

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011623\
 Data File : VX033751.D
 Acq On : 16 Jan 2023 16:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 17 00:44:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	172698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88347	48.586	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.180%
35) Dibromofluoromethane	5.379	113	74773	44.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.220%
50) Toluene-d8	8.647	98	292669	47.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.079	95	111210	49.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	60665	44.451	ug/l	98
3) Chloromethane	1.295	50	62543	41.488	ug/l	100
4) Vinyl Chloride	1.374	62	64455	44.058	ug/l	100
5) Bromomethane	1.618	94	47685	56.729	ug/l	99
6) Chloroethane	1.691	64	50138	55.434	ug/l	98
7) Trichlorofluoromethane	1.886	101	122852	51.782	ug/l	98
8) Diethyl Ether	2.130	74	45158	58.131	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	74411	54.360	ug/l	98
10) Methyl Iodide	2.453	142	108723	56.679	ug/l	97
11) Tert butyl alcohol	3.038	59	74738	236.601	ug/l	98
12) 1,1-Dichloroethene	2.319	96	68521	48.762	ug/l	98
13) Acrolein	2.239	56	85833	294.501	ug/l	99
14) Allyl chloride	2.660	41	141919	53.547	ug/l	91
15) Acrylonitrile	3.069	53	214281	257.756	ug/l	99
16) Acetone	2.398	43	204055	311.856	ug/l	100
17) Carbon Disulfide	2.514	76	181608	51.029	ug/l	98
18) Methyl Acetate	2.703	43	132616	52.259	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	259738	53.219	ug/l	100
20) Methylene Chloride	2.788	84	88422	56.239	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	83811	51.019	ug/l	98
22) Diisopropyl ether	3.751	45	275238	51.615	ug/l	94
23) Vinyl Acetate	3.715	43	1059969	264.048	ug/l	99
24) 1,1-Dichloroethane	3.605	63	148349	50.848	ug/l	98
25) 2-Butanone	4.562	43	288593	242.906	ug/l	99
26) 2,2-Dichloropropane	4.471	77	102668	49.128	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	86275	45.682	ug/l	95
28) Bromochloromethane	4.891	49	65484	49.275	ug/l	95
29) Tetrahydrofuran	5.007	42	185866	248.216	ug/l	100
30) Chloroform	5.087	83	153846	51.485	ug/l	99
31) Cyclohexane	5.465	56	135785	50.747	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	129197	50.641	ug/l	99
36) 1,1-Dichloropropene	5.684	75	115437	47.191	ug/l	99
37) Ethyl Acetate	4.709	43	117416	50.323	ug/l	99
38) Carbon Tetrachloride	5.672	117	118458	46.756	ug/l	99
39) Methylcyclohexane	7.373	83	150405	49.789	ug/l	96
40) Benzene	6.031	78	340628	47.774	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	65602	48.666	ug/l	98
42) 1,2-Dichloroethane	6.080	62	115982	45.901	ug/l	98
43) Isopropyl Acetate	6.336	43	183146	47.425	ug/l	98
44) Trichloroethene	7.123	130	99500	49.904	ug/l	99
45) 1,2-Dichloropropane	7.428	63	88186	49.373	ug/l	99
46) Dibromomethane	7.574	93	59534	47.720	ug/l	98
47) Bromodichloromethane	7.818	83	112645	46.851	ug/l	98
48) Methyl methacrylate	7.690	41	94524	48.591	ug/l	98
49) 1,4-Dioxane	7.732	88	40032	930.329	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	567020	239.078	ug/l	99
52) Toluene	8.714	92	224331	48.720	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	120601	50.157	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	135416	50.262	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	88731	48.683	ug/l	99
56) Ethyl methacrylate	9.116	69	132160	51.524	ug/l	98
57) 1,3-Dichloropropane	9.305	76	147073	49.764	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	309827	245.263	ug/l	100
59) 2-Hexanone	9.427	43	425342	257.668	ug/l	100
60) Dibromochloromethane	9.519	129	95360	50.466	ug/l	98
61) 1,2-Dibromoethane	9.604	107	94083	51.723	ug/l	98
64) Tetrachloroethene	9.269	164	91221	53.804	ug/l	99
65) Chlorobenzene	10.080	112	247867	49.614	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	91688	49.868	ug/l	99
67) Ethyl Benzene	10.189	91	427552	49.844	ug/l	99
68) m/p-Xylenes	10.299	106	342051	101.950	ug/l	100
69) o-Xylene	10.640	106	164468	49.430	ug/l	98
70) Styrene	10.653	104	275269	50.870	ug/l	98
71) Bromoform	10.799	173	71519	46.420	ug/l #	99
73) Isopropylbenzene	10.964	105	435546	51.502	ug/l	100
74) N-amyl acetate	10.842	43	168477	49.849	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	127813	51.733	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	134854	57.026	ug/l	83
77) Bromobenzene	11.195	156	113236	49.528	ug/l	96
78) n-propylbenzene	11.305	91	502883	47.882	ug/l	100
79) 2-Chlorotoluene	11.366	91	289419	51.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	368870	47.629	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34828	45.772	ug/l	97
82) 4-Chlorotoluene	11.451	91	339758	52.468	ug/l	100
83) tert-Butylbenzene	11.713	119	371569	48.320	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	364712	49.783	ug/l	100
85) sec-Butylbenzene	11.890	105	456369	49.618	ug/l	99
86) p-Isopropyltoluene	12.006	119	400256	50.829	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	211093	48.539	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	212110	47.879	ug/l	99
89) n-Butylbenzene	12.329	91	332867	51.670	ug/l	99
90) Hexachloroethane	12.536	117	59936	46.271	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	205484	48.965	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24227	46.129	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	150367	53.193	ug/l	99
94) Hexachlorobutadiene	13.725	225	72783	52.562	ug/l	99
95) Naphthalene	13.774	128	422000	51.890	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146666	51.852	ug/l	100

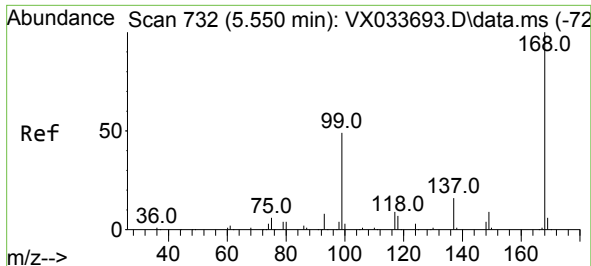
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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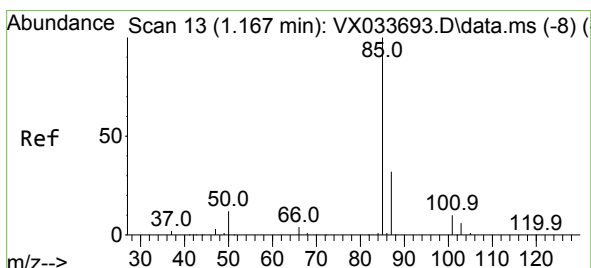
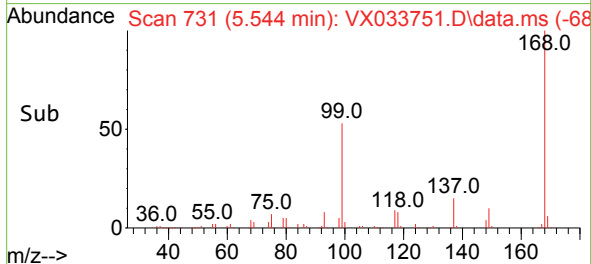
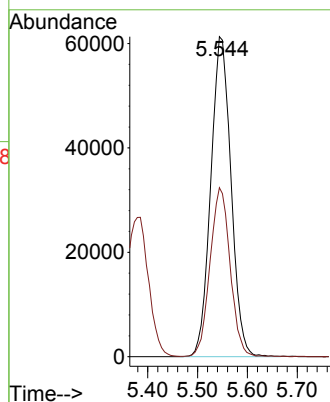
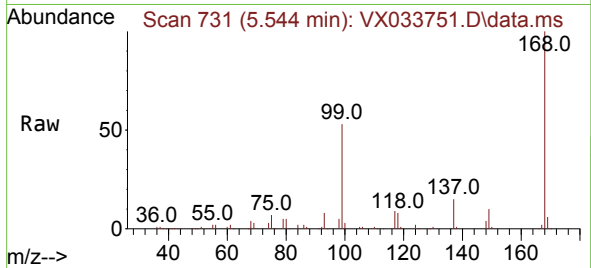
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033751.D
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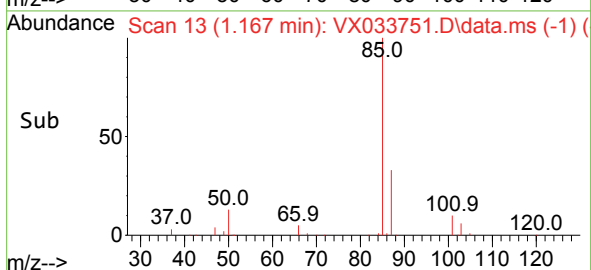
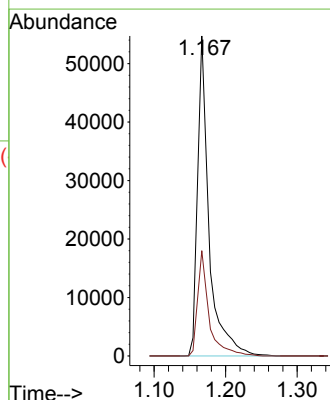
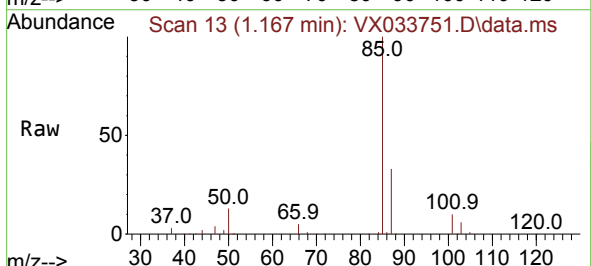
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

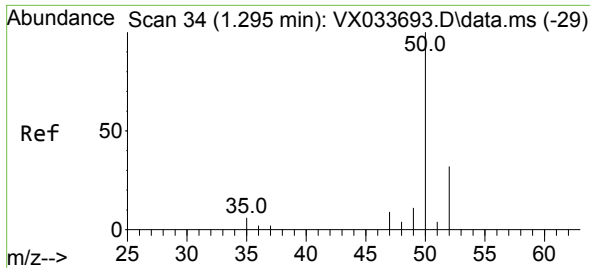
Tgt Ion:168 Resp: 172698
Ion Ratio Lower Upper
168 100
99 52.7 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 44.451 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 85 Resp: 60665
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4

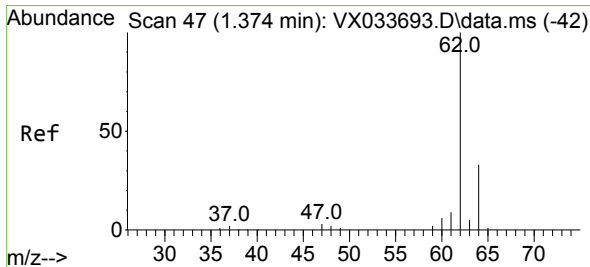
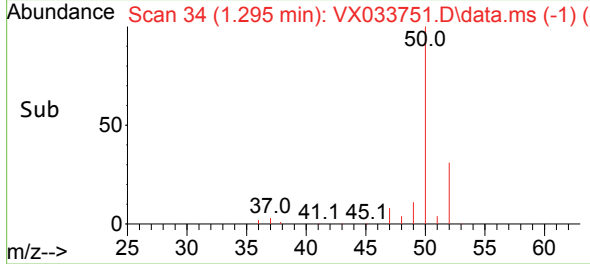
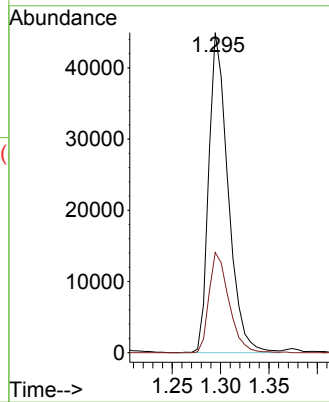
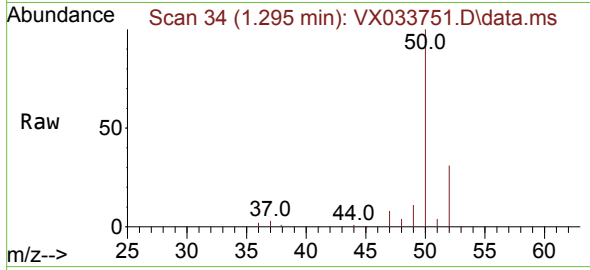




#3
Chloromethane
Concen: 41.488 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

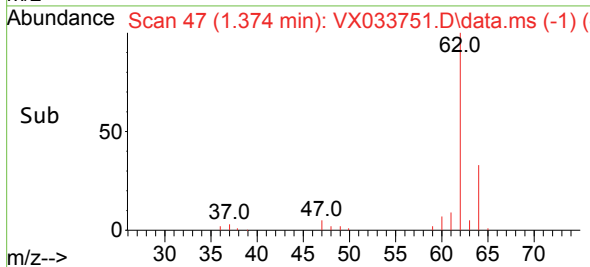
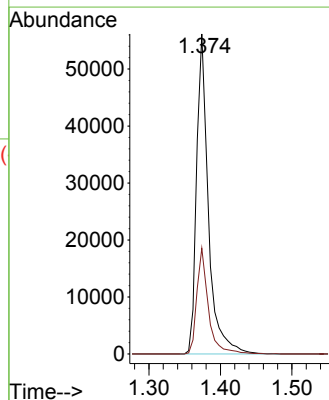
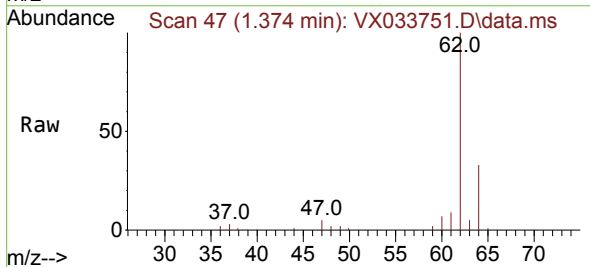
Instrument :
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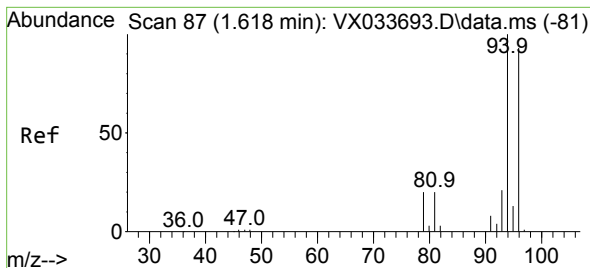
Tgt Ion: 50 Resp: 62543
Ion Ratio Lower Upper
50 100
52 31.3 25.2 37.8



#4
Vinyl Chloride
Concen: 44.058 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 62 Resp: 64455
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.4





#5

Bromomethane

Concen: 56.729 ug/l

RT: 1.618 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

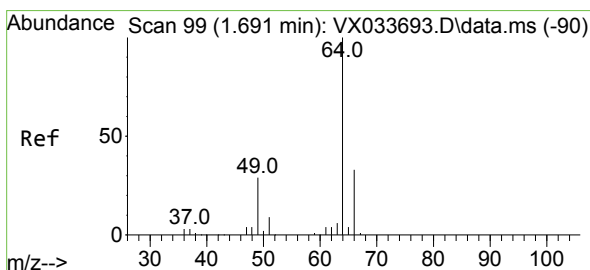
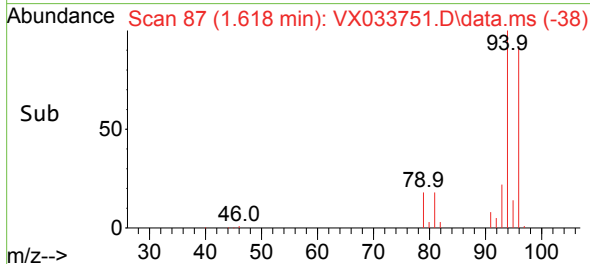
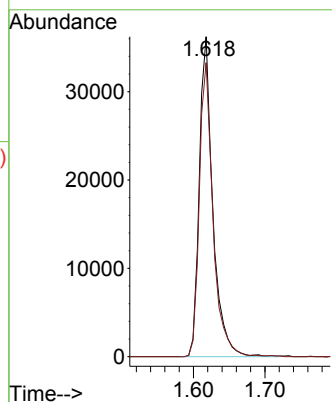
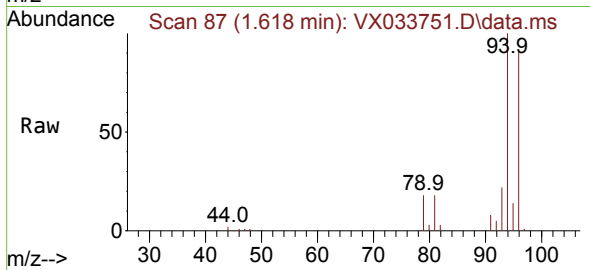
VSTDCCC050EC

Tgt Ion: 94 Resp: 47685

Ion Ratio Lower Upper

94 100

96 91.9 74.3 111.5



#6

Chloroethane

Concen: 55.434 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX033751.D

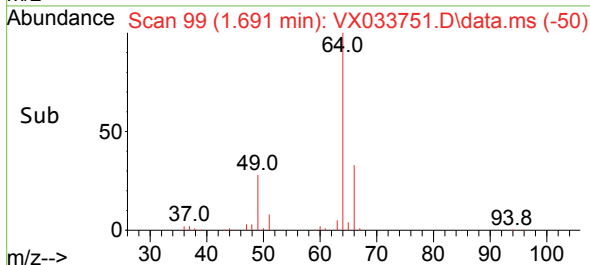
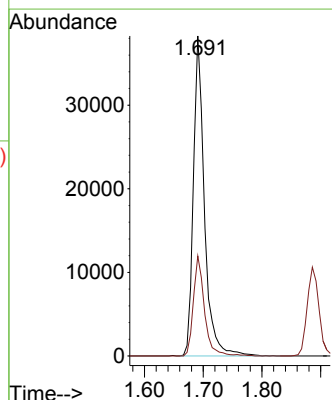
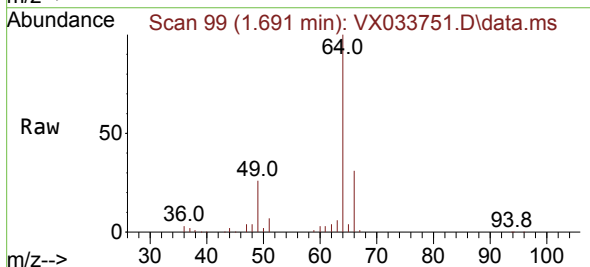
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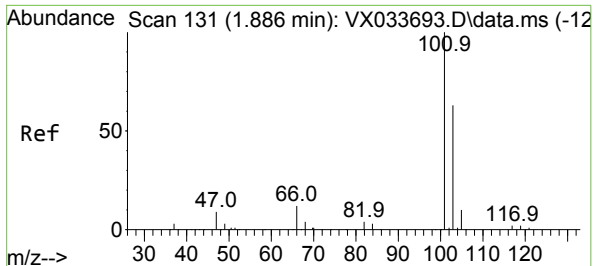
Tgt Ion: 64 Resp: 50138

Ion Ratio Lower Upper

64 100

66 31.3 26.1 39.1

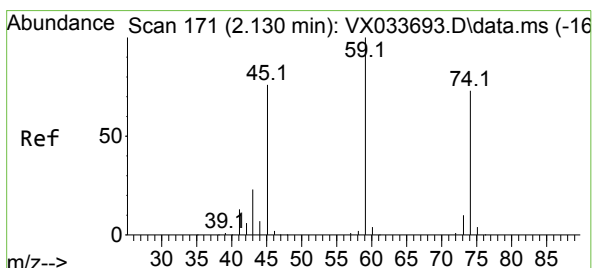
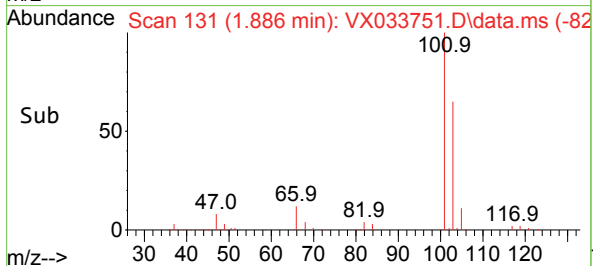
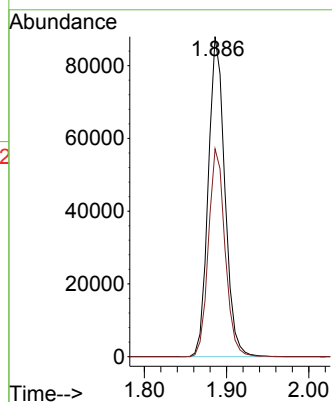
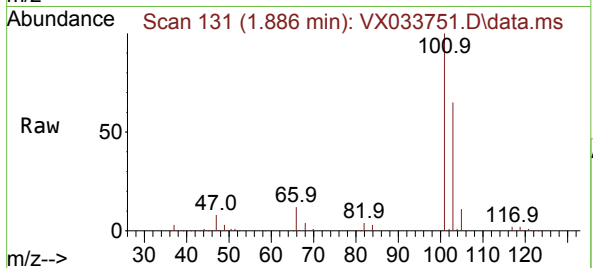




#7
Trichlorofluoromethane
Concen: 51.782 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033751.D
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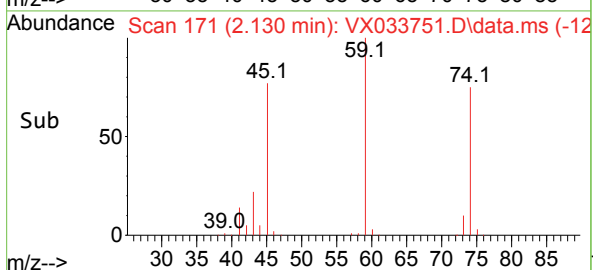
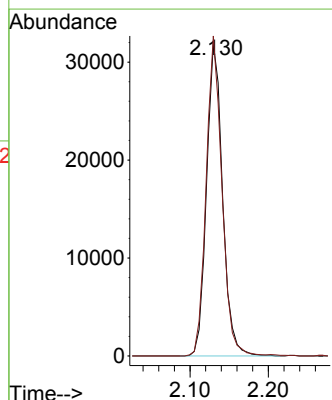
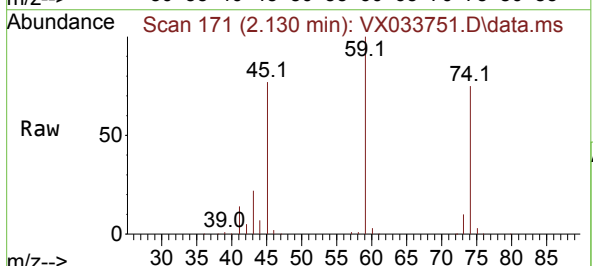
Instrument :
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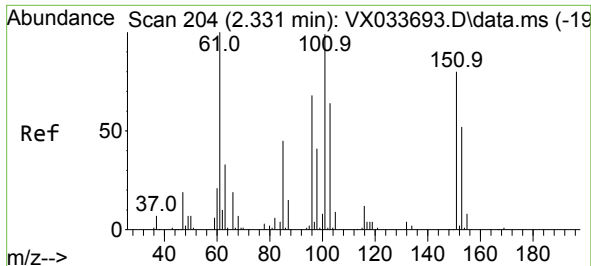
Tgt Ion:101 Resp: 122852
Ion Ratio Lower Upper
101 100
103 64.9 50.6 75.8



#8
Diethyl Ether
Concen: 58.131 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 74 Resp: 45158
Ion Ratio Lower Upper
74 100
45 101.0 51.5 154.5

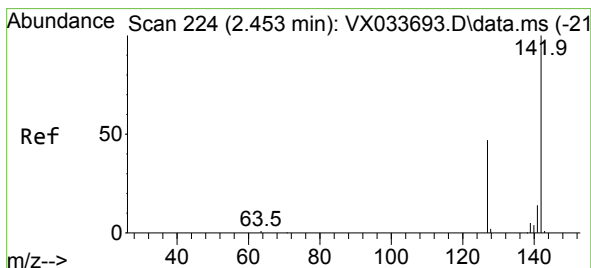
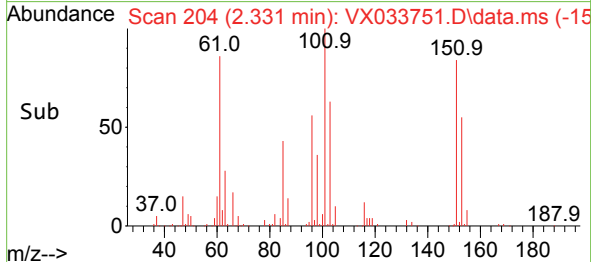
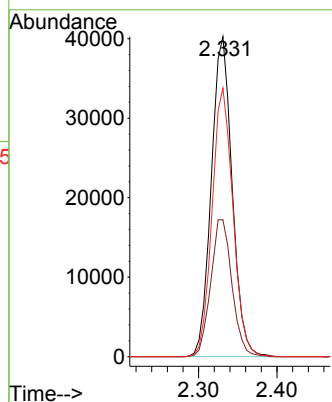
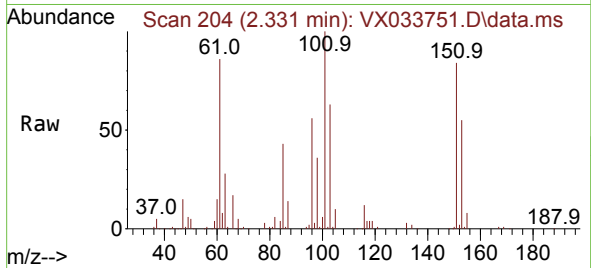




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.360 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033751.D
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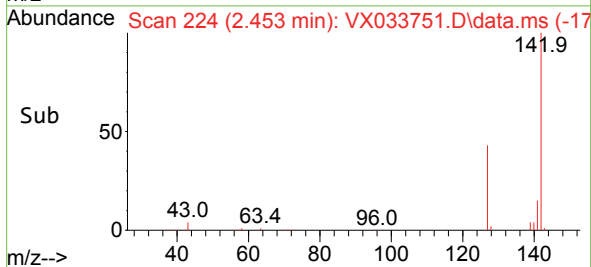
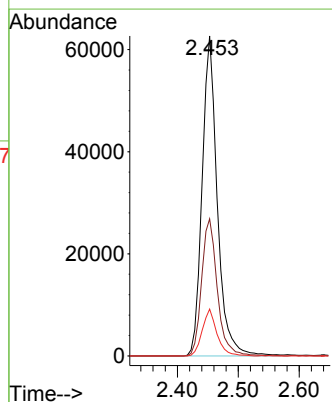
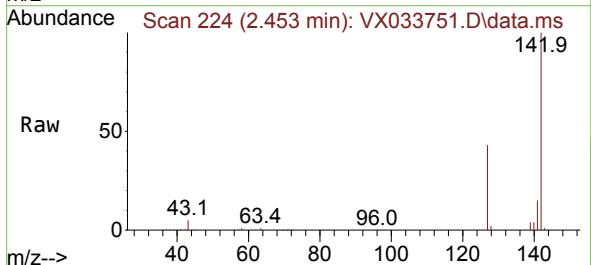
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

