

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028775.D
 Acq On : 17 May 2022 21:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 04:56:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	231634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163947	51.634	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.260%			
35) Dibromofluoromethane	5.385	113	135857	52.272	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.540%			
50) Toluene-d8	8.653	98	533283	54.423	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.840%			
62) 4-Bromofluorobenzene	11.079	95	217800	59.510	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	143682	47.373	ug/l	100
3) Chloromethane	1.288	50	132252	46.301	ug/l	99
4) Vinyl Chloride	1.374	62	144551	46.959	ug/l	100
5) Bromomethane	1.599	94	90127	40.335	ug/l	100
6) Chloroethane	1.679	64	94210	48.521	ug/l	97
7) Trichlorofluoromethane	1.886	101	233231	47.524	ug/l	97
8) Diethyl Ether	2.130	74	91094	50.941	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	119181	46.148	ug/l	97
10) Methyl Iodide	2.453	142	153278	49.574	ug/l	93
11) Tert butyl alcohol	2.965	59	166230	246.582	ug/l	100
12) 1,1-Dichloroethene	2.319	96	117986	49.216	ug/l	99
13) Acrolein	2.233	56	109397	209.908	ug/l	98
14) Allyl chloride	2.666	41	189794	49.362	ug/l	90
15) Acrylonitrile	3.062	53	375916	245.728	ug/l	99
16) Acetone	2.380	43	324218	237.922	ug/l	92
17) Carbon Disulfide	2.508	76	295351	47.527	ug/l	99
18) Methyl Acetate	2.703	43	171167	50.151	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	441169	51.858	ug/l	99
20) Methylene Chloride	2.788	84	135234	47.303	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	129144	47.825	ug/l	99
22) Diisopropyl ether	3.764	45	408055	49.662	ug/l	93
23) Vinyl Acetate	3.721	43	1802419	254.458	ug/l	96
24) 1,1-Dichloroethane	3.611	63	235661	49.335	ug/l	99
25) 2-Butanone	4.556	43	519227	242.743	ug/l	96
26) 2,2-Dichloropropane	4.477	77	166085	44.345	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	151085	47.905	ug/l	99
28) Bromochloromethane	4.904	49	96737	48.113	ug/l	95
29) Tetrahydrofuran	5.007	42	332592	239.209	ug/l	94
30) Chloroform	5.099	83	253115	48.961	ug/l	100
31) Cyclohexane	5.471	56	205640	46.659	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	225920	50.058	ug/l	99
36) 1,1-Dichloropropene	5.690	75	181034	46.375	ug/l	99
37) Ethyl Acetate	4.715	43	202616	49.693	ug/l	97
38) Carbon Tetrachloride	5.678	117	193161	49.168	ug/l	99
39) Methylcyclohexane	7.385	83	211825	47.316	ug/l	94
40) Benzene	6.037	78	536061	47.781	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	106864	48.882	ug/l	94
42) 1,2-Dichloroethane	6.092	62	200652	48.487	ug/l	98
43) Isopropyl Acetate	6.342	43	323736	50.752	ug/l	95
44) Trichloroethene	7.129	130	146907	48.282	ug/l	95
45) 1,2-Dichloropropane	7.434	63	136900	48.908	ug/l	97
46) Dibromomethane	7.580	93	101865	48.730	ug/l	93
47) Bromodichloromethane	7.824	83	194153	50.027	ug/l	98
48) Methyl methacrylate	7.696	41	155859	50.581	ug/l	86
49) 1,4-Dioxane	7.659	88	67915	882.248	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1103307	262.590	ug/l	94
52) Toluene	8.720	92	346646	48.032	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	204876	45.996	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	219884	50.352	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	143869	48.887	ug/l	97
56) Ethyl methacrylate	9.116	69	231226	51.885	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	241246	48.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	559370	256.374	ug/l	99
59) 2-Hexanone	9.433	43	814340	249.463	ug/l	91
60) Dibromochloromethane	9.525	129	150421	52.410	ug/l	96
61) 1,2-Dibromoethane	9.610	107	155454	50.294	ug/l	100
64) Tetrachloroethene	9.275	164	133564	48.270	ug/l	96
65) Chlorobenzene	10.079	112	380626	48.966	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	141133	51.254	ug/l	99
67) Ethyl Benzene	10.195	91	682740	49.002	ug/l	99
68) m/p-Xylenes	10.305	106	530052	97.716	ug/l	99
69) o-Xylene	10.646	106	264163	49.463	ug/l	100
70) Styrene	10.659	104	444531	51.255	ug/l	98
71) Bromoform	10.799	173	109232	47.948	ug/l #	99
73) Isopropylbenzene	10.963	105	747822	52.386	ug/l	98
74) N-amyl acetate	10.841	43	310810	55.388	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	253910	51.847	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	239830m	54.403	ug/l	
77) Bromobenzene	11.201	156	181692	53.792	ug/l	94
78) n-propylbenzene	11.305	91	864825	52.374	ug/l	100
79) 2-Chlorotoluene	11.366	91	517826	51.165	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	597888	50.264	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69302	47.138	ug/l #	85
82) 4-Chlorotoluene	11.457	91	560597	47.914	ug/l	99
83) tert-Butylbenzene	11.713	119	572633	49.722	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	581224	48.728	ug/l	100
85) sec-Butylbenzene	11.890	105	697548	49.102	ug/l	100
86) p-Isopropyltoluene	12.012	119	587798	49.310	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	316693	47.802	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	317147	46.152	ug/l	98
89) n-Butylbenzene	12.335	91	499652	48.376	ug/l	98
90) Hexachloroethane	12.542	117	98908	51.308	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	314116	48.264	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52417	50.126	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	180815	48.102	ug/l	99
94) Hexachlorobutadiene	13.725	225	72018	47.160	ug/l	94
95) Naphthalene	13.774	128	679119	50.770	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	182224	48.266	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

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

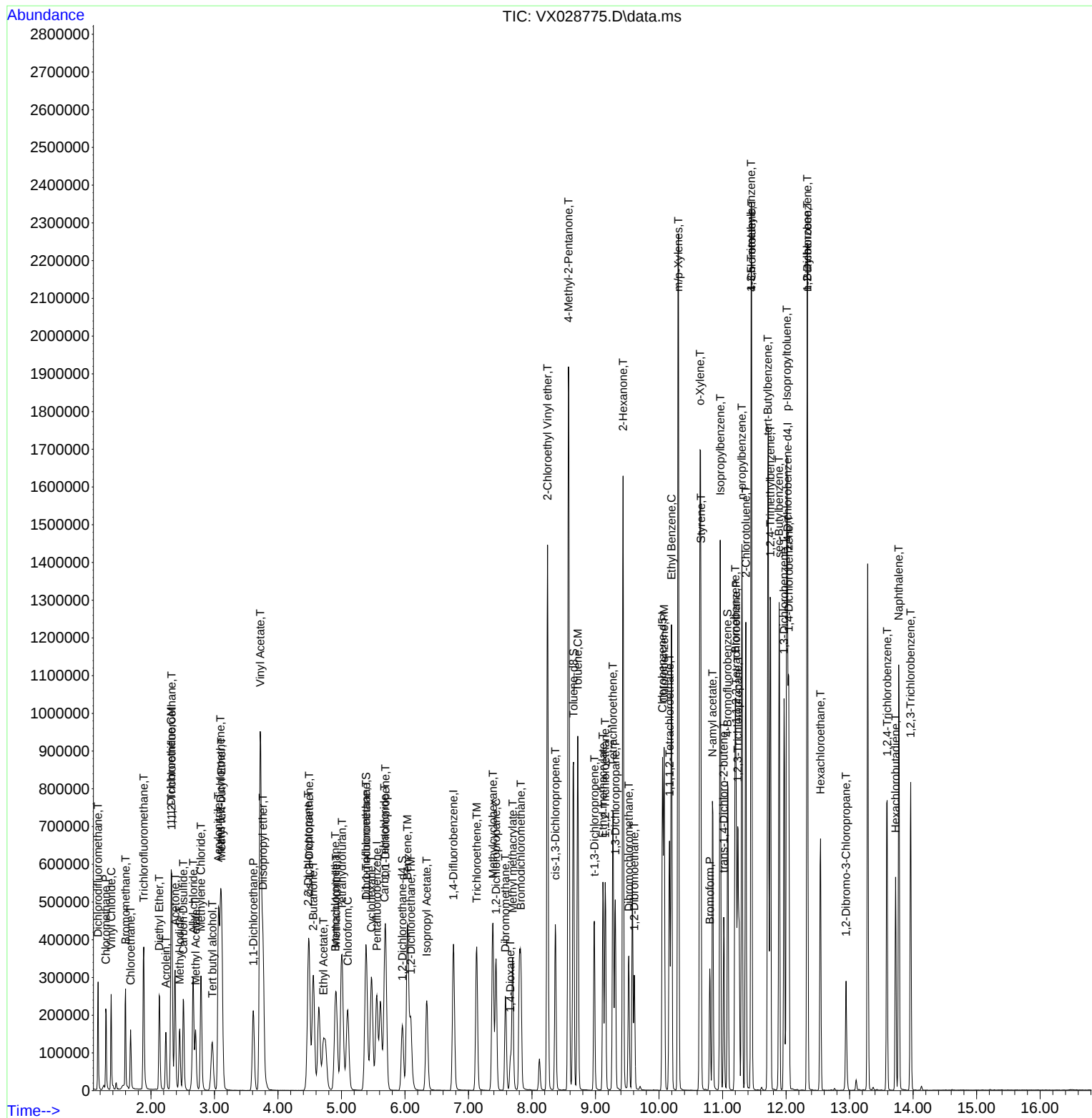
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
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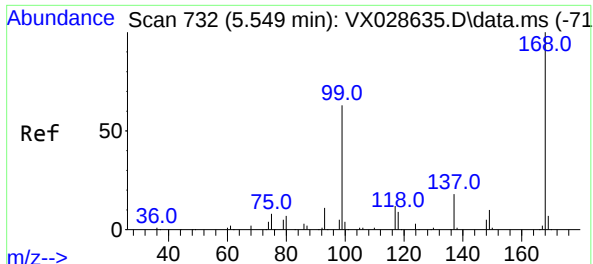
Instrument :
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Manual Integrations APPROVED

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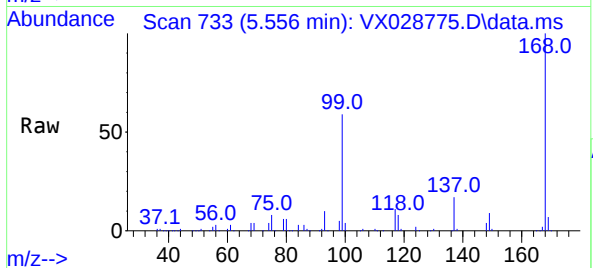
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

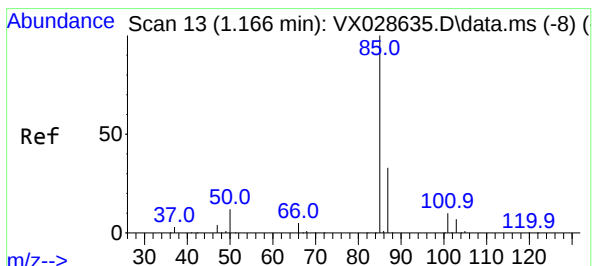
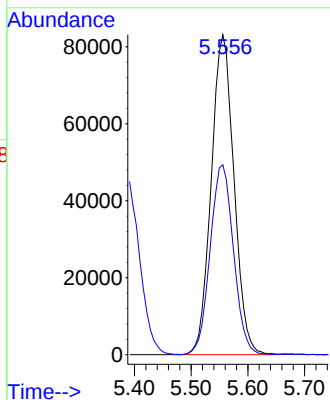
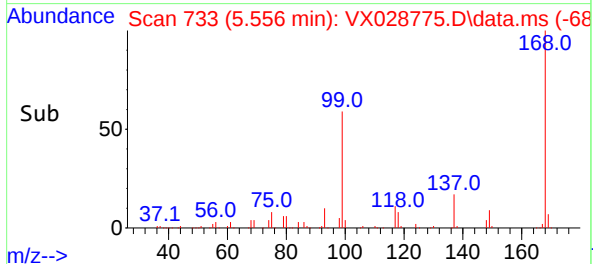
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



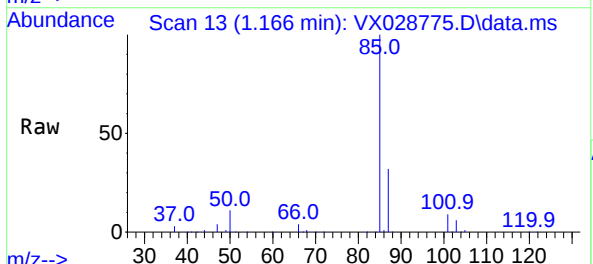
Tgt Ion:168 Resp: 231634
Ion Ratio Lower Upper
168 100
99 59.3 41.7 62.5

Manual Integrations
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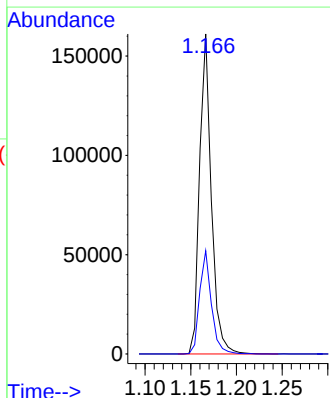
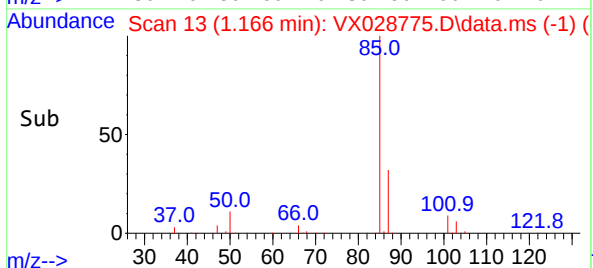
Reviewed By :John Carlone 05/18/2022
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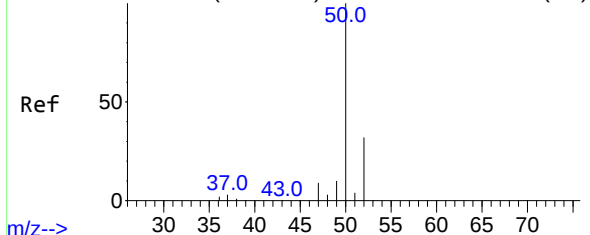
#2
Dichlorodifluoromethane
Concen: 47.373 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion: 85 Resp: 143682
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6



Abundance Scan 34 (1.294 min): VX028635.D\data.ms (-25)



#3

Chloromethane

Concen: 46.301 ug/l

RT: 1.288 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 13225

Ion Ratio Lower Upper

50 100

52 32.4 26.4 39.6

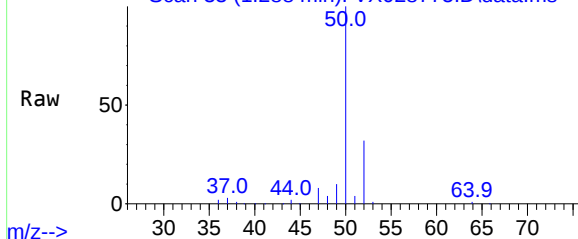
Manual Integrations

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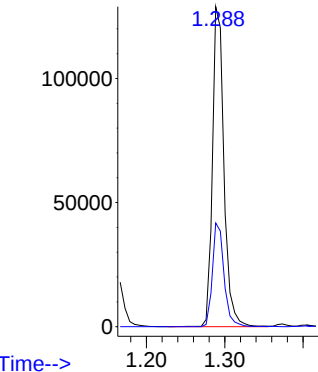
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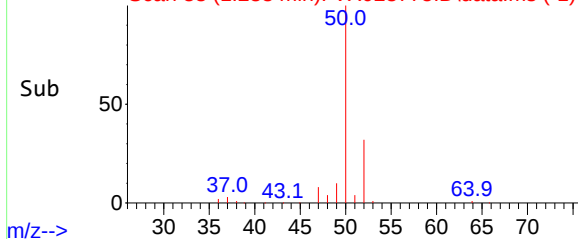
Abundance Scan 33 (1.288 min): VX028775.D\data.ms



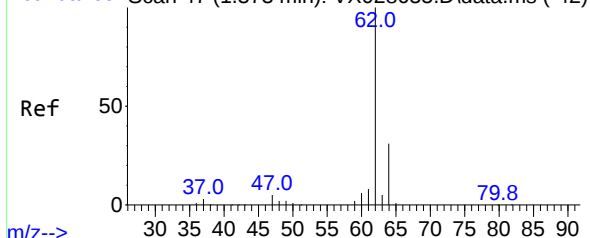
Abundance



Abundance Scan 33 (1.288 min): VX028775.D\data.ms (-1)



Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 46.959 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

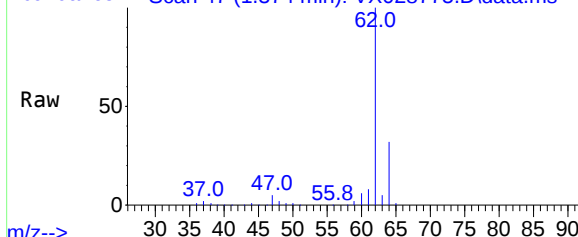
Tgt Ion: 62 Resp: 144551

Ion Ratio Lower Upper

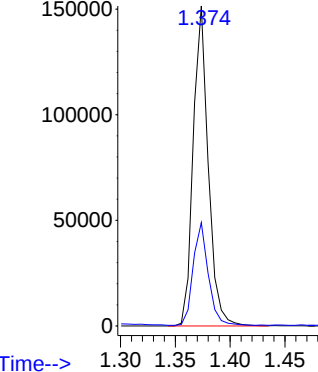
62 100

64 32.1 25.5 38.3

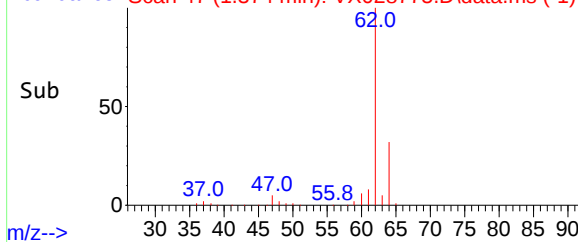
Abundance Scan 47 (1.374 min): VX028775.D\data.ms



Abundance



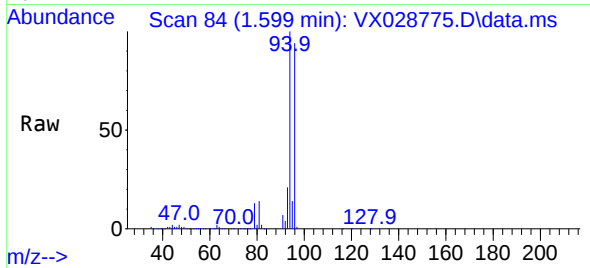
Abundance Scan 47 (1.374 min): VX028775.D\data.ms (-1)





#5
Bromomethane
Concen: 40.335 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028775.D
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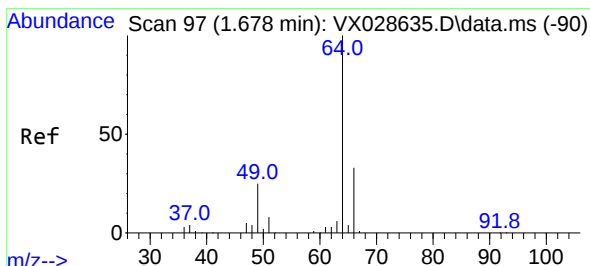
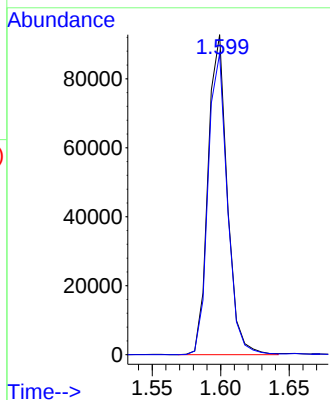
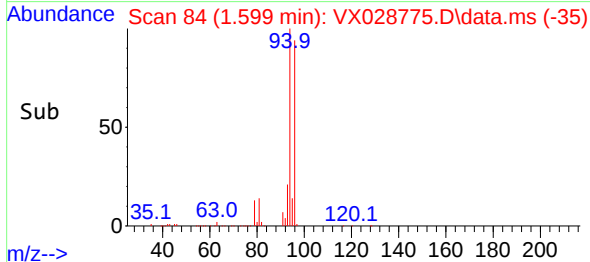
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Tgt Ion: 94 Resp: 9012
Ion Ratio Lower Upper
94 100
96 94.2 75.3 112.9

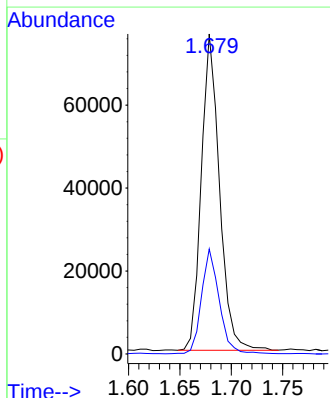
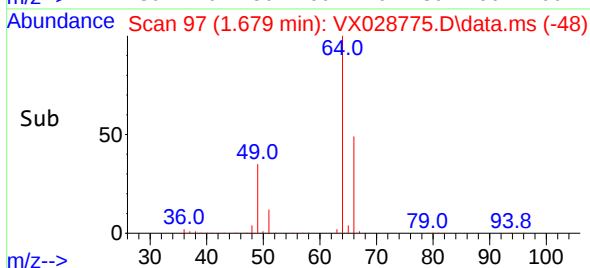
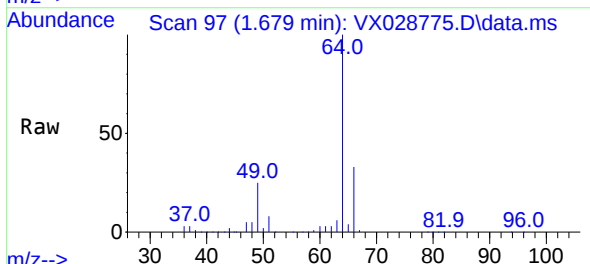
Manual Integrations
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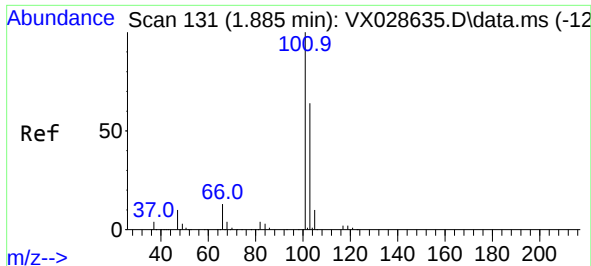
Reviewed By :John Carlone 05/18/2022
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#6
Chloroethane
Concen: 48.521 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

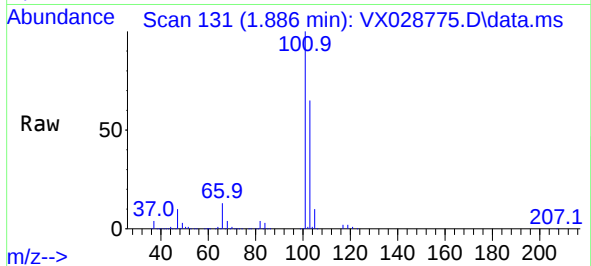
Tgt Ion: 64 Resp: 94210
Ion Ratio Lower Upper
64 100
66 33.1 25.3 37.9





#7
Trichlorofluoromethane
Concen: 47.524 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

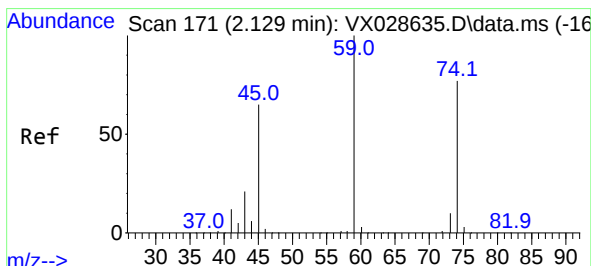
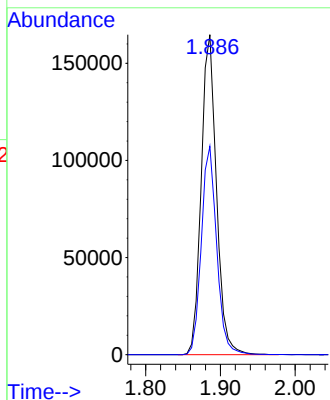
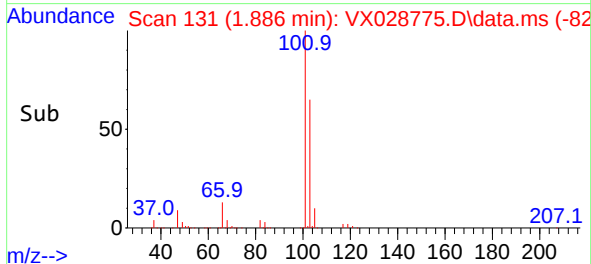
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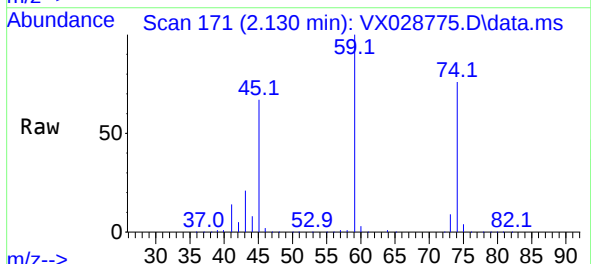
Tgt Ion:101 Resp: 23323
Ion Ratio Lower Upper
101 100
103 65.1 50.5 75.7

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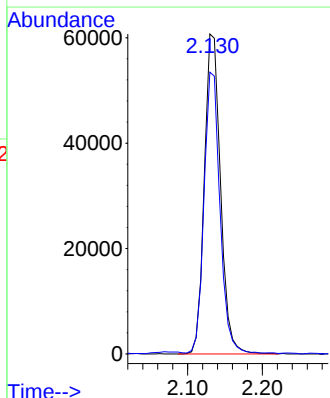
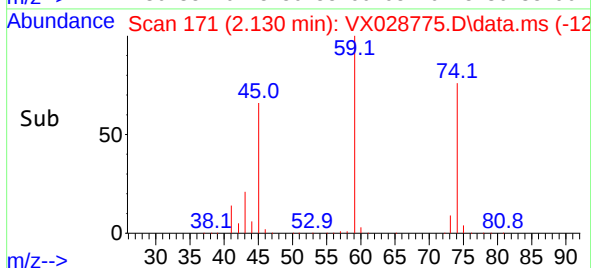
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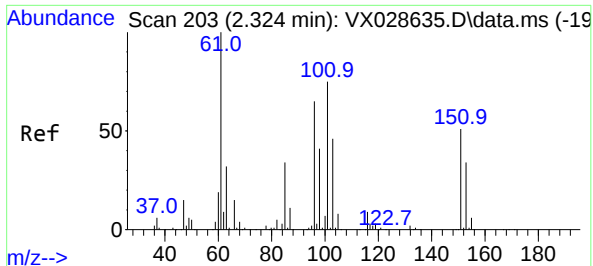


