

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037283.D
 Acq On : 25 Aug 2023 20:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 28 01:34:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	133937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117872	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101296	52.459	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.920%	
35) Dibromofluoromethane	5.385	113	85906	55.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.080%	
50) Toluene-d8	8.647	98	306769	54.189	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.380%	
62) 4-Bromofluorobenzene	11.079	95	124794	56.094	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	79768	51.270	ug/l	98
3) Chloromethane	1.301	50	75845	55.722	ug/l	99
4) Vinyl Chloride	1.374	62	78525	53.001	ug/l	97
5) Bromomethane	1.599	94	35068	47.518	ug/l	98
6) Chloroethane	1.679	64	41732	47.866	ug/l	95
7) Trichlorofluoromethane	1.880	101	128460	52.930	ug/l	100
8) Diethyl Ether	2.136	74	50407	53.684	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	72511	51.214	ug/l	97
10) Methyl Iodide	2.447	142	86701	50.385	ug/l	95
11) Tert butyl alcohol	2.965	59	117055	258.426	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	69508	50.414	ug/l #	80
13) Acrolein	2.233	56	86717	251.658	ug/l	98
14) Allyl chloride	2.660	41	108719	50.945	ug/l #	89
15) Acrylonitrile	3.062	53	225523	278.952	ug/l	99
16) Acetone	2.380	43	186256	246.565	ug/l	91
17) Carbon Disulfide	2.508	76	147679	42.109	ug/l	98
18) Methyl Acetate	2.703	43	150708	52.987	ug/l #	87
19) Methyl tert-butyl Ether	3.111	73	274869	52.566	ug/l	96
20) Methylene Chloride	2.788	84	89855	53.190	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	77399	49.383	ug/l	88
22) Diisopropyl ether	3.764	45	232010	52.981	ug/l #	81
23) Vinyl Acetate	3.721	43	871189	259.607	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	146119	53.209	ug/l	97
25) 2-Butanone	4.556	43	298452	262.396	ug/l #	87
26) 2,2-Dichloropropane	4.477	77	102364	41.739	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	96449	52.199	ug/l	87
28) Bromochloromethane	4.898	49	64680	52.725	ug/l #	73
29) Tetrahydrofuran	5.001	42	188097	259.315	ug/l #	82
30) Chloroform	5.093	83	162066	52.573	ug/l	98
31) Cyclohexane	5.471	56	108632	50.034	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	143887	52.086	ug/l	96
36) 1,1-Dichloropropene	5.690	75	107341	48.411	ug/l	97
37) Ethyl Acetate	4.715	43	113446	50.087	ug/l #	92
38) Carbon Tetrachloride	5.672	117	122948	51.046	ug/l	97
39) Methylcyclohexane	7.379	83	127448	54.709	ug/l	91
40) Benzene	6.038	78	330340	51.947	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	61858	52.536	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	125428	50.296	ug/l	95
43) Isopropyl Acetate	6.342	43	185159	51.491	ug/l #	91
44) Trichloroethene	7.123	130	88783	49.237	ug/l	96
45) 1,2-Dichloropropane	7.434	63	83409	53.195	ug/l	97
46) Dibromomethane	7.580	93	63878	51.714	ug/l	94
47) Bromodichloromethane	7.824	83	125832	53.185	ug/l	97
48) Methyl methacrylate	7.690	41	90601	51.664	ug/l #	84
49) 1,4-Dioxane	7.659	88	53971	1142.753	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	589555	270.000	ug/l	89
52) Toluene	8.720	92	218856	52.088	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	130871	51.951	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	139101	51.097	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	94231	55.077	ug/l	97
56) Ethyl methacrylate	9.116	69	146262	54.578	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	155674	53.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	353820	275.122	ug/l	92
59) 2-Hexanone	9.433	43	458802	275.574	ug/l	87
60) Dibromochloromethane	9.525	129	101245	55.581	ug/l	100
61) 1,2-Dibromoethane	9.610	107	99862	53.311	ug/l	98
64) Tetrachloroethene	9.275	164	72934	45.087	ug/l	99
65) Chlorobenzene	10.080	112	243138	51.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	93177	53.869	ug/l	99
67) Ethyl Benzene	10.195	91	427855	51.883	ug/l	99
68) m/p-Xylenes	10.299	106	331974	104.243	ug/l	97
69) o-Xylene	10.640	106	166615	53.029	ug/l	99
70) Styrene	10.653	104	281952	54.477	ug/l	97
71) Bromoform	10.799	173	75139	58.075	ug/l #	100
73) Isopropylbenzene	10.964	105	436362	50.932	ug/l	99
74) N-amyl acetate	10.842	43	168452	50.601	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	155317	53.830	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	170021	67.730	ug/l	91
77) Bromobenzene	11.195	156	106927	51.102	ug/l	91
78) n-propylbenzene	11.305	91	494919	51.878	ug/l	99
79) 2-Chlorotoluene	11.366	91	309458	50.760	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	377345	52.799	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	43041	47.889	ug/l	87
82) 4-Chlorotoluene	11.451	91	355518	50.518	ug/l	98
83) tert-Butylbenzene	11.713	119	380347	55.803	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	380908	52.736	ug/l	98
85) sec-Butylbenzene	11.890	105	461416	57.958	ug/l	98
86) p-Isopropyltoluene	12.006	119	395330	57.683	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	202595	51.716	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	203599	50.304	ug/l	99
89) n-Butylbenzene	12.329	91	329157	57.929	ug/l	99
90) Hexachloroethane	12.536	117	70335	61.487	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	208787	54.428	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	35719	53.278	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	124565	55.497	ug/l	97
94) Hexachlorobutadiene	13.725	225	52799	60.890	ug/l	99
95) Naphthalene	13.774	128	458229	46.606	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	124952	56.033	ug/l	99

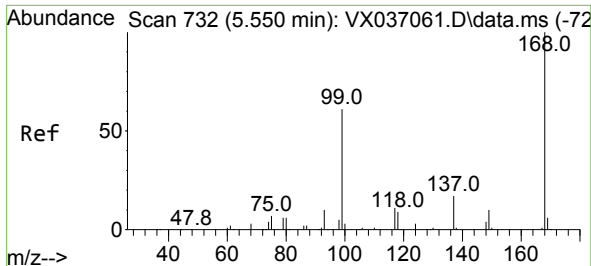
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Response via : Initial Calibration