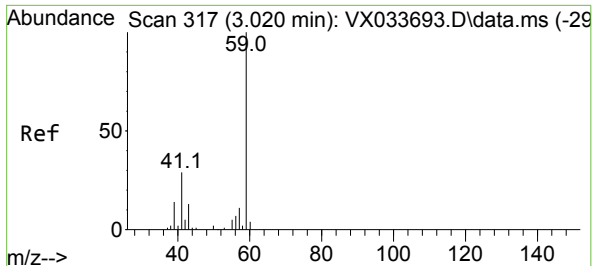
Tgt Ion:101 Resp: 74411
Ion Ratio Lower Upper
101 100
85 43.6 36.7 55.1
151 84.1 66.5 99.7



#10
Methyl Iodide
Concen: 56.679 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion:142 Resp: 108723
Ion Ratio Lower Upper
142 100
127 44.1 37.3 55.9
141 14.2 11.5 17.3

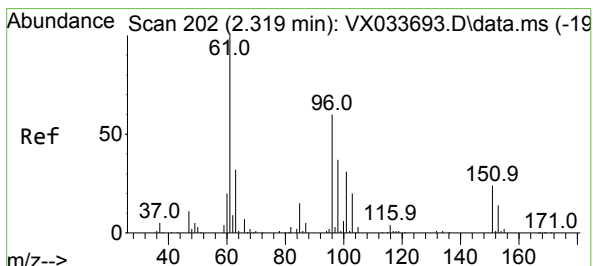
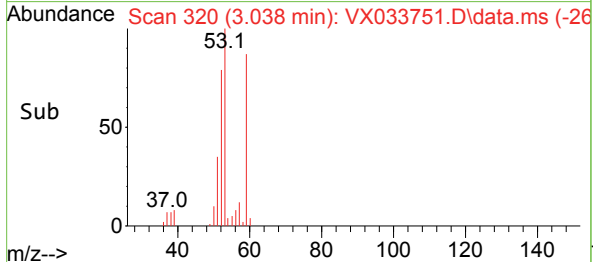
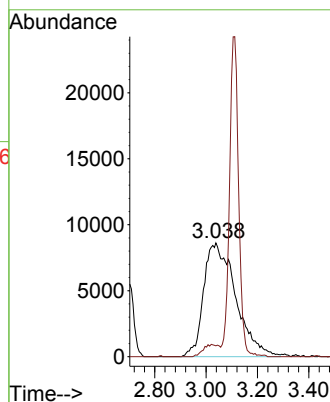
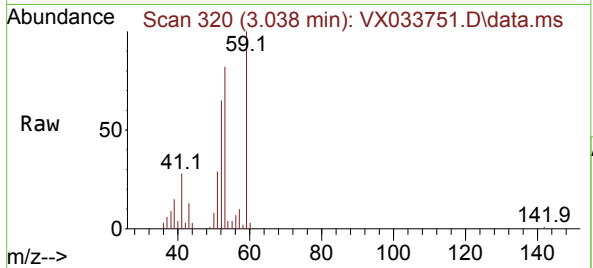




#11
Tert butyl alcohol
Concen: 236.601 ug/l
RT: 3.038 min Scan# 317
Delta R.T. 0.018 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

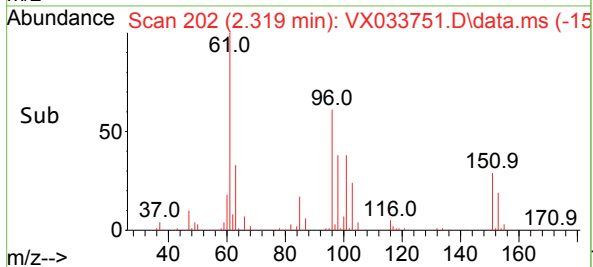
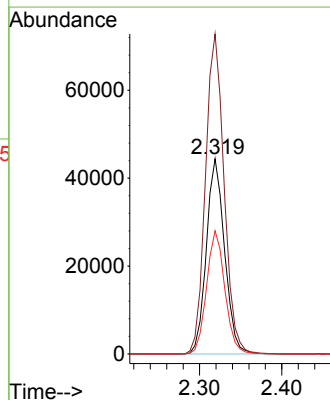
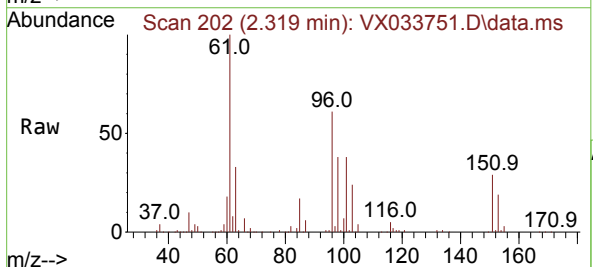
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

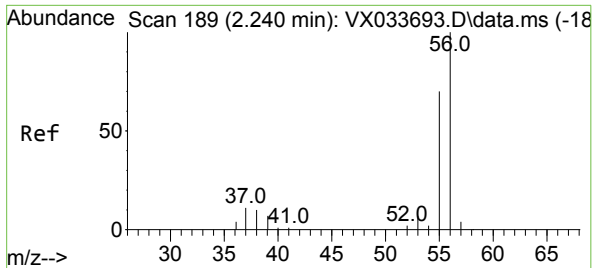
Tgt Ion: 59 Resp: 74738
Ion Ratio Lower Upper
59 100
57 5.4 3.7 5.5



#12
1,1-Dichloroethene
Concen: 48.762 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 96 Resp: 68521
Ion Ratio Lower Upper
96 100
61 163.9 134.2 201.4
98 63.1 50.2 75.2

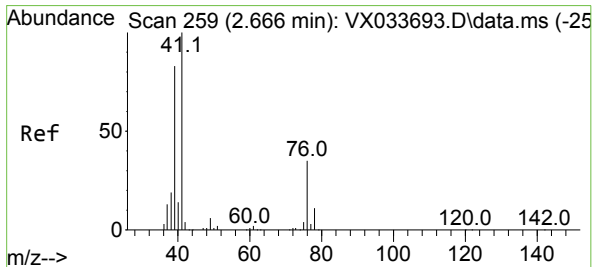
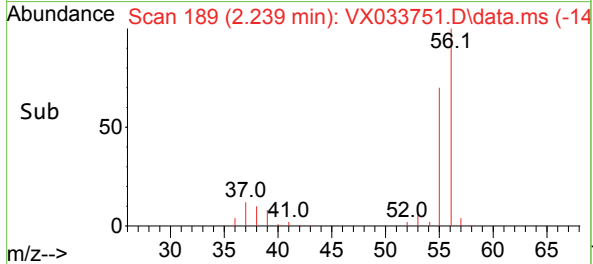
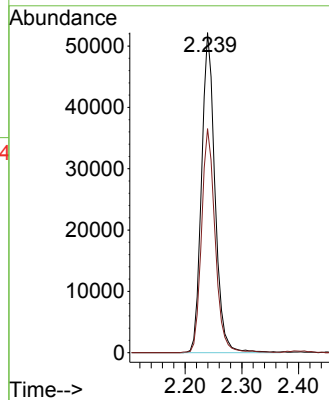
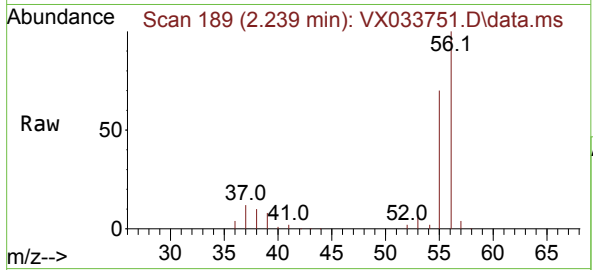




#13
Acrolein
Concen: 294.501 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

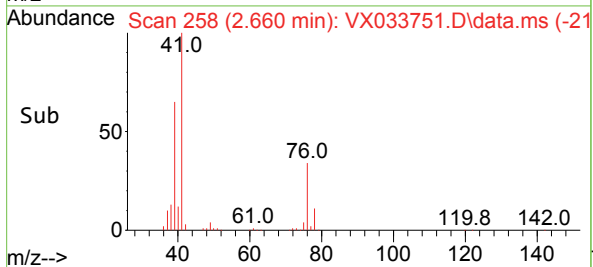
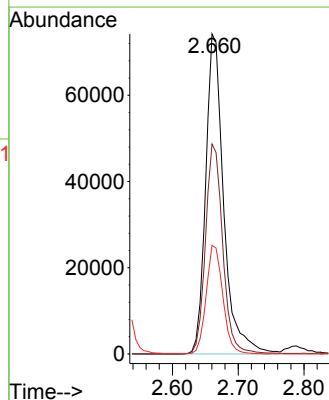
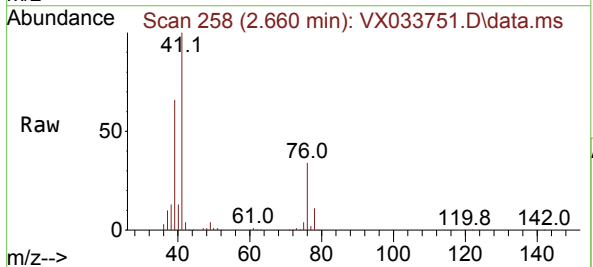
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

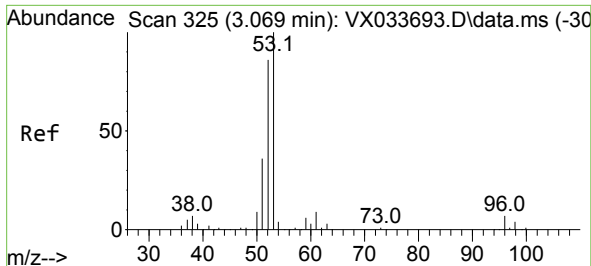
Tgt Ion: 56 Resp: 85833
Ion Ratio Lower Upper
56 100
55 71.1 56.3 84.5



#14
Allyl chloride
Concen: 53.547 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 41 Resp: 141919
Ion Ratio Lower Upper
41 100
39 62.9 59.0 88.4
76 31.4 24.6 37.0

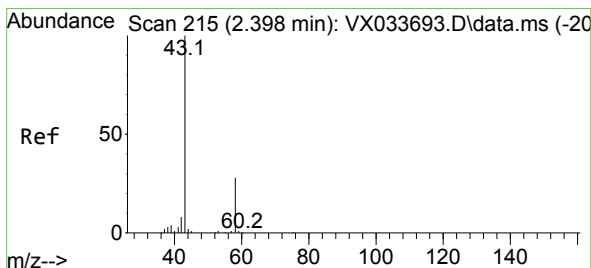
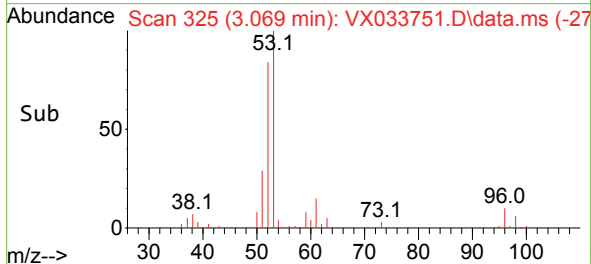
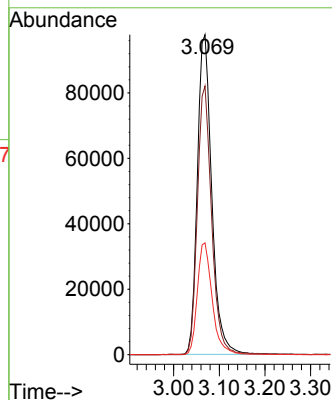
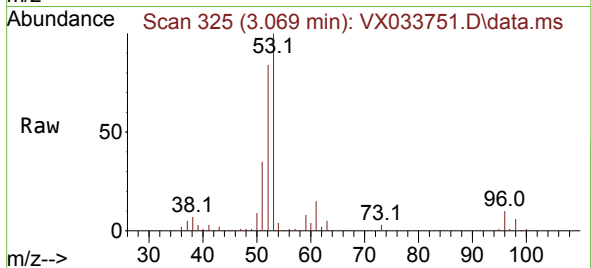




#15
Acrylonitrile
Concen: 257.756 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

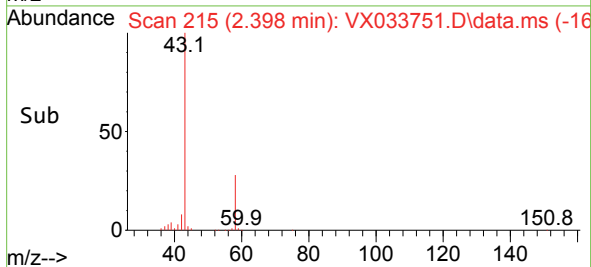
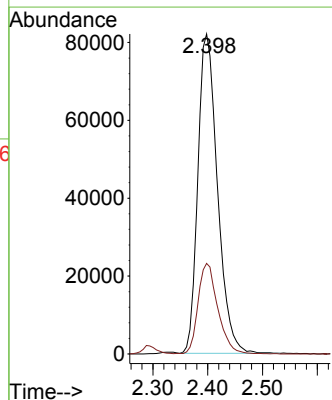
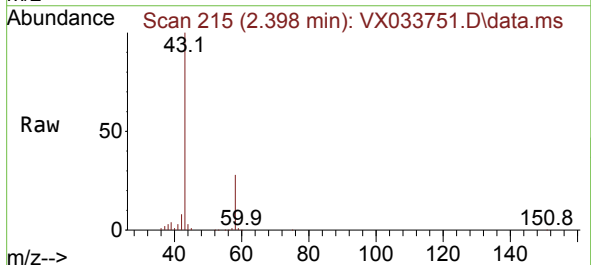
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

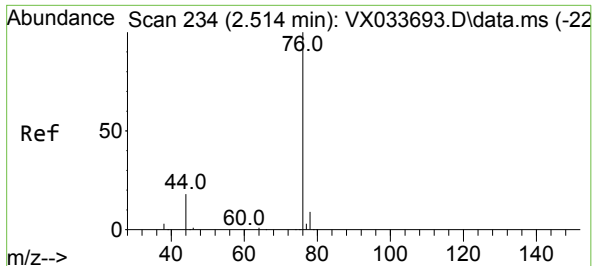
Tgt Ion: 53 Resp: 214281
Ion Ratio Lower Upper
53 100
52 82.7 65.7 98.5
51 35.6 29.0 43.4



#16
Acetone
Concen: 311.856 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 43 Resp: 204055
Ion Ratio Lower Upper
43 100
58 28.3 22.6 33.8

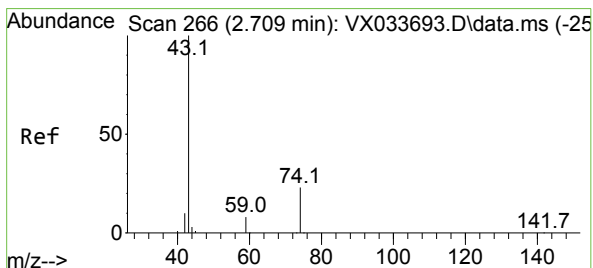
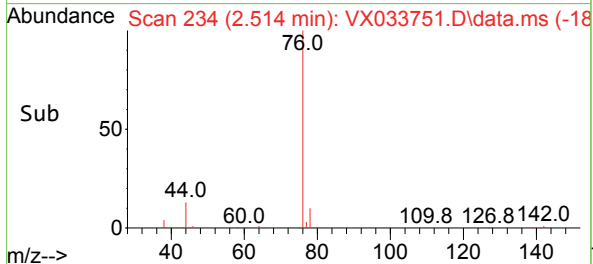
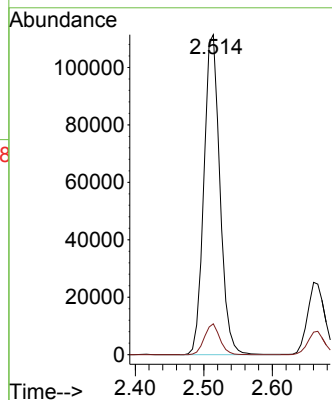
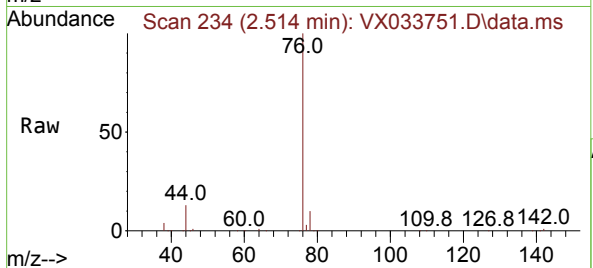




#17
Carbon Disulfide
Concen: 51.029 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

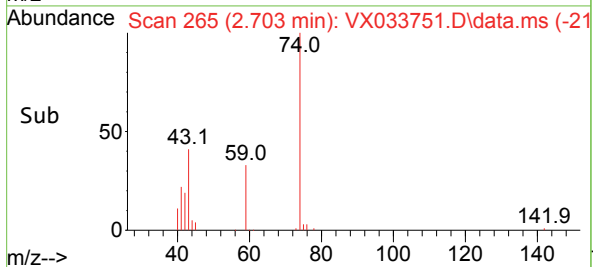
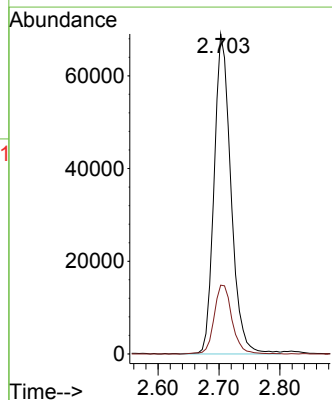
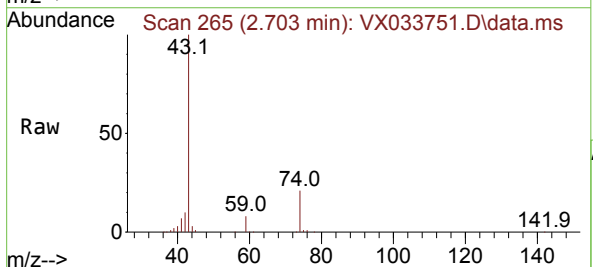
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

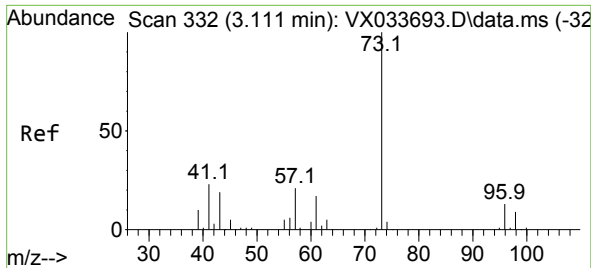
Tgt Ion: 76 Resp: 181608
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 52.259 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 43 Resp: 132616
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.4

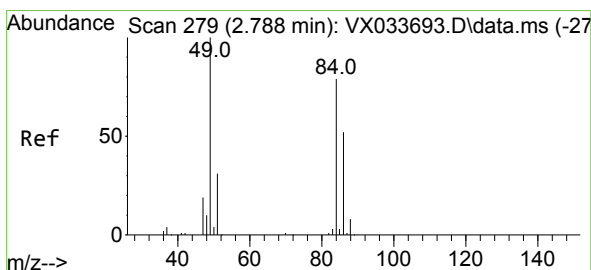
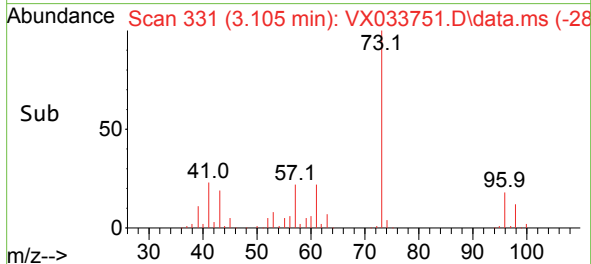
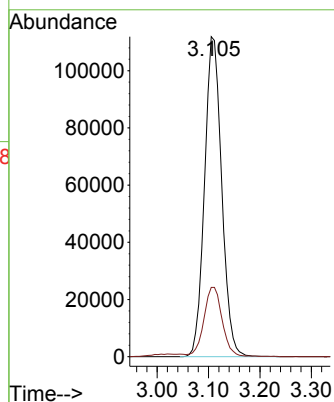
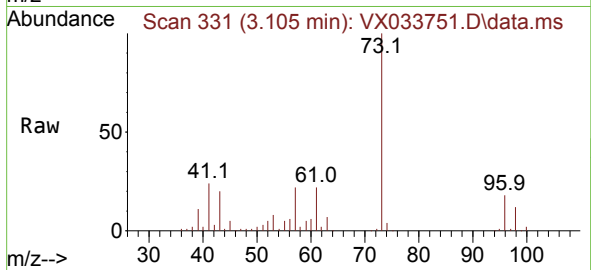




#19
Methyl tert-butyl Ether
Concen: 53.219 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

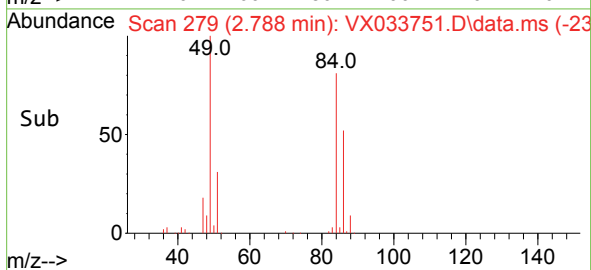
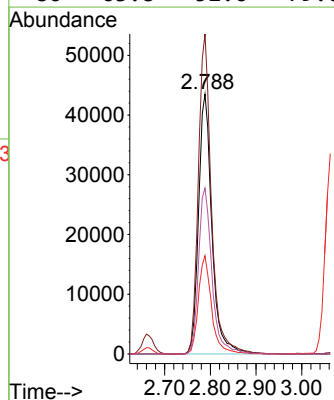
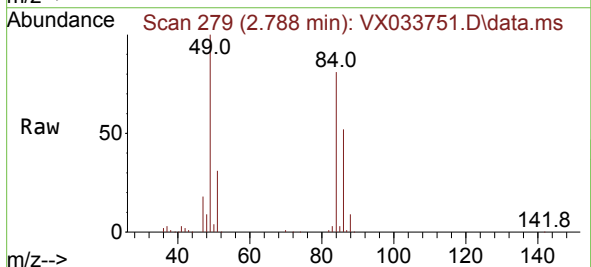
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

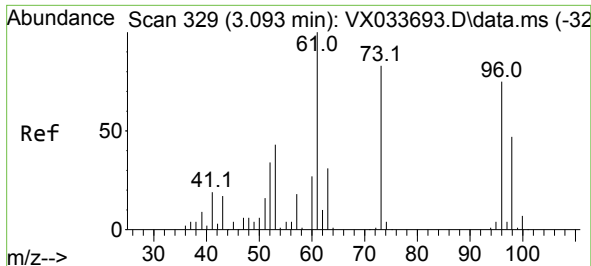
Tgt Ion: 73 Resp: 259738
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 56.239 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 84 Resp: 88422
Ion Ratio Lower Upper
84 100
49 123.1 101.1 151.7
51 37.8 31.0 46.6
86 63.8 52.6 79.0

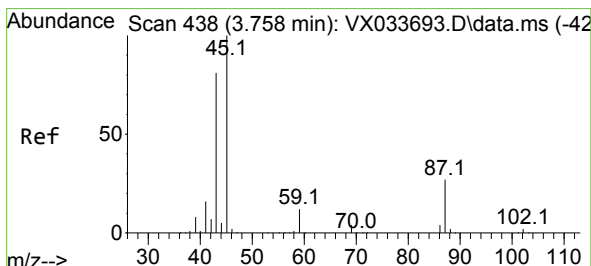
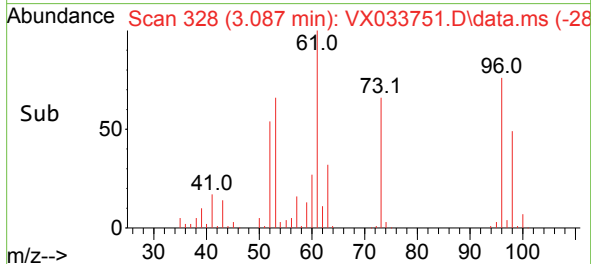
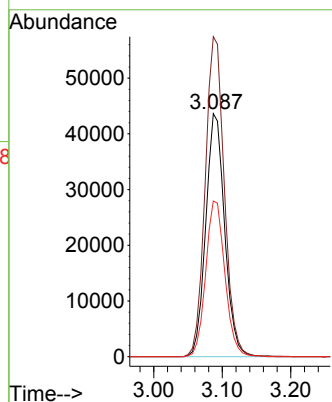
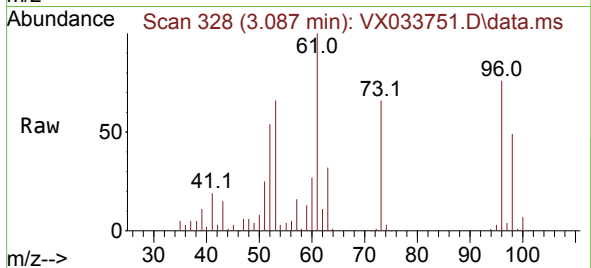




#21
trans-1,2-Dichloroethene
Concen: 51.019 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

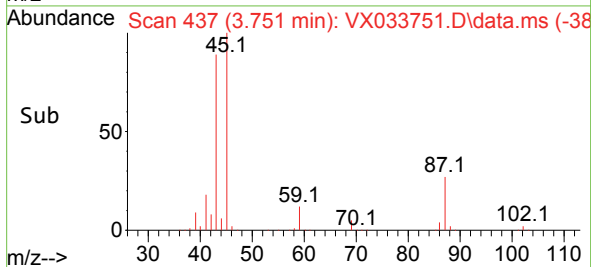
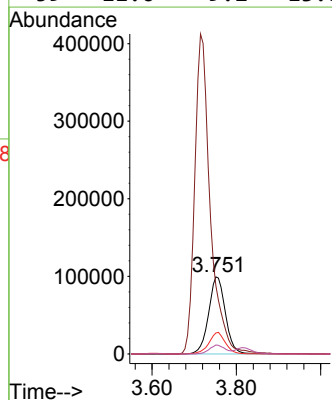
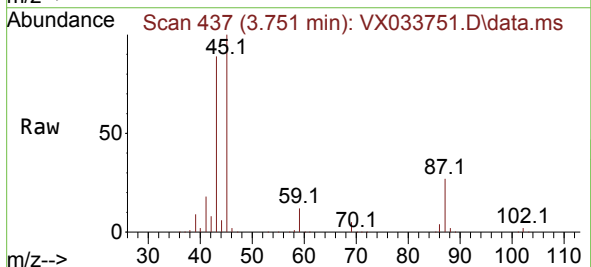
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