#8
Diethyl Ether
Concen: 50.941 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion: 74 Resp: 91094
Ion Ratio Lower Upper
74 100
45 86.8 42.0 126.0





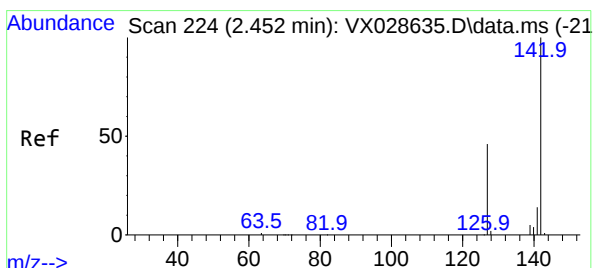
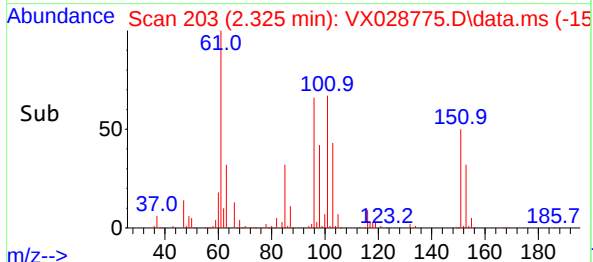
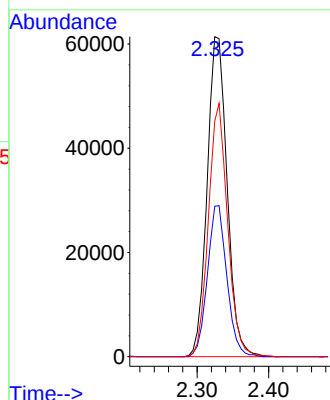
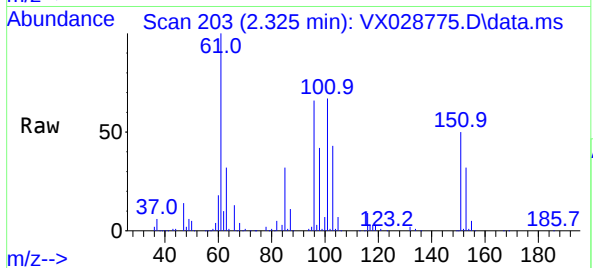
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.148 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11918
Ion Ratio Lower Upper
101 100
85 46.0 33.5 50.3
151 76.1 61.8 92.6

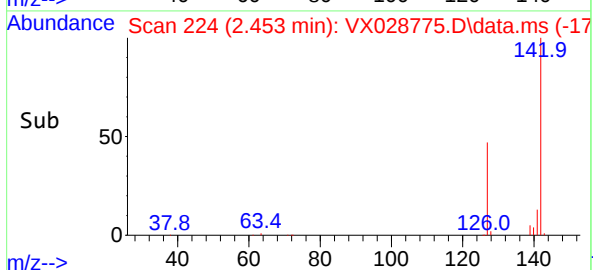
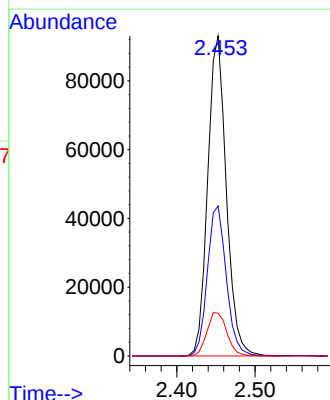
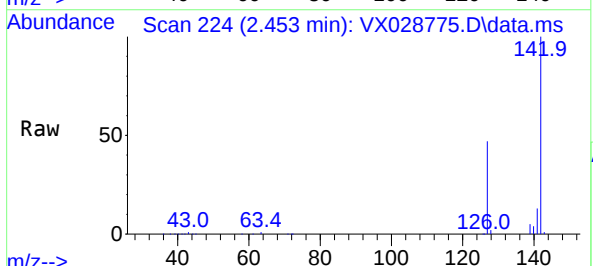
Manual Integrations
APPROVED

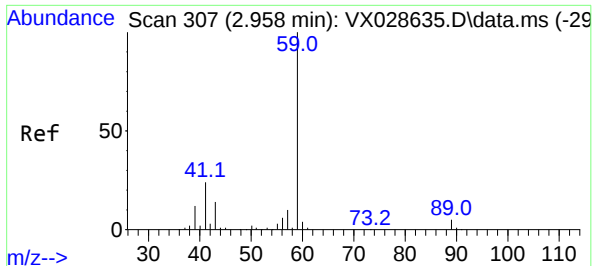
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
Methyl Iodide
Concen: 49.574 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

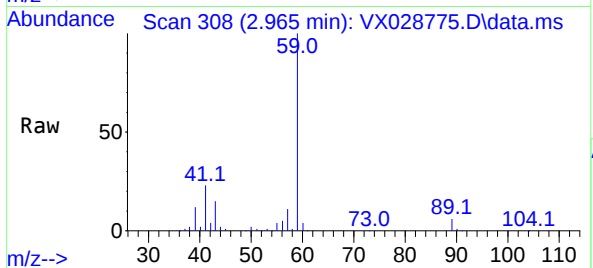
Tgt Ion:142 Resp: 153278
Ion Ratio Lower Upper
142 100
127 47.8 33.9 50.9
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 246.582 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.007 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

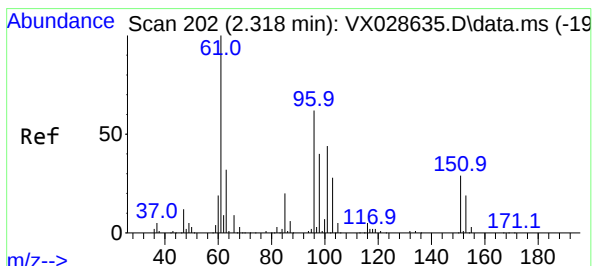
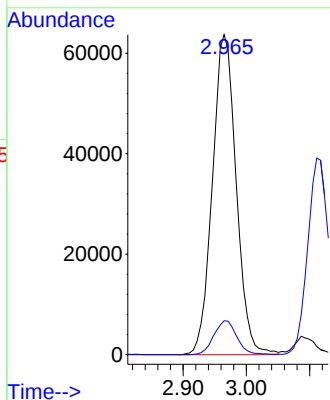
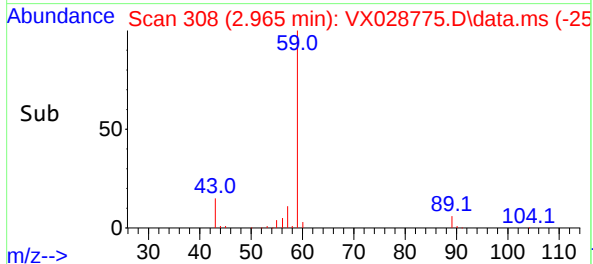
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



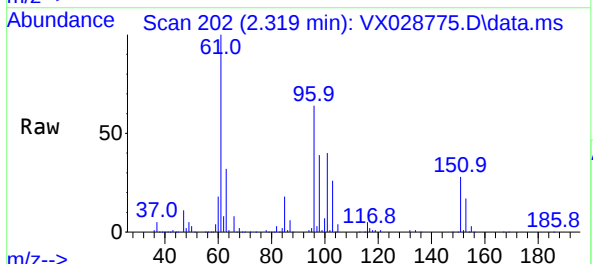
Tgt Ion: 59 Resp: 166230
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

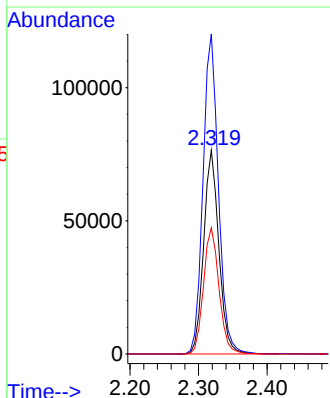
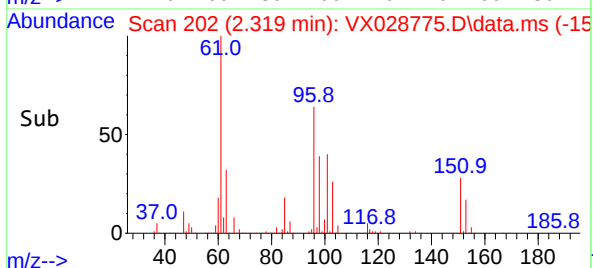
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

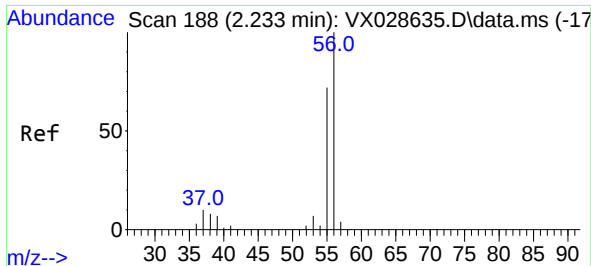


#12
1,1-Dichloroethene
Concen: 49.216 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



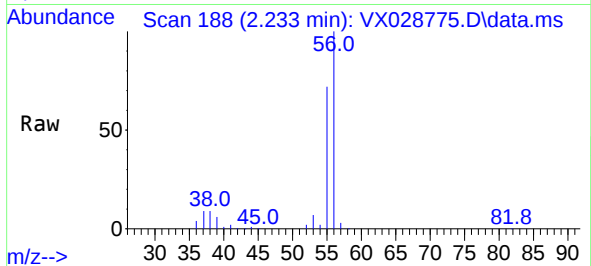
Tgt Ion: 96 Resp: 117986
Ion Ratio Lower Upper
96 100
61 156.9 124.6 187.0
98 61.9 51.0 76.4





#13
Acrolein
Concen: 209.908 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

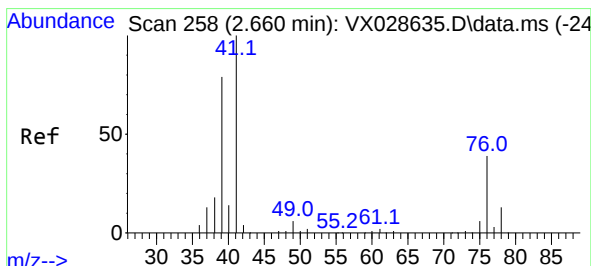
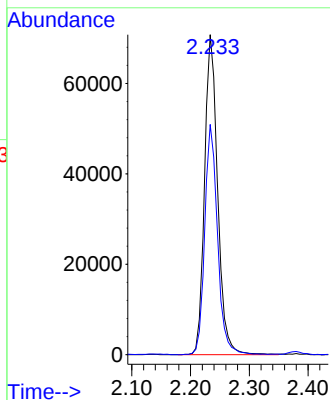
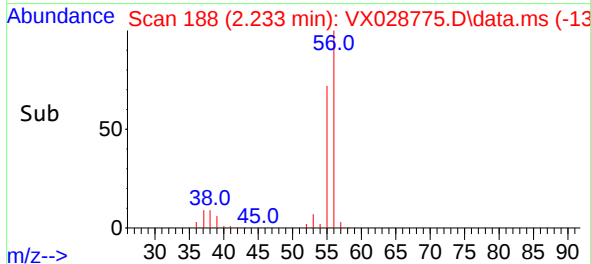
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



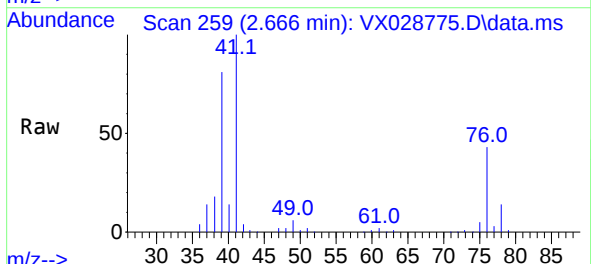
Tgt Ion: 56 Resp: 109397
Ion Ratio Lower Upper
56 100
55 70.8 55.0 82.6

Manual Integrations
APPROVED

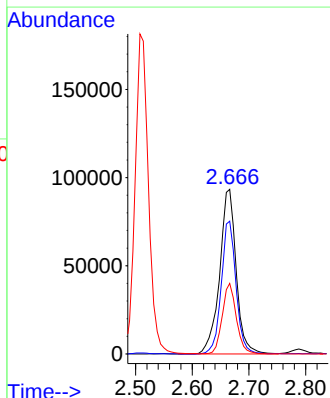
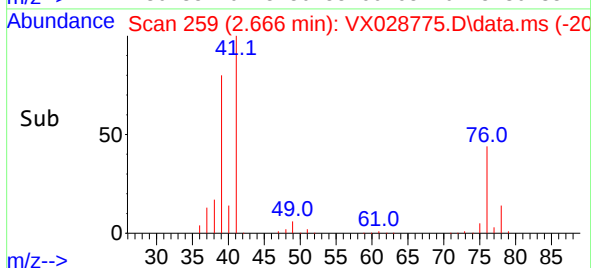
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#14
Allyl chloride
Concen: 49.362 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



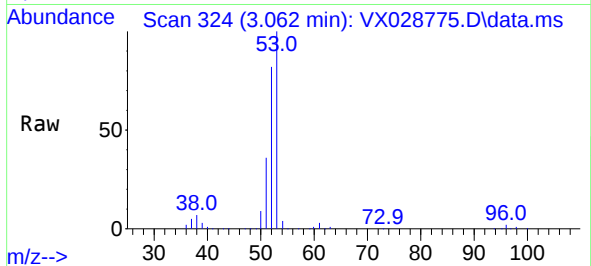
Tgt Ion: 41 Resp: 189794
Ion Ratio Lower Upper
41 100
39 71.7 50.4 75.6
76 36.3 32.7 49.1





#15
Acrylonitrile
Concen: 245.728 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

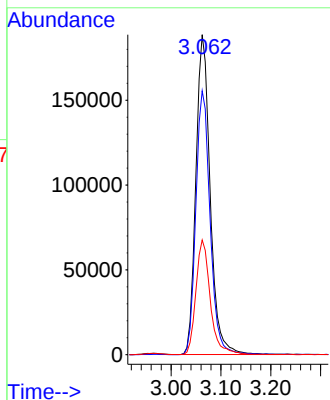
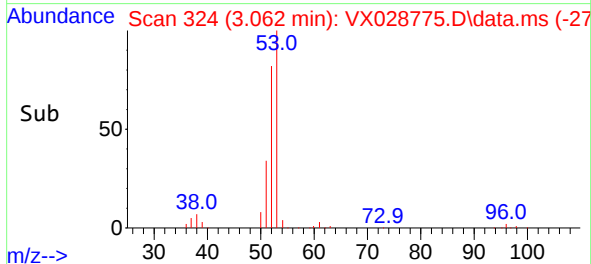
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



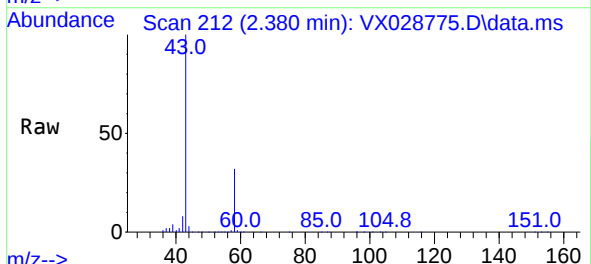
Tgt Ion: 53 Resp: 375910
Ion Ratio Lower Upper
53 100
52 82.4 65.7 98.5
51 36.1 28.4 42.6

Manual Integrations
APPROVED

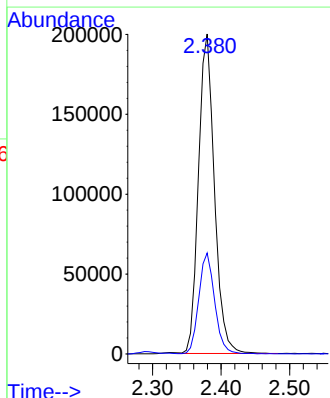
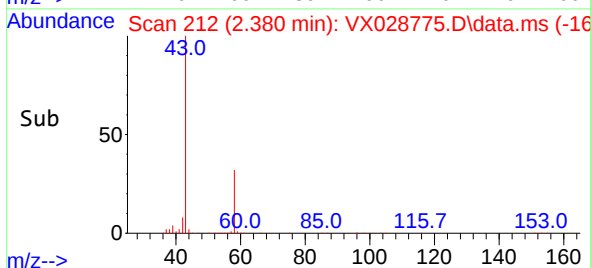
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

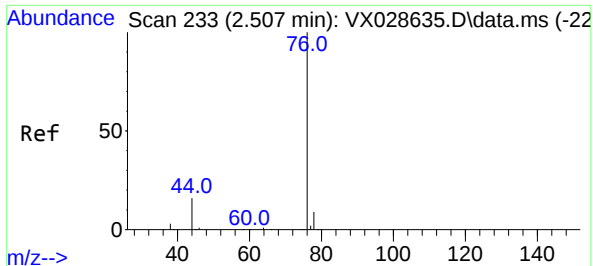


#16
Acetone
Concen: 237.922 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



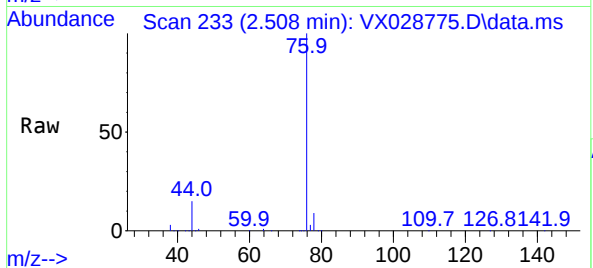
Tgt Ion: 43 Resp: 324218
Ion Ratio Lower Upper
43 100
58 31.5 28.8 43.2





#17
Carbon Disulfide
Concen: 47.527 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

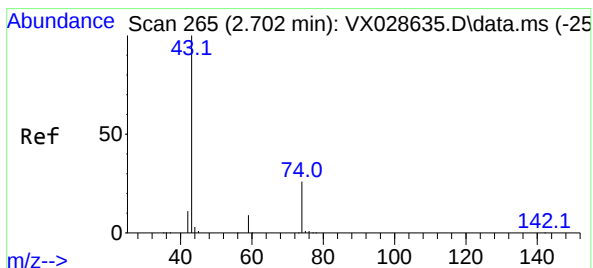
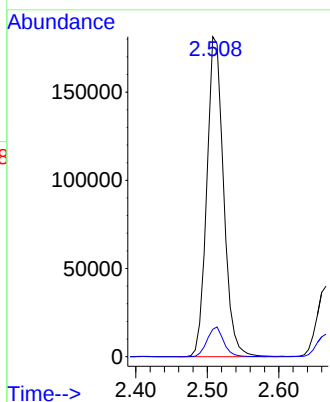
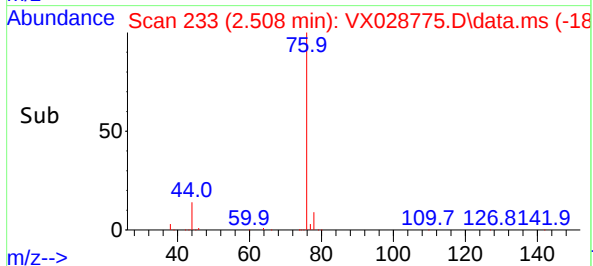
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



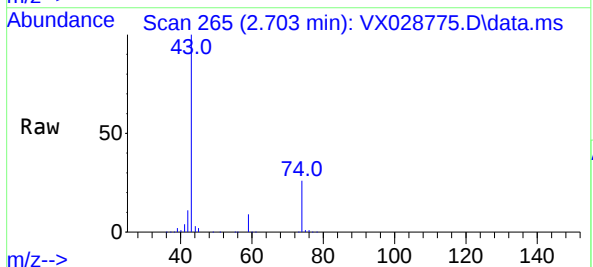
Tgt Ion: 76 Resp: 29535
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

Manual Integrations
APPROVED

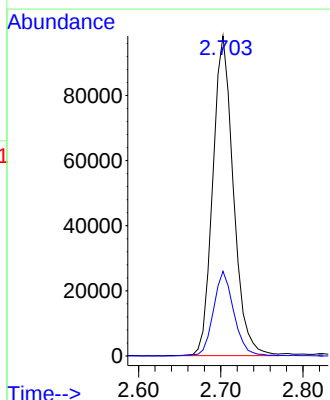
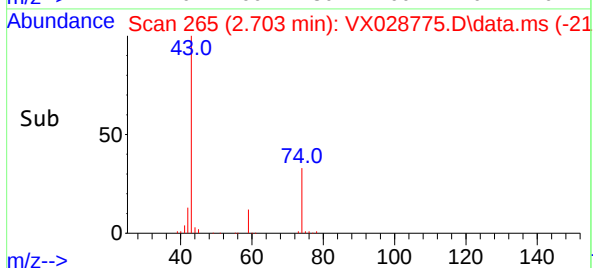
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#18
Methyl Acetate
Concen: 50.151 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



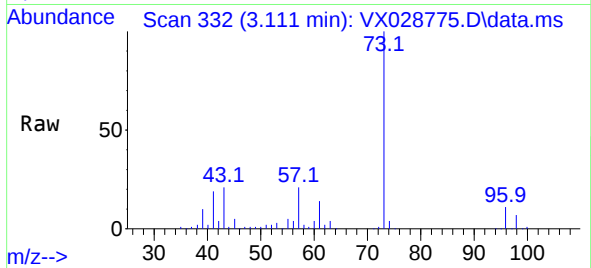
Tgt Ion: 43 Resp: 171167
Ion Ratio Lower Upper
43 100
74 26.3 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 51.858 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

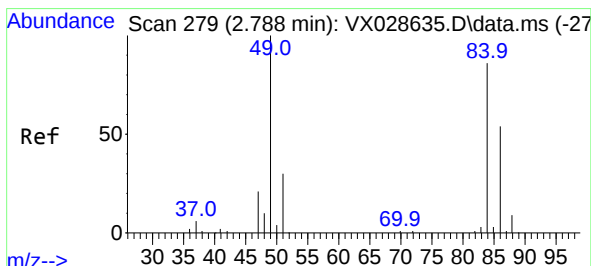
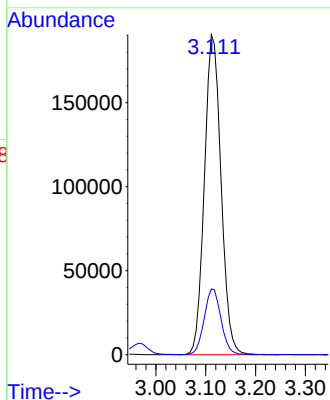
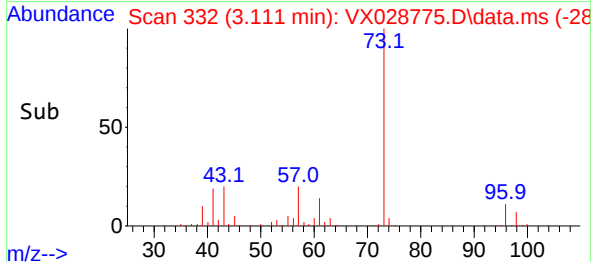
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



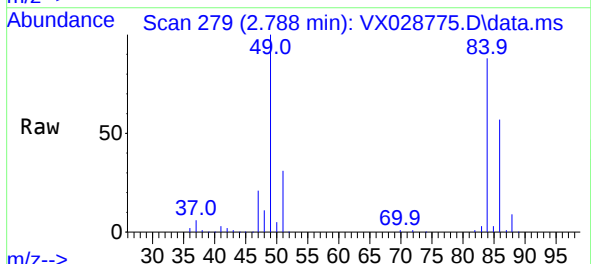
Tgt Ion: 73 Resp: 441169
Ion Ratio Lower Upper
73 100
57 20.5 16.8 25.2

Manual Integrations
APPROVED

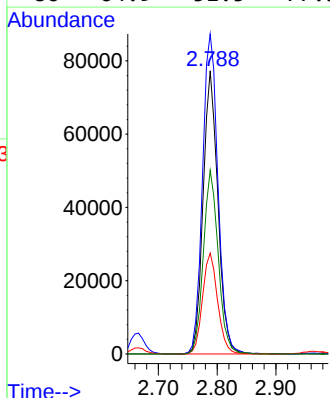
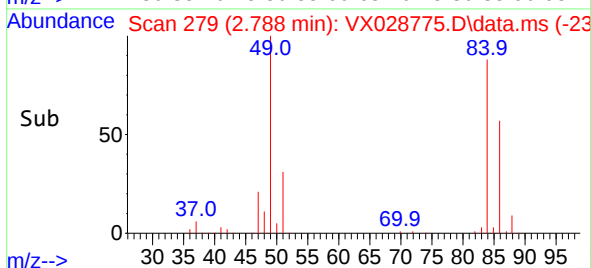
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

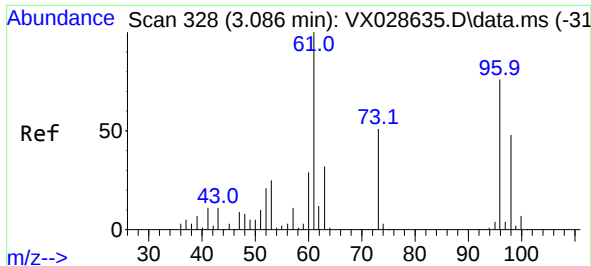


#20
Methylene Chloride
Concen: 47.303 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



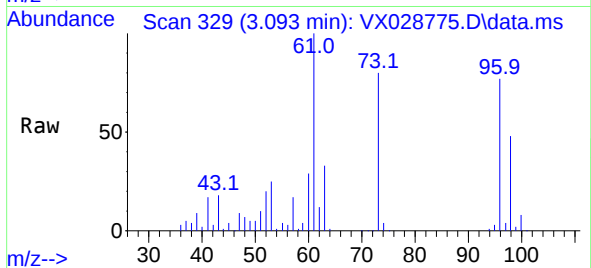
Tgt Ion: 84 Resp: 135234
Ion Ratio Lower Upper
84 100
49 113.0 85.5 128.3
51 35.6 26.6 39.8
86 64.9 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 47.825 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

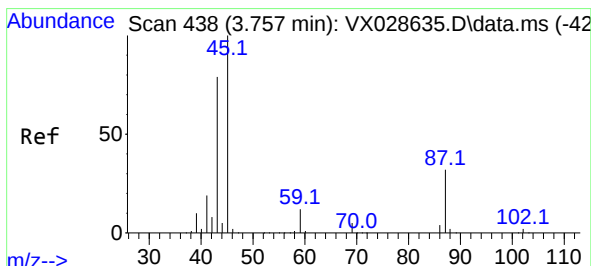
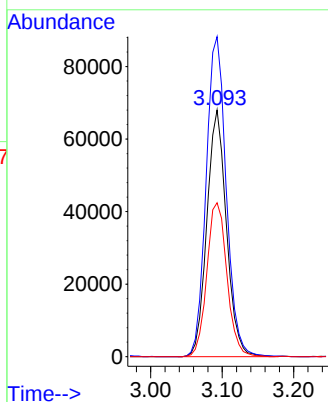
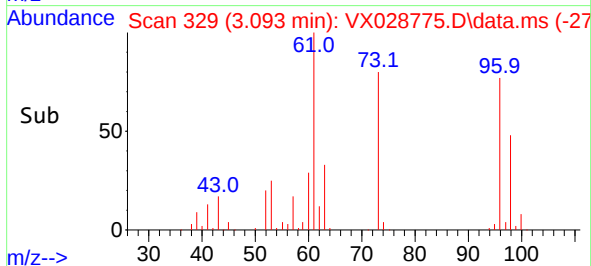
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



