

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042822\
 Data File : VX028404.D
 Acq On : 28 Apr 2022 16:45
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2022
 Supervised By : Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 05:40:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 05:39:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	70226	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	394447	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	352659	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	134787	28.113	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.700%		
60) 4-Bromofluorobenzene	11.079	95	157628	27.721	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.400%		
63) Toluene-d8	8.647	98	452177	29.824	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11891	2.923	ug/l	97
3) Chloromethane	1.294	50	9868	3.024	ug/l	97
4) Vinyl Chloride	1.374	62	12347	3.795	ug/l	95
5) Bromomethane	1.605	94	13539	7.313	ug/l	99
6) Chloroethane	1.684	64	10085	5.010	ug/l	94
7) Trichlorofluoromethane	1.886	101	27971	4.822	ug/l	95
8) Diethyl Ether	2.136	74	10861	5.610	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	17583	4.509	ug/l	99
10) 1,1-Dichloroethene	2.318	96	13633	3.665	ug/l	92
11) Methyl Iodide	2.453	142	14348	3.182	ug/l	98
12) Methyl Acetate	2.703	43	20894	4.155	ug/l	98
13) Acrolein	2.233	56	21894	26.202	ug/l	97
14) Acrylonitrile	3.068	53	47893	21.072	ug/l	99
15) Acetone	2.379	58	14274	22.171	ug/l	86
16) Carbon Disulfide	2.514	76	14436	1.581	ug/l	98
17) Allyl chloride	2.660	41	19096	3.129	ug/l	97
18) Methylene Chloride	2.788	84	18614	4.348	ug/l	89
19) trans-1,2-Dichloroethene	3.093	96	14905	3.682	ug/l	86
20) Diisopropyl ether	3.757	45	50872	4.171	ug/l	95
21) 1,1-Dichloroethane	3.605	63	30203	4.230	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	21089	4.401	ug/l	94
23) tert-Butyl Alcohol	2.946	59	33843	35.241	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	59742	4.617	ug/l	97
25) Chloroform	5.098	83	35177	4.548	ug/l	98
26) Cyclohexane	5.470	56	18596	3.025	ug/l #	86
29) 1,1-Dichloropropene	5.690	75	21047	3.716	ug/l	96
30) 2-Butanone	4.562	43	63498	19.548	ug/l	92
31) 2,2-Dichloropropane	4.477	77	25040	4.261	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	28418	4.050	ug/l	98
33) Carbon Tetrachloride	5.684	117	23112	3.644	ug/l	96
34) Benzene	6.037	78	69036	4.135	ug/l	96
35) Methacrylonitrile	4.928	41	12652	3.744	ug/l	81
36) 1,2-Dichloroethane	6.092	62	25738	4.213	ug/l #	92
37) Trichloroethene	7.129	130	20693	4.076	ug/l	94
38) Methylcyclohexane	7.385	83	21539	3.146	ug/l	93
39) 1,2-Dichloropropane	7.433	63	17660	4.249	ug/l	95
40) Dibromomethane	7.580	93	13188	4.207	ug/l	97
41) Bromodichloromethane	7.824	83	23452	3.928	ug/l #	96
42) Vinyl Acetate	3.721	43	193822	18.034	ug/l	97

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 29 05:40:12 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	24909	4.029	ug/l	98
44) Isopropyl Acetate	6.342	43	36704	3.843	ug/l #	78
45) 1,4-Dioxane	7.671	88	9250	83.374	ug/l	94
46) Methyl methacrylate	7.696	41	16675	3.572	ug/l	86
47) n-amyl Acetate	10.847	43	27803	3.503	ug/l	92
48) t-1,3-Dichloropropene	8.982	75	21843	3.521	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	24986	3.684	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	21022	4.650	ug/l	95
51) Ethyl methacrylate	9.122	69	26753	3.863	ug/l	85
52) 1,3-Dichloropropane	9.311	76	33621	4.500	ug/l	98
53) Dibromochloromethane	9.518	129	17437	3.595	ug/l	97
54) 1,2-Dibromoethane	9.610	107	21275	4.355	ug/l	96
55) 2-Chloroethyl vinyl ether	8.244	63	66689	19.673	ug/l	98
56) Bromoform	10.805	173	12730	3.558	ug/l	94
58) 4-Methyl-2-Pentanone	8.573	43	127630	20.846	ug/l	94
59) 2-Hexanone	9.433	43	95530	20.302	ug/l	96
61) Tetrachloroethene	9.275	164	21090	4.347	ug/l	97
62) Toluene	8.720	91	79424	4.322	ug/l	98
64) Chlorobenzene	10.079	112	55440	4.628	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	20040	4.384	ug/l	95
66) Ethyl Benzene	10.195	91	92123	4.413	ug/l	100
67) m/p-Xylenes	10.305	106	73070	8.914	ug/l	96
68) o-Xylene	10.640	106	36656	4.546	ug/l	99
69) Styrene	10.658	104	58455	4.360	ug/l	96
70) Isopropylbenzene	10.963	105	97933	4.623	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	32594	5.102	ug/l	99
72) 1,2,3-Trichloropropane	11.244	75	28704m	4.710	ug/l	
73) Bromobenzene	11.201	156	26042	4.898	ug/l	92
74) n-propylbenzene	11.305	91	106701	4.432	ug/l	99
75) 2-Chlorotoluene	11.366	91	67852	4.640	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	80589	4.537	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	5810	3.226	ug/l	95
78) 4-Chlorotoluene	11.457	91	74340	4.475	ug/l	94
79) tert-butylbenzene	11.713	119	79867	4.608	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	80395	4.532	ug/l	98
81) sec-Butylbenzene	11.890	105	97281	4.434	ug/l	100
82) p-Isopropyltoluene	12.012	119	83039	4.443	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	47370	4.726	ug/l	99
84) 1,4-Dichlorobenzene	12.042	146	49685	4.945	ug/l	98
85) n-Butylbenzene	12.335	91	65116	4.253	ug/l	99
86) Hexachloroethane	12.542	117	10448	3.587	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	50250	5.172	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	5801	3.909	ug/l	95
89) 1,2,4-Trichlorobenzene	13.591	180	30380	4.788	ug/l	98
90) Hexachlorobutadiene	13.725	225	13614	5.115	ug/l	98
91) Naphthalene	13.780	128	107608	5.039	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	30756	4.837	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

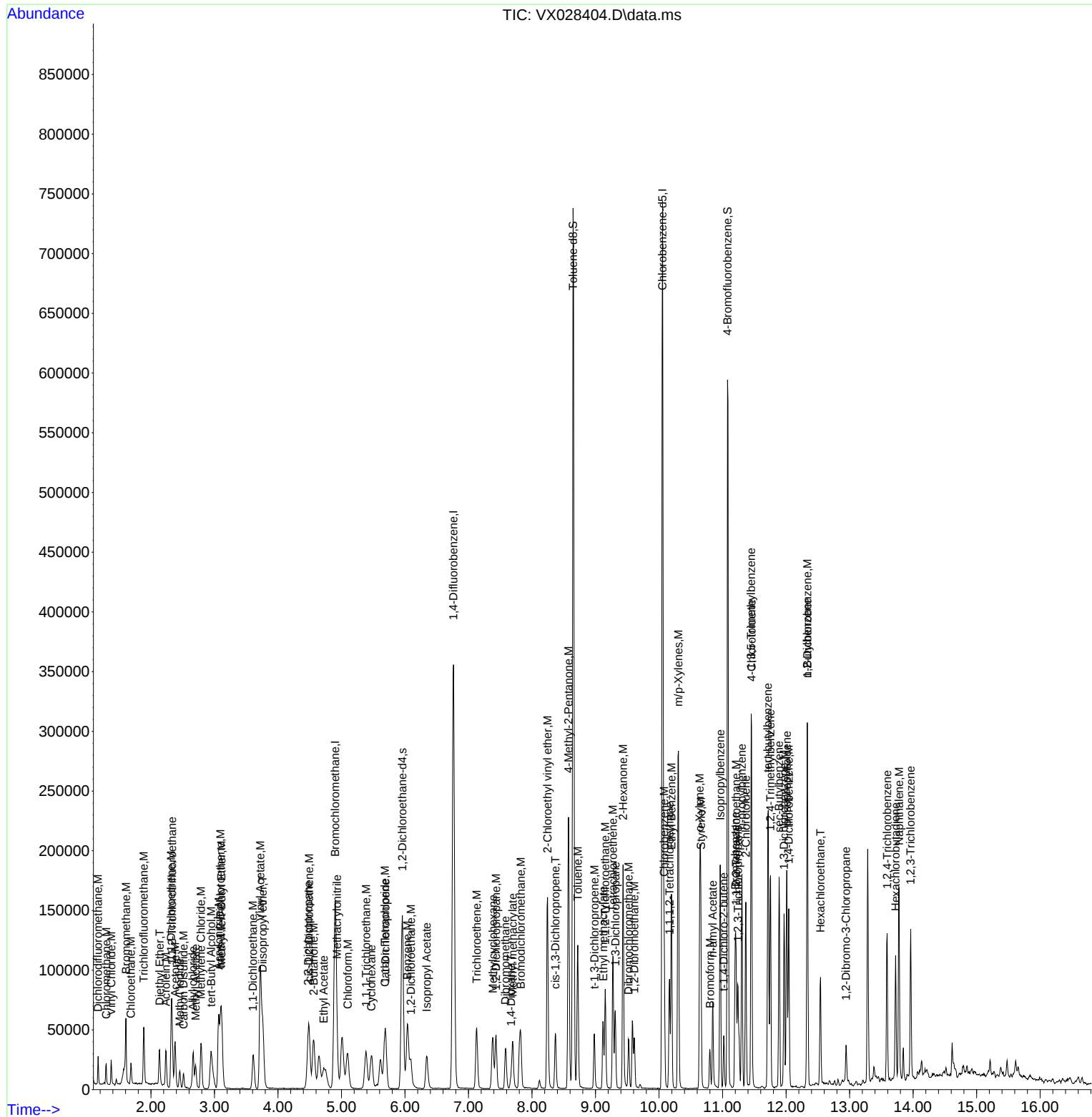
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042822\
Data File : VX028404.D
Acq On : 28 Apr 2022 16:45
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Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

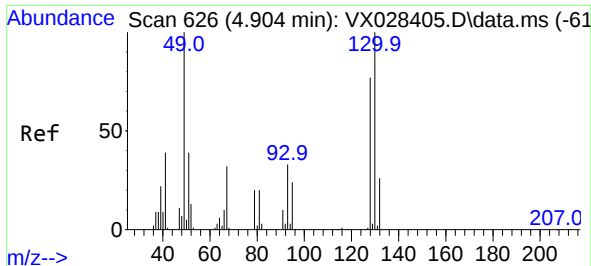
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MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Apr 29 05:40:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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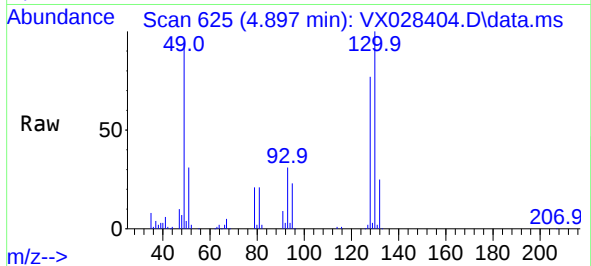
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

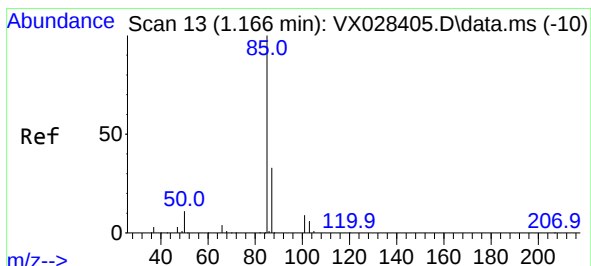
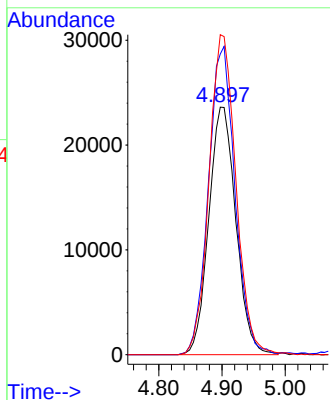
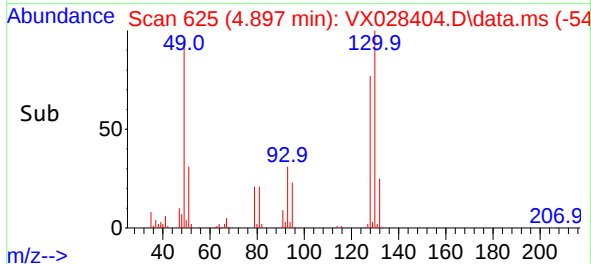
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 70220
Ion Ratio Lower Upper
128 100
49 122.4 0.0 358.3
130 128.2 0.0 319.3

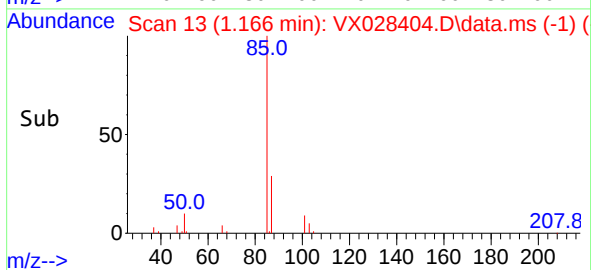
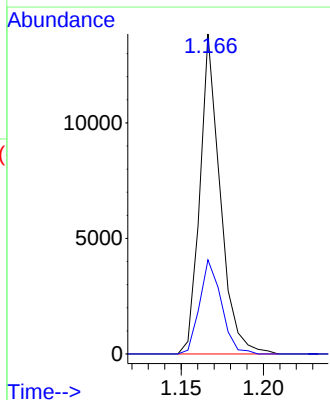
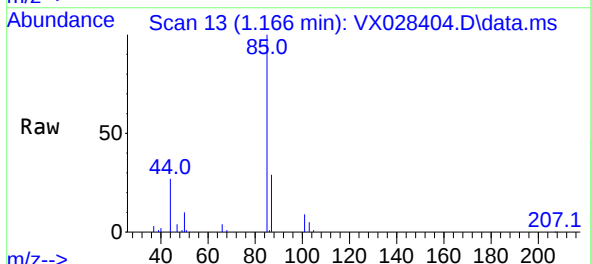
Manual Integrations
APPROVED

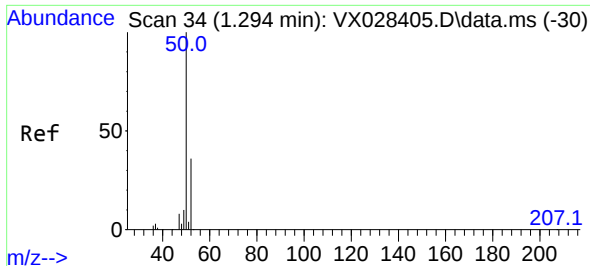
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#2
Dichlorodifluoromethane
Concen: 2.923 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

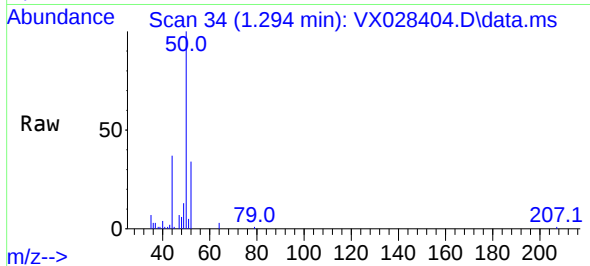
Tgt Ion: 85 Resp: 11891
Ion Ratio Lower Upper
85 100
87 29.4 15.6 46.8





#3
Chloromethane
Concen: 3.024 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

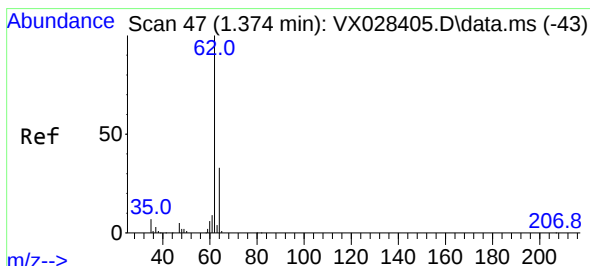
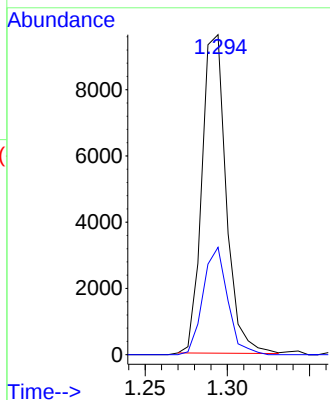
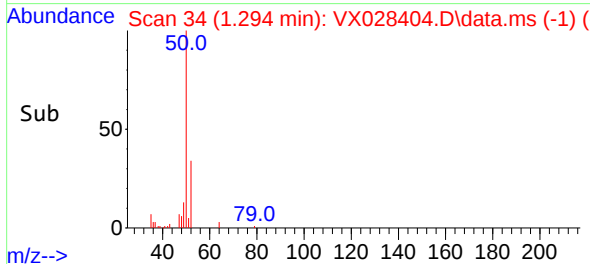
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 986
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4

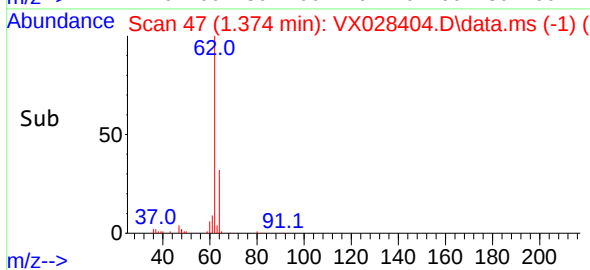
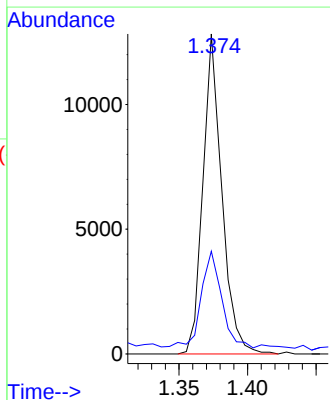
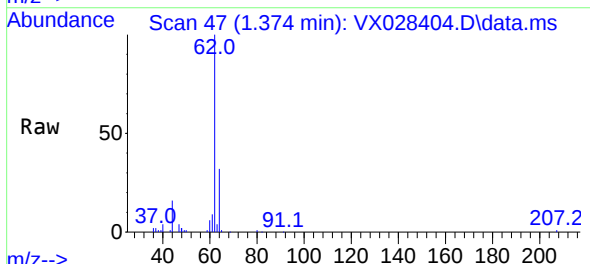
Manual Integrations
APPROVED

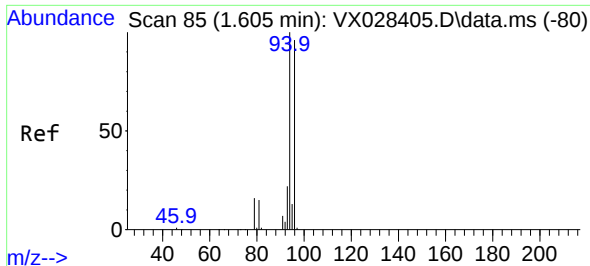
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#4
Vinyl Chloride
Concen: 3.795 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

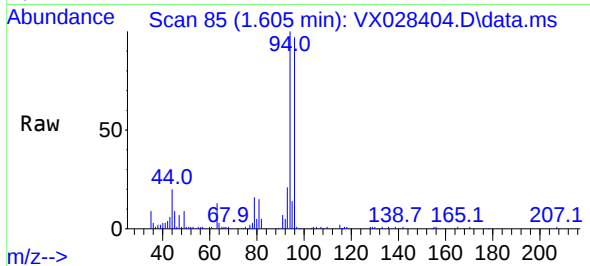
Tgt Ion: 62 Resp: 12347
Ion Ratio Lower Upper
62 100
64 29.7 26.2 39.2





#5
Bromomethane
Concen: 7.313 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

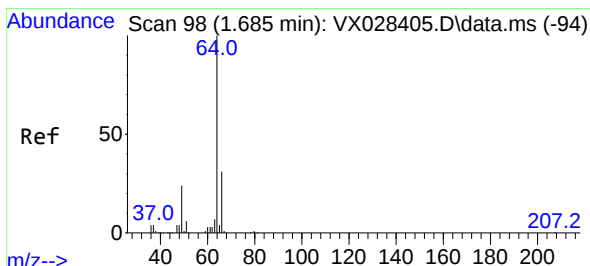
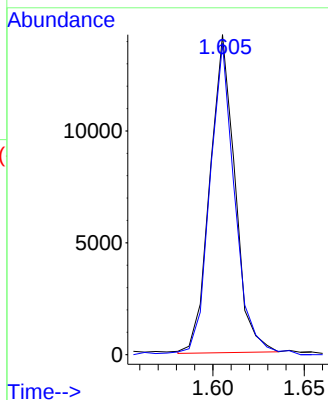
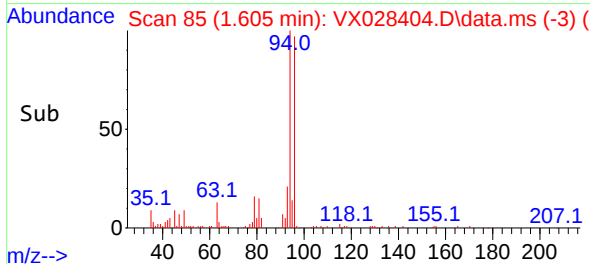
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



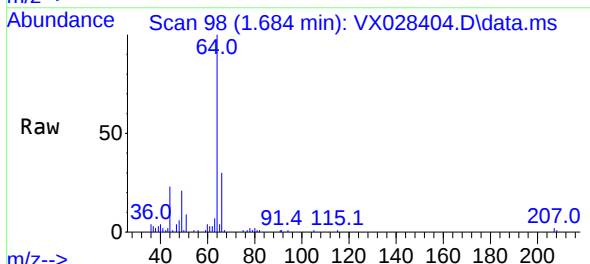
Tgt Ion: 94 Resp: 13539
Ion Ratio Lower Upper
94 100
96 97.3 77.0 115.6

Manual Integrations
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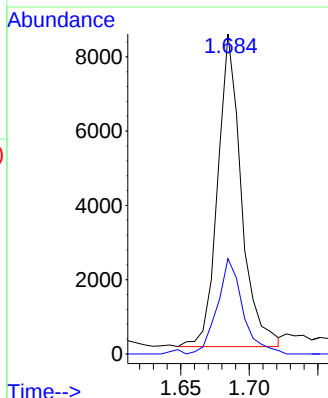
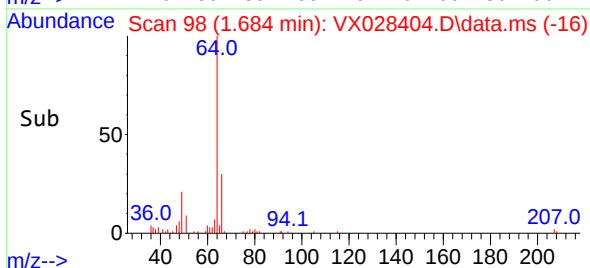
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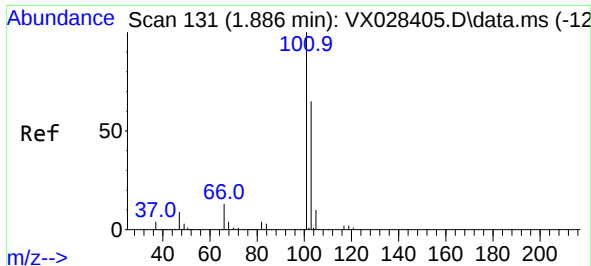


#6
Chloroethane
Concen: 5.010 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



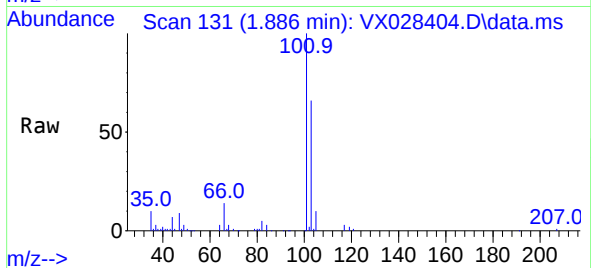
Tgt Ion: 64 Resp: 10085
Ion Ratio Lower Upper
64 100
66 29.4 26.4 39.6





#7
Trichlorofluoromethane
Concen: 4.822 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

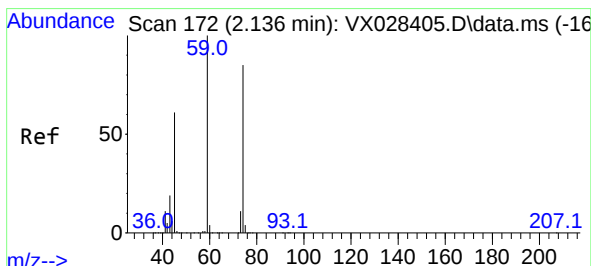
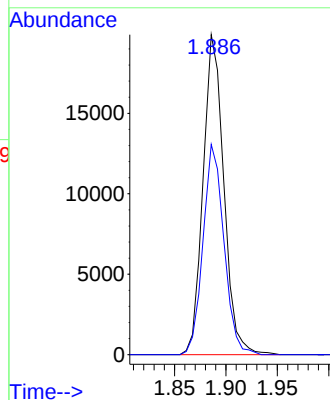
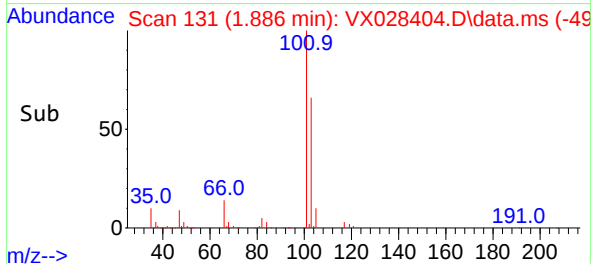
Instrument :
MSVOA_X
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VSTDICC005



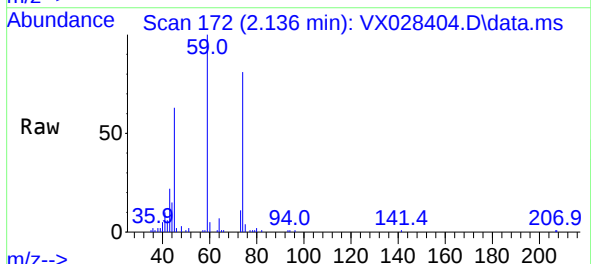
Tgt Ion:101 Resp: 2797
Ion Ratio Lower Upper
101 100
103 65.7 49.6 74.4

