

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022023\
 Data File : VX034195.D
 Acq On : 20 Feb 2023 18:06
 Operator : JC/MD
 Sample : VSTDC0050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 21 01:11:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	362608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	606752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	230452	47.190	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.380%
35) Dibromofluoromethane	5.385	113	198998	50.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.740%
50) Toluene-d8	8.647	98	750306	52.899	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.800%
62) 4-Bromofluorobenzene	11.079	95	291403	53.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	153860	49.104	ug/l	98
3) Chloromethane	1.295	50	224780	49.851	ug/l	99
4) Vinyl Chloride	1.374	62	233827	56.942	ug/l	100
5) Bromomethane	1.599	94	95063	62.750	ug/l	97
6) Chloroethane	1.685	64	129657	62.806	ug/l	99
7) Trichlorofluoromethane	1.886	101	315892	56.861	ug/l	97
8) Diethyl Ether	2.130	74	124941	55.822	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	175505	44.858	ug/l	95
10) Methyl Iodide	2.453	142	225736	47.387	ug/l	94
11) Tert butyl alcohol	2.953	59	238636	218.481	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	184330	46.999	ug/l	92
13) Acrolein	2.233	56	85743	171.970	ug/l	99
14) Allyl chloride	2.666	41	356525	42.854	ug/l	88
15) Acrylonitrile	3.056	53	586834	246.282	ug/l	99
16) Acetone	2.374	43	461387	183.153	ug/l	91
17) Carbon Disulfide	2.514	76	512103	45.415	ug/l	99
18) Methyl Acetate	2.697	43	382604	49.084	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	657784	47.520	ug/l	98
20) Methylene Chloride	2.788	84	207832	45.788	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	198675	48.343	ug/l	98
22) Diisopropyl ether	3.758	45	749495	51.387	ug/l	95
23) Vinyl Acetate	3.721	43	2929424	250.688	ug/l	100
24) 1,1-Dichloroethane	3.611	63	378949	47.327	ug/l	100
25) 2-Butanone	4.550	43	823436	225.910	ug/l	98
26) 2,2-Dichloropropane	4.477	77	296050	40.815	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	235888	48.471	ug/l	97
28) Bromochloromethane	4.898	49	178999	50.113	ug/l	87
29) Tetrahydrofuran	5.001	42	556285	250.174	ug/l	97
30) Chloroform	5.093	83	375356	48.820	ug/l	98
31) Cyclohexane	5.471	56	345987	47.454	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	329472	47.803	ug/l	99
36) 1,1-Dichloropropene	5.696	75	280338	47.983	ug/l	98
37) Ethyl Acetate	4.709	43	327536	50.162	ug/l	100
38) Carbon Tetrachloride	5.678	117	284513	47.324	ug/l	98
39) Methylcyclohexane	7.379	83	344562	45.828	ug/l	99
40) Benzene	6.038	78	855442	49.408	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	188066	51.695	ug/l	98
42) 1,2-Dichloroethane	6.086	62	287821	47.266	ug/l	100
43) Isopropyl Acetate	6.336	43	567917	49.288	ug/l	99
44) Trichloroethene	7.123	130	220127	49.543	ug/l	93
45) 1,2-Dichloropropane	7.428	63	227838	49.432	ug/l	97
46) Dibromomethane	7.580	93	148331	48.900	ug/l	88
47) Bromodichloromethane	7.818	83	301060	48.362	ug/l	99
48) Methyl methacrylate	7.690	41	268050	49.013	ug/l	98
49) 1,4-Dioxane	7.659	88	101450	930.020	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	1680461	265.083	ug/l	99
52) Toluene	8.720	92	539862	51.459	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	350049	48.852	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	365798	47.686	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	217128	51.275	ug/l	98
56) Ethyl methacrylate	9.116	69	367896	51.356	ug/l	97
57) 1,3-Dichloropropane	9.305	76	376489	51.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	814686	262.532	ug/l	94
59) 2-Hexanone	9.427	43	1269007	262.665	ug/l	98
60) Dibromochloromethane	9.519	129	239176	51.117	ug/l	99
61) 1,2-Dibromoethane	9.610	107	229330	51.207	ug/l	98
64) Tetrachloroethene	9.275	164	180799	46.654	ug/l	94
65) Chlorobenzene	10.080	112	566588	49.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	215754	48.693	ug/l	98
67) Ethyl Benzene	10.195	91	1024994	49.847	ug/l	99
68) m/p-Xylenes	10.299	106	788279	100.174	ug/l	95
69) o-Xylene	10.640	106	394172	50.315	ug/l	95
70) Styrene	10.653	104	651499	51.134	ug/l	96
71) Bromoform	10.799	173	181056	50.060	ug/l	99
73) Isopropylbenzene	10.964	105	1016294	49.315	ug/l	99
74) N-amyl acetate	10.842	43	525343	50.742	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	347860	49.352	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	395469	58.123	ug/l	83
77) Bromobenzene	11.195	156	243871	49.175	ug/l	84
78) n-propylbenzene	11.305	91	1194994	49.859	ug/l	97
79) 2-Chlorotoluene	11.366	91	719872	48.983	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	851515	49.146	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	119407	45.083	ug/l	91
82) 4-Chlorotoluene	11.457	91	824350	49.248	ug/l	96
83) tert-Butylbenzene	11.713	119	874271	49.268	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	855881	48.856	ug/l	97
85) sec-Butylbenzene	11.890	105	1062370	49.300	ug/l	98
86) p-Isopropyltoluene	12.006	119	875074	49.067	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	456231	49.053	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	456876	48.701	ug/l	97
89) n-Butylbenzene	12.329	91	780476	49.135	ug/l	98
90) Hexachloroethane	12.536	117	179436	48.121	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	446178	49.031	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	78840	46.906	ug/l	78
93) 1,2,4-Trichlorobenzene	13.585	180	283888	48.592	ug/l	98
94) Hexachlorobutadiene	13.725	225	112080	46.277	ug/l	99
95) Naphthalene	13.774	128	971870	49.381	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	280564	48.372	ug/l	98

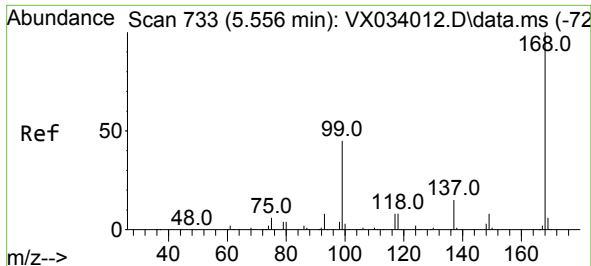
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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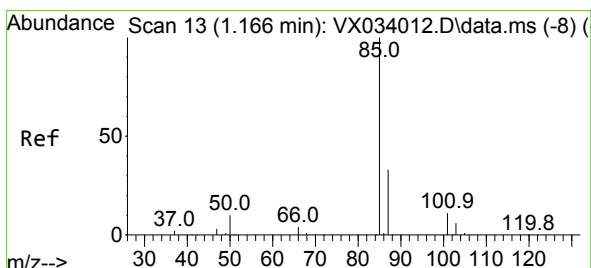
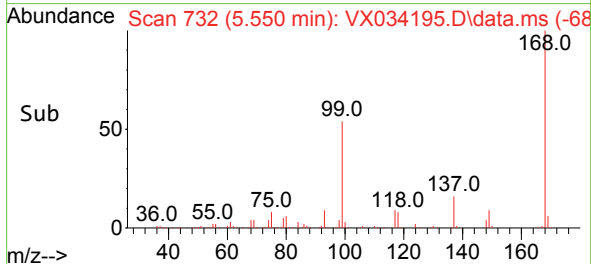
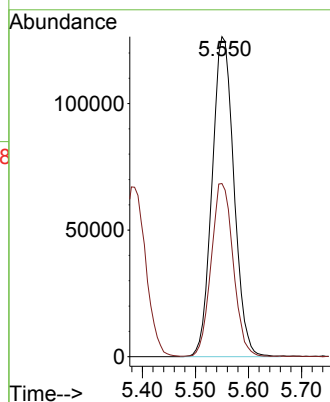
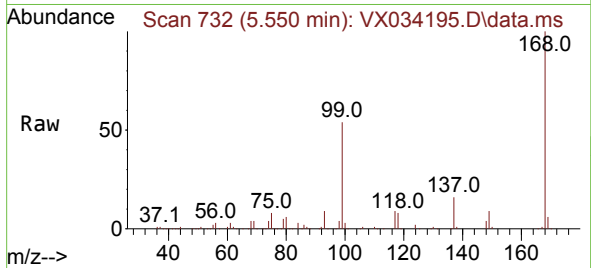
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034195.D
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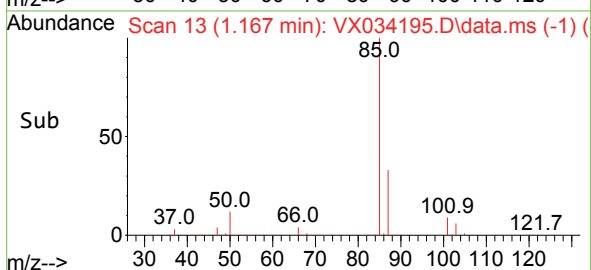
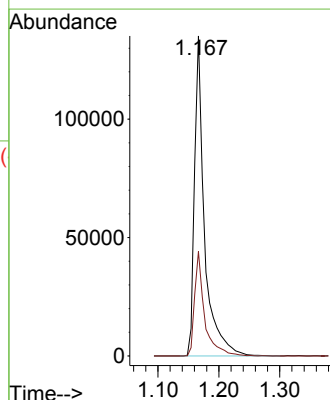
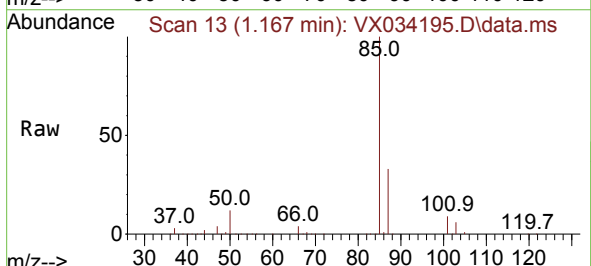
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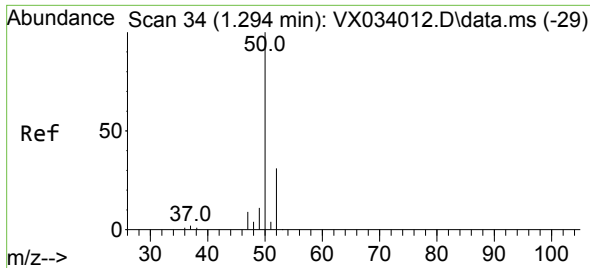
Tgt Ion:168 Resp: 362608
Ion Ratio Lower Upper
168 100
99 54.0 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 49.104 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 85 Resp: 153860
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4

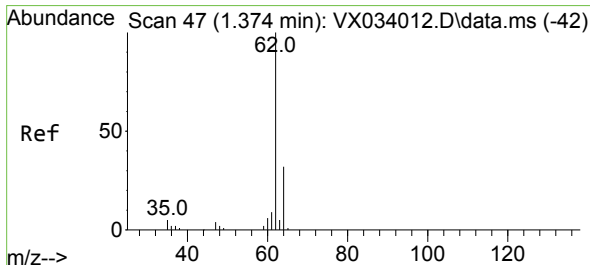
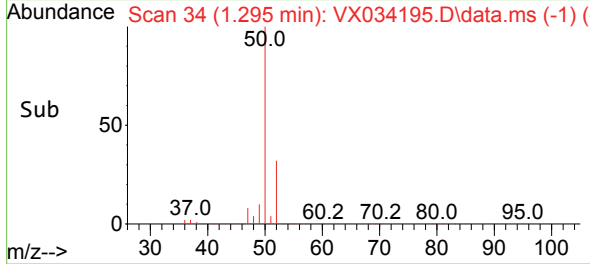
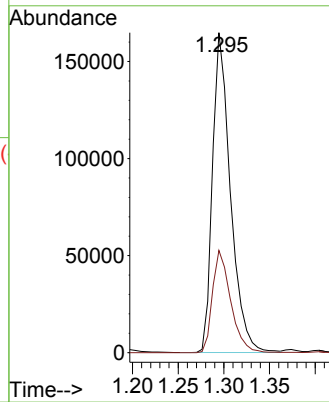
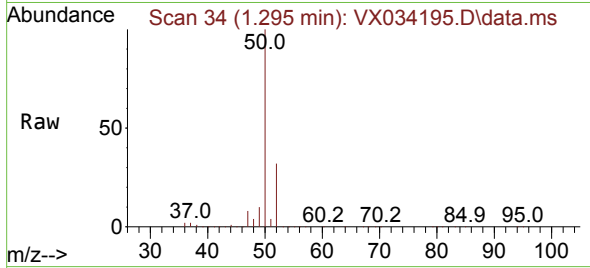




#3
Chloromethane
Concen: 49.851 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

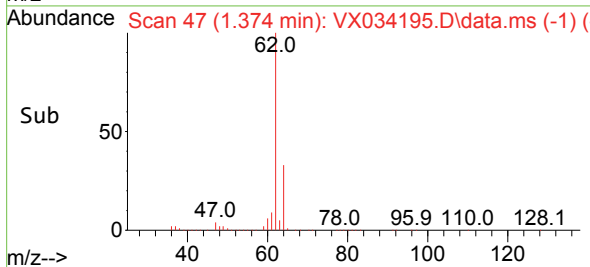
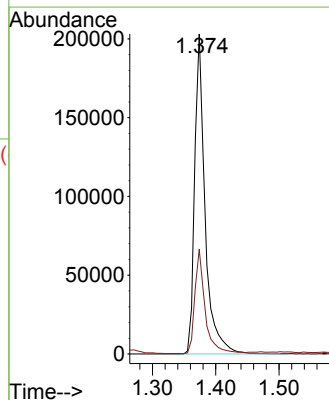
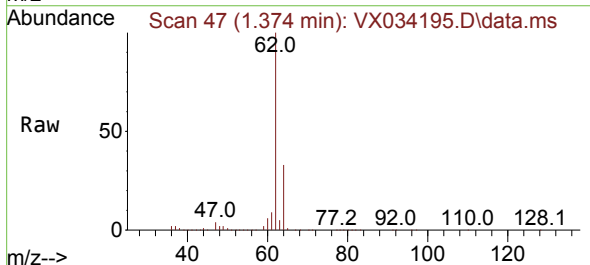
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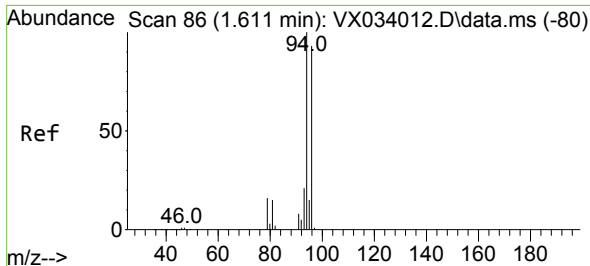
Tgt Ion: 50 Resp: 224780
Ion Ratio Lower Upper
50 100
52 32.0 25.2 37.8



#4
Vinyl Chloride
Concen: 56.942 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 62 Resp: 233827
Ion Ratio Lower Upper
62 100
64 32.6 26.2 39.4

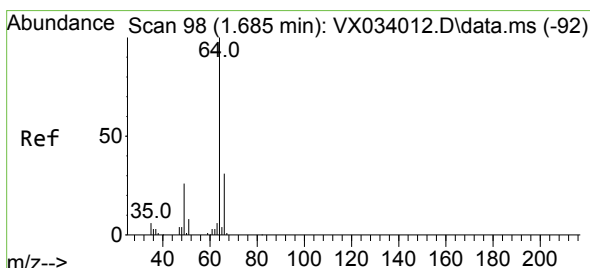
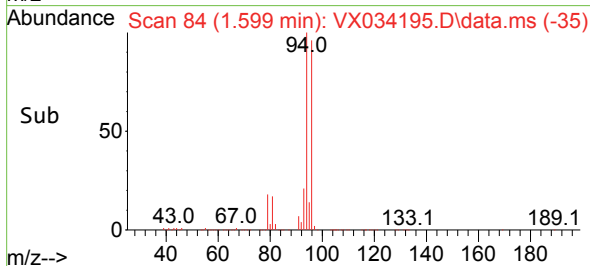
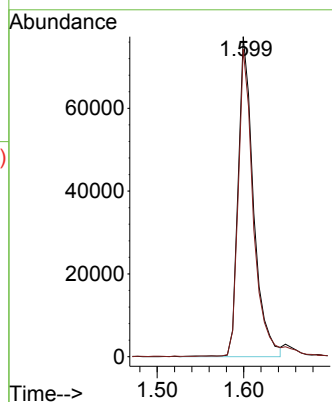
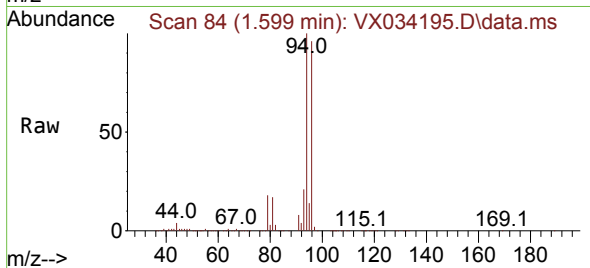




#5
Bromomethane
Concen: 62.750 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

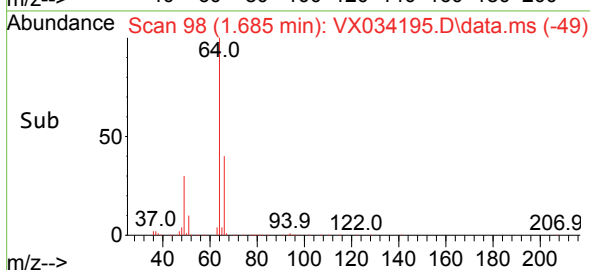
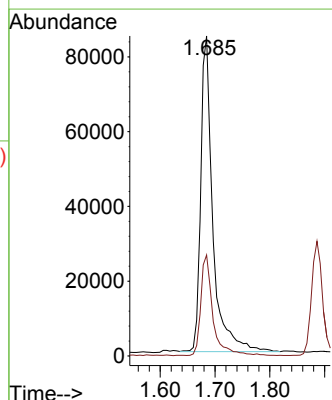
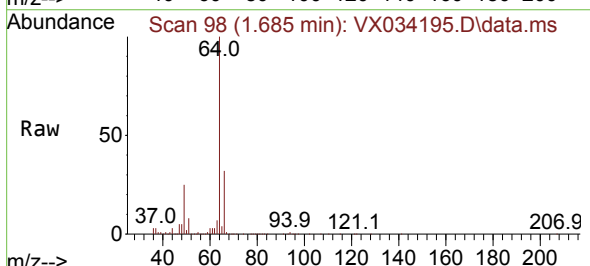
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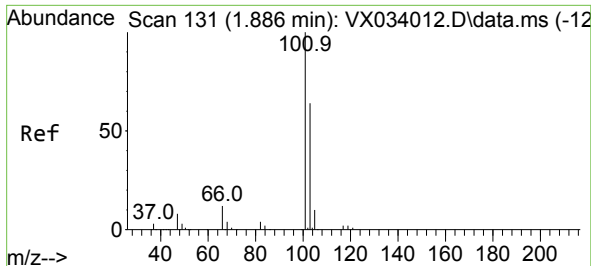
Tgt Ion: 94 Resp: 95063
Ion Ratio Lower Upper
94 100
96 96.1 74.3 111.5



#6
Chloroethane
Concen: 62.806 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 64 Resp: 129657
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1

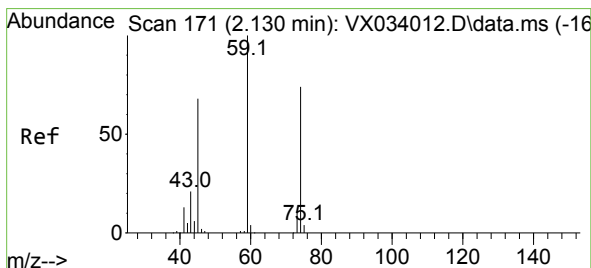
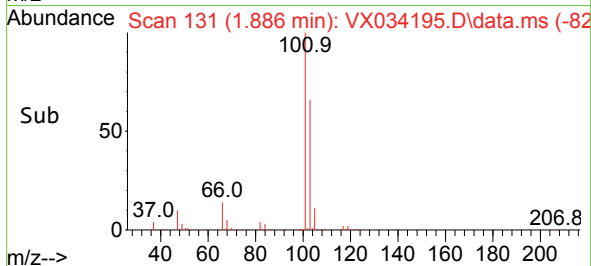
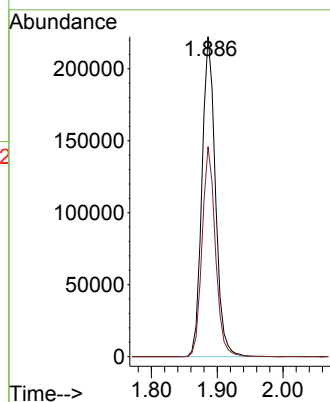
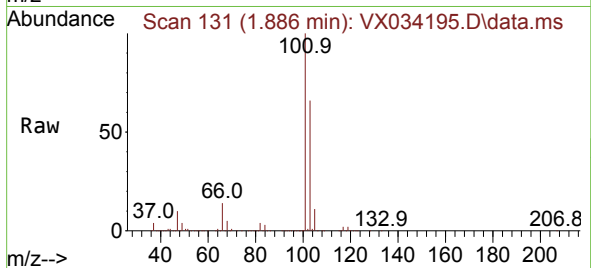




#7
 Trichlorofluoromethane
 Concen: 56.861 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

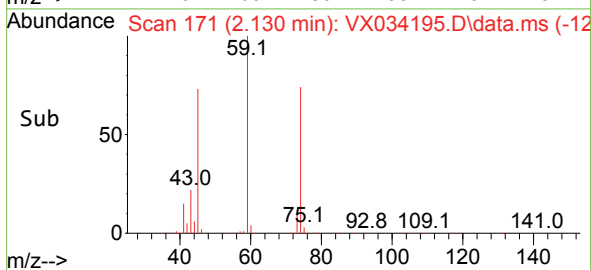
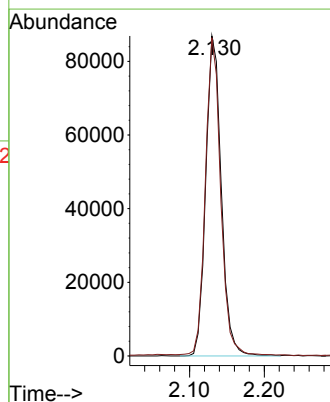
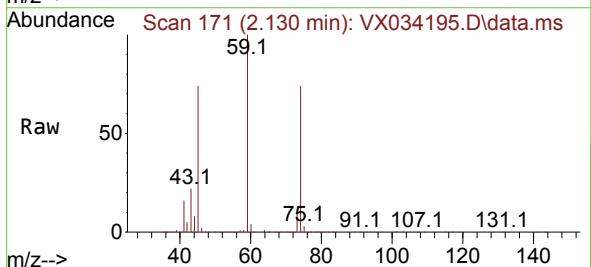
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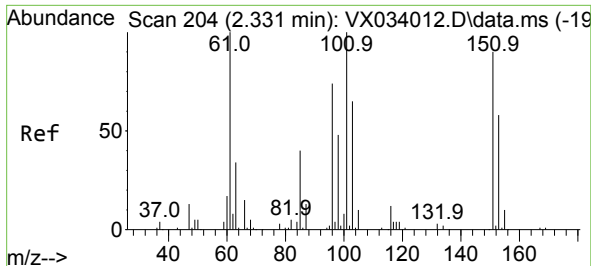
Tgt Ion:101 Resp: 315892
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.6 75.8



#8
 Diethyl Ether
 Concen: 55.822 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

Tgt Ion: 74 Resp: 124941
 Ion Ratio Lower Upper
 74 100
 45 98.1 51.5 154.5

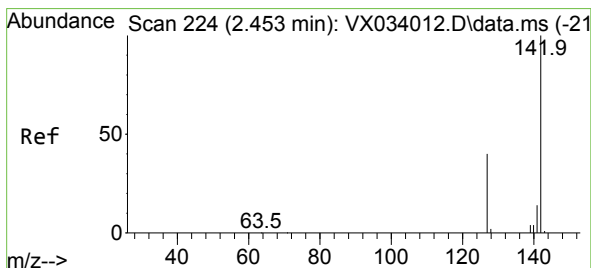
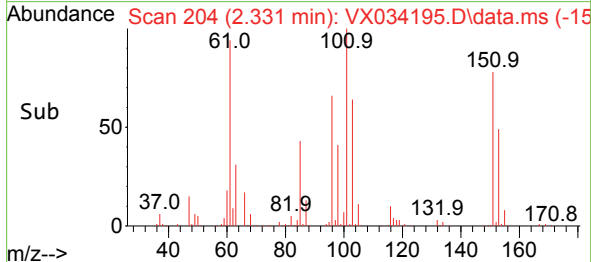
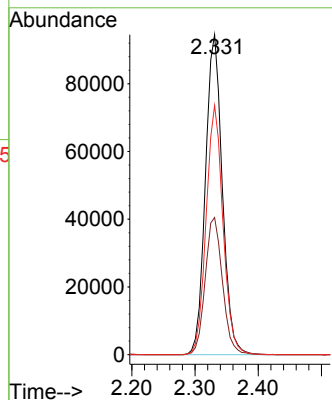
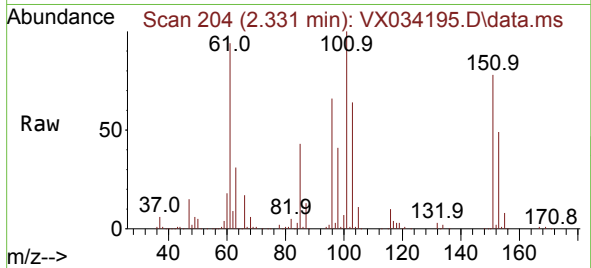




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.858 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034195.D
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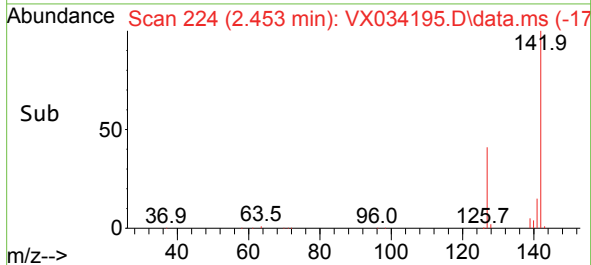
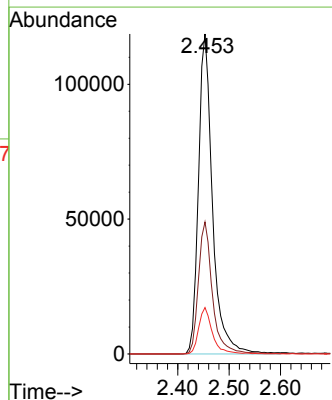
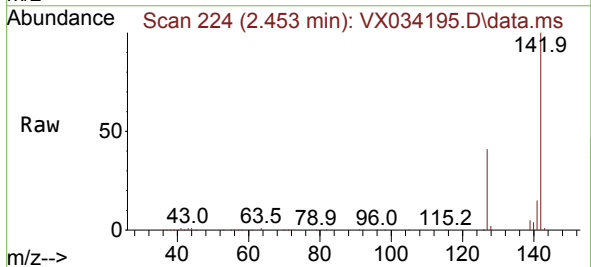
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

