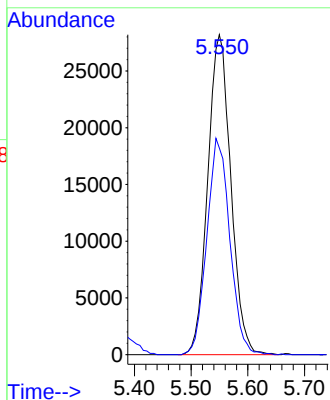
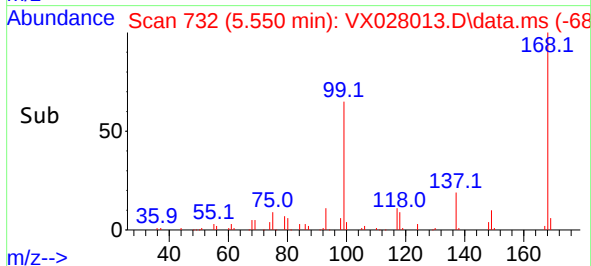
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 7968
Ion Ratio Lower Upper
168 100
99 64.6 41.7 62.5

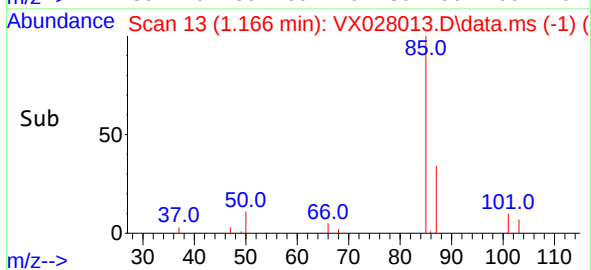
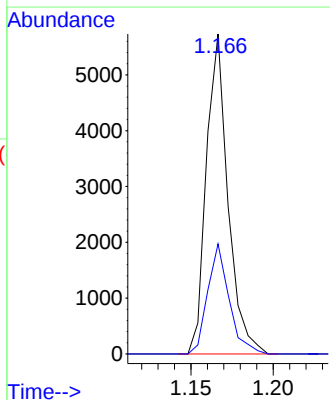
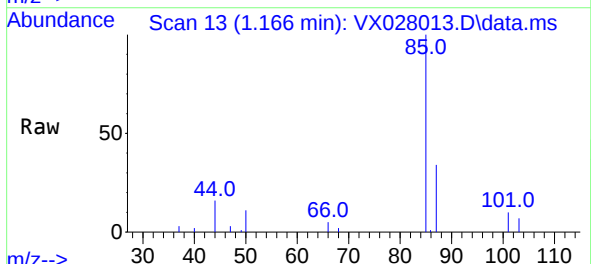
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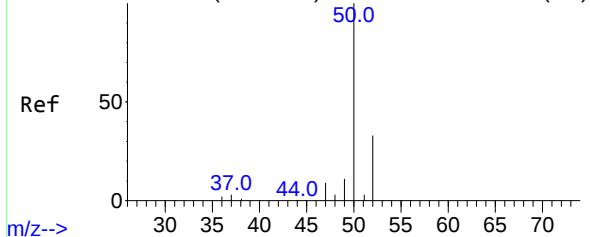


#2
Dichlorodifluoromethane
Concen: 4.328 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion: 85 Resp: 5219
Ion Ratio Lower Upper
85 100
87 34.4 16.2 48.6



Abundance Scan 33 (1.288 min): VX028009.D\data.ms (-29)



#3

Chloromethane

Concen: 4.599 ug/l

RT: 1.288 min Scan# 33

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 50 Resp: 4558

Ion Ratio Lower Upper

50 100

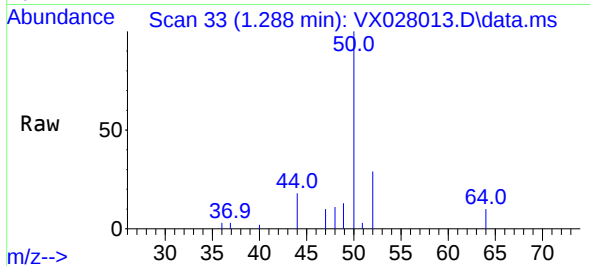
52 29.5 26.4 39.6

Manual Integrations

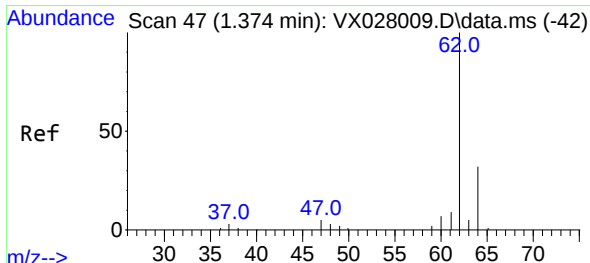
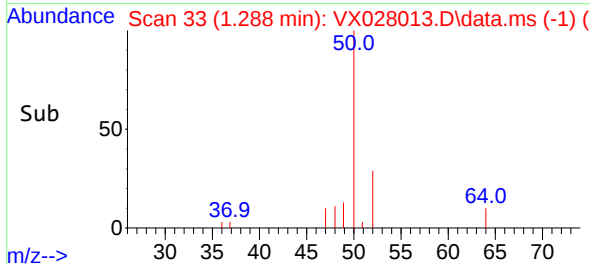
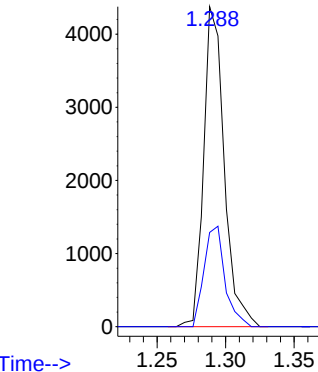
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Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



Abundance



#4

Vinyl Chloride

Concen: 4.624 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX028013.D

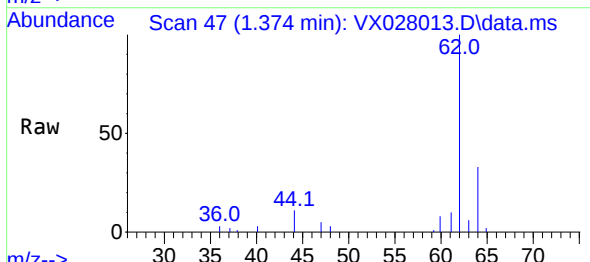
Acq: 07 Apr 2022 16:03

Tgt Ion: 62 Resp: 4519

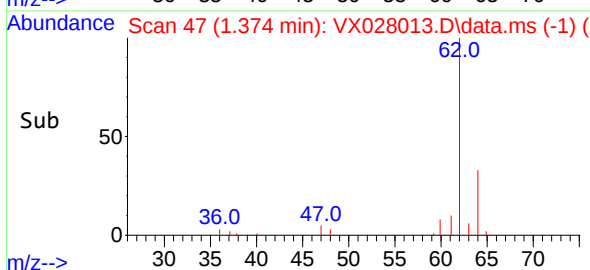
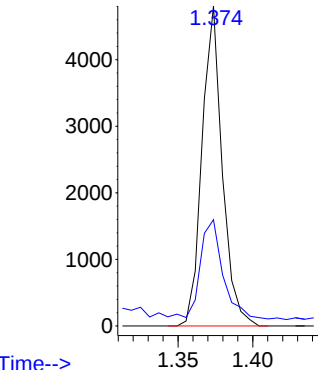
Ion Ratio Lower Upper

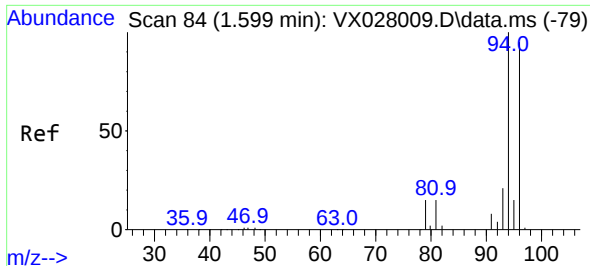
62 100

64 31.0 25.5 38.3



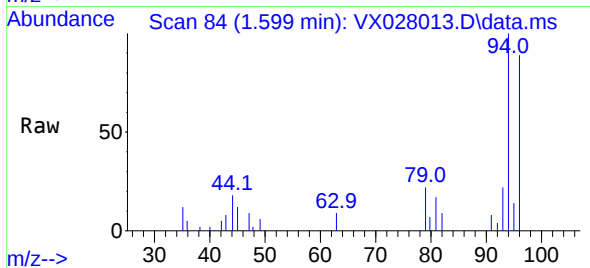
Abundance





#5
Bromomethane
Concen: 6.119 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

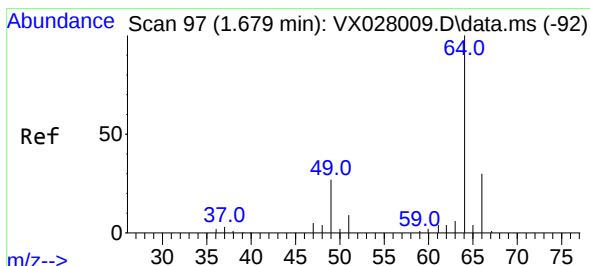
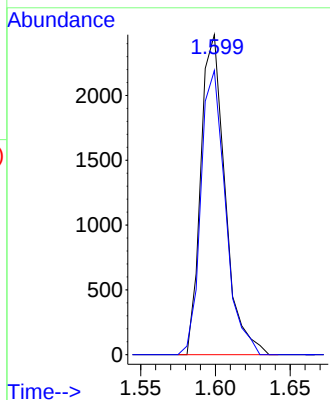
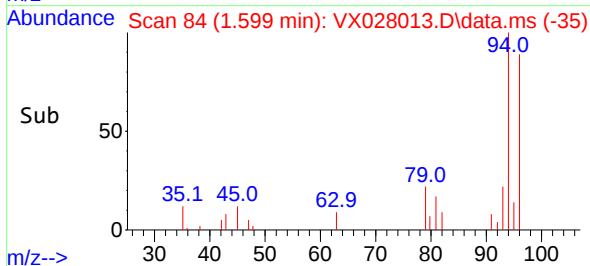
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 2790
Ion Ratio Lower Upper
94 100
96 88.8 75.3 112.9

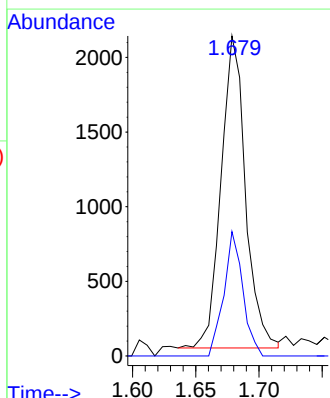
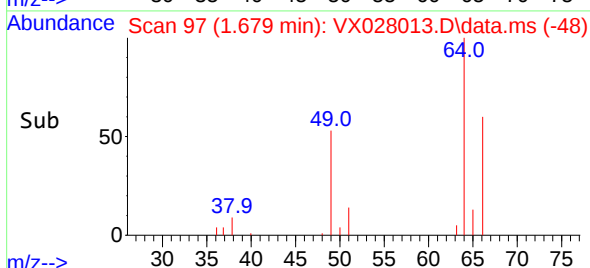
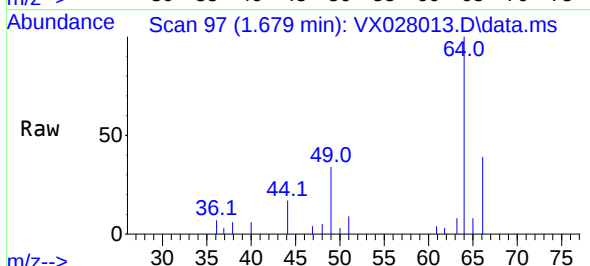
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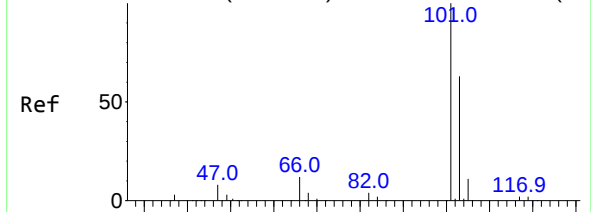


#6
Chloroethane
Concen: 4.281 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion: 64 Resp: 2808
Ion Ratio Lower Upper
64 100
66 39.9 25.3 37.9



Abundance Scan 131 (1.886 min): VX028009.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 4.453 ug/l

RT: 1.886 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:101 Resp: 734

Ion Ratio Lower Upper

101 100

103 68.5 50.5 75.7

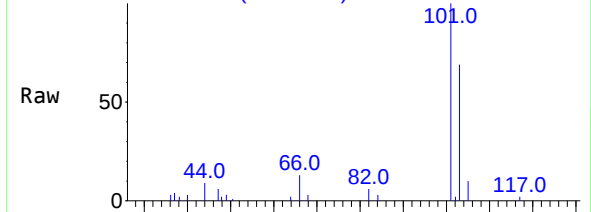
Manual Integrations

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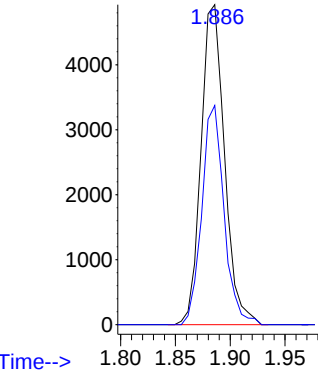
Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022

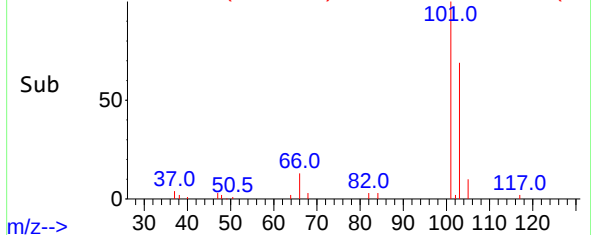
Abundance Scan 131 (1.886 min): VX028013.D\data.ms



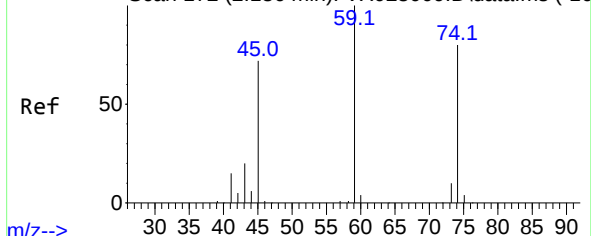
Abundance



Abundance Scan 131 (1.886 min): VX028013.D\data.ms (-82



Abundance Scan 172 (2.136 min): VX028009.D\data.ms (-16



#8

Diethyl Ether

Concen: 4.365 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.006 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

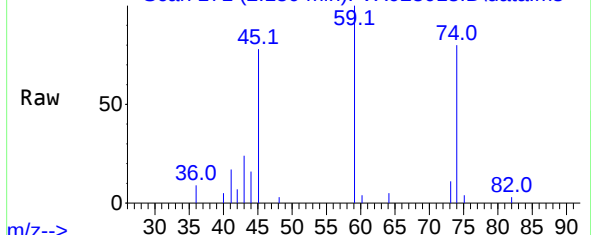
Tgt Ion: 74 Resp: 2411

Ion Ratio Lower Upper

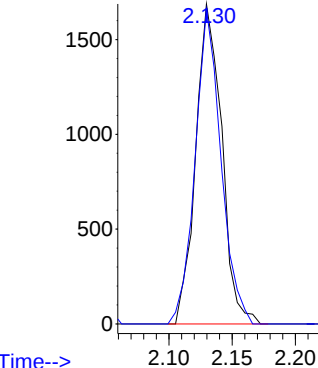
74 100

45 97.8 42.0 126.0

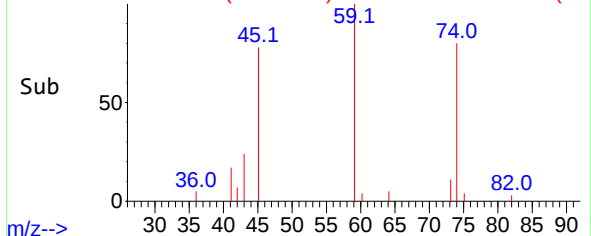
Abundance Scan 171 (2.130 min): VX028013.D\data.ms

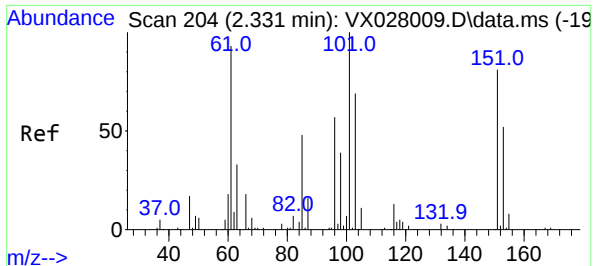


Abundance



Abundance Scan 171 (2.130 min): VX028013.D\data.ms (-12





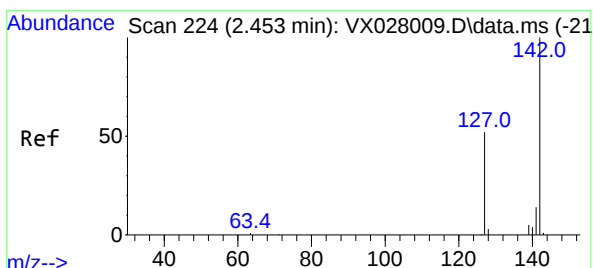
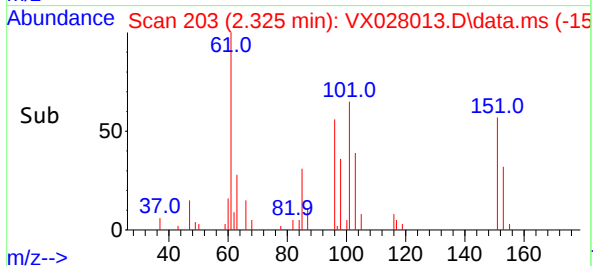
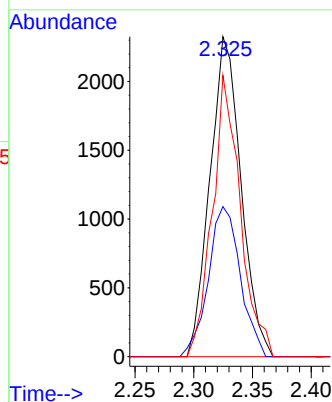
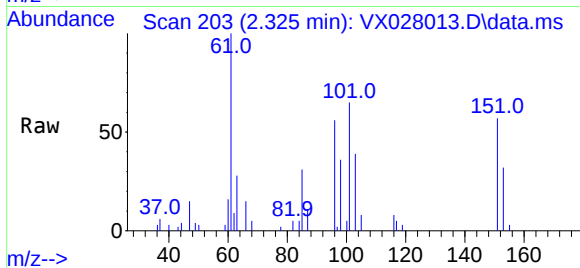
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.436 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 428
Ion Ratio Lower Upper
101 100
85 48.2 33.5 50.3
151 79.0 61.8 92.6

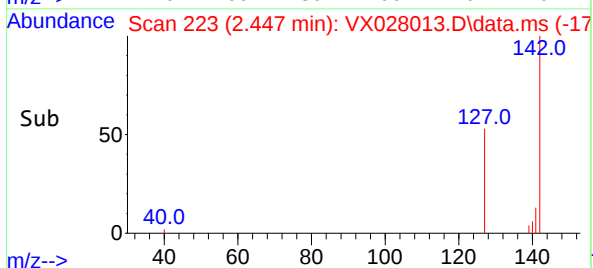
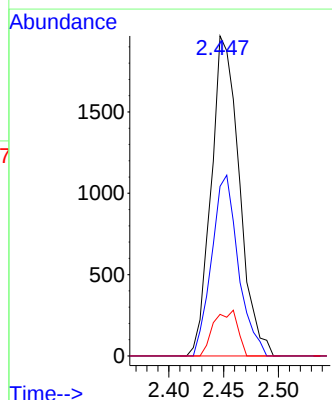
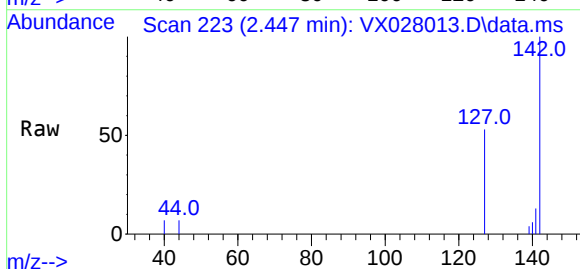
Manual Integrations
APPROVED

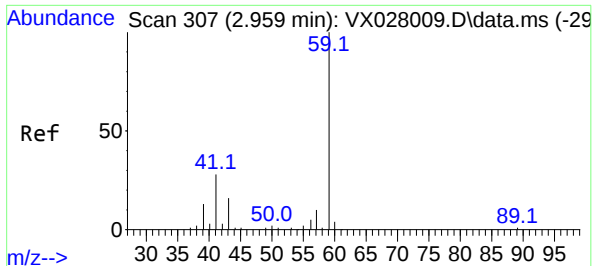
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#10
Methyl Iodide
Concen: 3.103 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion:142 Resp: 3512
Ion Ratio Lower Upper
142 100
127 53.5 33.9 50.9#
141 12.2 11.4 17.2





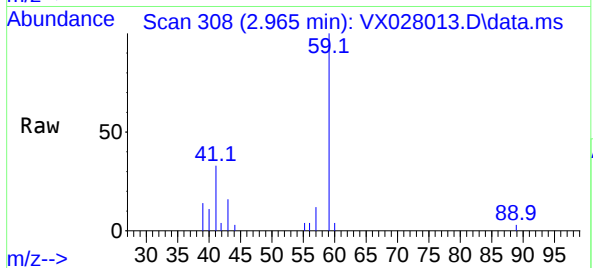
#11
Tert butyl alcohol
Concen: 23.042 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



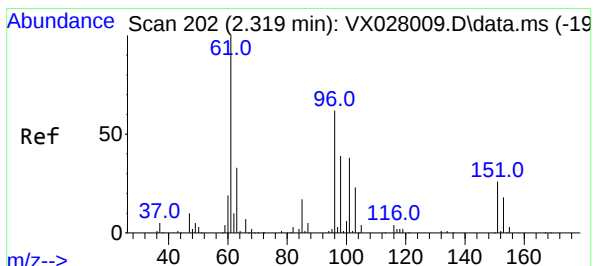
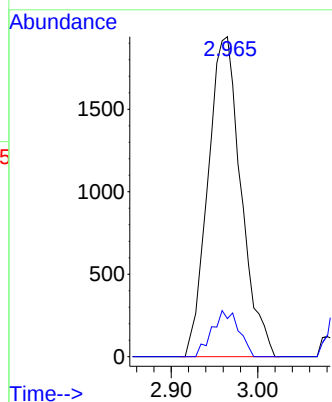
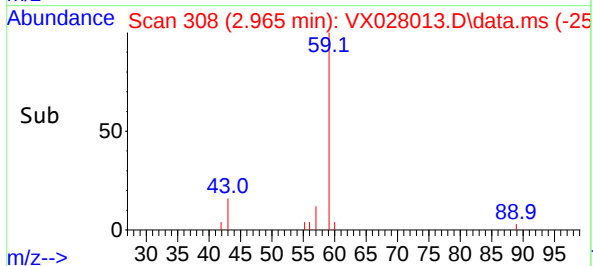
Tgt Ion: 59 Resp: 5139
Ion Ratio Lower Upper
59 100
57 11.6 8.3 12.5

Manual Integrations

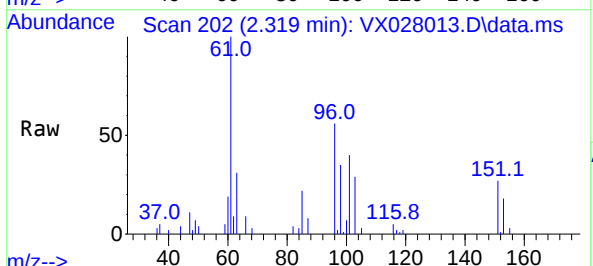
APPROVED

Reviewed By :John Carlone 04/08/2022

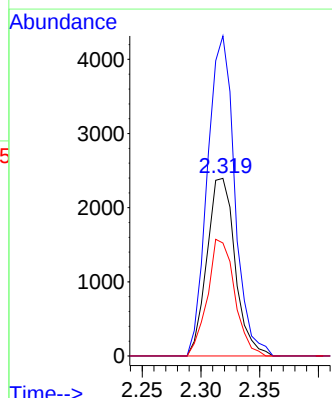
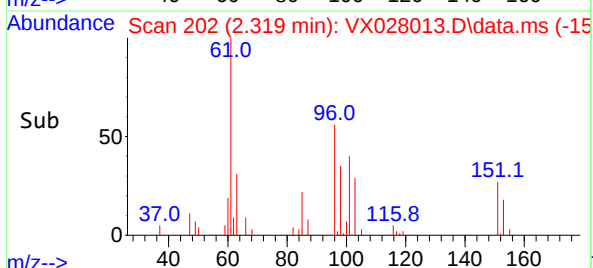
Supervised By :Mahesh Dadoda 04/08/2022



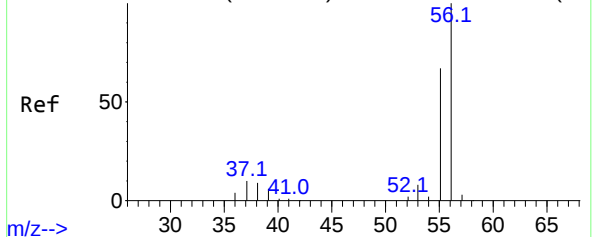
#12
1,1-Dichloroethene
Concen: 4.347 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion: 96 Resp: 3998
Ion Ratio Lower Upper
96 100
61 180.1 124.6 187.0
98 63.6 51.0 76.4



Abundance Scan 188 (2.233 min): VX028009.D\data.ms (-18



#13

Acrolein

Concen: 23.216 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 5018

Ion Ratio Lower Upper

56 100

55 71.9 55.0 82.6

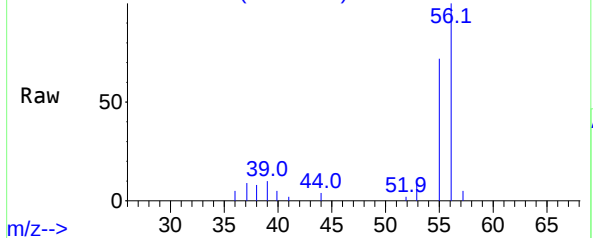
Manual Integrations

APPROVED

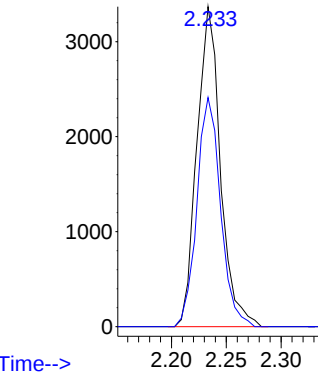
Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022