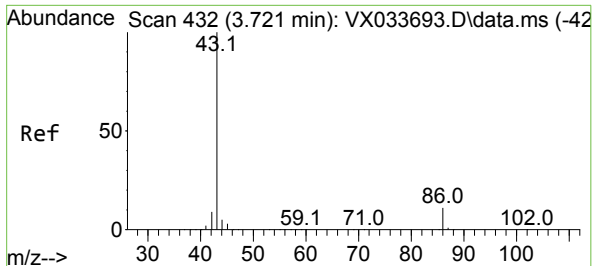
Tgt Ion: 96 Resp: 83811
Ion Ratio Lower Upper
96 100
61 131.7 106.7 160.1
98 64.0 50.0 75.0



#22
Diisopropyl ether
Concen: 51.615 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 45 Resp: 275238
Ion Ratio Lower Upper
45 100
43 88.3 64.6 97.0
87 27.1 21.9 32.9
59 11.6 9.2 13.8

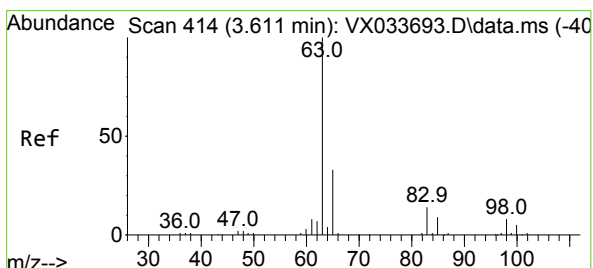
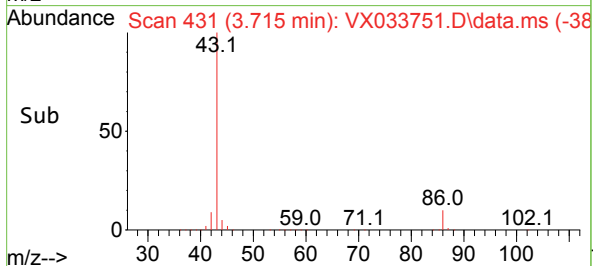
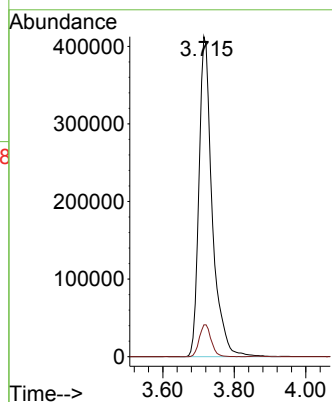
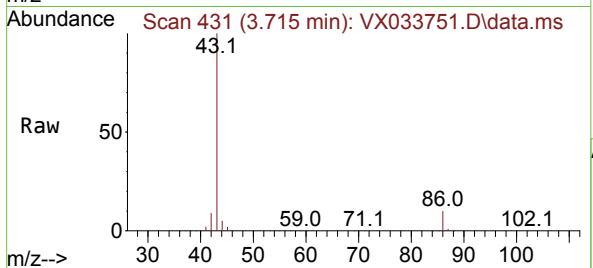




#23
 Vinyl Acetate
 Concen: 264.048 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX033751.D
 Acq: 16 Jan 2023 16:50

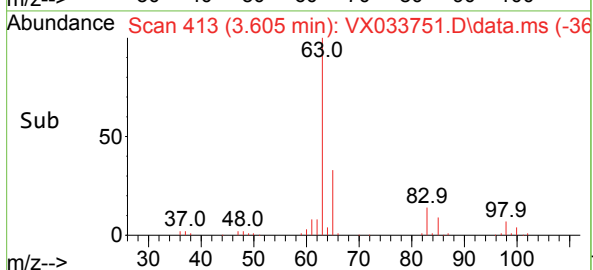
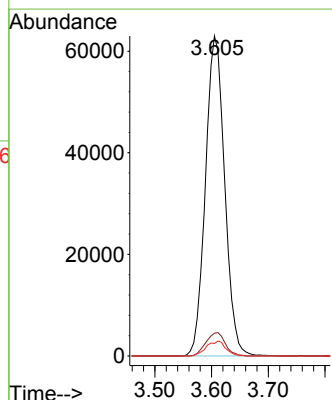
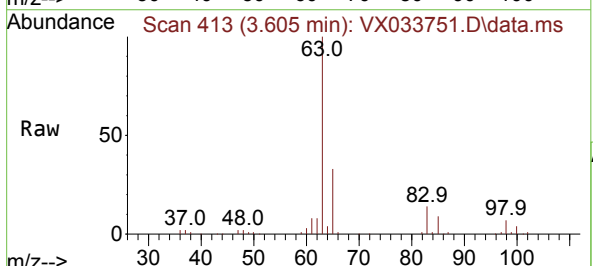
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

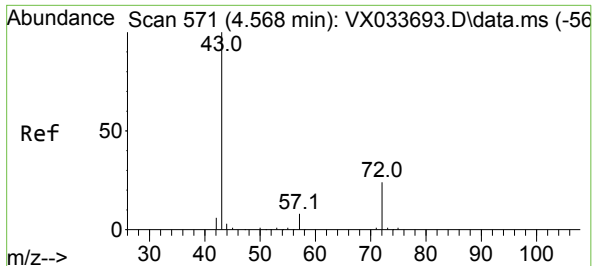
Tgt Ion: 43 Resp: 1059969
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 50.848 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033751.D
 Acq: 16 Jan 2023 16:50

Tgt Ion: 63 Resp: 148349
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 3.9 2.4 7.2





#25

2-Butanone

Concen: 242.906 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

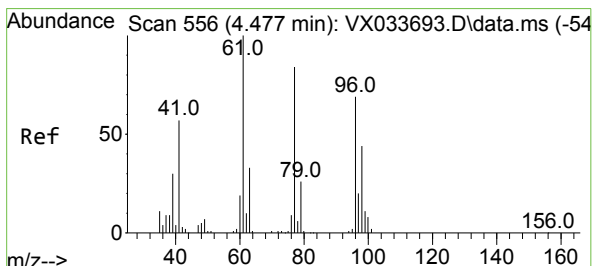
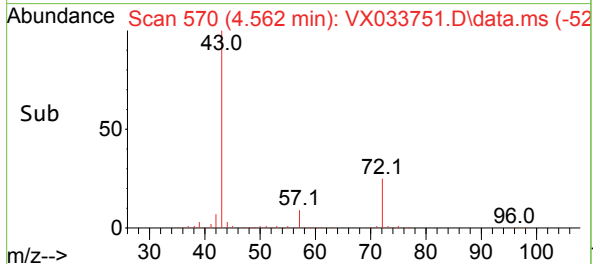
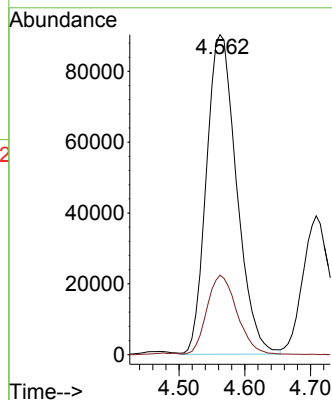
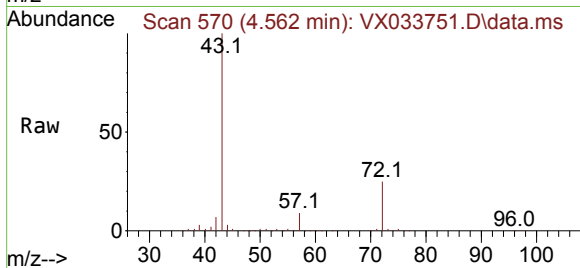
VSTDCCC050EC

Tgt Ion: 43 Resp: 288593

Ion Ratio Lower Upper

43 100

72 24.8 19.4 29.2



#26

2,2-Dichloropropane

Concen: 49.128 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX033751.D

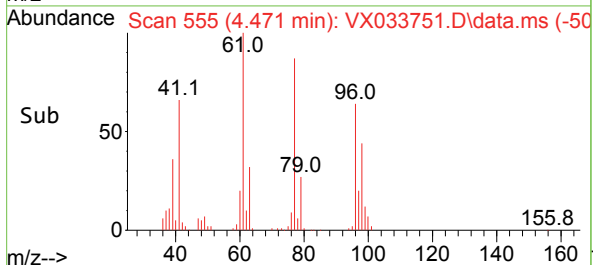
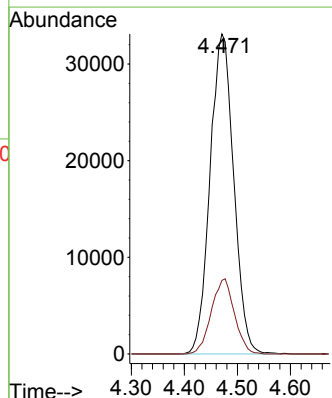
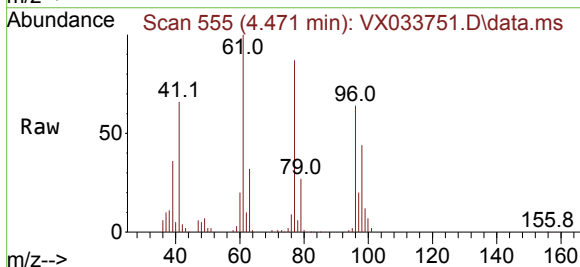
Acq: 16 Jan 2023 16:50

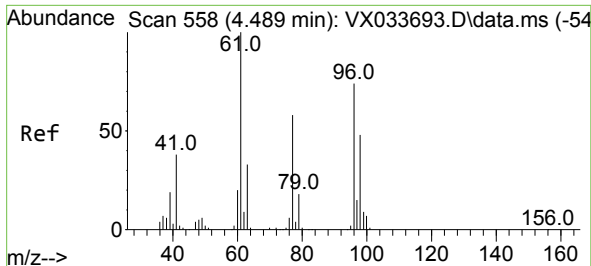
Tgt Ion: 77 Resp: 102668

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 45.682 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

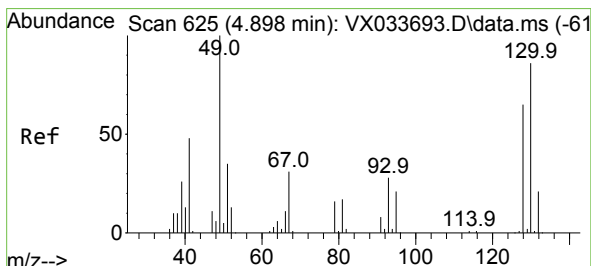
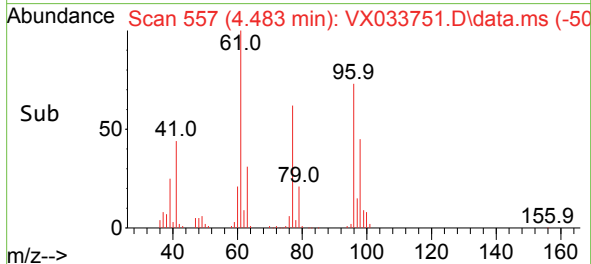
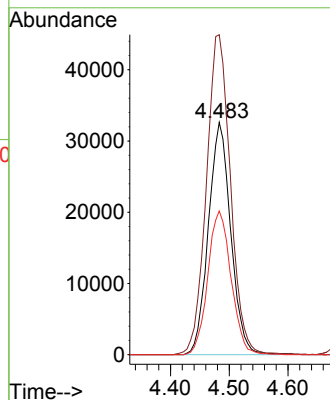
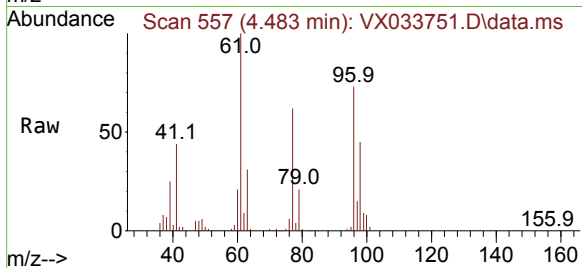
Tgt Ion: 96 Resp: 86275

Ion Ratio Lower Upper

96 100

61 148.2 0.0 277.6

98 64.4 0.0 128.0



#28

Bromochloromethane

Concen: 49.275 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

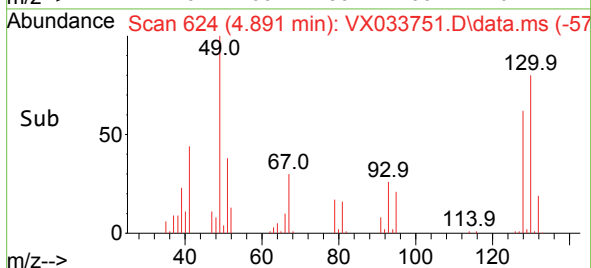
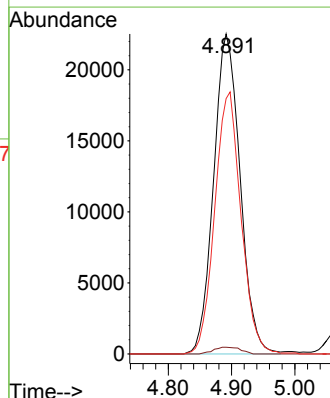
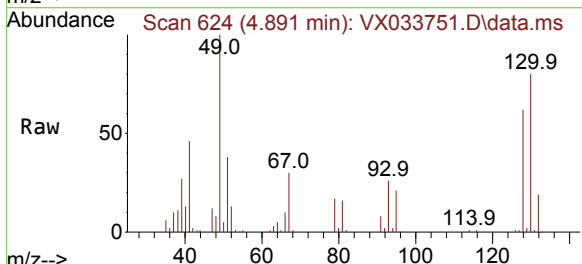
Tgt Ion: 49 Resp: 65484

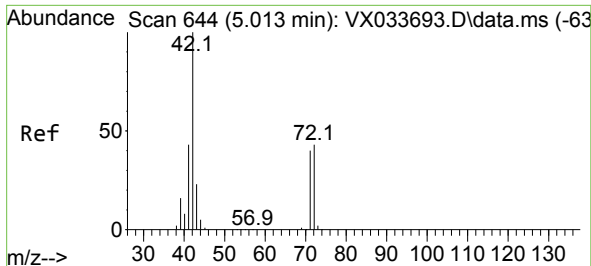
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 81.3 68.5 102.7





#29

Tetrahydrofuran

Concen: 248.216 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

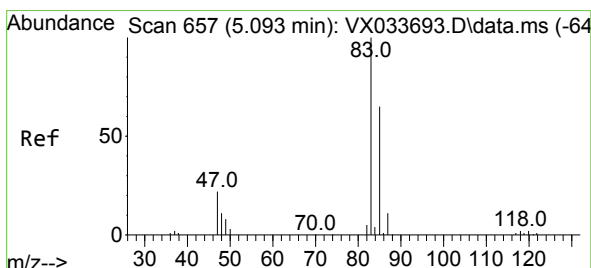
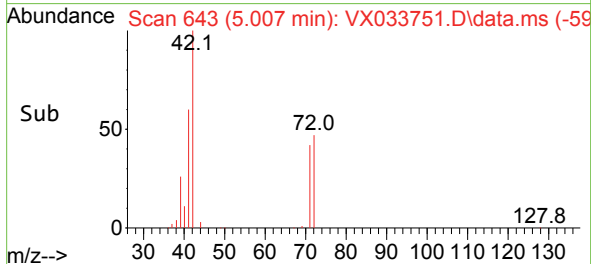
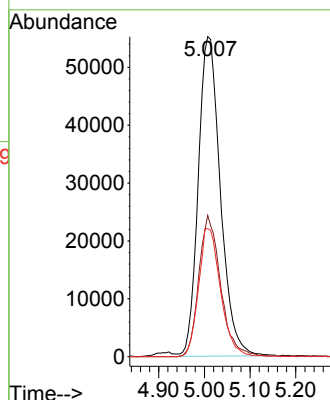
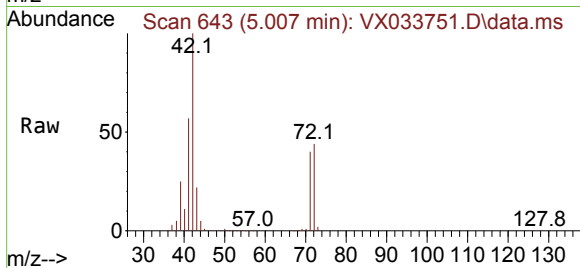
Tgt Ion: 42 Resp: 185866

Ion Ratio Lower Upper

42 100

72 43.5 34.8 52.2

71 40.1 32.2 48.2



#30

Chloroform

Concen: 51.485 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX033751.D

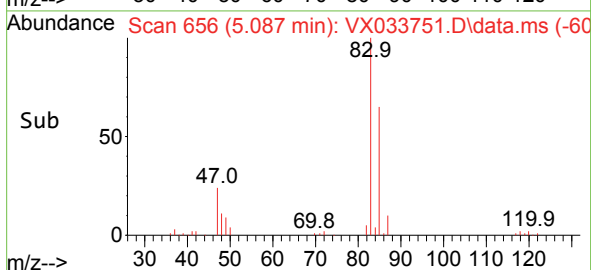
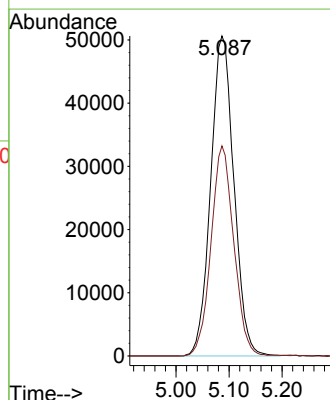
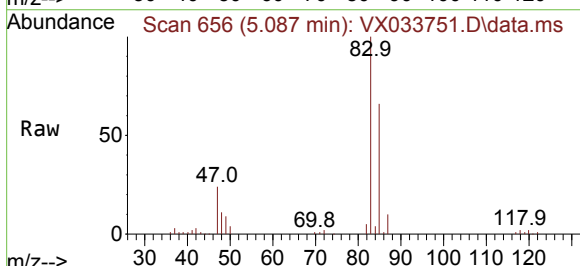
Acq: 16 Jan 2023 16:50

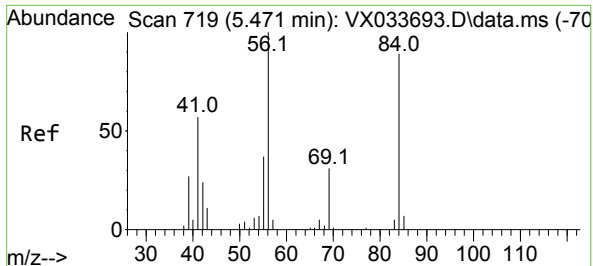
Tgt Ion: 83 Resp: 153846

Ion Ratio Lower Upper

83 100

85 65.7 52.1 78.1





#31

Cyclohexane

Concen: 50.747 ug/l

RT: 5.465 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

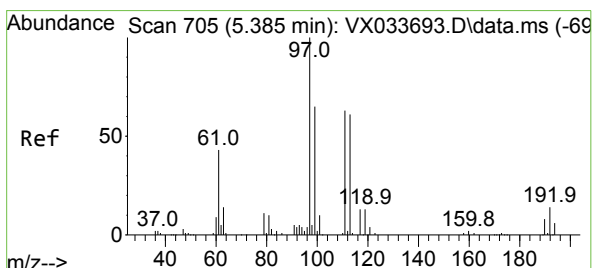
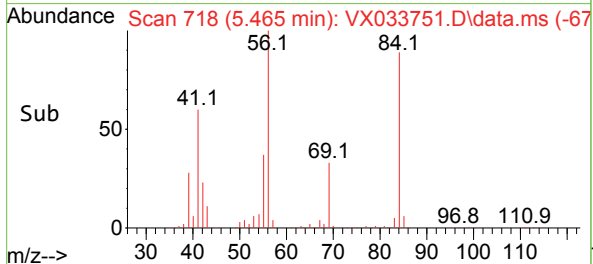
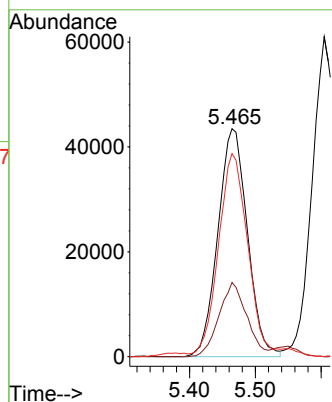
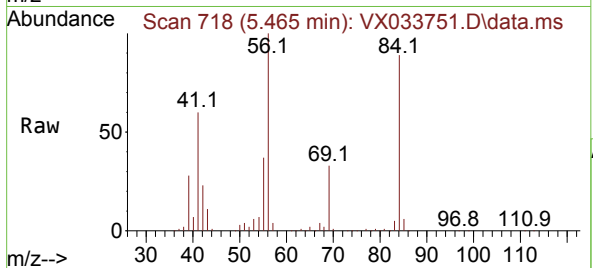
Tgt Ion: 56 Resp: 135785

Ion Ratio Lower Upper

56 100

69 32.5 24.6 37.0

84 87.7 71.0 106.6



#32

1,1,1-Trichloroethane

Concen: 50.641 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

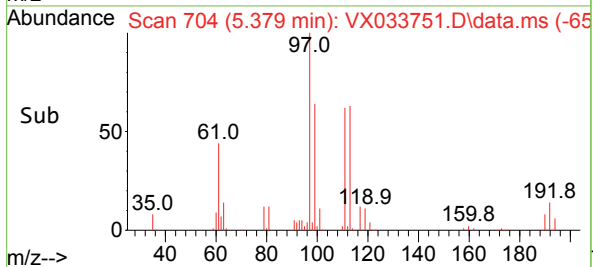
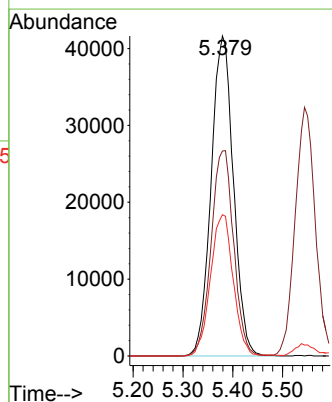
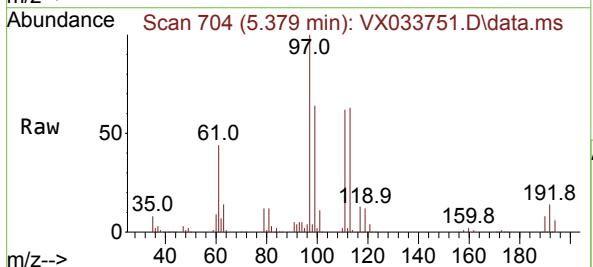
Tgt Ion: 97 Resp: 129197

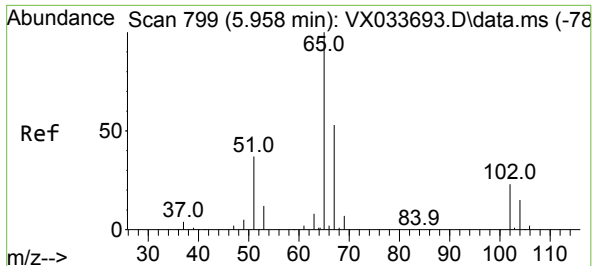
Ion Ratio Lower Upper

97 100

99 65.0 52.3 78.5

61 45.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.586 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

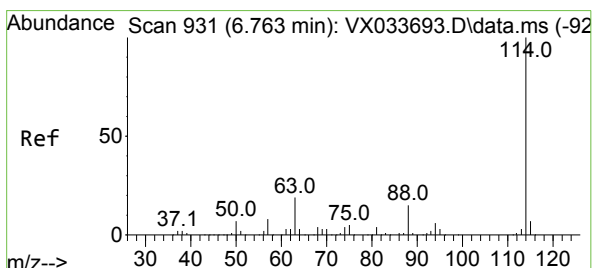
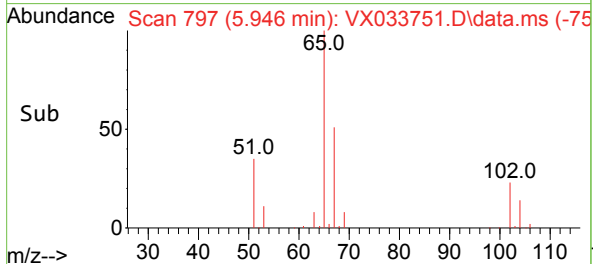
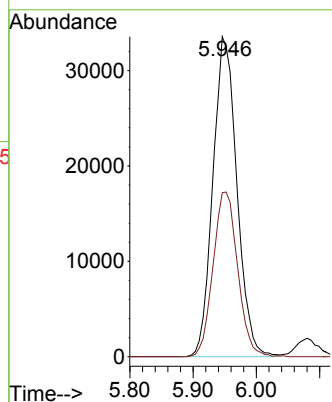
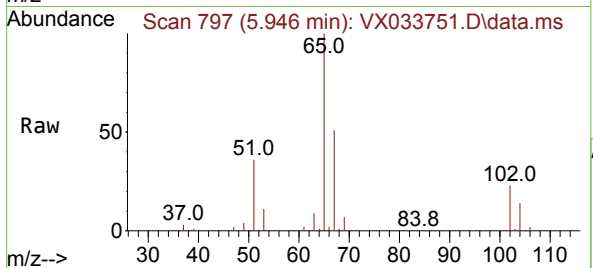
VSTDCCC050EC

Tgt Ion: 65 Resp: 88347

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

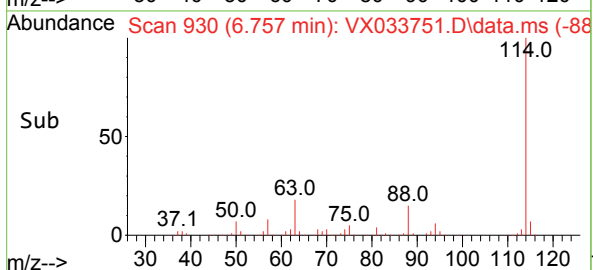
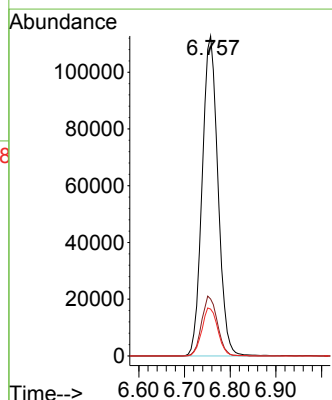
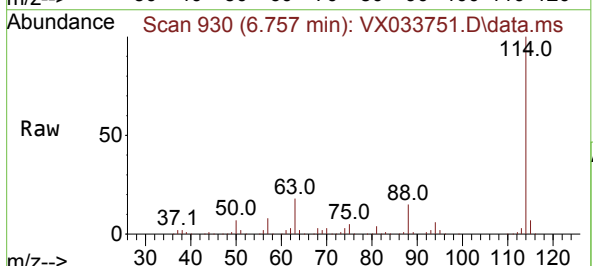
Tgt Ion: 114 Resp: 269926

