

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028795.D
 Acq On : 18 May 2022 10:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

Quant Time: May 19 01:31:06 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	5.550	168	211987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	203647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136376	46.932	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.860%		
35) Dibromofluoromethane	5.385	113	112236	49.428	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.860%		
50) Toluene-d8	8.647	98	491028	57.357	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	114.720%		
62) 4-Bromofluorobenzene	11.079	95	199908	62.518	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	125.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	126831	45.692	ug/l	100
3) Chloromethane	1.288	50	120061	45.928	ug/l	99
4) Vinyl Chloride	1.374	62	133768	47.484	ug/l	99
5) Bromomethane	1.599	94	89615	44.361	ug/l	98
6) Chloroethane	1.679	64	90517	51.054	ug/l	98
7) Trichlorofluoromethane	1.886	101	259540	57.786	ug/l	98
8) Diethyl Ether	2.130	74	84988	51.931	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	116471	49.279	ug/l	96
10) Methyl Iodide	2.453	142	135022	47.717	ug/l	95
11) Tert butyl alcohol	2.983	59	129874	209.302	ug/l	99
12) 1,1-Dichloroethene	2.319	96	108441	49.427	ug/l	96
13) Acrolein	2.233	56	107383	225.140	ug/l	98
14) Allyl chloride	2.660	41	167648	47.643	ug/l	90
15) Acrylonitrile	3.062	53	324201	231.564	ug/l	98
16) Acetone	2.380	43	277201	222.273	ug/l	92
17) Carbon Disulfide	2.508	76	262109	46.087	ug/l	99
18) Methyl Acetate	2.703	43	148028	47.391	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	383642	49.276	ug/l	99
20) Methylene Chloride	2.788	84	123202	47.088	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	117887	47.703	ug/l	99
22) Diisopropyl ether	3.757	45	363626	48.356	ug/l #	85
23) Vinyl Acetate	3.721	43	1593825	245.863	ug/l	96
24) 1,1-Dichloroethane	3.605	63	211511	48.383	ug/l	99
25) 2-Butanone	4.556	43	444337	226.983	ug/l	97
26) 2,2-Dichloropropane	4.477	77	167786	48.951	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	137893	47.775	ug/l	100
28) Bromochloromethane	4.891	49	84537	45.942	ug/l	95
29) Tetrahydrofuran	5.001	42	289233	227.304	ug/l	93
30) Chloroform	5.093	83	230262	48.669	ug/l	99
31) Cyclohexane	5.471	56	188302	46.685	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	202046	48.917	ug/l	99
36) 1,1-Dichloropropene	5.690	75	168535	49.416	ug/l	100
37) Ethyl Acetate	4.708	43	175861	49.368	ug/l	97
38) Carbon Tetrachloride	5.678	117	175636	51.172	ug/l	98
39) Methylcyclohexane	7.379	83	201709	51.571	ug/l	96
40) Benzene	6.037	78	487483	49.734	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	93878	49.151	ug/l	94
42) 1,2-Dichloroethane	6.086	62	182149	50.380	ug/l	98
43) Isopropyl Acetate	6.336	43	277704	49.830	ug/l	95
44) Trichloroethene	7.123	130	134483	50.589	ug/l	93
45) 1,2-Dichloropropane	7.427	63	123316	50.425	ug/l	98
46) Dibromomethane	7.580	93	92591	50.698	ug/l	94
47) Bromodichloromethane	7.824	83	176710	52.116	ug/l	98
48) Methyl methacrylate	7.690	41	137038	50.903	ug/l	86
49) 1,4-Dioxane	7.665	88	59827	889.553	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1042133	283.893	ug/l	94
52) Toluene	8.720	92	370554	58.768	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	217446	55.524	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	218186	57.188	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	146327	56.912	ug/l	99
56) Ethyl methacrylate	9.116	69	229828	59.028	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	260416	60.051	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	546741	286.818	ug/l	98
59) 2-Hexanone	9.433	43	834740	292.686	ug/l	91
60) Dibromochloromethane	9.525	129	165615	66.047	ug/l	97
61) 1,2-Dibromoethane	9.610	107	167002	61.842	ug/l	99
64) Tetrachloroethene	9.275	164	152858	52.021	ug/l	98
65) Chlorobenzene	10.079	112	409045	49.552	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	157720	53.937	ug/l	97
67) Ethyl Benzene	10.195	91	751386	50.784	ug/l	99
68) m/p-Xylenes	10.305	106	582041	101.042	ug/l	97
69) o-Xylene	10.640	106	282743	49.854	ug/l	95
70) Styrene	10.659	104	479302	52.041	ug/l	96
71) Bromoform	10.799	173	115986	47.943	ug/l	98
73) Isopropylbenzene	10.963	105	758873	49.138	ug/l	99
74) N-amyl acetate	10.841	43	294838	48.567	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	249727	47.135	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	230167m	48.261	ug/l	
77) Bromobenzene	11.201	156	179619	49.155	ug/l	96
78) n-propylbenzene	11.305	91	879381	49.226	ug/l	100
79) 2-Chlorotoluene	11.366	91	537756	49.115	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	656429	51.011	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69858	44.185	ug/l #	83
82) 4-Chlorotoluene	11.457	91	628996	49.693	ug/l	99
83) tert-Butylbenzene	11.713	119	636516	51.088	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	657397	50.944	ug/l	98
85) sec-Butylbenzene	11.890	105	784638	51.055	ug/l	100
86) p-Isopropyltoluene	12.012	119	682724	52.940	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	351795	49.083	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	358649	48.243	ug/l	98
89) n-Butylbenzene	12.335	91	581618	52.052	ug/l	99
90) Hexachloroethane	12.542	117	107636	51.612	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	352558	50.073	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	60608	53.575	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	195020	47.956	ug/l	99
94) Hexachlorobutadiene	13.725	225	71266	43.137	ug/l	95
95) Naphthalene	13.774	128	631194	43.617	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	175460	42.959	ug/l	96

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VSTDCCC050

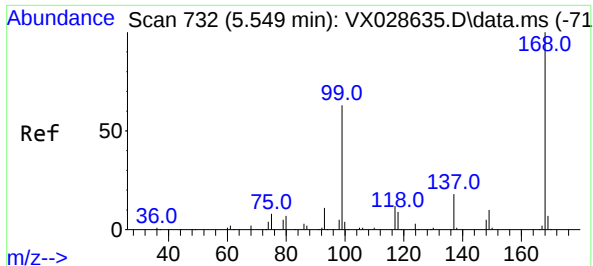
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APPROVED

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Response via : Initial Calibration

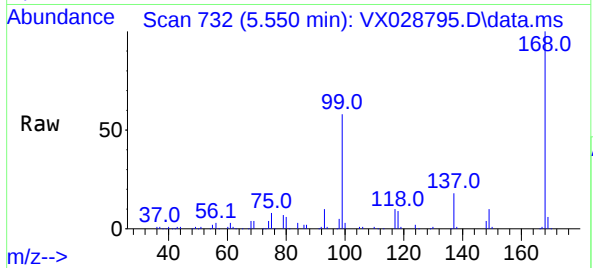
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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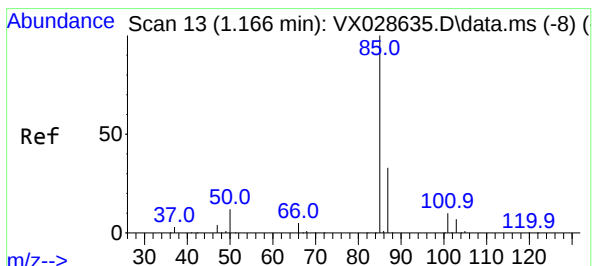
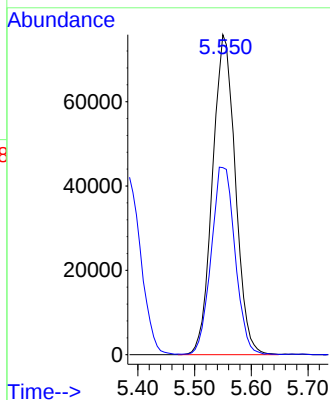
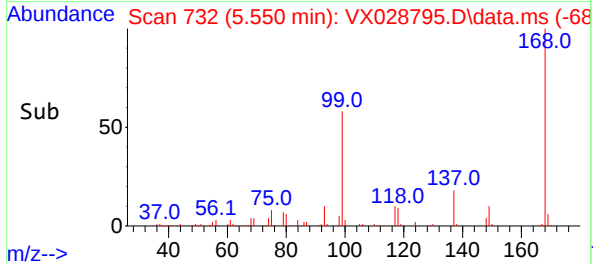
Instrument :
MSVOA_X
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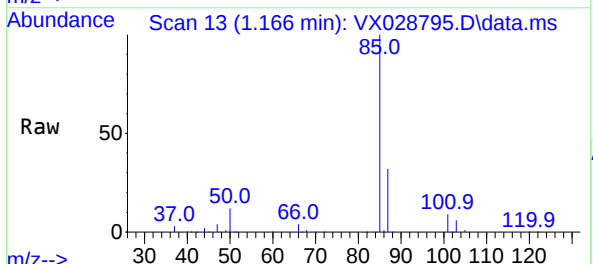
Tgt Ion:168 Resp: 21198
Ion Ratio Lower Upper
168 100
99 58.4 41.7 62.5

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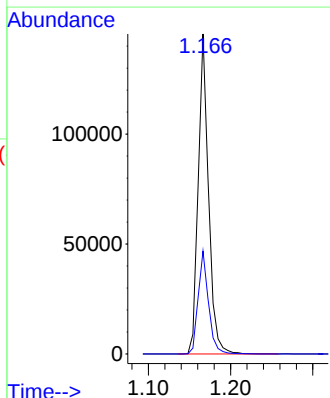
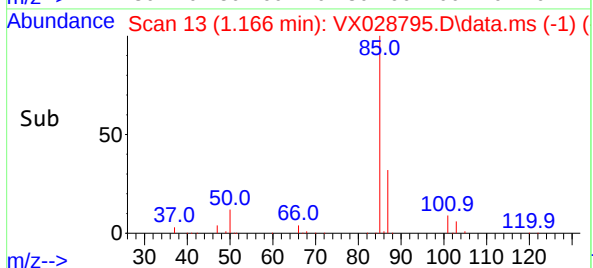
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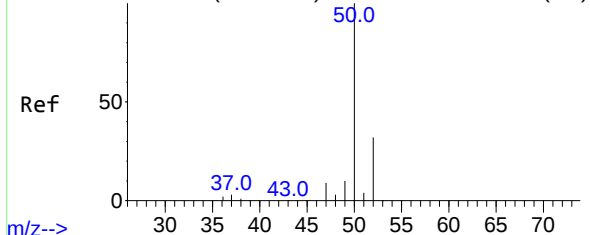
#2
Dichlorodifluoromethane
Concen: 45.692 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion: 85 Resp: 126831
Ion Ratio Lower Upper
85 100
87 32.2 16.2 48.6



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



#3

Chloromethane

Concen: 45.928 ug/l

RT: 1.288 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 12006

Ion Ratio Lower Upper

50 100

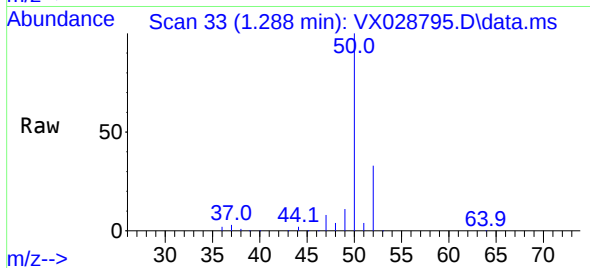
52 33.5 26.4 39.6

Manual Integrations

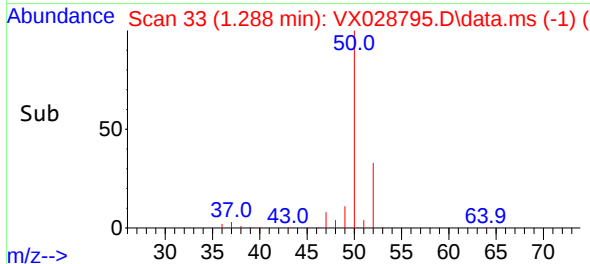
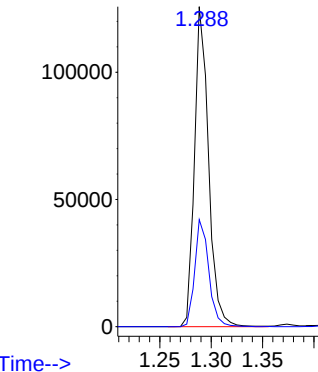
APPROVED

Reviewed By :John Carlone 05/19/2022

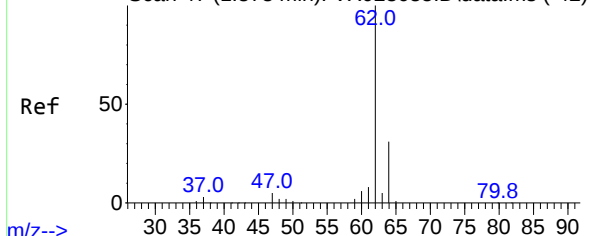
Supervised By :Mahesh Dadoda 05/19/2022



Abundance



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



#4

Vinyl Chloride

Concen: 47.484 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX028795.D

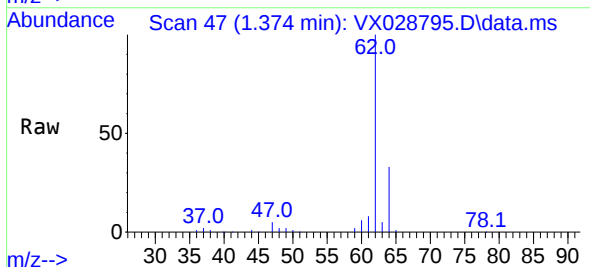
Acq: 18 May 2022 10:44

Tgt Ion: 62 Resp: 133768

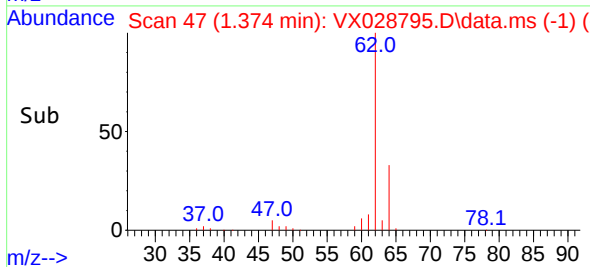
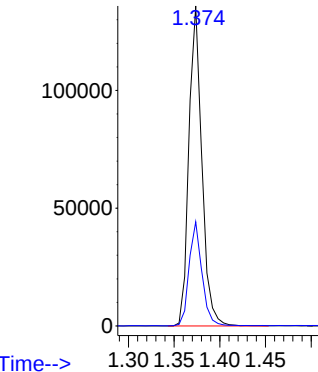
Ion Ratio Lower Upper

62 100

64 32.5 25.5 38.3



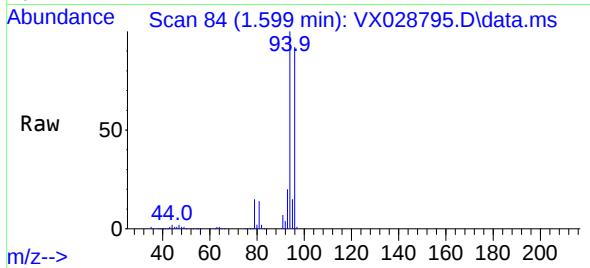
Abundance





#5
Bromomethane
Concen: 44.361 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

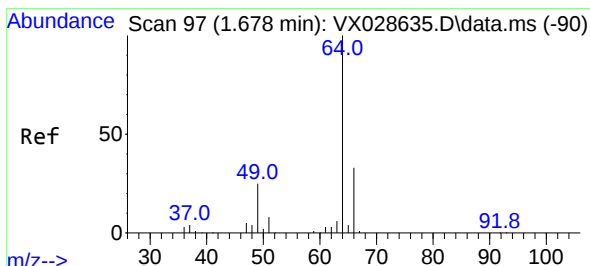
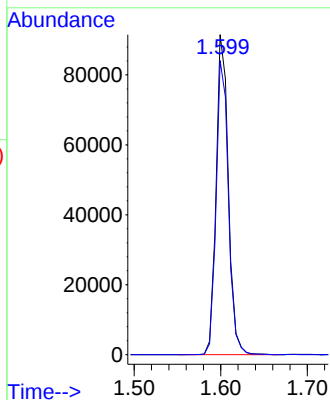
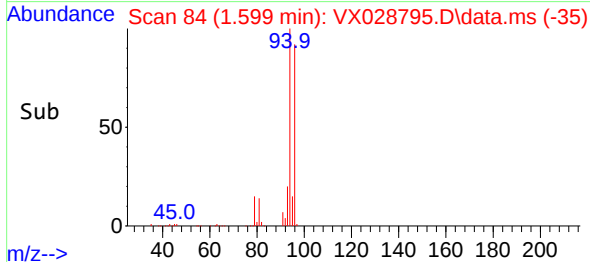
Instrument :
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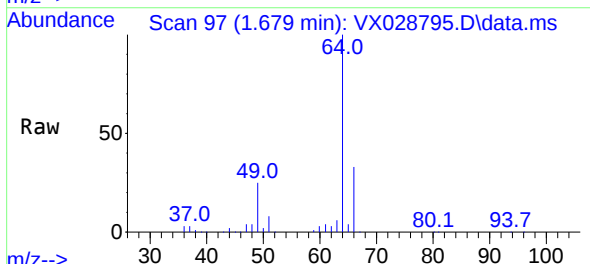
Tgt Ion: 94 Resp: 8961
Ion Ratio Lower Upper
94 100
96 91.9 75.3 112.9

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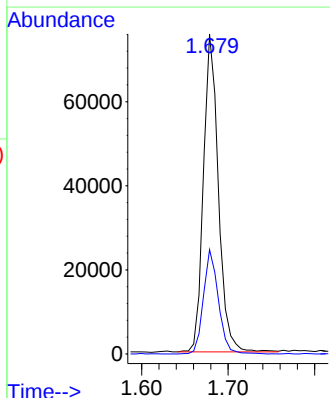
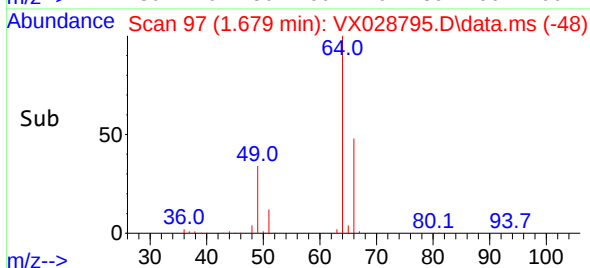
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#6
Chloroethane
Concen: 51.054 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



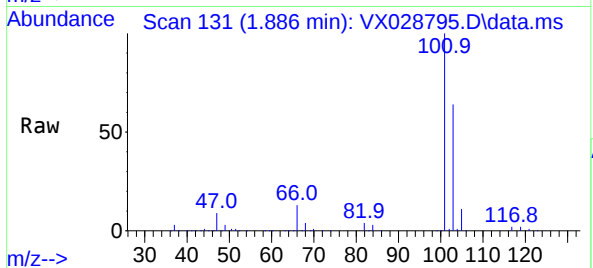
Tgt Ion: 64 Resp: 90517
Ion Ratio Lower Upper
64 100
66 32.8 25.3 37.9





#7
Trichlorofluoromethane
Concen: 57.786 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028795.D
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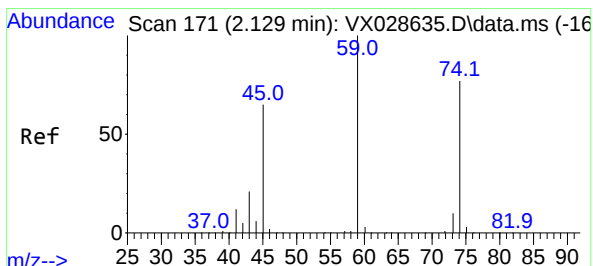
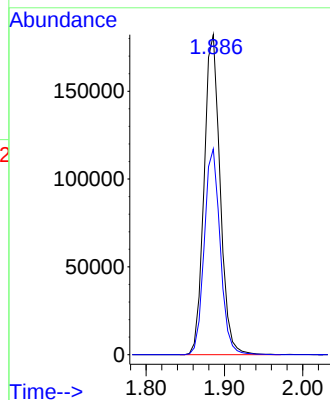
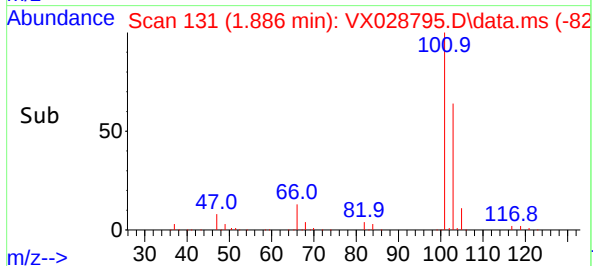
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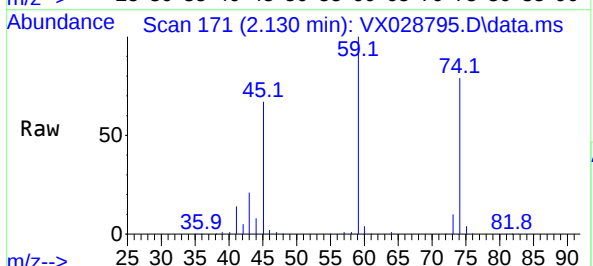
Tgt Ion:101 Resp: 259540
Ion Ratio Lower Upper
101 100
103 64.3 50.5 75.7

Manual Integrations
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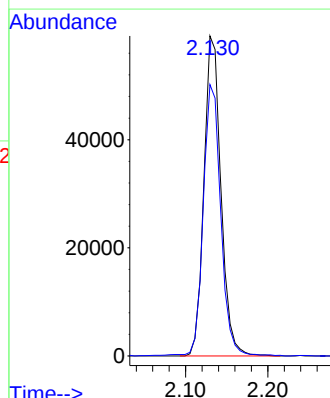
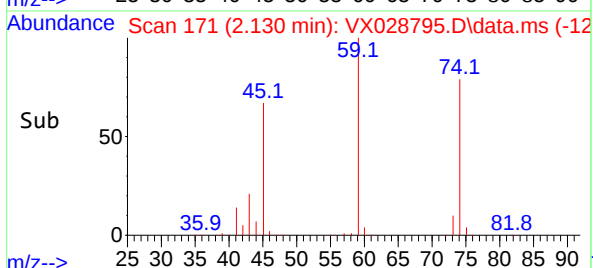
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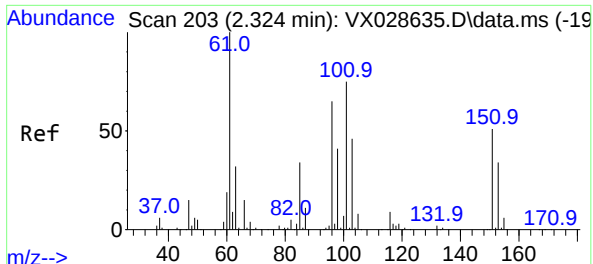


#8
Diethyl Ether
Concen: 51.931 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX028795.D
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Tgt Ion: 74 Resp: 84988
Ion Ratio Lower Upper
74 100
45 87.7 42.0 126.0





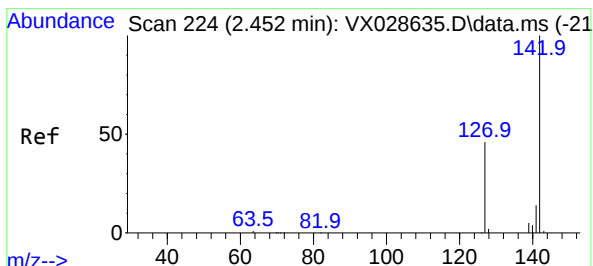
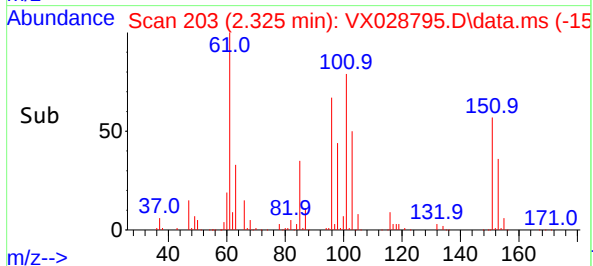
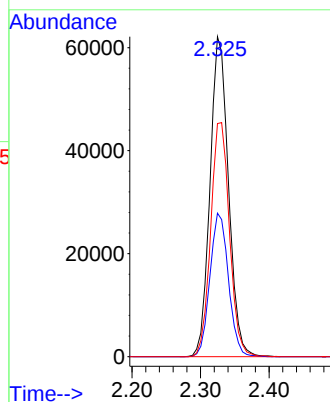
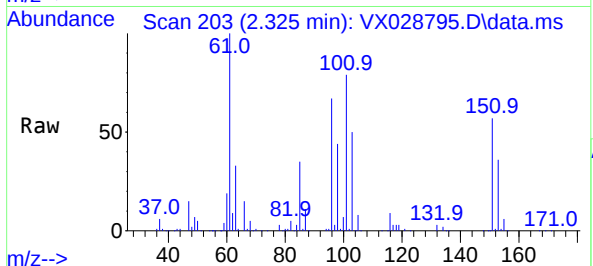
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.279 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

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Tgt Ion:101 Resp: 11647
Ion Ratio Lower Upper
101 100
85 45.0 33.5 50.3
151 74.6 61.8 92.6

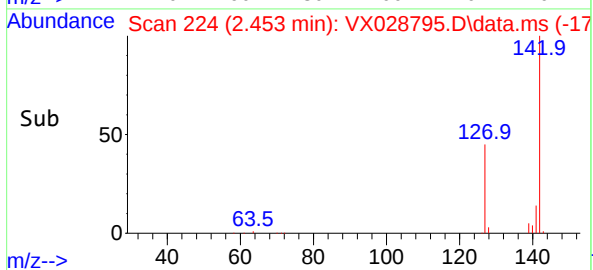
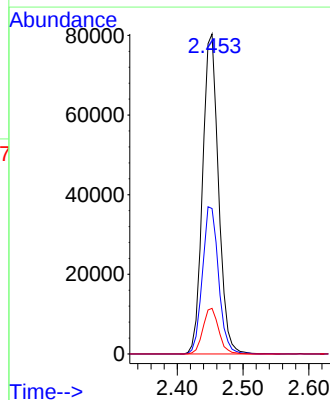
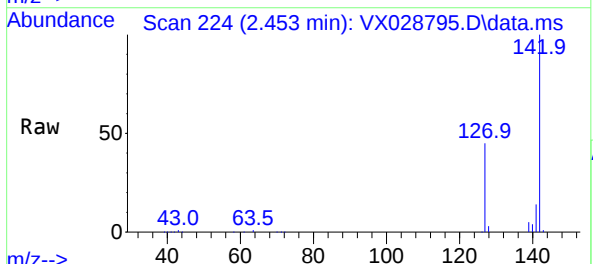
Manual Integrations
APPROVED