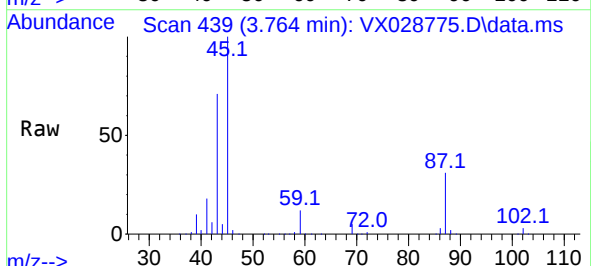
Tgt Ion: 96 Resp: 129144
Ion Ratio Lower Upper
96 100
61 129.7 105.4 158.2
98 62.4 50.0 75.0

Manual Integrations
APPROVED

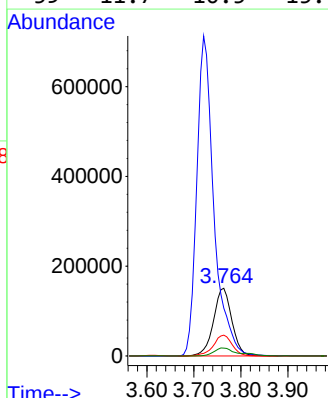
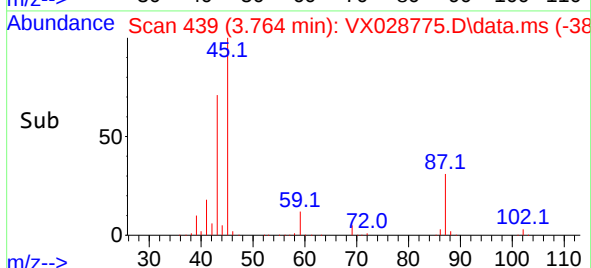
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

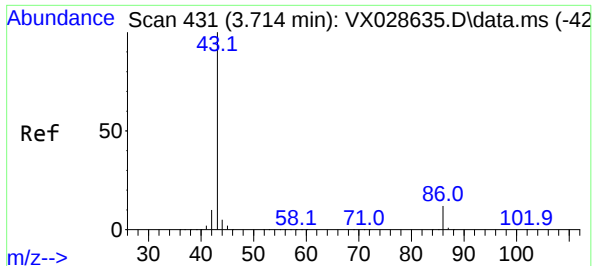


#22
Diisopropyl ether
Concen: 49.662 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



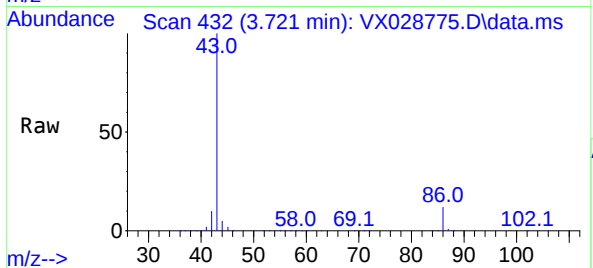
Tgt Ion: 45 Resp: 408055
Ion Ratio Lower Upper
45 100
43 70.8 50.8 76.2
87 30.8 26.6 39.8
59 11.7 10.5 15.7





#23
 Vinyl Acetate
 Concen: 254.458 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028775.D
 Acq: 17 May 2022 21:56

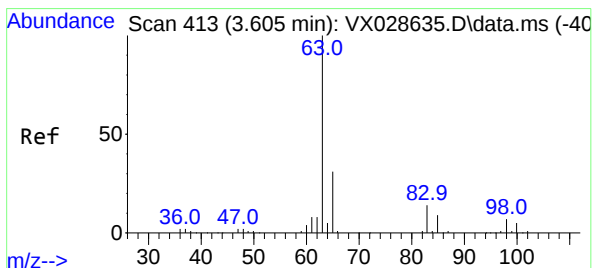
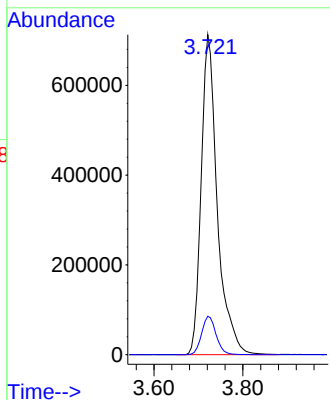
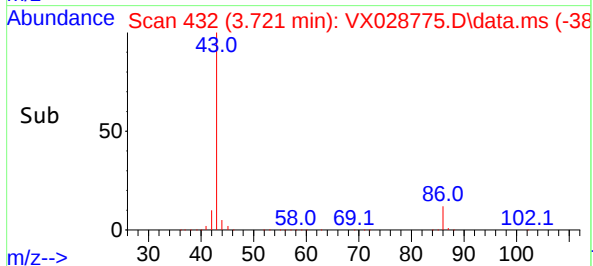
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



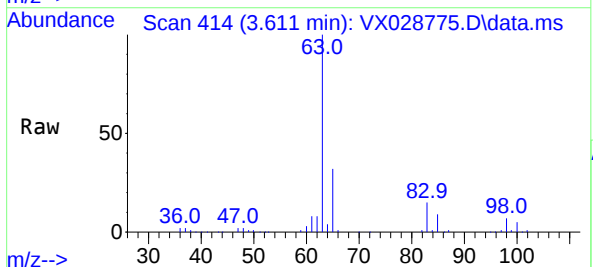
Tgt Ion: 43 Resp: 1802419
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.8 16.2

Manual Integrations
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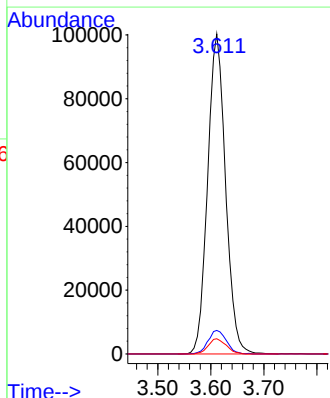
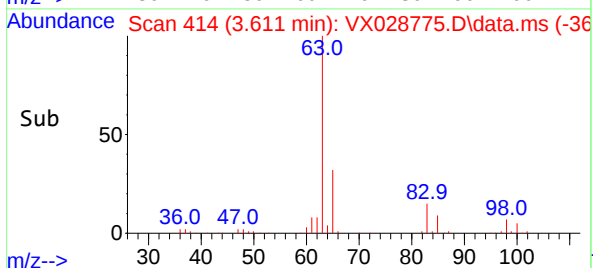
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#24
 1,1-Dichloroethane
 Concen: 49.335 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028775.D
 Acq: 17 May 2022 21:56



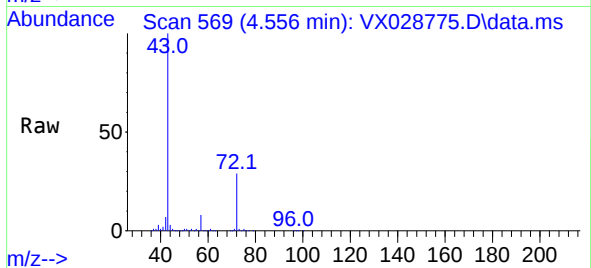
Tgt Ion: 63 Resp: 235661
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 242.743 ug/l
RT: 4.556 min Scan# 51922
Delta R.T. 0.006 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

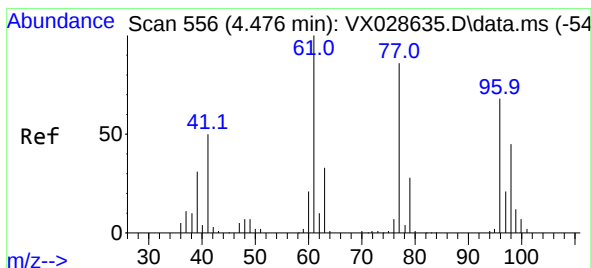
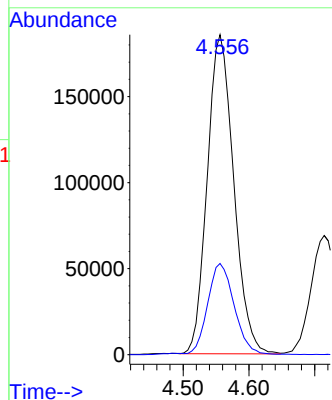
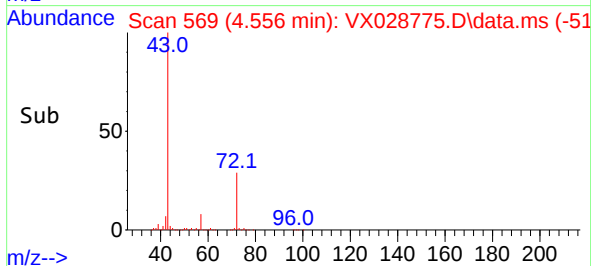
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



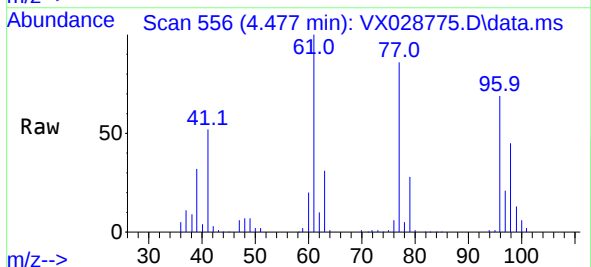
Tgt Ion: 43 Resp: 51922
Ion Ratio Lower Upper
43 100
72 28.5 24.4 36.6

Manual Integrations
APPROVED

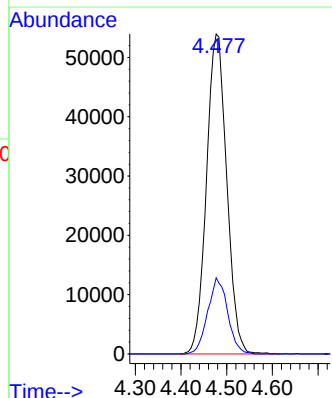
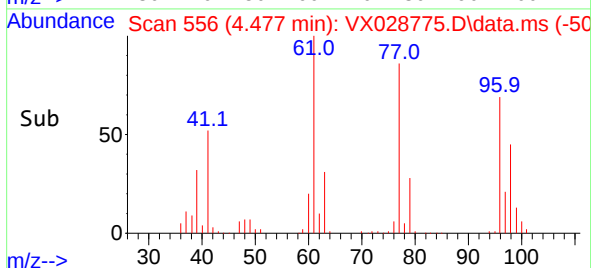
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#26
2,2-Dichloropropane
Concen: 44.345 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion: 77 Resp: 166085
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 47.905 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

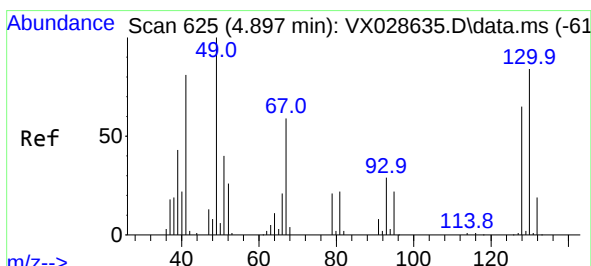
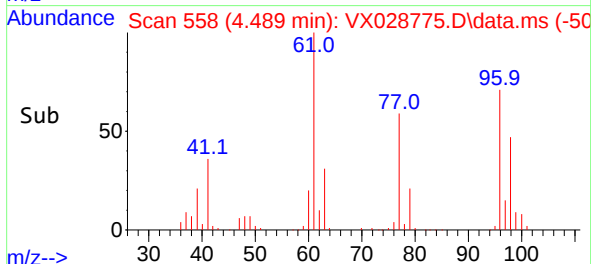
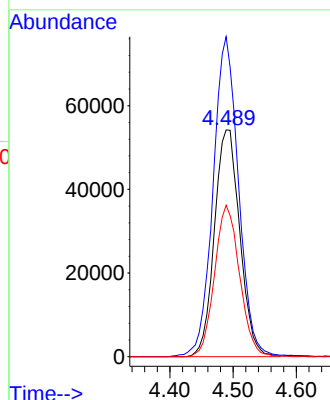
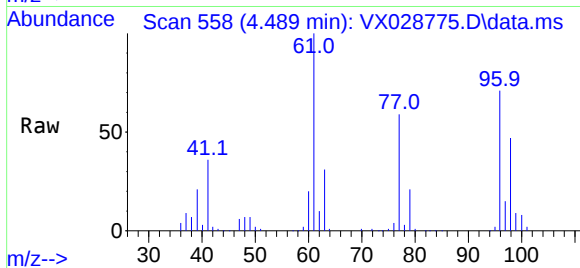
VSTDCCC050EC

Tgt Ion: 96 Resp: 15108
Ion Ratio Lower Upper
96 100
61 141.5 0.0 283.8
98 65.7 0.0 129.8

Manual Integrations

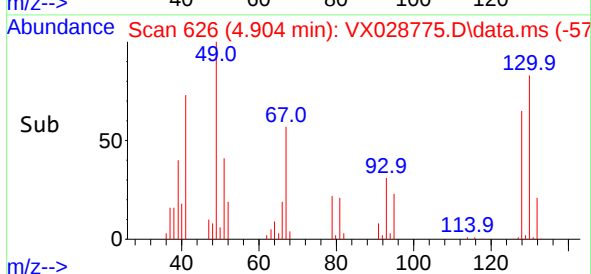
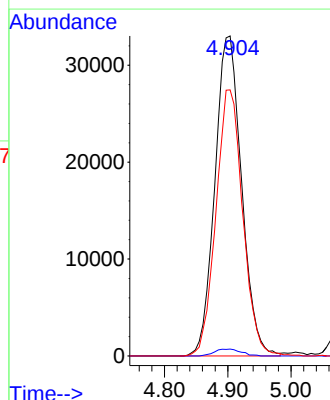
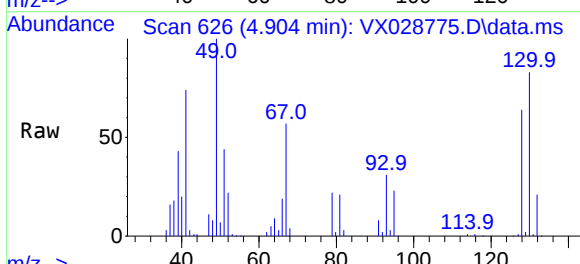
APPROVED

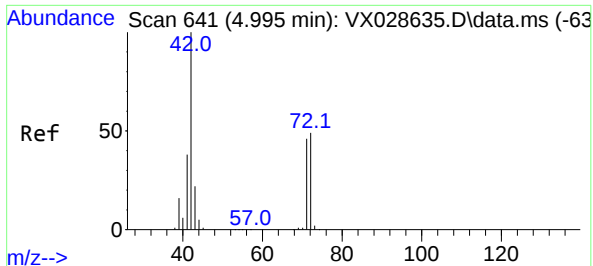
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
Bromochloromethane
Concen: 48.113 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.007 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Tgt Ion: 49 Resp: 96737
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 83.6 70.7 106.1





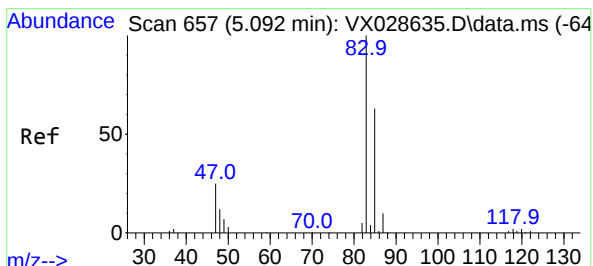
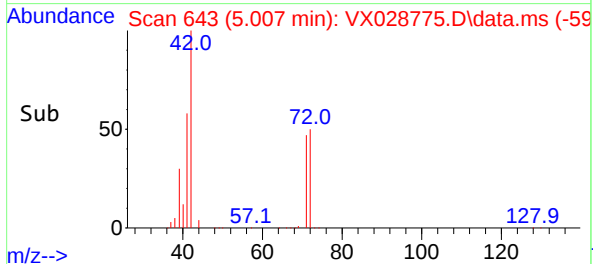
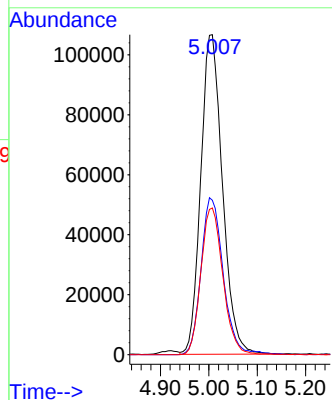
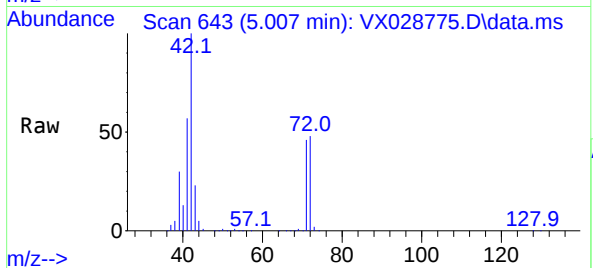
#29
Tetrahydrofuran
Concen: 239.209 ug/l
RT: 5.007 min Scan# 641
Delta R.T. 0.012 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 332592
Ion Ratio Lower Upper
42 100
72 50.2 44.1 66.1
71 46.4 40.5 60.7

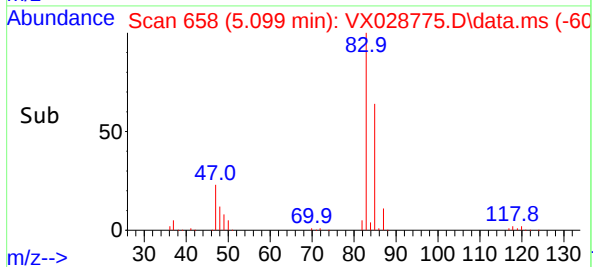
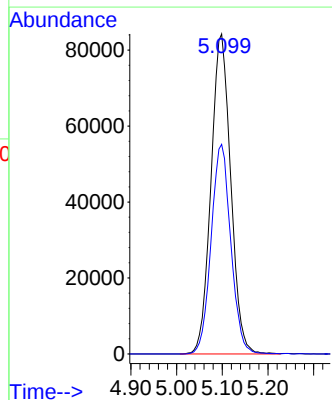
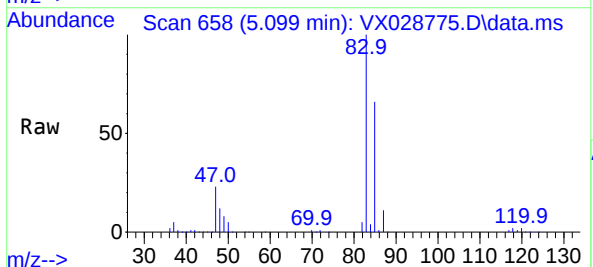
Manual Integrations
APPROVED

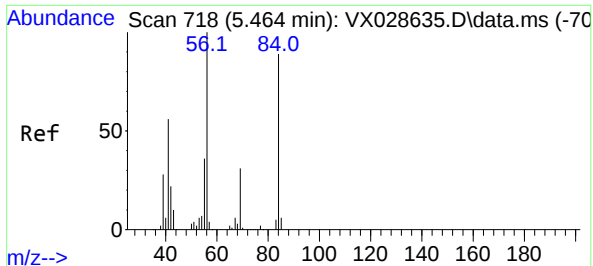
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
Chloroform
Concen: 48.961 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

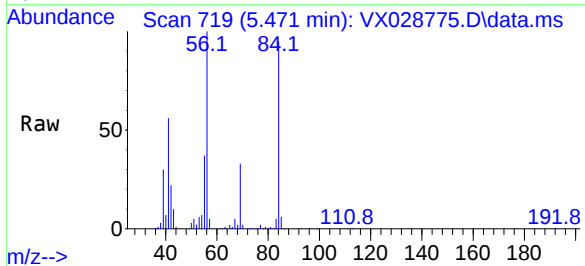
Tgt Ion: 83 Resp: 253115
Ion Ratio Lower Upper
83 100
85 65.5 52.7 79.1





#31
Cyclohexane
Concen: 46.659 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

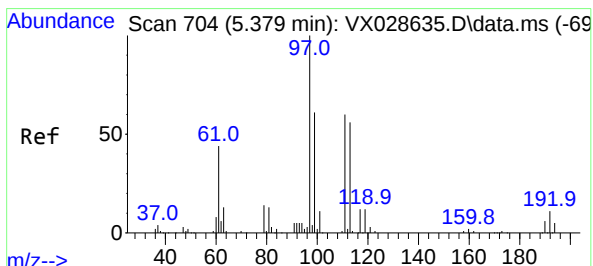
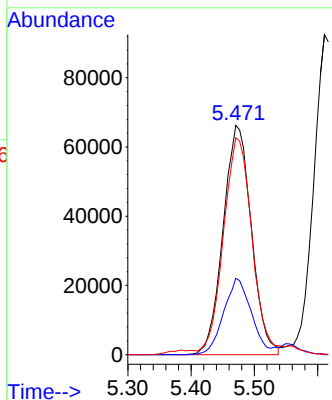
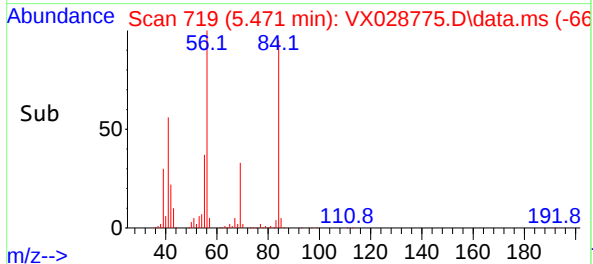
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



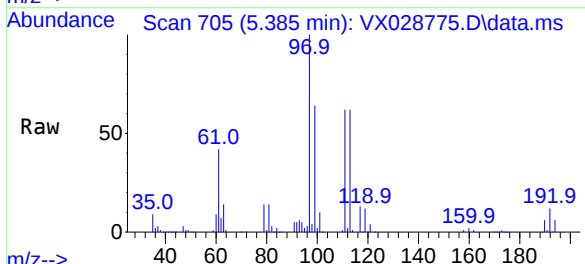
Tgt Ion: 56 Resp: 205640
Ion Ratio Lower Upper
56 100
69 33.3 26.7 40.1
84 92.9 77.2 115.8

Manual Integrations
APPROVED

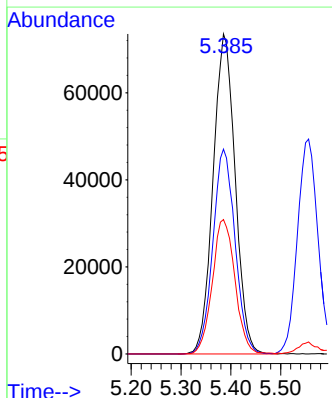
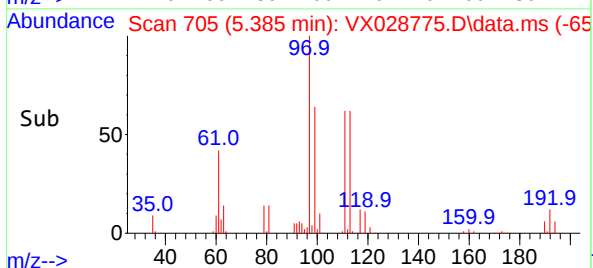
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

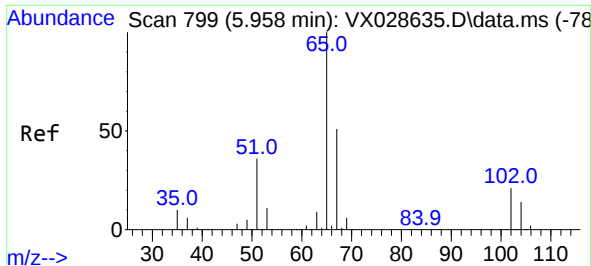


#32
1,1,1-Trichloroethane
Concen: 50.058 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



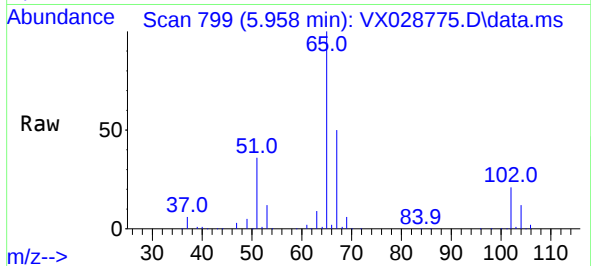
Tgt Ion: 97 Resp: 225920
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 43.2 34.0 51.0





#33
1,2-Dichloroethane-d4
Concen: 51.634 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

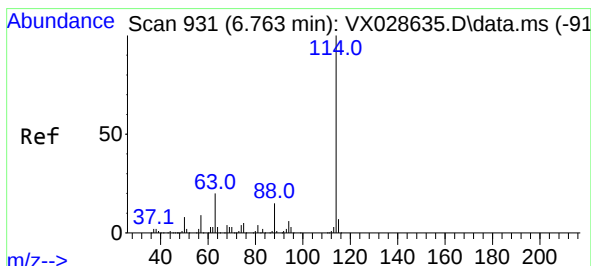
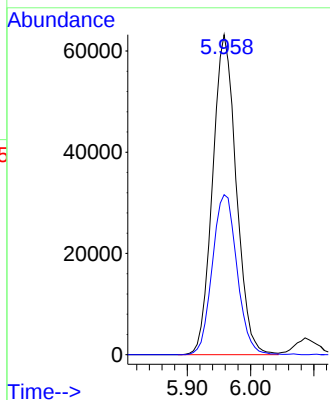
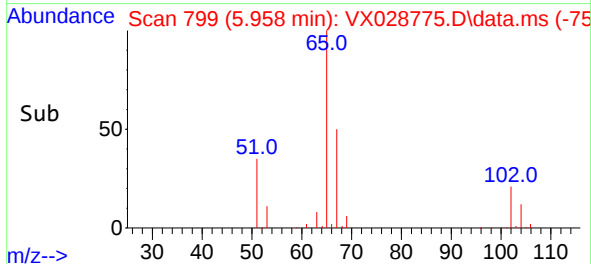
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



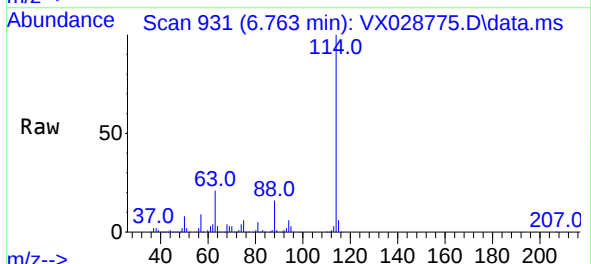
Tgt Ion: 65 Resp: 16394
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