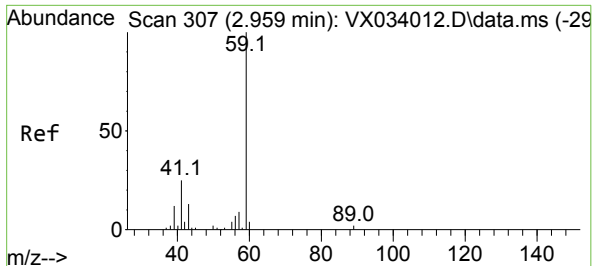
Tgt Ion:101 Resp: 175505
Ion Ratio Lower Upper
101 100
85 44.0 36.7 55.1
151 77.9 66.5 99.7



#10
Methyl Iodide
Concen: 47.387 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion:142 Resp: 225736
Ion Ratio Lower Upper
142 100
127 41.2 37.3 55.9
141 14.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 218.481 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

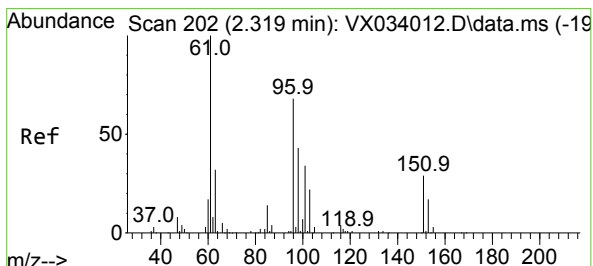
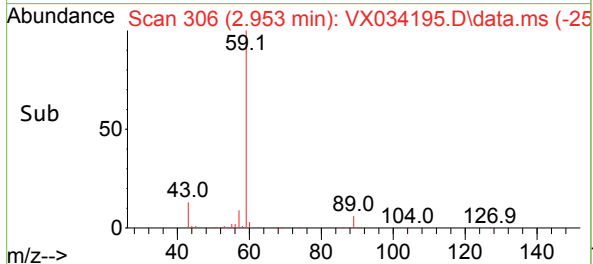
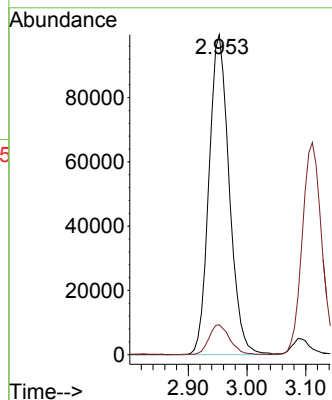
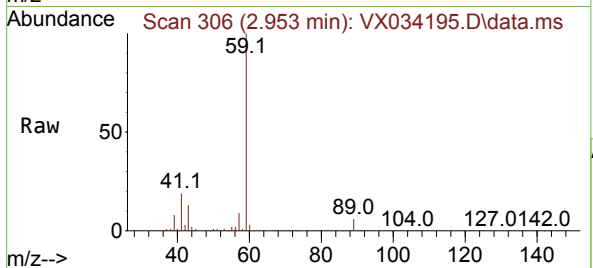
VSTDCCC050EC

Tgt Ion: 59 Resp: 238636

Ion Ratio Lower Upper

59 100

57 9.8 3.7 5.5#



#12

1,1-Dichloroethene

Concen: 46.999 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

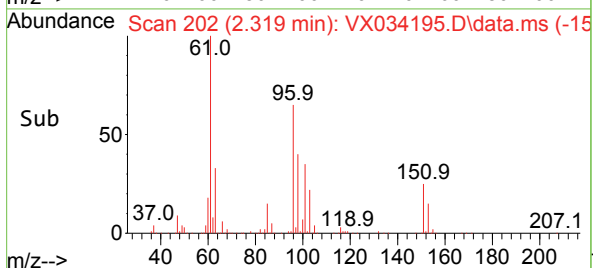
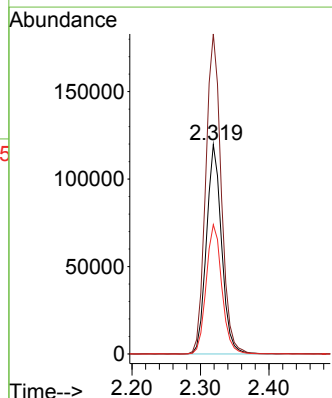
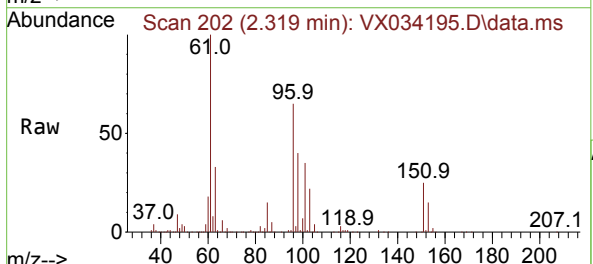
Tgt Ion: 96 Resp: 184330

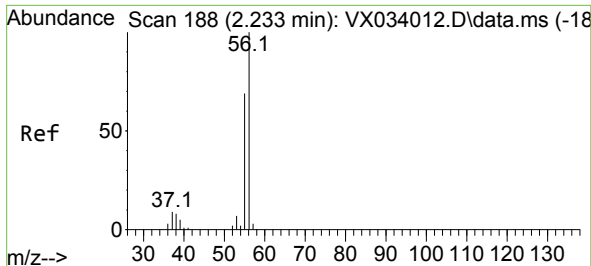
Ion Ratio Lower Upper

96 100

61 152.8 134.2 201.4

98 61.7 50.2 75.2

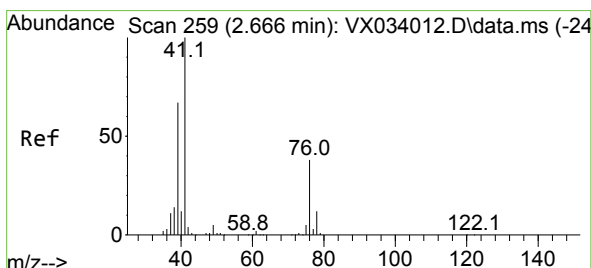
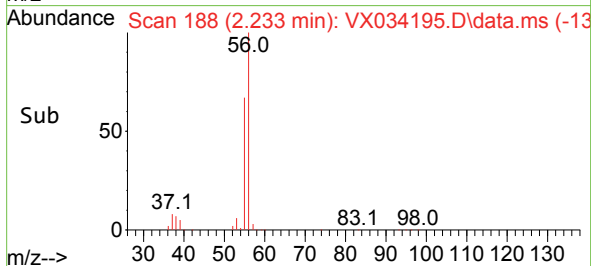
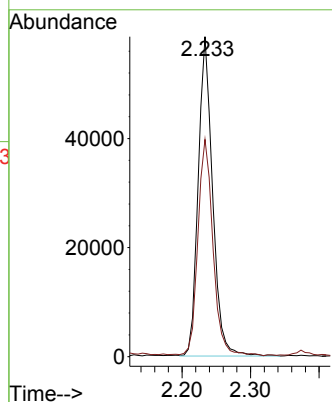
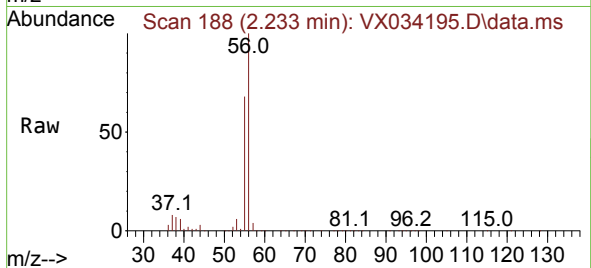




#13
Acrolein
Concen: 171.970 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

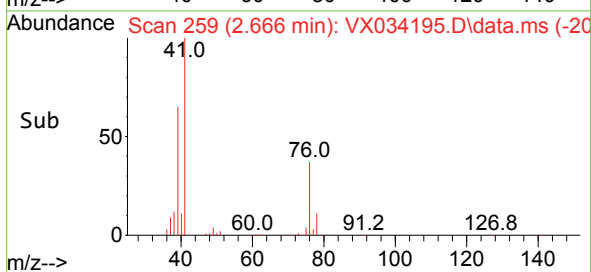
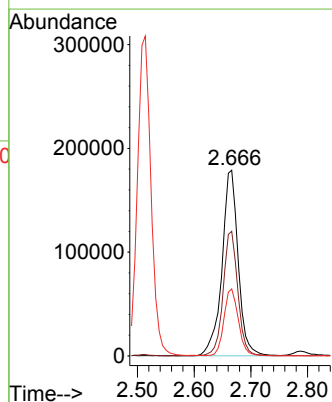
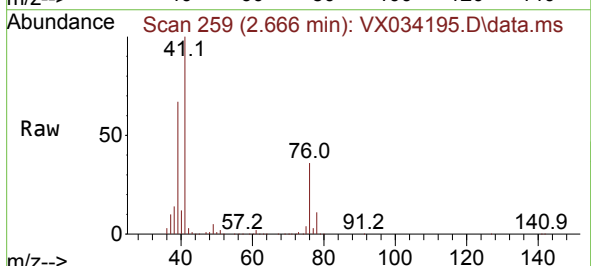
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

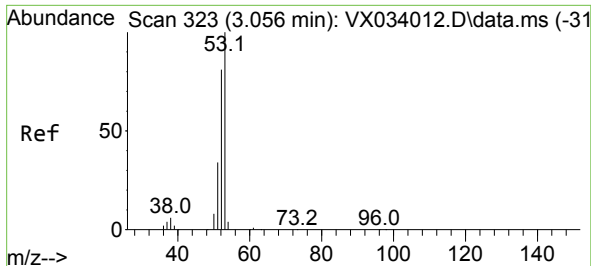
Tgt Ion: 56 Resp: 85743
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5



#14
Allyl chloride
Concen: 42.854 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 41 Resp: 356525
Ion Ratio Lower Upper
41 100
39 60.7 59.0 88.4
76 31.9 24.6 37.0

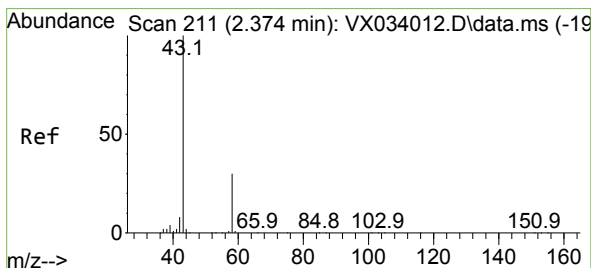
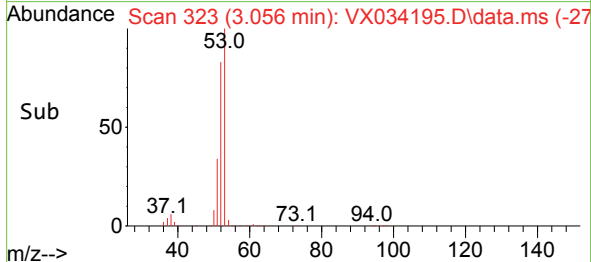
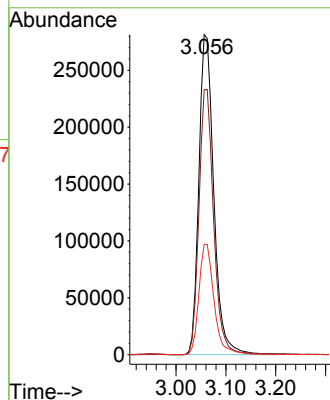
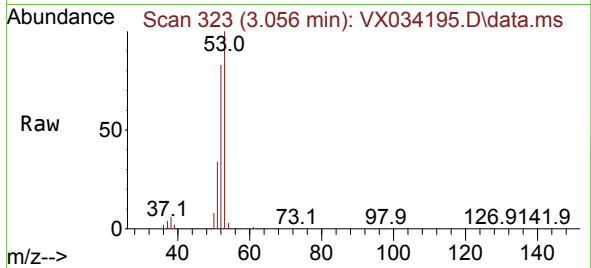




#15
Acrylonitrile
Concen: 246.282 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

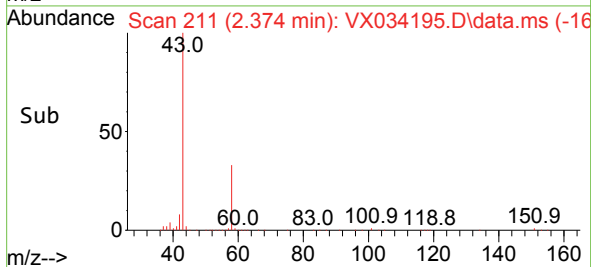
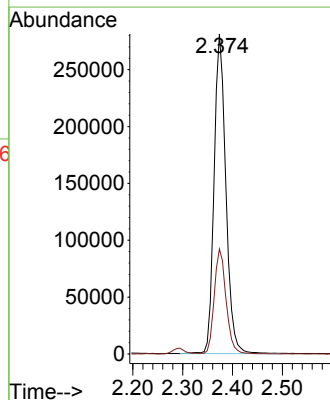
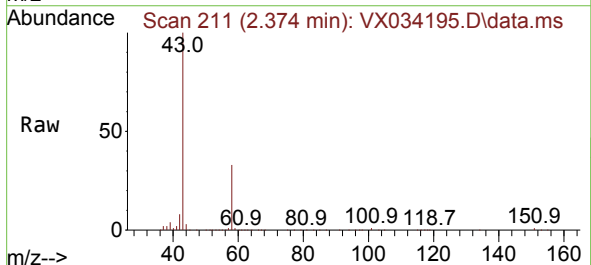
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

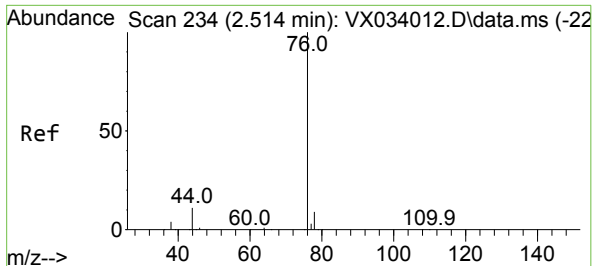
Tgt Ion: 53 Resp: 586834
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 35.1 29.0 43.4



#16
Acetone
Concen: 183.153 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 43 Resp: 461387
Ion Ratio Lower Upper
43 100
58 32.8 22.6 33.8

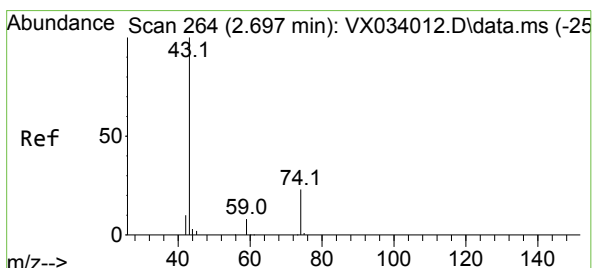
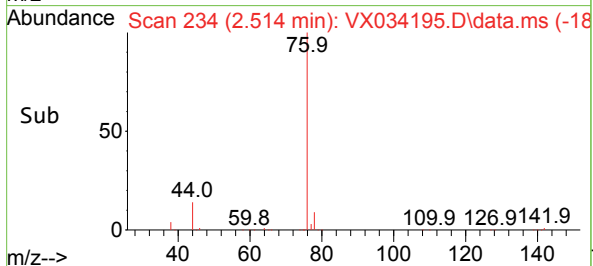
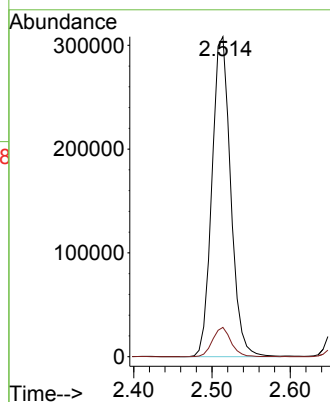
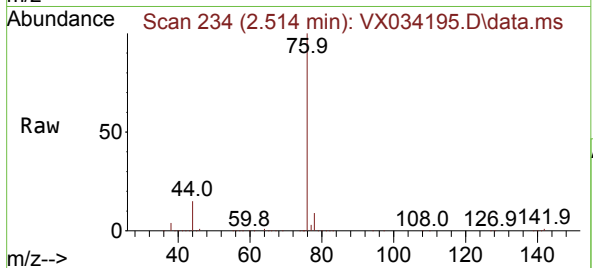




#17
Carbon Disulfide
Concen: 45.415 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

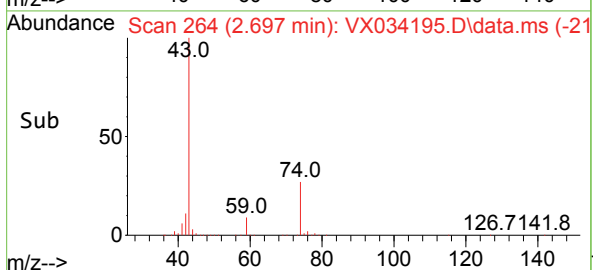
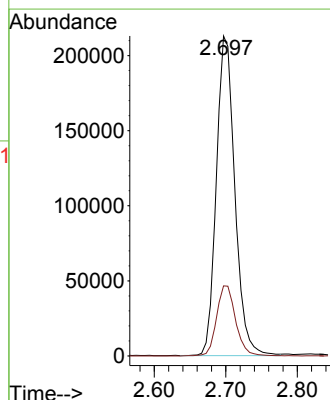
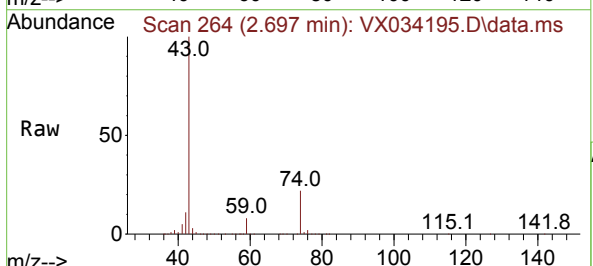
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

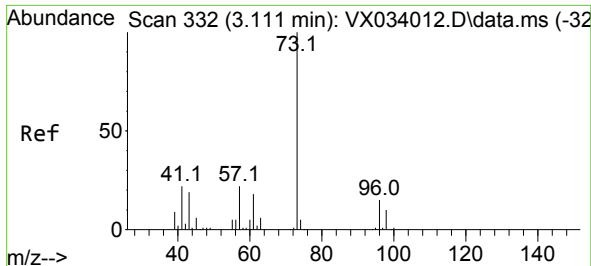
Tgt Ion: 76 Resp: 512103
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 49.084 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 43 Resp: 382604
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.4

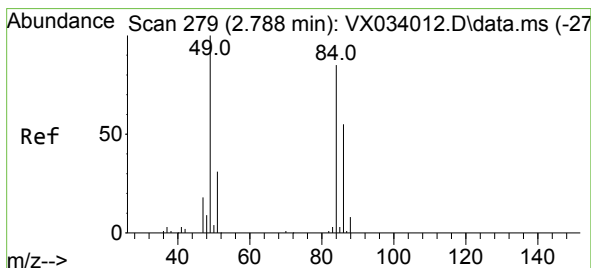
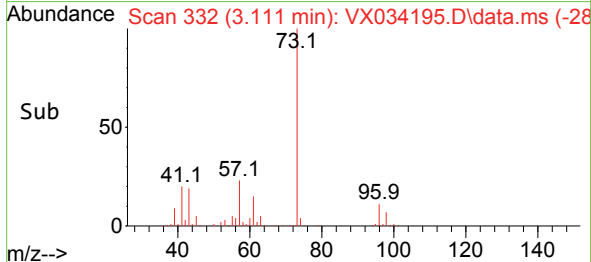
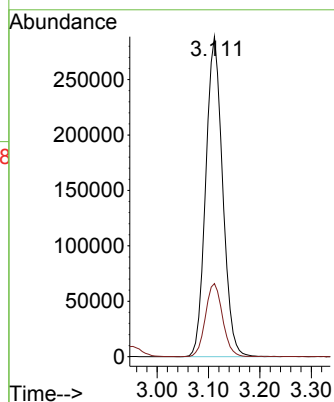
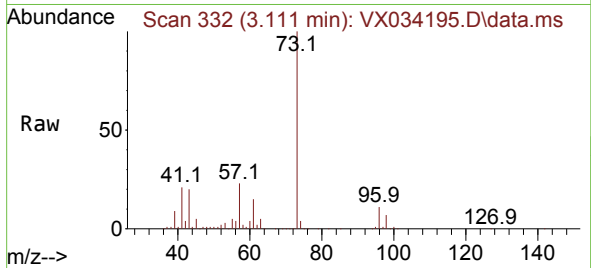




#19
Methyl tert-butyl Ether
Concen: 47.520 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

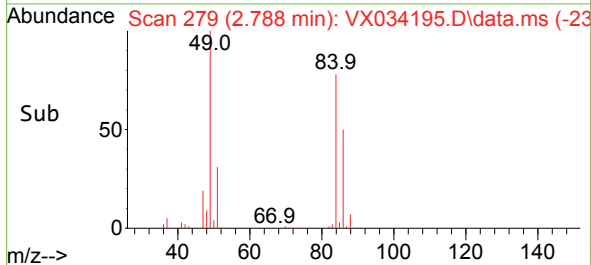
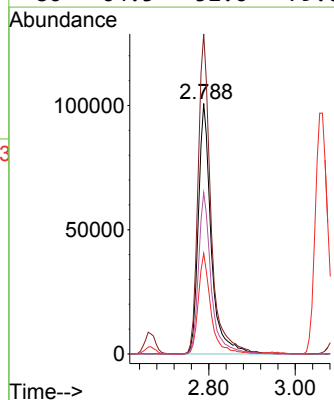
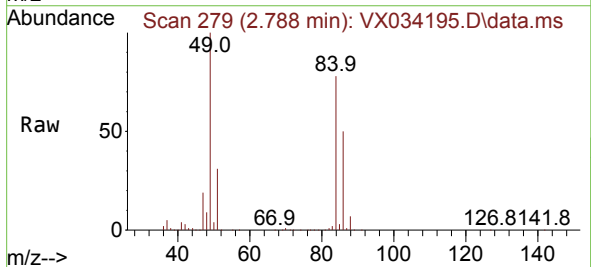
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

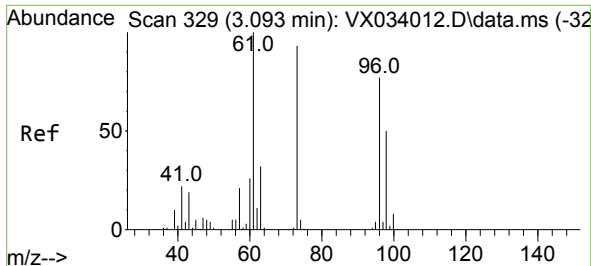
Tgt Ion: 73 Resp: 657784
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0



#20
Methylene Chloride
Concen: 45.788 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 84 Resp: 207832
Ion Ratio Lower Upper
84 100
49 127.8 101.1 151.7
51 40.1 31.0 46.6
86 64.5 52.6 79.0

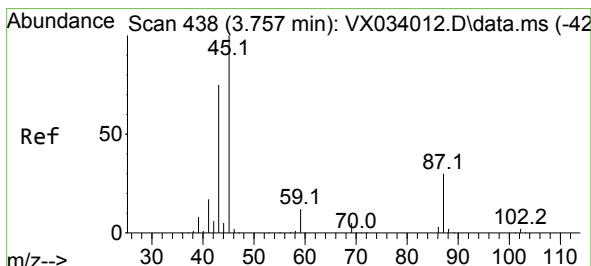
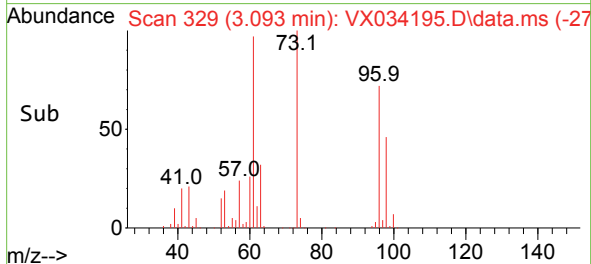
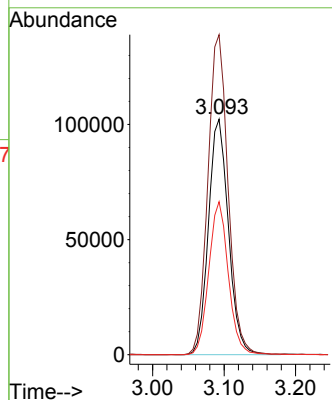
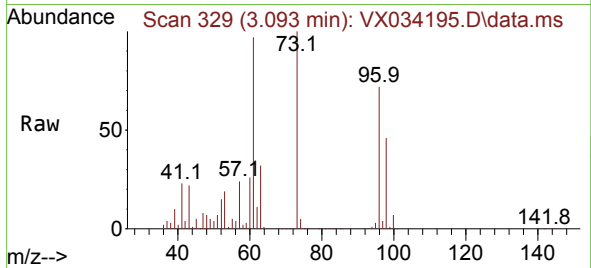




#21
trans-1,2-Dichloroethene
Concen: 48.343 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

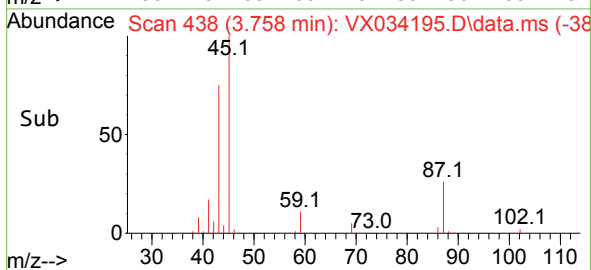
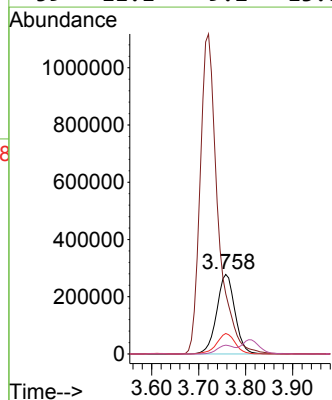
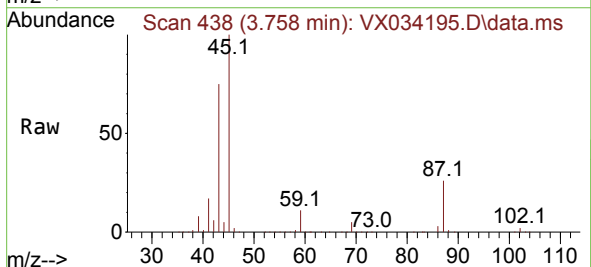
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

