

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036496.D
 Acq On : 10 Jul 2023 20:28
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jul 11 01:34:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	153375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125283	56.985	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.980%	
35) Dibromofluoromethane	5.385	113	100252	52.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.640%	
50) Toluene-d8	8.647	98	350681	49.473	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	11.079	95	131752	52.769	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	66648	45.899	ug/l	95
3) Chloromethane	1.295	50	106949	42.458	ug/l	99
4) Vinyl Chloride	1.374	62	108714	39.477	ug/l	98
5) Bromomethane	1.612	94	120444	59.773	ug/l	99
6) Chloroethane	1.679	64	90135	44.585	ug/l	99
7) Trichlorofluoromethane	1.886	101	180181	43.036	ug/l	99
8) Diethyl Ether	2.136	74	83964	51.951	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	81930	46.627	ug/l	97
10) Methyl Iodide	2.453	142	103736	48.723	ug/l	93
11) Tert butyl alcohol	2.977	59	66480	166.120	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	88901	51.003	ug/l	88
13) Acrolein	2.239	56	100572	182.988	ug/l	99
14) Allyl chloride	2.660	41	158558	55.974	ug/l	97
15) Acrylonitrile	3.069	53	306772	302.424	ug/l	99
16) Acetone	2.386	43	271263	288.666	ug/l	93
17) Carbon Disulfide	2.514	76	193305	45.155	ug/l	99
18) Methyl Acetate	2.703	43	243482	63.008	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	349114	61.975	ug/l	98
20) Methylene Chloride	2.788	84	111838	55.275	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	97525	52.432	ug/l	93
22) Diisopropyl ether	3.757	45	348362	61.373	ug/l	94
23) Vinyl Acetate	3.721	43	1301032	315.847	ug/l	98
24) 1,1-Dichloroethane	3.611	63	198623	59.376	ug/l	99
25) 2-Butanone	4.556	43	423667	313.786	ug/l	96
26) 2,2-Dichloropropane	4.477	77	126702	53.404	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	120954	57.984	ug/l	92
28) Bromochloromethane	4.898	49	77882	44.892	ug/l	90
29) Tetrahydrofuran	5.001	42	274023	318.777	ug/l	96
30) Chloroform	5.093	83	204863	60.803	ug/l	99
31) Cyclohexane	5.471	56	131741	46.760	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	163332	58.035	ug/l	99
36) 1,1-Dichloropropene	5.696	75	130786	46.231	ug/l	97
37) Ethyl Acetate	4.715	43	166498	57.746	ug/l	98
38) Carbon Tetrachloride	5.678	117	133834	51.798	ug/l	97
39) Methylcyclohexane	7.379	83	139340	41.123	ug/l	95
40) Benzene	6.038	78	424829	53.758	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	89161	55.743	ug/l	92
42) 1,2-Dichloroethane	6.086	62	164350	54.677	ug/l	99
43) Isopropyl Acetate	6.342	43	274235	59.621	ug/l	97
44) Trichloroethene	7.129	130	112109	51.003	ug/l	95
45) 1,2-Dichloropropane	7.428	63	117936	54.796	ug/l	100
46) Dibromomethane	7.580	93	83886	55.369	ug/l	95
47) Bromodichloromethane	7.824	83	155855	56.886	ug/l	95
48) Methyl methacrylate	7.690	41	131273	57.239	ug/l	91
49) 1,4-Dioxane	7.684	88	56067	1102.778	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	860385	290.337	ug/l	99
52) Toluene	8.720	92	260178	51.950	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	164072	59.284	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	179654	57.424	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	116641	56.040	ug/l	93
56) Ethyl methacrylate	9.116	69	184751	59.344	ug/l	96
57) 1,3-Dichloropropane	9.311	76	195371	54.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	475977	272.049	ug/l	99
59) 2-Hexanone	9.433	43	644049	297.616	ug/l	97
60) Dibromochloromethane	9.519	129	119647	59.165	ug/l	100
61) 1,2-Dibromoethane	9.610	107	122367	55.398	ug/l	100
64) Tetrachloroethene	9.275	164	99212	54.331	ug/l	98
65) Chlorobenzene	10.080	112	290752	53.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	107983	58.763	ug/l	98
67) Ethyl Benzene	10.195	91	505596	52.312	ug/l	98
68) m/p-Xylenes	10.299	106	384748	102.461	ug/l	98
69) o-Xylene	10.640	106	197646	54.505	ug/l	96
70) Styrene	10.653	104	321974	54.229	ug/l	96
71) Bromoform	10.799	173	82441	62.548	ug/l #	99
73) Isopropylbenzene	10.964	105	482847	51.087	ug/l	98
74) N-amyl acetate	10.842	43	235596	63.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	176118	55.026	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	195745	73.171	ug/l	89
77) Bromobenzene	11.195	156	123129	52.981	ug/l	92
78) n-propylbenzene	11.305	91	554963	50.277	ug/l	99
79) 2-Chlorotoluene	11.366	91	342730	52.195	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	415568	51.918	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	49320	60.097	ug/l	91
82) 4-Chlorotoluene	11.451	91	395139	51.688	ug/l	97
83) tert-Butylbenzene	11.713	119	386807	50.425	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	415986	52.531	ug/l	97
85) sec-Butylbenzene	11.890	105	476986	49.083	ug/l	99
86) p-Isopropyltoluene	12.006	119	408147	50.044	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	223221	52.241	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	220948	50.782	ug/l	97
89) n-Butylbenzene	12.335	91	355480	48.976	ug/l	98
90) Hexachloroethane	12.536	117	66857	54.124	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	224555	53.372	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39325	64.686	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	139721	53.915	ug/l	97
94) Hexachlorobutadiene	13.725	225	46284	43.608	ug/l	98
95) Naphthalene	13.774	128	509874	59.555	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	143395	56.725	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

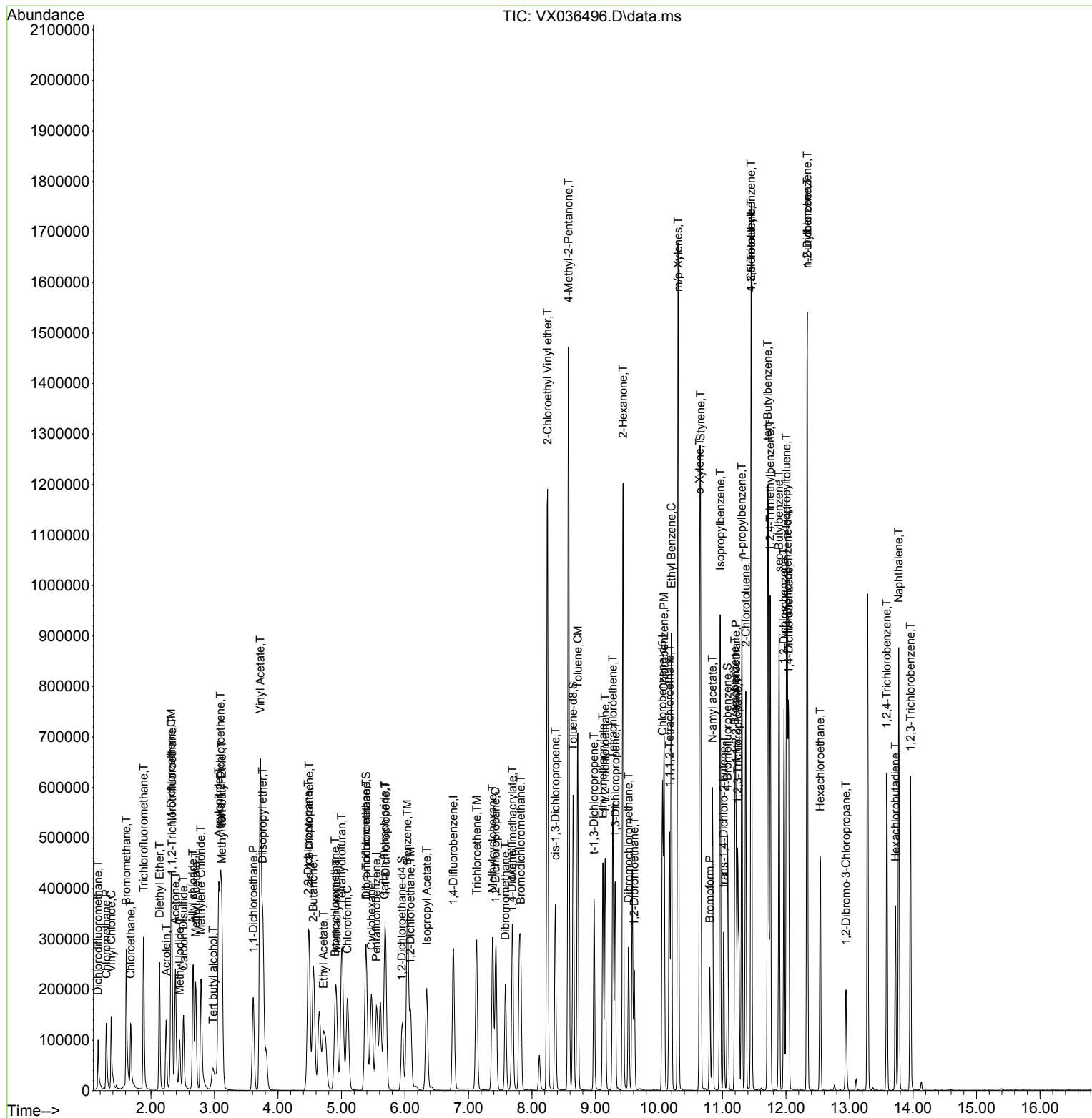
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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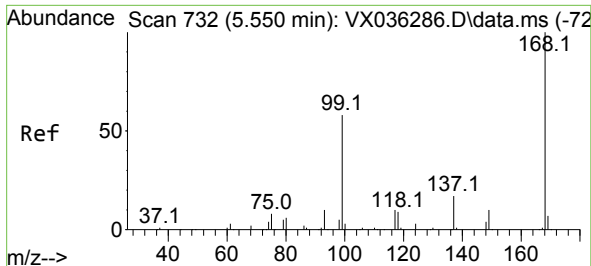
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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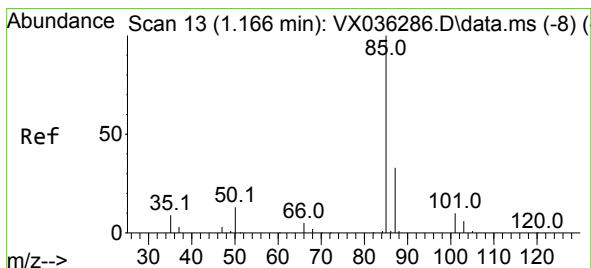
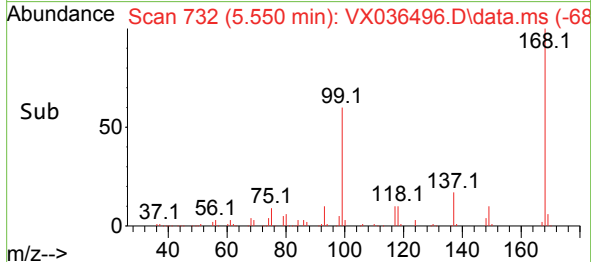
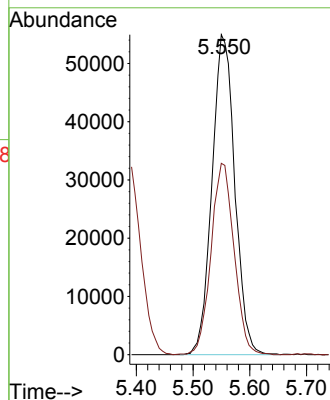
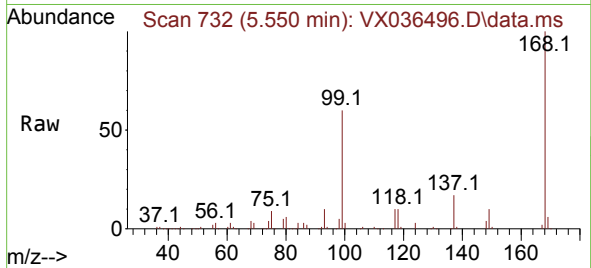




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

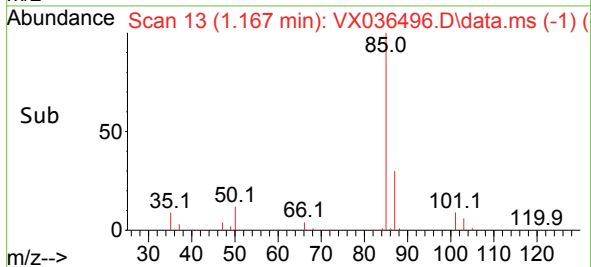
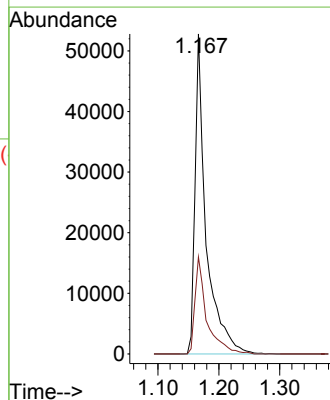
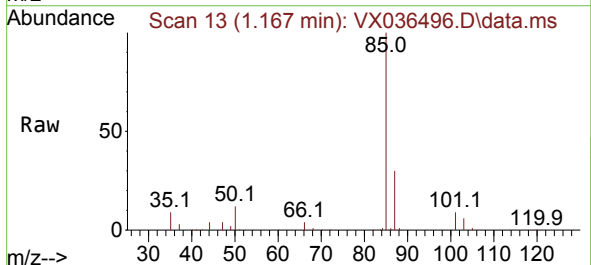
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

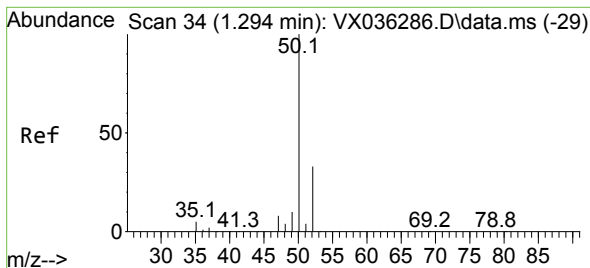
Tgt Ion:168 Resp: 153375
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 45.899 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 85 Resp: 66648
Ion Ratio Lower Upper
85 100
87 30.3 16.7 50.1





#3

Chloromethane

Concen: 42.458 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

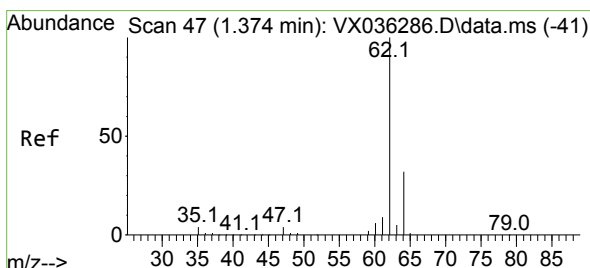
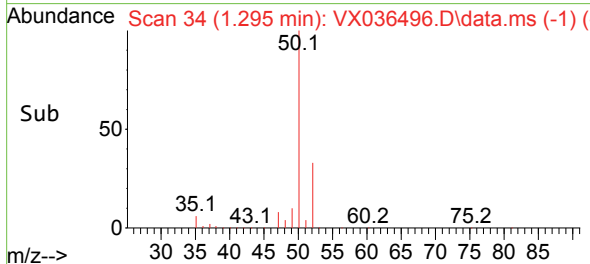
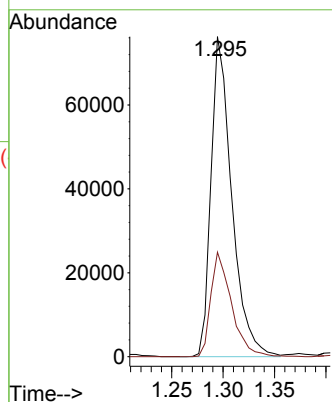
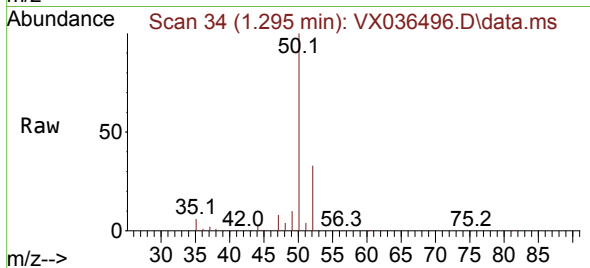
VSTDCCC050EC

Tgt Ion: 50 Resp: 106949

Ion Ratio Lower Upper

50 100

52 32.6 25.5 38.3



#4

Vinyl Chloride

Concen: 39.477 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036496.D

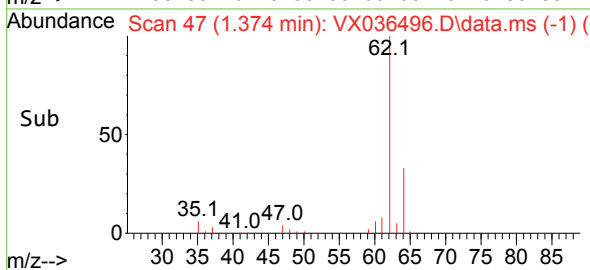
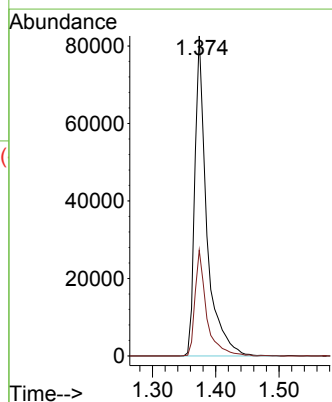
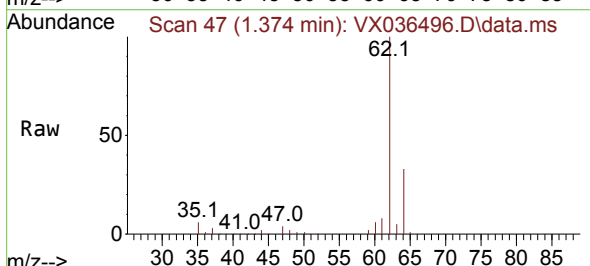
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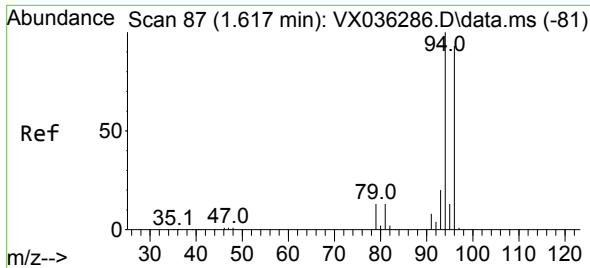
Tgt Ion: 62 Resp: 108714

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.0

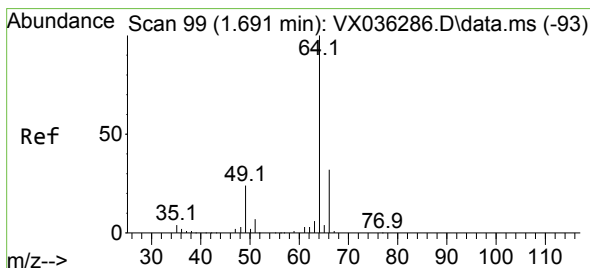
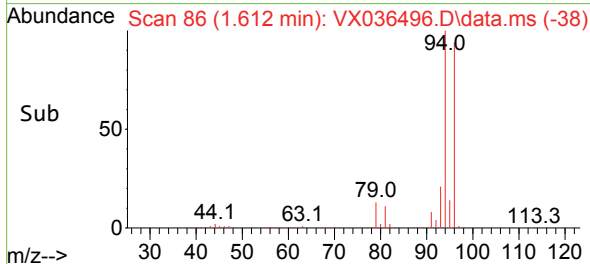
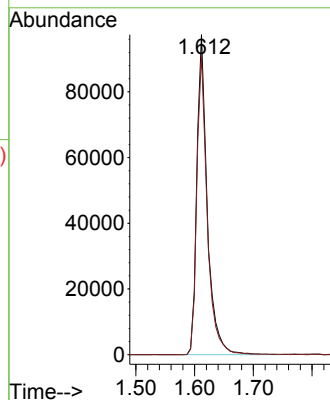
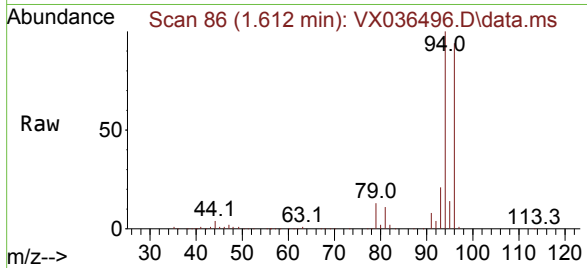




#5
Bromomethane
Concen: 59.773 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.005 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

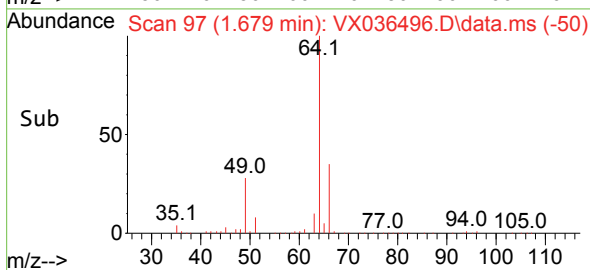
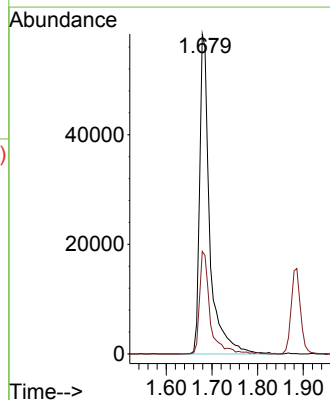
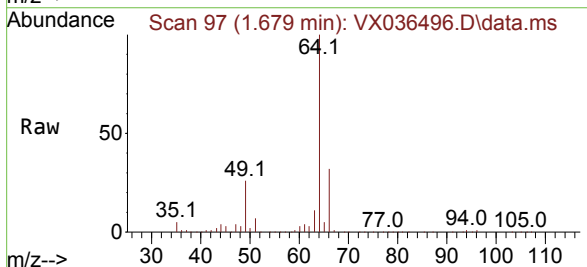
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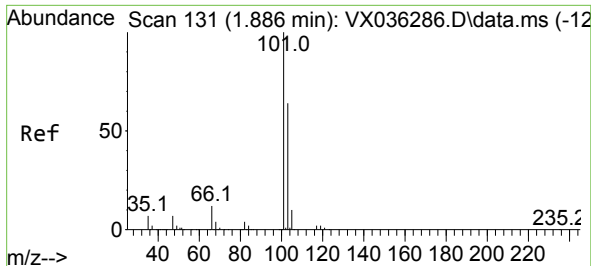
Tgt Ion: 94 Resp: 120444
Ion Ratio Lower Upper
94 100
96 93.7 74.6 111.8



#6
Chloroethane
Concen: 44.585 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.011 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 64 Resp: 90135
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7

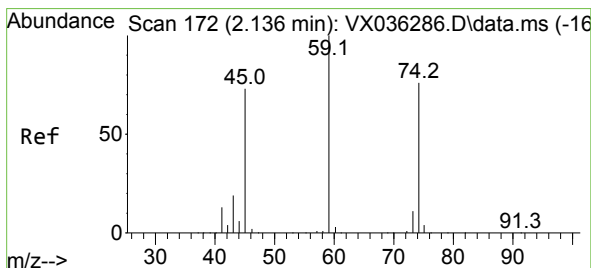
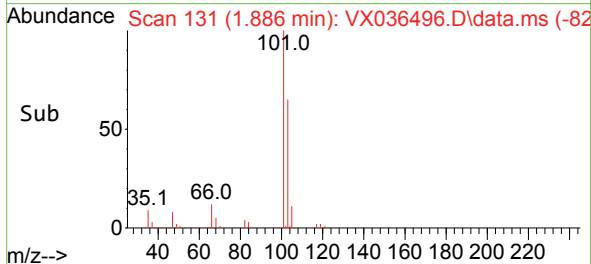
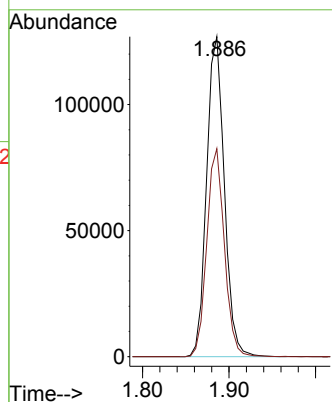
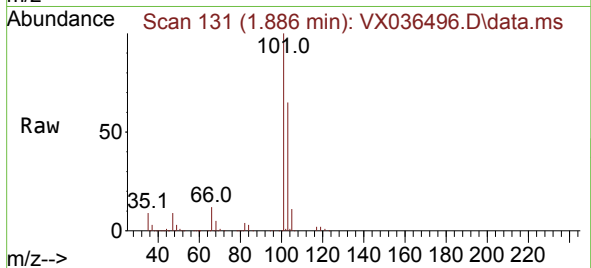




#7
 Trichlorofluoromethane
 Concen: 43.036 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

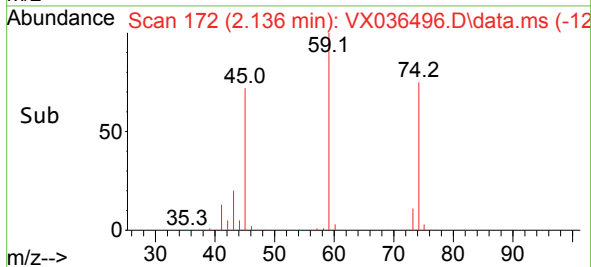
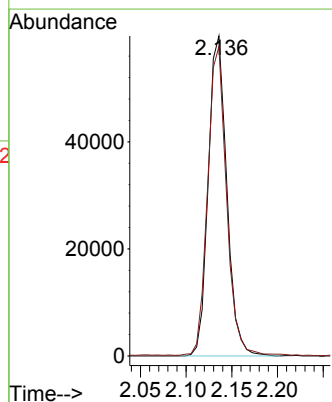
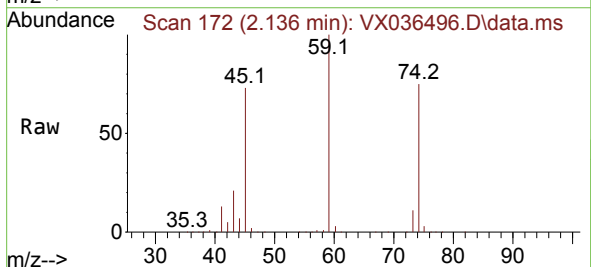
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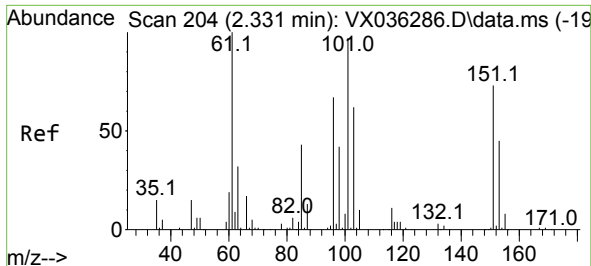
Tgt Ion:101 Resp: 180181
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2



#8
 Diethyl Ether
 Concen: 51.951 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.001 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