Manual Integrations
APPROVED

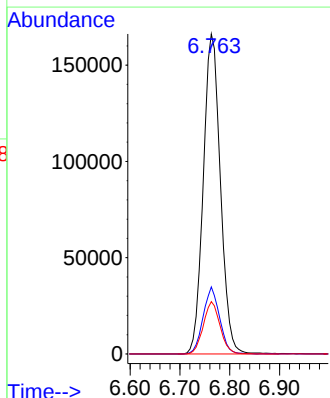
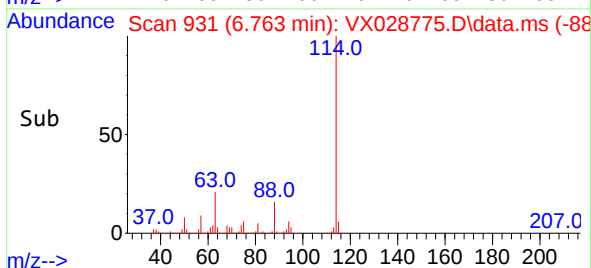
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

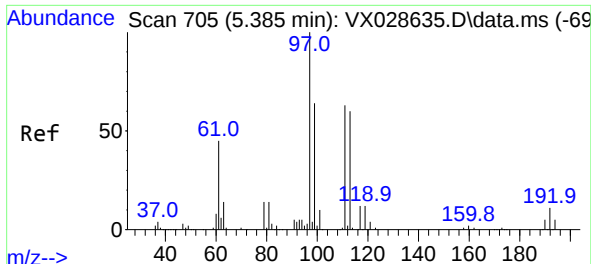


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



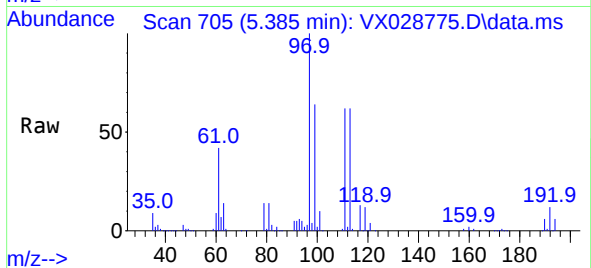
Tgt Ion:114 Resp: 396685
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.8
88 16.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 52.272 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

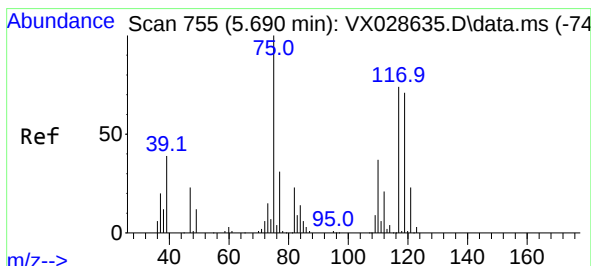
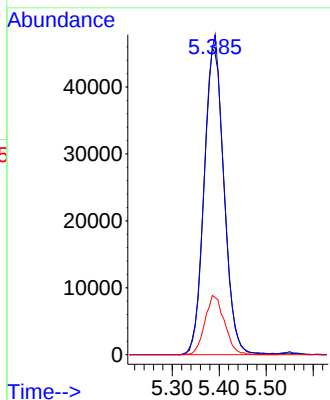
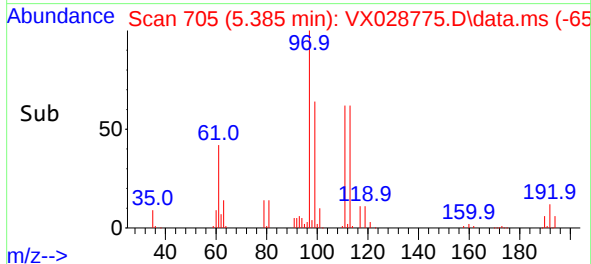
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



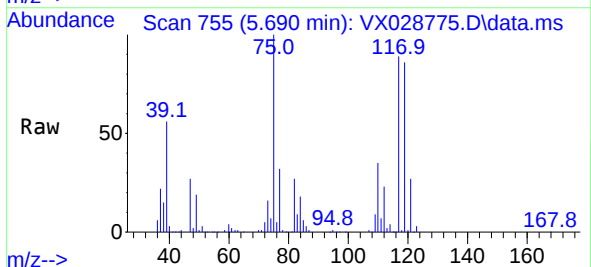
Tgt Ion: 113 Resp: 13585
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 18.8 16.9 25.3

Manual Integrations
APPROVED

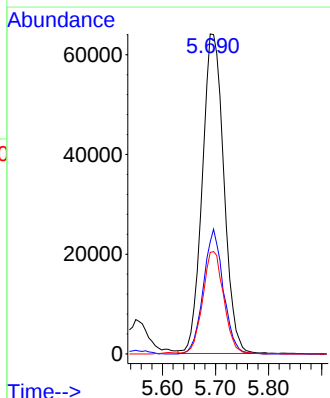
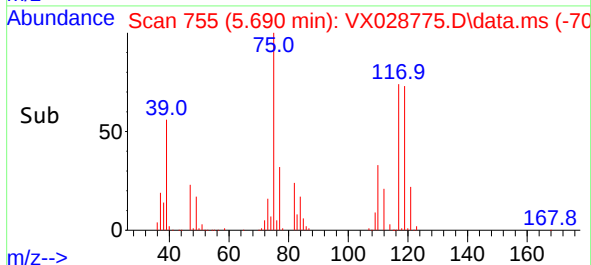
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

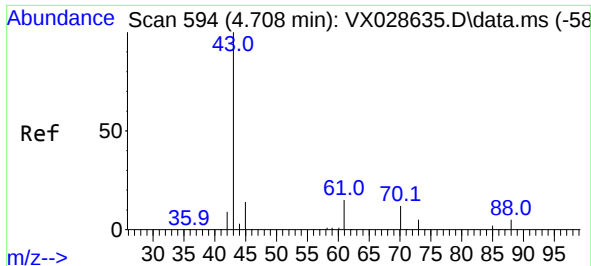


#36
1,1-Dichloropropene
Concen: 46.375 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



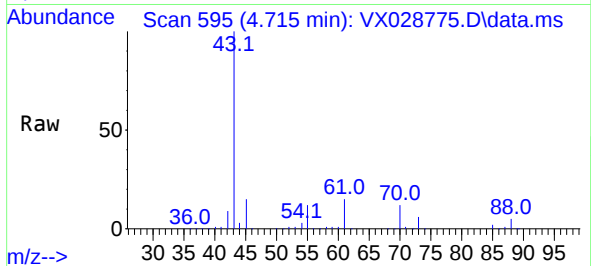
Tgt Ion: 75 Resp: 181034
Ion Ratio Lower Upper
75 100
110 36.0 18.3 54.8
77 31.3 24.8 37.2





#37
Ethyl Acetate
Concen: 49.693 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.007 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

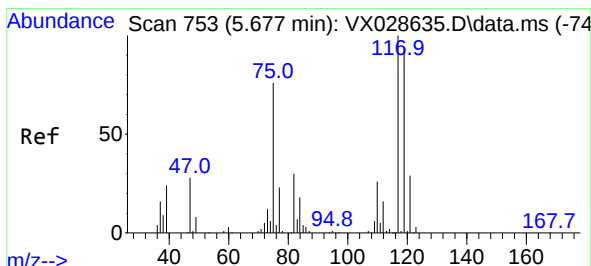
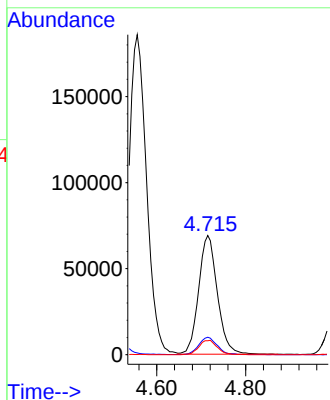
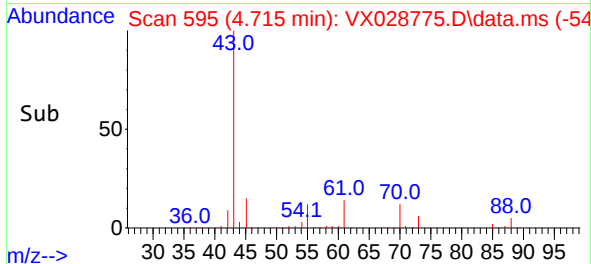
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 202610
Ion Ratio Lower Upper
43 100
61 14.2 12.6 19.0
70 11.9 10.2 15.2

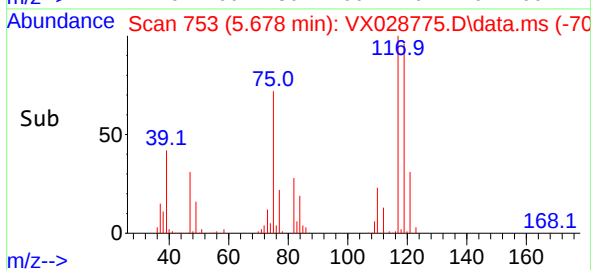
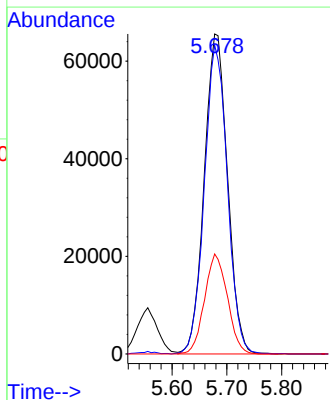
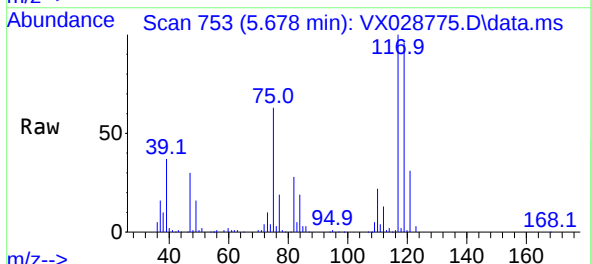
Manual Integrations
APPROVED

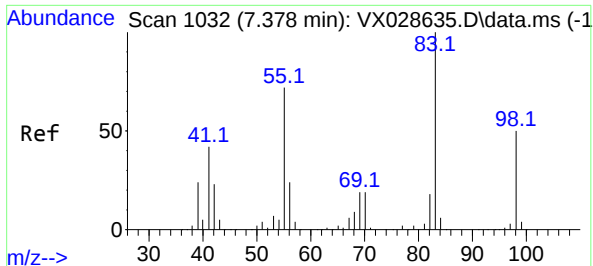
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#38
Carbon Tetrachloride
Concen: 49.168 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Tgt Ion:117 Resp: 193161
Ion Ratio Lower Upper
117 100
119 96.4 77.3 115.9
121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 47.316 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.007 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21182

Ion Ratio Lower Upper

83 100

55 72.5 54.6 81.8

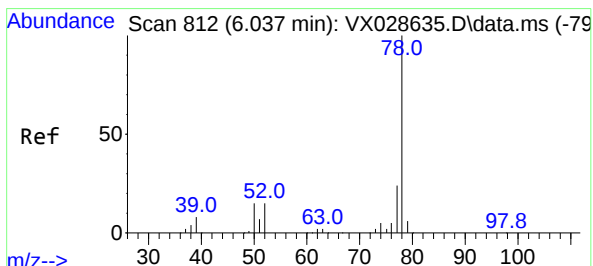
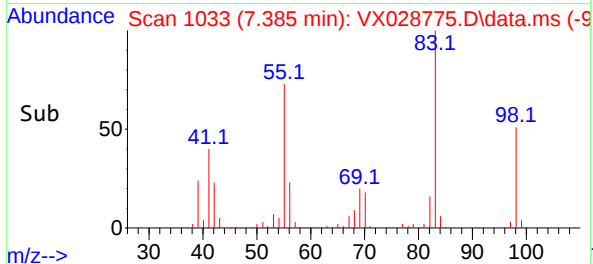
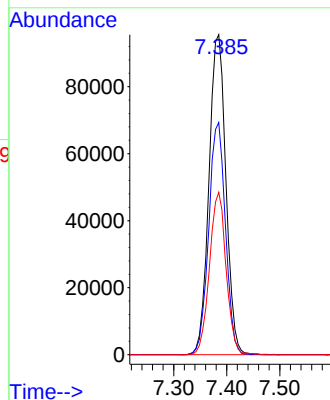
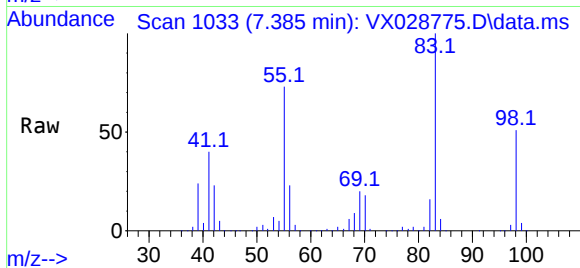
98 50.7 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#40

Benzene

Concen: 47.781 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX028775.D

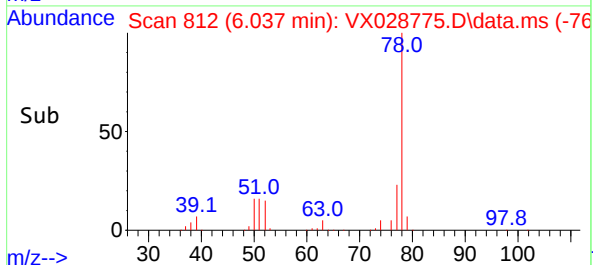
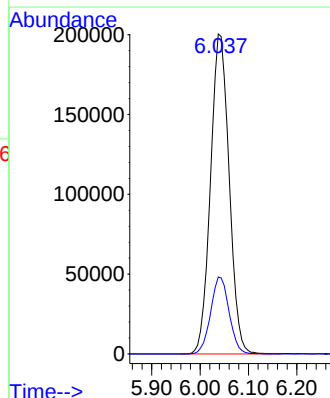
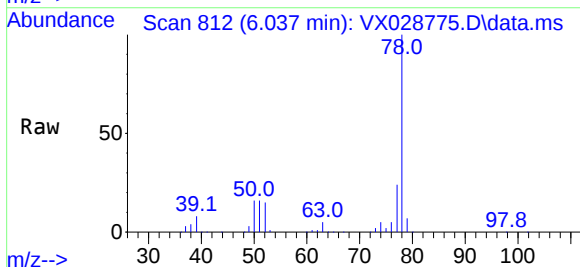
Acq: 17 May 2022 21:56

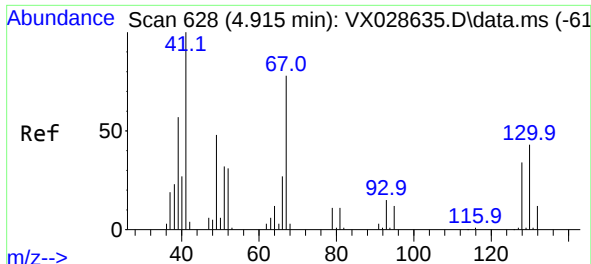
Tgt Ion: 78 Resp: 536061

Ion Ratio Lower Upper

78 100

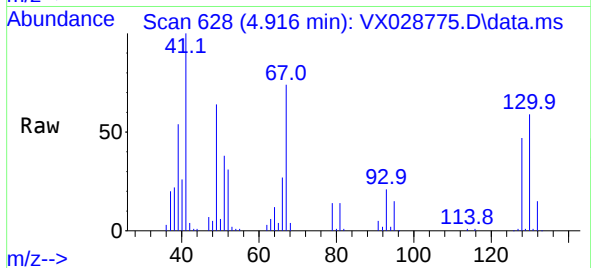
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 48.882 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

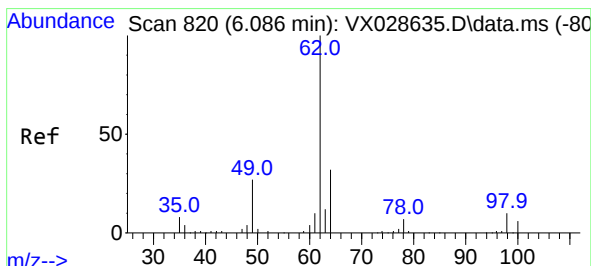
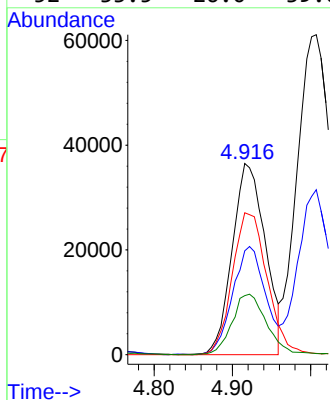
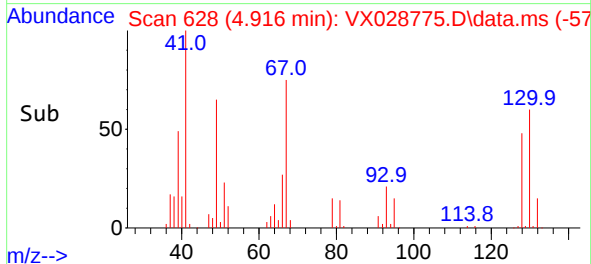
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



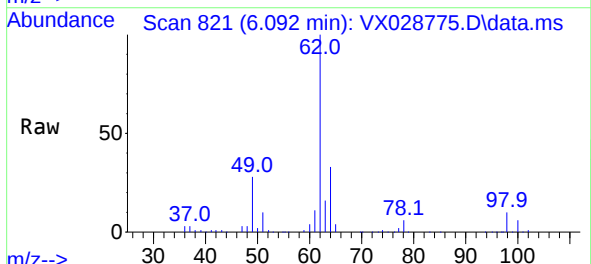
Tgt Ion: 41 Resp: 106864
Ion Ratio Lower Upper
41 100
39 56.2 43.0 64.4
67 78.8 70.2 105.4
52 33.5 26.0 39.0

Manual Integrations
APPROVED

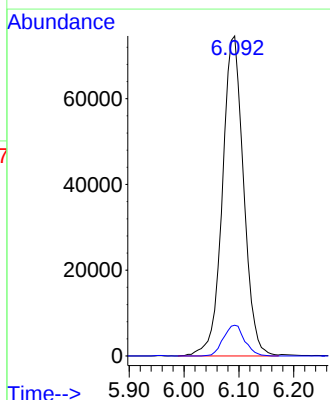
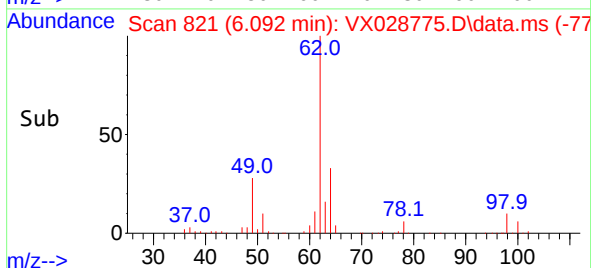
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

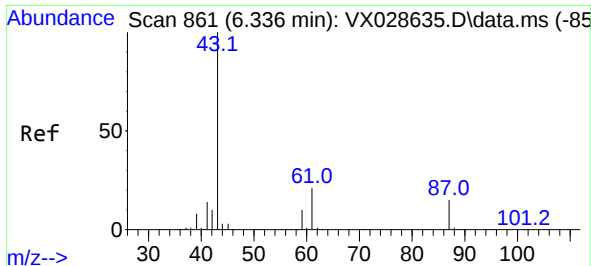


#42
1,2-Dichloroethane
Concen: 48.487 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion: 62 Resp: 200652
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.4





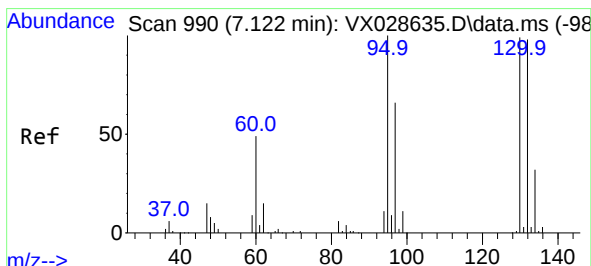
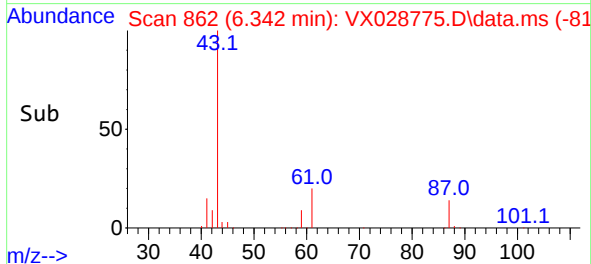
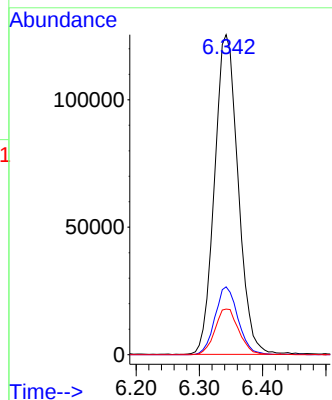
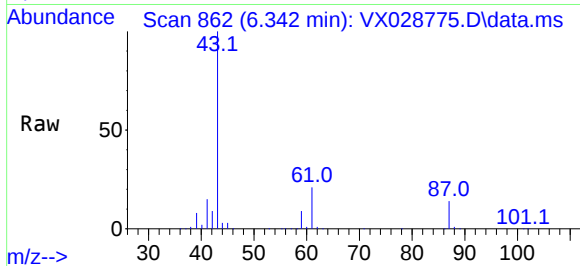
#43
Isopropyl Acetate
Concen: 50.752 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 323730
Ion Ratio Lower Upper
43 100
61 20.8 18.5 27.7
87 14.5 13.0 19.6

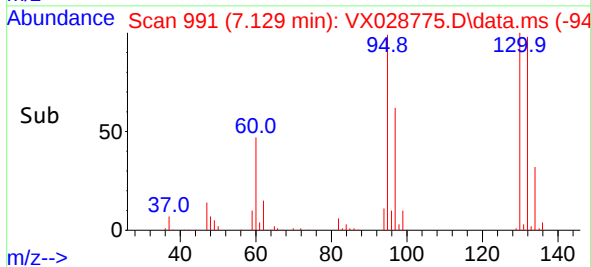
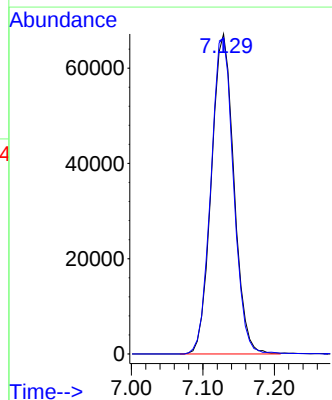
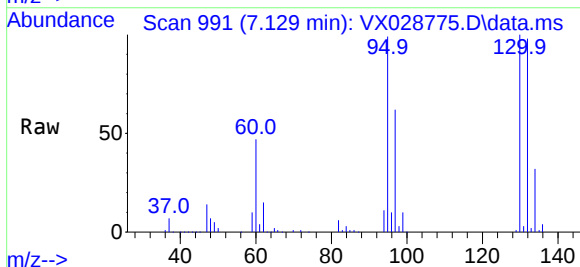
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Trichloroethene
Concen: 48.282 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Tgt Ion:130 Resp: 146907
Ion Ratio Lower Upper
130 100
95 98.9 0.0 188.8





#45

1,2-Dichloropropane

Concen: 48.908 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 136900

Ion Ratio Lower Upper

63 100

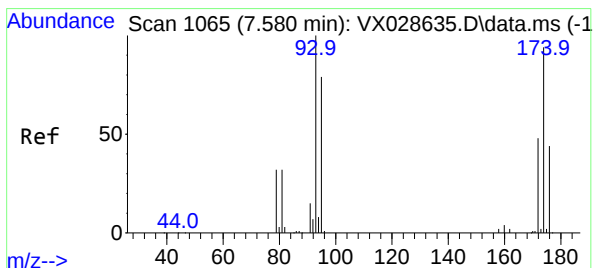
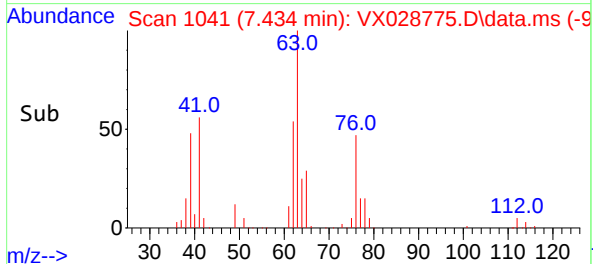
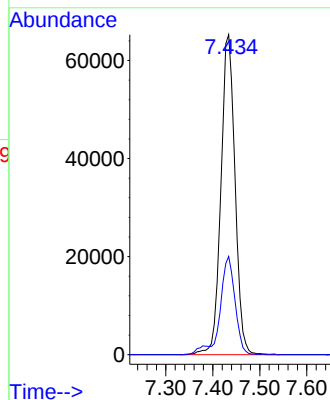
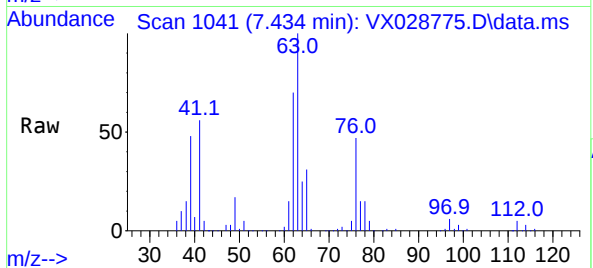
65 30.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#46

Dibromomethane

Concen: 48.730 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

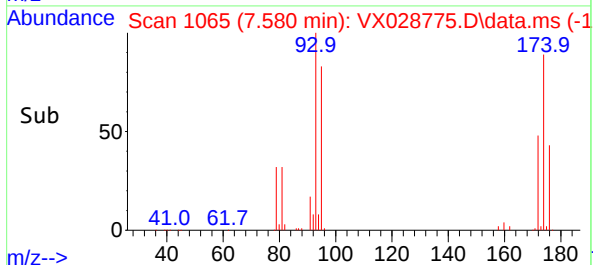
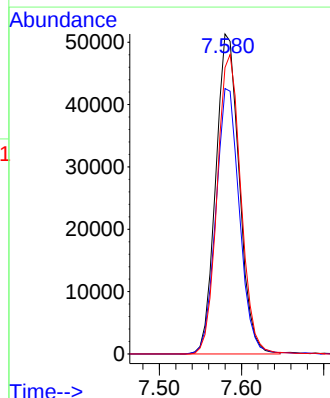
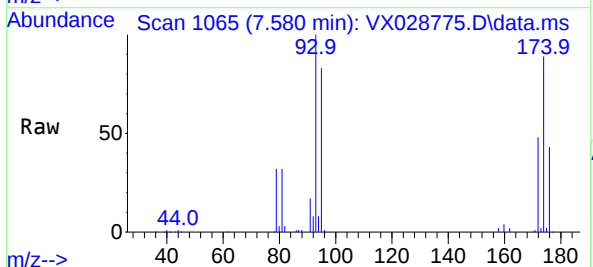
Tgt Ion: 93 Resp: 101865