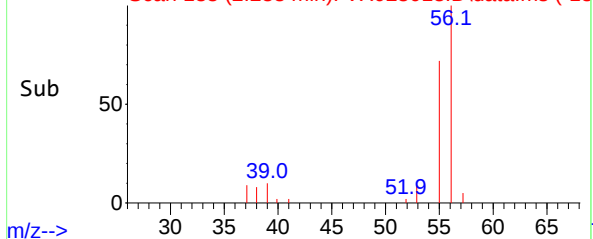
Abundance Scan 188 (2.233 min): VX028013.D\data.ms



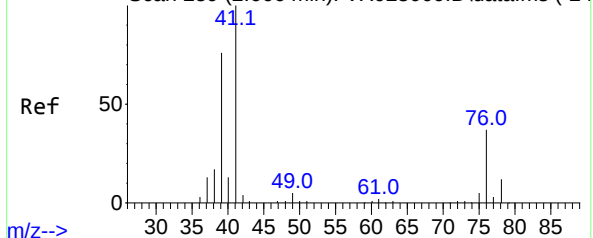
Abundance



Abundance Scan 188 (2.233 min): VX028013.D\data.ms (-13



Abundance Scan 259 (2.666 min): VX028009.D\data.ms (-24



#14

Allyl chloride

Concen: 4.670 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Tgt Ion: 41 Resp: 6914

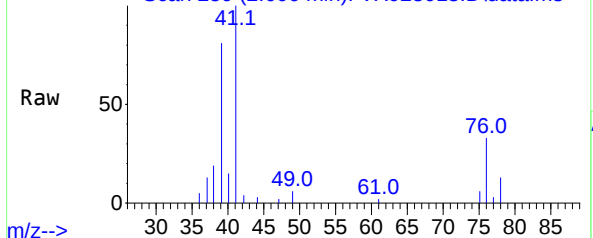
Ion Ratio Lower Upper

41 100

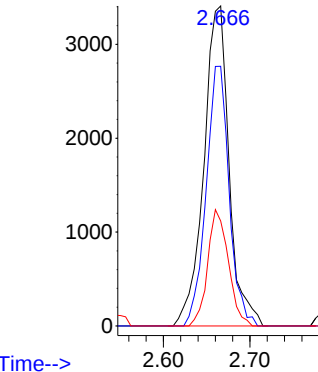
39 73.8 50.4 75.6

76 29.8 32.7 49.1#

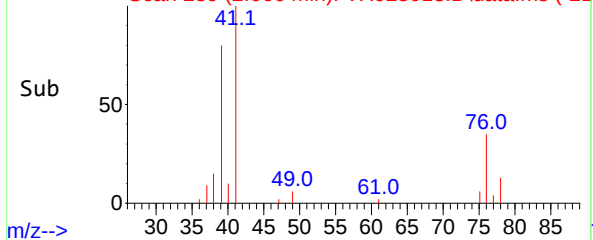
Abundance Scan 259 (2.666 min): VX028013.D\data.ms

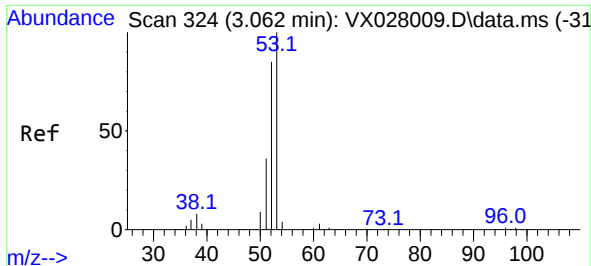


Abundance



Abundance Scan 259 (2.666 min): VX028013.D\data.ms (-21





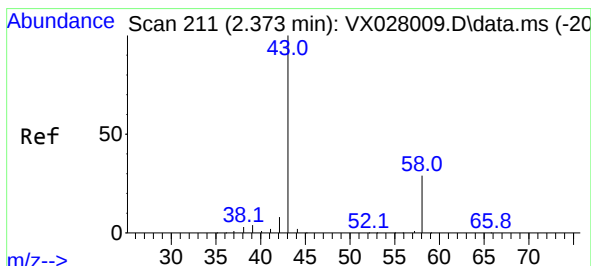
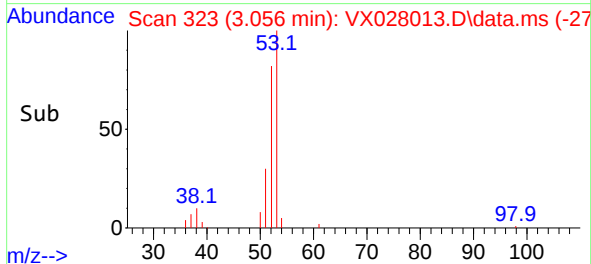
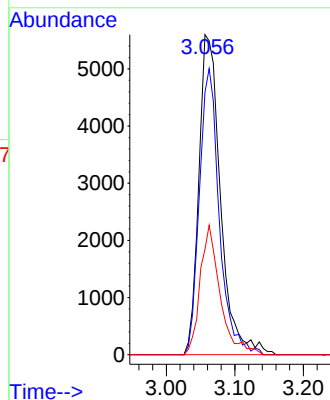
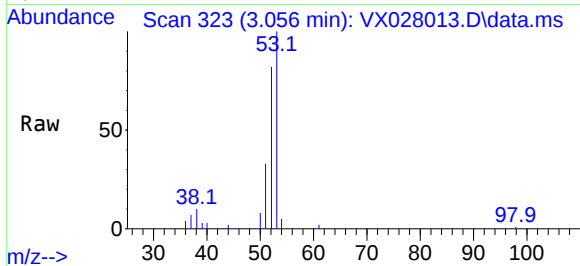
#15
Acrylonitrile
Concen: 22.984 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 1234
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 37.3 28.4 42.6

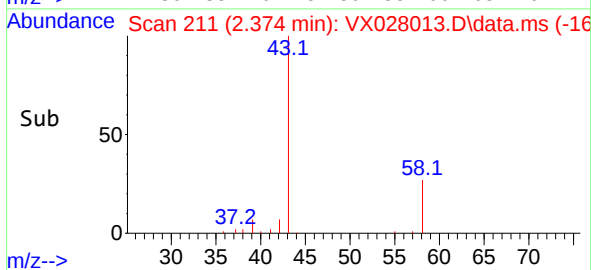
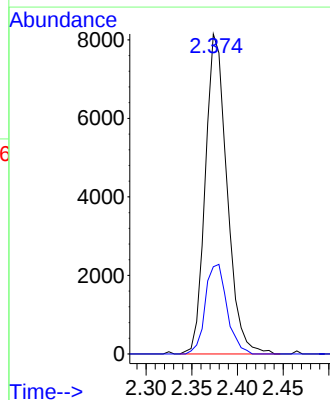
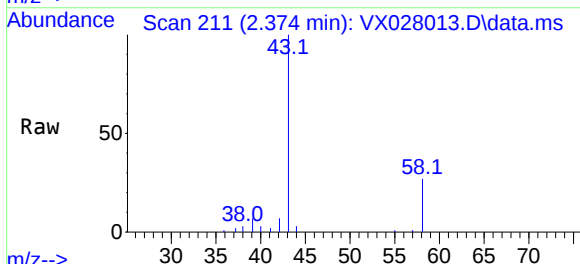
Manual Integrations
APPROVED

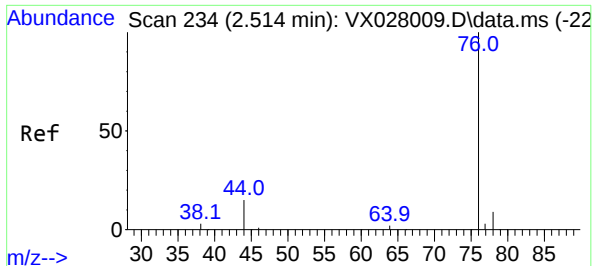
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#16
Acetone
Concen: 26.213 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion: 43 Resp: 13429
Ion Ratio Lower Upper
43 100
58 27.3 28.8 43.2#





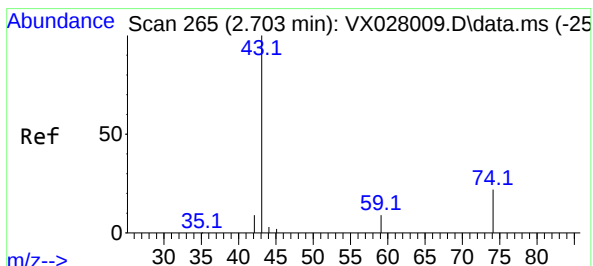
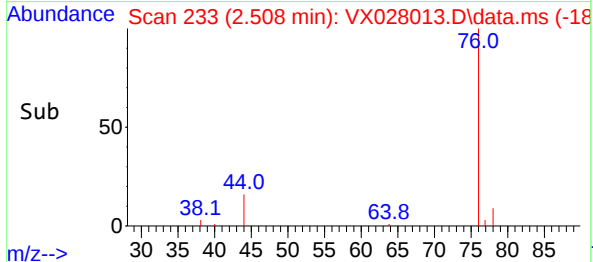
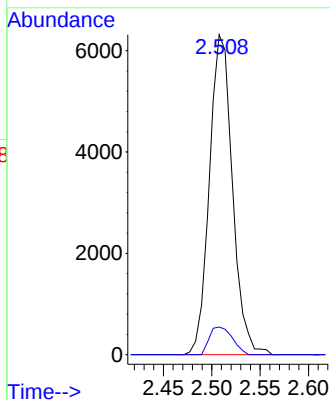
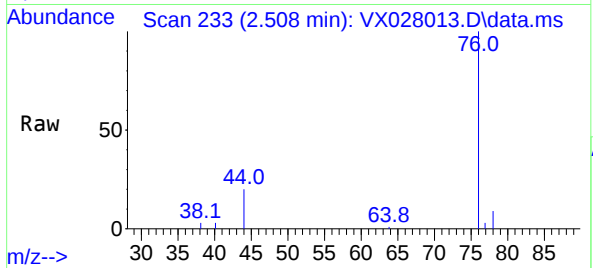
#17
Carbon Disulfide
Concen: 4.555 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 1046
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

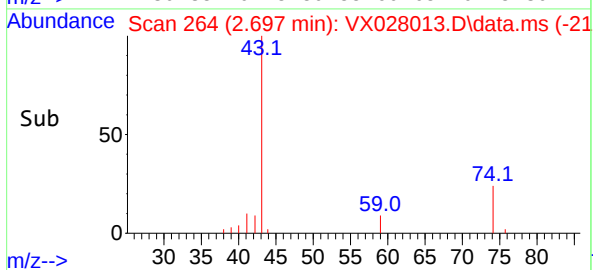
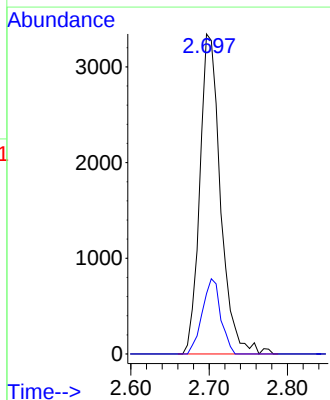
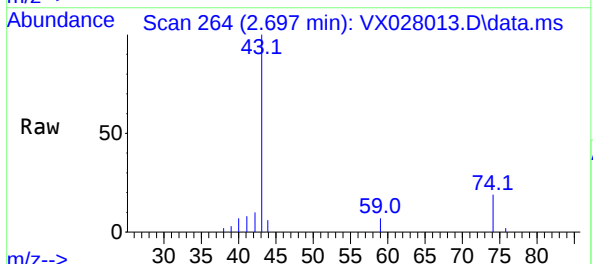
Manual Integrations
APPROVED

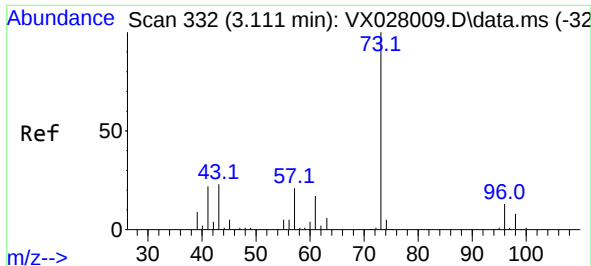
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#18
Methyl Acetate
Concen: 4.697 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion: 43 Resp: 6143
Ion Ratio Lower Upper
43 100
74 20.8 22.8 34.2#





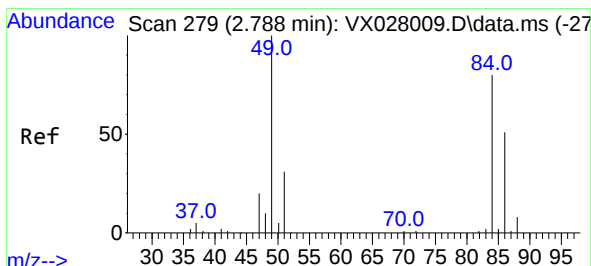
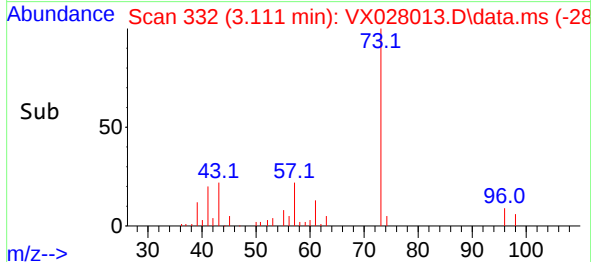
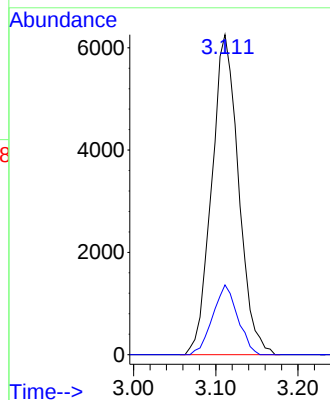
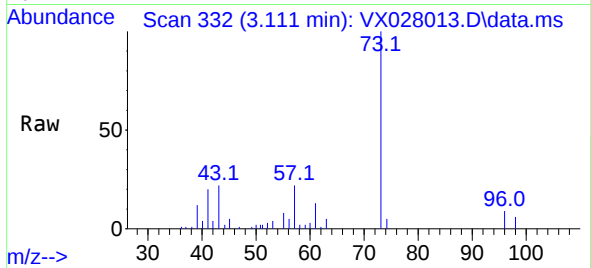
#19
Methyl tert-butyl Ether
Concen: 4.613 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 1420
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2

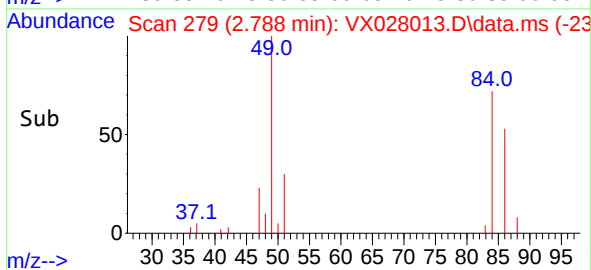
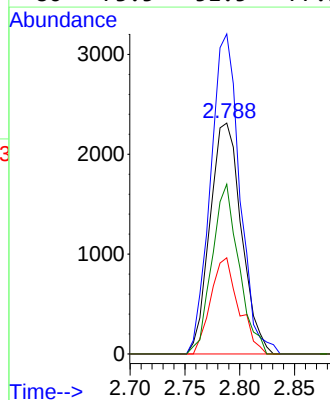
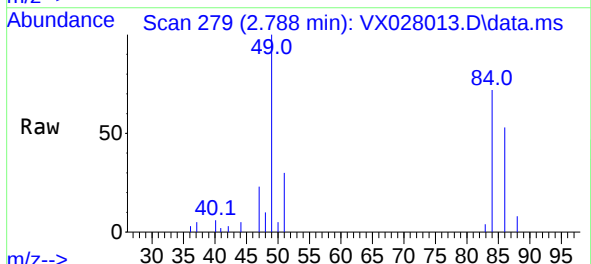
Manual Integrations
APPROVED

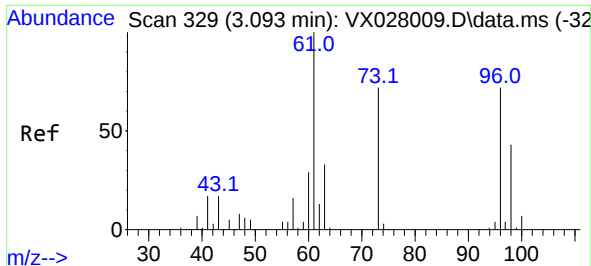
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#20
Methylene Chloride
Concen: 4.492 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

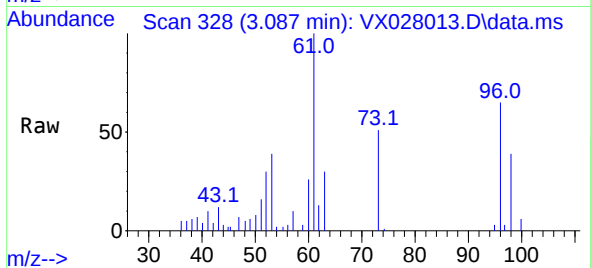
Tgt Ion: 84 Resp: 4613
Ion Ratio Lower Upper
84 100
49 138.6 85.5 128.3#
51 41.7 26.6 39.8#
86 73.5 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 4.889 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

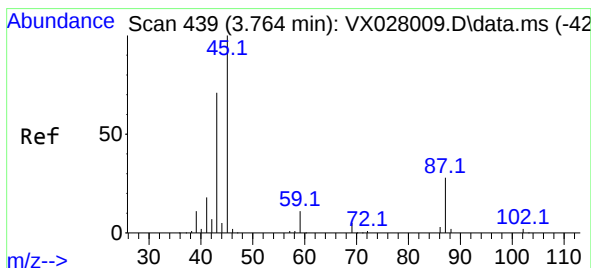
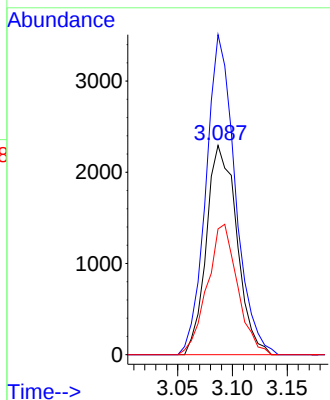
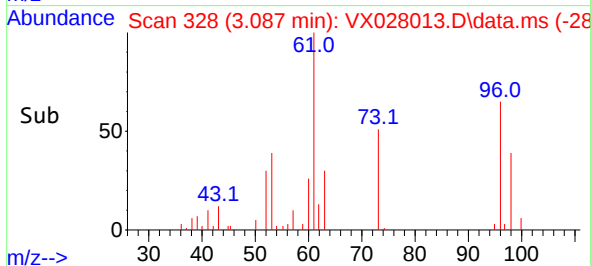
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



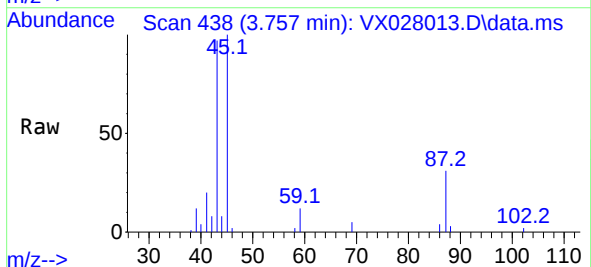
Tgt Ion: 96 Resp: 4429
Ion Ratio Lower Upper
96 100
61 152.9 105.4 158.2
98 60.1 50.0 75.0

Manual Integrations
APPROVED

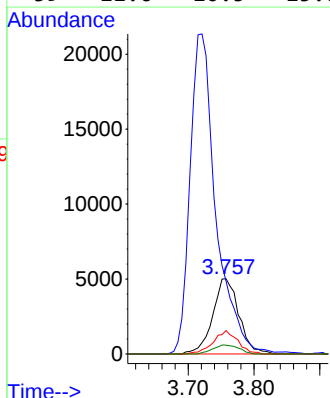
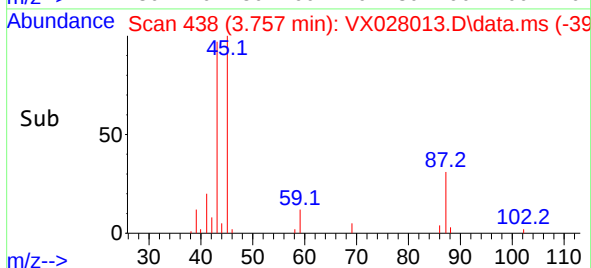
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

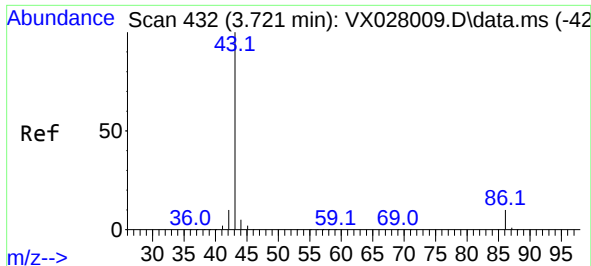


#22
Diisopropyl ether
Concen: 4.548 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion: 45 Resp: 13864
Ion Ratio Lower Upper
45 100
43 94.3 50.8 76.2#
87 31.0 26.6 39.8
59 11.6 10.5 15.7





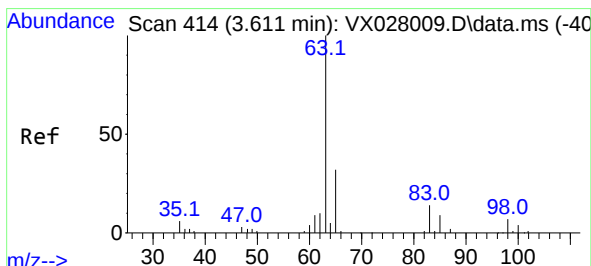
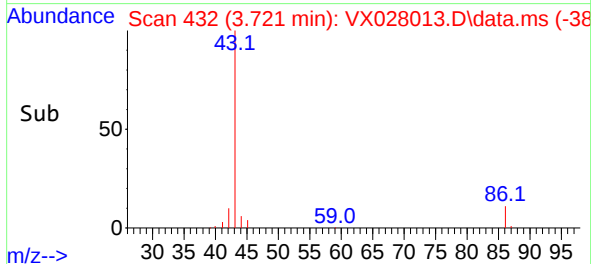
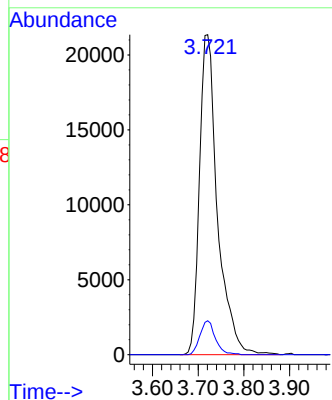
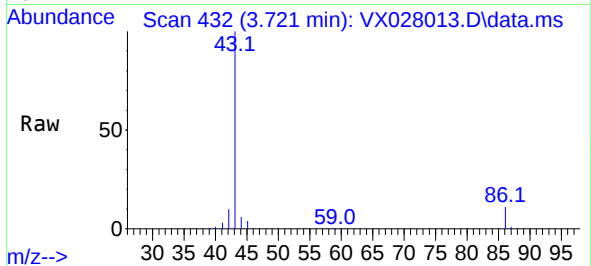
#23
 Vinyl Acetate
 Concen: 21.740 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX028013.D
 Acq: 07 Apr 2022 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 5838
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.8 16.2

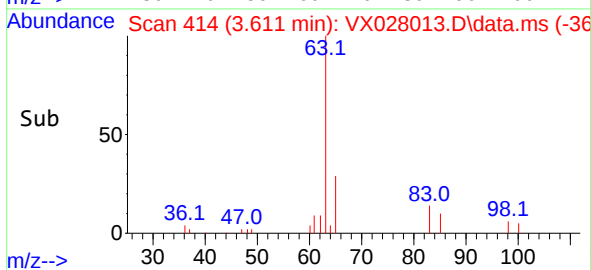
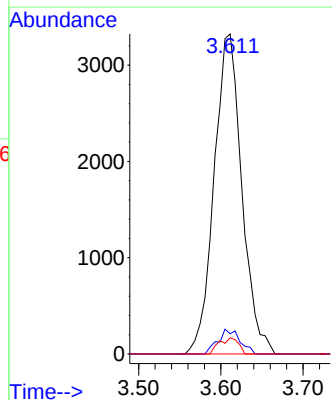
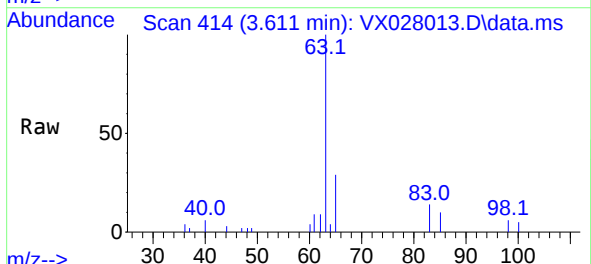
Manual Integrations
 APPROVED

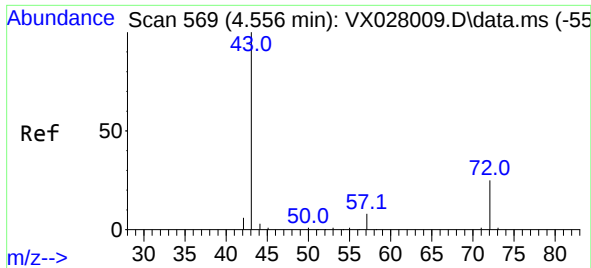
Reviewed By :John Carlone 04/08/2022
 Supervised By :Mahesh Dadoda 04/08/2022



#24
 1,1-Dichloroethane
 Concen: 4.432 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX028013.D
 Acq: 07 Apr 2022 16:03

Tgt Ion: 63 Resp: 7793
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 5.0 2.4 7.2