Tgt Ion: 74 Resp: 83964
 Ion Ratio Lower Upper
 74 100
 45 98.7 53.3 159.8

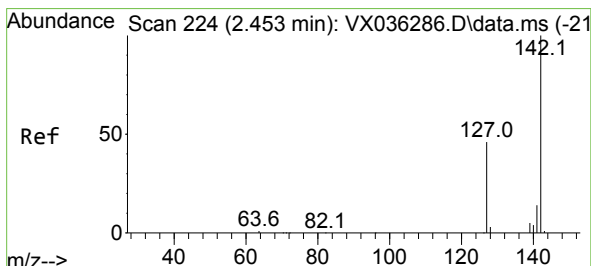
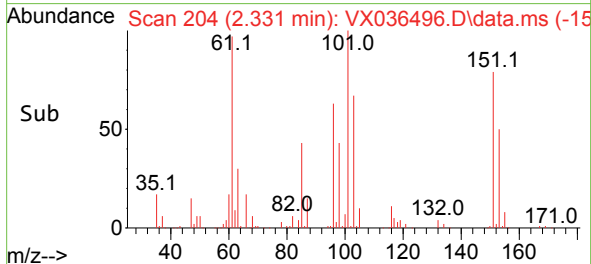
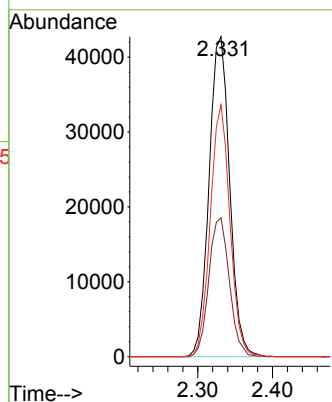
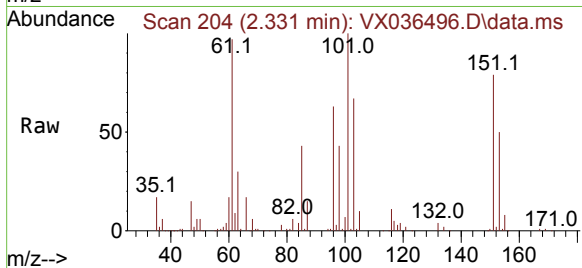




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.627 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

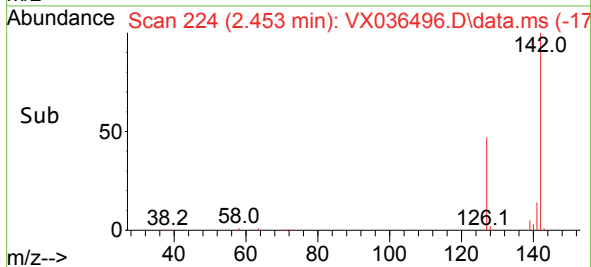
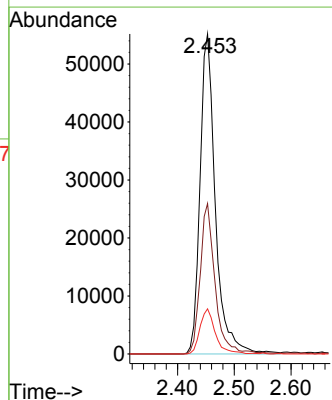
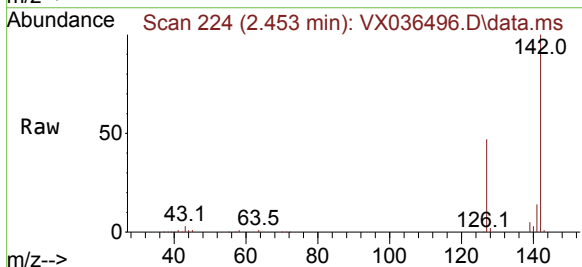
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

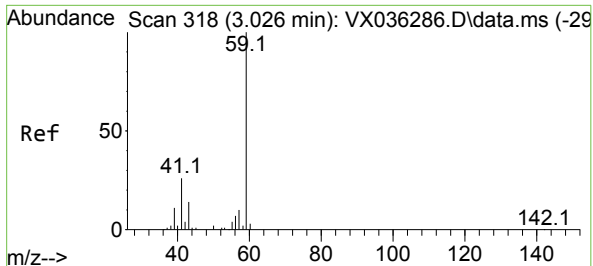
Tgt Ion:101 Resp: 81930
Ion Ratio Lower Upper
101 100
85 43.2 37.0 55.6
151 75.3 58.6 87.8



#10
Methyl Iodide
Concen: 48.723 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion:142 Resp: 103736
Ion Ratio Lower Upper
142 100
127 45.7 41.6 62.4
141 14.2 11.6 17.4

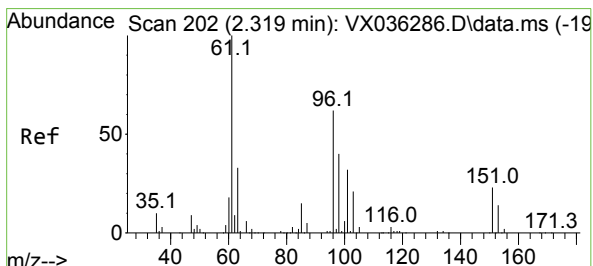
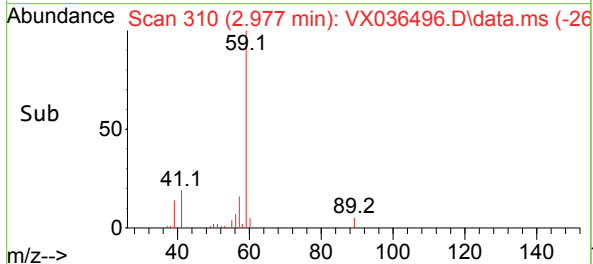
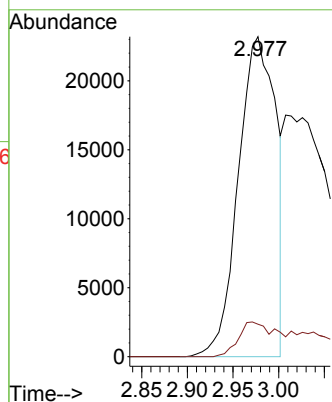
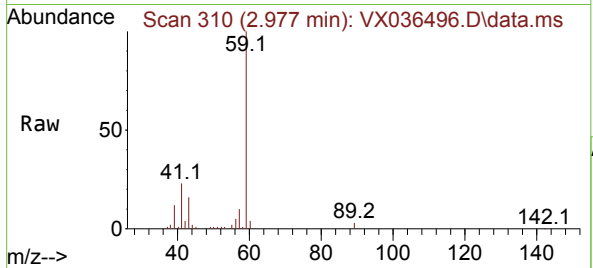




#11
Tert butyl alcohol
Concen: 166.120 ug/l
RT: 2.977 min Scan# 31
Delta R.T. -0.036 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

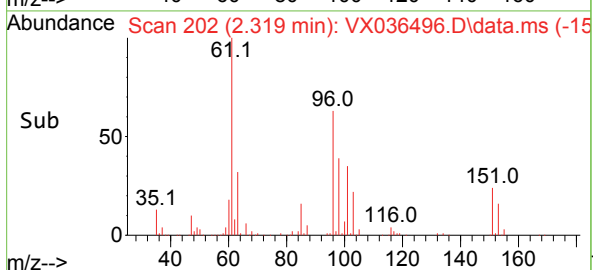
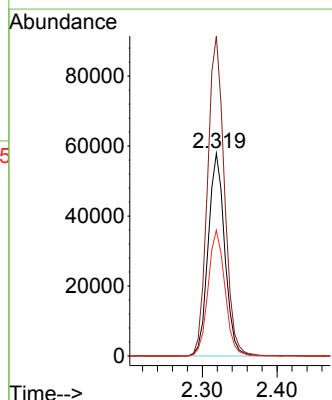
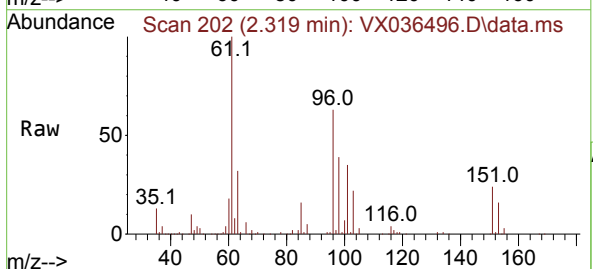
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

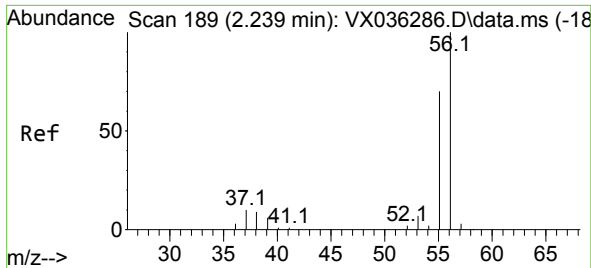
Tgt Ion: 59 Resp: 66480
Ion Ratio Lower Upper
59 100
57 11.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 51.003 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 96 Resp: 88901
Ion Ratio Lower Upper
96 100
61 158.0 144.6 216.8
98 62.1 50.4 75.6





#13

Acrolein

Concen: 182.988 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

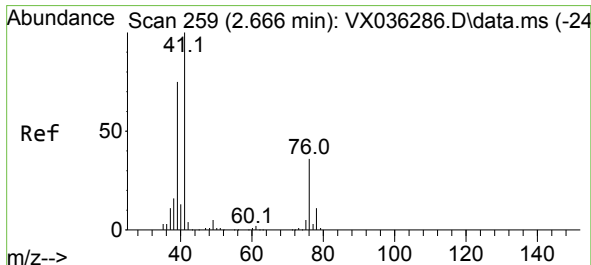
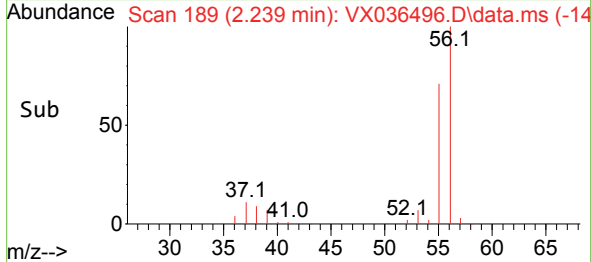
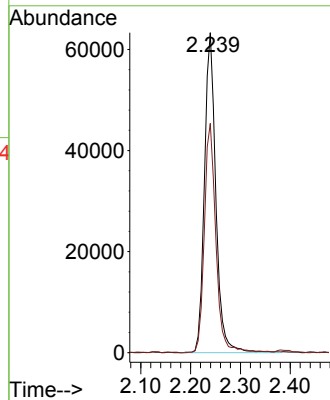
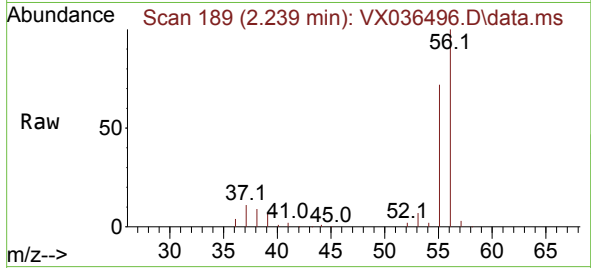
VSTDCCC050EC

Tgt Ion: 56 Resp: 100572

Ion Ratio Lower Upper

56 100

55 72.4 57.1 85.7



#14

Allyl chloride

Concen: 55.974 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

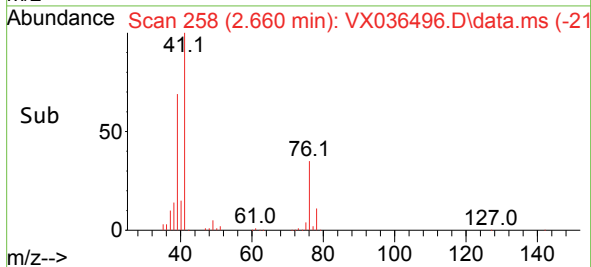
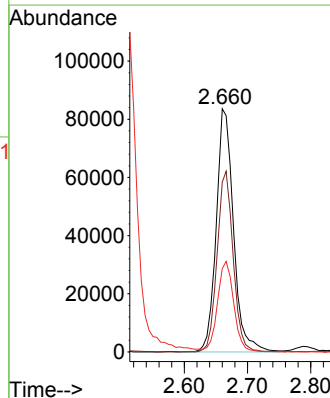
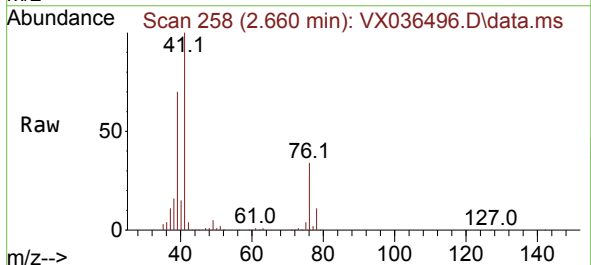
Tgt Ion: 41 Resp: 158558

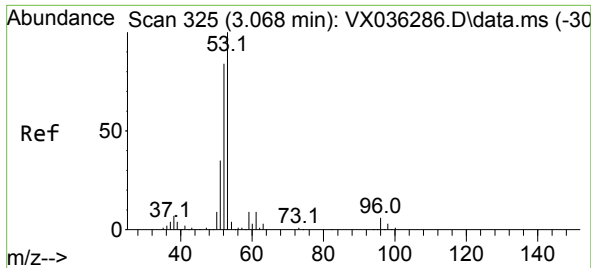
Ion Ratio Lower Upper

41 100

39 68.4 55.8 83.6

76 34.5 24.3 36.5

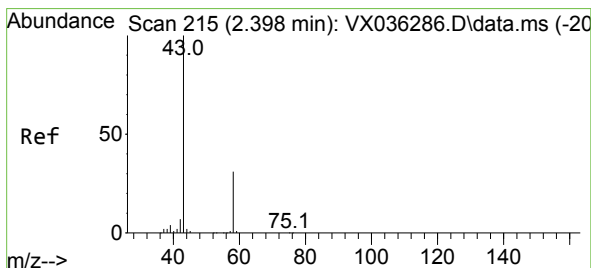
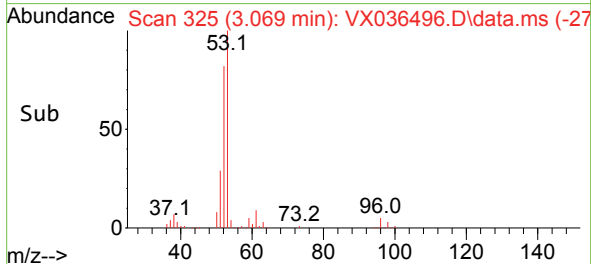
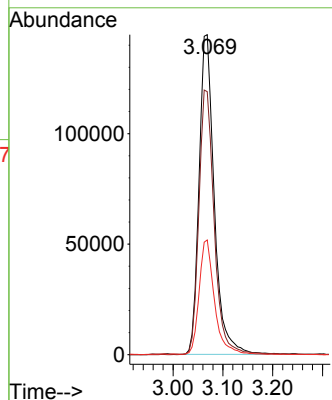
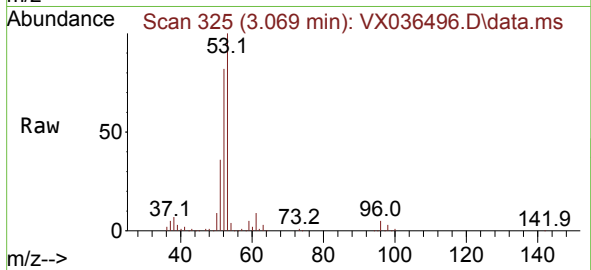




#15
Acrylonitrile
Concen: 302.424 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

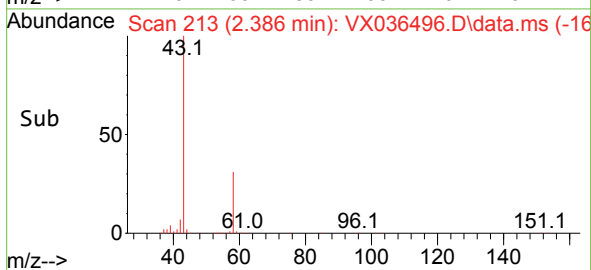
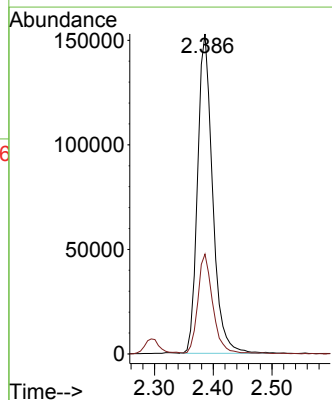
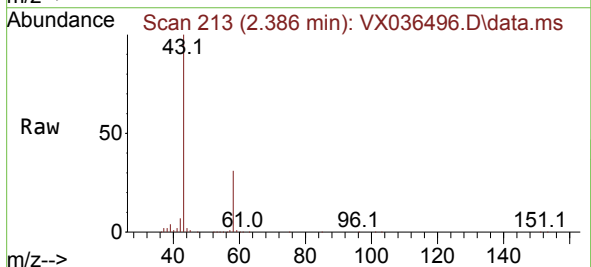
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

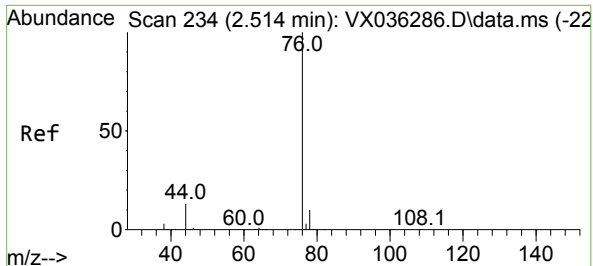
Tgt Ion: 53 Resp: 306772
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 35.9 29.8 44.6



#16
Acetone
Concen: 288.666 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 43 Resp: 271263
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9

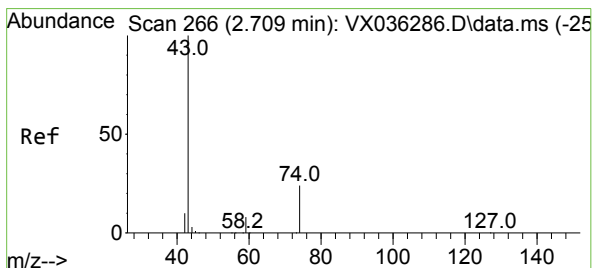
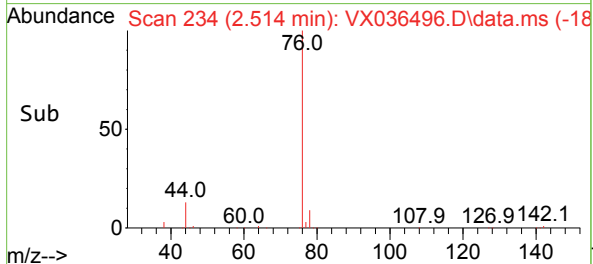
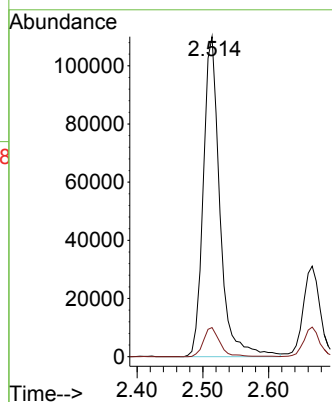
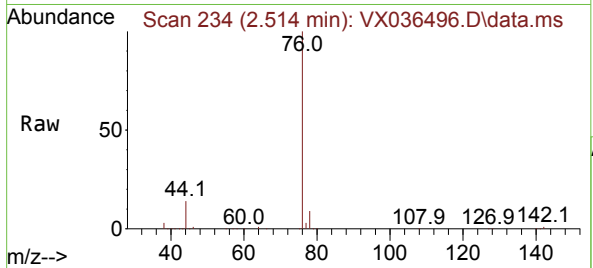




#17
Carbon Disulfide
Concen: 45.155 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

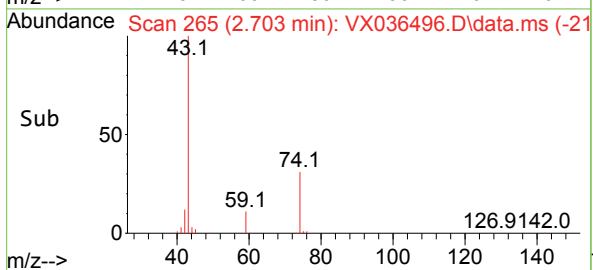
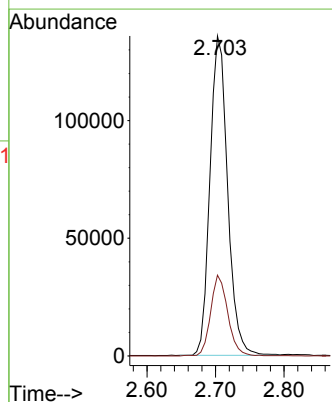
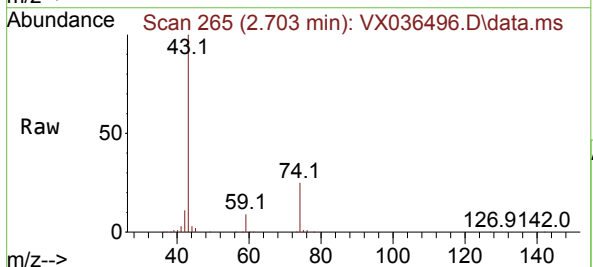
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

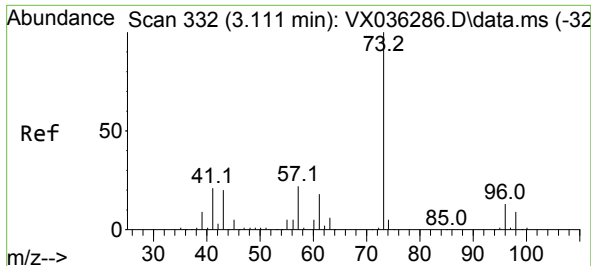
Tgt Ion: 76 Resp: 193305
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 63.008 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 43 Resp: 243482
Ion Ratio Lower Upper
43 100
74 24.6 17.8 26.8

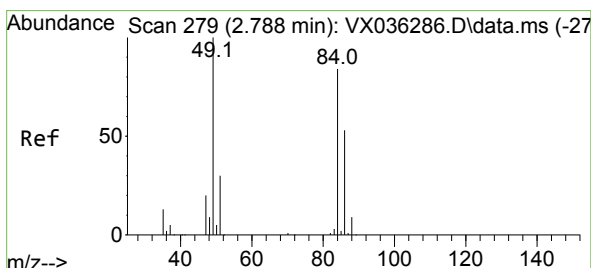
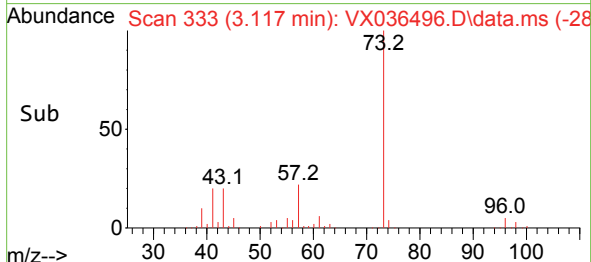
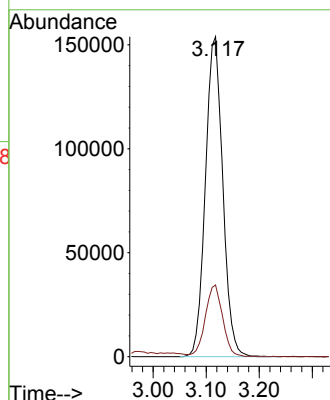
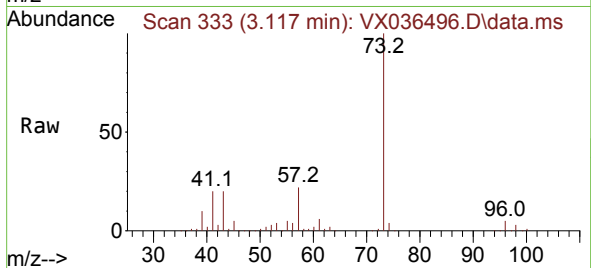




#19
Methyl tert-butyl Ether
Concen: 61.975 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

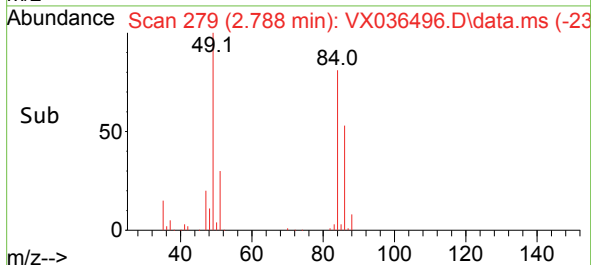
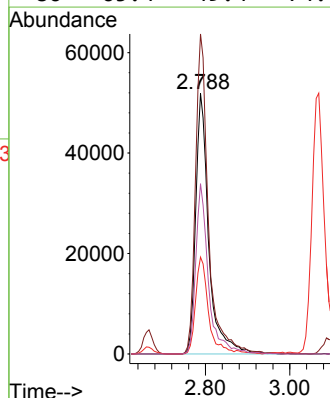
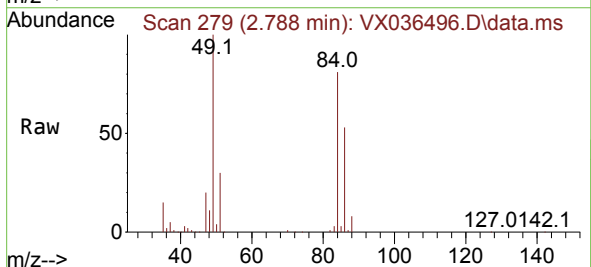
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

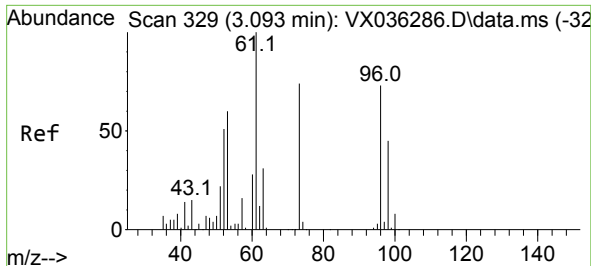
Tgt Ion: 73 Resp: 349114
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 55.275 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 84 Resp: 111838
Ion Ratio Lower Upper
84 100
49 122.9 103.6 155.4
51 37.2 33.8 50.6
86 65.4 49.4 74.0