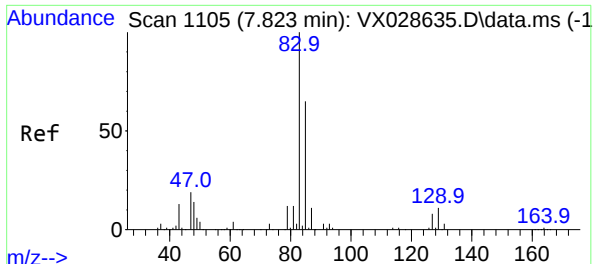
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 94.2 85.4 128.2





#47
Bromodichloromethane
Concen: 50.027 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

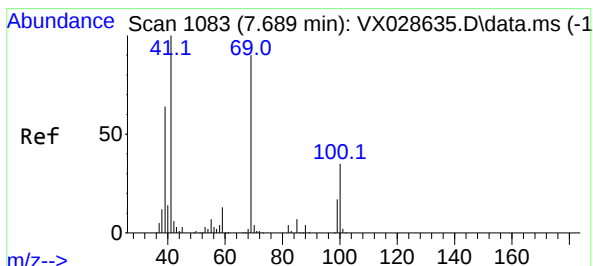
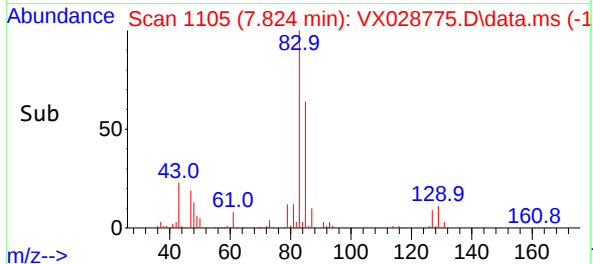
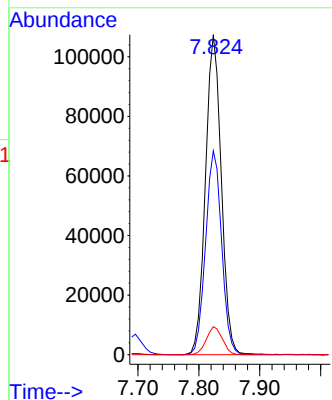
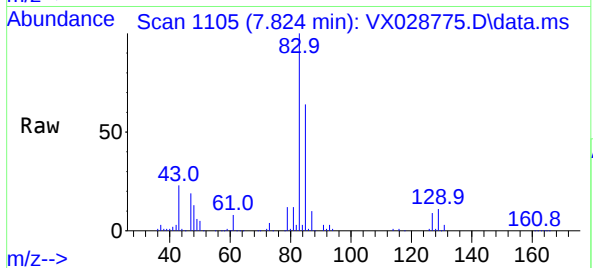
VSTDCCC050EC

Tgt Ion: 83 Resp: 19415
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.2
127 8.8 6.8 10.2

Manual Integrations

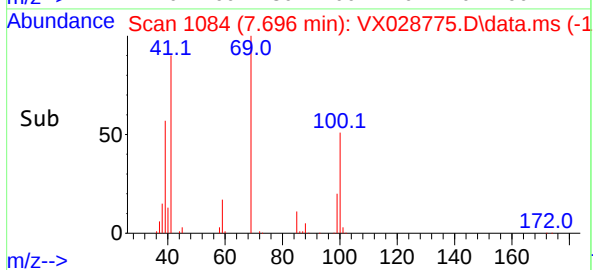
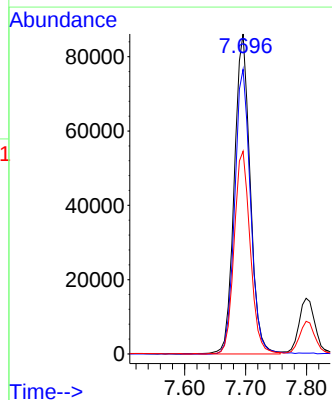
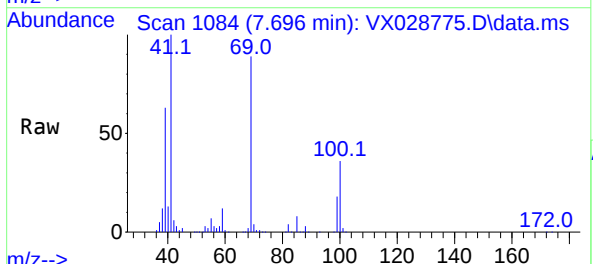
APPROVED

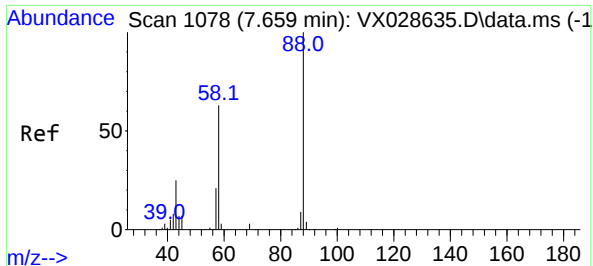
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#48
Methyl methacrylate
Concen: 50.581 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Tgt Ion: 41 Resp: 155859
Ion Ratio Lower Upper
41 100
69 88.6 82.5 123.7
39 64.2 43.8 65.8





#49

1,4-Dioxane

Concen: 882.248 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 67915

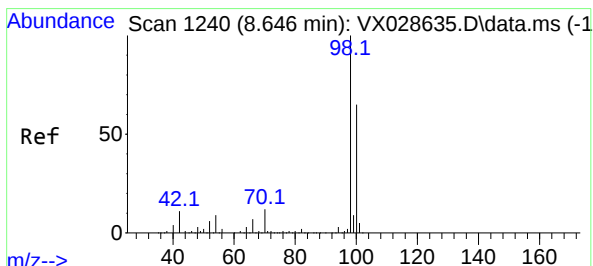
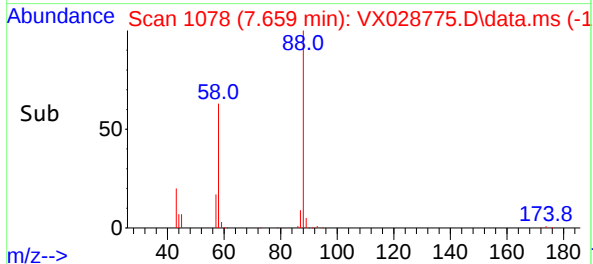
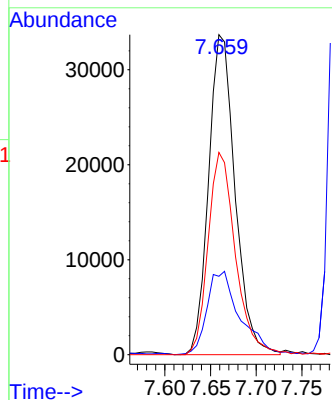
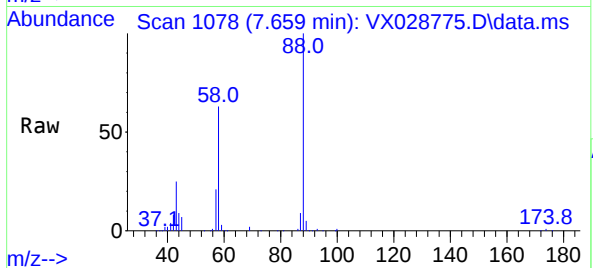
Ion	Ratio	Lower	Upper
88	100		
43	32.6	21.9	32.9
58	65.4	53.7	80.5

Manual Integrations

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Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#50

Toluene-d8

Concen: 54.423 ug/l

RT: 8.653 min Scan# 1241

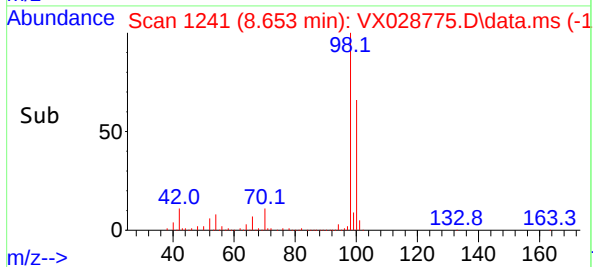
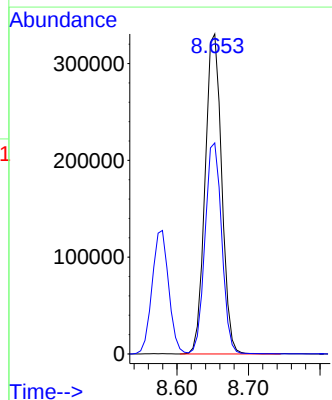
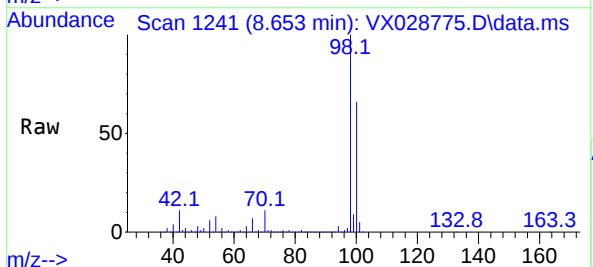
Delta R.T. 0.007 min

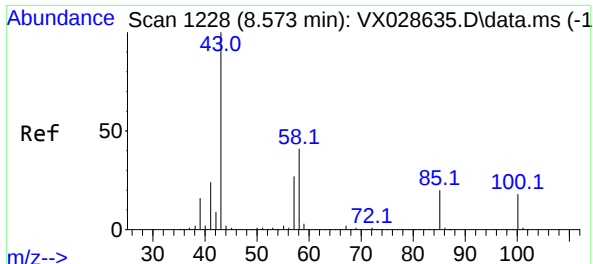
Lab File: VX028775.D

Acq: 17 May 2022 21:56

Tgt Ion: 98 Resp: 533283

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8





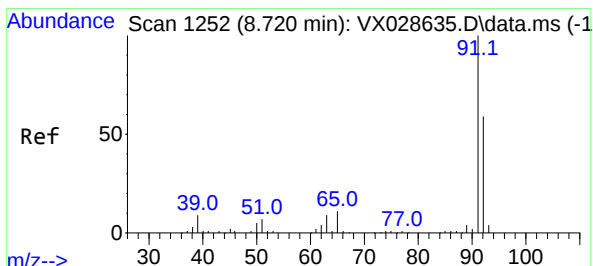
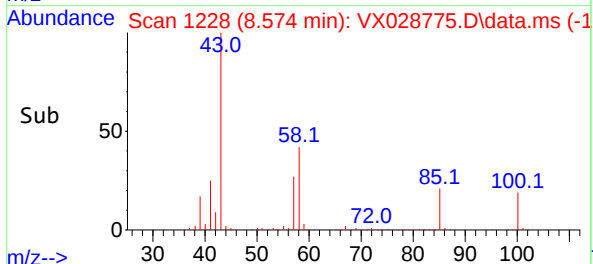
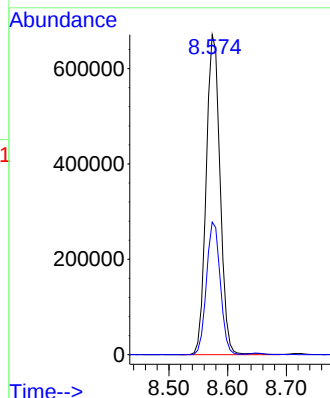
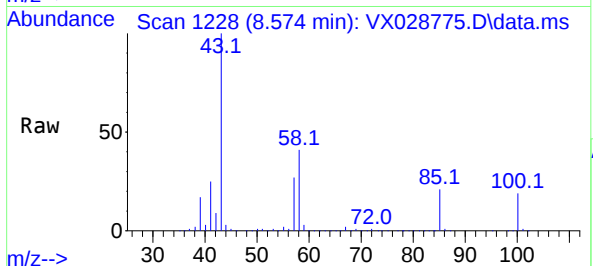
#51
4-Methyl-2-Pentanone
Concen: 262.590 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 110330
Ion Ratio Lower Upper
43 100
58 41.3 36.1 54.1

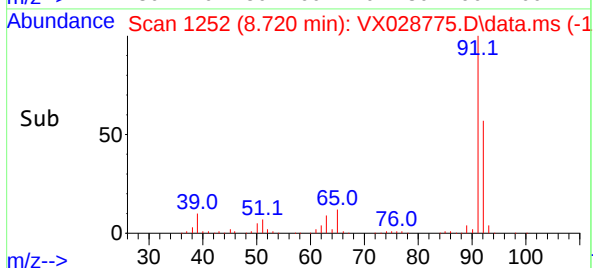
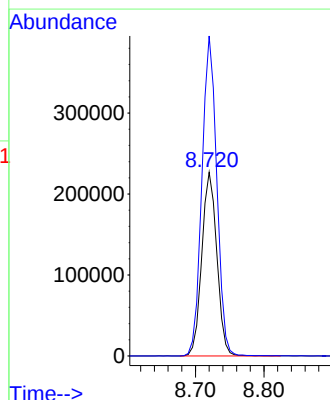
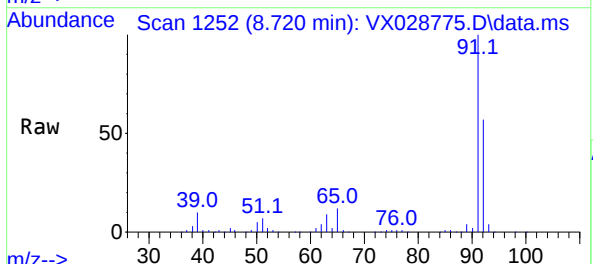
Manual Integrations
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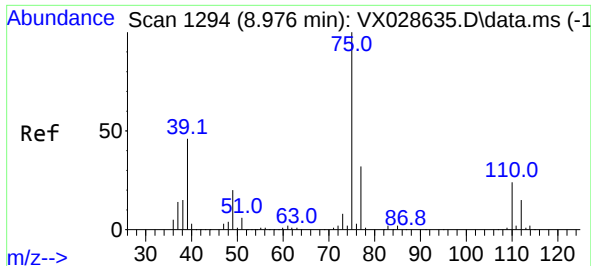
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#52
Toluene
Concen: 48.032 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Tgt Ion: 92 Resp: 346646
Ion Ratio Lower Upper
92 100
91 172.7 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 45.996 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 204870

Ion Ratio Lower Upper

75 100

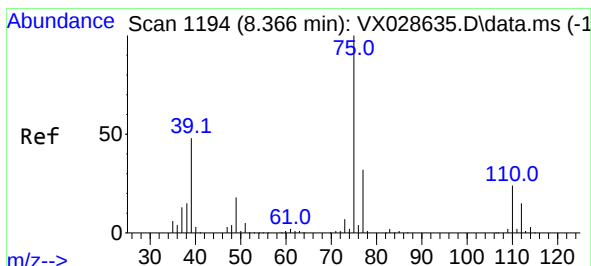
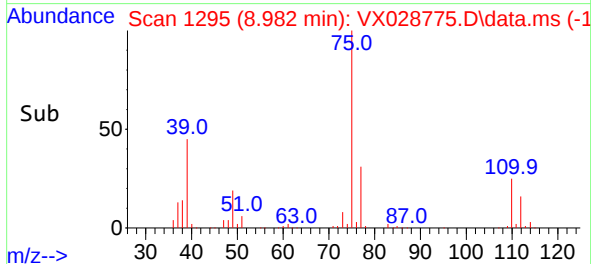
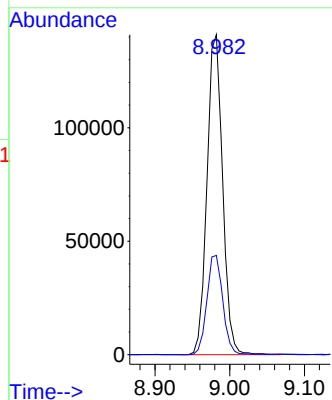
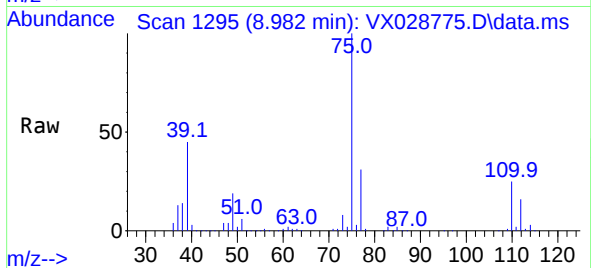
77 31.0 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#54

cis-1,3-Dichloropropene

Concen: 50.352 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

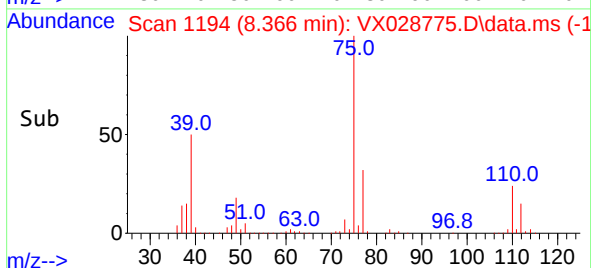
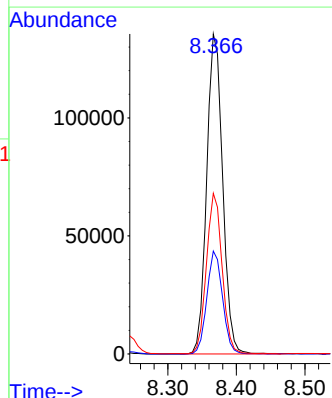
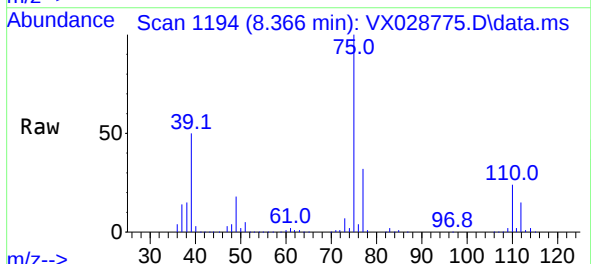
Tgt Ion: 75 Resp: 219884

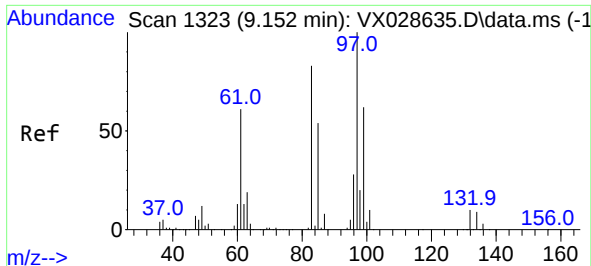
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

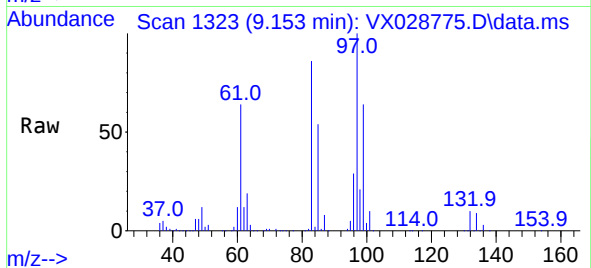
39 50.2 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 48.887 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

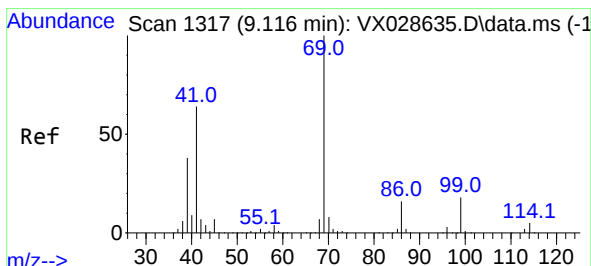
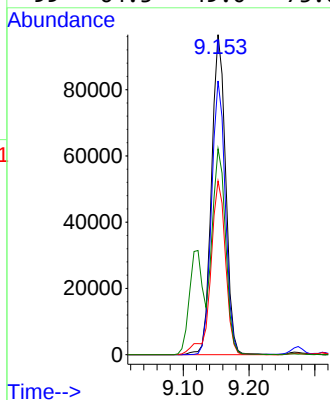
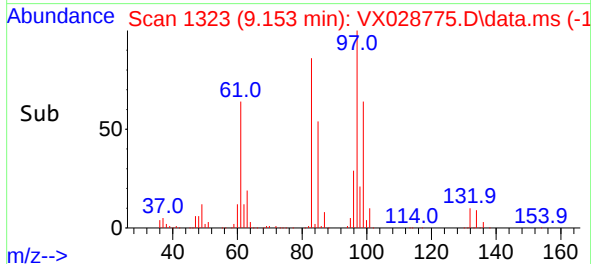


Tgt Ion: 97 Resp: 143869

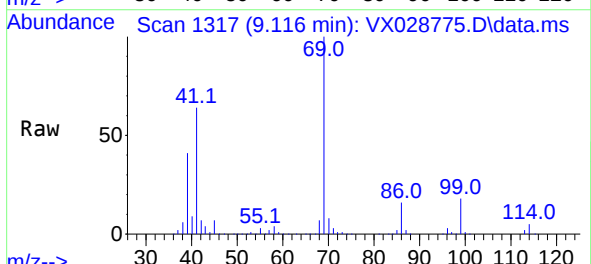
Ion	Ratio	Lower	Upper
97	100		
83	85.5	66.2	99.4
85	54.2	42.9	64.3
99	64.3	49.0	73.6

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Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

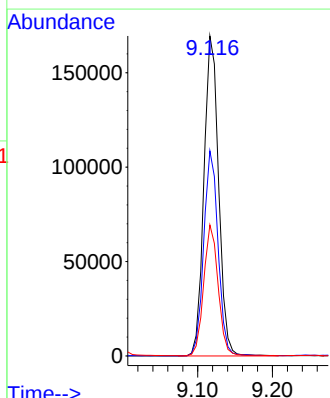
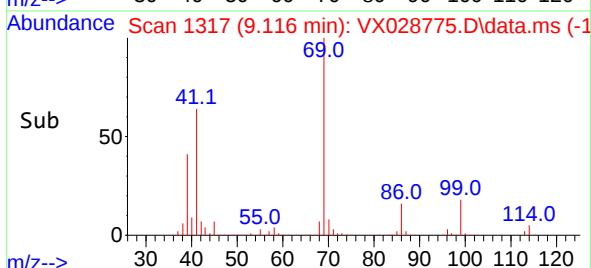


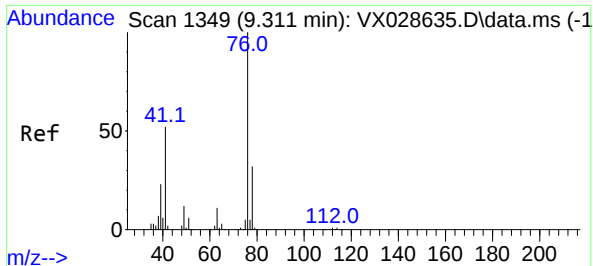
#56
Ethyl methacrylate
Concen: 51.885 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion: 69 Resp: 231226

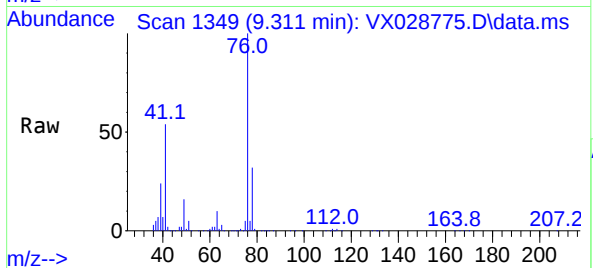
Ion	Ratio	Lower	Upper
69	100		
41	62.7	43.8	65.6
39	40.4	22.2	33.2





#57
1,3-Dichloropropane
Concen: 48.603 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

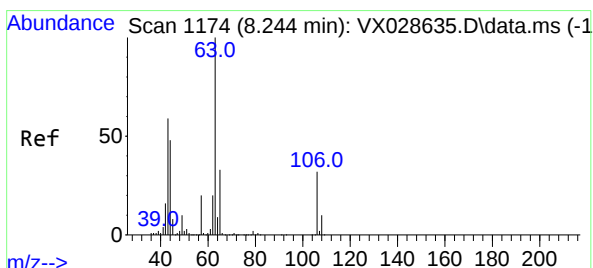
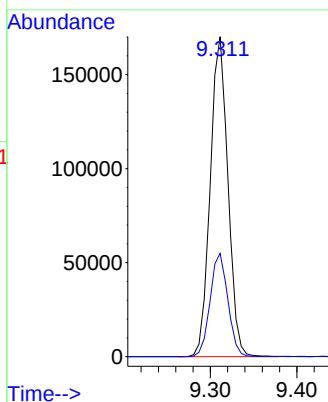
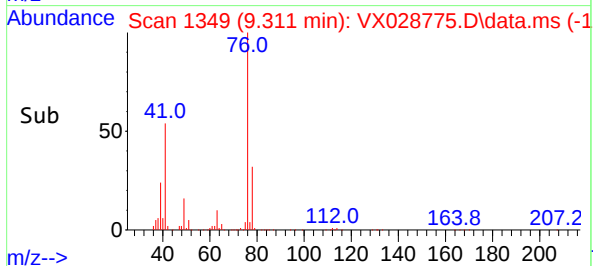
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



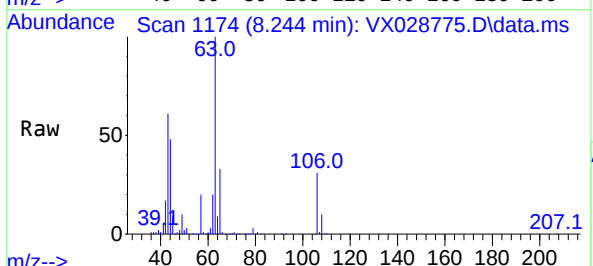
Tgt Ion: 76 Resp: 241240
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

Manual Integrations
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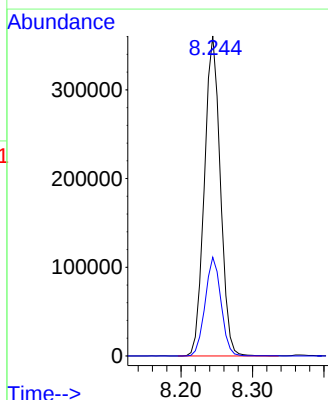
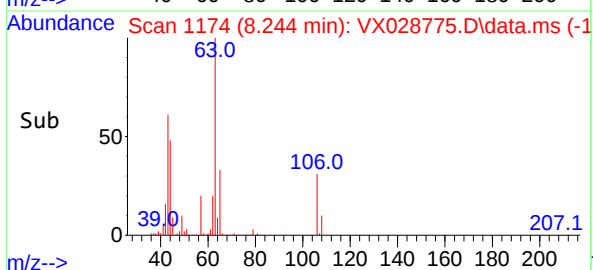
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#58
2-Chloroethyl Vinyl ether
Concen: 256.374 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion: 63 Resp: 559370
Ion Ratio Lower Upper
63 100
106 30.7 23.9 35.9