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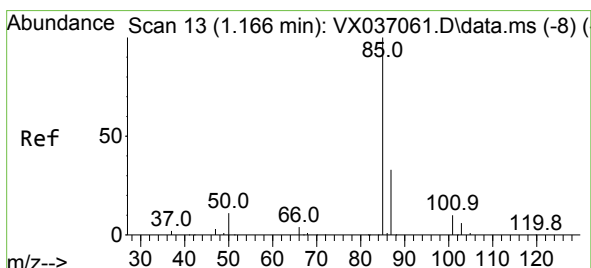
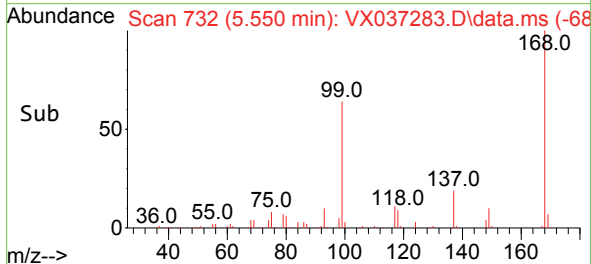
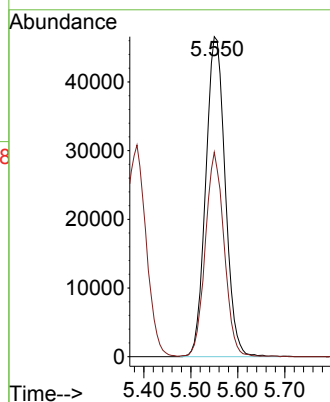
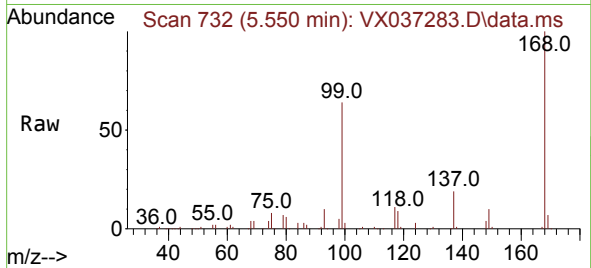
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037283.D
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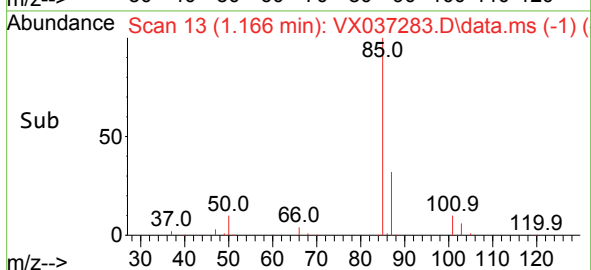
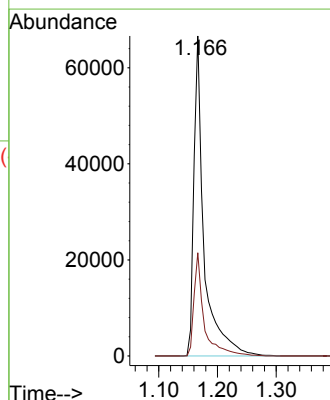
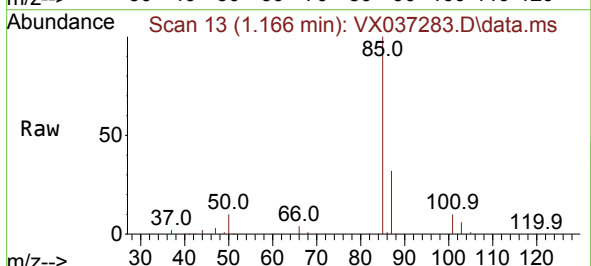
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

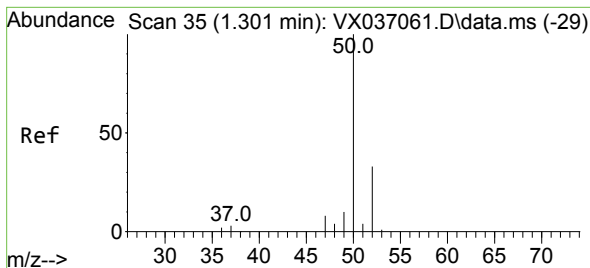
Tgt Ion:168 Resp: 133937
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 51.270 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 85 Resp: 79768
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3

Chloromethane

Concen: 55.722 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

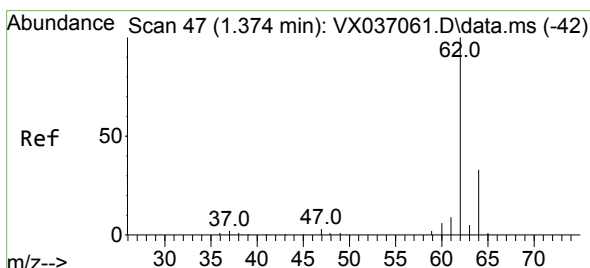
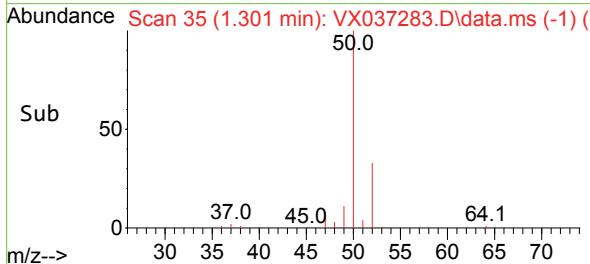
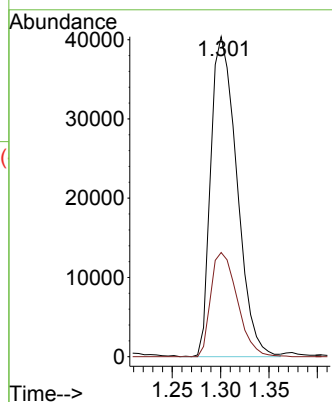
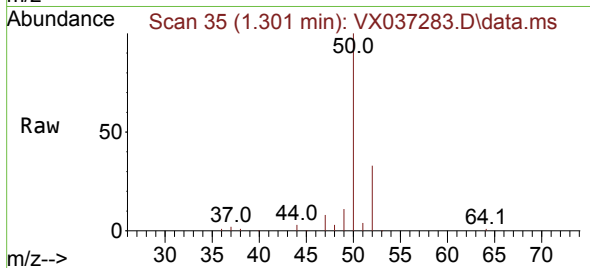
VSTDCCC050EC