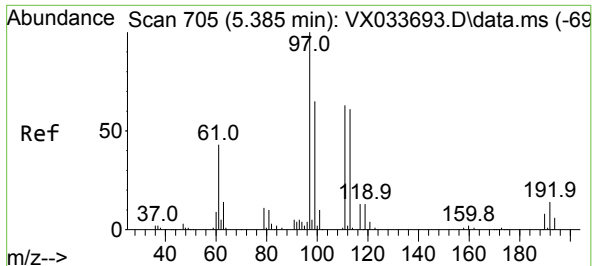
Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.4

88 14.7 0.0 30.6

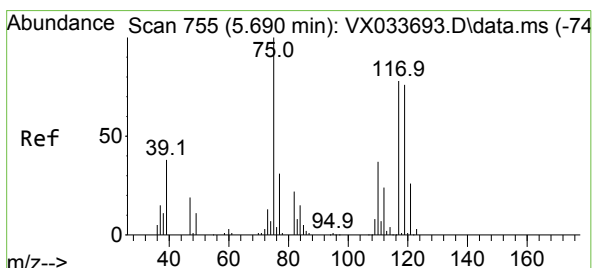
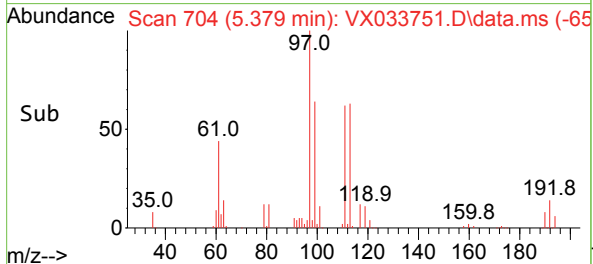
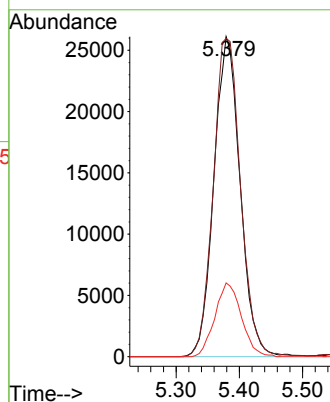
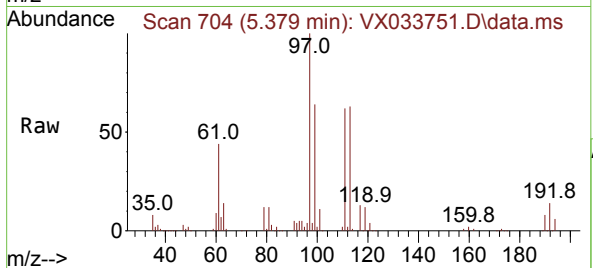




#35
Dibromofluoromethane
Concen: 44.611 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

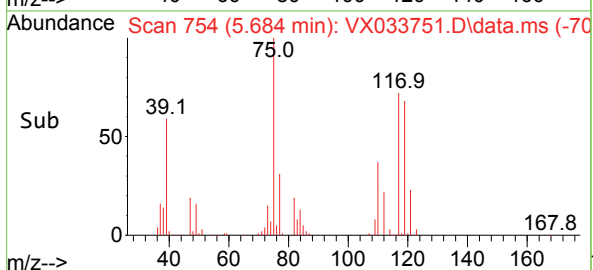
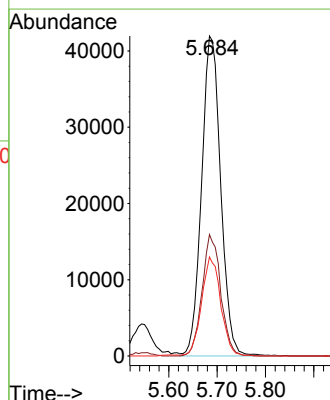
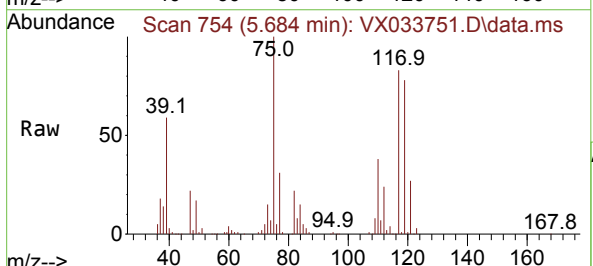
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

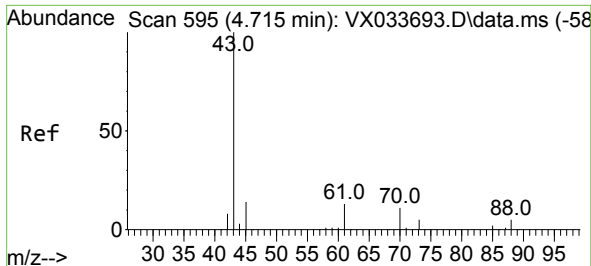
Tgt Ion:113 Resp: 74773
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.6
192 23.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 47.191 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 75 Resp: 115437
Ion Ratio Lower Upper
75 100
110 37.0 18.8 56.4
77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 50.323 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

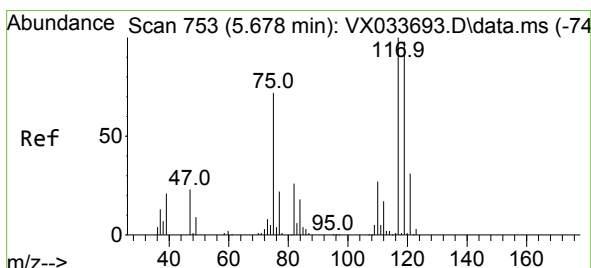
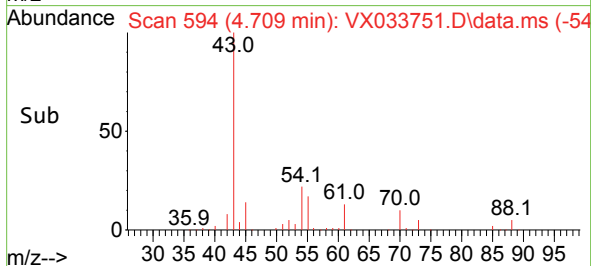
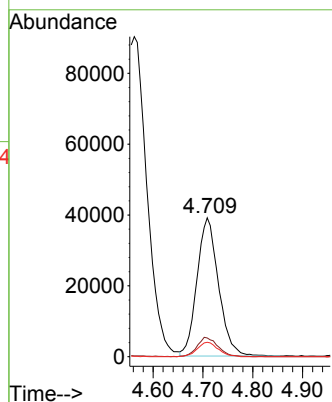
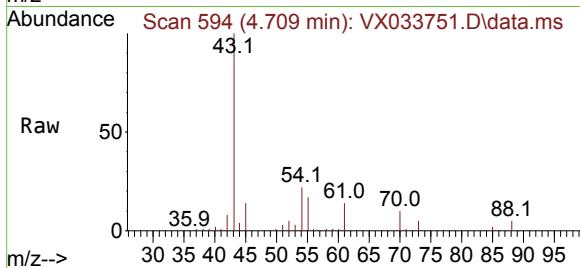
Tgt Ion: 43 Resp: 117416

Ion Ratio Lower Upper

43 100

61 13.6 11.1 16.7

70 10.1 8.5 12.7



#38

Carbon Tetrachloride

Concen: 46.756 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

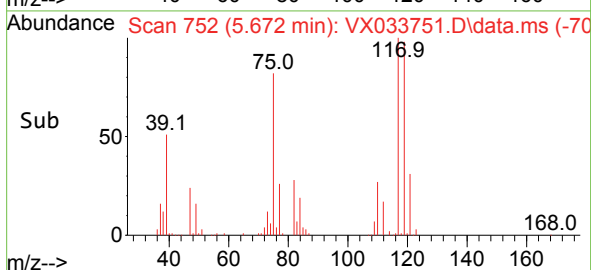
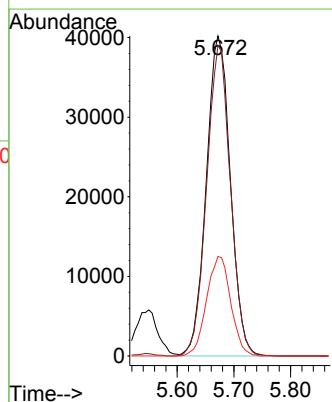
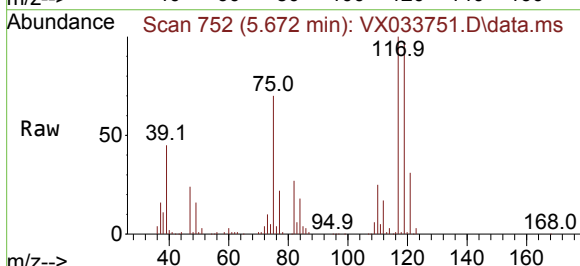
Tgt Ion: 117 Resp: 118458

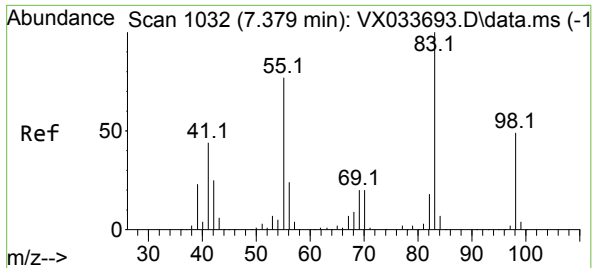
Ion Ratio Lower Upper

117 100

119 97.0 78.0 117.0

121 31.1 24.4 36.6





#39

Methylcyclohexane

Concen: 49.789 ug/l

RT: 7.373 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

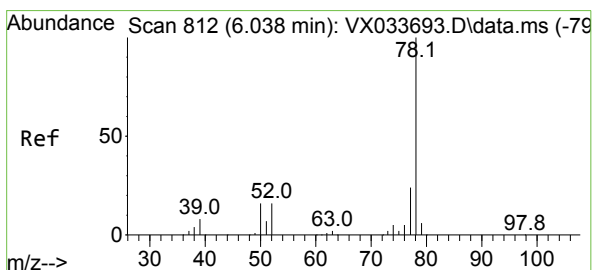
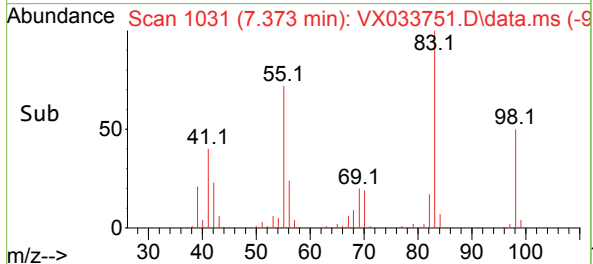
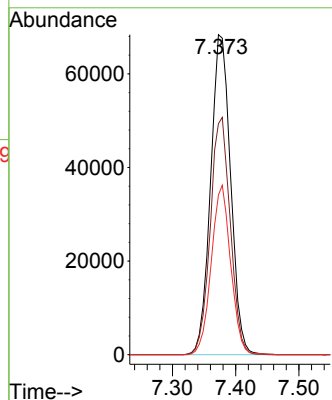
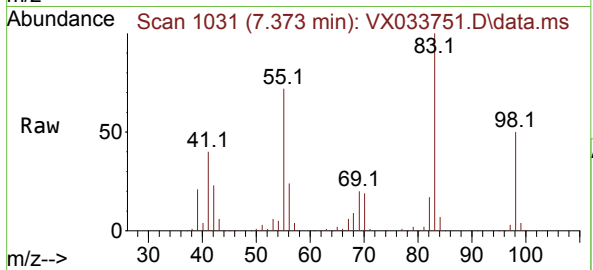
Tgt Ion: 83 Resp: 150405

Ion Ratio Lower Upper

83 100

55 72.2 61.8 92.6

98 49.9 39.3 58.9



#40

Benzene

Concen: 47.774 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX033751.D

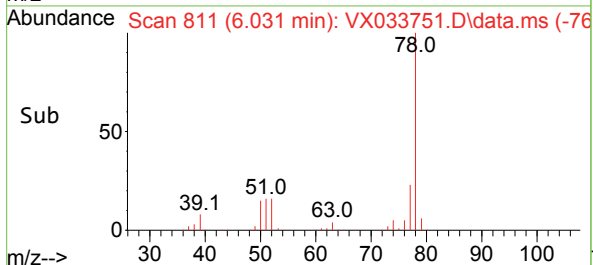
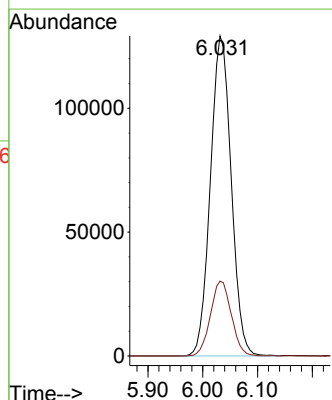
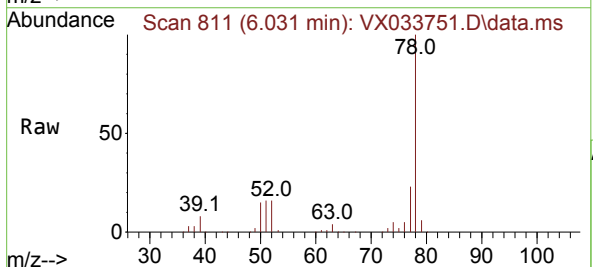
Acq: 16 Jan 2023 16:50

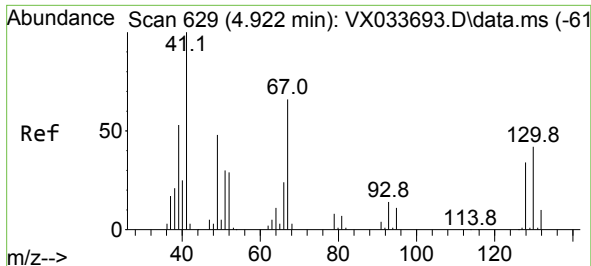
Tgt Ion: 78 Resp: 340628

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4

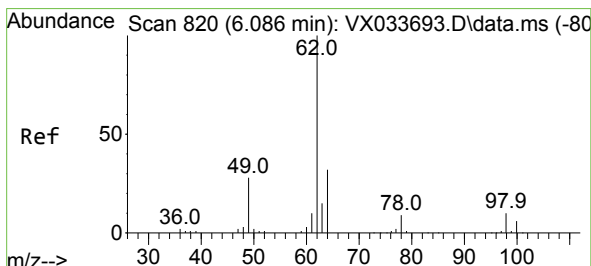
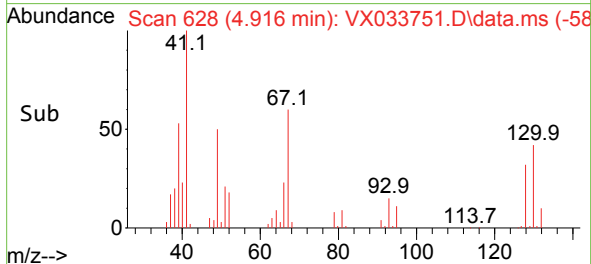
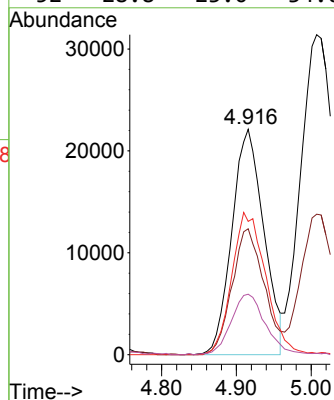
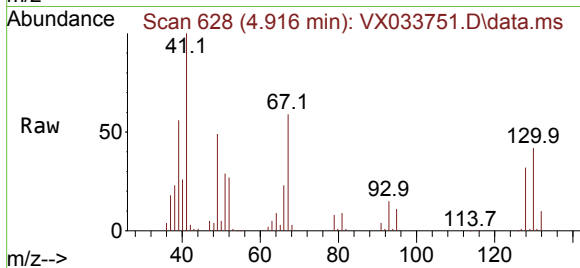




#41
Methacrylonitrile
Concen: 48.666 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

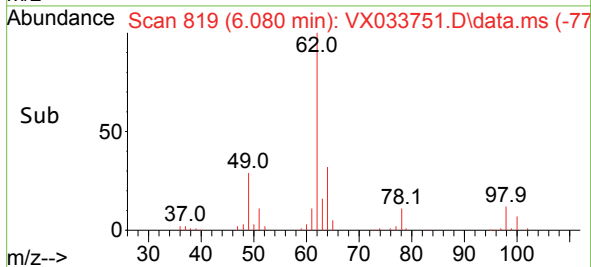
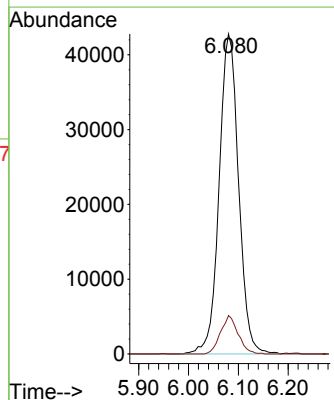
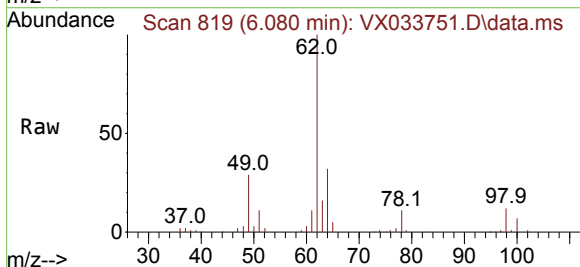
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

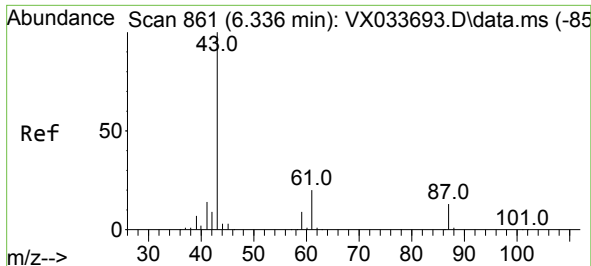
Tgt Ion: 41	Resp: 65602
Ion Ratio	Lower Upper
41 100	
39 56.9	43.8 65.6
67 66.9	54.8 82.2
52 28.8	23.0 34.6



#42
1,2-Dichloroethane
Concen: 45.901 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 62	Resp: 115982
Ion Ratio	Lower Upper
62 100	
98 10.8	0.0 20.2

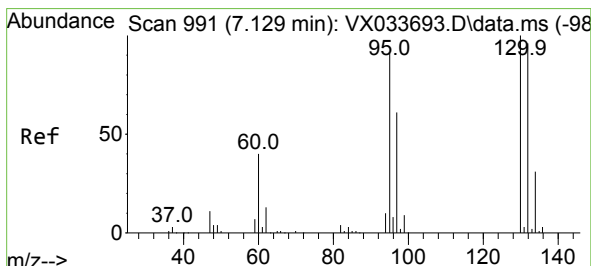
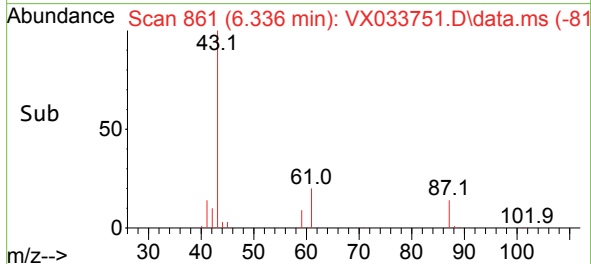
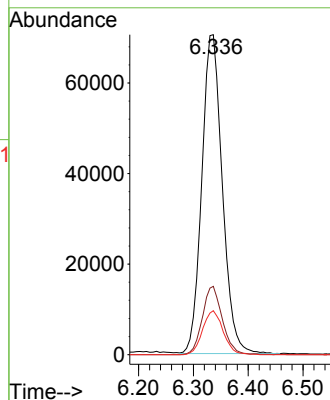
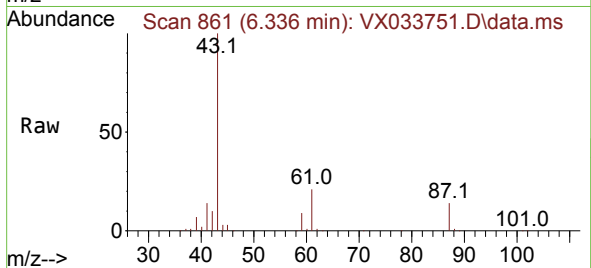




#43
Isopropyl Acetate
Concen: 47.425 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

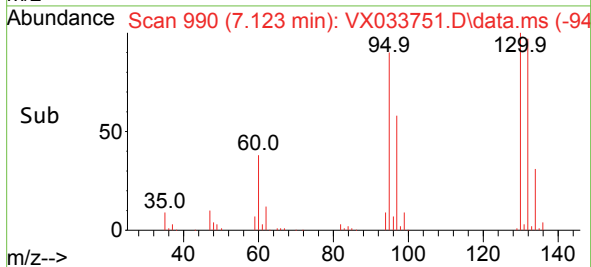
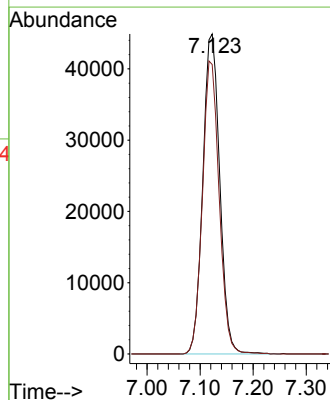
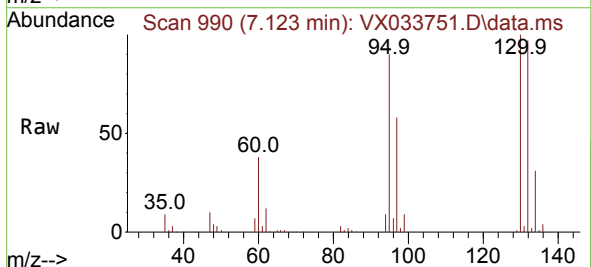
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

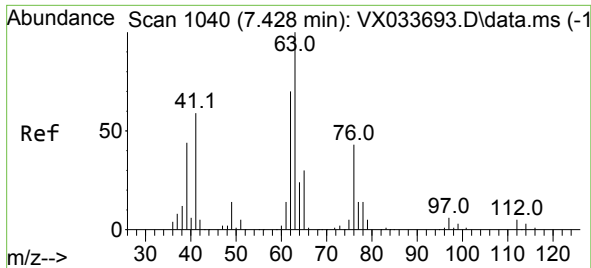
Tgt Ion: 43 Resp: 183146
Ion Ratio Lower Upper
43 100
61 20.8 15.7 23.5
87 13.8 10.6 15.8



#44
Trichloroethene
Concen: 49.904 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion:130 Resp: 99500
Ion Ratio Lower Upper
130 100
95 90.5 0.0 182.6

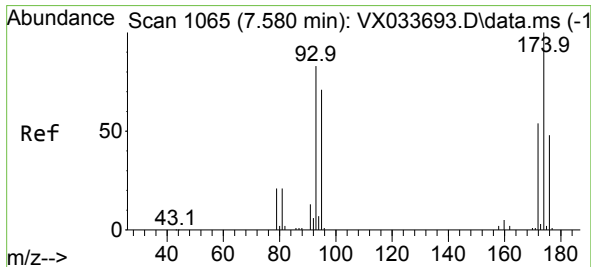
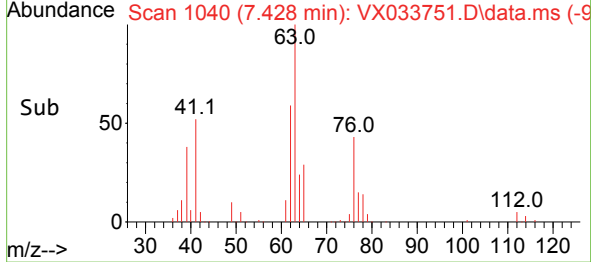
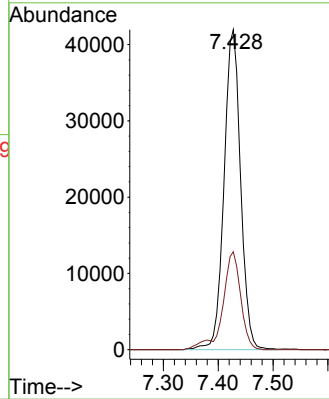
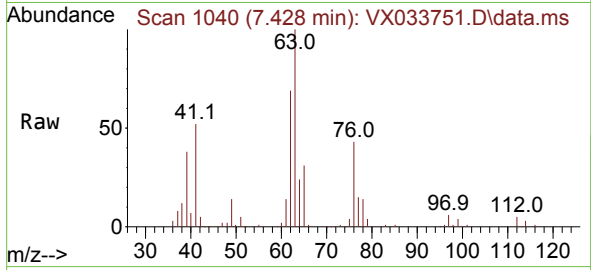




#45
1,2-Dichloropropane
Concen: 49.373 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

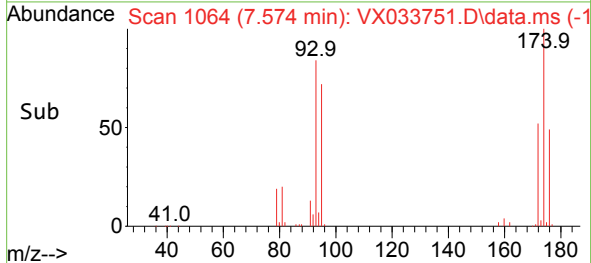
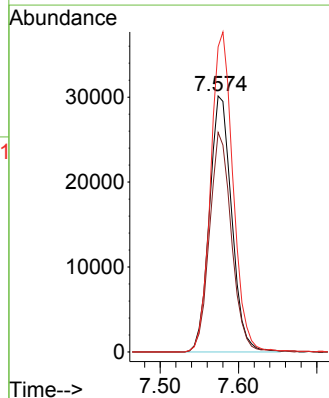
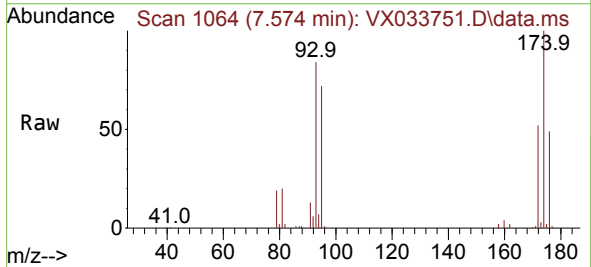
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

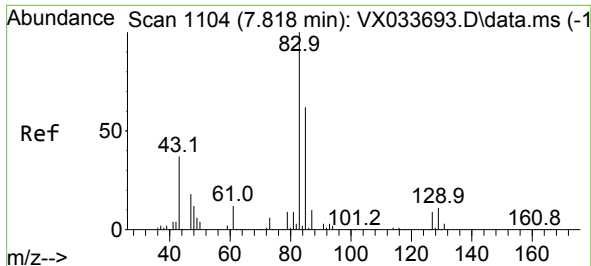
Tgt Ion: 63 Resp: 88186
Ion Ratio Lower Upper
63 100
65 30.6 24.2 36.2



#46
Dibromomethane
Concen: 47.720 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 93 Resp: 59534
Ion Ratio Lower Upper
93 100
95 84.2 67.6 101.4
174 125.4 97.4 146.0