#59

2-Hexanone

Concen: 249.463 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 814340

Ion Ratio Lower Upper

43 100

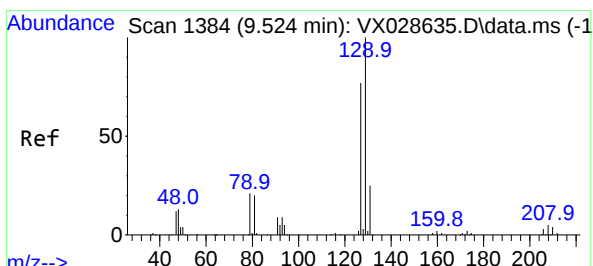
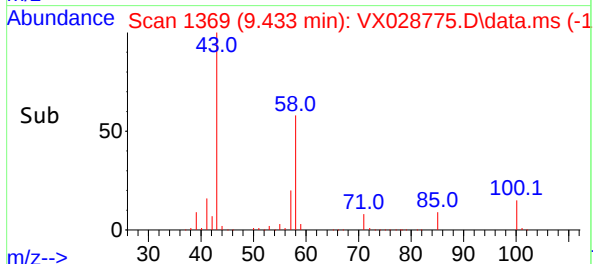
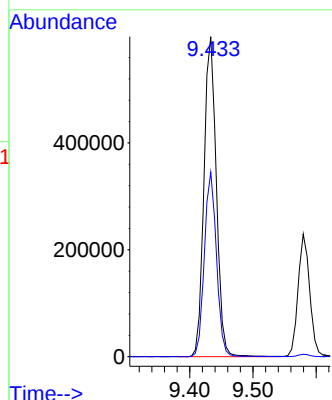
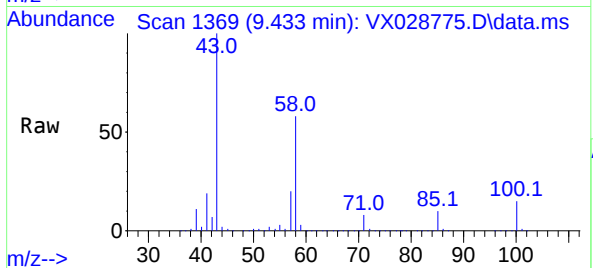
58 56.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#60

Dibromochloromethane

Concen: 52.410 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028775.D

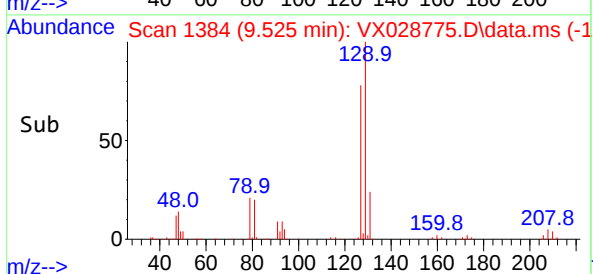
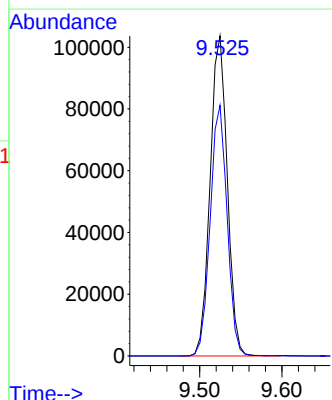
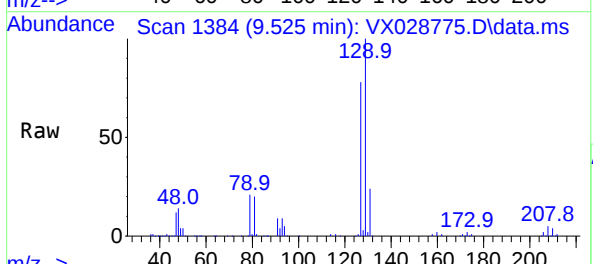
Acq: 17 May 2022 21:56

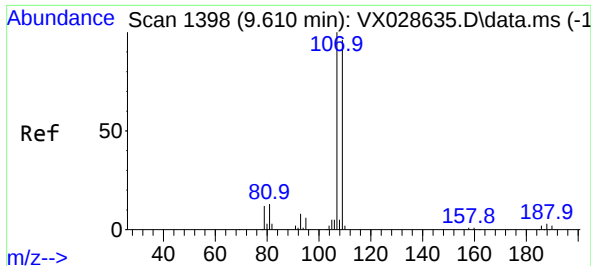
Tgt Ion:129 Resp: 150421

Ion Ratio Lower Upper

129 100

127 77.3 40.3 120.8





#61
1,2-Dibromoethane
Concen: 50.294 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

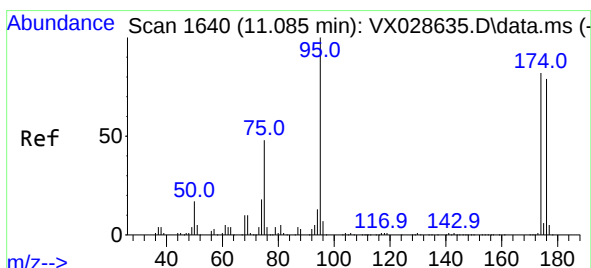
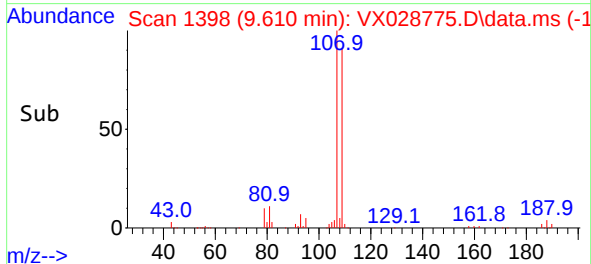
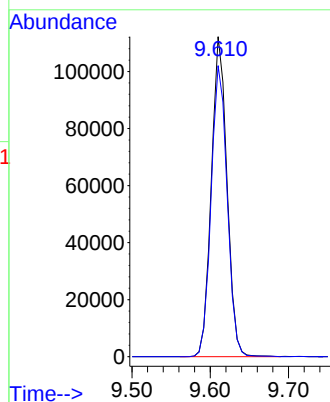
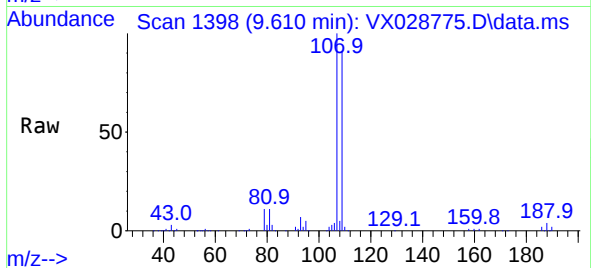
Tgt Ion:107 Resp: 155454
Ion Ratio Lower Upper
107 100
109 93.4 74.4 111.6

Manual Integrations

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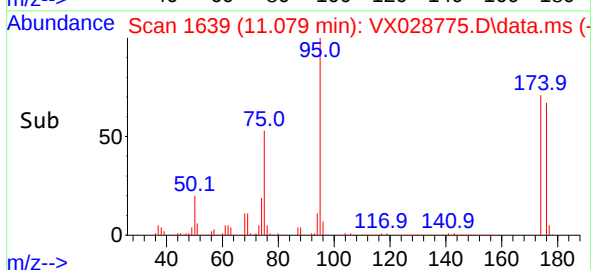
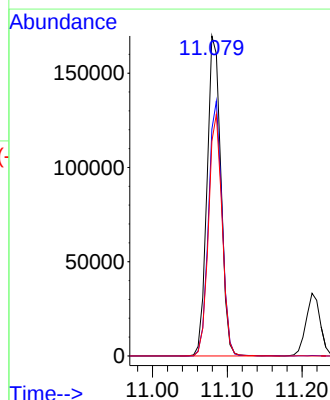
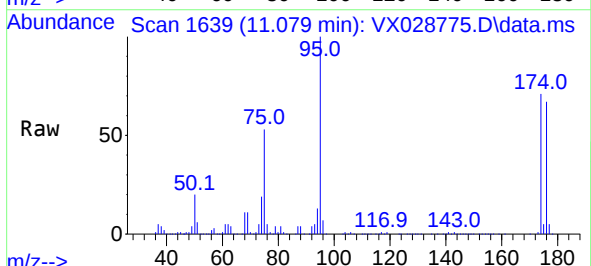
Reviewed By :John Carlone 05/18/2022

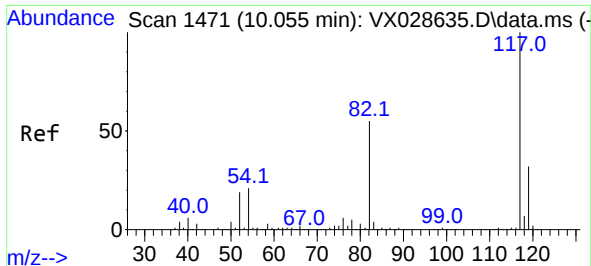
Supervised By :Mahesh Dadoda 05/18/2022



#62
4-Bromofluorobenzene
Concen: 59.510 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

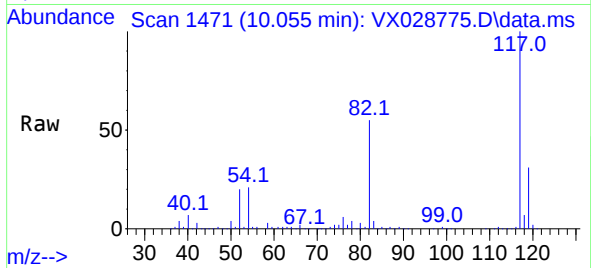
Tgt Ion: 95 Resp: 217800
Ion Ratio Lower Upper
95 100
174 77.9 0.0 163.0
176 74.1 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

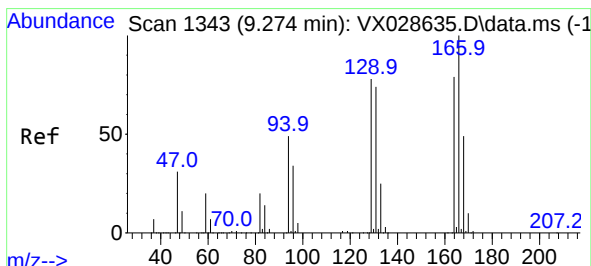
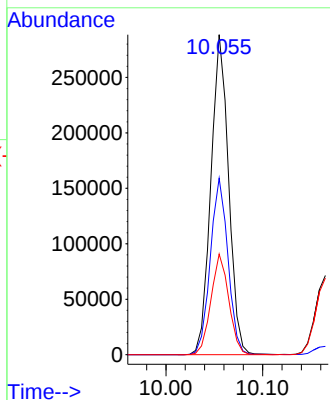
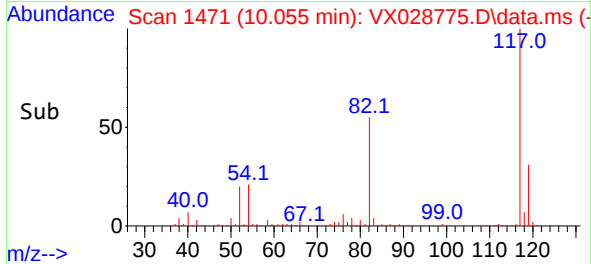
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 366410
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.5 24.8 37.2

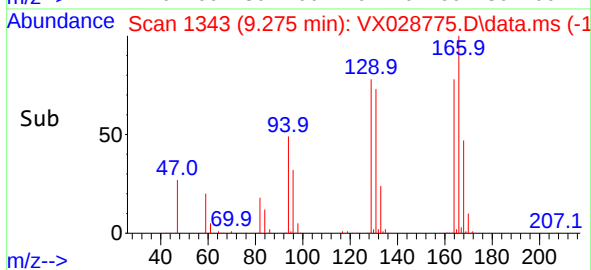
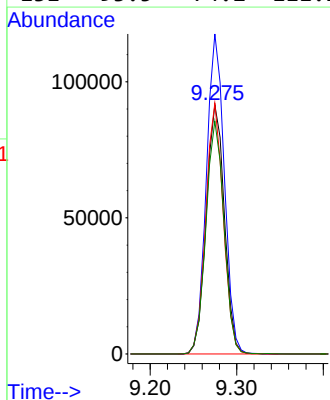
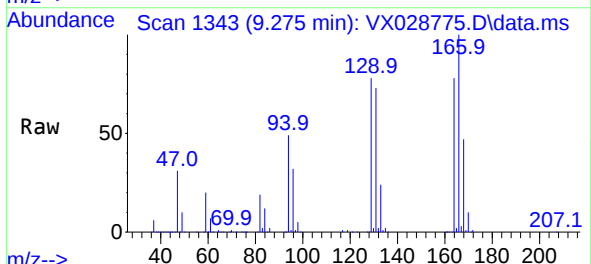
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#64
Tetrachloroethene
Concen: 48.270 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

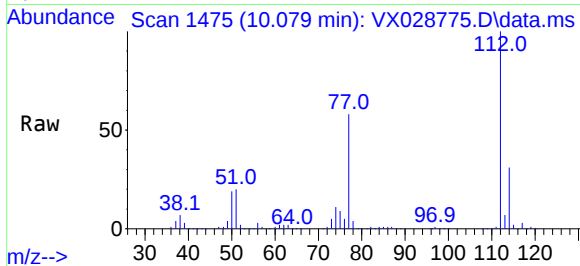
Tgt Ion:164 Resp: 133564
Ion Ratio Lower Upper
164 100
166 128.5 101.2 151.8
129 100.7 73.0 109.4
131 93.5 74.2 111.2





#65
Chlorobenzene
Concen: 48.966 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

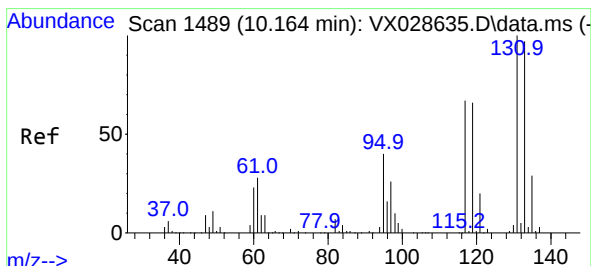
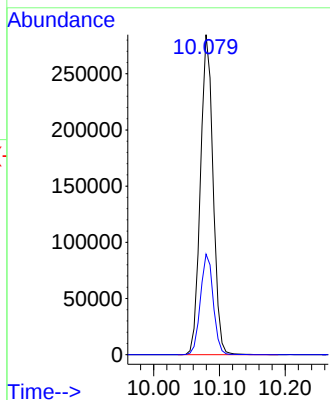
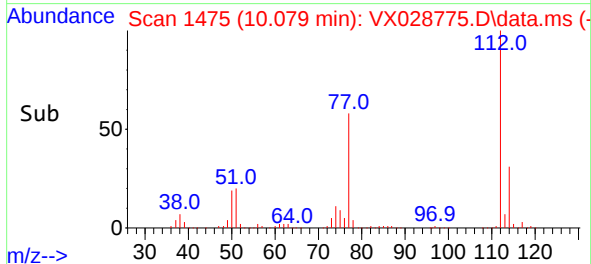
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



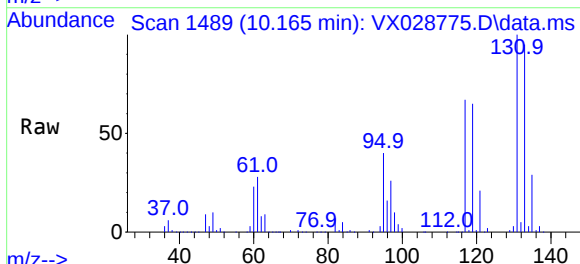
Tgt Ion:112 Resp: 380620
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

Manual Integrations
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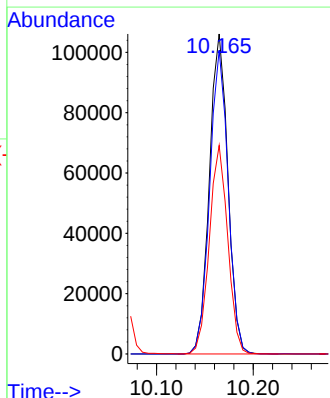
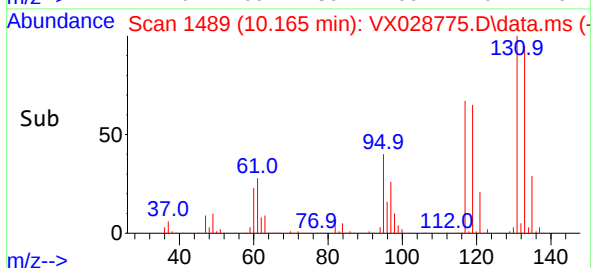
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

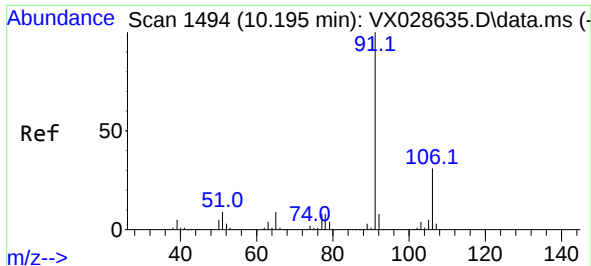


#66
1,1,1,2-Tetrachloroethane
Concen: 51.254 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion:131 Resp: 141133
Ion Ratio Lower Upper
131 100
133 94.7 48.3 144.8
119 64.9 32.6 98.0





#67

Ethyl Benzene

Concen: 49.002 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028775.D

Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 682740

Ion Ratio Lower Upper

91 100

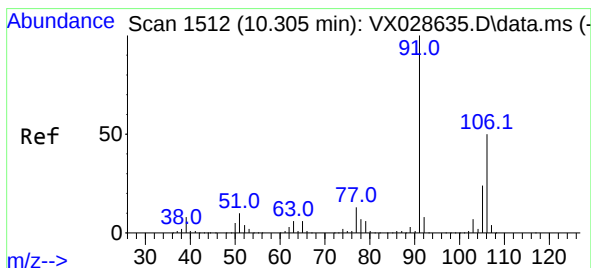
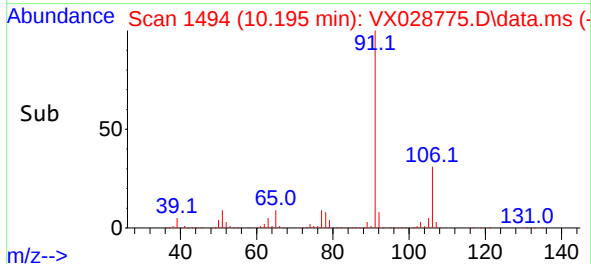
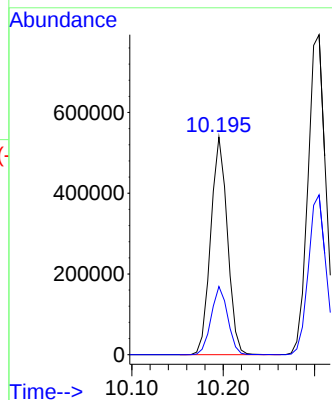
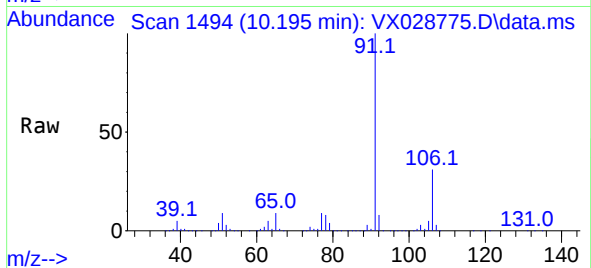
106 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#68

m/p-Xylenes

Concen: 97.716 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028775.D

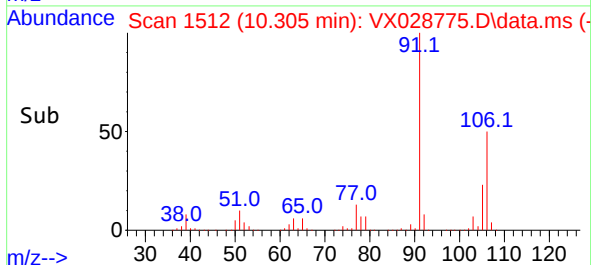
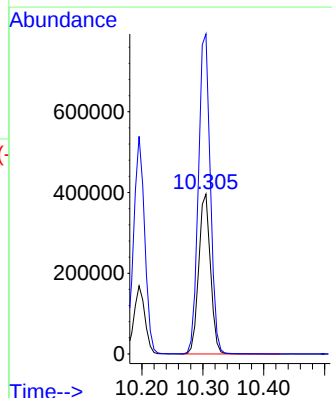
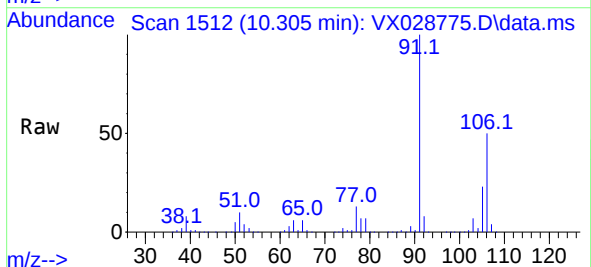
Acq: 17 May 2022 21:56

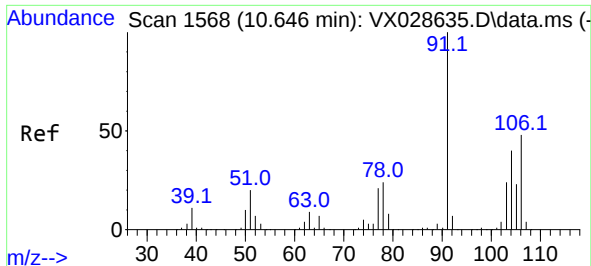
Tgt Ion:106 Resp: 530052

Ion Ratio Lower Upper

106 100

91 202.7 160.4 240.6





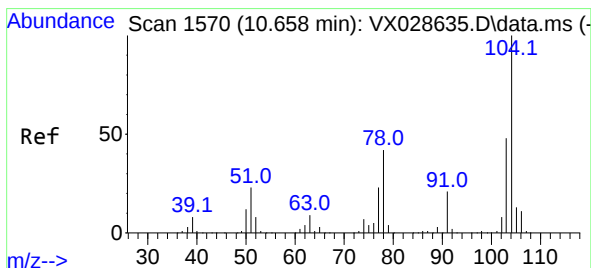
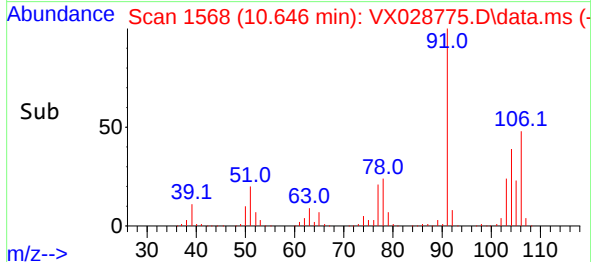
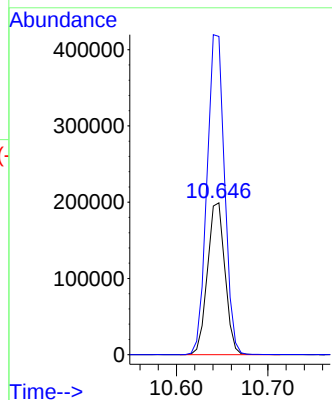
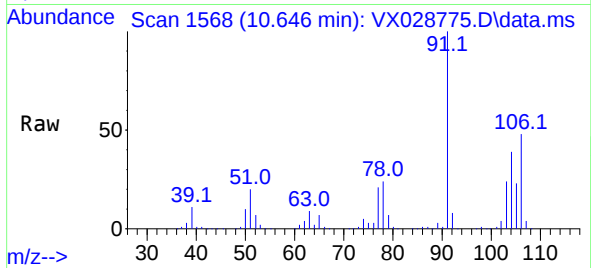
#69
o-Xylene
Concen: 49.463 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 26416
Ion Ratio Lower Upper
106 100
91 211.8 106.1 318.1

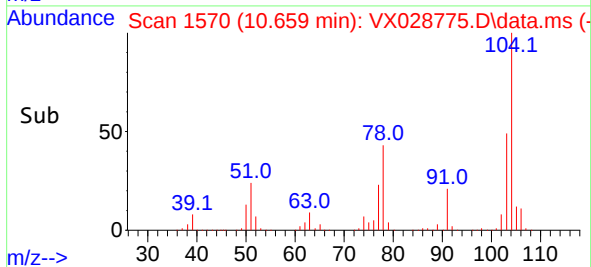
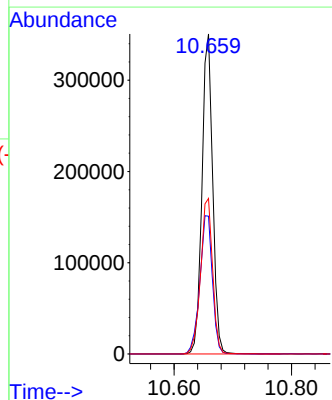
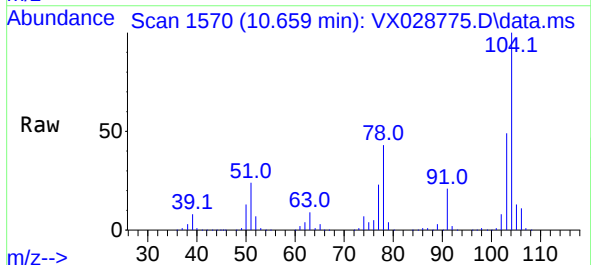
Manual Integrations
APPROVED

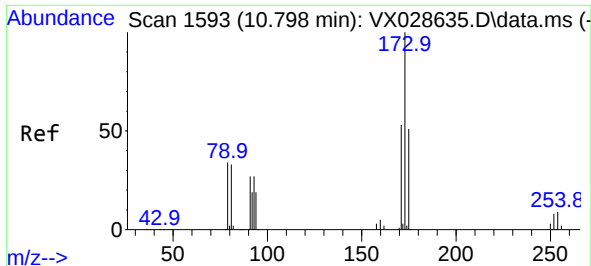
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Styrene
Concen: 51.255 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

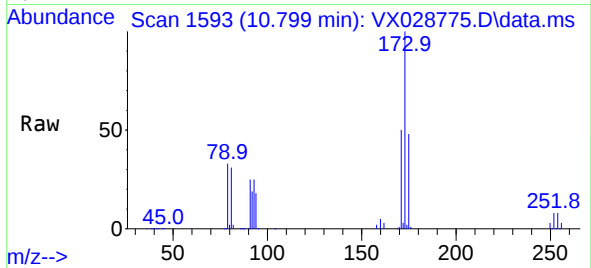
Tgt Ion:104 Resp: 444531
Ion Ratio Lower Upper
104 100
78 50.7 38.6 57.8
103 54.6 43.8 65.8





#71
Bromoform
Concen: 47.948 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