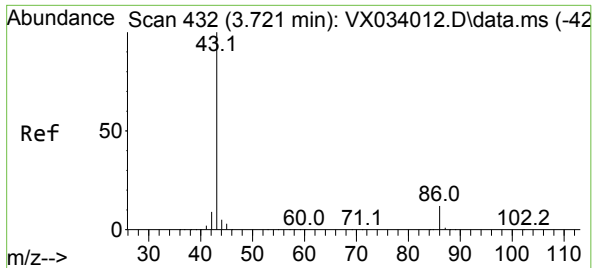
Tgt Ion: 96 Resp: 198675
Ion Ratio Lower Upper
96 100
61 135.9 106.7 160.1
98 64.9 50.0 75.0



#22
Diisopropyl ether
Concen: 51.387 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 45 Resp: 749495
Ion Ratio Lower Upper
45 100
43 75.4 64.6 97.0
87 25.7 21.9 32.9
59 11.1 9.2 13.8

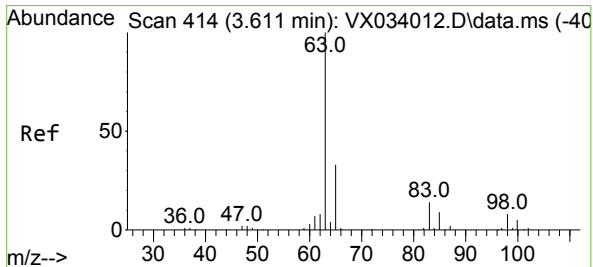
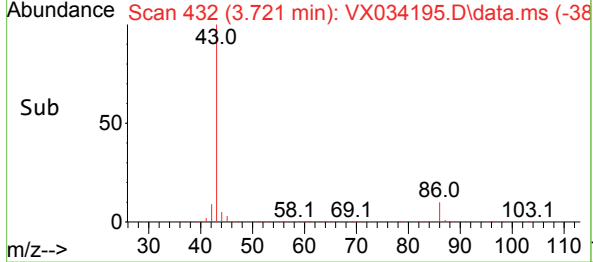
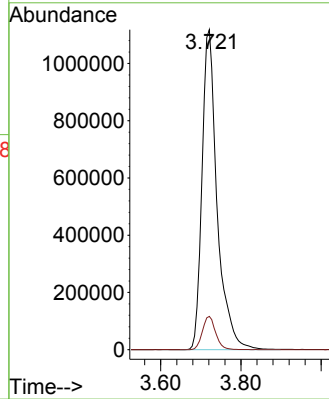
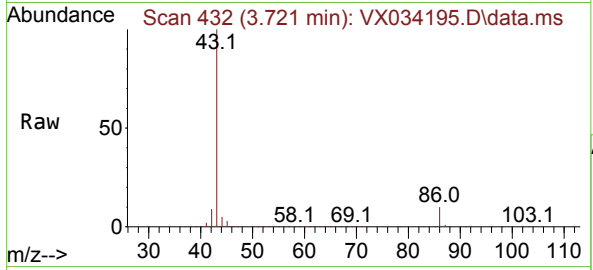




#23
 Vinyl Acetate
 Concen: 250.688 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

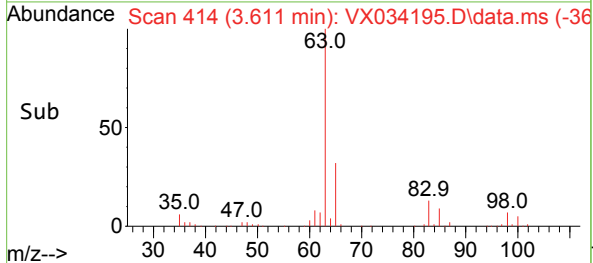
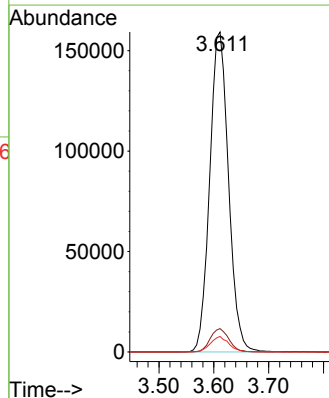
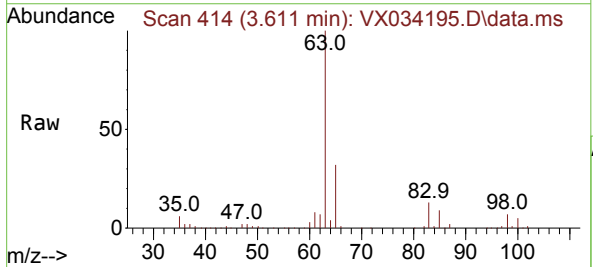
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

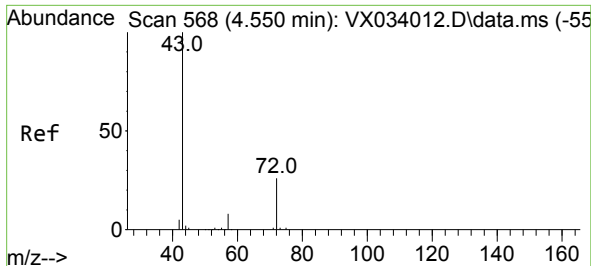
Tgt Ion: 43 Resp: 2929424
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 47.327 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

Tgt Ion: 63 Resp: 378949
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.8 2.4 7.2

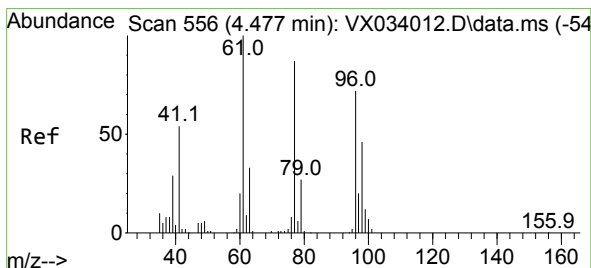
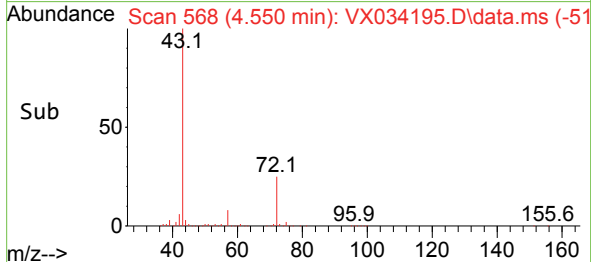
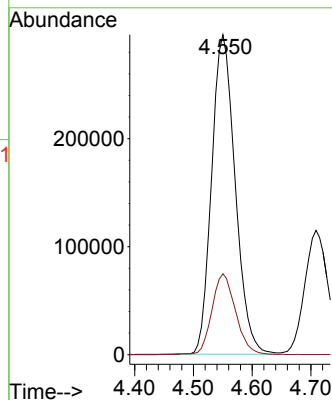
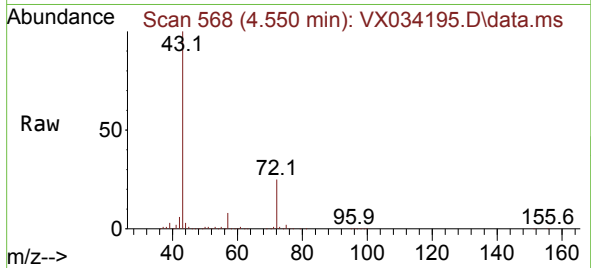




#25
2-Butanone
Concen: 225.910 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

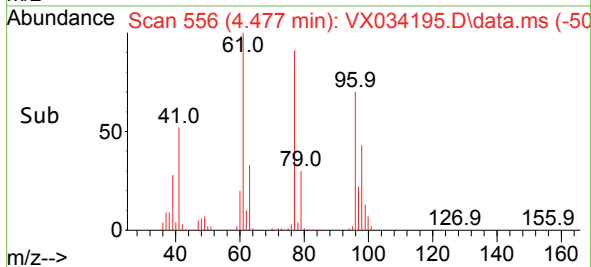
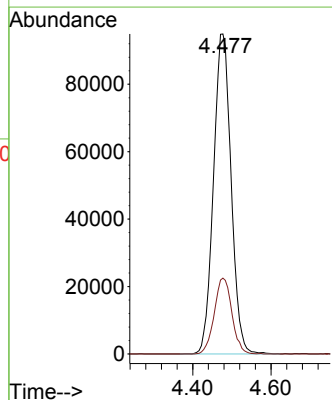
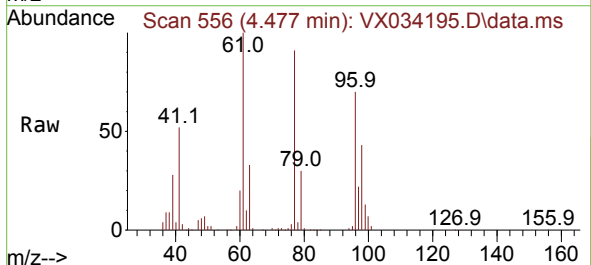
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

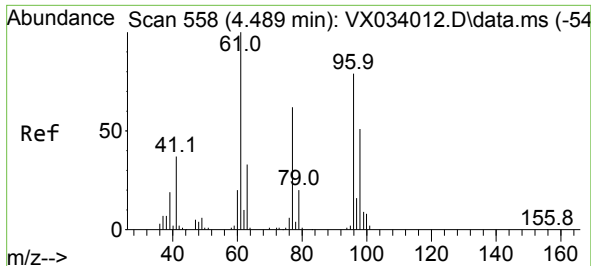
Tgt Ion: 43 Resp: 823436
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2



#26
2,2-Dichloropropane
Concen: 40.815 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 77 Resp: 296050
Ion Ratio Lower Upper
77 100
97 23.7 11.9 35.5

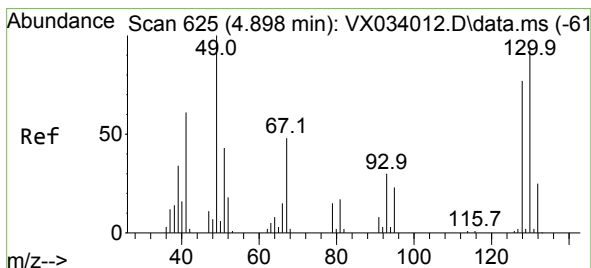
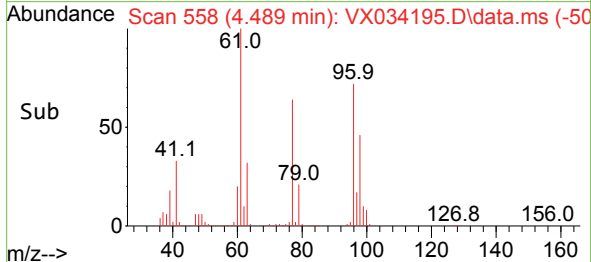
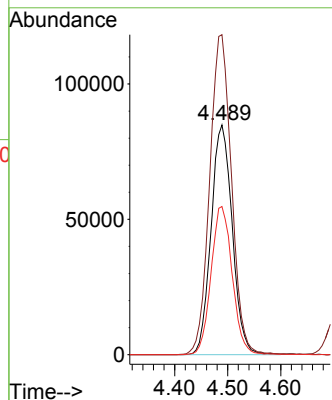
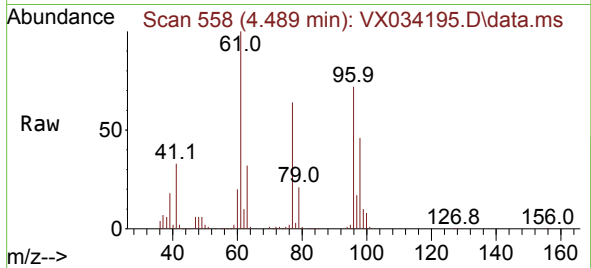




#27
 cis-1,2-Dichloroethene
 Concen: 48.471 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

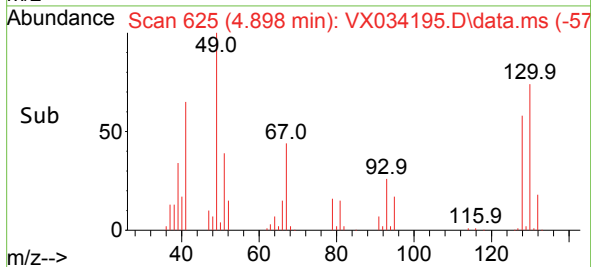
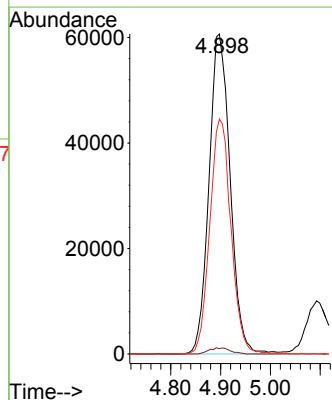
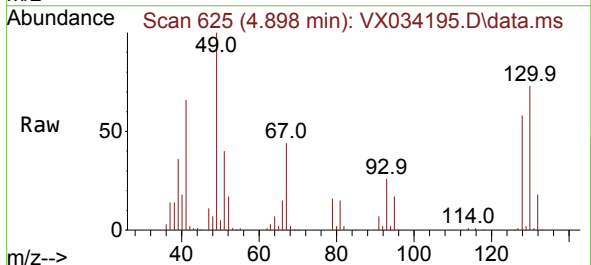
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

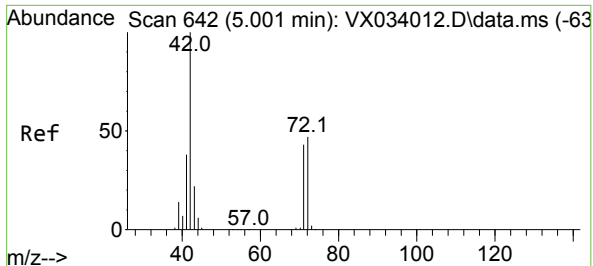
Tgt Ion: 96 Resp: 235888
 Ion Ratio Lower Upper
 96 100
 61 143.3 0.0 277.6
 98 64.3 0.0 128.0



#28
 Bromochloromethane
 Concen: 50.113 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.006 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

Tgt Ion: 49 Resp: 178999
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 73.3 68.5 102.7





#29

Tetrahydrofuran

Concen: 250.174 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

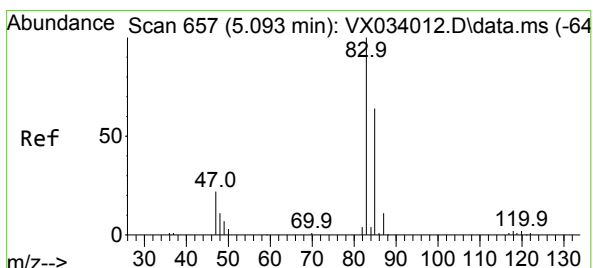
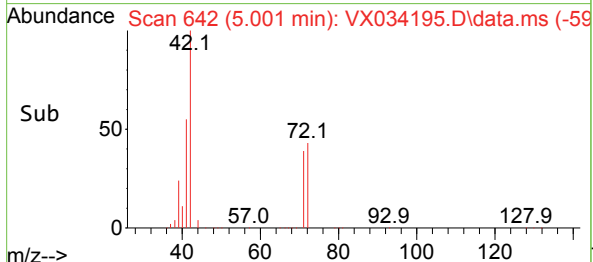
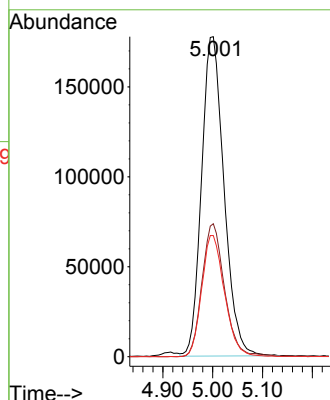
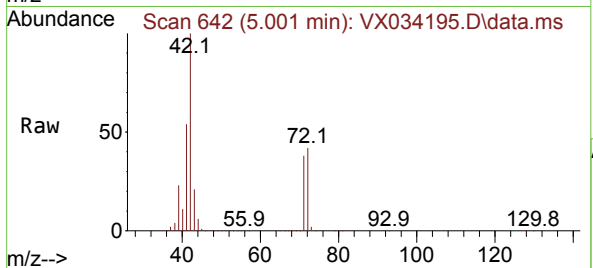
Tgt Ion: 42 Resp: 556285

Ion Ratio Lower Upper

42 100

72 41.8 34.8 52.2

71 38.5 32.2 48.2



#30

Chloroform

Concen: 48.820 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX034195.D

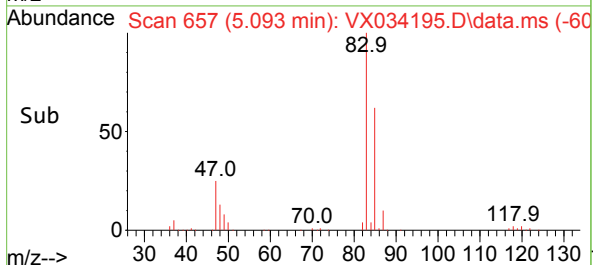
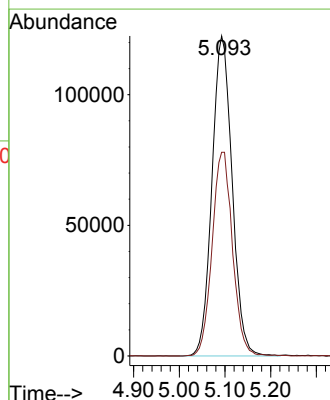
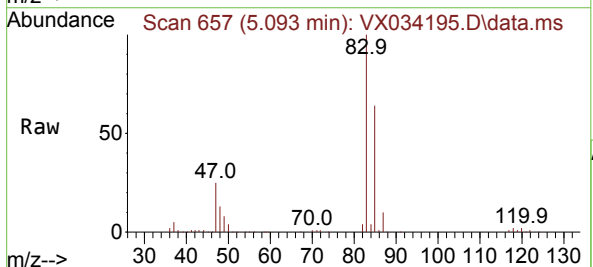
Acq: 20 Feb 2023 18:06

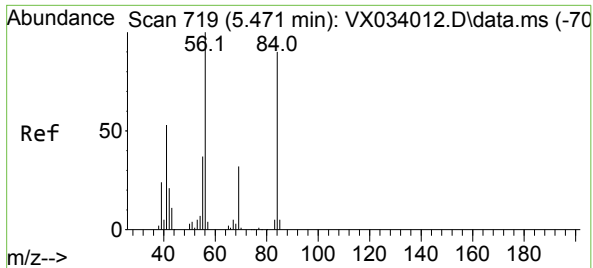
Tgt Ion: 83 Resp: 375356

Ion Ratio Lower Upper

83 100

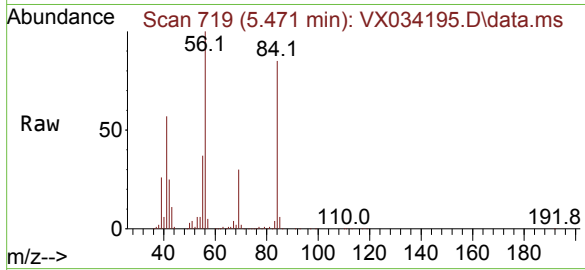
85 63.7 52.1 78.1



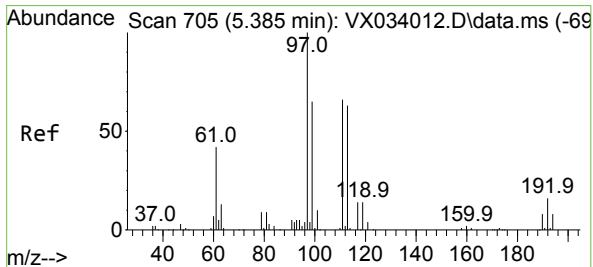
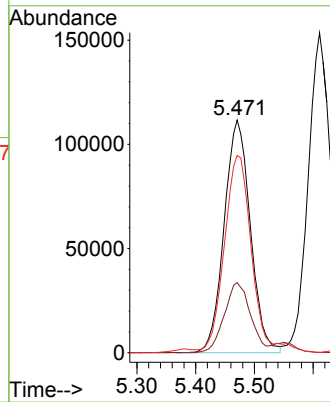
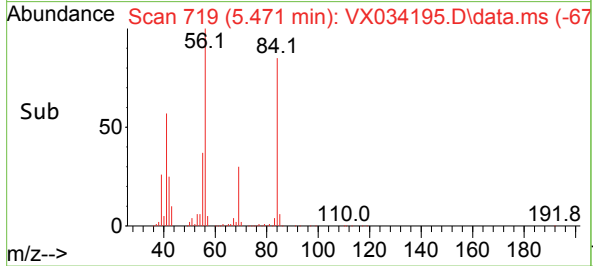


#31
Cyclohexane
Concen: 47.454 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

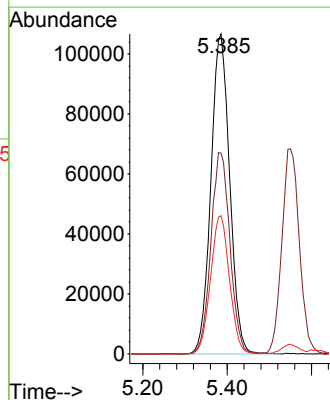
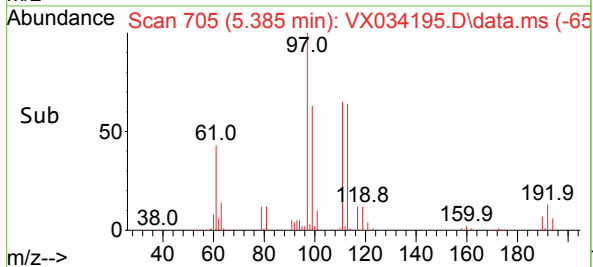
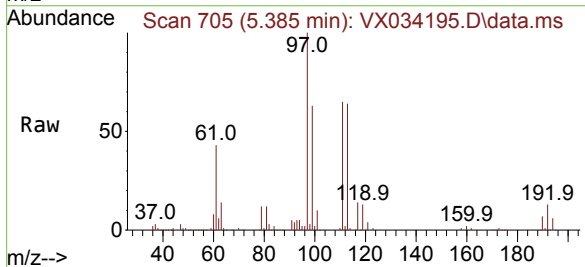


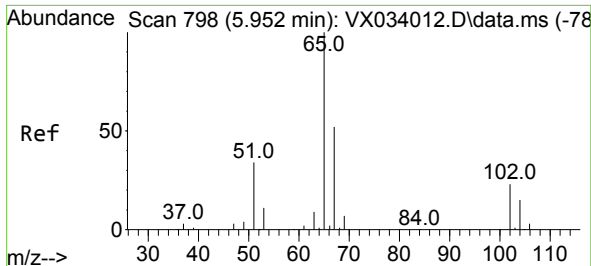
Tgt Ion: 56 Resp: 345987
Ion Ratio Lower Upper
56 100
69 30.1 24.6 37.0
84 83.3 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 47.803 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 97 Resp: 329472
Ion Ratio Lower Upper
97 100
99 63.8 52.3 78.5
61 43.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.190 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

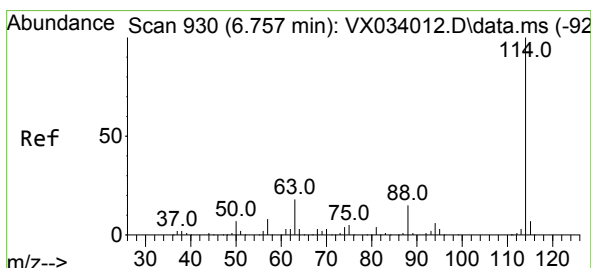
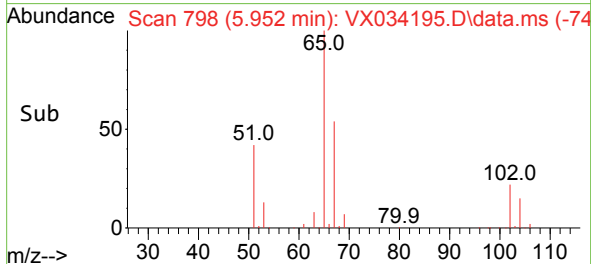
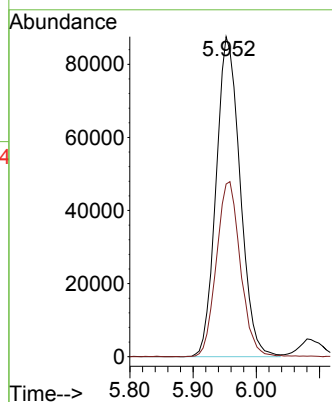
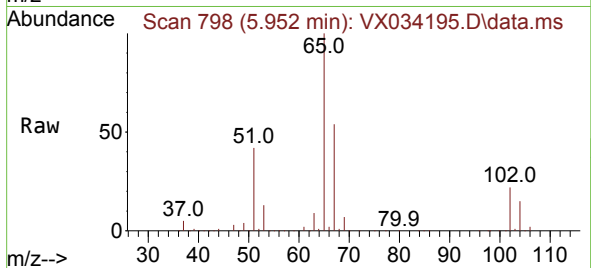
VSTDCCC050EC

Tgt Ion: 65 Resp: 230452

Ion Ratio Lower Upper

65 100

67 54.9 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

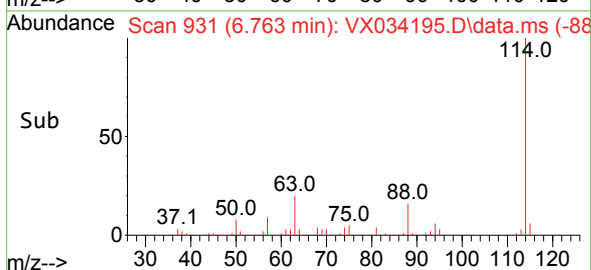
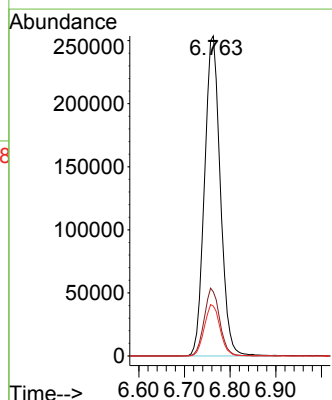
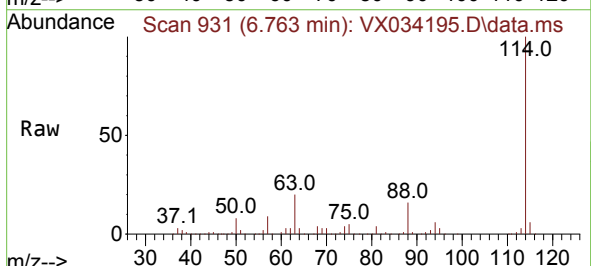
Tgt Ion: 114 Resp: 606752

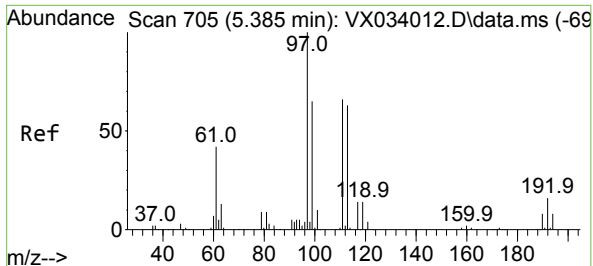
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.6 0.0 30.6