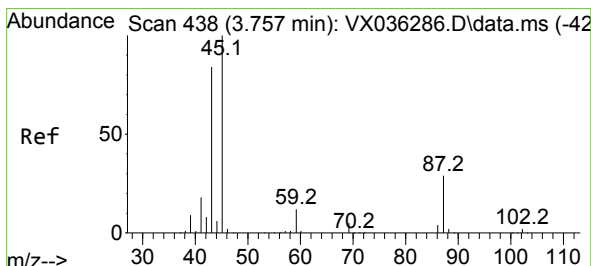
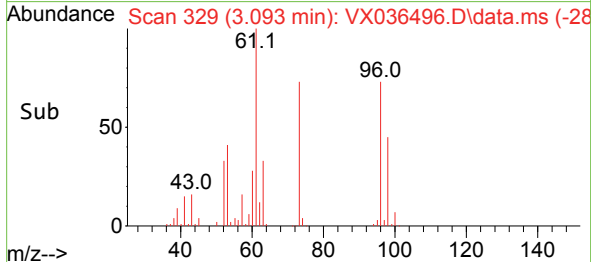
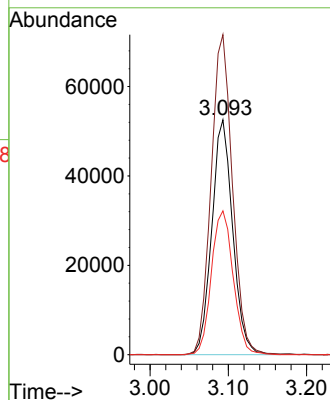
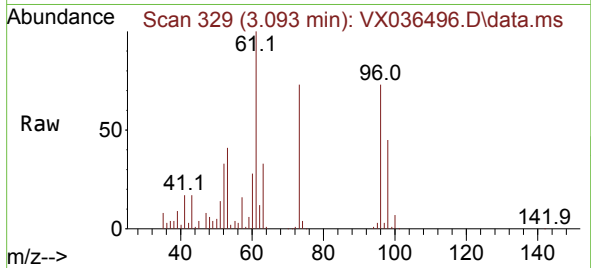




#21
trans-1,2-Dichloroethene
Concen: 52.432 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

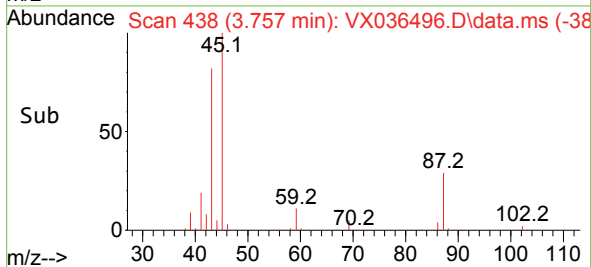
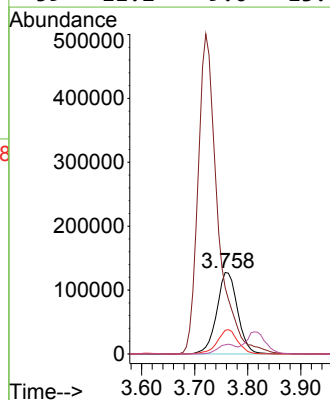
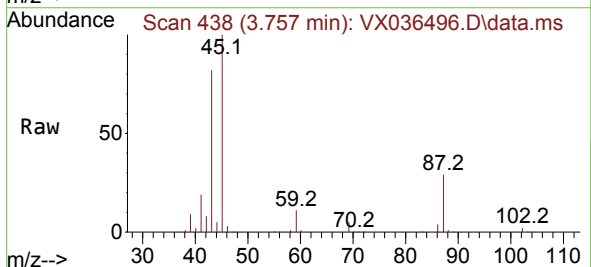
Instrument :
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ClientSampleId :
VSTDCCC050EC

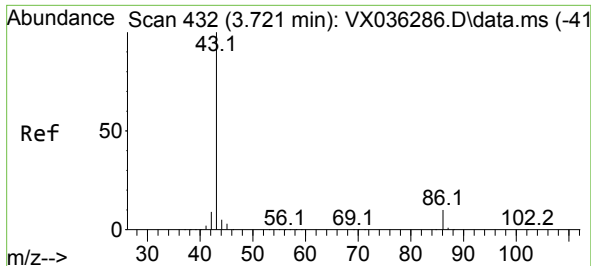
Tgt Ion: 96 Resp: 97525
Ion Ratio Lower Upper
96 100
61 136.2 119.2 178.8
98 61.2 48.7 73.1



#22
Diisopropyl ether
Concen: 61.373 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 45 Resp: 348362
Ion Ratio Lower Upper
45 100
43 81.1 69.7 104.5
87 29.1 20.8 31.2
59 11.2 9.0 13.4

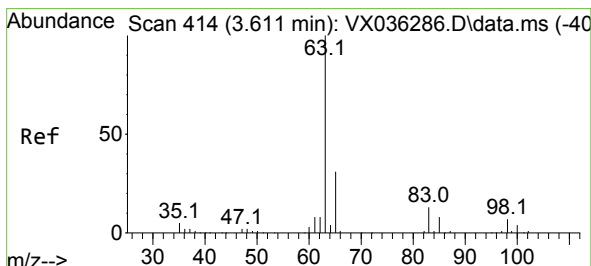
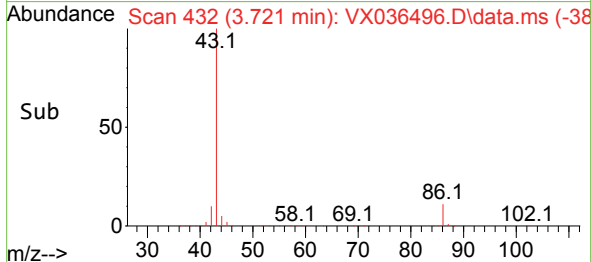
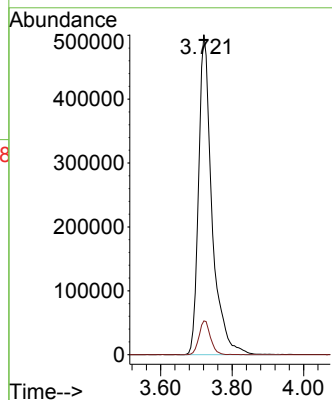
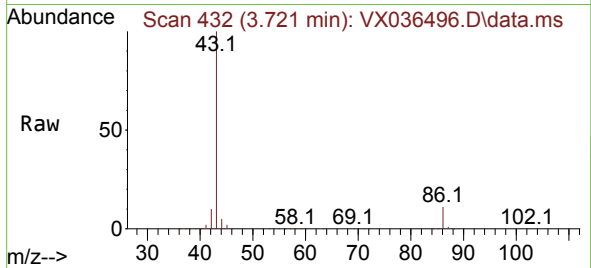




#23
 Vinyl Acetate
 Concen: 315.847 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

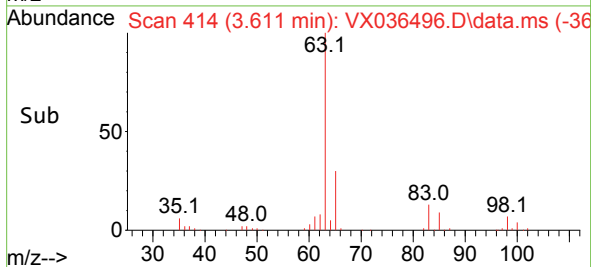
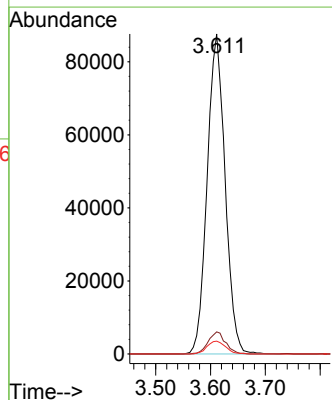
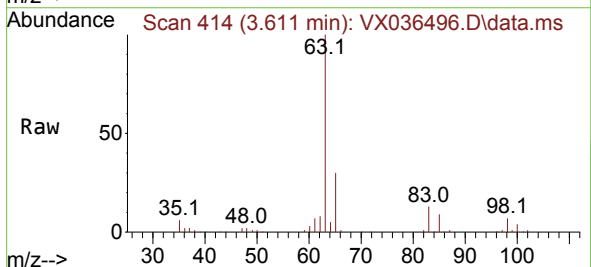
Instrument :
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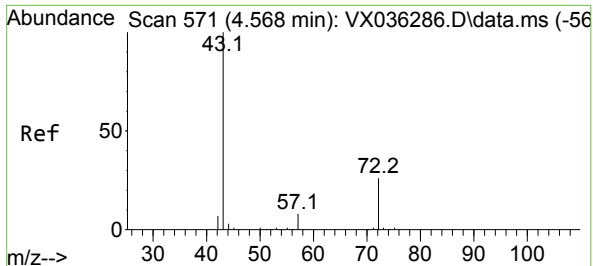
Tgt Ion: 43 Resp: 1301032
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 59.376 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

Tgt Ion: 63 Resp: 198623
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 4.0 2.1 6.5

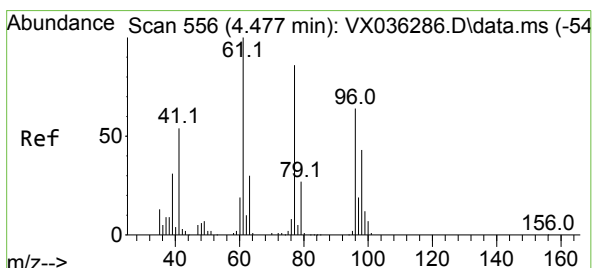
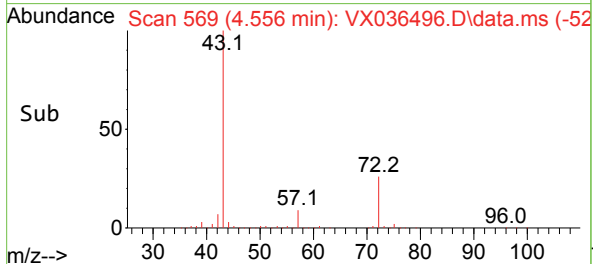
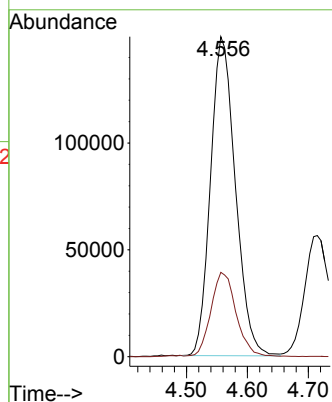
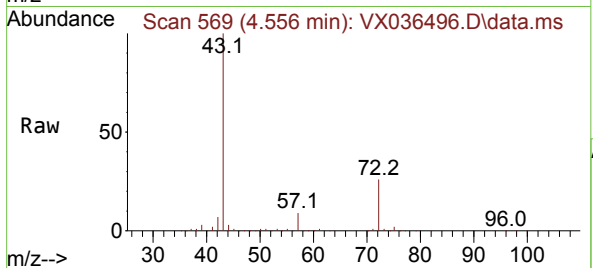




#25
2-Butanone
Concen: 313.786 ug/l
RT: 4.556 min Scan# 571
Delta R.T. -0.012 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

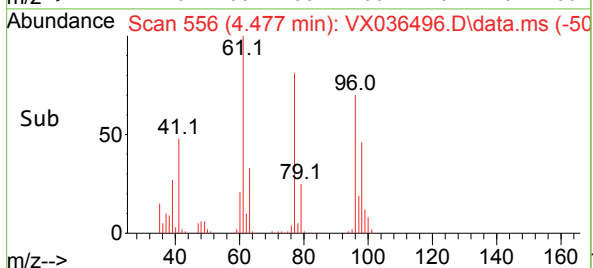
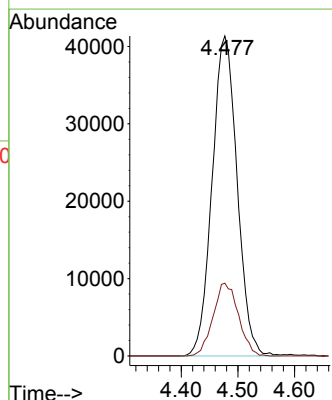
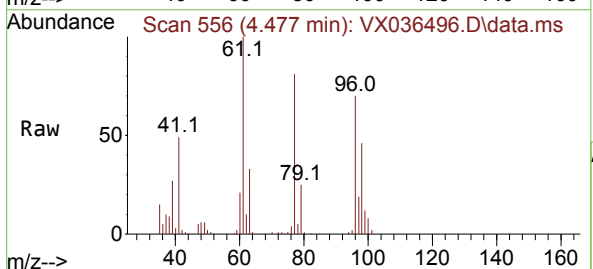
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ClientSampleId :
VSTDCCC050EC

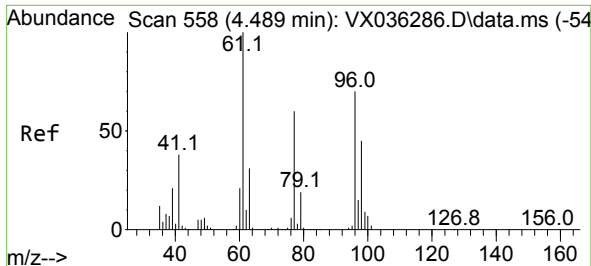
Tgt Ion: 43 Resp: 423667
Ion Ratio Lower Upper
43 100
72 26.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 53.404 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 77 Resp: 126702
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 57.984 ug/l

RT: 4.489 min Scan# 511

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

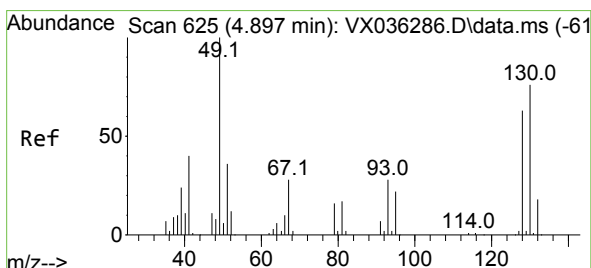
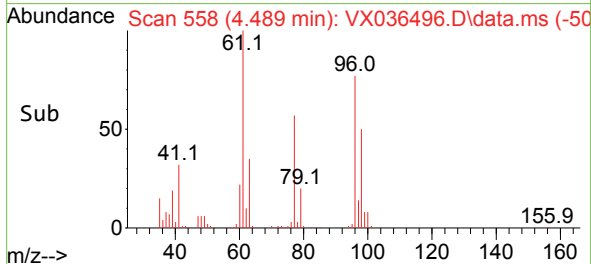
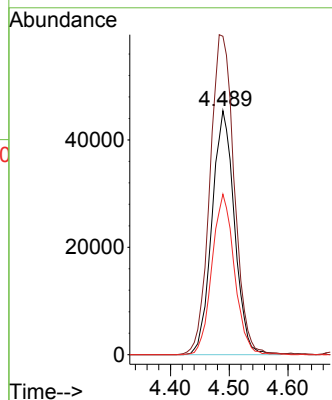
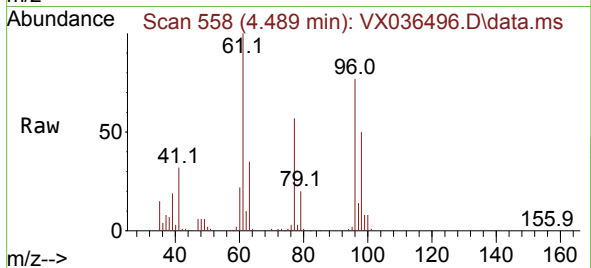
Tgt Ion: 96 Resp: 120954

Ion Ratio Lower Upper

96 100

61 141.5 0.0 312.2

98 65.6 0.0 129.0



#28

Bromochloromethane

Concen: 44.892 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

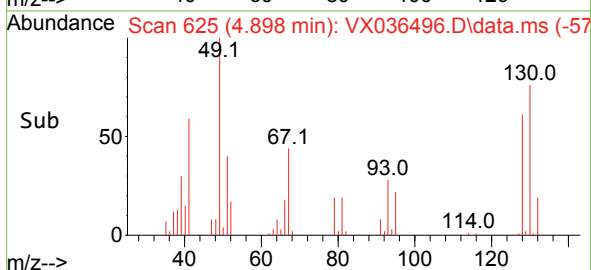
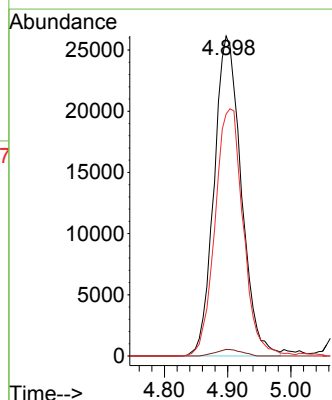
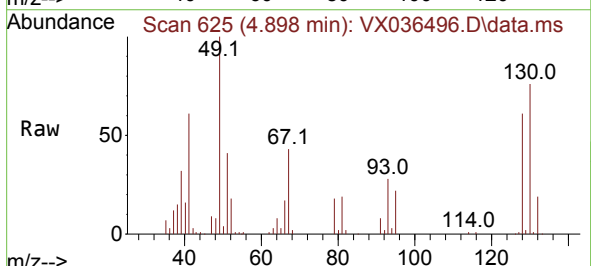
Tgt Ion: 49 Resp: 77882

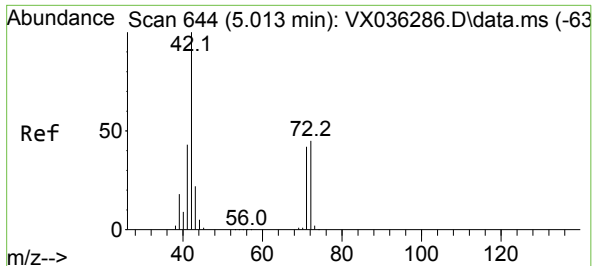
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 80.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 318.777 ug/l

RT: 5.001 min Scan# 644

Delta R.T. -0.018 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

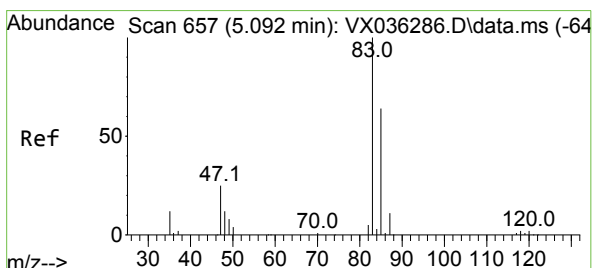
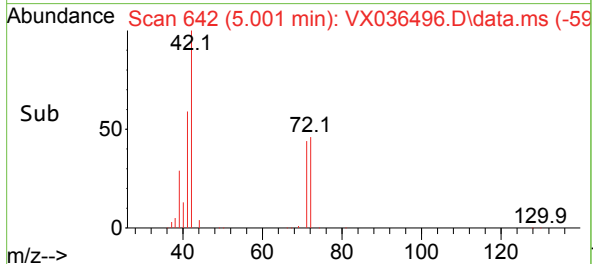
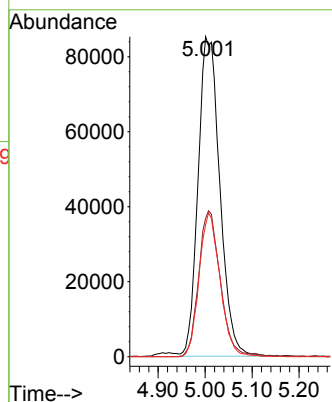
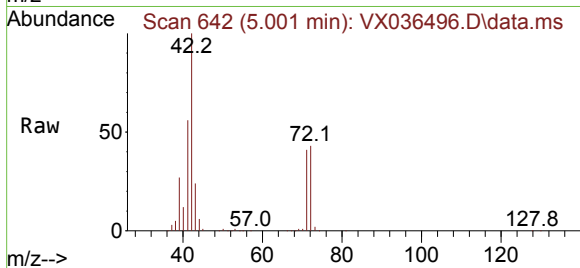
Tgt Ion: 42 Resp: 274023

Ion Ratio Lower Upper

42 100

72 45.4 34.2 51.4

71 43.2 32.2 48.2



#30

Chloroform

Concen: 60.803 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX036496.D

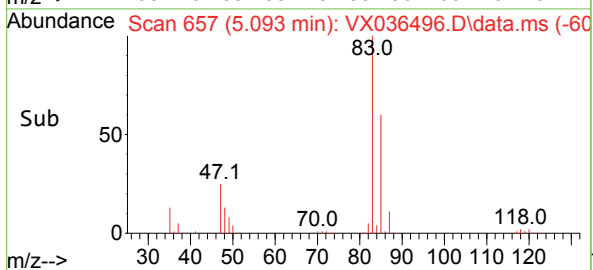
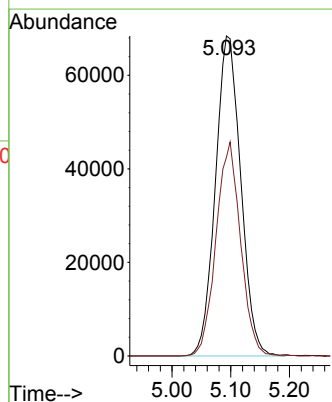
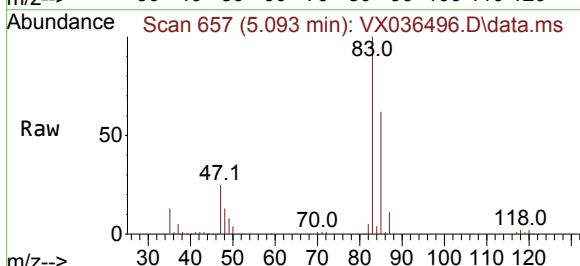
Acq: 10 Jul 2023 20:28

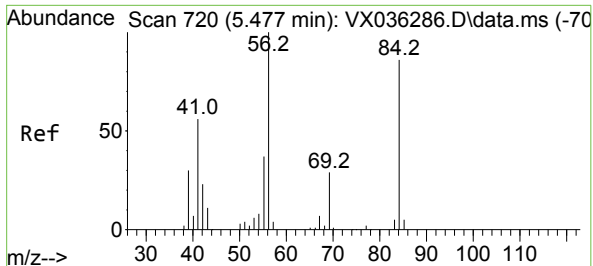
Tgt Ion: 83 Resp: 204863

Ion Ratio Lower Upper

83 100

85 62.1 50.3 75.5

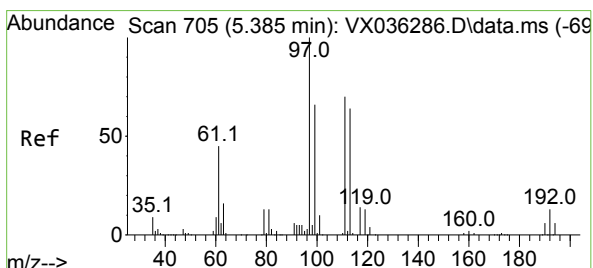
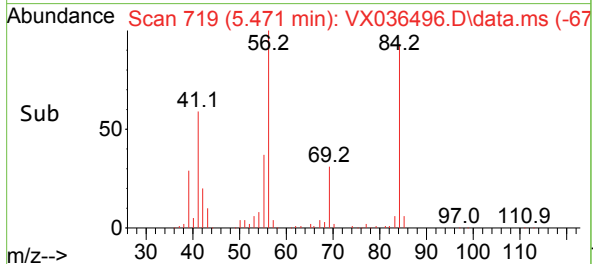
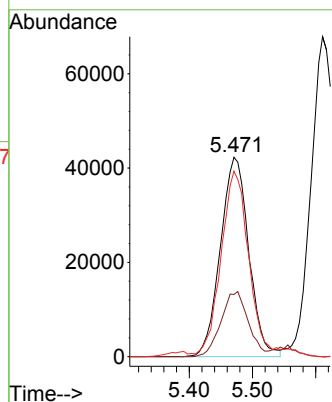
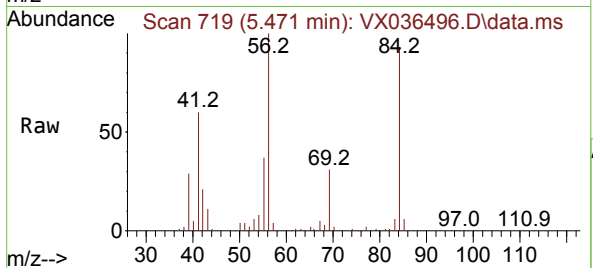




#31
Cyclohexane
Concen: 46.760 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

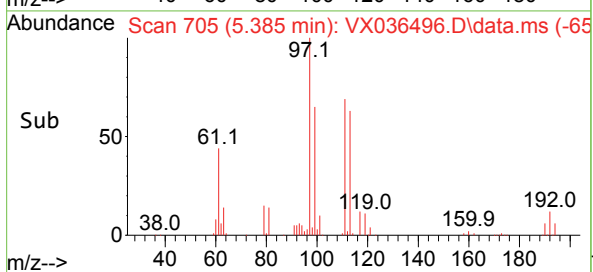
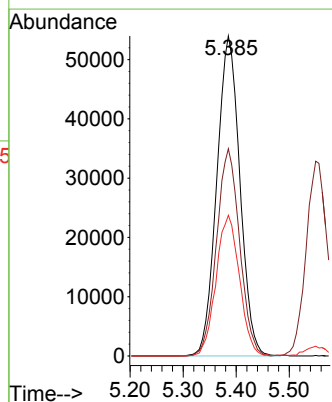
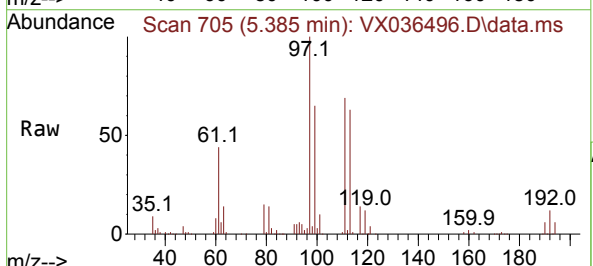
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

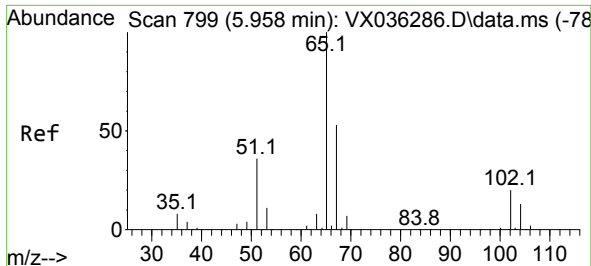
Tgt Ion: 56 Resp: 131741
Ion Ratio Lower Upper
56 100
69 31.2 23.4 35.2
84 90.7 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 58.035 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 97 Resp: 163332
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 44.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 56.985 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

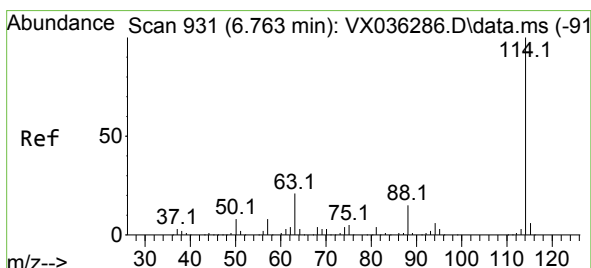
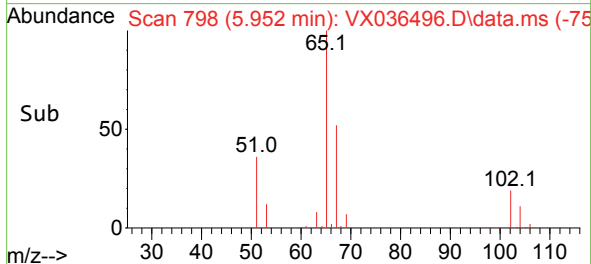
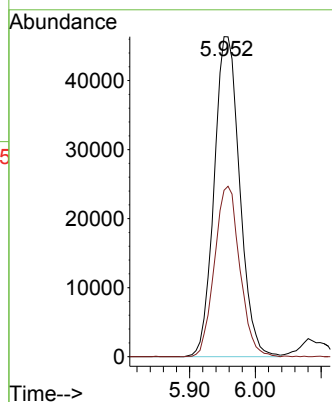
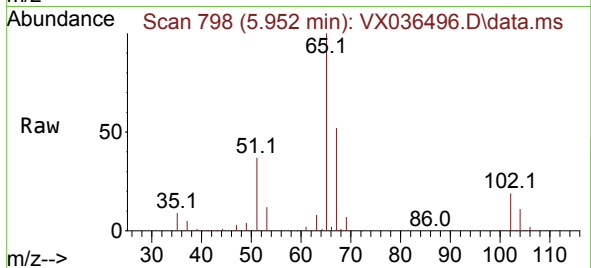
VSTDCCC050EC