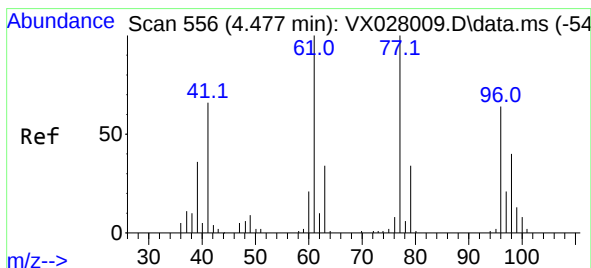
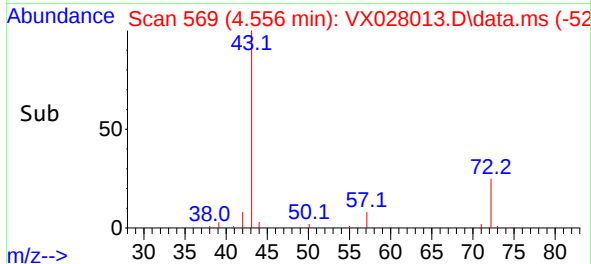
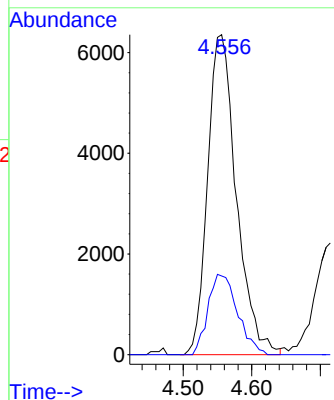
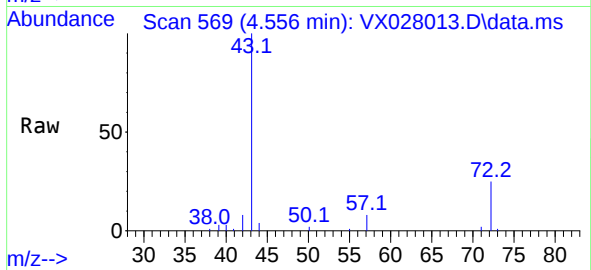
#25
2-Butanone
Concen: 22.186 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 18519
Ion Ratio Lower Upper
43 100
72 24.6 24.4 36.6

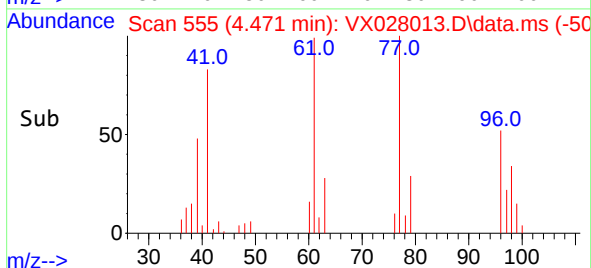
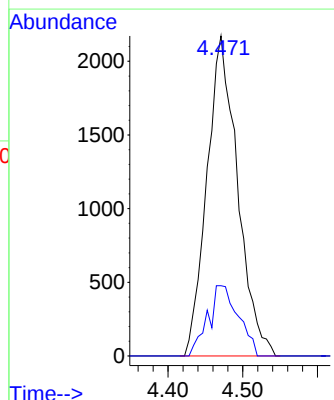
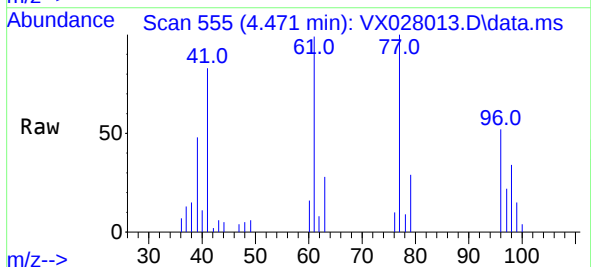
Manual Integrations
APPROVED

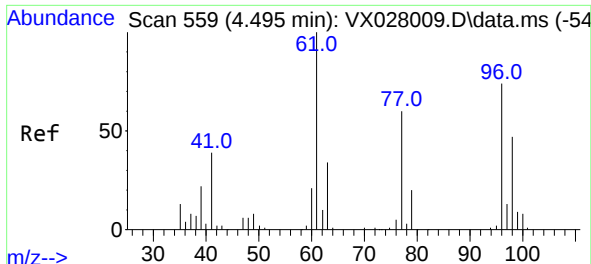
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#26
2,2-Dichloropropane
Concen: 4.321 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion: 77 Resp: 6205
Ion Ratio Lower Upper
77 100
97 21.8 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 4.646 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

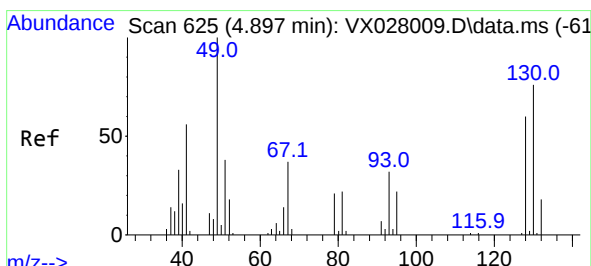
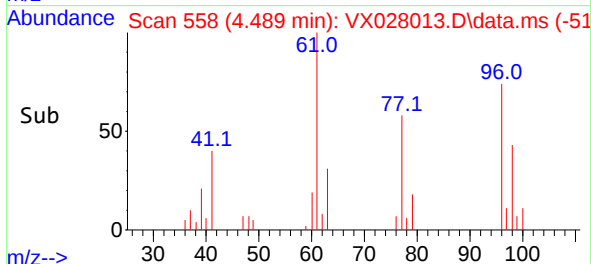
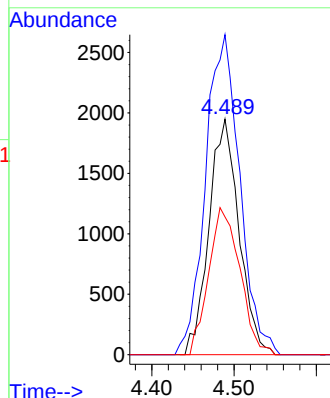
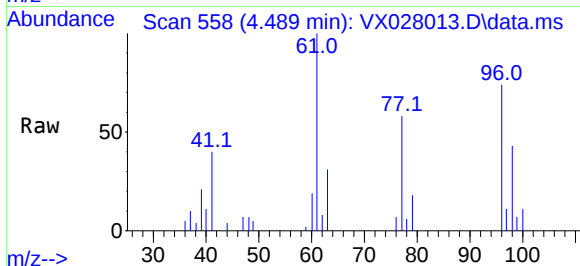
VSTDIC005

Tgt Ion: 96 Resp: 495
Ion Ratio Lower Upper
96 100
61 154.5 0.0 283.8
98 65.1 0.0 129.8

Manual Integrations

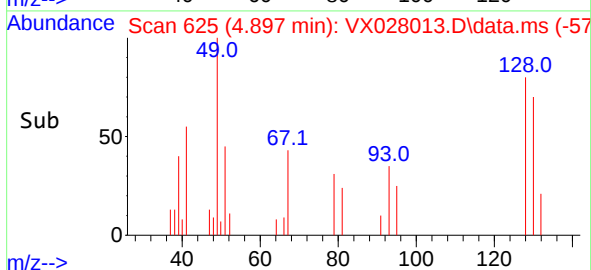
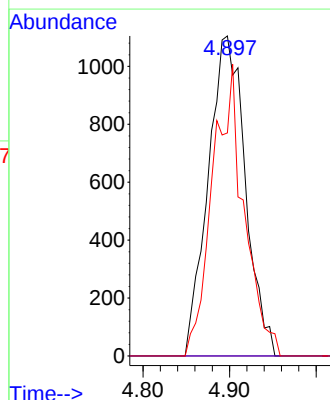
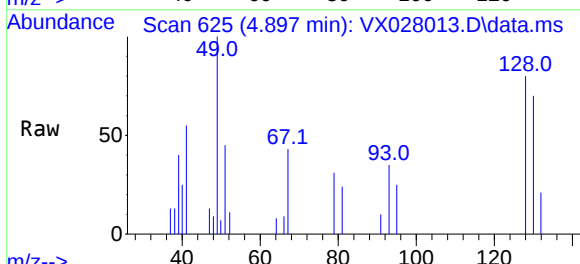
APPROVED

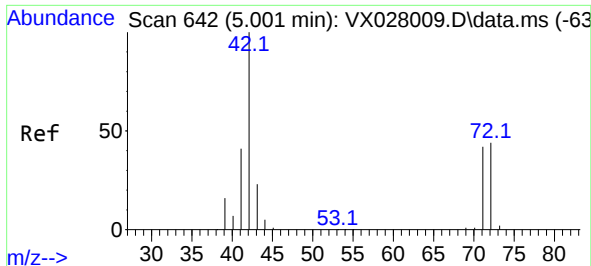
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#28
Bromochloromethane
Concen: 4.387 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion: 49 Resp: 3295
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 77.0 70.7 106.1





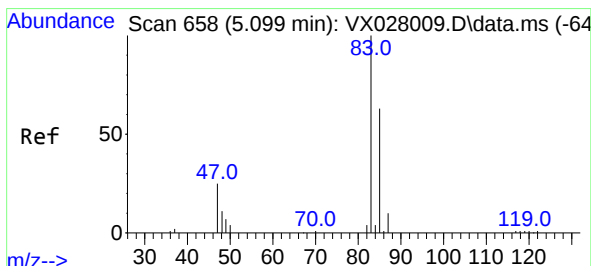
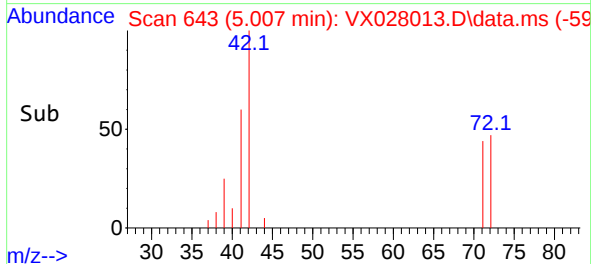
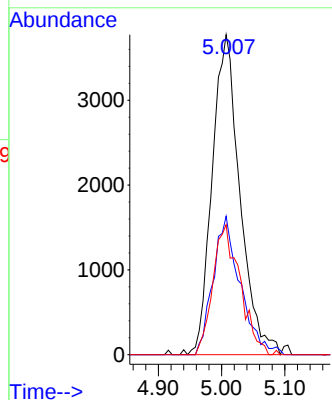
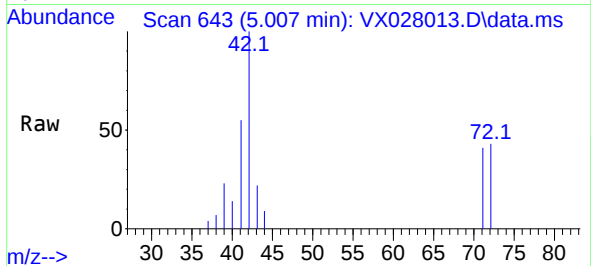
#29
Tetrahydrofuran
Concen: 21.441 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 42 Resp: 1150
Ion Ratio Lower Upper
42 100
72 42.3 44.1 66.1
71 39.8 40.5 60.7

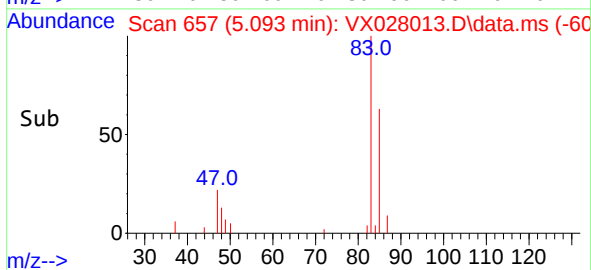
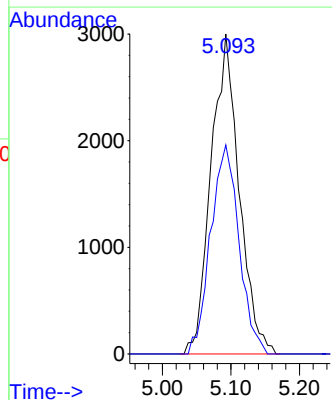
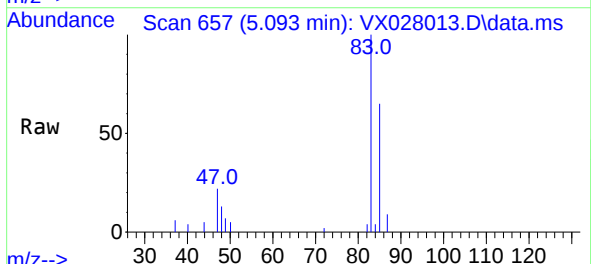
Manual Integrations
APPROVED

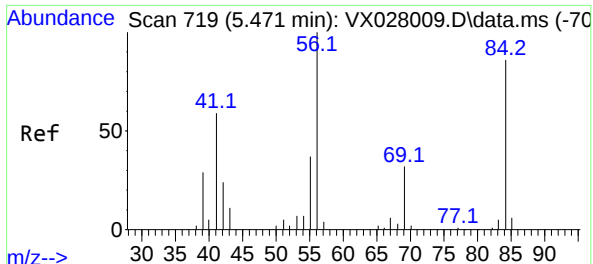
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#30
Chloroform
Concen: 4.427 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

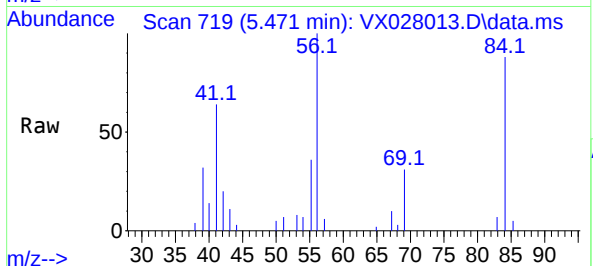
Tgt Ion: 83 Resp: 8532
Ion Ratio Lower Upper
83 100
85 65.3 52.7 79.1





#31
Cyclohexane
Concen: 4.576 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

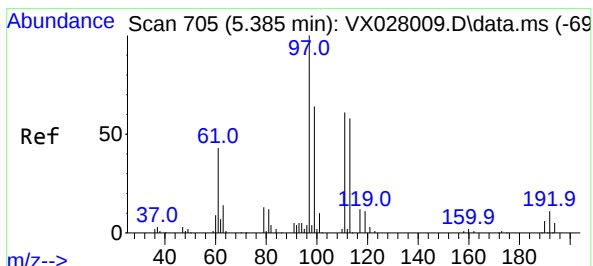
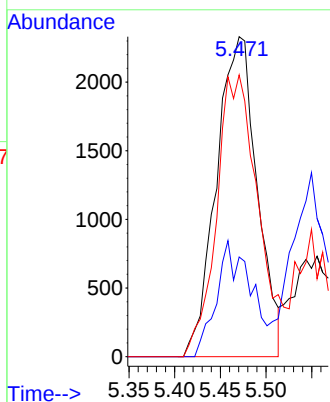
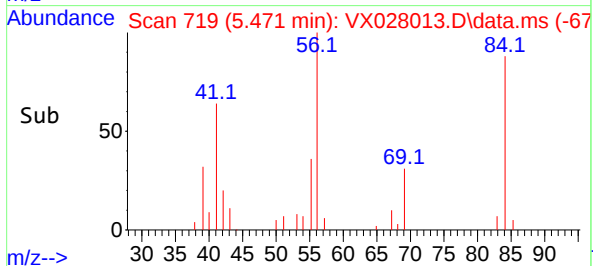
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



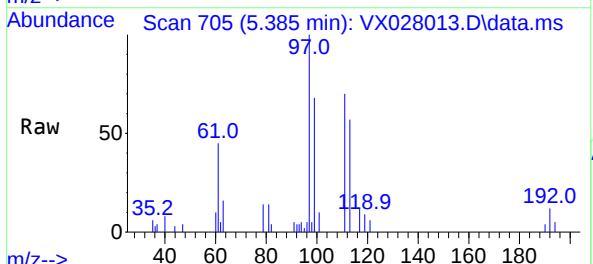
Tgt Ion: 56 Resp: 7235
Ion Ratio Lower Upper
56 100
69 31.1 26.7 40.1
84 88.1 77.2 115.8

Manual Integrations
APPROVED

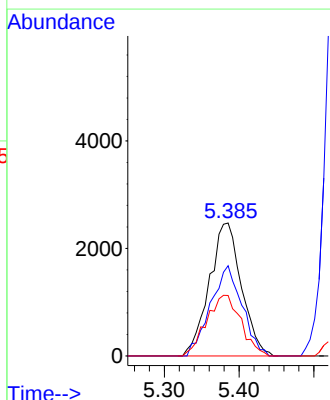
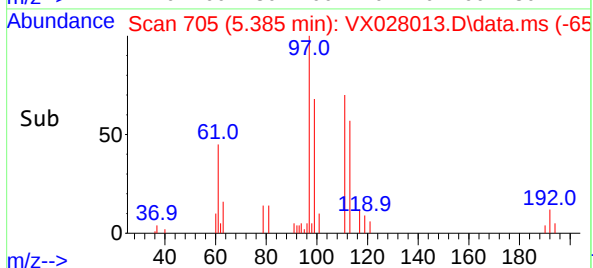
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

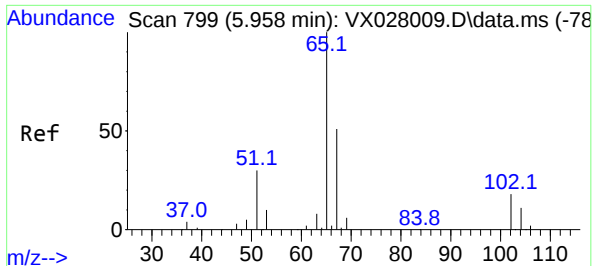


#32
1,1,1-Trichloroethane
Concen: 4.389 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion: 97 Resp: 7392
Ion Ratio Lower Upper
97 100
99 66.5 51.8 77.6
61 48.8 34.0 51.0





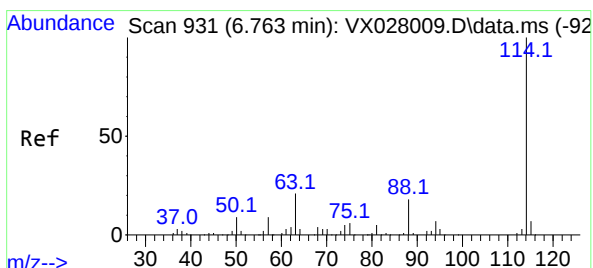
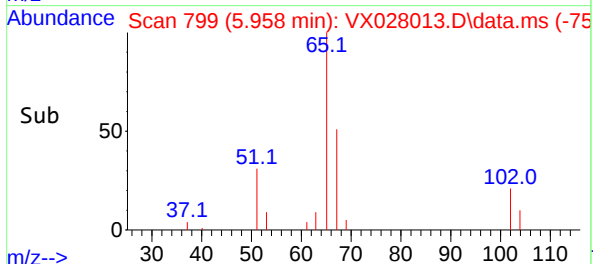
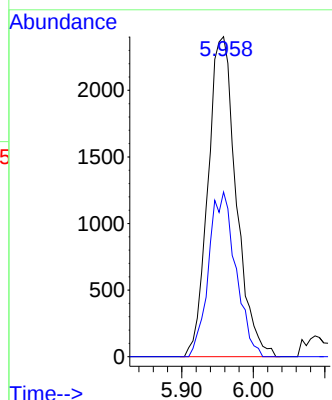
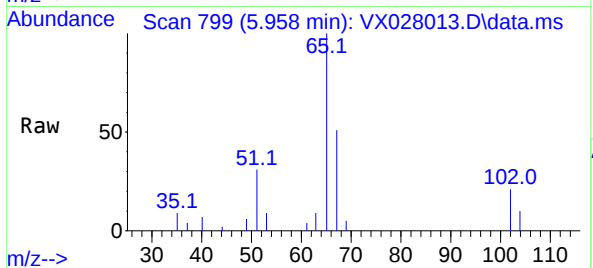
#33
1,2-Dichloroethane-d4
Concen: 4.861 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 658
Ion Ratio Lower Upper
65 100
67 49.4 0.0 107.4

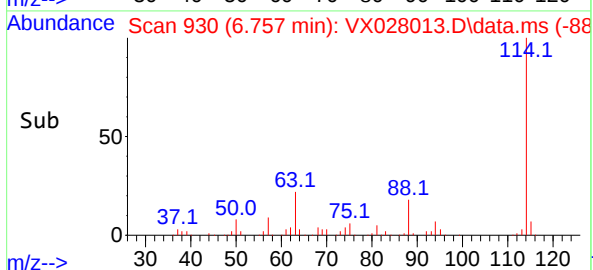
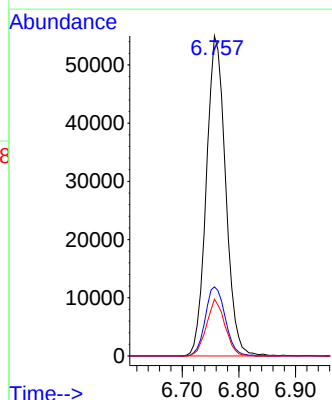
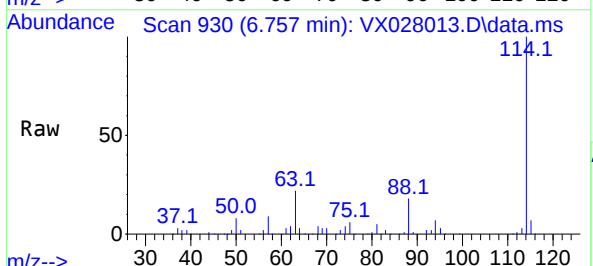
Manual Integrations
APPROVED

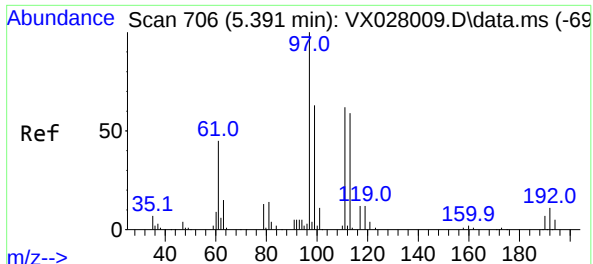
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

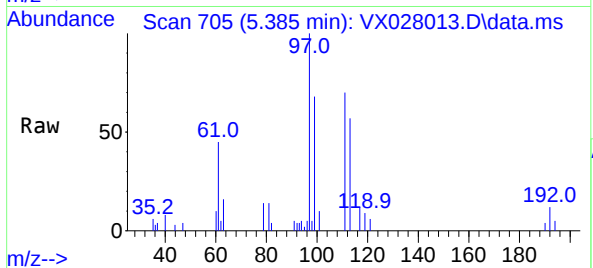
Tgt Ion:114 Resp: 129699
Ion Ratio Lower Upper
114 100
63 21.6 0.0 36.8
88 17.7 0.0 32.4





#35
Dibromofluoromethane
Concen: 4.834 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

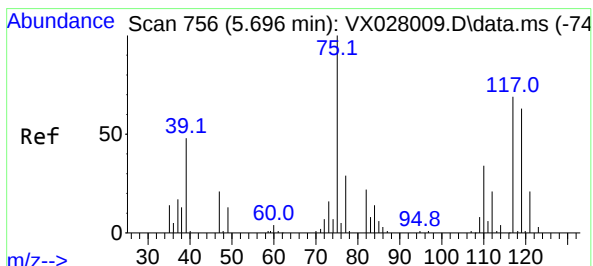
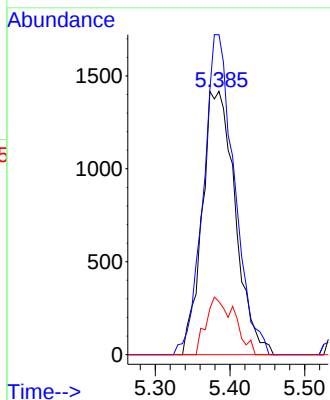
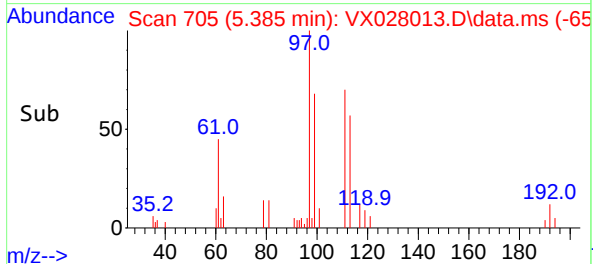
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



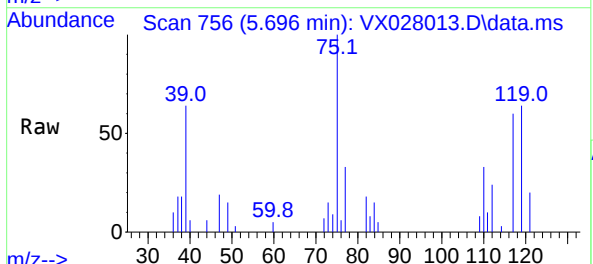
Tgt Ion:113 Resp: 4358
Ion Ratio Lower Upper
113 100
111 113.7 82.8 124.2
192 18.8 16.9 25.3

Manual Integrations
APPROVED

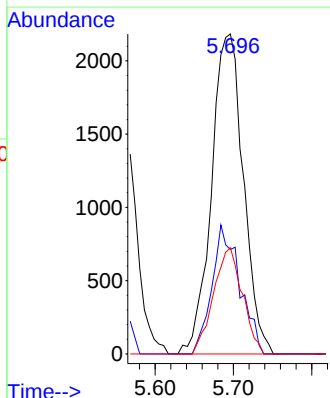
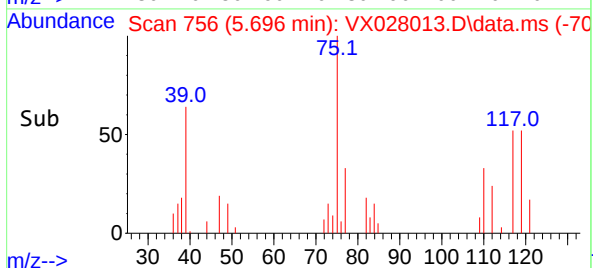
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

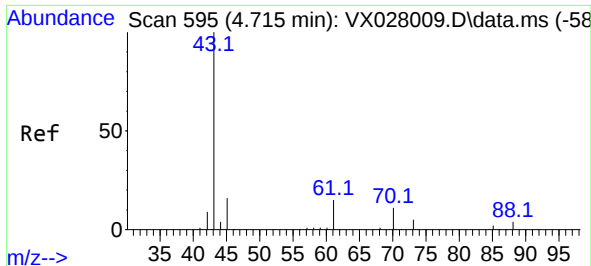


#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion: 75 Resp: 6182
Ion Ratio Lower Upper
75 100
110 35.3 18.3 54.8
77 30.1 24.8 37.2





