

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032400.D
 Acq On : 26 Oct 2022 13:25
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 07:00:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:59:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	191757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	9202	5.445	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.880%#		
35) Dibromofluoromethane	5.385	113	7316	5.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.700%#		
50) Toluene-d8	8.653	98	24037	5.054	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.100%#		
62) 4-Bromofluorobenzene	11.085	95	8593	4.625	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.260%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6005	4.280	ug/l	96
3) Chloromethane	1.294	50	5022	4.233	ug/l	98
4) Vinyl Chloride	1.374	62	5969	4.571	ug/l	100
5) Bromomethane	1.605	94	5470	5.242	ug/l	99
6) Chloroethane	1.685	64	3946	4.505	ug/l	99
7) Trichlorofluoromethane	1.886	101	11631	4.701	ug/l	93
8) Diethyl Ether	2.130	74	3894	4.857	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	6332	4.849	ug/l	98
10) Methyl Iodide	2.453	142	4993	3.679	ug/l	99
11) Tert butyl alcohol	2.965	59	6753	27.453	ug/l	97
12) 1,1-Dichloroethene	2.319	96	5722	4.691	ug/l	92
13) Acrolein	2.239	56	7023	28.598	ug/l	98
14) Allyl chloride	2.666	41	8938	4.597	ug/l	97
15) Acrylonitrile	3.062	53	16807	25.175	ug/l	98
16) Acetone	2.380	43	15837	25.782	ug/l	99
17) Carbon Disulfide	2.514	76	11290	3.886	ug/l	97
18) Methyl Acetate	2.703	43	9581	4.796	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	20739	4.837	ug/l	99
20) Methylene Chloride	2.788	84	6993	4.965	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	6145	4.628	ug/l	98
22) Diisopropyl ether	3.763	45	20196	4.802	ug/l	89
23) Vinyl Acetate	3.721	43	80708	23.751	ug/l	100
24) 1,1-Dichloroethane	3.605	63	11947	4.938	ug/l	96
25) 2-Butanone	4.562	43	23962	25.179	ug/l	97
26) 2,2-Dichloropropane	4.477	77	9128	4.746	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	7449	4.853	ug/l	100
28) Bromochloromethane	4.897	49	4930	5.721	ug/l #	96
29) Tetrahydrofuran	5.013	42	14829	24.434	ug/l	98
30) Chloroform	5.092	83	12891	4.856	ug/l	97
31) Cyclohexane	5.477	56	9371	4.573	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	10930	4.588	ug/l	96
36) 1,1-Dichloropropene	5.696	75	8943	4.695	ug/l	97
37) Ethyl Acetate	4.714	43	10311	5.201	ug/l	96
38) Carbon Tetrachloride	5.678	117	9398	4.448	ug/l	98
39) Methylcyclohexane	7.379	83	10201	4.526	ug/l	96
40) Benzene	6.037	78	25776	4.782	ug/l	96

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:59:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	4843	4.795	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	10348	4.696	ug/l	99
43) Isopropyl Acetate	6.348	43	14403	4.731	ug/l	99
44) Trichloroethene	7.129	130	7122	4.694	ug/l	96
45) 1,2-Dichloropropane	7.434	63	6896	4.984	ug/l	95
46) Dibromomethane	7.586	93	5106	4.812	ug/l	98
47) Bromodichloromethane	7.824	83	9335	4.642	ug/l	97
48) Methyl methacrylate	7.696	41	7428	4.725	ug/l	99
49) 1,4-Dioxane	7.671	88	3367	112.373	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	47261	24.647	ug/l	98
52) Toluene	8.720	92	16451	4.678	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	8686	4.233	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	9898	4.510	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	7232	4.883	ug/l	96
56) Ethyl methacrylate	9.116	69	10010	4.697	ug/l	97
57) 1,3-Dichloropropane	9.311	76	11728	4.904	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	23758	23.150	ug/l	98
59) 2-Hexanone	9.433	43	35226	24.758	ug/l	100
60) Dibromochloromethane	9.525	129	7221	4.464	ug/l	98
61) 1,2-Dibromoethane	9.610	107	7453	4.749	ug/l	95
64) Tetrachloroethene	9.275	164	6068	4.939	ug/l	90
65) Chlorobenzene	10.079	112	19120	5.085	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	7075	4.999	ug/l	98
67) Ethyl Benzene	10.195	91	31661	4.708	ug/l	93
68) m/p-Xylenes	10.305	106	24361	9.330	ug/l	98
69) o-Xylene	10.640	106	11969	4.715	ug/l	96
70) Styrene	10.659	104	20115	4.768	ug/l	98
71) Bromoform	10.799	173	5088	4.547	ug/l #	99
73) Isopropylbenzene	10.963	105	32023	4.947	ug/l	99
74) N-amyl acetate	10.848	43	12203	4.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	11183	5.382	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	9527m	5.552	ug/l	
77) Bromobenzene	11.201	156	8285	5.221	ug/l	97
78) n-propylbenzene	11.305	91	36651	4.914	ug/l	99
79) 2-Chlorotoluene	11.366	91	22557	5.050	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	28020	5.065	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	2468	4.321	ug/l	96
82) 4-Chlorotoluene	11.457	91	25519	4.883	ug/l	100
83) tert-Butylbenzene	11.713	119	27951	5.061	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	27417	4.983	ug/l	97
85) sec-Butylbenzene	11.890	105	32967	4.960	ug/l	100
86) p-Isopropyltoluene	12.012	119	27867	4.942	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	15308	5.114	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	15520	4.998	ug/l	95
89) n-Butylbenzene	12.335	91	23592	4.809	ug/l	97
90) Hexachloroethane	12.542	117	4205	4.565	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	15238	5.162	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2225	4.884	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	9434	4.902	ug/l	98
94) Hexachlorobutadiene	13.725	225	4072	5.066	ug/l	99
95) Naphthalene	13.780	128	31762	4.953	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	9895	5.058	ug/l	97

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 06:59:10 2022
Response via : Initial Calibration

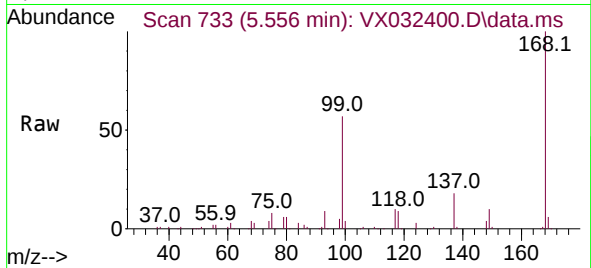
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

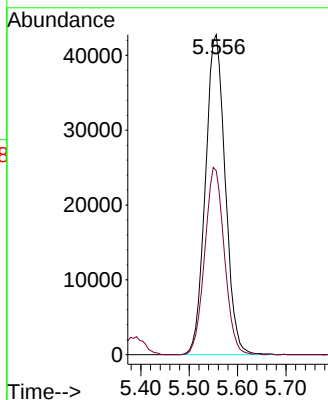
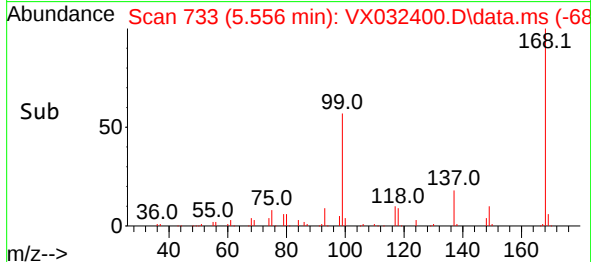
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 121635
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1

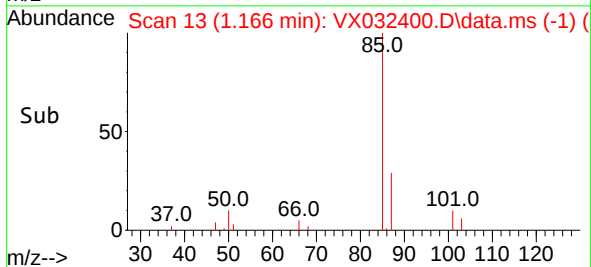
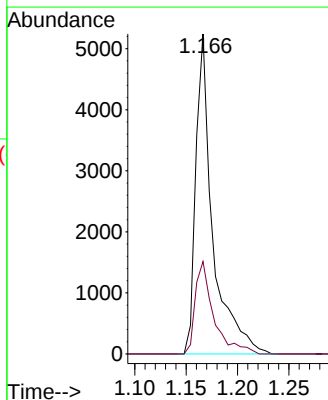
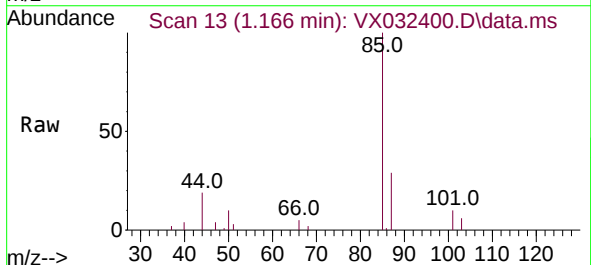
Manual Integrations
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#2
Dichlorodifluoromethane
Concen: 4.280 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 85 Resp: 6005
Ion Ratio Lower Upper
85 100
87 28.9 15.6 46.7





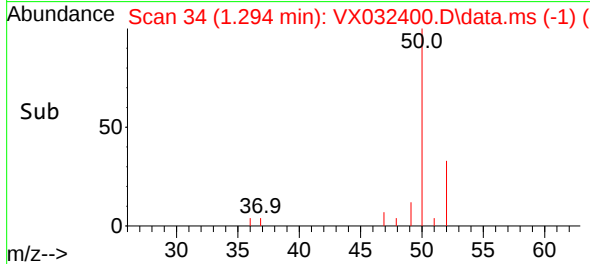
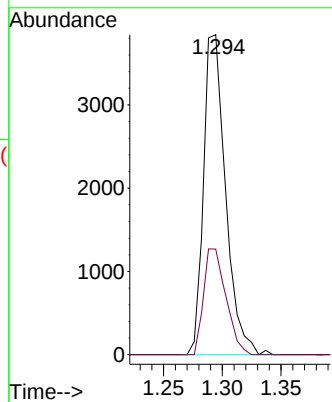
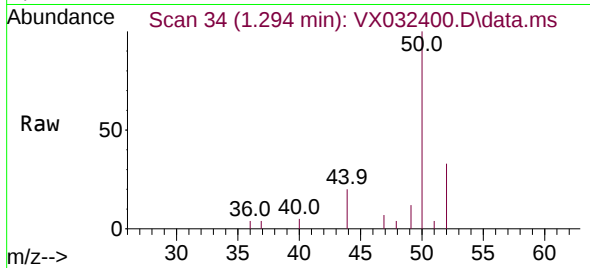
#3
Chloromethane
Concen: 4.233 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 502
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

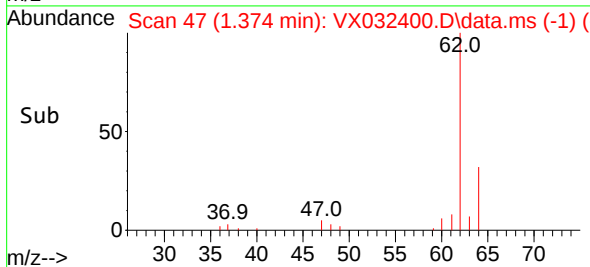
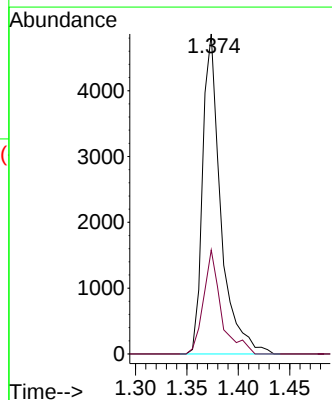
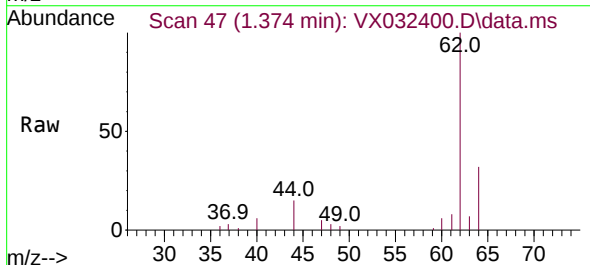
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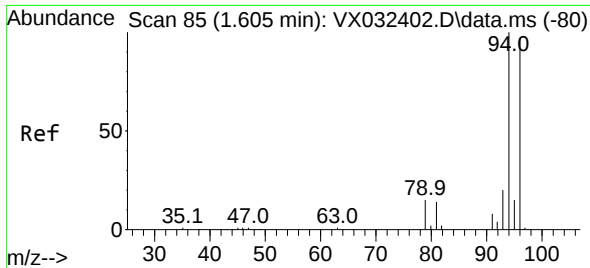
Reviewed By :John Carlone 10/27/2022
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#4
Vinyl Chloride
Concen: 4.571 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 62 Resp: 5969
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





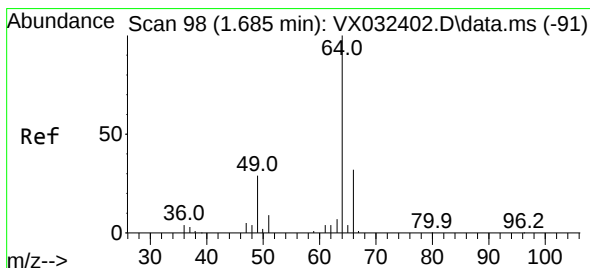
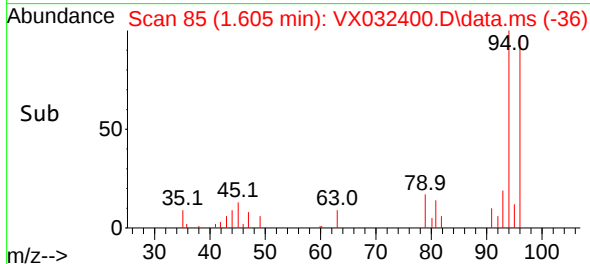
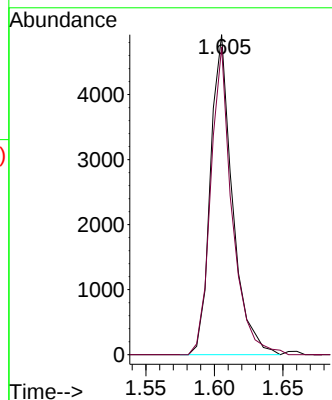
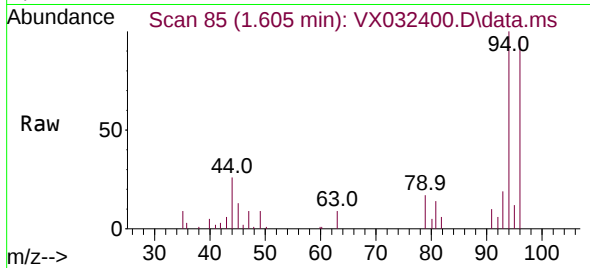
#5
Bromomethane
Concen: 5.242 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 5470
Ion Ratio Lower Upper
94 100
96 96.2 77.6 116.4

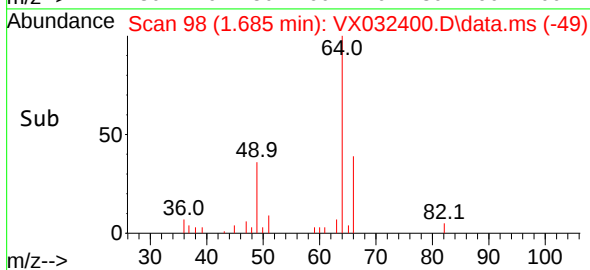
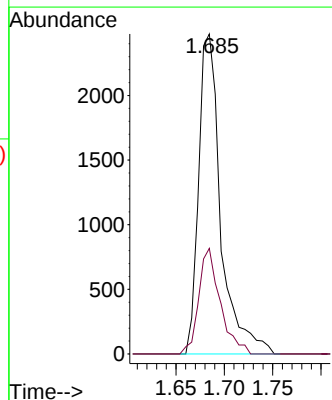
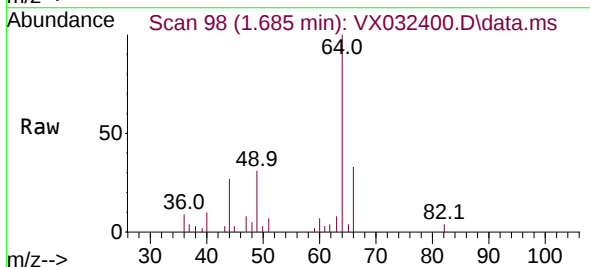
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#6
Chloroethane
Concen: 4.505 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 64 Resp: 3946
Ion Ratio Lower Upper
64 100
66 33.0 26.0 39.0





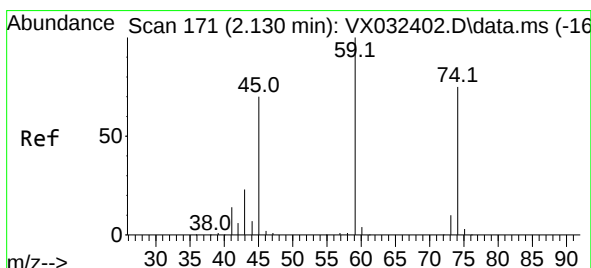
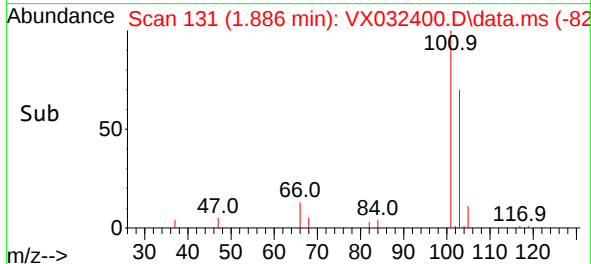
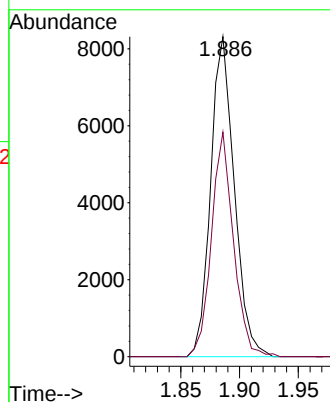
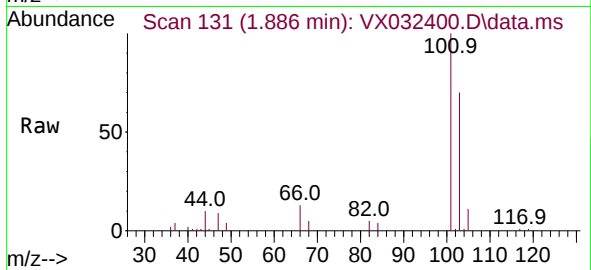
#7
Trichlorofluoromethane
Concen: 4.701 ug/l
RT: 1.886 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1163
Ion Ratio Lower Upper
101 100
103 70.1 51.4 77.2

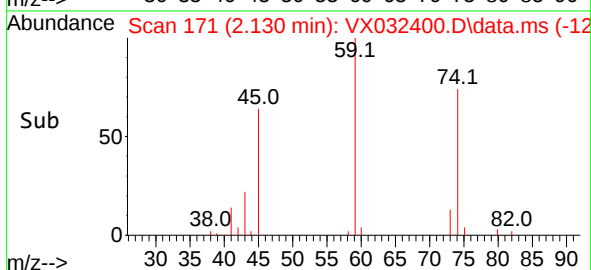
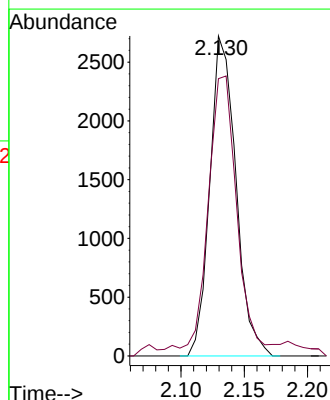
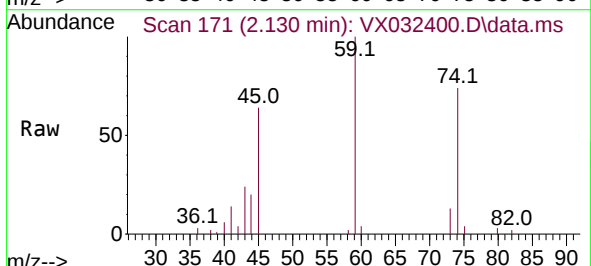
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#8
Diethyl Ether
Concen: 4.857 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

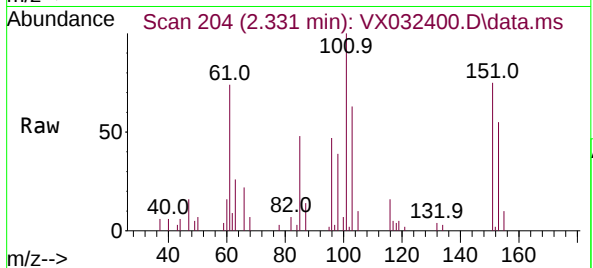
Tgt Ion: 74 Resp: 3894
Ion Ratio Lower Upper
74 100
45 91.6 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.849 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

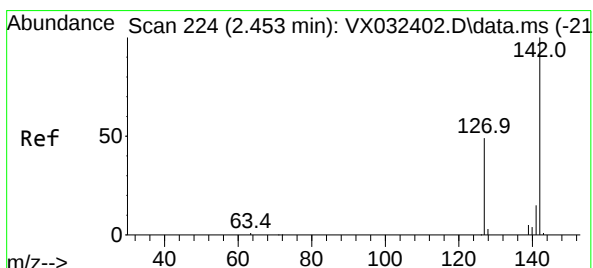
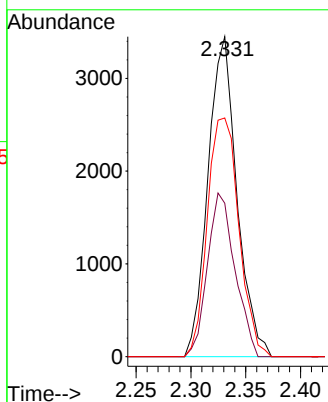
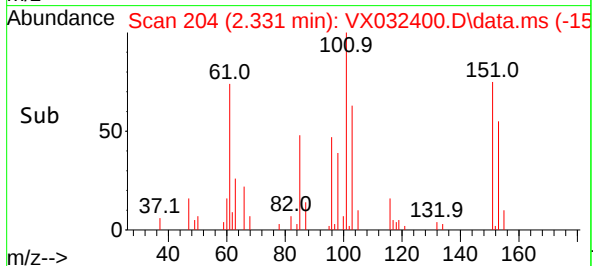
Instrument :
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ClientSampleId :
VSTDIC005



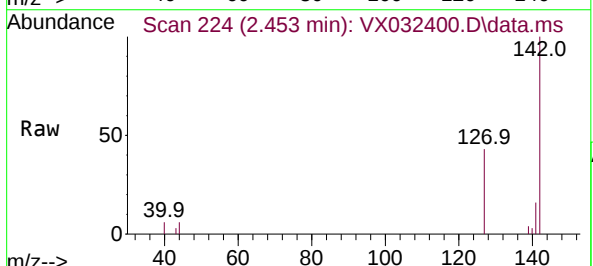
Tgt Ion:101 Resp: 633
Ion Ratio Lower Upper
101 100
85 48.8 37.0 55.4
151 81.3 64.4 96.6

Manual Integrations
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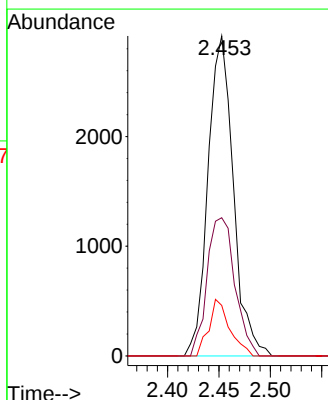
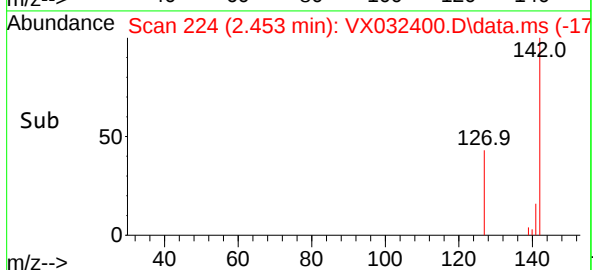
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 3.679 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



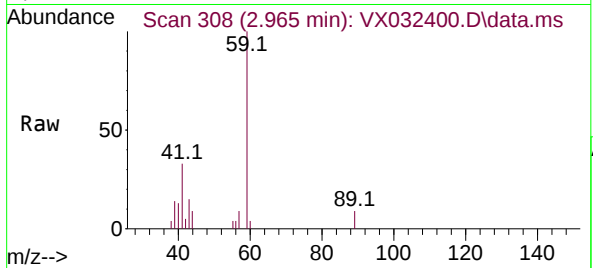
Tgt Ion:142 Resp: 4993
Ion Ratio Lower Upper
142 100
127 47.4 38.6 57.8
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 27.453 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