Manual Integrations
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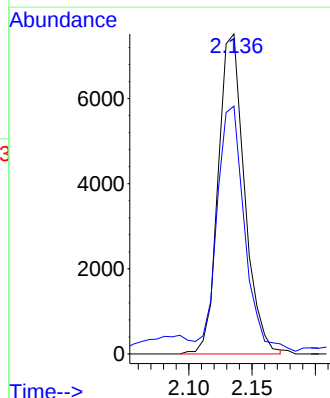
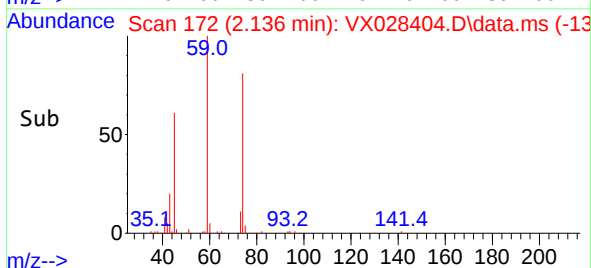
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

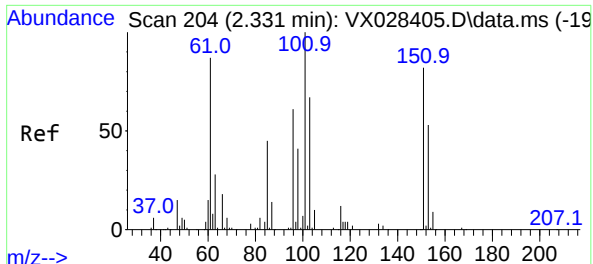


#8
Diethyl Ether
Concen: 5.610 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



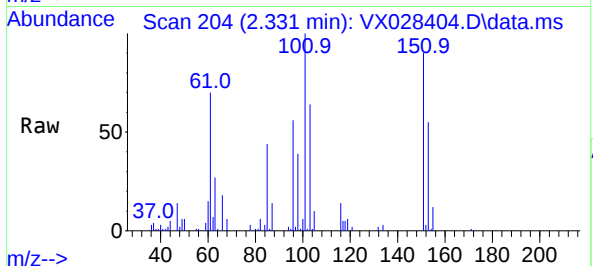
Tgt Ion: 74 Resp: 10861
Ion Ratio Lower Upper
74 100
45 80.0 18.7 168.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.509 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

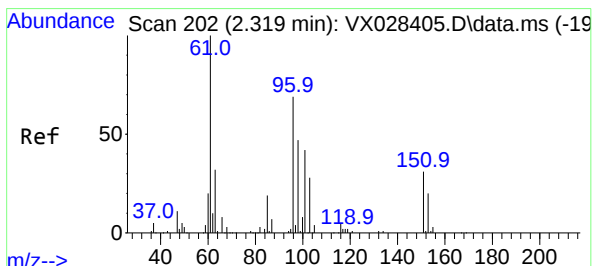
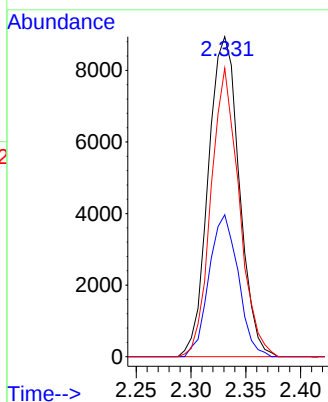
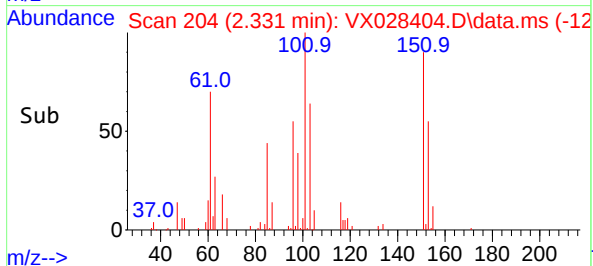
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



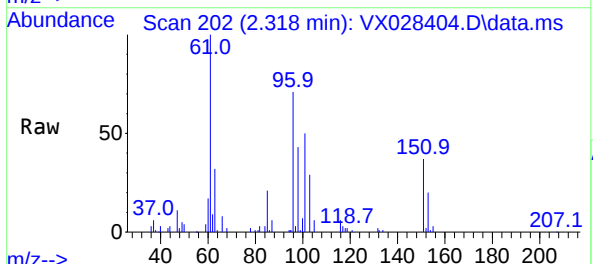
Tgt Ion:101 Resp: 1758
Ion Ratio Lower Upper
101 100
85 41.8 0.0 84.6
151 82.1 0.0 165.4

Manual Integrations
APPROVED

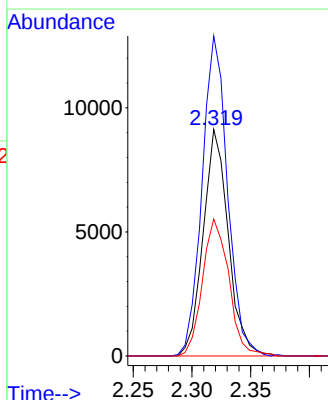
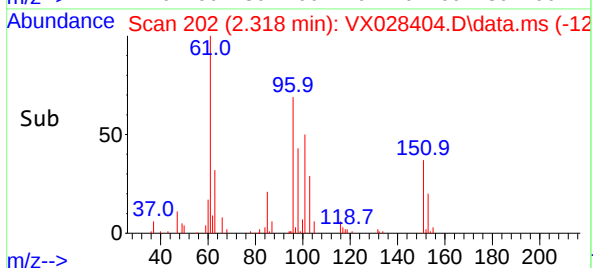
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

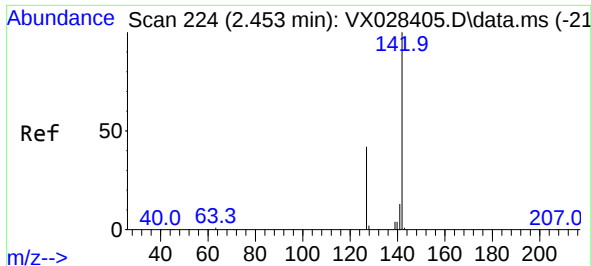


#10
1,1-Dichloroethene
Concen: 3.665 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



Tgt Ion: 96 Resp: 13633
Ion Ratio Lower Upper
96 100
61 140.7 122.6 183.8
98 60.4 50.1 75.1





#11
Methyl Iodide
Concen: 3.182 ug/l
RT: 2.453 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

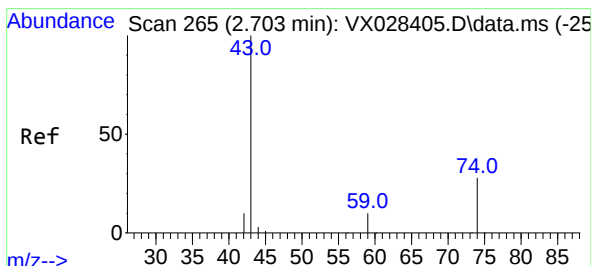
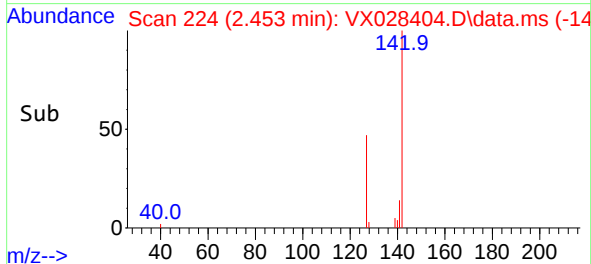
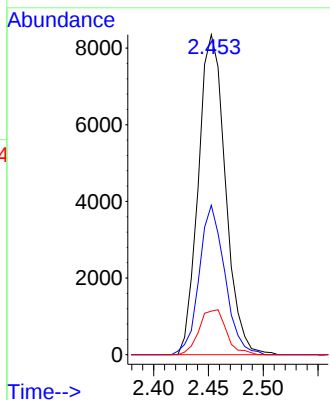
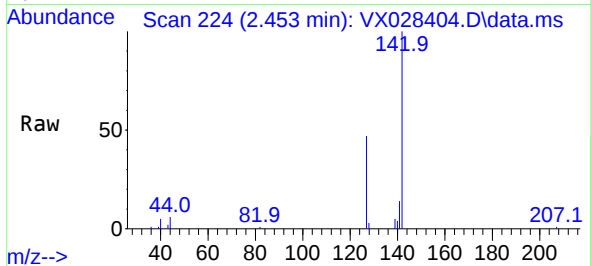
VSTDIC005

Tgt Ion:142 Resp: 14348
Ion Ratio Lower Upper
142 100
127 46.1 22.3 66.9
141 13.6 7.0 20.9

Manual Integrations

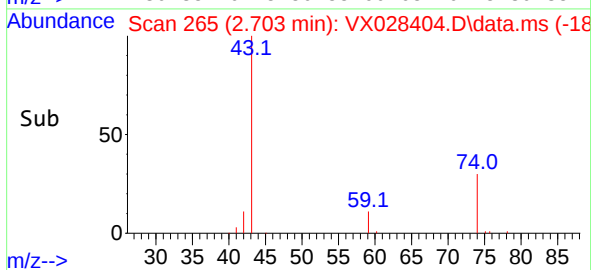
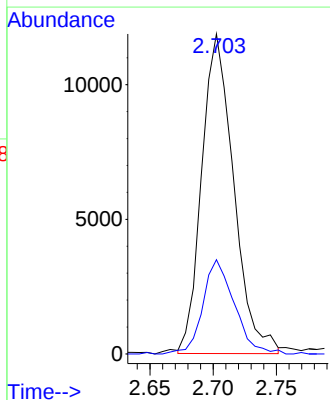
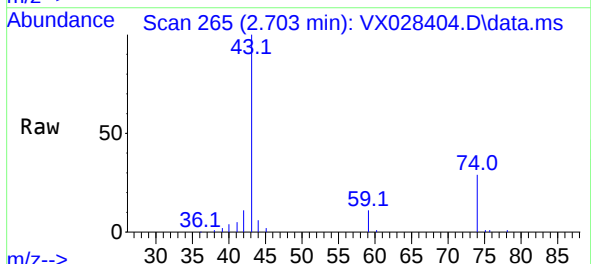
APPROVED

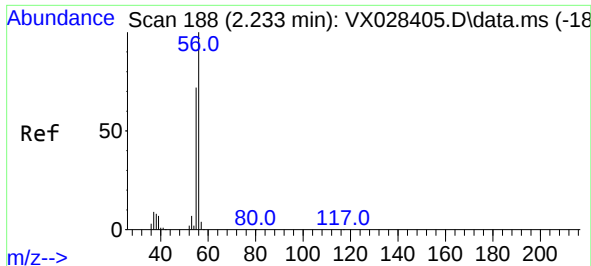
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#12
Methyl Acetate
Concen: 4.155 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

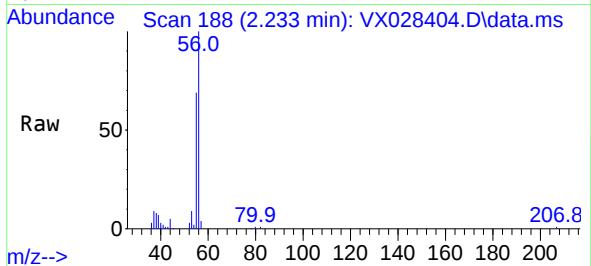
Tgt Ion: 43 Resp: 20894
Ion Ratio Lower Upper
43 100
74 28.7 22.1 33.1





#13
Acrolein
Concen: 26.202 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

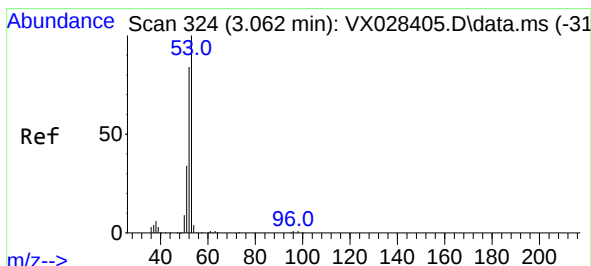
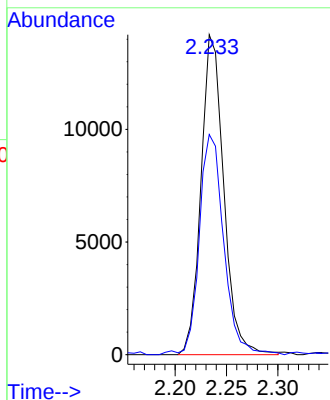
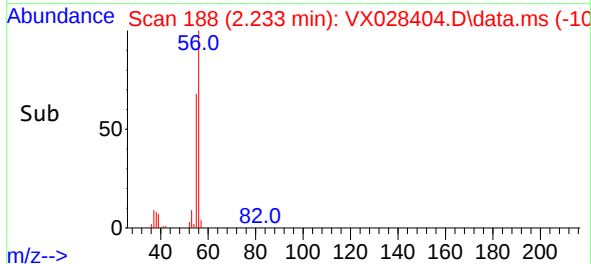
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 21894
Ion Ratio Lower Upper
56 100
55 73.3 56.4 84.6

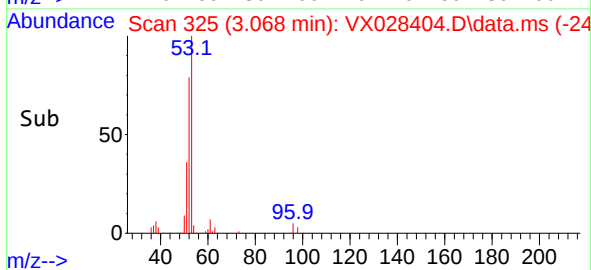
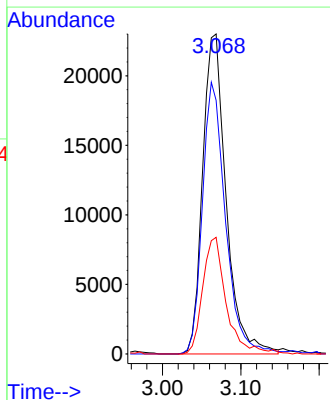
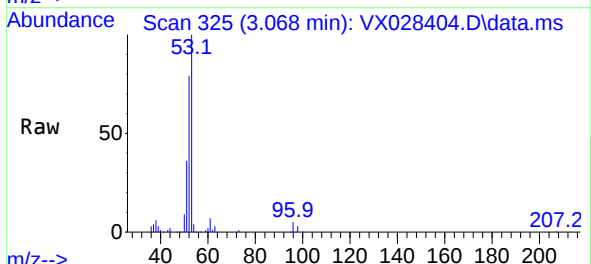
Manual Integrations
APPROVED

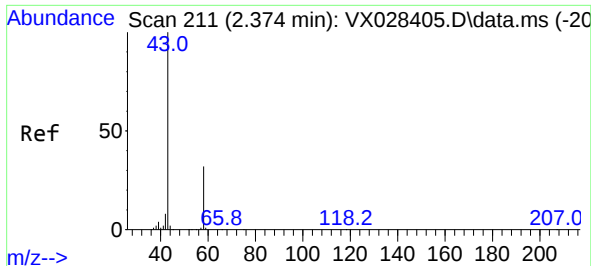
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#14
Acrylonitrile
Concen: 21.072 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

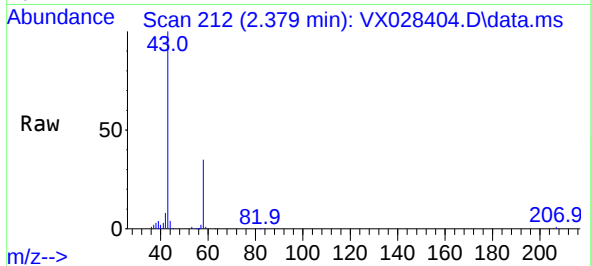
Tgt Ion: 53 Resp: 47893
Ion Ratio Lower Upper
53 100
52 83.6 41.5 124.5
51 35.0 18.1 54.4





#15
Acetone
Concen: 22.171 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

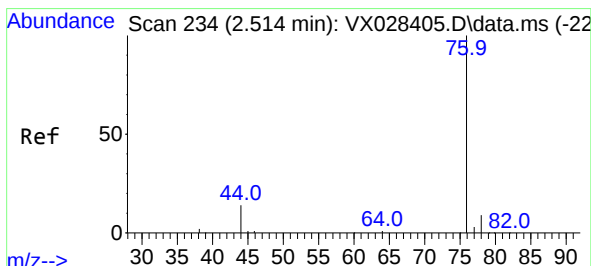
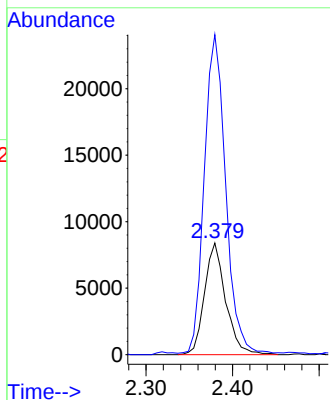
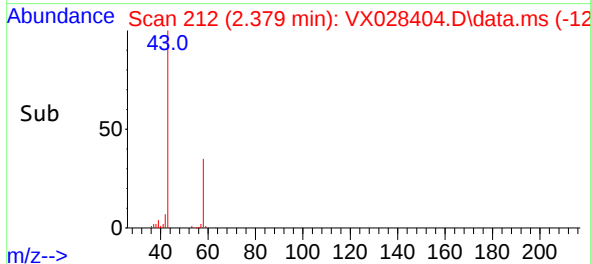
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 58 Resp: 14274
Ion Ratio Lower Upper
58 100
43 285.1 250.2 375.2

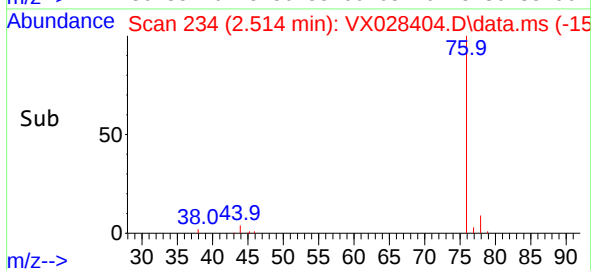
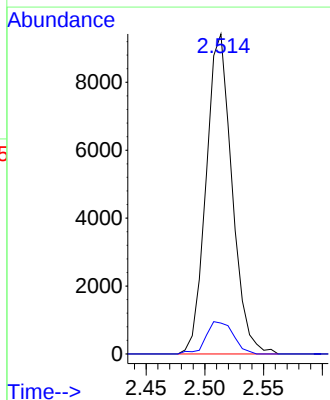
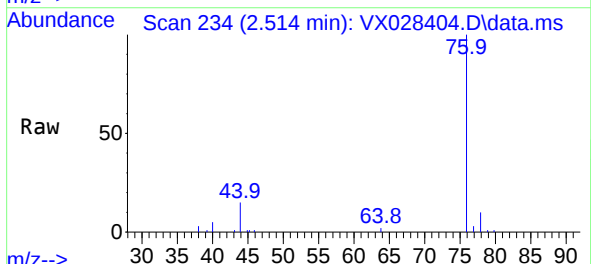
Manual Integrations
APPROVED

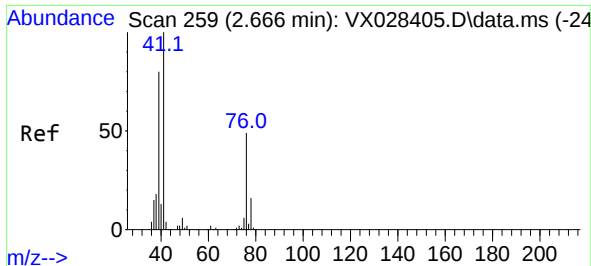
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#16
Carbon Disulfide
Concen: 1.581 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion: 76 Resp: 14436
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7





#17
 Allyl chloride
 Concen: 3.129 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX028404.D
 Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

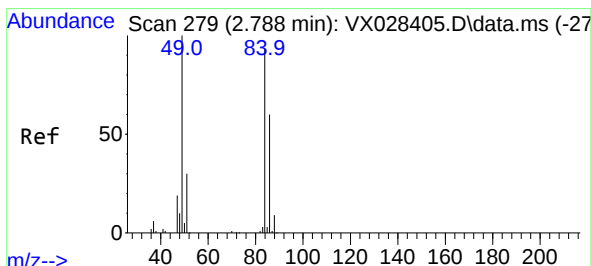
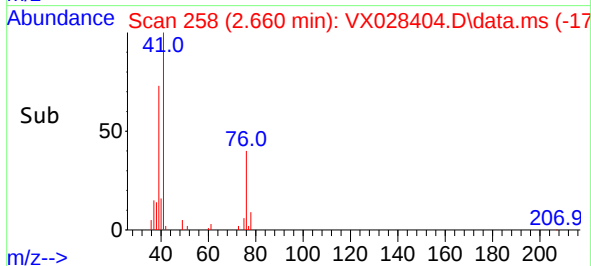
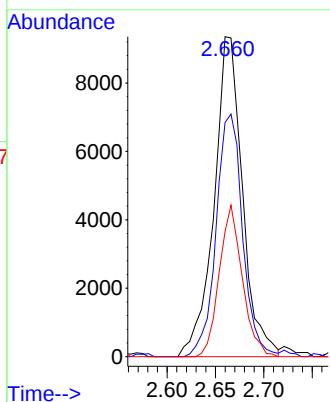
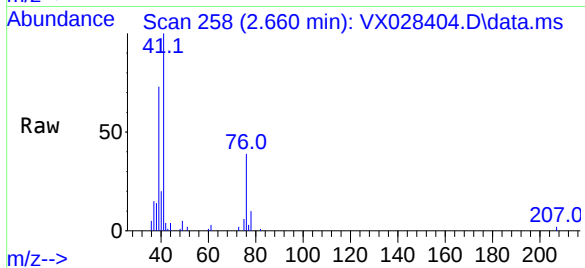
Tgt Ion: 41 Resp: 19090
 Ion Ratio Lower Upper
 41 100
 39 73.2 35.4 106.1
 76 39.2 18.4 55.4

Manual Integrations

APPROVED

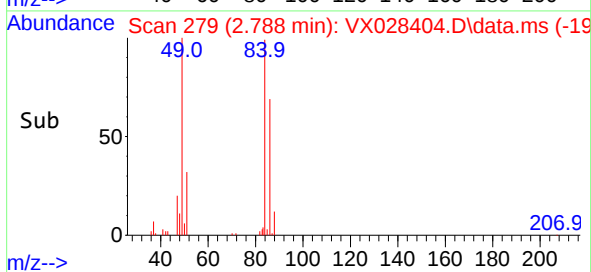
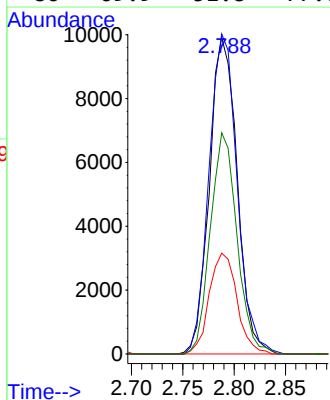
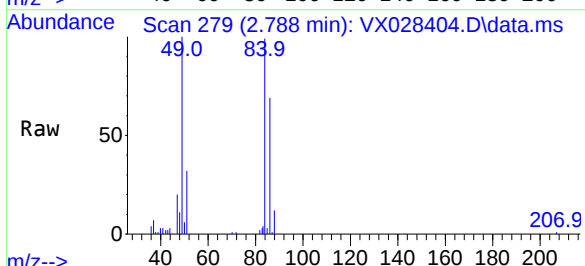
Reviewed By :John Carlone 04/29/2022

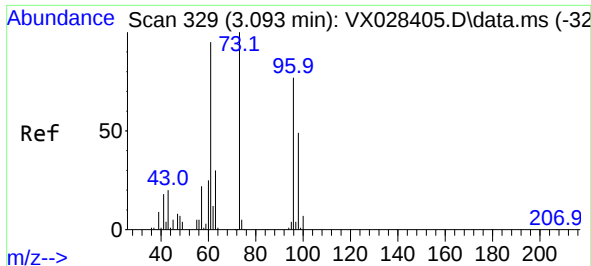
Supervised By :Mahesh Dadoda 04/29/2022



#18
 Methylene Chloride
 Concen: 4.348 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX028404.D
 Acq: 28 Apr 2022 16:45

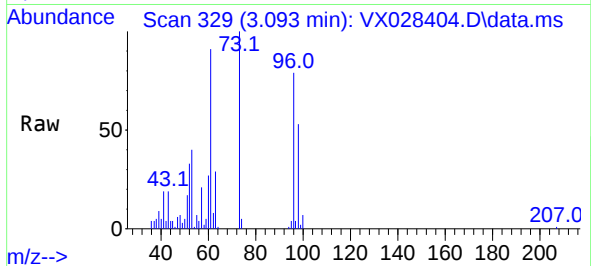
Tgt Ion: 84 Resp: 18614
 Ion Ratio Lower Upper
 84 100
 49 101.1 94.2 141.2
 51 31.9 29.2 43.8
 86 69.9 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 3.682 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

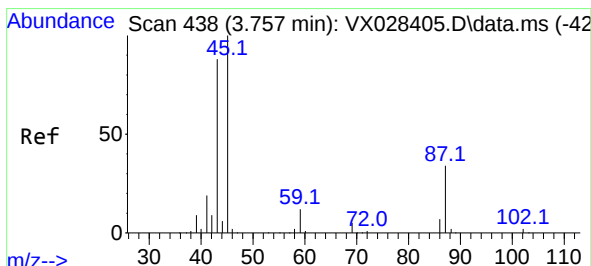
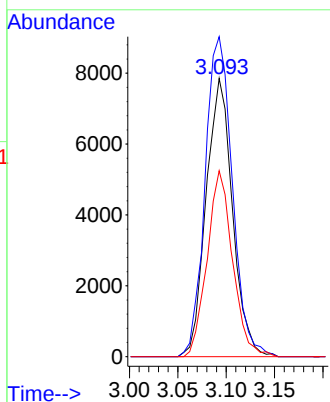
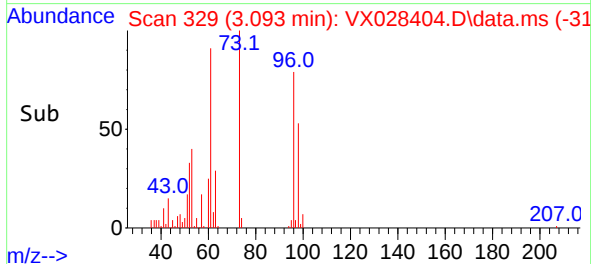
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 1490
Ion Ratio Lower Upper
96 100
61 115.0 108.7 163.1
98 66.8 49.2 73.8