Tgt Ion: 50 Resp: 75845

Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3



#4

Vinyl Chloride

Concen: 53.001 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX037283.D

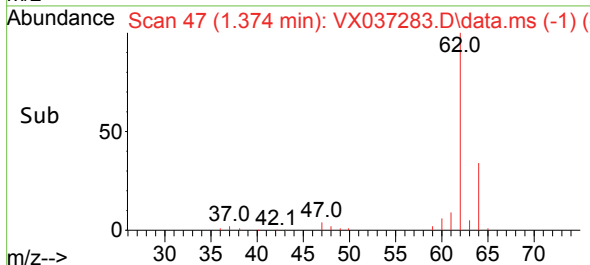
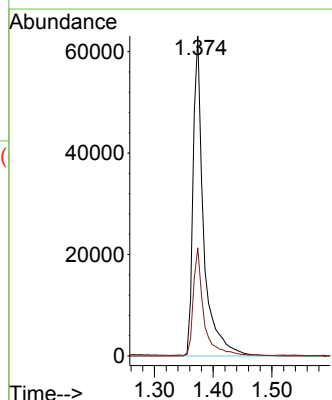
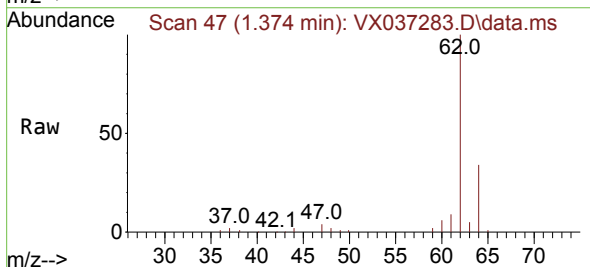
Acq: 25 Aug 2023 20:24

Tgt Ion: 62 Resp: 78525

Ion Ratio Lower Upper

62 100

64 33.5 25.4 38.0

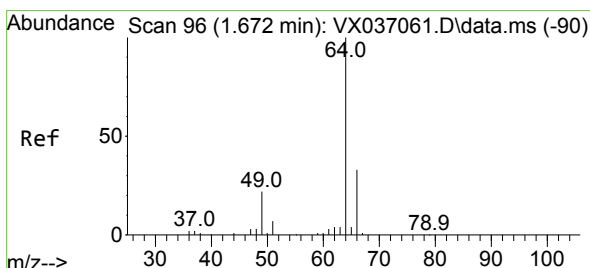
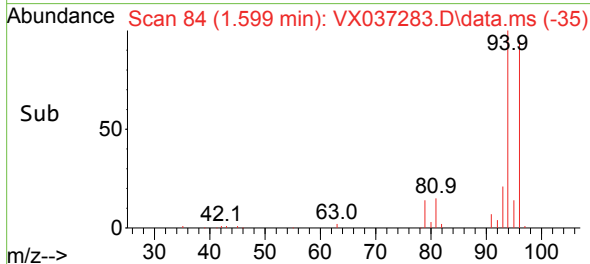
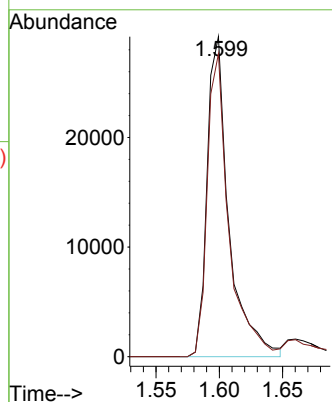
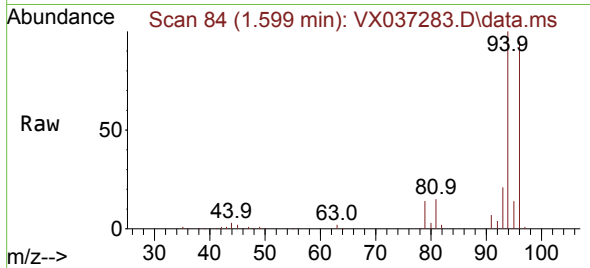




#5
Bromomethane
Concen: 47.518 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

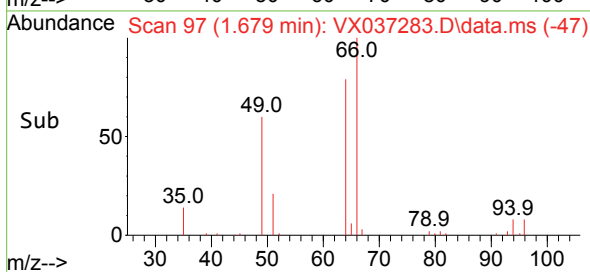
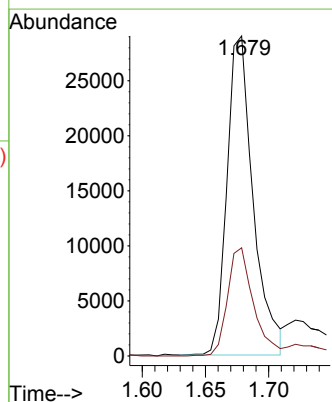
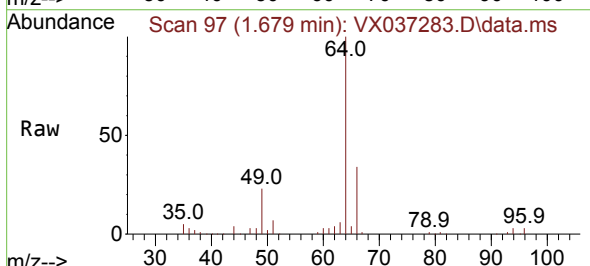
Instrument :
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Tgt Ion: 94 Resp: 35068
Ion Ratio Lower Upper
94 100
96 94.7 74.6 111.8