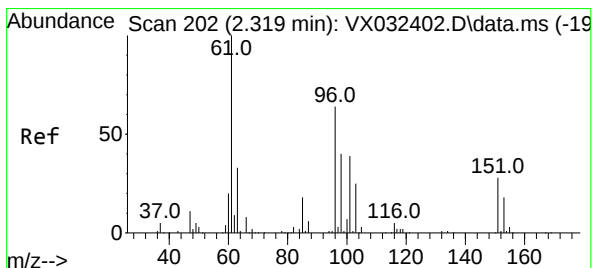
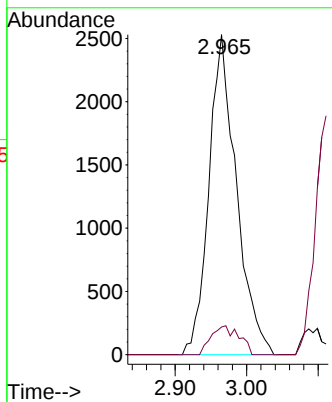
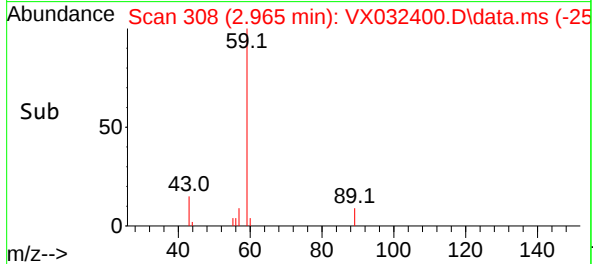
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



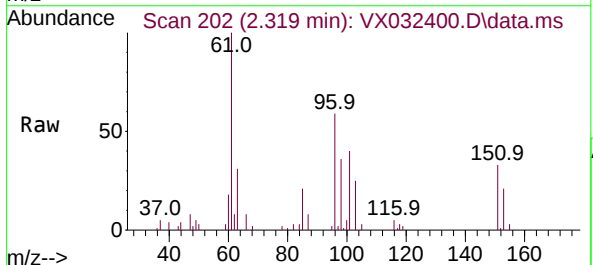
Tgt Ion: 59 Resp: 675
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4

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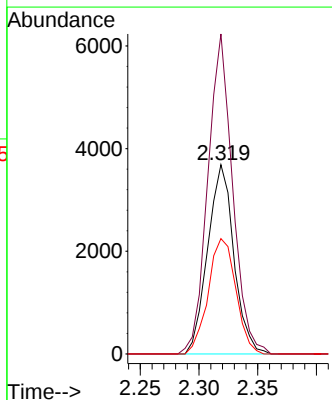
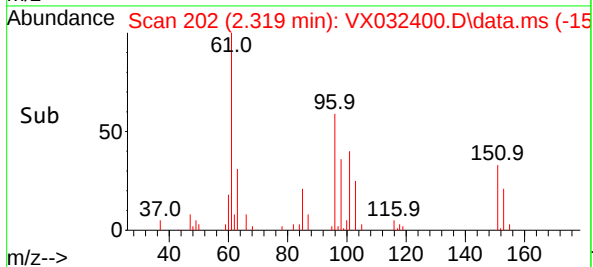
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

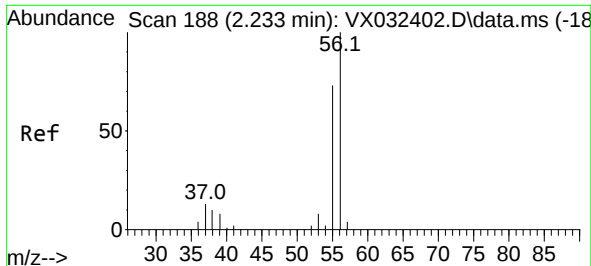


#12
1,1-Dichloroethene
Concen: 4.691 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



Tgt Ion: 96 Resp: 5722
Ion Ratio Lower Upper
96 100
61 169.0 125.1 187.7
98 61.0 50.6 76.0





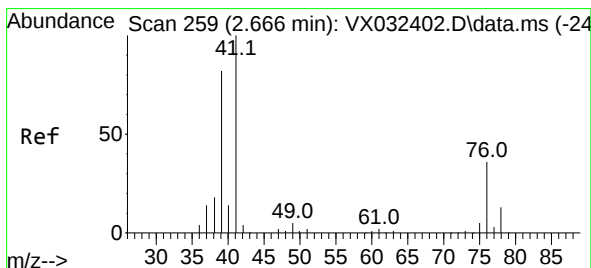
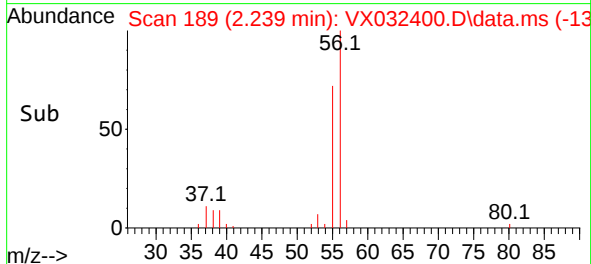
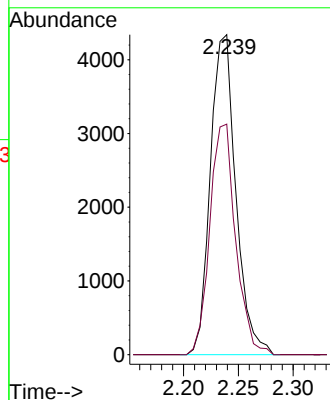
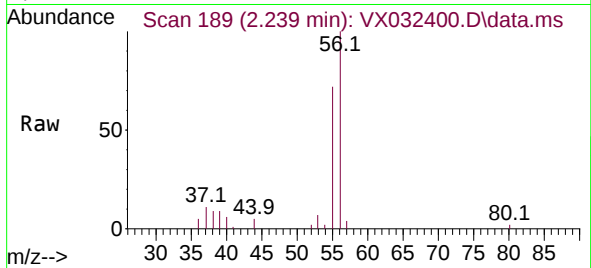
#13
Acrolein
Concen: 28.598 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 702
Ion Ratio Lower Upper
56 100
55 73.0 56.9 85.3

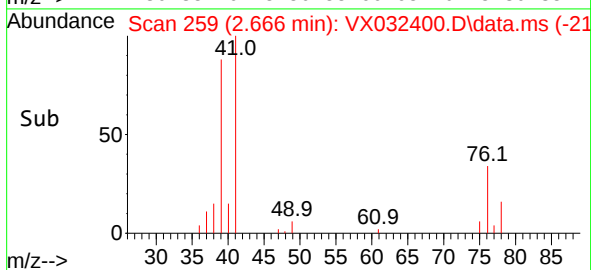
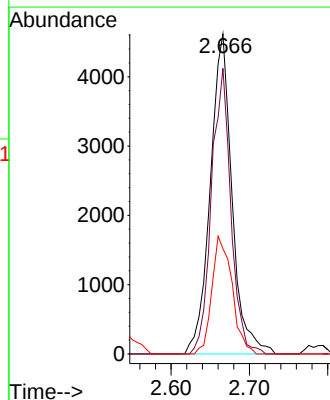
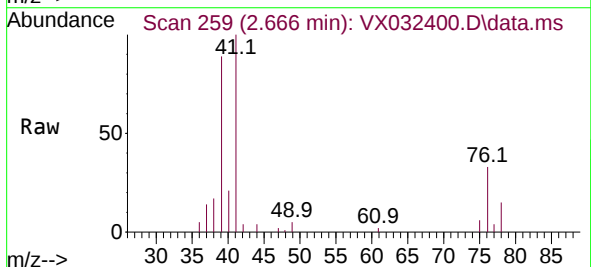
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 4.597 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 41 Resp: 8938
Ion Ratio Lower Upper
41 100
39 79.2 61.4 92.2
76 34.0 29.2 43.8





#15

Acrylonitrile

Concen: 25.175 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

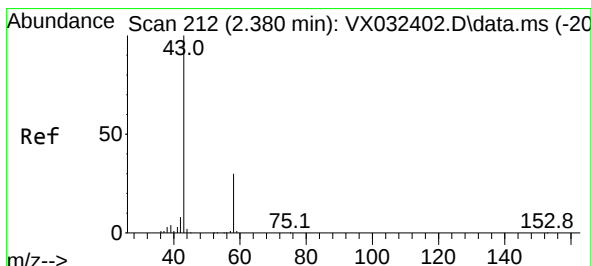
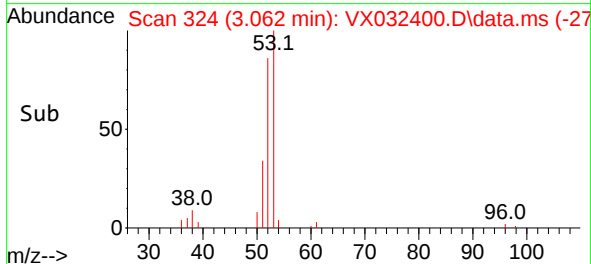
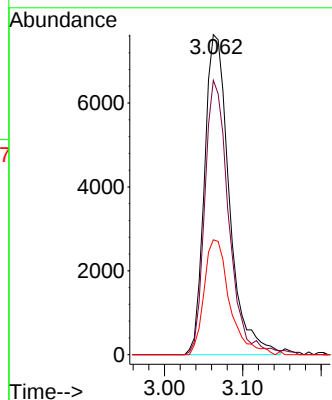
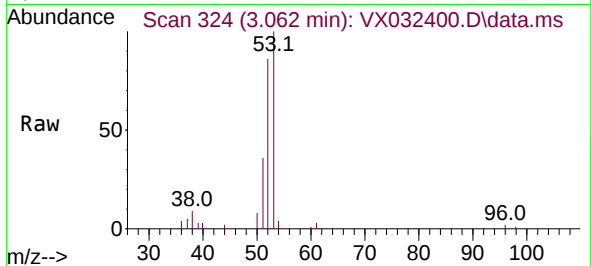
Tgt Ion: 53	Resp: 1680
Ion Ratio	Lower Upper
53 100	
52 82.9	67.4 101.0
51 36.8	30.3 45.5

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#16

Acetone

Concen: 25.782 ug/l

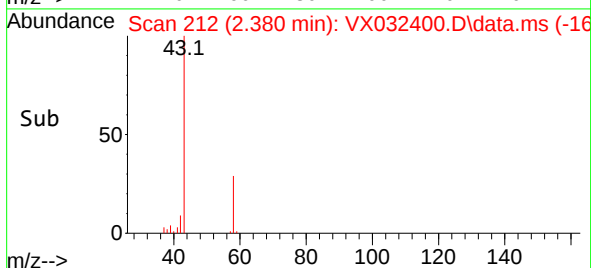
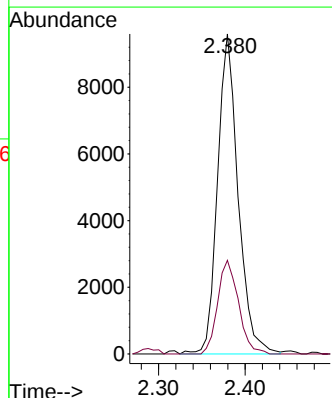
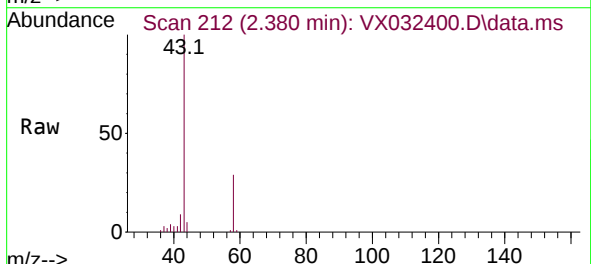
RT: 2.380 min Scan# 212

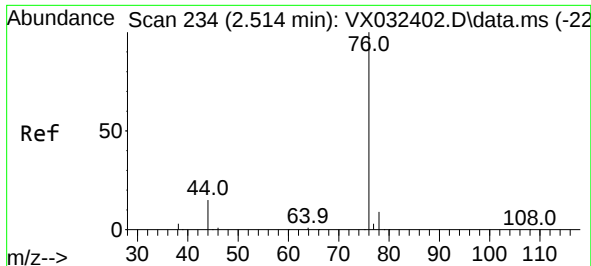
Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Tgt Ion: 43	Resp: 15837
Ion Ratio	Lower Upper
43 100	
58 29.3	23.8 35.8





#17

Carbon Disulfide

Concen: 3.886 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 11290

Ion Ratio Lower Upper

76 100

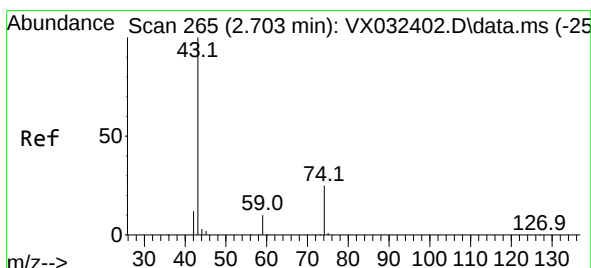
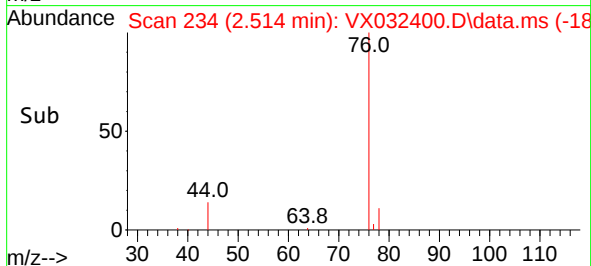
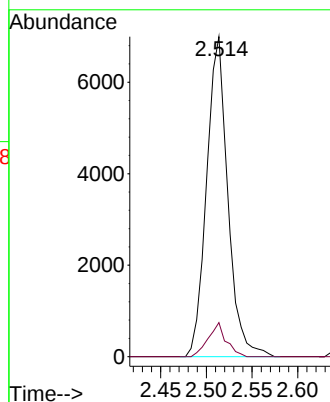
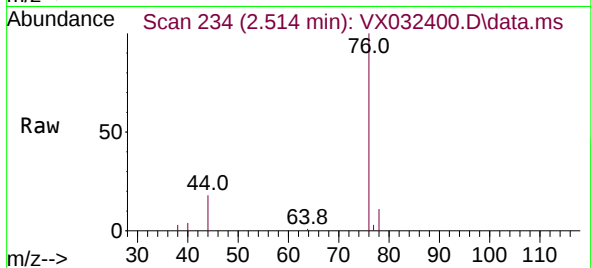
78 10.6 7.5 11.3

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#18

Methyl Acetate

Concen: 4.796 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX032400.D

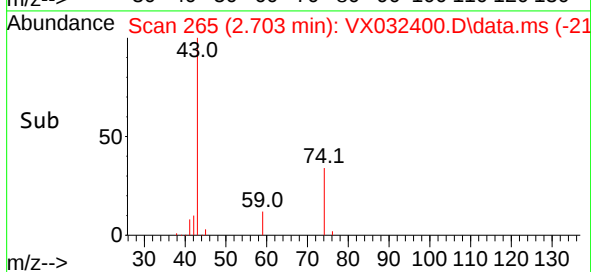
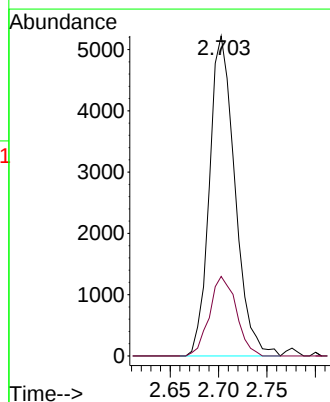
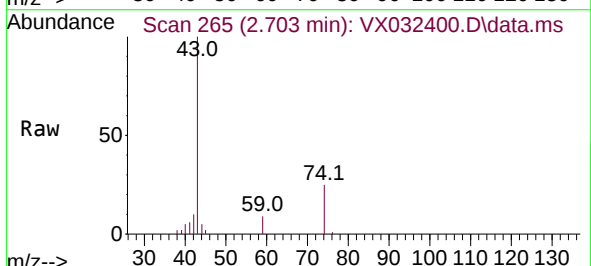
Acq: 26 Oct 2022 13:25

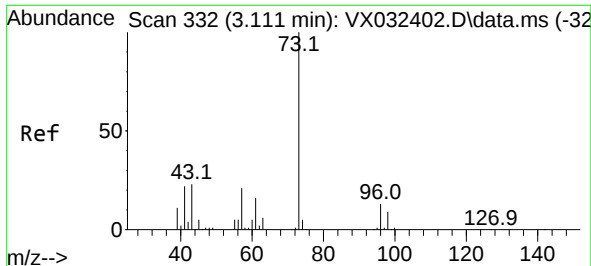
Tgt Ion: 43 Resp: 9581

Ion Ratio Lower Upper

43 100

74 26.0 19.4 29.0





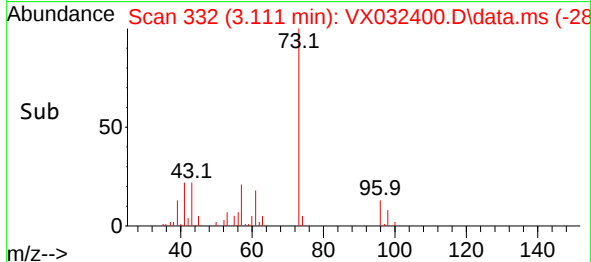
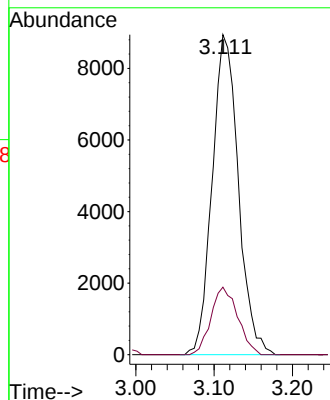
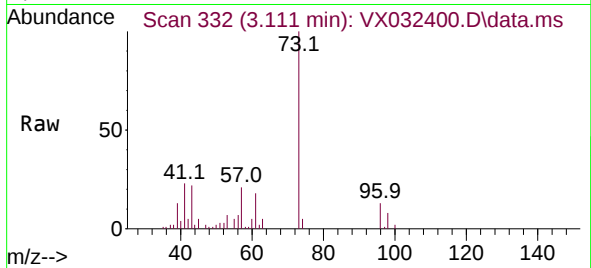
#19
Methyl tert-butyl Ether
Concen: 4.837 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 20739
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0

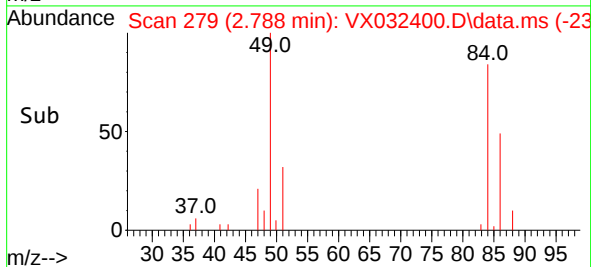
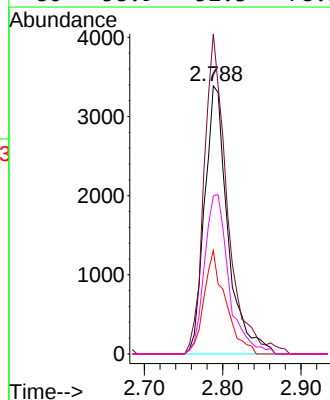
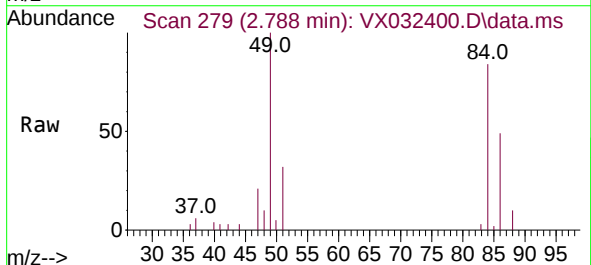
Manual Integrations
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Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 4.965 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

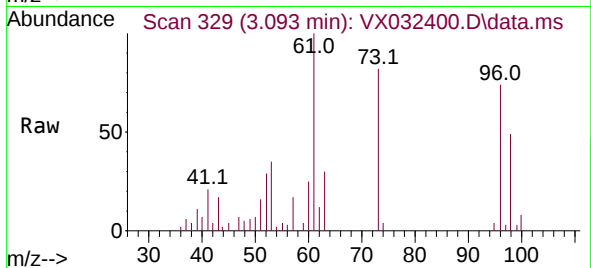
Tgt Ion: 84 Resp: 6993
Ion Ratio Lower Upper
84 100
49 119.4 101.0 151.6
51 38.6 31.1 46.7
86 58.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 4.628 ug/l
RT: 3.093 min Scan# 314
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

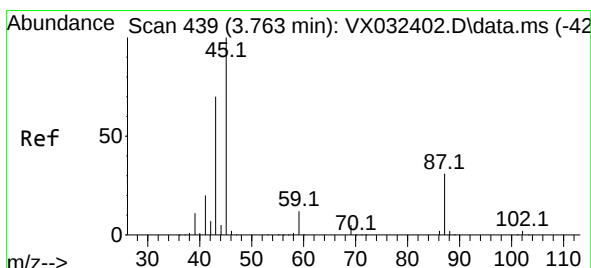
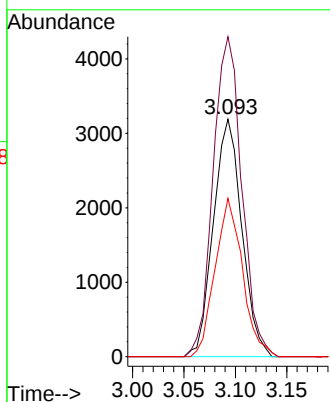
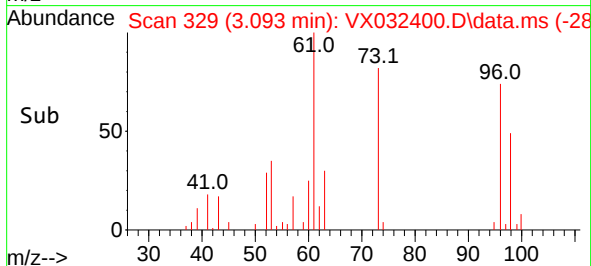
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



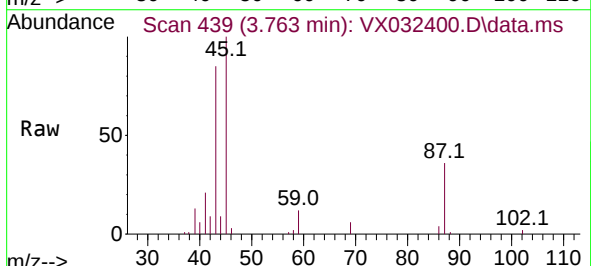
Tgt Ion: 96 Resp: 6149
Ion Ratio Lower Upper
96 100
61 134.8 106.6 160.0
98 66.7 51.0 76.6

Manual Integrations
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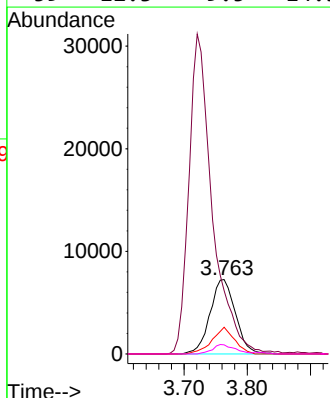
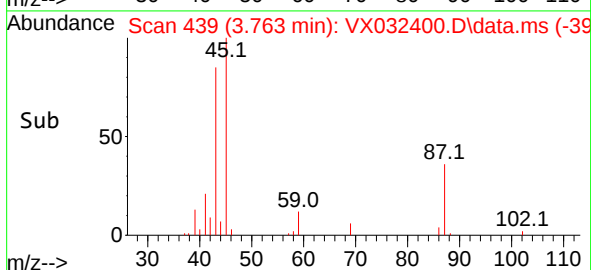
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 4.802 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



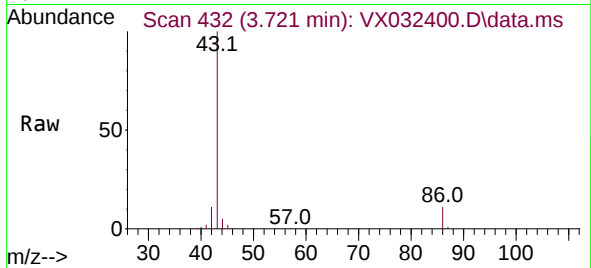
Tgt Ion: 45 Resp: 20196
Ion Ratio Lower Upper
45 100
43 81.8 56.4 84.6
87 35.9 24.4 36.6
59 12.3 9.5 14.3





#23
 Vinyl Acetate
 Concen: 23.751 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX032400.D
 Acq: 26 Oct 2022 13:25

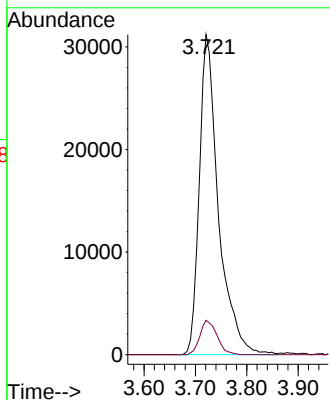
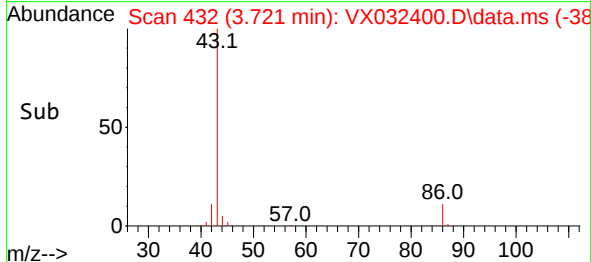
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



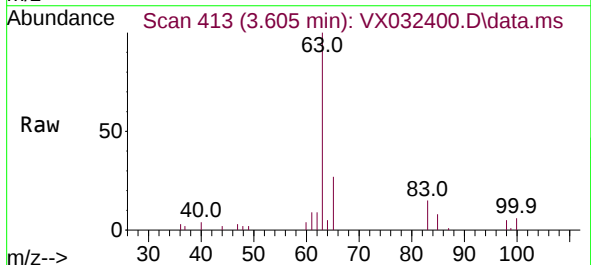
Tgt Ion: 43 Resp: 80708
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