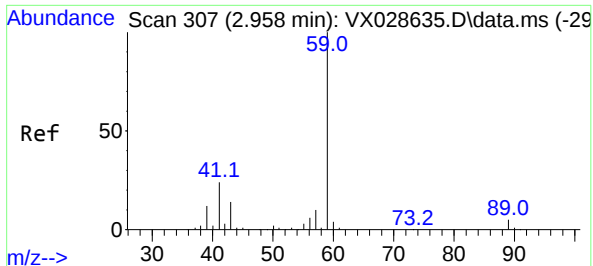
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#10
Methyl Iodide
Concen: 47.717 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

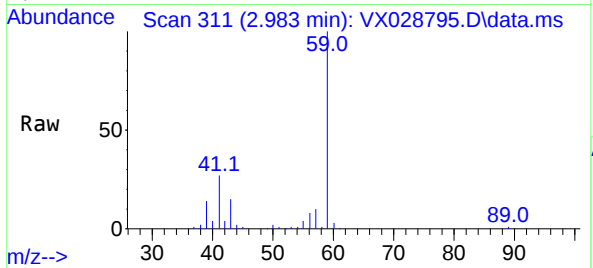
Tgt Ion:142 Resp: 135022
Ion Ratio Lower Upper
142 100
127 46.8 33.9 50.9
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 209.302 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.025 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

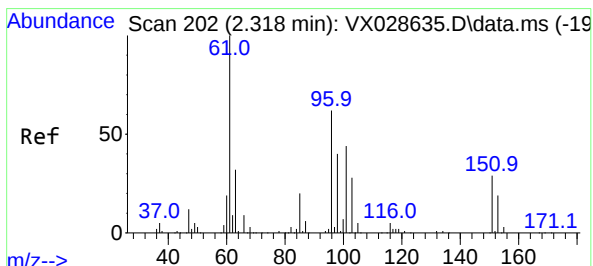
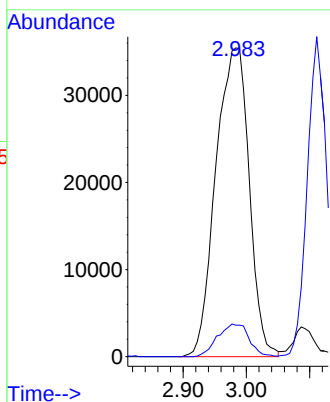
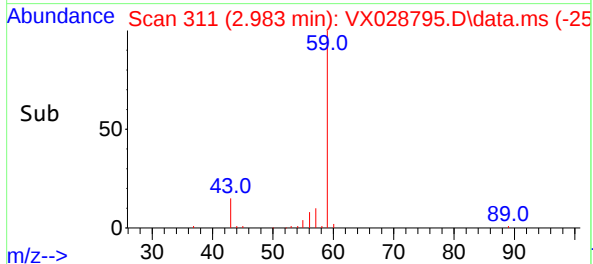
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 129874
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

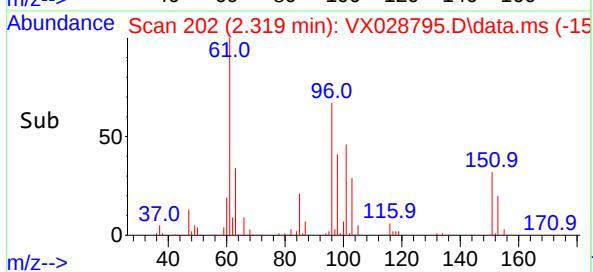
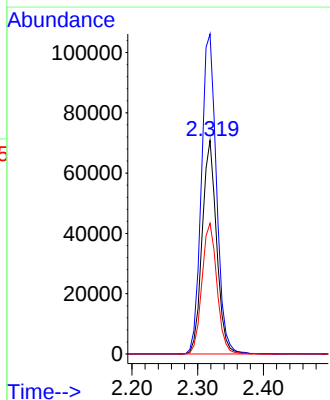
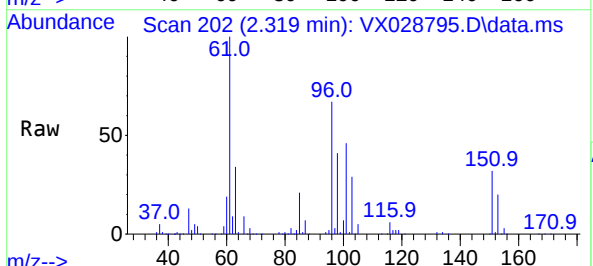
Manual Integrations
APPROVED

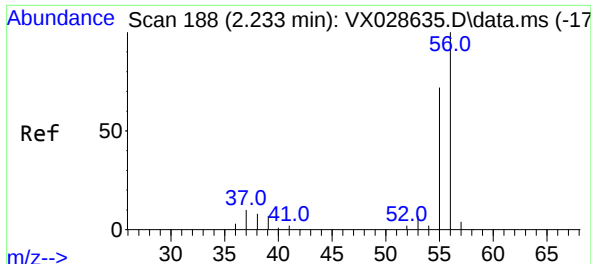
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#12
1,1-Dichloroethene
Concen: 49.427 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

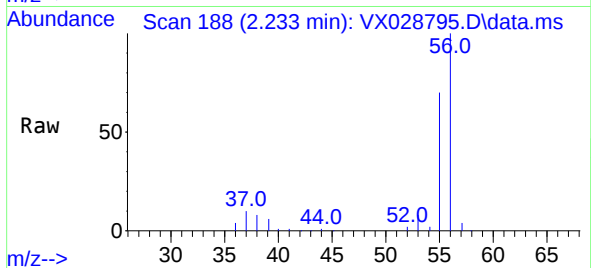
Tgt Ion: 96 Resp: 108441
Ion Ratio Lower Upper
96 100
61 149.8 124.6 187.0
98 61.2 51.0 76.4





#13
Acrolein
Concen: 225.140 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

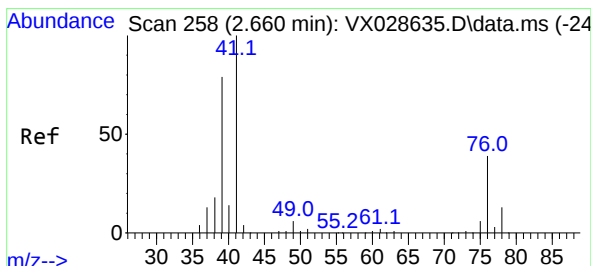
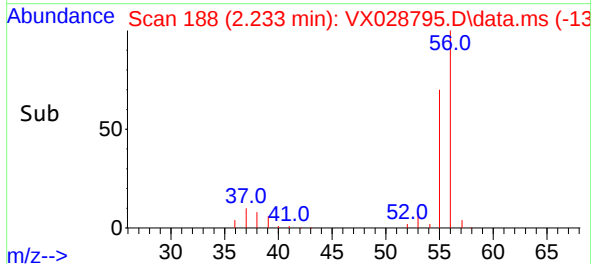
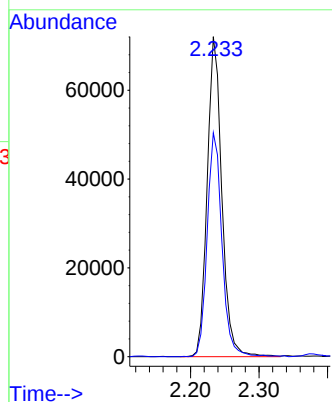
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10738
Ion Ratio Lower Upper
56 100
55 70.7 55.0 82.6

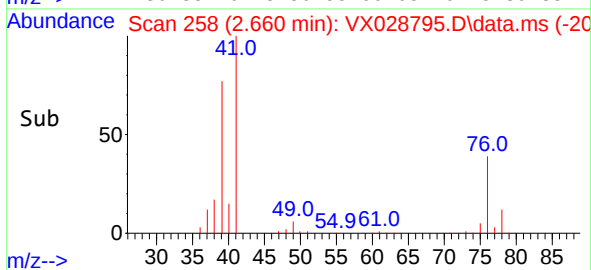
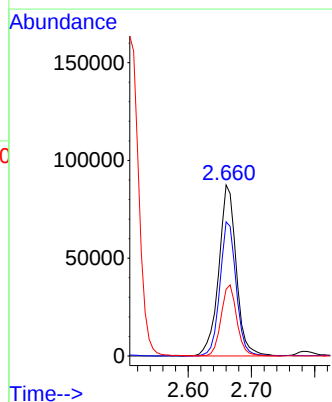
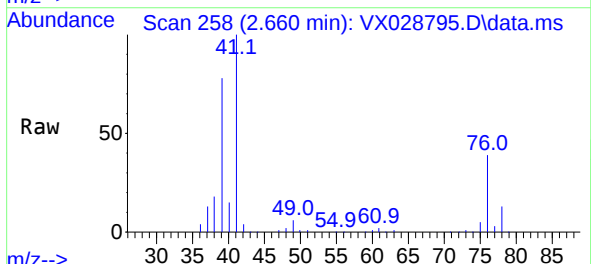
Manual Integrations
APPROVED

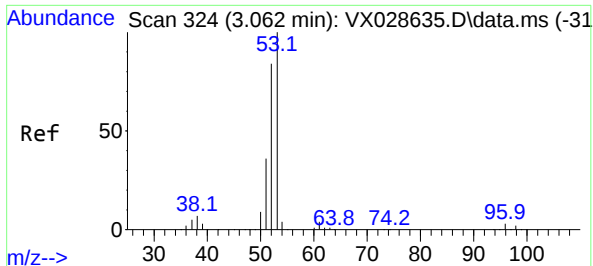
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#14
Allyl chloride
Concen: 47.643 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Tgt Ion: 41 Resp: 167648
Ion Ratio Lower Upper
41 100
39 72.6 50.4 75.6
76 37.1 32.7 49.1





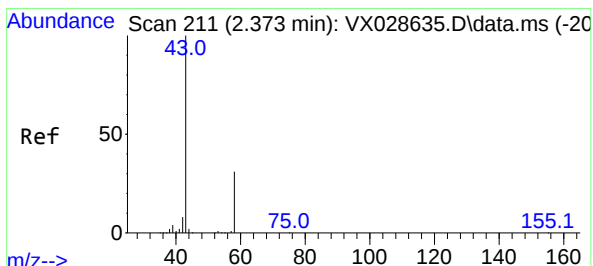
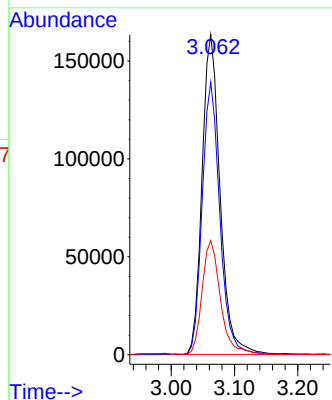
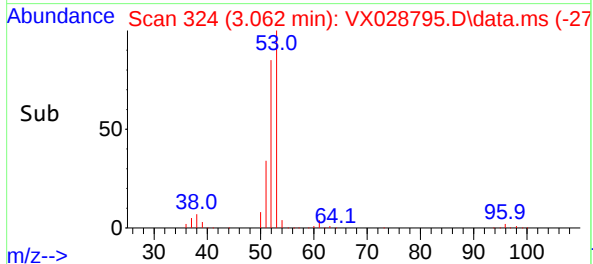
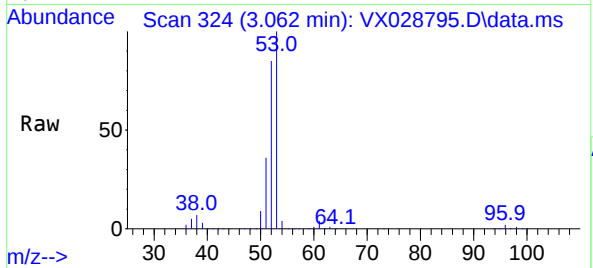
#15
Acrylonitrile
Concen: 231.564 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 32420
Ion Ratio Lower Upper
53 100
52 83.7 65.7 98.5
51 36.4 28.4 42.6

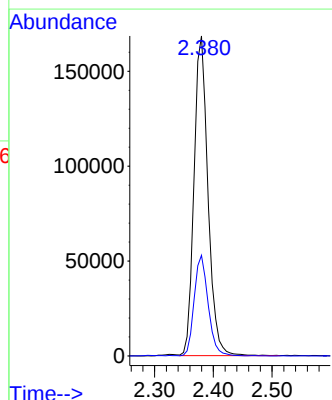
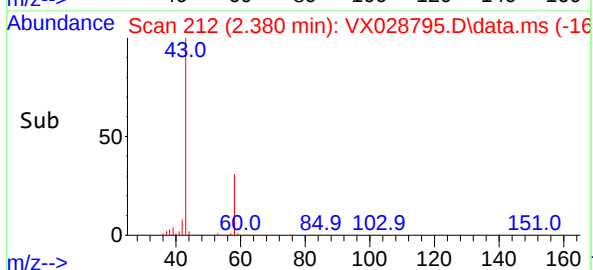
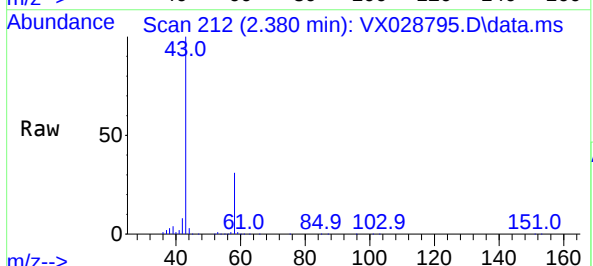
Manual Integrations
APPROVED

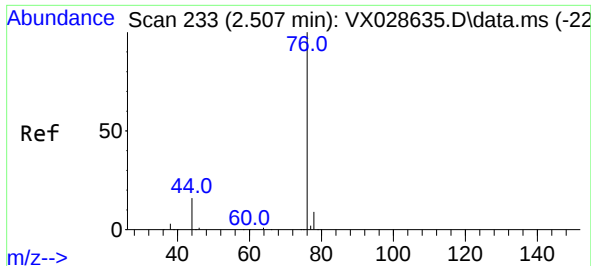
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#16
Acetone
Concen: 222.273 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

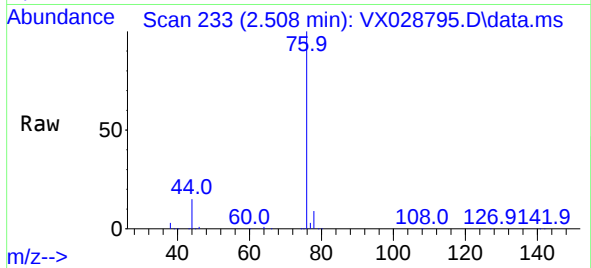
Tgt Ion: 43 Resp: 277201
Ion Ratio Lower Upper
43 100
58 31.5 28.8 43.2





#17
Carbon Disulfide
Concen: 46.087 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

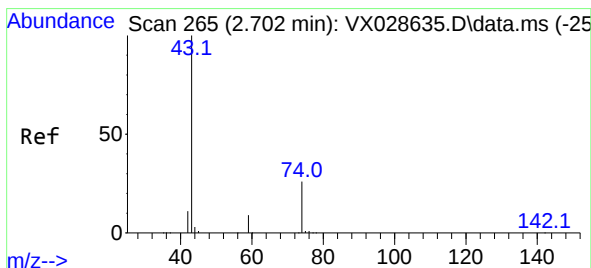
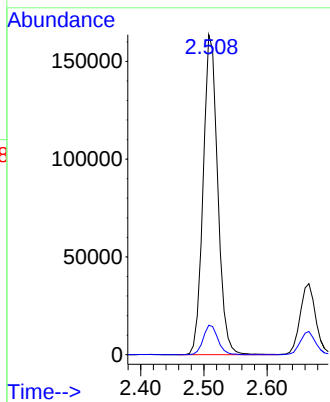
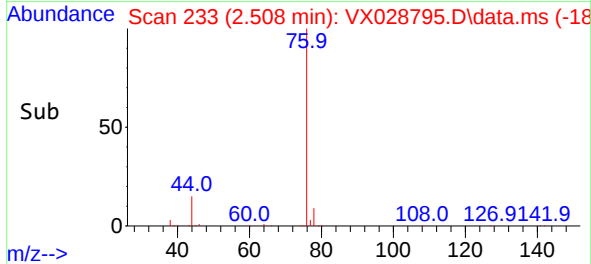
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



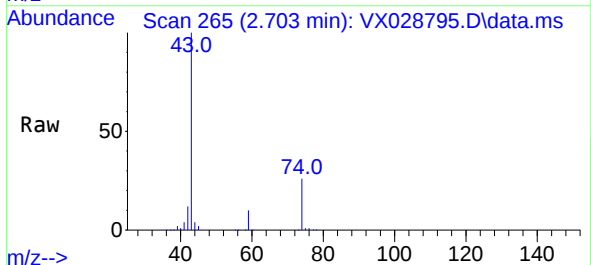
Tgt Ion: 76 Resp: 262109
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

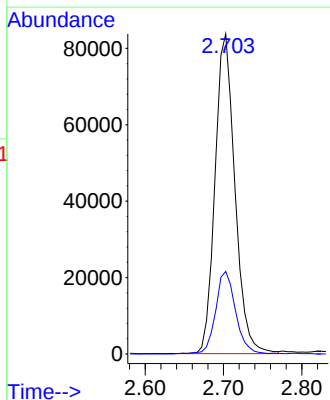
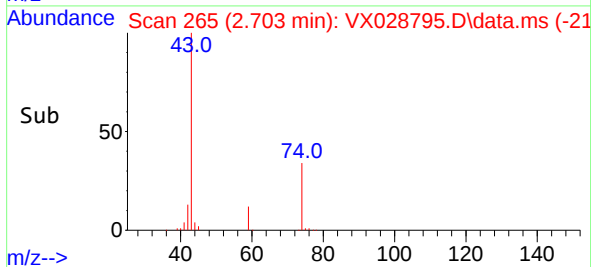
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#18
Methyl Acetate
Concen: 47.391 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion: 43 Resp: 148028
Ion Ratio Lower Upper
43 100
74 26.1 22.8 34.2





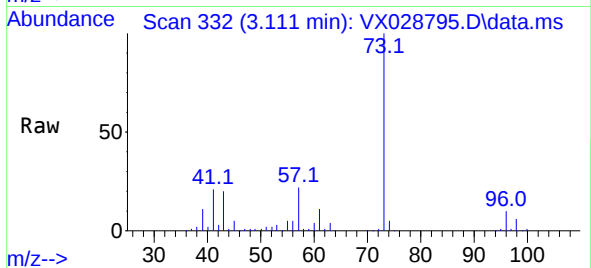
#19
Methyl tert-butyl Ether
Concen: 49.276 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

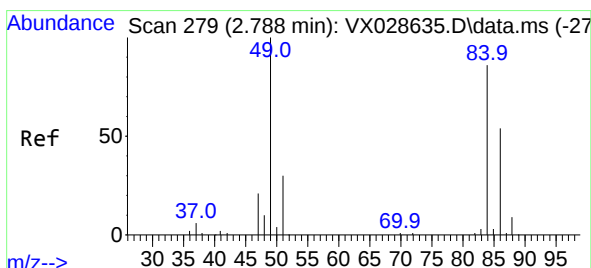
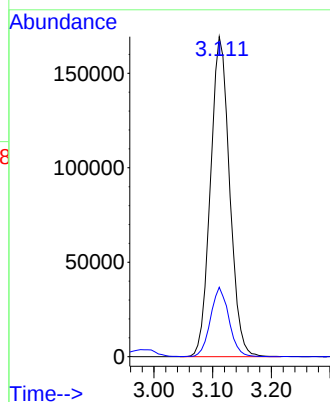
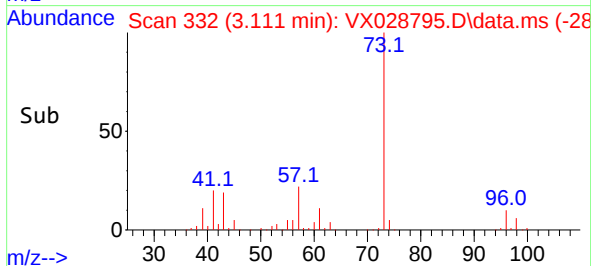


Tgt Ion: 73 Resp: 38364
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2

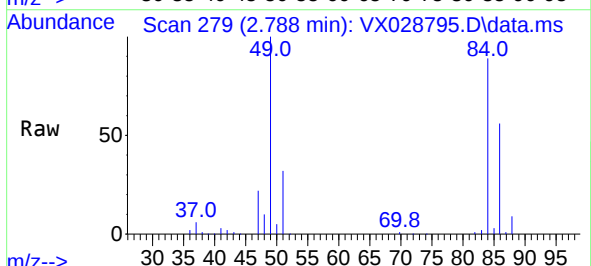
Manual Integrations

APPROVED

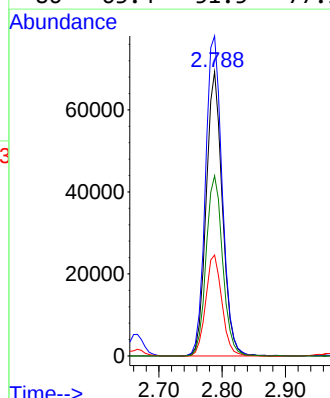
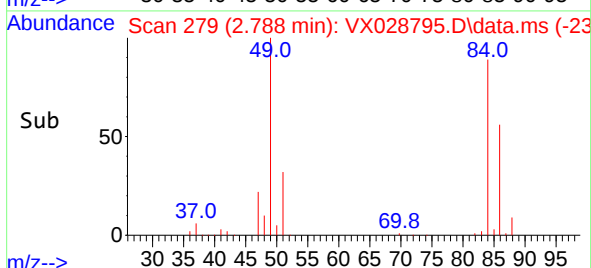
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

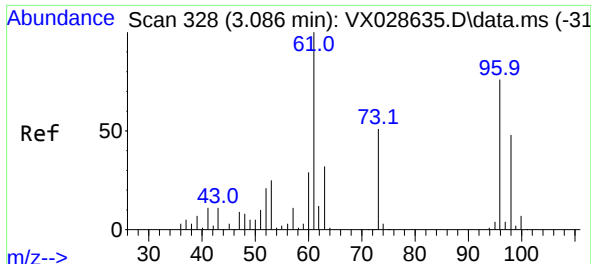


#20
Methylene Chloride
Concen: 47.088 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



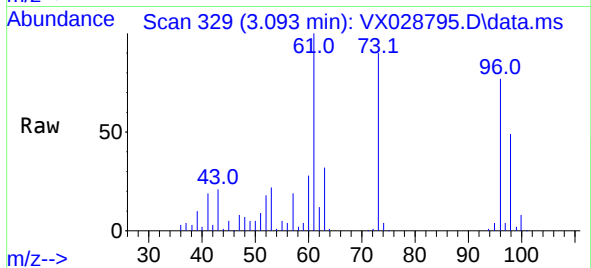
Tgt Ion: 84 Resp: 123202
Ion Ratio Lower Upper
84 100
49 112.6 85.5 128.3
51 35.5 26.6 39.8
86 63.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 47.703 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

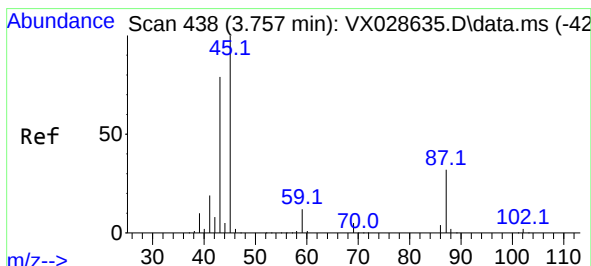
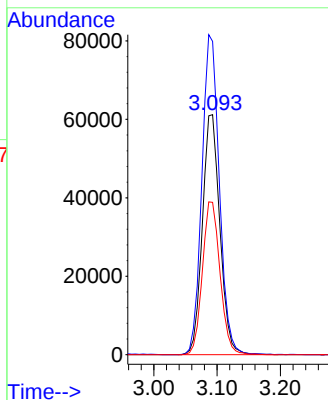
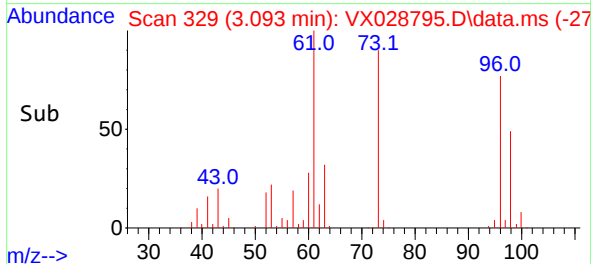
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



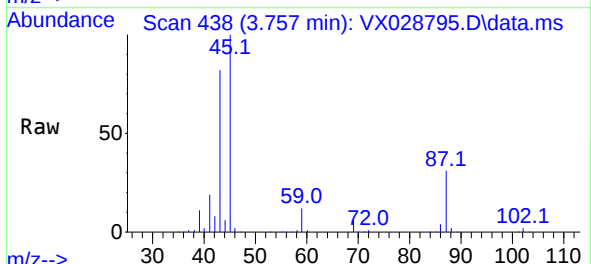
Tgt Ion: 96 Resp: 11788
Ion Ratio Lower Upper
96 100
61 130.6 105.4 158.2
98 63.5 50.0 75.0

Manual Integrations
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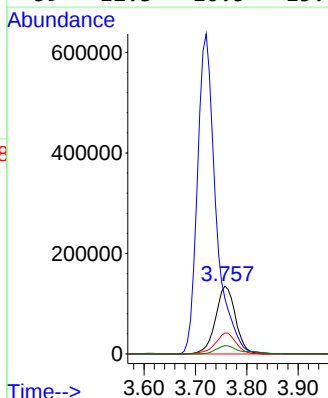
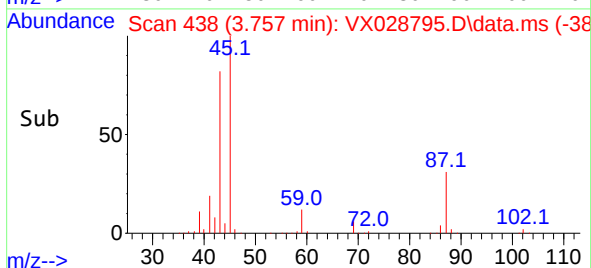
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