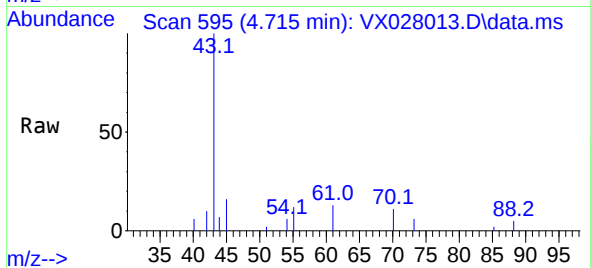
#37
Ethyl Acetate
Concen: 4.583 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



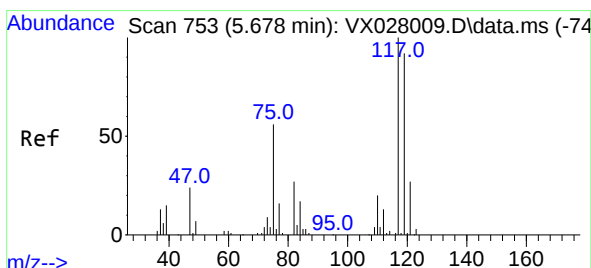
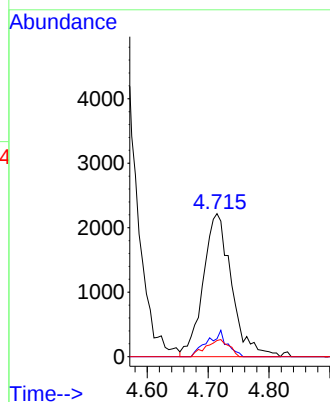
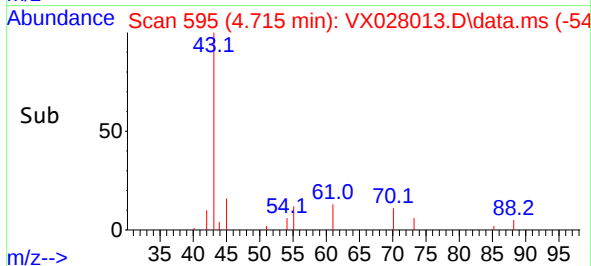
Tgt Ion: 43 Resp: 7180
Ion Ratio Lower Upper
43 100
61 12.6 12.6 19.0
70 9.7 10.2 15.2

Manual Integrations

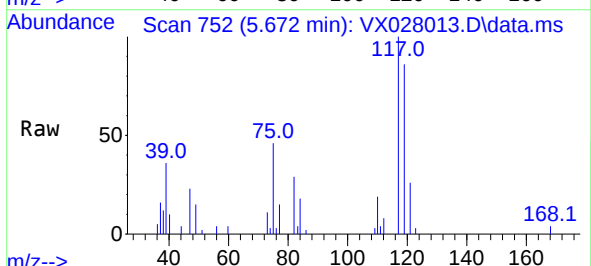
APPROVED

Reviewed By :John Carlone 04/08/2022

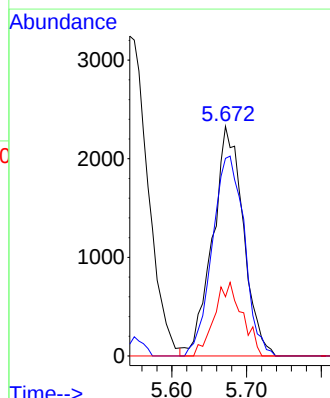
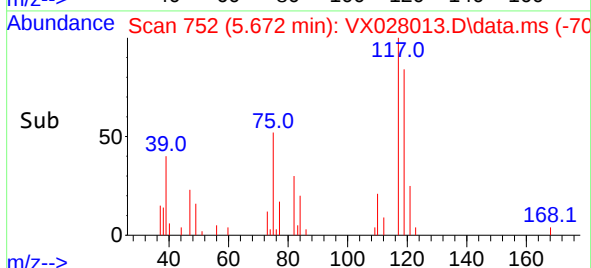
Supervised By :Mahesh Dadoda 04/08/2022

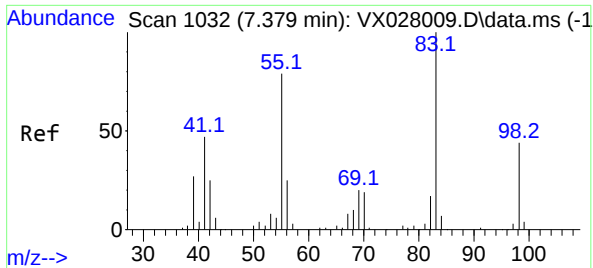


#38
Carbon Tetrachloride
Concen: 4.743 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion:117 Resp: 6655
Ion Ratio Lower Upper
117 100
119 86.0 77.3 115.9
121 25.8 24.2 36.2





#39

Methylcyclohexane

Concen: 4.783 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

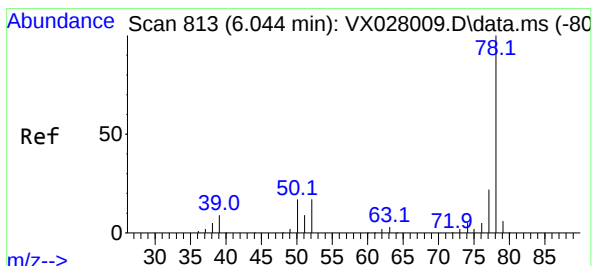
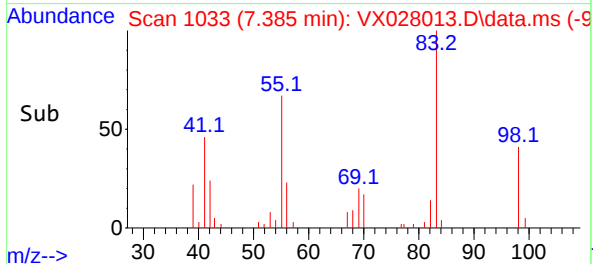
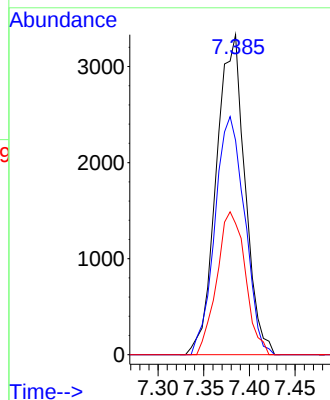
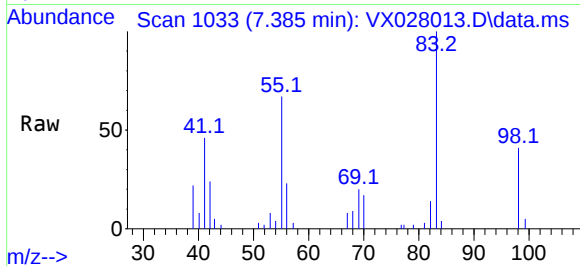
Tgt Ion: 83	Resp: 7250
Ion Ratio	Lower Upper
83	100
55	67.0 54.6 81.8
98	41.0 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#40

Benzene

Concen: 4.663 ug/l

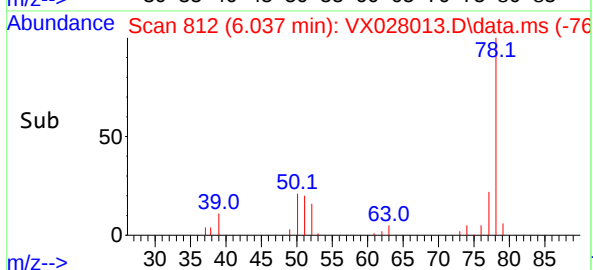
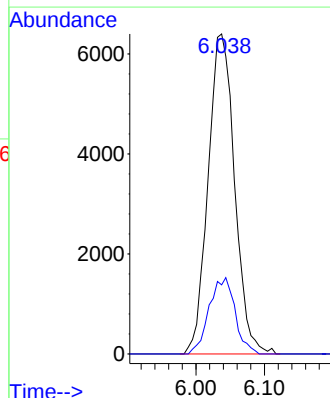
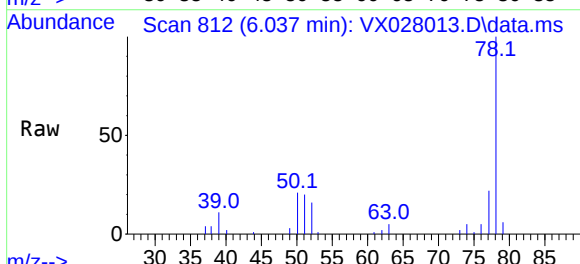
RT: 6.037 min Scan# 812

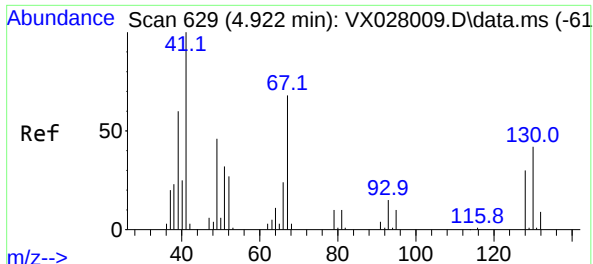
Delta R.T. -0.006 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Tgt Ion: 78	Resp: 17204
Ion Ratio	Lower Upper
78	100
77	21.6 19.3 28.9





#41
Methacrylonitrile
Concen: 4.146 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

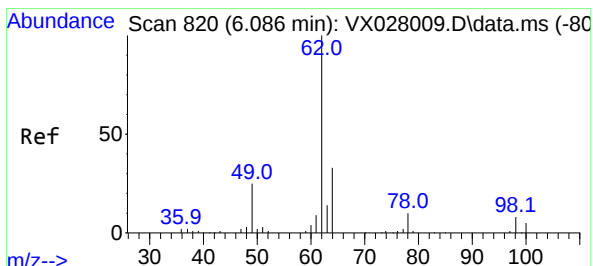
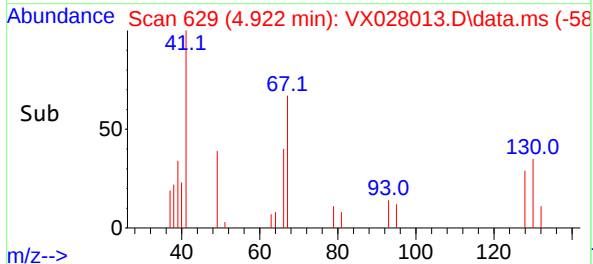
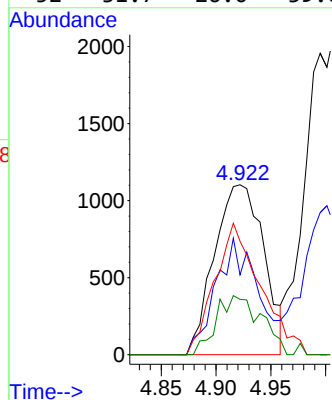
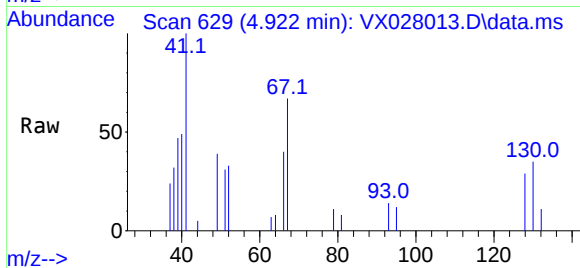
Tgt Ion: 41 Resp: 346
Ion Ratio Lower Upper
41 100
39 55.9 43.0 64.4
67 71.2 70.2 105.4
52 31.7 26.0 39.0

Manual Integrations

APPROVED

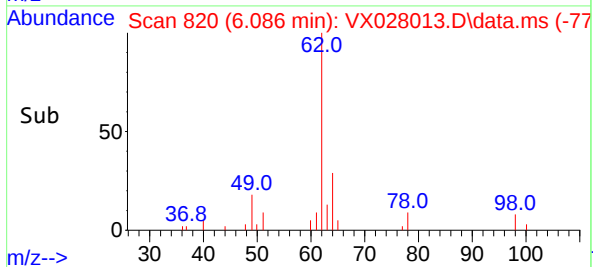
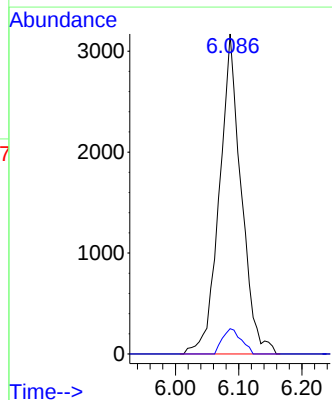
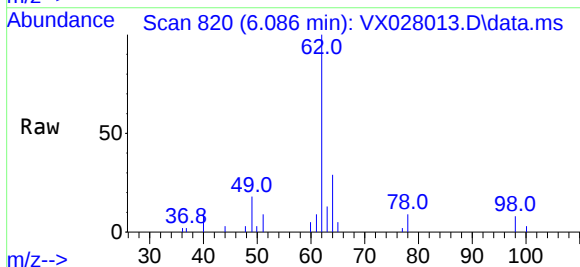
Reviewed By :John Carlone 04/08/2022

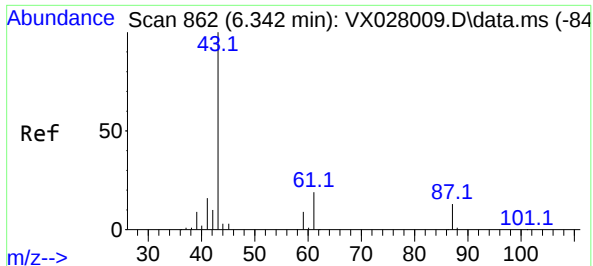
Supervised By :Mahesh Dadoda 04/08/2022



#42
1,2-Dichloroethane
Concen: 4.759 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

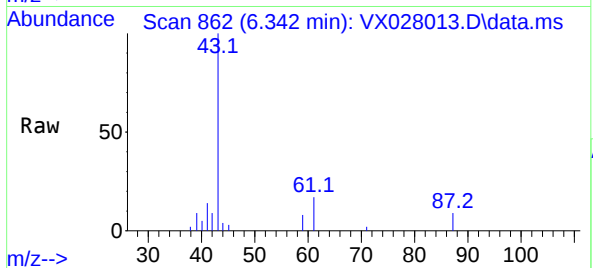
Tgt Ion: 62 Resp: 7591
Ion Ratio Lower Upper
62 100
98 6.7 0.0 20.4





#43
Isopropyl Acetate
Concen: 4.295 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

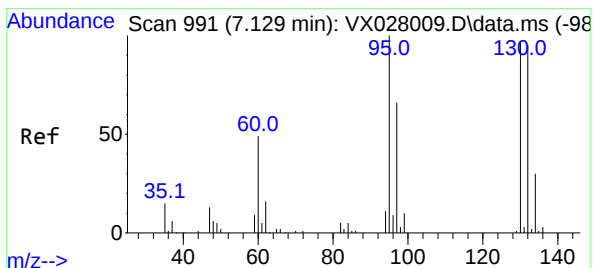
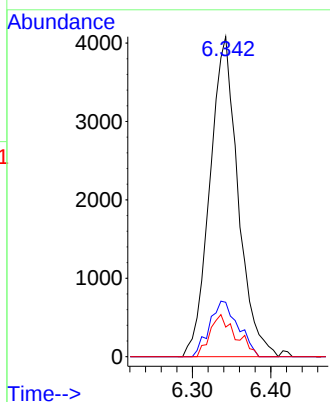
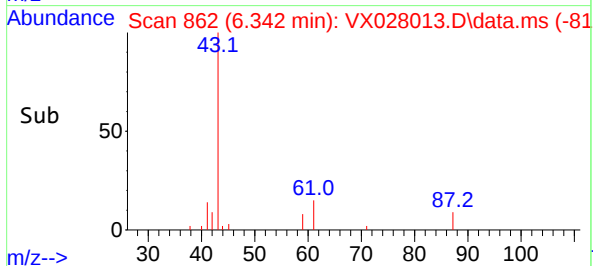
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



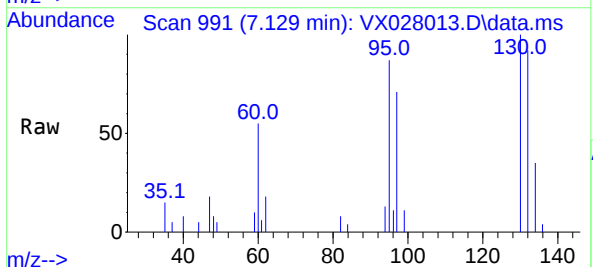
Tgt Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
61 17.7 18.5 27.7
87 12.0 13.0 19.6

Manual Integrations
APPROVED

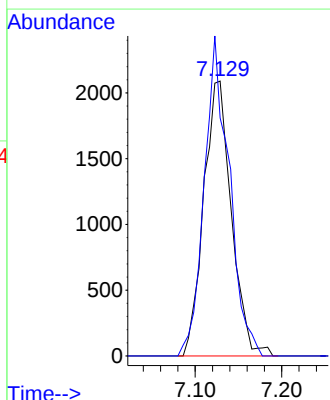
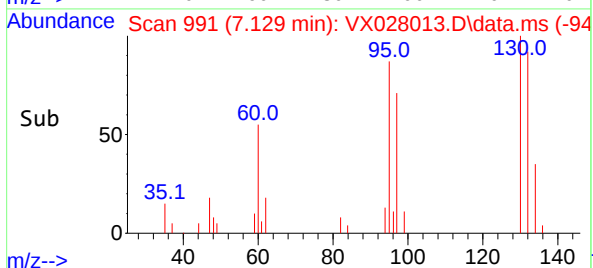
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

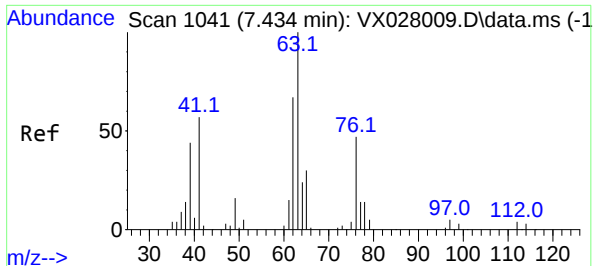


#44
Trichloroethene
Concen: 4.677 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion:130 Resp: 4646
Ion Ratio Lower Upper
130 100
95 86.6 0.0 188.8





#45

1,2-Dichloropropane

Concen: 4.819 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 4408

Ion Ratio Lower Upper

63 100

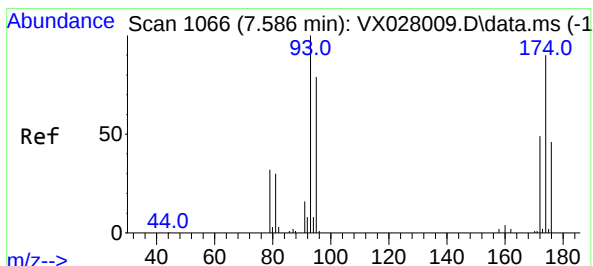
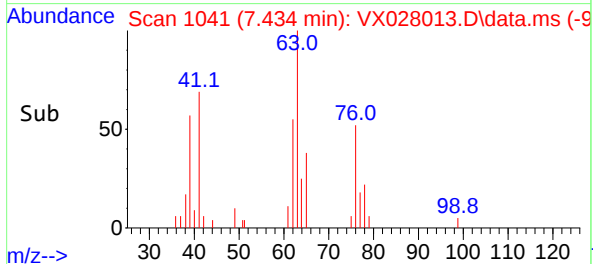
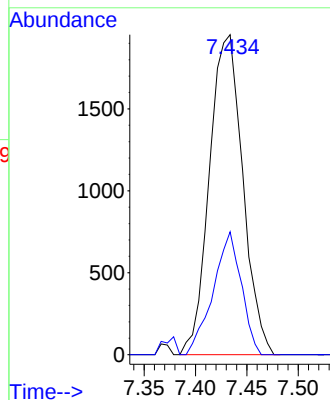
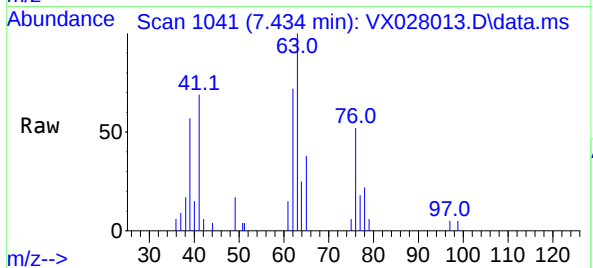
65 38.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#46

Dibromomethane

Concen: 4.423 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

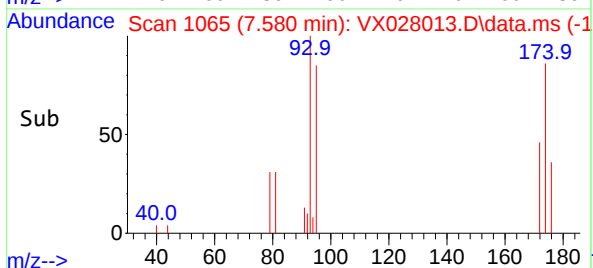
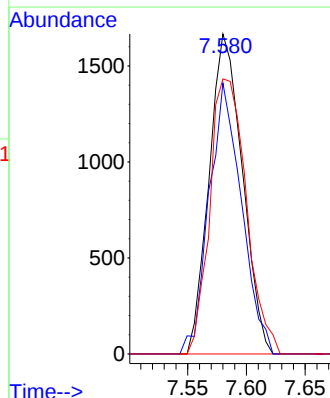
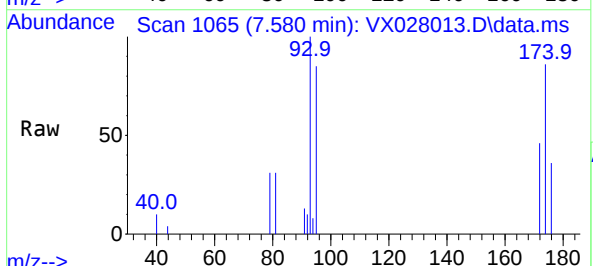
Tgt Ion: 93 Resp: 3276

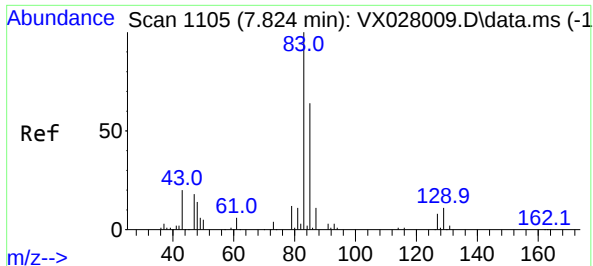
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

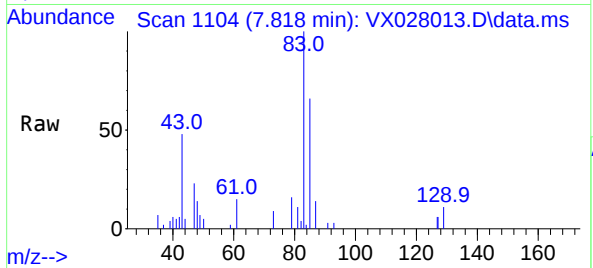
174 94.1 85.4 128.2





#47
Bromodichloromethane
Concen: 4.537 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

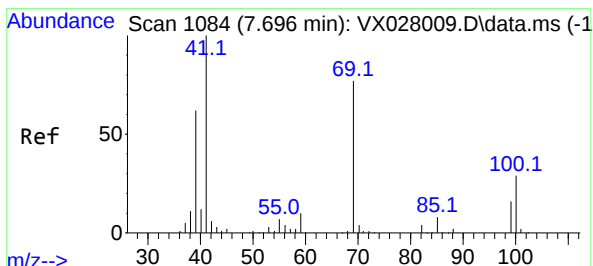
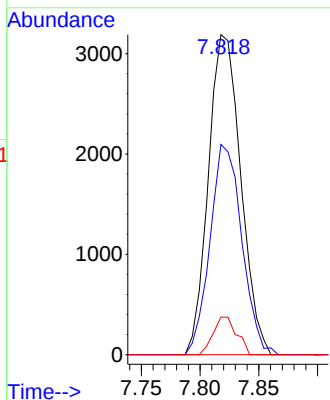
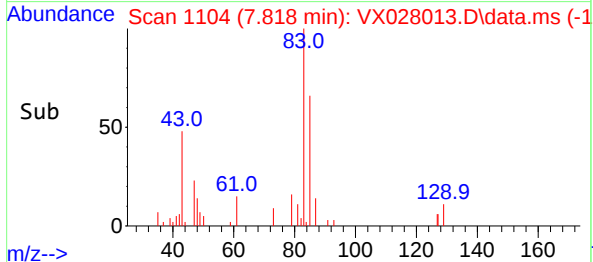
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



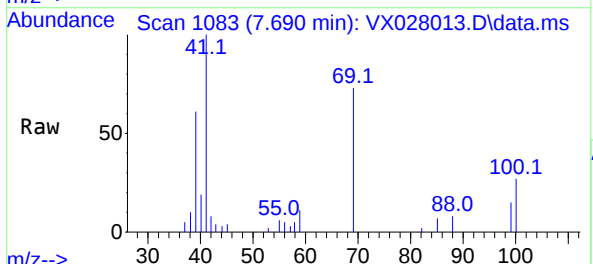
Tgt Ion: 83 Resp: 6114
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.2
127 11.8 6.8 10.2

Manual Integrations
APPROVED

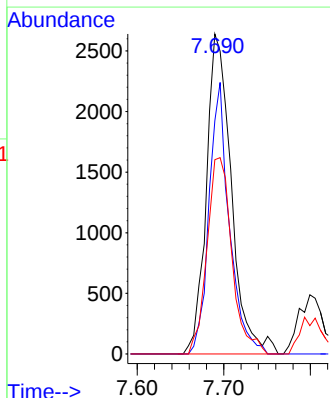
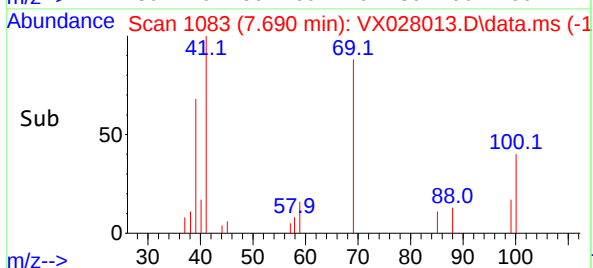
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