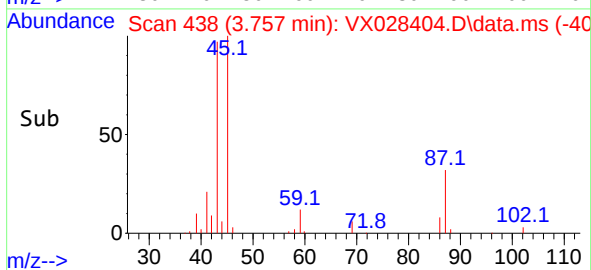
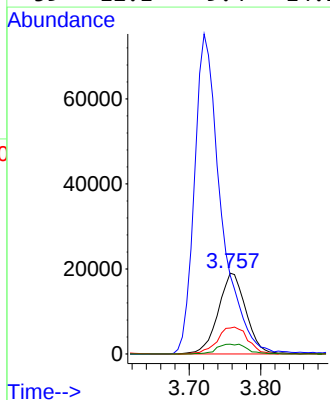
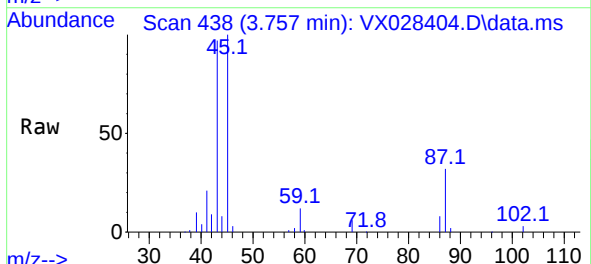
Manual Integrations
APPROVED

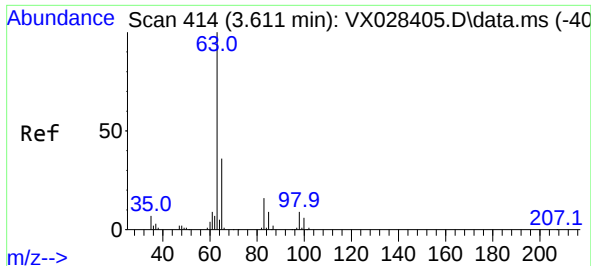
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#20
Diisopropyl ether
Concen: 4.171 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion: 45 Resp: 50872
Ion Ratio Lower Upper
45 100
43 93.6 70.3 105.5
87 32.0 24.5 36.7
59 12.1 9.4 14.2





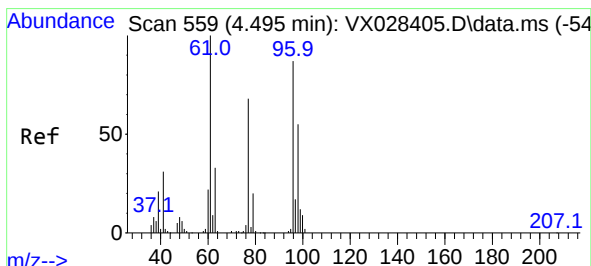
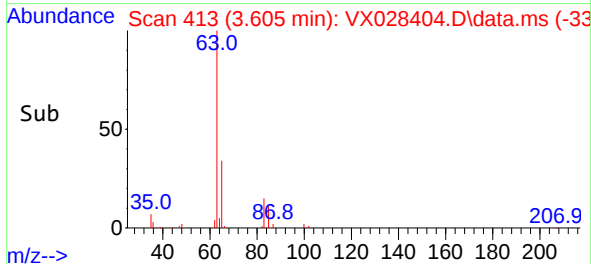
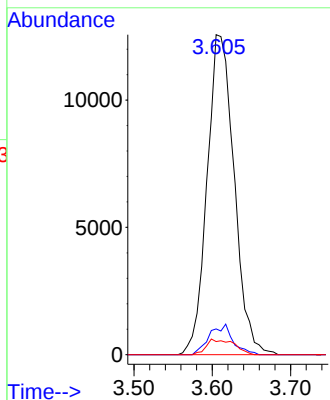
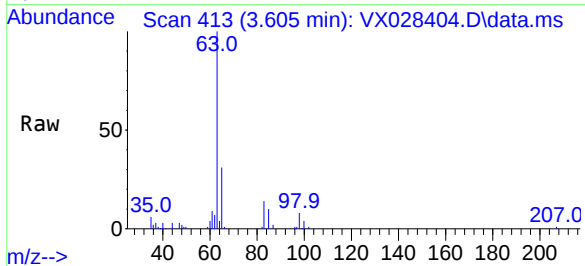
#21
1,1-Dichloroethane
Concen: 4.230 ug/l
RT: 3.605 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 3020
Ion Ratio Lower Upper
63 100
98 8.1 3.8 11.2
100 4.1 2.5 7.5

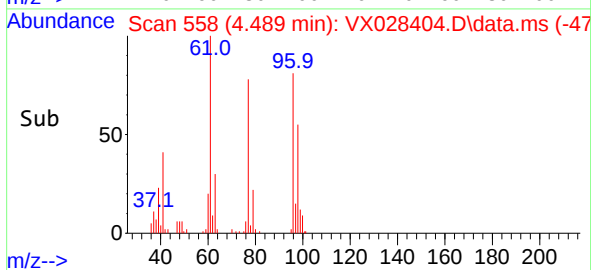
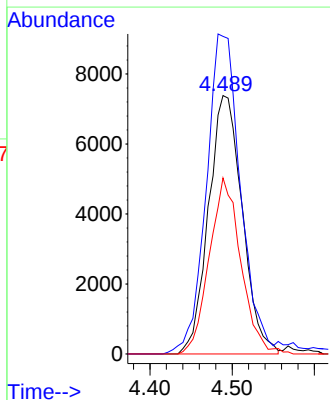
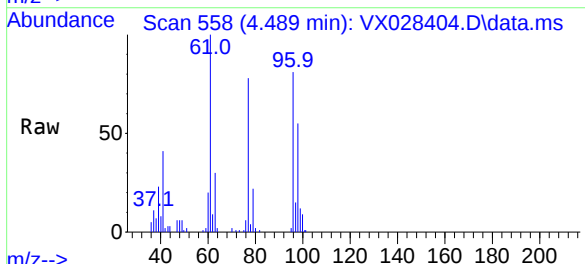
Manual Integrations
APPROVED

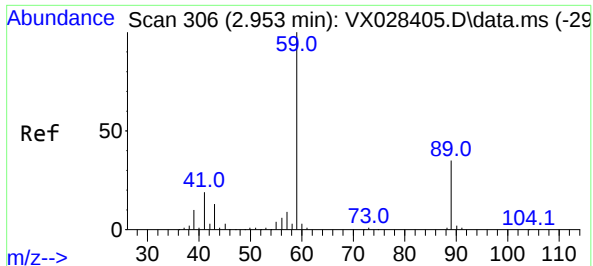
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#22
cis-1,2-Dichloroethene
Concen: 4.401 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion: 96 Resp: 21089
Ion Ratio Lower Upper
96 100
61 124.9 107.4 161.2
98 62.9 51.1 76.7





#23
tert-Butyl Alcohol
Concen: 35.241 ug/l
RT: 2.946 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

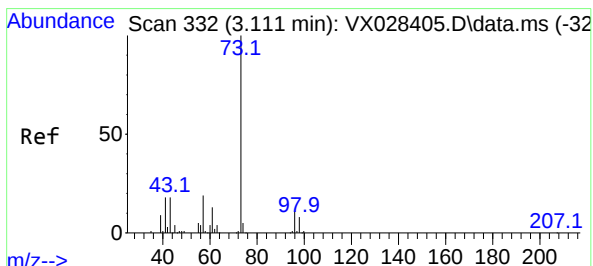
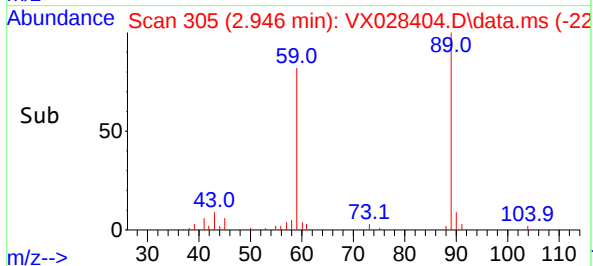
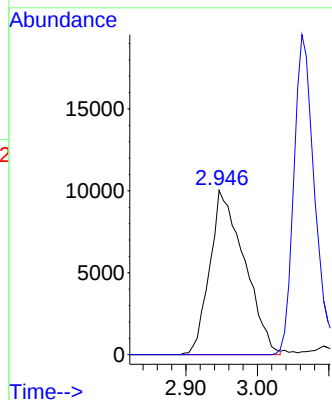
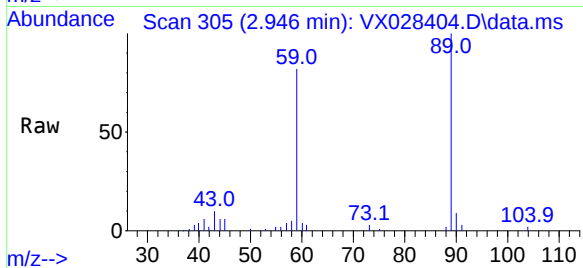
VSTDIC005

Tgt Ion: 59 Resp: 3384
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations

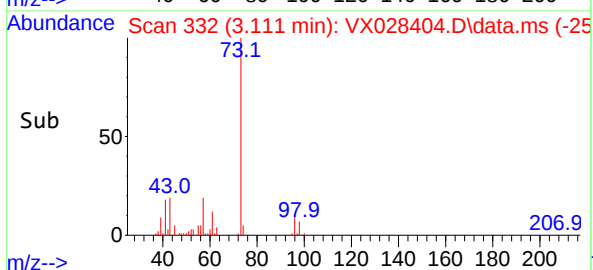
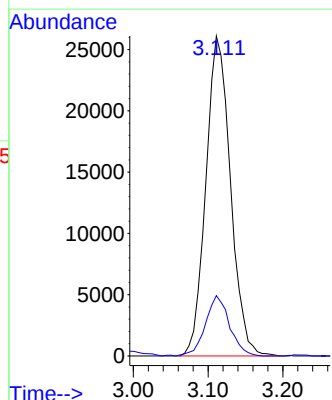
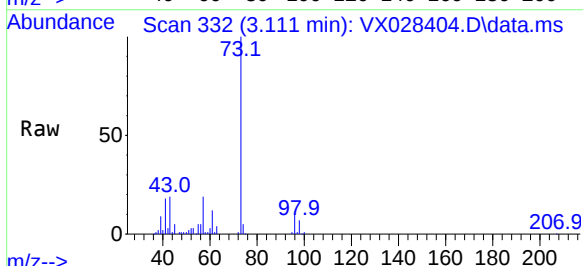
APPROVED

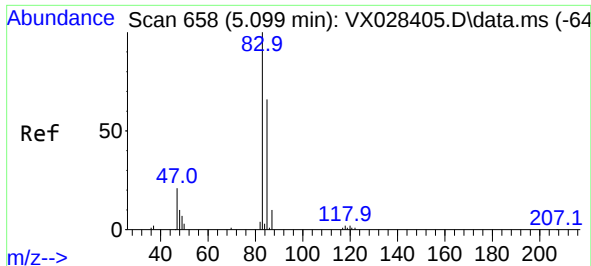
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#24
Methyl tert-Butyl Ether
Concen: 4.617 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion: 73 Resp: 59742
Ion Ratio Lower Upper
73 100
43 18.4 16.0 24.0





#25

Chloroform

Concen: 4.548 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX028404.D

Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 3517

Ion Ratio Lower Upper

83 100

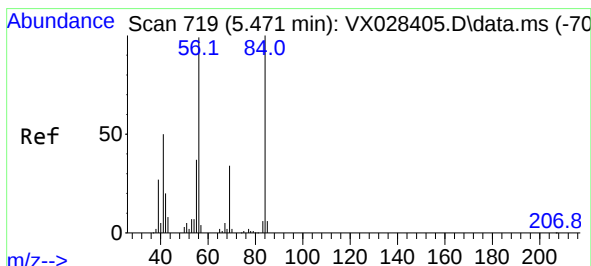
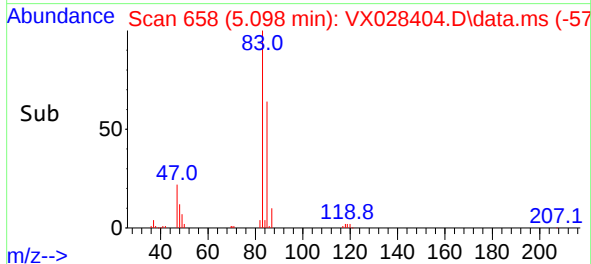
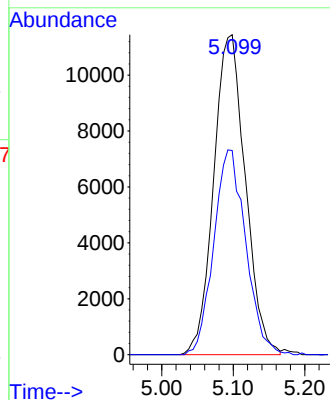
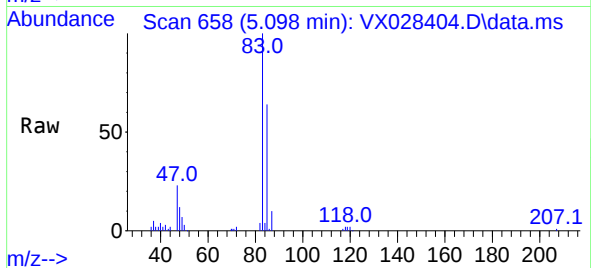
85 63.8 49.9 74.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#26

Cyclohexane

Concen: 3.025 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX028404.D

Acq: 28 Apr 2022 16:45

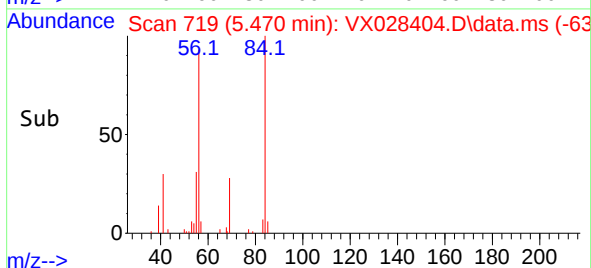
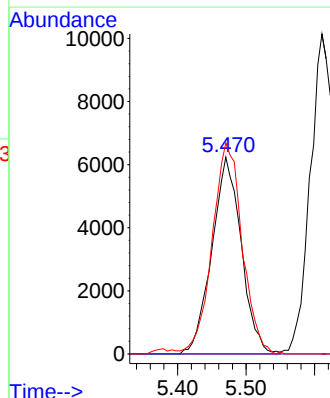
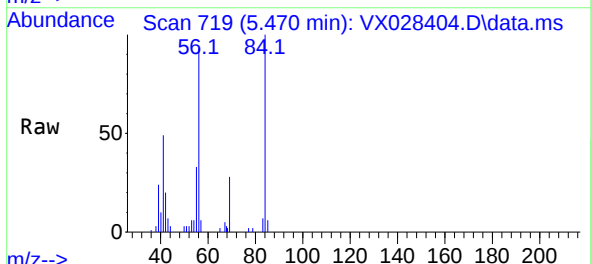
Tgt Ion: 56 Resp: 18596

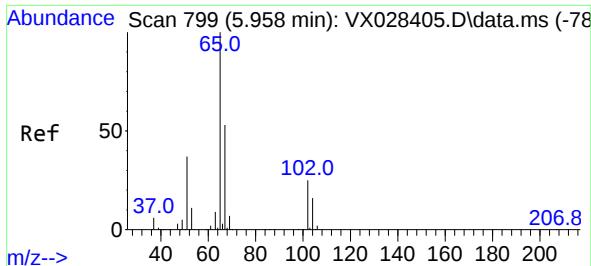
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 109.0 76.2 114.2





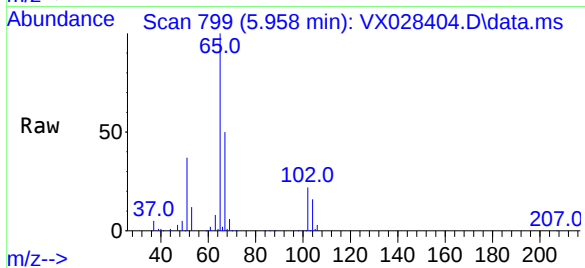
#27
1,2-Dichloroethane-d4
Concen: 28.113 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



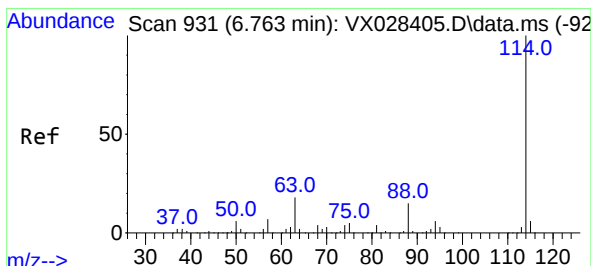
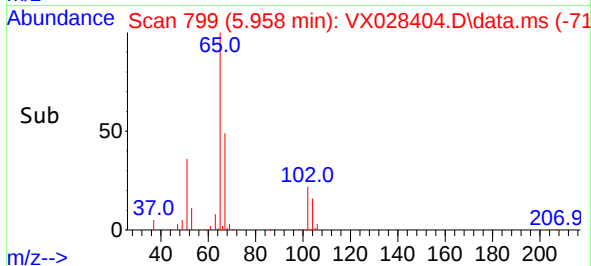
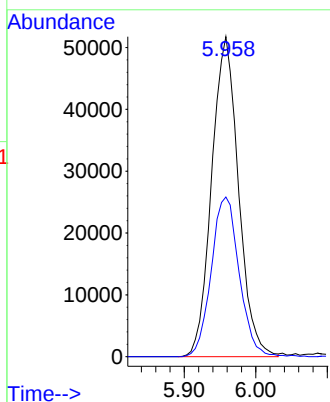
Tgt Ion: 65 Resp: 13478
Ion Ratio Lower Upper
65 100
67 51.9 42.3 63.5

Manual Integrations

APPROVED

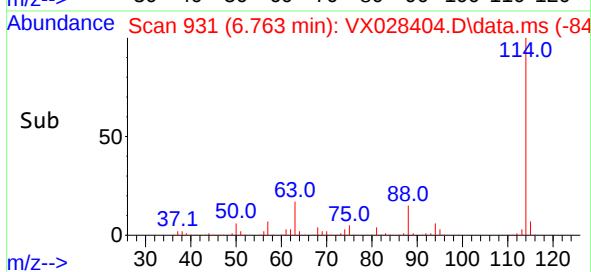
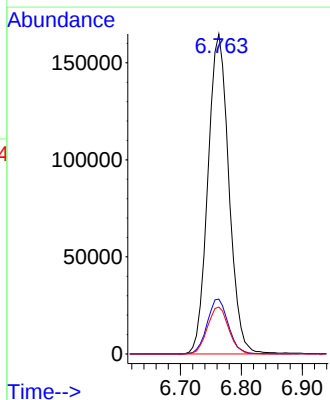
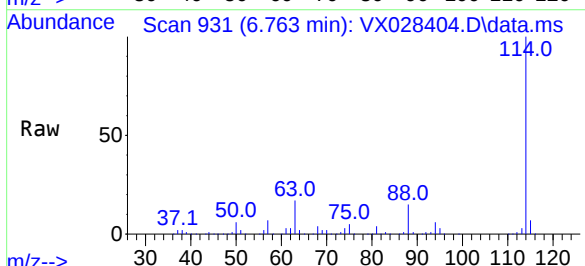
Reviewed By :John Carlone 04/29/2022

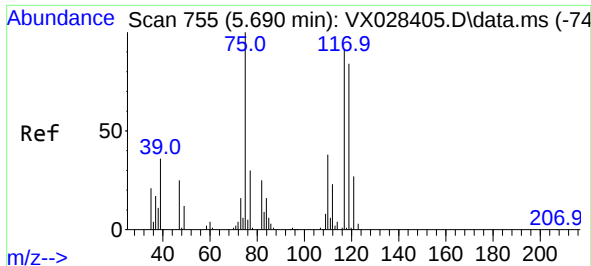
Supervised By :Mahesh Dadoda 04/29/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion:114 Resp: 394447
Ion Ratio Lower Upper
114 100
63 17.3 15.3 22.9
88 14.9 12.2 18.4





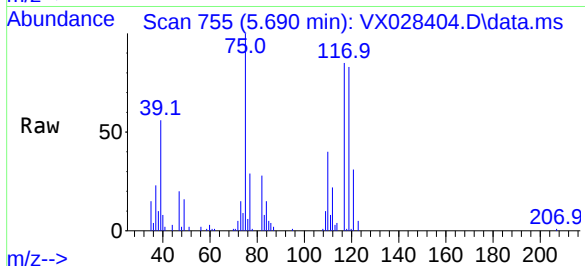
#29
1,1-Dichloropropene
Concen: 3.716 ug/l
RT: 5.690 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



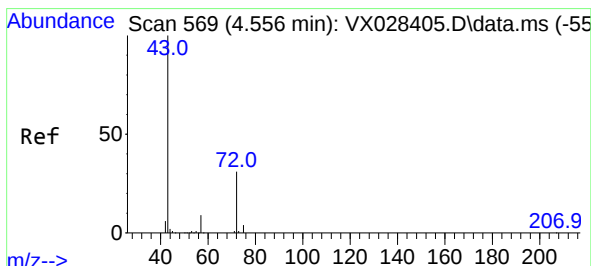
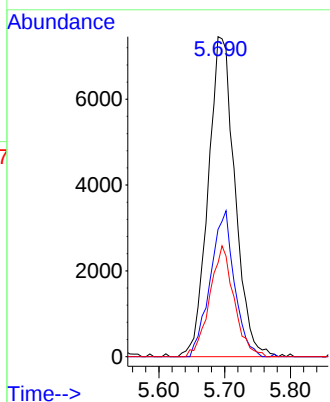
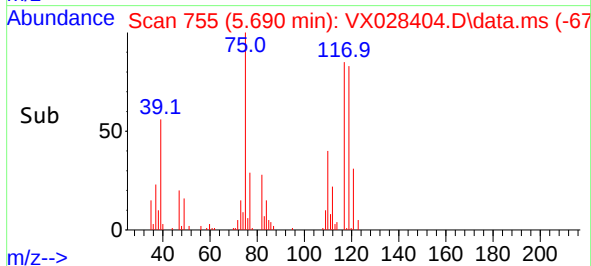
Tgt Ion: 75 Resp: 2104
Ion Ratio Lower Upper
75 100
110 41.0 0.0 73.6
77 31.6 0.0 62.2

Manual Integrations

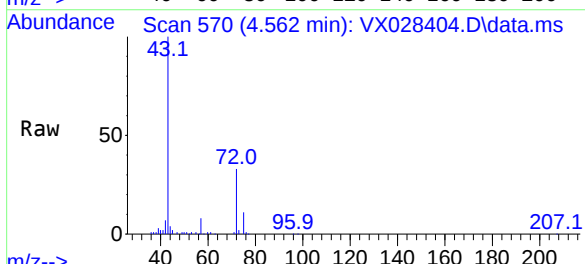
APPROVED

Reviewed By :John Carlone 04/29/2022

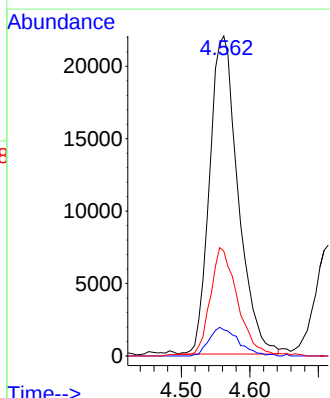
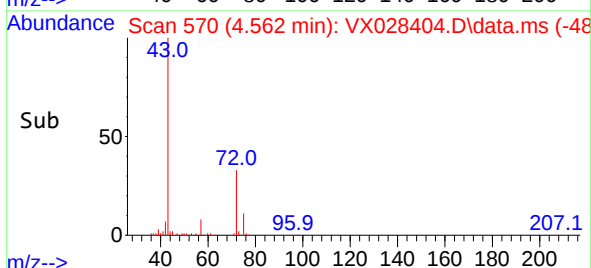
Supervised By :Mahesh Dadoda 04/29/2022

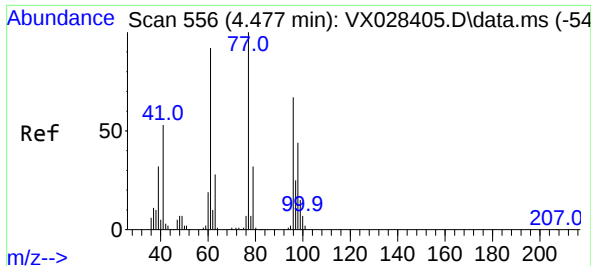


#30
2-Butanone
Concen: 19.548 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



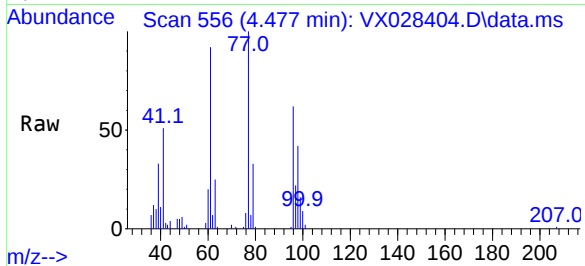
Tgt Ion: 43 Resp: 63498
Ion Ratio Lower Upper
43 100
57 9.1 6.6 10.0
72 32.4 22.1 33.1





#31
2,2-Dichloropropane
Concen: 4.261 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

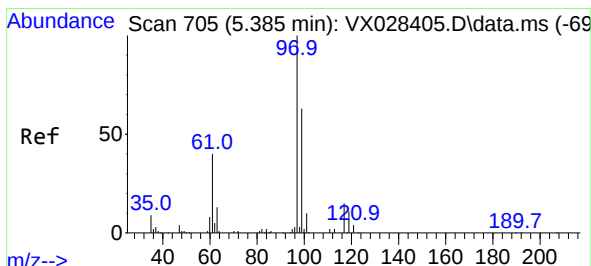
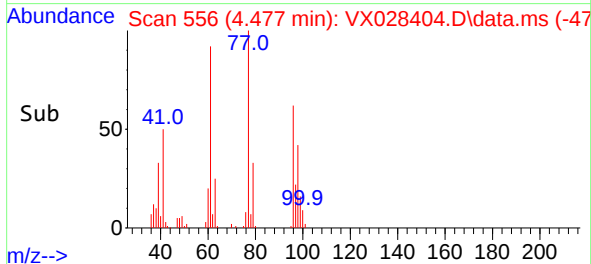
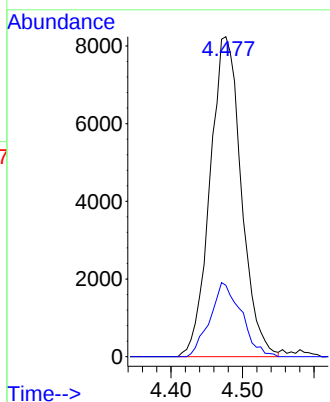
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 77 Resp: 25040
Ion Ratio Lower Upper
77 100
97 23.1 18.4 27.6