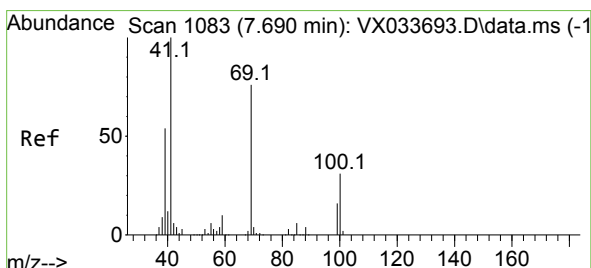
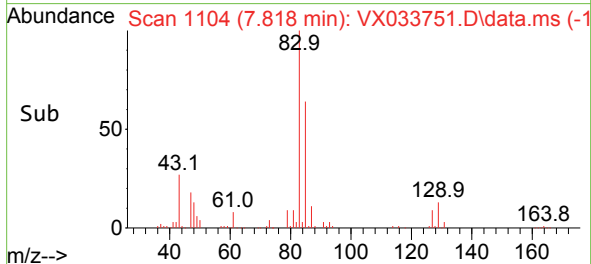
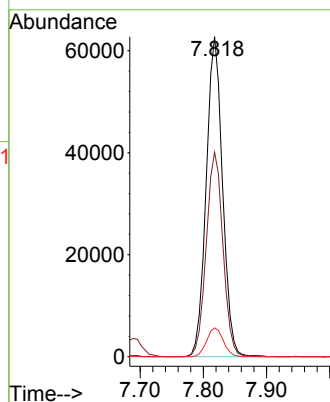
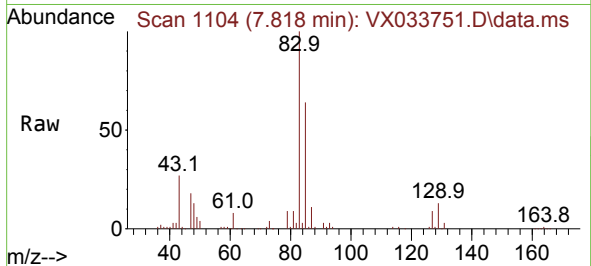




#47
Bromodichloromethane
Concen: 46.851 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

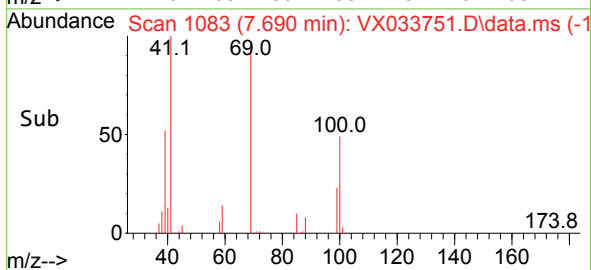
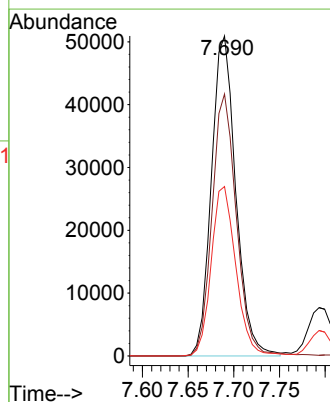
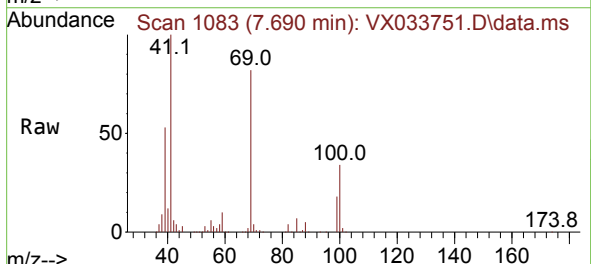
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

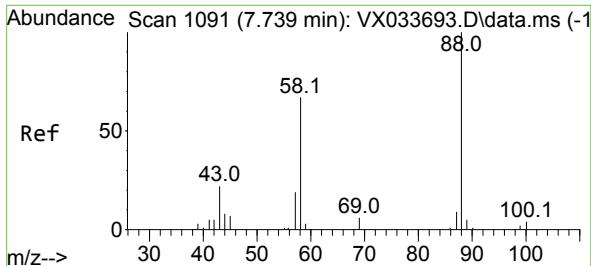
Tgt Ion: 83 Resp: 112645
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 9.0 7.0 10.4



#48
Methyl methacrylate
Concen: 48.591 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 41 Resp: 94524
Ion Ratio Lower Upper
41 100
69 81.8 63.1 94.7
39 53.6 43.2 64.8

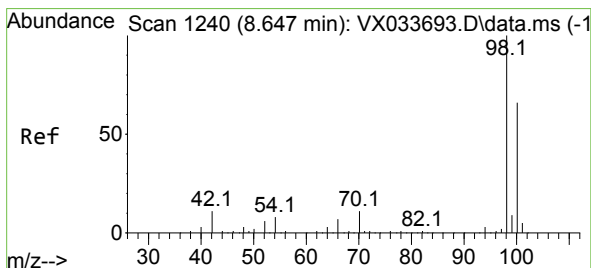
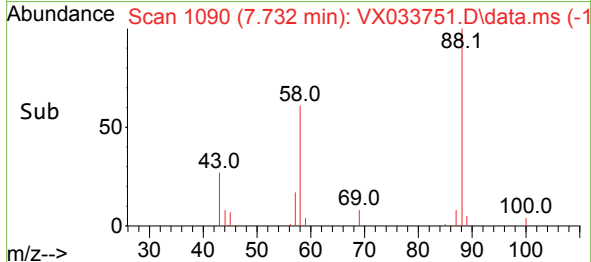
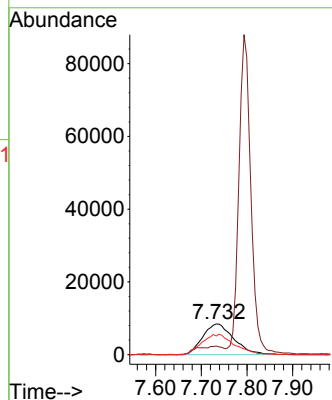
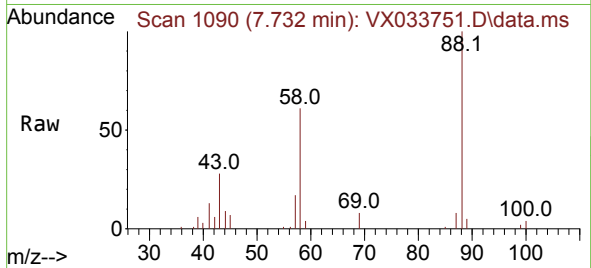




#49
1,4-Dioxane
Concen: 930.329 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

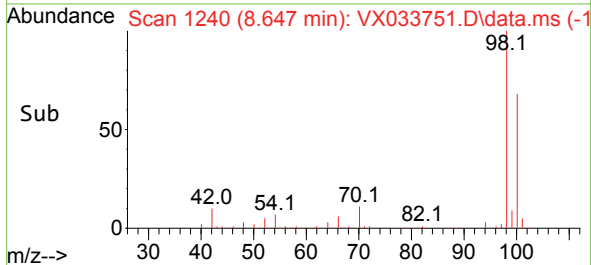
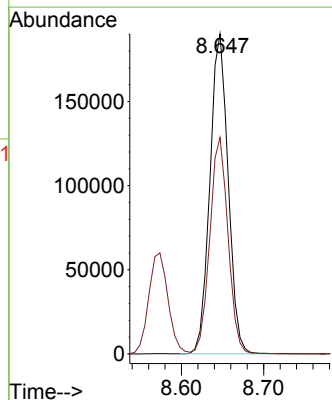
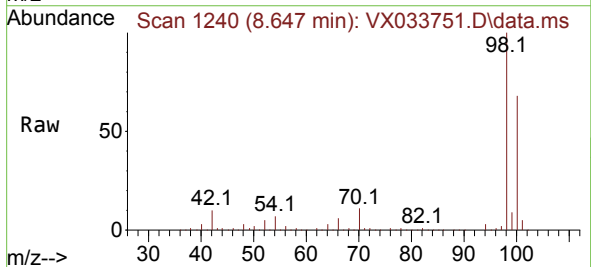
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

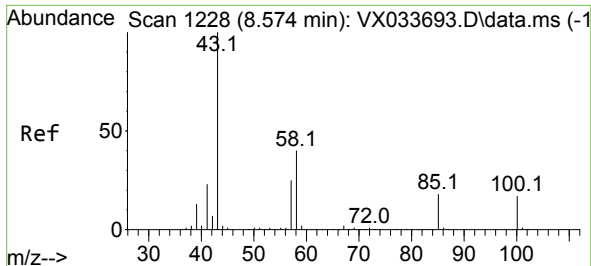
Tgt Ion: 88 Resp: 40032
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 69.4 56.5 84.7



#50
Toluene-d8
Concen: 47.924 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 98 Resp: 292669
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4

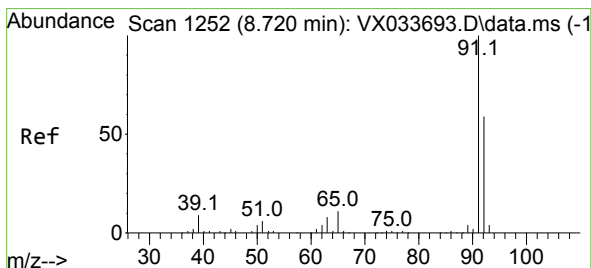
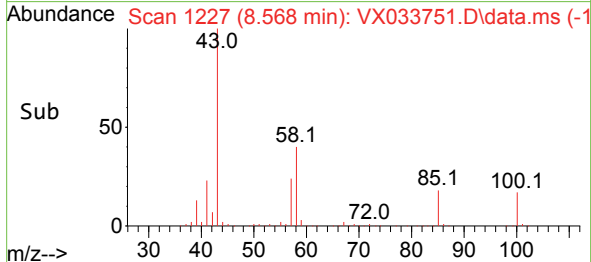
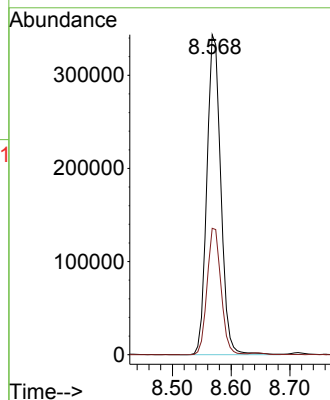
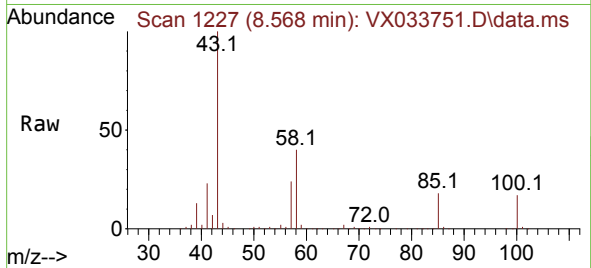




#51
4-Methyl-2-Pentanone
Concen: 239.078 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

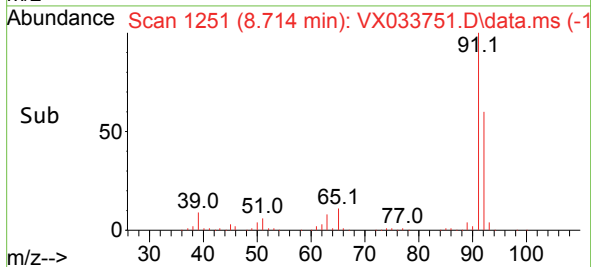
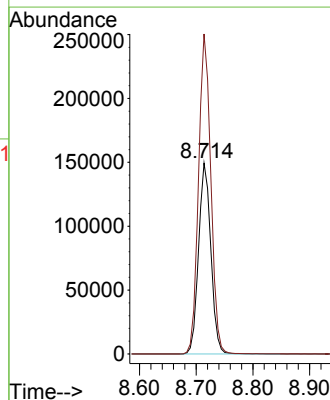
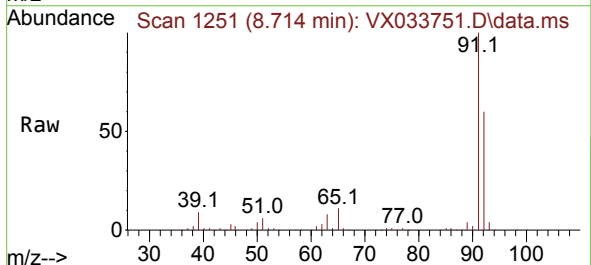
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

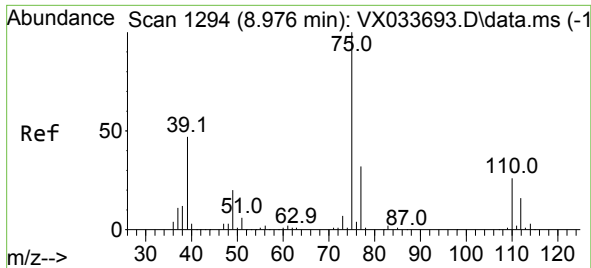
Tgt Ion: 43 Resp: 567020
Ion Ratio Lower Upper
43 100
58 39.5 31.2 46.8



#52
Toluene
Concen: 48.720 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 92 Resp: 224331
Ion Ratio Lower Upper
92 100
91 168.2 135.5 203.3

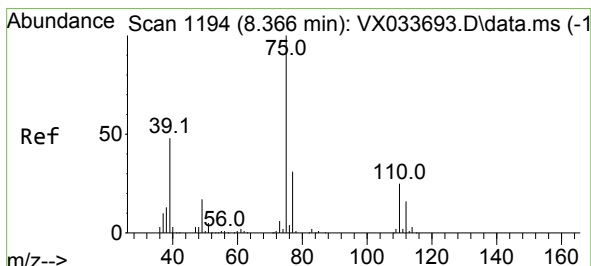
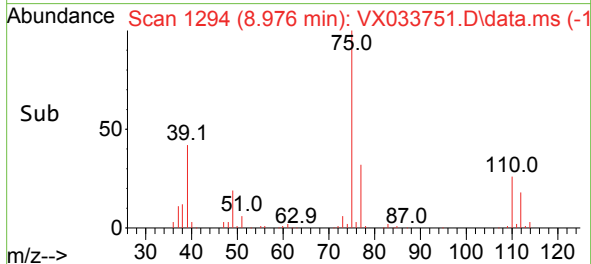
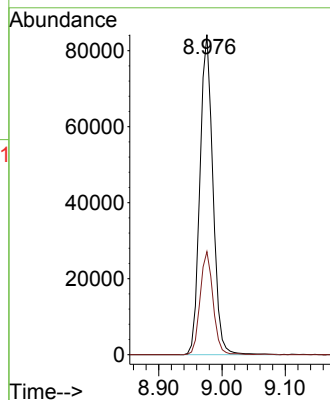
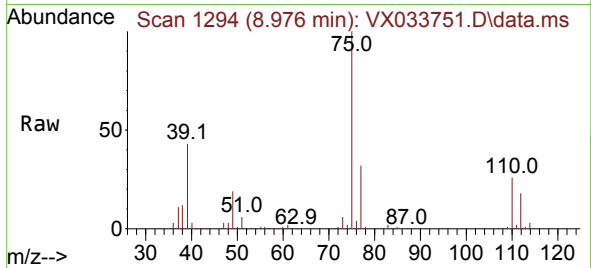




#53
 t-1,3-Dichloropropene
 Concen: 50.157 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: VX033751.D
 Acq: 16 Jan 2023 16:50

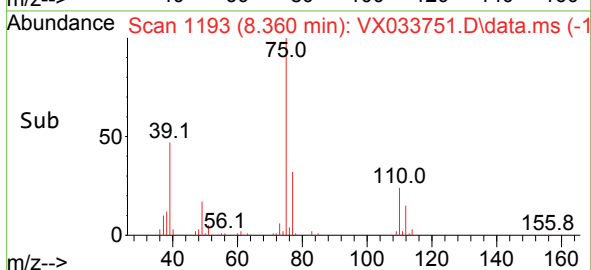
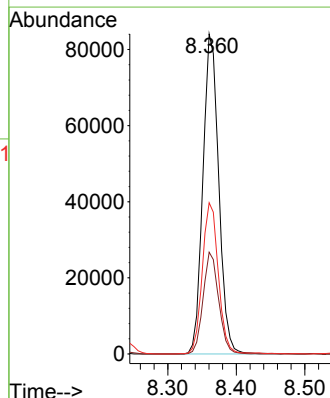
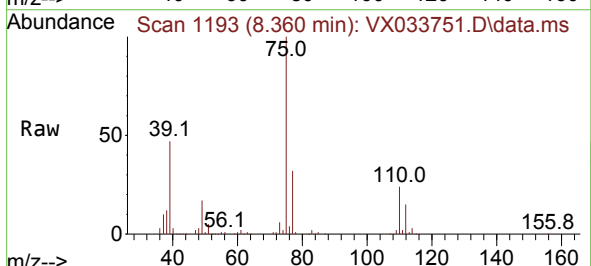
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

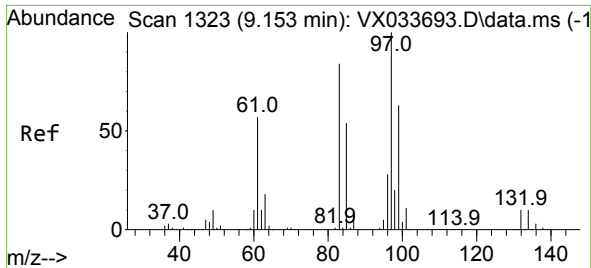
Tgt Ion: 75 Resp: 120601
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 50.262 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX033751.D
 Acq: 16 Jan 2023 16:50

Tgt Ion: 75 Resp: 135416
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 47.2 38.6 58.0

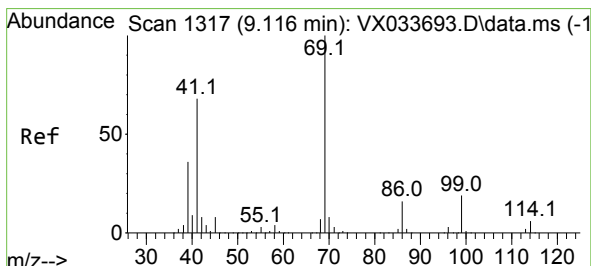
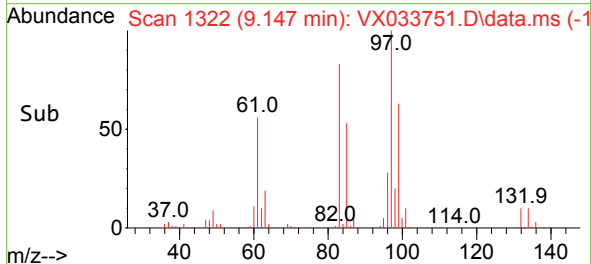
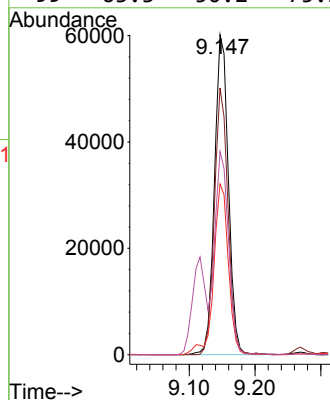
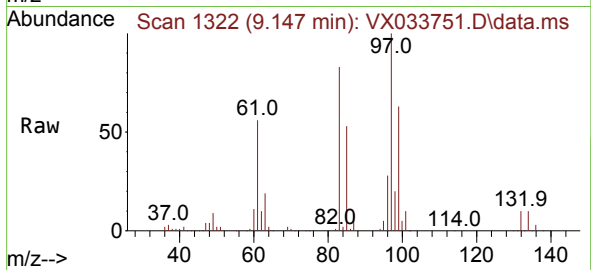




#55
 1,1,2-Trichloroethane
 Concen: 48.683 ug/l
 RT: 9.147 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX033751.D
 Acq: 16 Jan 2023 16:50

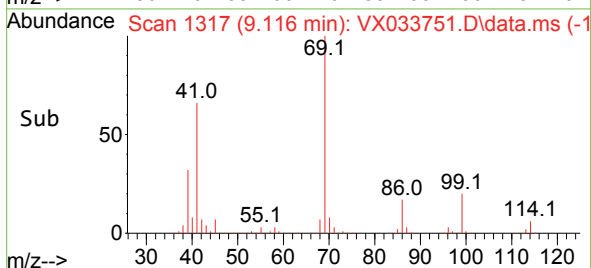
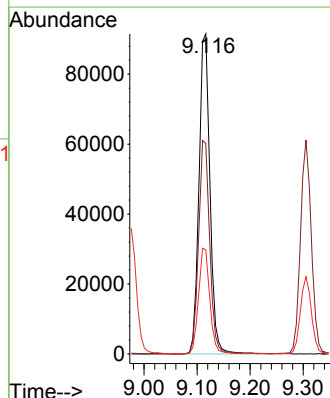
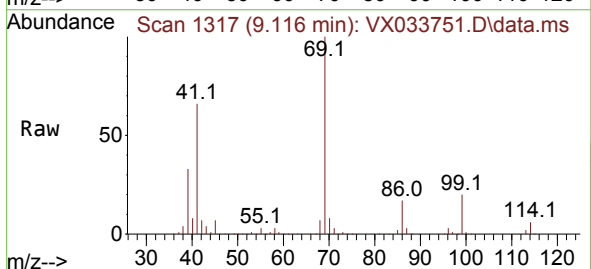
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

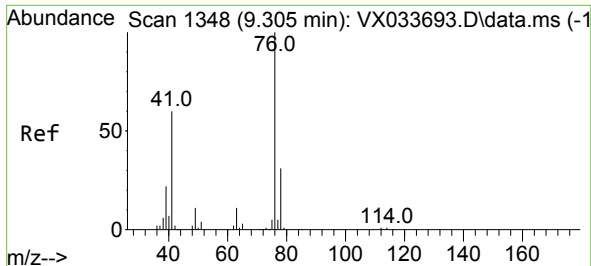
Tgt Ion:	97	Resp:	88731
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.4	101.0
85	53.3	43.2	64.8
99	63.3	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 51.524 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX033751.D
 Acq: 16 Jan 2023 16:50

Tgt Ion:	69	Resp:	132160
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.1	82.7
39	33.8	28.5	42.7





#57

1,3-Dichloropropane

Concen: 49.764 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

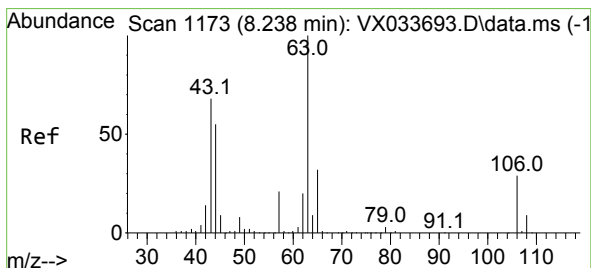
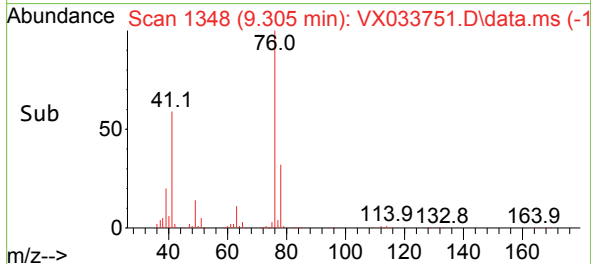
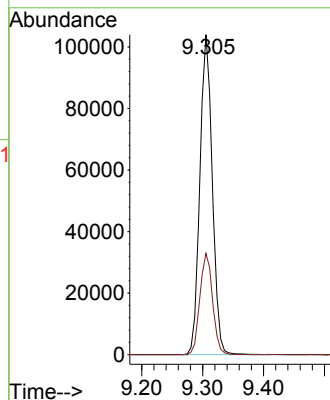
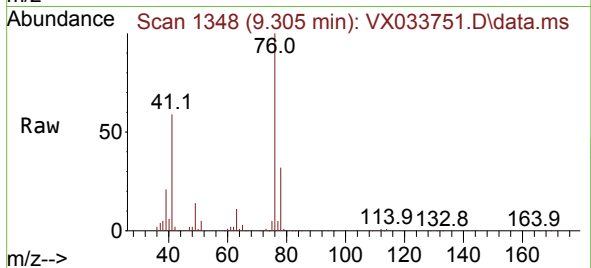
VSTDCCC050EC

Tgt Ion: 76 Resp: 147073

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 245.263 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX033751.D

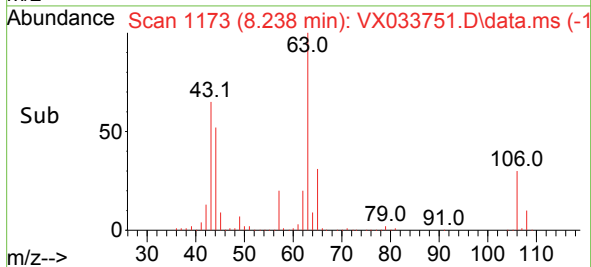
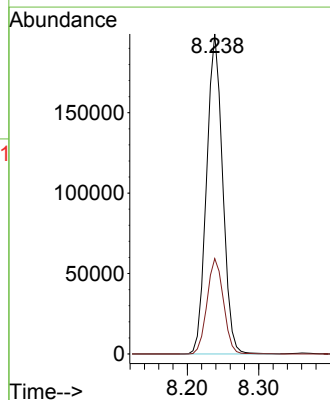
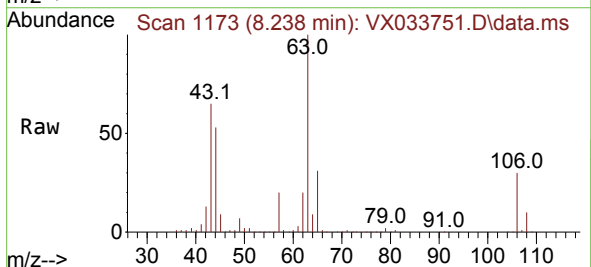
Acq: 16 Jan 2023 16:50