Tgt Ion: 65 Resp: 125283

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

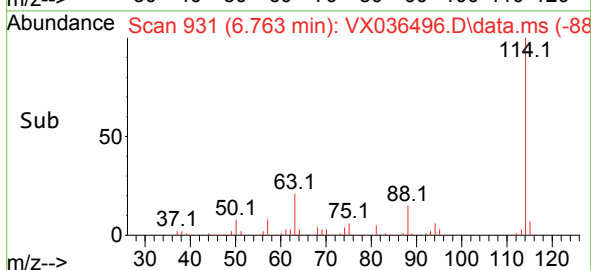
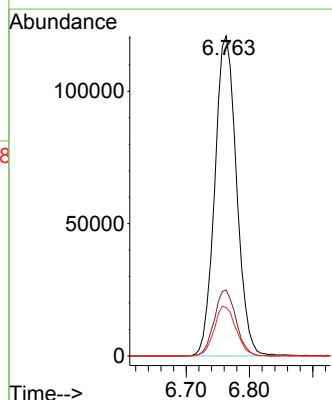
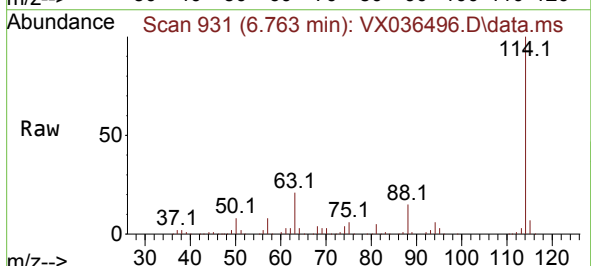
Tgt Ion: 114 Resp: 287823

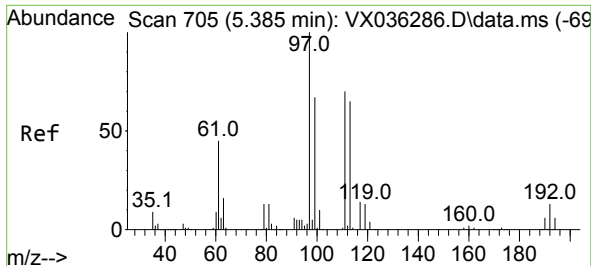
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 15.1 0.0 36.6

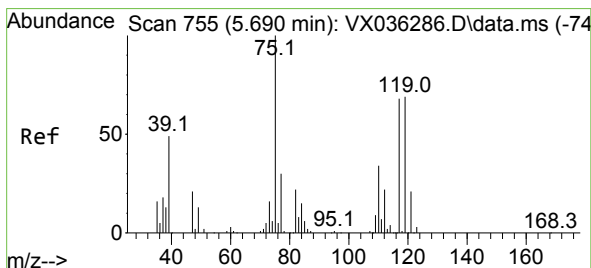
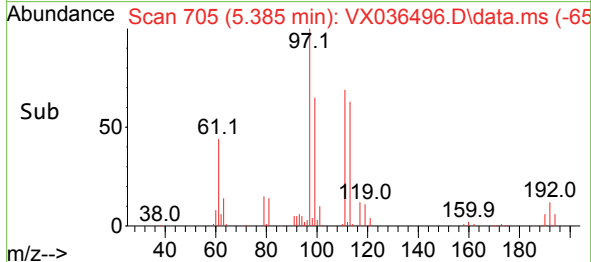
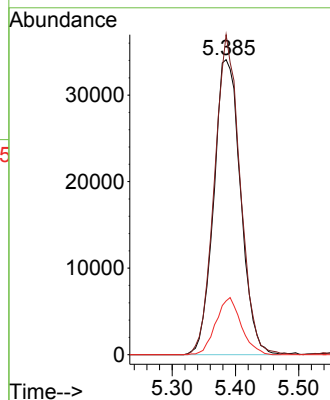
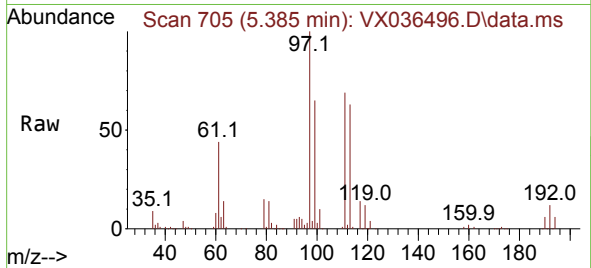




#35
Dibromofluoromethane
Concen: 52.825 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

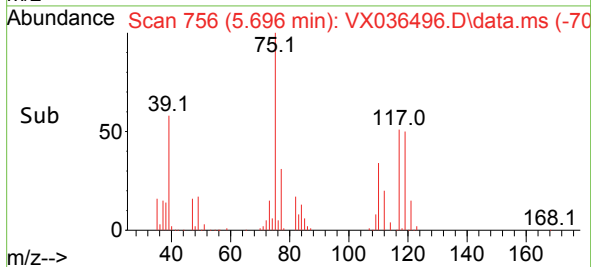
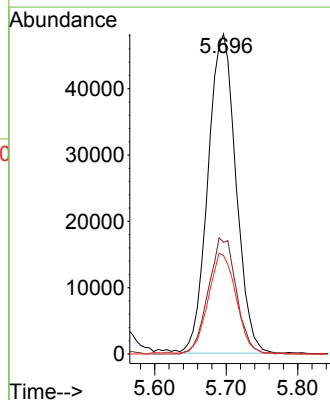
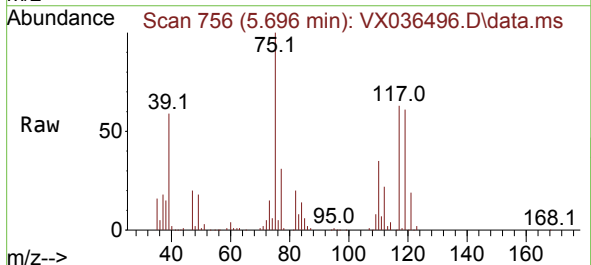
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

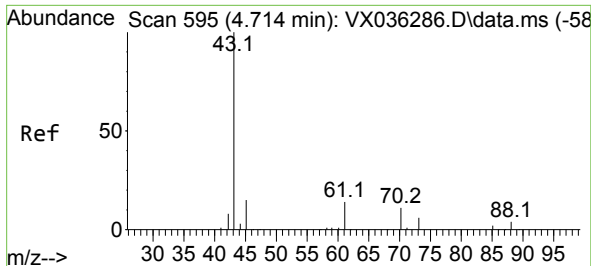
Tgt Ion:113 Resp: 100252
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 46.231 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 75 Resp: 130786
Ion Ratio Lower Upper
75 100
110 36.4 17.0 50.9
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 57.746 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

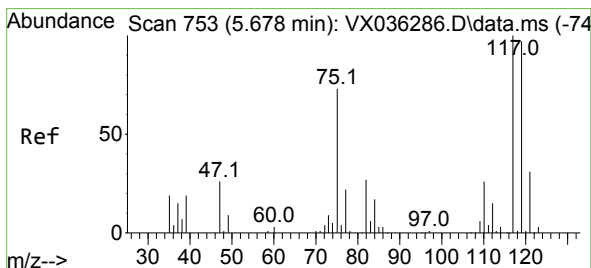
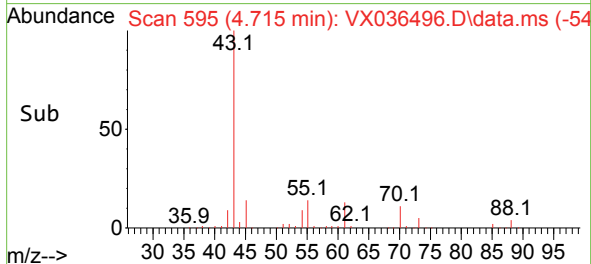
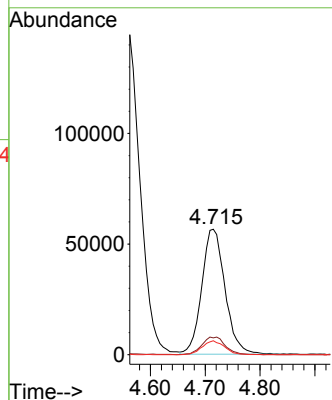
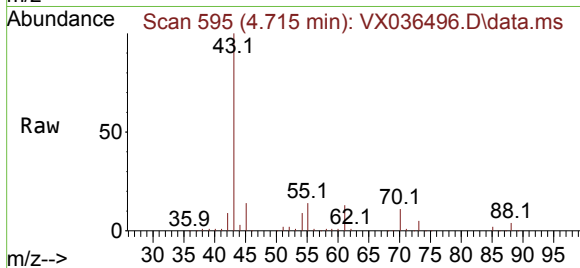
Tgt Ion: 43 Resp: 166498

Ion Ratio Lower Upper

43 100

61 14.3 10.6 16.0

70 10.7 8.3 12.5



#38

Carbon Tetrachloride

Concen: 51.798 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

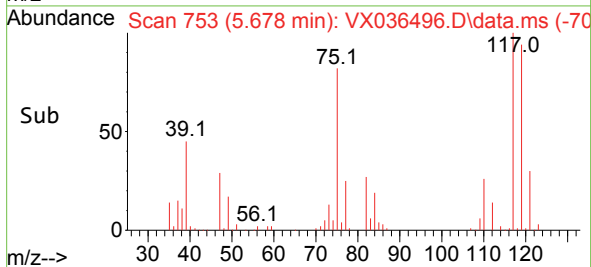
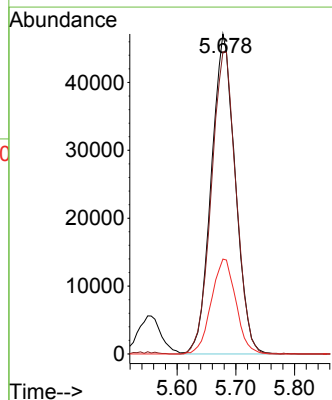
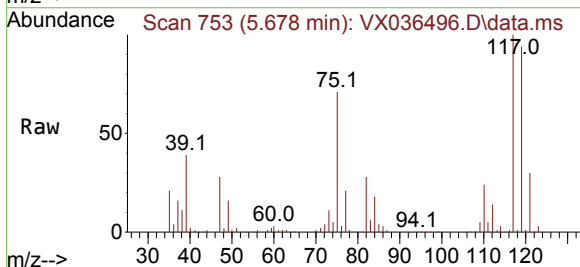
Tgt Ion: 117 Resp: 133834

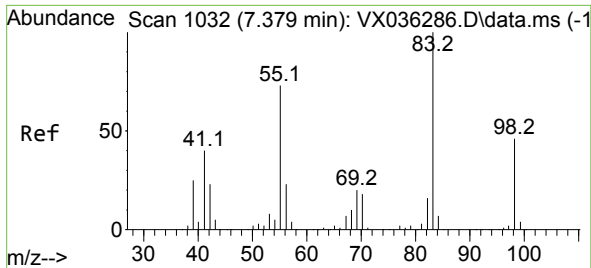
Ion Ratio Lower Upper

117 100

119 94.4 78.2 117.2

121 29.7 24.4 36.6

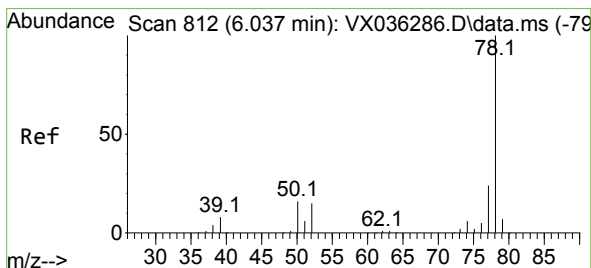
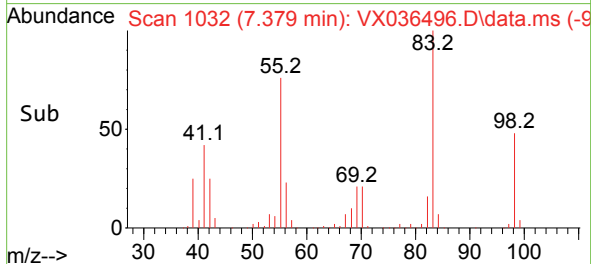
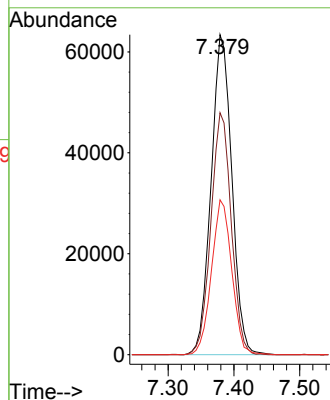
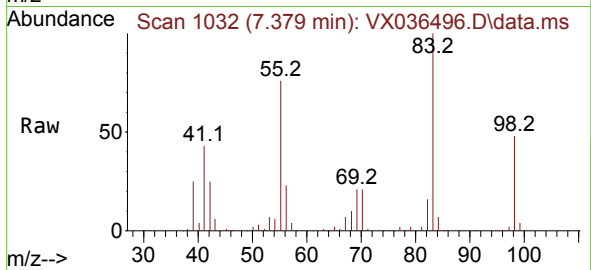




#39
Methylcyclohexane
Concen: 41.123 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

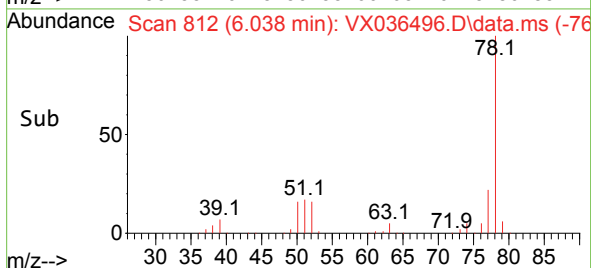
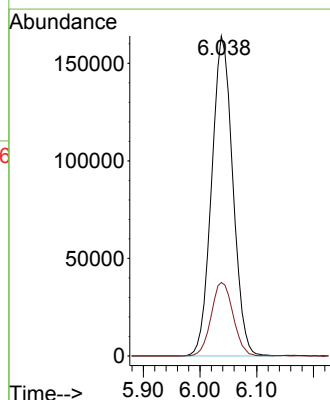
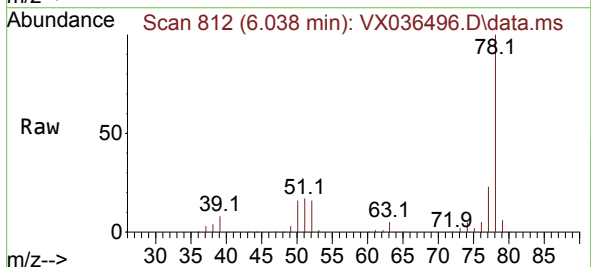
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

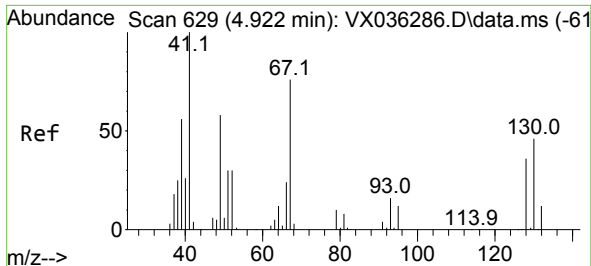
Tgt Ion: 83 Resp: 139340
Ion Ratio Lower Upper
83 100
55 75.6 64.6 97.0
98 48.4 36.7 55.1



#40
Benzene
Concen: 53.758 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 78 Resp: 424829
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9

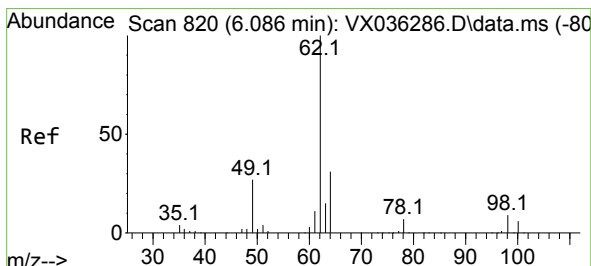
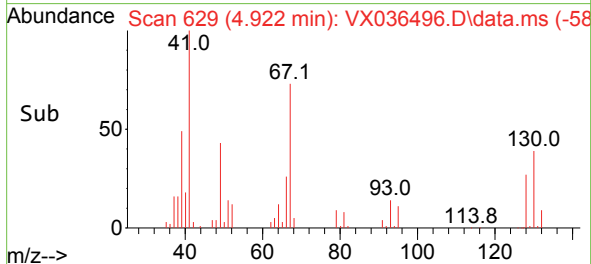
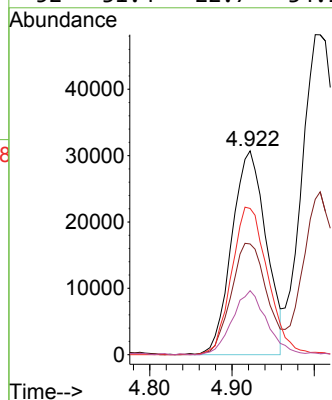
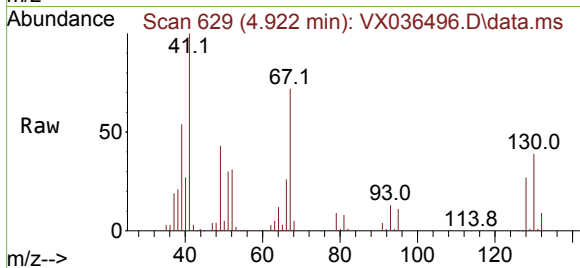




#41
Methacrylonitrile
Concen: 55.743 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

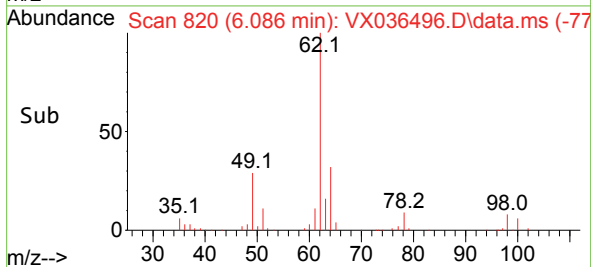
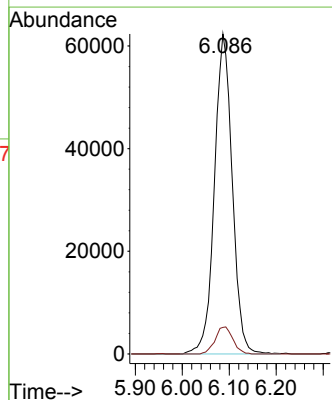
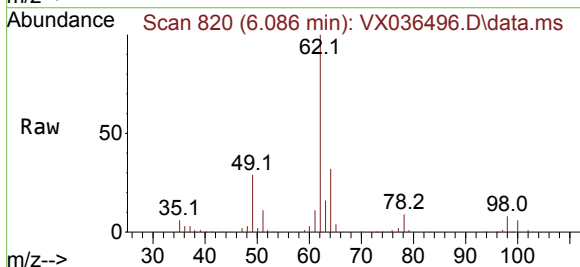
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

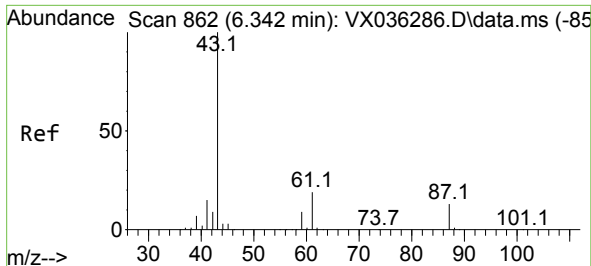
Tgt Ion:	41	Resp:	89161
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.2	67.8
67	76.5	52.6	78.8
52	31.4	22.7	34.1



#42
1,2-Dichloroethane
Concen: 54.677 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion:	62	Resp:	164350
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.0

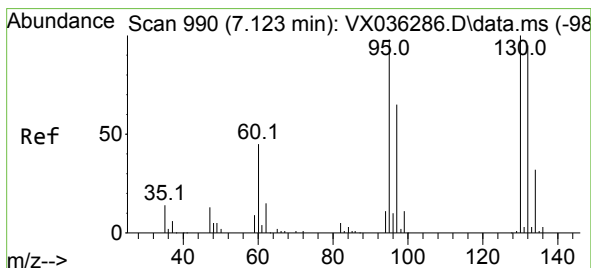
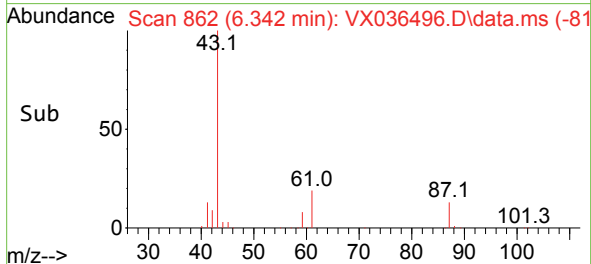
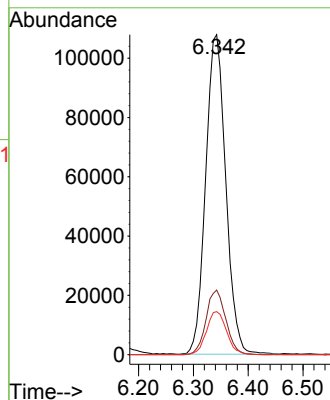
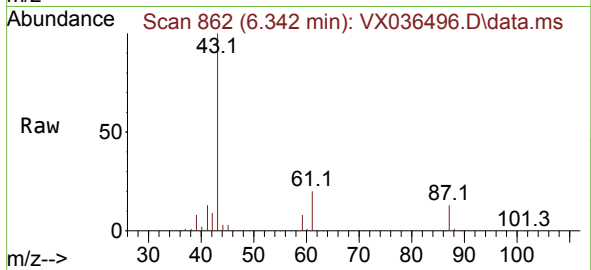




#43
Isopropyl Acetate
Concen: 59.621 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

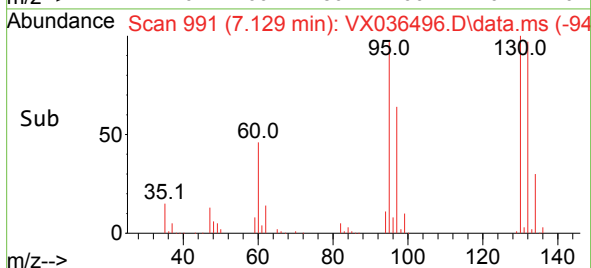
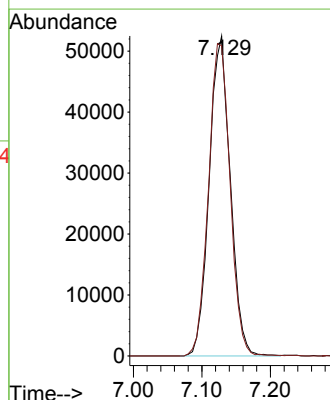
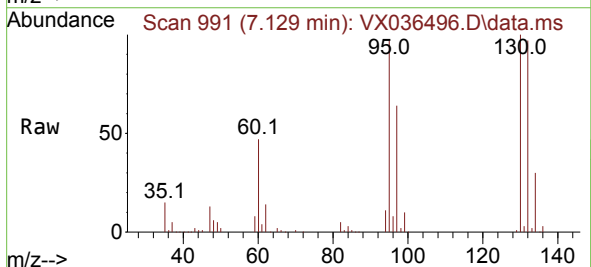
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

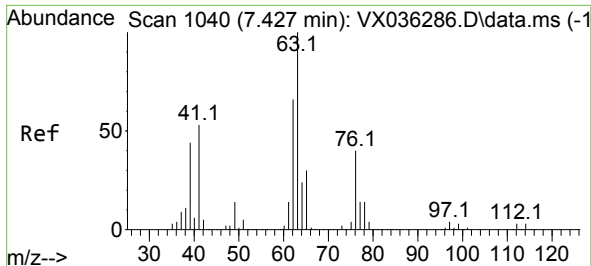
Tgt Ion: 43 Resp: 274235
Ion Ratio Lower Upper
43 100
61 19.9 15.2 22.8
87 13.5 9.8 14.6



#44
Trichloroethene
Concen: 51.003 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion:130 Resp: 112109
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.4

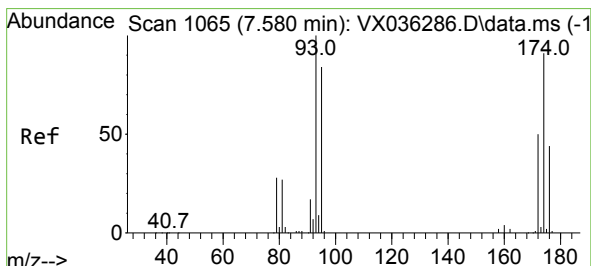
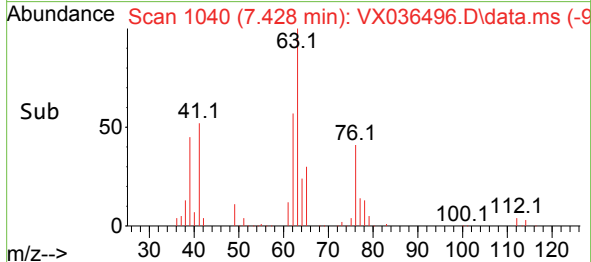
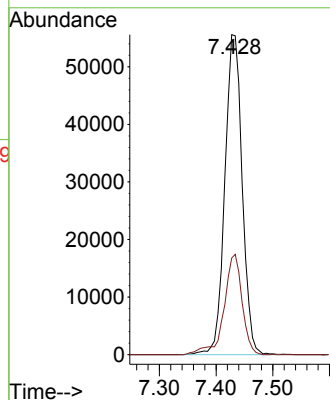
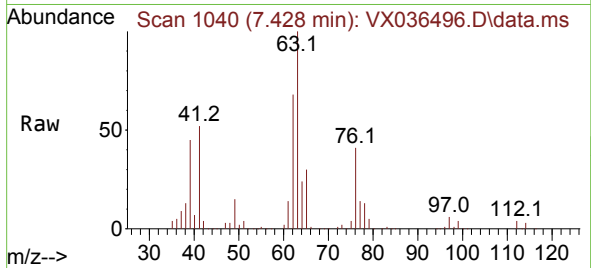




#45
1,2-Dichloropropane
Concen: 54.796 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.005 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