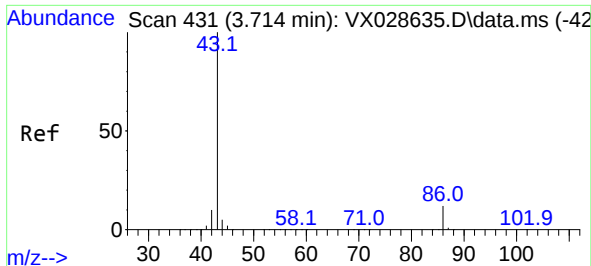


#22
Diisopropyl ether
Concen: 48.356 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



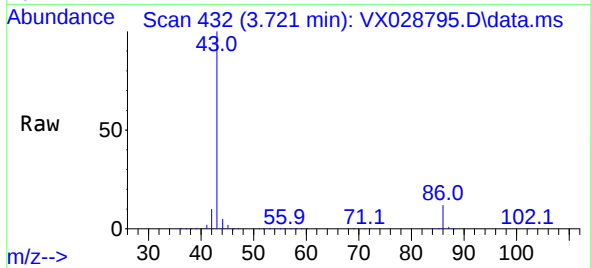
Tgt Ion: 45 Resp: 363626
Ion Ratio Lower Upper
45 100
43 81.6 50.8 76.2#
87 31.0 26.6 39.8
59 12.3 10.5 15.7





#23
 Vinyl Acetate
 Concen: 245.863 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028795.D
 Acq: 18 May 2022 10:44

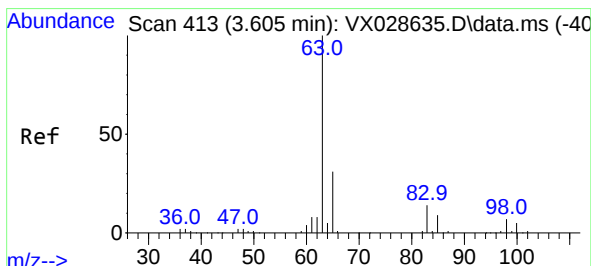
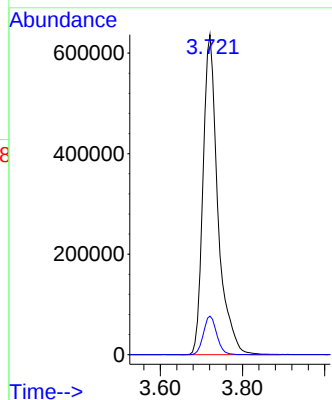
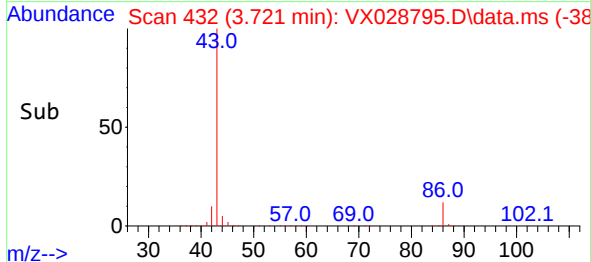
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



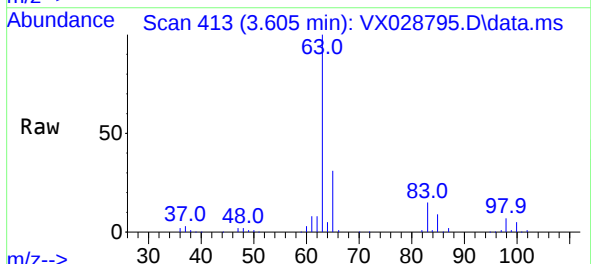
Tgt Ion: 43 Resp: 159382
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.8 16.2

Manual Integrations
 APPROVED

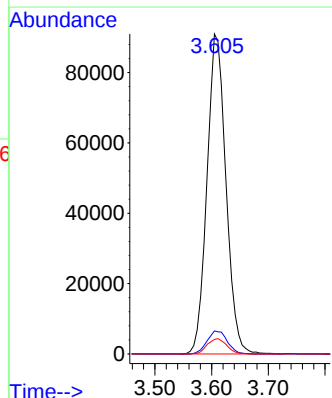
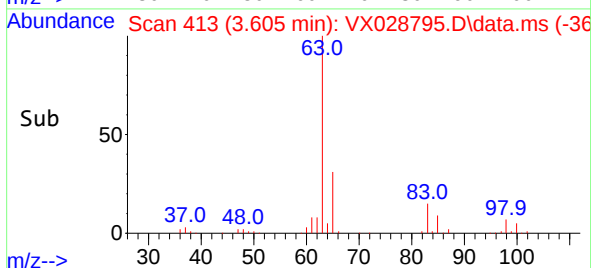
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022



#24
 1,1-Dichloroethane
 Concen: 48.383 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX028795.D
 Acq: 18 May 2022 10:44



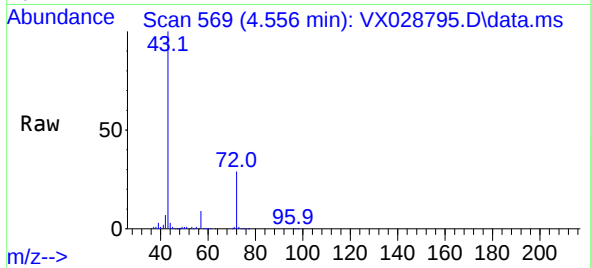
Tgt Ion: 63 Resp: 211511
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 226.983 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

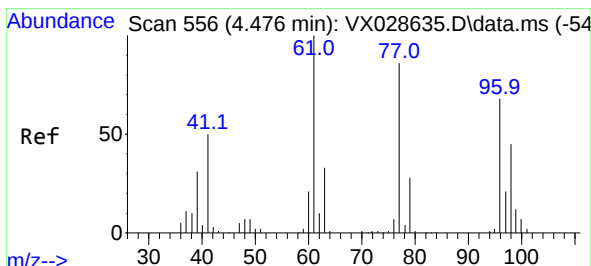
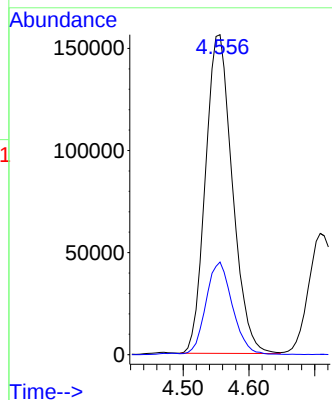
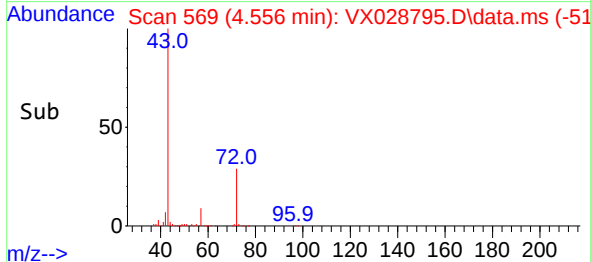
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



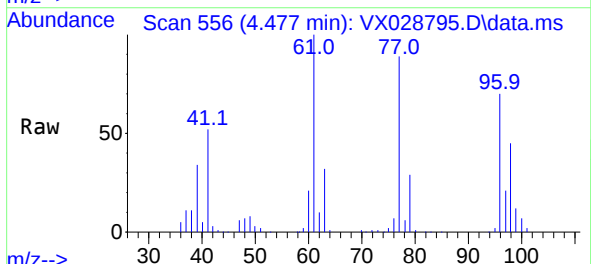
Tgt Ion: 43 Resp: 44433
Ion Ratio Lower Upper
43 100
72 29.0 24.4 36.6

Manual Integrations
APPROVED

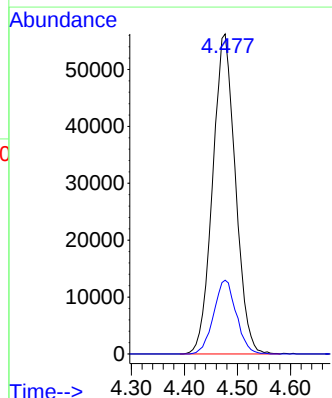
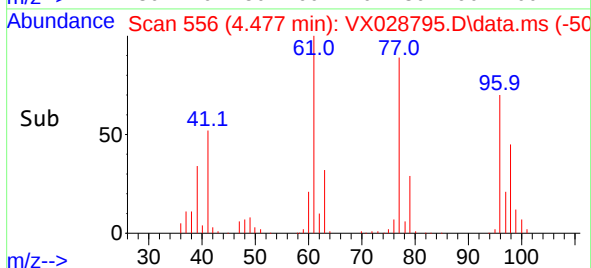
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#26
2,2-Dichloropropane
Concen: 48.951 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion: 77 Resp: 167786
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4





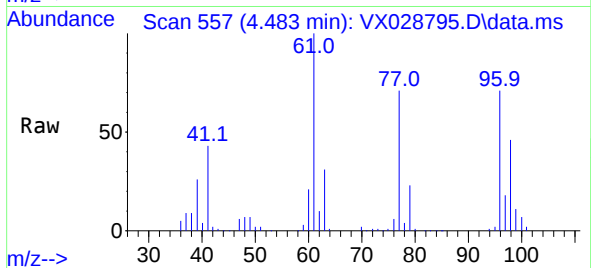
#27
 cis-1,2-Dichloroethene
 Concen: 47.775 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX028795.D
 Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

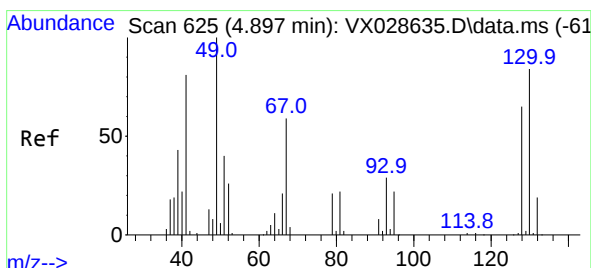
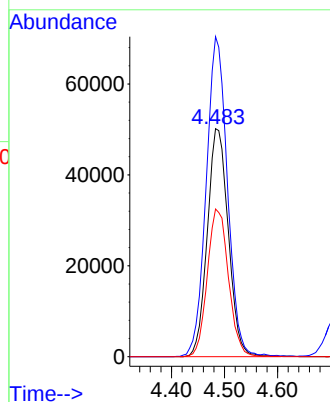
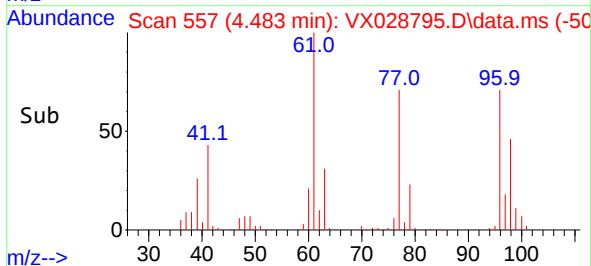


Tgt Ion: 96 Resp: 13789
 Ion Ratio Lower Upper
 96 100
 61 142.4 0.0 283.8
 98 65.3 0.0 129.8

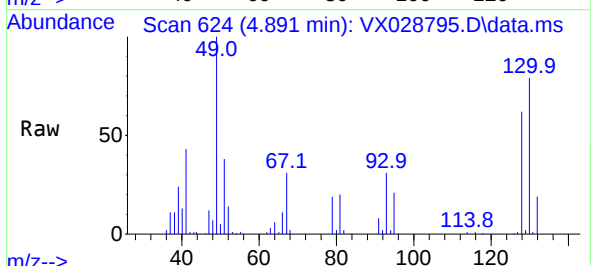
Manual Integrations

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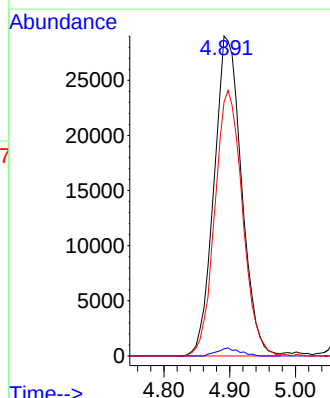
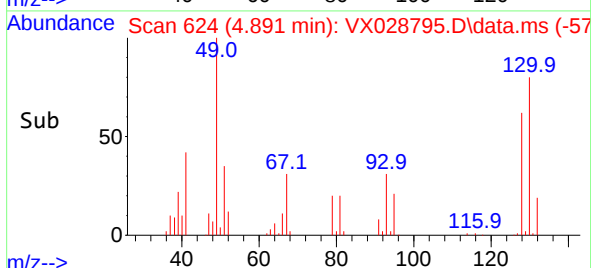
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022

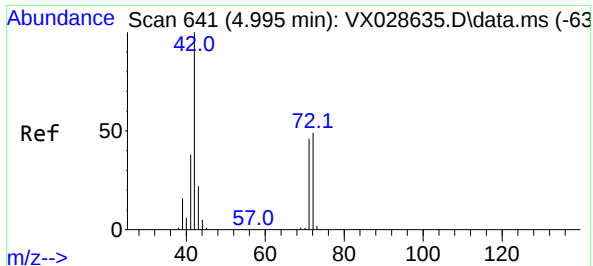


#28
 Bromochloromethane
 Concen: 45.942 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX028795.D
 Acq: 18 May 2022 10:44



Tgt Ion: 49 Resp: 84537
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 83.5 70.7 106.1





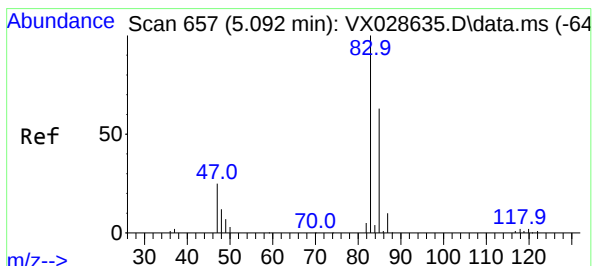
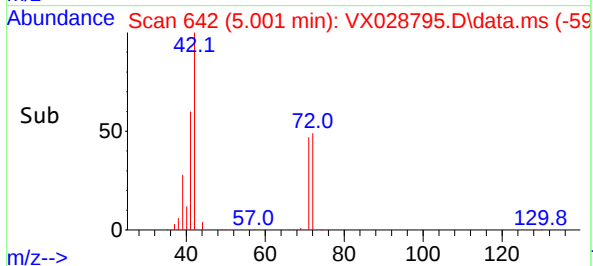
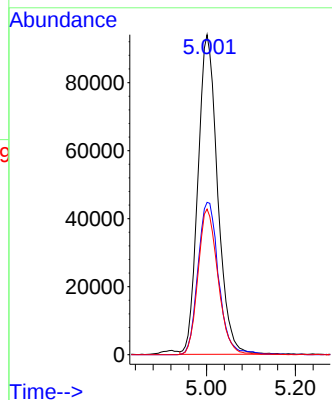
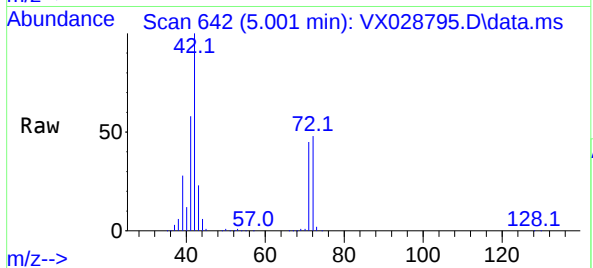
#29
Tetrahydrofuran
Concen: 227.304 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 28923
Ion Ratio Lower Upper
42 100
72 50.1 44.1 66.1
71 46.2 40.5 60.7

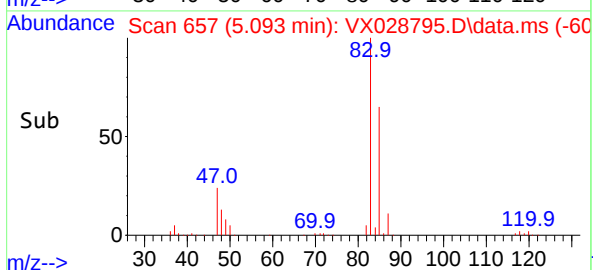
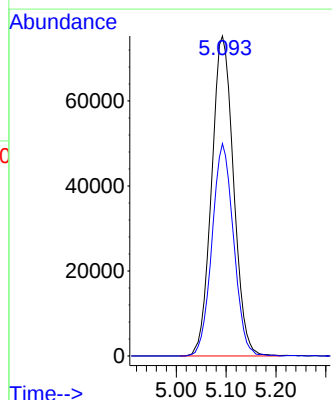
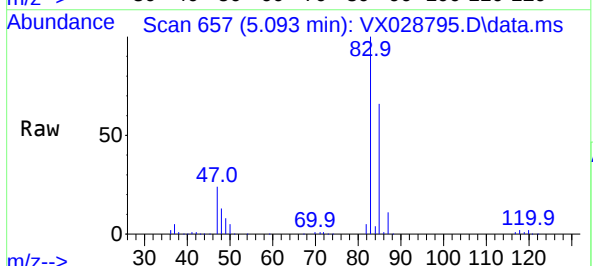
Manual Integrations
APPROVED

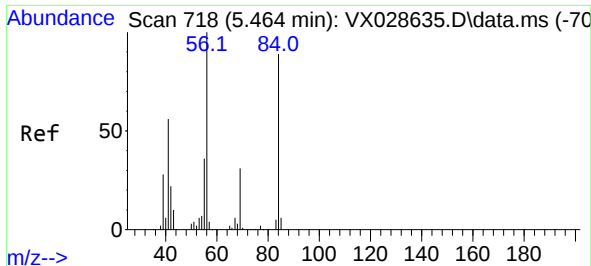
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#30
Chloroform
Concen: 48.669 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

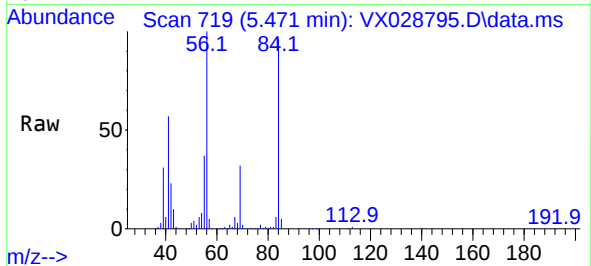
Tgt Ion: 83 Resp: 230262
Ion Ratio Lower Upper
83 100
85 66.4 52.7 79.1





#31
Cyclohexane
Concen: 46.685 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

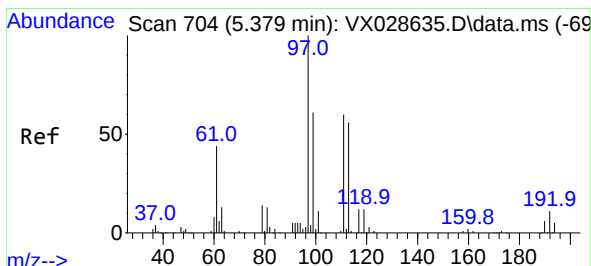
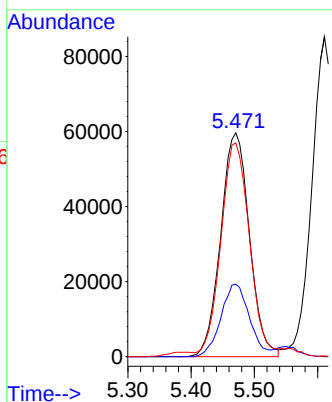
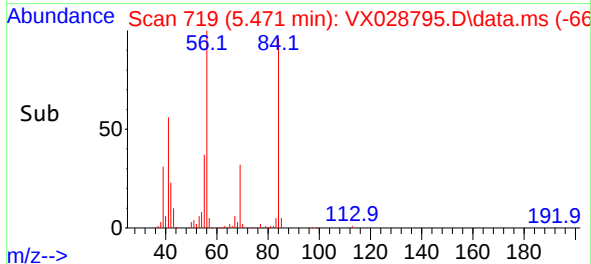
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



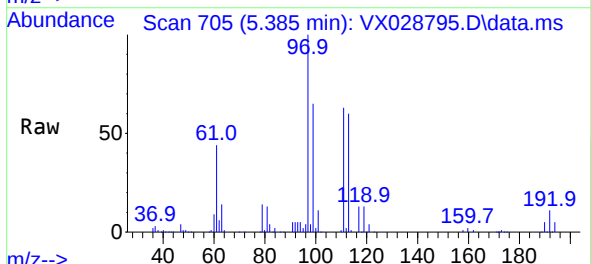
Tgt Ion: 56 Resp: 188302
Ion Ratio Lower Upper
56 100
69 32.4 26.7 40.1
84 93.5 77.2 115.8

Manual Integrations
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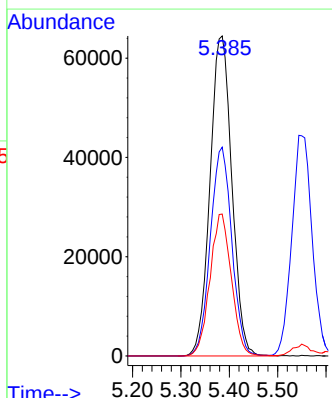
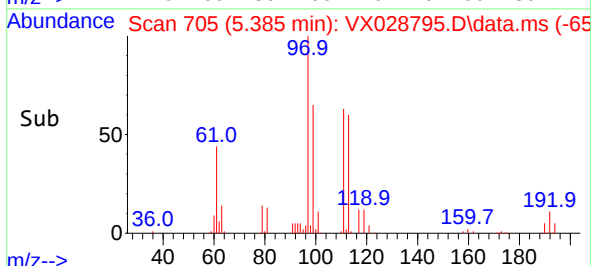
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

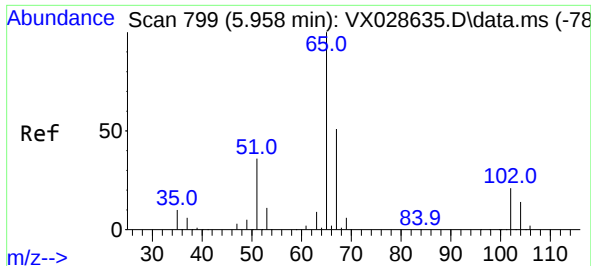


#32
1,1,1-Trichloroethane
Concen: 48.917 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



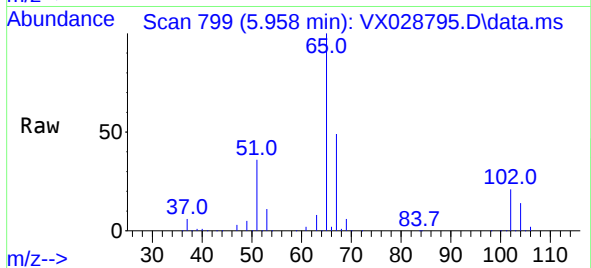
Tgt Ion: 97 Resp: 202046
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 43.6 34.0 51.0





#33
1,2-Dichloroethane-d4
Concen: 46.932 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

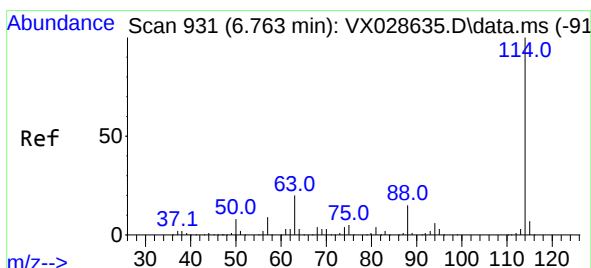
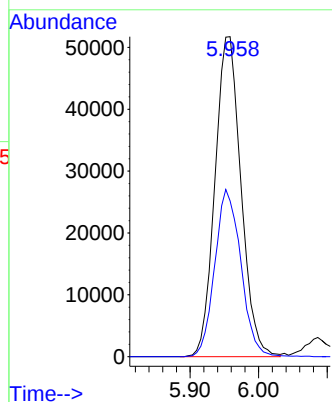
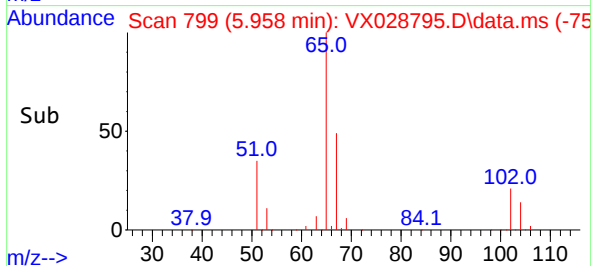
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



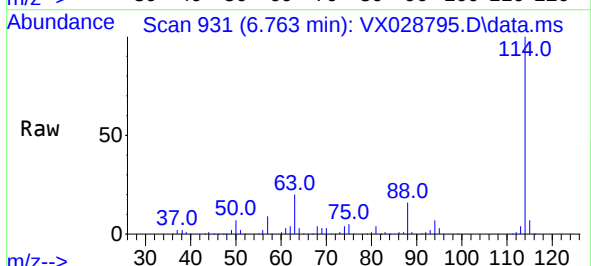
Tgt Ion: 65 Resp: 136370
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

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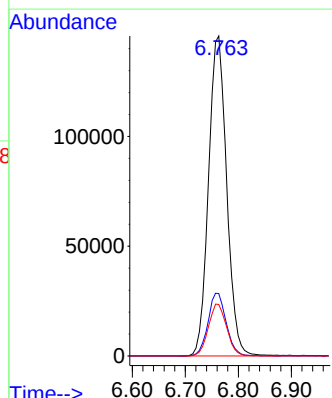
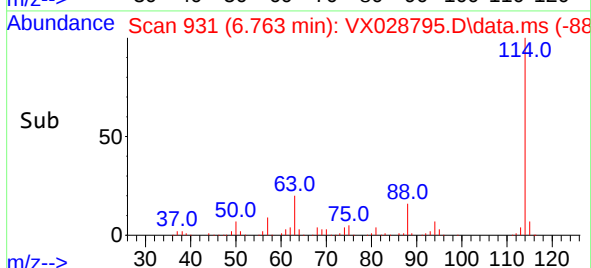
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