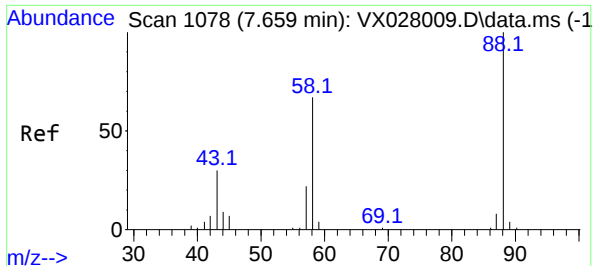


#48
Methyl methacrylate
Concen: 4.466 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion: 41 Resp: 5294
Ion Ratio Lower Upper
41 100
69 69.1 82.5 123.7#
39 61.2 43.8 65.8





#49

1,4-Dioxane

Concen: 87.155 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 2020

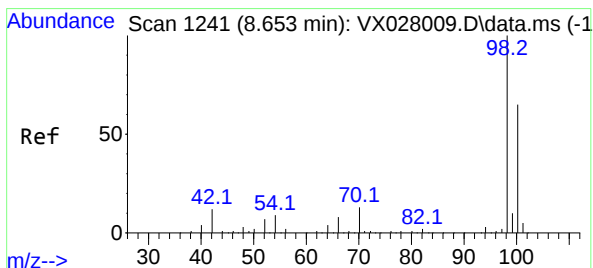
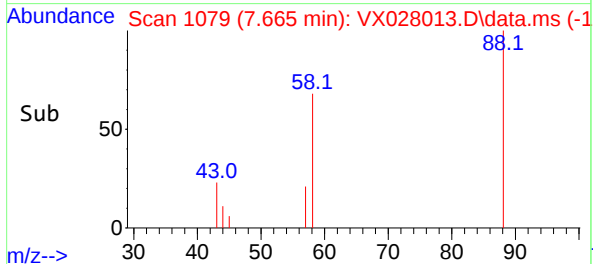
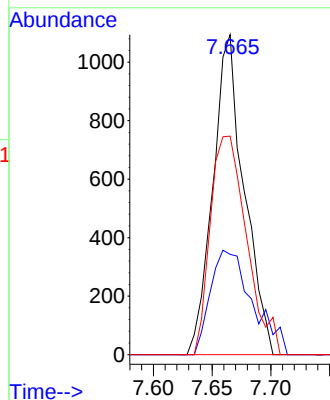
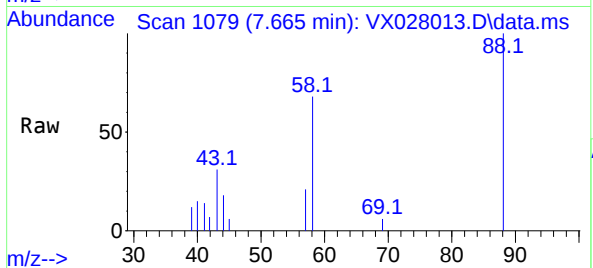
Ion	Ratio	Lower	Upper
88	100		
43	44.0	21.9	32.9
58	79.5	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#50

Toluene-d8

Concen: 5.216 ug/l

RT: 8.647 min Scan# 1240

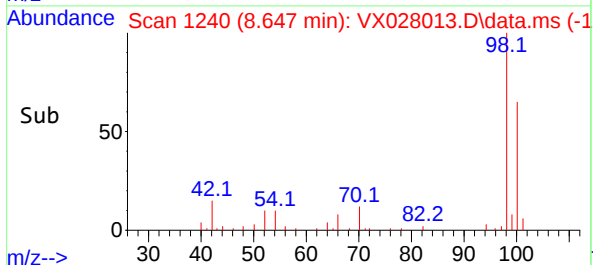
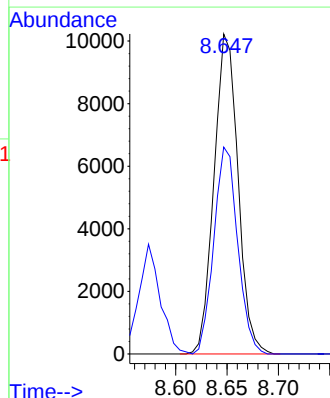
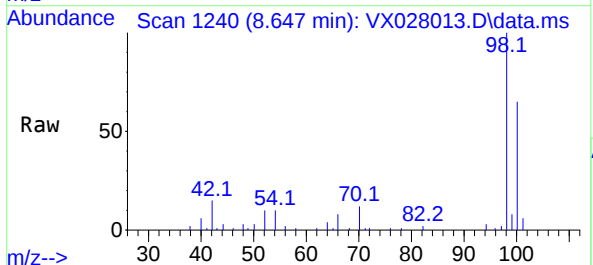
Delta R.T. -0.006 min

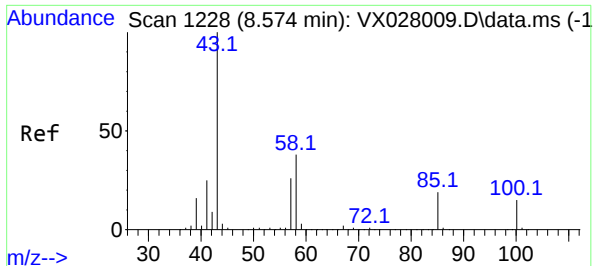
Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Tgt Ion: 98 Resp: 16620

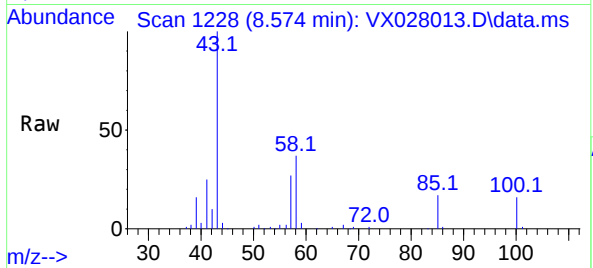
Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 22.689 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

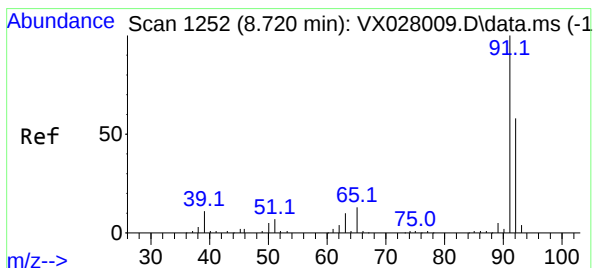
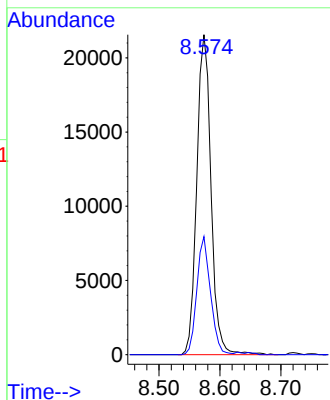
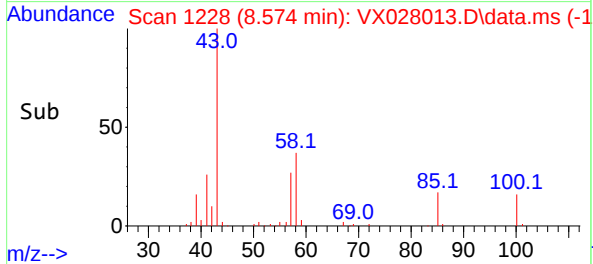
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



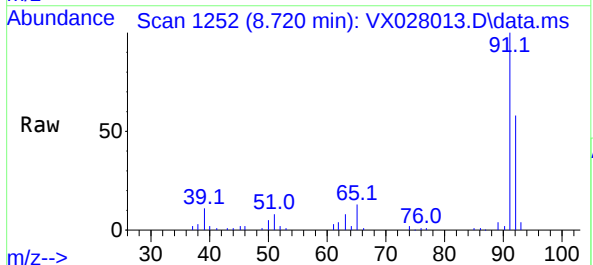
Tgt Ion: 43 Resp: 3499
Ion Ratio Lower Upper
43 100
58 35.3 36.1 54.1

Manual Integrations
APPROVED

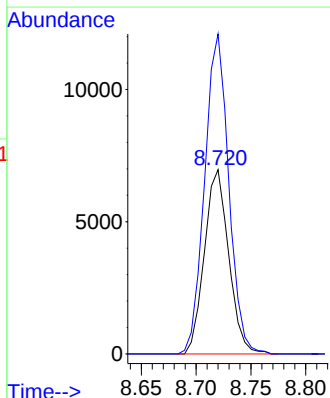
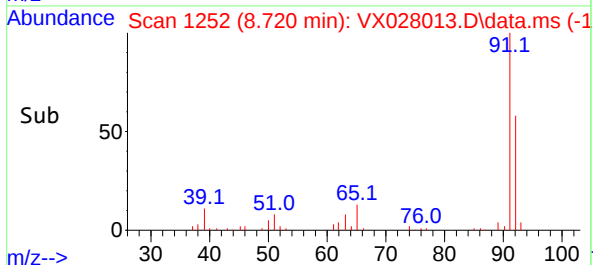
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

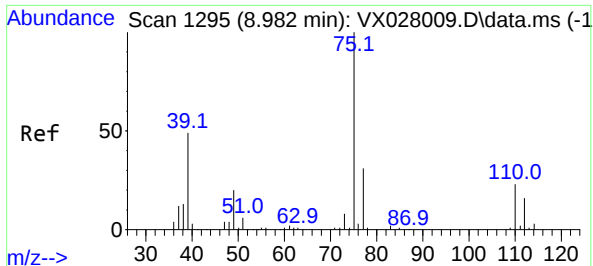


#52
Toluene
Concen: 4.628 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion: 92 Resp: 10763
Ion Ratio Lower Upper
92 100
91 172.0 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 3.999 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 543

Ion Ratio Lower Upper

75 100

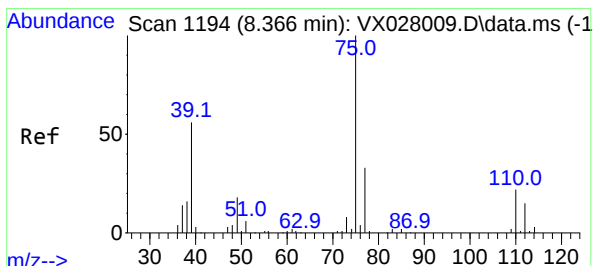
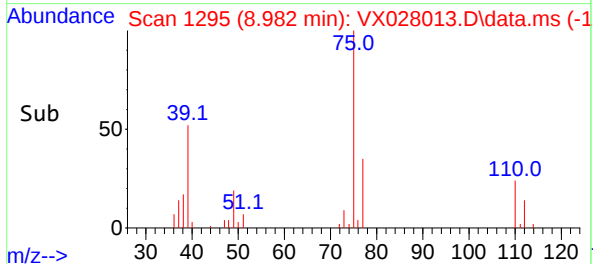
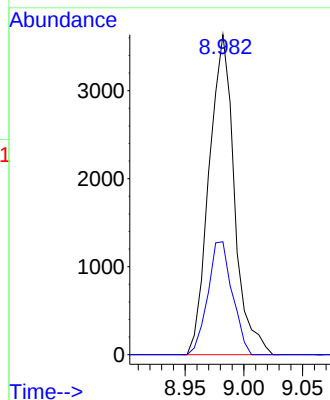
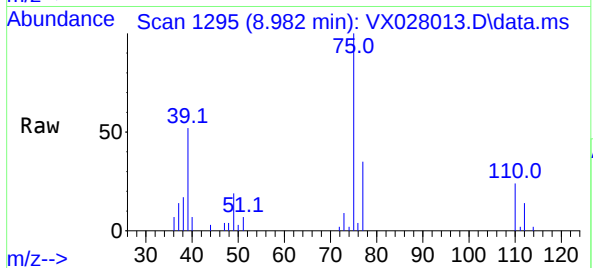
77 35.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#54

cis-1,3-Dichloropropene

Concen: 4.348 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

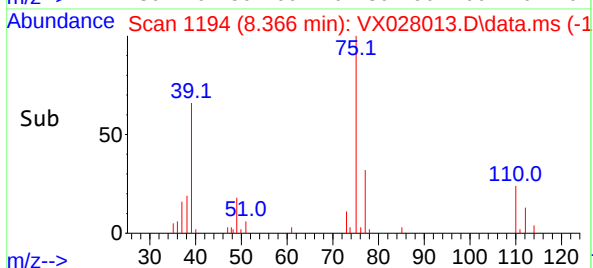
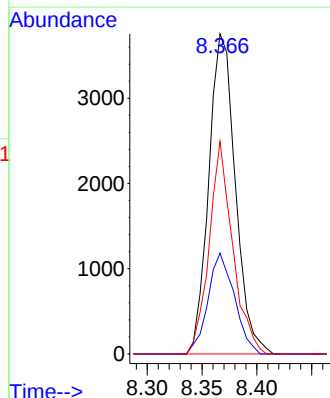
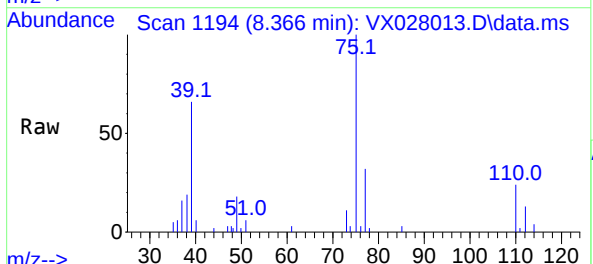
Tgt Ion: 75 Resp: 6325

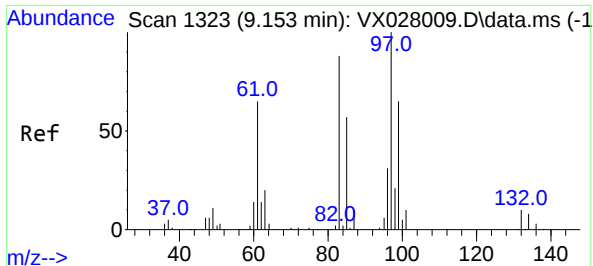
Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 66.4 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 4.531 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

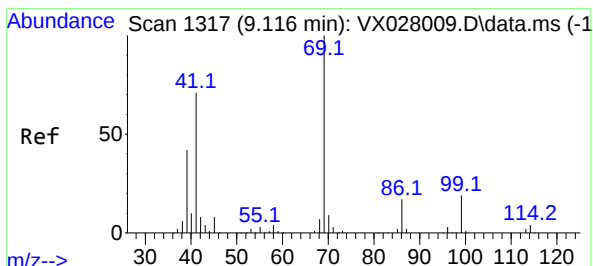
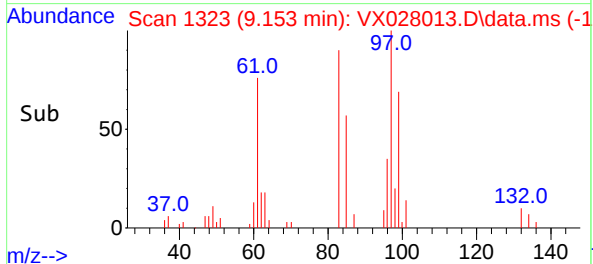
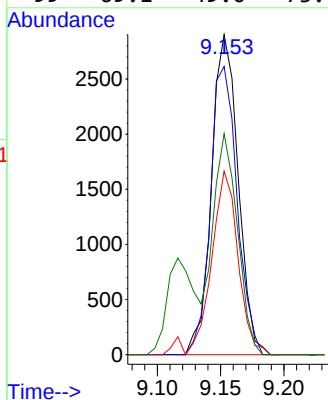
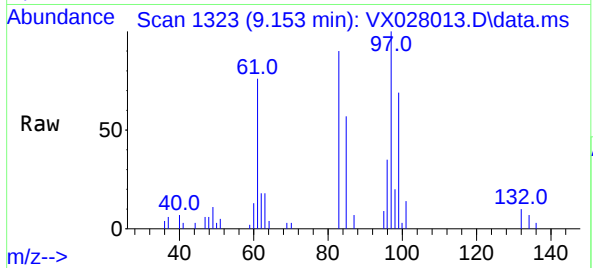
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 97 Resp: 424

Ion	Ratio	Lower	Upper
97	100		
83	90.0	66.2	99.4
85	57.4	42.9	64.3
99	69.1	49.0	73.6

Manual Integrations
APPROVED

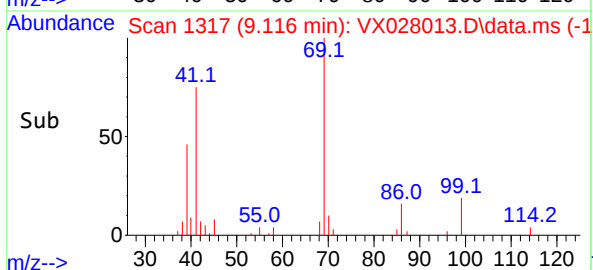
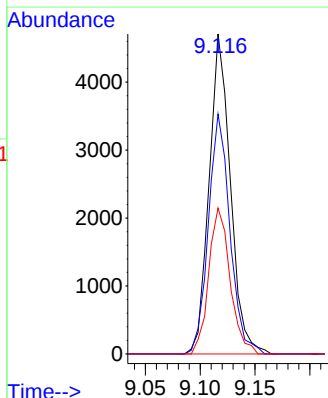
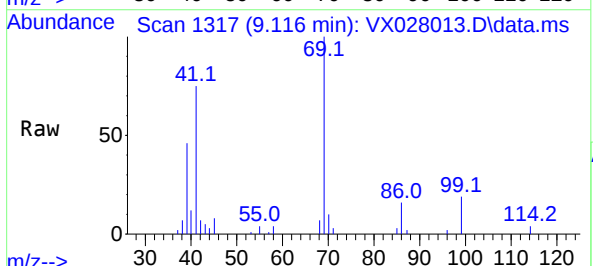
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

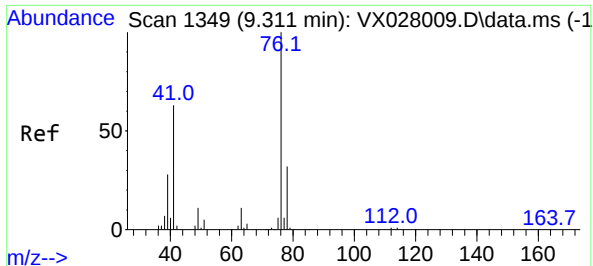


#56
Ethyl methacrylate
Concen: 4.306 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion: 69 Resp: 6356

Ion	Ratio	Lower	Upper
69	100		
41	75.9	43.8	65.6#
39	45.8	22.2	33.2#





#57

1,3-Dichloropropane

Concen: 4.635 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 743

Ion Ratio Lower Upper

76 100

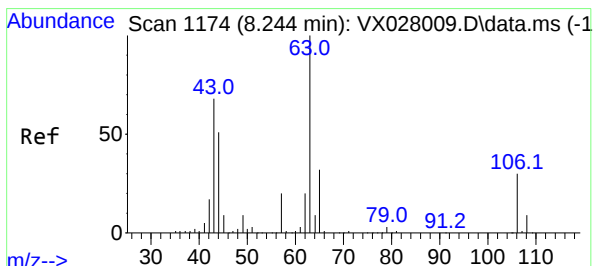
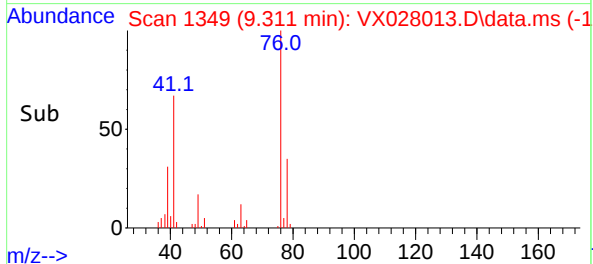
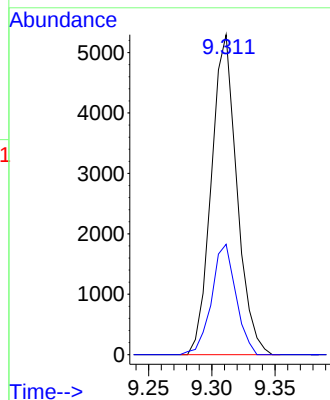
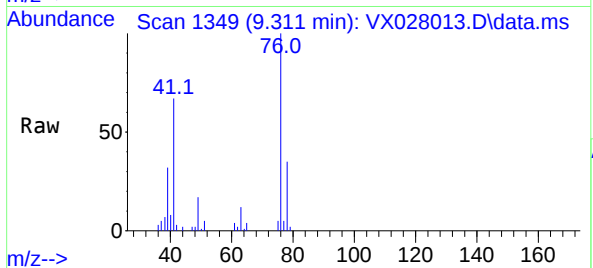
78 32.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 20.805 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028013.D

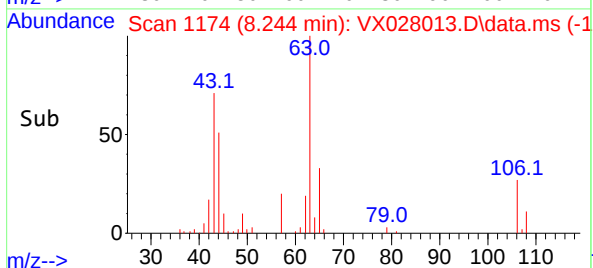
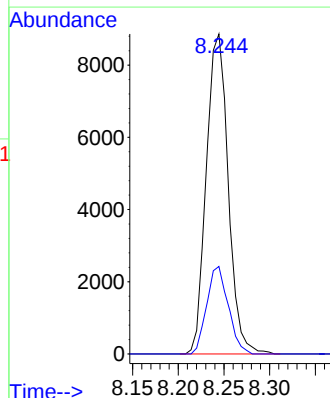
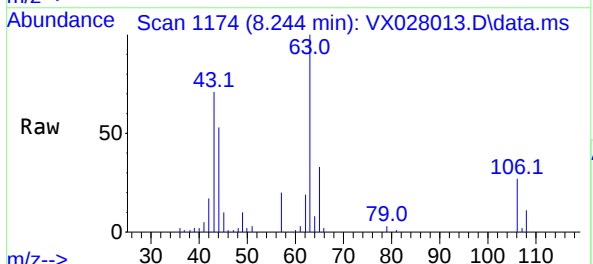
Acq: 07 Apr 2022 16:03

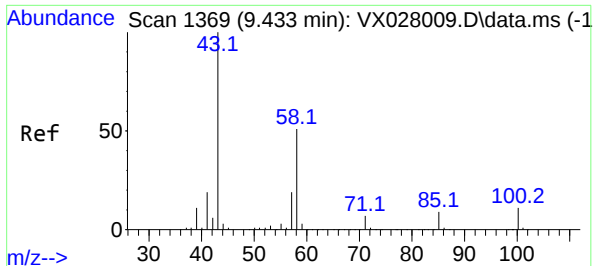
Tgt Ion: 63 Resp: 14771

Ion Ratio Lower Upper

63 100

106 26.9 23.9 35.9





#59

2-Hexanone

Concen: 22.668 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 2782

Ion Ratio Lower Upper

43 100

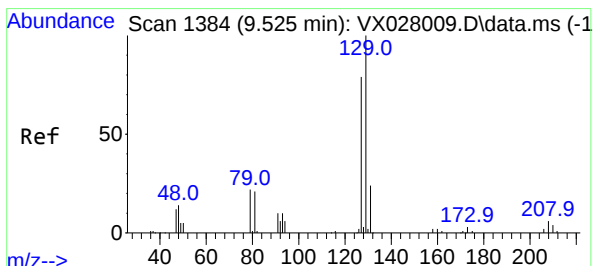
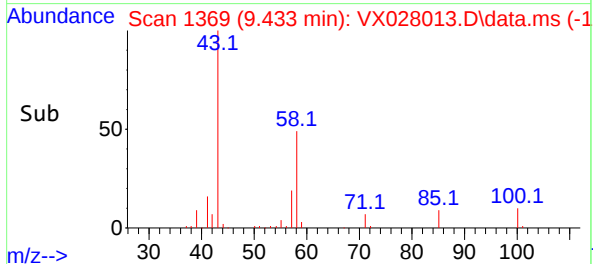
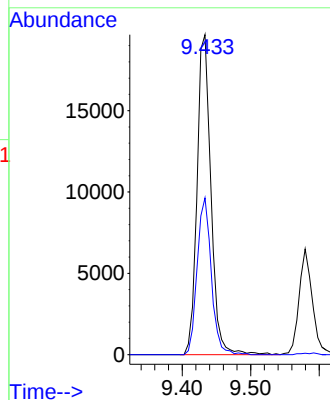
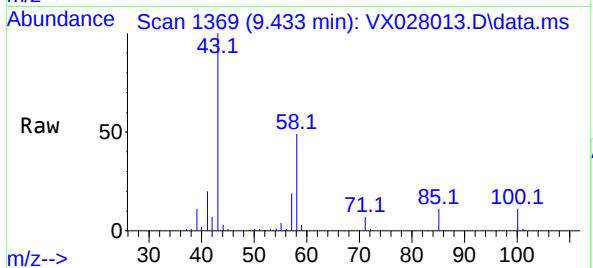
58 49.8 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#60

Dibromochloromethane

Concen: 4.206 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX028013.D

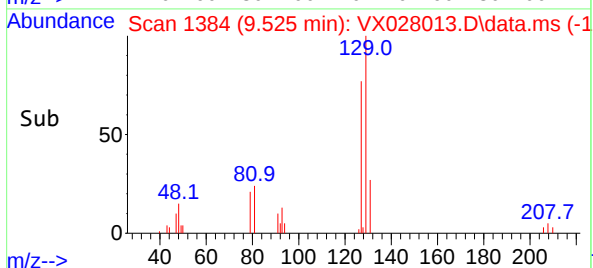
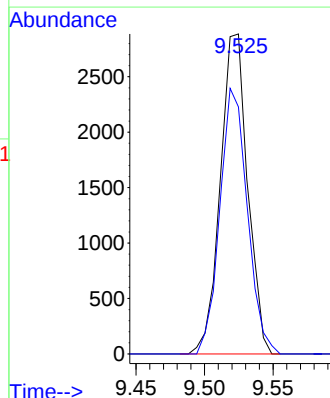
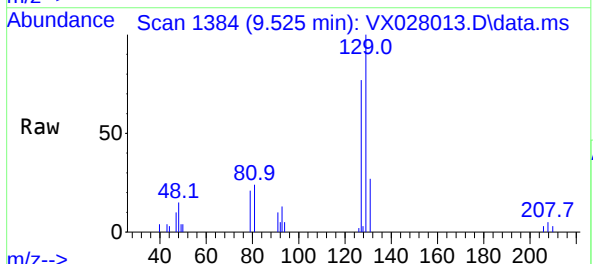
Acq: 07 Apr 2022 16:03