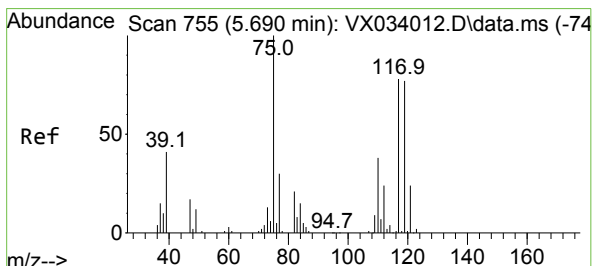
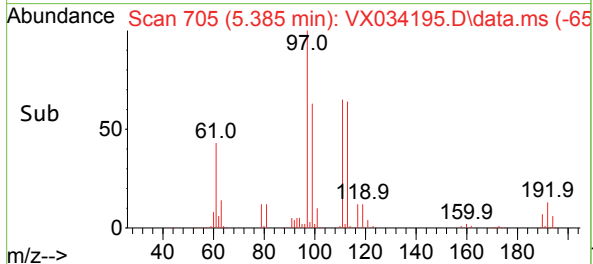
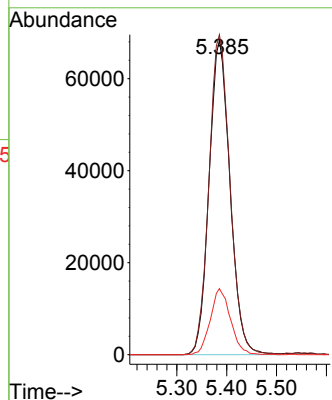
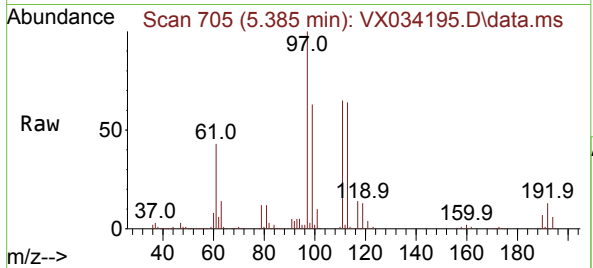




#35
Dibromofluoromethane
Concen: 50.372 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

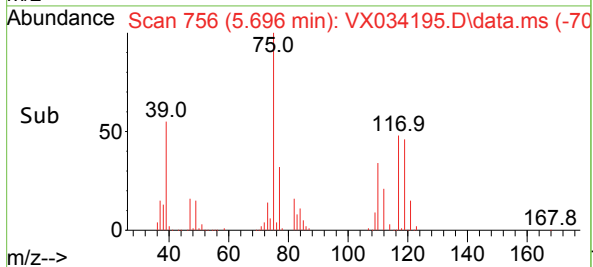
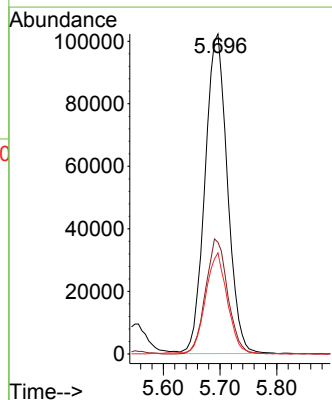
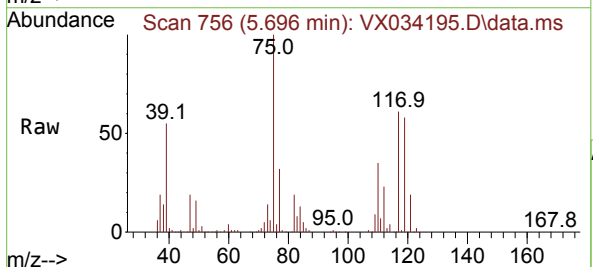
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

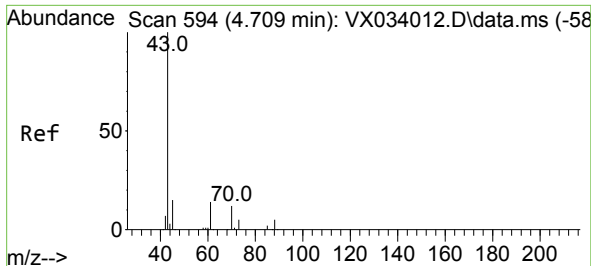
Tgt Ion:113 Resp: 198998
Ion Ratio Lower Upper
113 100
111 102.4 83.0 124.6
192 20.3 19.0 28.4



#36
1,1-Dichloropropene
Concen: 47.983 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 75 Resp: 280338
Ion Ratio Lower Upper
75 100
110 35.6 18.8 56.4
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 50.162 ug/l

RT: 4.709 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

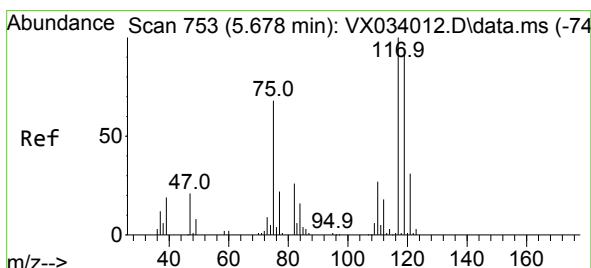
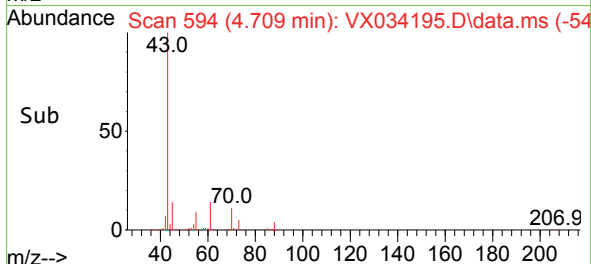
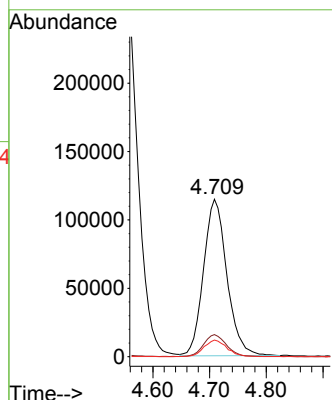
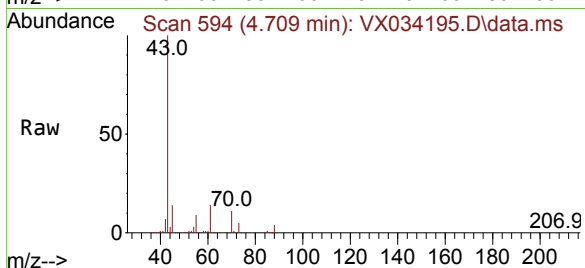
Tgt Ion: 43 Resp: 327536

Ion Ratio Lower Upper

43 100

61 13.6 11.1 16.7

70 10.6 8.5 12.7



#38

Carbon Tetrachloride

Concen: 47.324 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

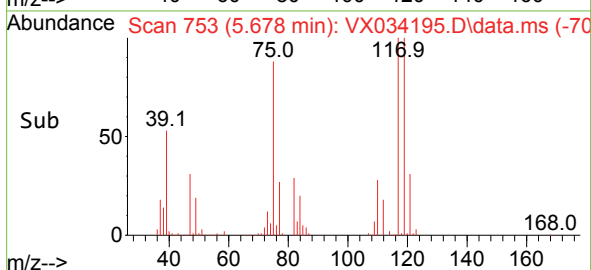
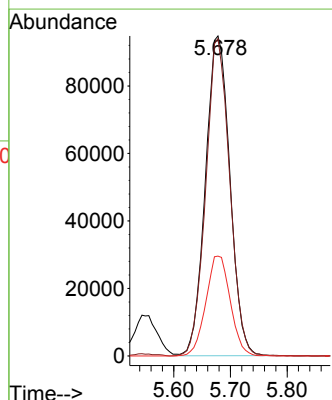
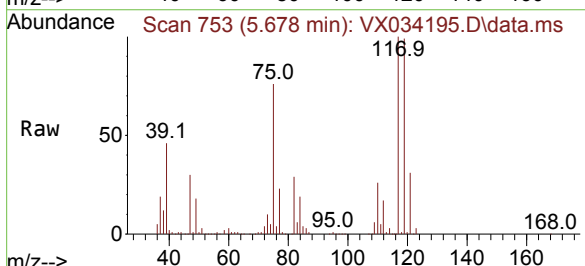
Tgt Ion: 117 Resp: 284513

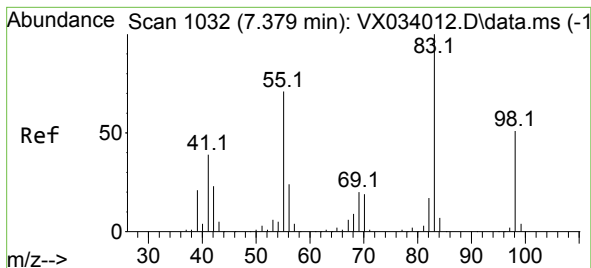
Ion Ratio Lower Upper

117 100

119 99.1 78.0 117.0

121 31.2 24.4 36.6





#39

Methylcyclohexane

Concen: 45.828 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

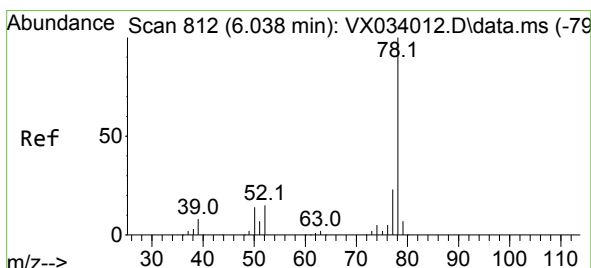
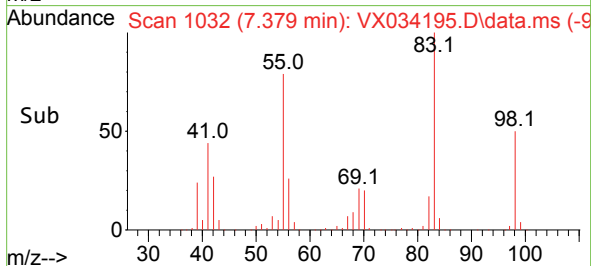
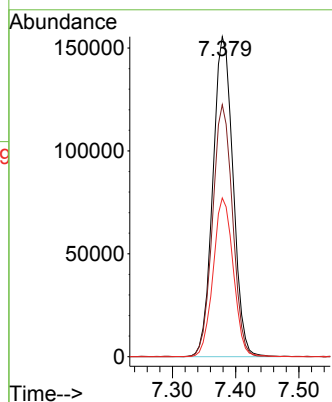
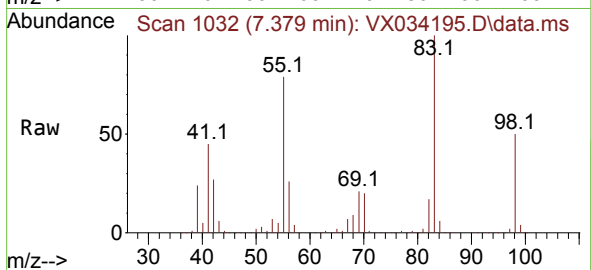
Tgt Ion: 83 Resp: 344562

Ion Ratio Lower Upper

83 100

55 78.7 61.8 92.6

98 49.6 39.3 58.9



#40

Benzene

Concen: 49.408 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX034195.D

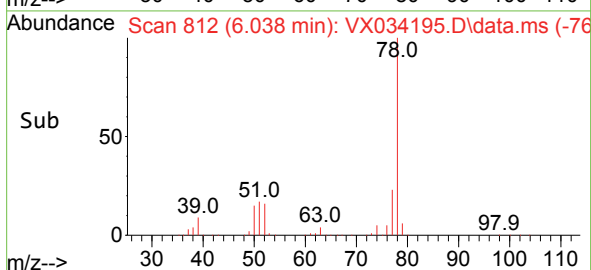
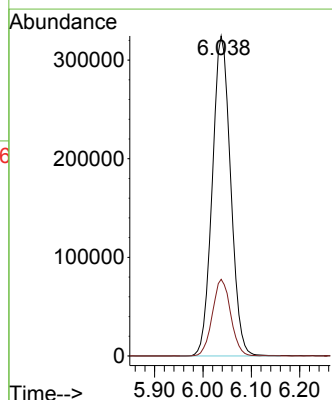
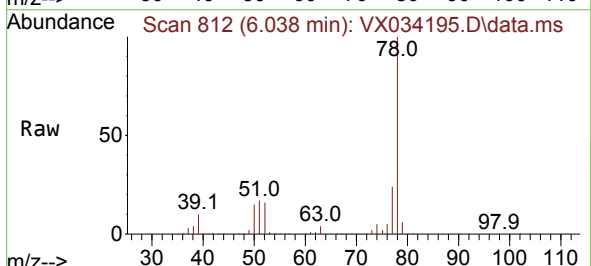
Acq: 20 Feb 2023 18:06

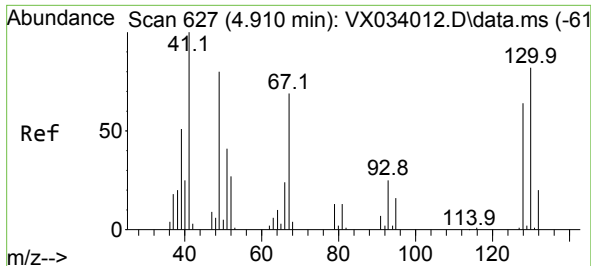
Tgt Ion: 78 Resp: 855442

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4



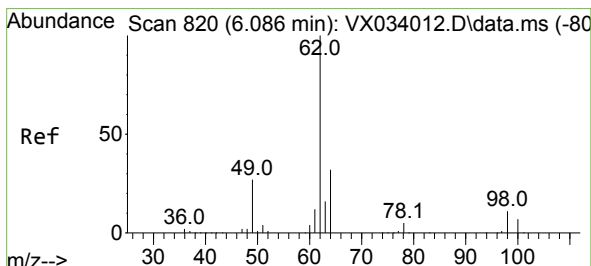
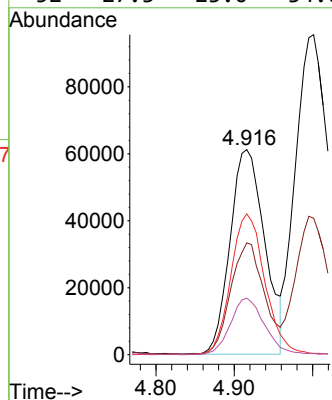
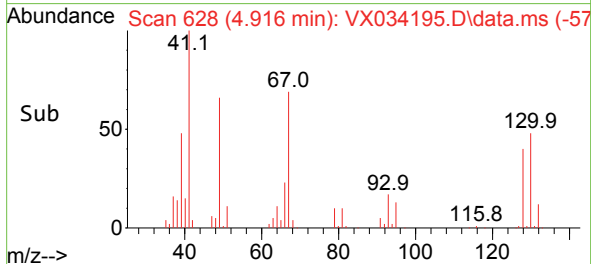
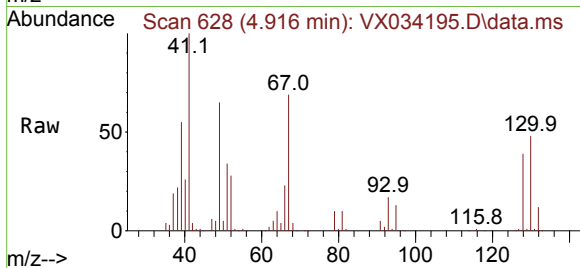


#41
Methacrylonitrile
Concen: 51.695 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 188066

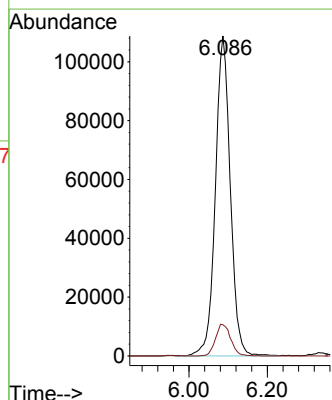
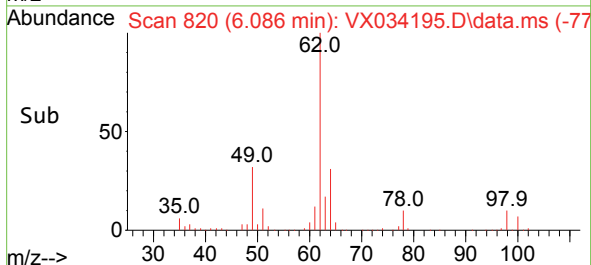
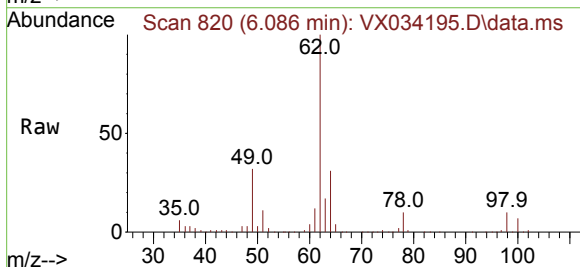
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.8	65.6
67	67.8	54.8	82.2
52	27.3	23.0	34.6

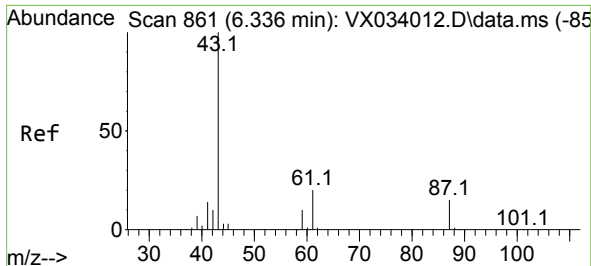


#42
1,2-Dichloroethane
Concen: 47.266 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 62 Resp: 287821

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

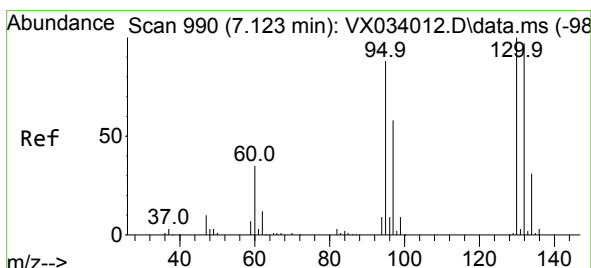
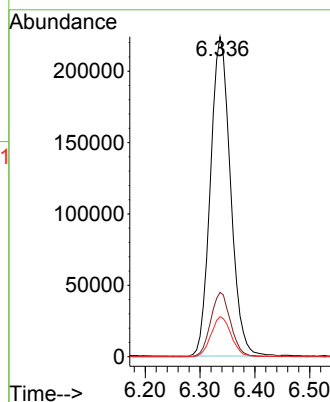
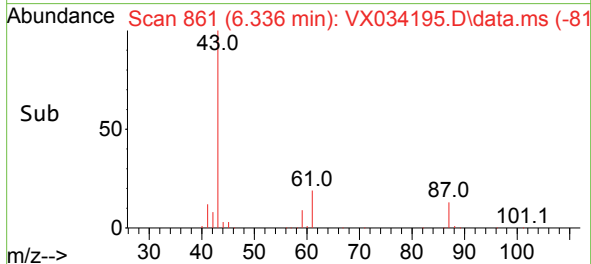
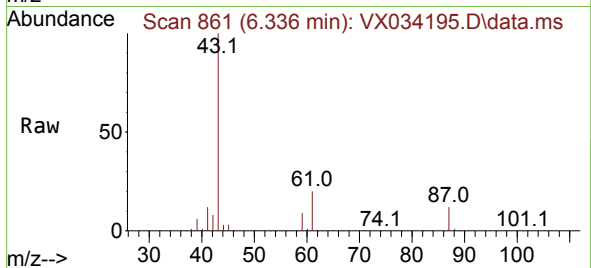




#43
Isopropyl Acetate
Concen: 49.288 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

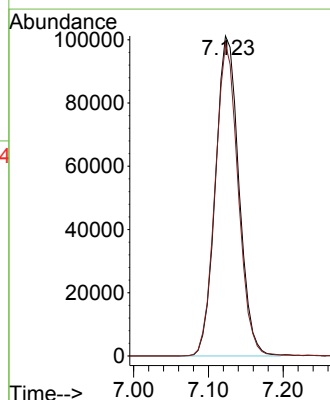
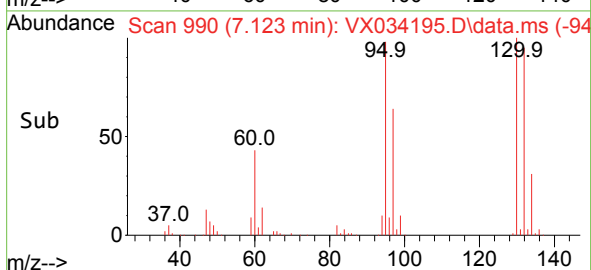
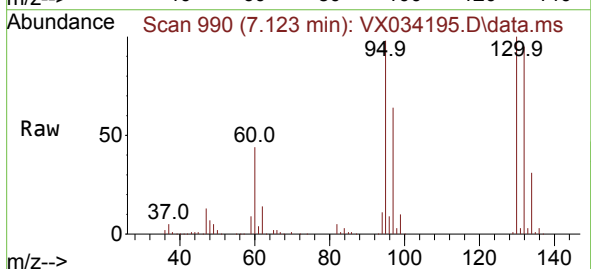
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

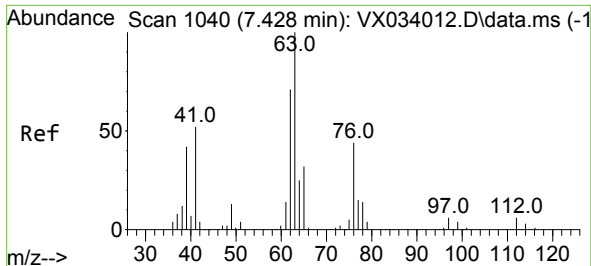
Tgt Ion: 43 Resp: 567917
Ion Ratio Lower Upper
43 100
61 20.0 15.7 23.5
87 12.6 10.6 15.8



#44
Trichloroethene
Concen: 49.543 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion:130 Resp: 220127
Ion Ratio Lower Upper
130 100
95 97.6 0.0 182.6

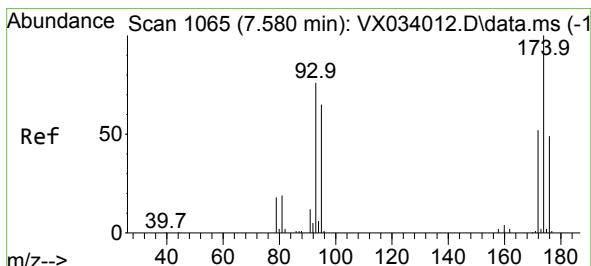
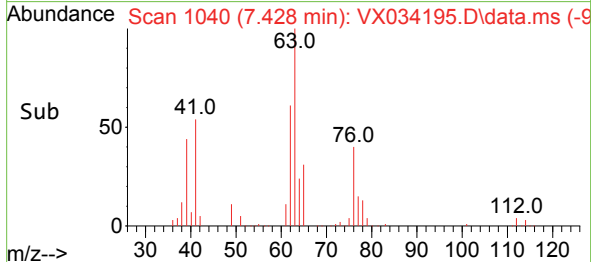
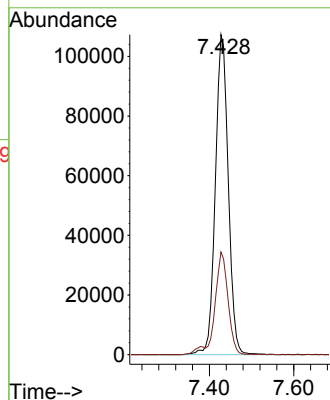
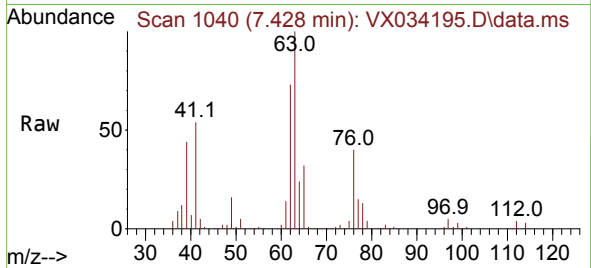




#45
1,2-Dichloropropane
Concen: 49.432 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

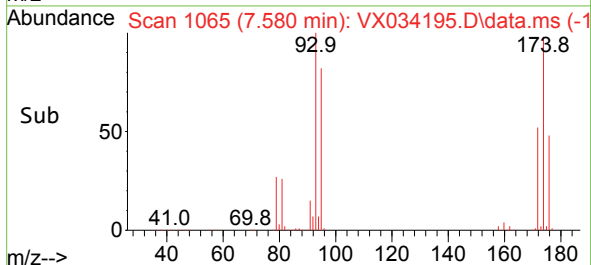
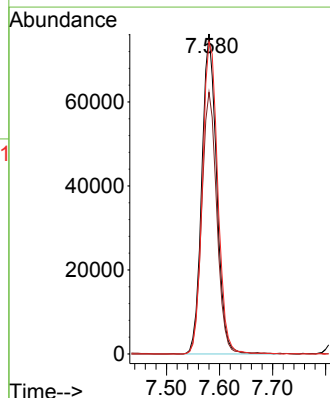
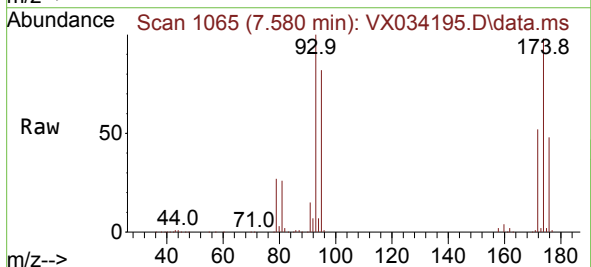
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

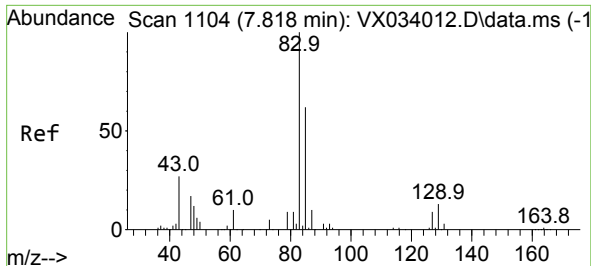
Tgt Ion: 63 Resp: 227838
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.2



#46
Dibromomethane
Concen: 48.900 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 93 Resp: 148331
Ion Ratio Lower Upper
93 100
95 82.8 67.6 101.4
174 100.5 97.4 146.0