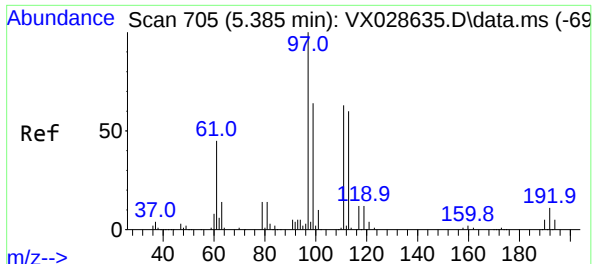


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



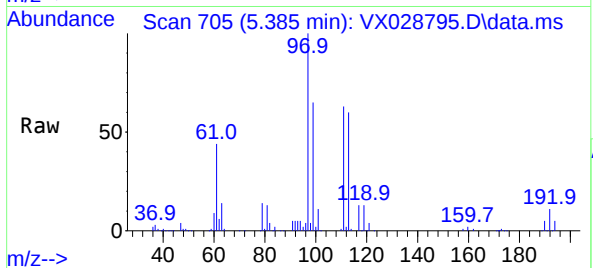
Tgt Ion:114 Resp: 346574
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 16.1 0.0 32.4





#35
Dibromofluoromethane
Concen: 49.428 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

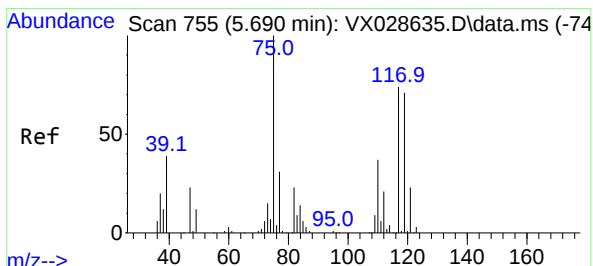
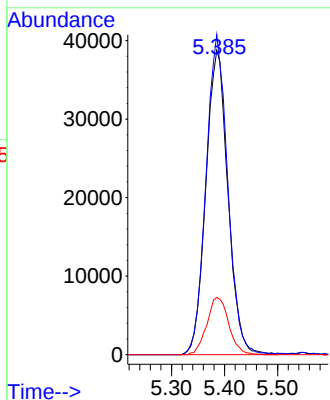
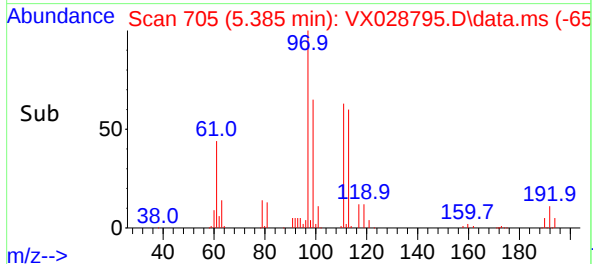
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



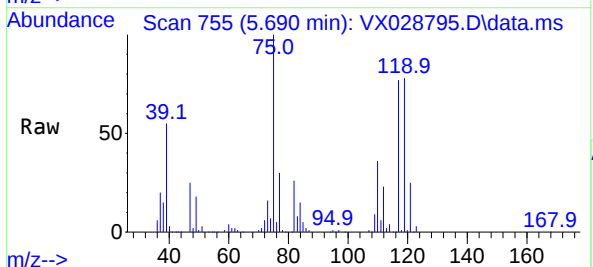
Tgt Ion:113 Resp: 112230
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 18.7 16.9 25.3

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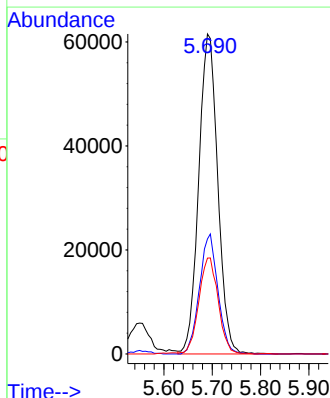
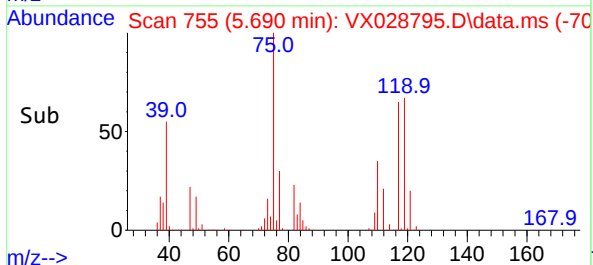
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#36
1,1-Dichloropropene
Concen: 49.416 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



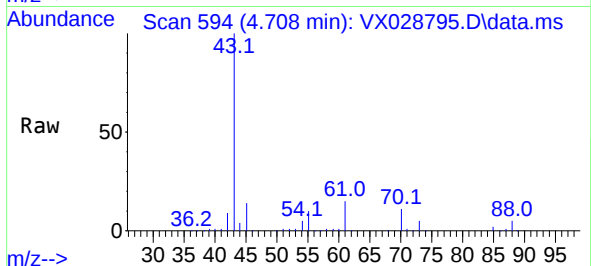
Tgt Ion: 75 Resp: 168535
Ion Ratio Lower Upper
75 100
110 36.3 18.3 54.8
77 30.8 24.8 37.2





#37
Ethyl Acetate
Concen: 49.368 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

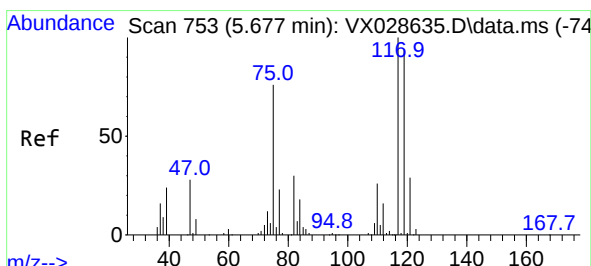
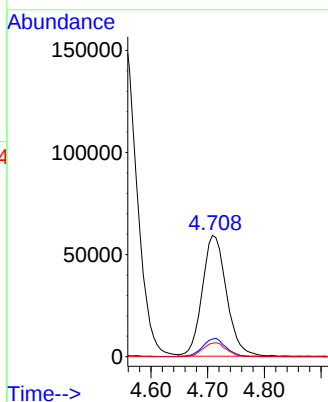
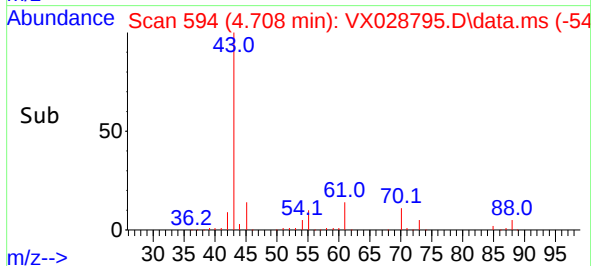
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



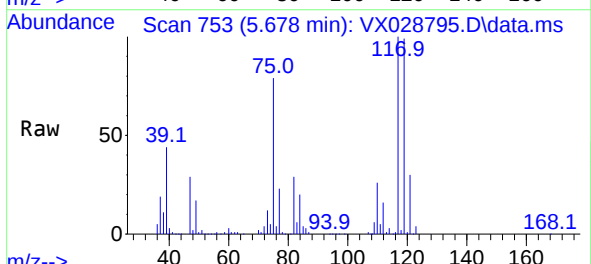
Tgt Ion: 43 Resp: 17586
Ion Ratio Lower Upper
43 100
61 14.5 12.6 19.0
70 11.2 10.2 15.2

Manual Integrations
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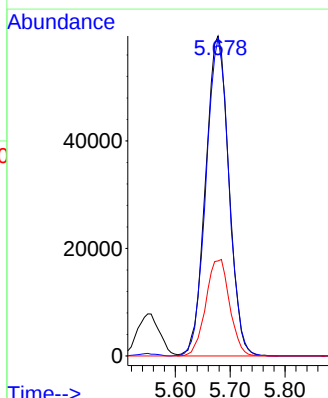
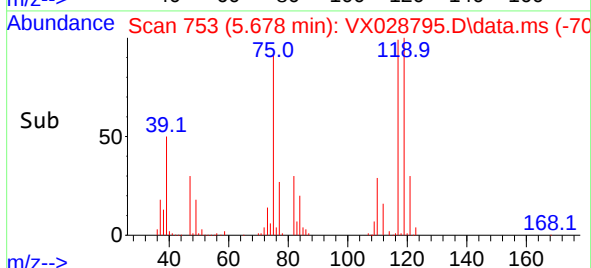
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

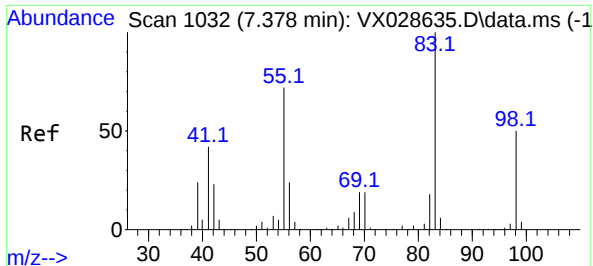


#38
Carbon Tetrachloride
Concen: 51.172 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion:117 Resp: 175636
Ion Ratio Lower Upper
117 100
119 99.2 77.3 115.9
121 29.7 24.2 36.2





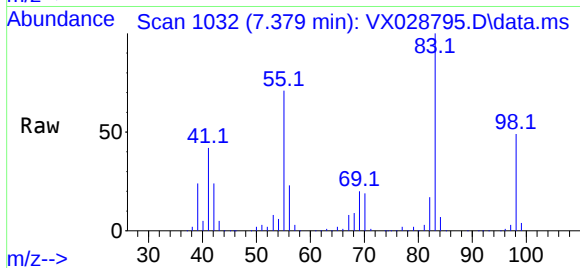
#39
Methylcyclohexane
Concen: 51.571 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

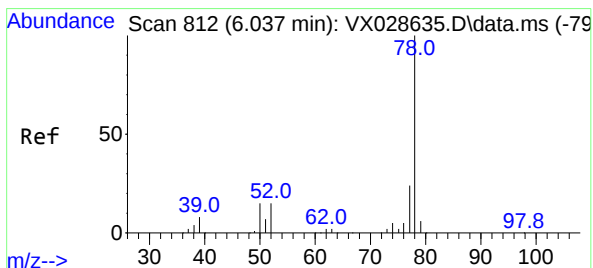
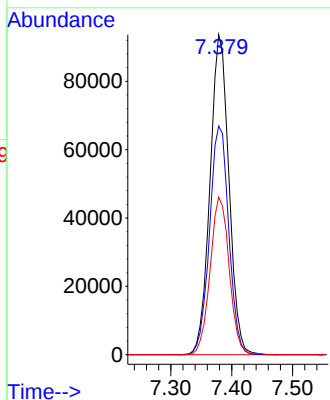
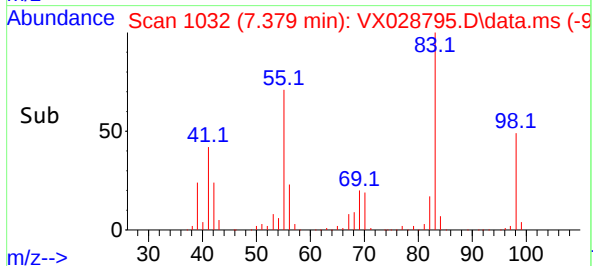


Tgt Ion: 83 Resp: 201709
Ion Ratio Lower Upper
83 100
55 71.5 54.6 81.8
98 49.3 37.4 56.2

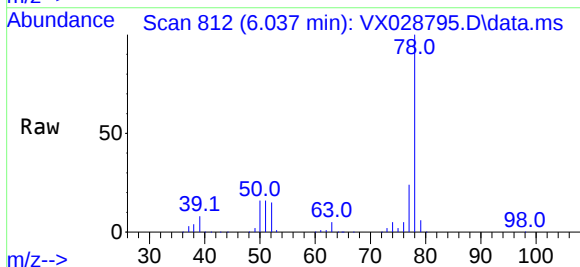
Manual Integrations

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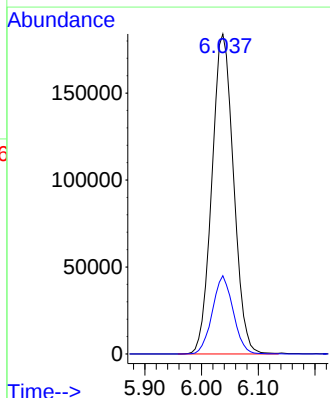
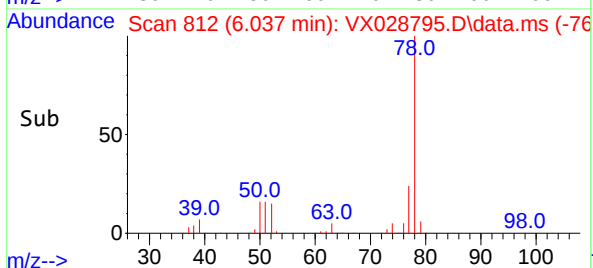
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

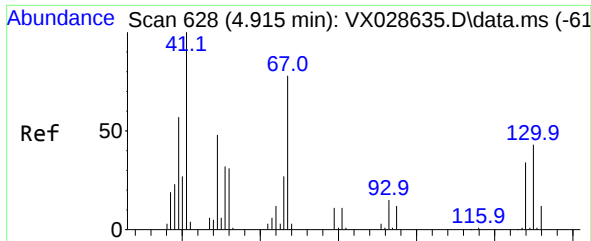


#40
Benzene
Concen: 49.734 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



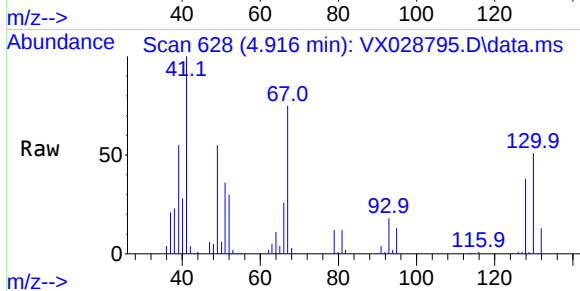
Tgt Ion: 78 Resp: 487483
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#41
Methacrylonitrile
Concen: 49.151 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

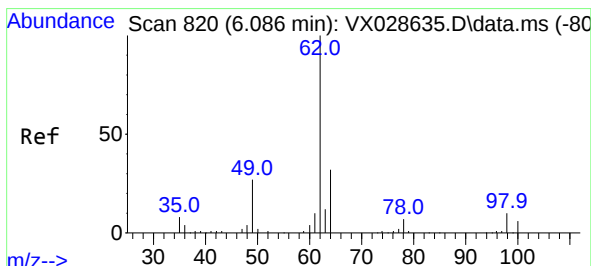
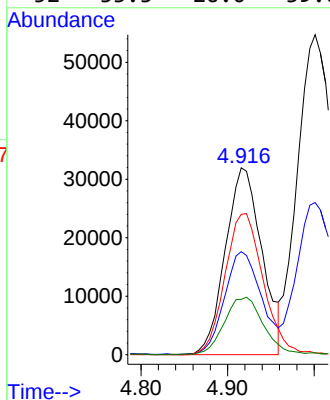
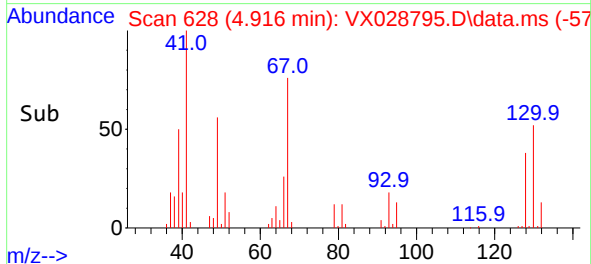
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 93878
Ion Ratio Lower Upper
41 100
39 55.6 43.0 64.4
67 78.9 70.2 105.4
52 33.3 26.0 39.0

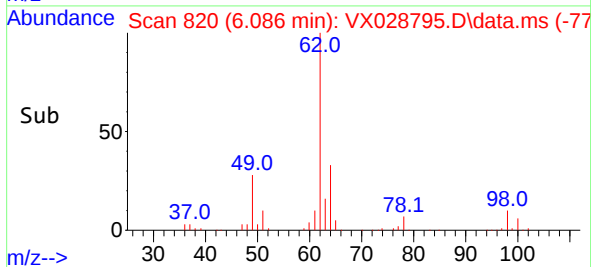
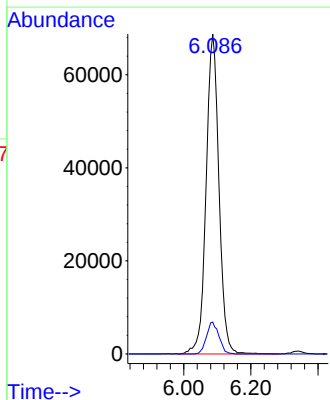
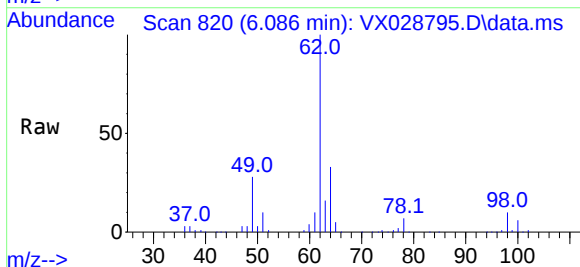
Manual Integrations
APPROVED

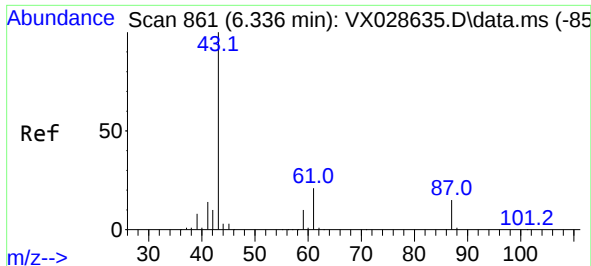
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#42
1,2-Dichloroethane
Concen: 50.380 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

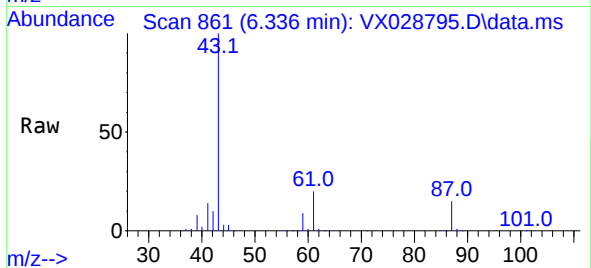
Tgt Ion: 62 Resp: 182149
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.4





#43
Isopropyl Acetate
Concen: 49.830 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

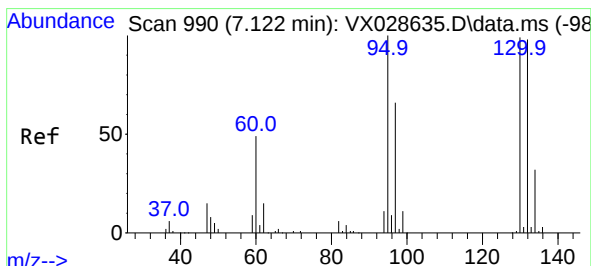
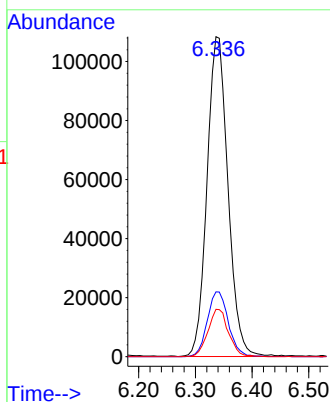
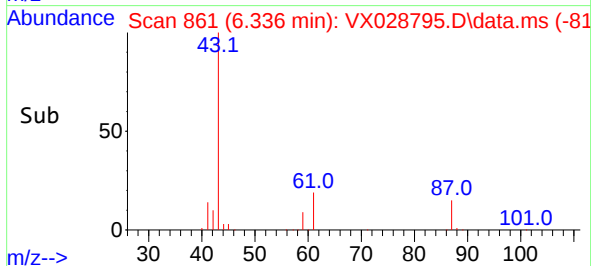
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



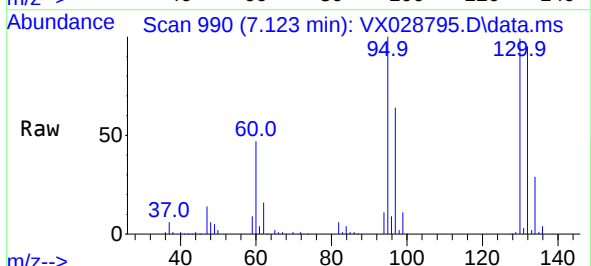
Tgt Ion: 43 Resp: 277704
Ion Ratio Lower Upper
43 100
61 20.4 18.5 27.7
87 14.5 13.0 19.6

Manual Integrations
APPROVED

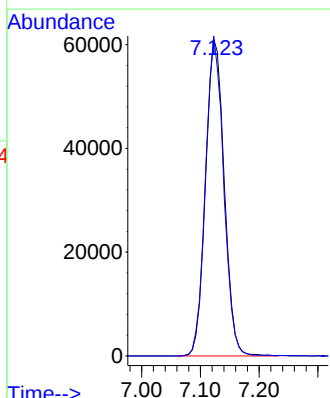
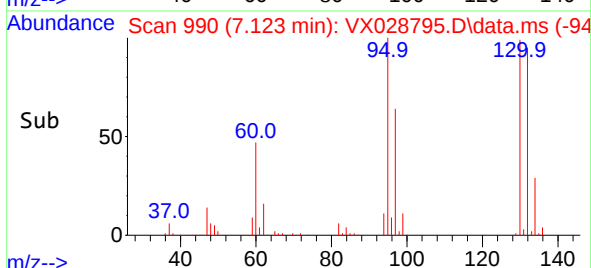
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#44
Trichloroethene
Concen: 50.589 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion:130 Resp: 134483
Ion Ratio Lower Upper
130 100
95 101.0 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.425 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 123310

Ion Ratio Lower Upper

63 100

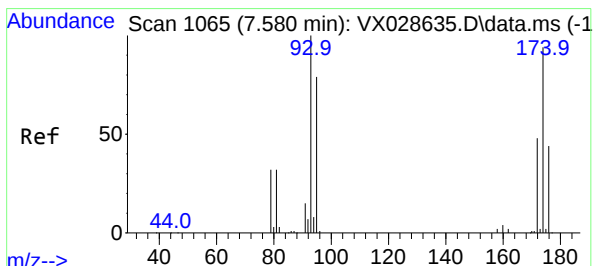
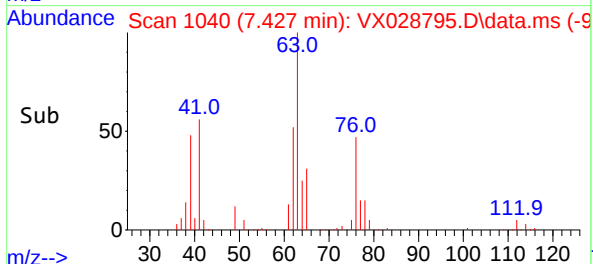
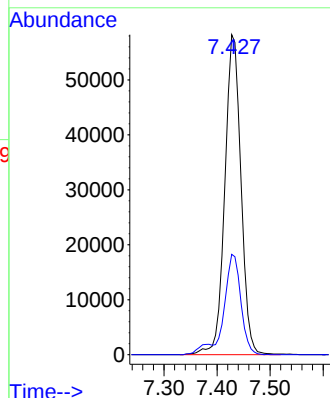
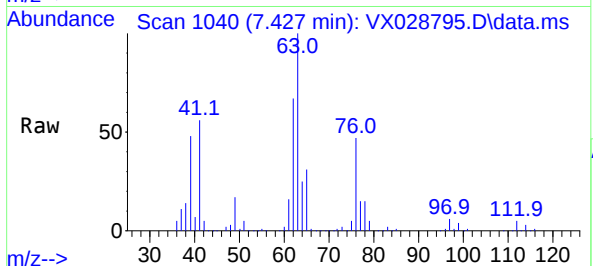
65 31.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#46

Dibromomethane

Concen: 50.698 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

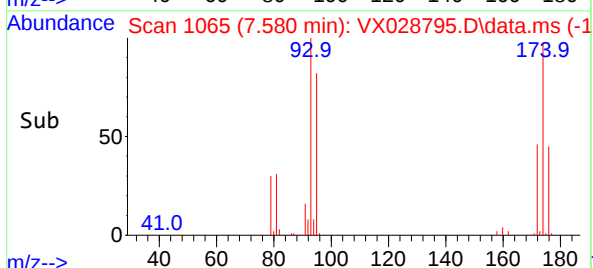
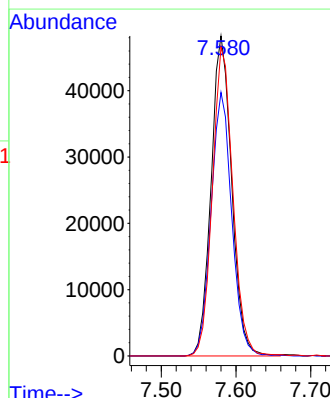
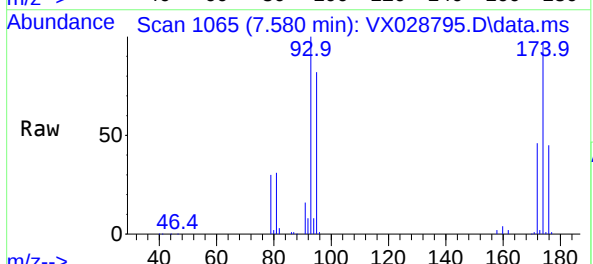
Tgt Ion: 93 Resp: 92591

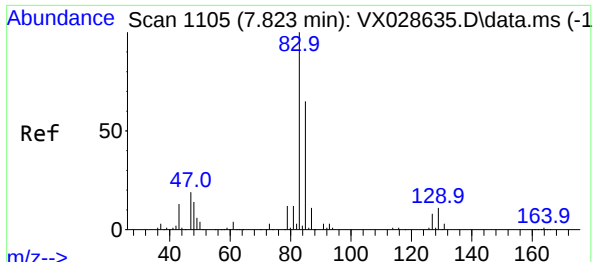
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.6

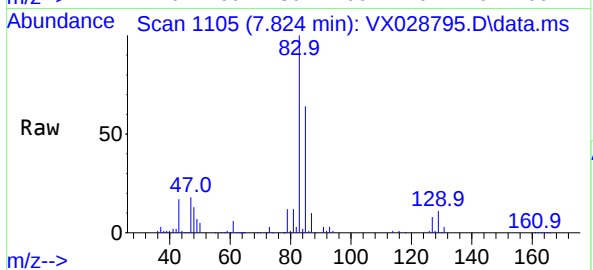
174 95.6 85.4 128.2





#47
Bromodichloromethane
Concen: 52.116 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