#6
Chloroethane
Concen: 47.866 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.007 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 64 Resp: 41732
Ion Ratio Lower Upper
64 100
66 33.9 25.1 37.7

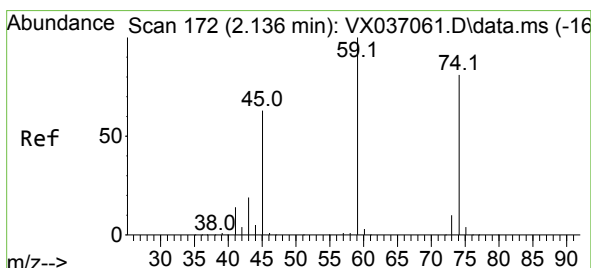
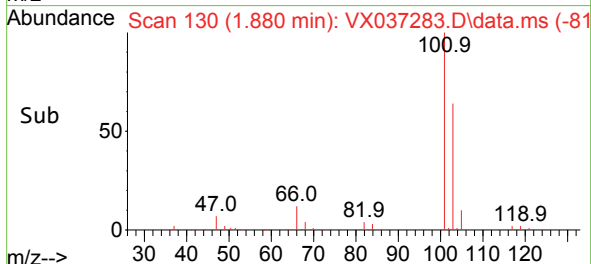
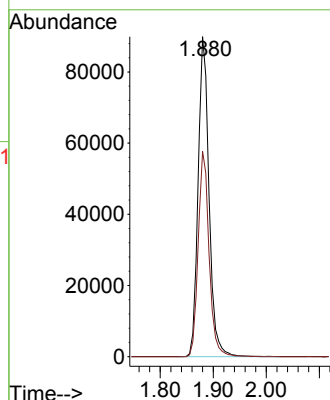
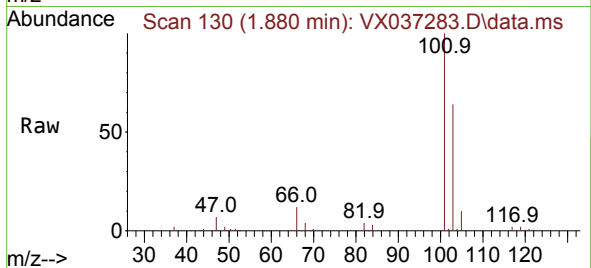




#7
Trichlorofluoromethane
Concen: 52.930 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037283.D
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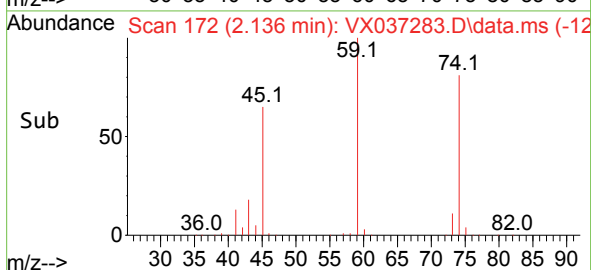
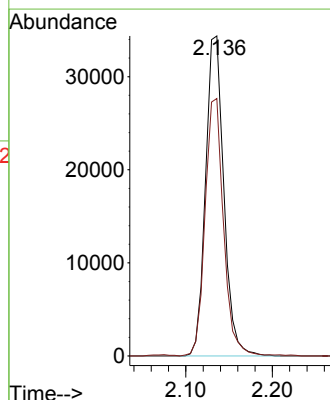
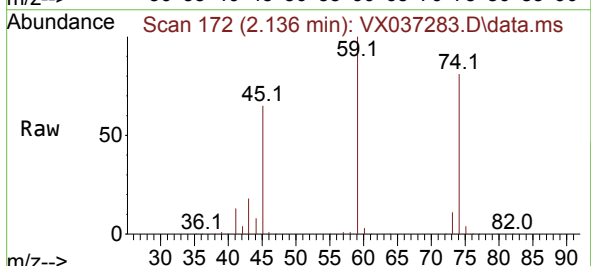
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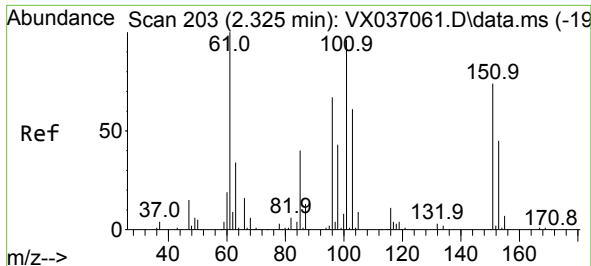
Tgt Ion:101 Resp: 128460
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2



#8
Diethyl Ether
Concen: 53.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 74 Resp: 50407
Ion Ratio Lower Upper
74 100
45 81.5 53.3 159.8

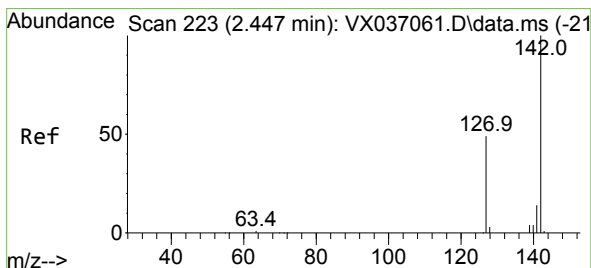
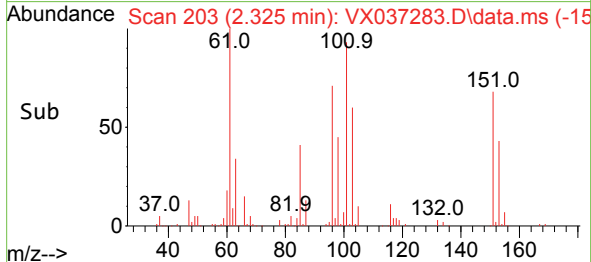
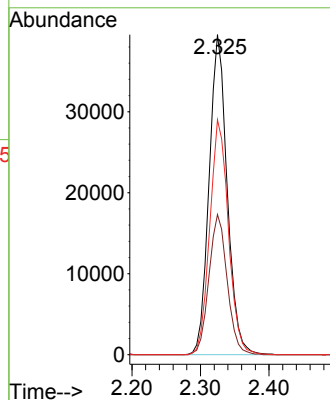
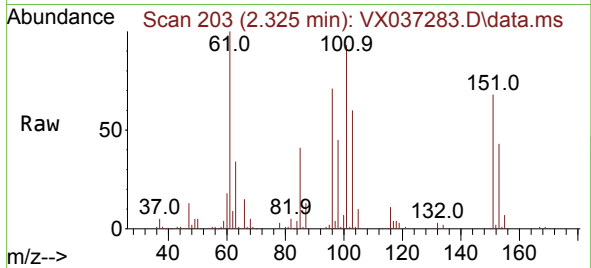