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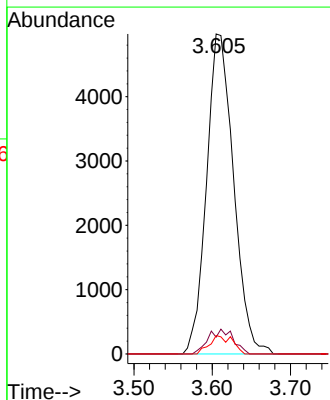
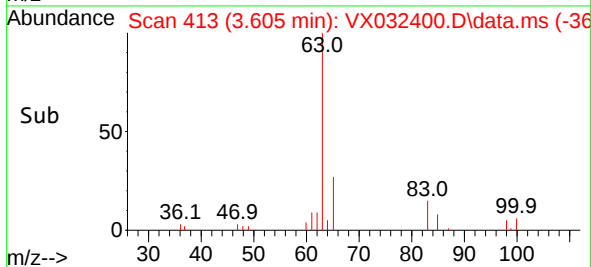
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

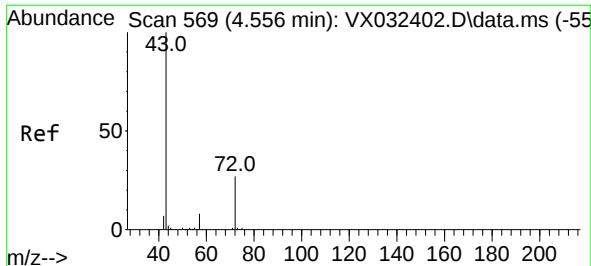


#24
 1,1-Dichloroethane
 Concen: 4.938 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032400.D
 Acq: 26 Oct 2022 13:25



Tgt Ion: 63 Resp: 11947
 Ion Ratio Lower Upper
 63 100
 98 5.2 3.5 10.4
 100 5.8 2.3 6.8





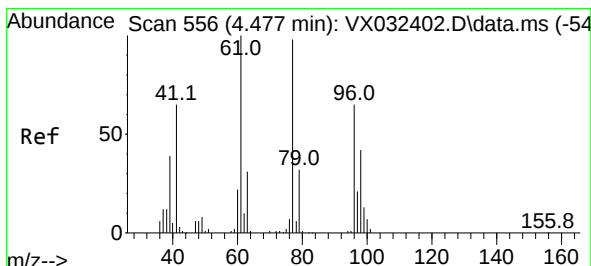
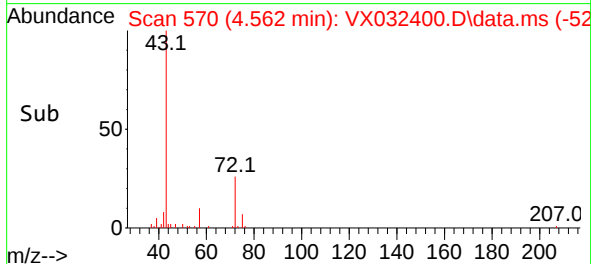
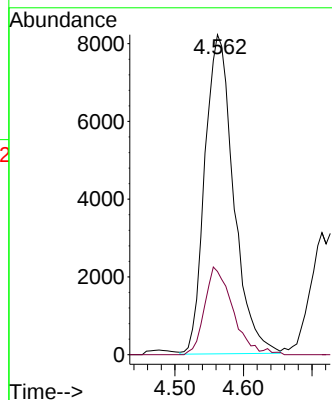
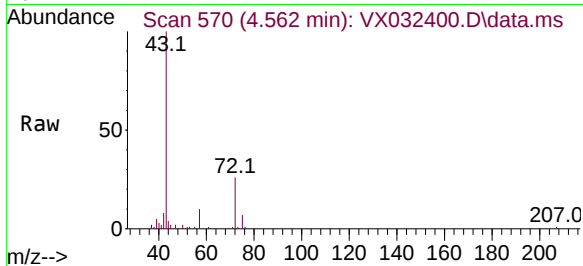
#25
2-Butanone
Concen: 25.179 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2396
Ion Ratio Lower Upper
43 100
72 26.2 22.2 33.2

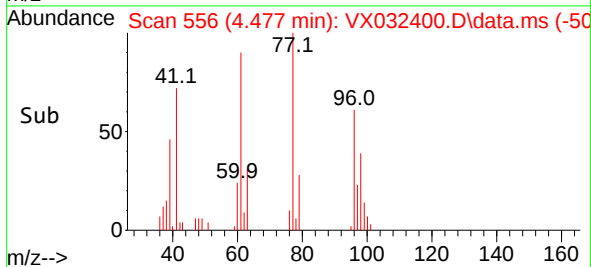
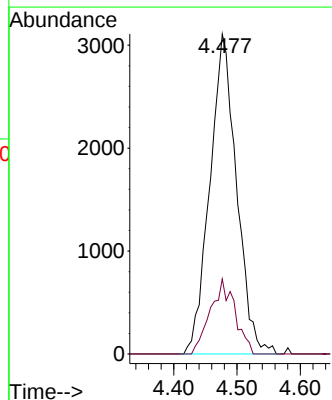
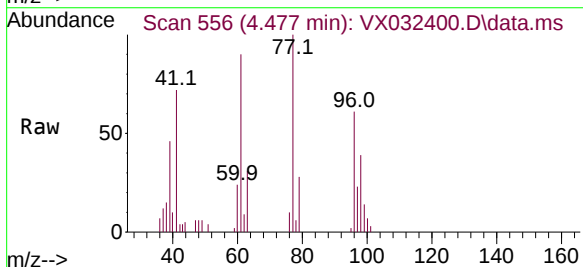
Manual Integrations
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Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
2,2-Dichloropropane
Concen: 4.746 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 77 Resp: 9128
Ion Ratio Lower Upper
77 100
97 21.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.853 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 7449

Ion Ratio Lower Upper

96 100

61 143.0 0.0 286.0

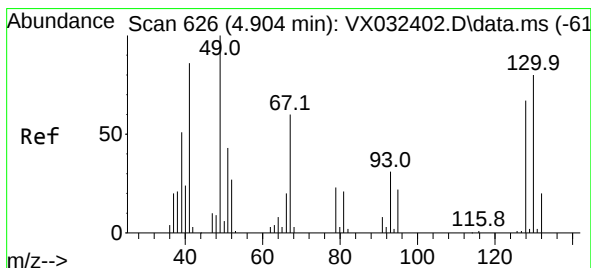
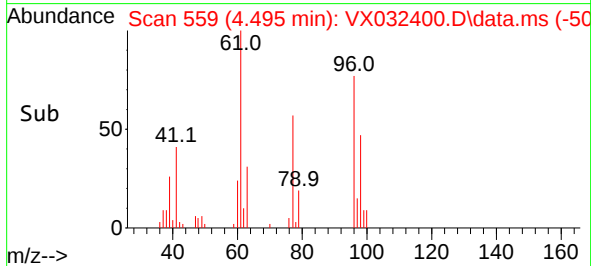
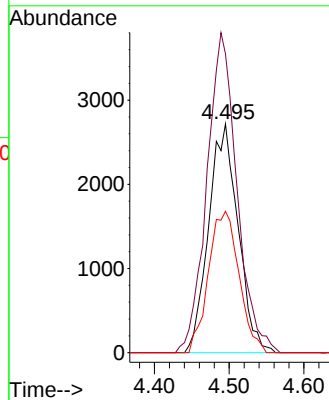
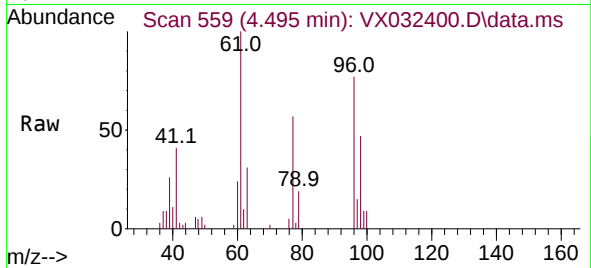
98 64.1 0.0 129.6

Manual Integrations

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Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#28

Bromochloromethane

Concen: 5.721 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

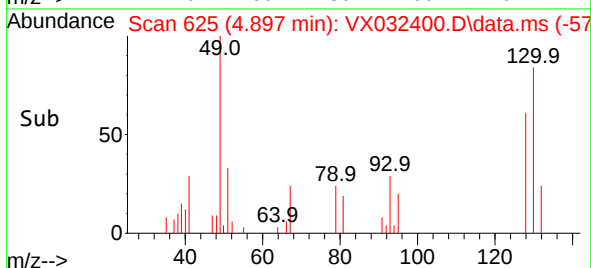
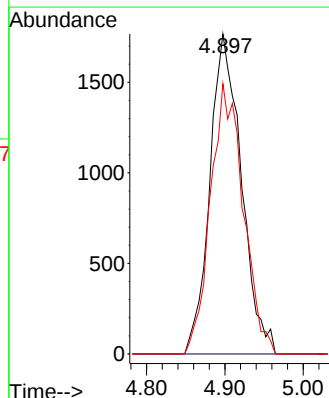
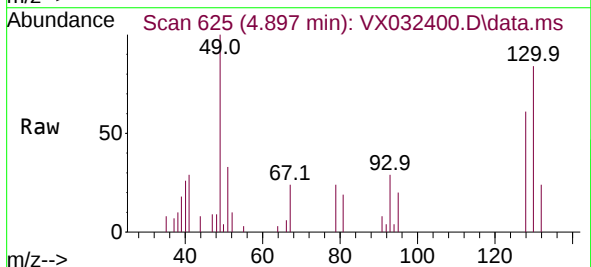
Tgt Ion: 49 Resp: 4930

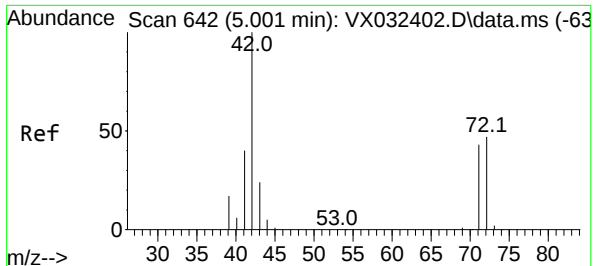
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 87.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 24.434 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

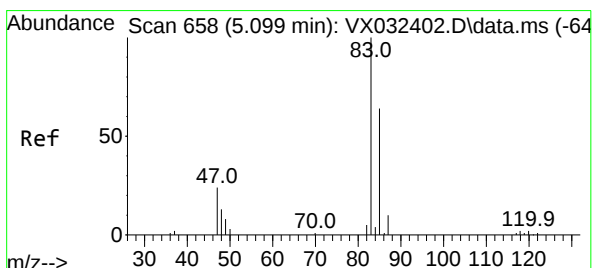
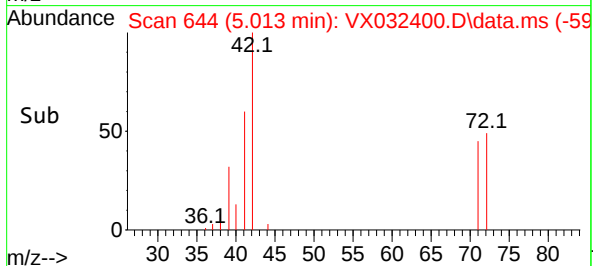
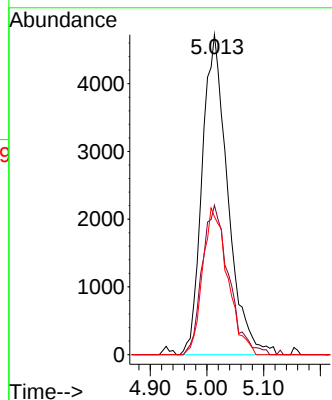
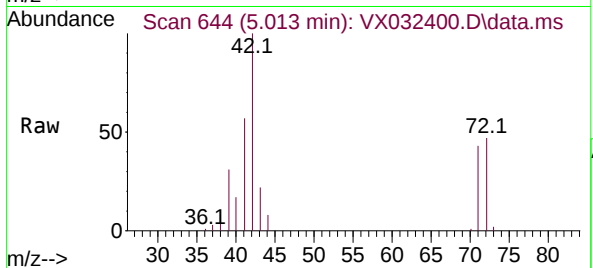
Tgt Ion:	42	Resp:	14829
Ion Ratio	Lower	Upper	
42	100		
72	48.5	37.6	56.4
71	44.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 4.856 ug/l

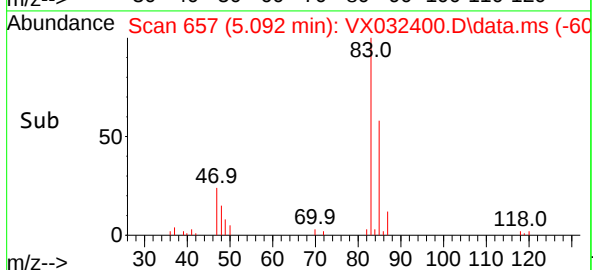
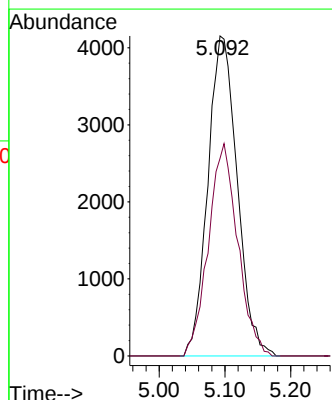
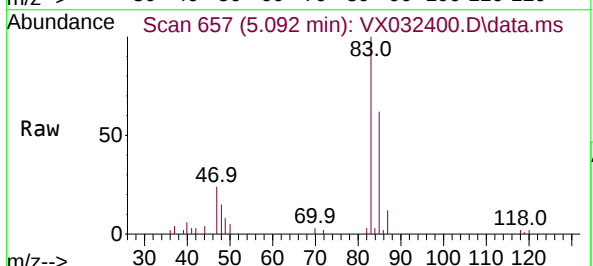
RT: 5.092 min Scan# 657

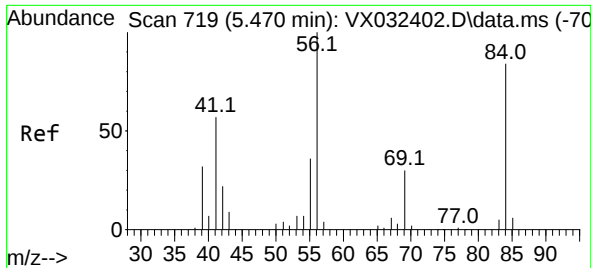
Delta R.T. -0.006 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

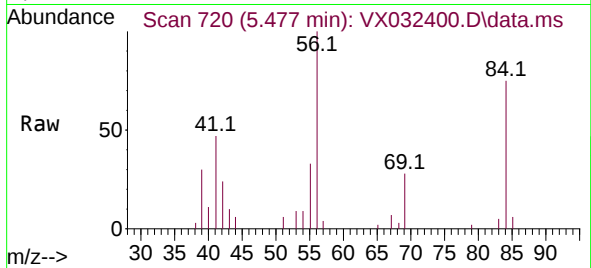
Tgt Ion:	83	Resp:	12891
Ion Ratio	Lower	Upper	
83	100		
85	61.7	51.1	76.7





#31
Cyclohexane
Concen: 4.573 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

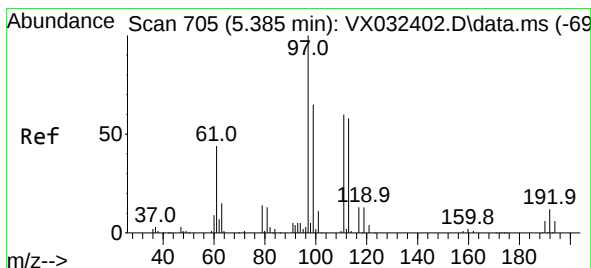
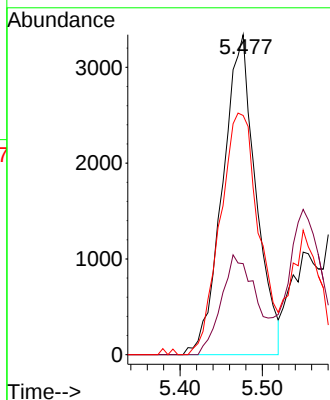
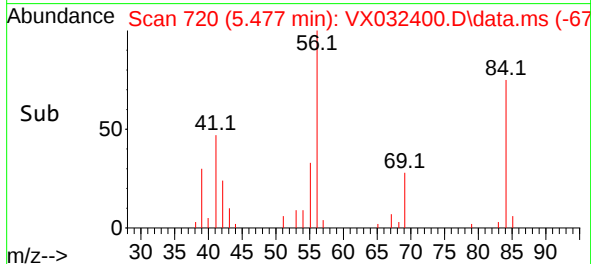
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



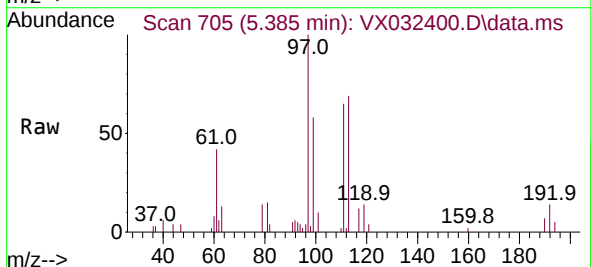
Tgt Ion: 56 Resp: 937
Ion Ratio Lower Upper
56 100
69 28.5 24.1 36.1
84 74.8 66.9 100.3

Manual Integrations
APPROVED

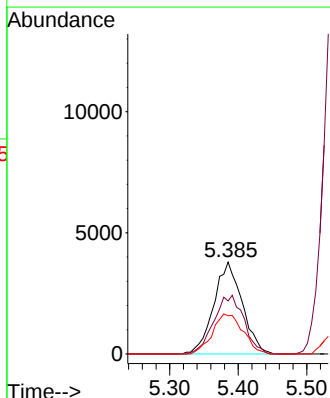
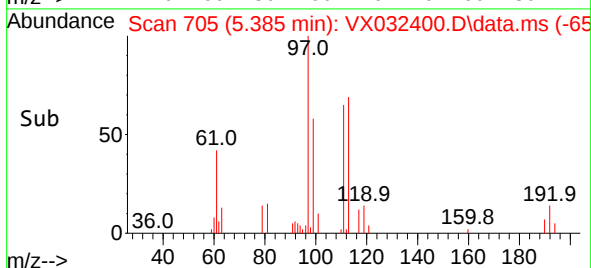
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

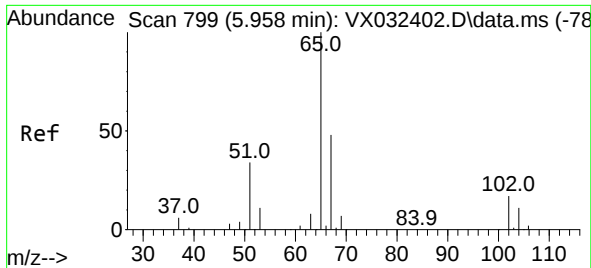


#32
1,1,1-Trichloroethane
Concen: 4.588 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



Tgt Ion: 97 Resp: 10930
Ion Ratio Lower Upper
97 100
99 67.3 51.4 77.0
61 46.6 35.2 52.8





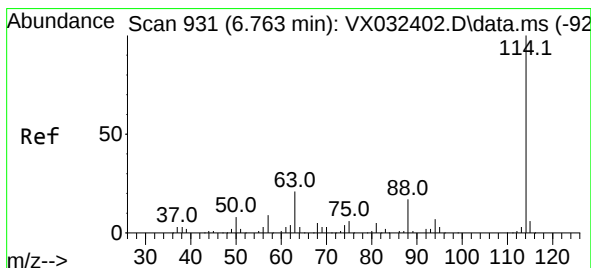
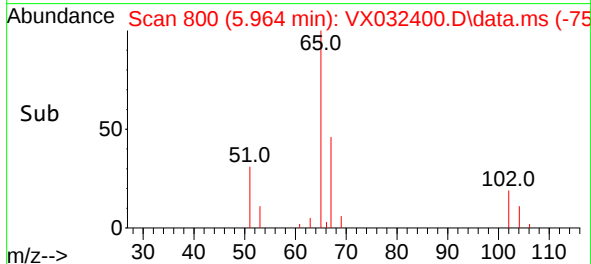
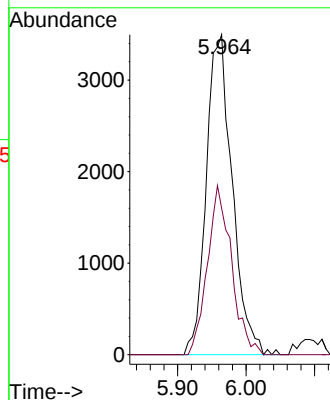
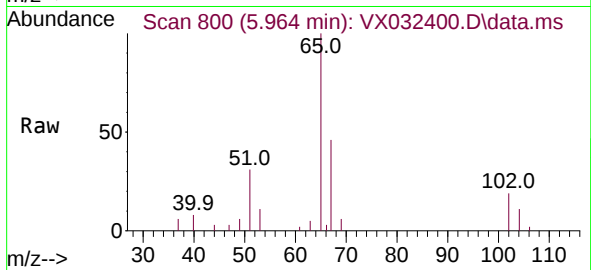
#33
 1,2-Dichloroethane-d4
 Concen: 5.445 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX032400.D
 Acq: 26 Oct 2022 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion: 65 Resp: 920
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.8

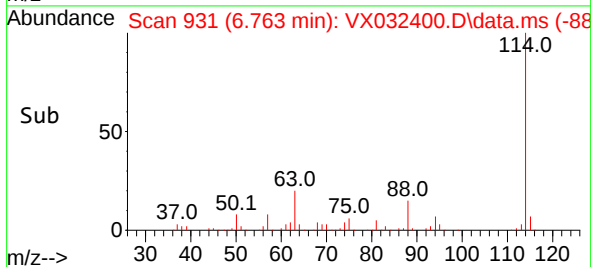
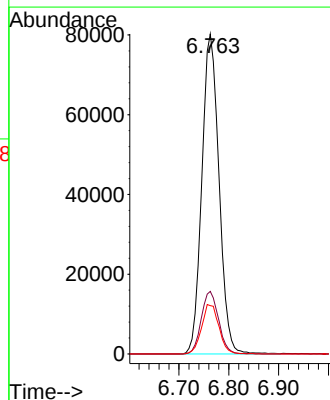
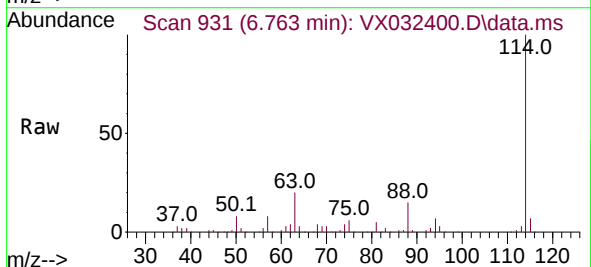
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032400.D
 Acq: 26 Oct 2022 13:25

Tgt Ion:114 Resp: 191757
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.6
 88 15.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 5.349 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

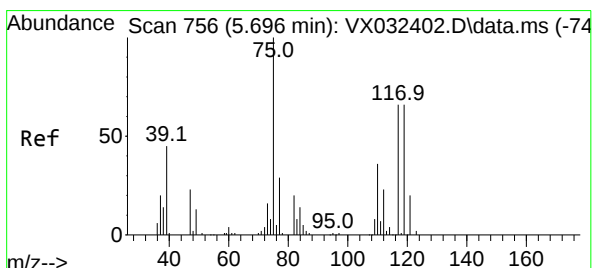
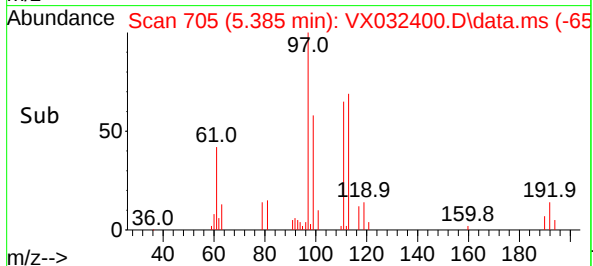
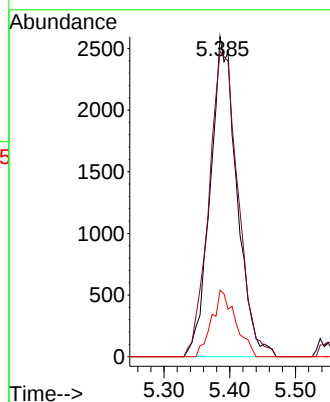
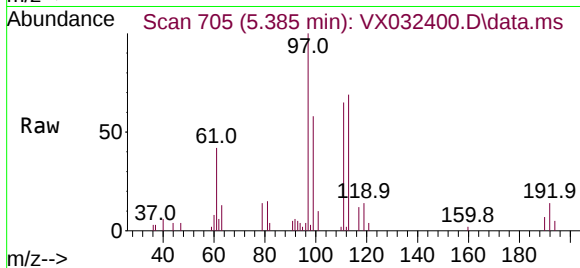
Tgt Ion:	113	Resp:	7310
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.4	123.6
192	18.6	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 4.695 ug/l