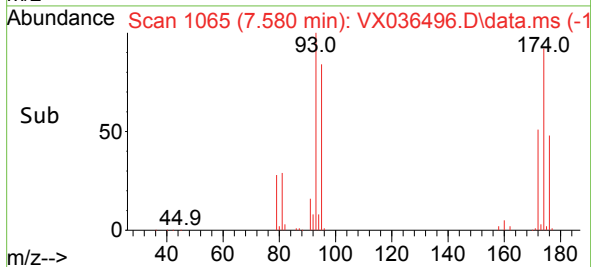
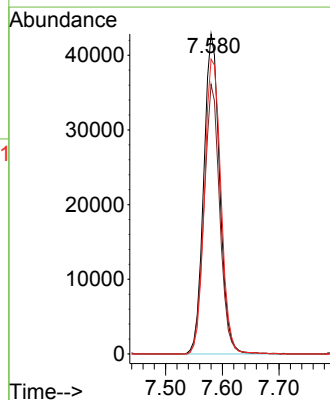
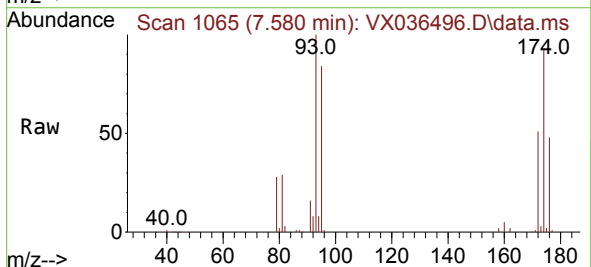
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

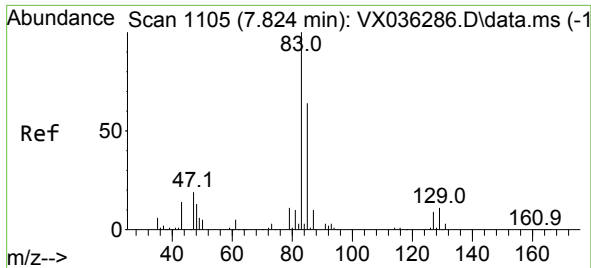
Tgt Ion: 63 Resp: 117936
Ion Ratio Lower Upper
63 100
65 30.2 24.3 36.5



#46
Dibromomethane
Concen: 55.369 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 93 Resp: 83886
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 94.8 69.4 104.0



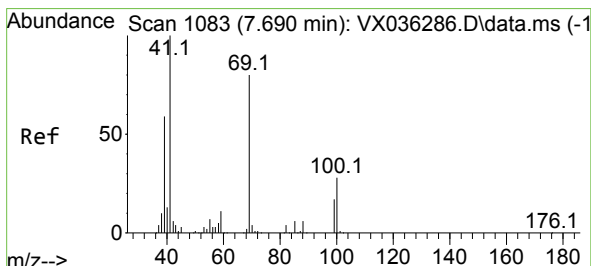
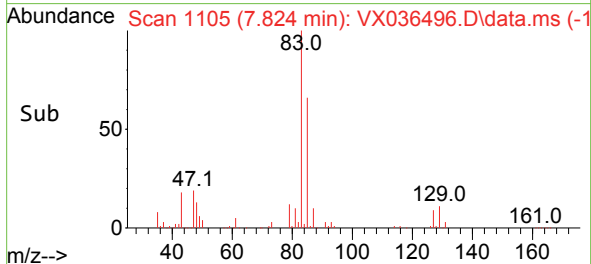
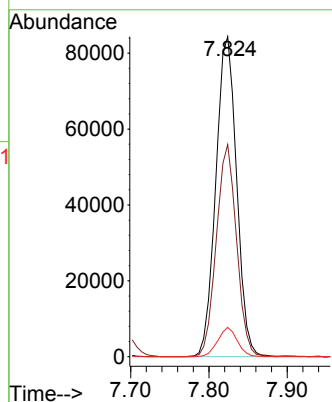
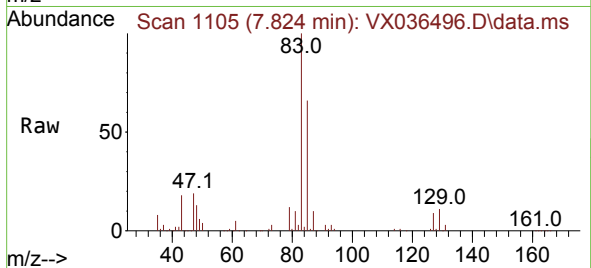


#47
 Bromodichloromethane
 Concen: 56.886 ug/l
 RT: 7.824 min Scan# 1105
 Delta R.T. 0.001 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 155855

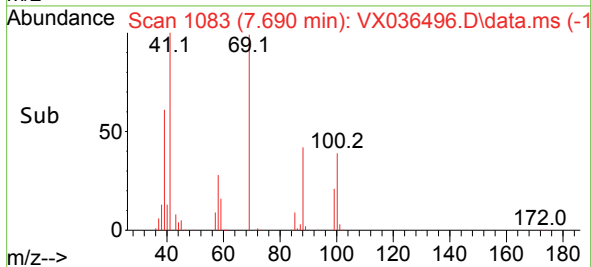
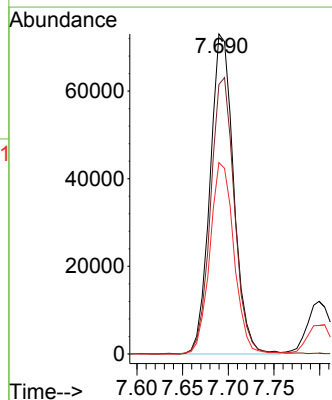
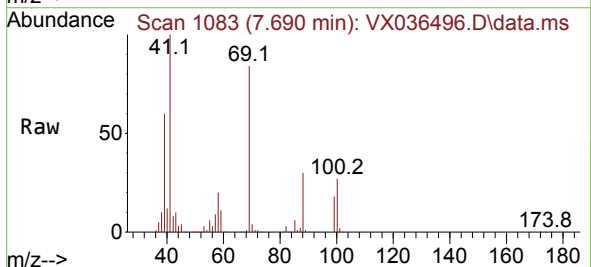
Ion	Ratio	Lower	Upper
83	100		
85	66.3	49.8	74.6
127	9.1	7.1	10.7

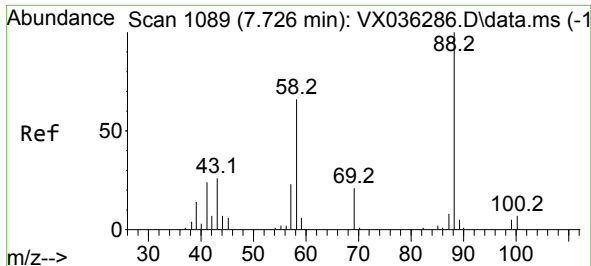


#48
 Methyl methacrylate
 Concen: 57.239 ug/l
 RT: 7.690 min Scan# 1083
 Delta R.T. 0.001 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

Tgt Ion: 41 Resp: 131273

Ion	Ratio	Lower	Upper
41	100		
69	87.1	59.2	88.8
39	60.9	47.7	71.5

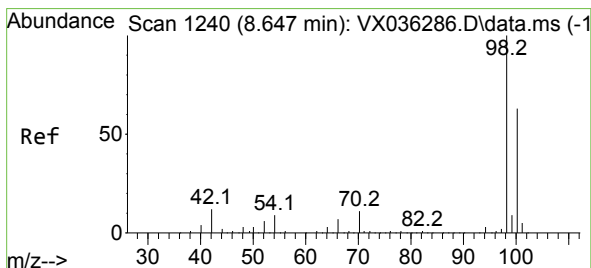
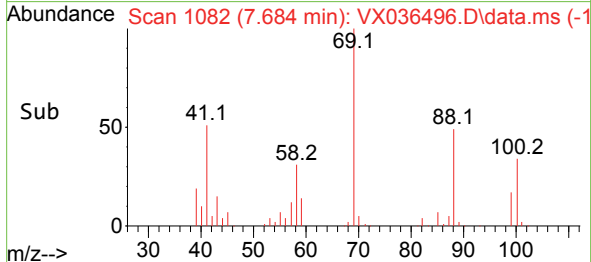
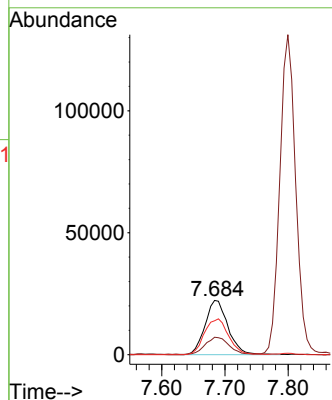
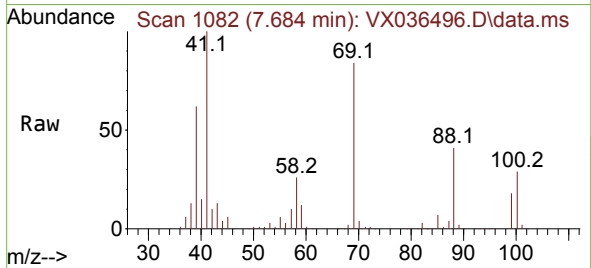




#49
1,4-Dioxane
Concen: 1102.778 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.048 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

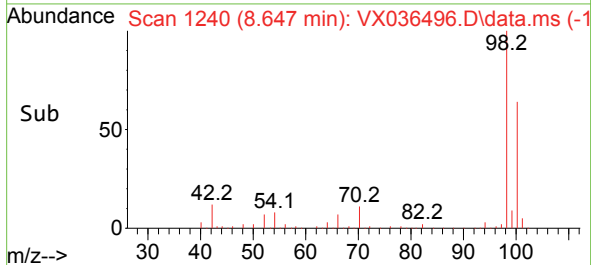
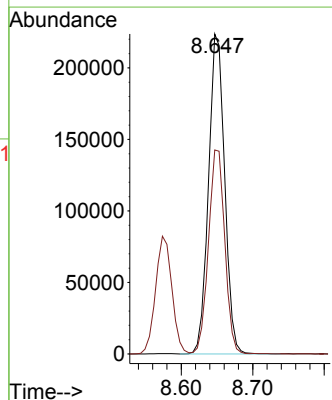
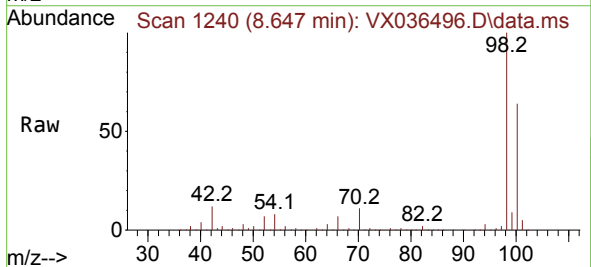
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

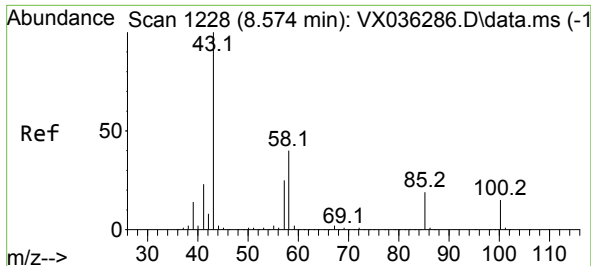
Tgt Ion: 88 Resp: 56067
Ion Ratio Lower Upper
88 100
43 32.5 0.0 0.0#
58 69.4 60.1 90.1



#50
Toluene-d8
Concen: 49.473 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 98 Resp: 350681
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

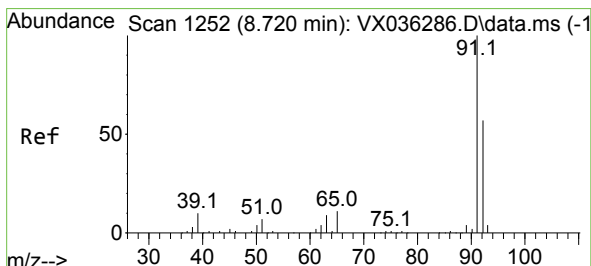
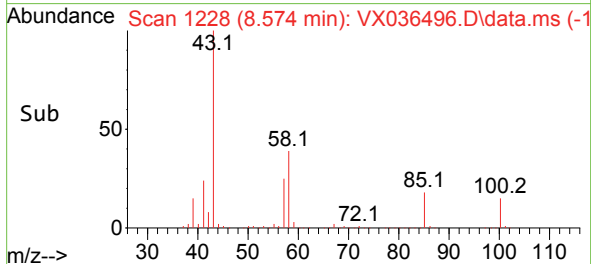
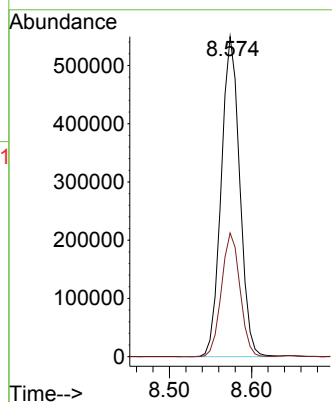
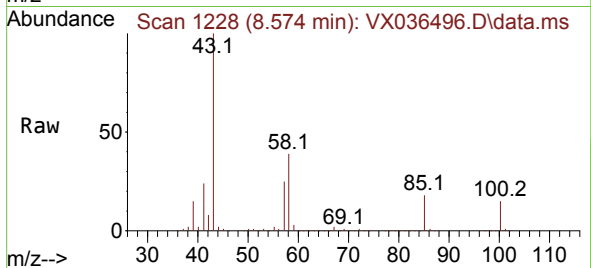




#51
4-Methyl-2-Pentanone
Concen: 290.337 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

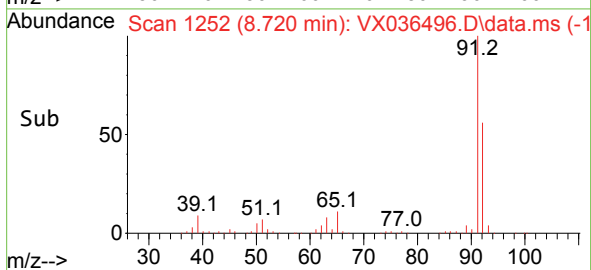
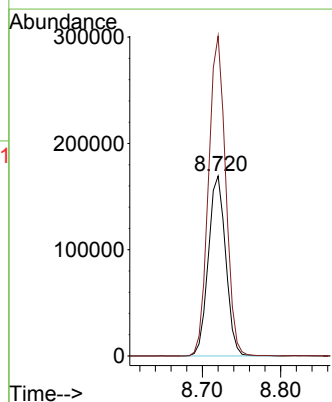
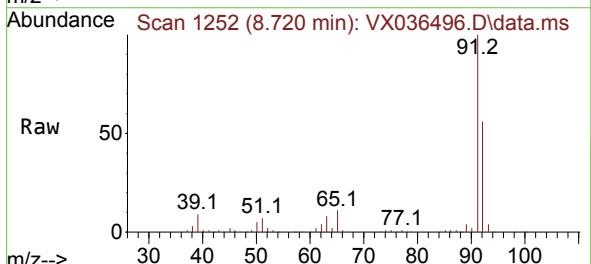
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

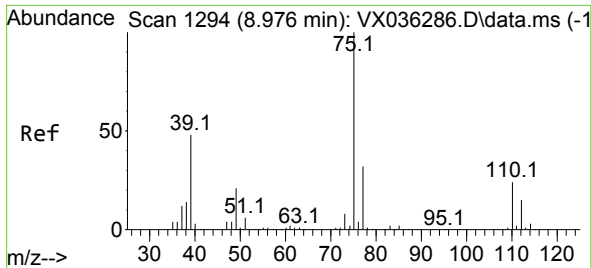
Tgt Ion: 43 Resp: 860385
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6



#52
Toluene
Concen: 51.950 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 92 Resp: 260178
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2

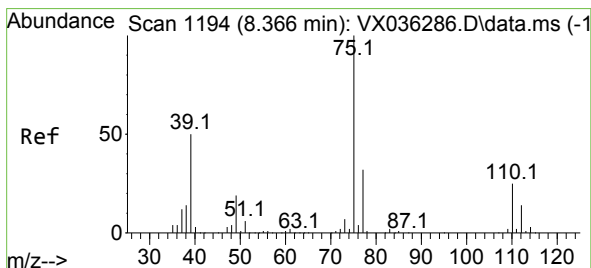
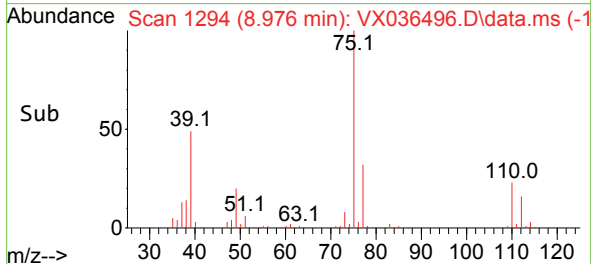
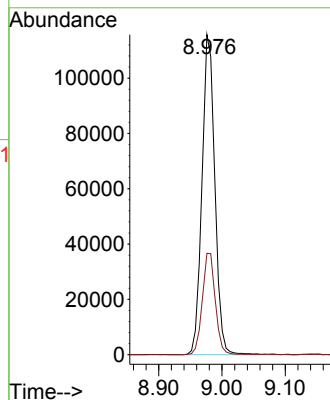
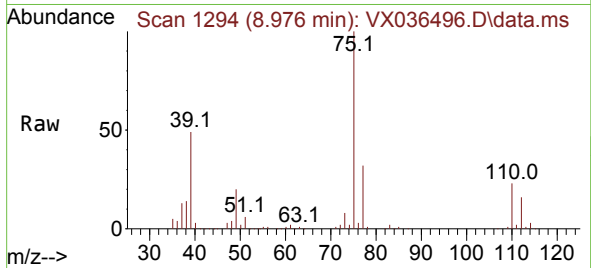




#53
 t-1,3-Dichloropropene
 Concen: 59.284 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

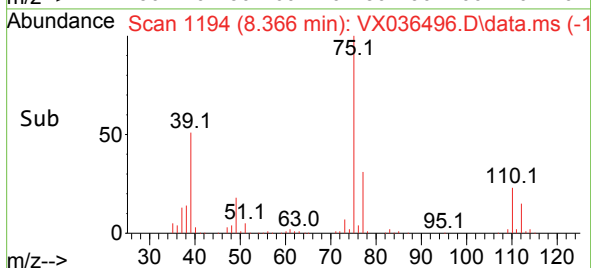
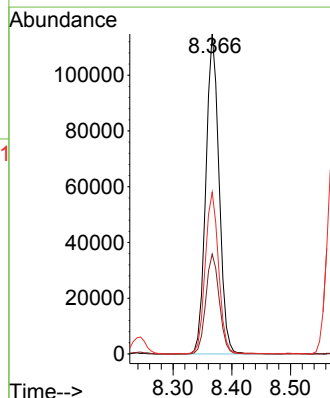
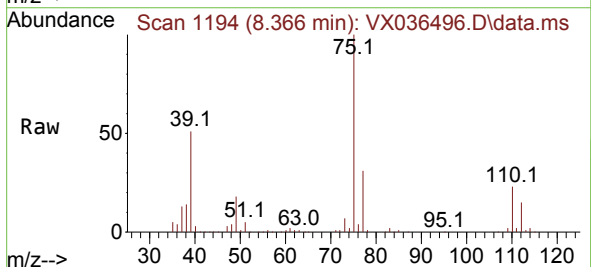
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

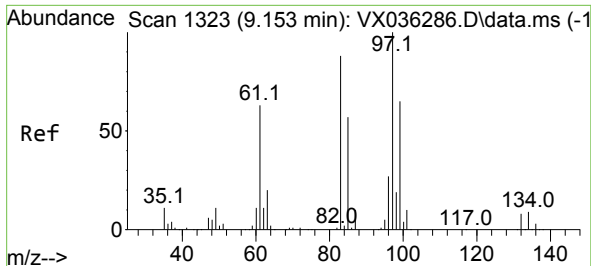
Tgt Ion: 75 Resp: 164072
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 57.424 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

Tgt Ion: 75 Resp: 179654
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 50.4 46.7 70.1



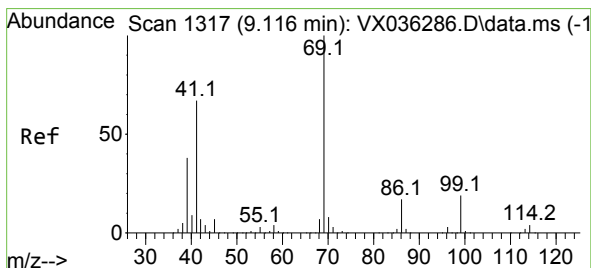
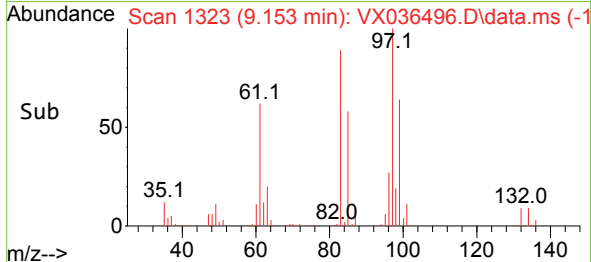
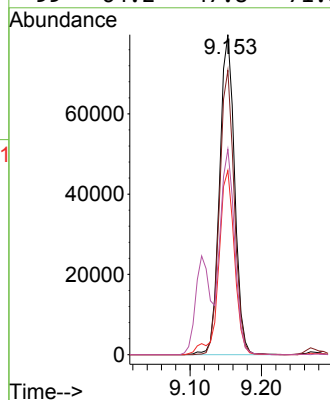
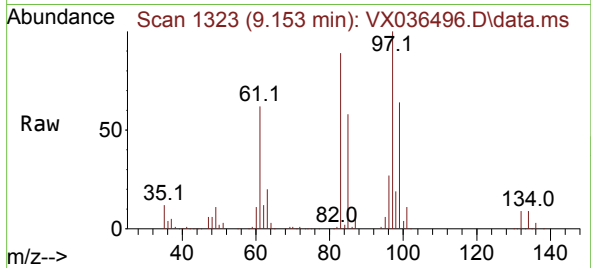


#55
1,1,2-Trichloroethane
Concen: 56.040 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 116641

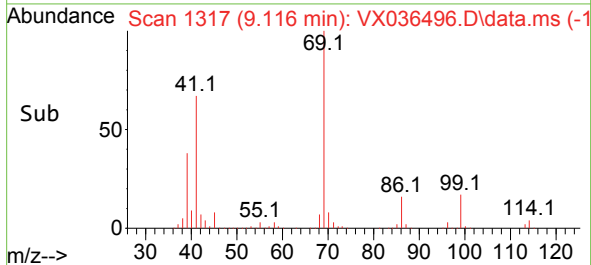
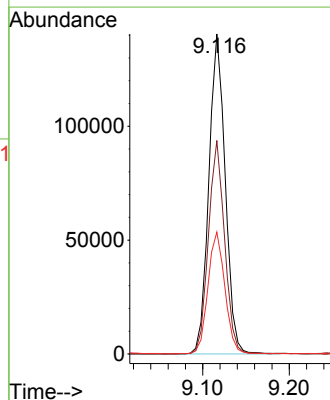
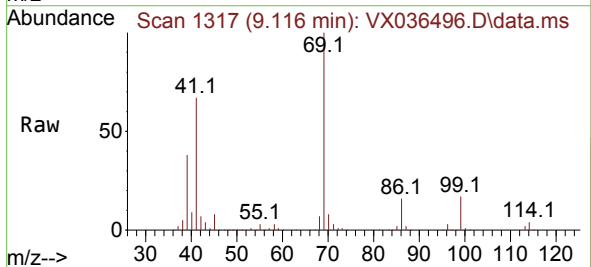
Ion	Ratio	Lower	Upper
97	100		
83	88.9	65.8	98.8
85	57.5	41.6	62.4
99	64.2	47.8	71.8

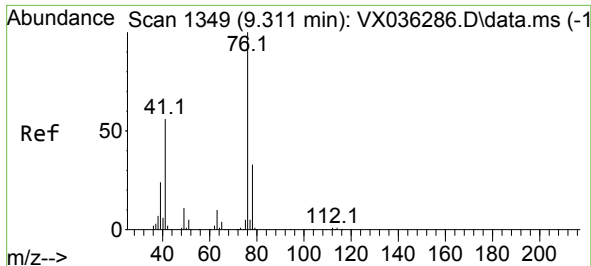


#56
Ethyl methacrylate
Concen: 59.344 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 69 Resp: 184751

Ion	Ratio	Lower	Upper
69	100		
41	65.8	56.8	85.2
39	39.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 54.770 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

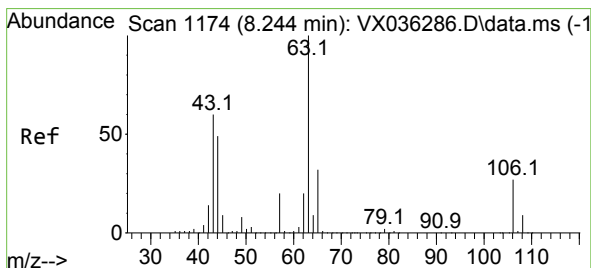
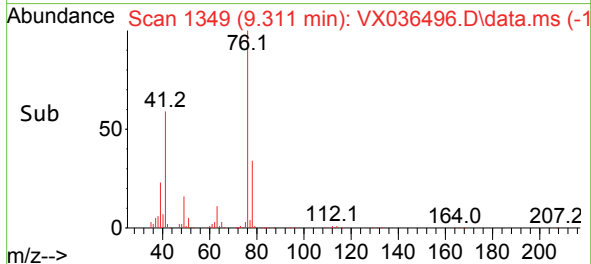
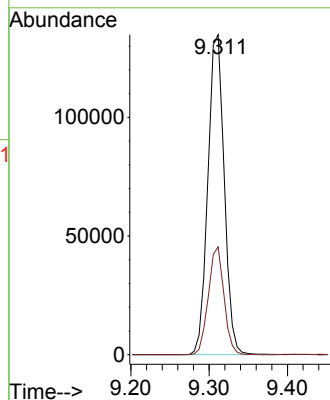
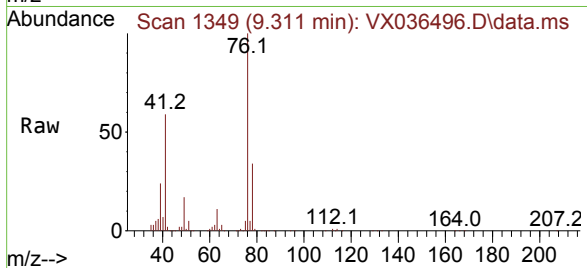
VSTDCCC050EC

Tgt Ion: 76 Resp: 195371

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 272.049 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.001 min

Lab File: VX036496.D

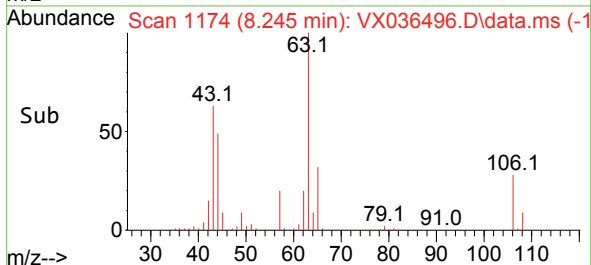
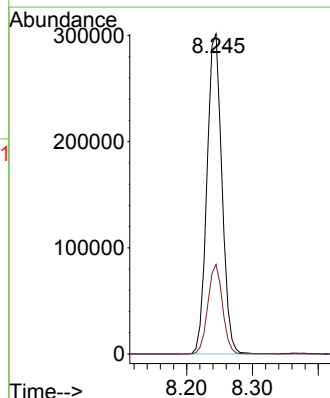
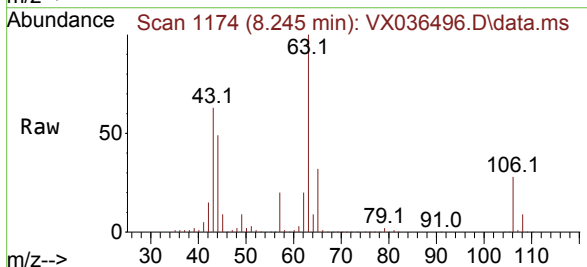
Acq: 10 Jul 2023 20:28