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.214 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037283.D
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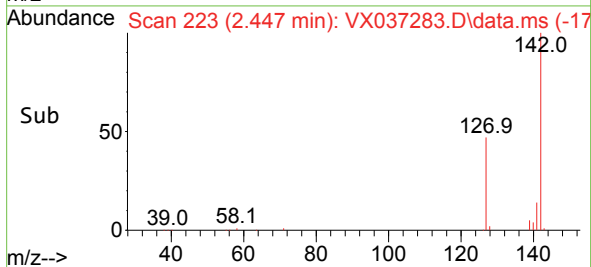
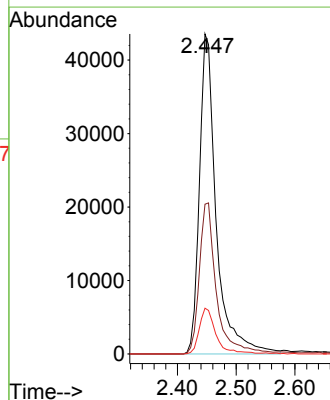
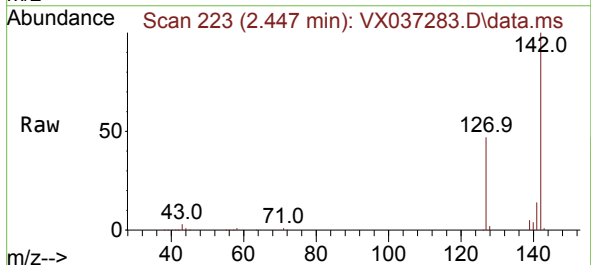
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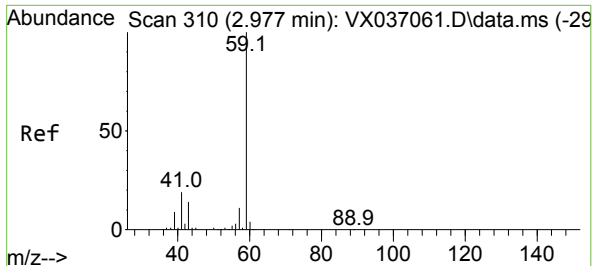
Tgt Ion:101 Resp: 72511
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 75.7 58.6 87.8



#10
Methyl Iodide
Concen: 50.385 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion:142 Resp: 86701
Ion Ratio Lower Upper
142 100
127 47.9 41.6 62.4
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 258.426 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

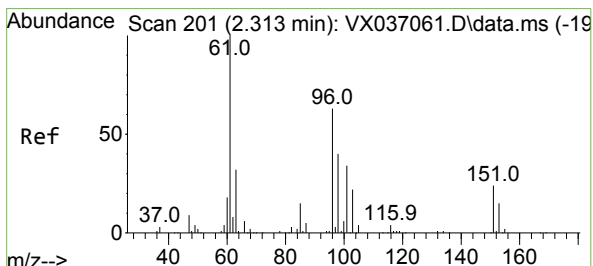
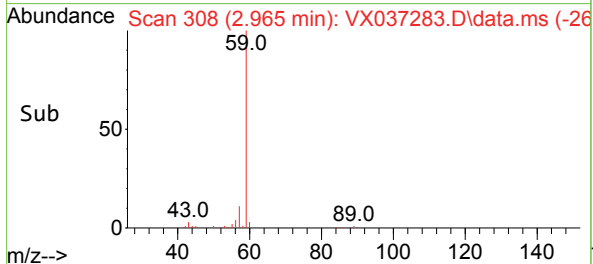
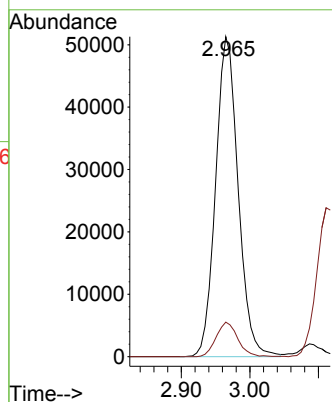
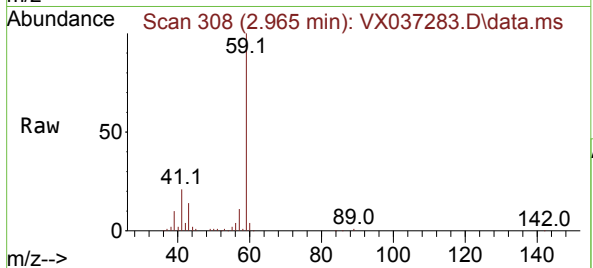
VSTDCCC050EC

Tgt Ion: 59 Resp: 117055

Ion Ratio Lower Upper

59 100

57 10.4 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 50.414 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

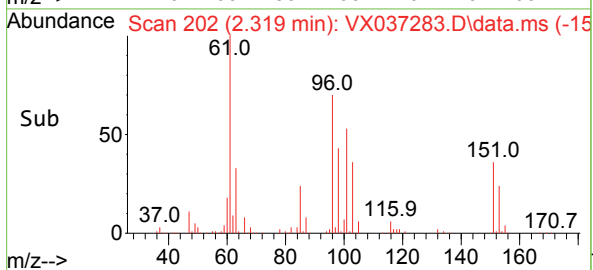
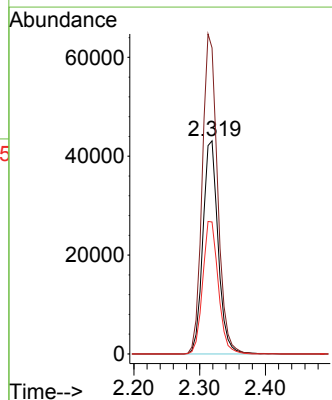
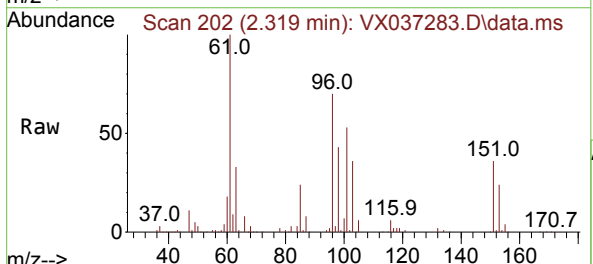
Tgt Ion: 96 Resp: 69508