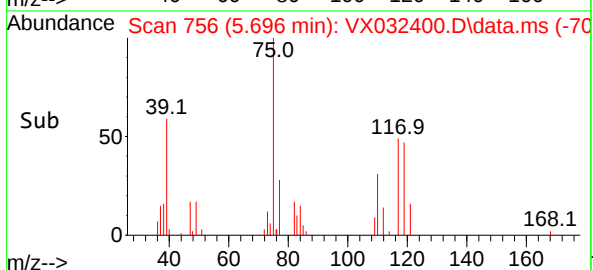
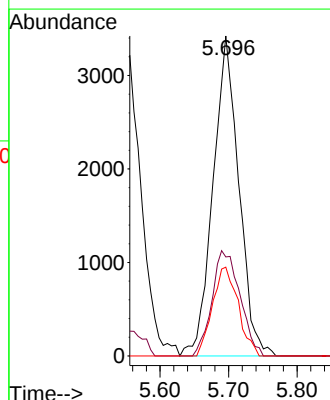
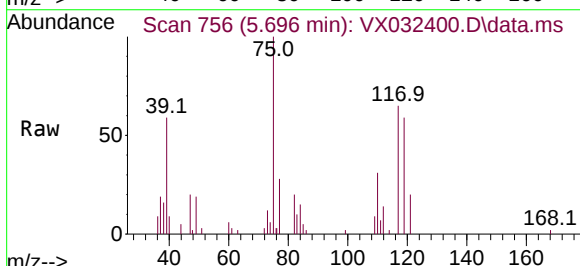
RT: 5.696 min Scan# 756

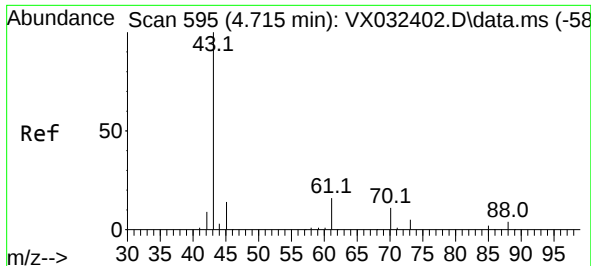
Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

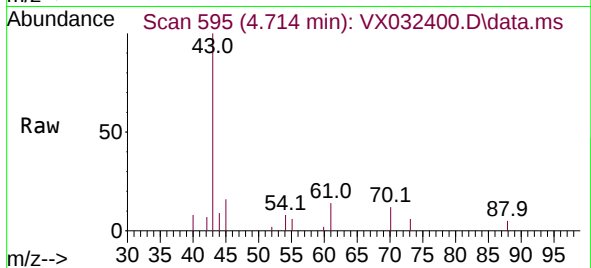
Tgt Ion:	75	Resp:	8943
Ion	Ratio	Lower	Upper
75	100		
110	35.7	18.4	55.2
77	27.6	24.5	36.7





#37
Ethyl Acetate
Concen: 5.201 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

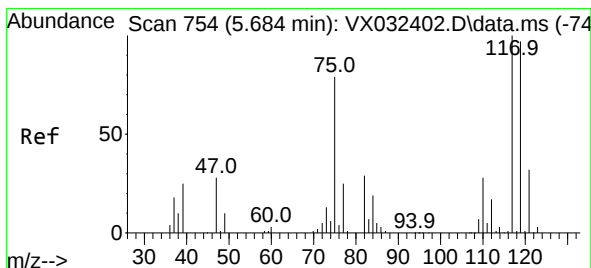
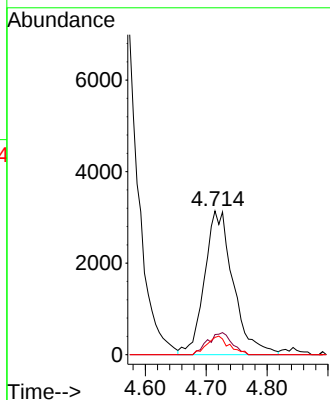
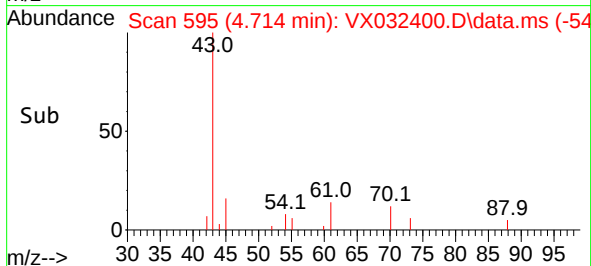
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 9.9 9.1 13.7

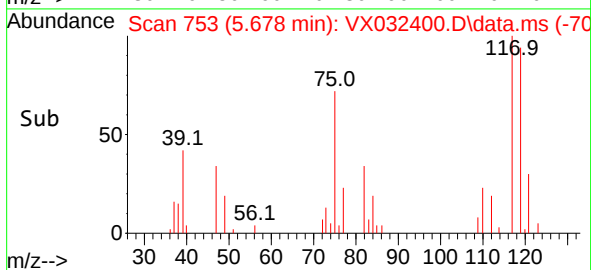
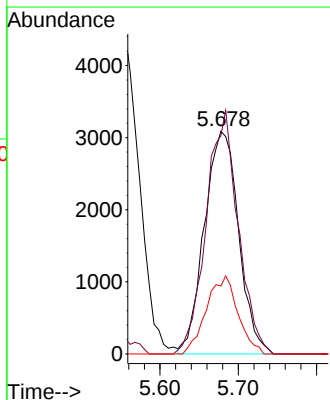
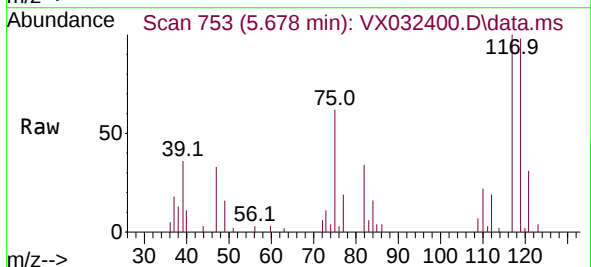
Manual Integrations
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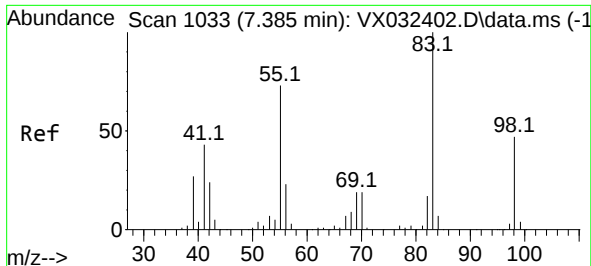
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#38
Carbon Tetrachloride
Concen: 4.448 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion:117 Resp: 9398
Ion Ratio Lower Upper
117 100
119 98.0 77.2 115.8
121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 4.526 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 1020

Ion Ratio Lower Upper

83 100

55 76.3 58.4 87.6

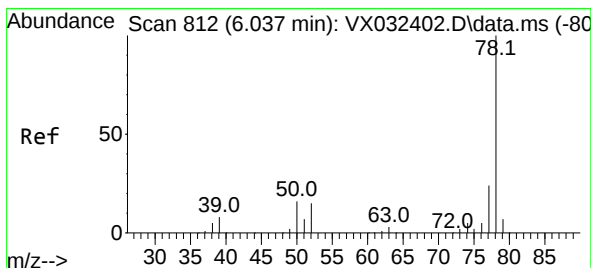
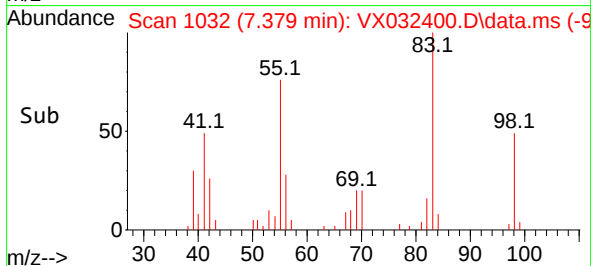
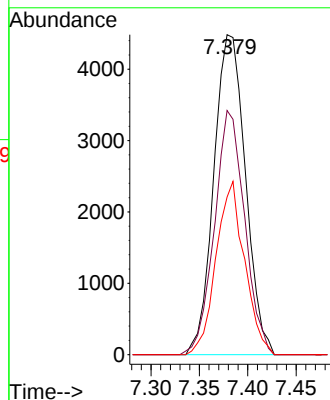
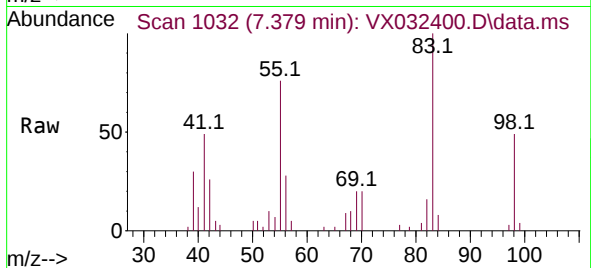
98 49.3 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#40

Benzene

Concen: 4.782 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX032400.D

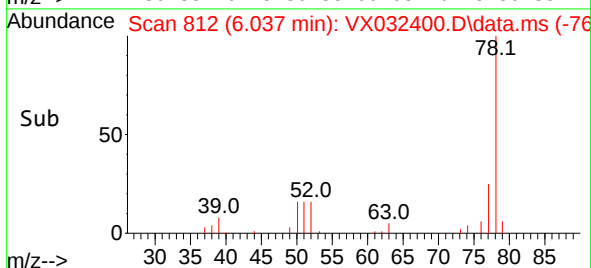
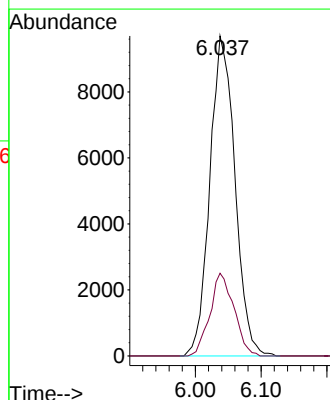
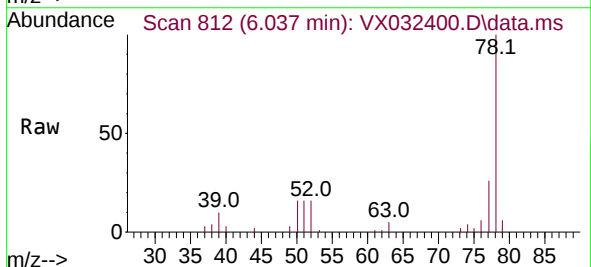
Acq: 26 Oct 2022 13:25

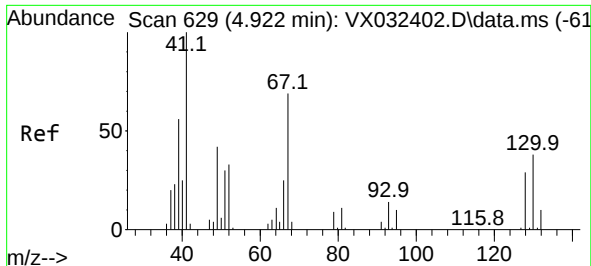
Tgt Ion: 78 Resp: 25776

Ion Ratio Lower Upper

78 100

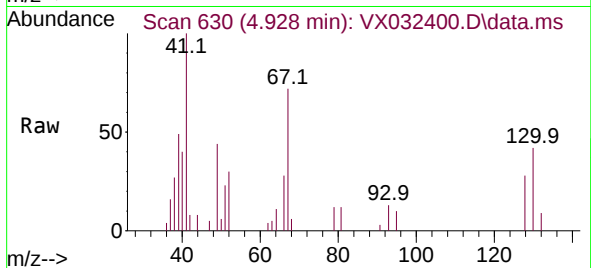
77 25.8 19.0 28.4





#41
Methacrylonitrile
Concen: 4.795 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

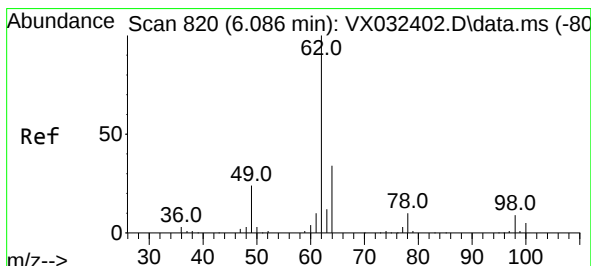
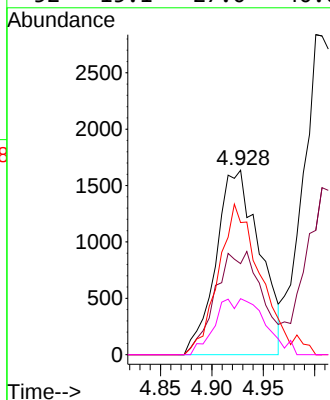
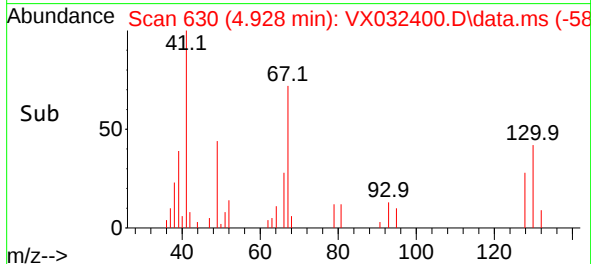
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 484
Ion Ratio Lower Upper
41 100
39 59.4 47.5 71.3
67 79.9 60.5 90.7
52 15.1 27.0 40.6#

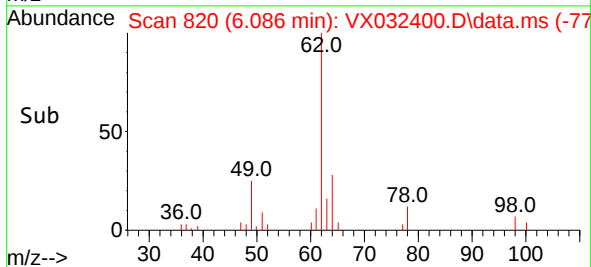
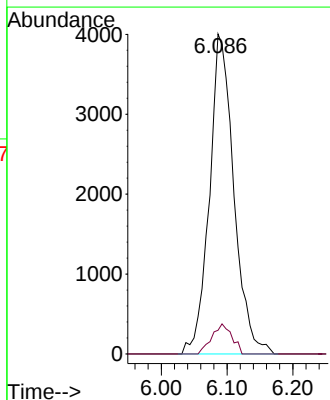
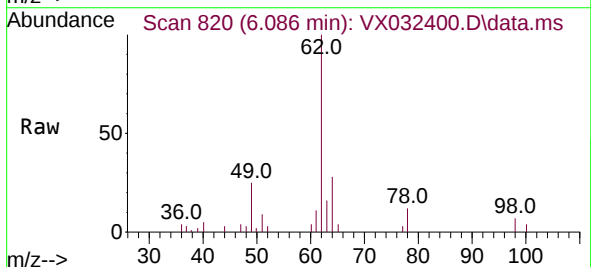
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 4.696 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 62 Resp: 10348
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 4.731 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 1440

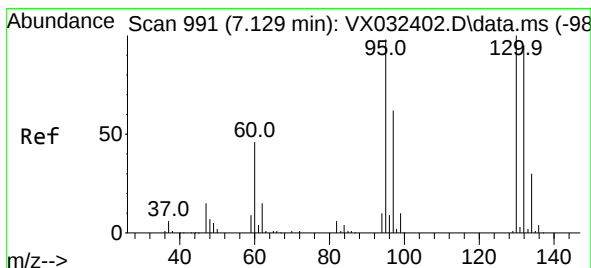
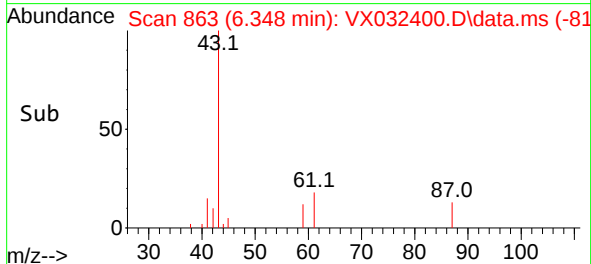
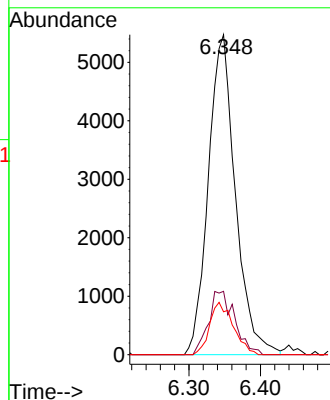
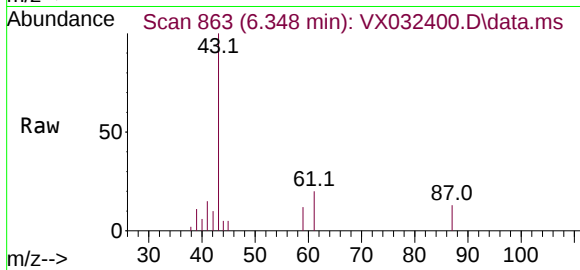
Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.0
87	14.3	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#44

Trichloroethene

Concen: 4.694 ug/l

RT: 7.129 min Scan# 991

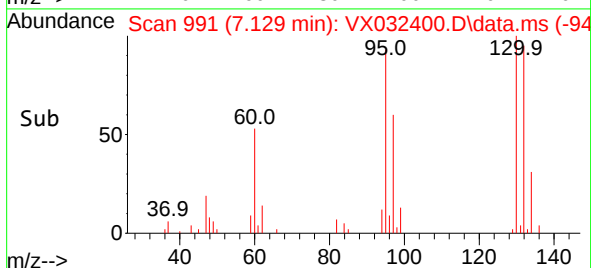
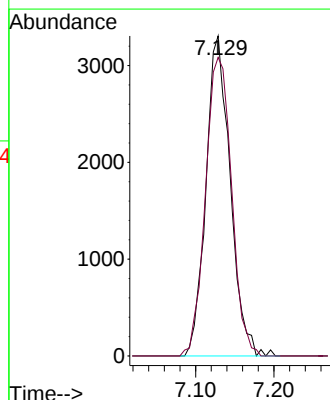
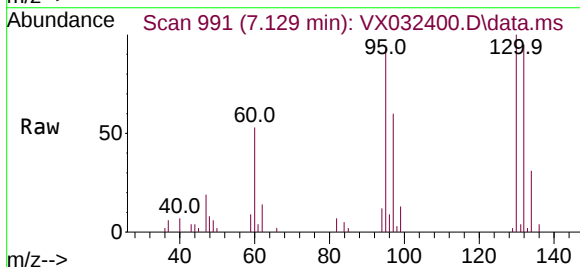
Delta R.T. -0.000 min

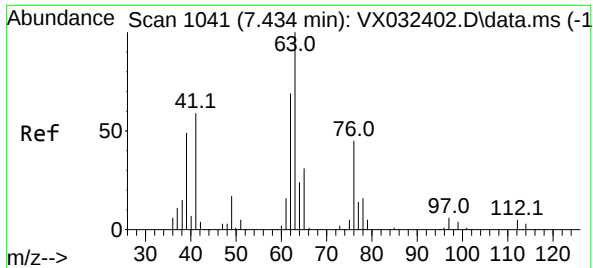
Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Tgt Ion:130 Resp: 7122

Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	195.2





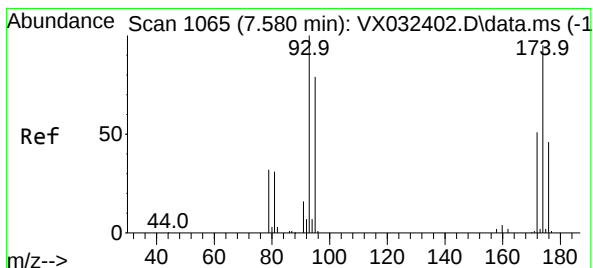
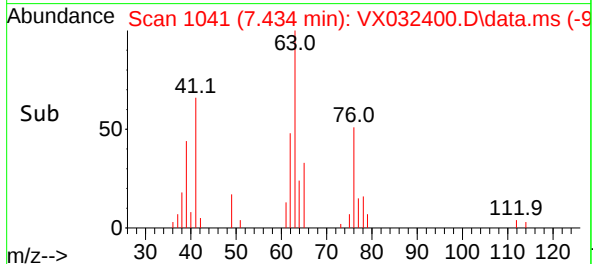
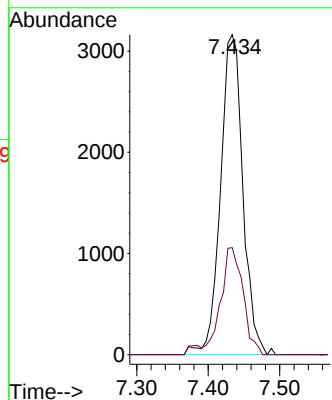
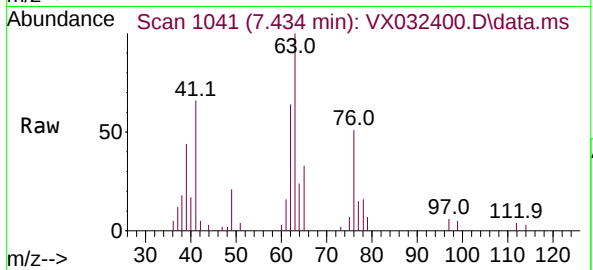
#45
1,2-Dichloropropane
Concen: 4.984 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 6890
Ion Ratio Lower Upper
63 100
65 33.4 24.6 36.8

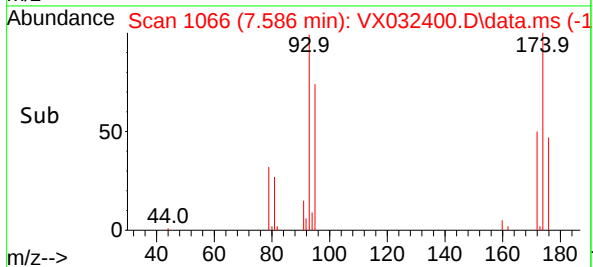
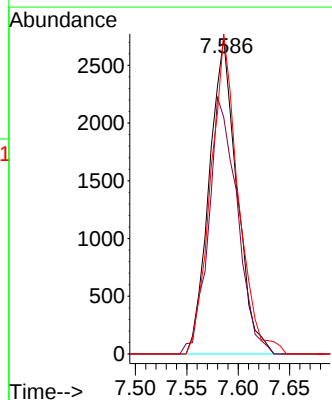
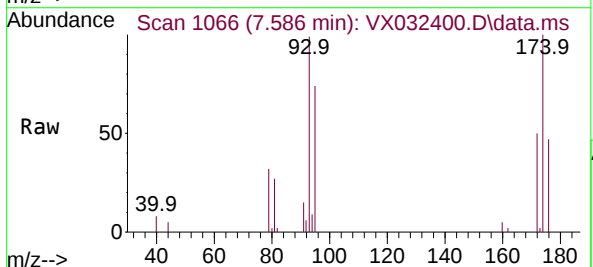
Manual Integrations
APPROVED

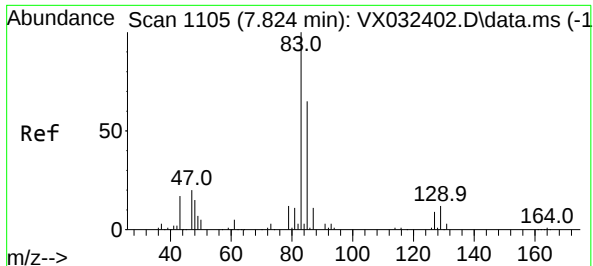
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#46
Dibromomethane
Concen: 4.812 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 93 Resp: 5106
Ion Ratio Lower Upper
93 100
95 84.4 65.8 98.8
174 101.0 79.8 119.6





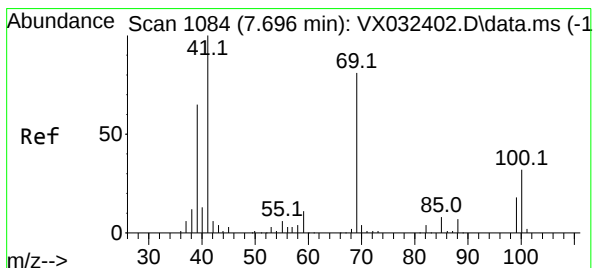
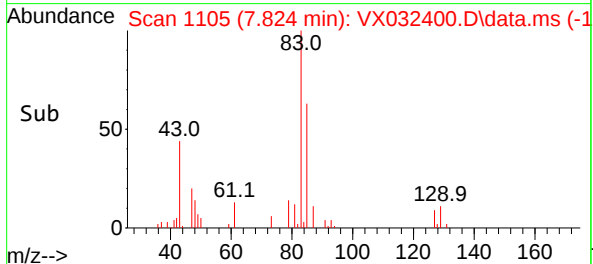
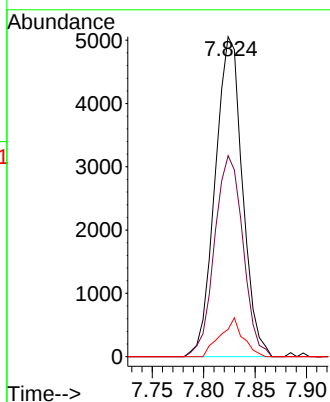
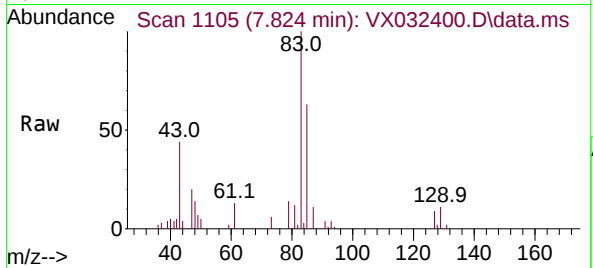
#47
Bromodichloromethane
Concen: 4.642 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 9338
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 8.5 7.4 11.2