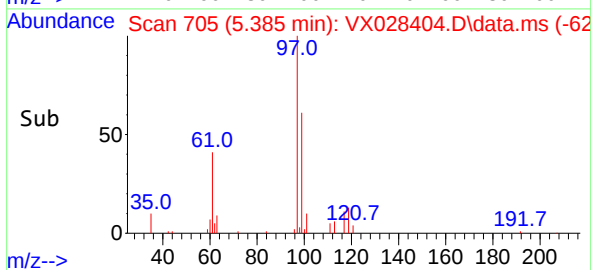
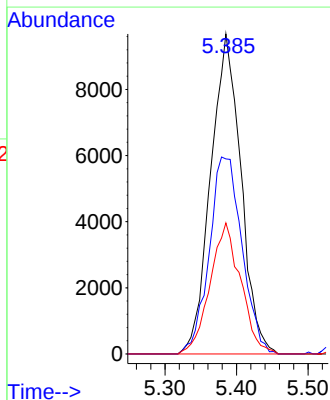
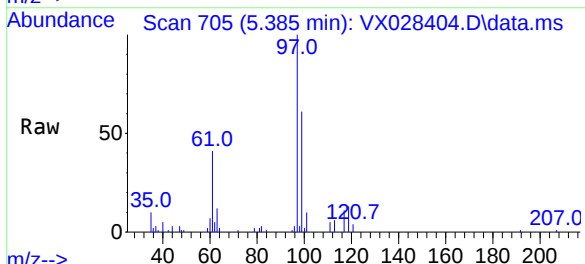
Manual Integrations
APPROVED

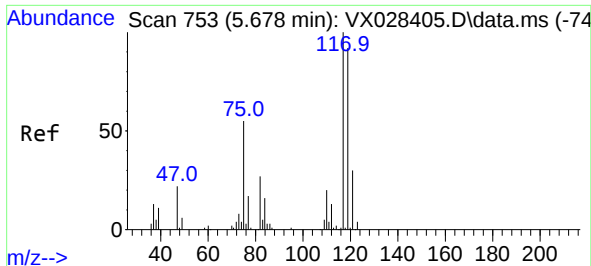
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#32
1,1,1-Trichloroethane
Concen: 4.050 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

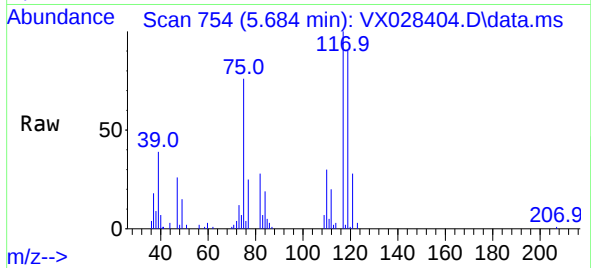
Tgt Ion: 97 Resp: 28418
Ion Ratio Lower Upper
97 100
99 66.7 51.8 77.8
61 41.5 33.4 50.0





#33
Carbon Tetrachloride
Concen: 3.644 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

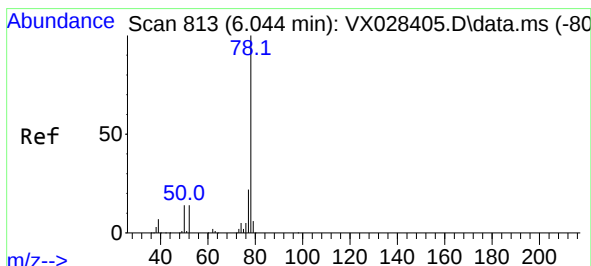
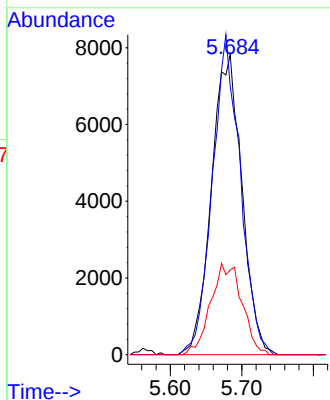
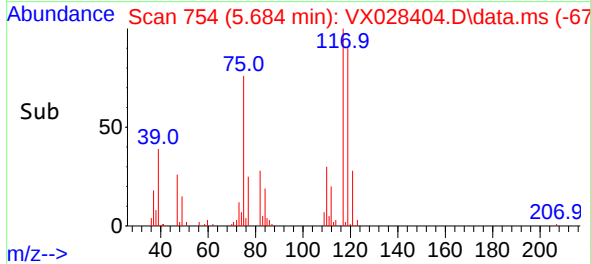
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 117 Resp: 2311
Ion Ratio Lower Upper
117 100
119 89.5 75.3 112.9
121 28.2 24.1 36.1

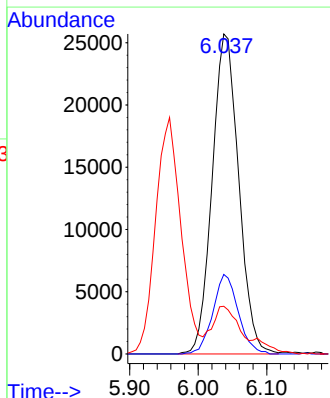
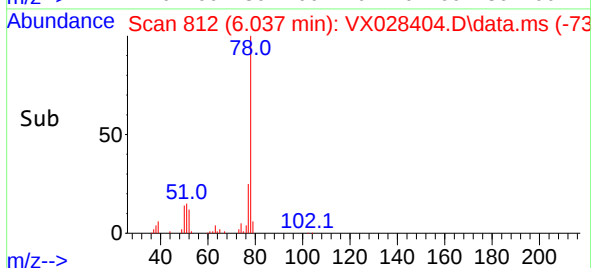
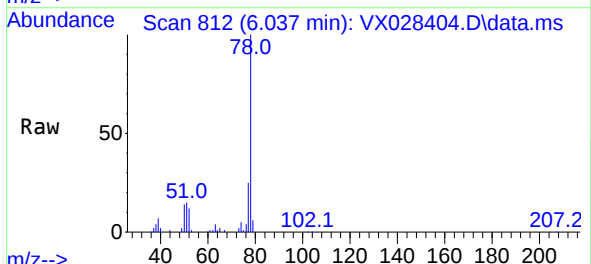
Manual Integrations
APPROVED

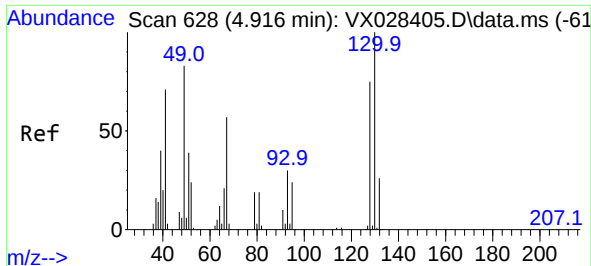
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#34
Benzene
Concen: 4.135 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion: 78 Resp: 69036
Ion Ratio Lower Upper
78 100
77 24.9 18.5 27.7
51 13.8 12.9 19.3





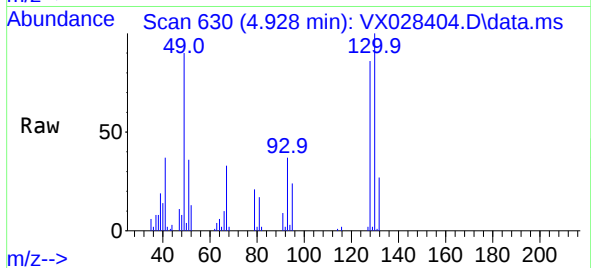
#35
Methacrylonitrile
Concen: 3.744 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005



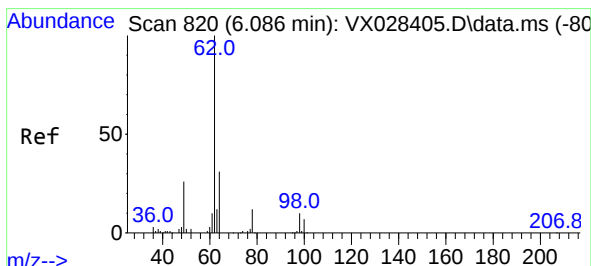
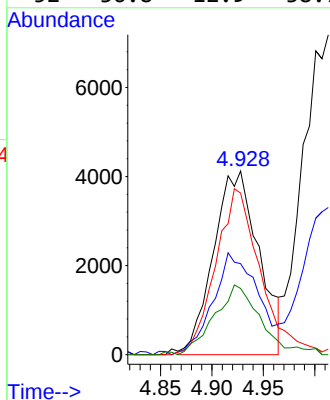
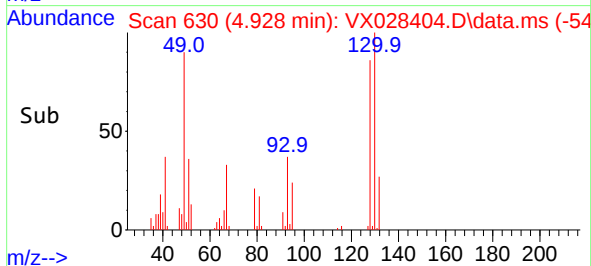
Tgt Ion: 41 Resp: 12652
Ion Ratio Lower Upper
41 100
39 49.1 27.0 81.0
67 88.2 33.3 99.8
52 36.8 12.9 38.7

Manual Integrations

APPROVED

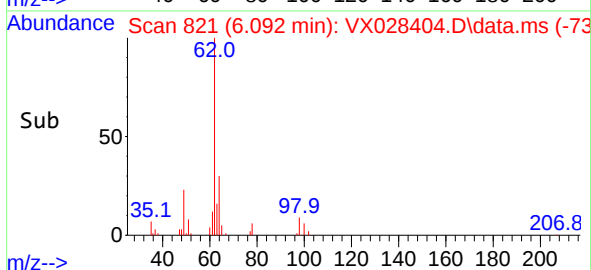
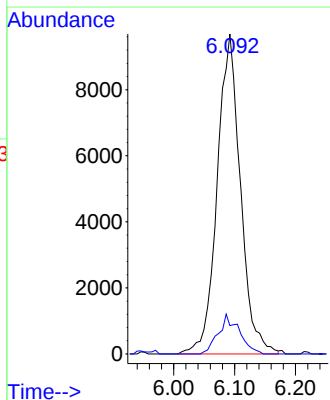
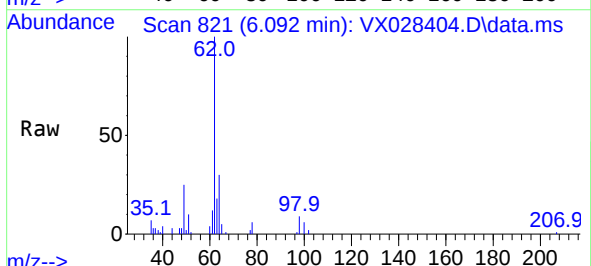
Reviewed By :John Carlone 04/29/2022

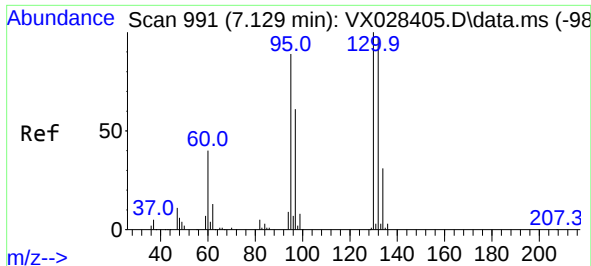
Supervised By :Mahesh Dadoda 04/29/2022



#36
1,2-Dichloroethane
Concen: 4.213 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

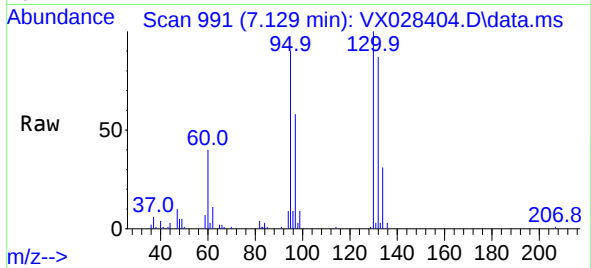
Tgt Ion: 62 Resp: 25738
Ion Ratio Lower Upper
62 100
98 6.4 7.4 11.0#





#37
Trichloroethene
Concen: 4.076 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

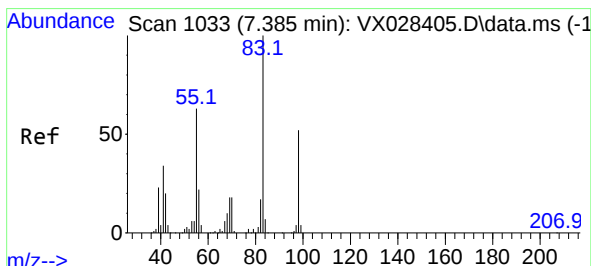
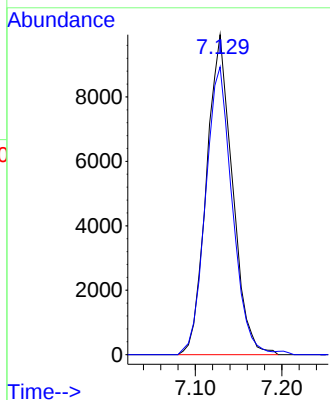
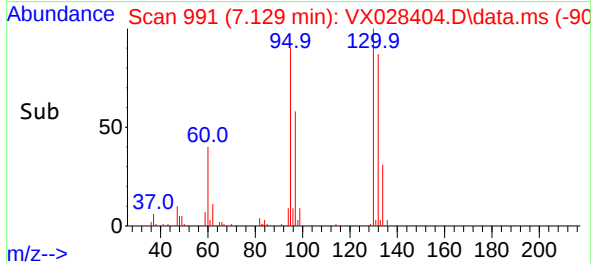
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



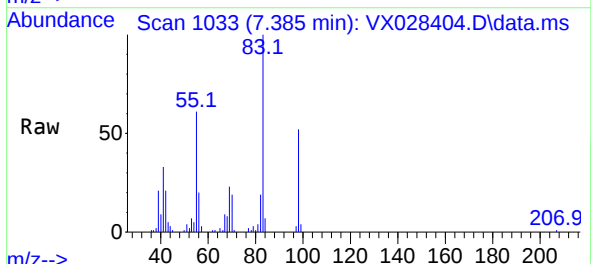
Tgt Ion:130 Resp: 2069
Ion Ratio Lower Upper
130 100
95 89.9 76.5 114.7

Manual Integrations
APPROVED

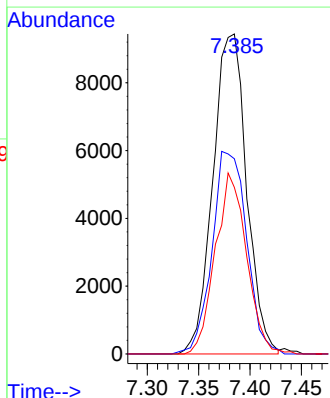
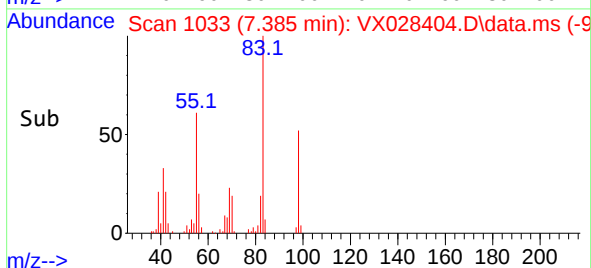
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

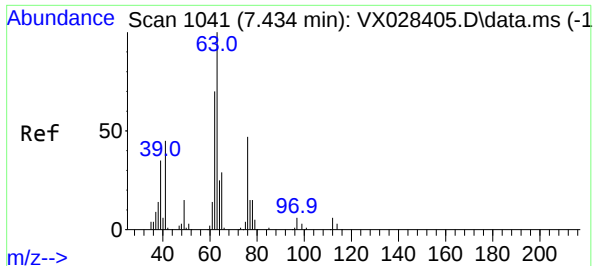


#38
Methylcyclohexane
Concen: 3.146 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



Tgt Ion: 83 Resp: 21539
Ion Ratio Lower Upper
83 100
55 64.8 37.0 110.9
98 52.6 25.9 77.8





#39

1,2-Dichloropropane

Concen: 4.249 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX028404.D

Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1766

Ion Ratio Lower Upper

63 100

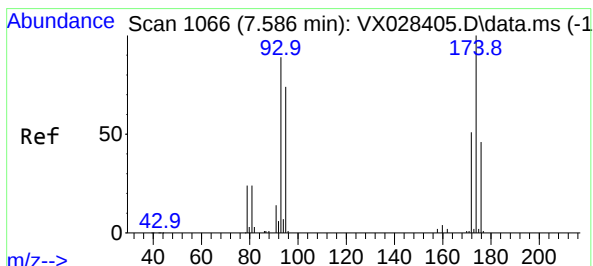
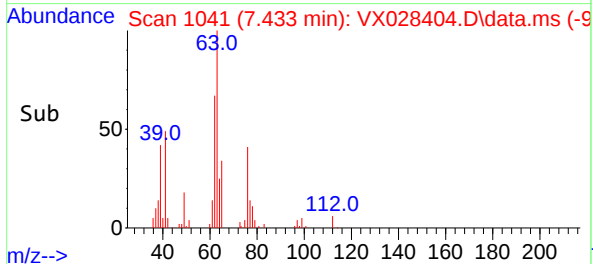
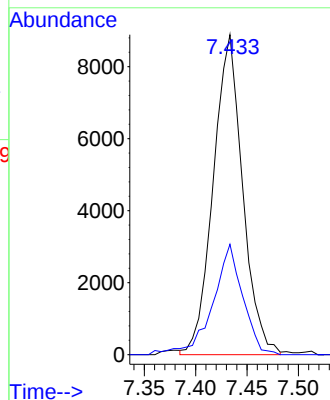
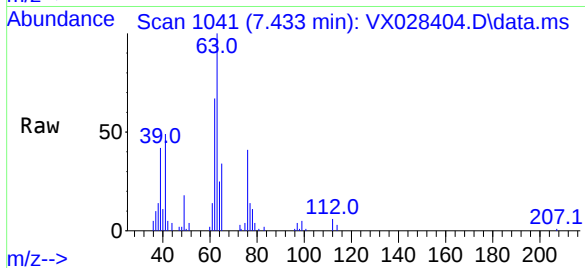
65 34.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#40

Dibromomethane

Concen: 4.207 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX028404.D

Acq: 28 Apr 2022 16:45

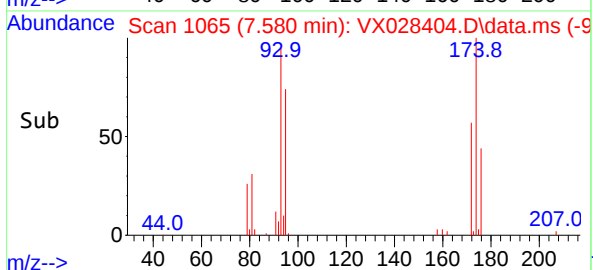
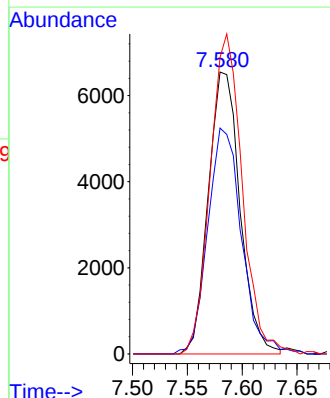
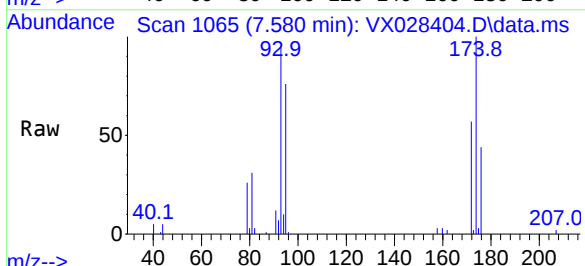
Tgt Ion: 93 Resp: 13188

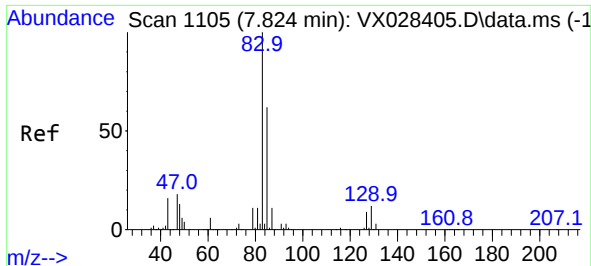
Ion Ratio Lower Upper

93 100

95 85.3 0.0 168.8

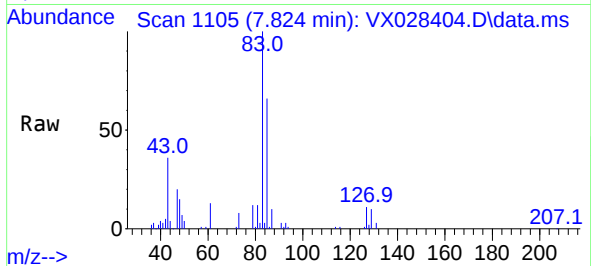
174 114.5 0.0 220.8





#41
Bromodichloromethane
Concen: 3.928 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

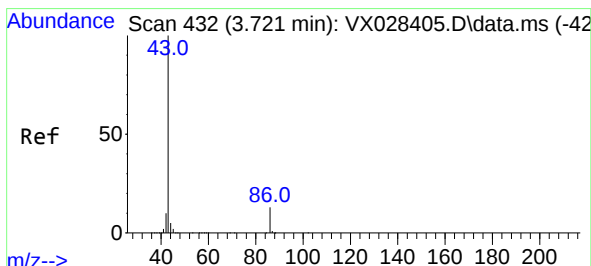
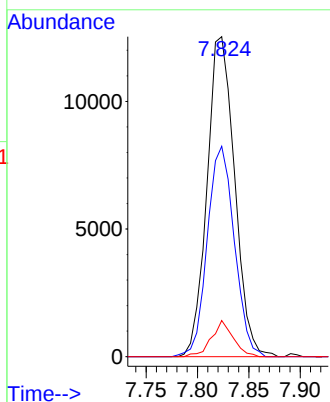
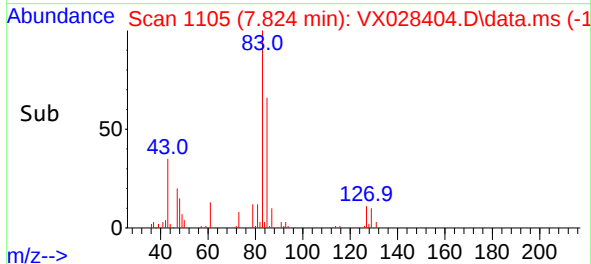
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 83 Resp: 23452
Ion Ratio Lower Upper
83 100
85 65.8 50.6 75.8
127 11.3 7.0 10.6

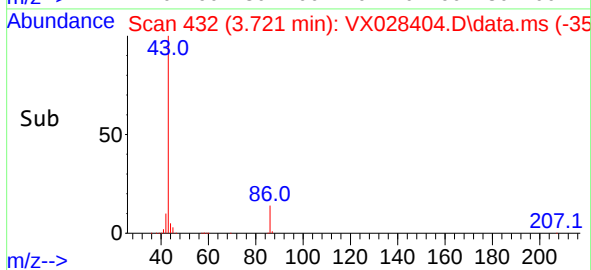
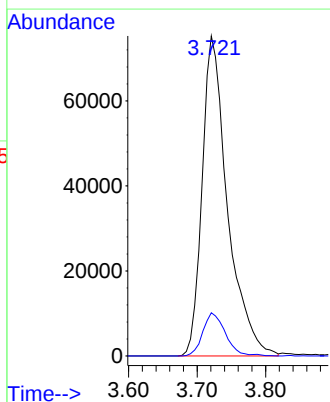
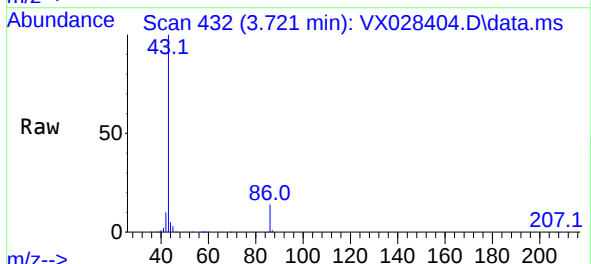
Manual Integrations
APPROVED

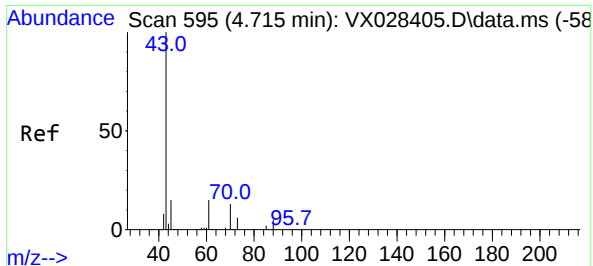
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#42
Vinyl Acetate
Concen: 18.034 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion: 43 Resp: 193822
Ion Ratio Lower Upper
43 100
86 11.8 8.5 12.7





#43

Ethyl Acetate

Concen: 4.029 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX028404.D

Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 24909

Ion Ratio Lower Upper

43 100

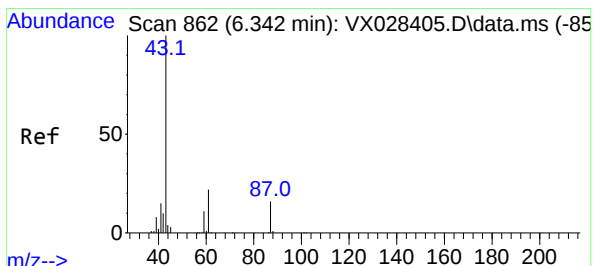
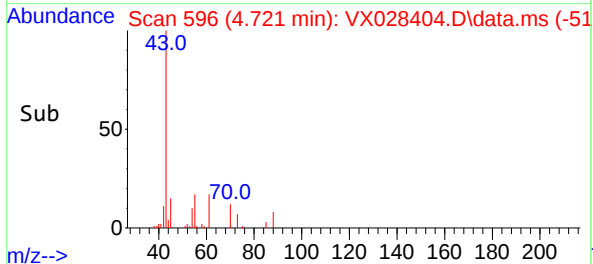
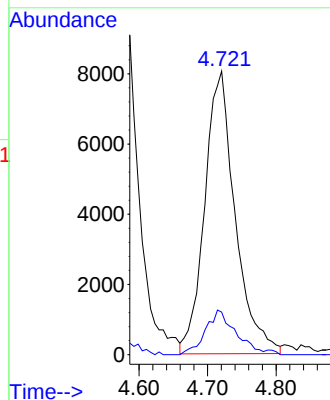
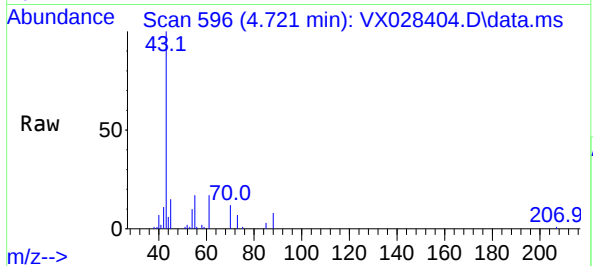
45 15.5 11.8 17.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#44