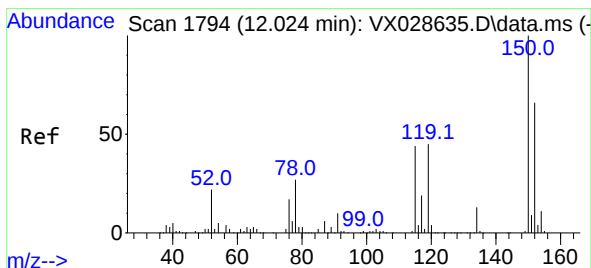
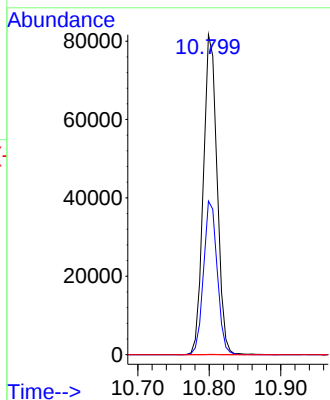
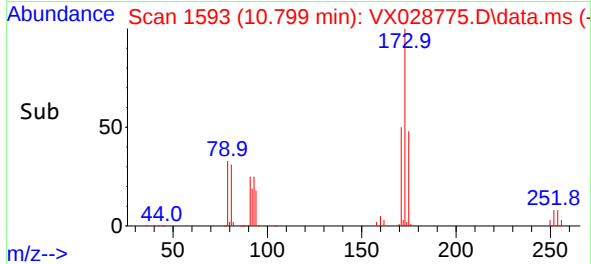
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 10923
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.2
254 0.1 0.1 0.1

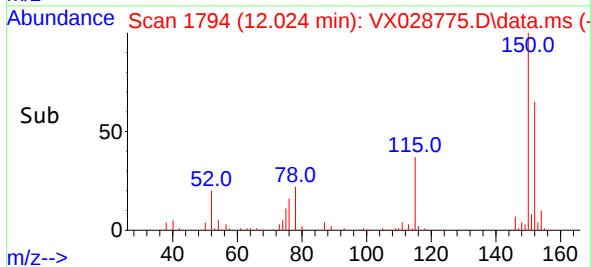
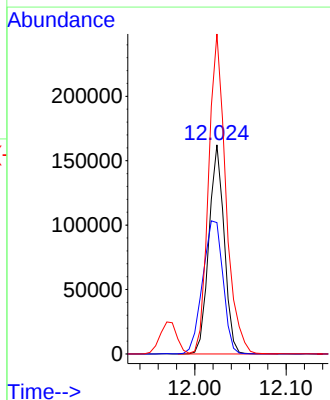
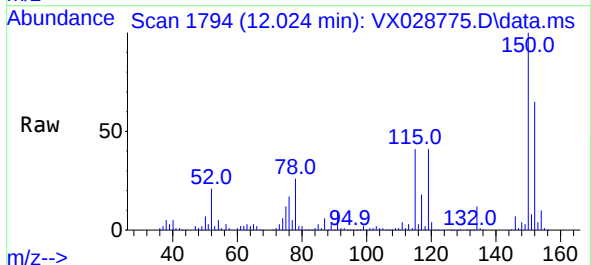
Manual Integrations
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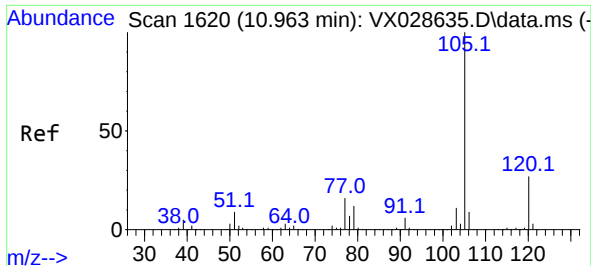
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

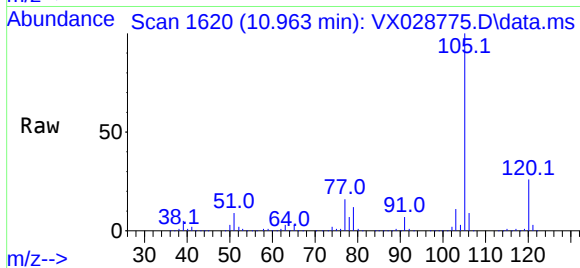
Tgt Ion:152 Resp: 188241
Ion Ratio Lower Upper
152 100
115 84.7 37.5 112.7
150 172.6 0.0 338.2





#73
Isopropylbenzene
Concen: 52.386 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

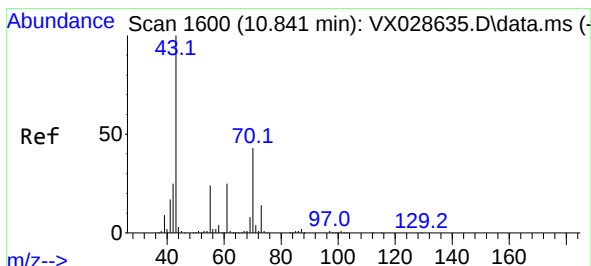
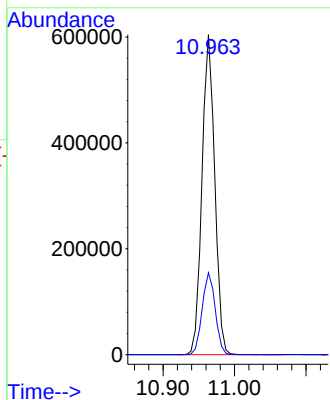
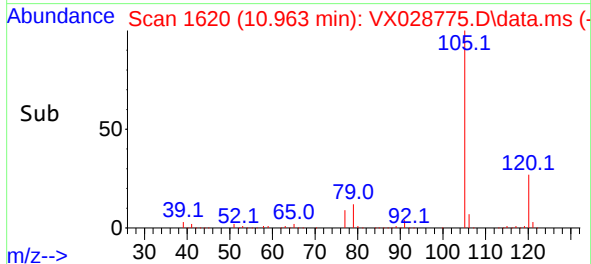
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



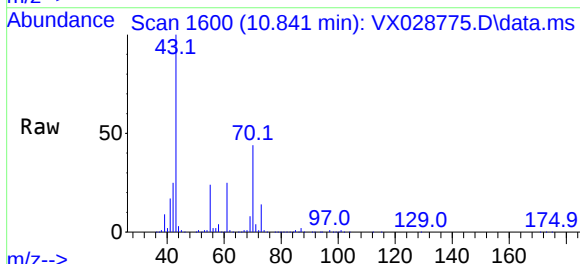
Tgt Ion:105 Resp: 747822
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.5

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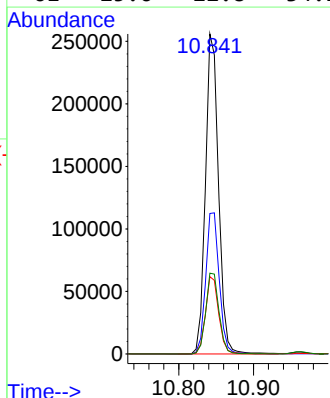
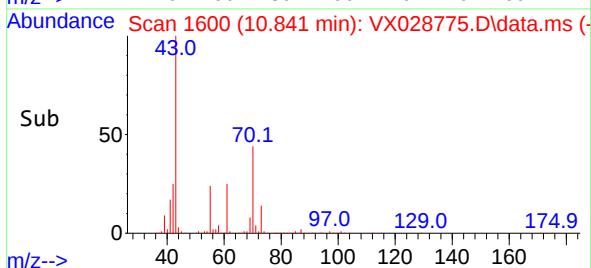
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

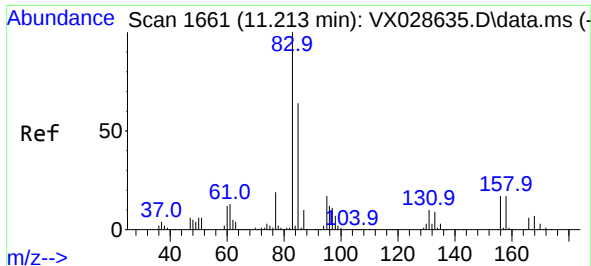


#74
N-ethyl acetate
Concen: 55.388 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



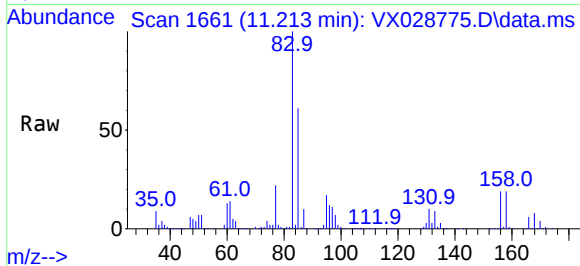
Tgt Ion: 43 Resp: 310810
Ion Ratio Lower Upper
43 100
70 45.8 42.5 63.7
55 24.5 23.1 34.7
61 25.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.847 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

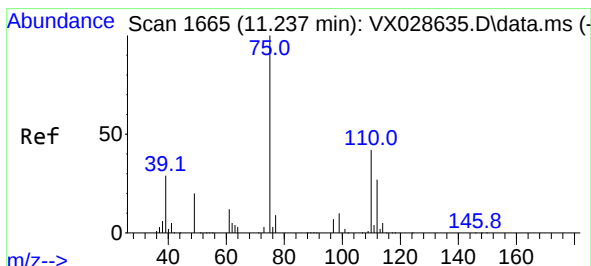
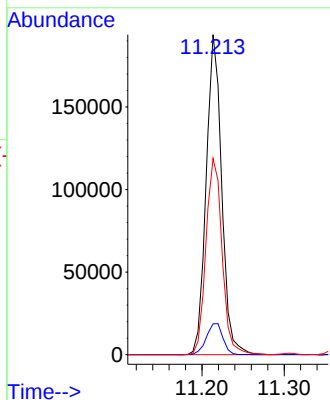
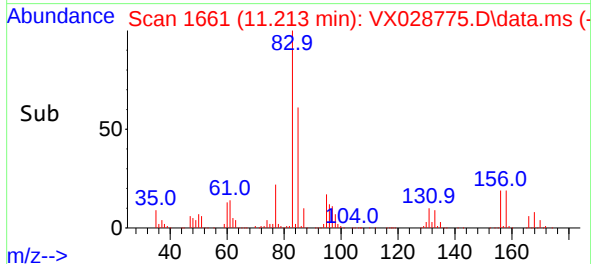
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



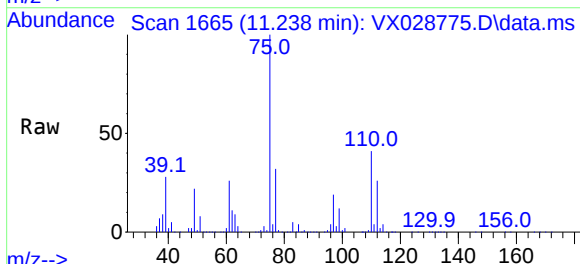
Tgt Ion: 83 Resp: 253910
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 63.8 32.6 97.7

Manual Integrations
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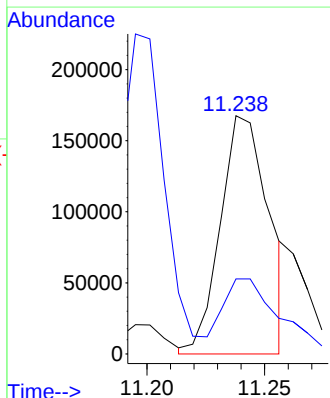
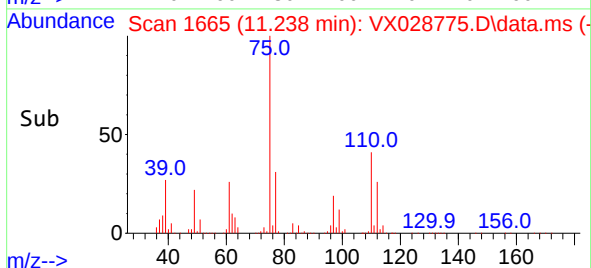
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

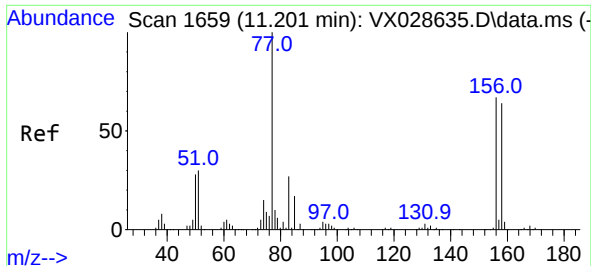


#76
1,2,3-Trichloropropane
Concen: 54.403 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



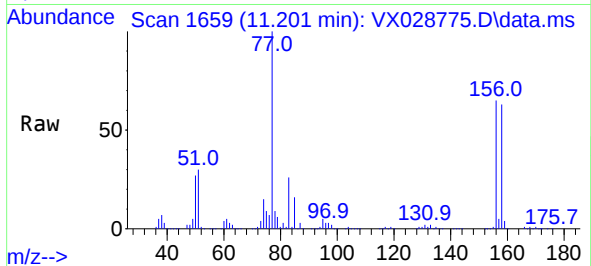
Tgt Ion: 75 Resp: 239830
Ion Ratio Lower Upper
75 100
77 37.1 19.4 58.2





#77
Bromobenzene
Concen: 53.792 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

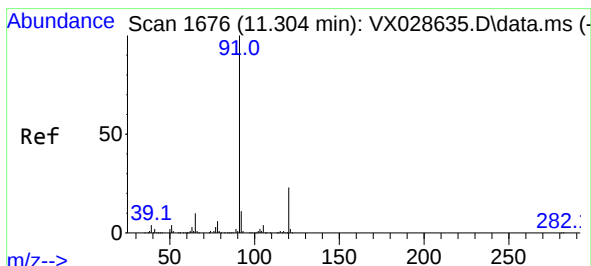
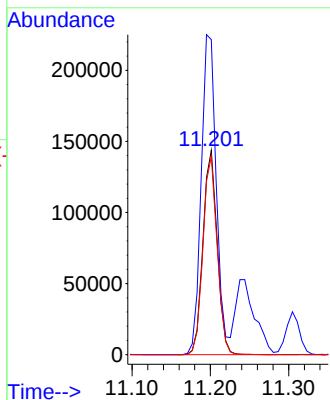
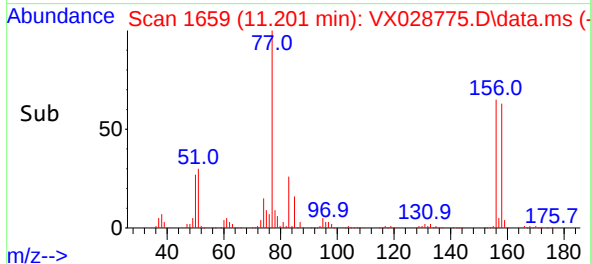
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



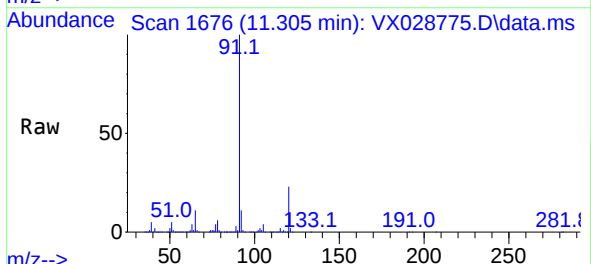
Tgt Ion:156 Resp: 181692
Ion Ratio Lower Upper
156 100
77 165.9 78.5 235.3
158 96.2 50.2 150.7

Manual Integrations
APPROVED

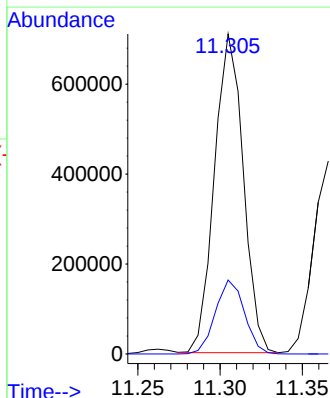
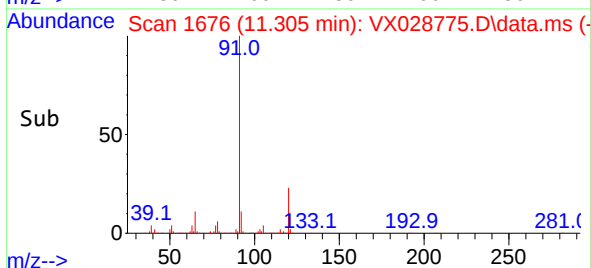
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

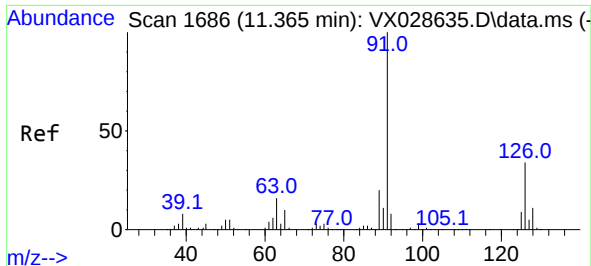


#78
n-propylbenzene
Concen: 52.374 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion: 91 Resp: 864825
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





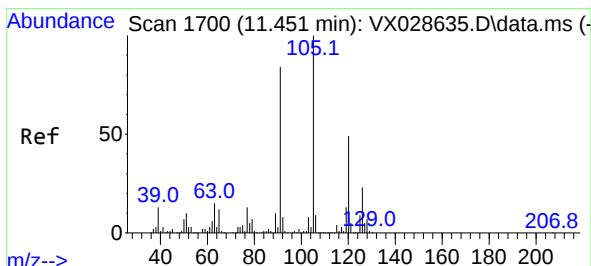
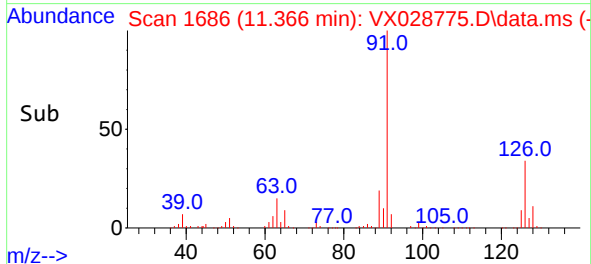
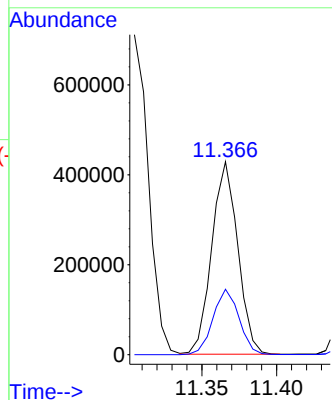
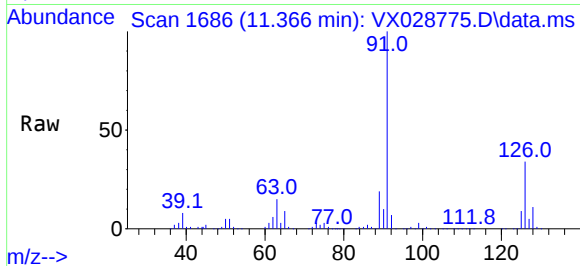
#79
2-Chlorotoluene
Concen: 51.165 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 517820
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.9

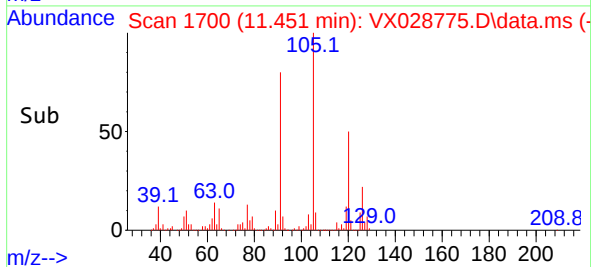
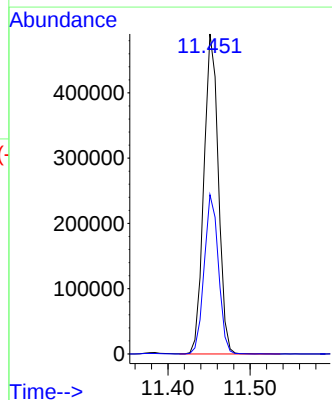
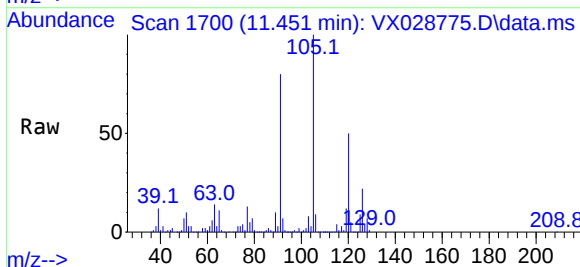
Manual Integrations
APPROVED

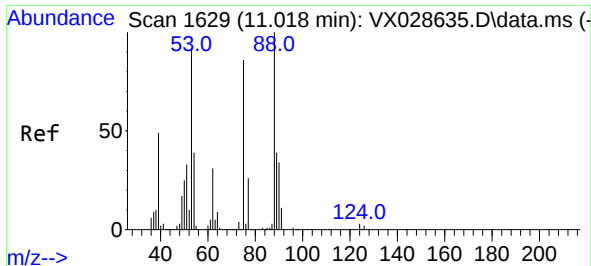
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.264 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Tgt Ion:105 Resp: 597888
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.9





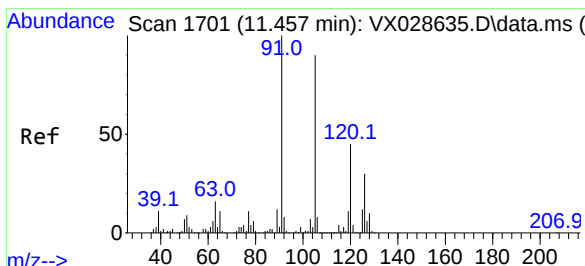
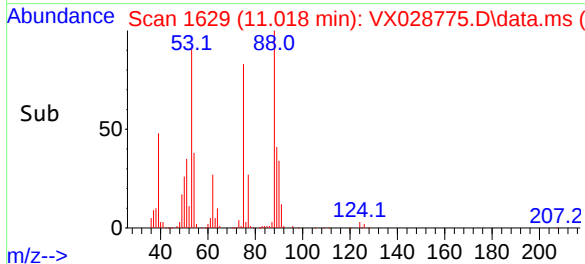
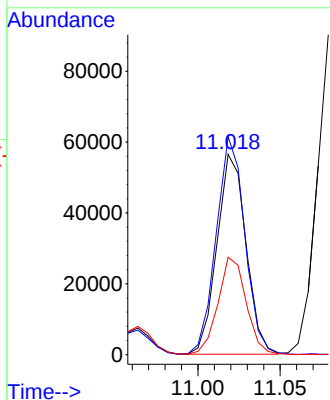
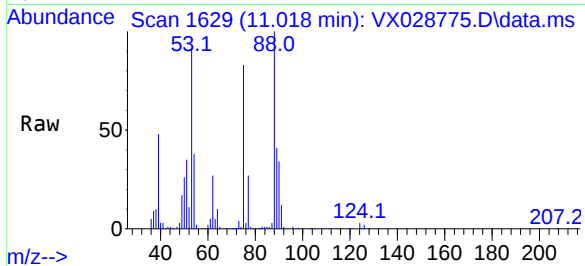
#81
trans-1,4-Dichloro-2-butene
Concen: 47.138 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 6930
Ion Ratio Lower Upper
75 100
53 107.3 69.0 103.4
89 47.2 37.0 55.6

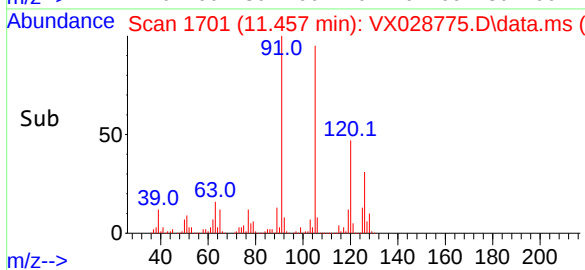
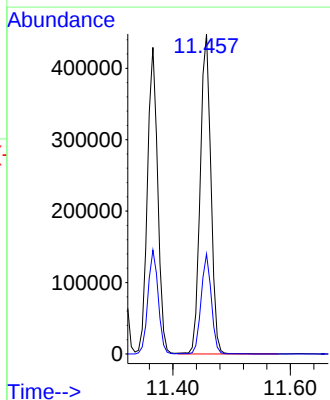
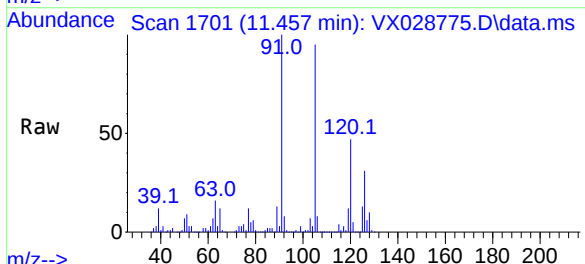
Manual Integrations
APPROVED

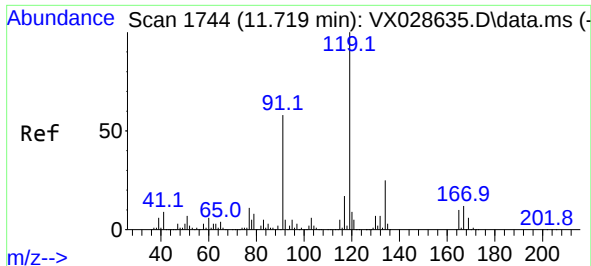
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#82
4-Chlorotoluene
Concen: 47.914 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Tgt Ion: 91 Resp: 560597
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.5





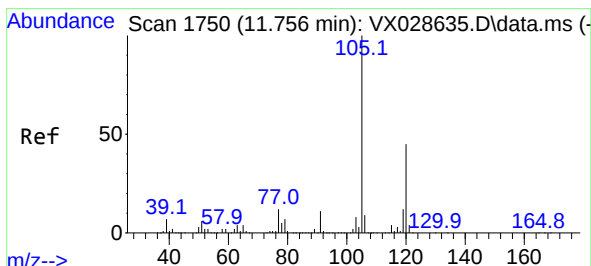
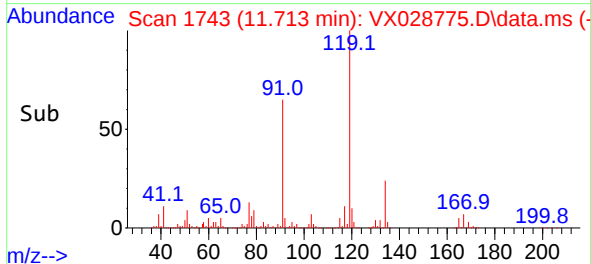
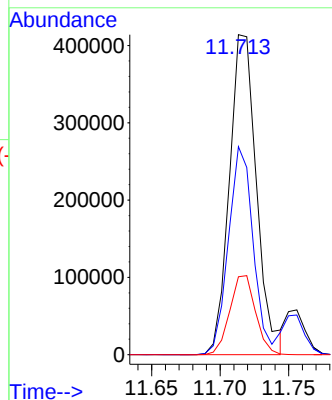
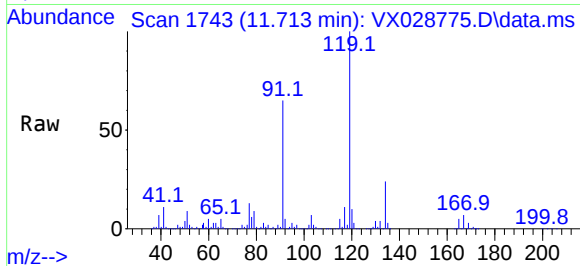
#83
tert-Butylbenzene
Concen: 49.722 ug/l
RT: 11.713 min Scan# 119
Delta R.T. -0.006 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 57263
Ion Ratio Lower Upper
119 100
91 58.9 26.9 80.6
134 23.5 11.4 34.2