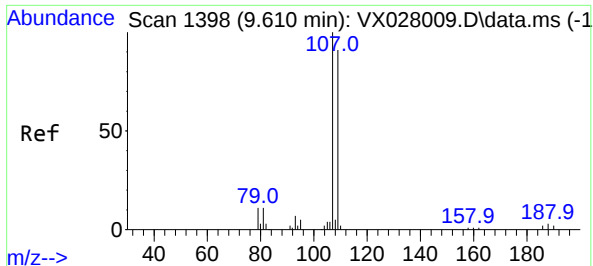
Tgt Ion:129 Resp: 4004

Ion Ratio Lower Upper

129 100

127 83.5 40.3 120.8





#61
1,2-Dibromoethane
Concen: 4.734 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

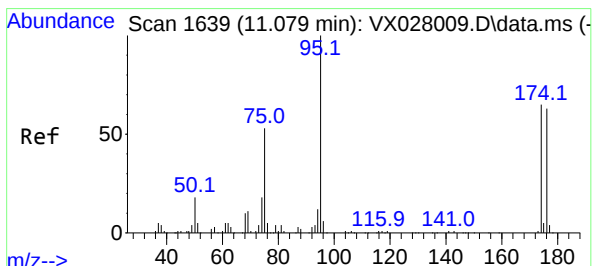
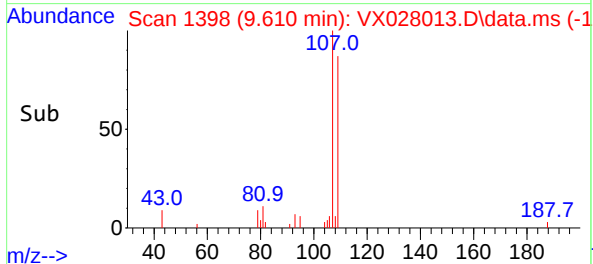
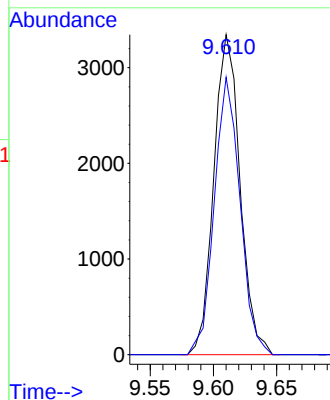
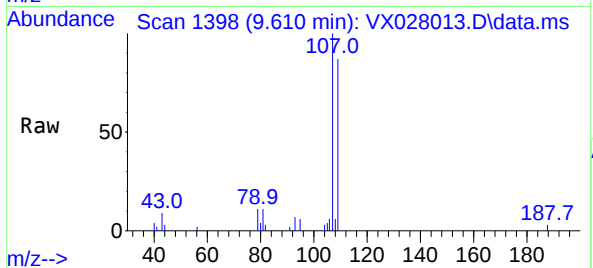
Tgt Ion:107 Resp: 4820
Ion Ratio Lower Upper
107 100
109 85.0 74.4 111.6

Manual Integrations

APPROVED

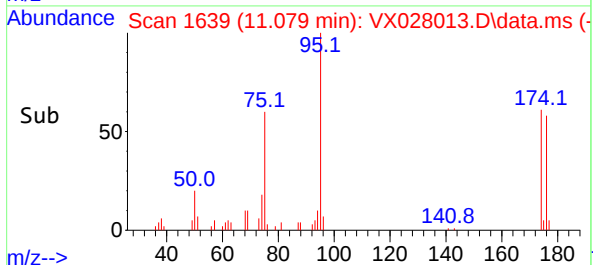
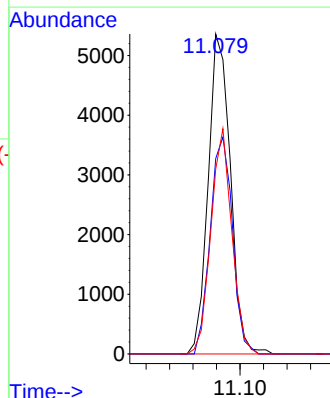
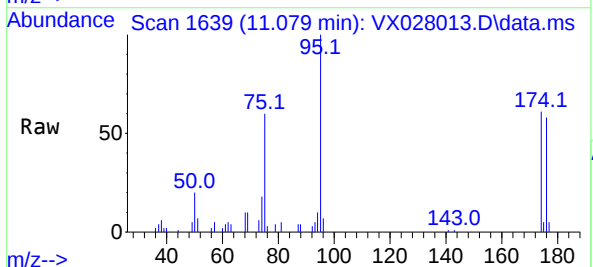
Reviewed By :John Carlone 04/08/2022

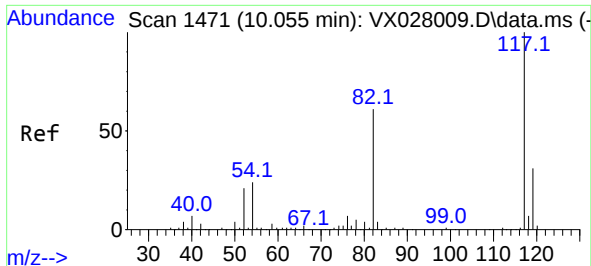
Supervised By :Mahesh Dadoda 04/08/2022



#62
4-Bromofluorobenzene
Concen: 5.270 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

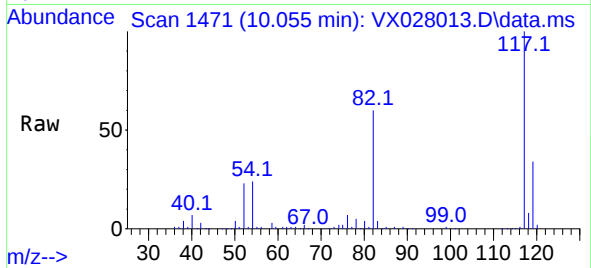
Tgt Ion: 95 Resp: 7008
Ion Ratio Lower Upper
95 100
174 68.2 0.0 163.0
176 66.4 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

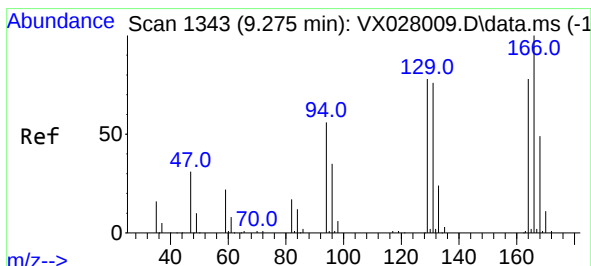
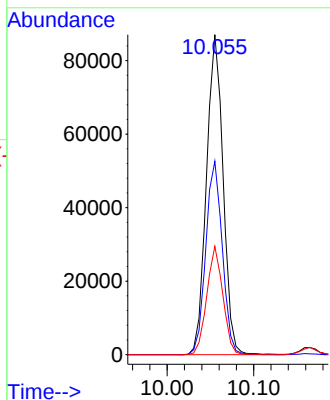
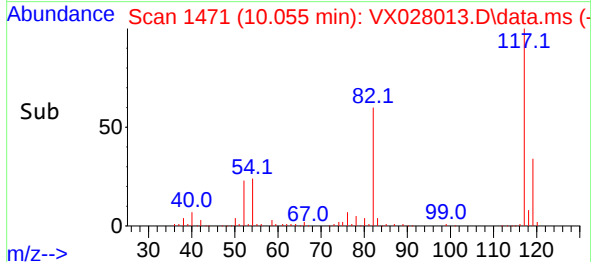
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



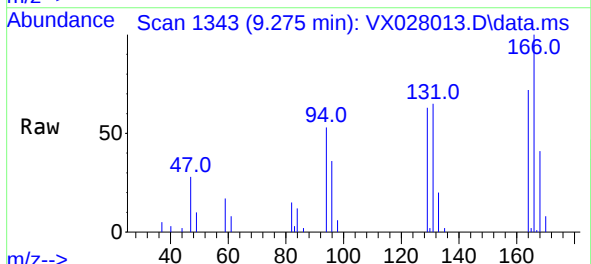
Tgt Ion:117 Resp: 11626
Ion Ratio Lower Upper
117 100
82 60.5 41.8 62.8
119 33.9 24.8 37.2

Manual Integrations
APPROVED

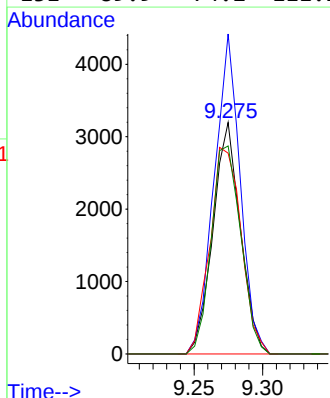
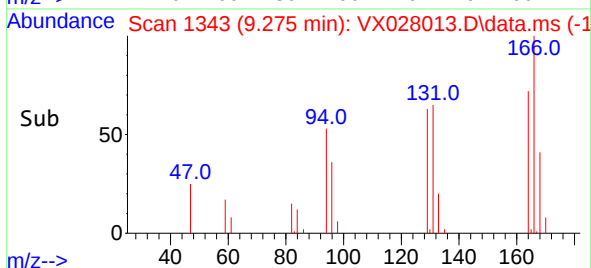
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

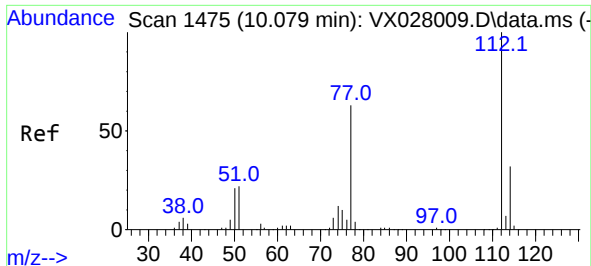


#64
Tetrachloroethene
Concen: 5.138 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



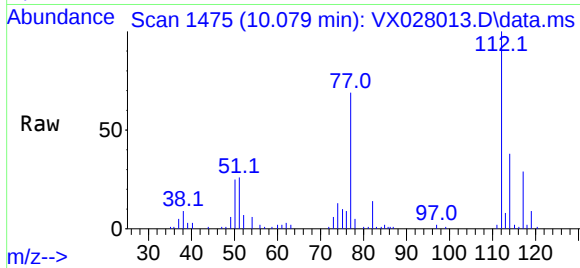
Tgt Ion:164 Resp: 4439
Ion Ratio Lower Upper
164 100
166 138.2 101.2 151.8
129 86.7 73.0 109.4
131 89.9 74.2 111.2





#65
Chlorobenzene
Concen: 4.650 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

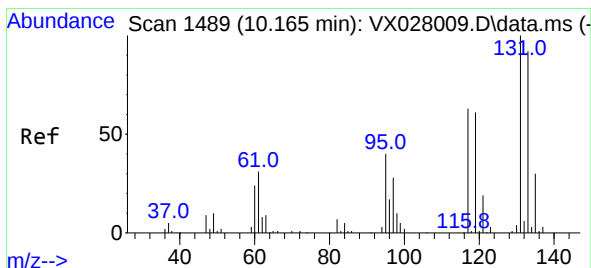
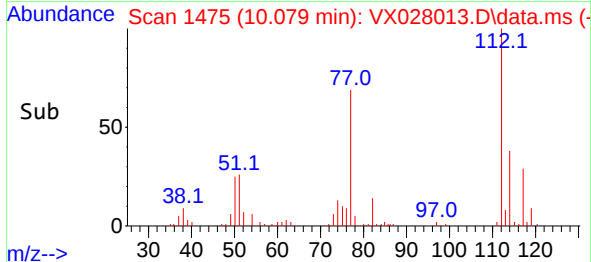
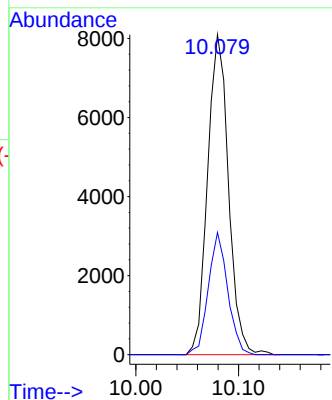
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:112 Resp: 1148
Ion Ratio Lower Upper
112 100
114 38.2 25.8 38.8

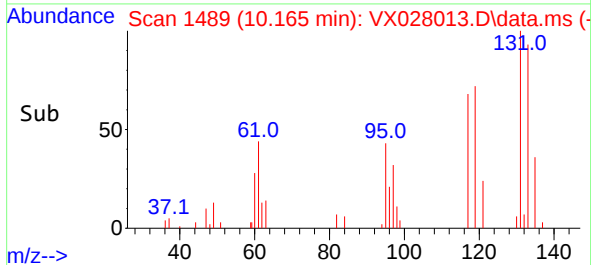
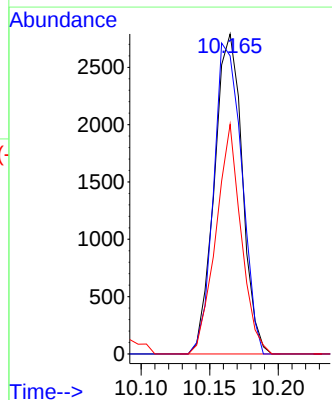
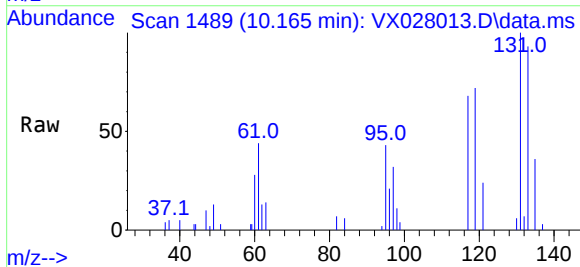
Manual Integrations
APPROVED

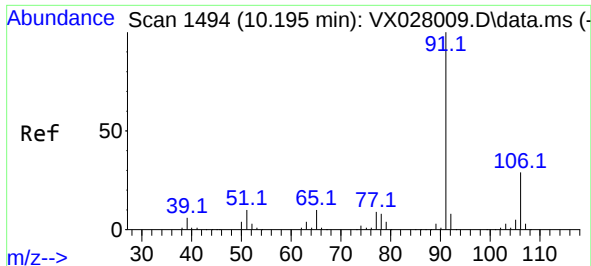
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.362 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion:131 Resp: 3942
Ion Ratio Lower Upper
131 100
133 98.1 48.3 144.8
119 65.1 32.6 98.0





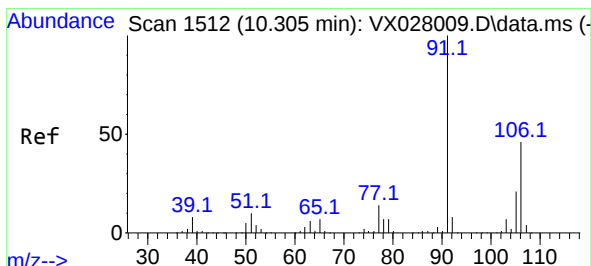
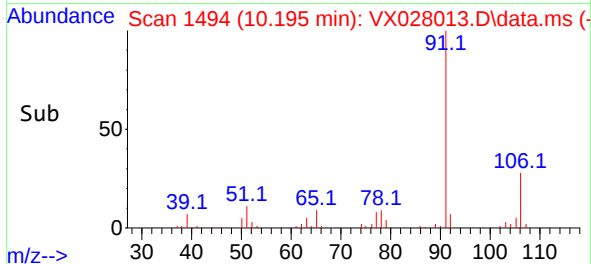
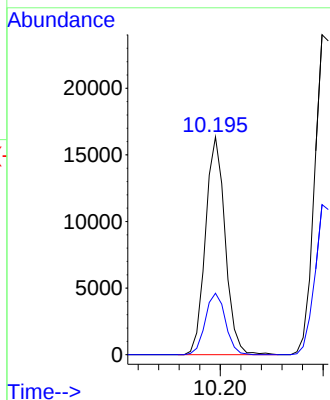
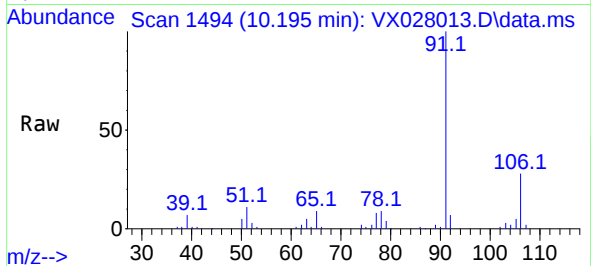
#67
Ethyl Benzene
Concen: 4.805 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2180
Ion Ratio Lower Upper
91 100
106 28.2 24.6 36.8

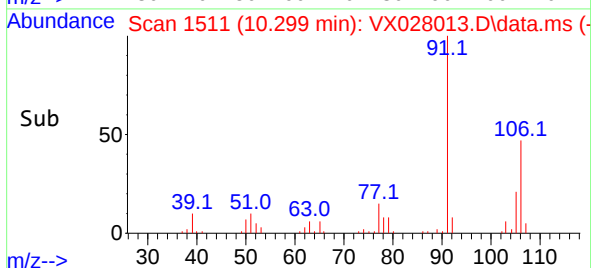
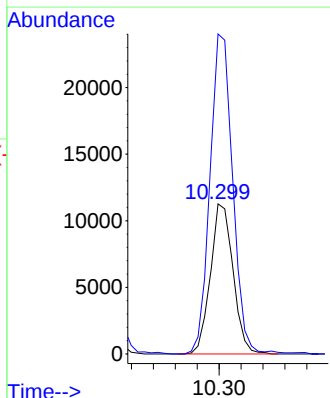
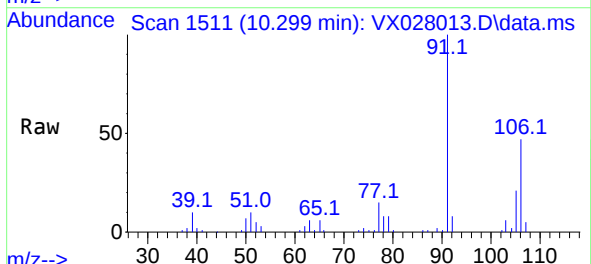
Manual Integrations
APPROVED

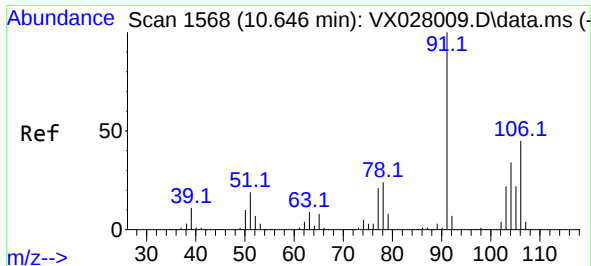
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#68
m/p-Xylenes
Concen: 9.577 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion:106 Resp: 16163
Ion Ratio Lower Upper
106 100
91 214.6 160.4 240.6





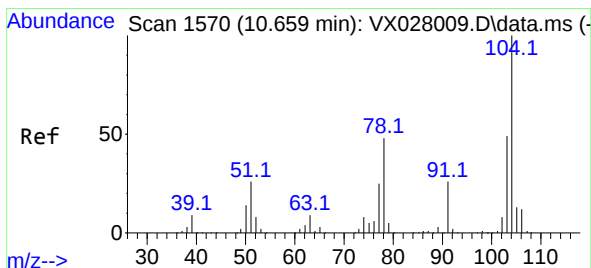
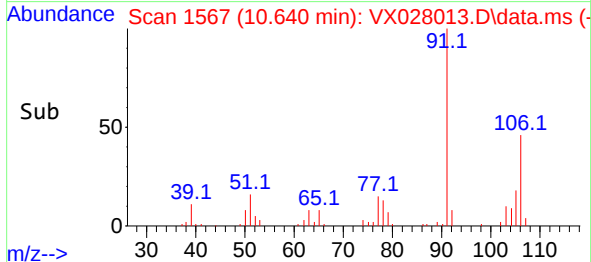
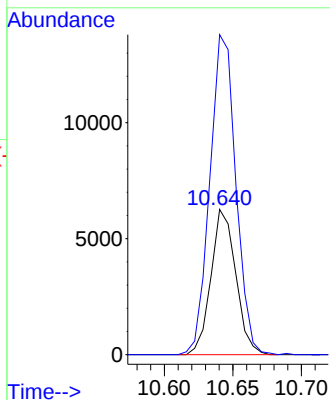
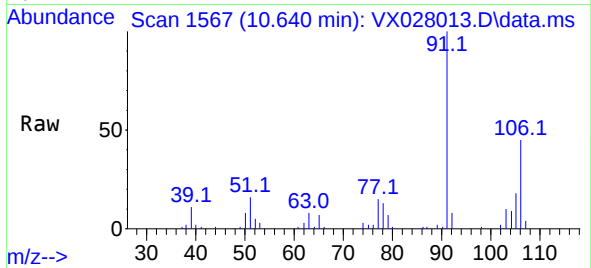
#69
o-Xylene
Concen: 4.731 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 7880
Ion Ratio Lower Upper
106 100
91 231.5 106.1 318.1

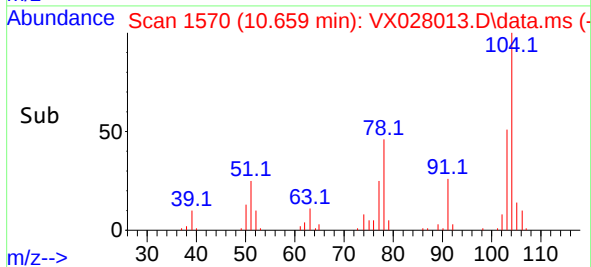
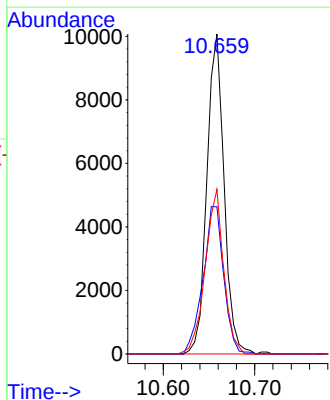
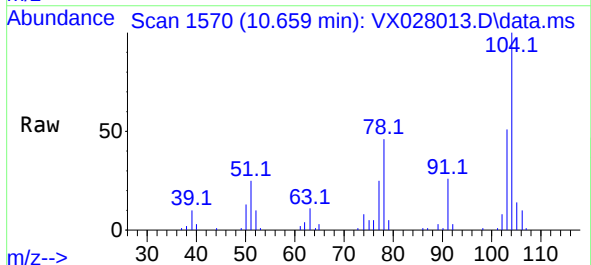
Manual Integrations
APPROVED

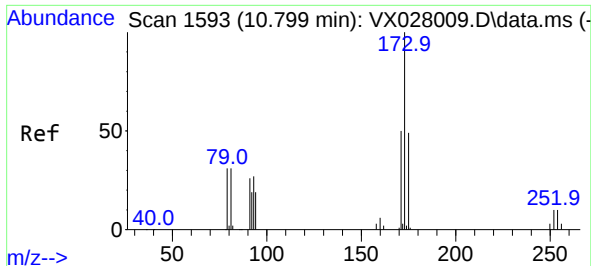
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#70
Styrene
Concen: 4.789 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

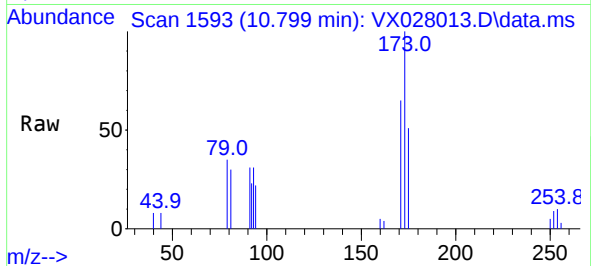
Tgt Ion:104 Resp: 13143
Ion Ratio Lower Upper
104 100
78 55.6 38.6 57.8
103 55.4 43.8 65.8





#71
Bromoform
Concen: 3.925 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

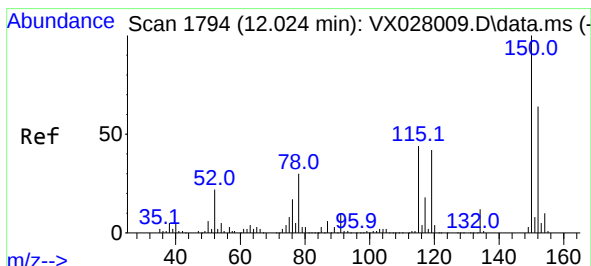
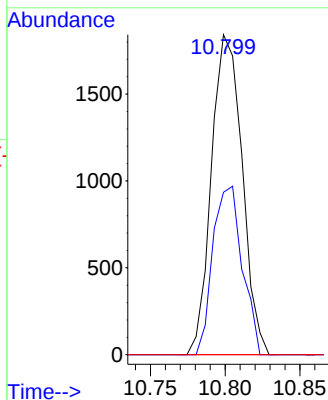
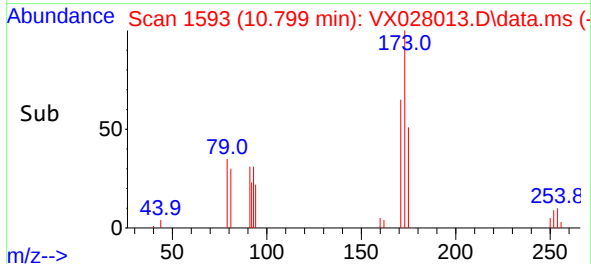
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 263
Ion Ratio Lower Upper
173 100
175 50.3 24.1 72.2
254 0.0 0.1 0.1

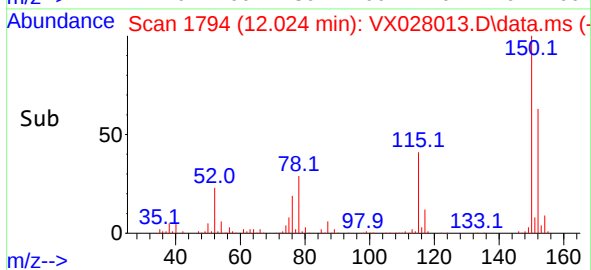
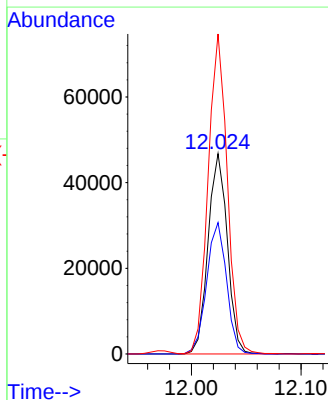
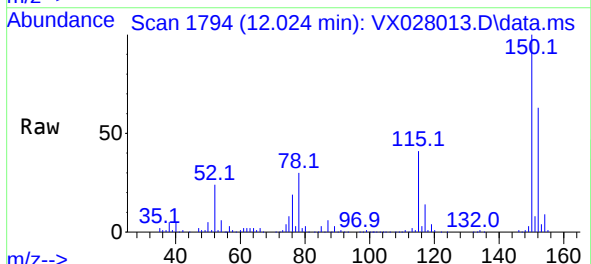
Manual Integrations
APPROVED