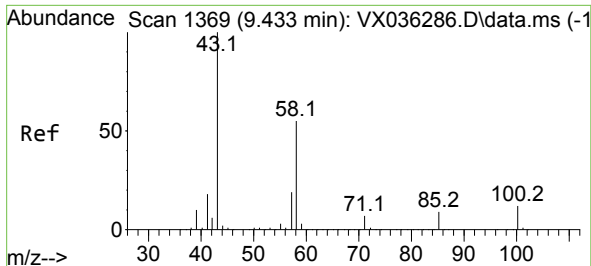
Tgt Ion: 63 Resp: 475977

Ion Ratio Lower Upper

63 100

106 27.4 22.5 33.7

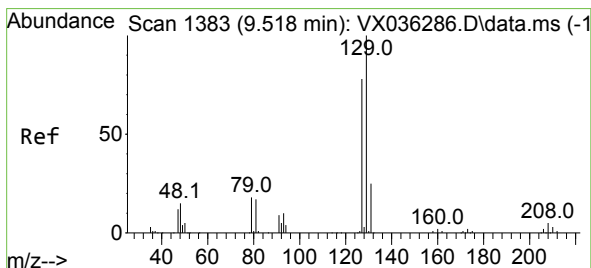
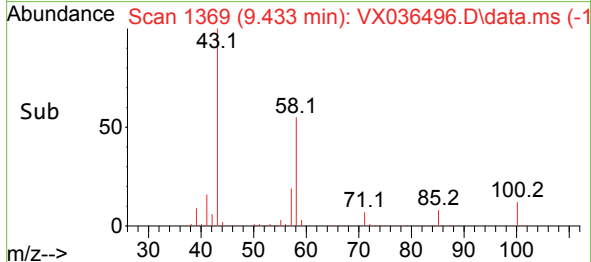
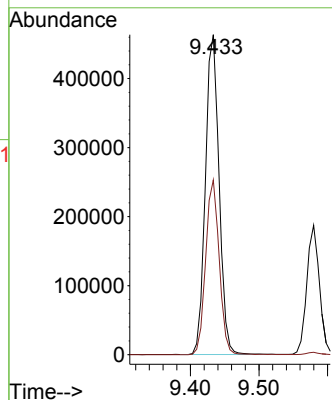
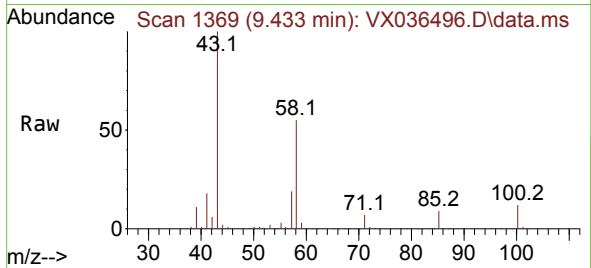




#59
2-Hexanone
Concen: 297.616 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

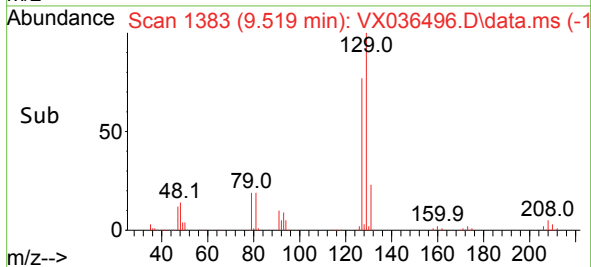
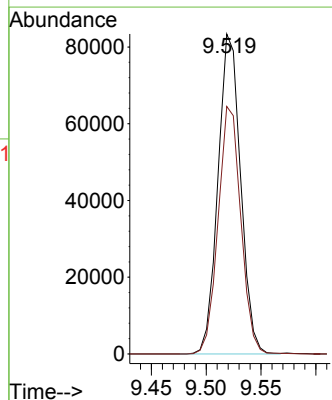
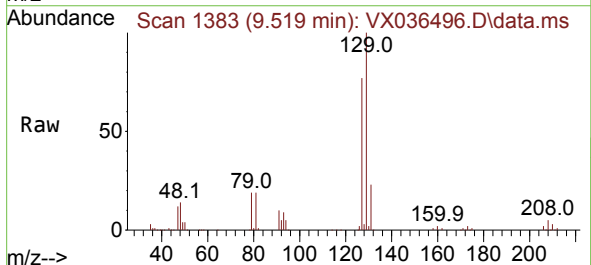
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

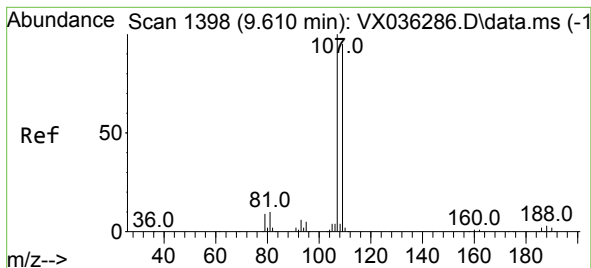
Tgt Ion: 43 Resp: 644049
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5



#60
Dibromochloromethane
Concen: 59.165 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 129 Resp: 119647
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

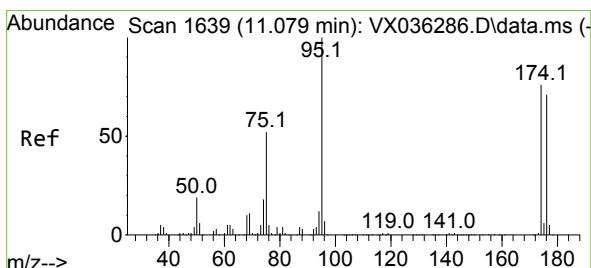
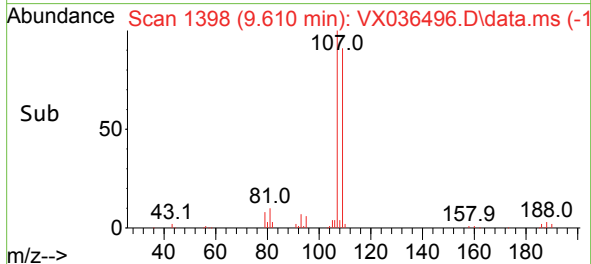
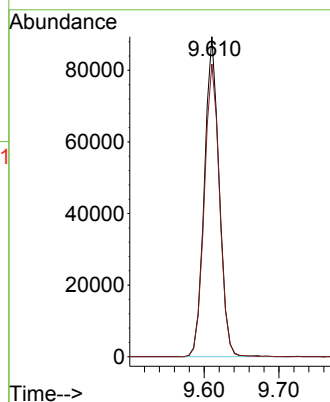
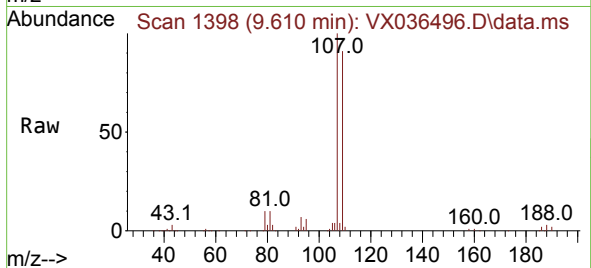




#61
1,2-Dibromoethane
Concen: 55.398 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

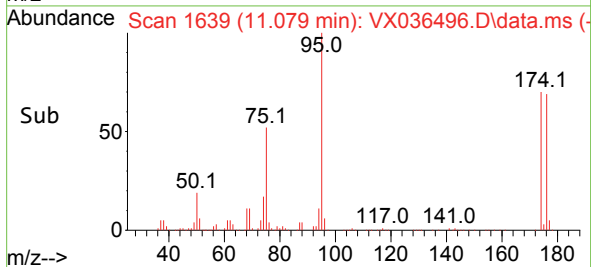
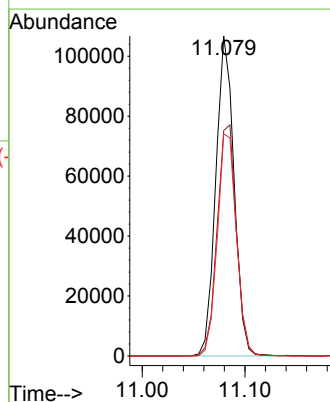
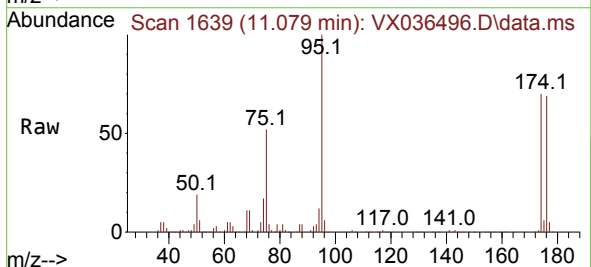
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

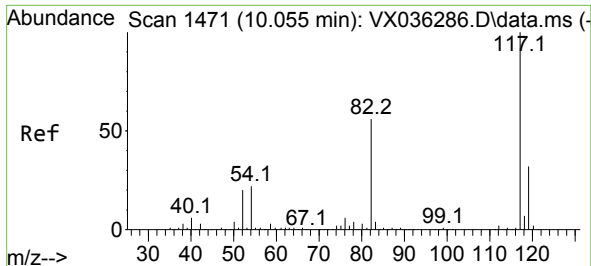
Tgt Ion:107 Resp: 122367
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 52.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 95 Resp: 131752
Ion Ratio Lower Upper
95 100
174 76.0 0.0 135.6
176 72.3 0.0 131.0

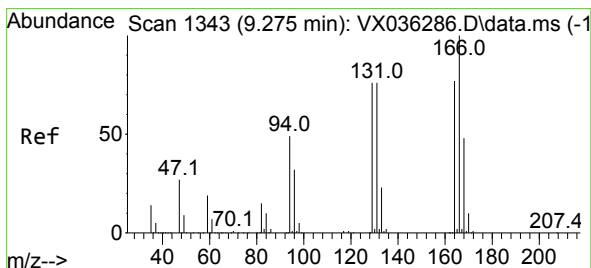
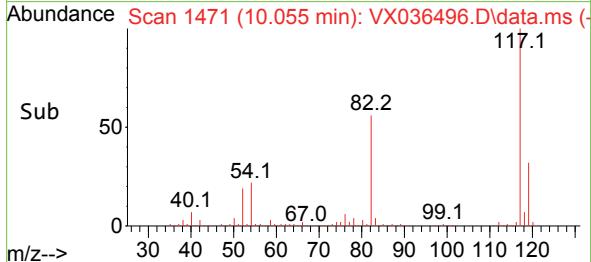
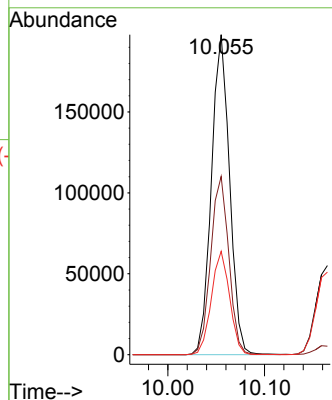
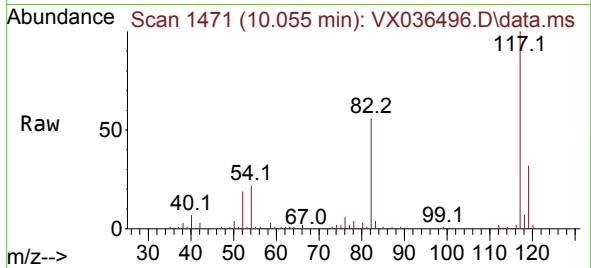




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

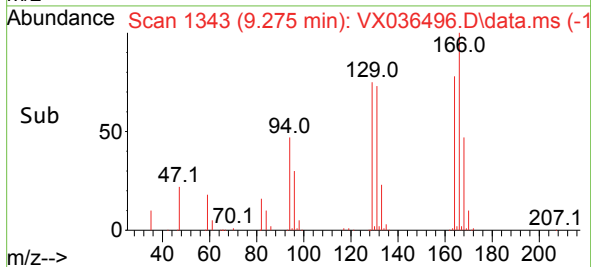
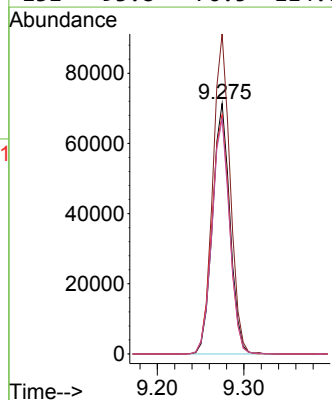
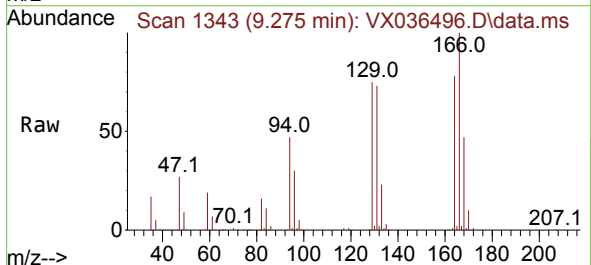
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

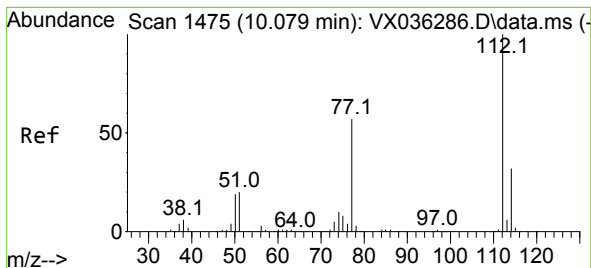
Tgt Ion:117 Resp: 258620
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 54.331 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion:164 Resp: 99212
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 95.5 80.4 120.6
131 93.8 76.5 114.7

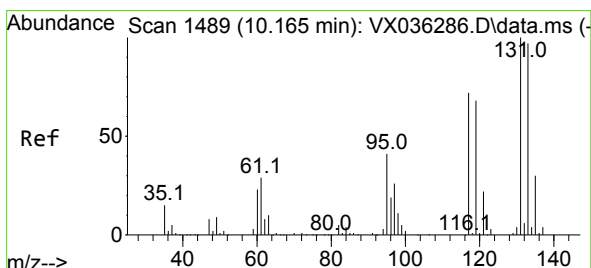
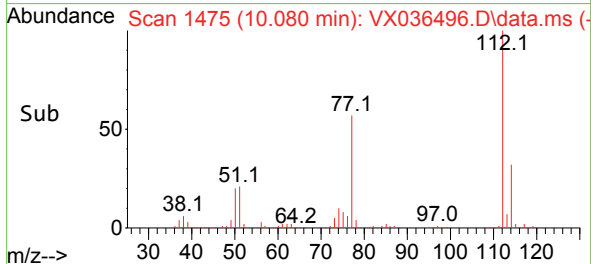
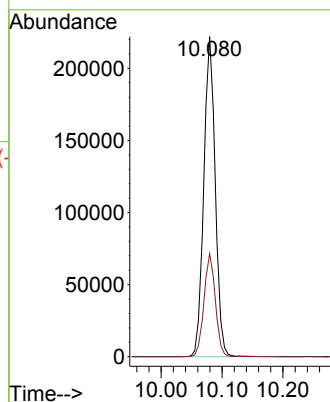
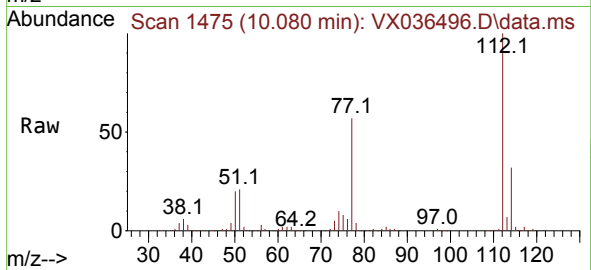




#65
Chlorobenzene
Concen: 53.481 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

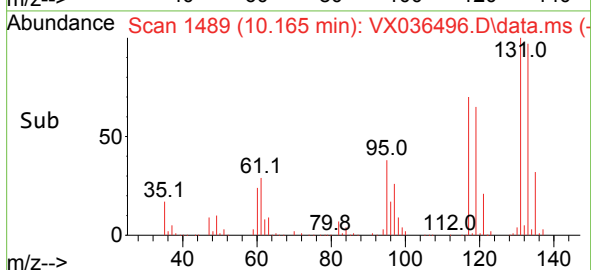
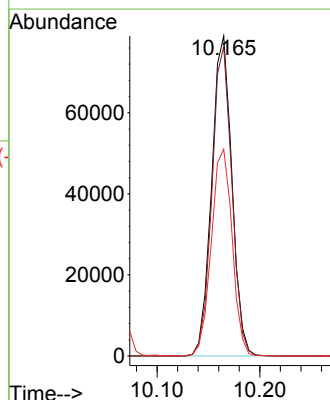
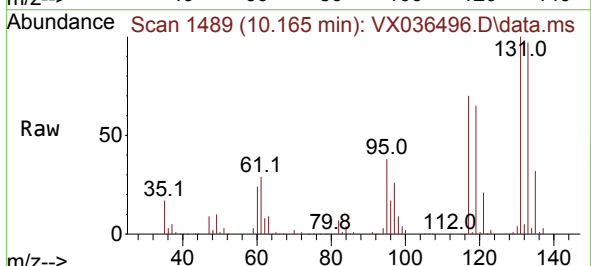
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

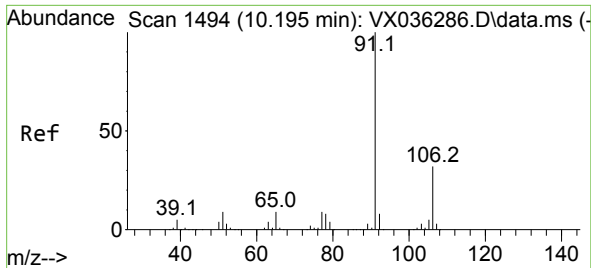
Tgt Ion:112 Resp: 290752
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 58.763 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion:131 Resp: 107983
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 66.7 32.2 96.6

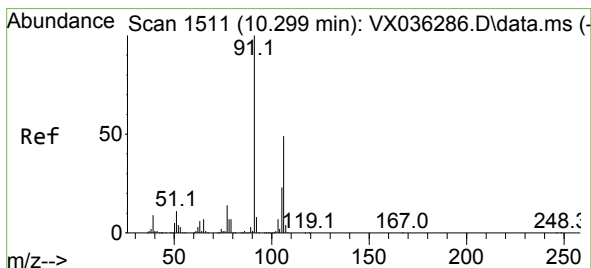
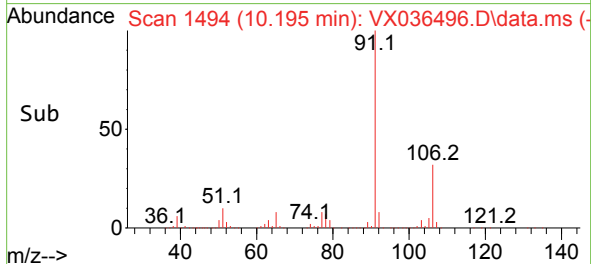
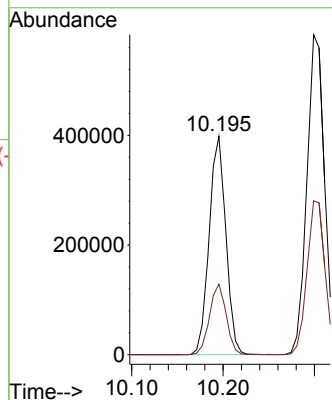
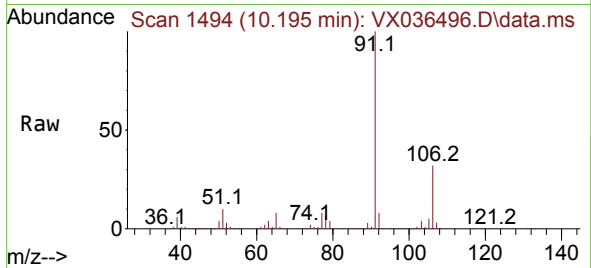




#67
Ethyl Benzene
Concen: 52.312 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

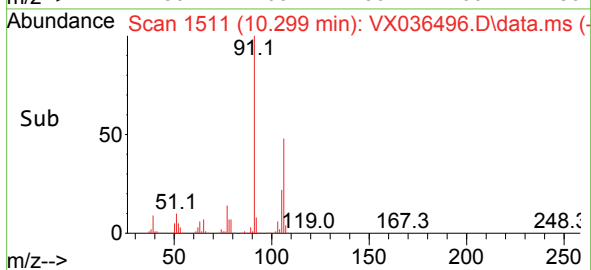
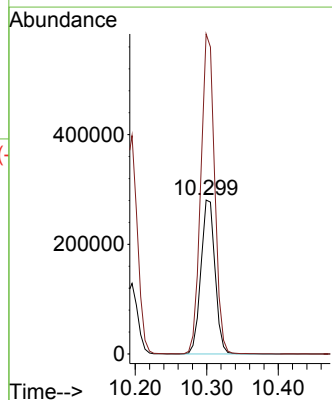
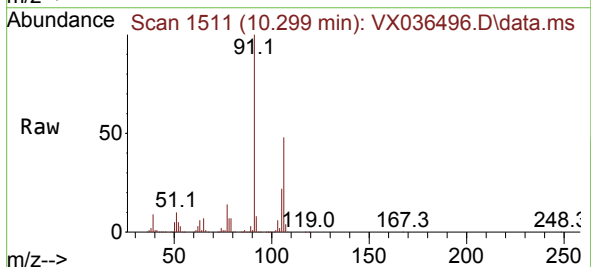
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

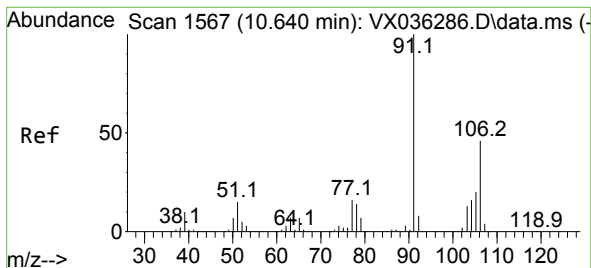
Tgt Ion: 91 Resp: 505596
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3



#68
m/p-Xylenes
Concen: 102.461 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 106 Resp: 384748
Ion Ratio Lower Upper
106 100
91 203.7 165.5 248.3





#69

o-Xylene

Concen: 54.505 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

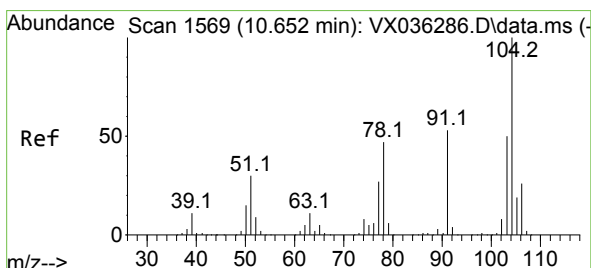
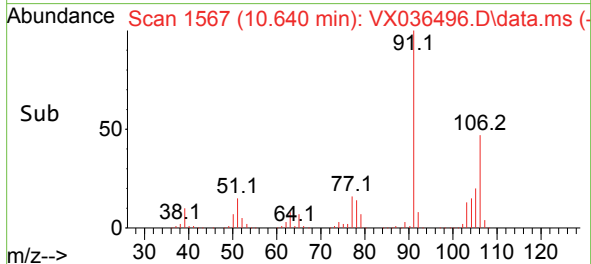
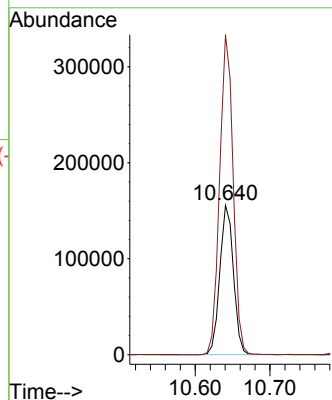
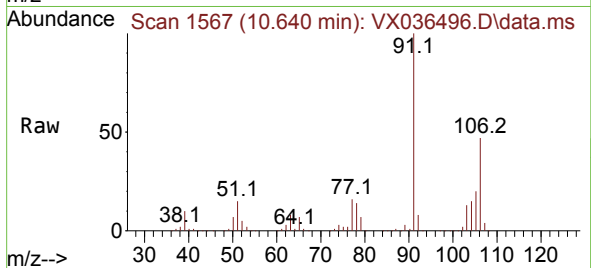
VSTDCCC050EC

Tgt Ion:106 Resp: 197646

Ion Ratio Lower Upper

106 100

91 212.0 108.9 326.8



#70

Styrene

Concen: 54.229 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

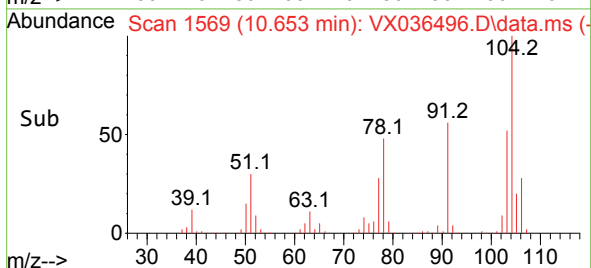
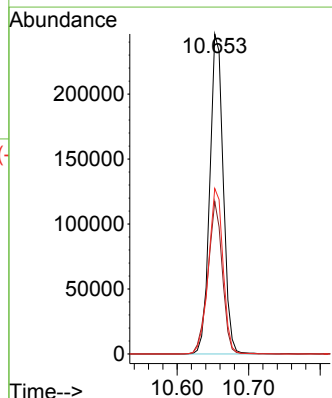
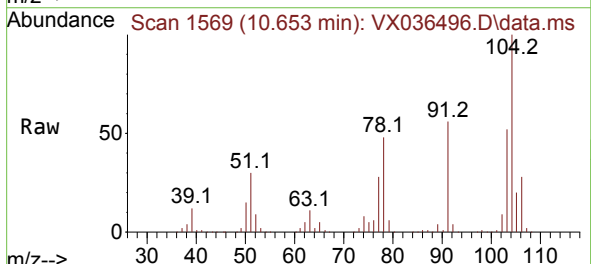
Tgt Ion:104 Resp: 321974