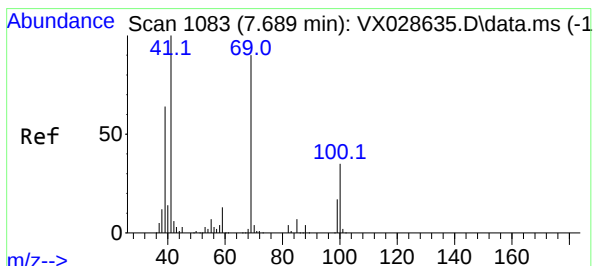
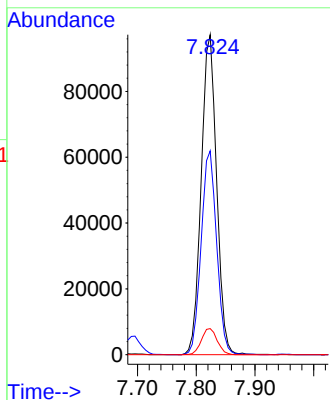
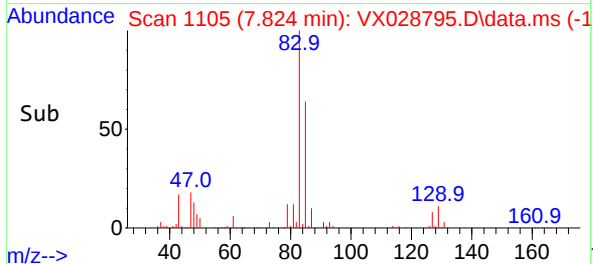
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



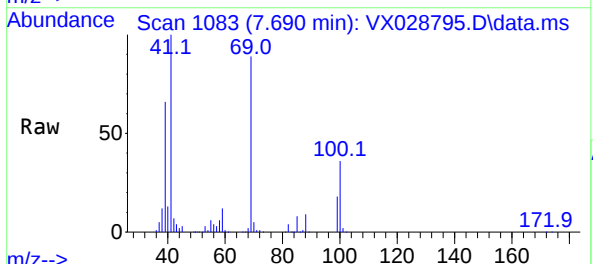
Tgt Ion: 83 Resp: 176710
Ion Ratio Lower Upper
83 100
85 63.7 52.2 78.2
127 8.2 6.8 10.2

Manual Integrations
APPROVED

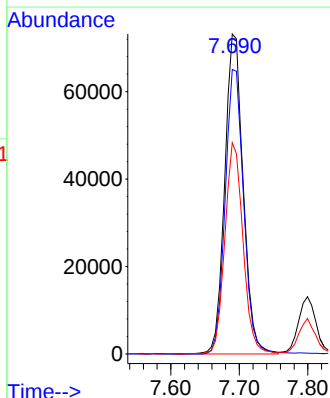
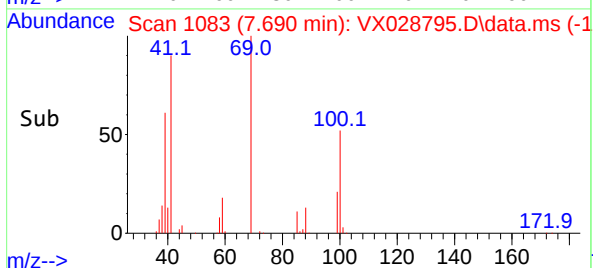
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

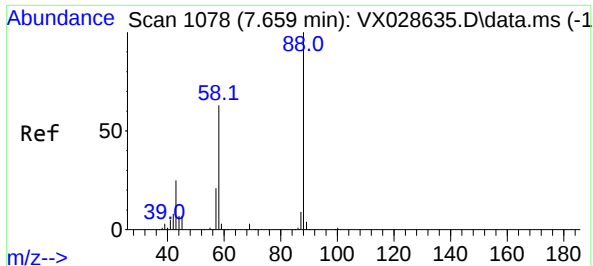


#48
Methyl methacrylate
Concen: 50.903 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion: 41 Resp: 137038
Ion Ratio Lower Upper
41 100
69 89.0 82.5 123.7
39 65.1 43.8 65.8





#49

1,4-Dioxane

Concen: 889.553 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5982

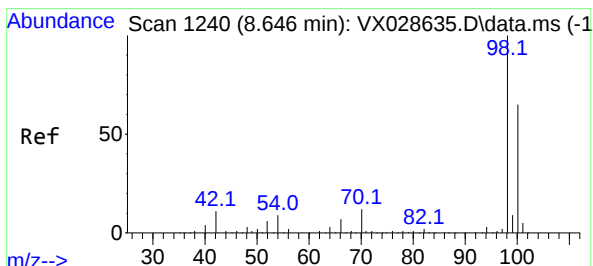
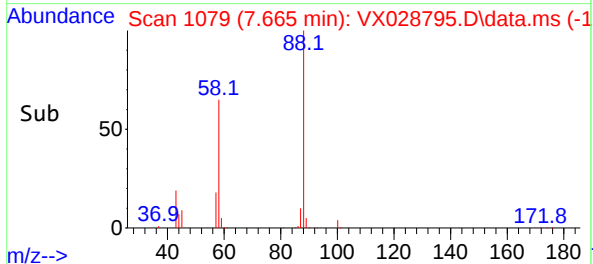
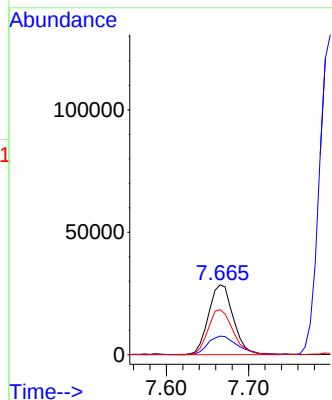
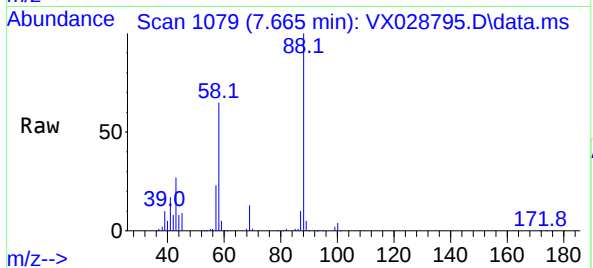
Ion	Ratio	Lower	Upper
88	100		
43	32.5	21.9	32.9
58	65.6	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#50

Toluene-d8

Concen: 57.357 ug/l

RT: 8.647 min Scan# 1240

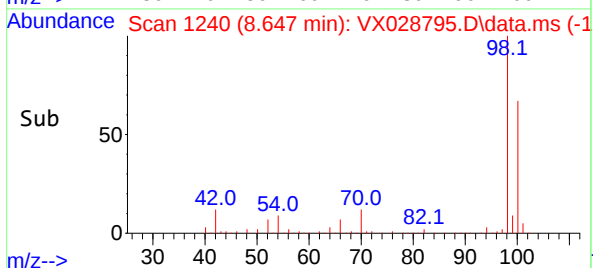
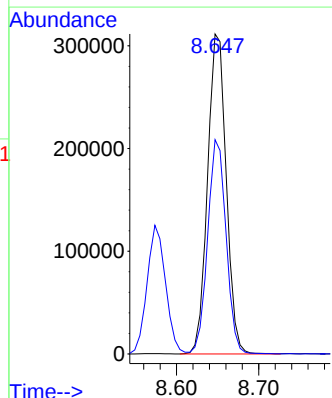
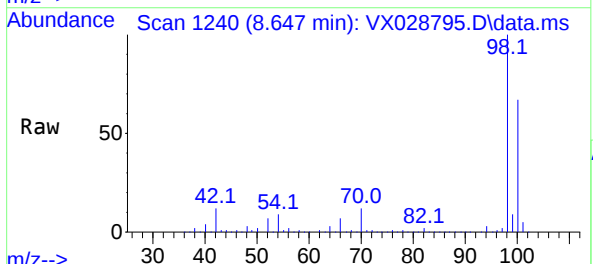
Delta R.T. 0.001 min

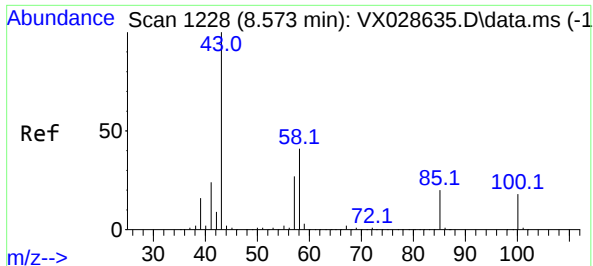
Lab File: VX028795.D

Acq: 18 May 2022 10:44

Tgt Ion: 98 Resp: 491028

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 283.893 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 104213

Ion Ratio Lower Upper

43 100

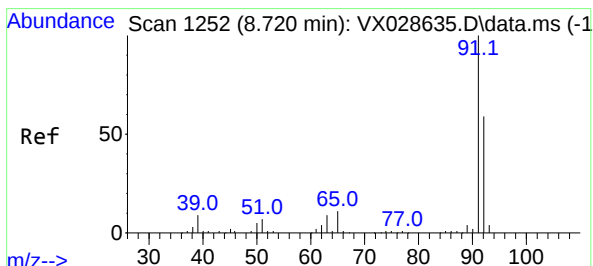
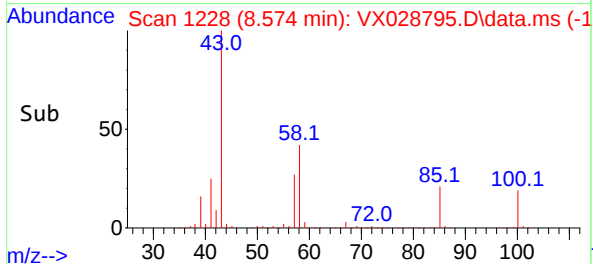
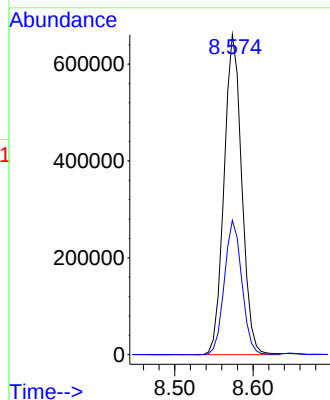
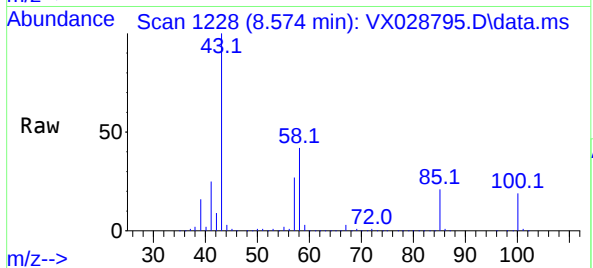
58 41.4 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#52

Toluene

Concen: 58.768 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028795.D

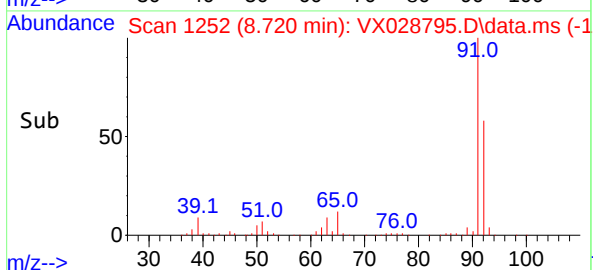
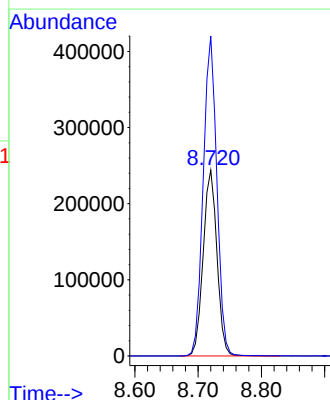
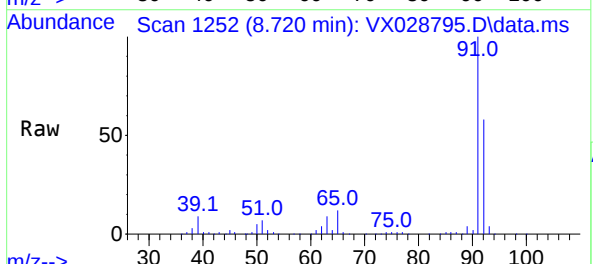
Acq: 18 May 2022 10:44

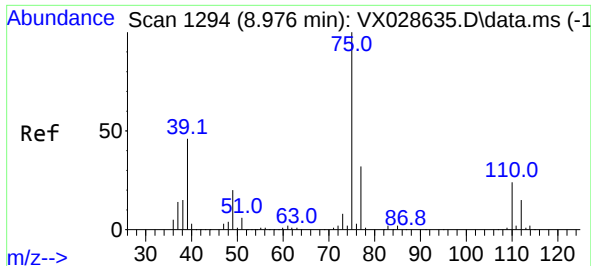
Tgt Ion: 92 Resp: 370554

Ion Ratio Lower Upper

92 100

91 170.3 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 55.524 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 217440

Ion Ratio Lower Upper

75 100

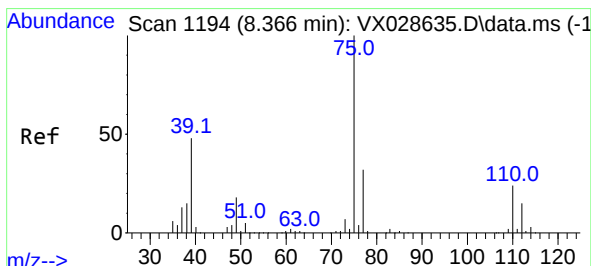
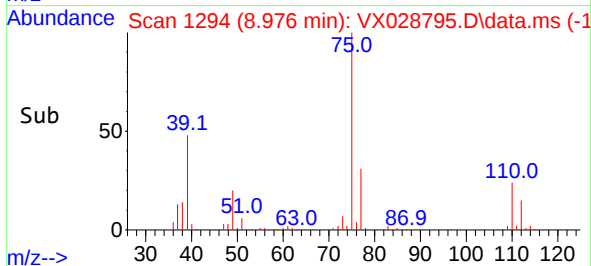
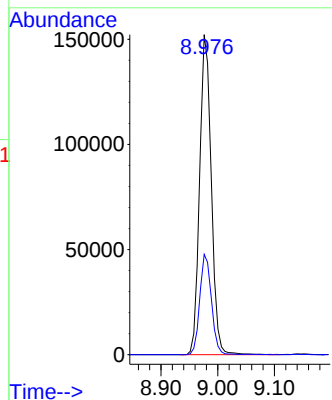
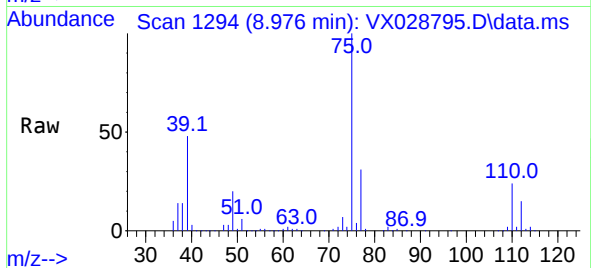
77 31.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#54

cis-1,3-Dichloropropene

Concen: 57.188 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

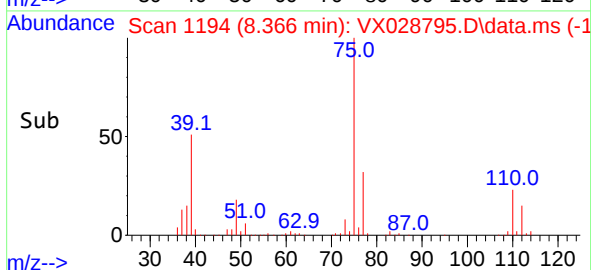
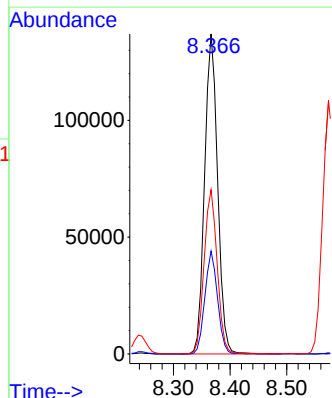
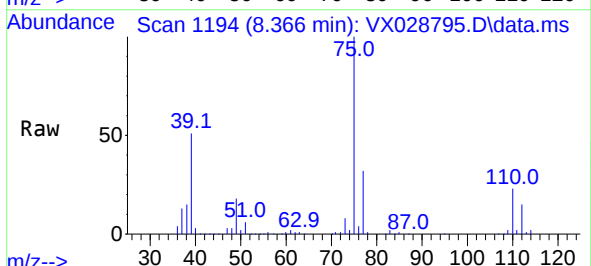
Tgt Ion: 75 Resp: 218186

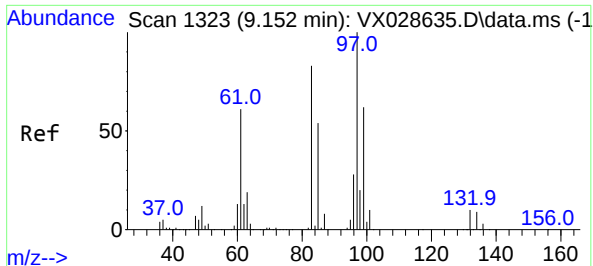
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

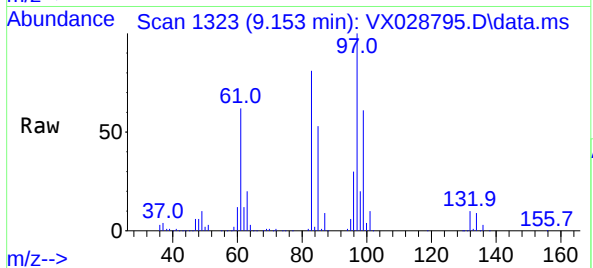
39 51.3 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 56.912 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

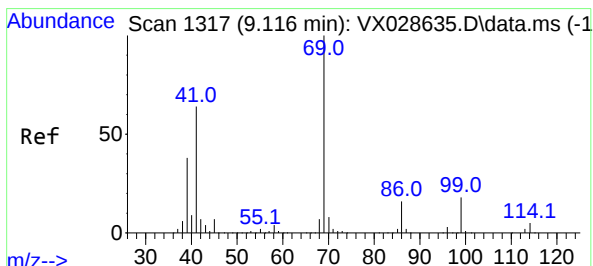
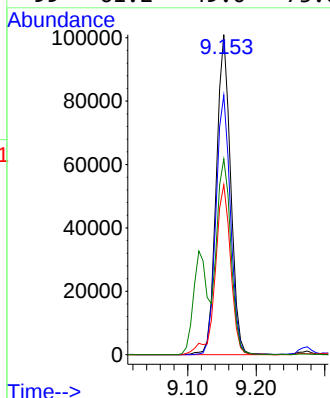
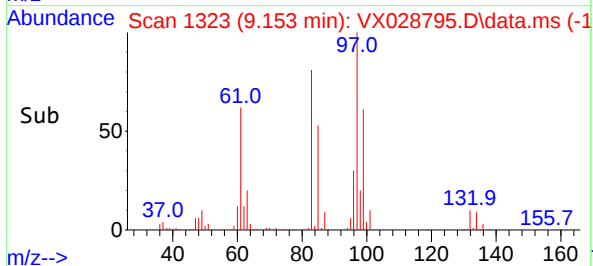


Tgt Ion: 97 Resp: 14632

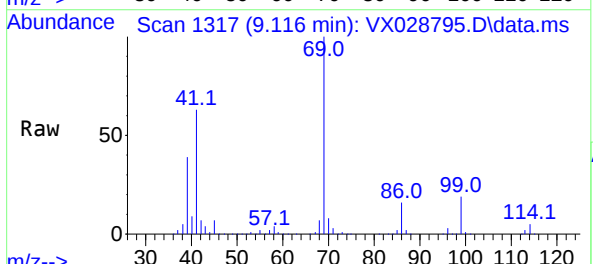
Ion	Ratio	Lower	Upper
97	100		
83	81.0	66.2	99.4
85	53.1	42.9	64.3
99	61.2	49.0	73.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

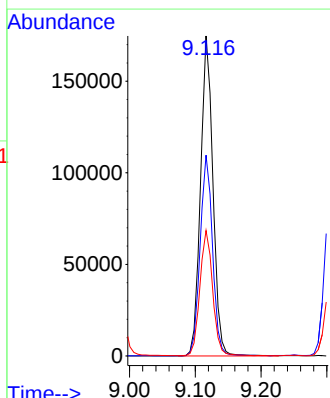
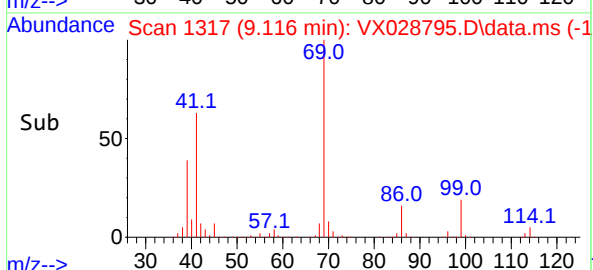


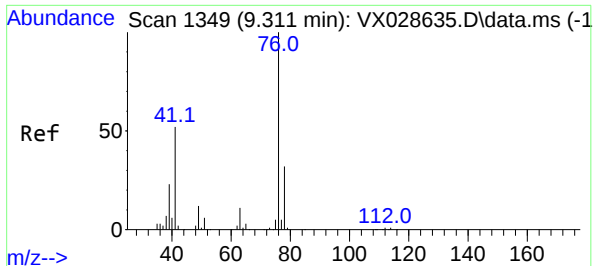
#56
Ethyl methacrylate
Concen: 59.028 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion: 69 Resp: 229828

Ion	Ratio	Lower	Upper
69	100		
41	62.9	43.8	65.6
39	40.3	22.2	33.2





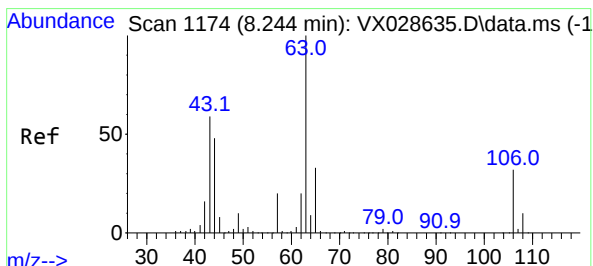
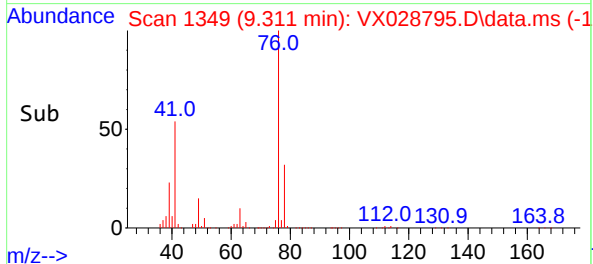
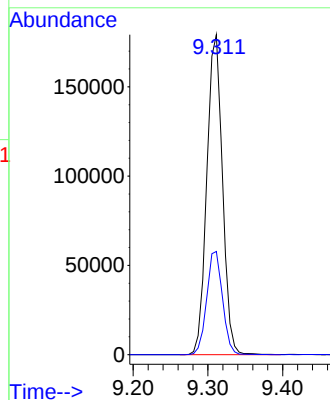
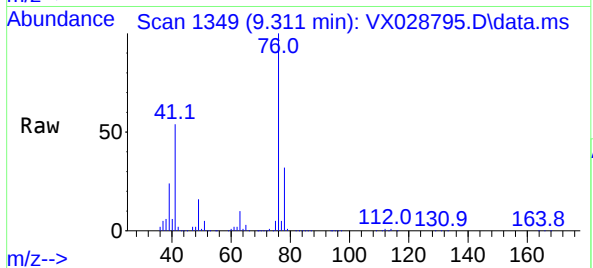
#57
1,3-Dichloropropane
Concen: 60.051 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 260410
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.8

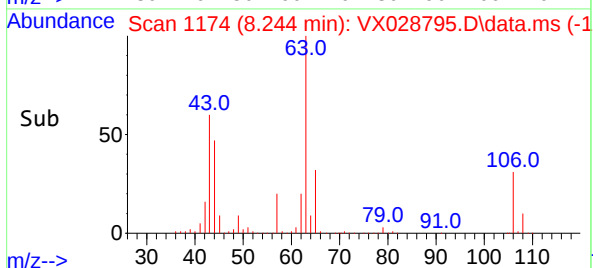
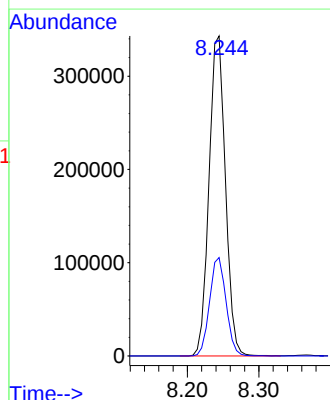
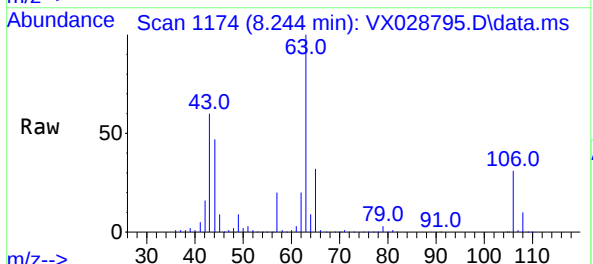
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#58
2-Chloroethyl Vinyl ether
Concen: 286.818 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Tgt Ion: 63 Resp: 546741
Ion Ratio Lower Upper
63 100
106 30.9 23.9 35.9