Isopropyl Acetate

Concen: 3.843 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX028404.D

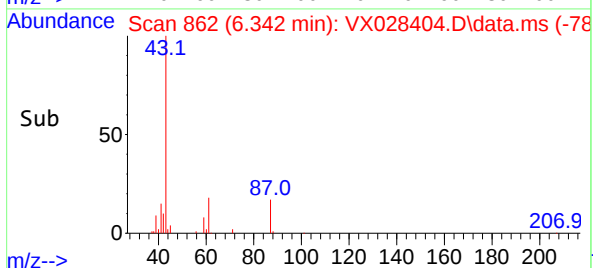
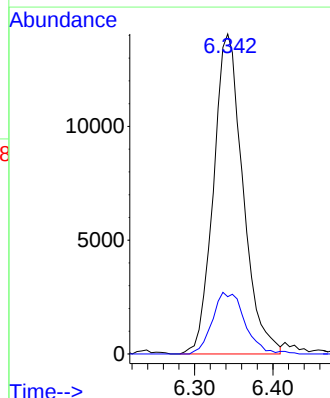
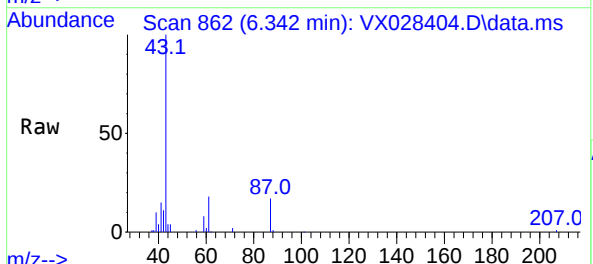
Acq: 28 Apr 2022 16:45

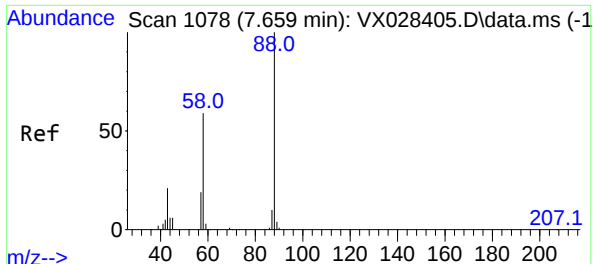
Tgt Ion: 43 Resp: 36704

Ion Ratio Lower Upper

43 100

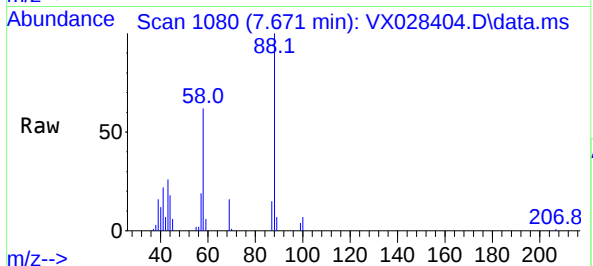
61 11.0 17.0 25.4#





#45
1,4-Dioxane
Concen: 83.374 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

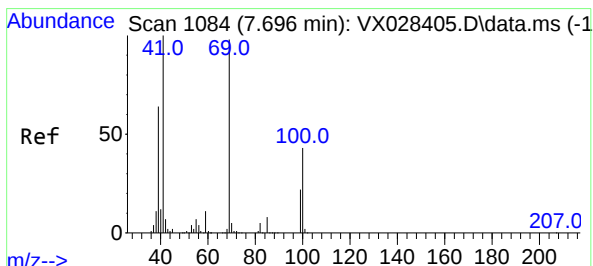
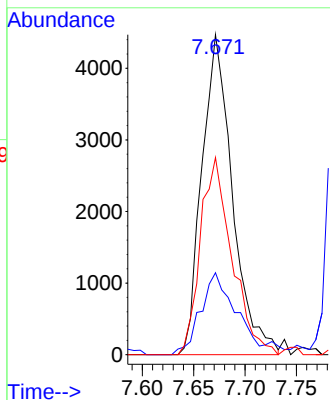
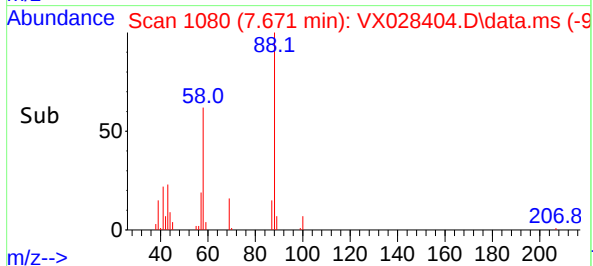
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 9250
Ion Ratio Lower Upper
88 100
43 29.1 25.8 38.6
58 63.6 54.8 82.2

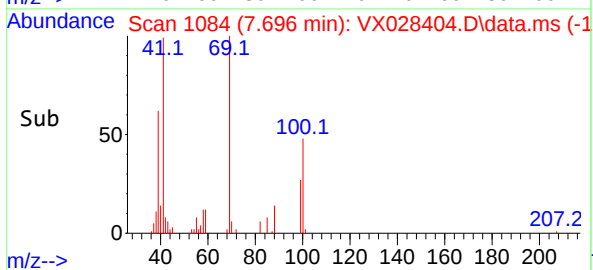
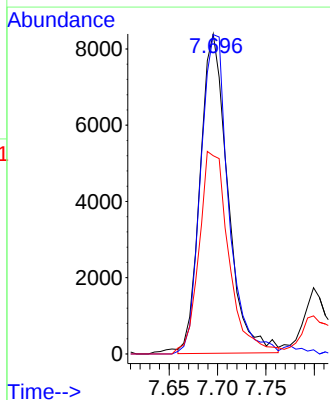
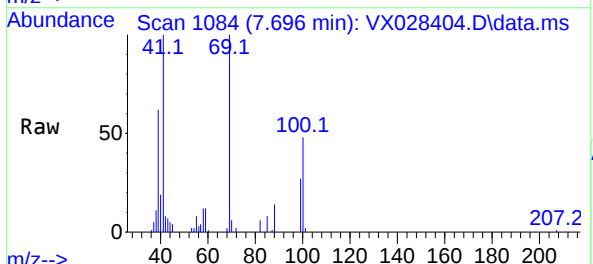
Manual Integrations
APPROVED

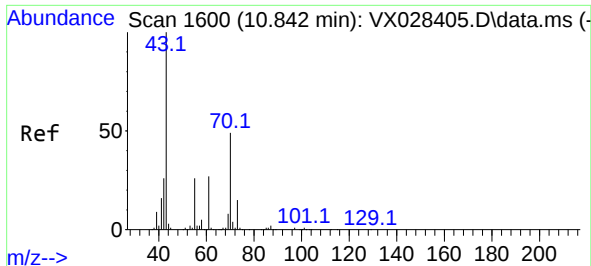
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#46
Methyl methacrylate
Concen: 3.572 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

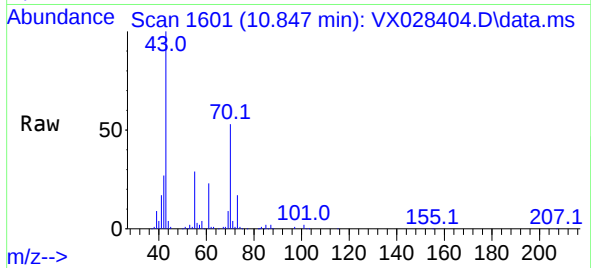
Tgt Ion: 41 Resp: 16675
Ion Ratio Lower Upper
41 100
69 100.4 41.9 125.8
39 60.9 27.5 82.5





#47
n-amy1 Acetate
Concen: 3.503 ug/l
RT: 10.847 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

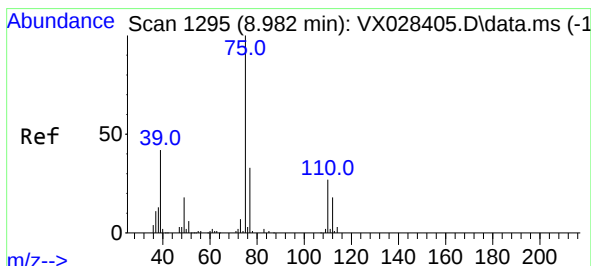
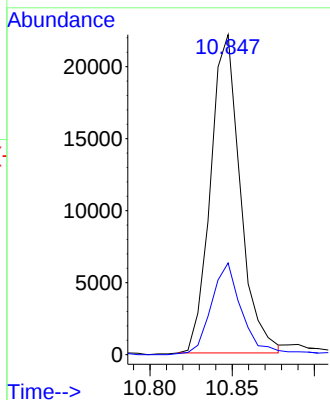
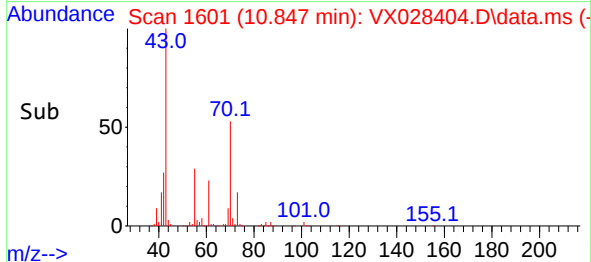
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



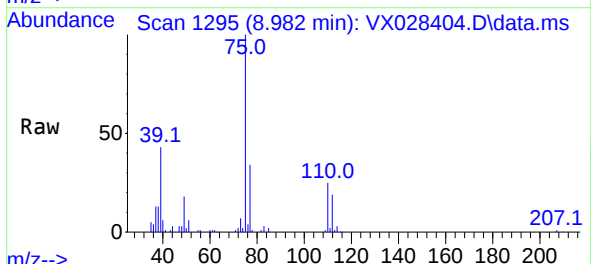
Tgt Ion: 43 Resp: 2780
Ion Ratio Lower Upper
43 100
55 29.7 20.4 30.6

Manual Integrations
APPROVED

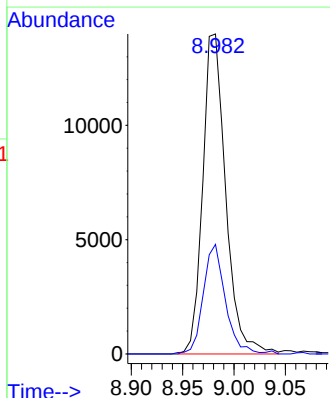
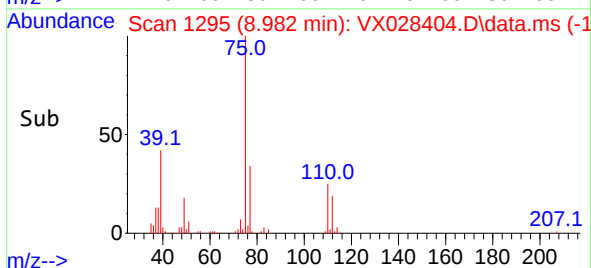
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

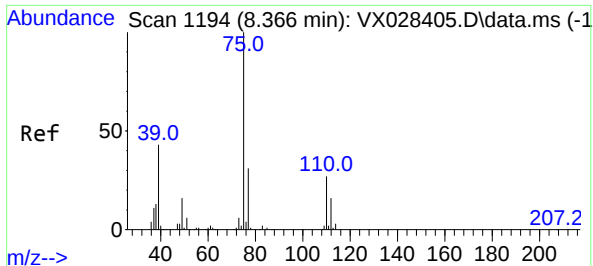


#48
t-1,3-Dichloropropene
Concen: 3.521 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



Tgt Ion: 75 Resp: 21843
Ion Ratio Lower Upper
75 100
77 34.3 26.6 40.0





#49

cis-1,3-Dichloropropene

Concen: 3.684 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028404.D

Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

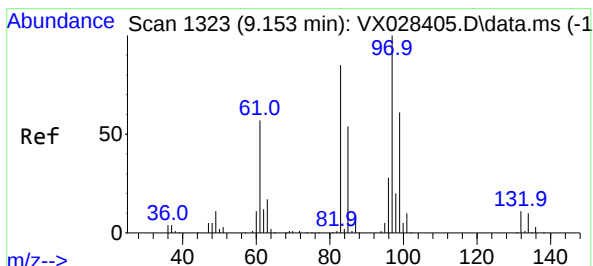
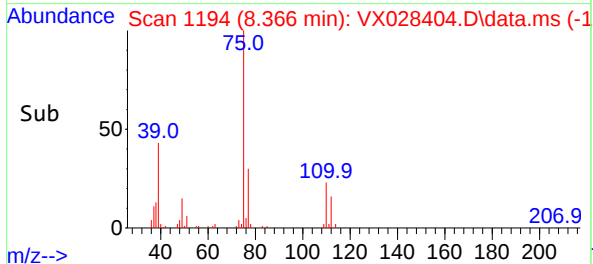
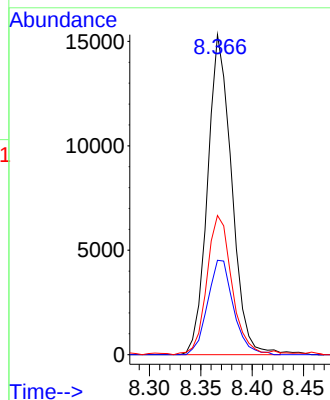
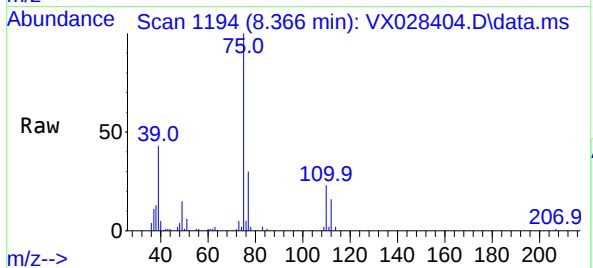
Tgt Ion: 75	Resp: 2498
Ion Ratio	Lower Upper
75 100	
77 29.5	25.2 37.8
39 43.0	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#50

1,1,2-Trichloroethane

Concen: 4.650 ug/l

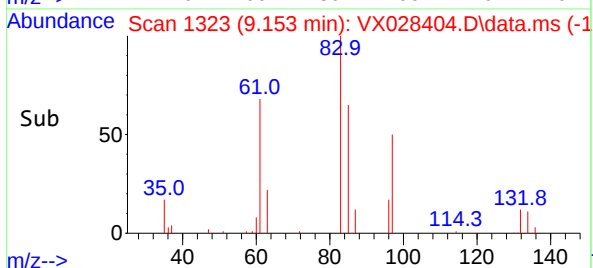
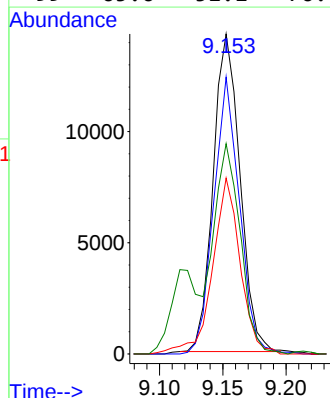
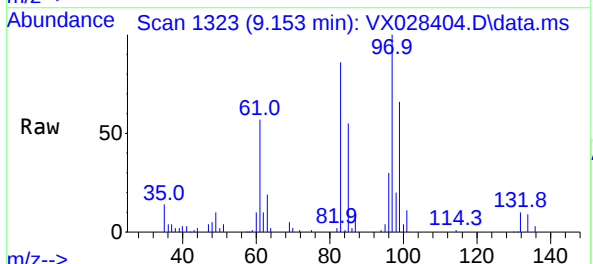
RT: 9.153 min Scan# 1323

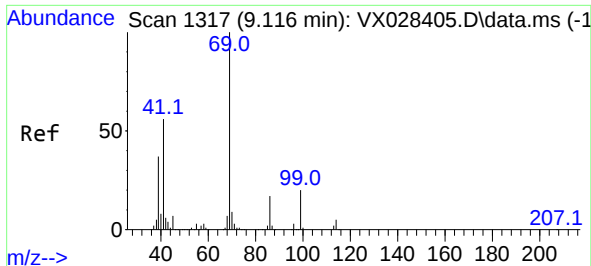
Delta R.T. -0.000 min

Lab File: VX028404.D

Acq: 28 Apr 2022 16:45

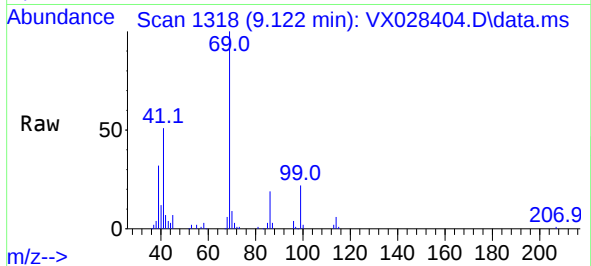
Tgt Ion: 97	Resp: 21022
Ion Ratio	Lower Upper
97 100	
83 87.1	66.2 99.4
85 55.3	40.4 60.6
99 65.6	51.1 76.7





#51
Ethyl methacrylate
Concen: 3.863 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

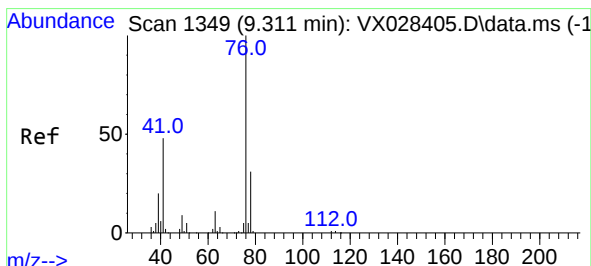
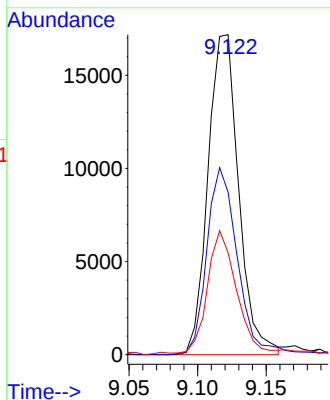
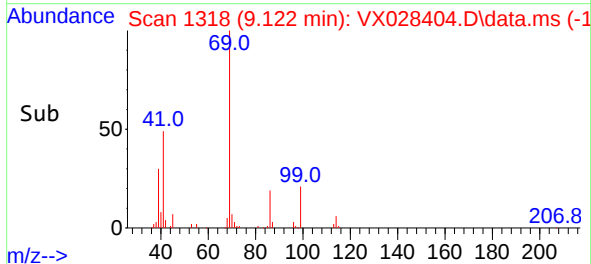
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 69 Resp: 2675
Ion Ratio Lower Upper
69 100
41 50.4 32.1 96.5
39 31.3 18.3 54.9

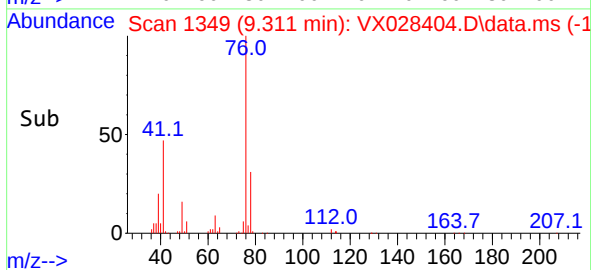
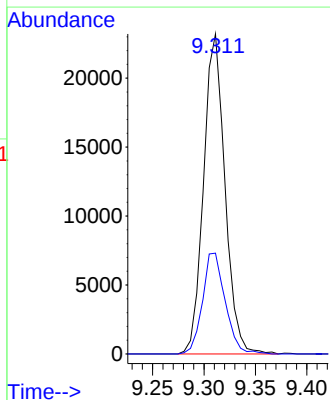
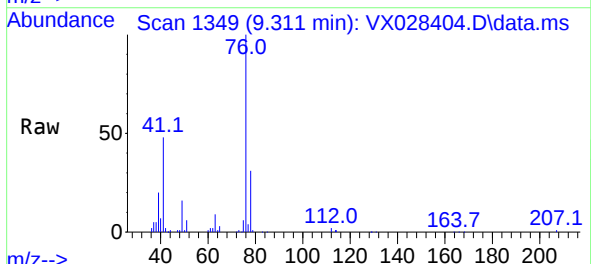
Manual Integrations
APPROVED

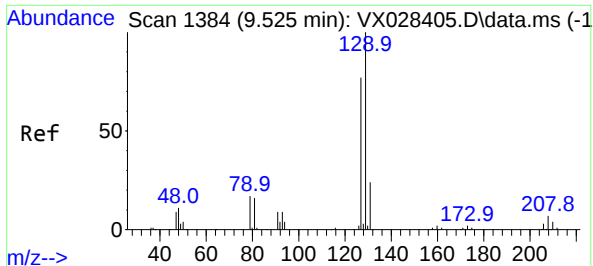
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#52
1,3-Dichloropropane
Concen: 4.500 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion: 76 Resp: 33621
Ion Ratio Lower Upper
76 100
78 33.5 0.0 64.4





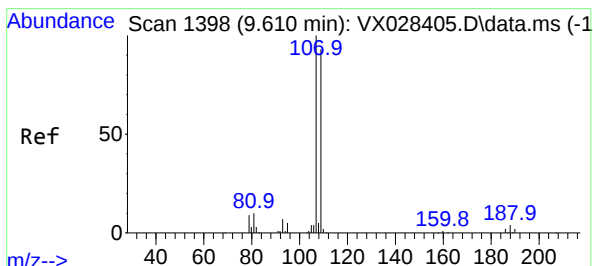
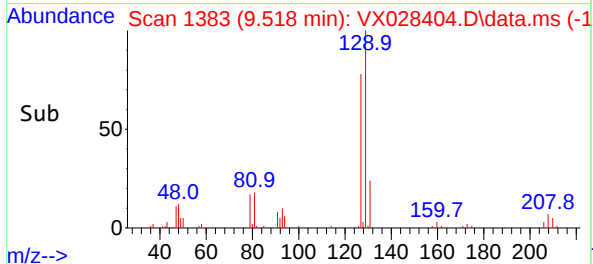
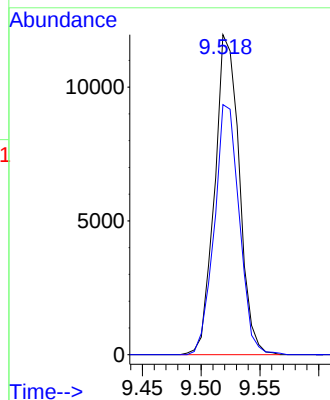
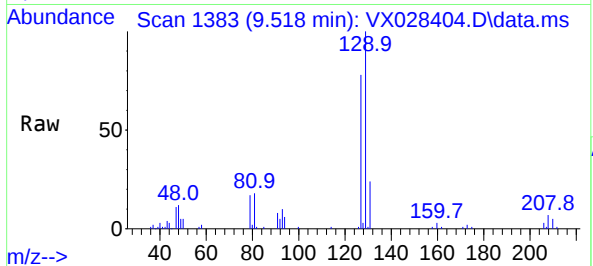
#53
Dibromochloromethane
Concen: 3.595 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 1743
Ion Ratio Lower Upper
129 100
127 79.2 38.4 115.1

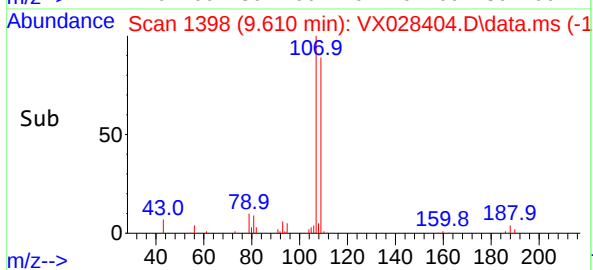
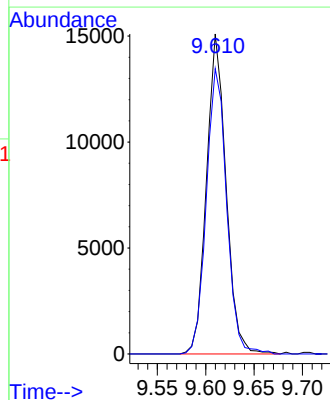
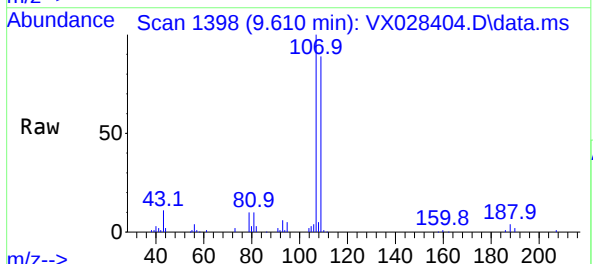
Manual Integrations
APPROVED

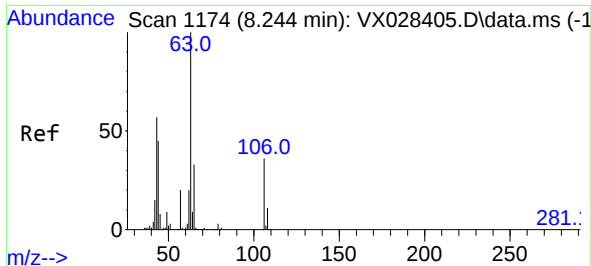
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#54
1,2-Dibromoethane
Concen: 4.355 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

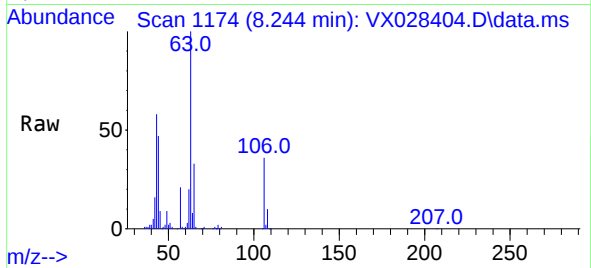
Tgt Ion:107 Resp: 21275
Ion Ratio Lower Upper
107 100
109 91.8 76.2 114.4





#55
2-Chloroethyl vinyl ether
Concen: 19.673 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

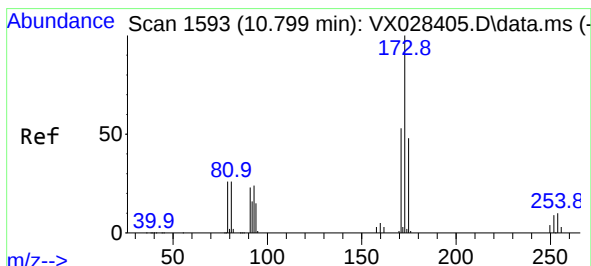
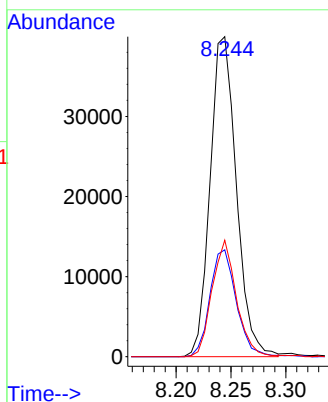
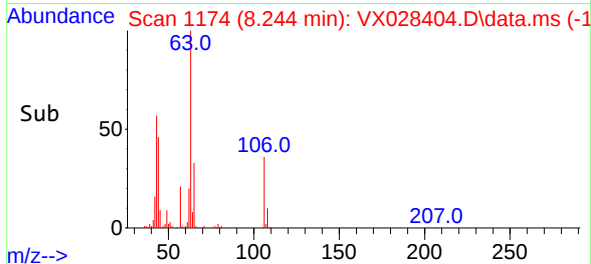
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



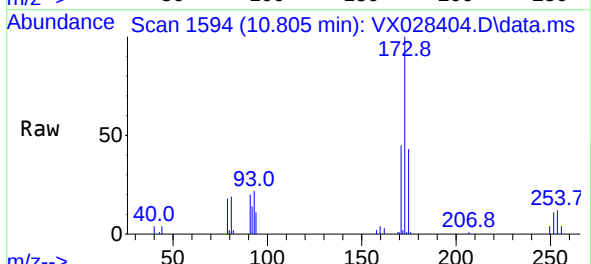
Tgt Ion: 63 Resp: 66689
Ion Ratio Lower Upper
63 100
65 33.5 25.9 38.9
106 33.7 25.8 38.6