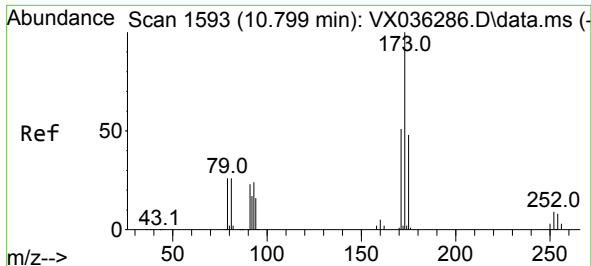
Ion Ratio Lower Upper

104 100

78 51.0 43.6 65.4

103 56.2 43.6 65.4

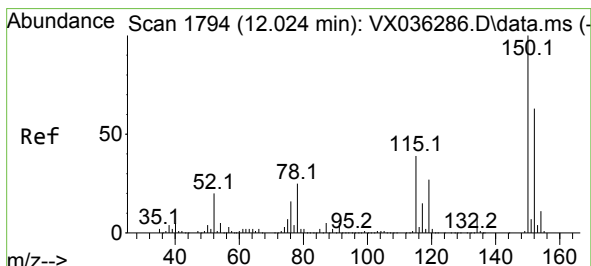
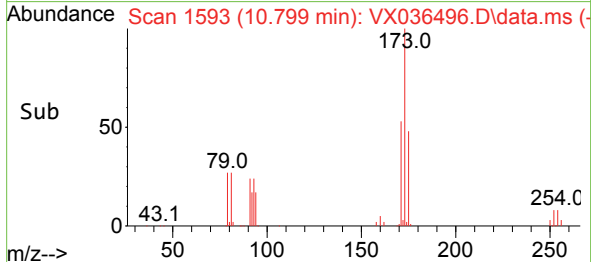
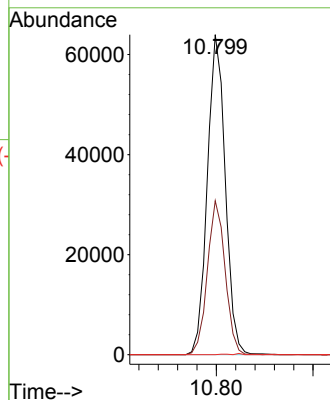
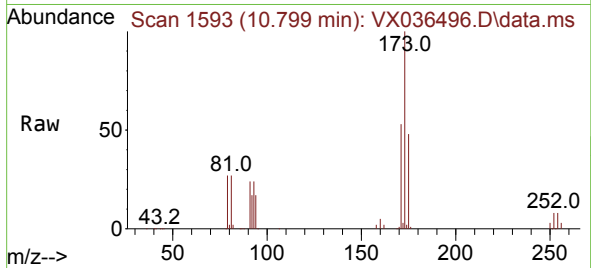




#71
Bromoform
Concen: 62.548 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

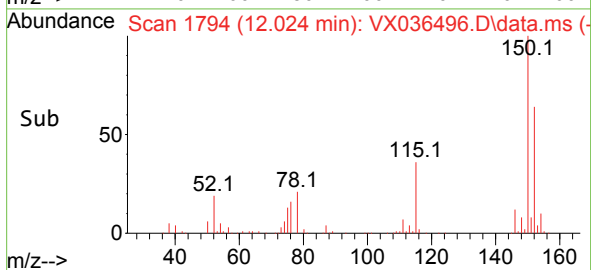
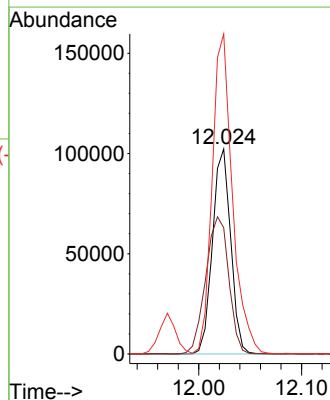
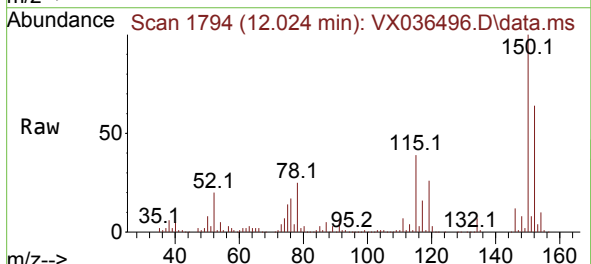
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

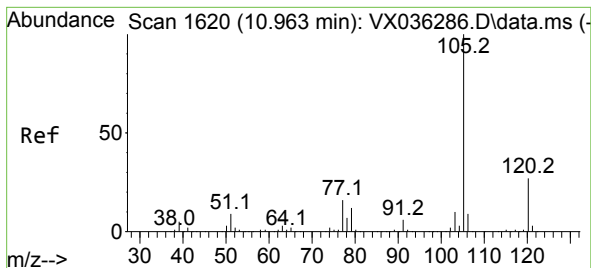
Tgt Ion:173 Resp: 82441
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion:152 Resp: 125417
Ion Ratio Lower Upper
152 100
115 85.0 43.3 129.9
150 173.3 0.0 345.0





#73

Isopropylbenzene

Concen: 51.087 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

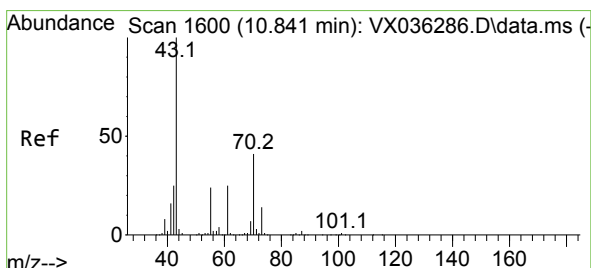
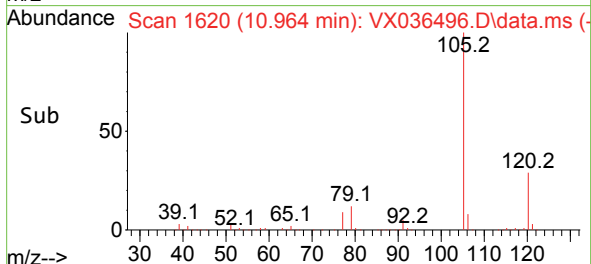
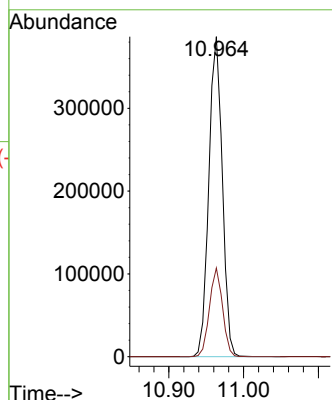
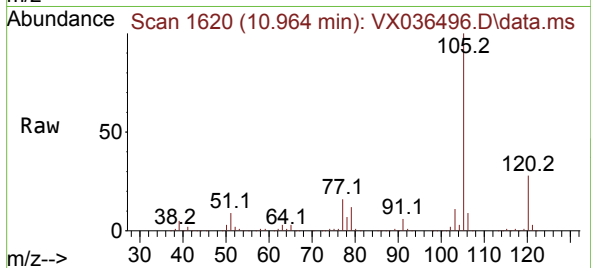
VSTDCCC050EC

Tgt Ion:105 Resp: 482847

Ion Ratio Lower Upper

105 100

120 26.9 12.9 38.6



#74

N-ethyl acetate

Concen: 63.019 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Tgt Ion: 43 Resp: 235596

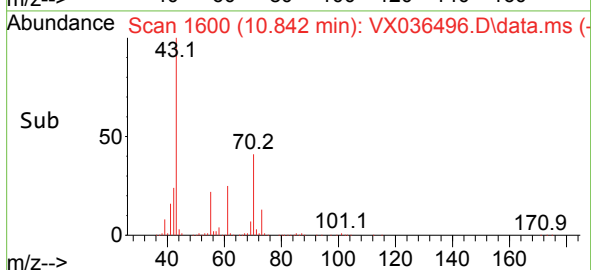
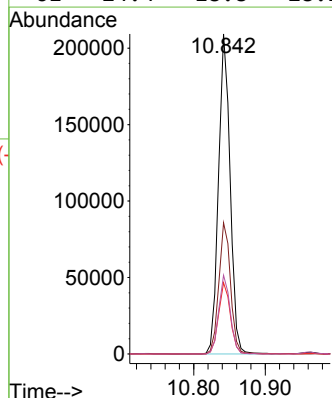
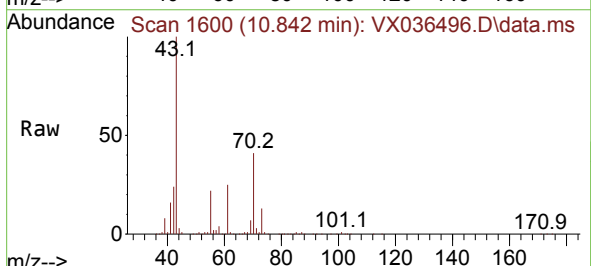
Ion Ratio Lower Upper

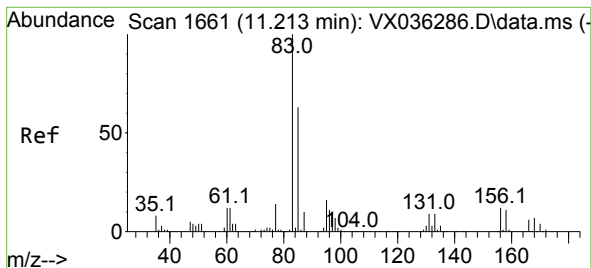
43 100

70 41.4 32.9 49.3

55 22.7 19.3 28.9

61 24.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.026 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

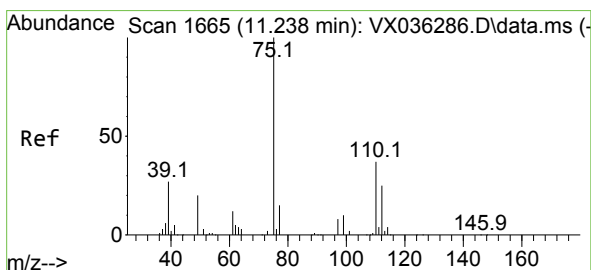
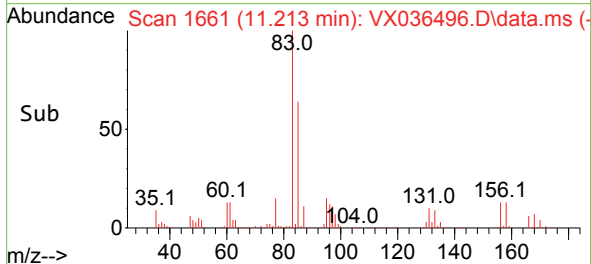
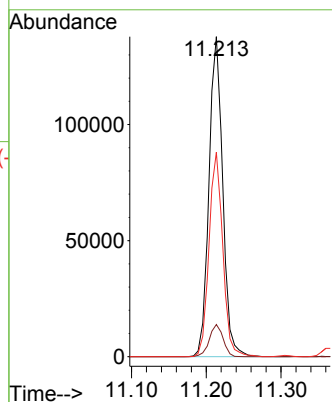
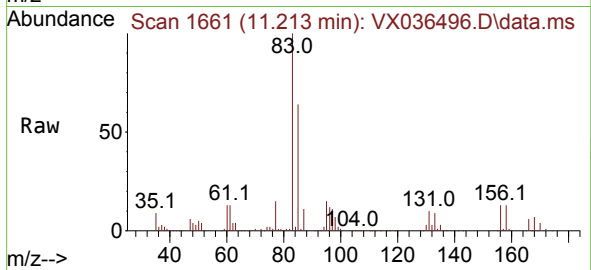
Tgt Ion: 83 Resp: 176118

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

85 63.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 73.171 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036496.D

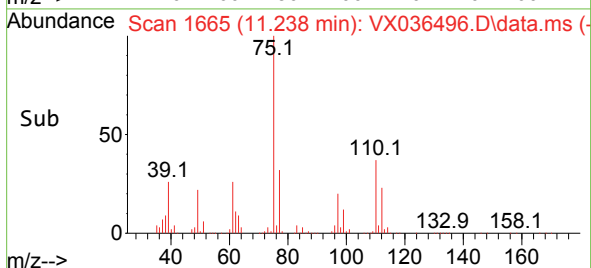
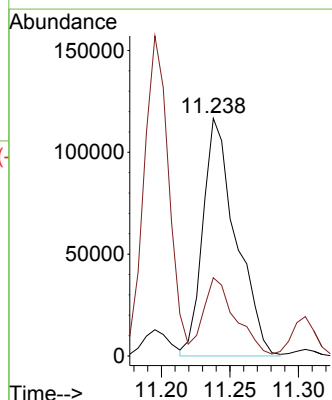
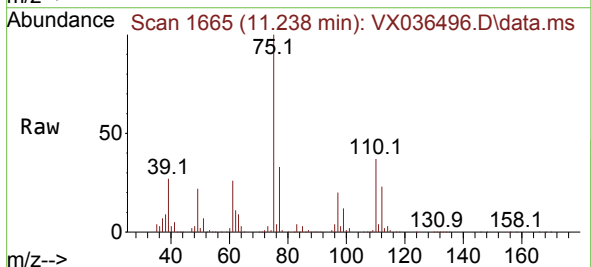
Acq: 10 Jul 2023 20:28

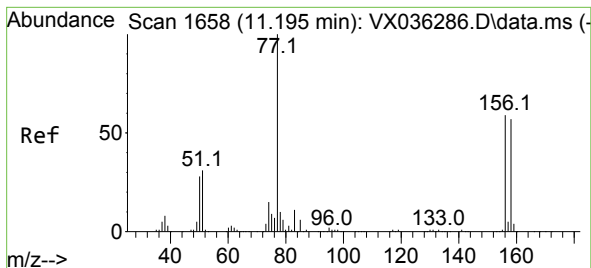
Tgt Ion: 75 Resp: 195745

Ion Ratio Lower Upper

75 100

77 31.9 19.1 57.5





#77

Bromobenzene

Concen: 52.981 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

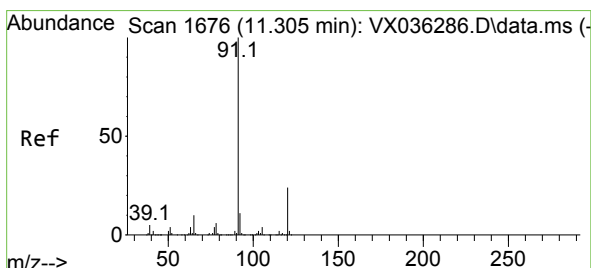
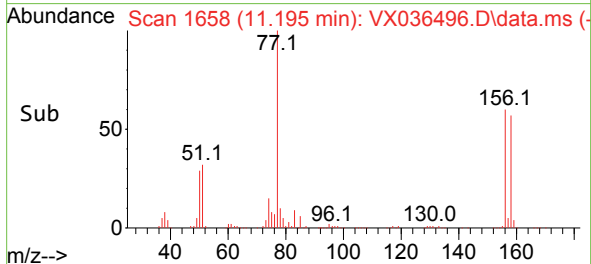
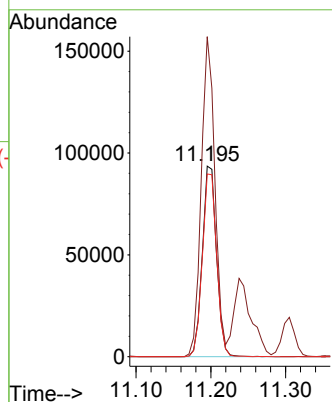
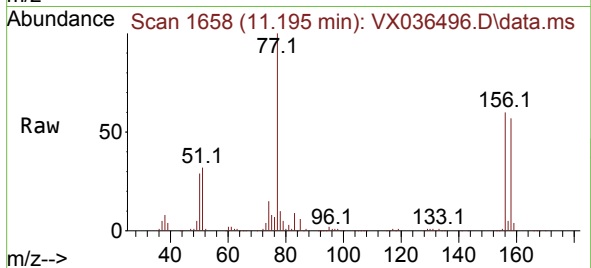
Tgt Ion:156 Resp: 123129

Ion Ratio Lower Upper

156 100

77 161.2 88.4 265.3

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 50.277 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036496.D

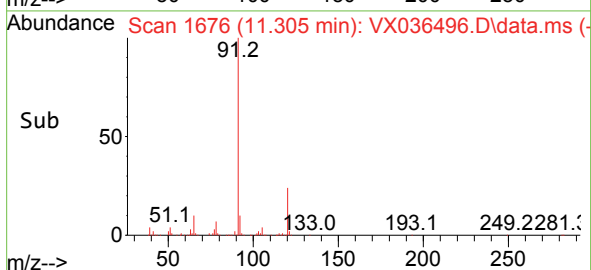
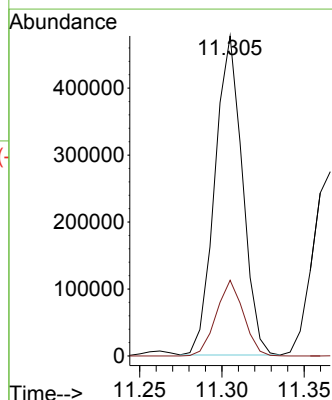
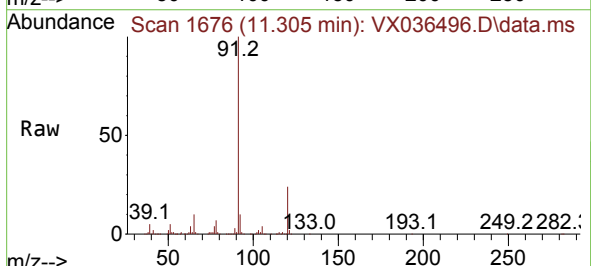
Acq: 10 Jul 2023 20:28

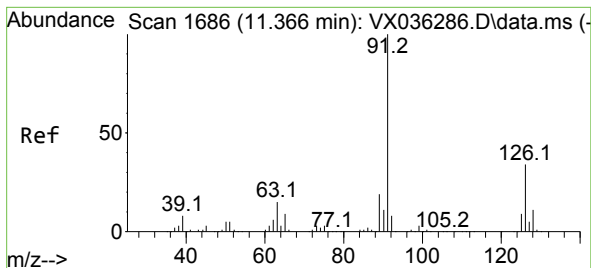
Tgt Ion: 91 Resp: 554963

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

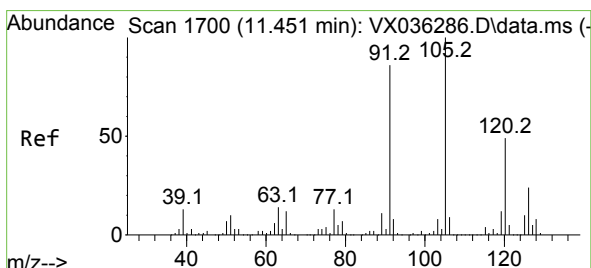
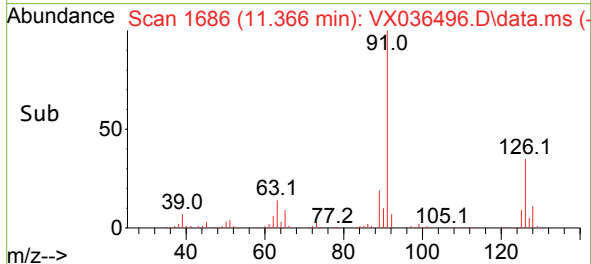
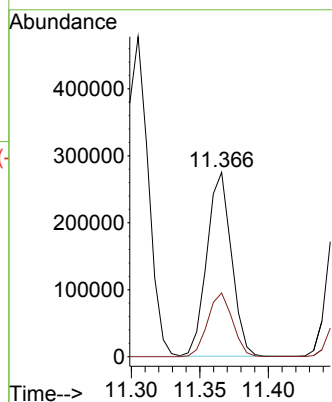
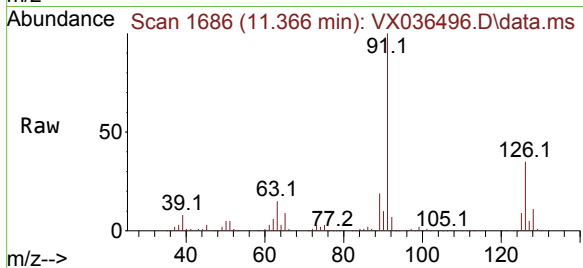




#79
2-Chlorotoluene
Concen: 52.195 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

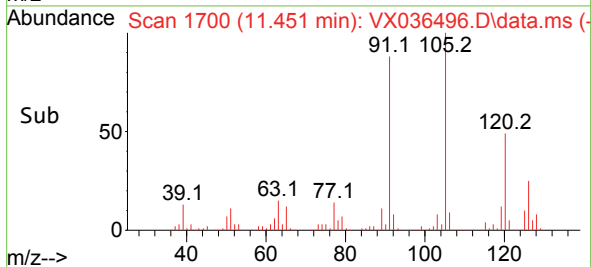
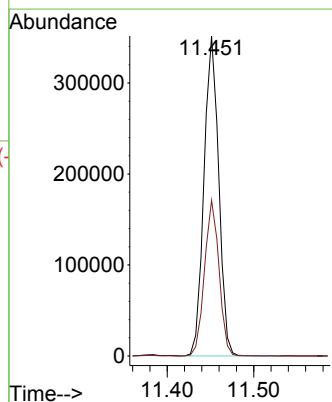
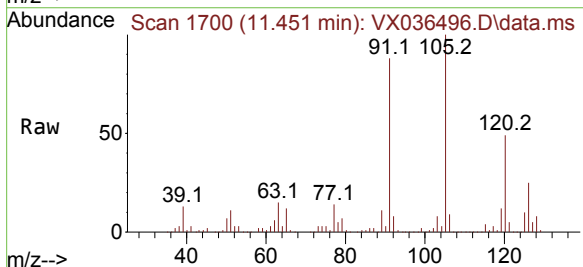
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

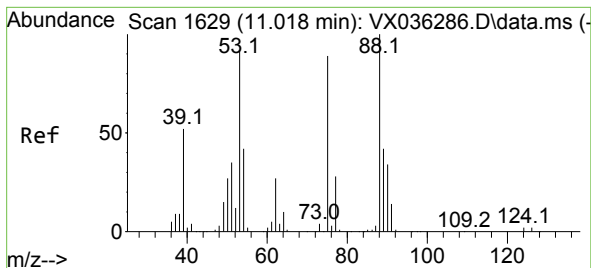
Tgt Ion: 91 Resp: 342730
Ion Ratio Lower Upper
91 100
126 35.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 51.918 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 105 Resp: 415568
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

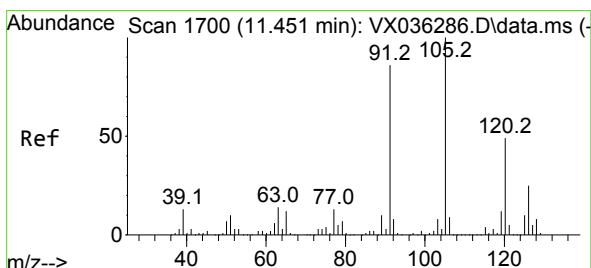
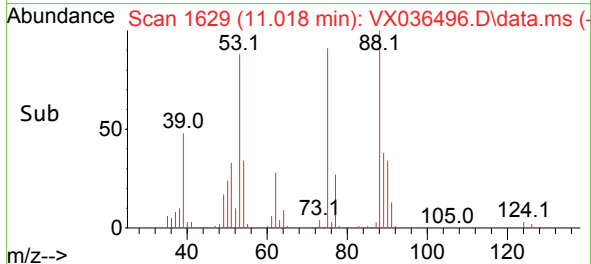
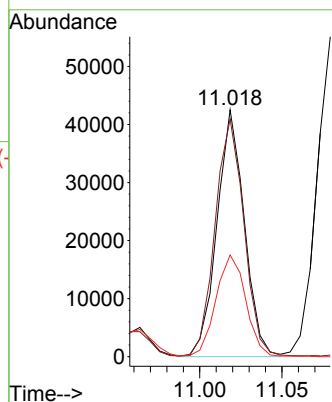
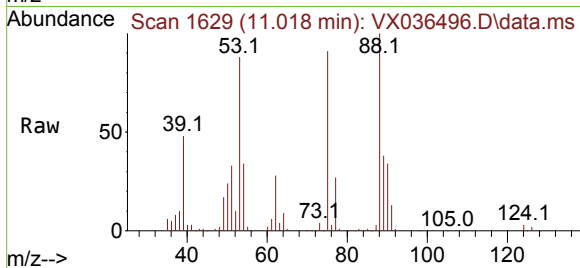




#81
trans-1,4-Dichloro-2-butene
Concen: 60.097 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

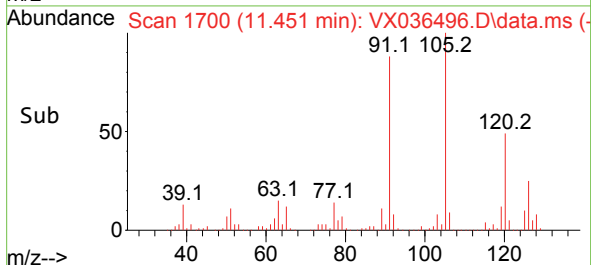
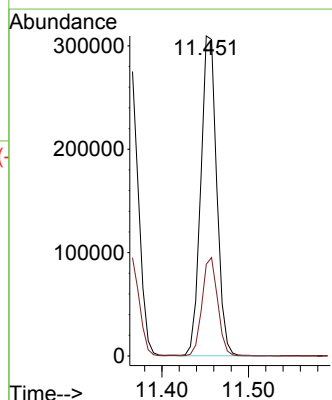
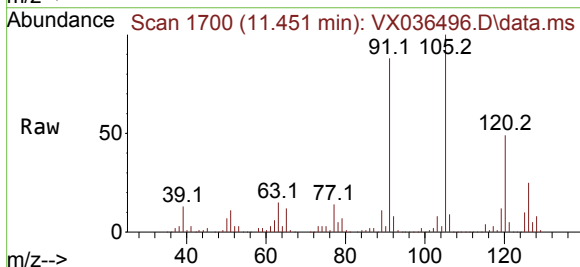
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

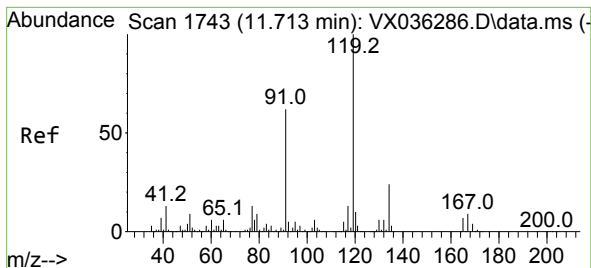
Tgt Ion: 75 Resp: 49320
Ion Ratio Lower Upper
75 100
53 100.8 90.5 135.7
89 44.9 36.9 55.3



#82
4-Chlorotoluene
Concen: 51.688 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 91 Resp: 395139
Ion Ratio Lower Upper
91 100
126 30.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.425 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

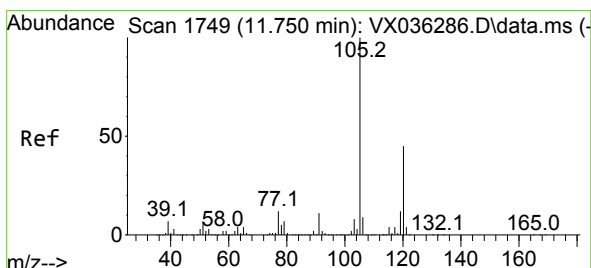
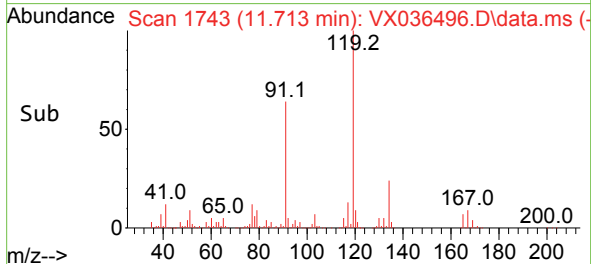
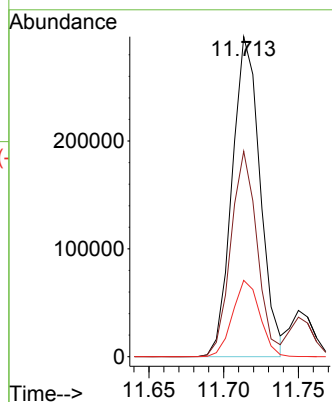
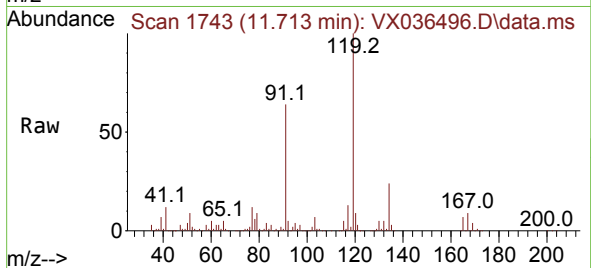
Tgt Ion:119 Resp: 386807