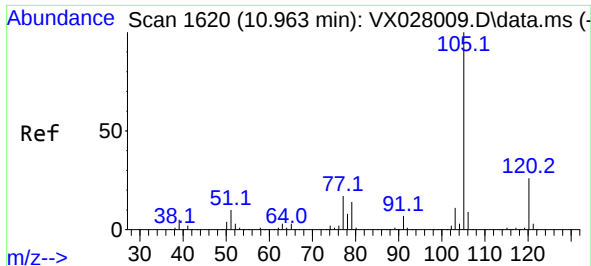
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

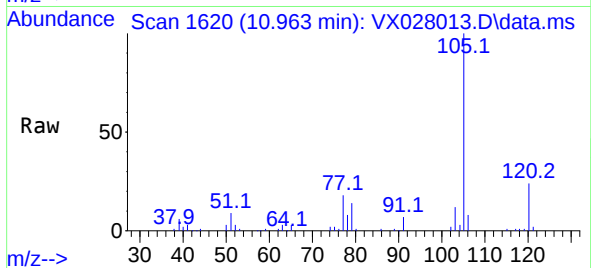
Tgt Ion:152 Resp: 57061
Ion Ratio Lower Upper
152 100
115 67.8 37.5 112.7
150 158.8 0.0 338.2





#73
Isopropylbenzene
Concen: 4.780 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

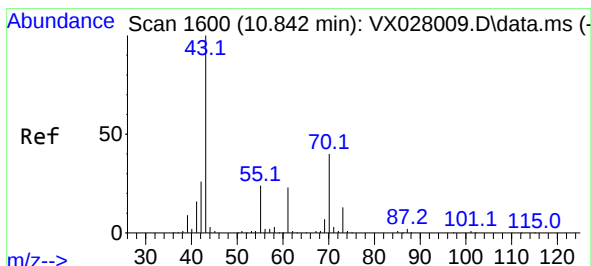
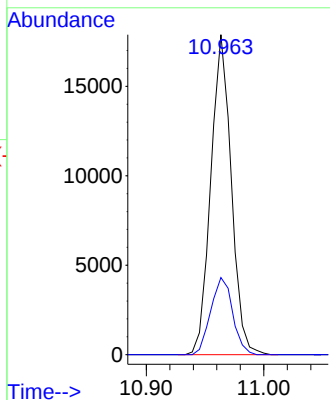
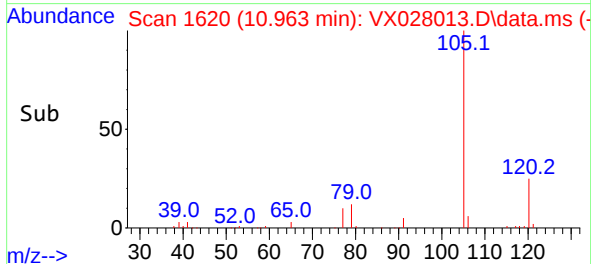
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



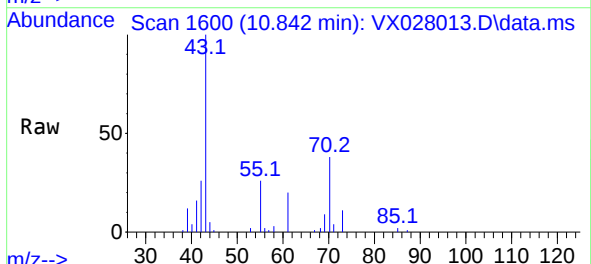
Tgt Ion:105 Resp: 21620
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.5

Manual Integrations
APPROVED

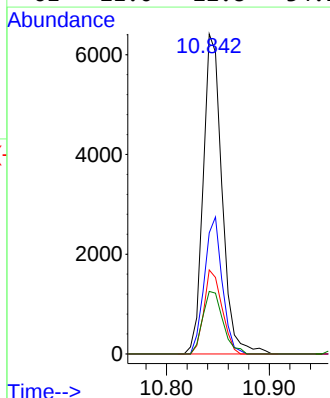
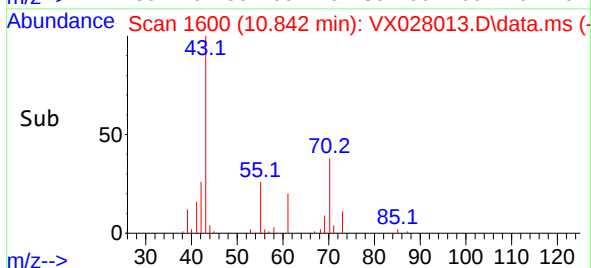
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

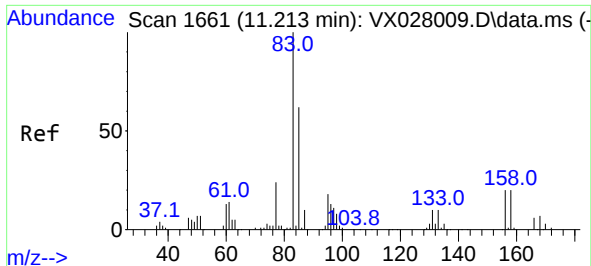


#74
N-ethyl acetate
Concen: 3.978 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



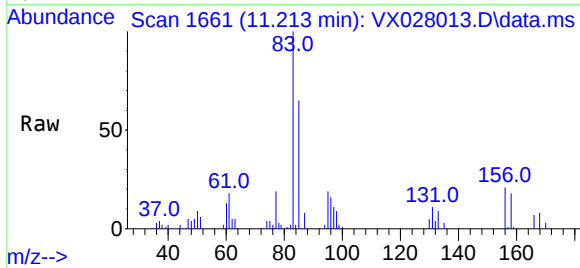
Tgt Ion: 43 Resp: 8180
Ion Ratio Lower Upper
43 100
70 40.6 42.5 63.7#
55 25.1 23.1 34.7
61 21.0 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.363 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

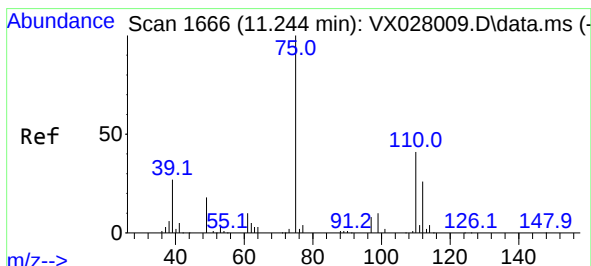
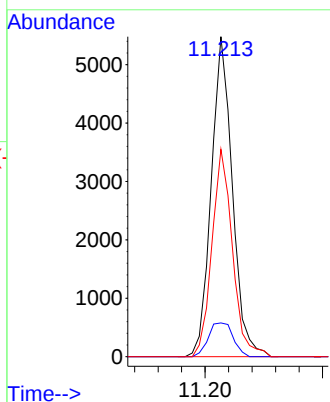
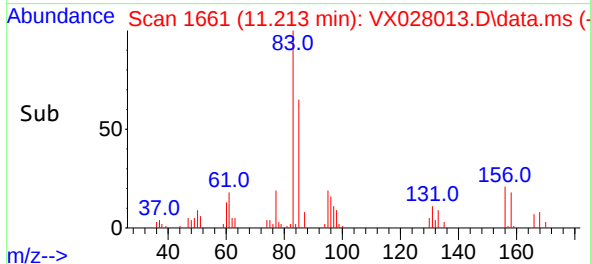
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



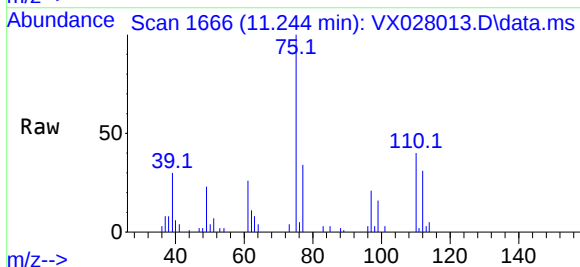
Tgt Ion: 83 Resp: 683
Ion Ratio Lower Upper
83 100
131 12.4 5.1 15.3
85 63.1 32.6 97.7

Manual Integrations
APPROVED

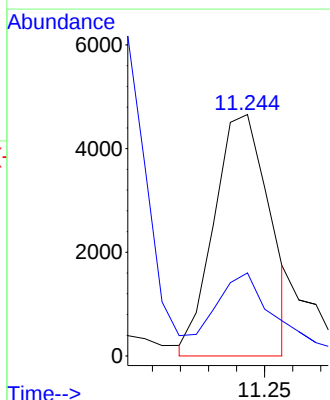
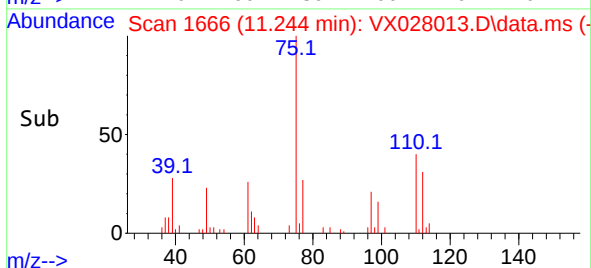
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

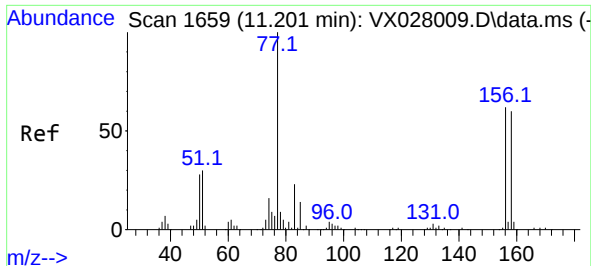


#76
1,2,3-Trichloropropane
Concen: 4.352 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



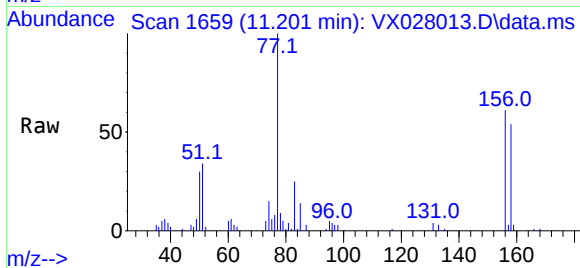
Tgt Ion: 75 Resp: 6414
Ion Ratio Lower Upper
75 100
77 38.8 19.4 58.2





#77
Bromobenzene
Concen: 4.720 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

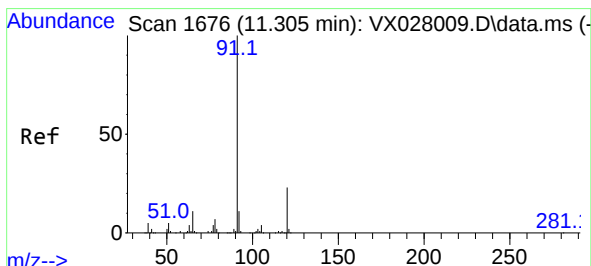
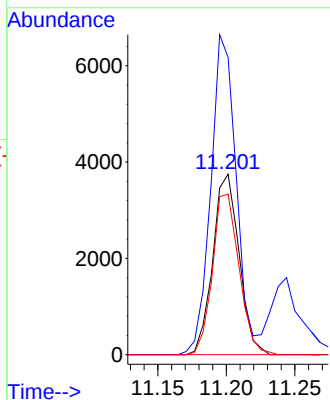
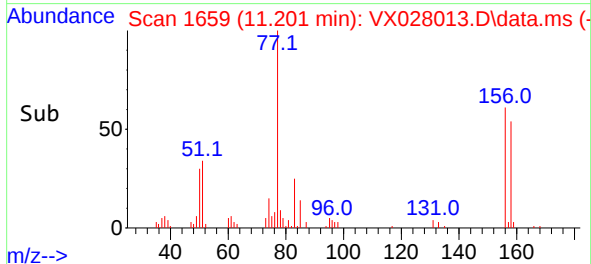
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



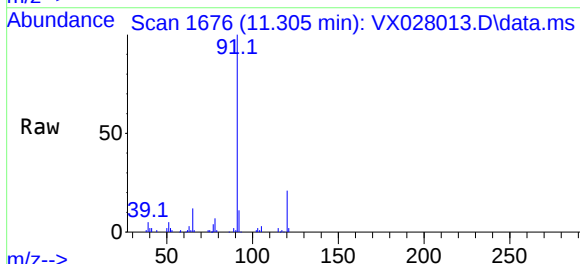
Tgt Ion:156 Resp: 5008
Ion Ratio Lower Upper
156 100
77 169.5 78.5 235.3
158 89.7 50.2 150.7

Manual Integrations
APPROVED

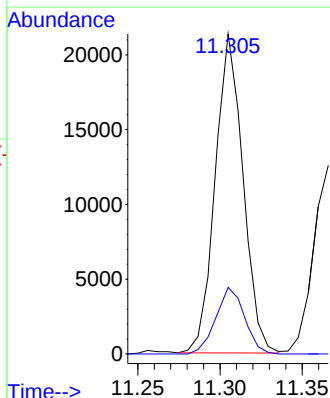
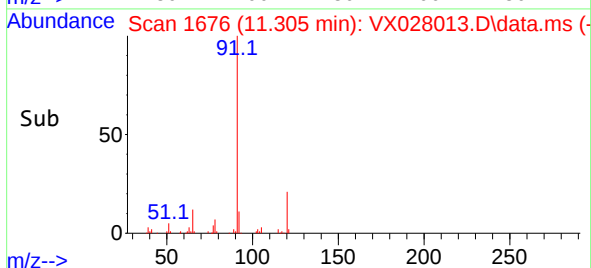
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

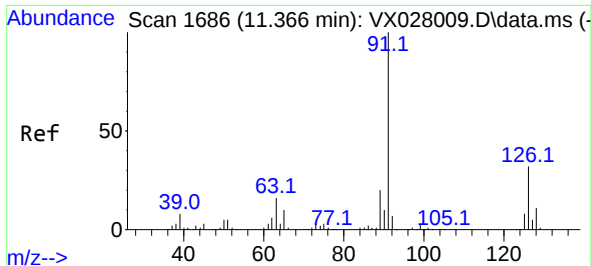


#78
n-propylbenzene
Concen: 4.615 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion: 91 Resp: 25077
Ion Ratio Lower Upper
91 100
120 21.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 4.715 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1582

Ion Ratio Lower Upper

91 100

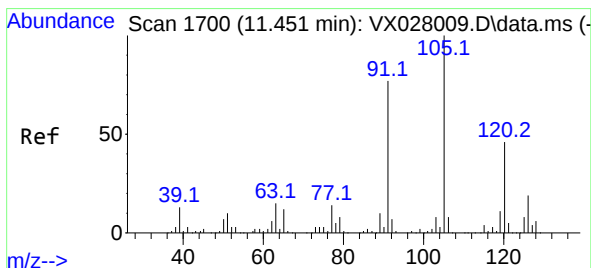
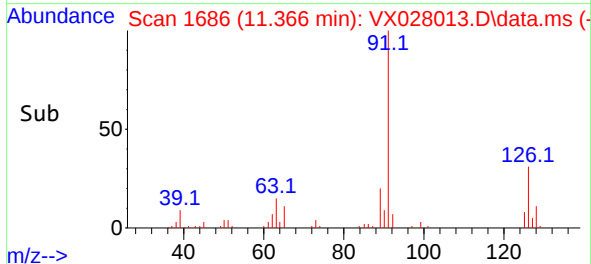
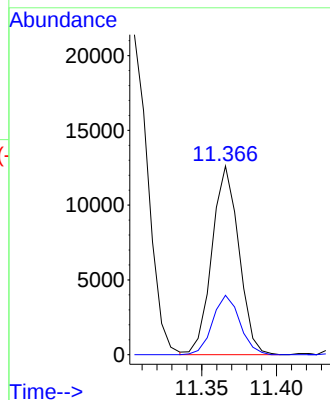
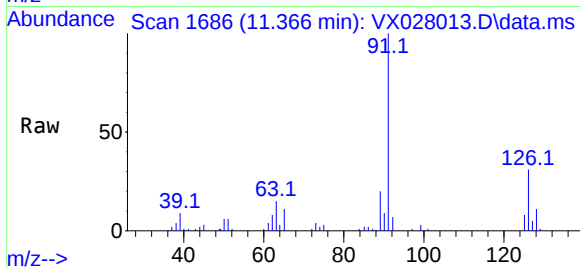
126 31.7 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#80

1,3,5-Trimethylbenzene

Concen: 4.461 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX028013.D

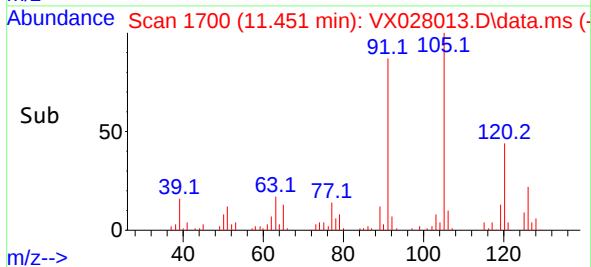
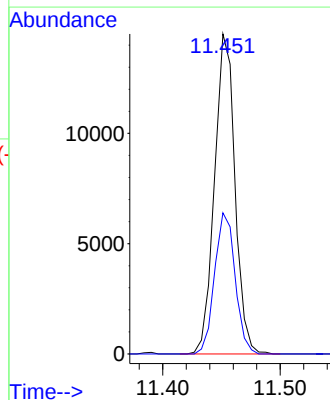
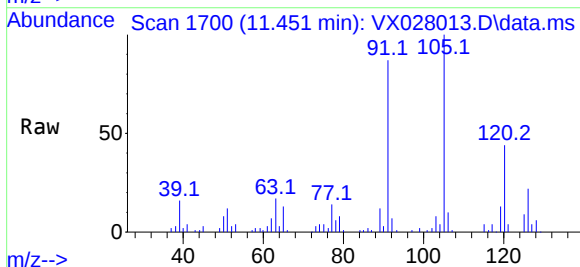
Acq: 07 Apr 2022 16:03

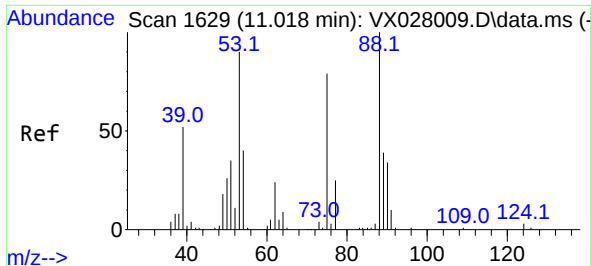
Tgt Ion:105 Resp: 17526

Ion Ratio Lower Upper

105 100

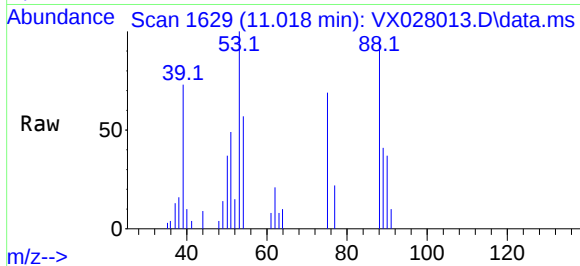
120 44.3 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 3.500 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

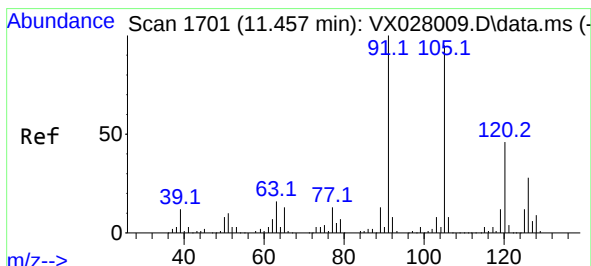
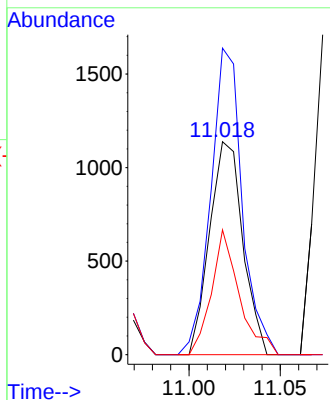
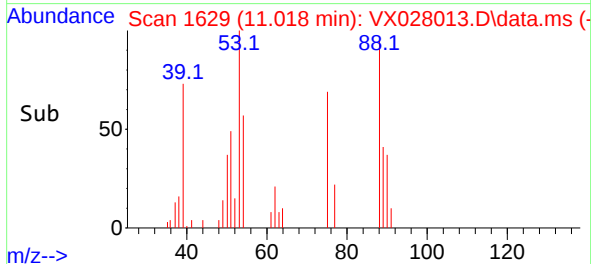
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



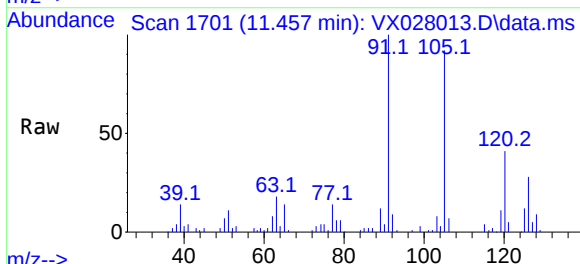
Tgt Ion: 75 Resp: 1438
Ion Ratio Lower Upper
75 100
53 136.2 69.0 103.4
89 49.2 37.0 55.6

Manual Integrations
APPROVED

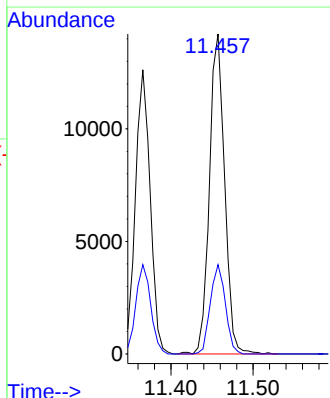
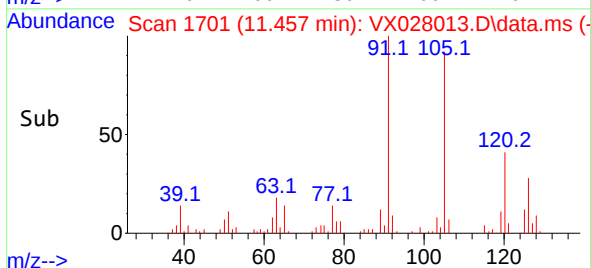
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

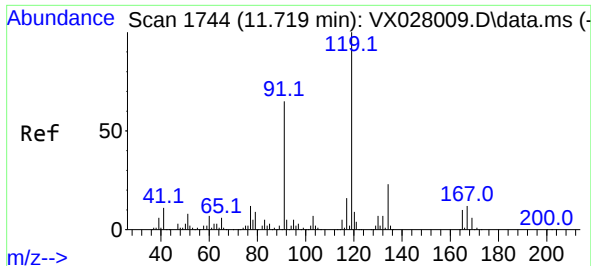


#82
4-Chlorotoluene
Concen: 4.646 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion: 91 Resp: 18249
Ion Ratio Lower Upper
91 100
126 27.6 14.9 44.5





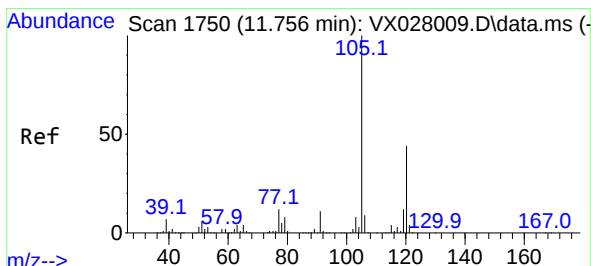
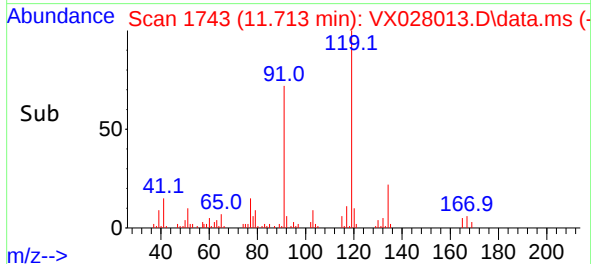
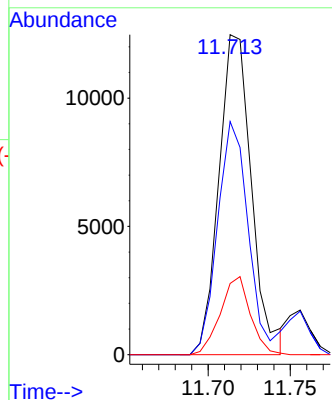
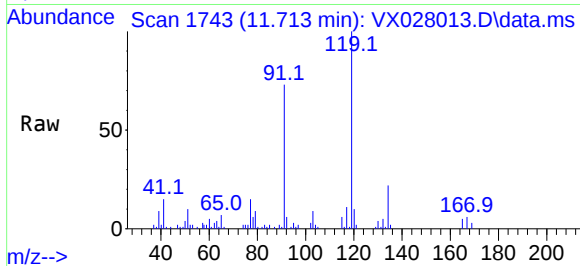
#83
tert-Butylbenzene
Concen: 4.756 ug/l
RT: 11.713 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 1719
Ion Ratio Lower Upper
119 100
91 68.1 26.9 80.6
134 22.5 11.4 34.2

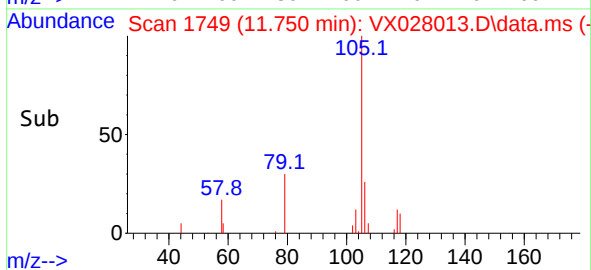
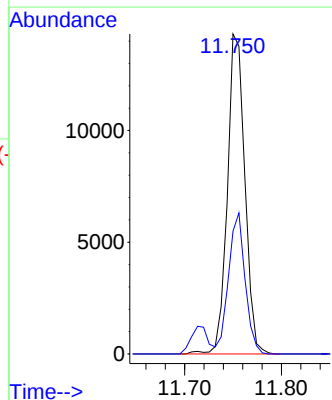
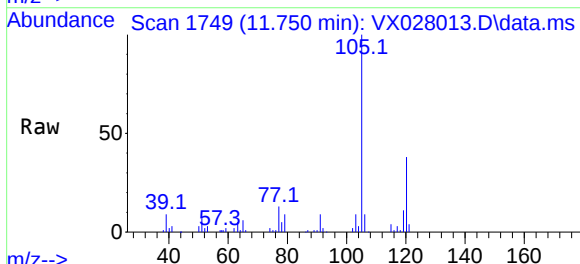
Manual Integrations
APPROVED