Manual Integrations
APPROVED

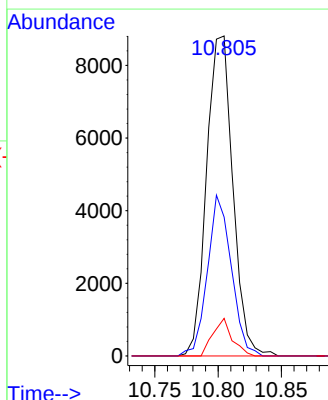
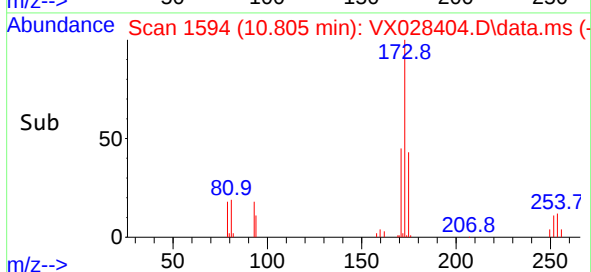
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

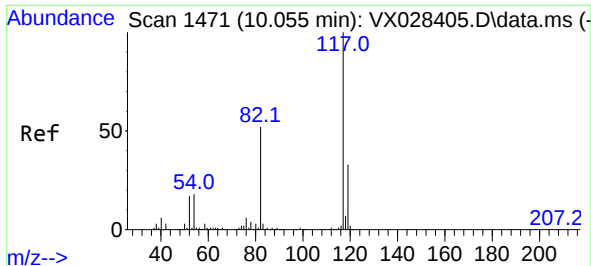


#56
Bromoform
Concen: 3.558 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



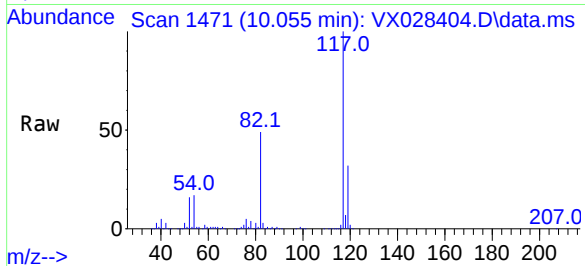
Tgt Ion:173 Resp: 12730
Ion Ratio Lower Upper
173 100
175 45.7 40.3 60.5
254 8.6 7.4 11.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

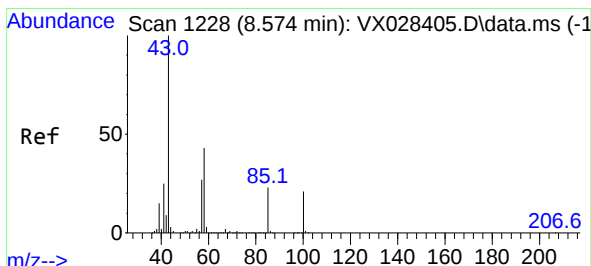
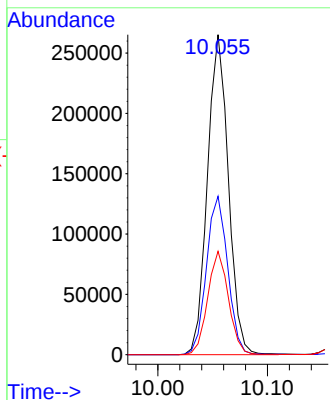
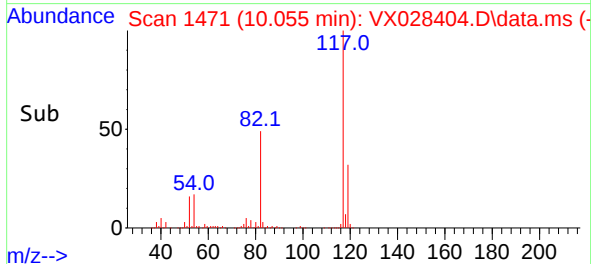
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 117 Resp: 352659
Ion Ratio Lower Upper
117 100
82 50.2 42.3 63.5
119 32.0 26.2 39.2

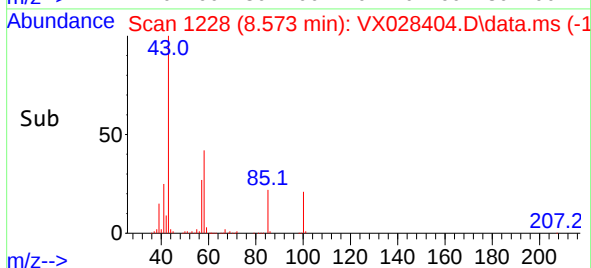
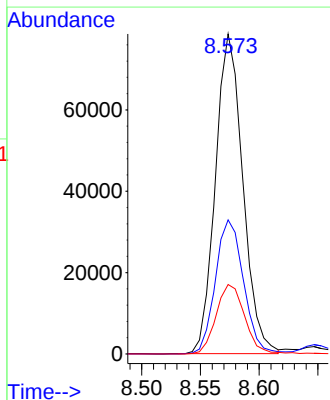
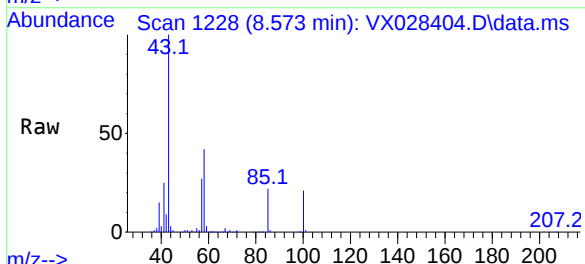
Manual Integrations
APPROVED

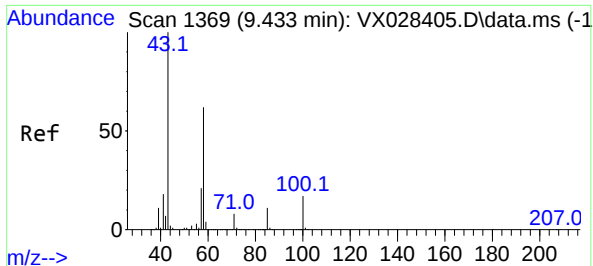
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#58
4-Methyl-2-Pentanone
Concen: 20.846 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

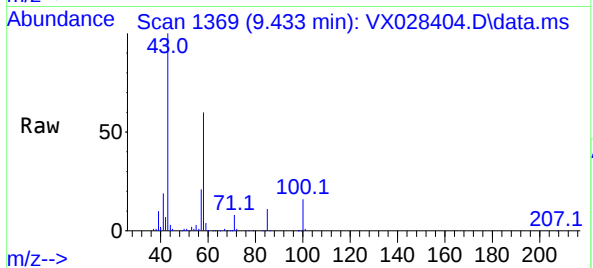
Tgt Ion: 43 Resp: 127630
Ion Ratio Lower Upper
43 100
58 43.1 31.8 47.6
85 22.7 15.8 23.6





#59
2-Hexanone
Concen: 20.302 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

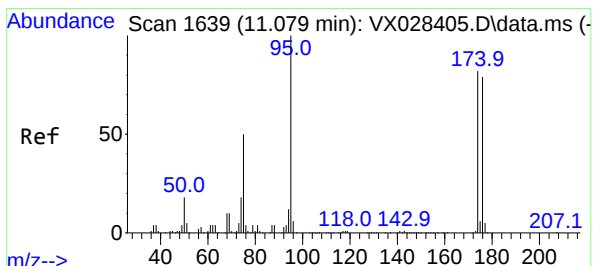
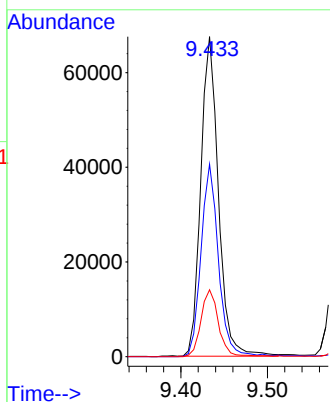
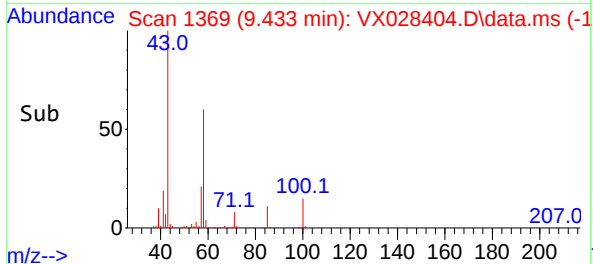
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



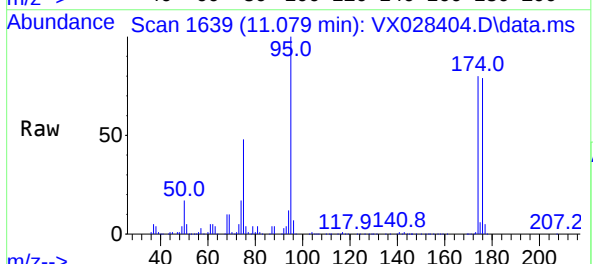
Tgt Ion: 43 Resp: 95530
Ion Ratio Lower Upper
43 100
58 59.2 44.1 66.1
57 20.8 16.2 24.2

Manual Integrations
APPROVED

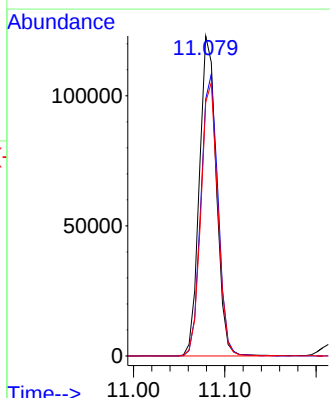
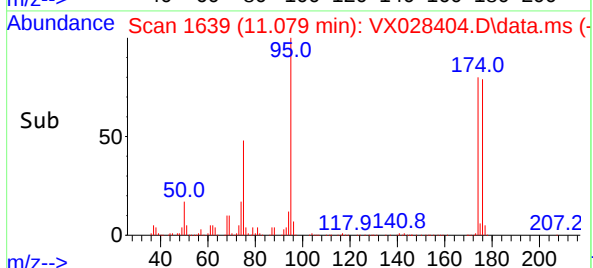
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

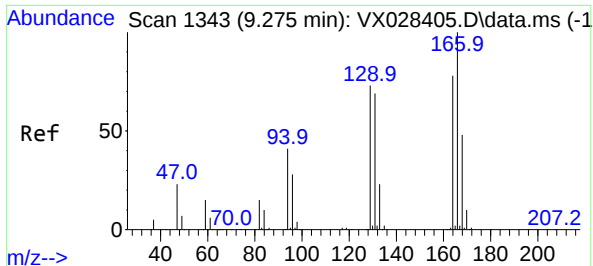


#60
4-Bromofluorobenzene
Concen: 27.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



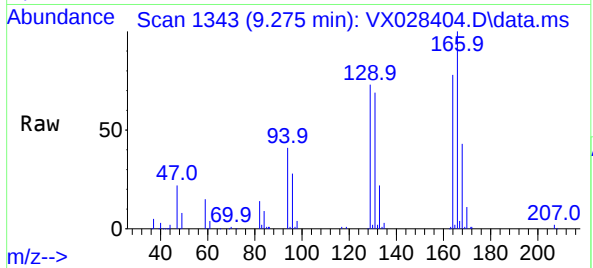
Tgt Ion: 95 Resp: 157628
Ion Ratio Lower Upper
95 100
174 88.7 65.4 98.2
176 85.0 63.4 95.0





#61
Tetrachloroethene
Concen: 4.347 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

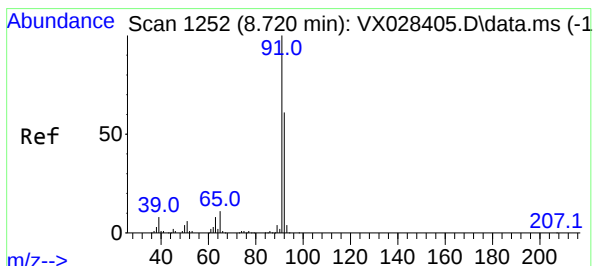
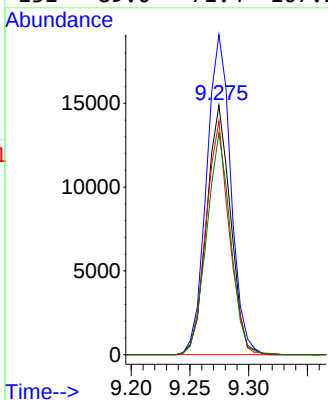
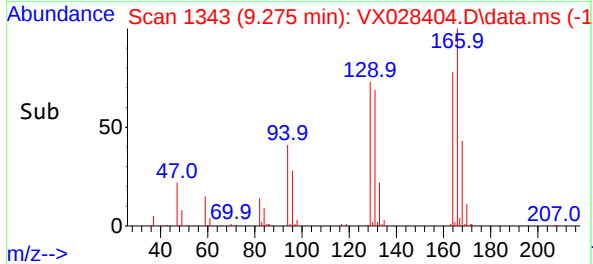
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



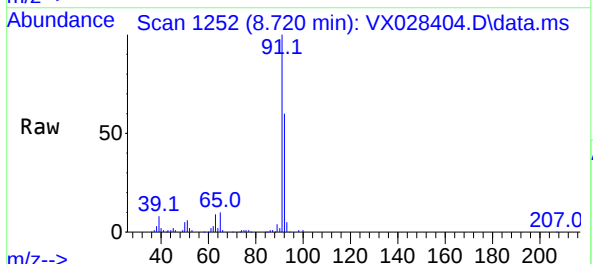
Tgt Ion:164 Resp: 21090
Ion Ratio Lower Upper
164 100
166 128.4 105.0 157.6
129 93.7 78.5 117.7
131 89.0 71.4 107.2

Manual Integrations
APPROVED

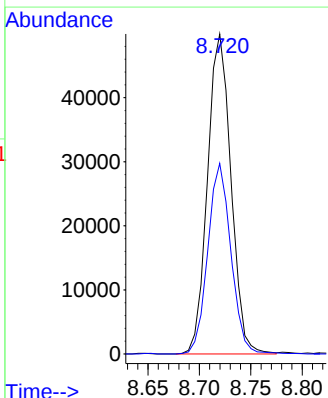
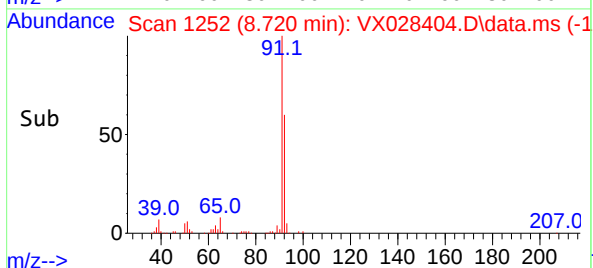
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

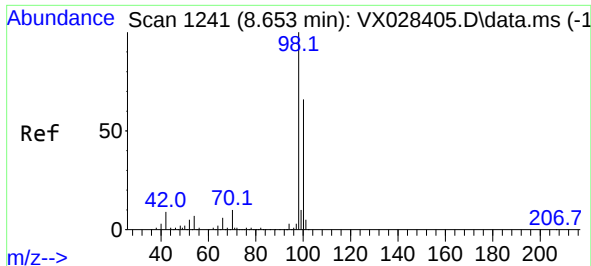


#62
Toluene
Concen: 4.322 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



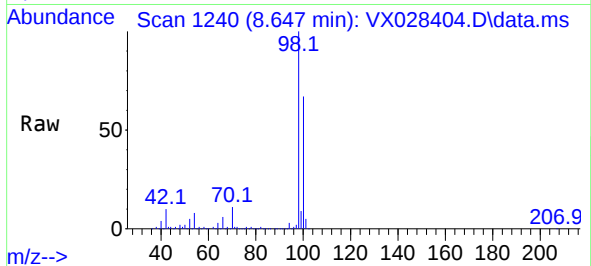
Tgt Ion: 91 Resp: 79424
Ion Ratio Lower Upper
91 100
92 58.5 48.1 72.1





#63
Toluene-d8
Concen: 29.824 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

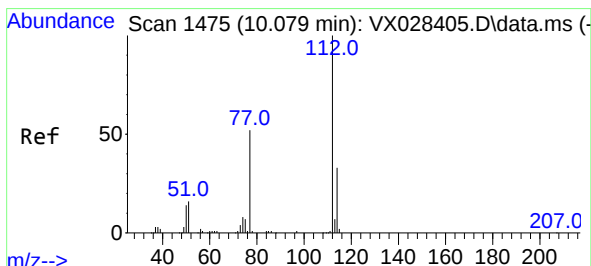
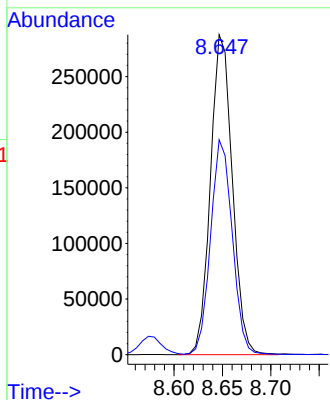
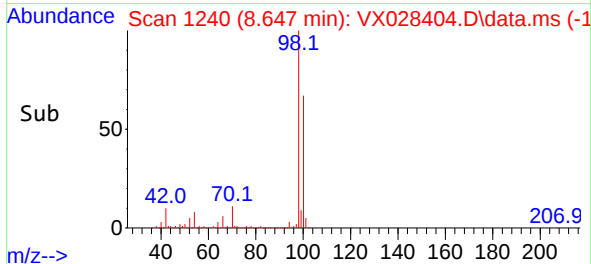
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 45217
Ion Ratio Lower Upper
98 100
100 66.6 51.4 77.2

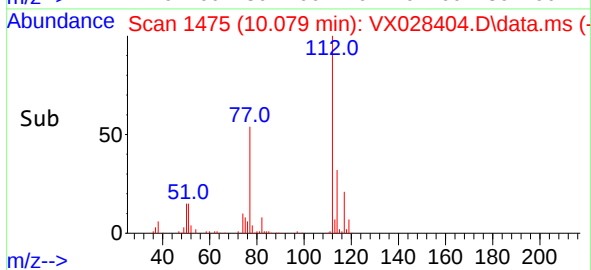
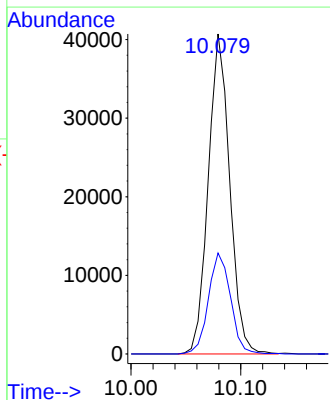
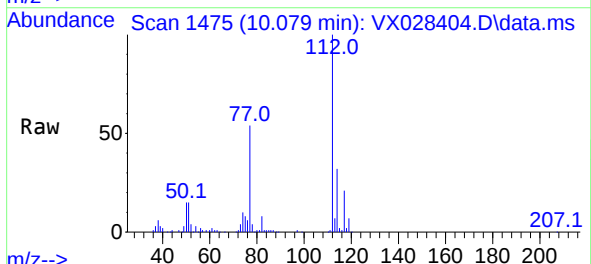
Manual Integrations
APPROVED

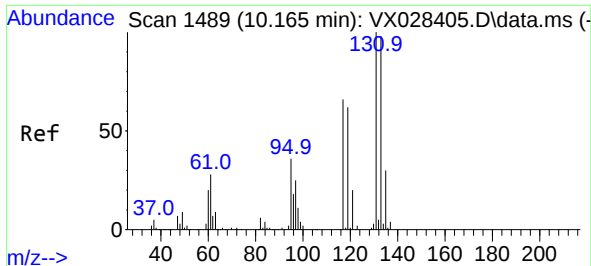
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#64
Chlorobenzene
Concen: 4.628 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

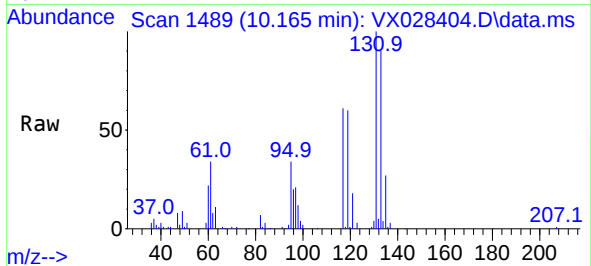
Tgt Ion:112 Resp: 55440
Ion Ratio Lower Upper
112 100
114 31.5 26.0 39.0





#65
1,1,1,2-Tetrachloroethane
Concen: 4.384 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

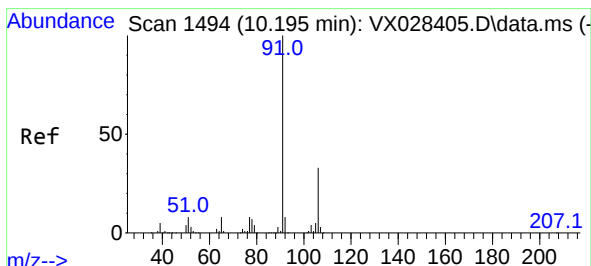
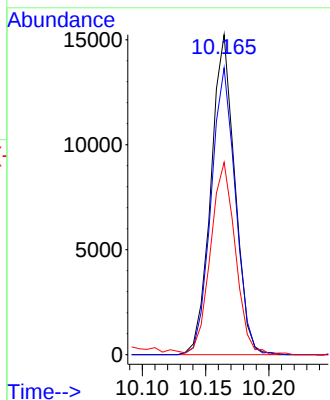
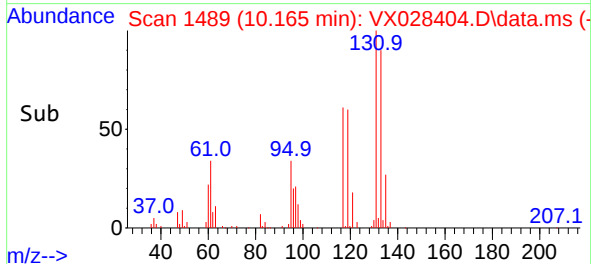
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



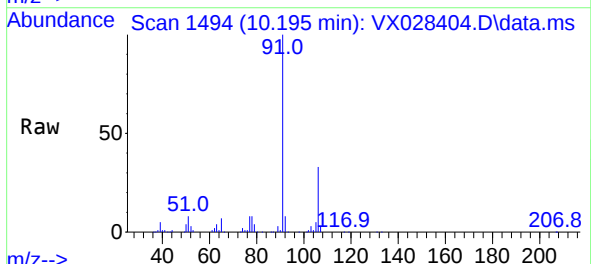
Tgt Ion: 131 Resp: 20040
Ion Ratio Lower Upper
131 100
133 91.0 0.0 197.2
119 62.0 0.0 127.4

Manual Integrations
APPROVED

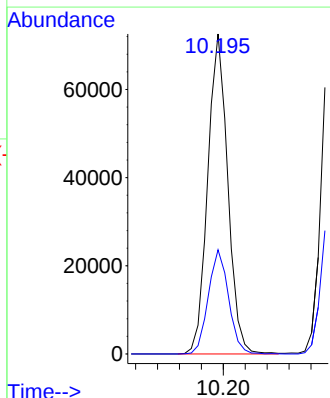
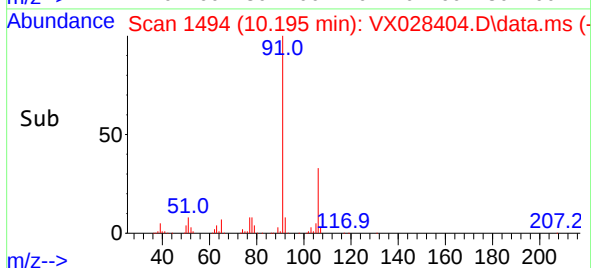
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

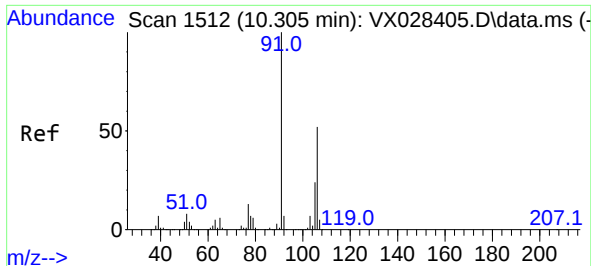


#66
Ethyl Benzene
Concen: 4.413 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



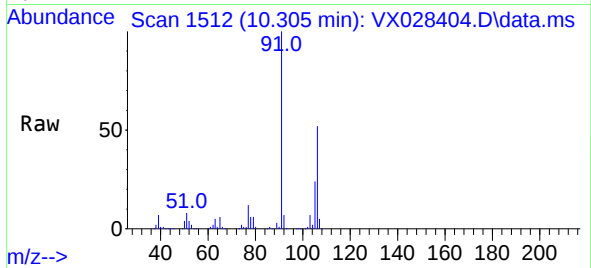
Tgt Ion: 91 Resp: 92123
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.8





#67
m/p-Xylenes
Concen: 8.914 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

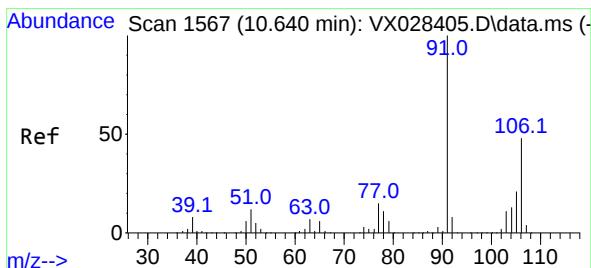
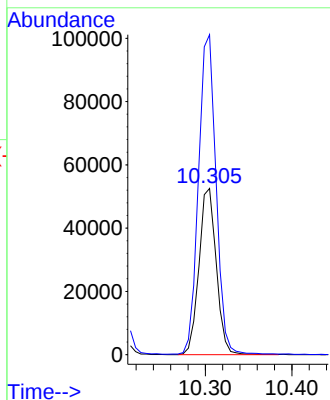
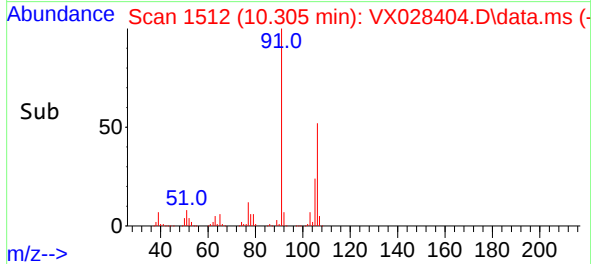
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



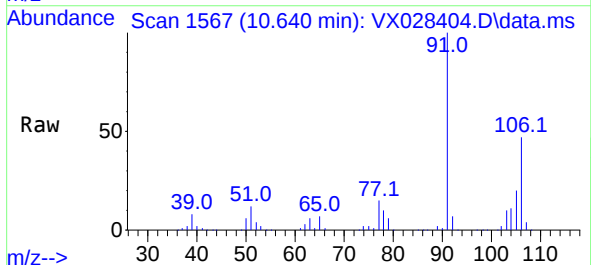
Tgt Ion:106 Resp: 73070
Ion Ratio Lower Upper
106 100
91 193.6 159.5 239.3