Ion Ratio Lower Upper

119 100

91 60.4 31.2 93.6

134 23.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 52.531 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036496.D

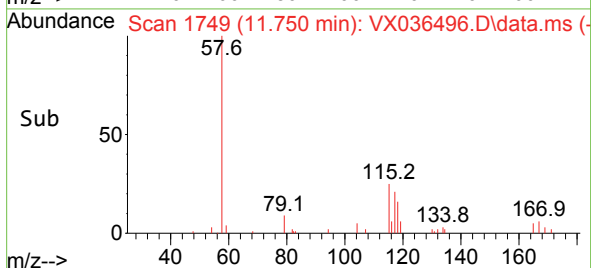
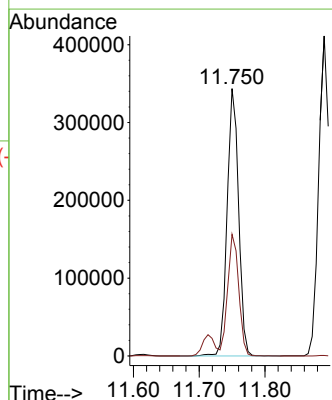
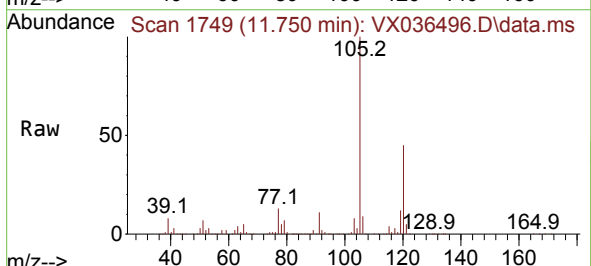
Acq: 10 Jul 2023 20:28

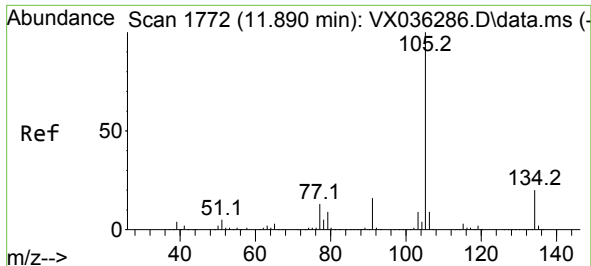
Tgt Ion:105 Resp: 415986

Ion Ratio Lower Upper

105 100

120 44.1 21.2 63.6

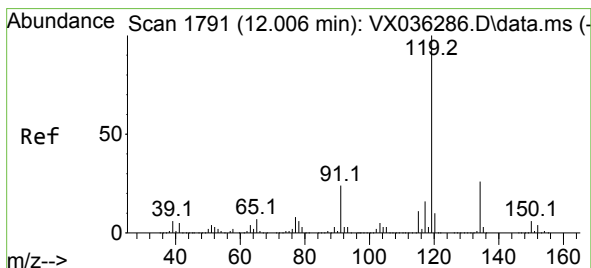
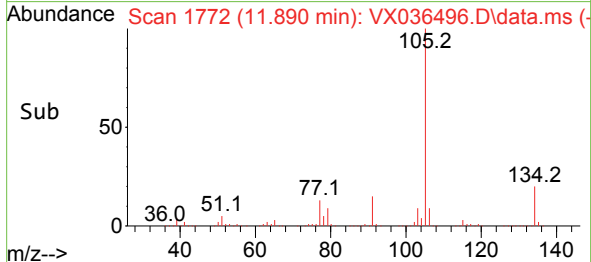
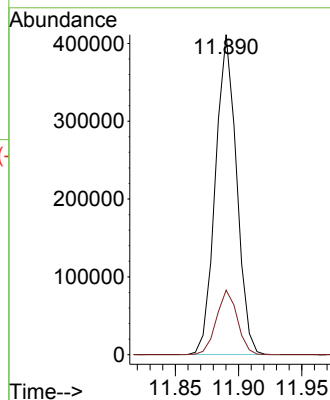
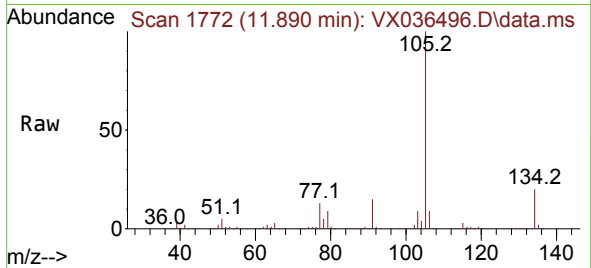




#85
 sec-Butylbenzene
 Concen: 49.083 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

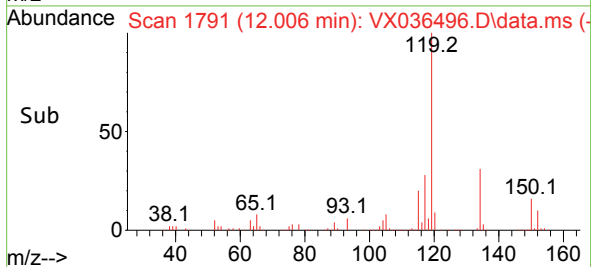
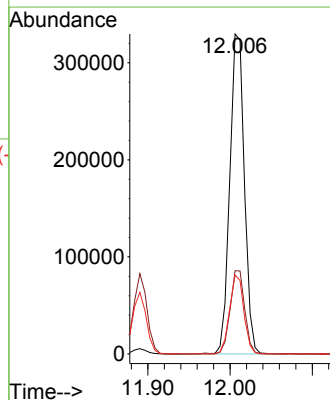
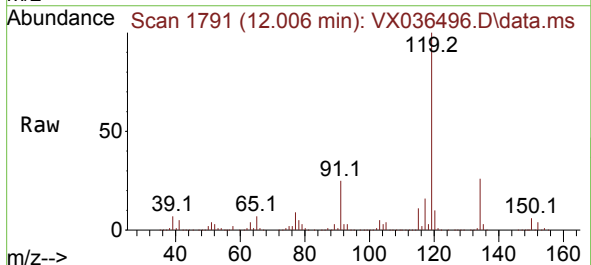
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

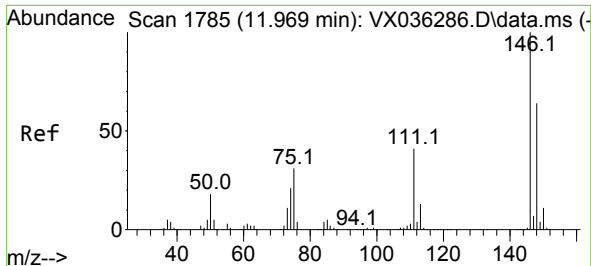
Tgt Ion:105 Resp: 476986
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.044 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036496.D
 Acq: 10 Jul 2023 20:28

Tgt Ion:119 Resp: 408147
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.3
 91 24.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.241 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

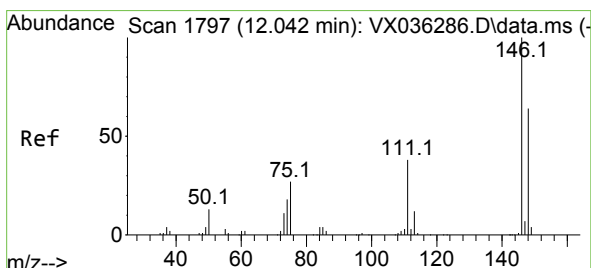
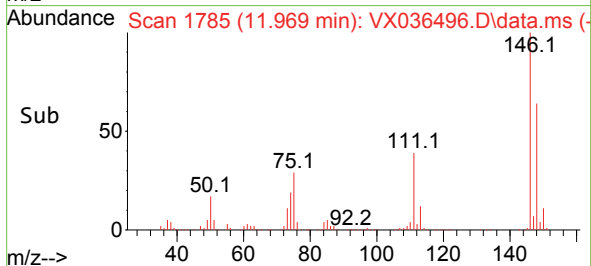
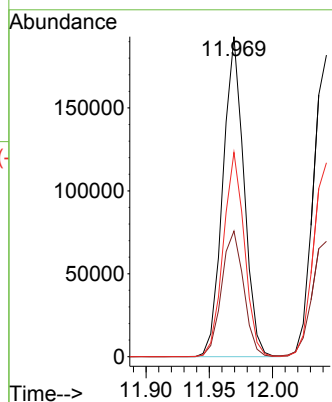
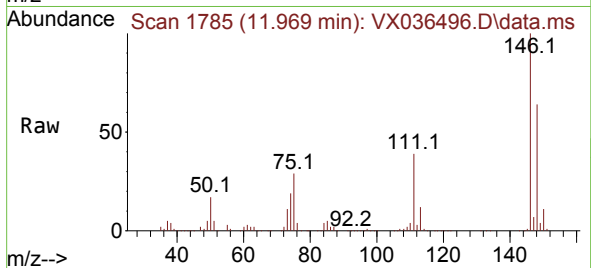
Tgt Ion:146 Resp: 223221

Ion Ratio Lower Upper

146 100

111 41.2 22.1 66.1

148 63.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.782 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

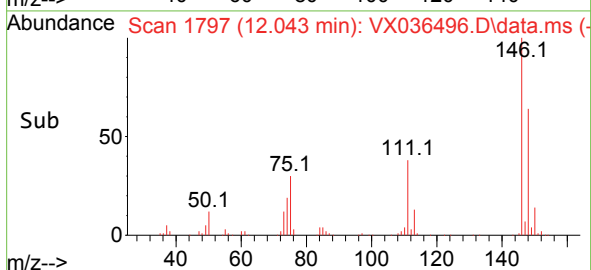
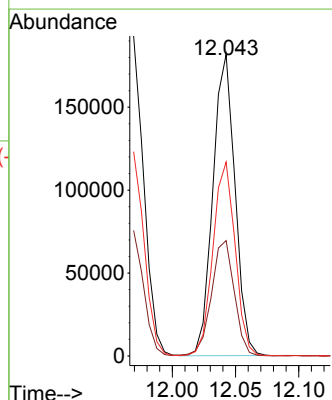
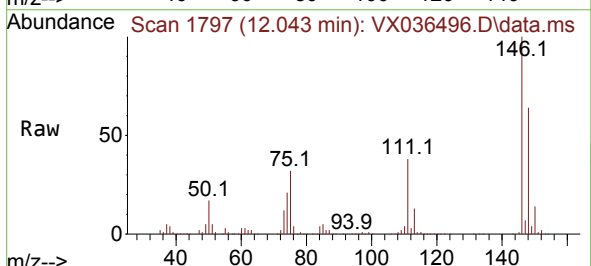
Tgt Ion:146 Resp: 220948

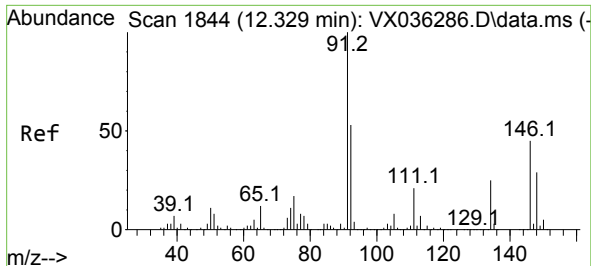
Ion Ratio Lower Upper

146 100

111 39.6 21.3 63.7

148 64.6 31.8 95.4

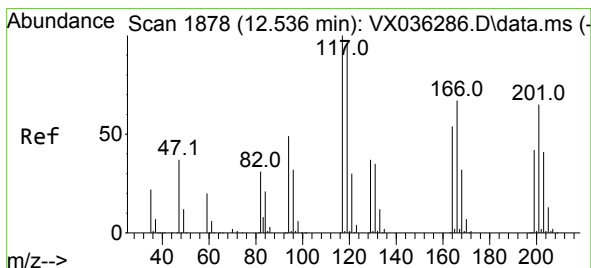
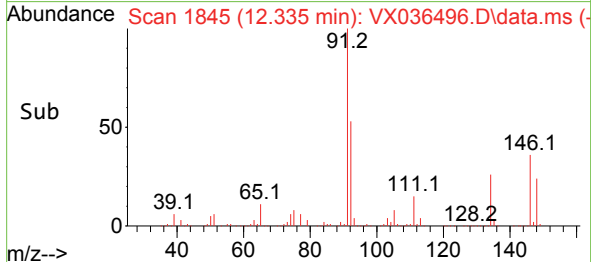
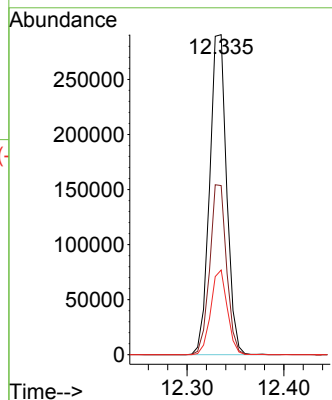
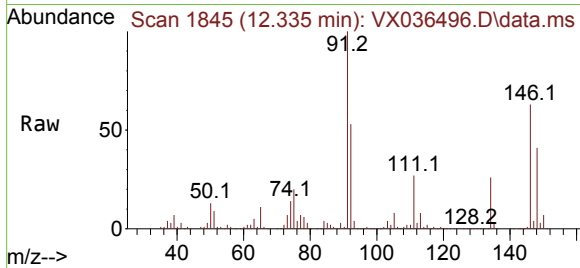




#89
n-Butylbenzene
Concen: 48.976 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

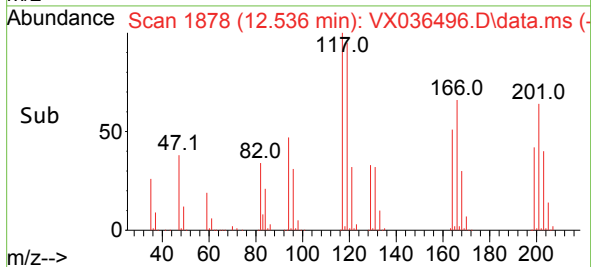
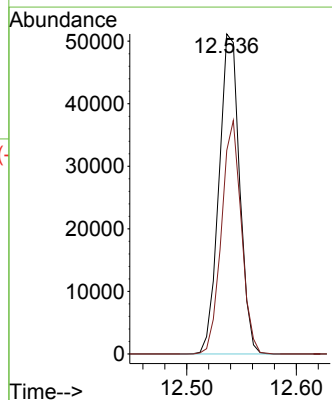
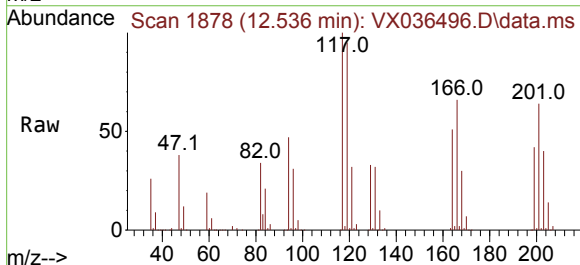
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

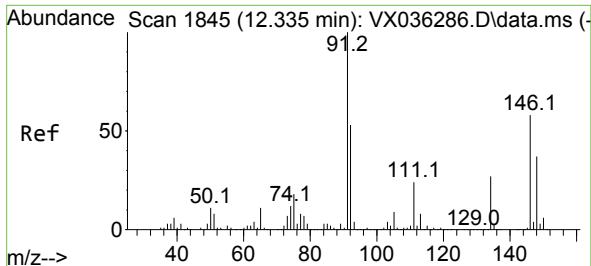
Tgt Ion: 91 Resp: 355480
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 25.7 12.6 37.8



#90
Hexachloroethane
Concen: 54.124 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 117 Resp: 66857
Ion Ratio Lower Upper
117 100
201 70.2 32.9 98.6

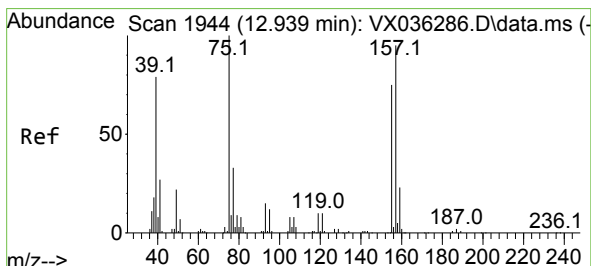
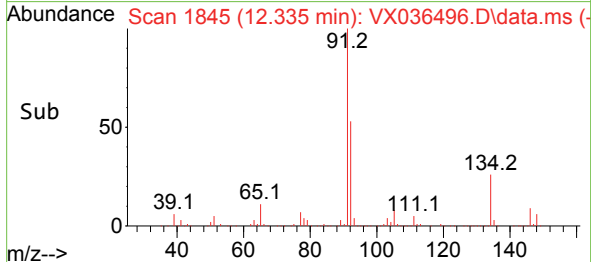
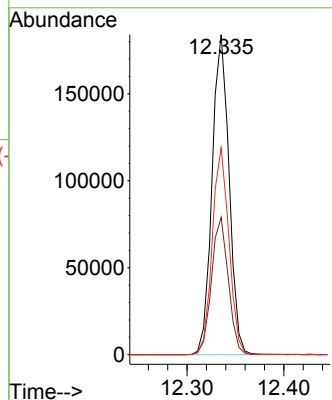
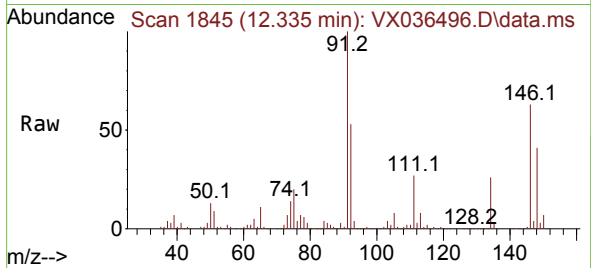




#91
1,2-Dichlorobenzene
Concen: 53.372 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

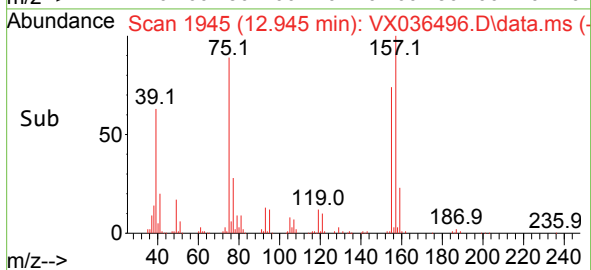
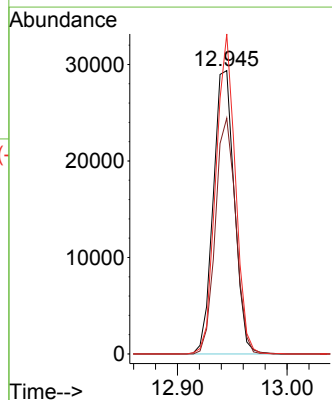
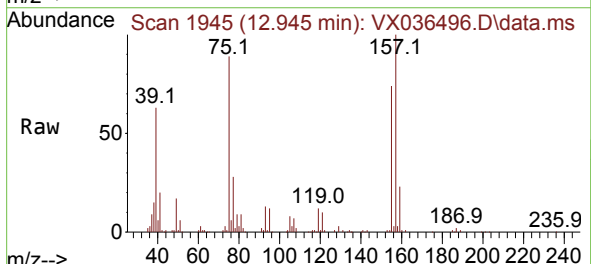
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

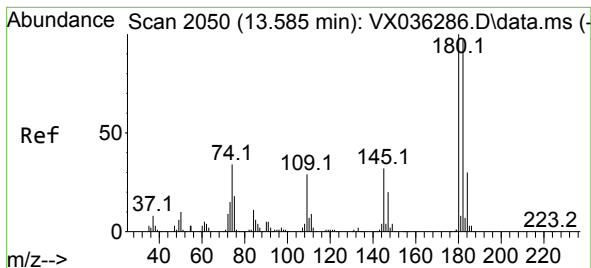
Tgt Ion:146 Resp: 224555
Ion Ratio Lower Upper
146 100
111 42.4 22.4 67.0
148 63.6 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 64.686 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion: 75 Resp: 39325
Ion Ratio Lower Upper
75 100
155 80.3 36.1 108.5
157 104.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.915 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

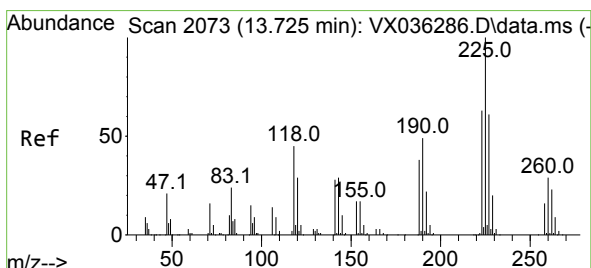
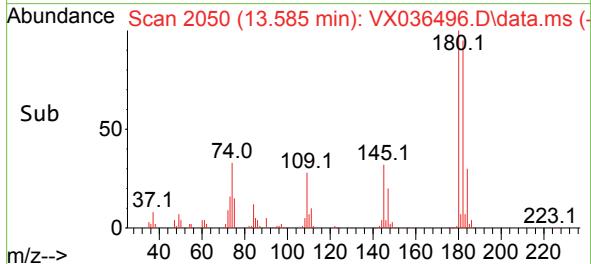
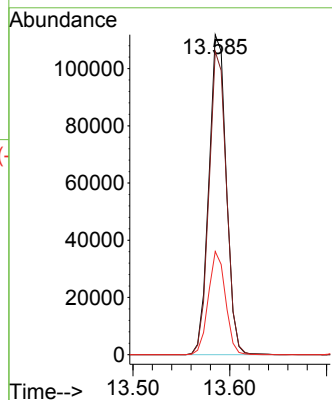
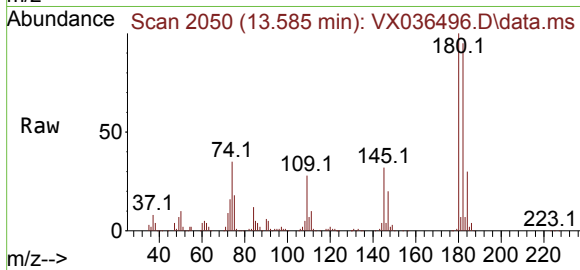
Tgt Ion:180 Resp: 139721

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 31.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 43.608 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036496.D

Acq: 10 Jul 2023 20:28

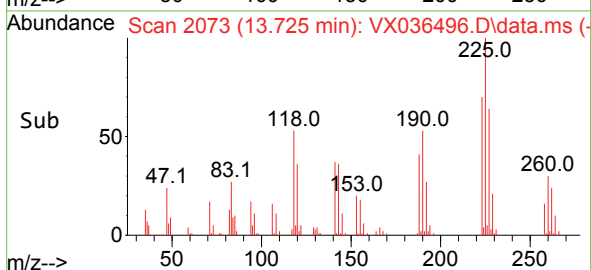
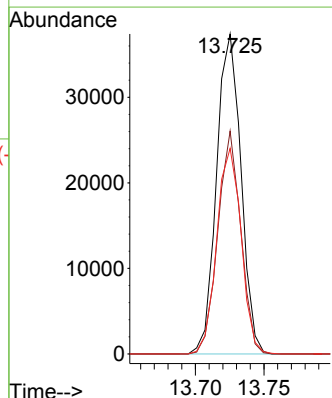
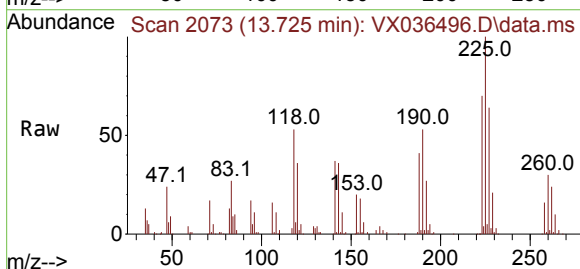
Tgt Ion:225 Resp: 46284

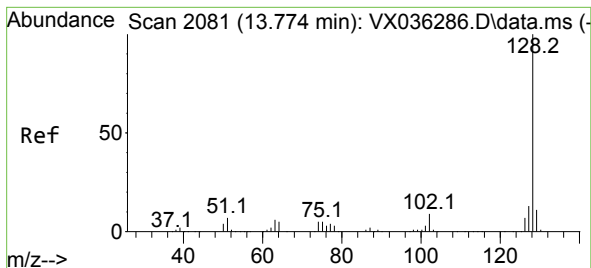
Ion Ratio Lower Upper

225 100

223 65.2 31.1 93.2

227 64.2 32.5 97.5

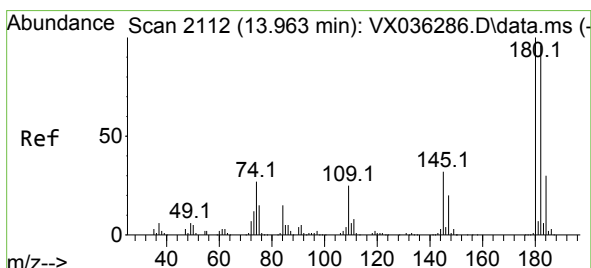
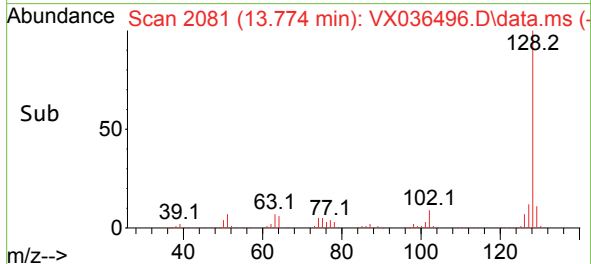
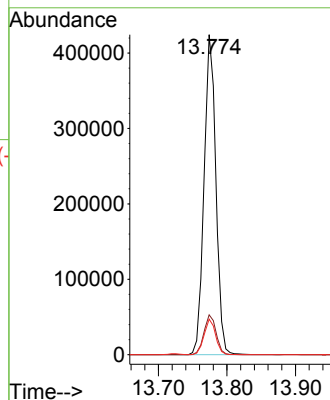
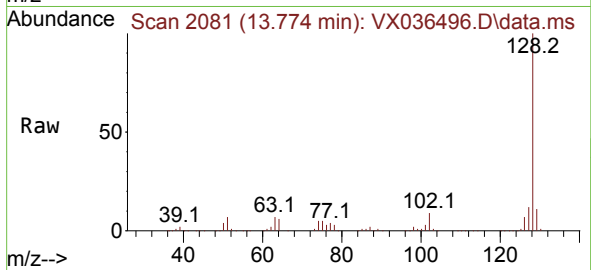




#95
Naphthalene
Concen: 59.555 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 509874
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 56.725 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036496.D
Acq: 10 Jul 2023 20:28

Tgt Ion:180 Resp: 143395
Ion Ratio Lower Upper
180 100
182 94.6 46.9 140.6
145 33.3 17.8 53.5