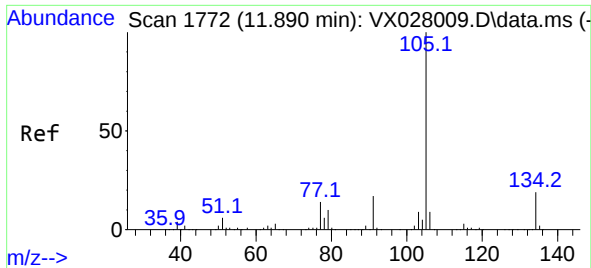
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#84
1,2,4-Trimethylbenzene
Concen: 4.589 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

Tgt Ion:105 Resp: 17940
Ion Ratio Lower Upper
105 100
120 41.8 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 4.615 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028013.D
 Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

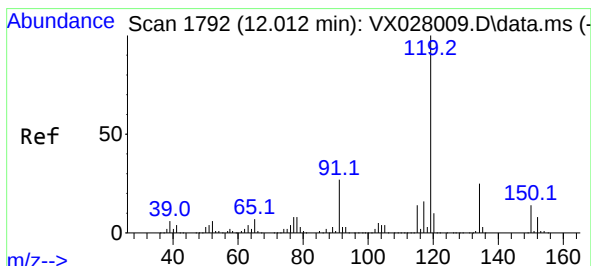
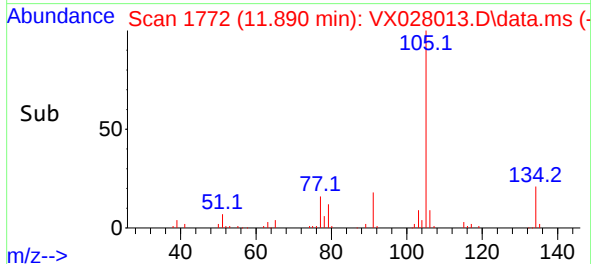
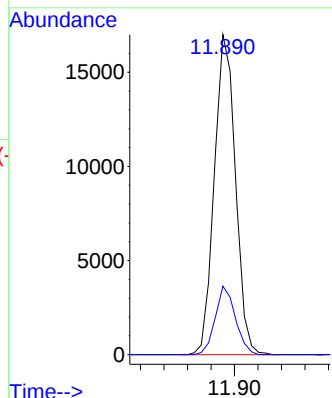
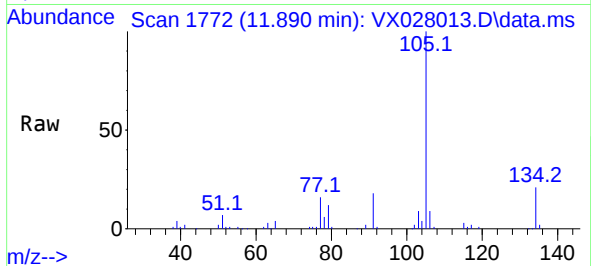
VSTDICC005

Tgt Ion:105 Resp: 21204
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations

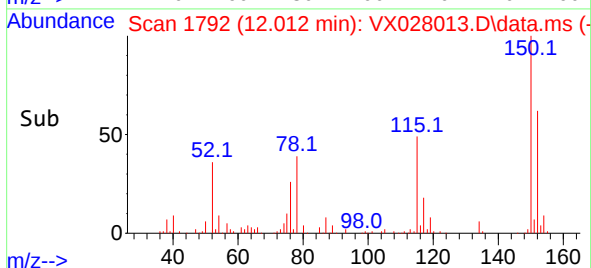
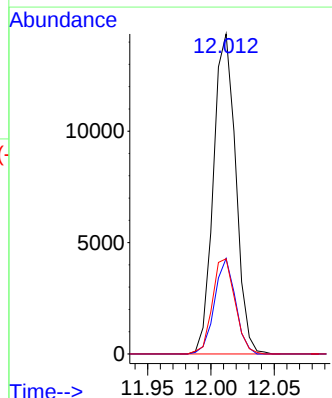
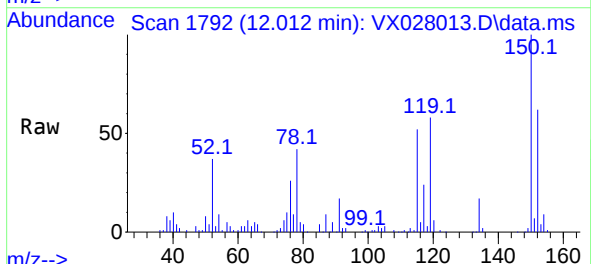
APPROVED

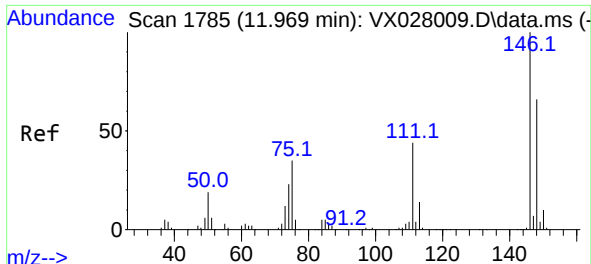
Reviewed By :John Carlone 04/08/2022
 Supervised By :Mahesh Dadoda 04/08/2022



#86
 p-Isopropyltoluene
 Concen: 4.636 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028013.D
 Acq: 07 Apr 2022 16:03

Tgt Ion:119 Resp: 17628
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.0 39.0
 91 30.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 4.691 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

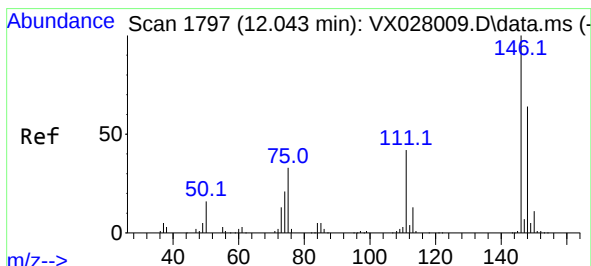
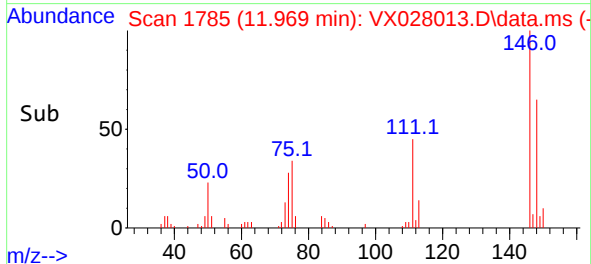
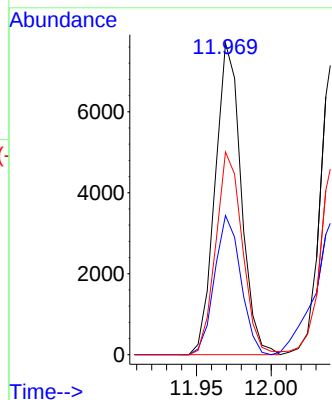
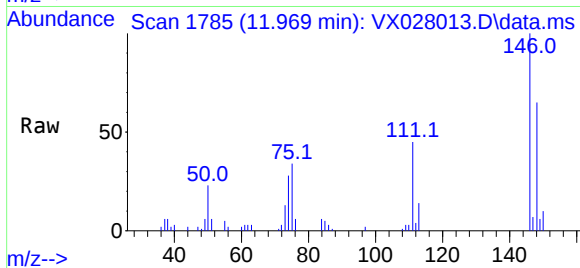
Tgt Ion:146 Resp: 9310
 Ion Ratio Lower Upper
 146 100
 111 44.9 19.7 59.1
 148 66.4 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#88

1,4-Dichlorobenzene

Concen: 4.949 ug/l

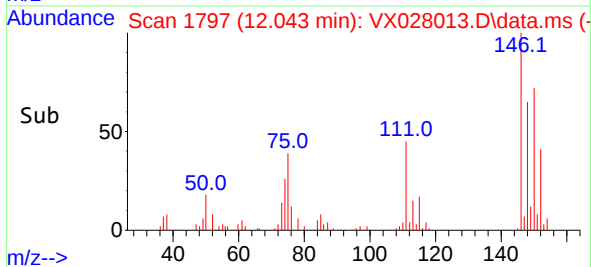
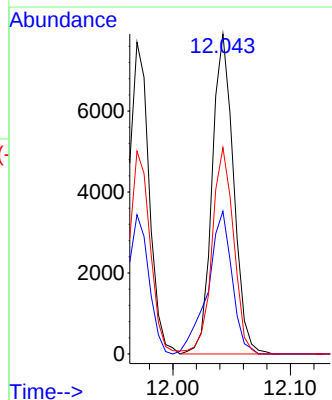
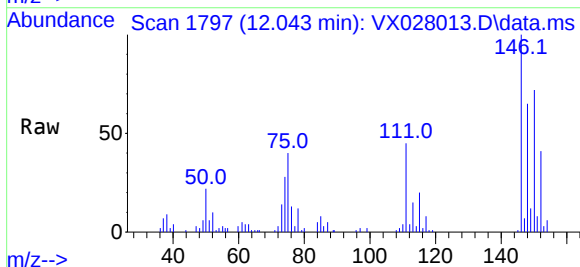
RT: 12.043 min Scan# 1797

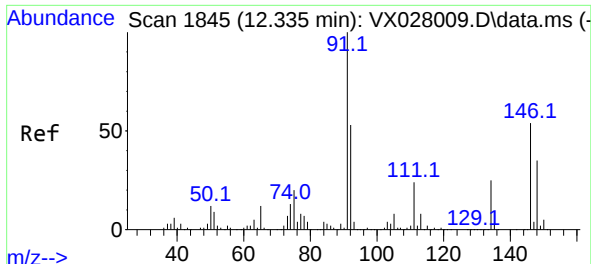
Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Tgt Ion:146 Resp: 10035
 Ion Ratio Lower Upper
 146 100
 111 50.6 19.2 57.6
 148 64.8 32.3 96.9





#89

n-Butylbenzene

Concen: 4.541 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1561

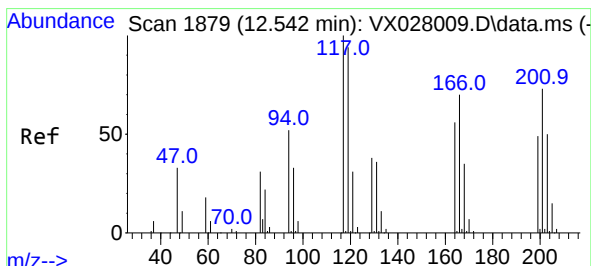
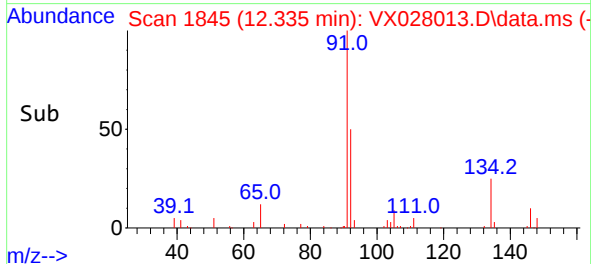
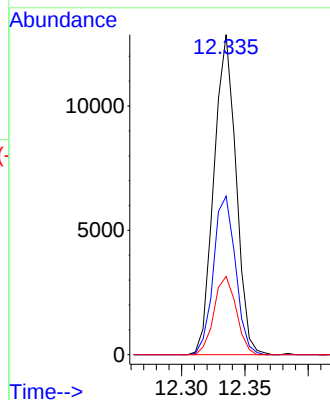
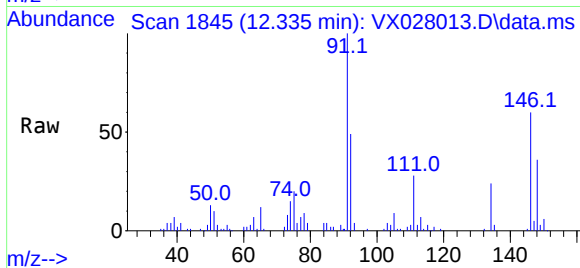
Ion	Ratio	Lower	Upper
91	100		
92	49.5	27.8	83.3
134	24.6	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/08/2022

Supervised By :Mahesh Dadoda 04/08/2022



#90

Hexachloroethane

Concen: 4.068 ug/l

RT: 12.542 min Scan# 1879

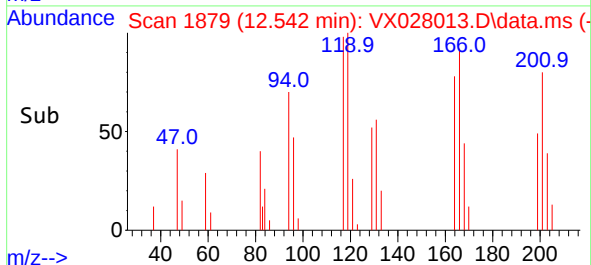
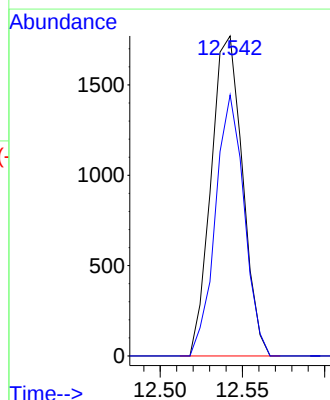
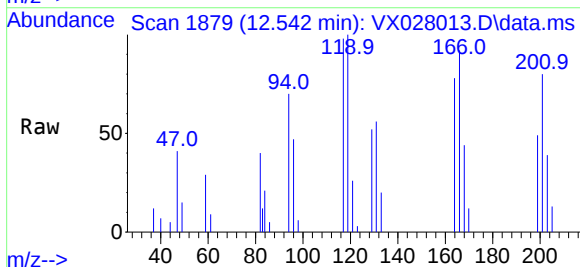
Delta R.T. 0.000 min

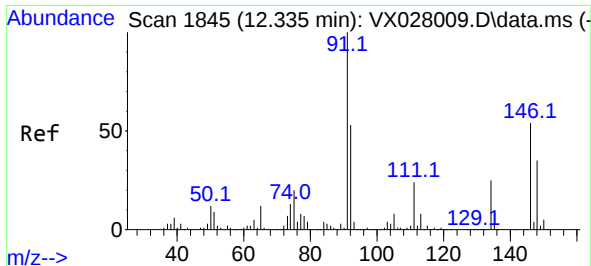
Lab File: VX028013.D

Acq: 07 Apr 2022 16:03

Tgt Ion:117 Resp: 2355

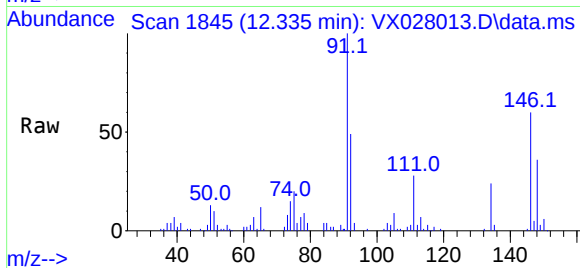
Ion	Ratio	Lower	Upper
117	100		
201	74.8	39.5	118.5





#91
1,2-Dichlorobenzene
Concen: 4.833 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

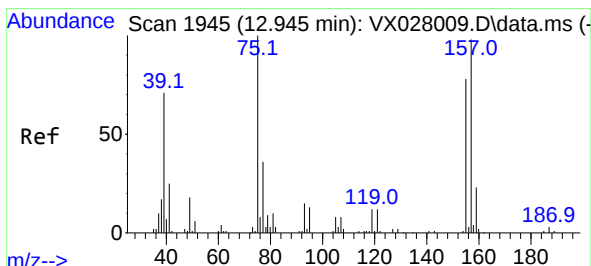
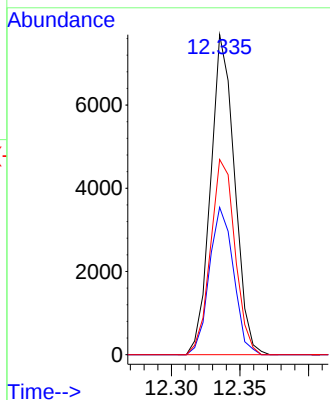
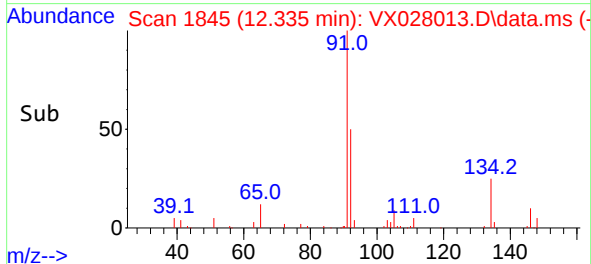
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



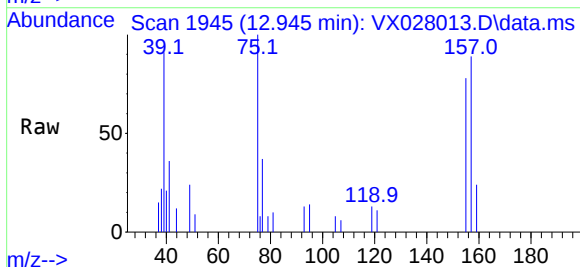
Tgt Ion:146 Resp: 9340
Ion Ratio Lower Upper
146 100
111 46.5 21.0 63.0
148 62.5 32.6 97.7

Manual Integrations
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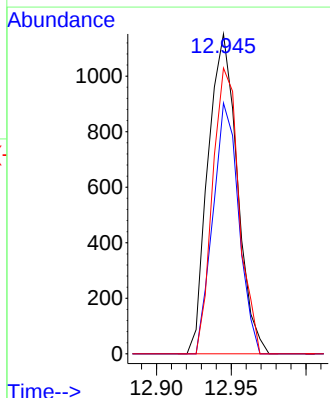
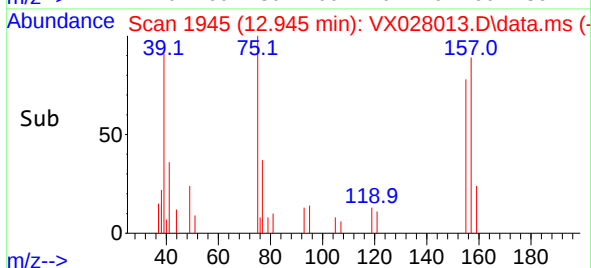
Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

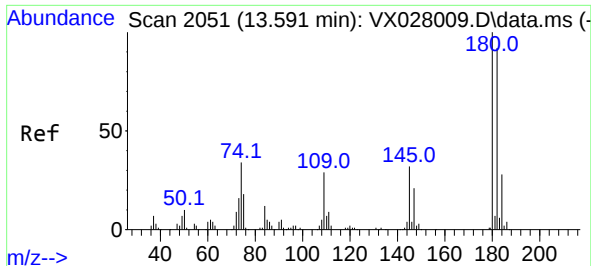


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.955 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



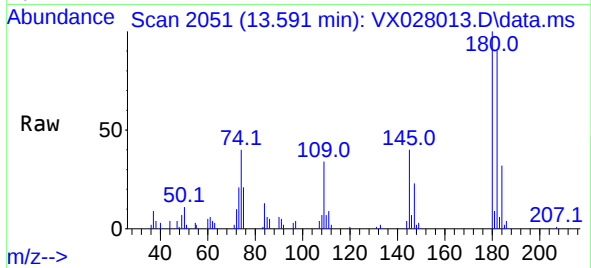
Tgt Ion: 75 Resp: 1565
Ion Ratio Lower Upper
75 100
155 69.0 47.0 141.2
157 80.8 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 4.720 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

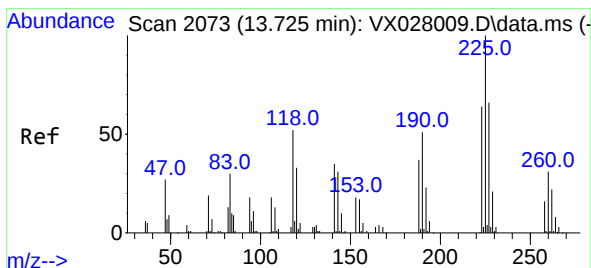
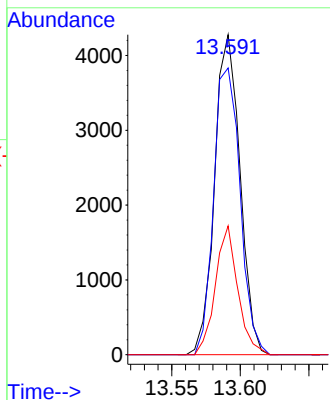
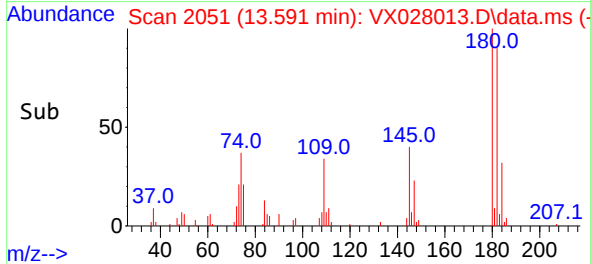
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



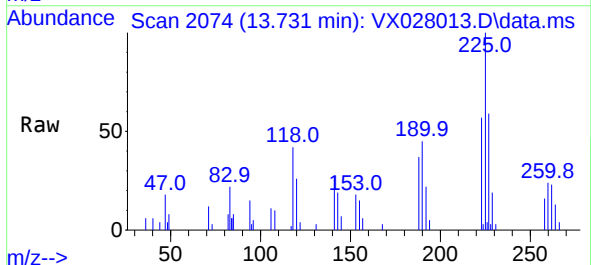
Tgt Ion:180 Resp: 5520
Ion Ratio Lower Upper
180 100
182 93.2 47.7 143.1
145 35.5 15.2 45.5

Manual Integrations
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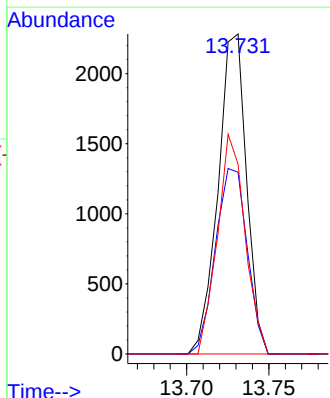
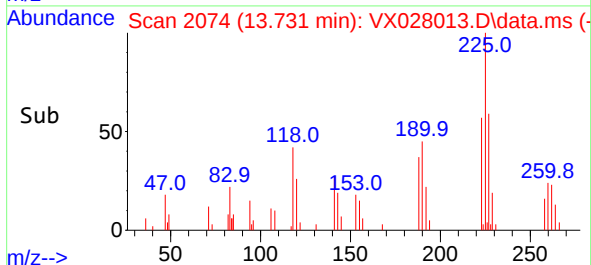
Reviewed By :John Carbone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

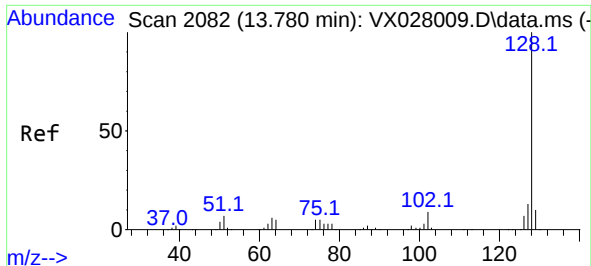


#94
Hexachlorobutadiene
Concen: 5.163 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



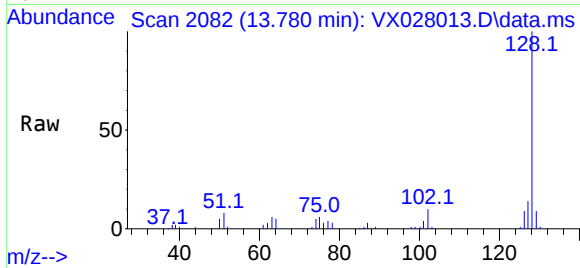
Tgt Ion:225 Resp: 2758
Ion Ratio Lower Upper
225 100
223 64.5 34.2 102.5
227 66.4 33.9 101.7





#95
Naphthalene
Concen: 4.461 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03

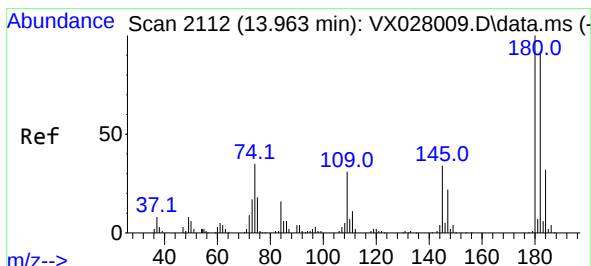
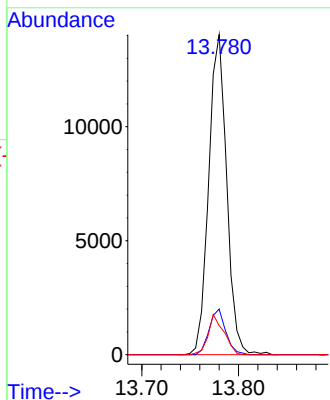
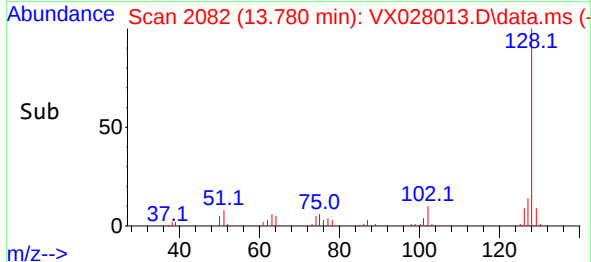
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



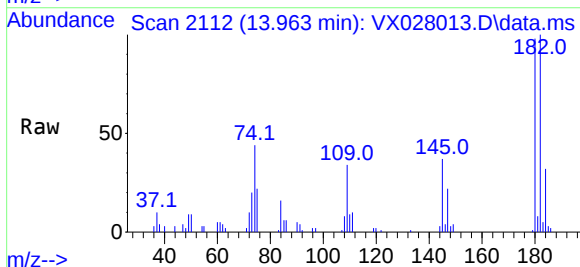
Tgt Ion:128 Resp: 1814
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.708 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX028013.D
Acq: 07 Apr 2022 16:03



Tgt Ion:180 Resp: 5439
Ion Ratio Lower Upper
180 100
182 99.8 50.0 149.8
145 33.5 16.2 48.5