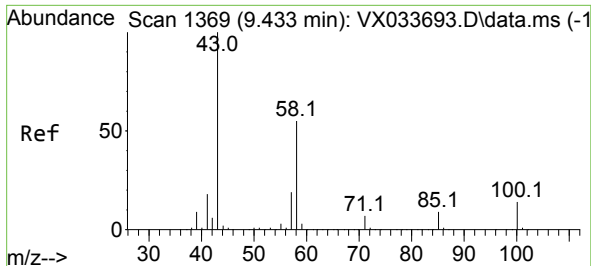
Tgt Ion: 63 Resp: 309827

Ion Ratio Lower Upper

63 100

106 30.5 24.5 36.7

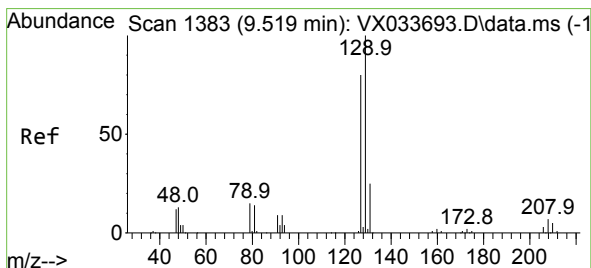
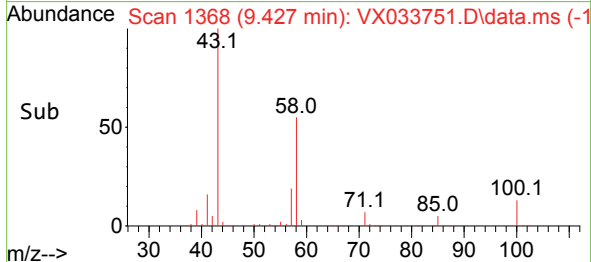
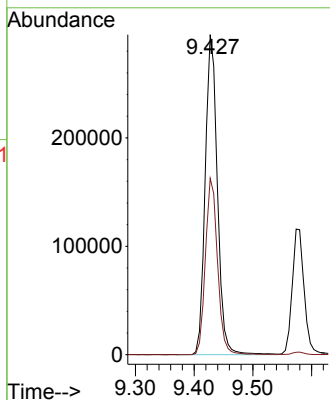
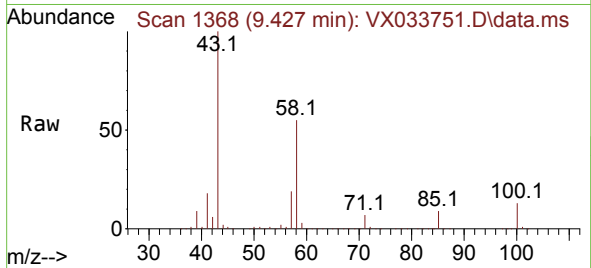




#59
2-Hexanone
Concen: 257.668 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

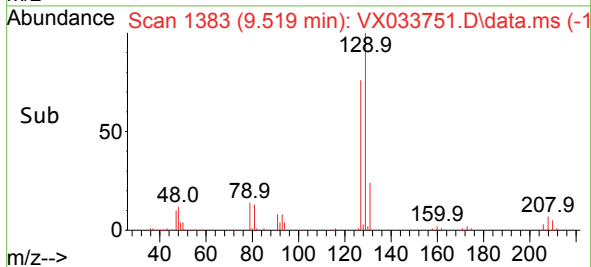
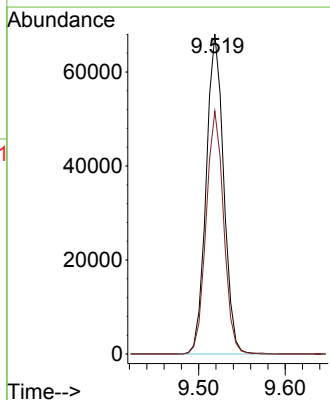
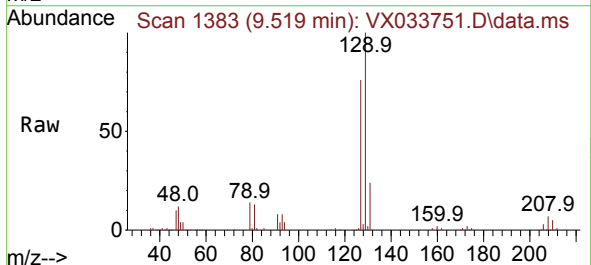
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

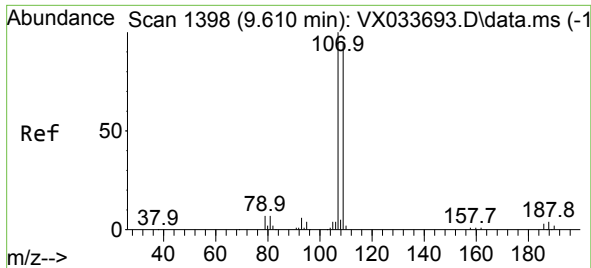
Tgt Ion: 43 Resp: 425342
Ion Ratio Lower Upper
43 100
58 55.0 27.4 82.0



#60
Dibromochloromethane
Concen: 50.466 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 129 Resp: 95360
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3

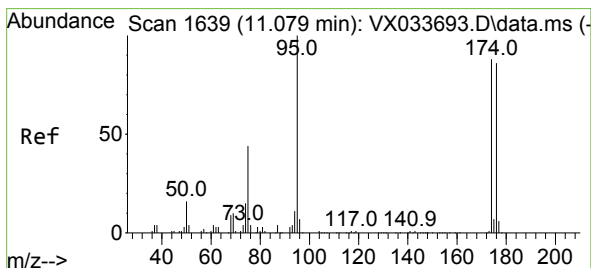
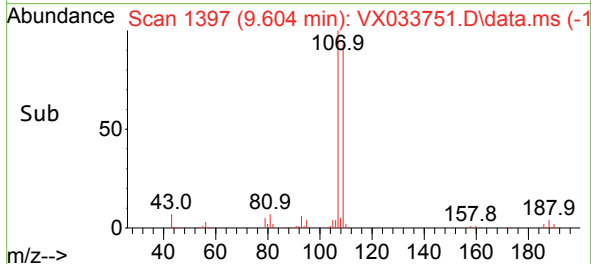
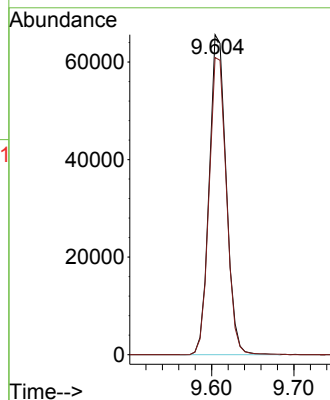
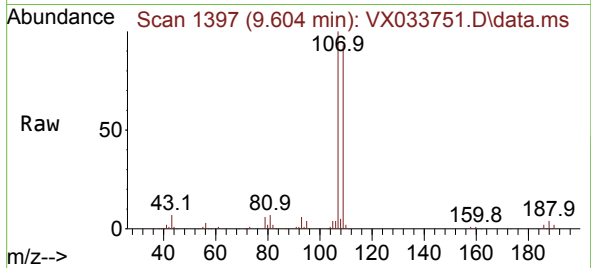




#61
1,2-Dibromoethane
Concen: 51.723 ug/l
RT: 9.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

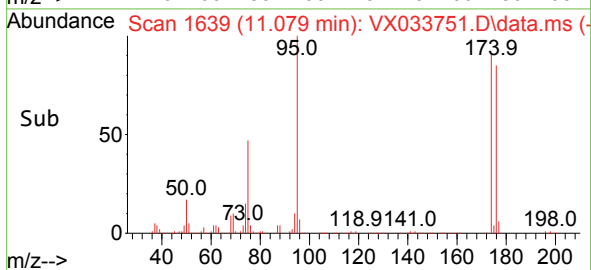
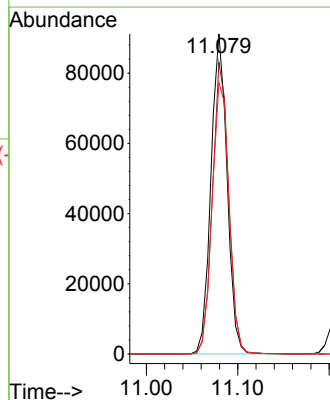
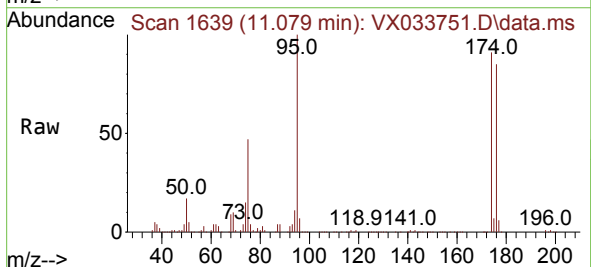
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

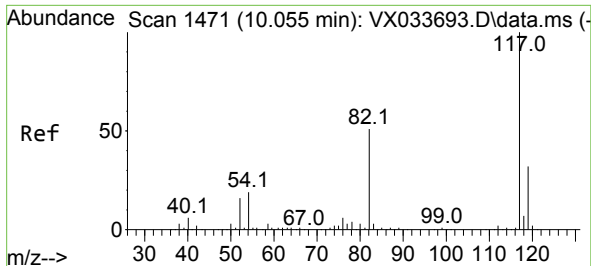
Tgt Ion:107 Resp: 94083
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 49.048 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 95 Resp: 111210
Ion Ratio Lower Upper
95 100
174 92.2 0.0 184.4
176 89.2 0.0 178.8

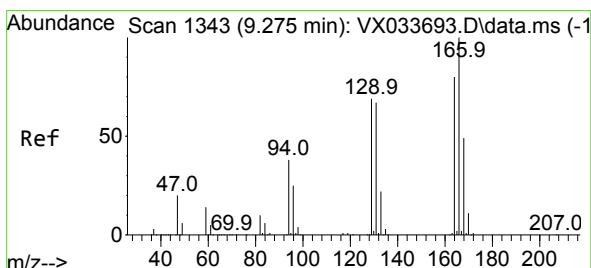
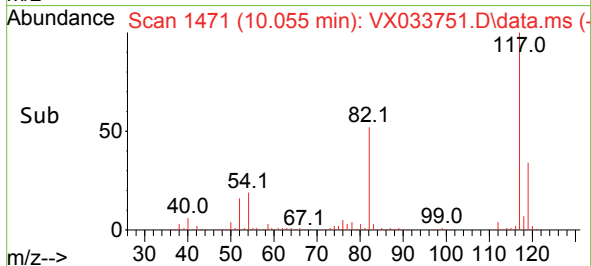
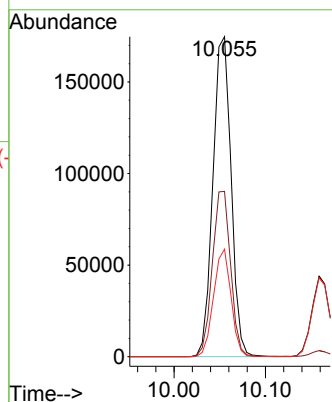
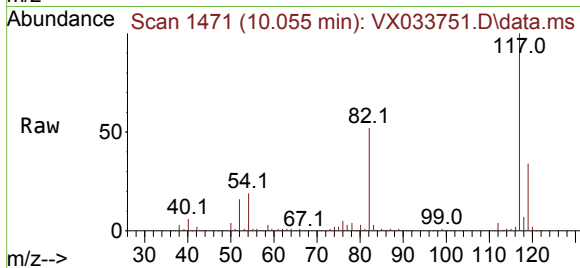




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

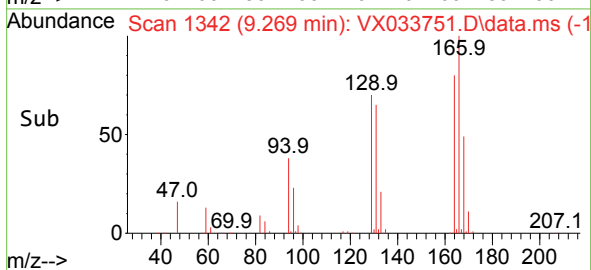
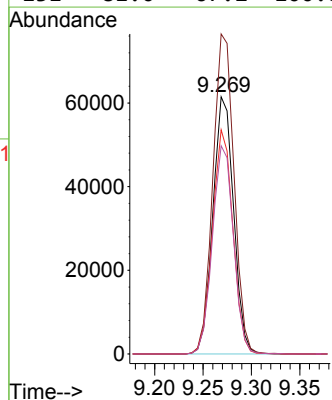
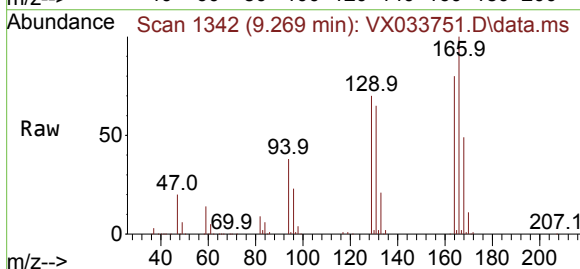
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

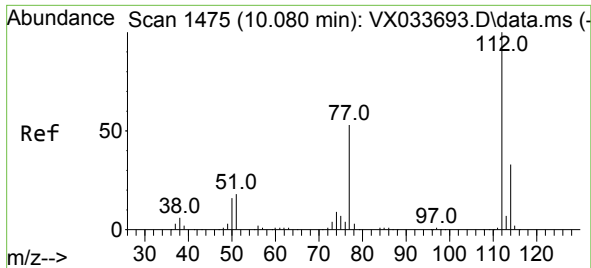
Tgt Ion:117 Resp: 241328
Ion Ratio Lower Upper
117 100
82 51.7 40.6 60.8
119 33.6 25.6 38.4



#64
Tetrachloroethene
Concen: 53.804 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion:164 Resp: 91221
Ion Ratio Lower Upper
164 100
166 124.5 100.2 150.2
129 87.2 69.2 103.8
131 81.0 67.2 100.8

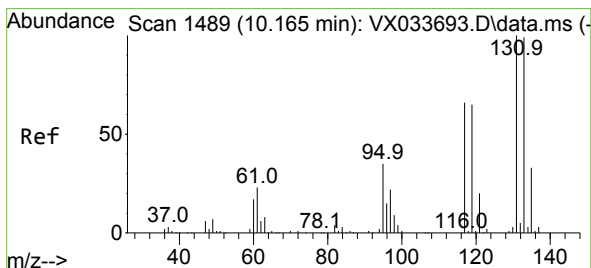
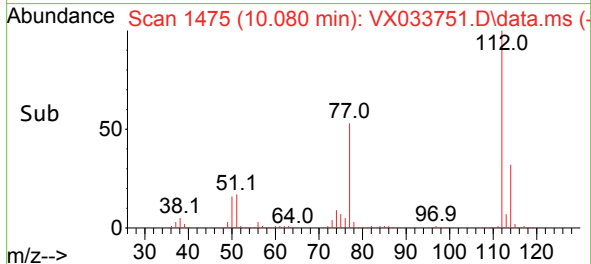
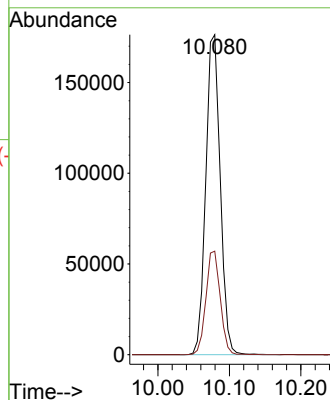
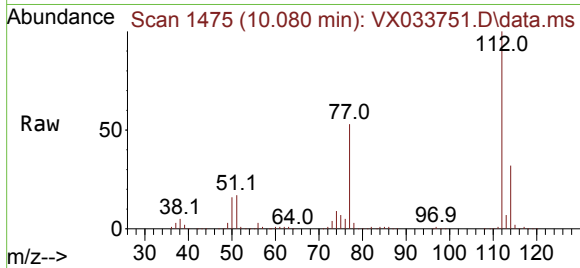




#65
Chlorobenzene
Concen: 49.614 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

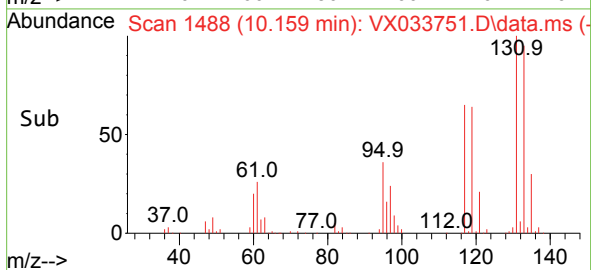
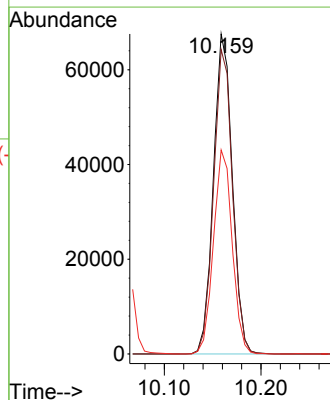
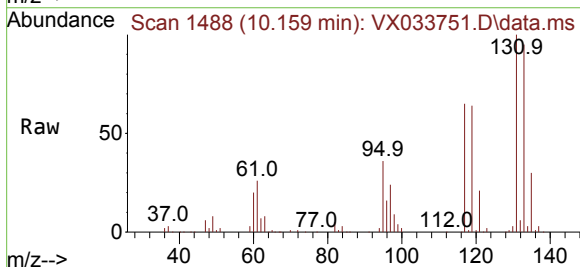
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

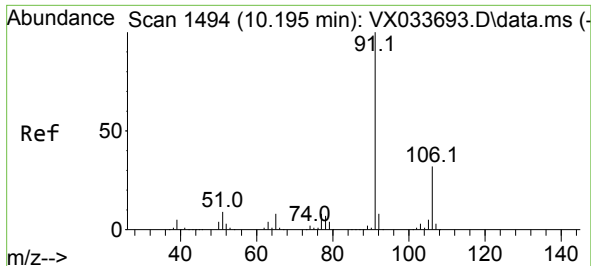
Tgt Ion:112 Resp: 247867
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.868 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion:131 Resp: 91688
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.0
119 63.2 31.9 95.7





#67

Ethyl Benzene

Concen: 49.844 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

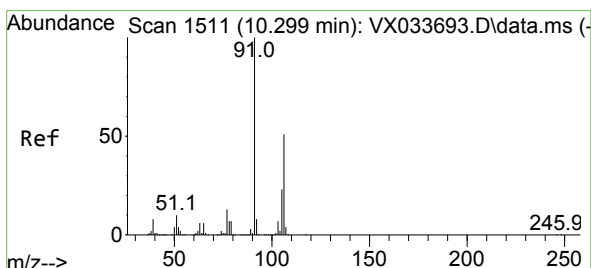
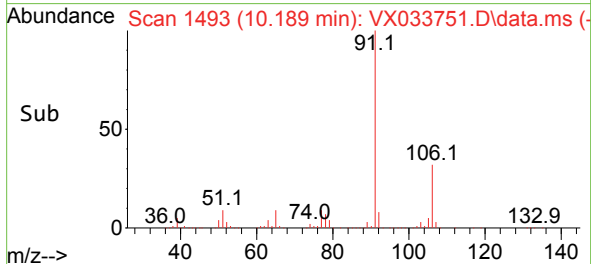
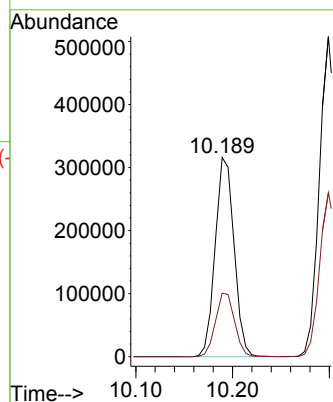
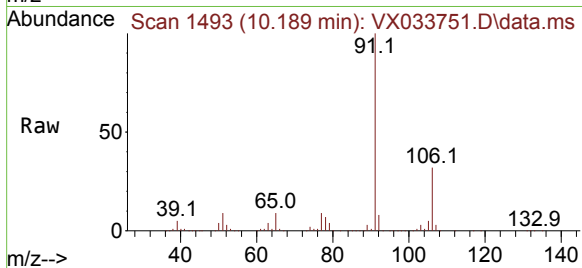
VSTDCCC050EC

Tgt Ion: 91 Resp: 427552

Ion Ratio Lower Upper

91 100

106 31.9 25.8 38.8



#68

m/p-Xylenes

Concen: 101.950 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX033751.D

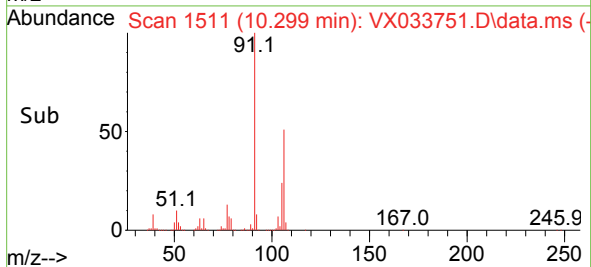
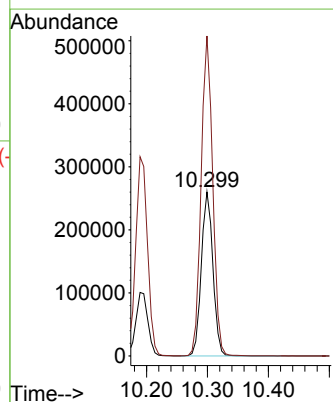
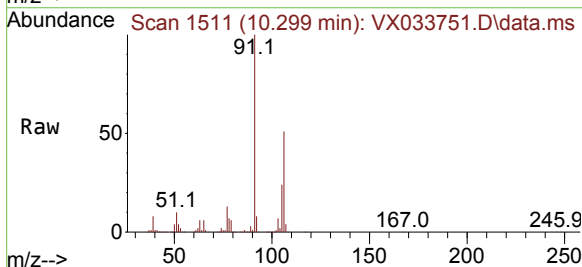
Acq: 16 Jan 2023 16:50

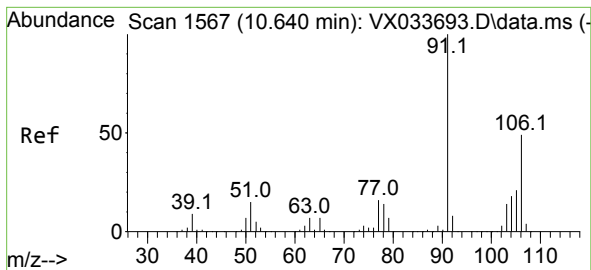
Tgt Ion: 106 Resp: 342051

Ion Ratio Lower Upper

106 100

91 195.3 156.4 234.6

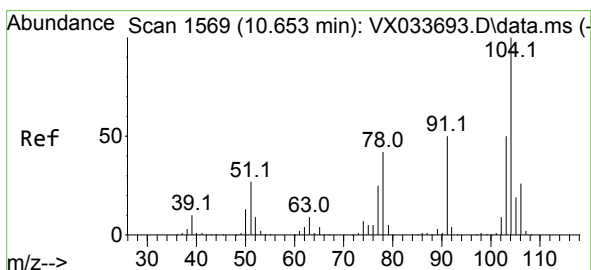
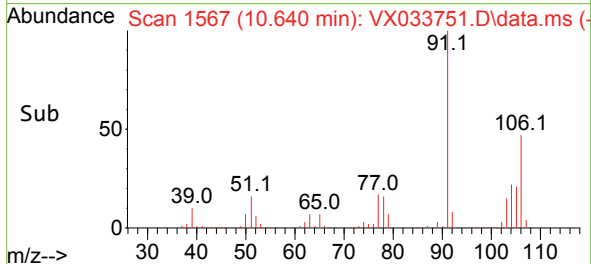
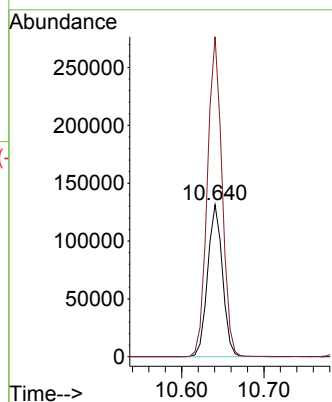
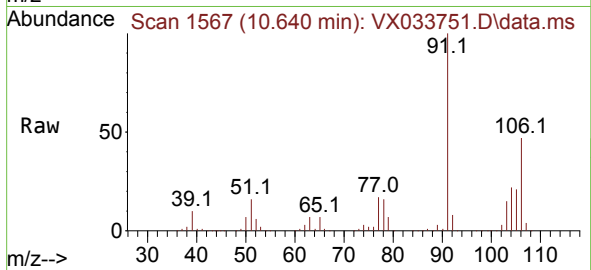




#69
o-Xylene
Concen: 49.430 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

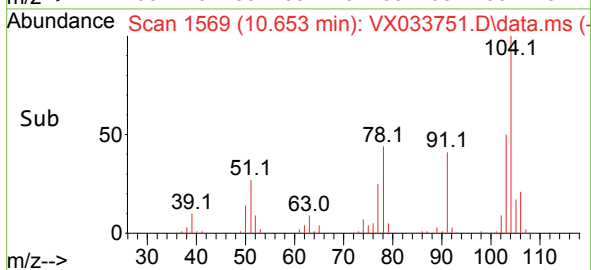
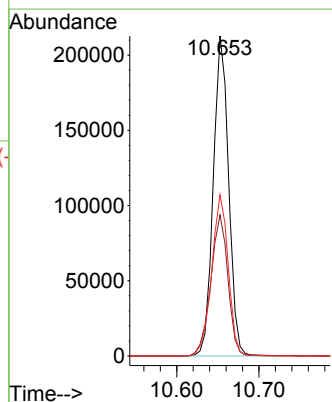
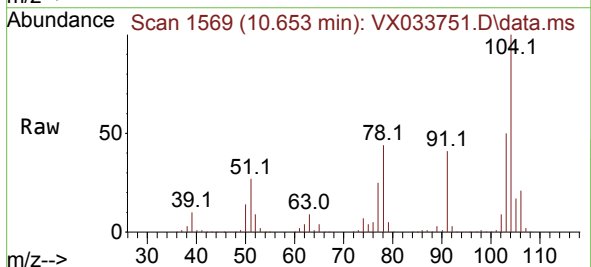
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

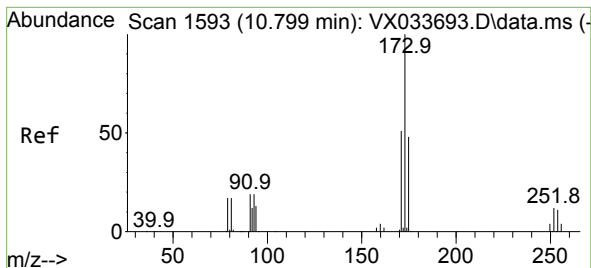
Tgt Ion:106 Resp: 164468
Ion Ratio Lower Upper
106 100
91 208.7 103.1 309.3



#70
Styrene
Concen: 50.870 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion:104 Resp: 275269
Ion Ratio Lower Upper
104 100
78 49.2 37.5 56.3
103 54.3 43.3 64.9





#71

Bromoform

Concen: 46.420 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

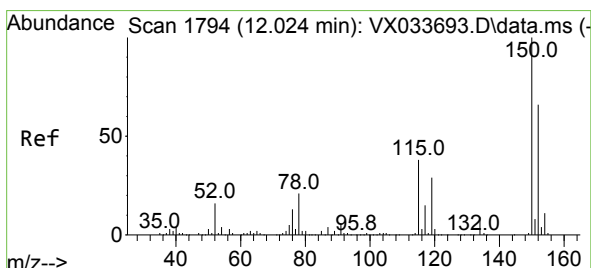
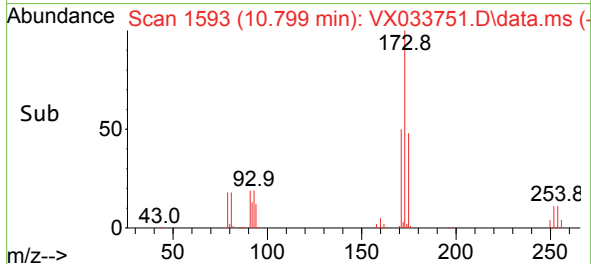
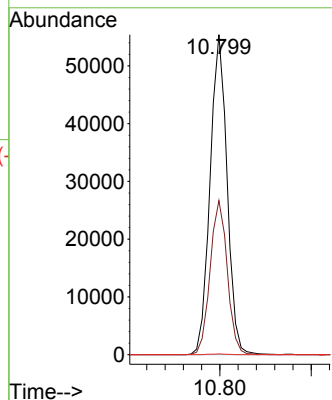
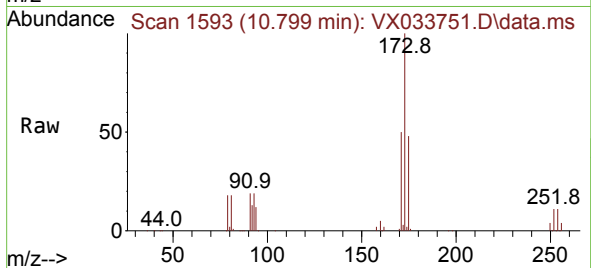
Tgt Ion:173 Resp: 71519