Manual Integrations
APPROVED

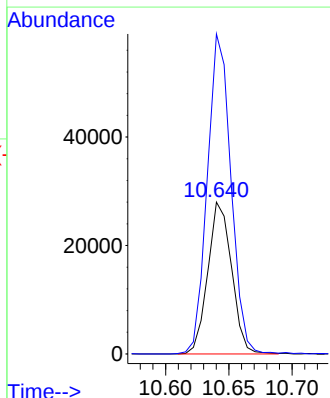
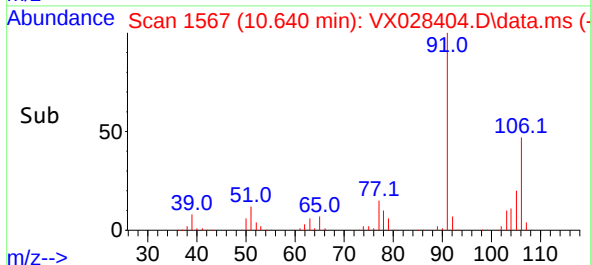
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

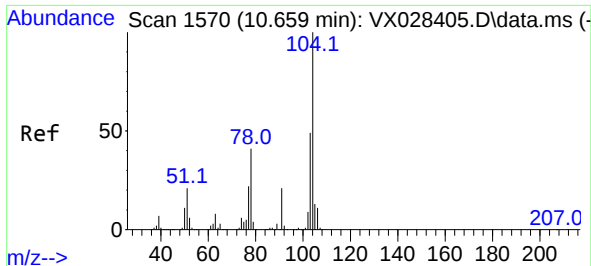


#68
o-Xylene
Concen: 4.546 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



Tgt Ion:106 Resp: 36656
Ion Ratio Lower Upper
106 100
91 209.3 105.4 316.2





#69

Styrene

Concen: 4.360 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX028404.D

Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

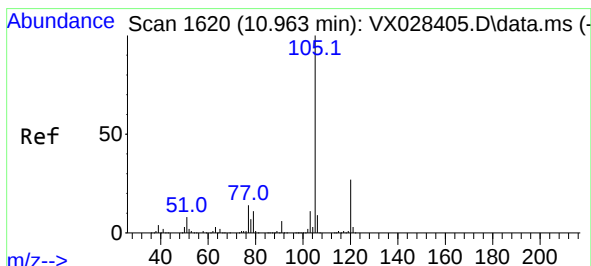
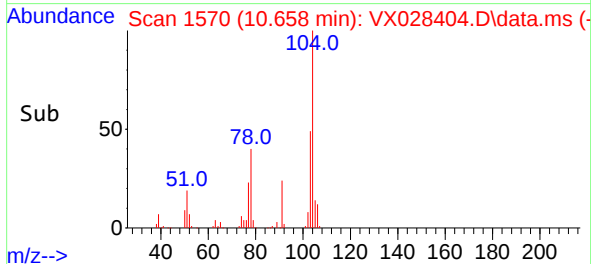
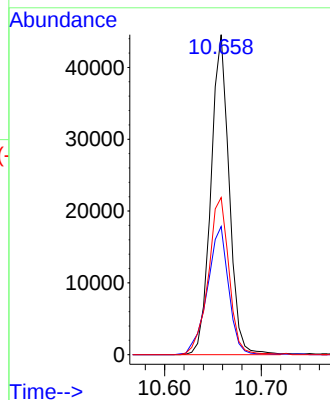
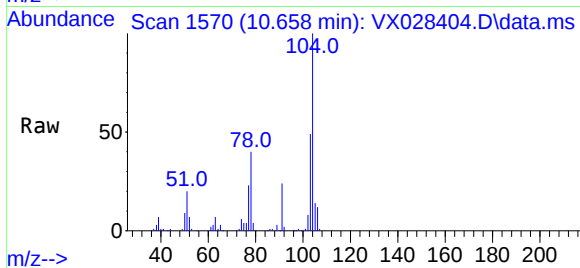
Tgt Ion:104	Resp:	5845
Ion Ratio	Lower	Upper
104	100	
78	46.4	39.7 59.5
103	55.6	42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2022

Supervised By :Mahesh Dadoda 04/29/2022



#70

Isopropylbenzene

Concen: 4.623 ug/l

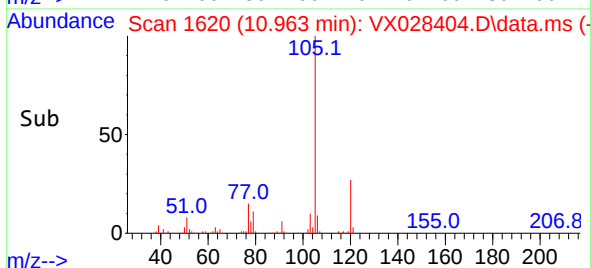
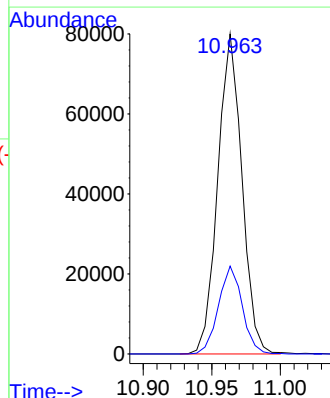
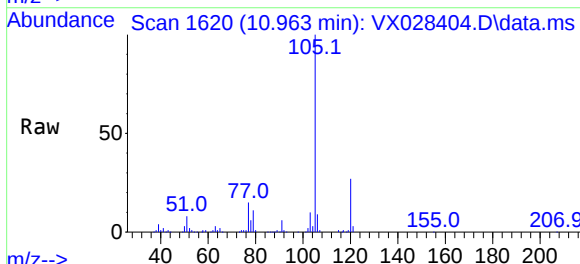
RT: 10.963 min Scan# 1620

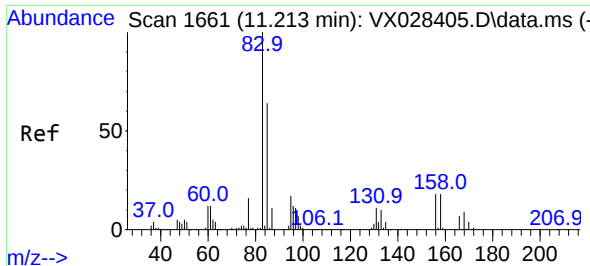
Delta R.T. -0.000 min

Lab File: VX028404.D

Acq: 28 Apr 2022 16:45

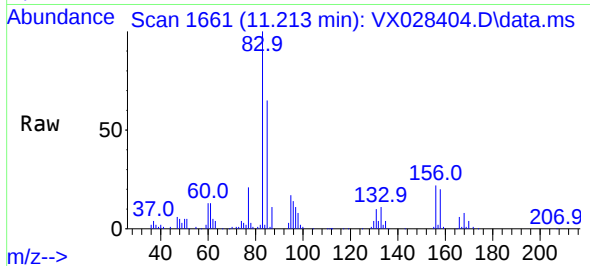
Tgt Ion:105	Resp:	97933
Ion Ratio	Lower	Upper
105	100	
120	27.0	18.8 34.8





#71
1,1,2,2-Tetrachloroethane
Concen: 5.102 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

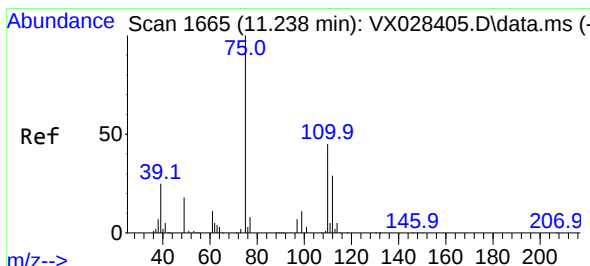
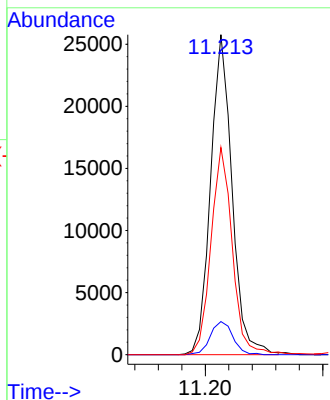
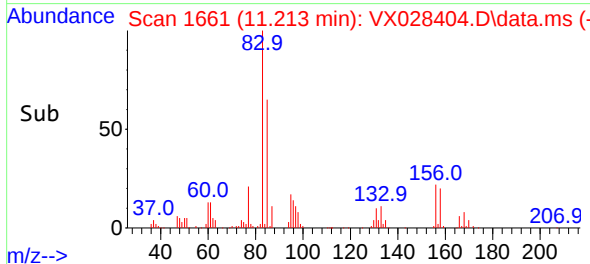
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



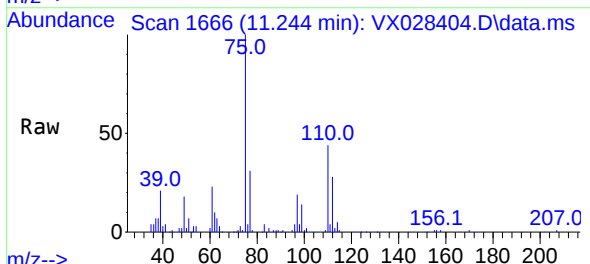
Tgt Ion: 83 Resp: 32594
Ion Ratio Lower Upper
83 100
131 10.9 5.8 17.3
85 64.5 32.0 96.2

Manual Integrations
APPROVED

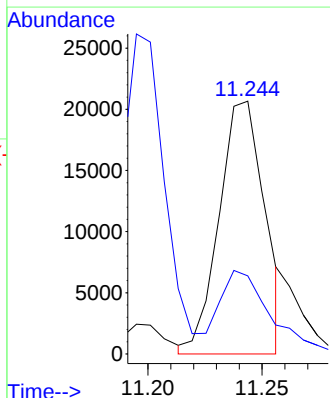
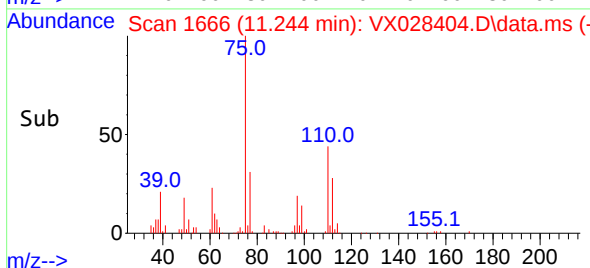
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

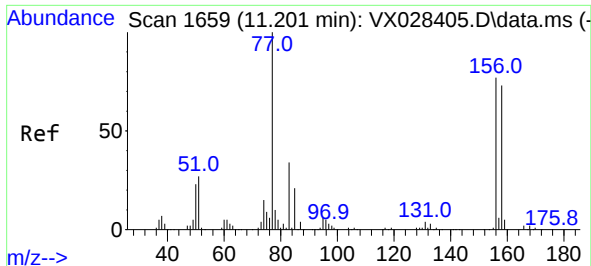


#72
1,2,3-Trichloropropane
Concen: 4.710 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



Tgt Ion: 75 Resp: 28704
Ion Ratio Lower Upper
75 100
77 38.4 0.0 78.6





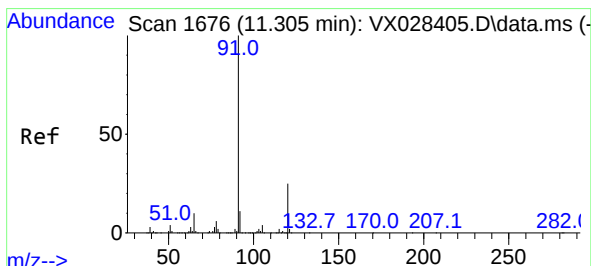
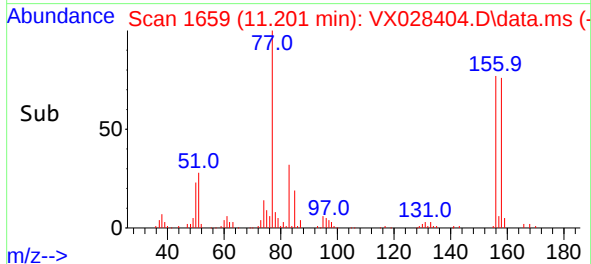
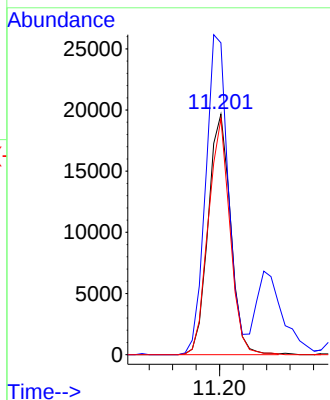
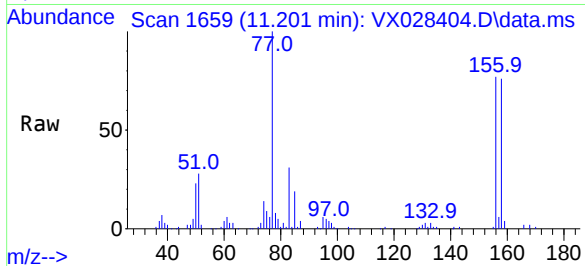
#73
Bromobenzene
Concen: 4.898 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 2604
Ion Ratio Lower Upper
156 100
77 133.4 0.0 297.6
158 95.1 0.0 188.4

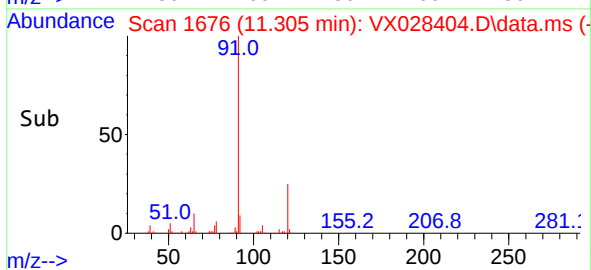
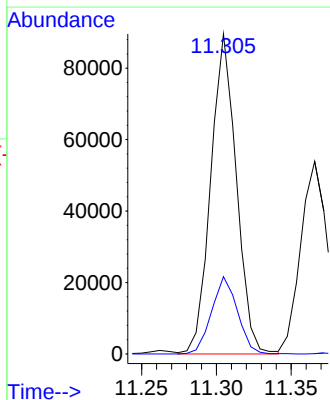
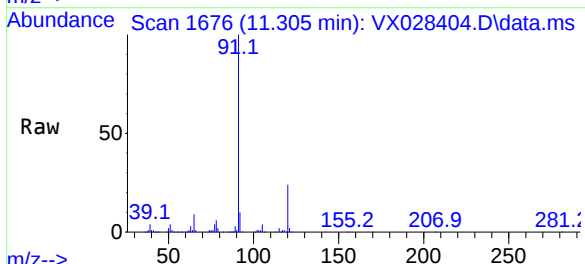
Manual Integrations
APPROVED

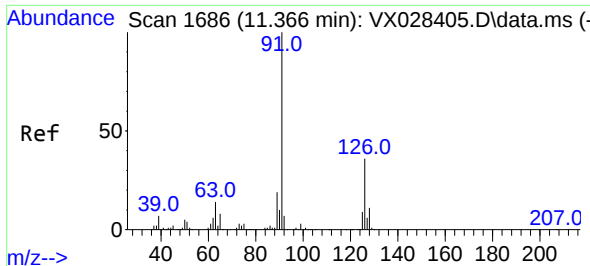
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#74
n-propylbenzene
Concen: 4.432 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

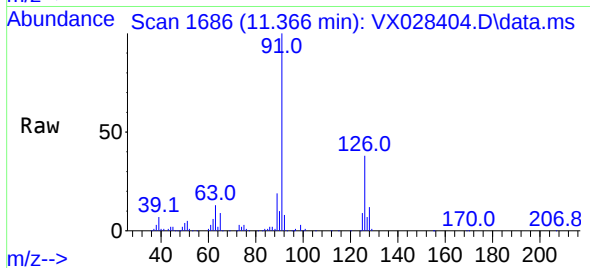
Tgt Ion: 91 Resp: 106701
Ion Ratio Lower Upper
91 100
120 24.3 0.0 48.0





#75
2-Chlorotoluene
Concen: 4.640 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

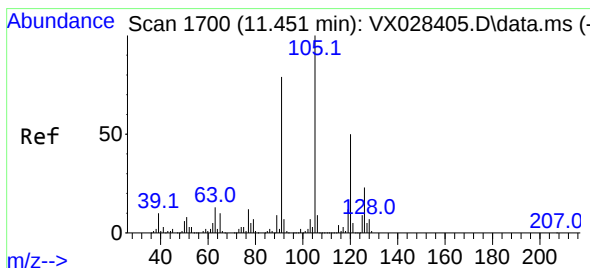
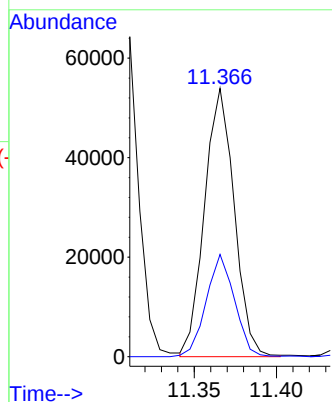
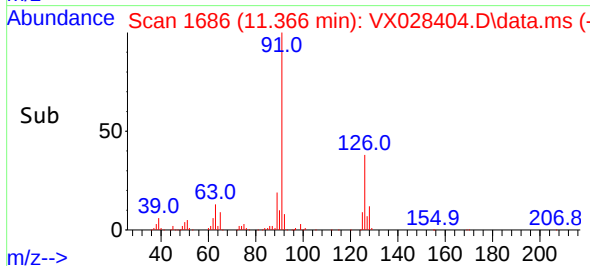
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



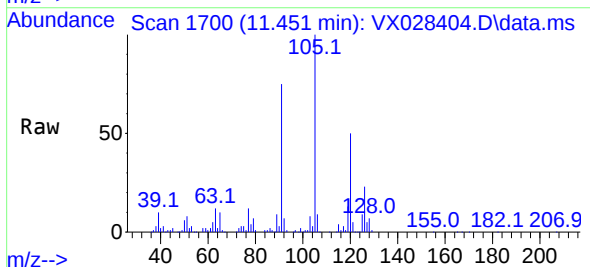
Tgt Ion: 91 Resp: 67852
Ion Ratio Lower Upper
91 100
126 36.2 0.0 68.6

Manual Integrations
APPROVED

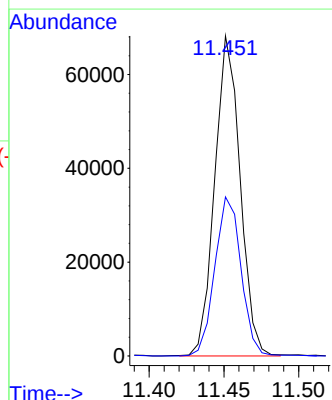
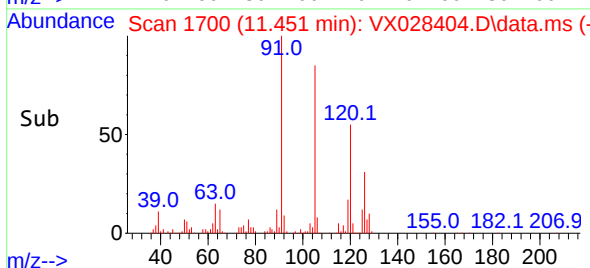
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

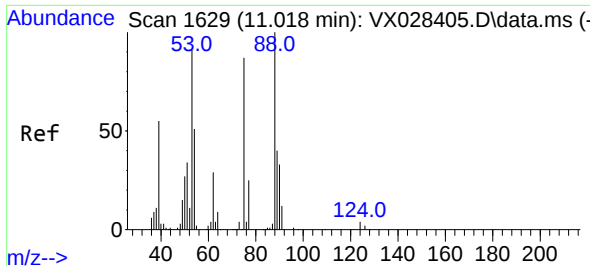


#76
1,3,5-Trimethylbenzene
Concen: 4.537 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



Tgt Ion:105 Resp: 80589
Ion Ratio Lower Upper
105 100
120 51.4 0.0 98.0





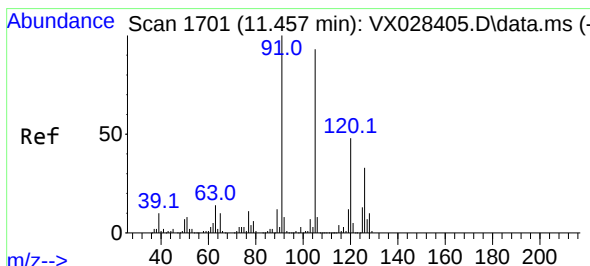
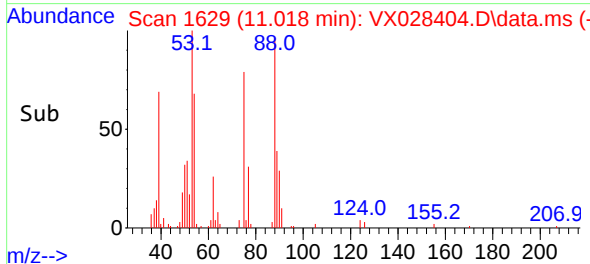
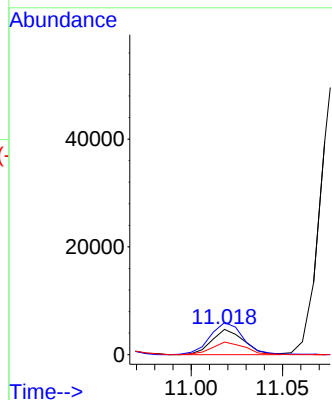
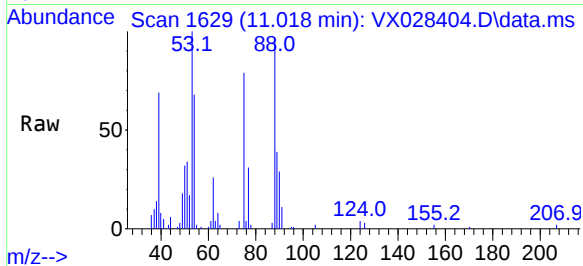
#77
t-1,4-Dichloro-2-butene
Concen: 3.226 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 5810
Ion Ratio Lower Upper
75 100
53 125.3 59.7 179.1
89 49.9 23.1 69.2

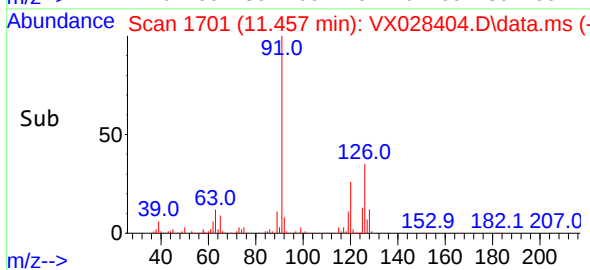
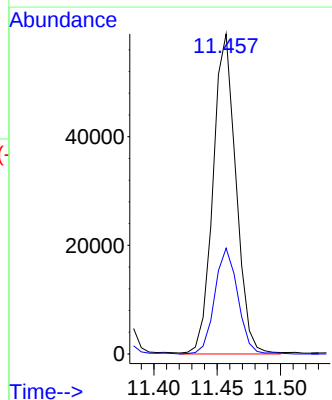
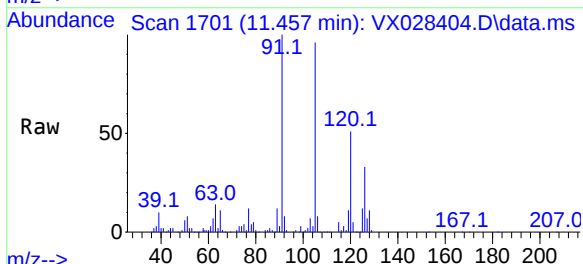
Manual Integrations
APPROVED

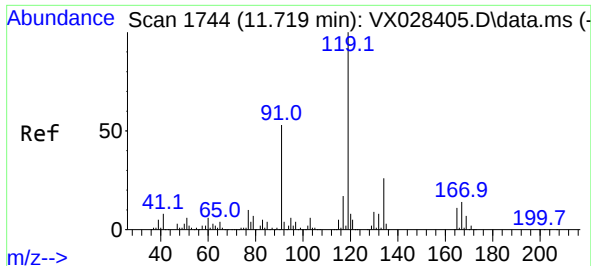
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#78
4-Chlorotoluene
Concen: 4.475 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion: 91 Resp: 74340
Ion Ratio Lower Upper
91 100
126 33.0 0.0 59.8





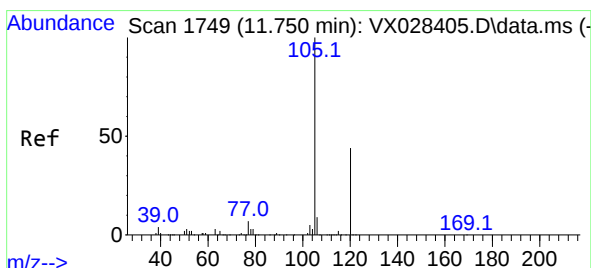
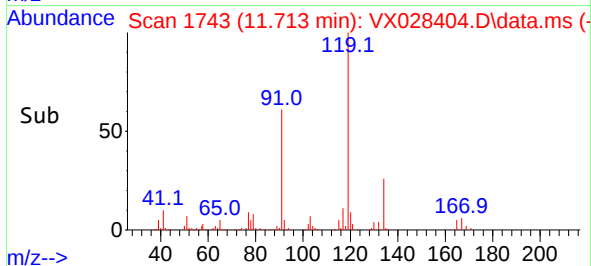
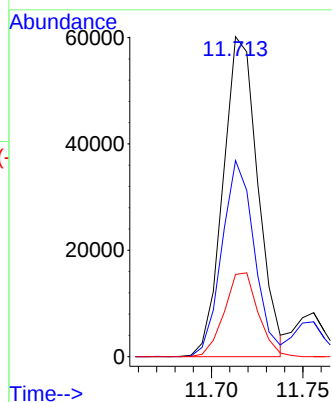
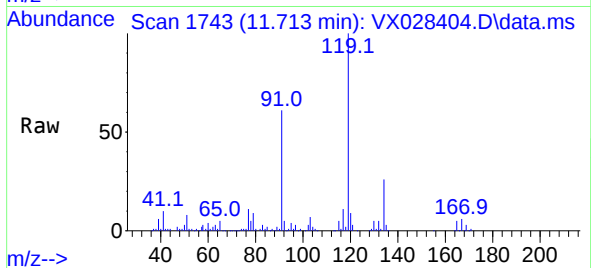
#79
tert-butylbenzene
Concen: 4.608 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 7986
Ion Ratio Lower Upper
119 100
91 57.4 0.0 119.4
134 25.6 0.0 48.4