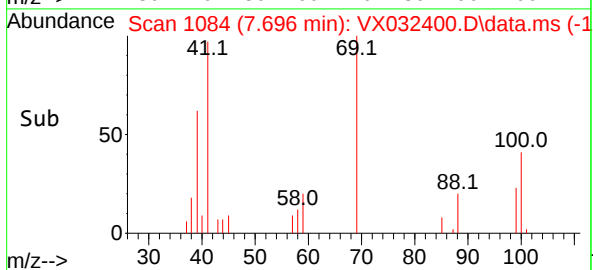
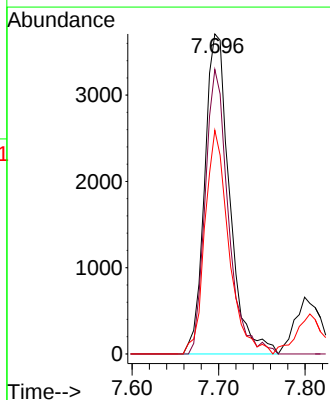
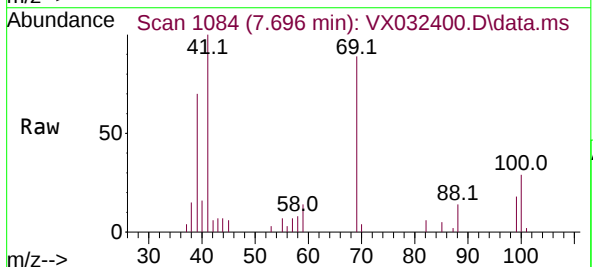
Manual Integrations
APPROVED

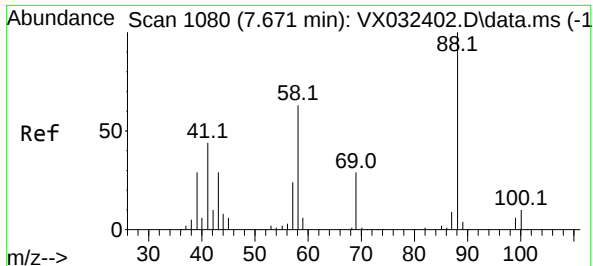
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#48
Methyl methacrylate
Concen: 4.725 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 41 Resp: 7428
Ion Ratio Lower Upper
41 100
69 82.3 65.1 97.7
39 66.6 51.9 77.9





#49

1,4-Dioxane

Concen: 112.373 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 336

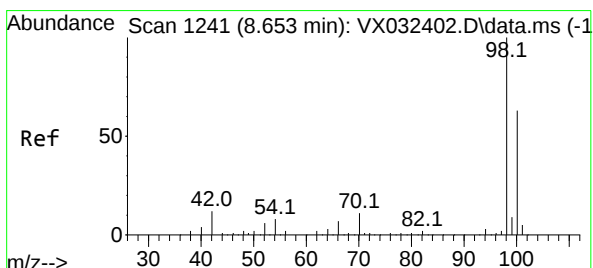
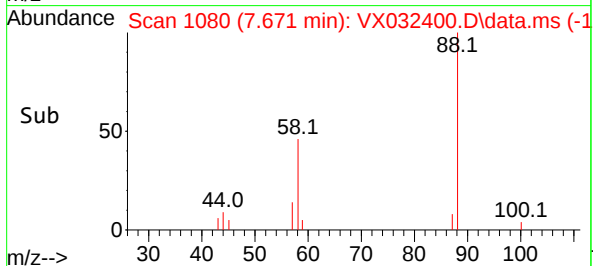
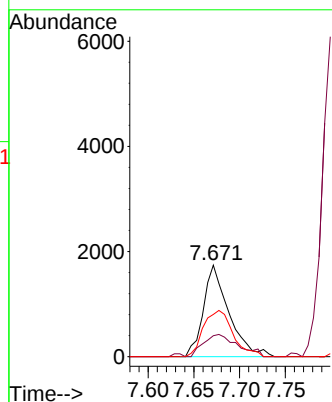
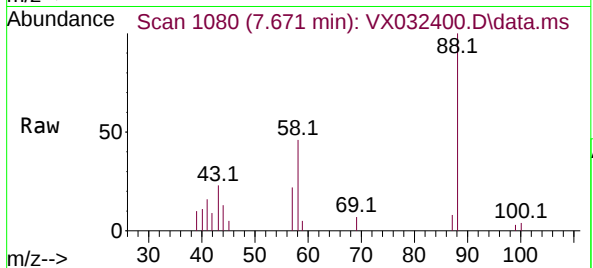
Ion	Ratio	Lower	Upper
88	100		
43	32.7	26.6	39.8
58	58.6	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 5.054 ug/l

RT: 8.653 min Scan# 1241

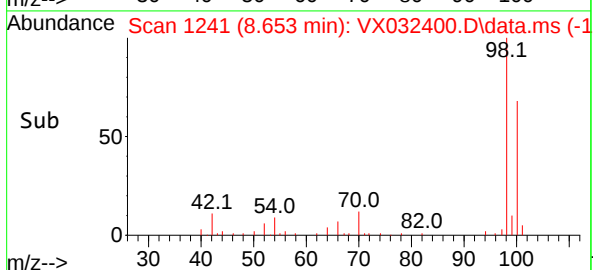
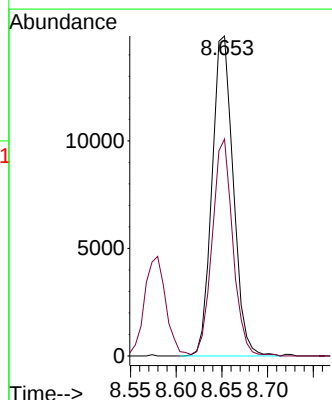
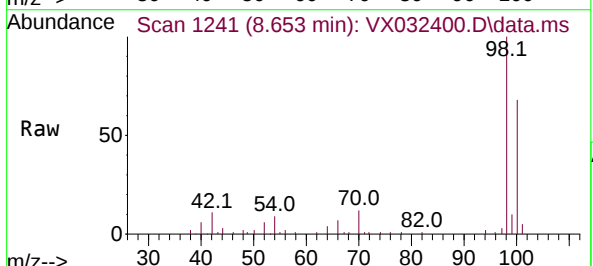
Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Tgt Ion: 98 Resp: 24037

Ion	Ratio	Lower	Upper
98	100		
100	65.7	50.9	76.3





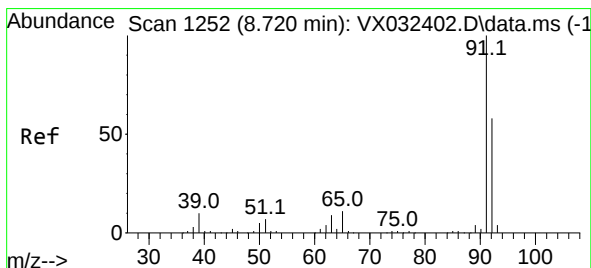
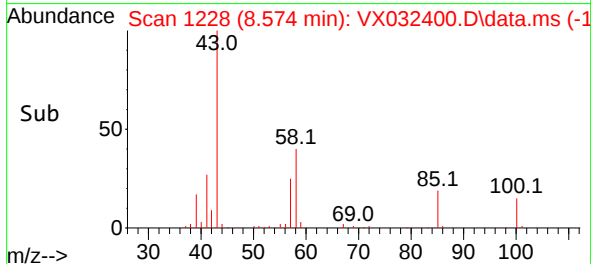
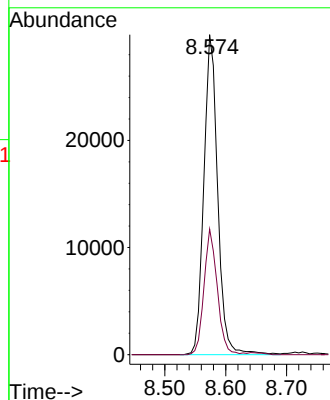
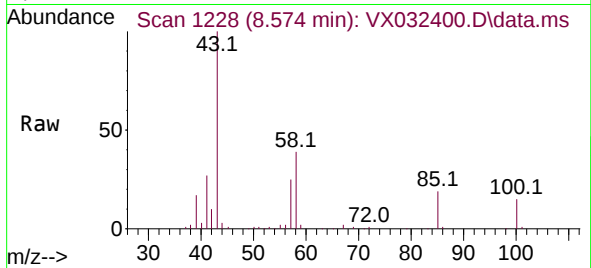
#51
4-Methyl-2-Pentanone
Concen: 24.647 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4726
Ion Ratio Lower Upper
43 100
58 37.5 30.9 46.3

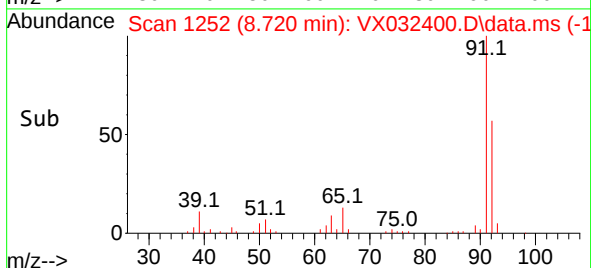
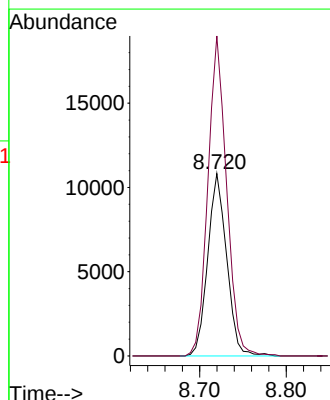
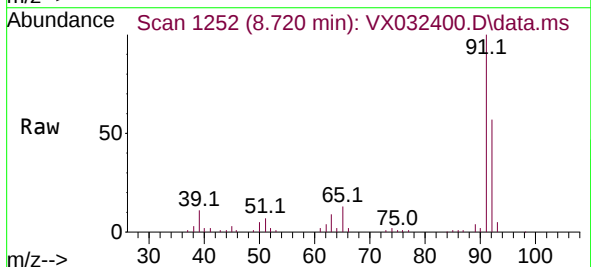
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 4.678 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 92 Resp: 16451
Ion Ratio Lower Upper
92 100
91 173.1 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 4.233 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 868

Ion Ratio Lower Upper

75 100

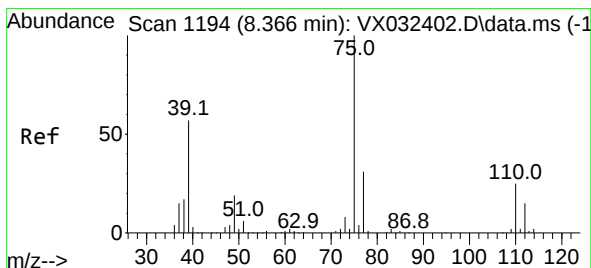
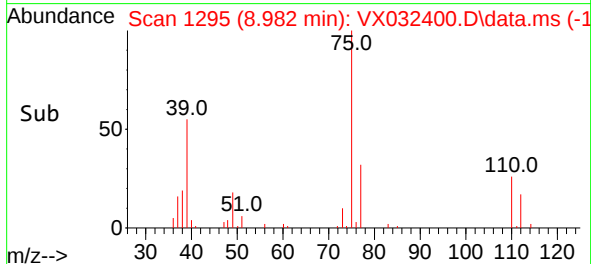
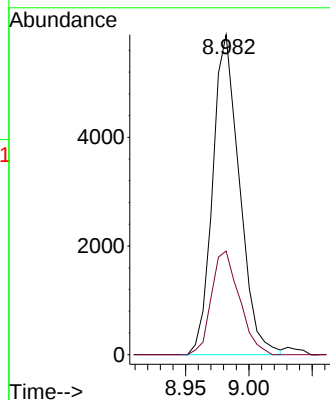
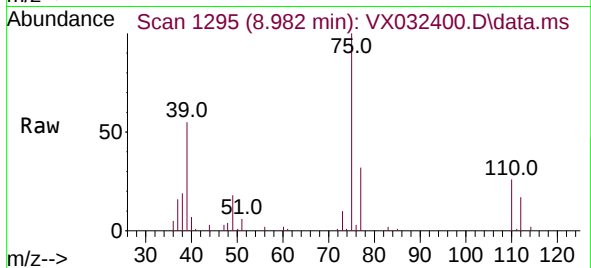
77 32.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#54

cis-1,3-Dichloropropene

Concen: 4.510 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

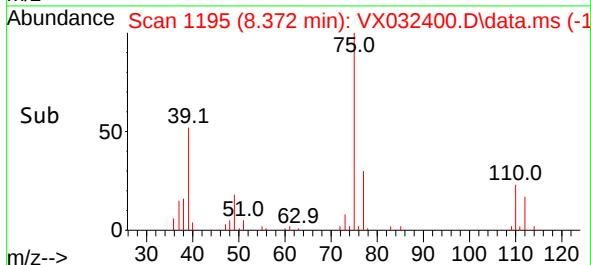
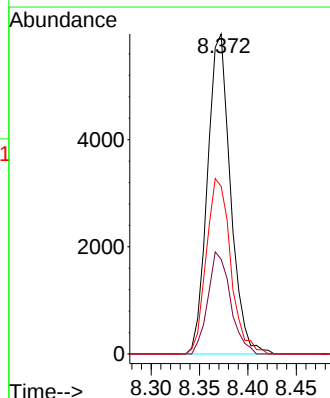
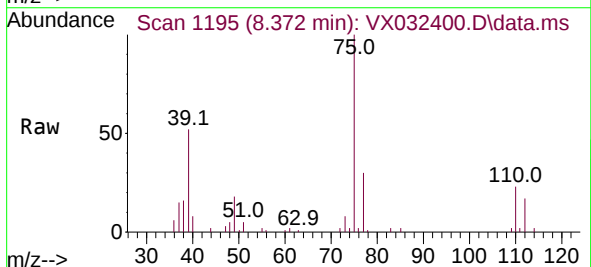
Tgt Ion: 75 Resp: 9898

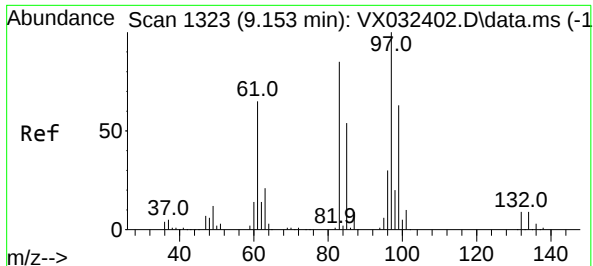
Ion Ratio Lower Upper

75 100

77 29.6 25.1 37.7

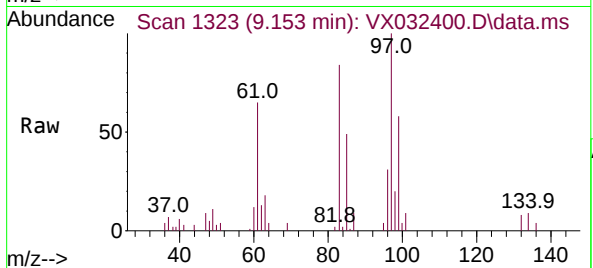
39 52.4 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 4.883 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

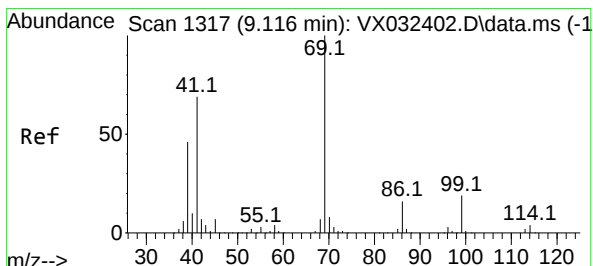
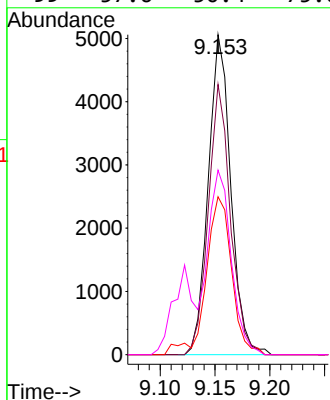
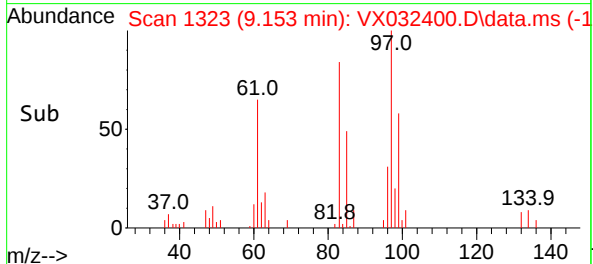
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



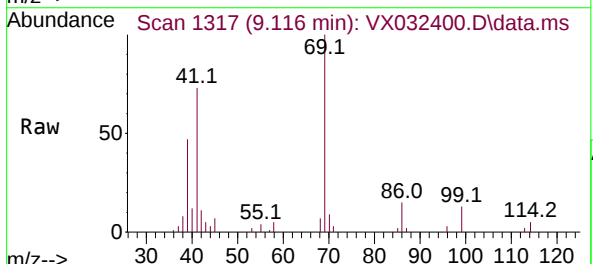
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.1	102.1
85	49.3	43.3	64.9
99	57.6	50.4	75.6

Manual Integrations
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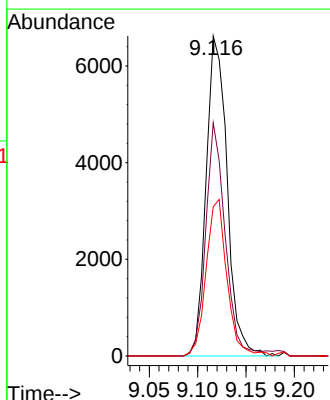
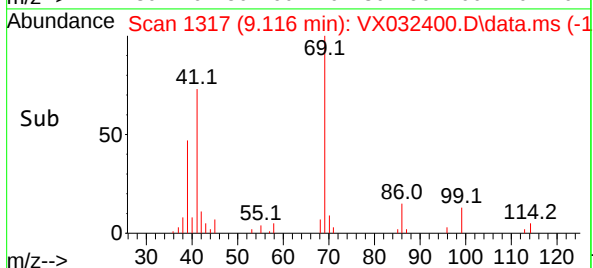
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

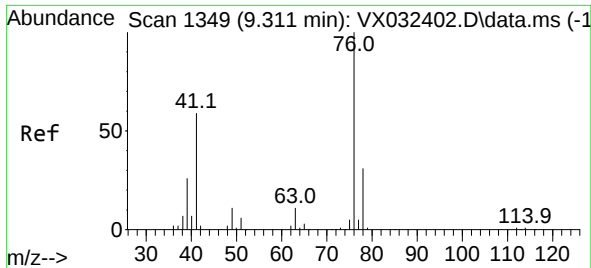


#56
Ethyl methacrylate
Concen: 4.697 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.3	81.5
39	48.6	35.2	52.8





#57

1,3-Dichloropropane

Concen: 4.904 ug/l

RT: 9.311 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1172

Ion Ratio Lower Upper

76 100

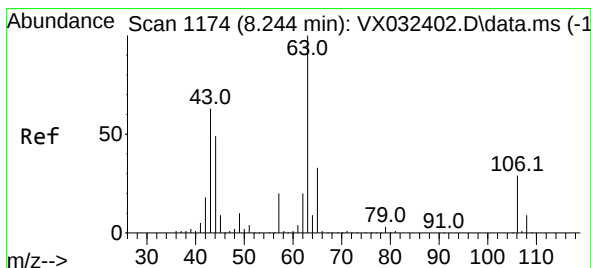
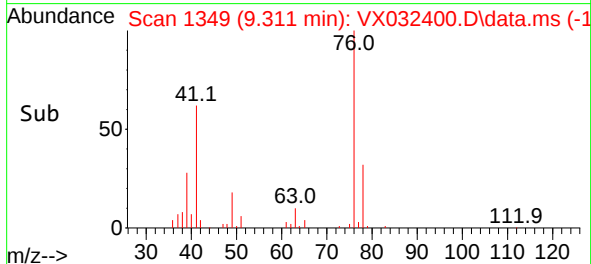
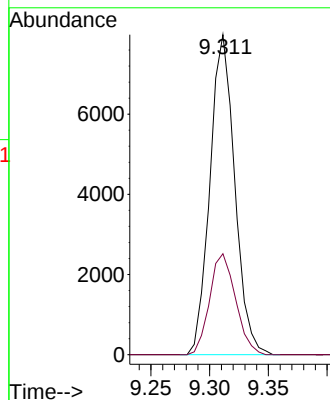
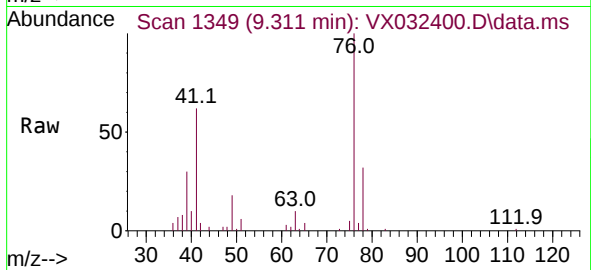
78 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 23.150 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX032400.D

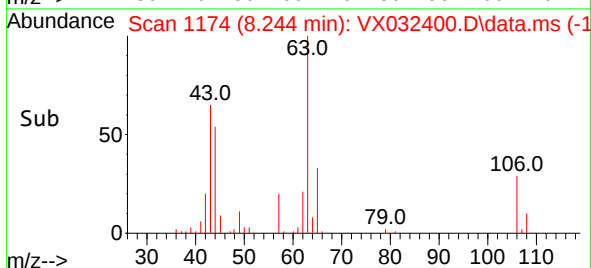
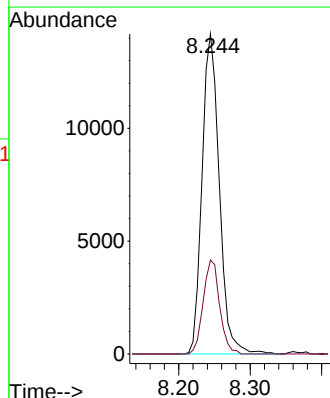
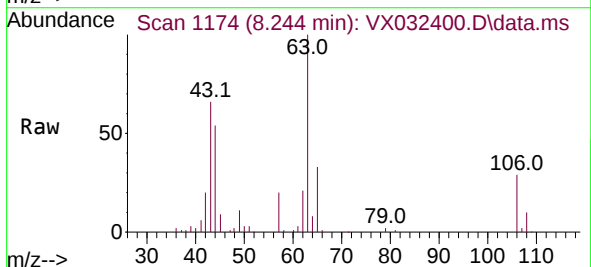
Acq: 26 Oct 2022 13:25

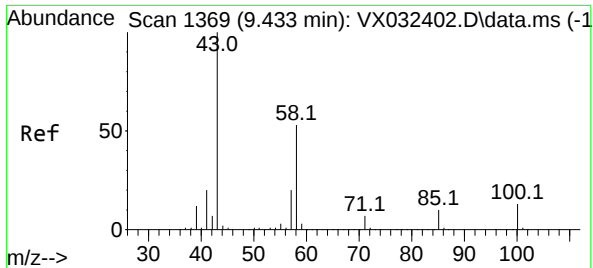
Tgt Ion: 63 Resp: 23758

Ion Ratio Lower Upper

63 100

106 28.0 23.3 34.9





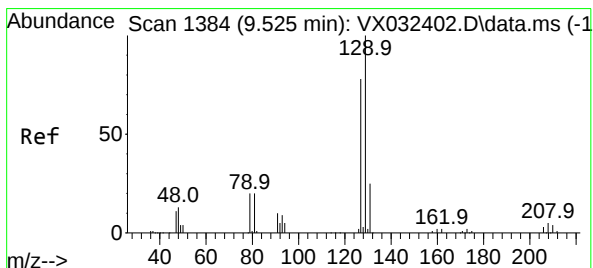
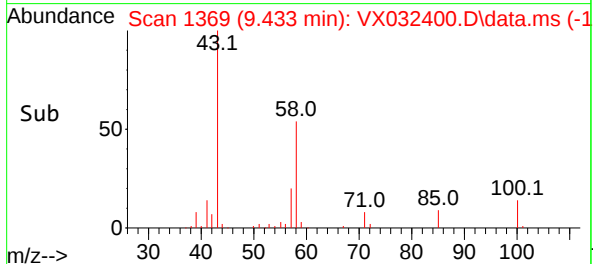
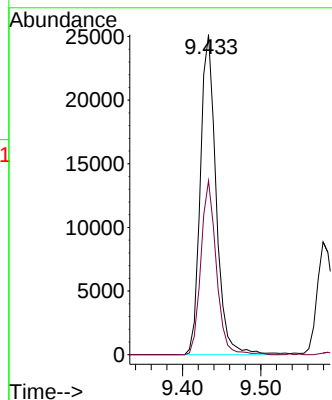
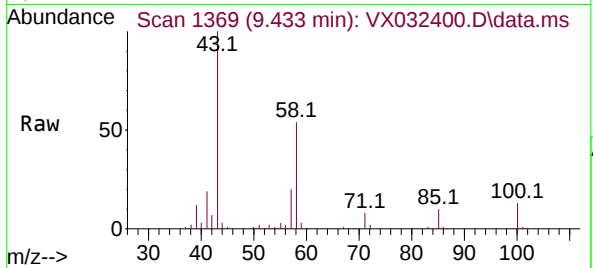
#59
2-Hexanone
Concen: 24.758 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 35220
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.5