#59

2-Hexanone

Concen: 292.686 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 834740

Ion Ratio Lower Upper

43 100

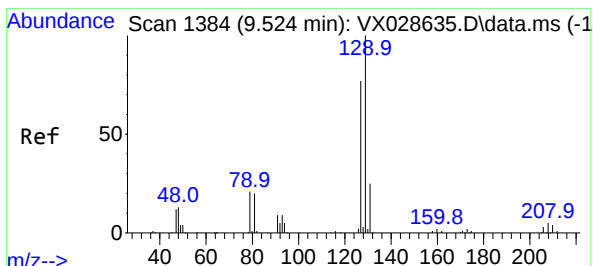
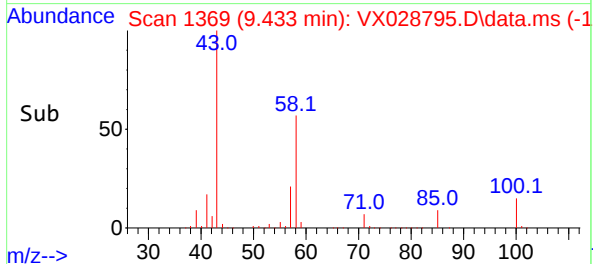
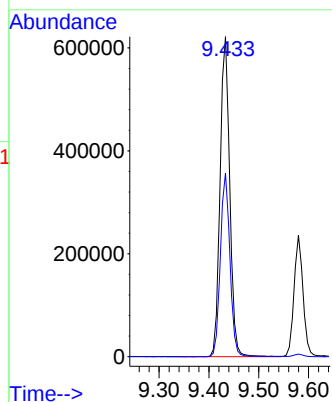
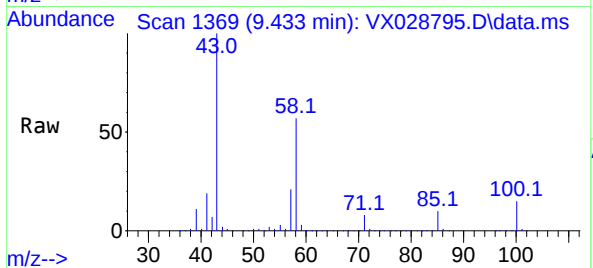
58 56.7 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#60

Dibromochloromethane

Concen: 66.047 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028795.D

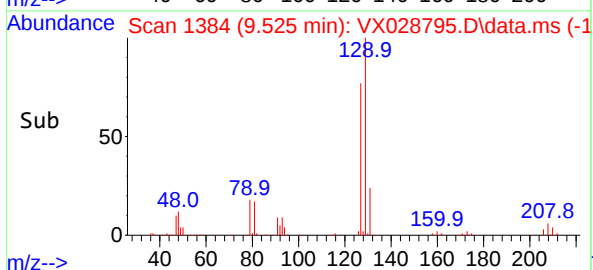
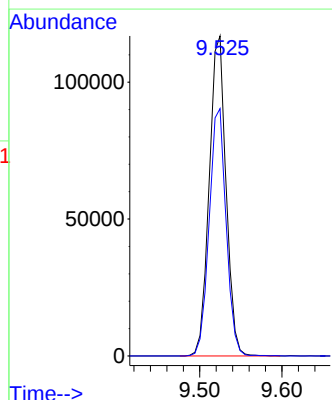
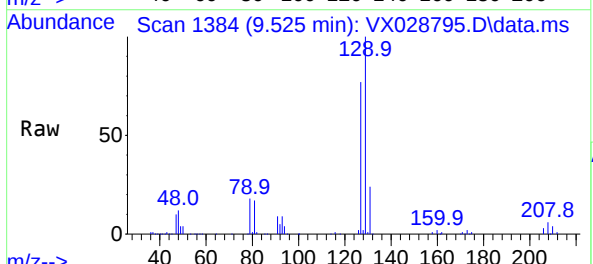
Acq: 18 May 2022 10:44

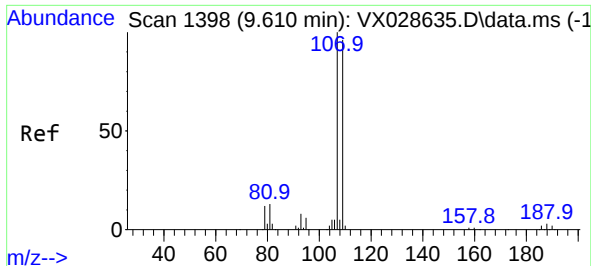
Tgt Ion:129 Resp: 165615

Ion Ratio Lower Upper

129 100

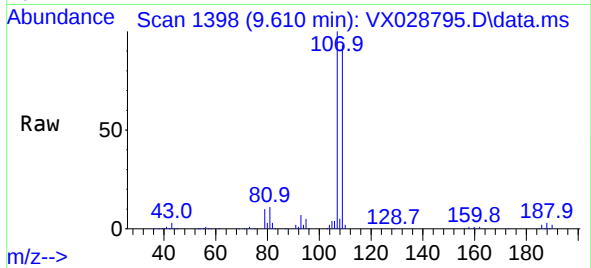
127 78.1 40.3 120.8





#61
1,2-Dibromoethane
Concen: 61.842 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

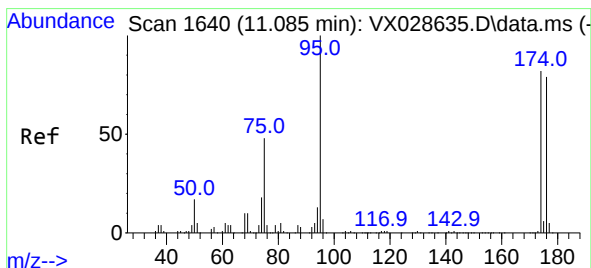
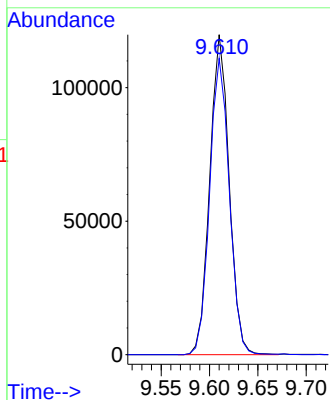
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 167002
Ion Ratio Lower Upper
107 100
109 94.0 74.4 111.6

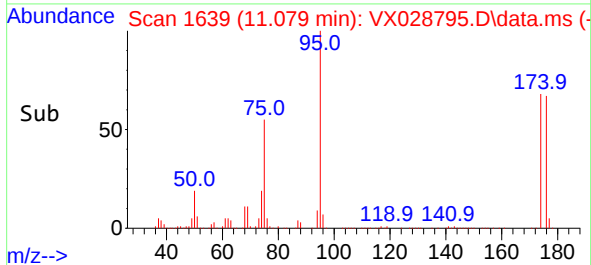
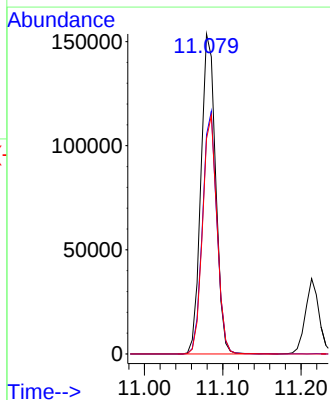
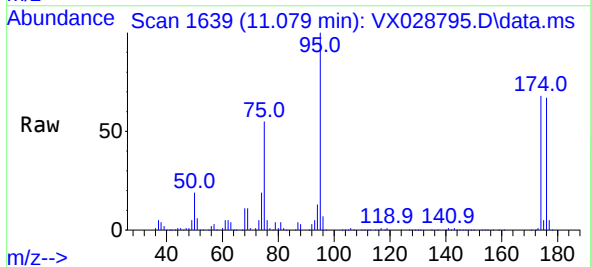
Manual Integrations
APPROVED

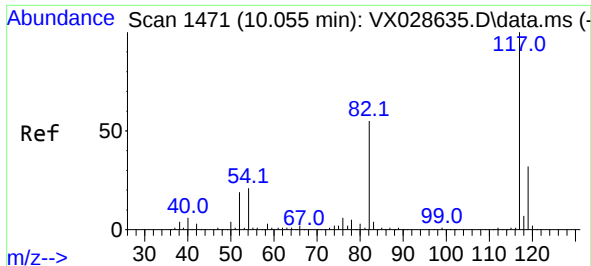
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#62
4-Bromofluorobenzene
Concen: 62.518 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

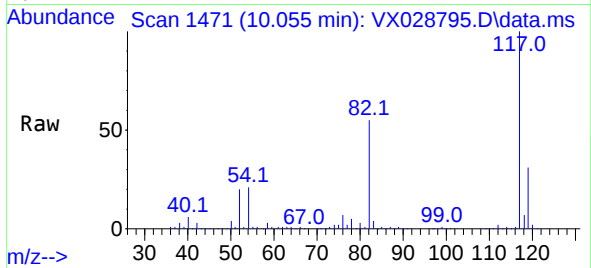
Tgt Ion: 95 Resp: 199908
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 72.8 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

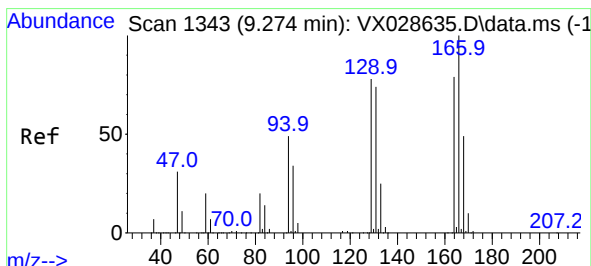
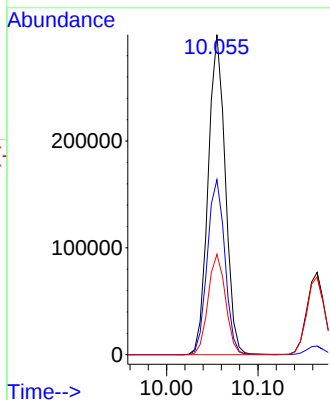
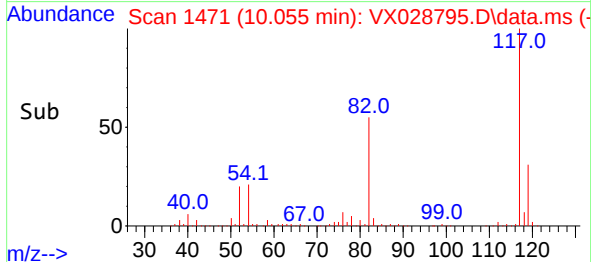
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



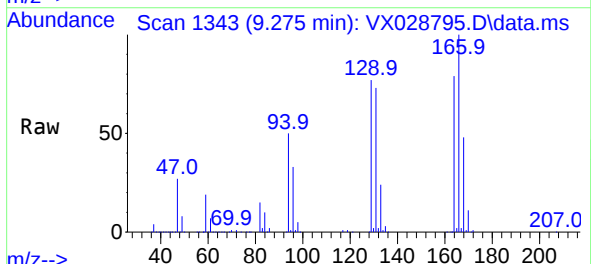
Tgt Ion:117 Resp: 389112
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 31.4 24.8 37.2

Manual Integrations
APPROVED

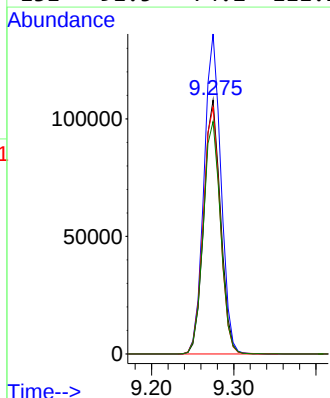
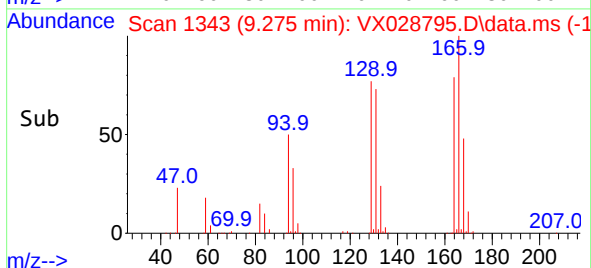
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#64
Tetrachloroethene
Concen: 52.021 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



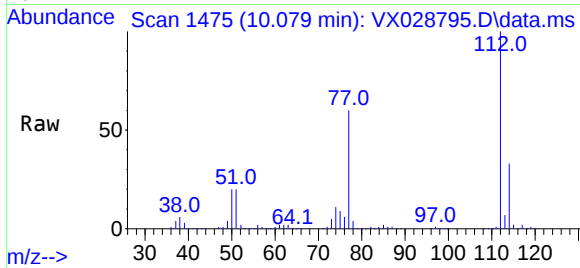
Tgt Ion:164 Resp: 152858
Ion Ratio Lower Upper
164 100
166 126.0 101.2 151.8
129 97.2 73.0 109.4
131 91.5 74.2 111.2





#65
Chlorobenzene
Concen: 49.552 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

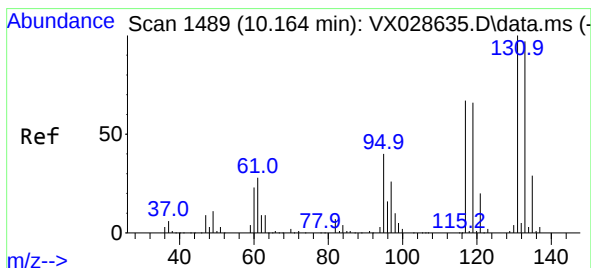
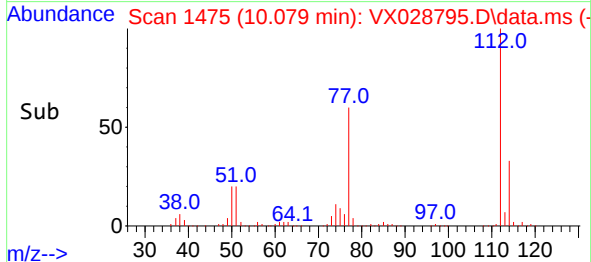
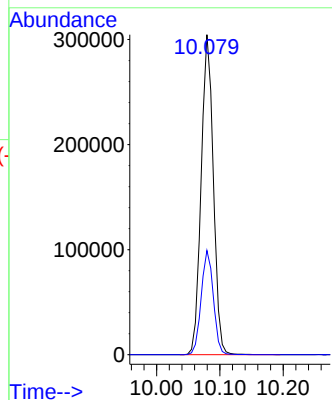
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 409045
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8

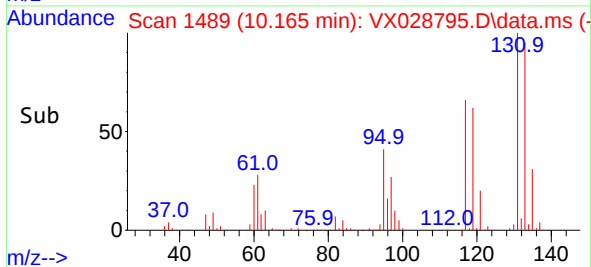
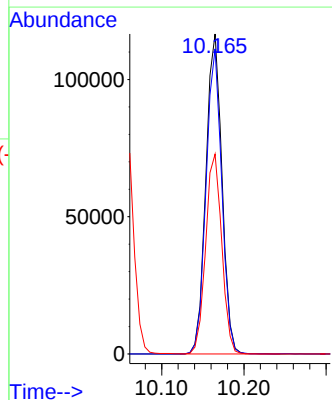
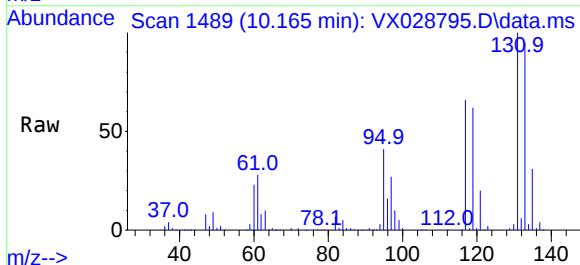
Manual Integrations
APPROVED

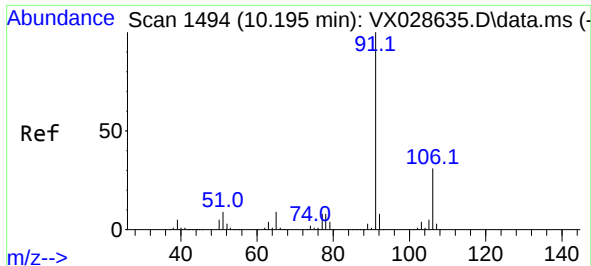
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.937 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

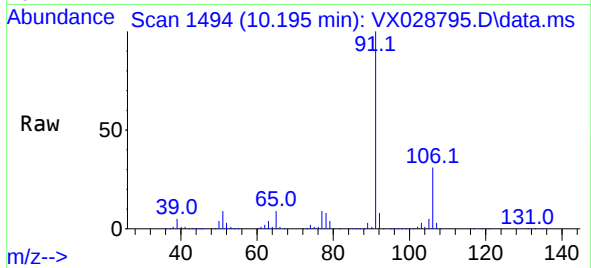
Tgt Ion:131 Resp: 157720
Ion Ratio Lower Upper
131 100
133 93.5 48.3 144.8
119 62.8 32.6 98.0





#67
Ethyl Benzene
Concen: 50.784 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

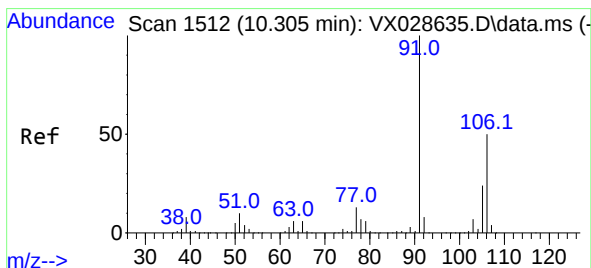
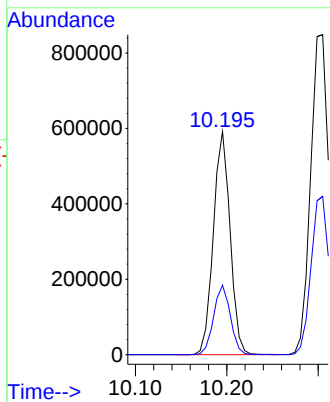
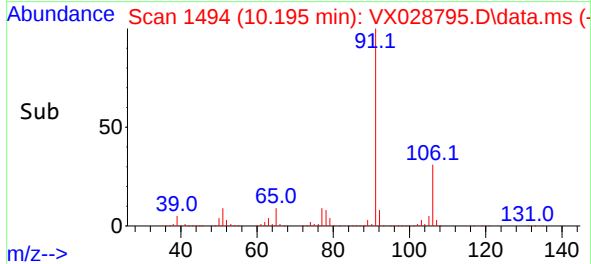
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



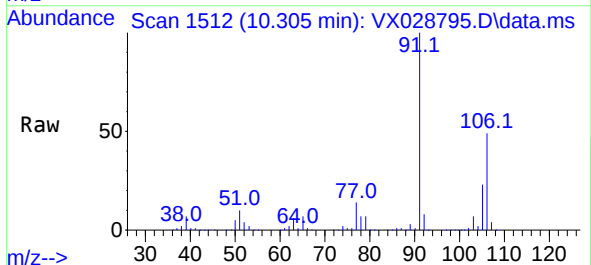
Tgt Ion: 91 Resp: 751386
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

Manual Integrations
APPROVED

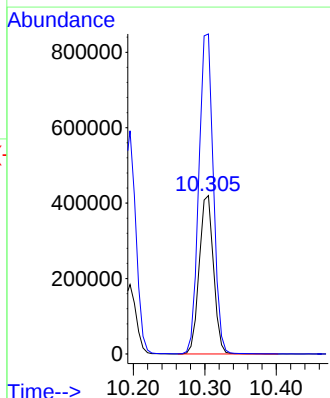
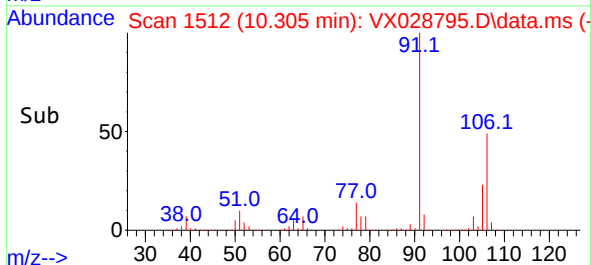
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

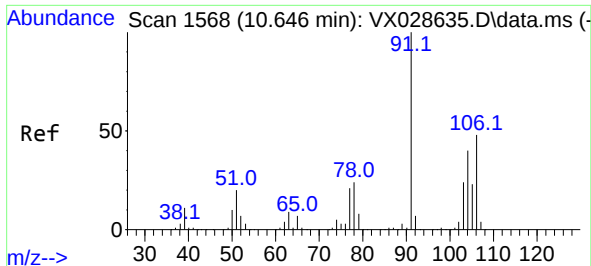


#68
m/p-Xylenes
Concen: 101.042 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion:106 Resp: 582041
Ion Ratio Lower Upper
106 100
91 205.2 160.4 240.6





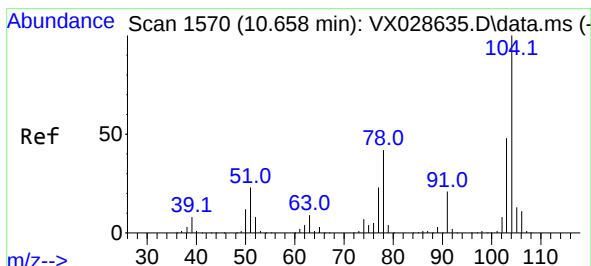
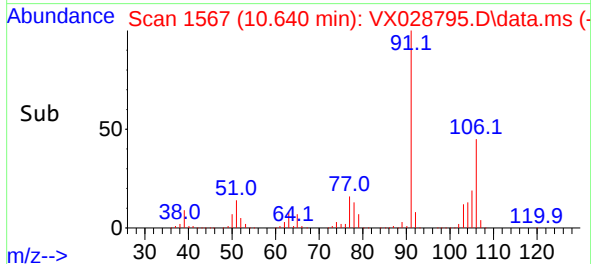
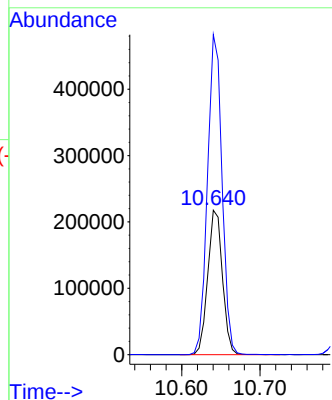
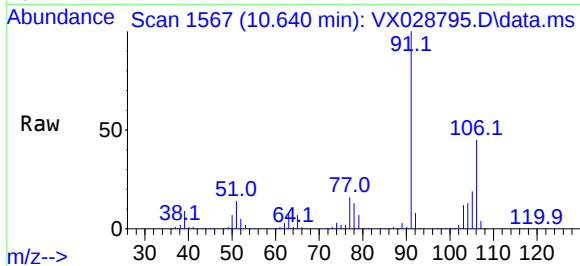
#69
o-Xylene
Concen: 49.854 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 28274
Ion Ratio Lower Upper
106 100
91 219.4 106.1 318.1

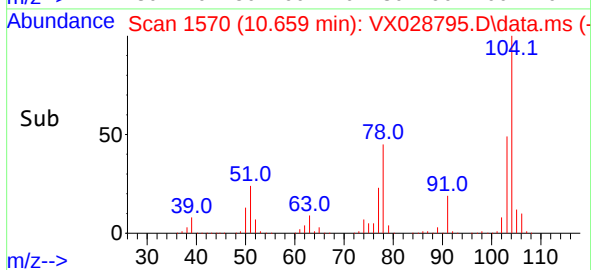
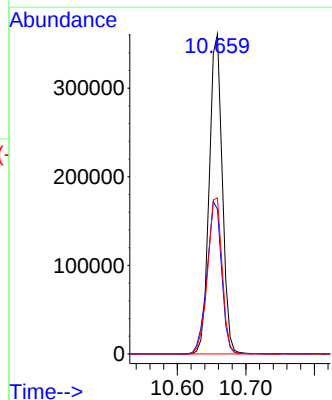
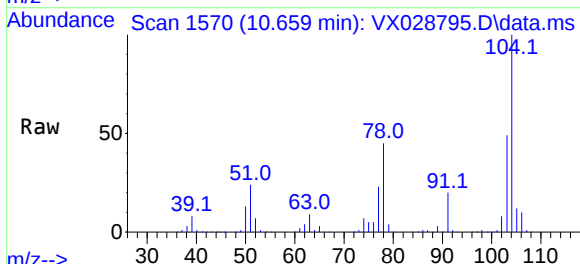
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#70
Styrene
Concen: 52.041 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

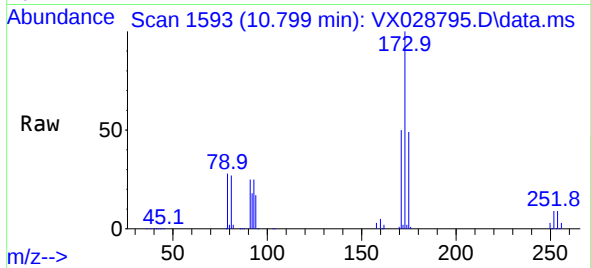
Tgt Ion:104 Resp: 479302
Ion Ratio Lower Upper
104 100
78 53.4 38.6 57.8
103 54.5 43.8 65.8





#71
Bromoform
Concen: 47.943 ug/l
RT: 10.799 min Scan# 11598
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

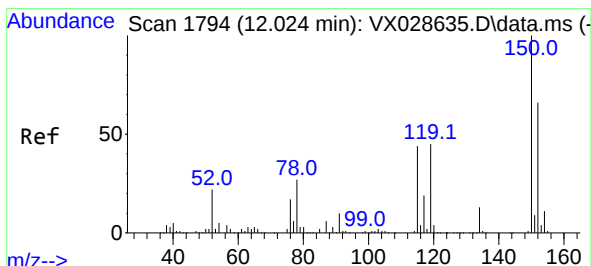
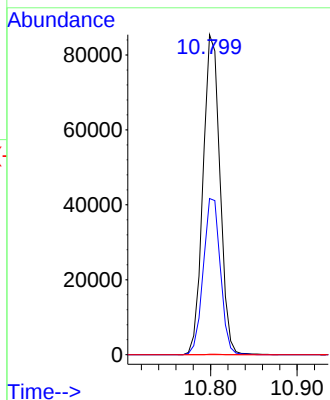
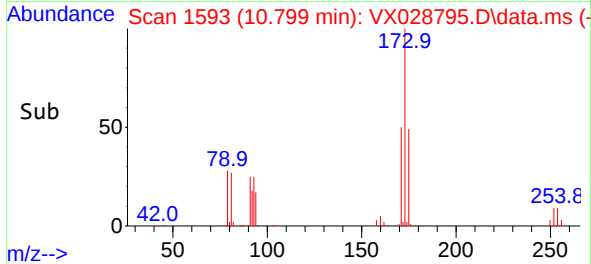
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