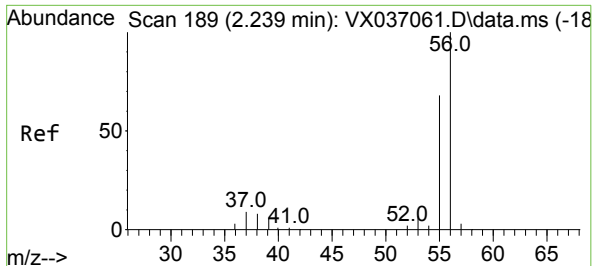
Ion Ratio Lower Upper

96 100

61 143.6 144.6 216.8#

98 61.9 50.4 75.6

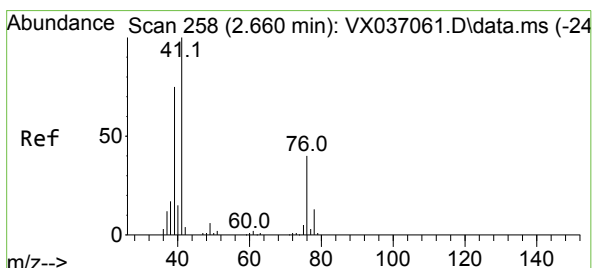
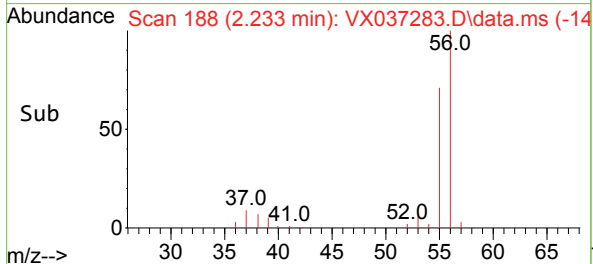
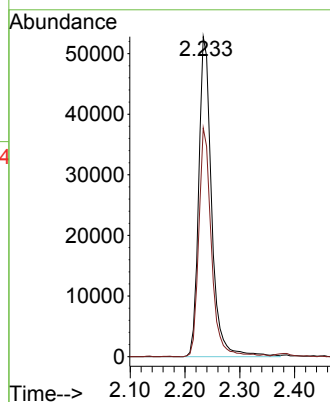
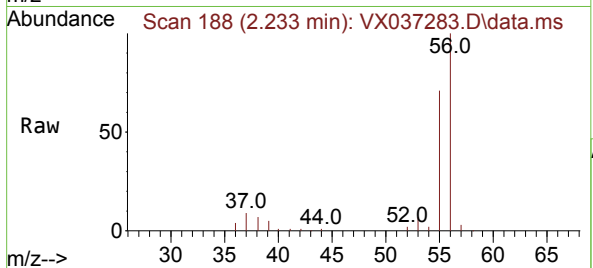




#13
Acrolein
Concen: 251.658 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

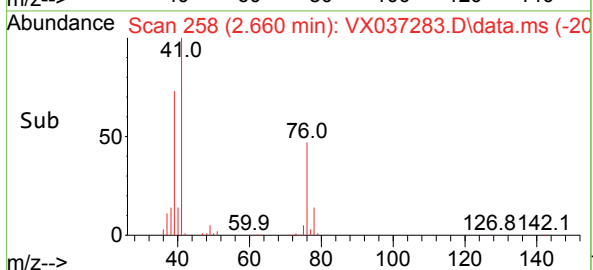
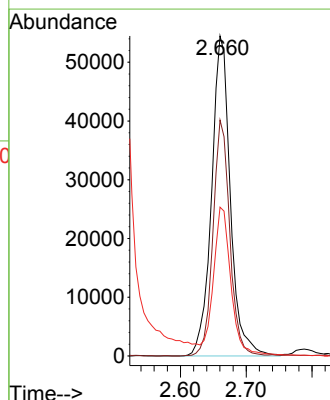
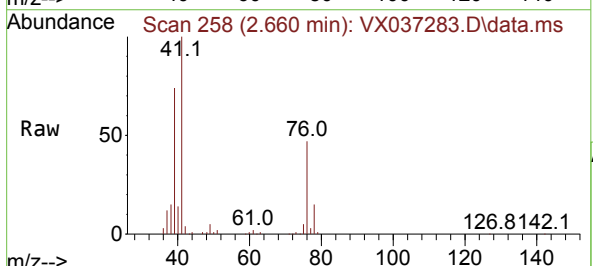
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

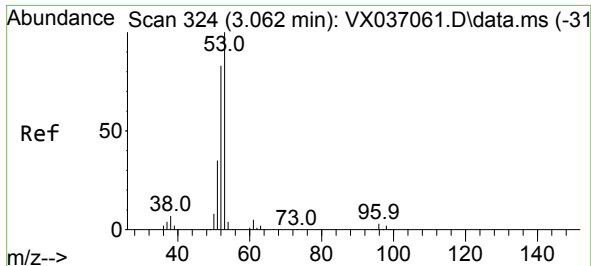
Tgt Ion: 56 Resp: 86717
Ion Ratio Lower Upper
56 100
55 69.9 57.1 85.7



#14
Allyl chloride
Concen: 50.945 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 41 Resp: 108719
Ion Ratio Lower Upper
41 100
39 65.7 55.8 83.6
76 44.1 24.3 36.5