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

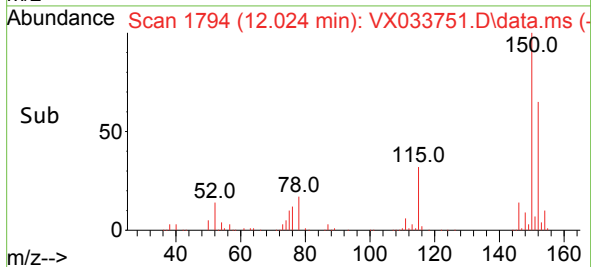
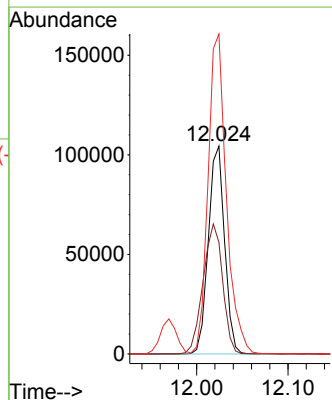
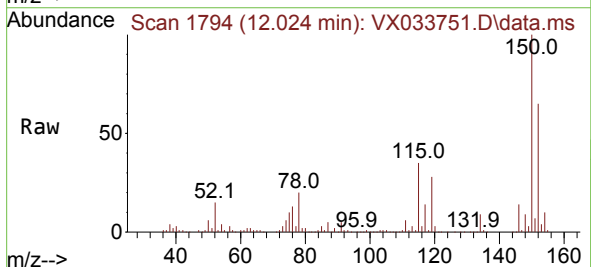
Tgt Ion:152 Resp: 128707

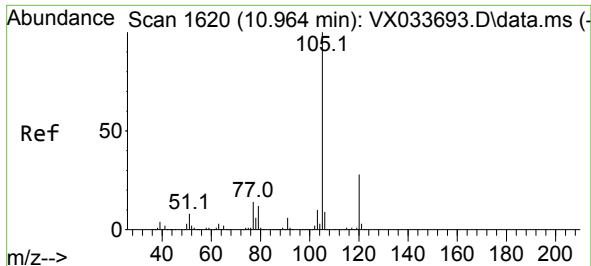
Ion Ratio Lower Upper

152 100

115 75.5 38.7 116.1

150 172.6 0.0 348.2

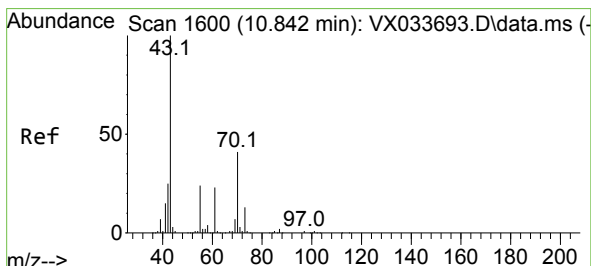
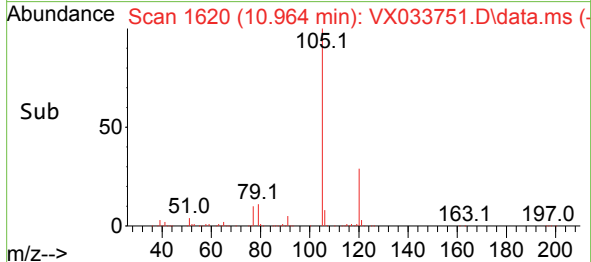
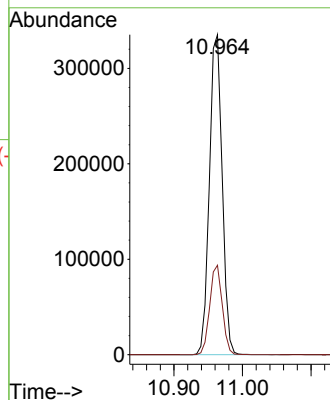
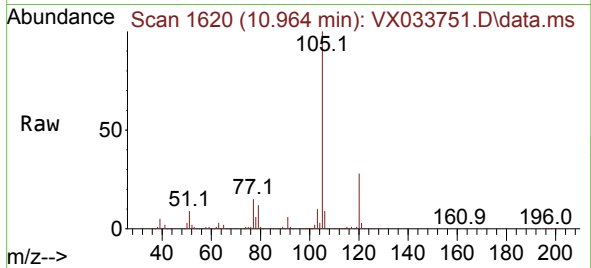




#73
Isopropylbenzene
Concen: 51.502 ug/l
RT: 10.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

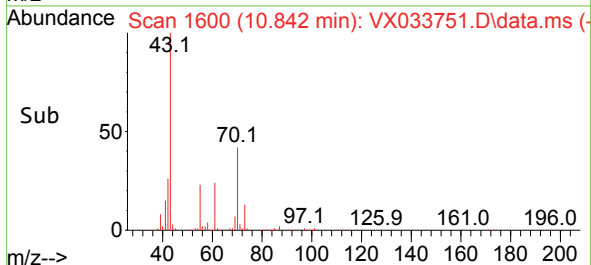
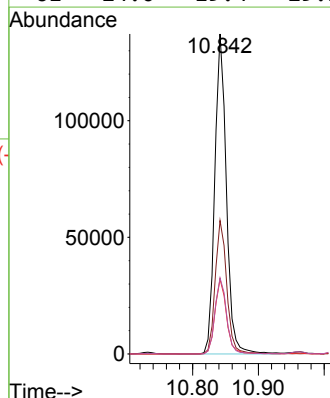
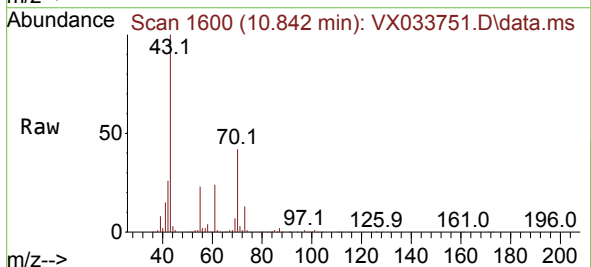
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

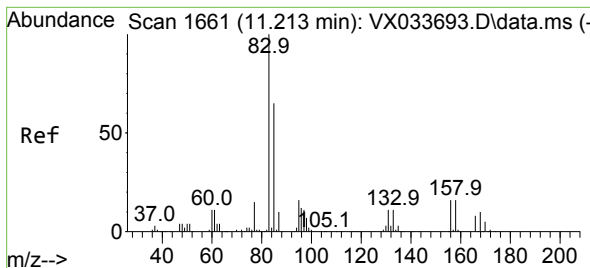
Tgt Ion:105 Resp: 435546
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8



#74
N-ethyl acetate
Concen: 49.849 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 43 Resp: 168477
Ion Ratio Lower Upper
43 100
70 41.9 34.8 52.2
55 23.6 19.4 29.0
61 24.0 19.4 29.2

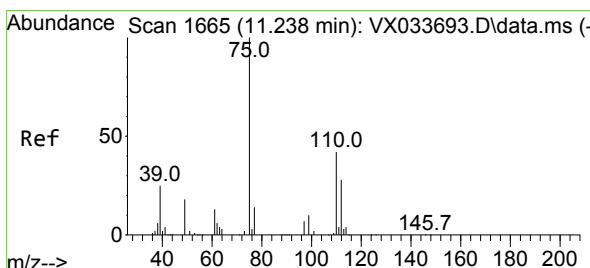
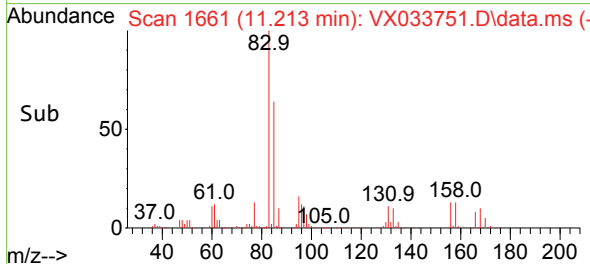
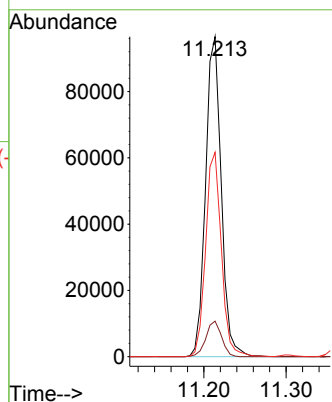
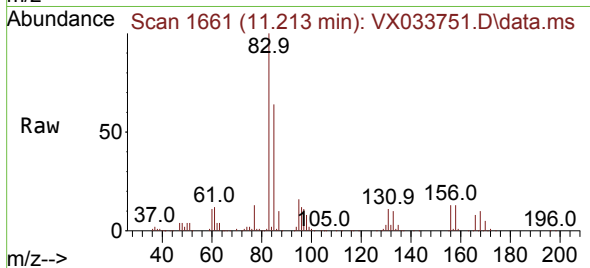




#75
1,1,2,2-Tetrachloroethane
Concen: 51.733 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

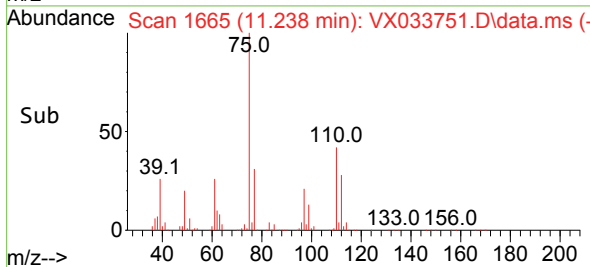
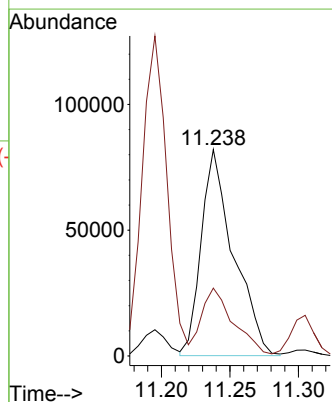
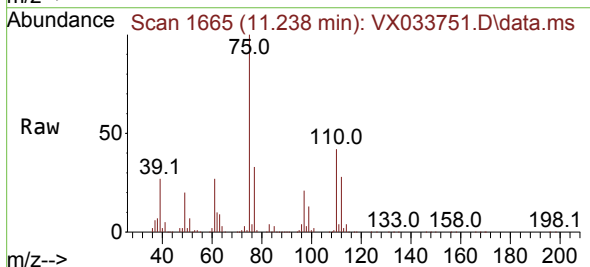
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

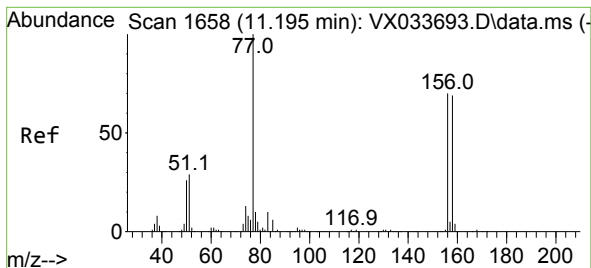
Tgt Ion: 83 Resp: 127813
Ion Ratio Lower Upper
83 100
131 11.1 5.5 16.7
85 64.1 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 57.026 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 75 Resp: 134854
Ion Ratio Lower Upper
75 100
77 32.8 21.8 65.4





#77

Bromobenzene

Concen: 49.528 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

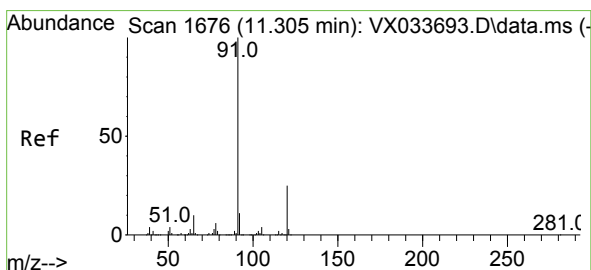
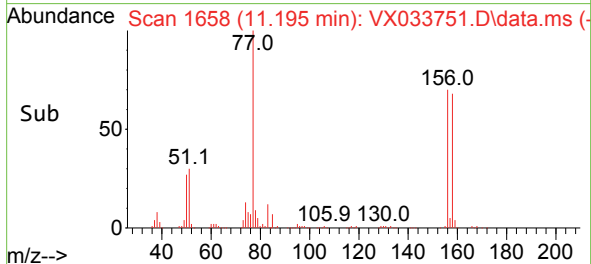
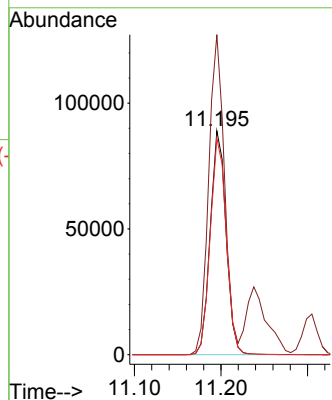
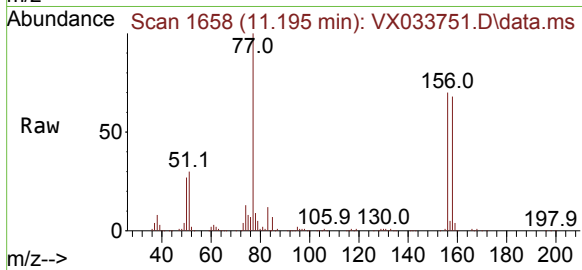
Tgt Ion:156 Resp: 113236

Ion Ratio Lower Upper

156 100

77 142.2 68.1 204.3

158 97.7 48.0 144.2



#78

n-propylbenzene

Concen: 47.882 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX033751.D

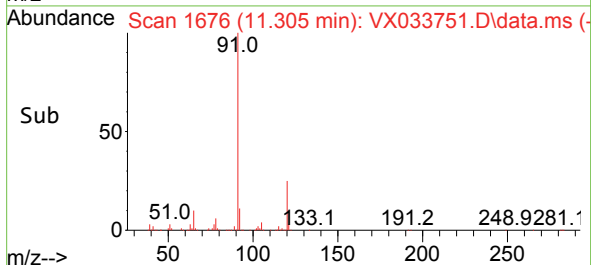
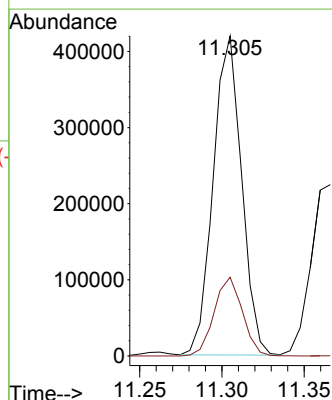
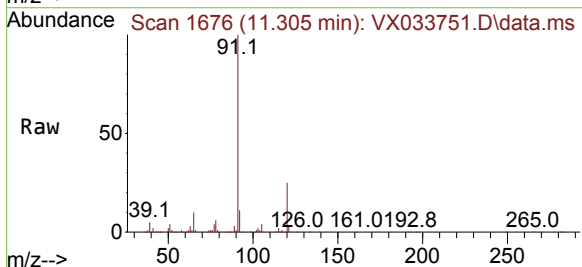
Acq: 16 Jan 2023 16:50

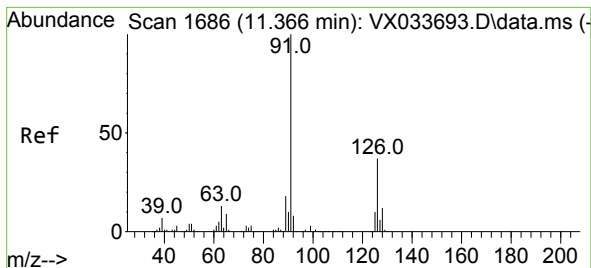
Tgt Ion: 91 Resp: 502883

Ion Ratio Lower Upper

91 100

120 24.6 12.3 36.8





#79

2-Chlorotoluene

Concen: 51.075 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

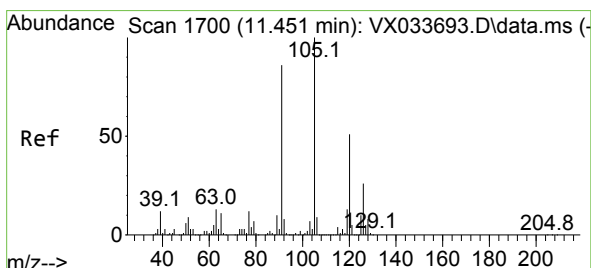
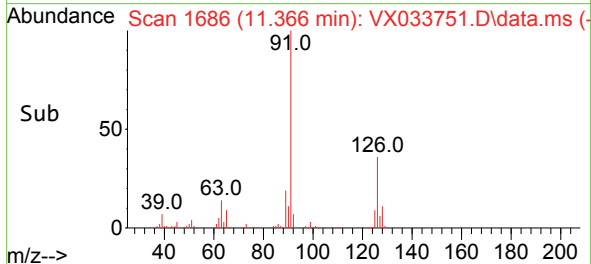
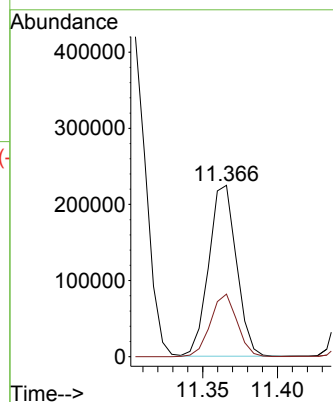
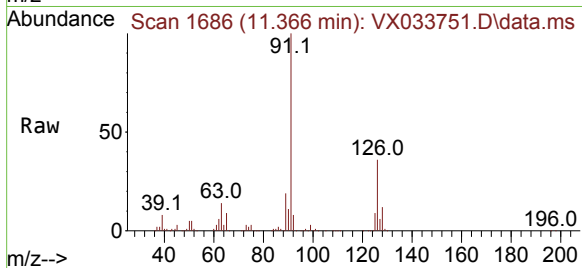
VSTDCCC050EC

Tgt Ion: 91 Resp: 289419

Ion Ratio Lower Upper

91 100

126 35.3 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 47.629 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX033751.D

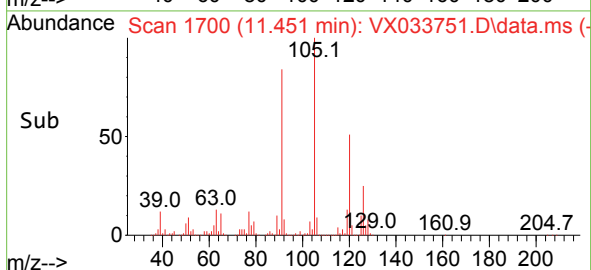
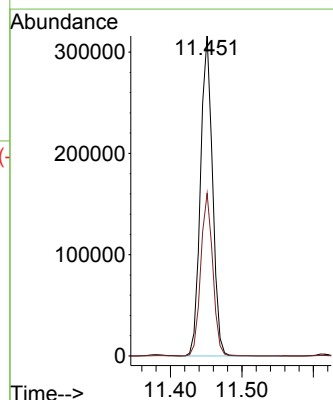
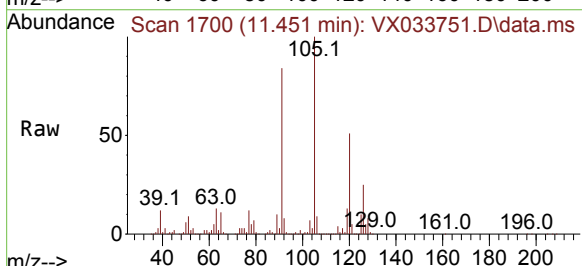
Acq: 16 Jan 2023 16:50

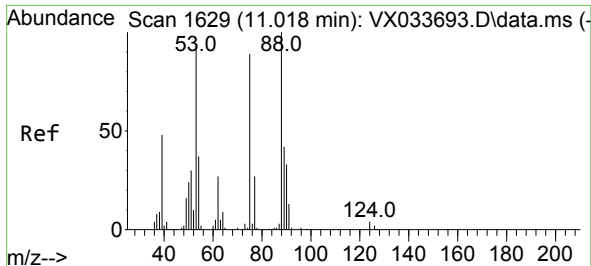
Tgt Ion: 105 Resp: 368870

Ion Ratio Lower Upper

105 100

120 50.5 25.6 76.8

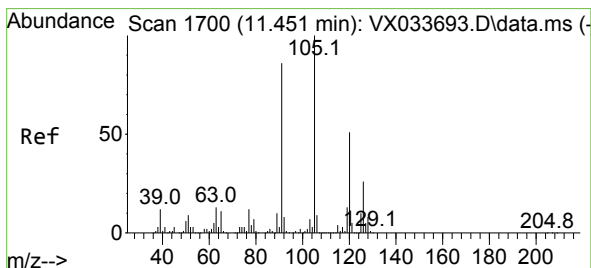
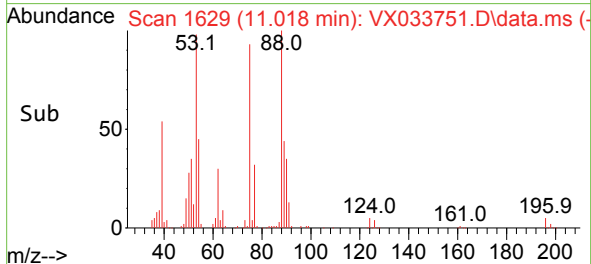
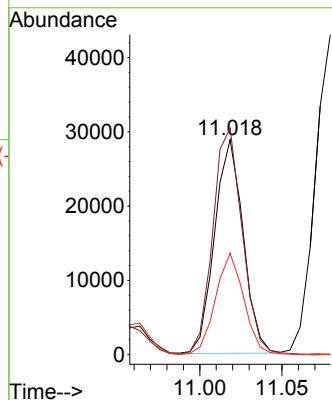
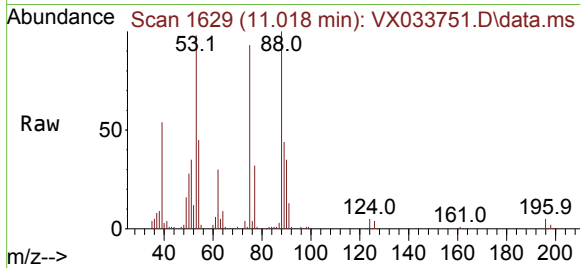




#81
trans-1,4-Dichloro-2-butene
Concen: 45.772 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

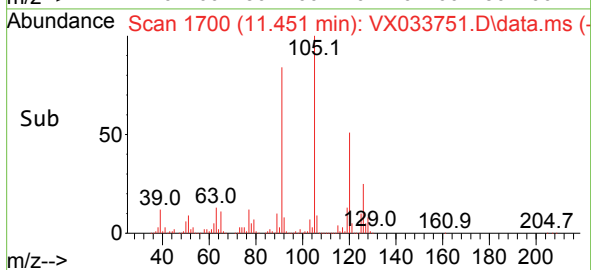
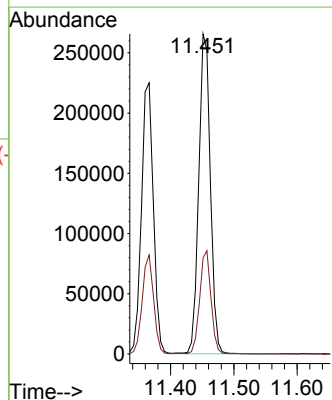
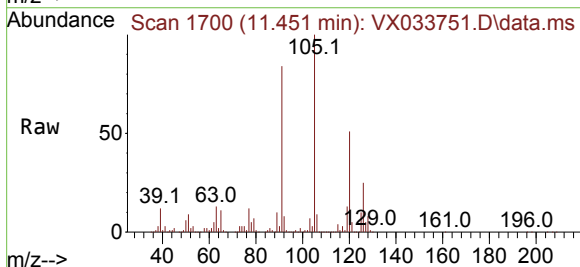
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

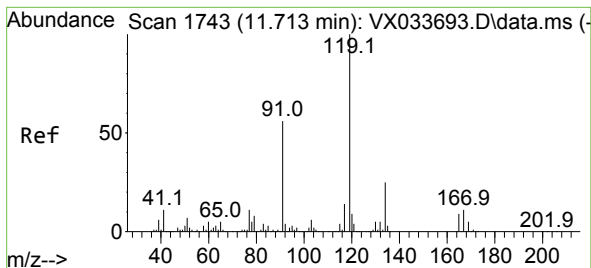
Tgt Ion: 75 Resp: 34828
Ion Ratio Lower Upper
75 100
53 108.7 83.0 124.6
89 47.1 37.7 56.5



#82
4-Chlorotoluene
Concen: 52.468 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 91 Resp: 339758
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.4





#83

tert-Butylbenzene

Concen: 48.320 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

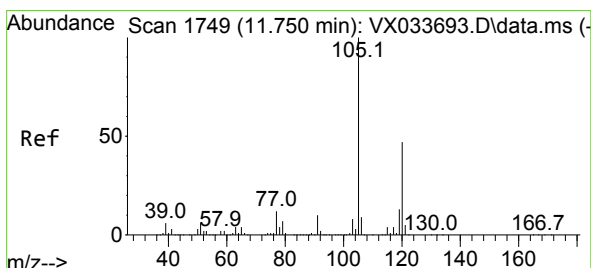
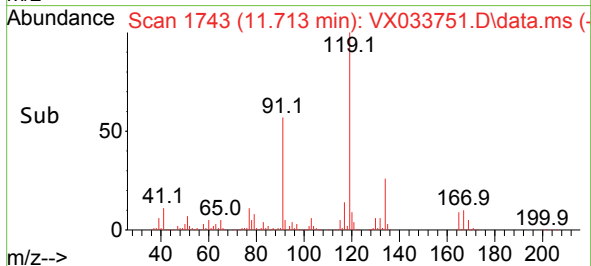
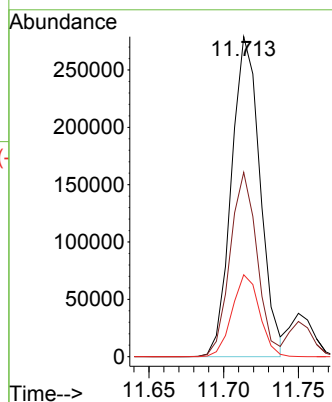
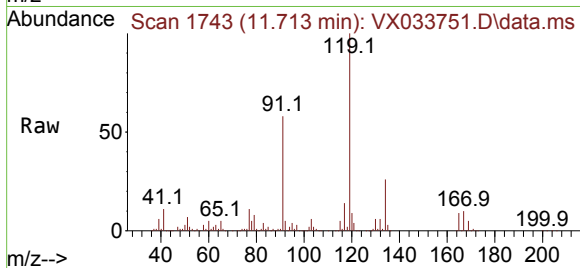
Tgt Ion:119 Resp: 371569