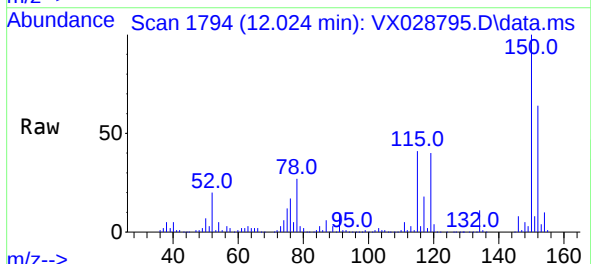
Tgt Ion:173 Resp: 11598
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

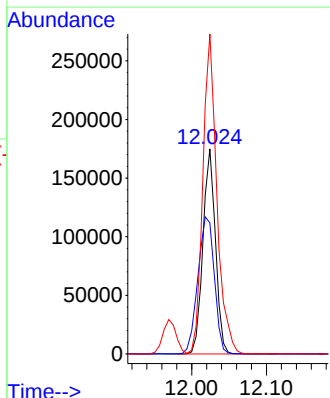
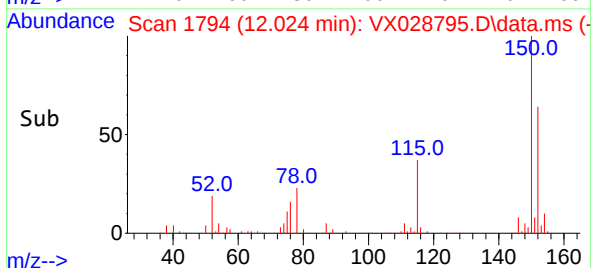
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

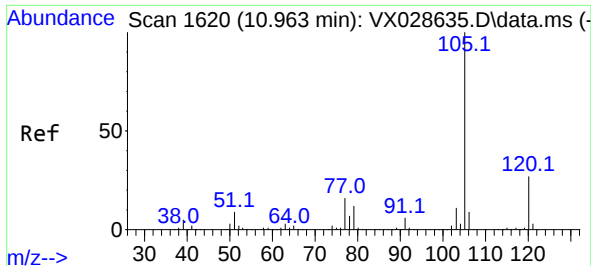


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion:152 Resp: 203647
Ion Ratio Lower Upper
152 100
115 88.0 37.5 112.7
150 174.4 0.0 338.2





#73
Isopropylbenzene
Concen: 49.138 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

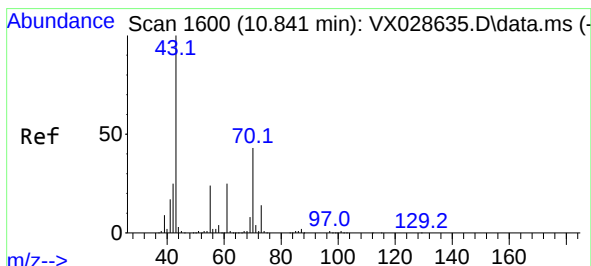
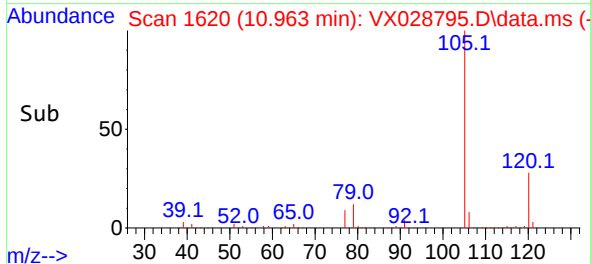
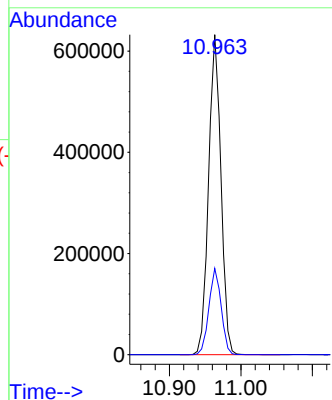
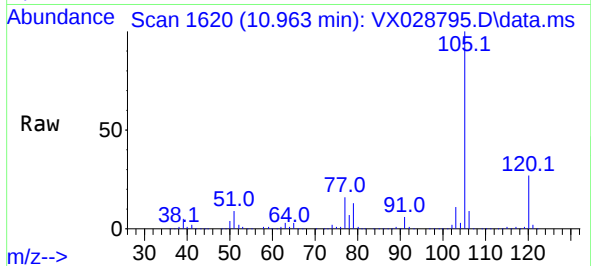
VSTDCCC050

Tgt Ion:105 Resp: 75887
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5

Manual Integrations

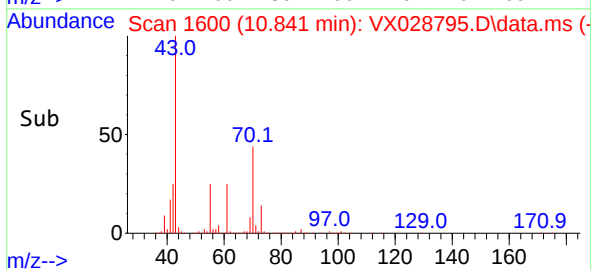
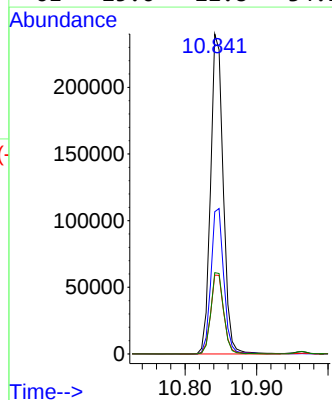
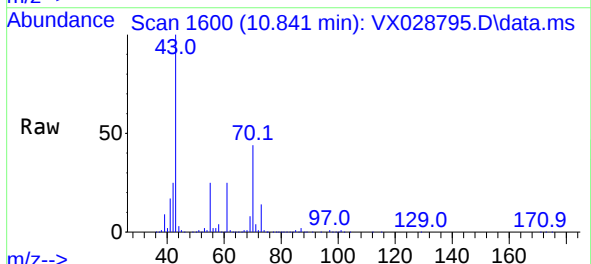
APPROVED

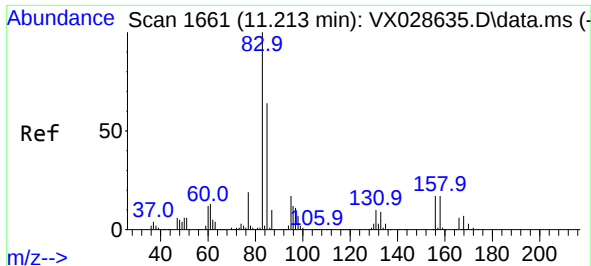
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#74
N-ethyl acetate
Concen: 48.567 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Tgt Ion: 43 Resp: 294838
Ion Ratio Lower Upper
43 100
70 46.1 42.5 63.7
55 25.6 23.1 34.7
61 25.6 22.8 34.2





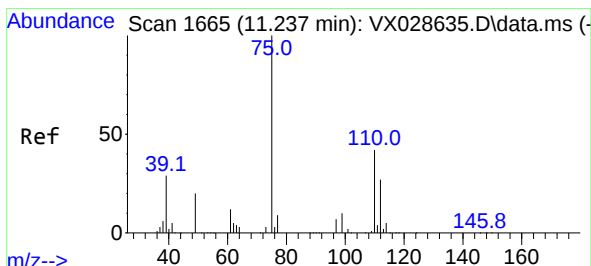
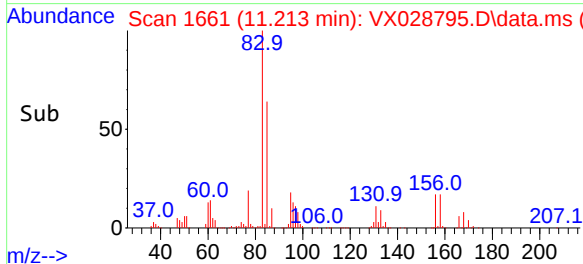
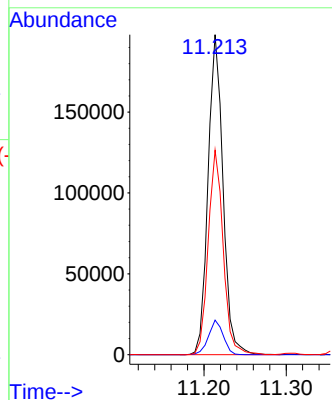
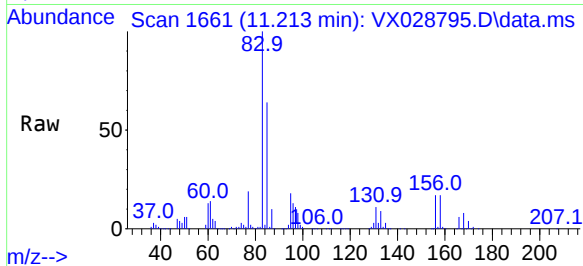
#75
1,1,2,2-Tetrachloroethane
Concen: 47.135 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 24972
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.1 32.6 97.7

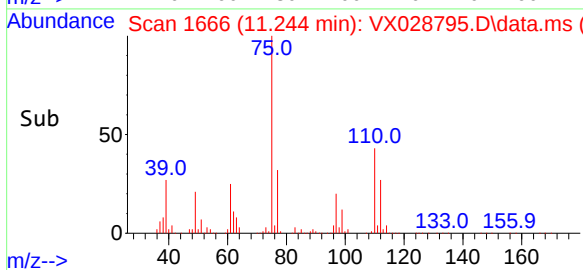
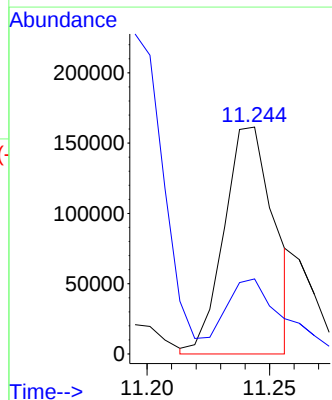
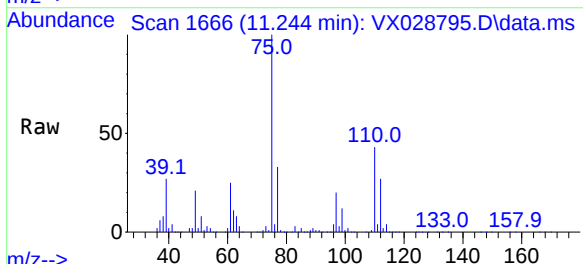
Manual Integrations
APPROVED

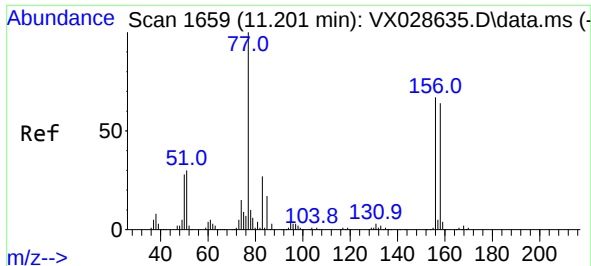
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#76
1,2,3-Trichloropropane
Concen: 48.261 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

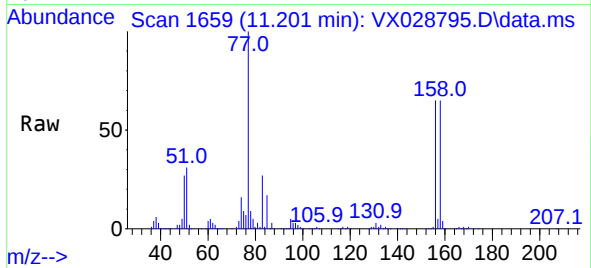
Tgt Ion: 75 Resp: 230167
Ion Ratio Lower Upper
75 100
77 39.3 19.4 58.2





#77
Bromobenzene
Concen: 49.155 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

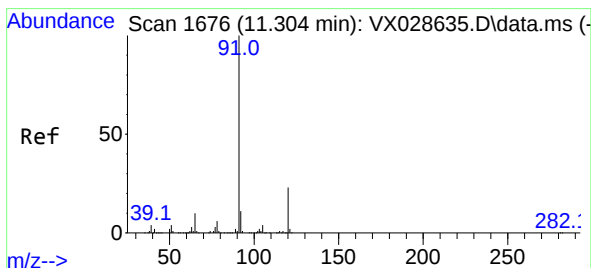
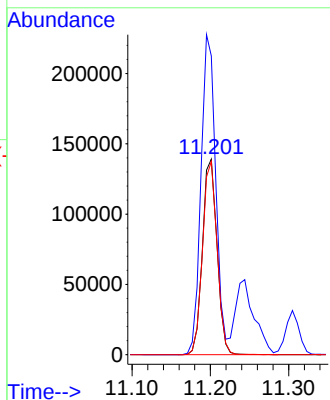
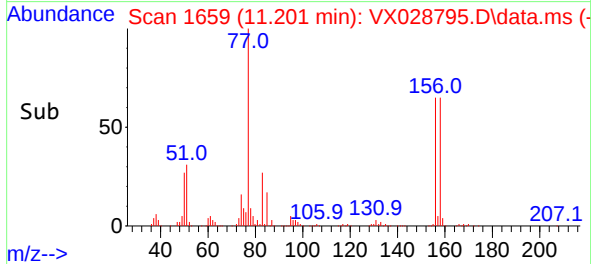
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



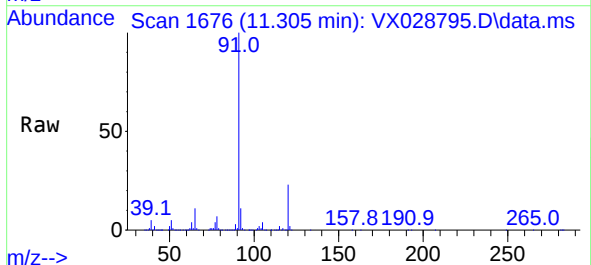
Tgt Ion:156 Resp: 179619
Ion Ratio Lower Upper
156 100
77 164.6 78.5 235.3
158 98.7 50.2 150.7

Manual Integrations
APPROVED

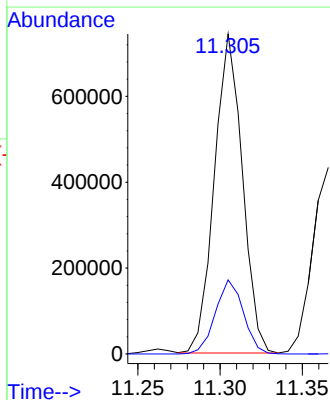
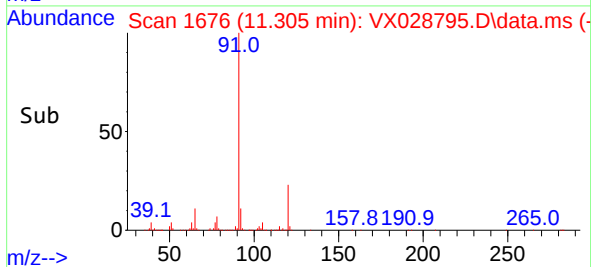
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

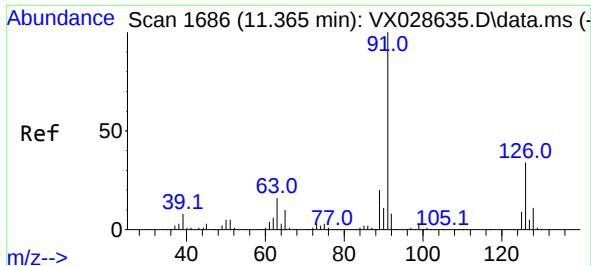


#78
n-propylbenzene
Concen: 49.226 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion: 91 Resp: 879381
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





#79
2-Chlorotoluene
Concen: 49.115 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

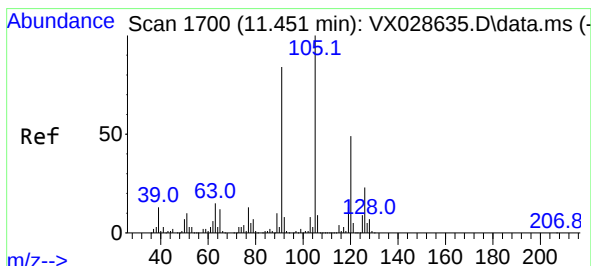
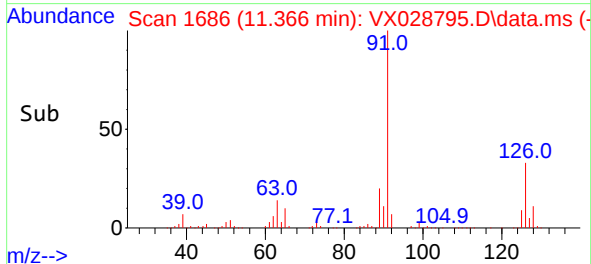
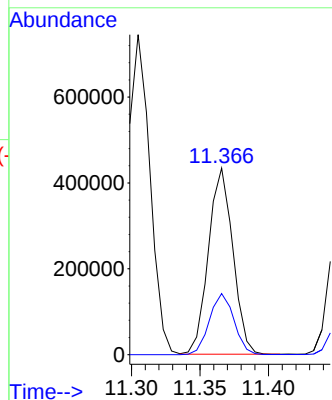
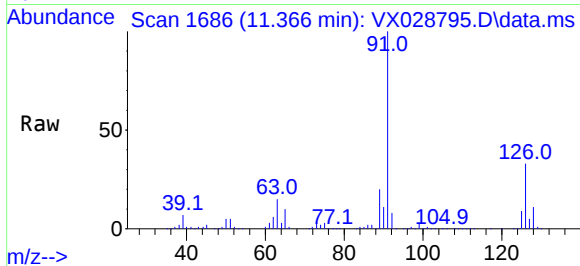
VSTDCCC050

Tgt Ion: 91 Resp: 537750
Ion Ratio Lower Upper
91 100
126 33.1 17.3 51.9

Manual Integrations

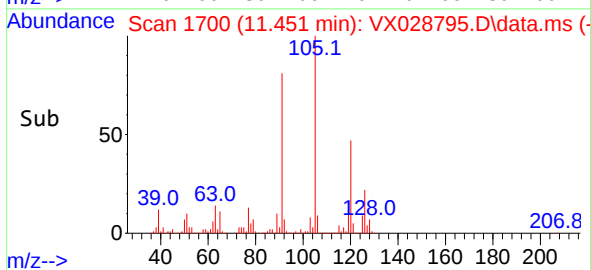
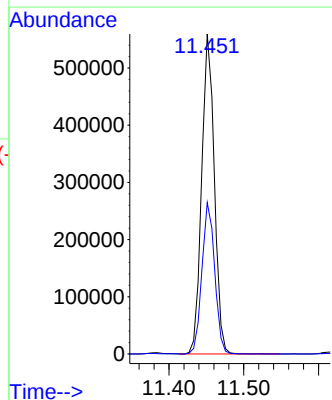
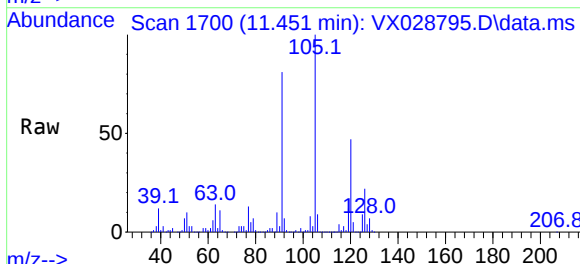
APPROVED

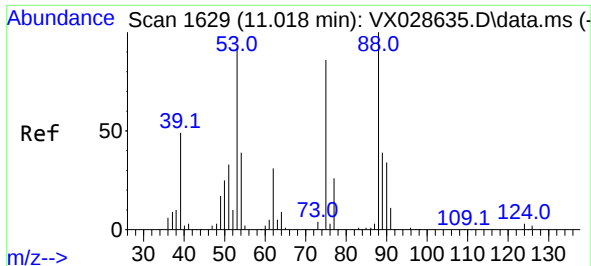
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.011 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

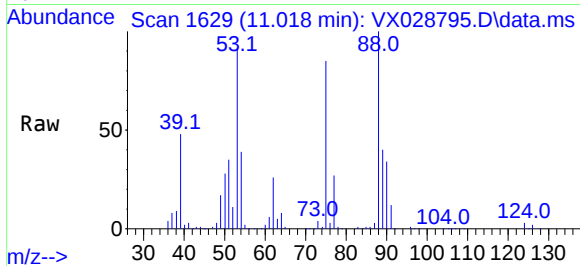
Tgt Ion:105 Resp: 656429
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 44.185 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

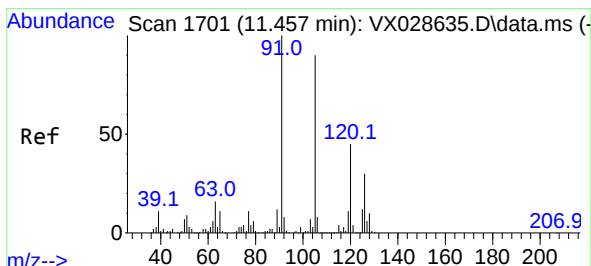
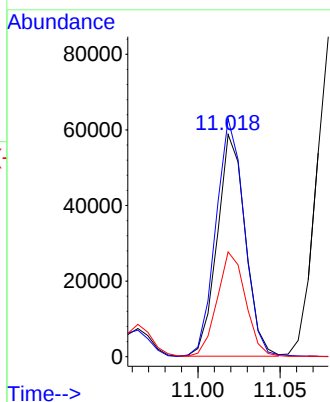
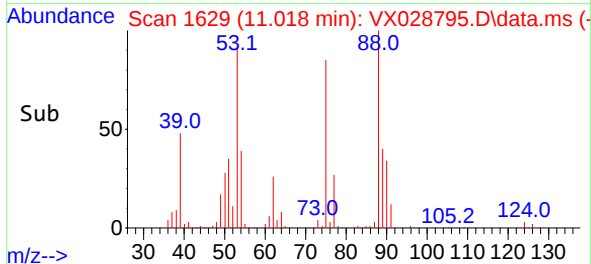
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



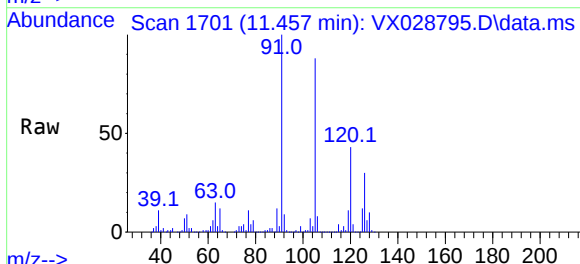
Tgt Ion: 75 Resp: 6985
Ion Ratio Lower Upper
75 100
53 108.5 69.0 103.4
89 48.0 37.0 55.6

Manual Integrations
APPROVED

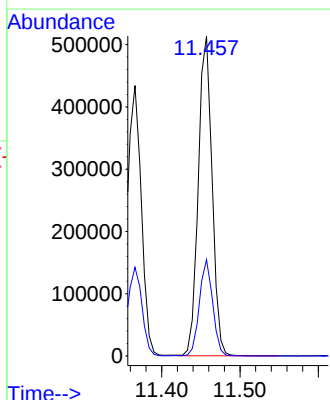
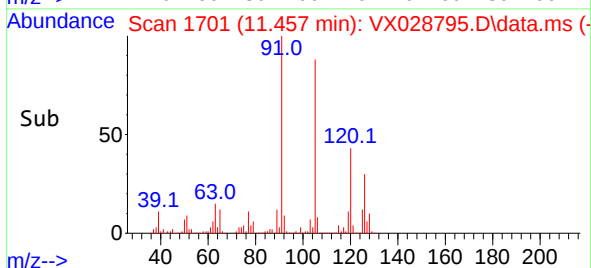
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#82
4-Chlorotoluene
Concen: 49.693 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



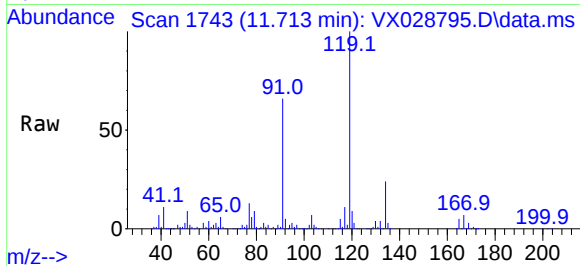
Tgt Ion: 91 Resp: 628996
Ion Ratio Lower Upper
91 100
126 29.0 14.9 44.5





#83
tert-Butylbenzene
Concen: 51.088 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

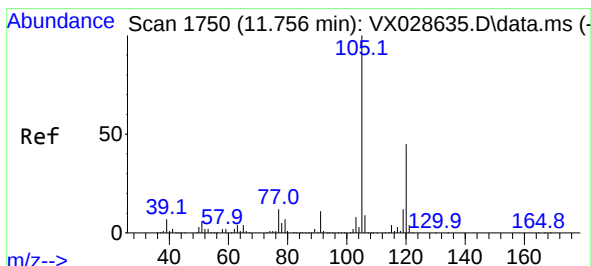
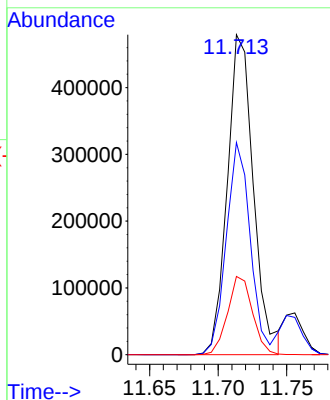
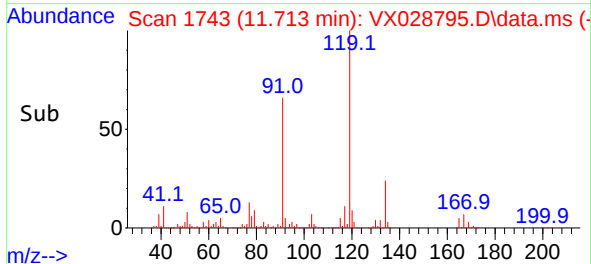
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 636510
Ion Ratio Lower Upper
119 100
91 60.9 26.9 80.6
134 23.3 11.4 34.2