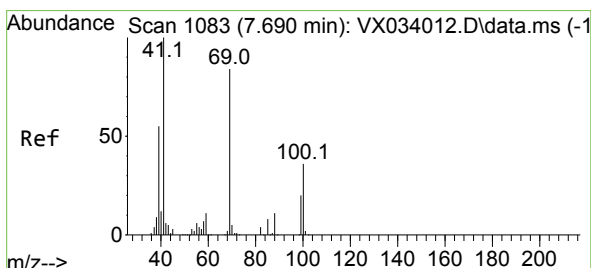
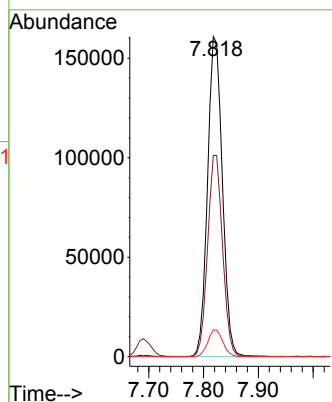
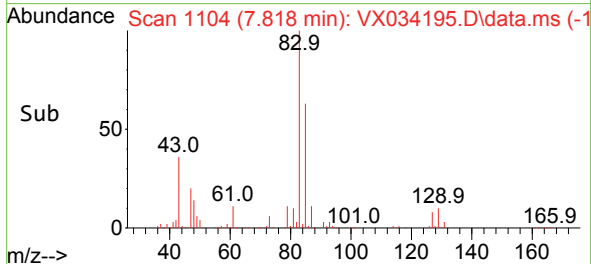
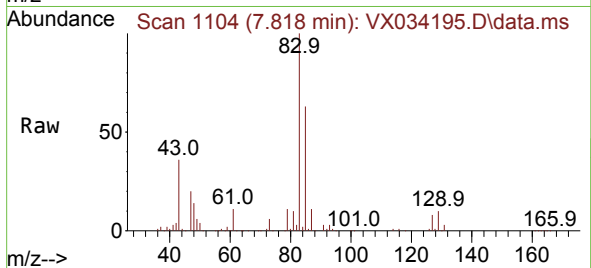




#47
Bromodichloromethane
Concen: 48.362 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

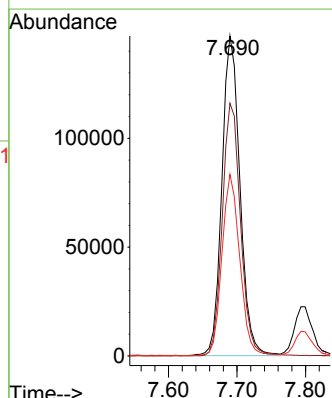
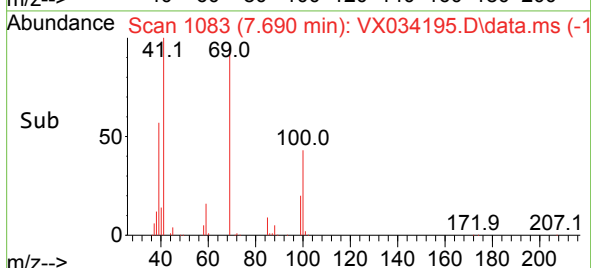
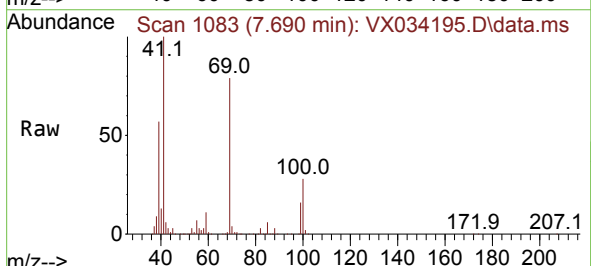
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

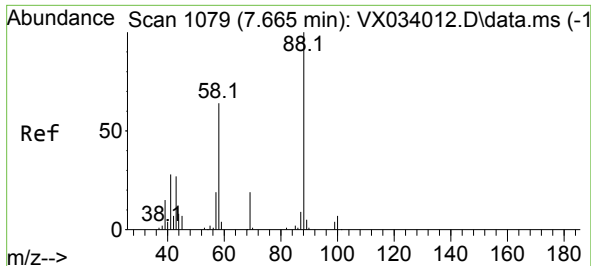
Tgt Ion: 83 Resp: 301060
Ion Ratio Lower Upper
83 100
85 62.9 49.8 74.6
127 8.3 7.0 10.4



#48
Methyl methacrylate
Concen: 49.013 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 41 Resp: 268050
Ion Ratio Lower Upper
41 100
69 80.4 63.1 94.7
39 55.9 43.2 64.8





#49

1,4-Dioxane

Concen: 930.020 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

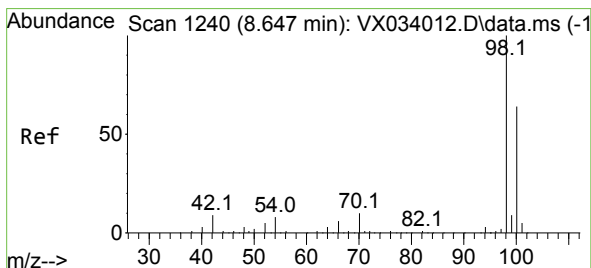
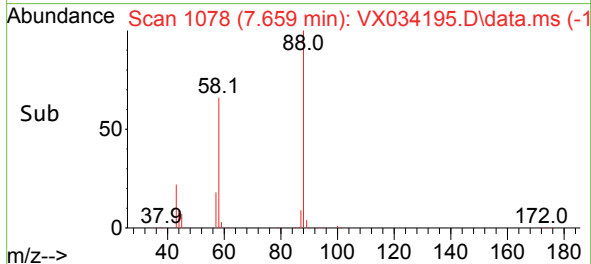
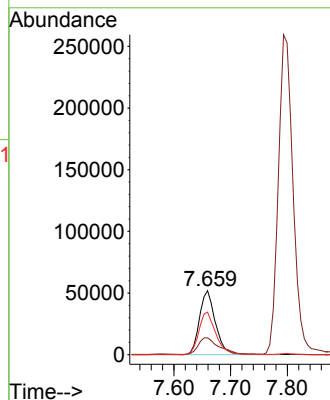
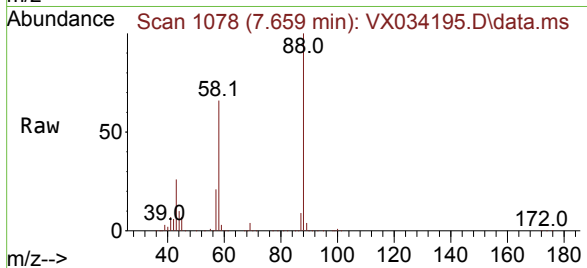
Tgt Ion: 88 Resp: 101450

Ion Ratio Lower Upper

88 100

43 33.5 0.0 0.0#

58 70.3 56.5 84.7



#50

Toluene-d8

Concen: 52.899 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034195.D

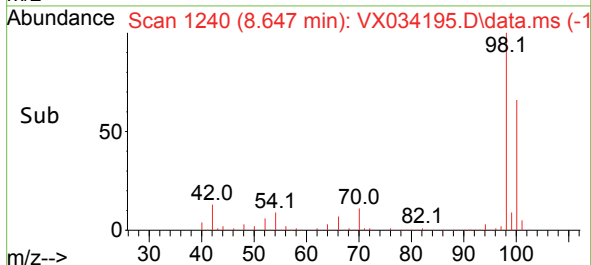
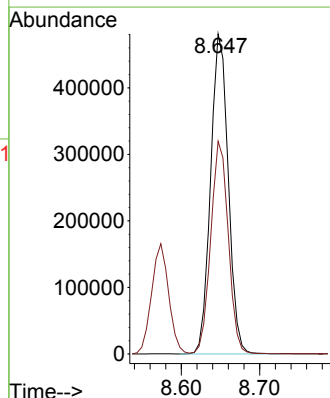
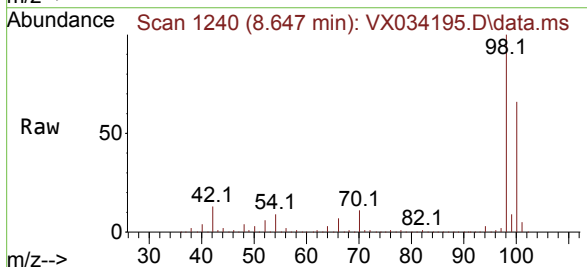
Acq: 20 Feb 2023 18:06

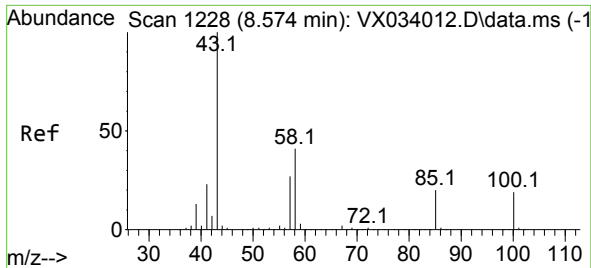
Tgt Ion: 98 Resp: 750306

Ion Ratio Lower Upper

98 100

100 66.3 53.6 80.4

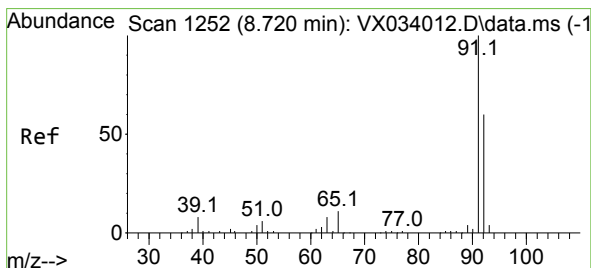
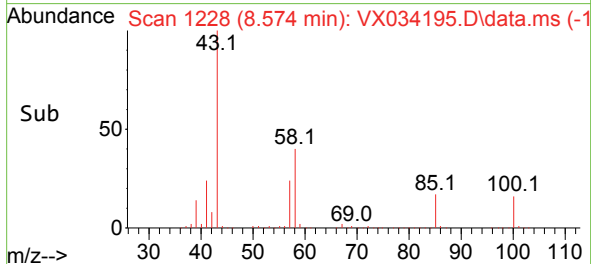
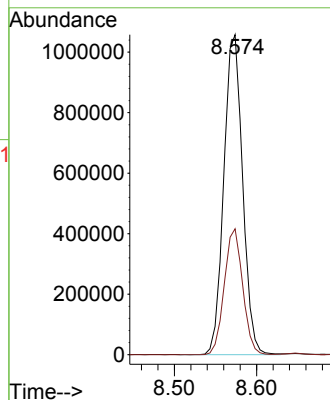
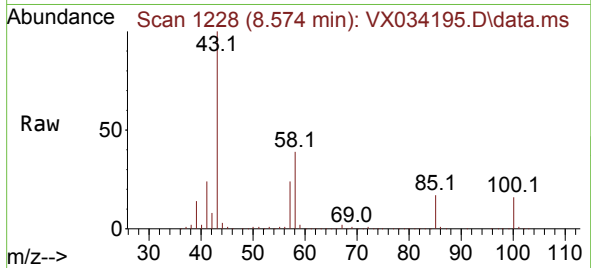




#51
4-Methyl-2-Pentanone
Concen: 265.083 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

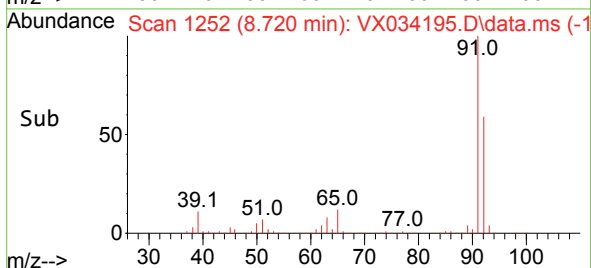
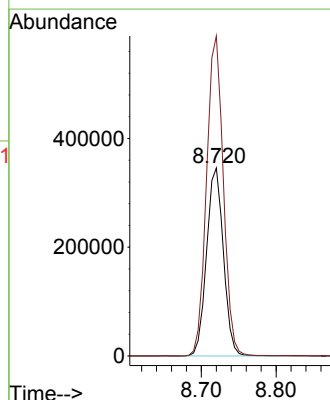
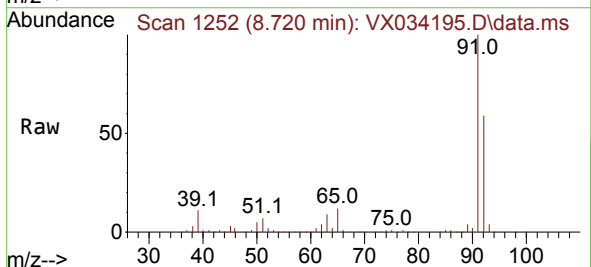
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

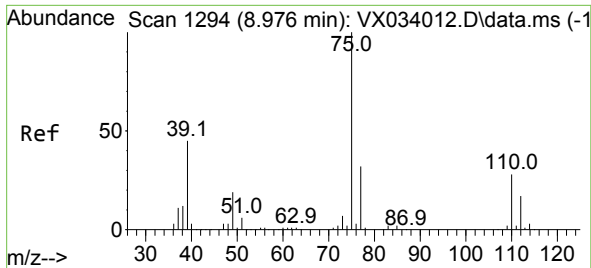
Tgt Ion: 43 Resp: 1680461
Ion Ratio Lower Upper
43 100
58 38.6 31.2 46.8



#52
Toluene
Concen: 51.459 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 92 Resp: 539862
Ion Ratio Lower Upper
92 100
91 170.0 135.5 203.3

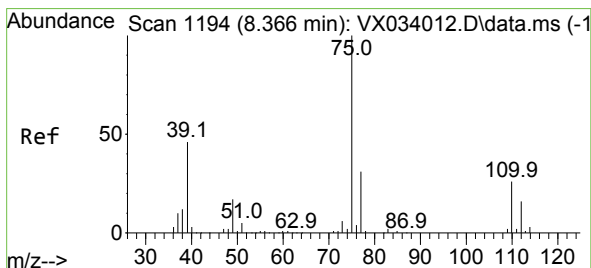
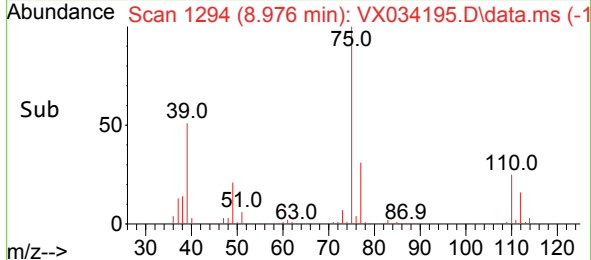
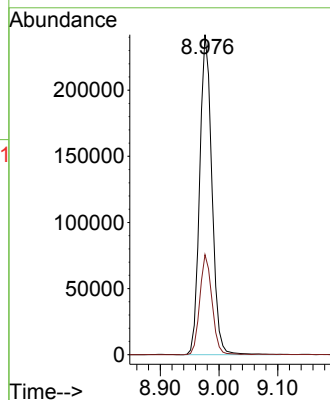
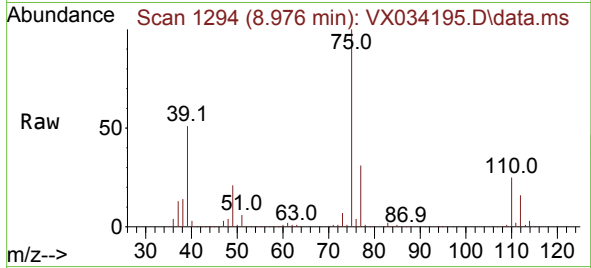




#53
 t-1,3-Dichloropropene
 Concen: 48.852 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

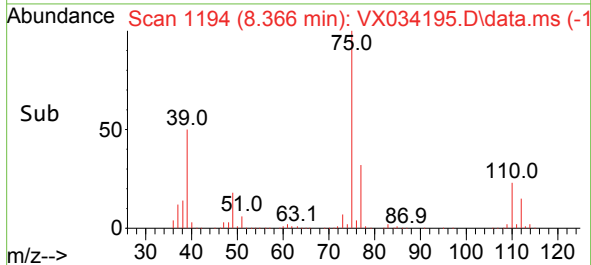
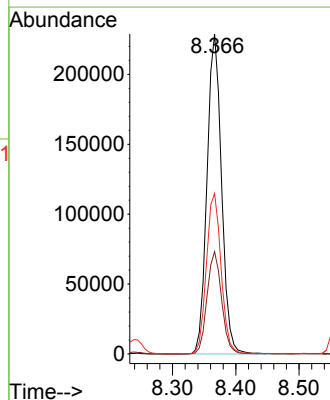
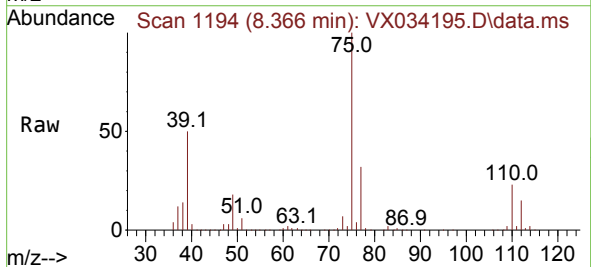
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

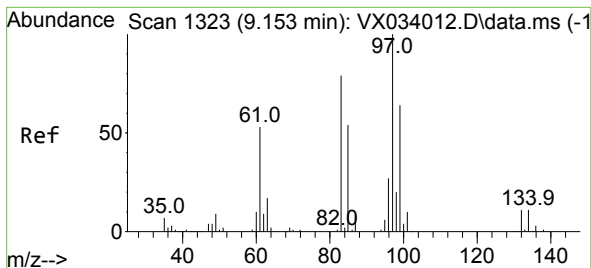
Tgt Ion: 75 Resp: 350049
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 47.686 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

Tgt Ion: 75 Resp: 365798
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.6
 39 50.0 38.6 58.0





#55

1,1,2-Trichloroethane

Concen: 51.275 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 217128

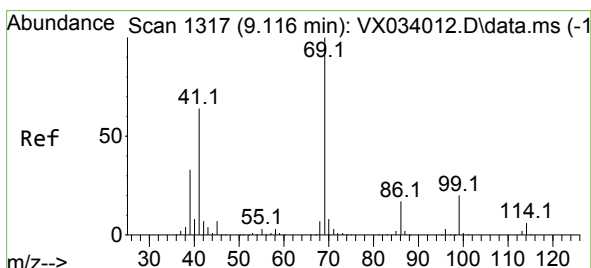
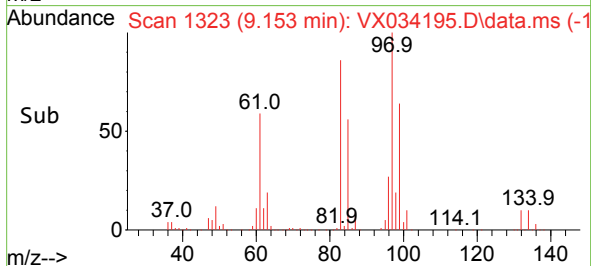
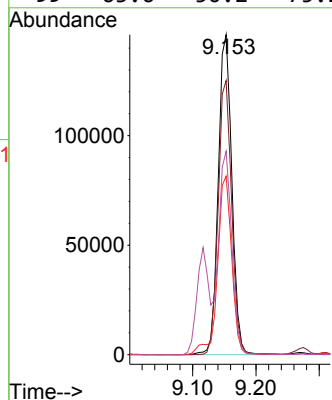
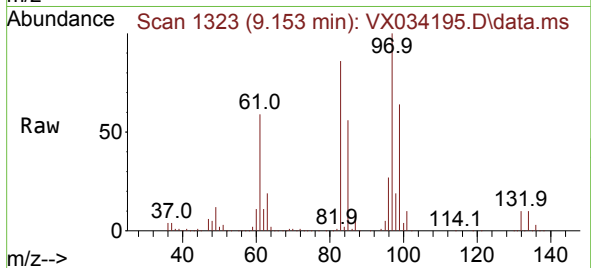
Ion Ratio Lower Upper

97 100

83 85.6 67.4 101.0

85 55.8 43.2 64.8

99 63.6 50.2 75.2



#56

Ethyl methacrylate

Concen: 51.356 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

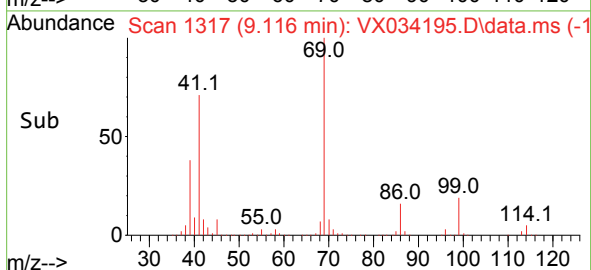
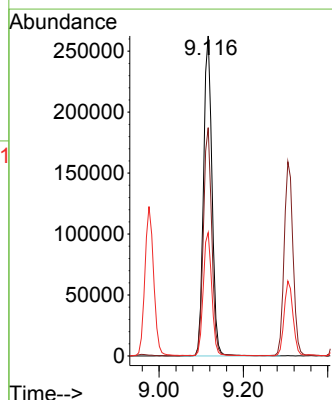
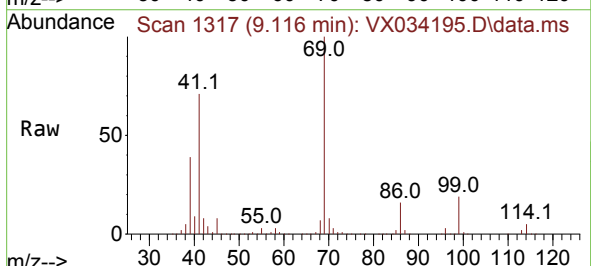
Tgt Ion: 69 Resp: 367896

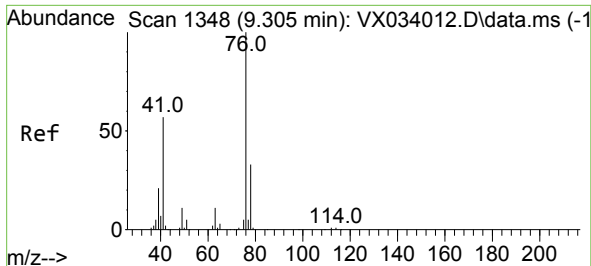
Ion Ratio Lower Upper

69 100

41 70.6 55.1 82.7

39 38.4 28.5 42.7





#57

1,3-Dichloropropane

Concen: 51.101 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

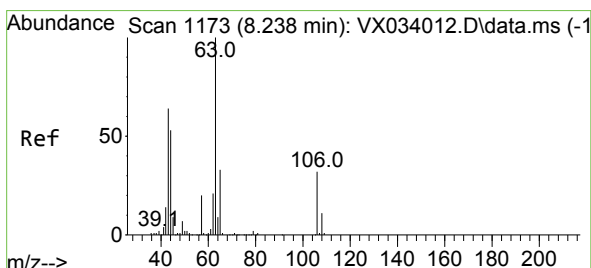
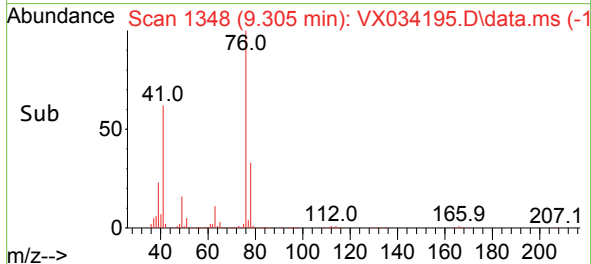
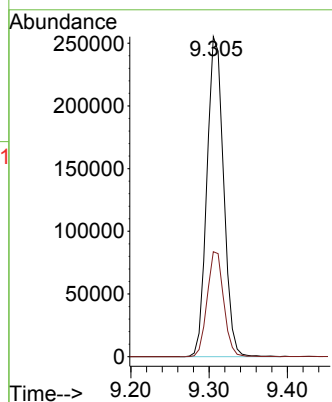
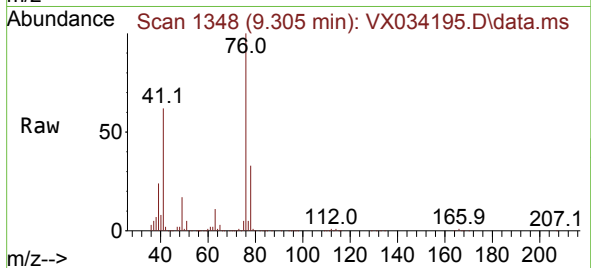
VSTDCCC050EC

Tgt Ion: 76 Resp: 376489

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 262.532 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX034195.D

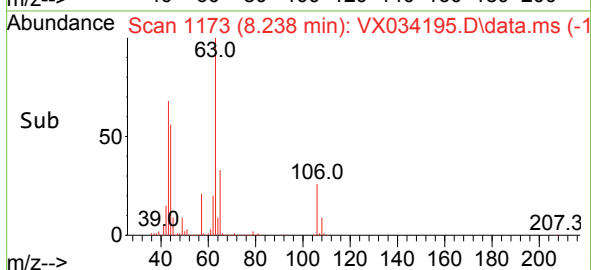
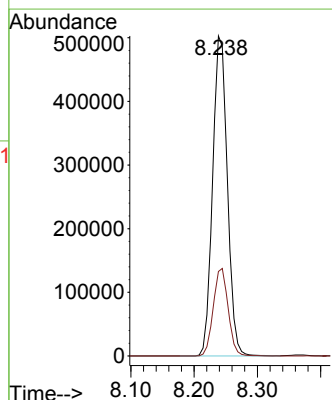
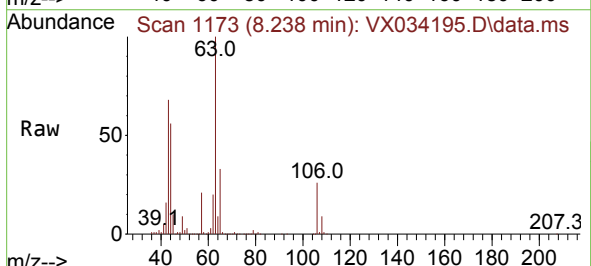
Acq: 20 Feb 2023 18:06