Ion Ratio Lower Upper

119 100

91 54.6 26.9 80.7

134 24.6 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 49.783 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033751.D

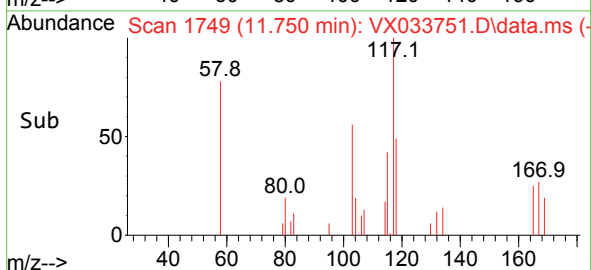
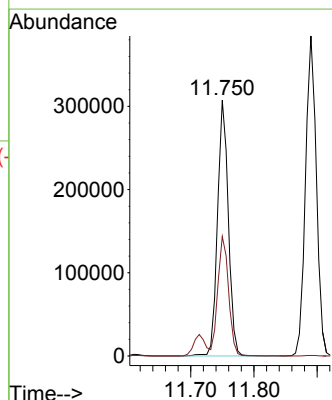
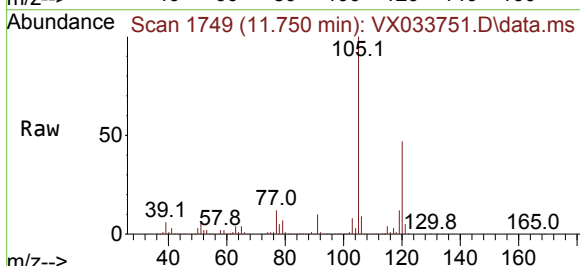
Acq: 16 Jan 2023 16:50

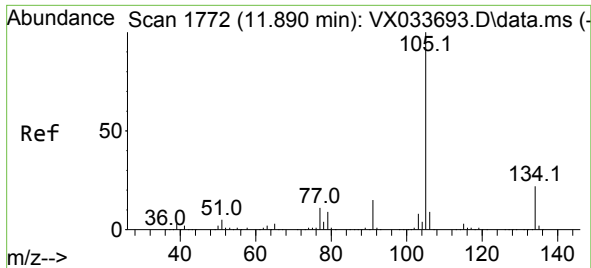
Tgt Ion:105 Resp: 364712

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.2

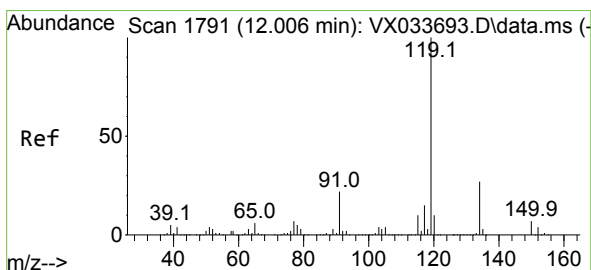
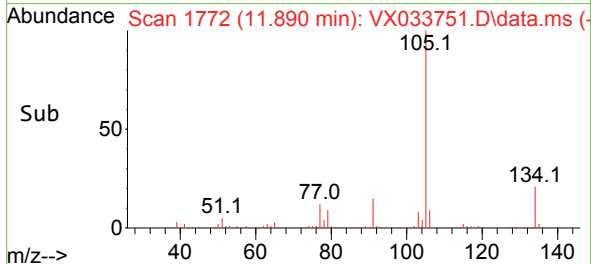
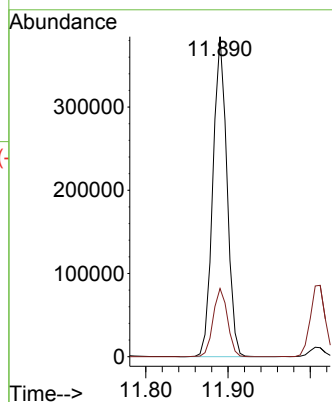
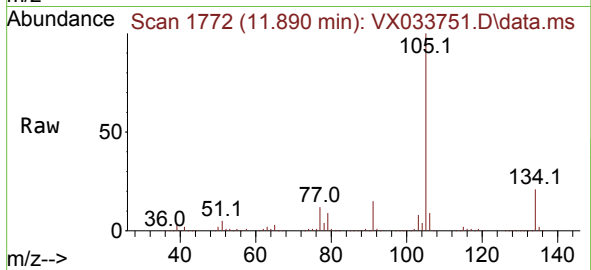




#85
 sec-Butylbenzene
 Concen: 49.618 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX033751.D
 Acq: 16 Jan 2023 16:50

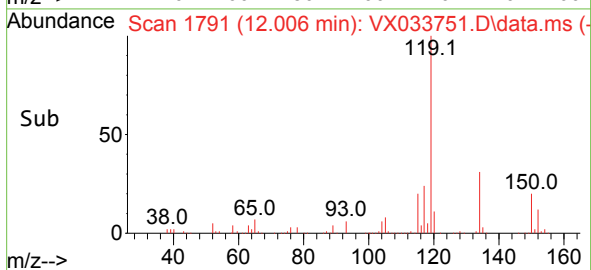
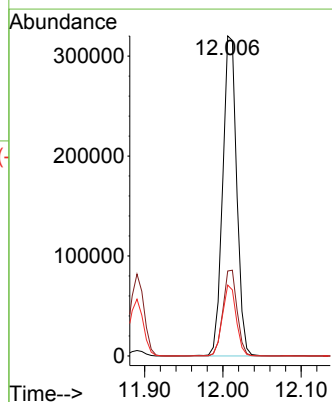
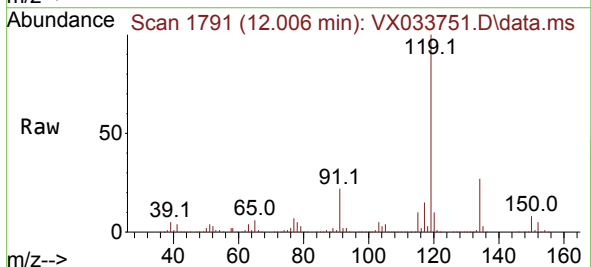
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

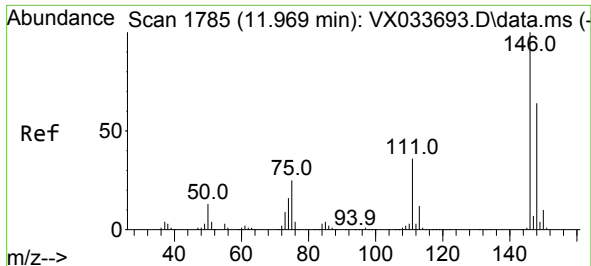
Tgt Ion:105 Resp: 456369
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 50.829 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX033751.D
 Acq: 16 Jan 2023 16:50

Tgt Ion:119 Resp: 400256
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.9 11.0 33.0

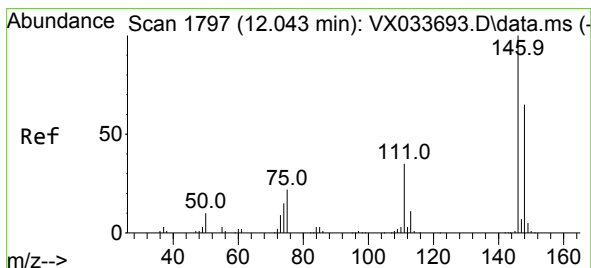
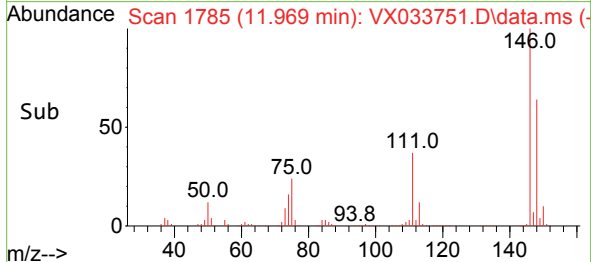
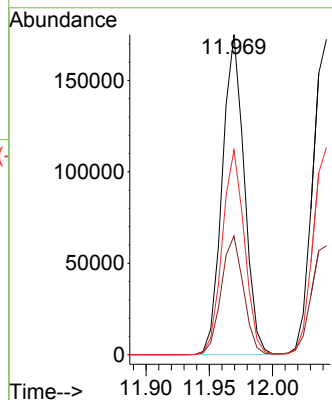
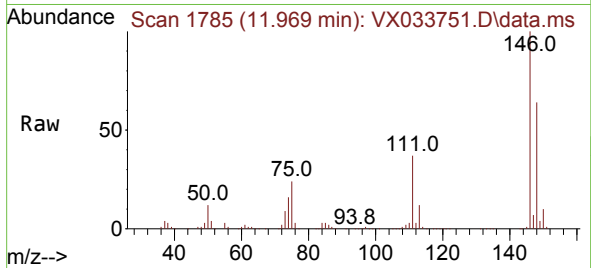




#87
1,3-Dichlorobenzene
Concen: 48.539 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

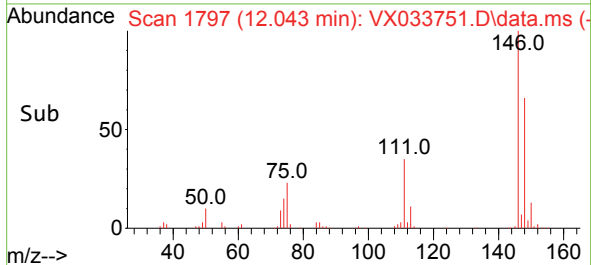
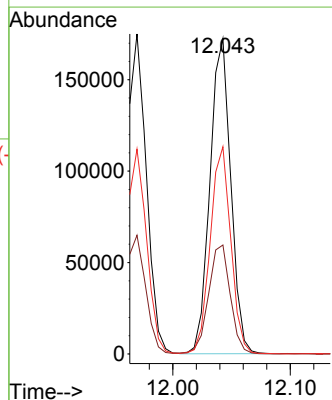
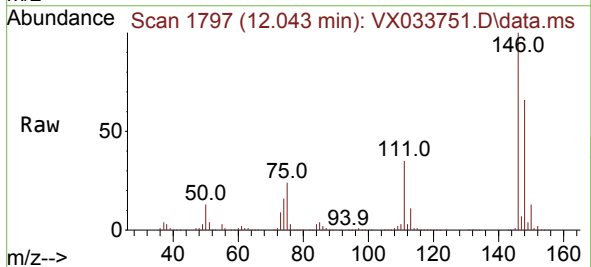
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

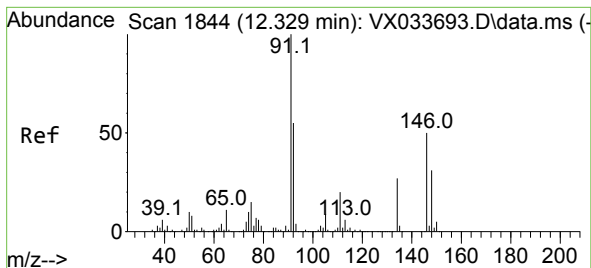
Tgt Ion:146 Resp: 211093
Ion Ratio Lower Upper
146 100
111 37.6 18.6 55.6
148 64.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 47.879 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion:146 Resp: 212110
Ion Ratio Lower Upper
146 100
111 36.2 17.8 53.4
148 65.4 32.1 96.3





#89

n-Butylbenzene

Concen: 51.670 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

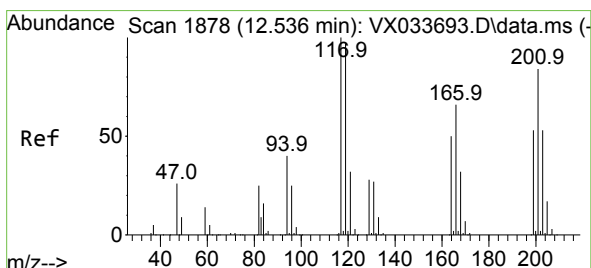
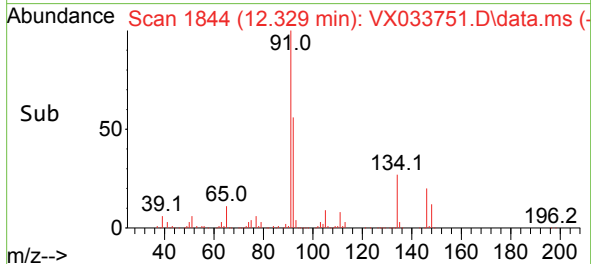
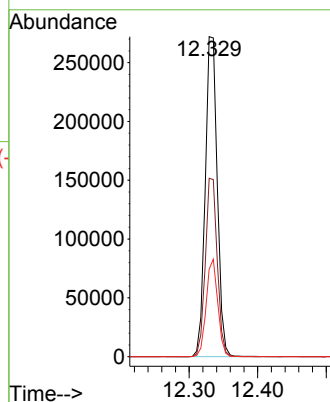
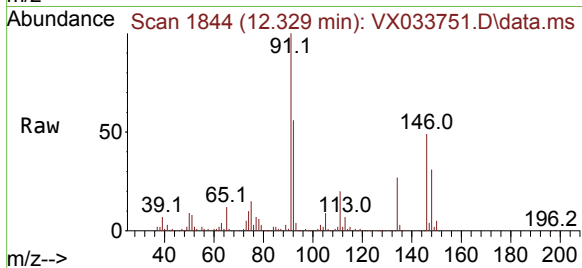
Tgt Ion: 91 Resp: 332867

Ion Ratio Lower Upper

91 100

92 55.4 27.5 82.5

134 29.2 14.3 42.9



#90

Hexachloroethane

Concen: 46.271 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX033751.D

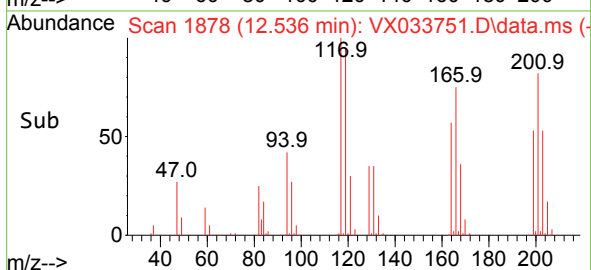
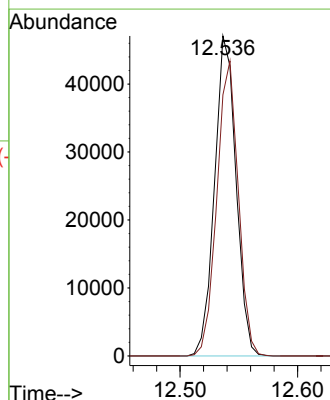
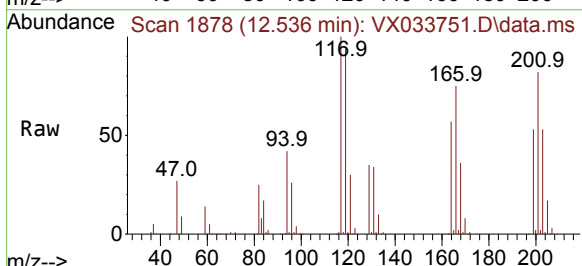
Acq: 16 Jan 2023 16:50

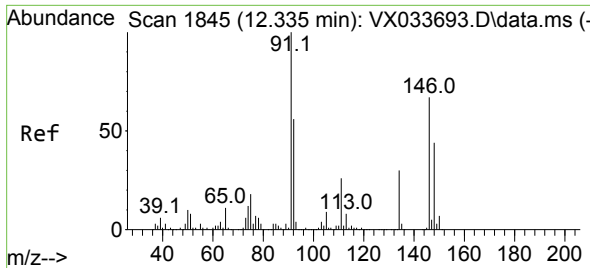
Tgt Ion: 117 Resp: 59936

Ion Ratio Lower Upper

117 100

201 91.8 45.1 135.3

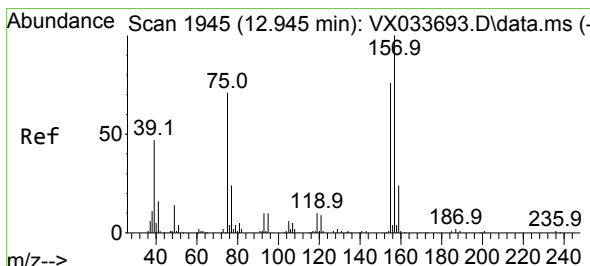
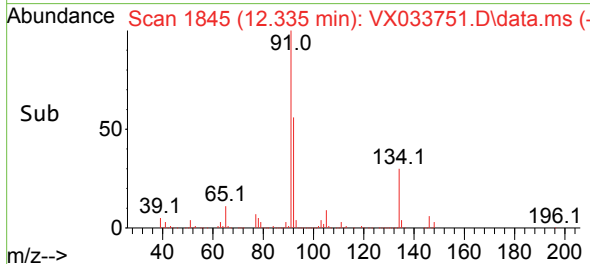
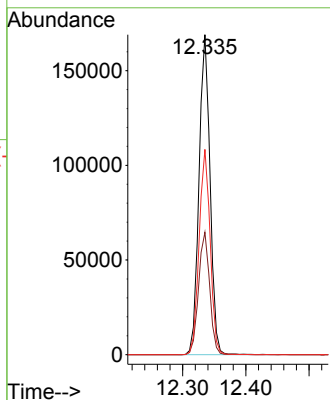
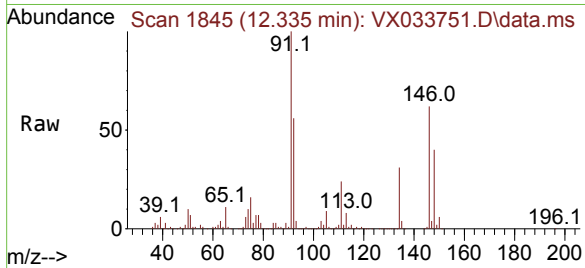




#91
1,2-Dichlorobenzene
Concen: 48.965 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

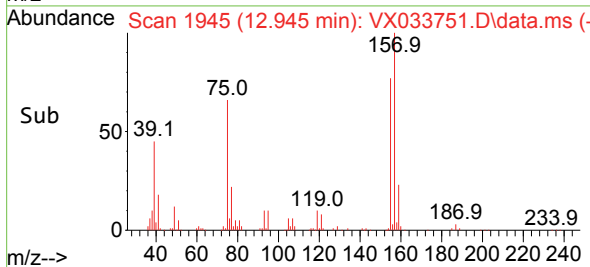
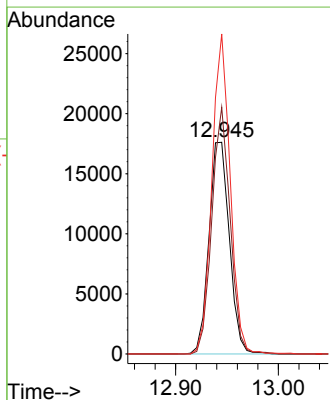
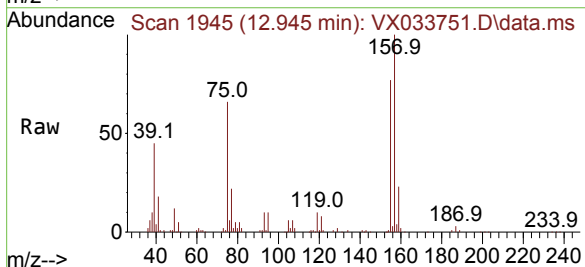
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

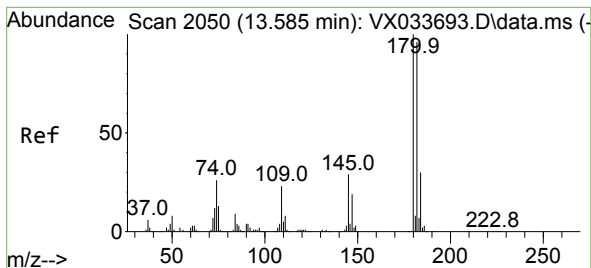
Tgt Ion:146 Resp: 205484
Ion Ratio Lower Upper
146 100
111 38.7 19.3 57.8
148 64.3 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.129 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion: 75 Resp: 24227
Ion Ratio Lower Upper
75 100
155 104.9 51.7 155.1
157 135.1 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 53.193 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

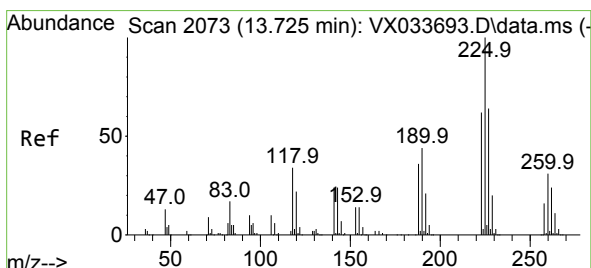
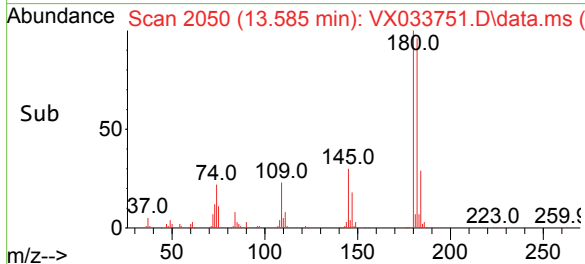
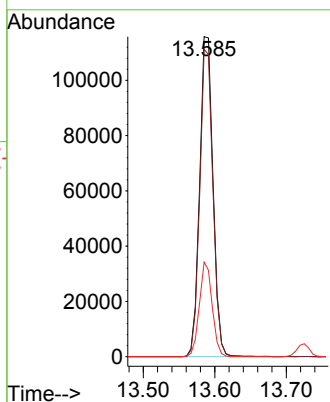
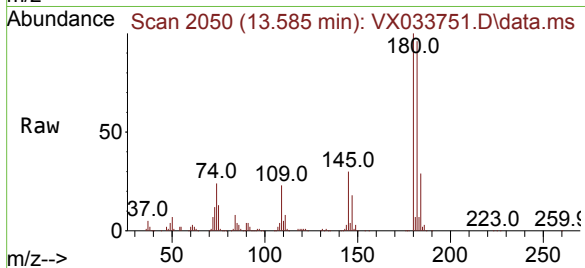
Tgt Ion:180 Resp: 150367

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 28.2 14.1 42.2



#94

Hexachlorobutadiene

Concen: 52.562 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033751.D

Acq: 16 Jan 2023 16:50

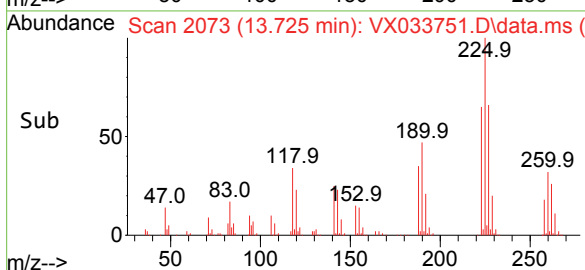
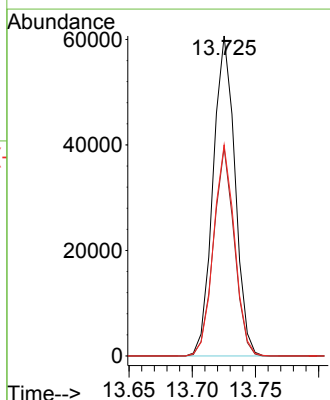
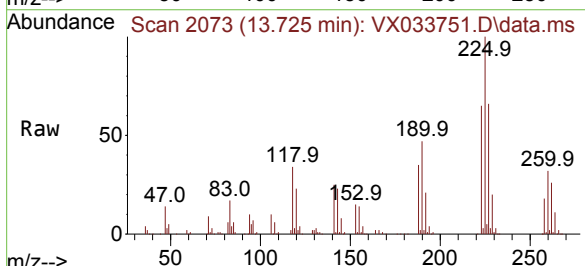
Tgt Ion:225 Resp: 72783

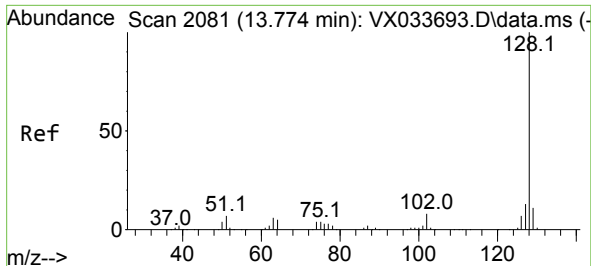
Ion Ratio Lower Upper

225 100

223 61.8 31.3 93.9

227 63.5 32.3 96.9

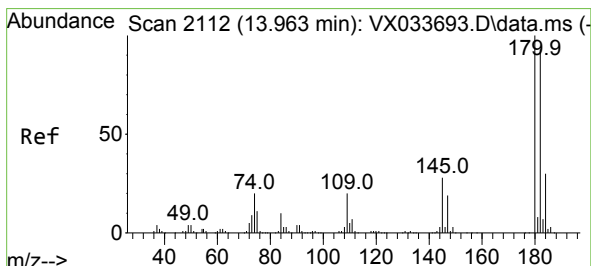
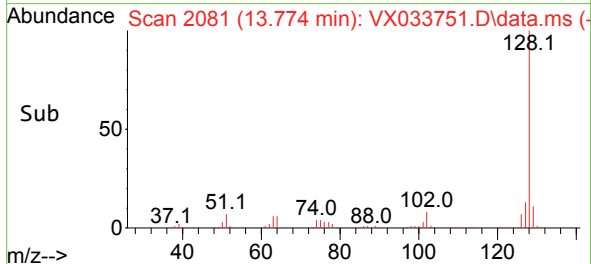
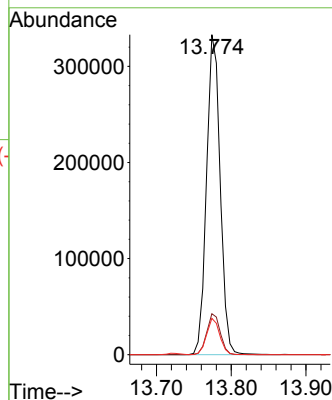
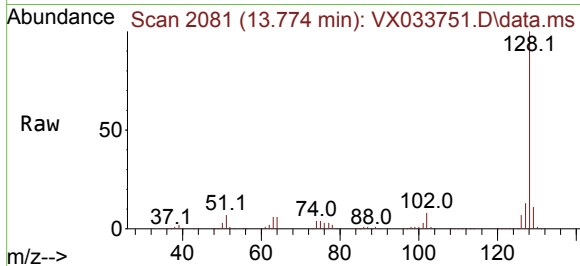




#95
Naphthalene
Concen: 51.890 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 422000
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.852 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033751.D
Acq: 16 Jan 2023 16:50

Tgt Ion:180 Resp: 146666
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.9
145 30.1 15.1 45.3