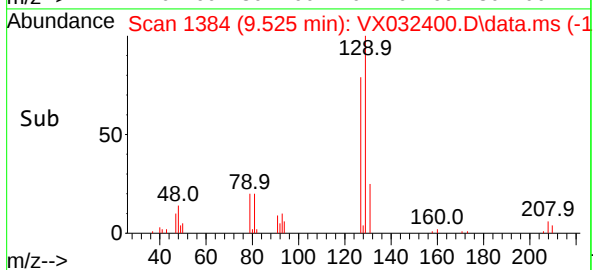
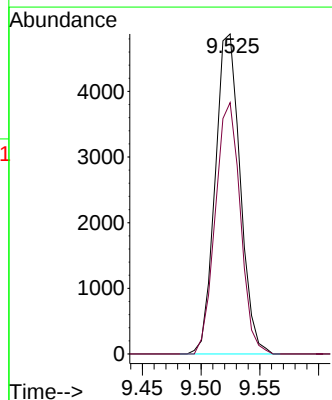
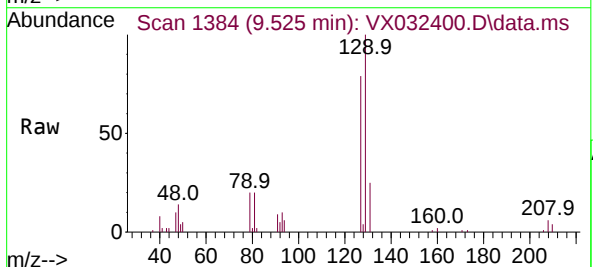
Manual Integrations
APPROVED

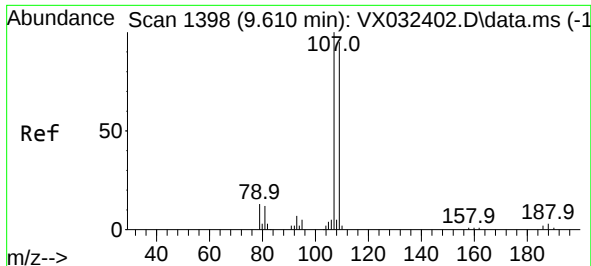
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 4.464 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

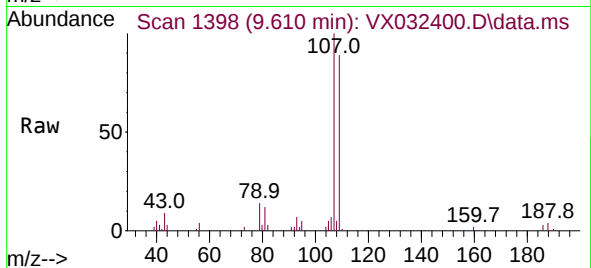
Tgt Ion:129 Resp: 7221
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 4.749 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

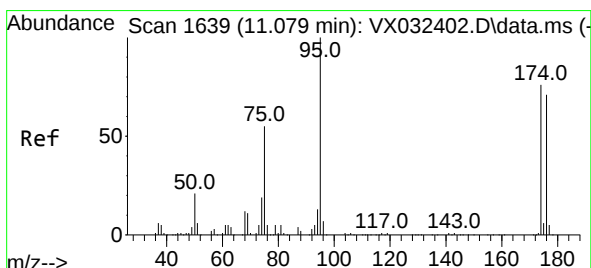
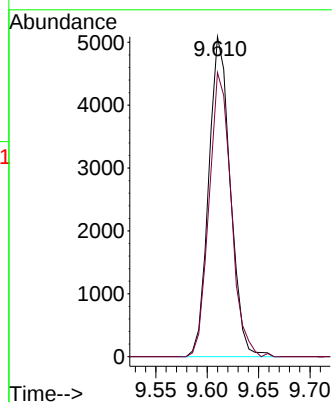
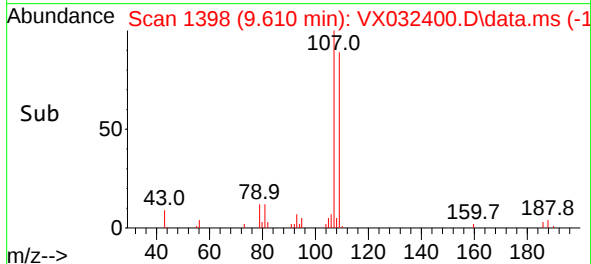
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 745
Ion Ratio Lower Upper
107 100
109 90.5 76.0 114.0

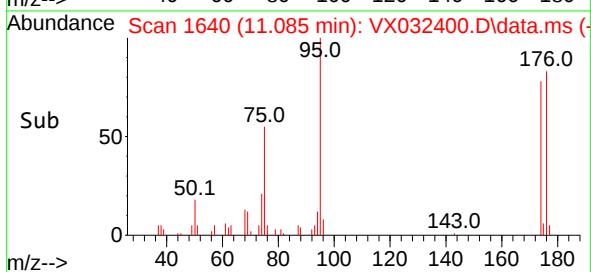
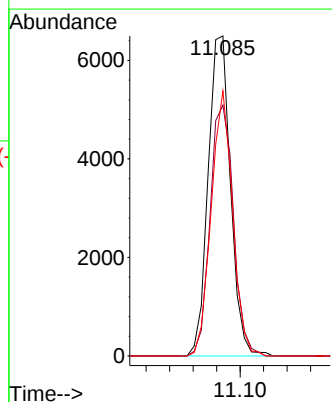
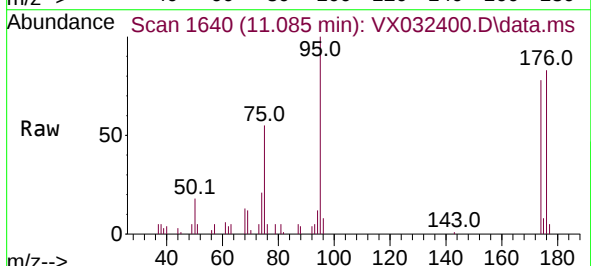
Manual Integrations
APPROVED

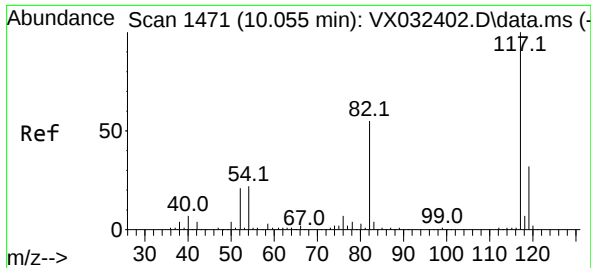
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#62
4-Bromofluorobenzene
Concen: 4.625 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

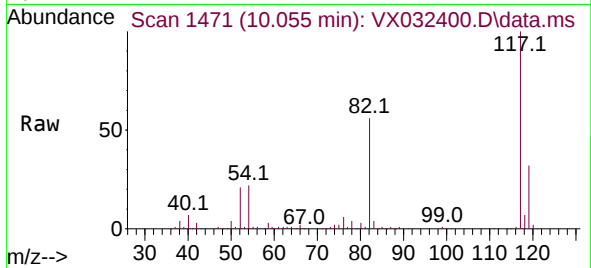
Tgt Ion: 95 Resp: 8593
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 79.1 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

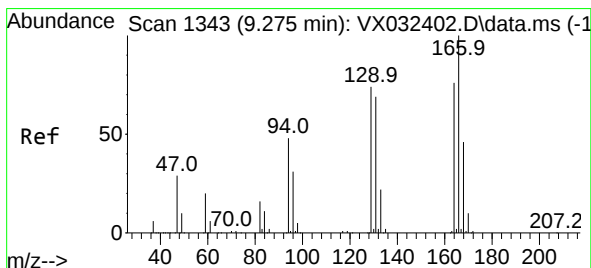
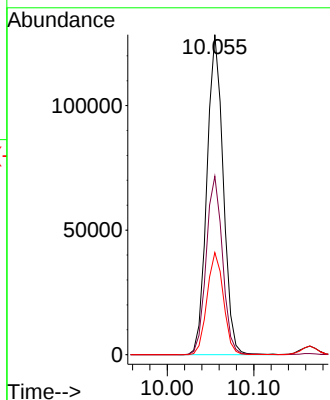
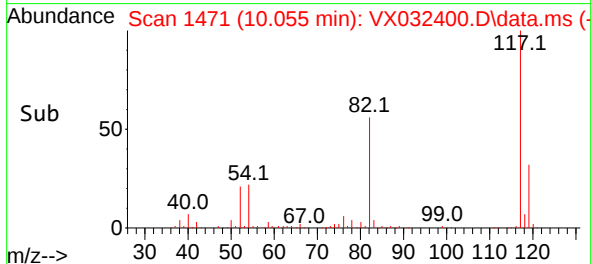
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 167860
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 31.9 25.7 38.5

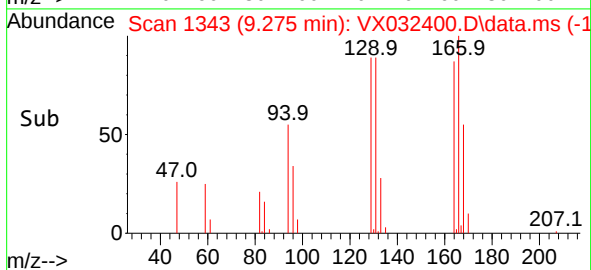
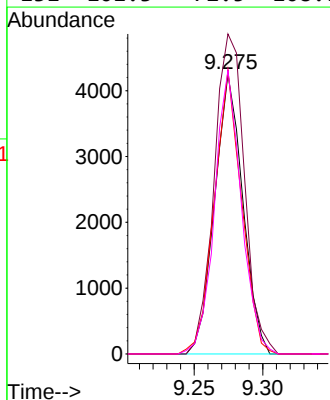
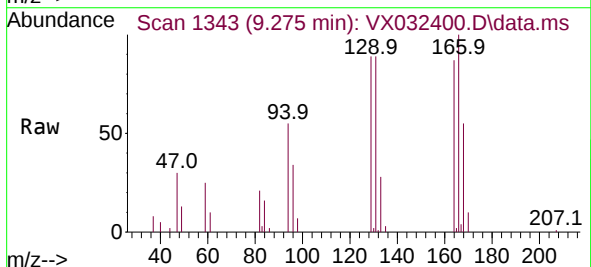
Manual Integrations
APPROVED

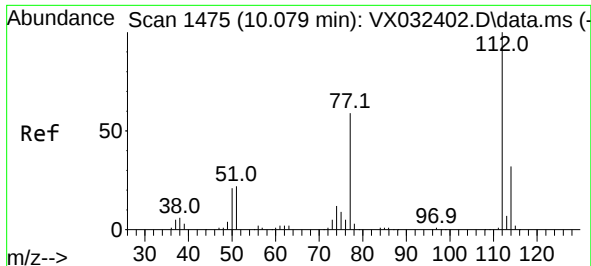
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 4.939 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion:164 Resp: 6068
Ion Ratio Lower Upper
164 100
166 114.3 105.4 158.2
129 101.4 78.2 117.2
131 101.3 72.5 108.7





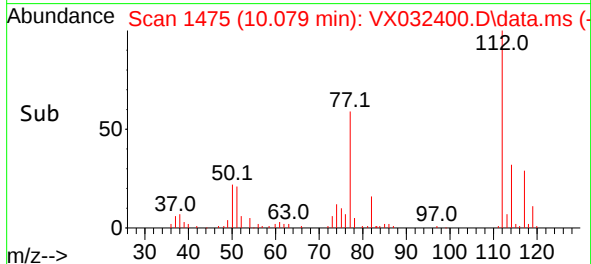
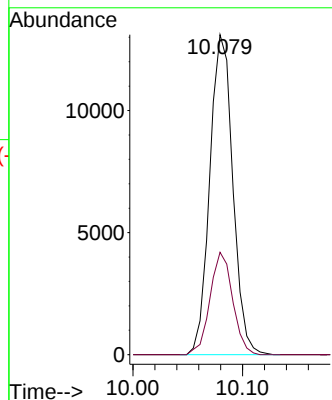
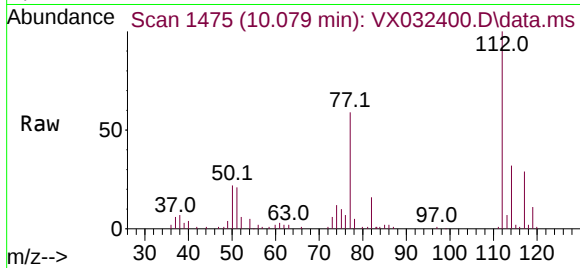
#65
Chlorobenzene
Concen: 5.085 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 19120
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

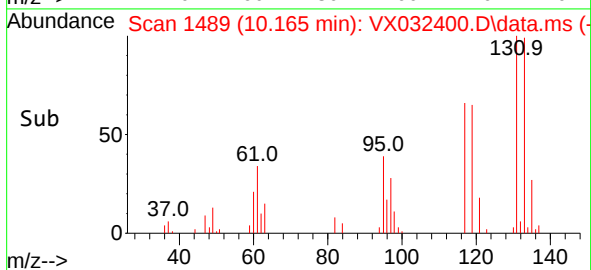
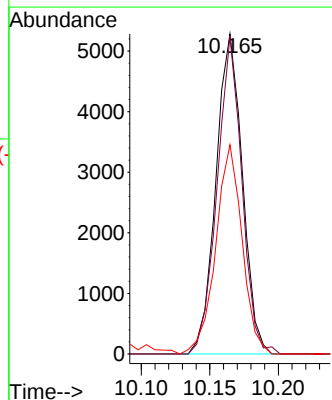
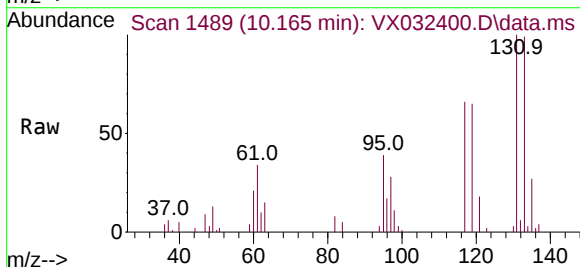
Manual Integrations
APPROVED

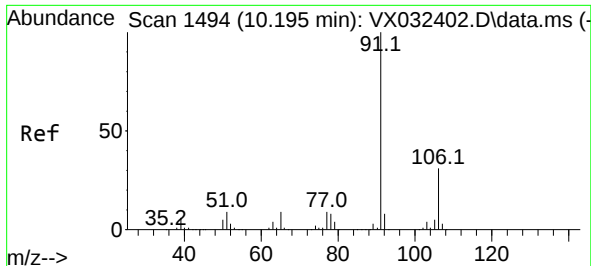
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.999 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion:131 Resp: 7075
Ion Ratio Lower Upper
131 100
133 93.0 47.6 142.9
119 65.2 32.4 97.0





#67

Ethyl Benzene

Concen: 4.708 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 3166

Ion Ratio Lower Upper

91 100

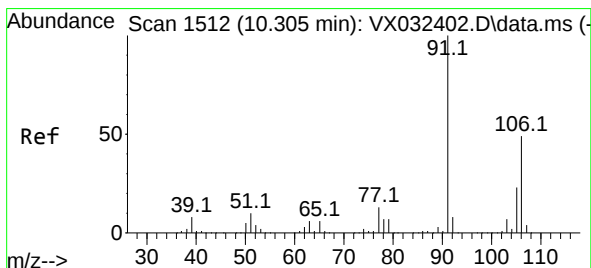
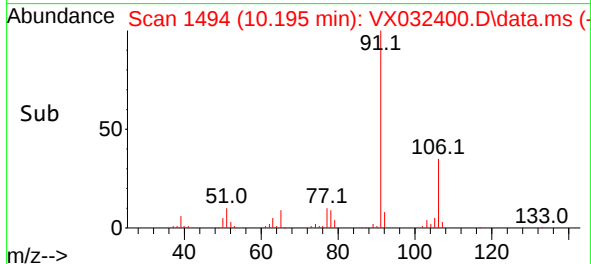
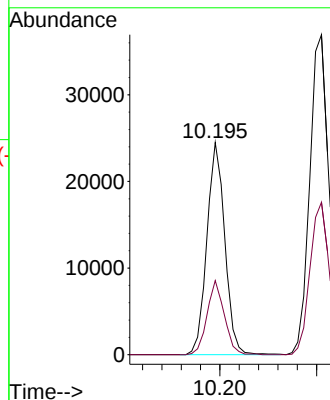
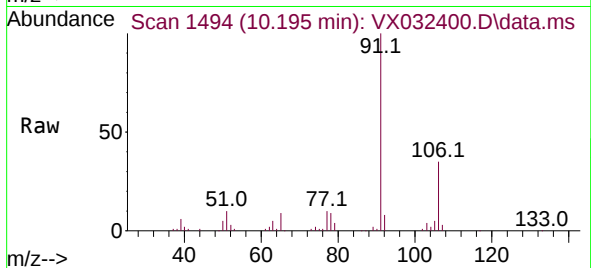
106 34.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#68

m/p-Xylenes

Concen: 9.330 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX032400.D

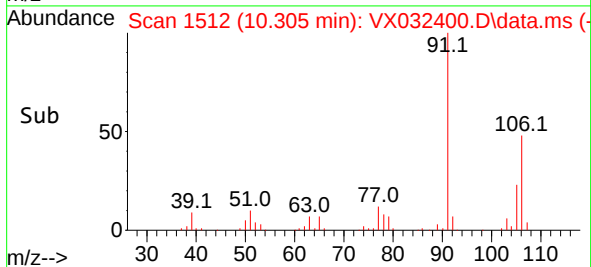
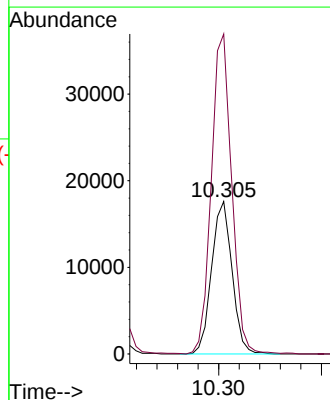
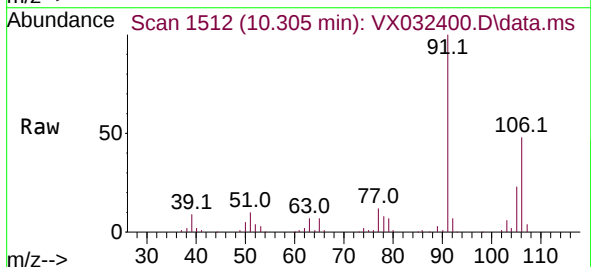
Acq: 26 Oct 2022 13:25

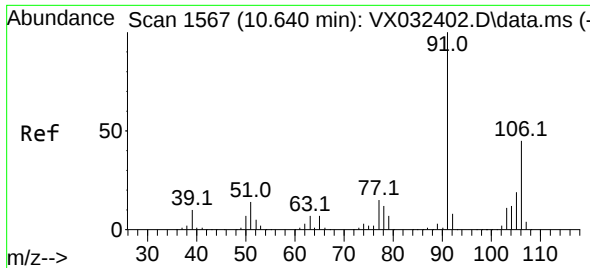
Tgt Ion:106 Resp: 24361

Ion Ratio Lower Upper

106 100

91 209.4 164.5 246.7





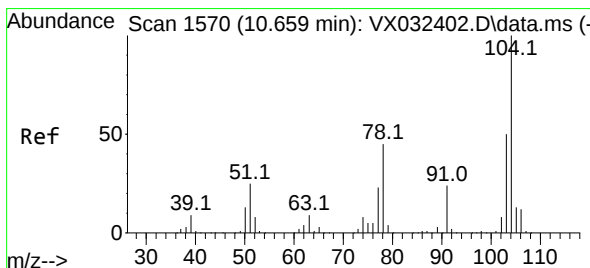
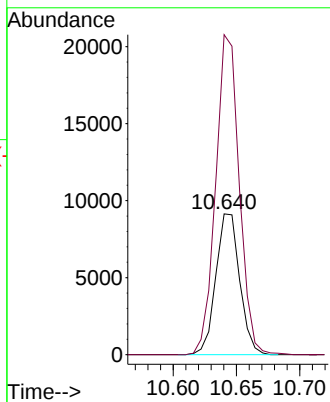
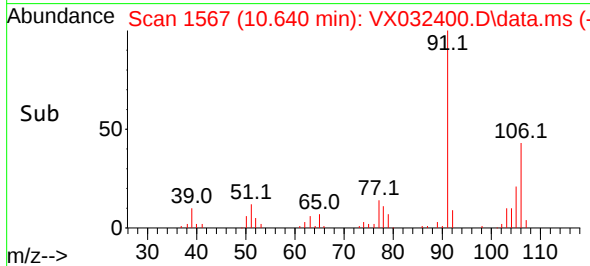
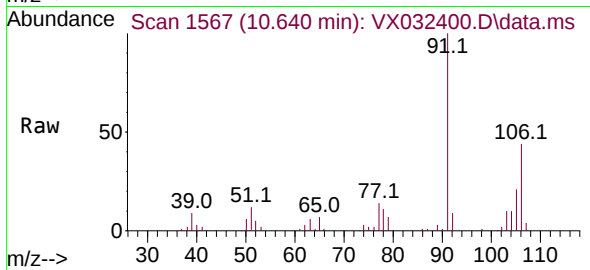
#69
o-Xylene
Concen: 4.715 ug/l
RT: 10.640 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1196
Ion Ratio Lower Upper
106 100
91 225.2 109.2 327.6

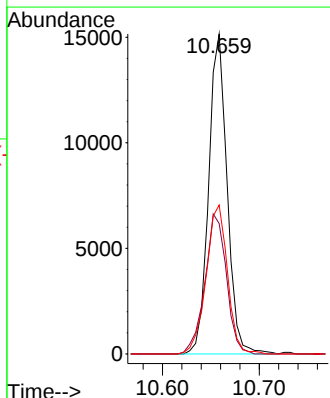
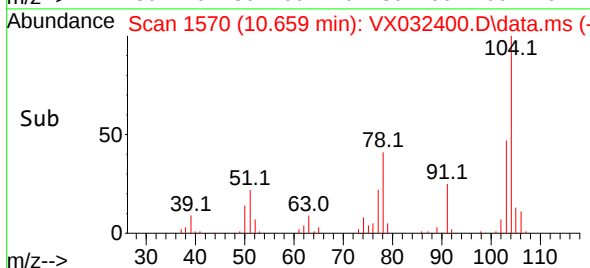
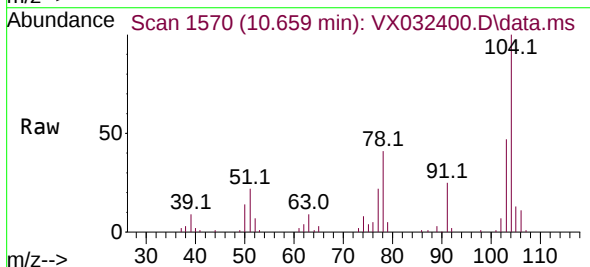
Manual Integrations
APPROVED

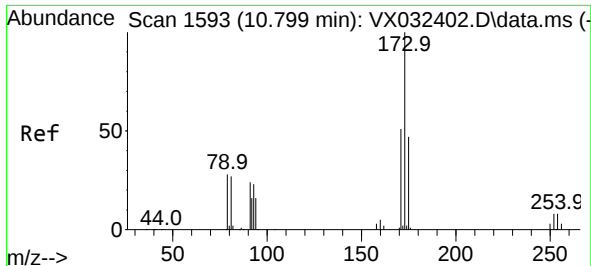
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 4.768 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

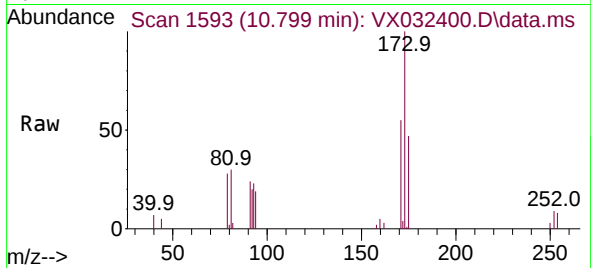
Tgt Ion:104 Resp: 20115
Ion Ratio Lower Upper
104 100
78 51.0 41.8 62.8
103 53.8 44.5 66.7





#71
Bromoform
Concen: 4.547 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

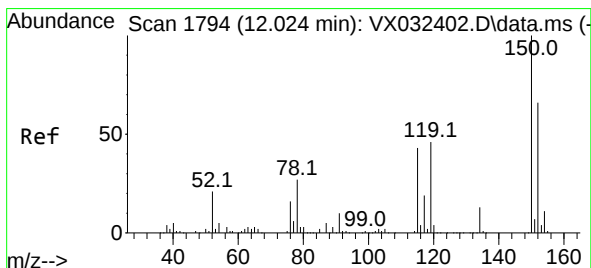
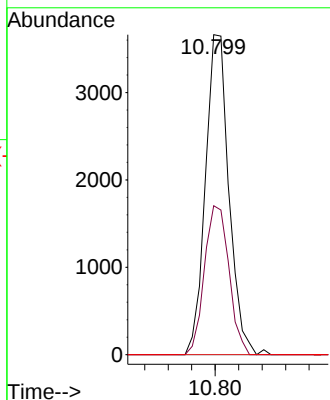
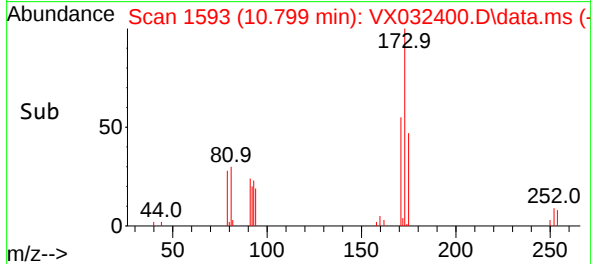
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



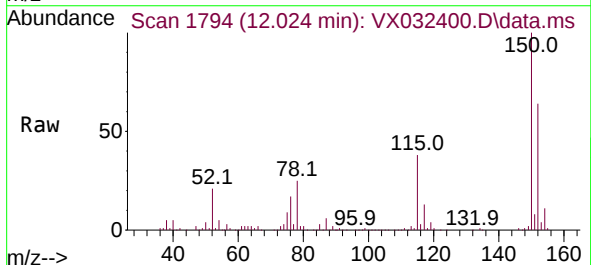
Tgt Ion:173 Resp: 5088
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