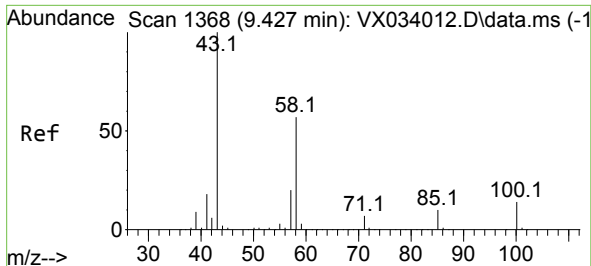
Tgt Ion: 63 Resp: 814686

Ion Ratio Lower Upper

63 100

106 27.6 24.5 36.7





#59

2-Hexanone

Concen: 262.665 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

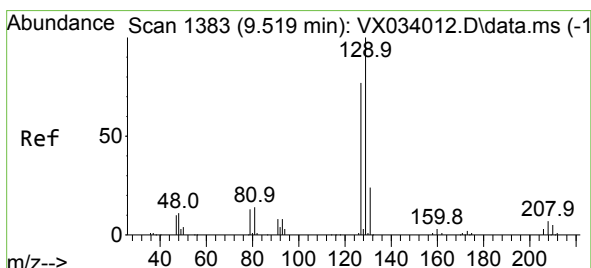
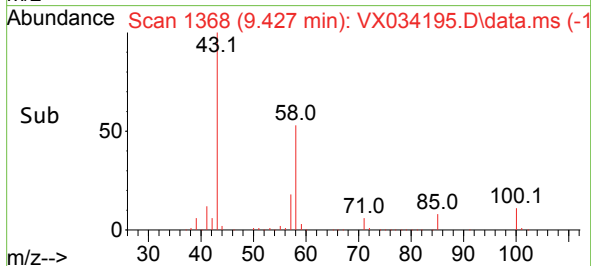
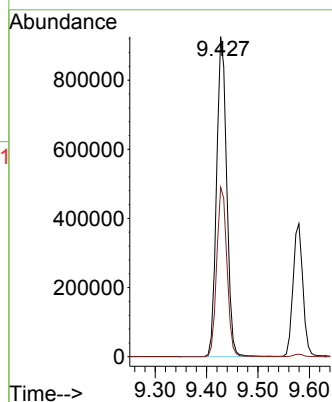
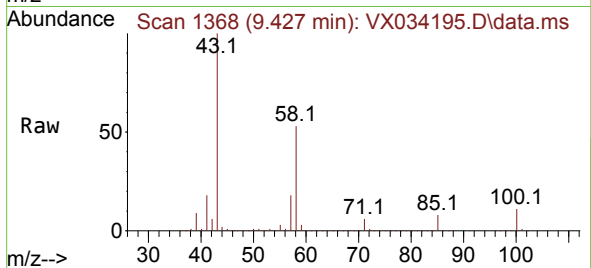
VSTDCCC050EC

Tgt Ion: 43 Resp: 1269007

Ion Ratio Lower Upper

43 100

58 53.4 27.4 82.0



#60

Dibromochloromethane

Concen: 51.117 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX034195.D

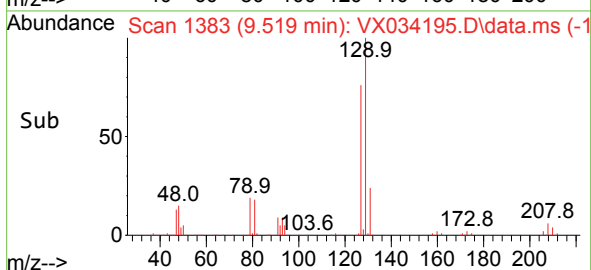
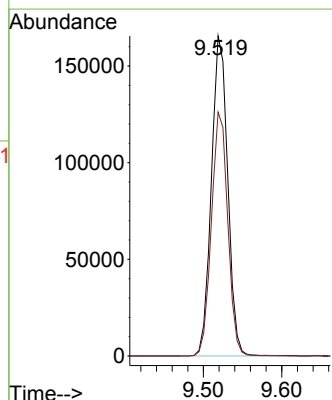
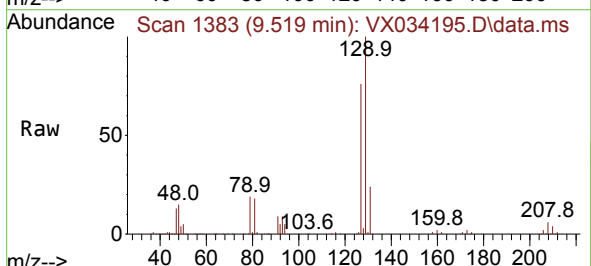
Acq: 20 Feb 2023 18:06

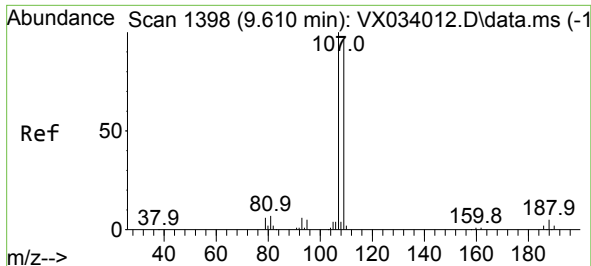
Tgt Ion: 129 Resp: 239176

Ion Ratio Lower Upper

129 100

127 76.4 38.8 116.3

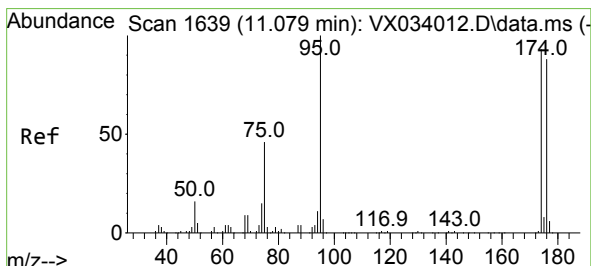
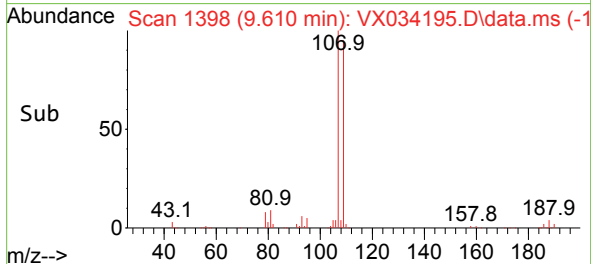
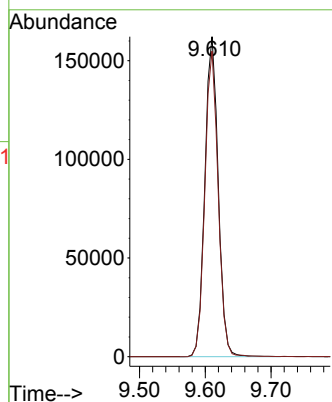
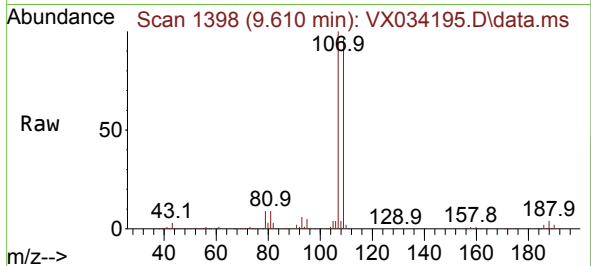




#61
1,2-Dibromoethane
Concen: 51.207 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

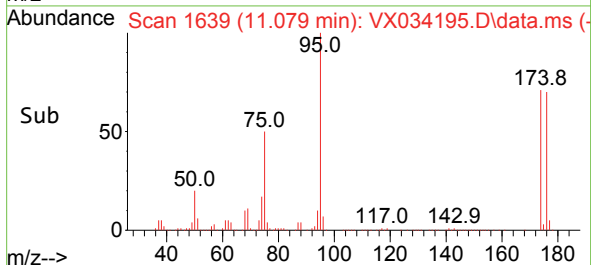
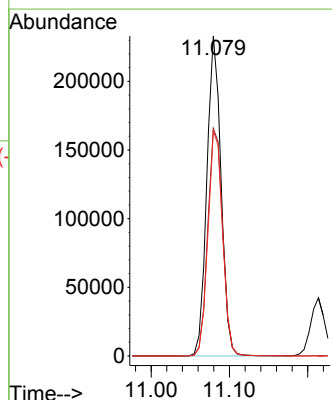
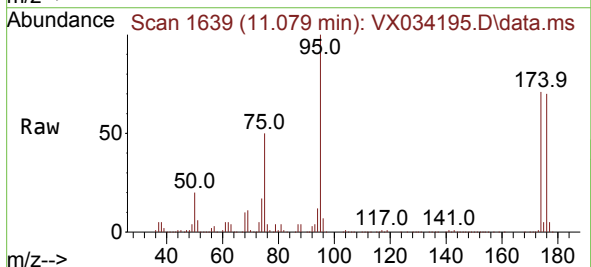
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

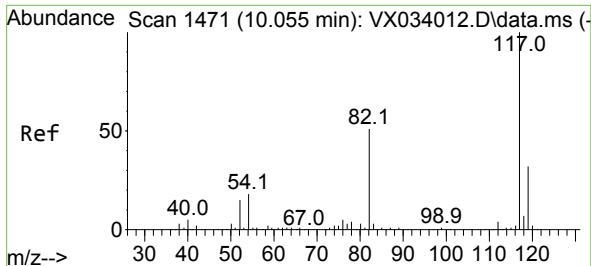
Tgt Ion:107 Resp: 229330
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 53.711 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 95 Resp: 291403
Ion Ratio Lower Upper
95 100
174 75.0 0.0 184.4
176 72.5 0.0 178.8

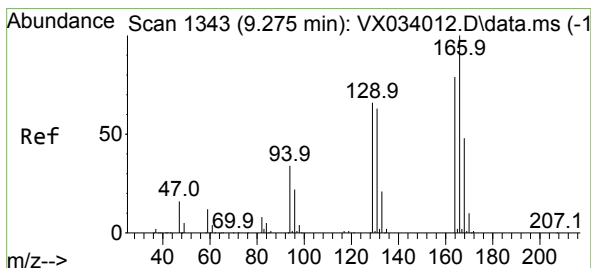
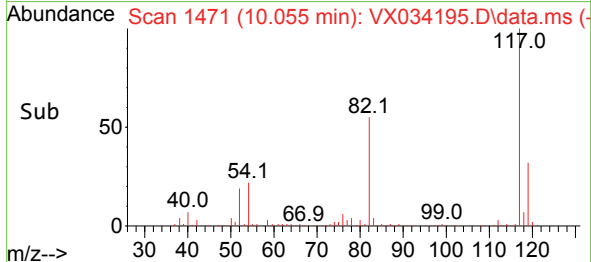
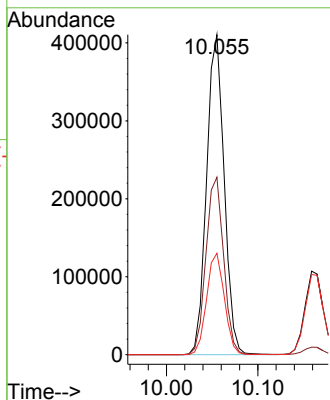
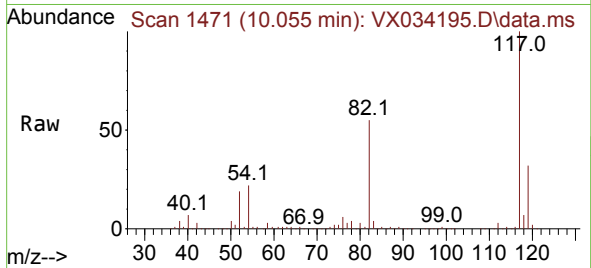




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

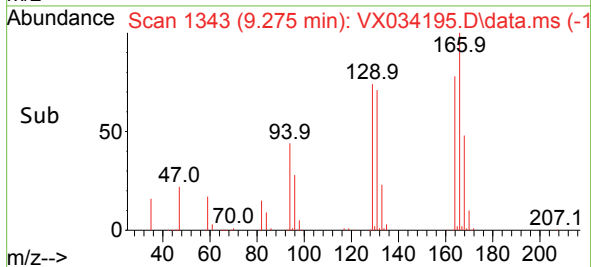
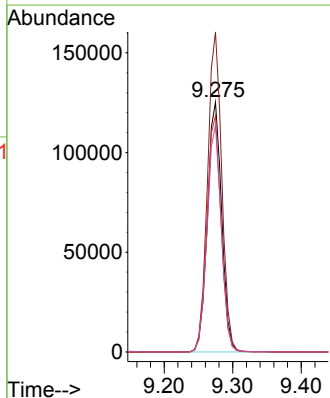
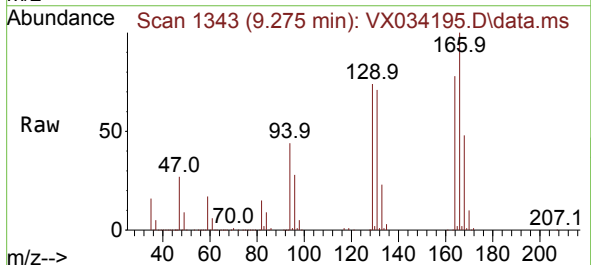
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

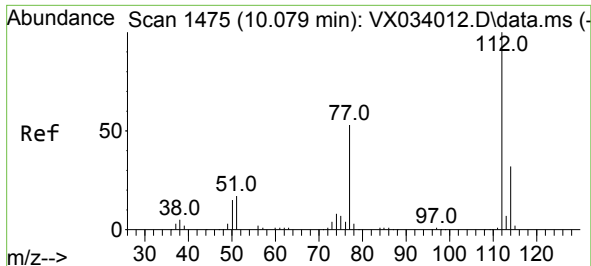
Tgt Ion:117 Resp: 549086
Ion Ratio Lower Upper
117 100
82 55.4 40.6 60.8
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 46.654 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion:164 Resp: 180799
Ion Ratio Lower Upper
164 100
166 128.1 100.2 150.2
129 94.7 69.2 103.8
131 90.8 67.2 100.8

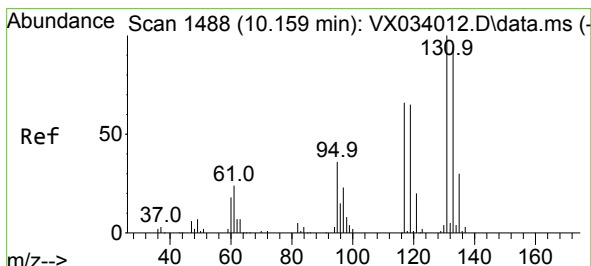
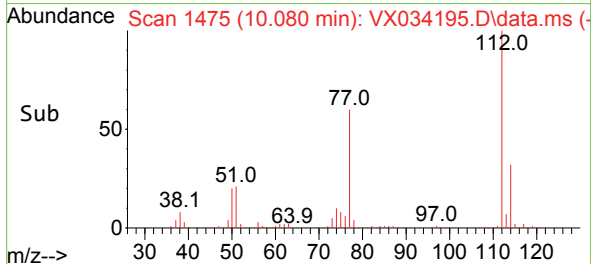
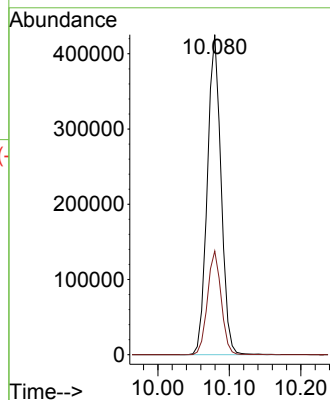
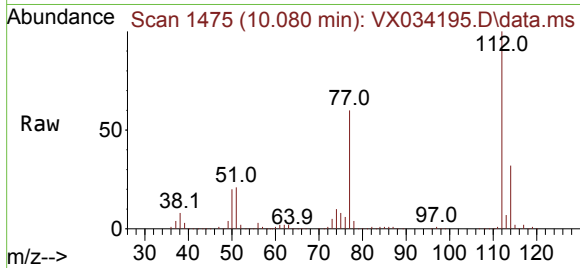




#65
Chlorobenzene
Concen: 49.502 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

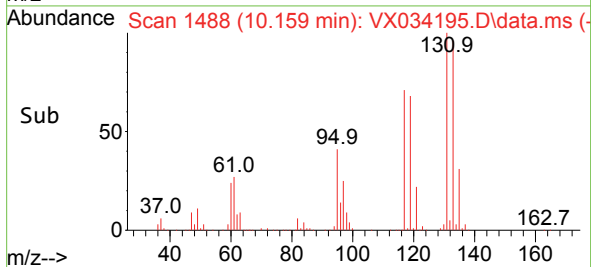
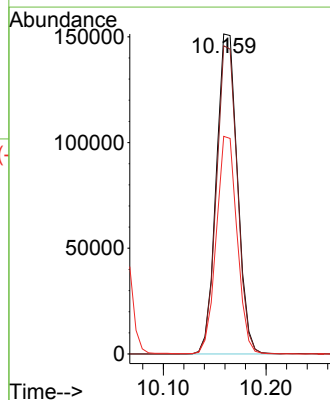
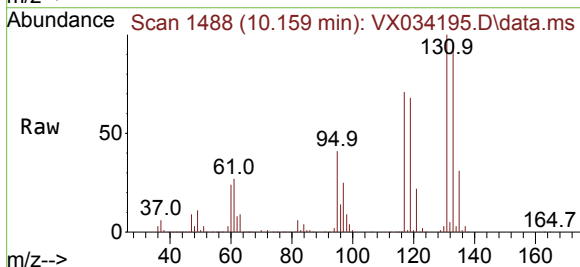
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

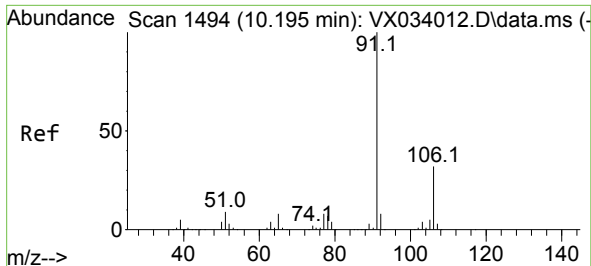
Tgt Ion:112 Resp: 566588
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.693 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion:131 Resp: 215754
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.0
119 67.0 31.9 95.7





#67

Ethyl Benzene

Concen: 49.847 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

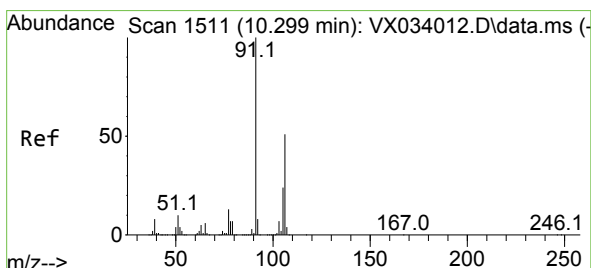
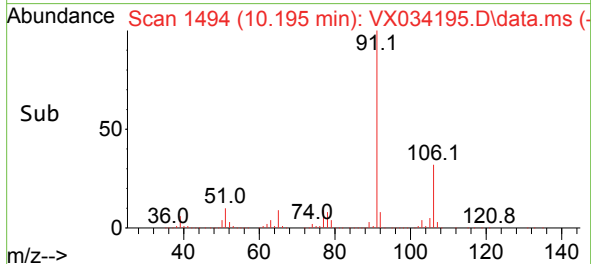
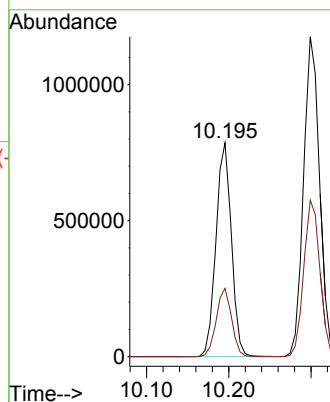
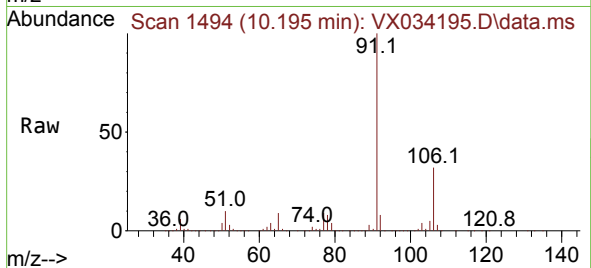
VSTDCCC050EC

Tgt Ion: 91 Resp: 1024994

Ion Ratio Lower Upper

91 100

106 31.9 25.8 38.8



#68

m/p-Xylenes

Concen: 100.174 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX034195.D

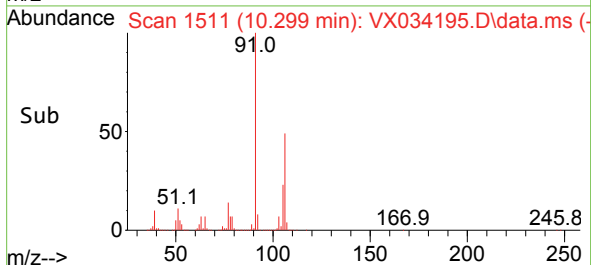
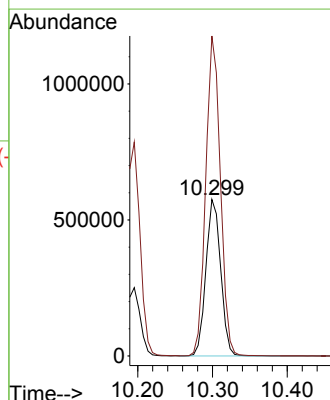
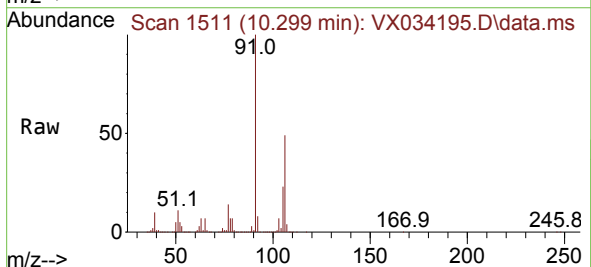
Acq: 20 Feb 2023 18:06

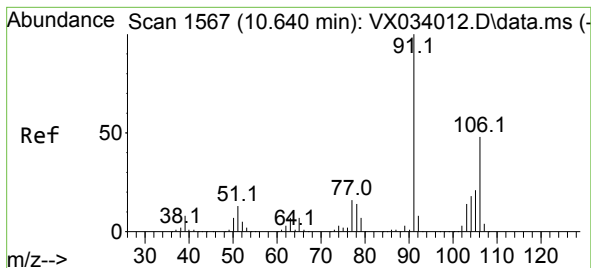
Tgt Ion: 106 Resp: 788279

Ion Ratio Lower Upper

106 100

91 202.7 156.4 234.6





#69

o-Xylene

Concen: 50.315 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

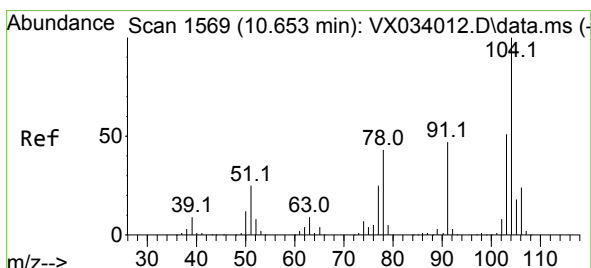
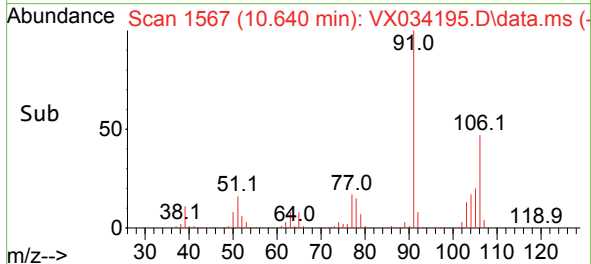
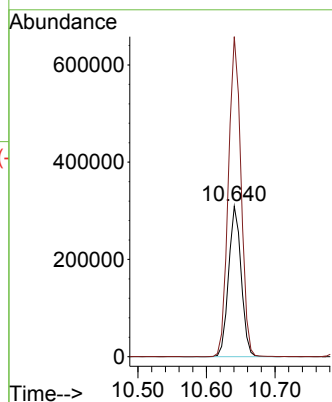
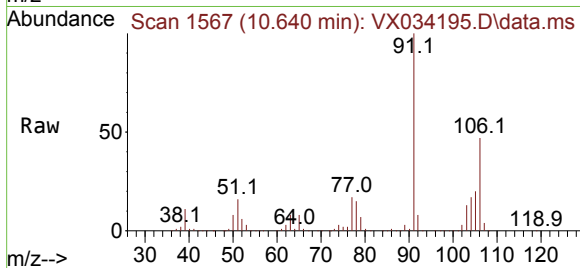
VSTDCCC050EC

Tgt Ion:106 Resp: 394172

Ion Ratio Lower Upper

106 100

91 213.3 103.1 309.3



#70

Styrene

Concen: 51.134 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

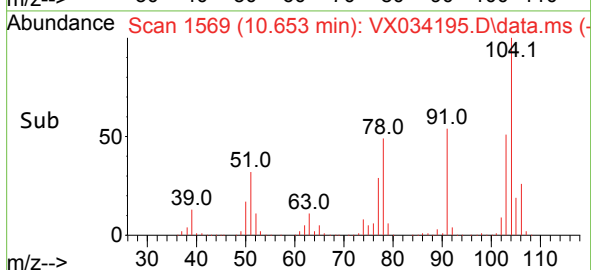
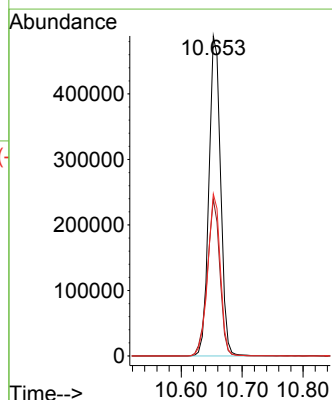
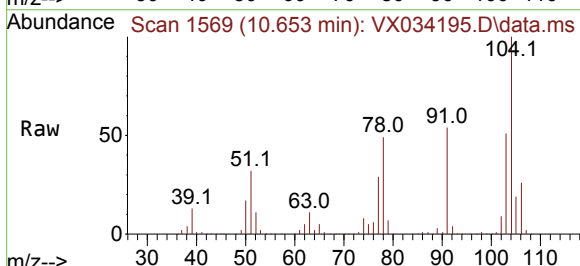
Tgt Ion:104 Resp: 651499

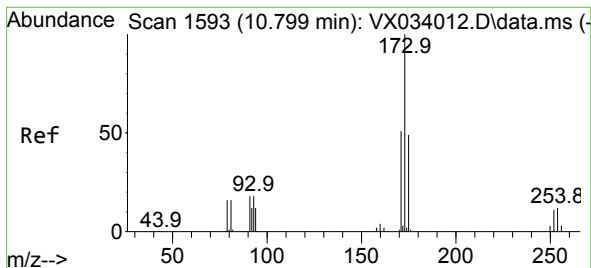
Ion Ratio Lower Upper

104 100

78 52.5 37.5 56.3

103 54.4 43.3 64.9





#71

Bromoform

Concen: 50.060 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

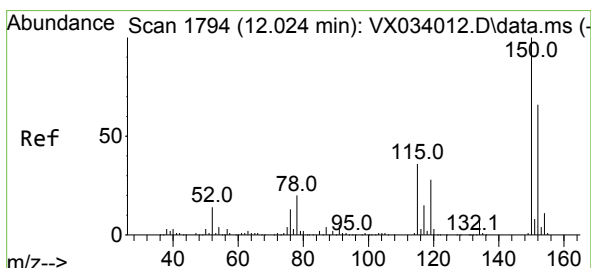
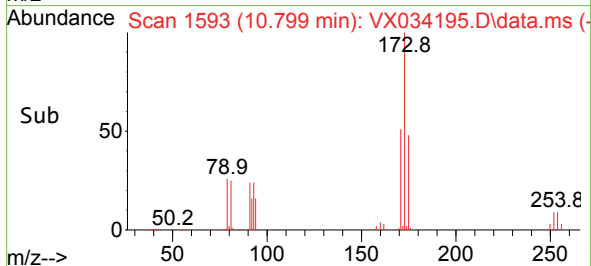
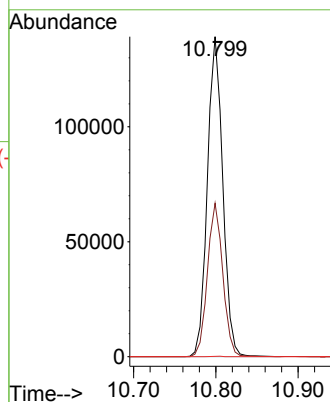
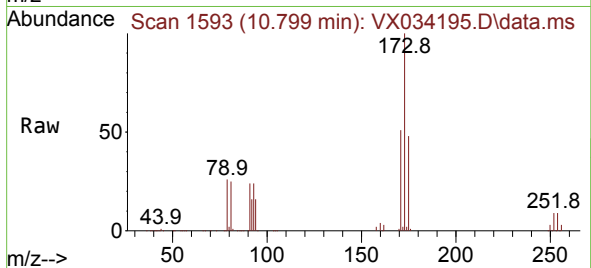
Tgt Ion:173 Resp: 181056