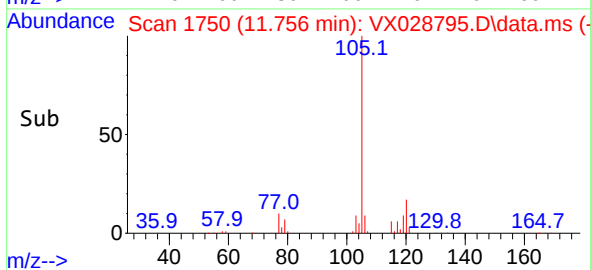
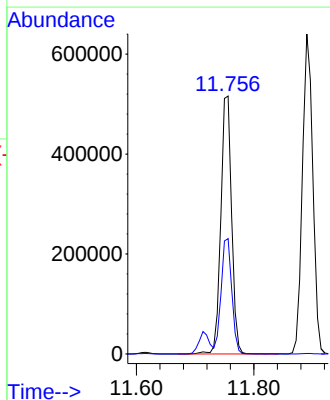
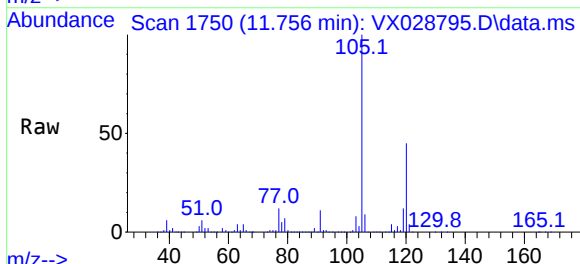
Manual Integrations
APPROVED

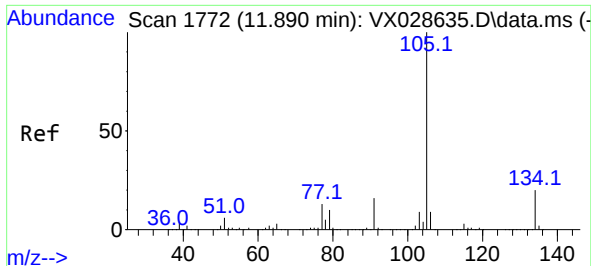
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.944 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

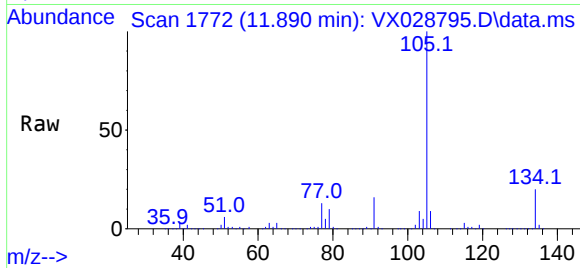
Tgt Ion:105 Resp: 657397
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 51.055 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028795.D
 Acq: 18 May 2022 10:44

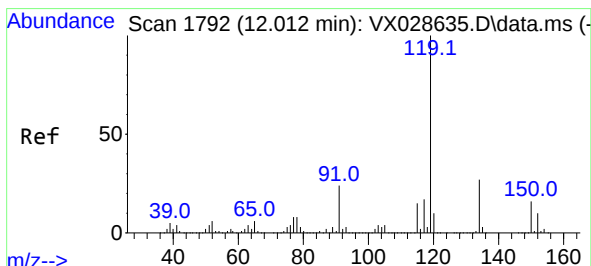
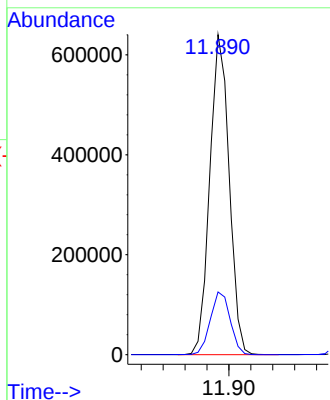
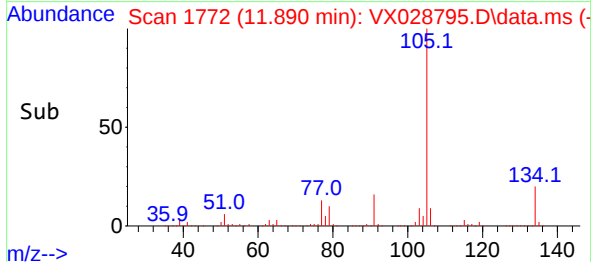
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



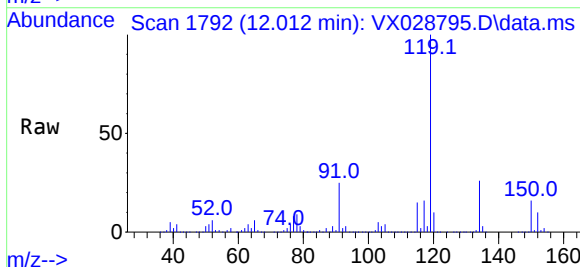
Tgt Ion:105 Resp: 784638
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4

Manual Integrations
 APPROVED

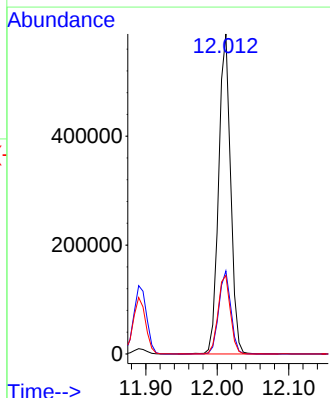
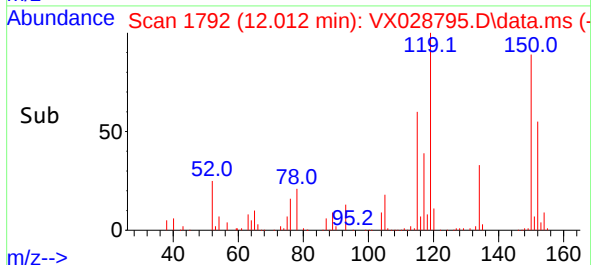
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022

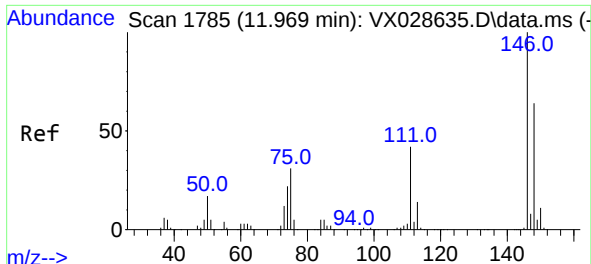


#86
 p-Isopropyltoluene
 Concen: 52.940 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028795.D
 Acq: 18 May 2022 10:44



Tgt Ion:119 Resp: 682724
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.083 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

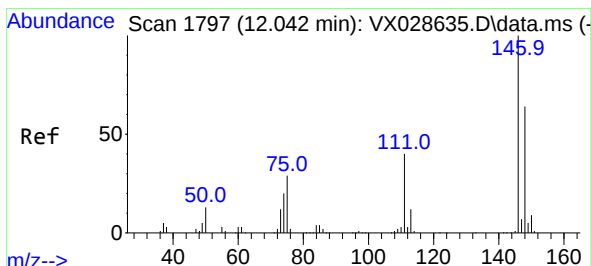
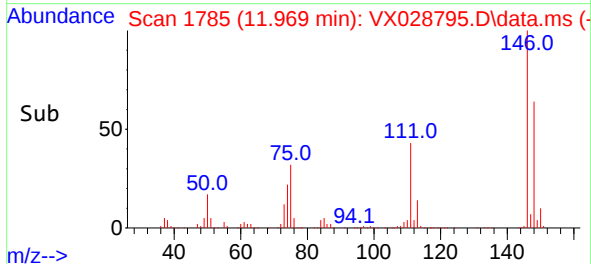
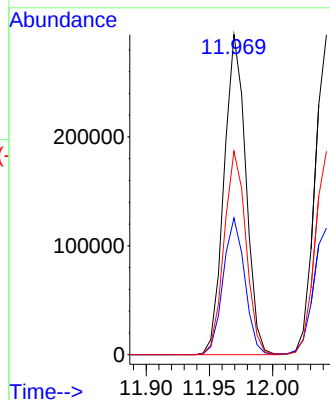
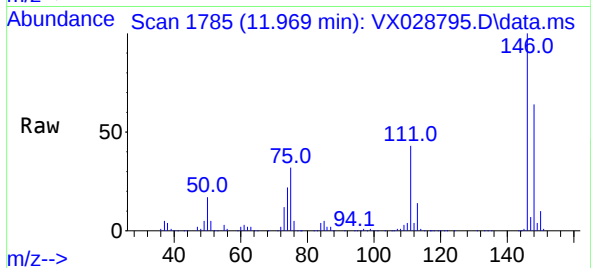
Tgt Ion:146 Resp: 351795
 Ion Ratio Lower Upper
 146 100
 111 42.4 19.7 59.1
 148 63.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#88

1,4-Dichlorobenzene

Concen: 48.243 ug/l

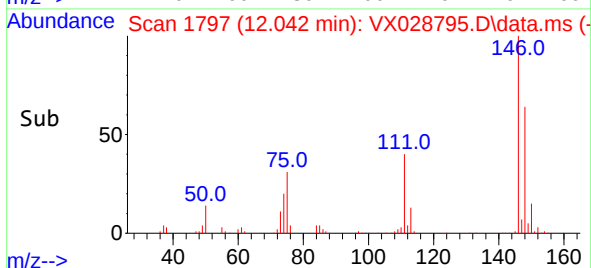
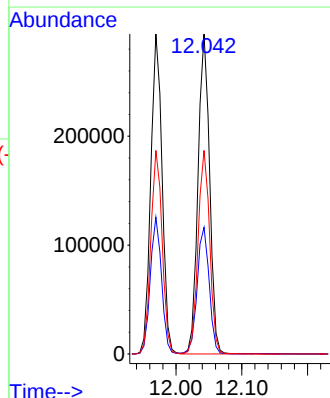
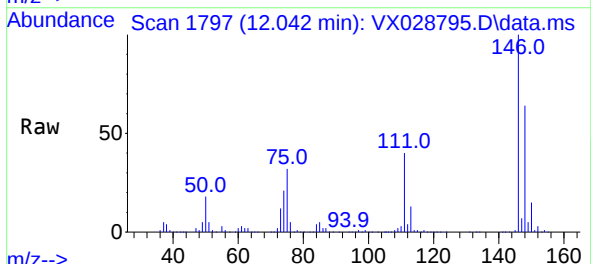
RT: 12.042 min Scan# 1797

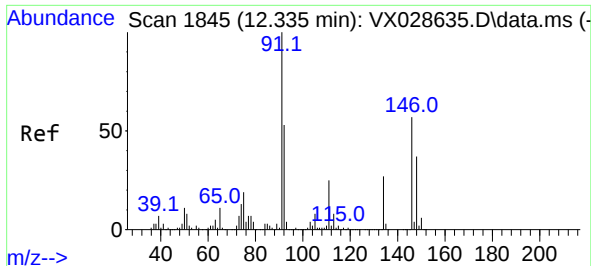
Delta R.T. 0.000 min

Lab File: VX028795.D

Acq: 18 May 2022 10:44

Tgt Ion:146 Resp: 358649
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.2 57.6
 148 63.8 32.3 96.9





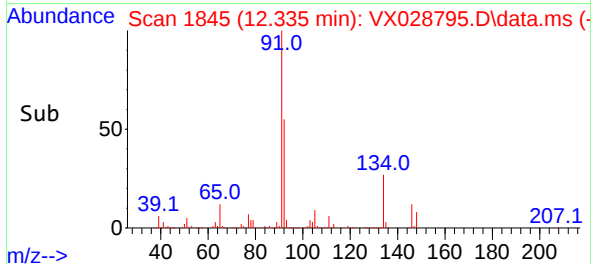
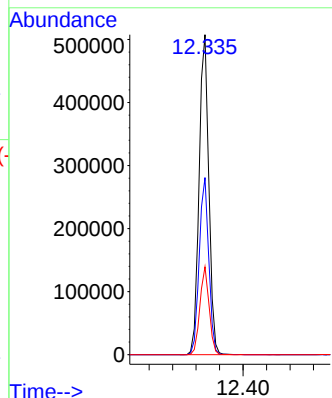
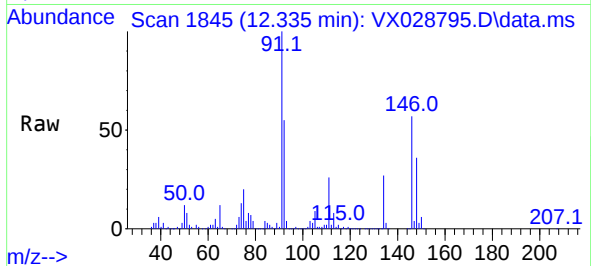
#89
n-Butylbenzene
Concen: 52.052 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 581618
Ion Ratio Lower Upper
91 100
92 54.5 27.8 83.3
134 26.3 13.3 39.8

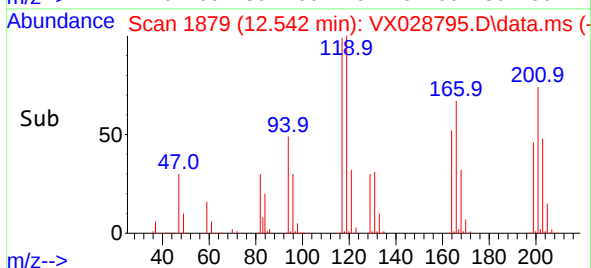
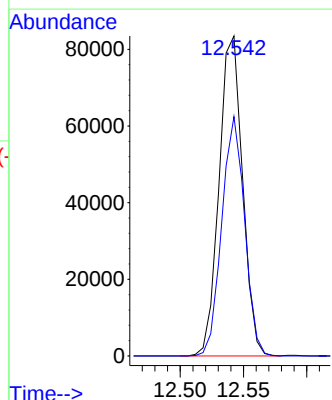
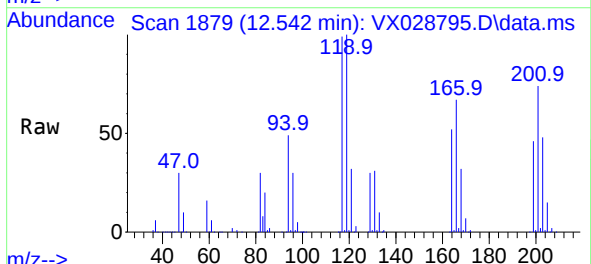
Manual Integrations
APPROVED

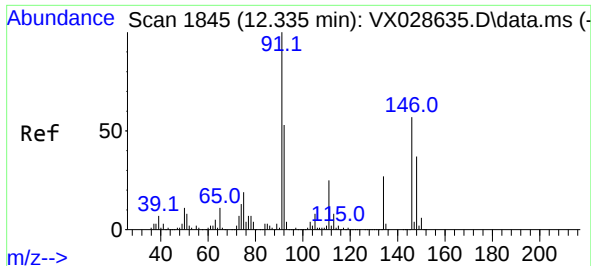
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#90
Hexachloroethane
Concen: 51.612 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Tgt Ion:117 Resp: 107636
Ion Ratio Lower Upper
117 100
201 72.6 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 50.073 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

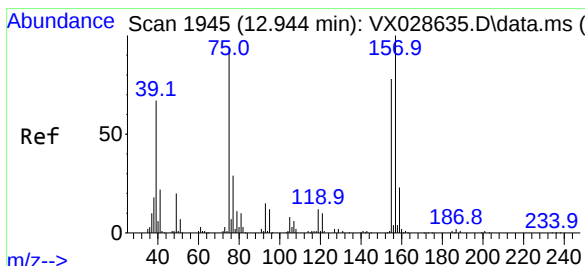
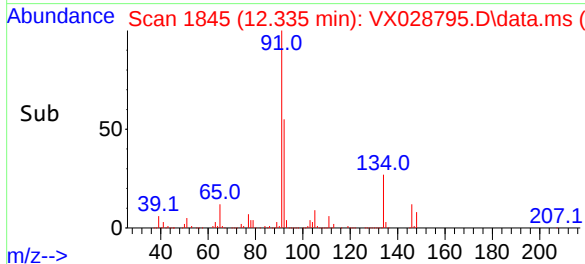
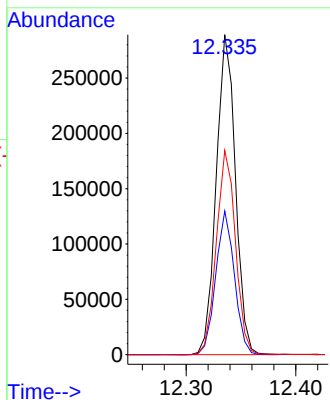
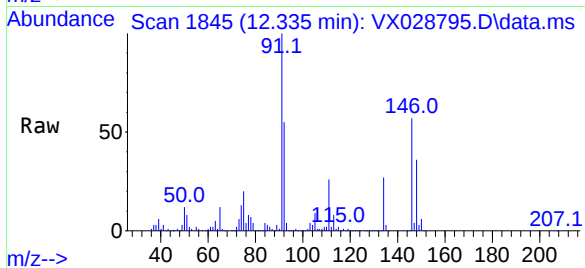
Tgt Ion:146 Resp: 352558
Ion Ratio Lower Upper
146 100
111 43.8 21.0 63.0
148 63.7 32.6 97.7

Manual Integrations

APPROVED

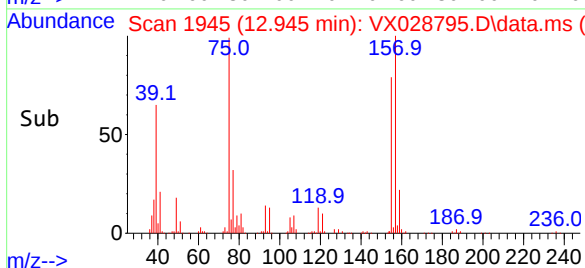
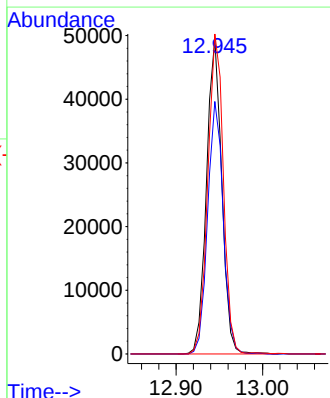
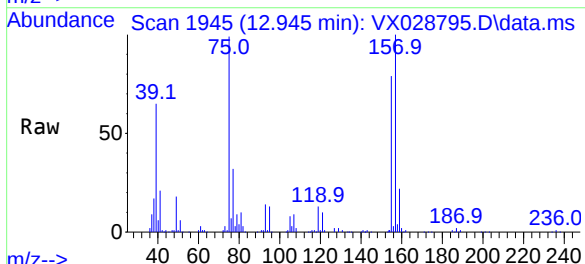
Reviewed By :John Carlone 05/19/2022

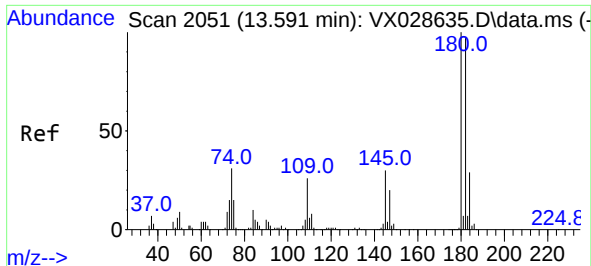
Supervised By :Mahesh Dadoda 05/19/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.575 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Tgt Ion: 75 Resp: 60608
Ion Ratio Lower Upper
75 100
155 81.4 47.0 141.2
157 103.5 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 47.956 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

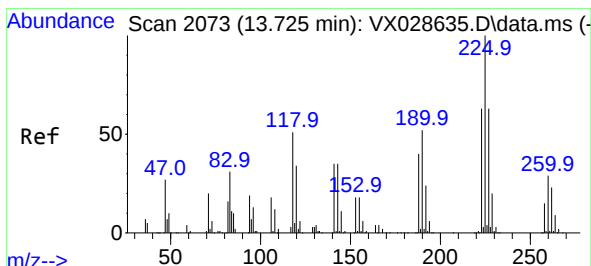
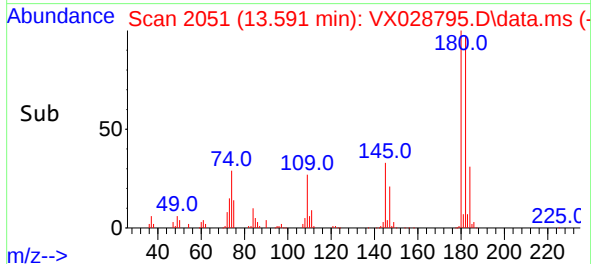
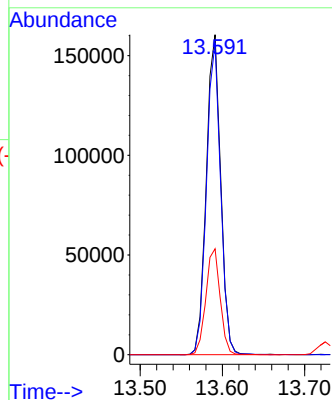
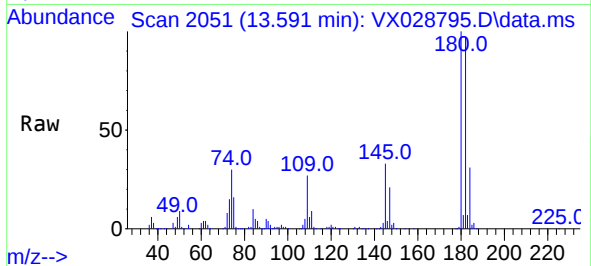
VSTDCCC050

Tgt Ion:180 Resp: 195020
Ion Ratio Lower Upper
180 100
182 95.7 47.7 143.1
145 33.0 15.2 45.5

Manual Integrations

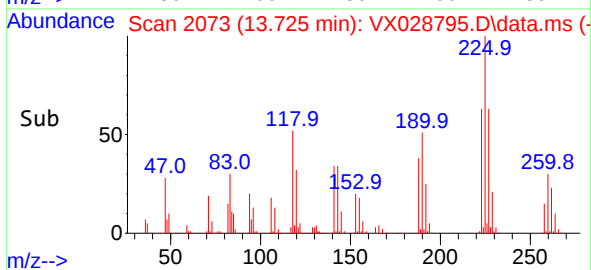
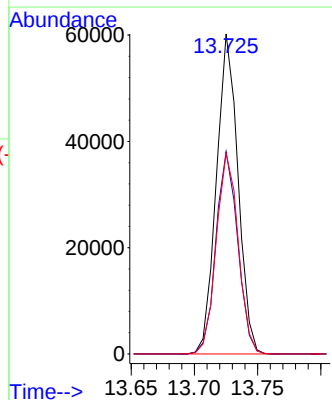
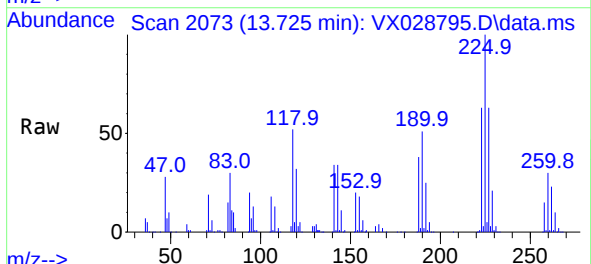
APPROVED

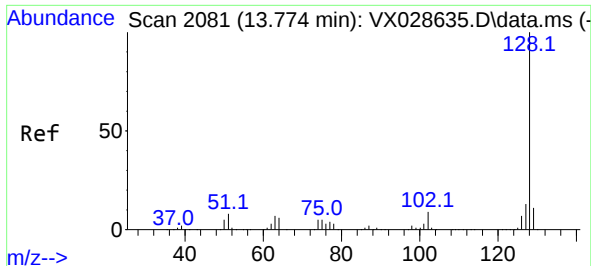
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#94
Hexachlorobutadiene
Concen: 43.137 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

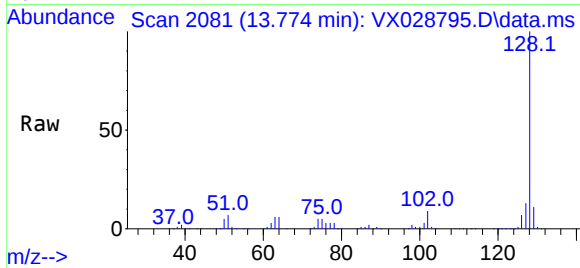
Tgt Ion:225 Resp: 71266
Ion Ratio Lower Upper
225 100
223 63.7 34.2 102.5
227 63.8 33.9 101.7





#95
Naphthalene
Concen: 43.617 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44

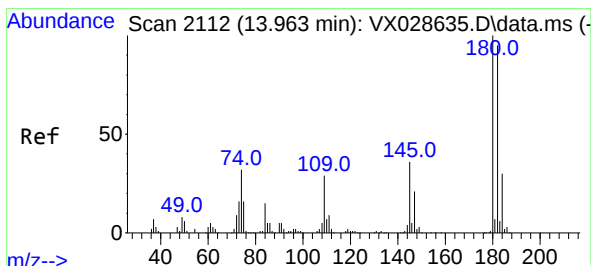
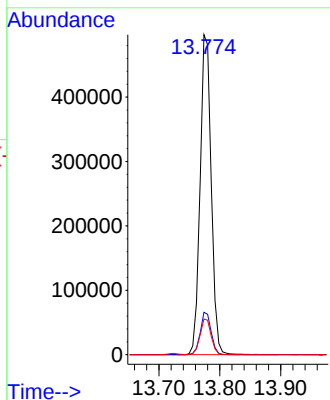
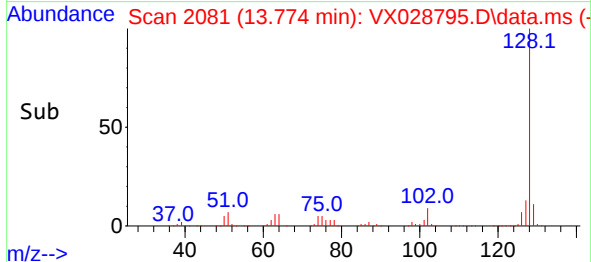
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



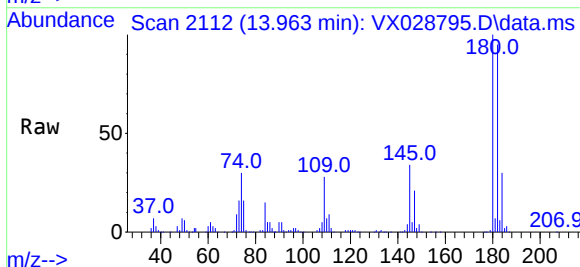
Tgt Ion:128 Resp: 631194
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 42.959 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028795.D
Acq: 18 May 2022 10:44



Tgt Ion:180 Resp: 175460
Ion Ratio Lower Upper
180 100
182 95.3 50.0 149.8
145 34.2 16.2 48.5