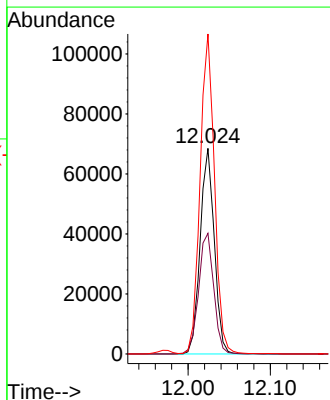
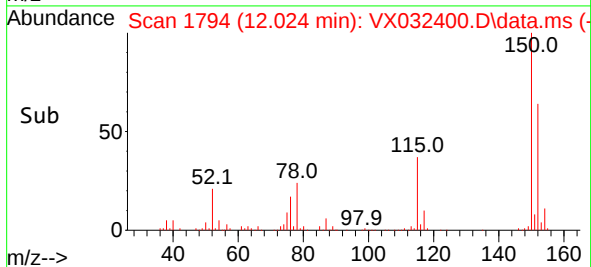
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



Tgt Ion:152 Resp: 81688
Ion Ratio Lower Upper
152 100
115 62.7 44.0 132.0
150 157.7 0.0 351.8





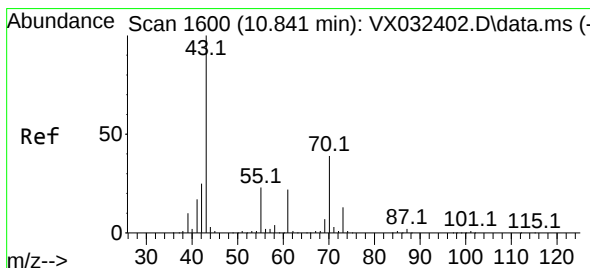
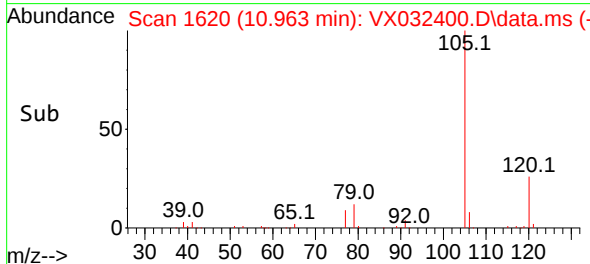
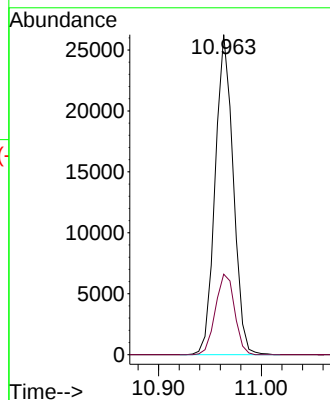
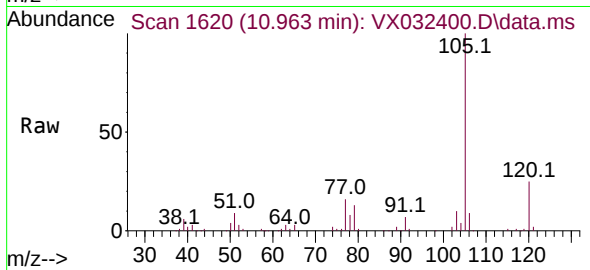
#73
Isopropylbenzene
Concen: 4.947 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 3202
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

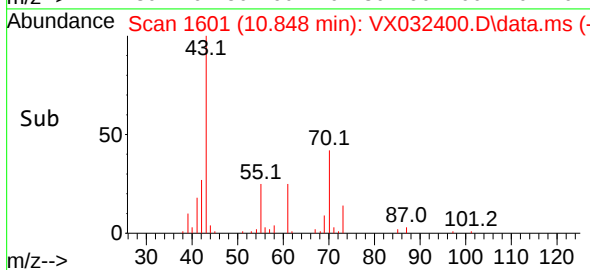
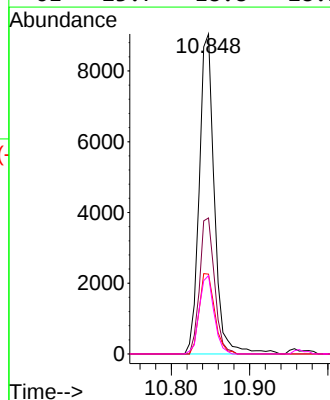
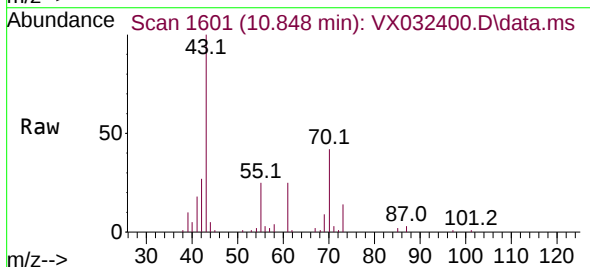
Manual Integrations
APPROVED

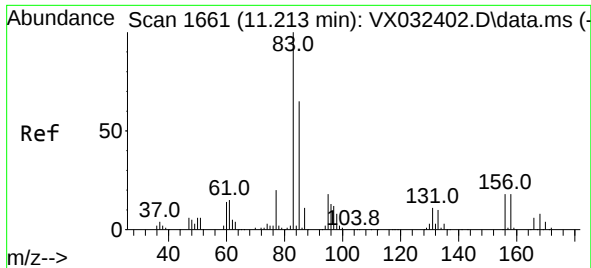
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#74
N-ethyl acetate
Concen: 4.989 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 43 Resp: 12203
Ion Ratio Lower Upper
43 100
70 41.5 33.6 50.4
55 25.5 19.4 29.2
61 23.7 18.8 28.2





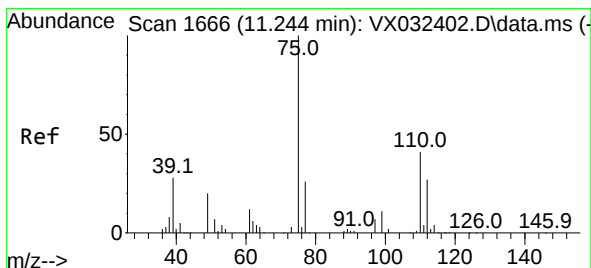
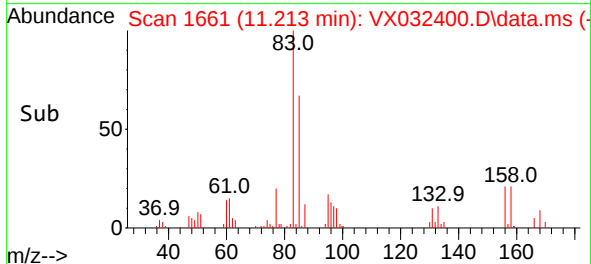
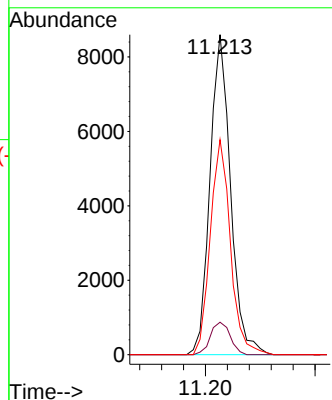
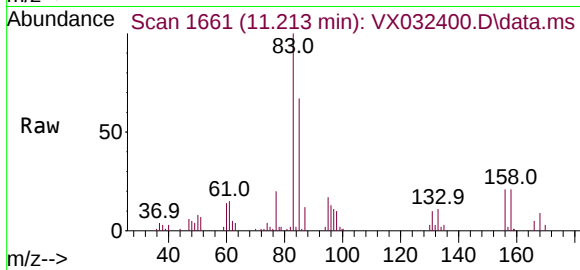
#75
1,1,2,2-Tetrachloroethane
Concen: 5.382 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1118
Ion Ratio Lower Upper
83 100
131 9.8 5.4 16.2
85 65.9 31.9 95.9

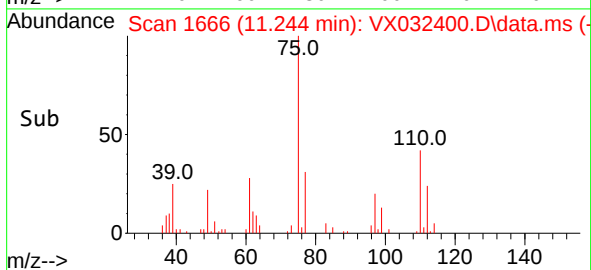
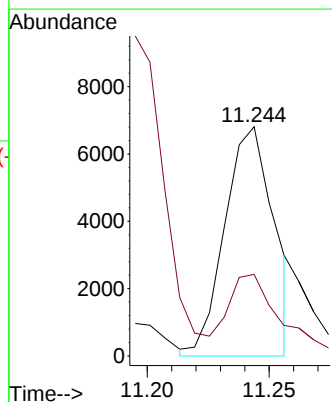
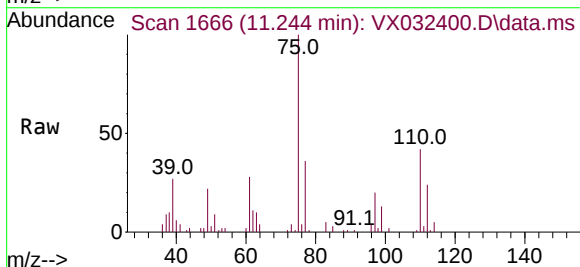
Manual Integrations
APPROVED

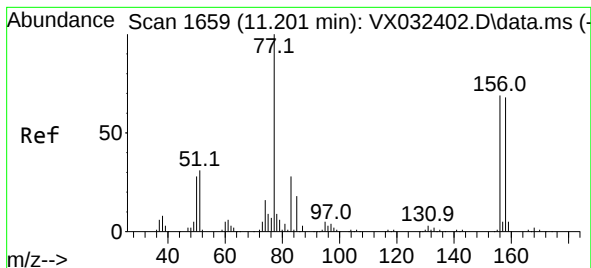
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 5.552 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 75 Resp: 9527
Ion Ratio Lower Upper
75 100
77 38.3 20.0 60.0





#77

Bromobenzene

Concen: 5.221 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

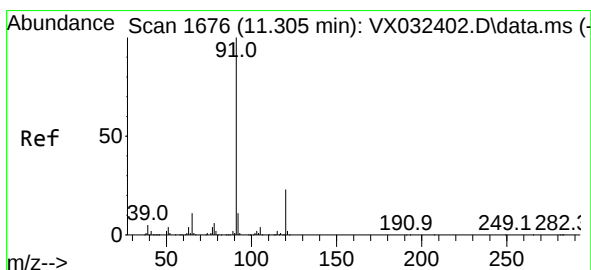
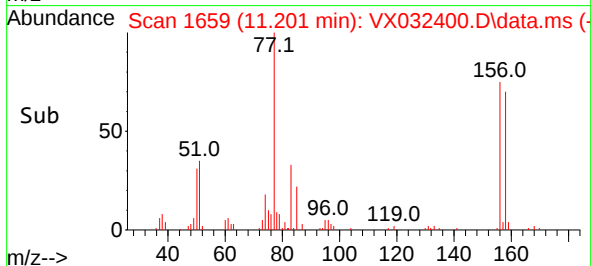
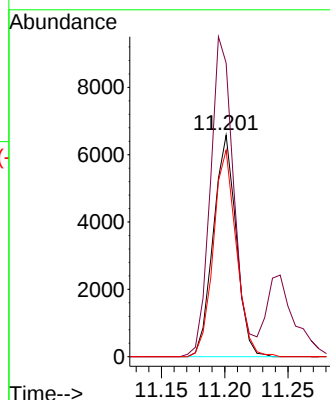
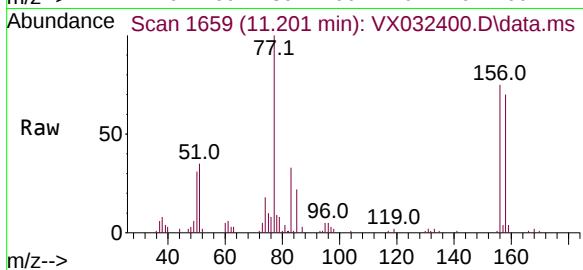
Tgt Ion:	156	Resp:	828
Ion	Ratio	Lower	Upper
156	100		
77	148.3	76.1	228.4
158	93.5	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#78

n-propylbenzene

Concen: 4.914 ug/l

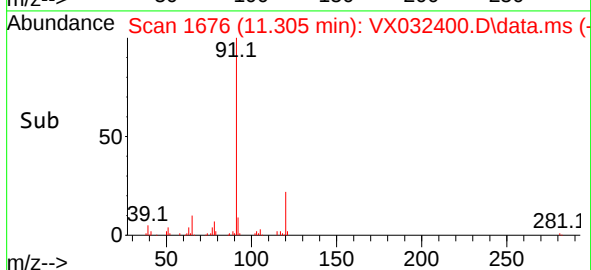
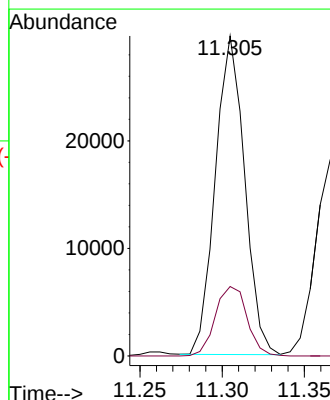
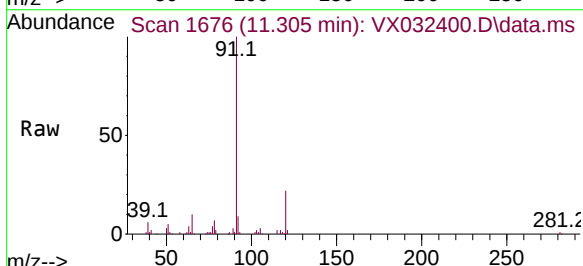
RT: 11.305 min Scan# 1676

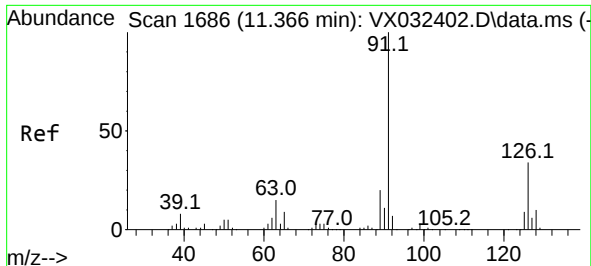
Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Tgt Ion:	91	Resp:	36651
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.8





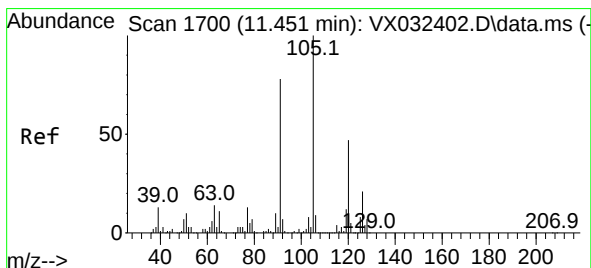
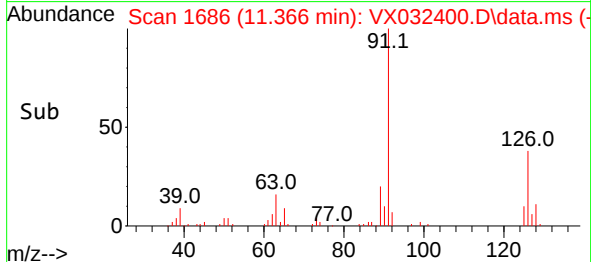
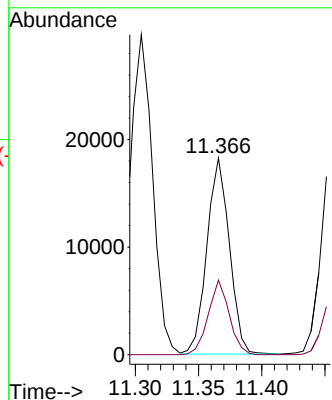
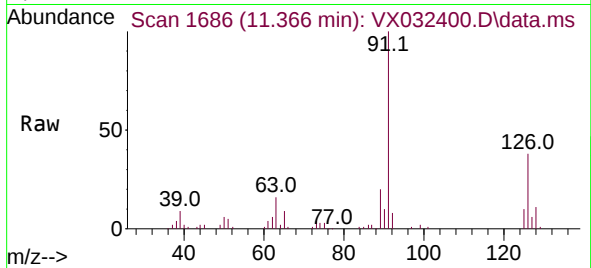
#79
2-Chlorotoluene
Concen: 5.050 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2255
Ion Ratio Lower Upper
91 100
126 35.4 17.1 51.2

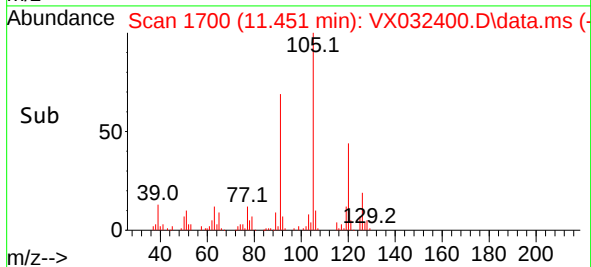
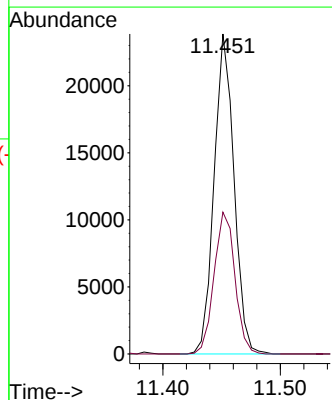
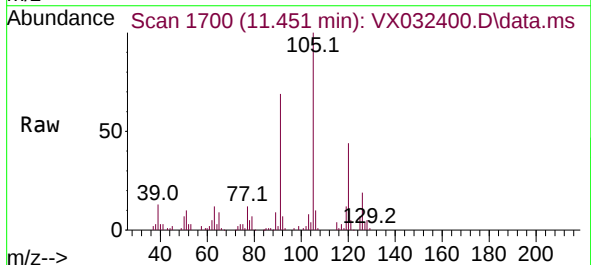
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.065 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion:105 Resp: 28020
Ion Ratio Lower Upper
105 100
120 46.5 23.6 71.0





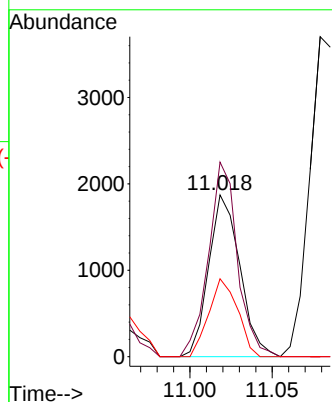
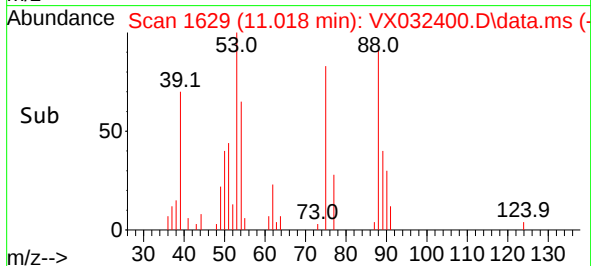
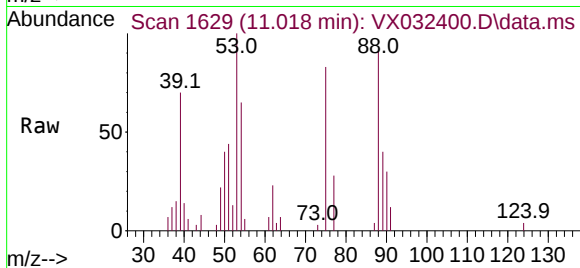
#81
trans-1,4-Dichloro-2-butene
Concen: 4.321 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2468
Ion Ratio Lower Upper
75 100
53 111.7 86.9 130.3
89 44.5 38.3 57.5

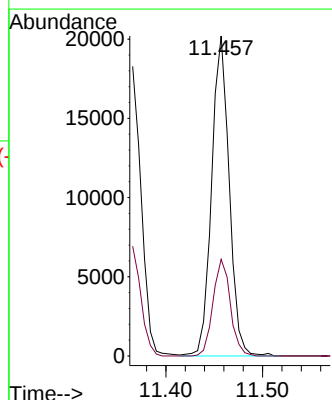
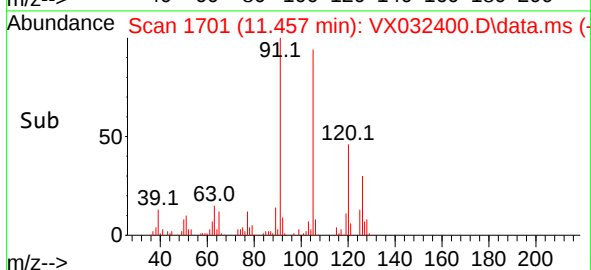
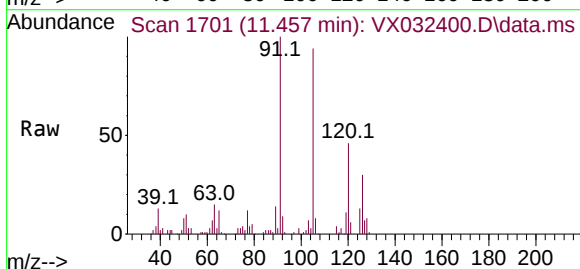
Manual Integrations
APPROVED

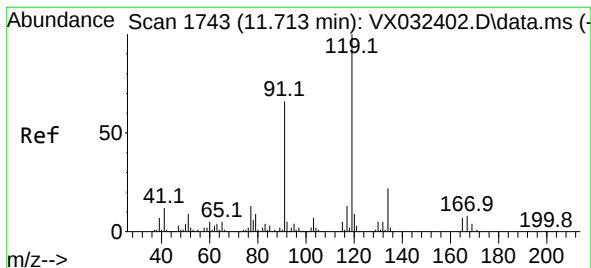
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 4.883 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

Tgt Ion: 91 Resp: 25519
Ion Ratio Lower Upper
91 100
126 29.7 14.8 44.4





#83

tert-Butylbenzene

Concen: 5.061 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

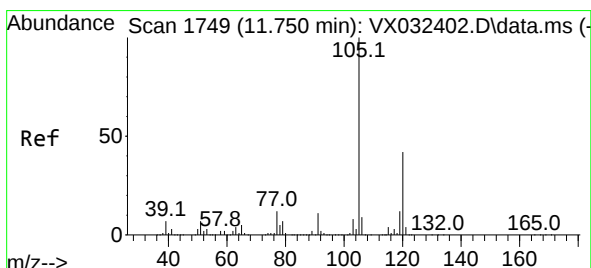
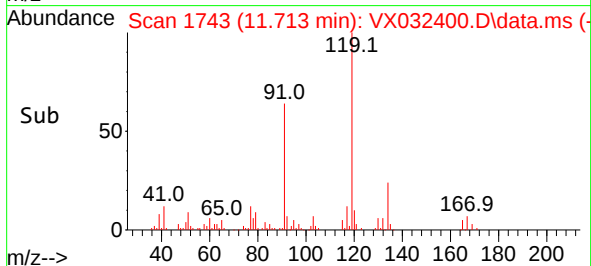
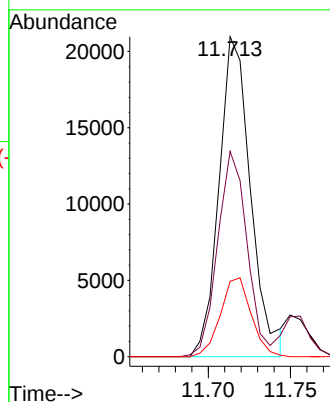
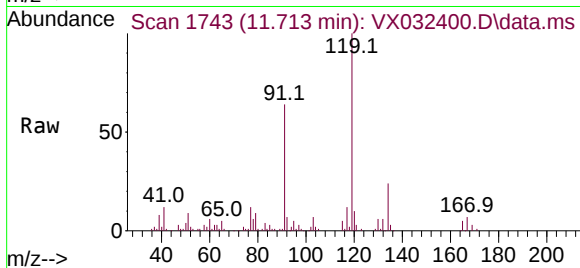
Tgt Ion:119 Resp: 2795
 Ion Ratio Lower Upper
 119 100
 91 60.0 29.4 88.2
 134 24.2 11.0 33.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#84

1,2,4-Trimethylbenzene

Concen: 4.983 ug/l

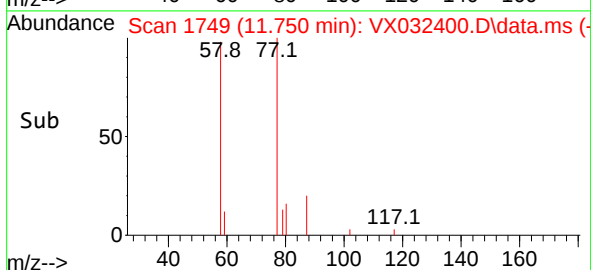
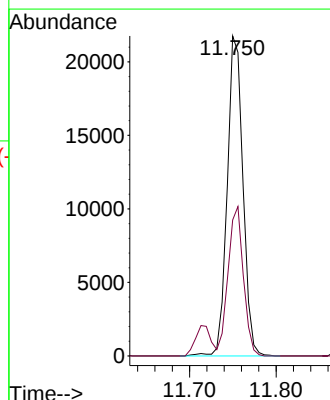
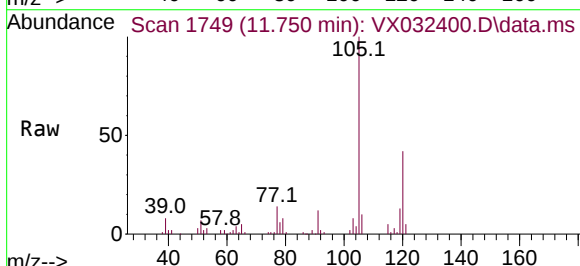
RT: 11.750 min Scan# 1749