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.3

254 0.1 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: VX034195.D

Acq: 20 Feb 2023 18:06

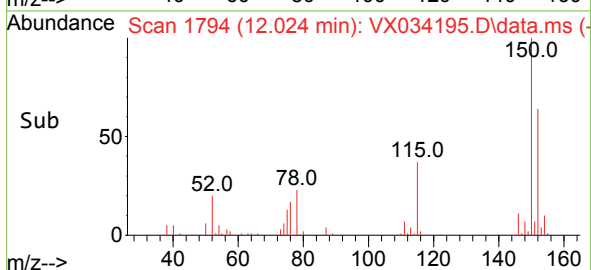
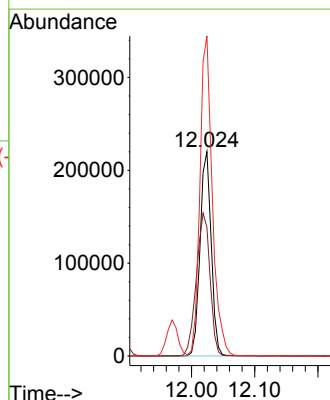
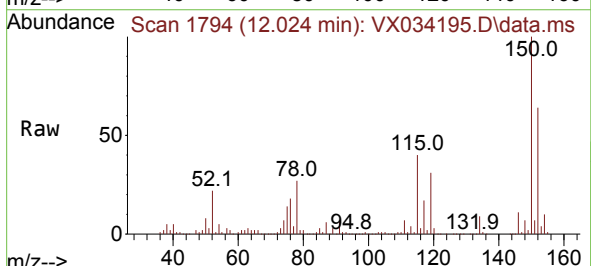
Tgt Ion:152 Resp: 270401

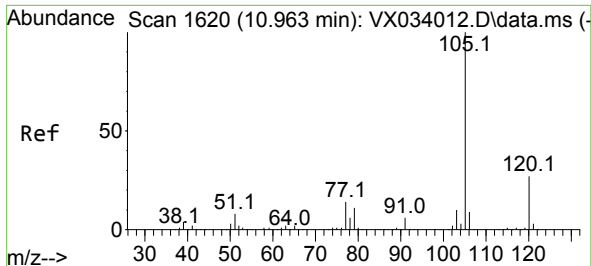
Ion Ratio Lower Upper

152 100

115 85.7 38.7 116.1

150 173.5 0.0 348.2

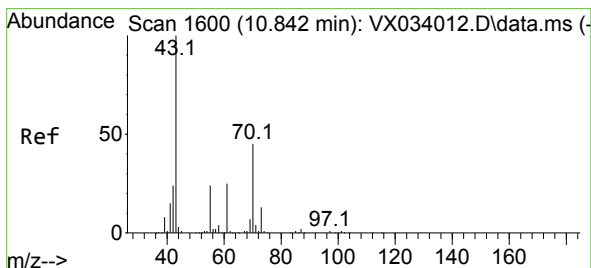
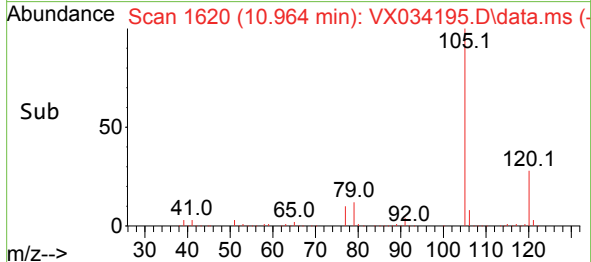
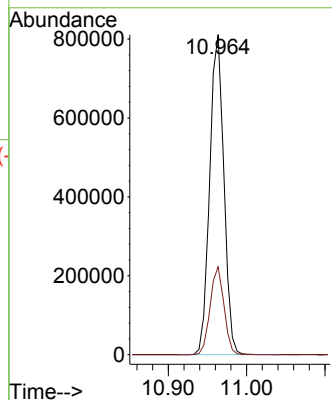
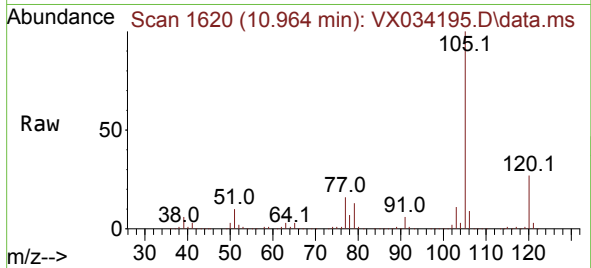




#73
Isopropylbenzene
Concen: 49.315 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

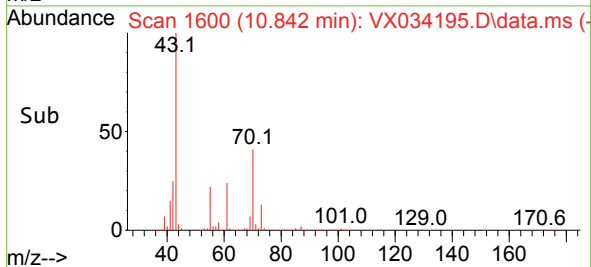
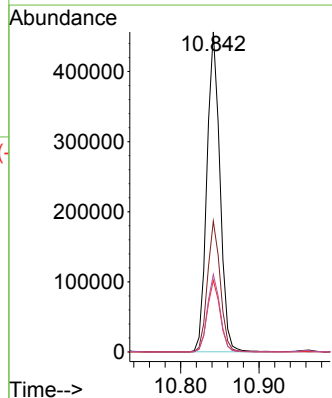
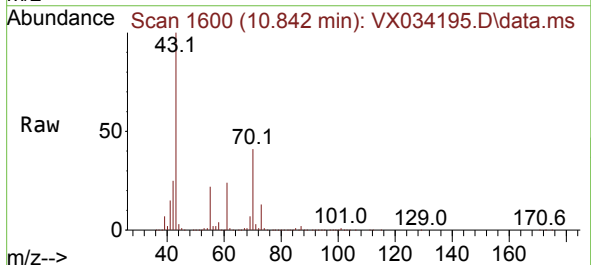
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

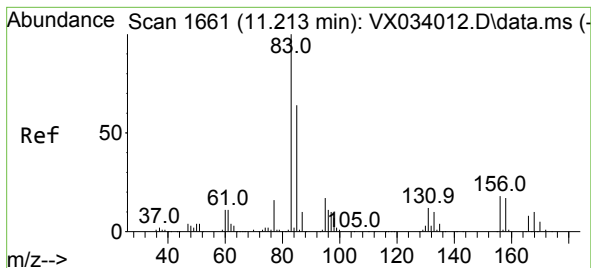
Tgt Ion:105 Resp: 1016294
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.8



#74
N-ethyl acetate
Concen: 50.742 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 43 Resp: 525343
Ion Ratio Lower Upper
43 100
70 40.3 34.8 52.2
55 22.1 19.4 29.0
61 23.7 19.4 29.2

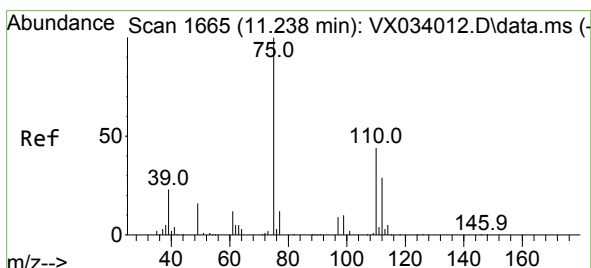
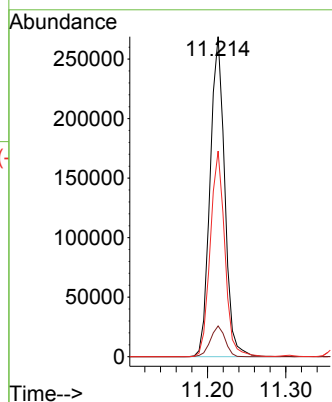
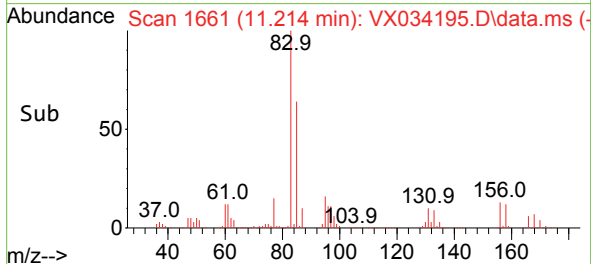
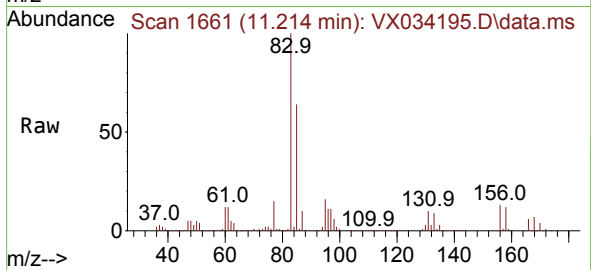




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.352 ug/l
 RT: 11.214 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

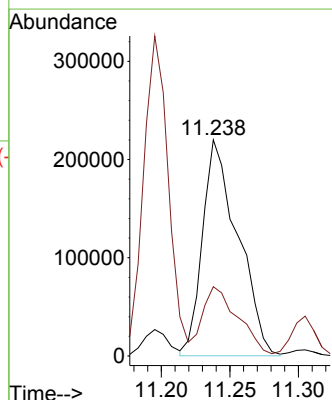
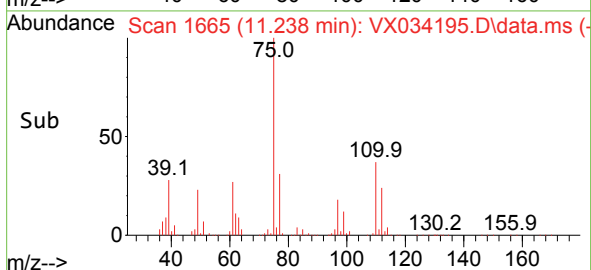
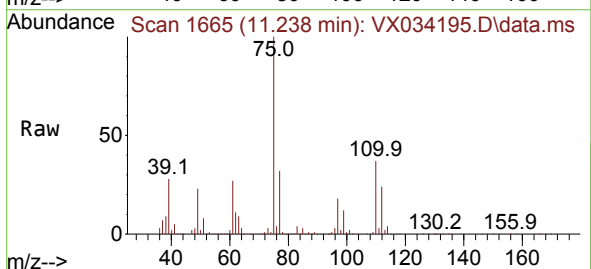
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

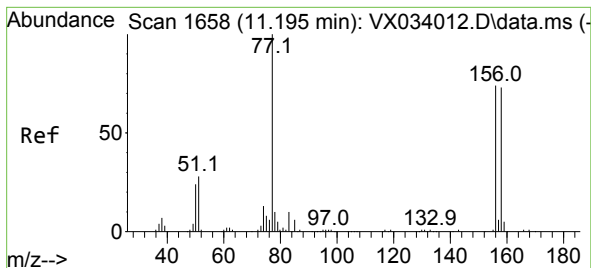
Tgt Ion: 83 Resp: 347860
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.5 16.7
 85 63.9 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 58.123 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

Tgt Ion: 75 Resp: 395469
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.8 65.4





#77

Bromobenzene

Concen: 49.175 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

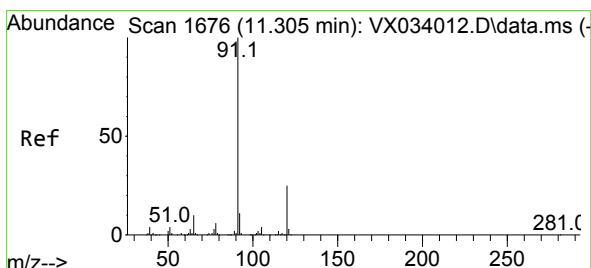
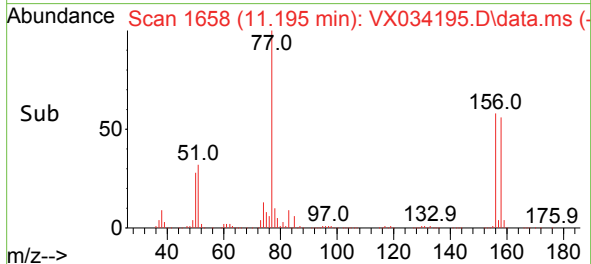
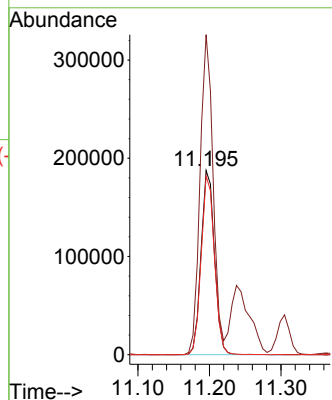
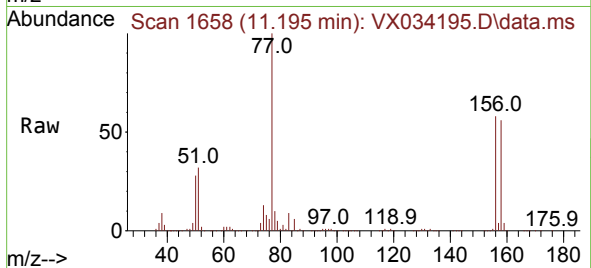
Tgt Ion:156 Resp: 243871

Ion Ratio Lower Upper

156 100

77 169.0 68.1 204.3

158 96.2 48.0 144.2



#78

n-propylbenzene

Concen: 49.859 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034195.D

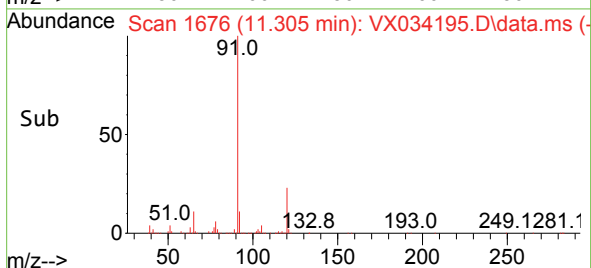
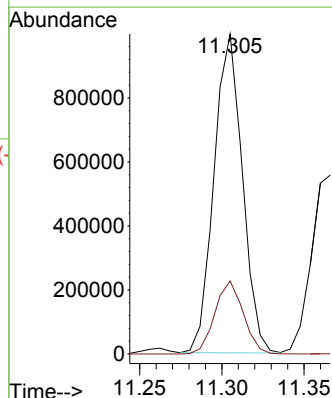
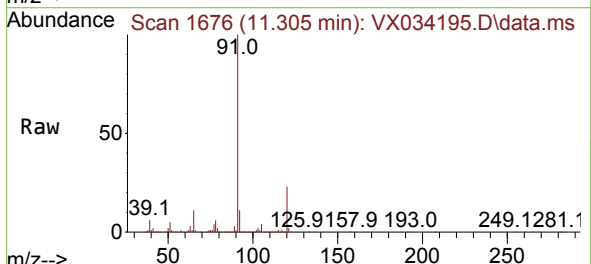
Acq: 20 Feb 2023 18:06

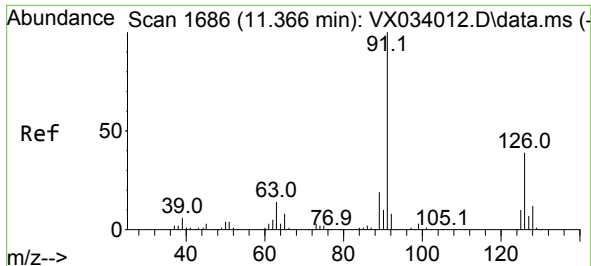
Tgt Ion: 91 Resp: 1194994

Ion Ratio Lower Upper

91 100

120 22.9 12.3 36.8





#79

2-Chlorotoluene

Concen: 48.983 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

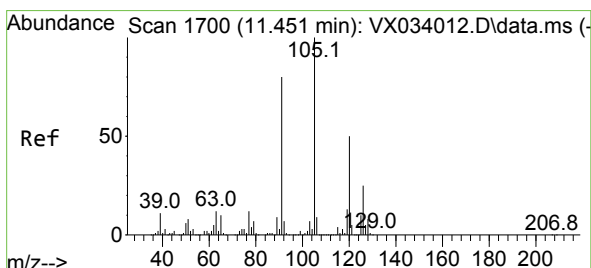
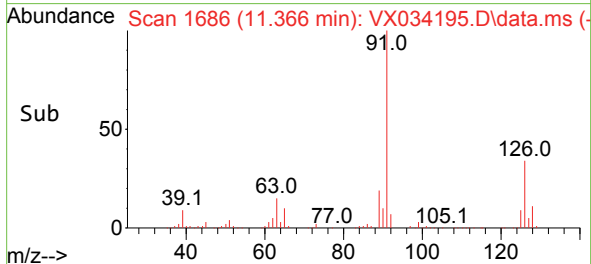
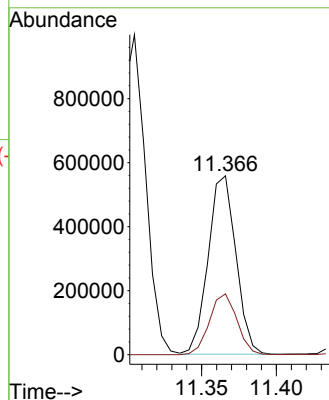
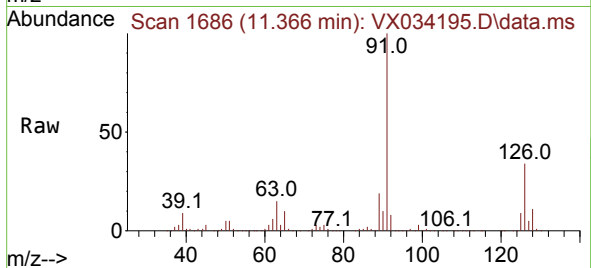
VSTDCCC050EC

Tgt Ion: 91 Resp: 719872

Ion Ratio Lower Upper

91 100

126 33.7 18.1 54.1



#80

1,3,5-Trimethylbenzene

Concen: 49.146 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034195.D

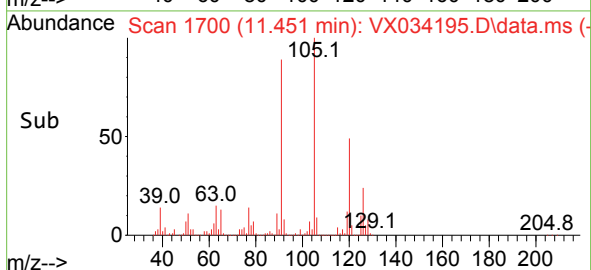
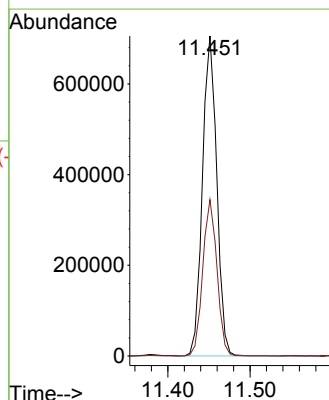
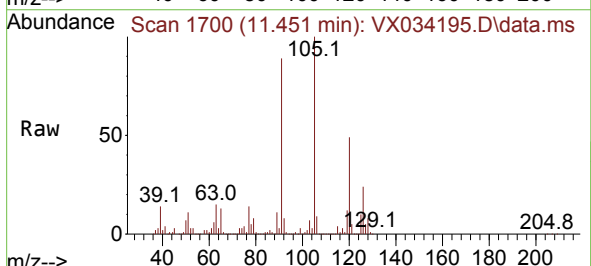
Acq: 20 Feb 2023 18:06

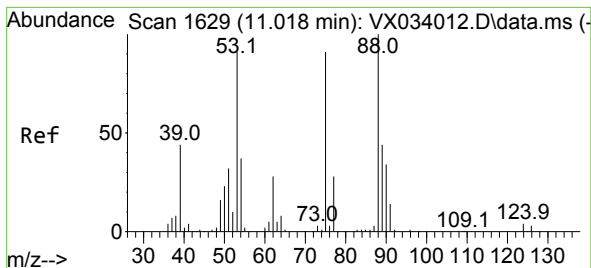
Tgt Ion: 105 Resp: 851515

Ion Ratio Lower Upper

105 100

120 48.5 25.6 76.8

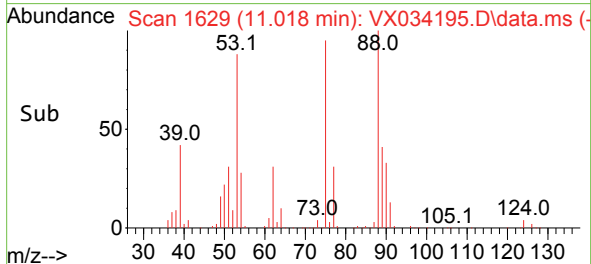
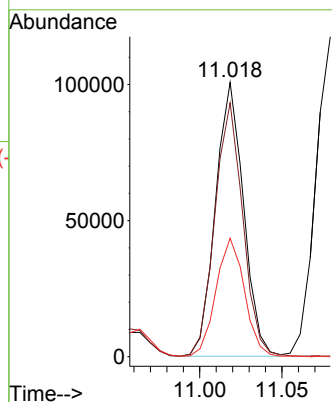
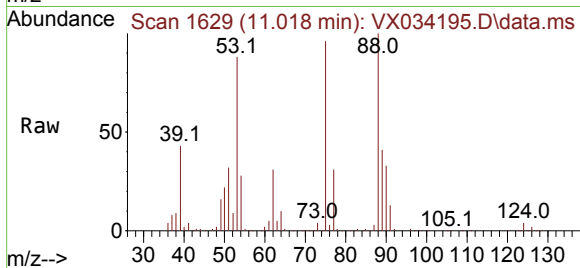




#81
trans-1,4-Dichloro-2-butene
Concen: 45.083 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

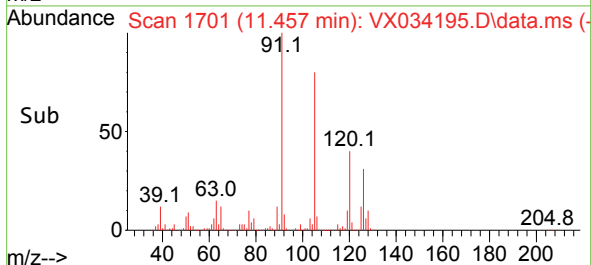
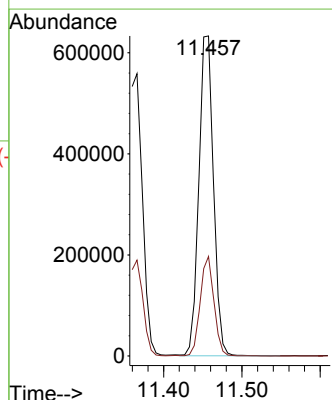
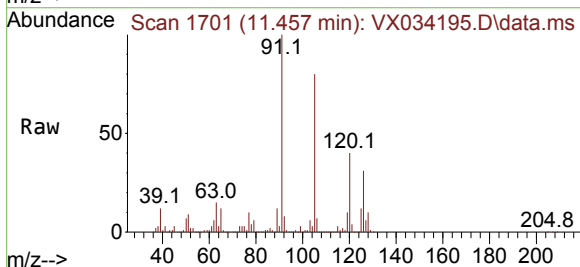
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

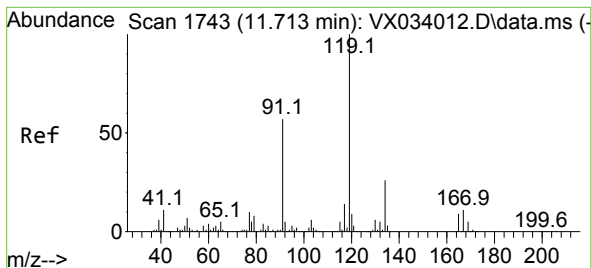
Tgt Ion: 75 Resp: 119407
Ion Ratio Lower Upper
75 100
53 92.3 83.0 124.6
89 44.1 37.7 56.5



#82
4-Chlorotoluene
Concen: 49.248 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 91 Resp: 824350
Ion Ratio Lower Upper
91 100
126 29.2 15.8 47.4





#83

tert-Butylbenzene

Concen: 49.268 ug/l

RT: 11.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

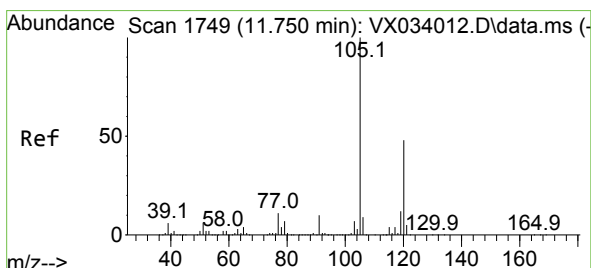
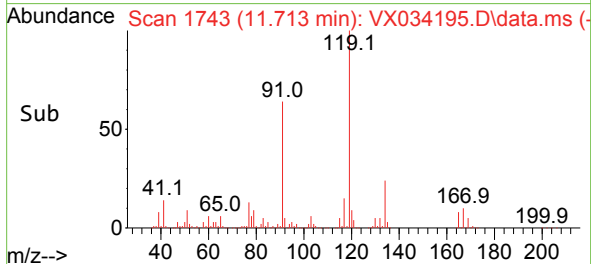
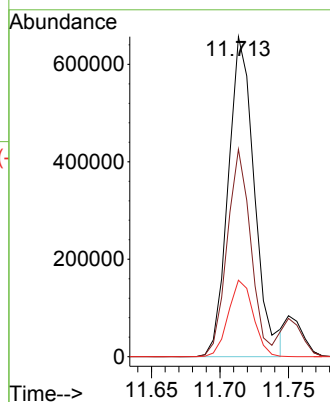
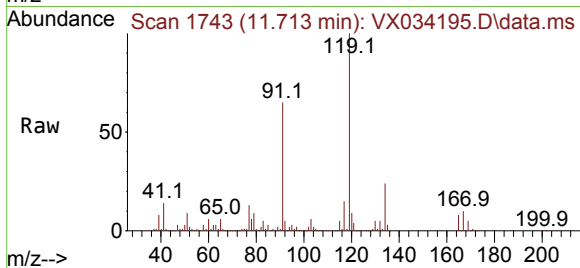
Tgt Ion:119 Resp: 874271