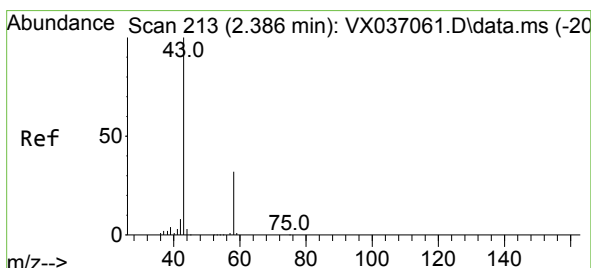
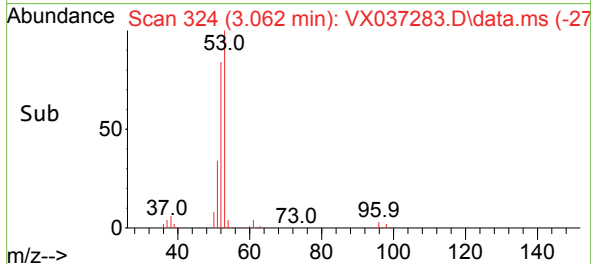
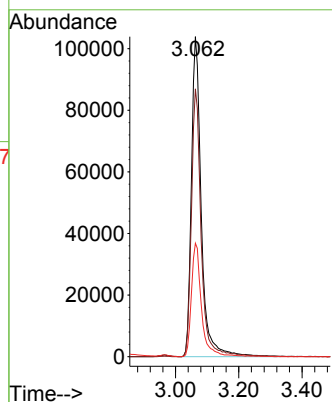
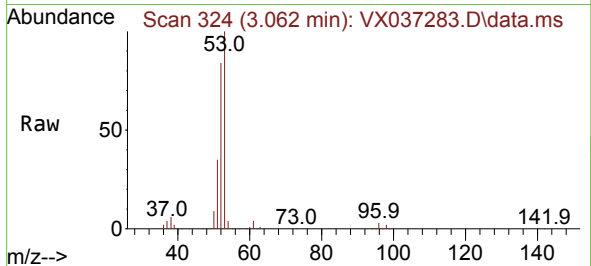




#15
Acrylonitrile
Concen: 278.952 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

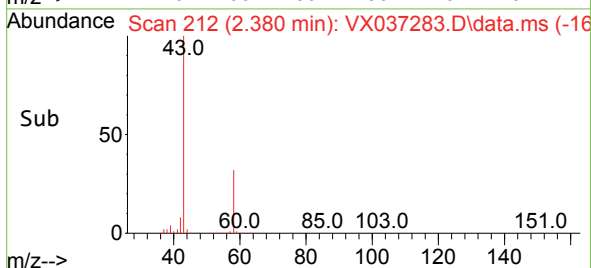
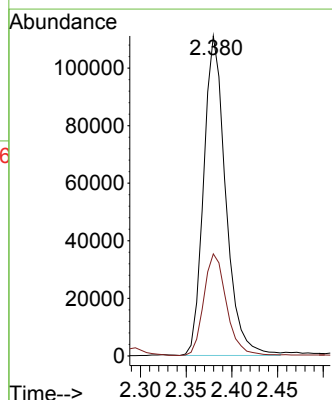
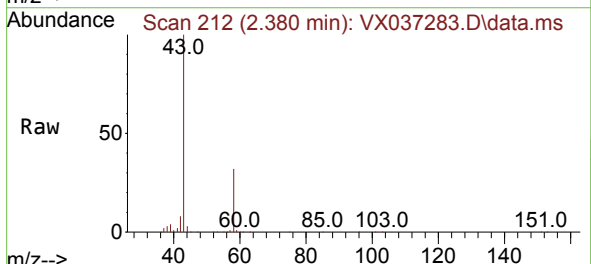
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

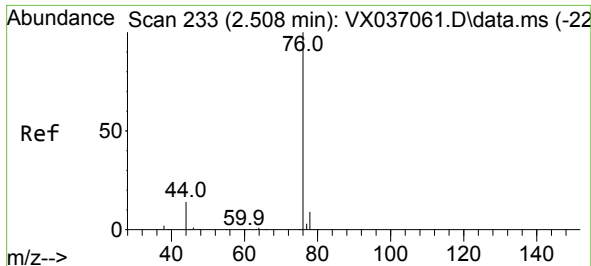
Tgt Ion: 53 Resp: 225523
Ion Ratio Lower Upper
53 100
52 81.6 66.0 99.0
51 35.9 29.8 44.6



#16
Acetone
Concen: 246.565 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 43 Resp: 186256
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9

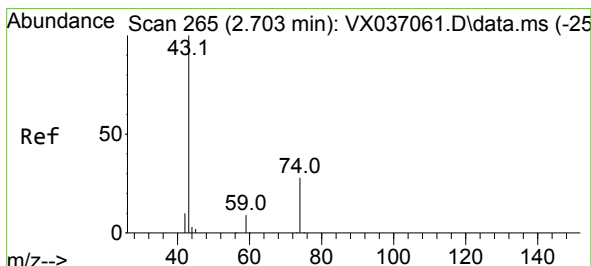
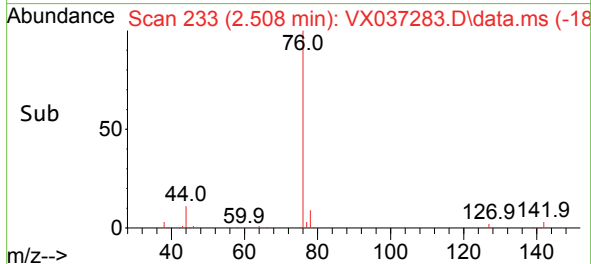
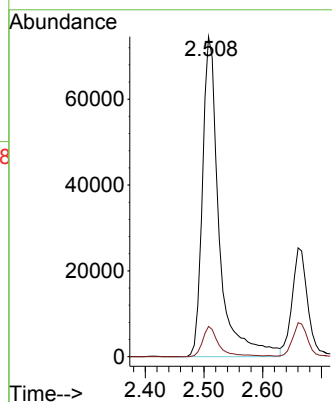
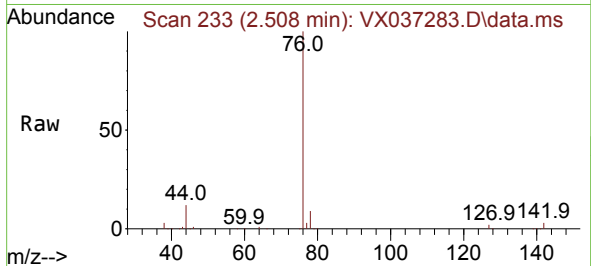