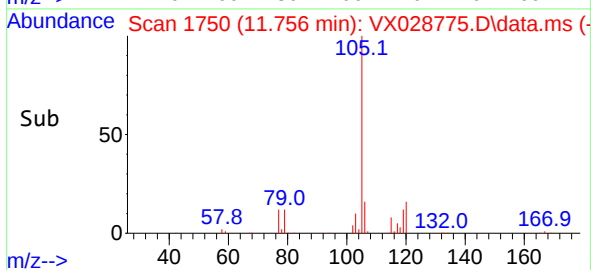
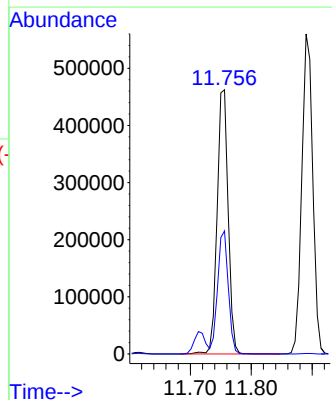
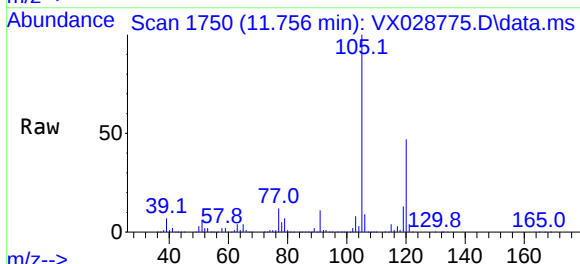
Manual Integrations
APPROVED

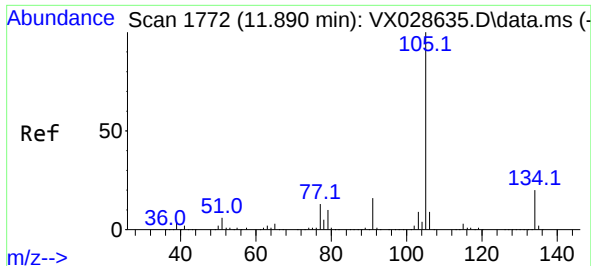
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#84
1,2,4-Trimethylbenzene
Concen: 48.728 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Tgt Ion:105 Resp: 581224
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 49.102 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028775.D
 Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

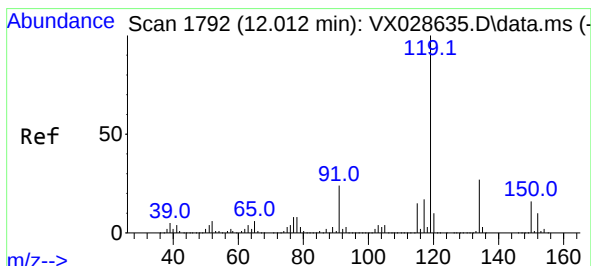
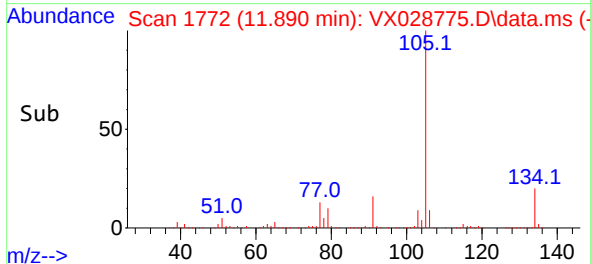
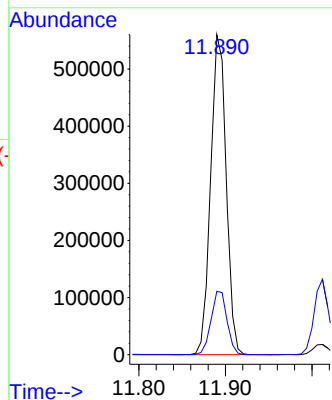
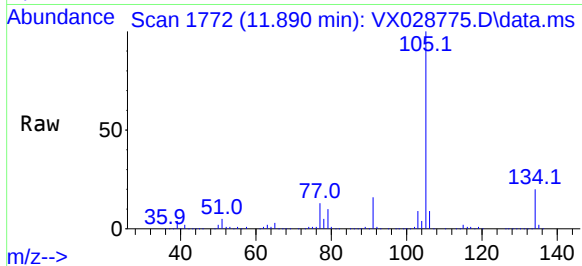
VSTDCCC050EC

Tgt Ion:105 Resp: 69754
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations

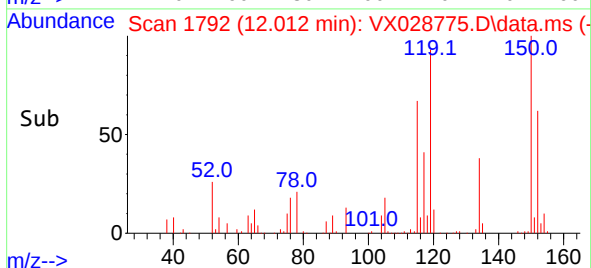
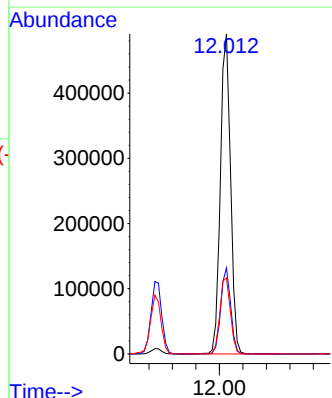
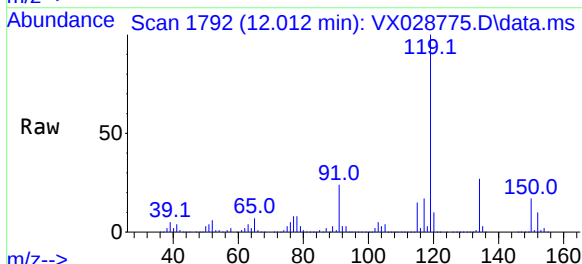
APPROVED

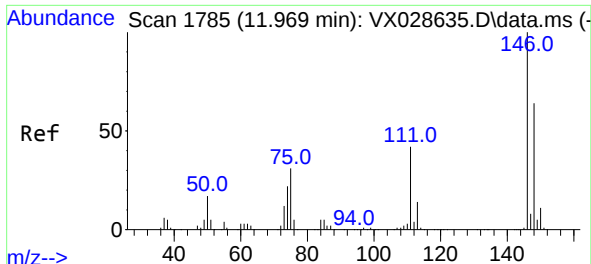
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#86
 p-Isopropyltoluene
 Concen: 49.310 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028775.D
 Acq: 17 May 2022 21:56

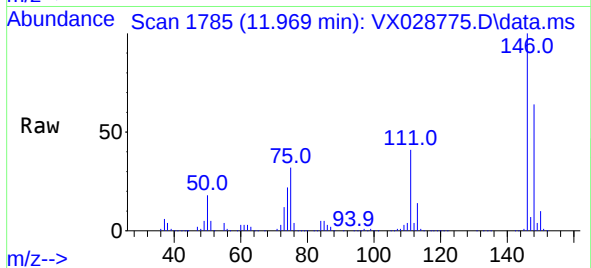
Tgt Ion:119 Resp: 587798
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.802 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

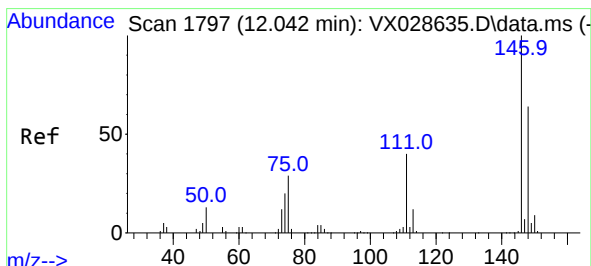
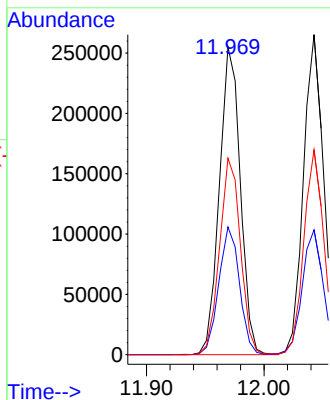
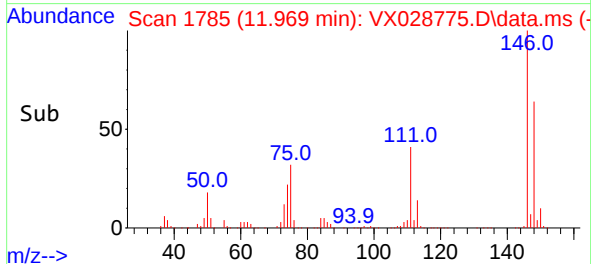
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



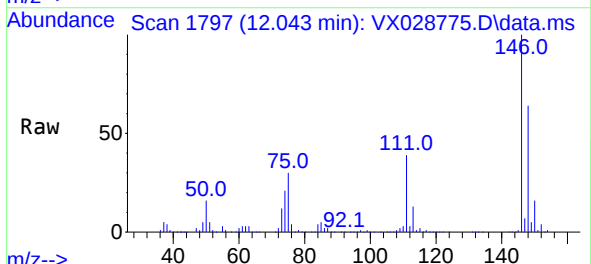
Tgt Ion:146 Resp: 31669
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.1
148 63.7 31.6 94.7

Manual Integrations
APPROVED

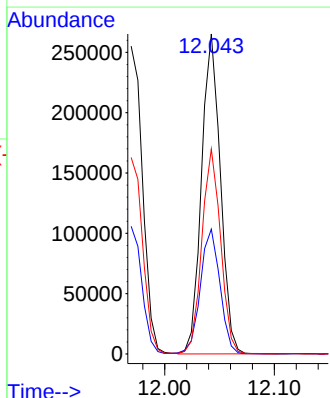
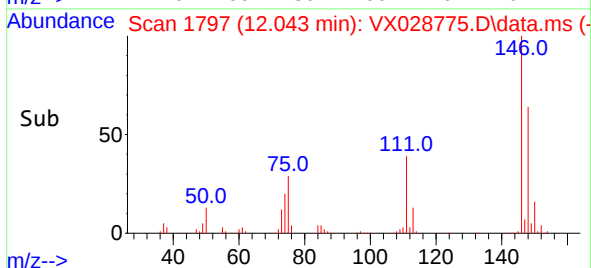
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

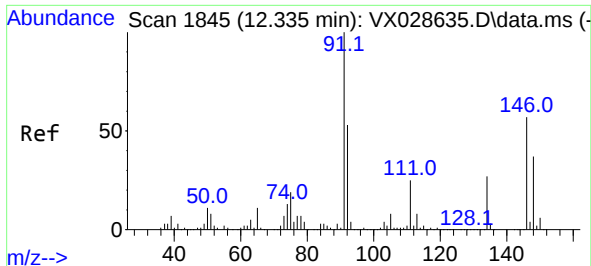


#88
1,4-Dichlorobenzene
Concen: 46.152 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion:146 Resp: 317147
Ion Ratio Lower Upper
146 100
111 40.5 19.2 57.6
148 63.7 32.3 96.9





#89
n-Butylbenzene
Concen: 48.376 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

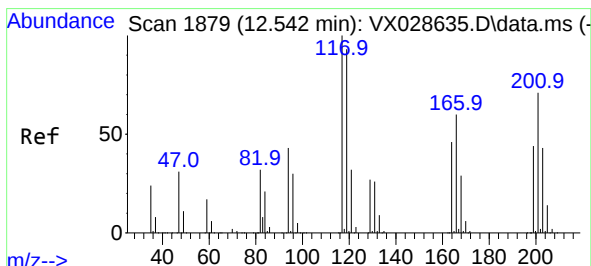
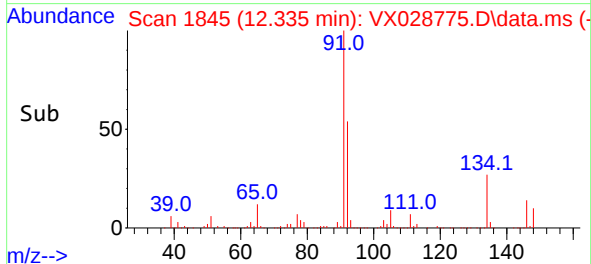
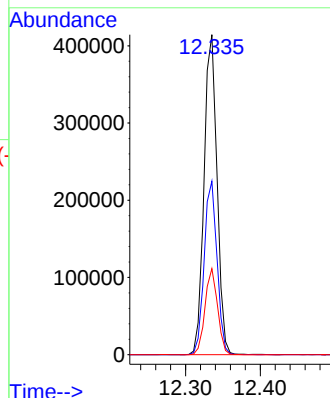
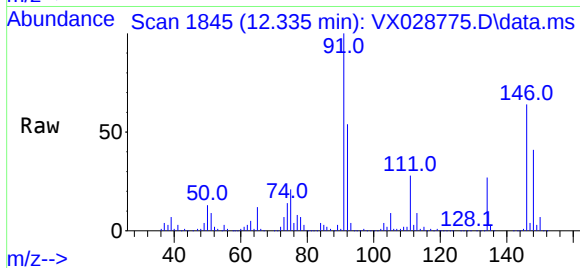
VSTDCCC050EC

Tgt Ion: 91 Resp: 499652
Ion Ratio Lower Upper
91 100
92 53.8 27.8 83.3
134 26.0 13.3 39.8

Manual Integrations

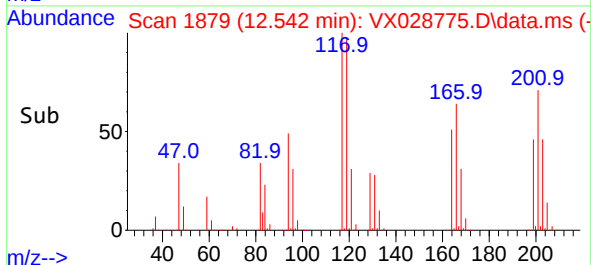
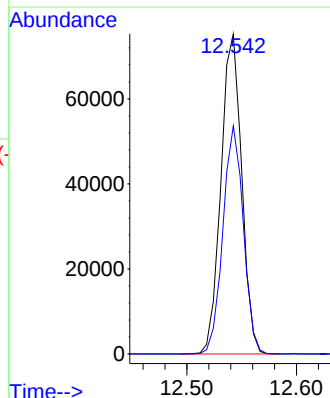
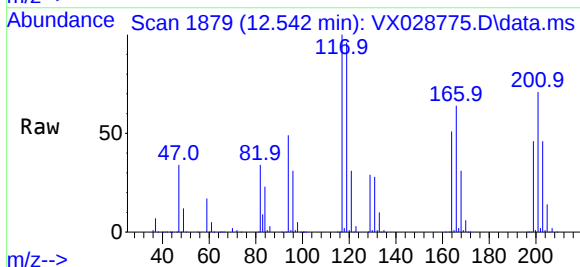
APPROVED

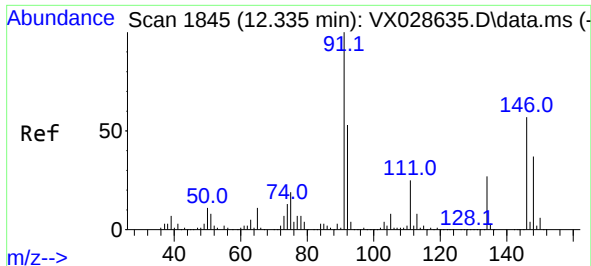
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachloroethane
Concen: 51.308 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

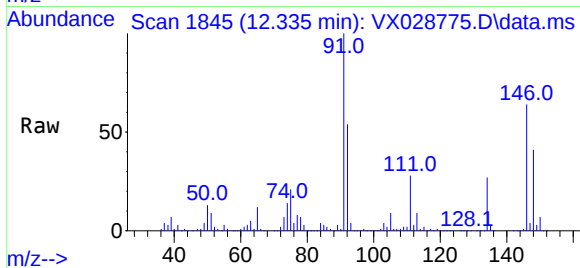
Tgt Ion:117 Resp: 98908
Ion Ratio Lower Upper
117 100
201 70.3 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 48.264 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

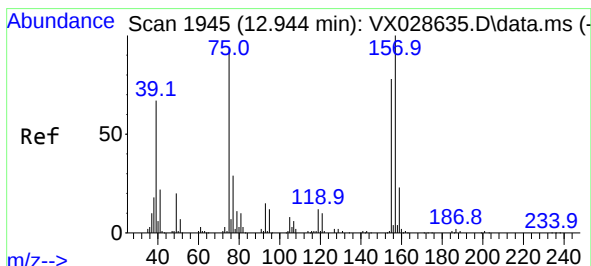
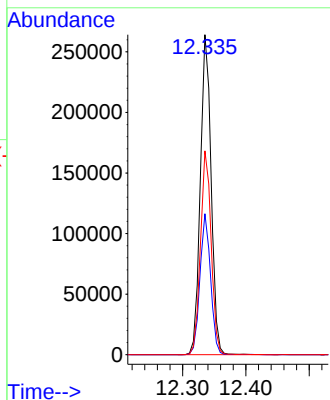
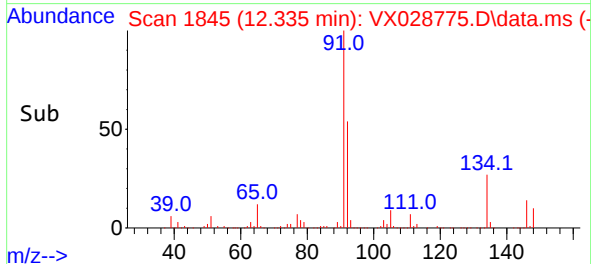
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



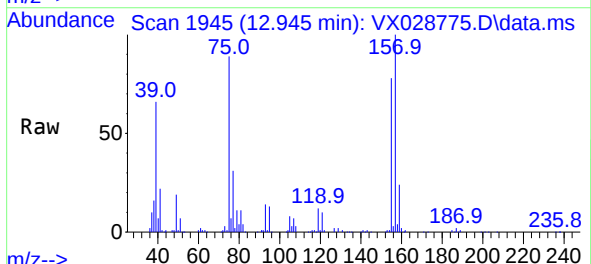
Tgt Ion:146 Resp: 314110
Ion Ratio Lower Upper
146 100
111 43.3 21.0 63.0
148 63.4 32.6 97.7

Manual Integrations
APPROVED

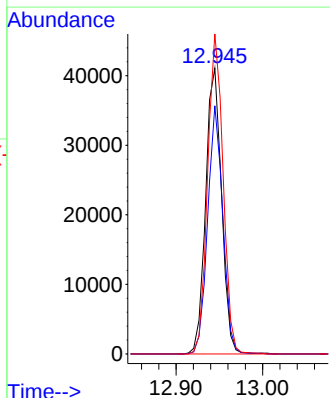
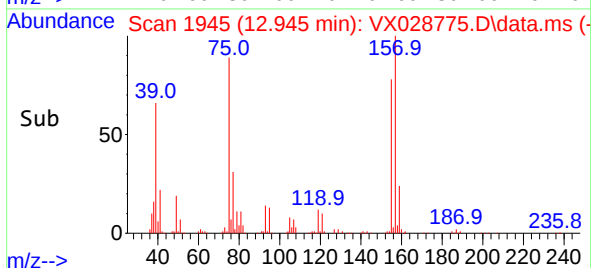
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

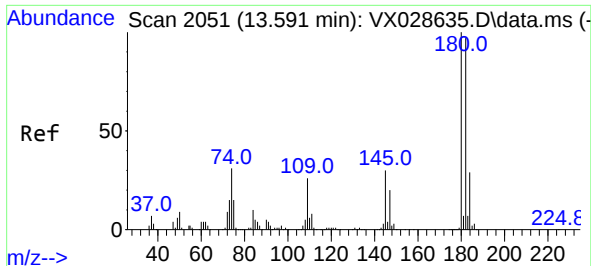


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.126 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56



Tgt Ion: 75 Resp: 52417
Ion Ratio Lower Upper
75 100
155 82.8 47.0 141.2
157 109.1 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 48.102 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Instrument :

MSVOA_X

ClientSampleId :

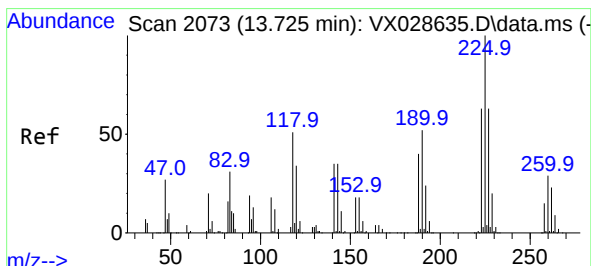
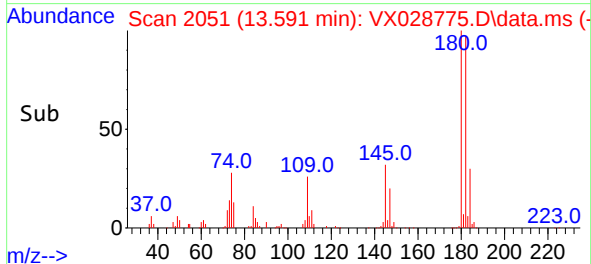
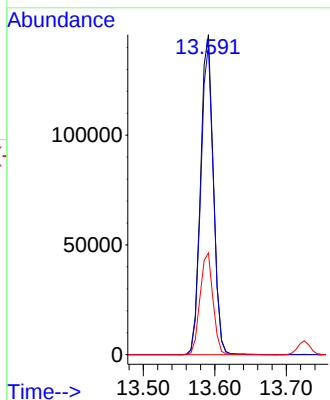
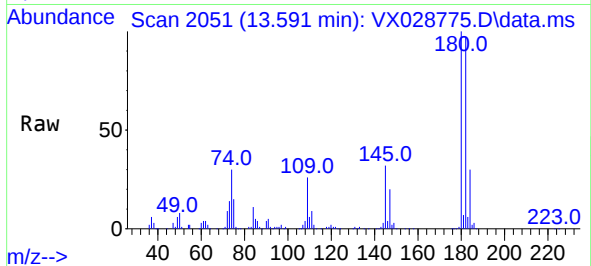
VSTDCCC050EC

Tgt Ion:180 Resp: 18081
Ion Ratio Lower Upper
180 100
182 95.6 47.7 143.1
145 32.3 15.2 45.5

Manual Integrations

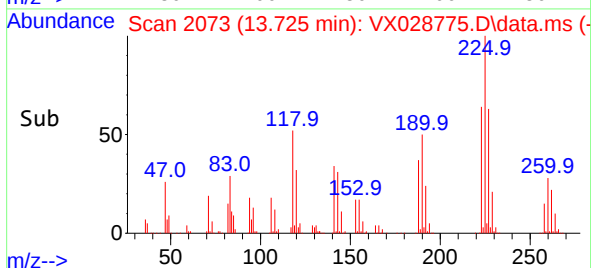
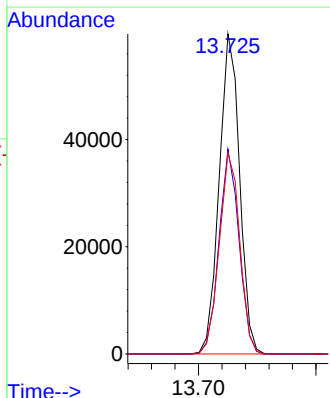
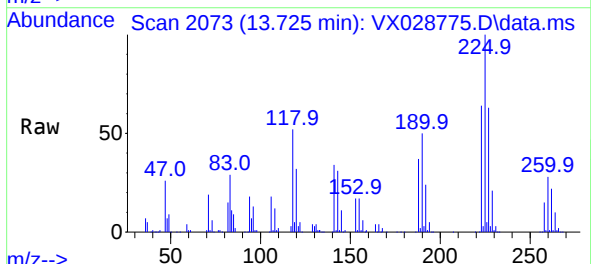
APPROVED

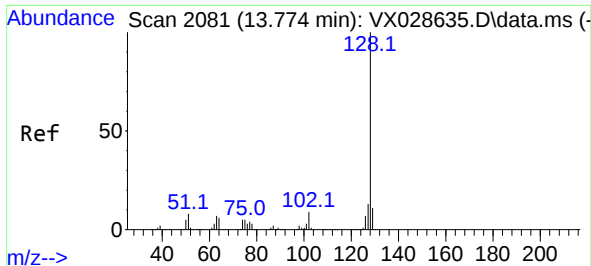
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#94
Hexachlorobutadiene
Concen: 47.160 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

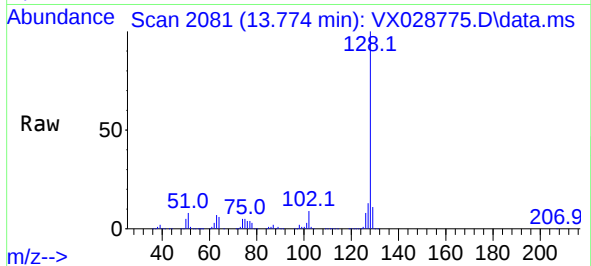
Tgt Ion:225 Resp: 72018
Ion Ratio Lower Upper
225 100
223 62.8 34.2 102.5
227 63.1 33.9 101.7





#95
Naphthalene
Concen: 50.770 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

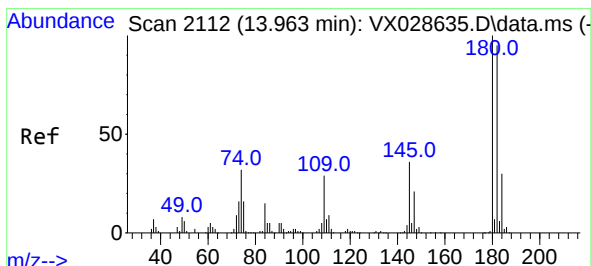
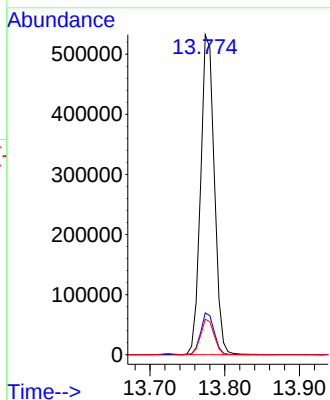
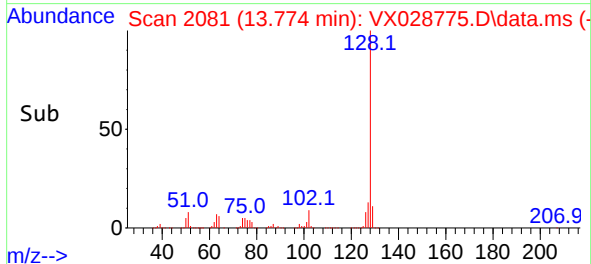
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 679119
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.266 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028775.D
Acq: 17 May 2022 21:56

Tgt Ion:180 Resp: 182224
Ion Ratio Lower Upper
180 100
182 93.7 50.0 149.8
145 33.9 16.2 48.5