Ion Ratio Lower Upper

119 100

91 58.7 26.9 80.7

134 22.8 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 48.856 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX034195.D

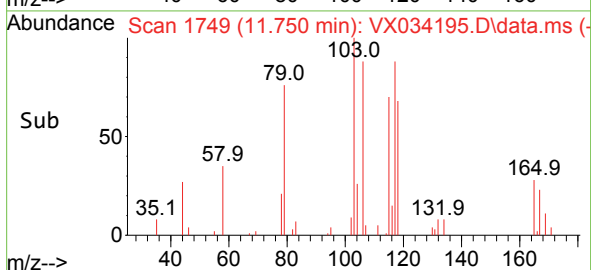
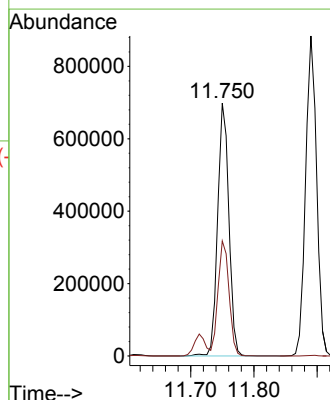
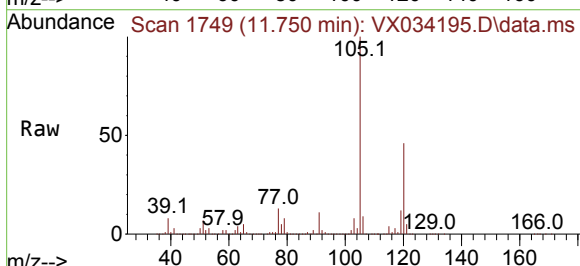
Acq: 20 Feb 2023 18:06

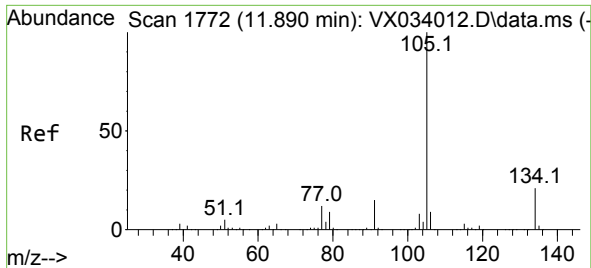
Tgt Ion:105 Resp: 855881

Ion Ratio Lower Upper

105 100

120 44.7 23.4 70.2

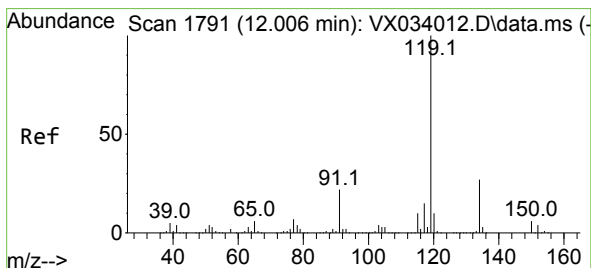
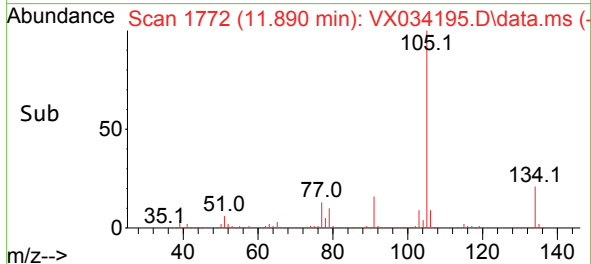
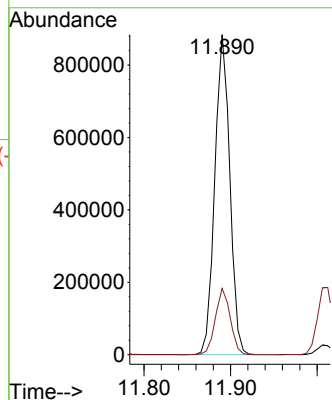
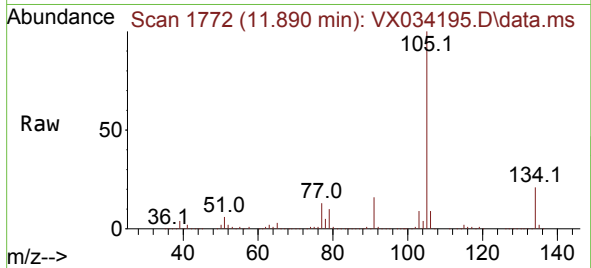




#85
 sec-Butylbenzene
 Concen: 49.300 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

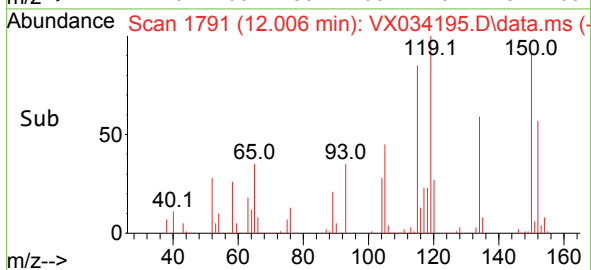
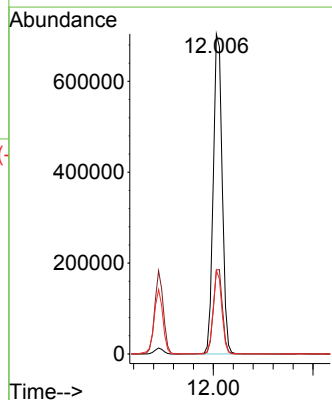
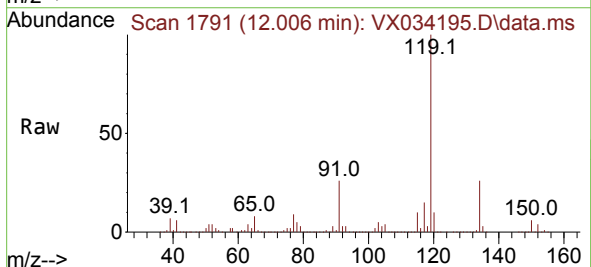
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

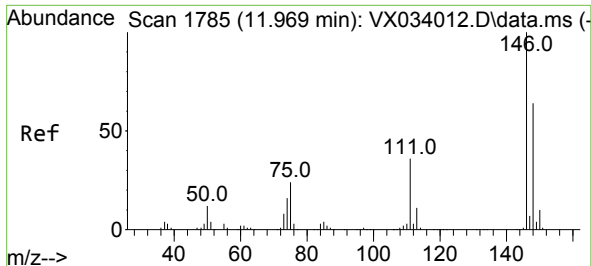
Tgt Ion:105 Resp: 1062370
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 49.067 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

Tgt Ion:119 Resp: 875074
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 25.1 11.0 33.0

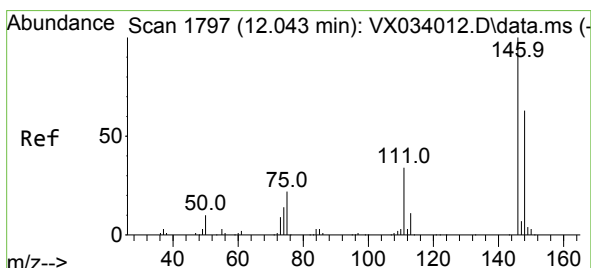
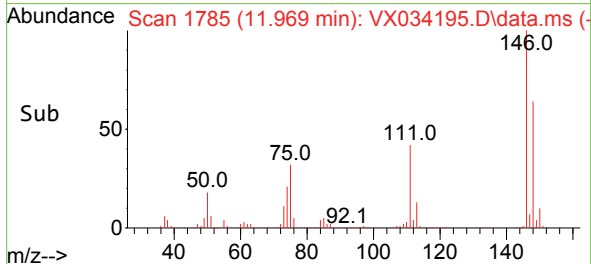
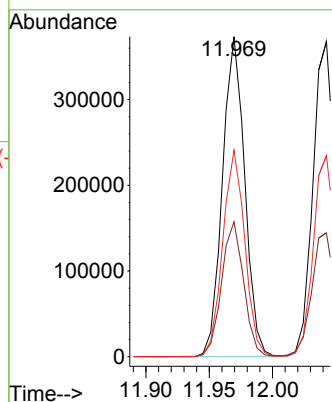
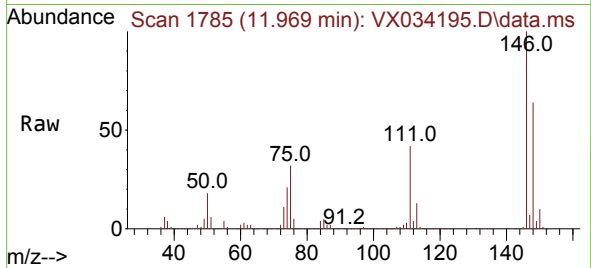




#87
 1,3-Dichlorobenzene
 Concen: 49.053 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

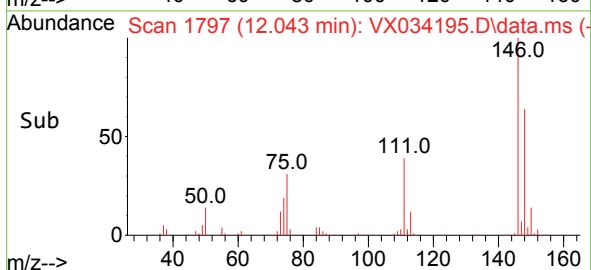
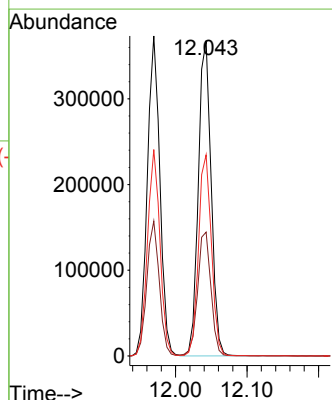
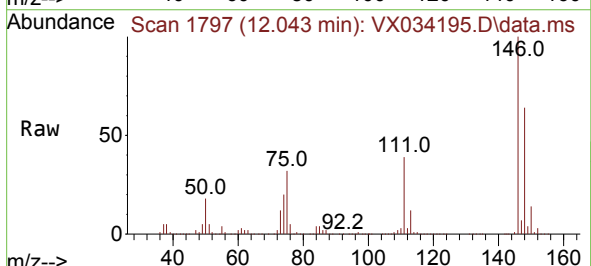
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

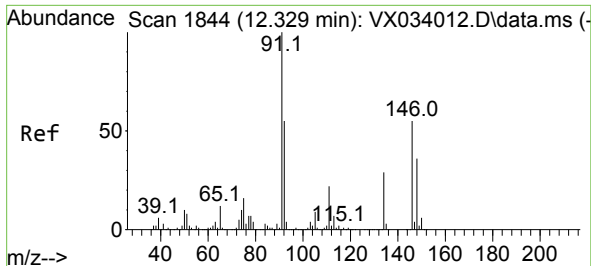
Tgt Ion:146 Resp: 456231
 Ion Ratio Lower Upper
 146 100
 111 41.9 18.6 55.6
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.701 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX034195.D
 Acq: 20 Feb 2023 18:06

Tgt Ion:146 Resp: 456876
 Ion Ratio Lower Upper
 146 100
 111 40.8 17.8 53.4
 148 64.1 32.1 96.3

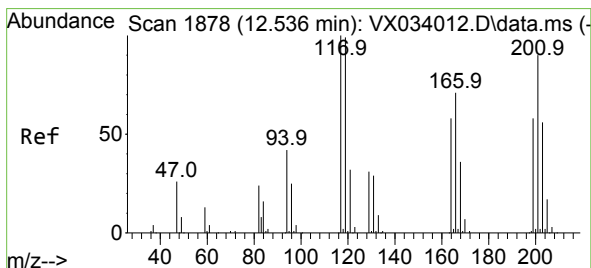
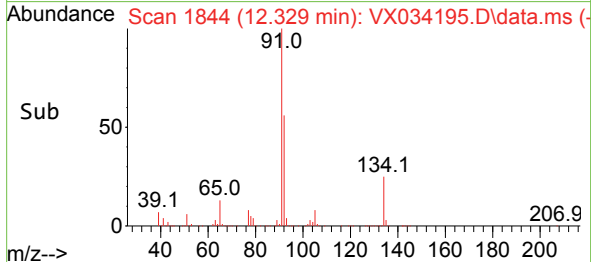
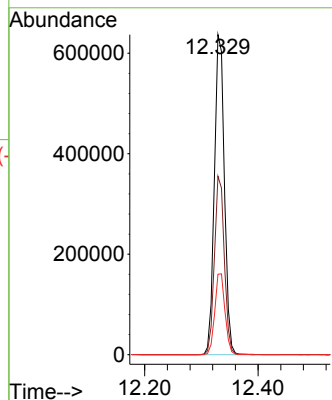
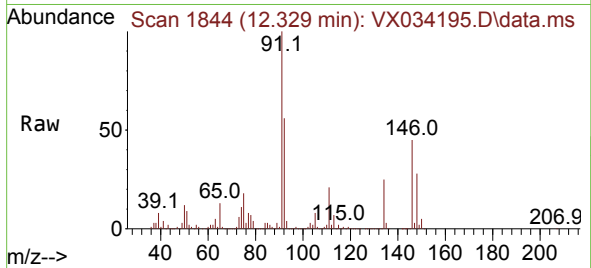




#89
n-Butylbenzene
Concen: 49.135 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

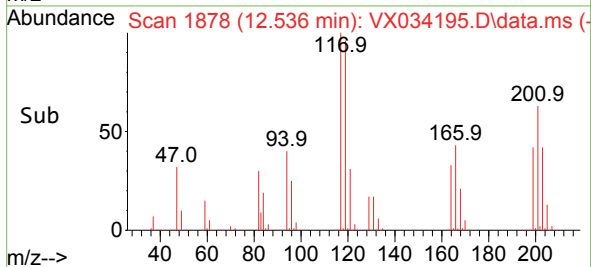
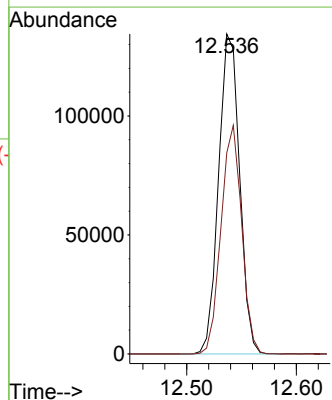
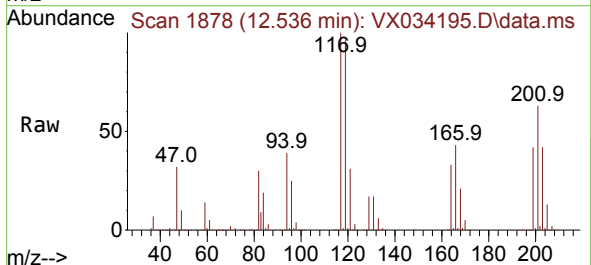
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

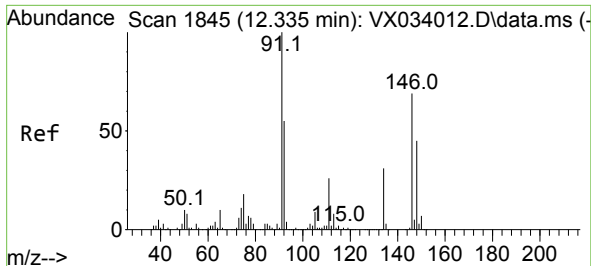
Tgt Ion: 91 Resp: 780476
Ion Ratio Lower Upper
91 100
92 55.3 27.5 82.5
134 25.8 14.3 42.9



#90
Hexachloroethane
Concen: 48.121 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion: 117 Resp: 179436
Ion Ratio Lower Upper
117 100
201 70.1 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 49.031 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

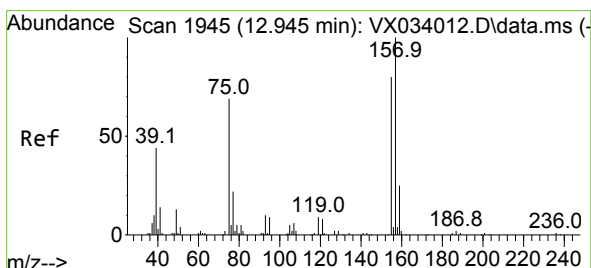
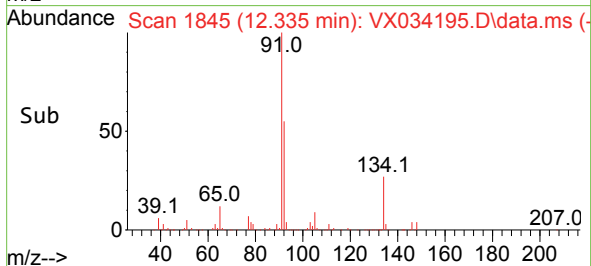
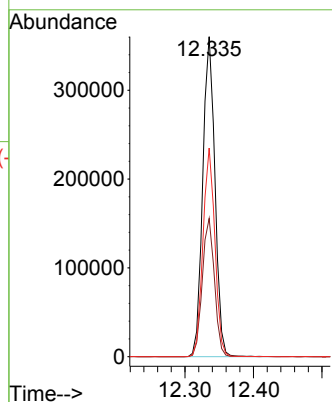
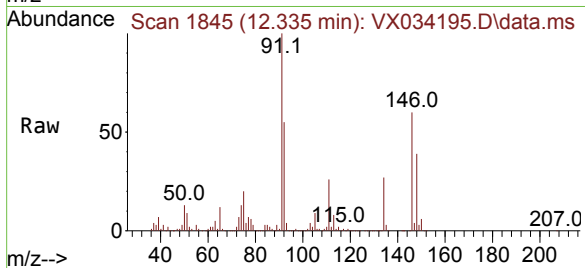
Tgt Ion:146 Resp: 446178

Ion Ratio Lower Upper

146 100

111 43.2 19.3 57.8

148 64.1 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.906 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

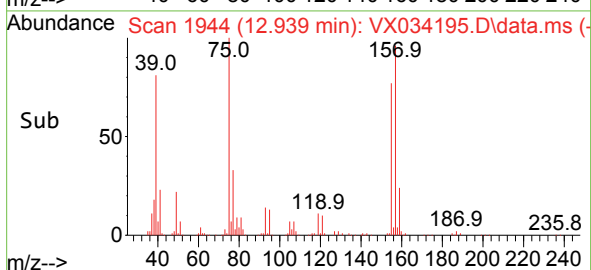
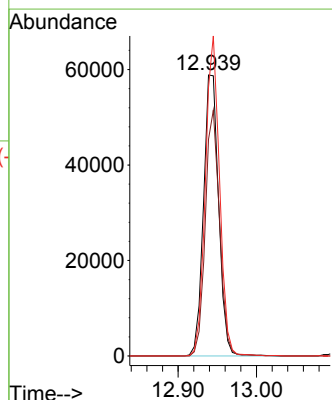
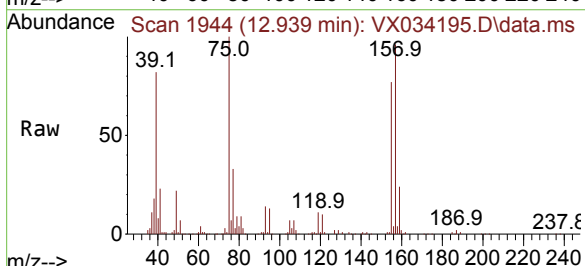
Tgt Ion: 75 Resp: 78840

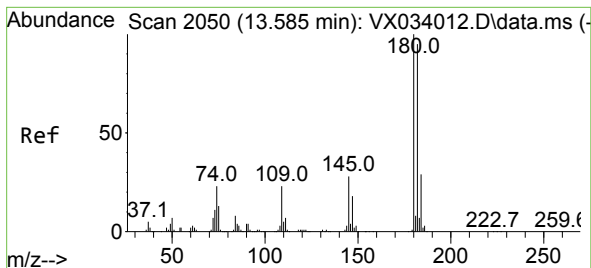
Ion Ratio Lower Upper

75 100

155 82.6 51.7 155.1

157 106.5 67.5 202.3





#93

1,2,4-Trichlorobenzene

Concen: 48.592 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

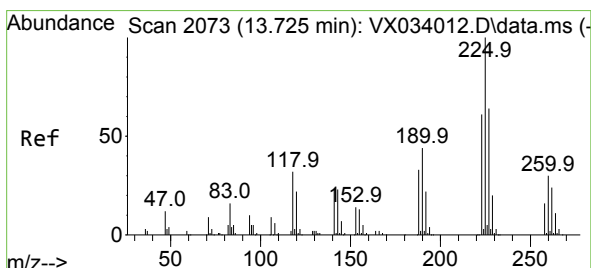
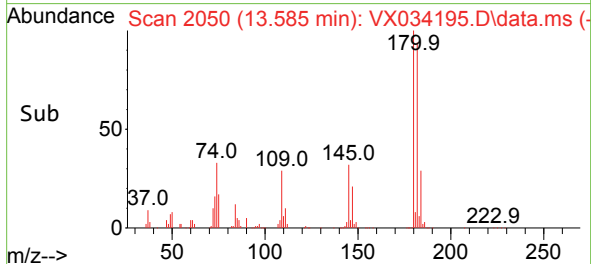
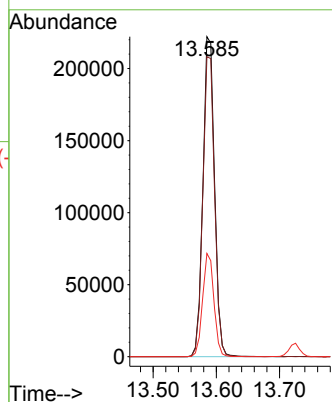
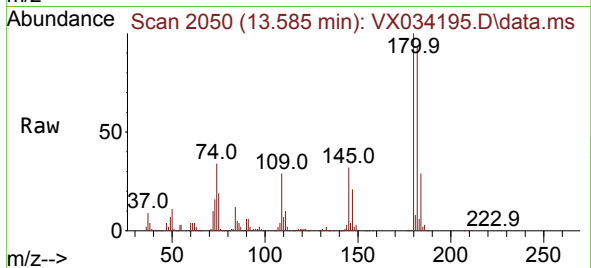
Tgt Ion:180 Resp: 283888

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 31.5 14.1 42.2



#94

Hexachlorobutadiene

Concen: 46.277 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034195.D

Acq: 20 Feb 2023 18:06

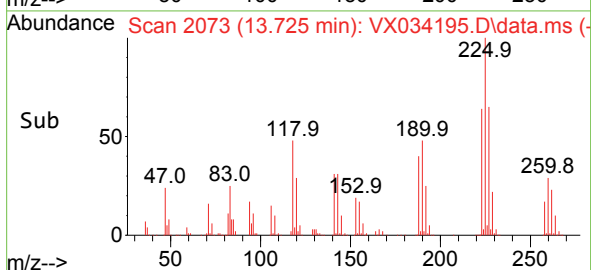
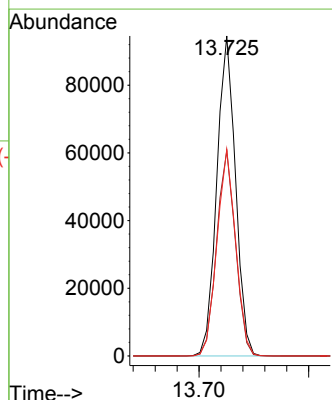
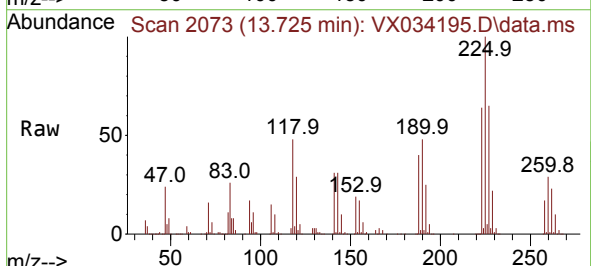
Tgt Ion:225 Resp: 112080

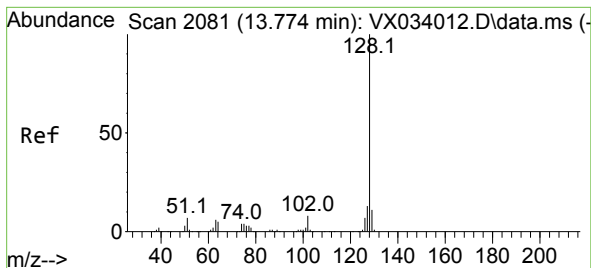
Ion Ratio Lower Upper

225 100

223 64.5 31.3 93.9

227 64.6 32.3 96.9

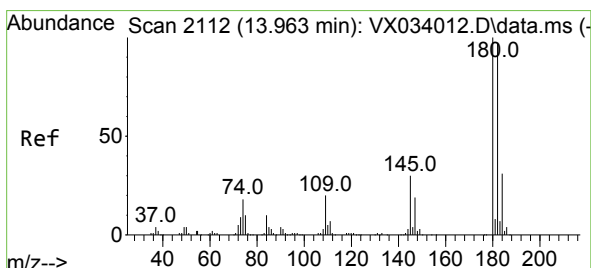
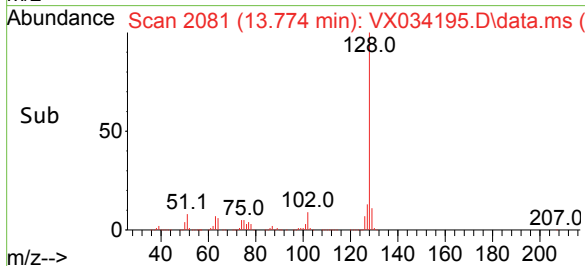
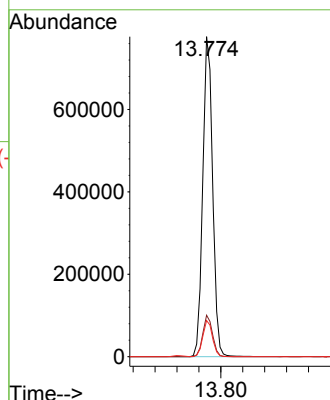
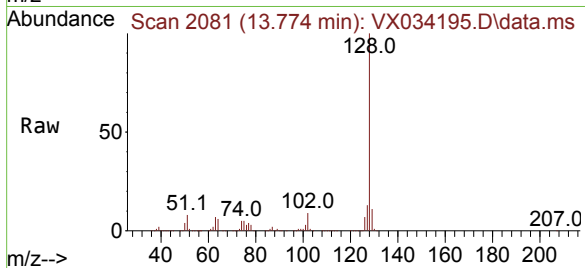




#95
Naphthalene
Concen: 49.381 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 971870
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.372 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034195.D
Acq: 20 Feb 2023 18:06

Tgt Ion:180 Resp: 280564
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.9
145 34.1 15.1 45.3