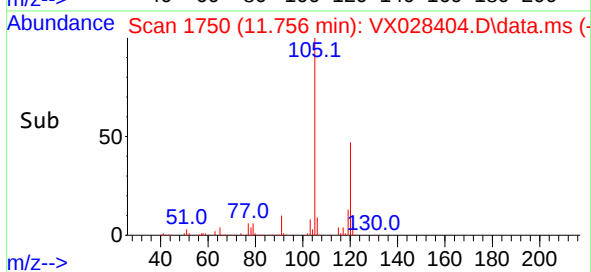
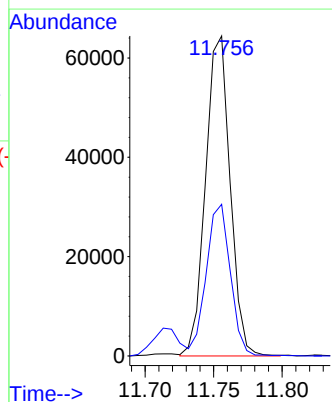
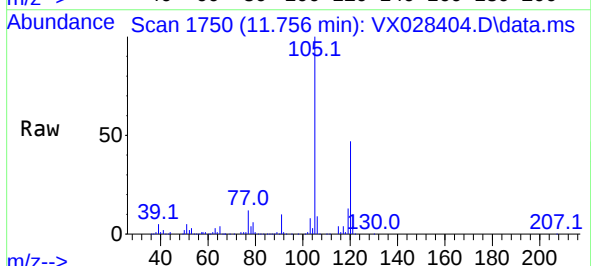
Manual Integrations
APPROVED

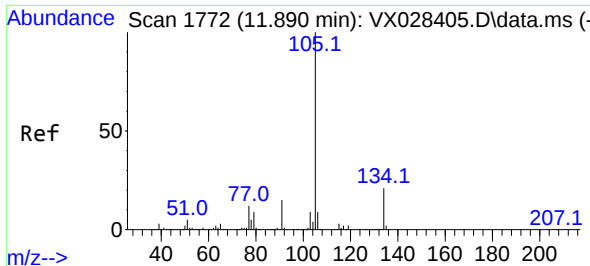
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#80
1,2,4-Trimethylbenzene
Concen: 4.532 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

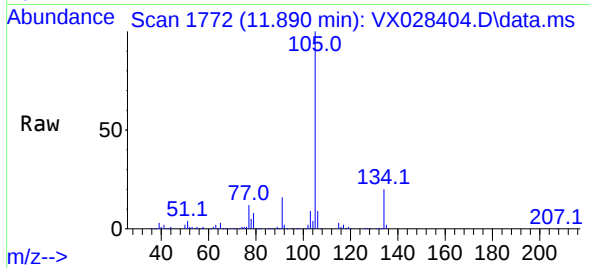
Tgt Ion:105 Resp: 80395
Ion Ratio Lower Upper
105 100
120 45.9 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 4.434 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028404.D
 Acq: 28 Apr 2022 16:45

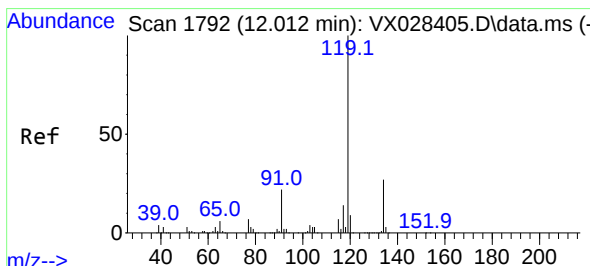
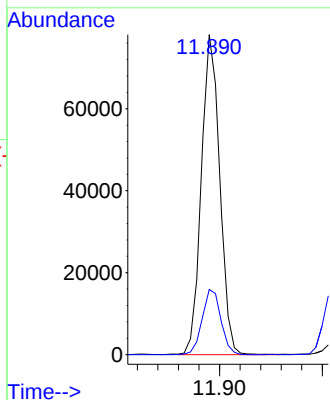
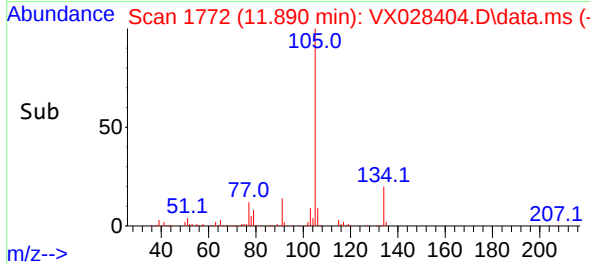
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



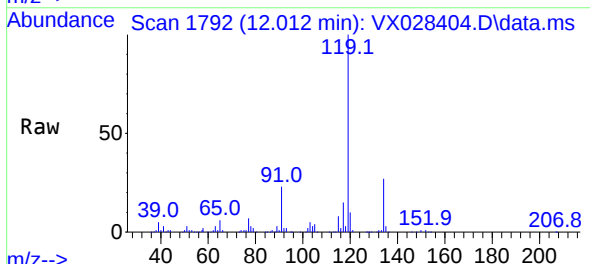
Tgt Ion:105 Resp: 9728
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 41.2

Manual Integrations
 APPROVED

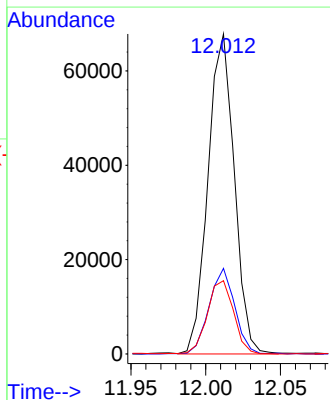
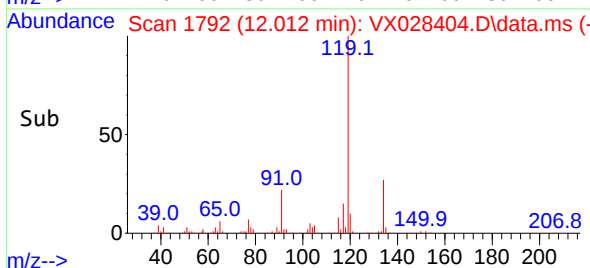
Reviewed By :John Carlone 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

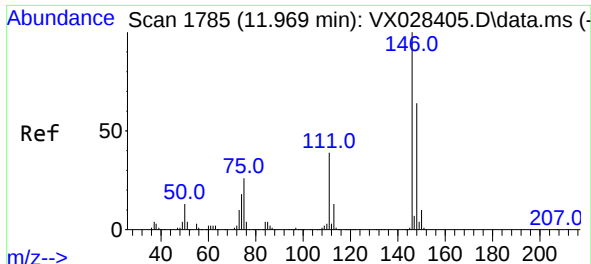


#82
 p-Isopropyltoluene
 Concen: 4.443 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028404.D
 Acq: 28 Apr 2022 16:45



Tgt Ion:119 Resp: 83039
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.4
 91 22.9 0.0 47.2





#83
1,3-Dichlorobenzene
Concen: 4.726 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

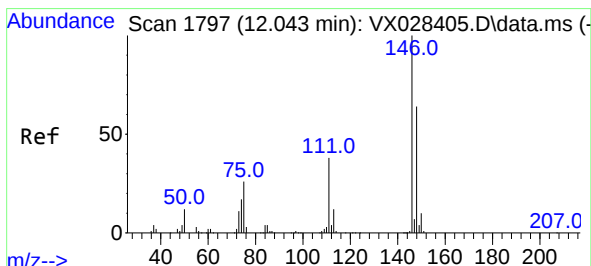
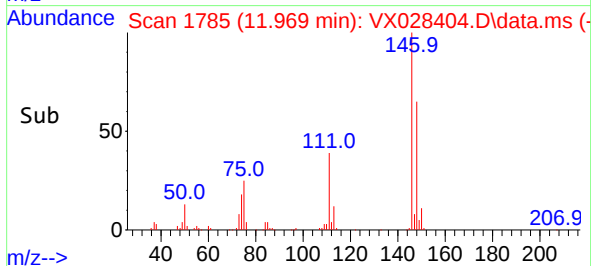
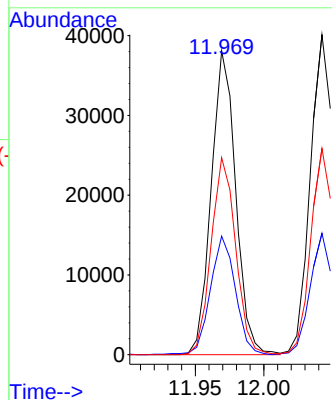
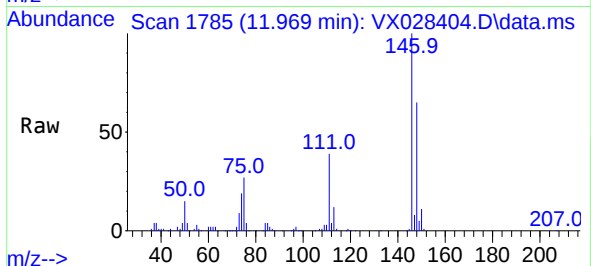
VSTDICC005

Tgt Ion:146 Resp: 47370
Ion Ratio Lower Upper
146 100
111 39.6 19.8 59.4
148 65.0 31.6 94.8

Manual Integrations

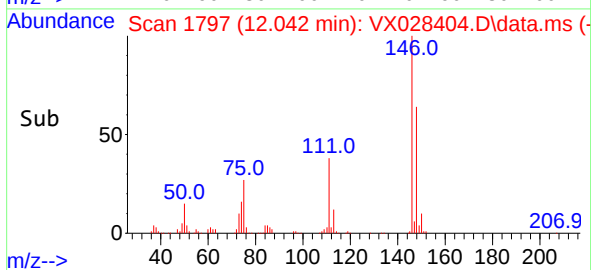
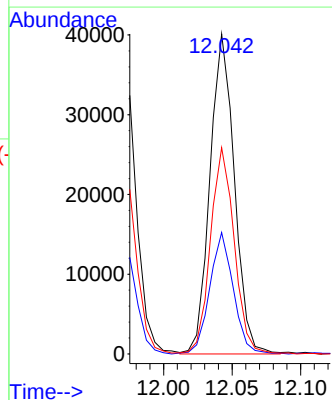
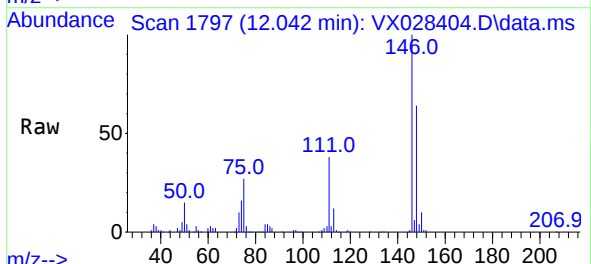
APPROVED

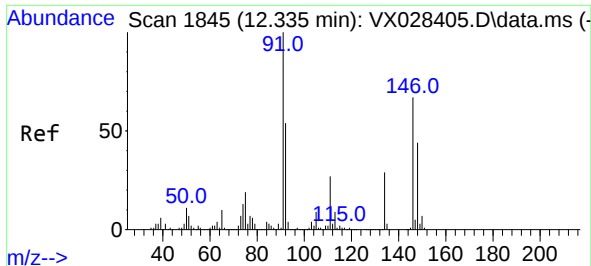
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#84
1,4-Dichlorobenzene
Concen: 4.945 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion:146 Resp: 49685
Ion Ratio Lower Upper
146 100
111 36.7 19.2 57.6
148 63.0 32.3 96.8





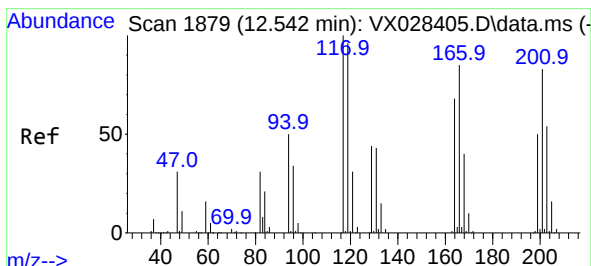
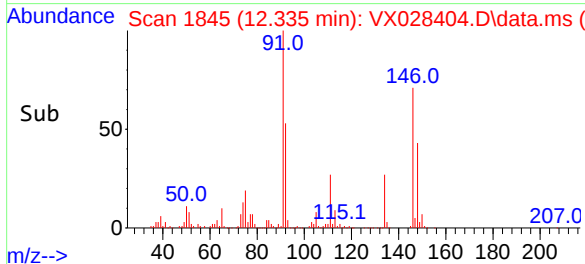
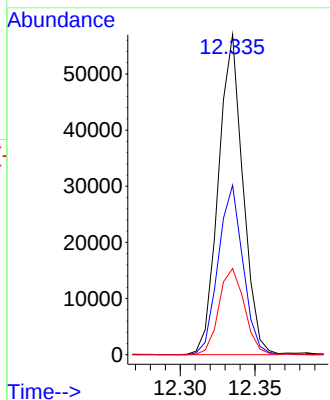
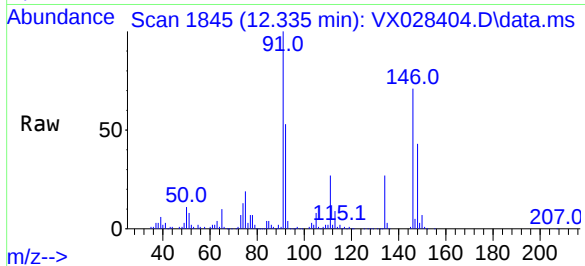
#85
n-Butylbenzene
Concen: 4.253 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 65110
Ion Ratio Lower Upper
91 100
92 53.4 0.0 109.4
134 28.0 0.0 56.4

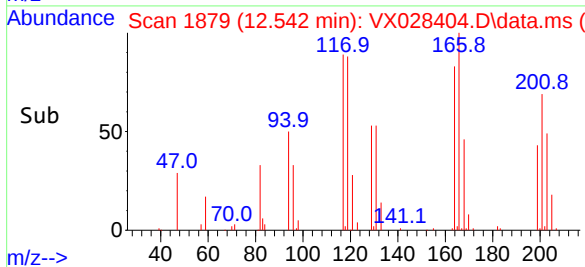
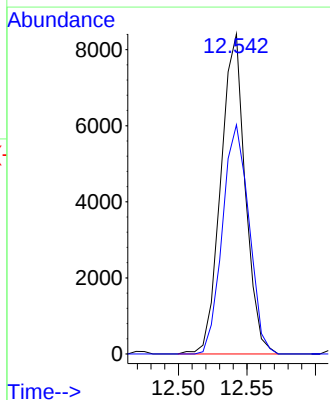
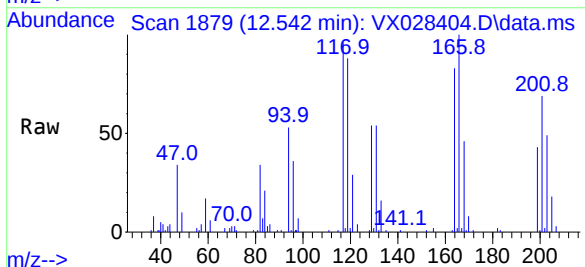
Manual Integrations
APPROVED

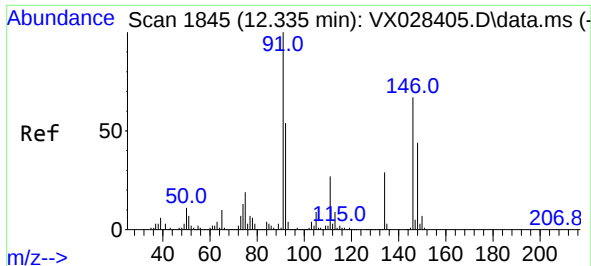
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#86
Hexachloroethane
Concen: 3.587 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

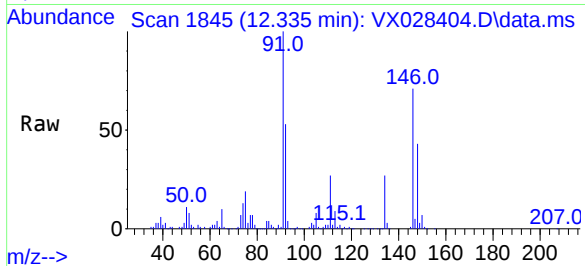
Tgt Ion:117 Resp: 10448
Ion Ratio Lower Upper
117 100
201 77.7 39.5 118.5





#87
1,2-Dichlorobenzene
Concen: 5.172 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

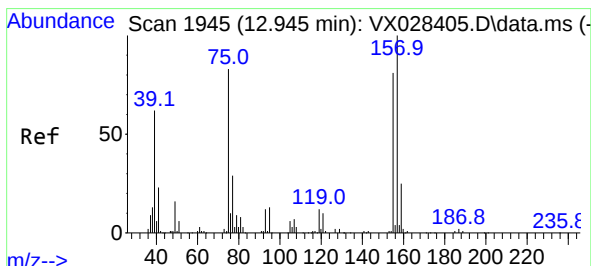
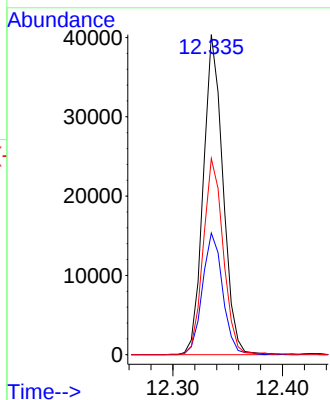
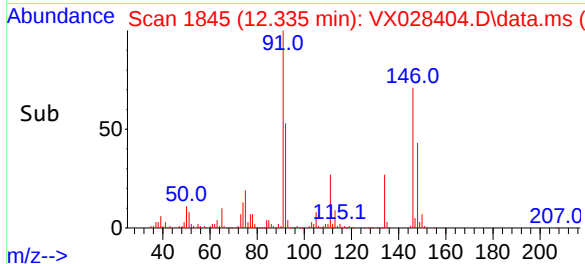
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



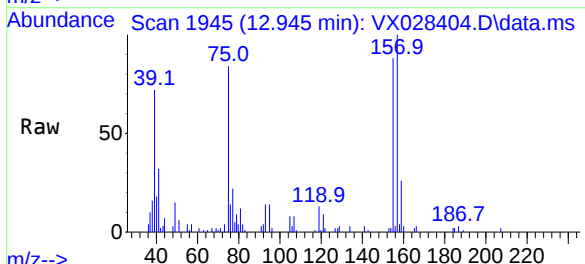
Tgt Ion:146 Resp: 50250
Ion Ratio Lower Upper
146 100
111 39.3 21.1 63.3
148 62.3 31.4 94.2

Manual Integrations
APPROVED

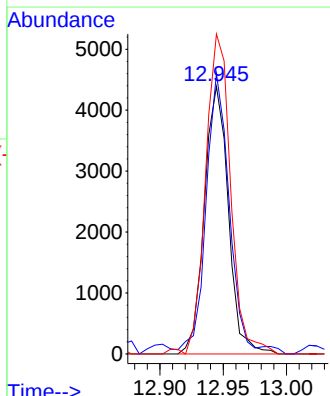
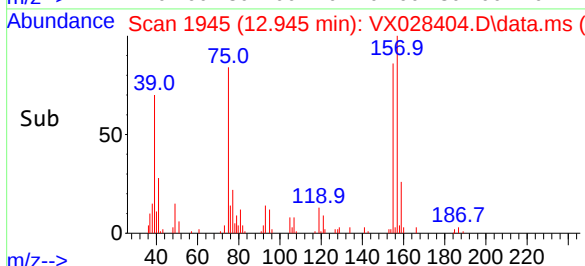
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

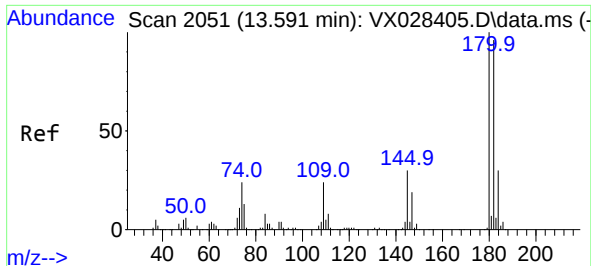


#88
1,2-Dibromo-3-Chloropropane
Concen: 3.909 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45



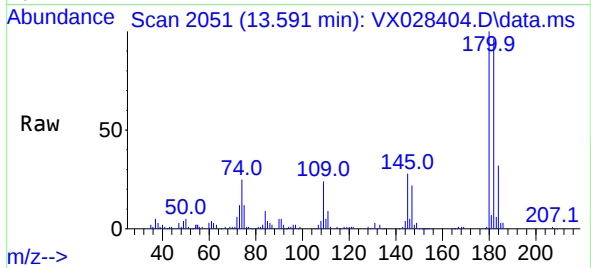
Tgt Ion: 75 Resp: 5801
Ion Ratio Lower Upper
75 100
155 100.5 74.3 111.5
157 124.1 97.3 145.9





#89
1,2,4-Trichlorobenzene
Concen: 4.788 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

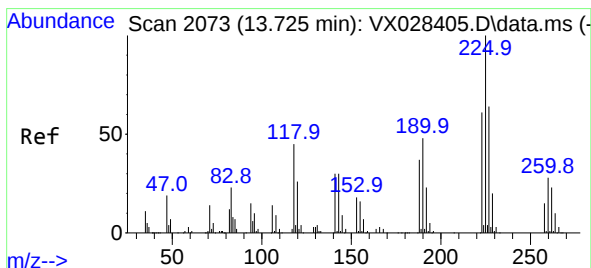
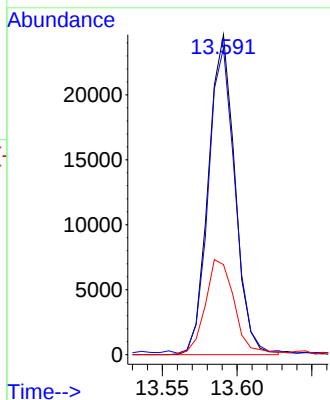
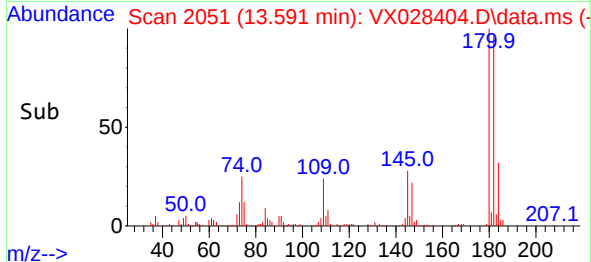
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:180 Resp: 30380
Ion Ratio Lower Upper
180 100
182 97.3 77.4 116.2
145 32.9 24.2 36.4

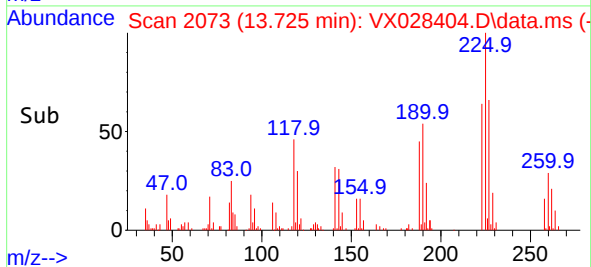
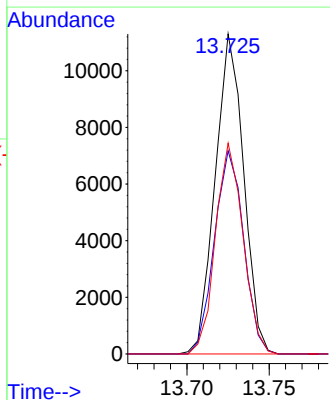
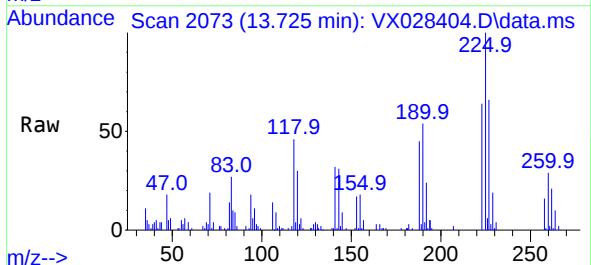
Manual Integrations
APPROVED

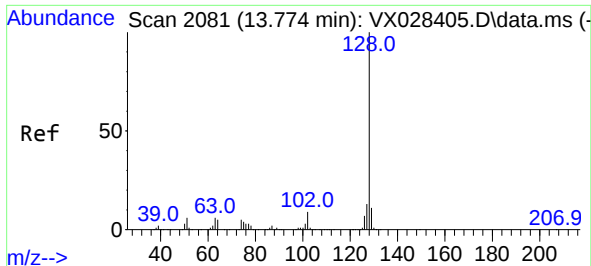
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#90
Hexachlorobutadiene
Concen: 5.115 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

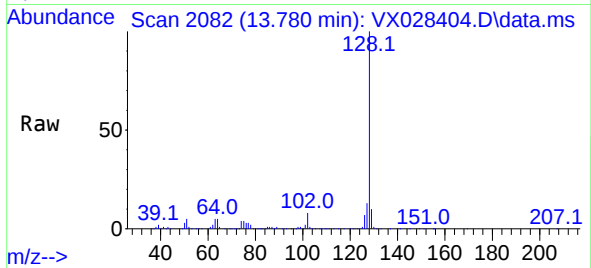
Tgt Ion:225 Resp: 13614
Ion Ratio Lower Upper
225 100
223 65.1 0.0 126.0
227 63.7 0.0 125.0





#91
Naphthalene
Concen: 5.039 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

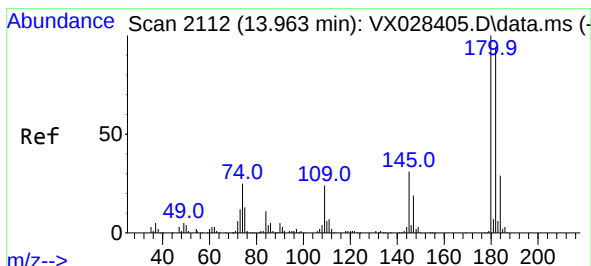
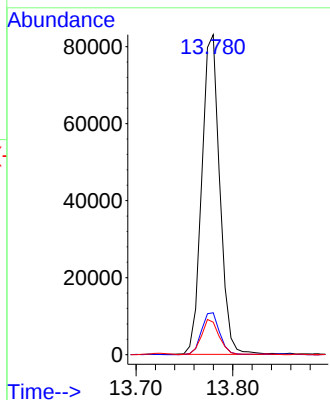
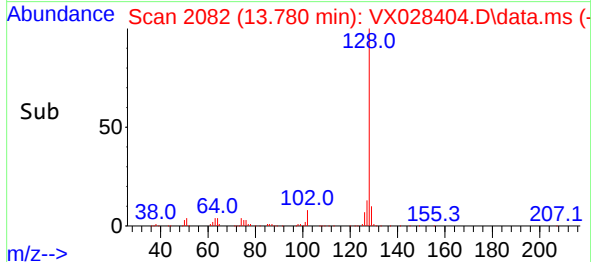
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 107608
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#92
1,2,3-Trichlorobenzene
Concen: 4.837 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028404.D
Acq: 28 Apr 2022 16:45

Tgt Ion:180 Resp: 30756
Ion Ratio Lower Upper
180 100
182 94.0 0.0 189.4
145 32.7 0.0 67.2