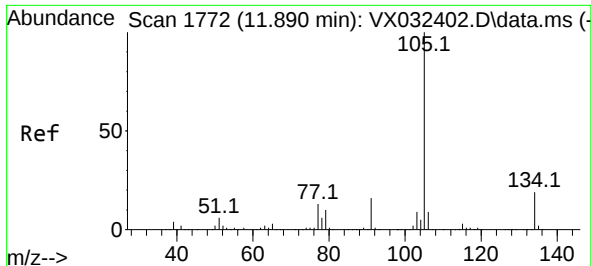
Delta R.T. -0.000 min

Lab File: VX032400.D

Acq: 26 Oct 2022 13:25

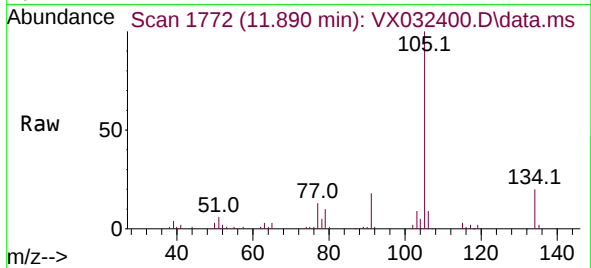
Tgt Ion:105 Resp: 27417
 Ion Ratio Lower Upper
 105 100
 120 45.5 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 4.960 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032400.D
 Acq: 26 Oct 2022 13:25

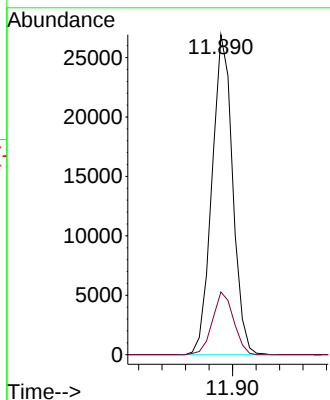
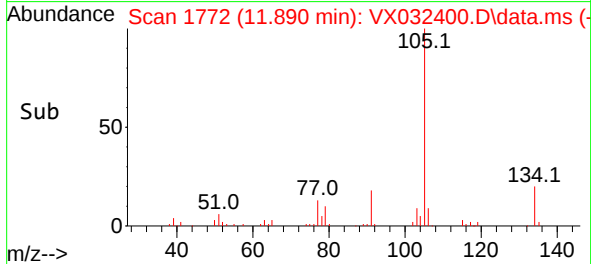
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



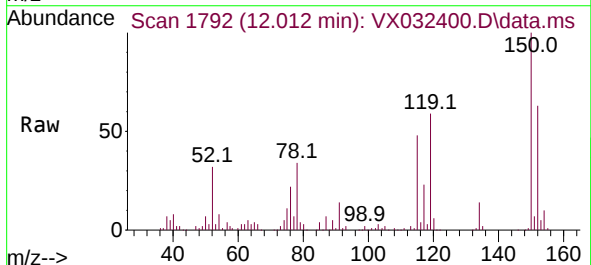
Tgt Ion:105 Resp: 3296
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations
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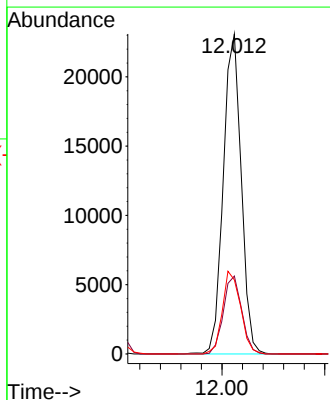
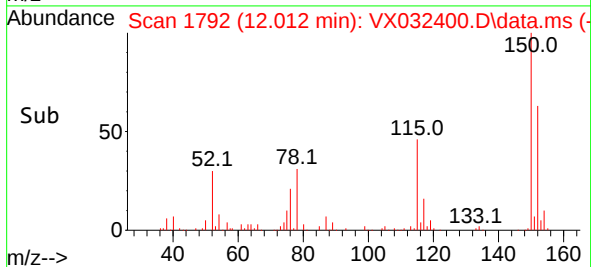
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

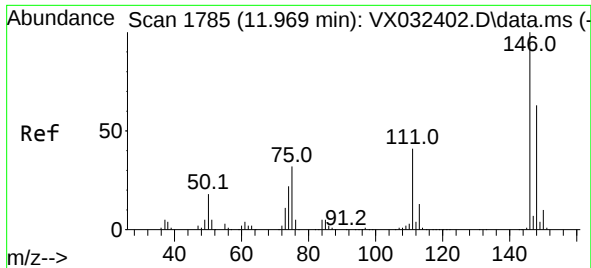


#86
 p-Isopropyltoluene
 Concen: 4.942 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032400.D
 Acq: 26 Oct 2022 13:25



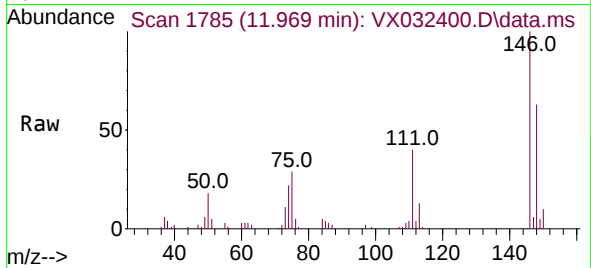
Tgt Ion:119 Resp: 27867
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.9 38.7
 91 26.1 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 5.114 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

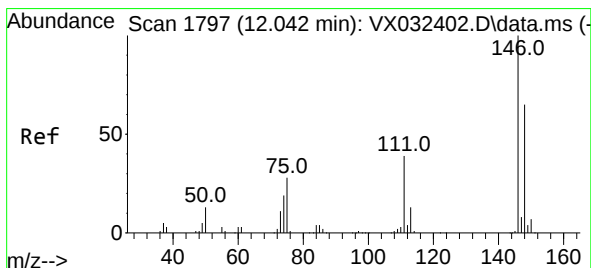
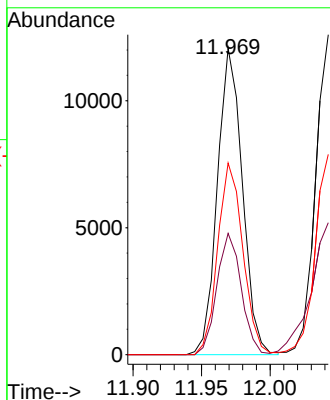
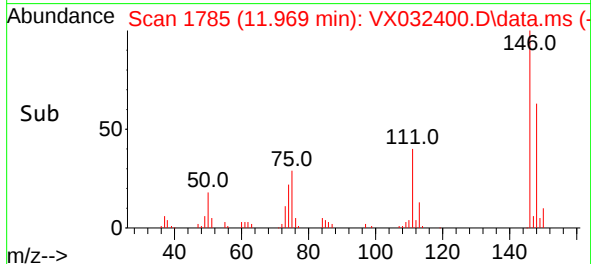
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



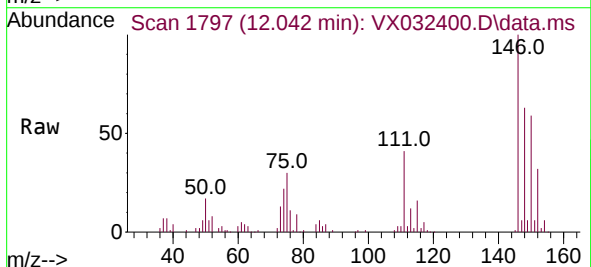
Tgt Ion:146 Resp: 15308
Ion Ratio Lower Upper
146 100
111 38.6 20.6 61.8
148 63.1 31.7 95.1

Manual Integrations
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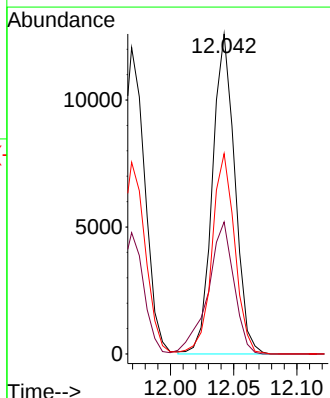
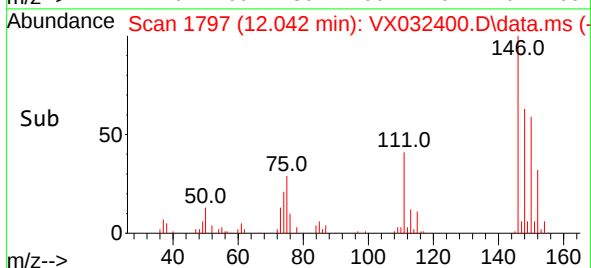
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

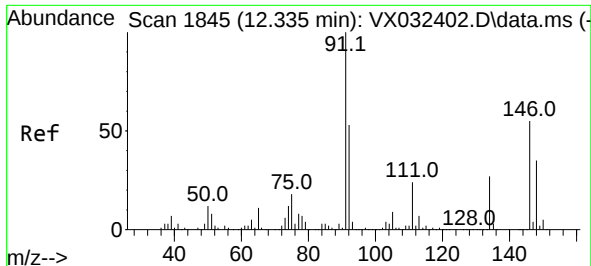


#88
1,4-Dichlorobenzene
Concen: 4.998 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



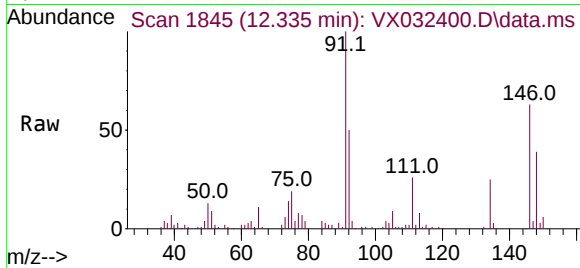
Tgt Ion:146 Resp: 15520
Ion Ratio Lower Upper
146 100
111 47.8 20.5 61.6
148 63.5 32.2 96.6





#89
n-Butylbenzene
Concen: 4.809 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

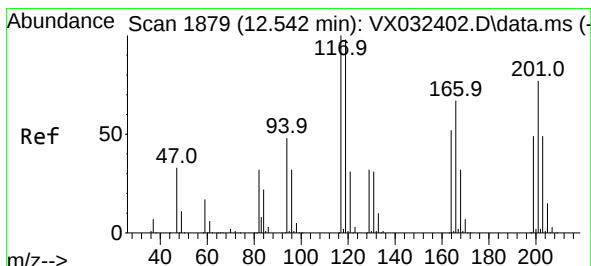
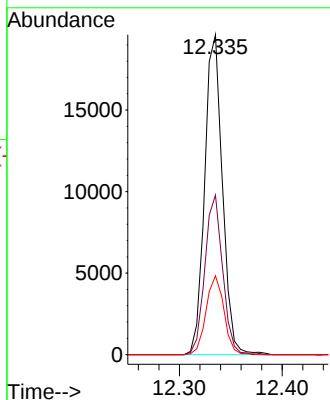
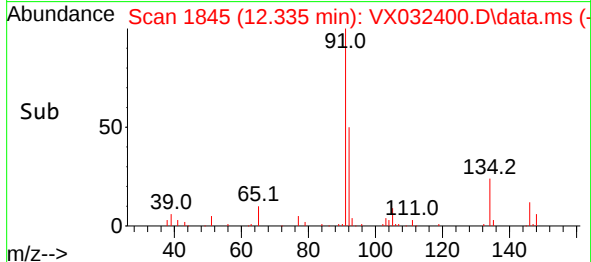
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



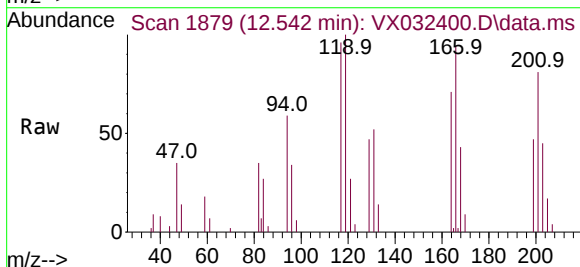
Tgt Ion: 91 Resp: 2359
Ion Ratio Lower Upper
91 100
92 49.9 26.2 78.6
134 24.9 12.9 38.6

Manual Integrations
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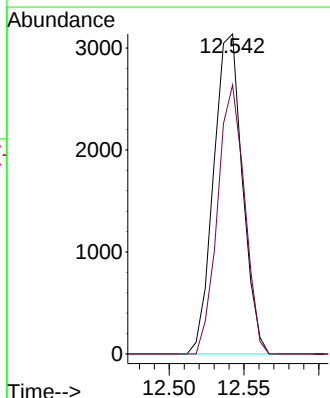
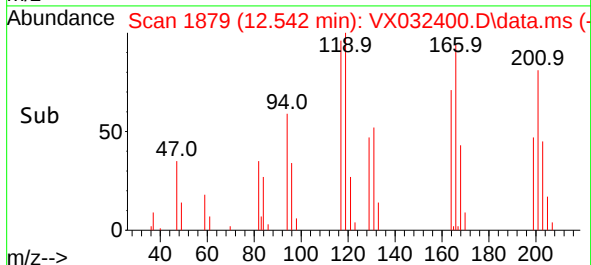
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

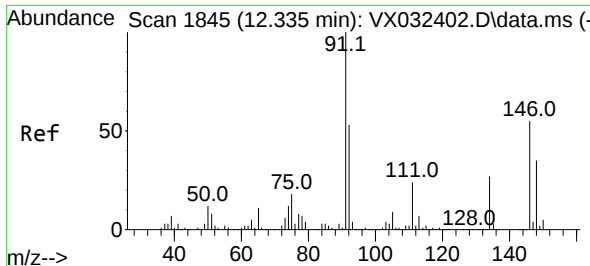


#90
Hexachloroethane
Concen: 4.565 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



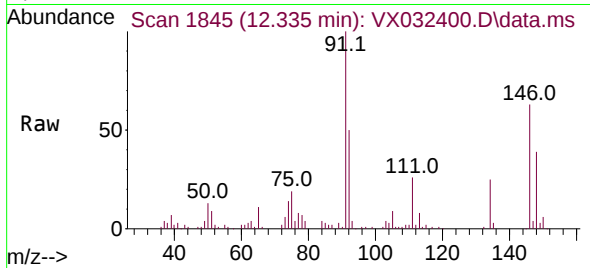
Tgt Ion:117 Resp: 4205
Ion Ratio Lower Upper
117 100
201 78.6 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 5.162 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

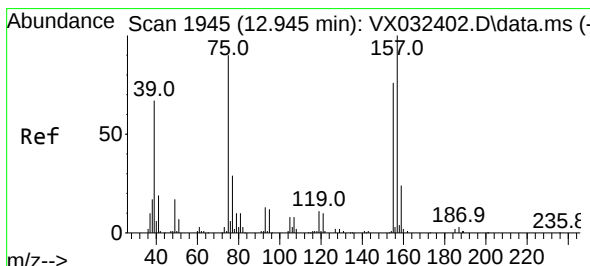
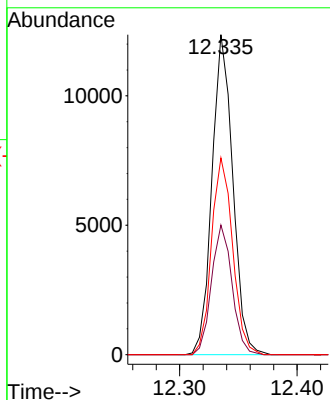
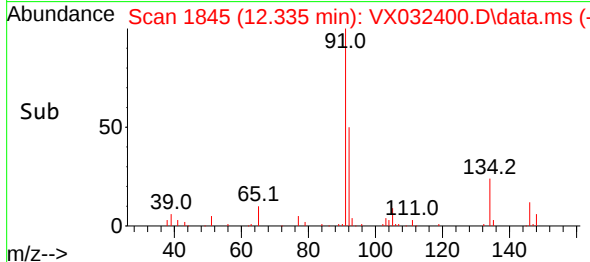
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



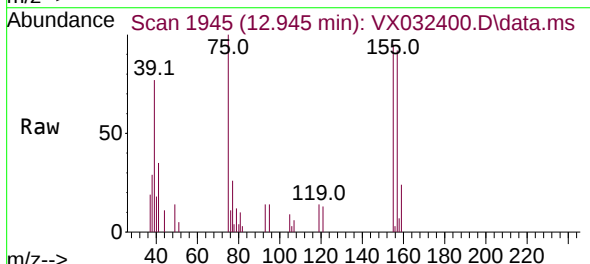
Tgt Ion:146 Resp: 15238
Ion Ratio Lower Upper
146 100
111 39.9 21.5 64.5
148 62.4 32.0 96.2

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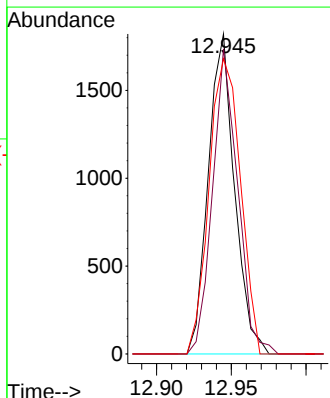
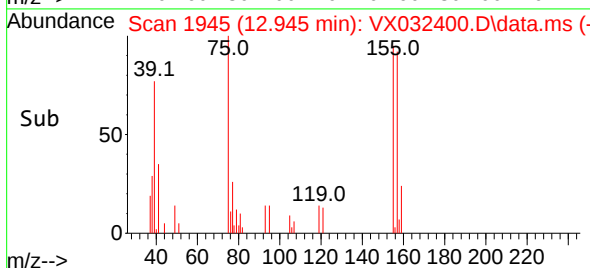
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

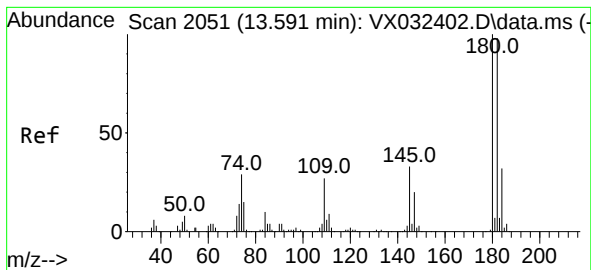


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.884 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



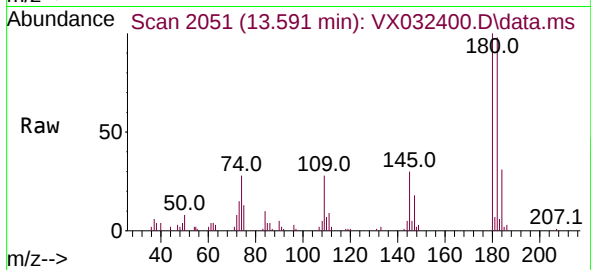
Tgt Ion: 75 Resp: 2225
Ion Ratio Lower Upper
75 100
155 91.1 41.6 124.8
157 110.2 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 4.902 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

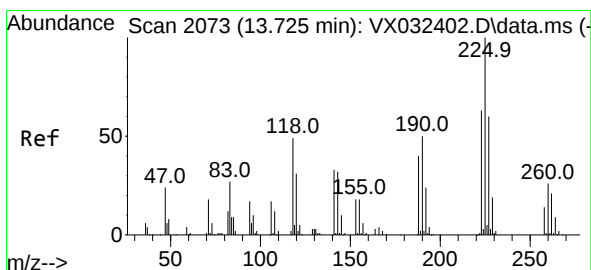
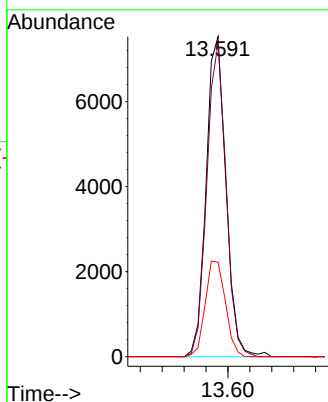
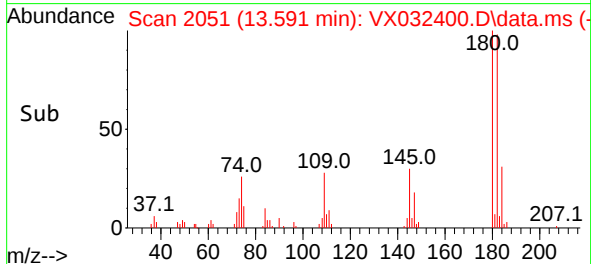
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



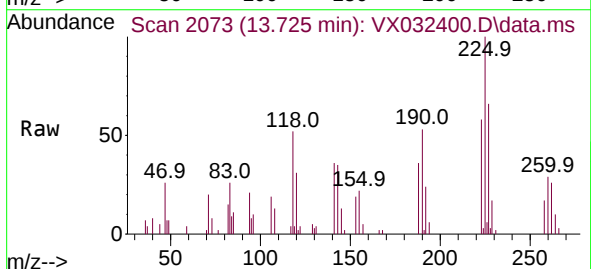
Tgt Ion:180 Resp: 9434
Ion Ratio Lower Upper
180 100
182 94.9 48.4 145.0
145 30.4 16.2 48.5

Manual Integrations
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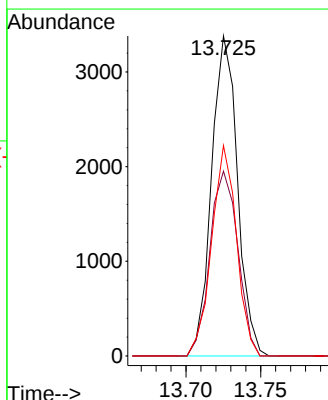
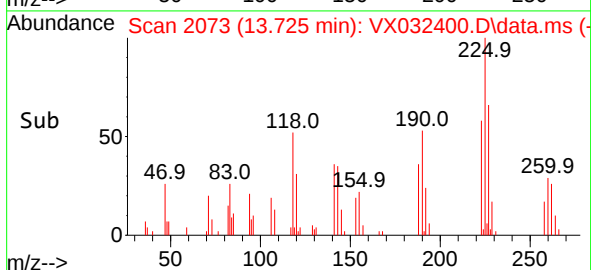
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

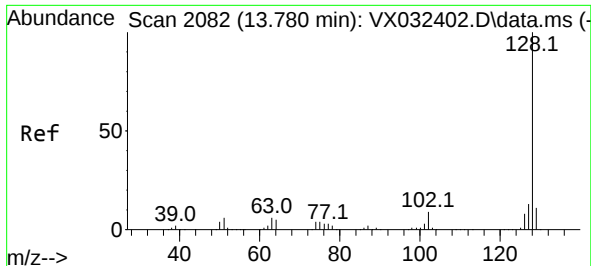


#94
Hexachlorobutadiene
Concen: 5.066 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



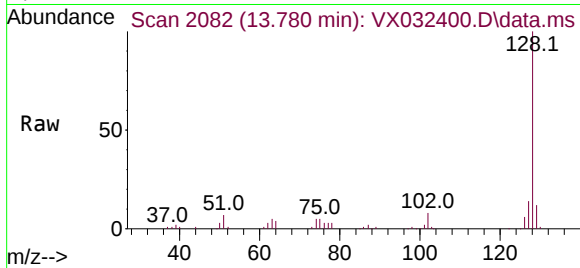
Tgt Ion:225 Resp: 4072
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.9
227 63.0 31.9 95.5





#95
Naphthalene
Concen: 4.953 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25

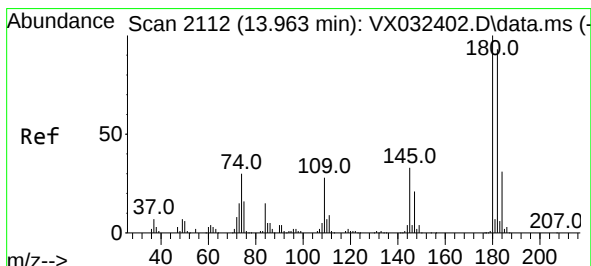
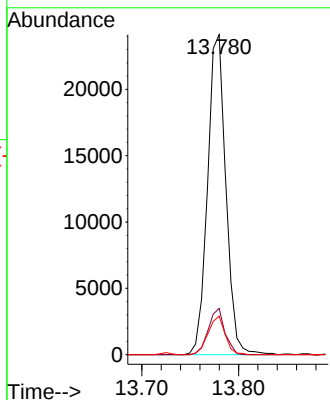
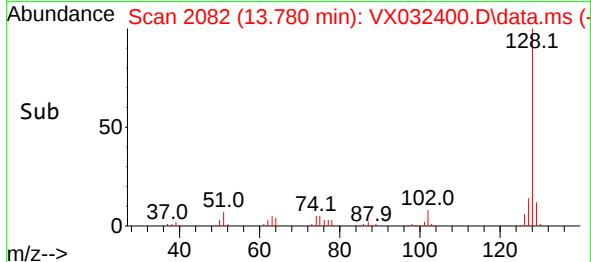
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



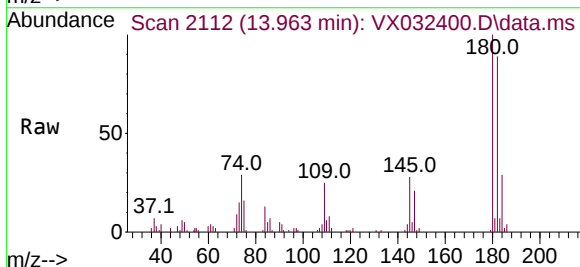
Tgt Ion:128 Resp: 31762
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.3 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 5.058 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032400.D
Acq: 26 Oct 2022 13:25



Tgt Ion:180 Resp: 9895
Ion Ratio Lower Upper
180 100
182 92.6 47.5 142.6
145 30.5 16.9 50.6