#17
Carbon Disulfide
Concen: 42.109 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

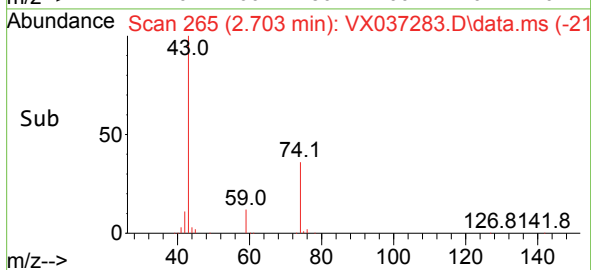
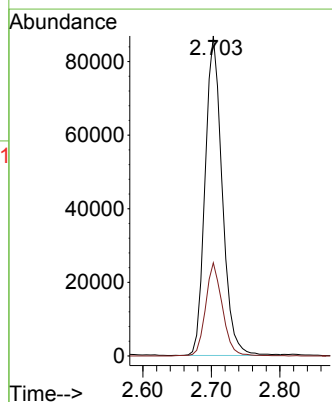
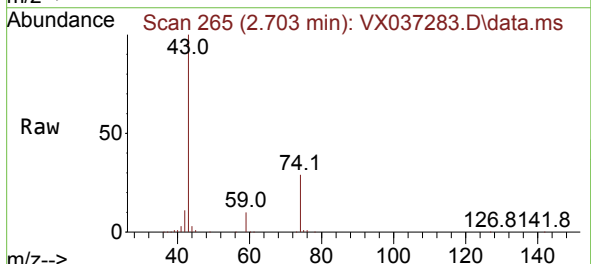
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 147679
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 52.987 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 43 Resp: 150708
Ion Ratio Lower Upper
43 100
74 28.7 17.8 26.8#

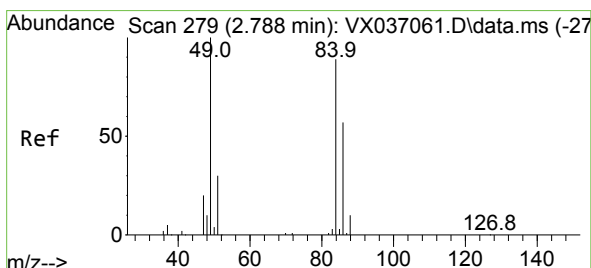
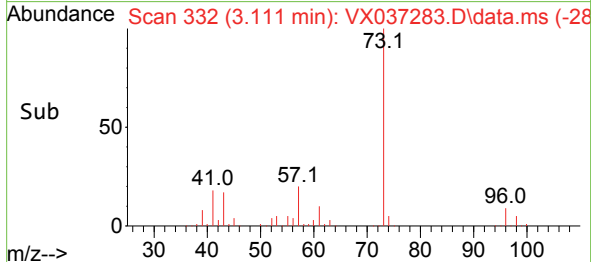
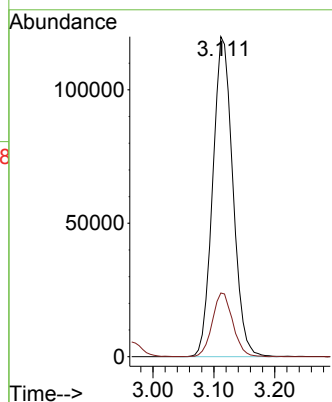
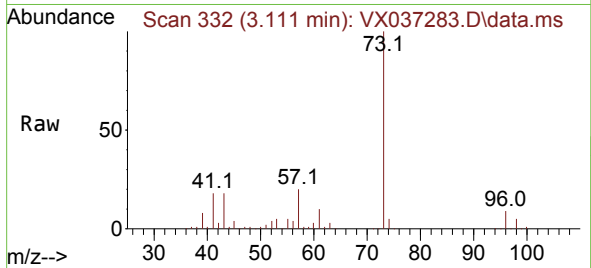




#19
Methyl tert-butyl Ether
Concen: 52.566 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

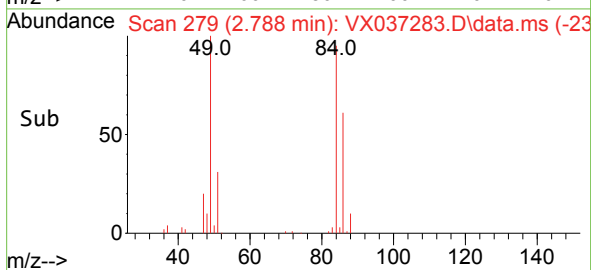
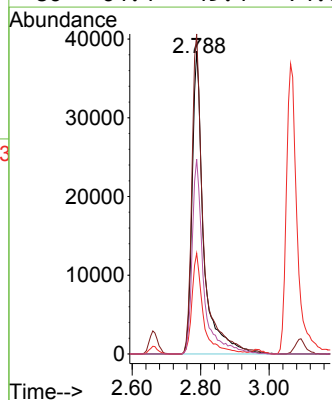
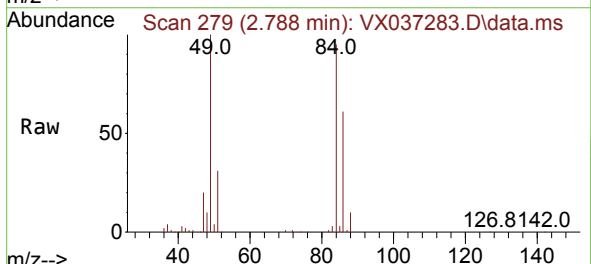
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

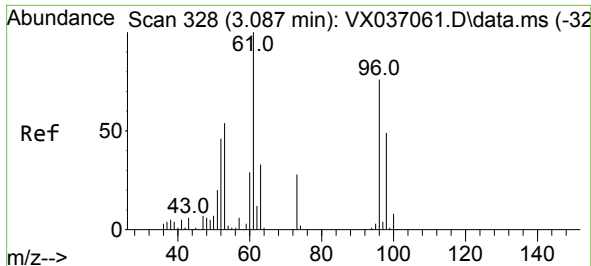
Tgt Ion: 73 Resp: 274869
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 53.190 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 84 Resp: 89855
Ion Ratio Lower Upper
84 100
49 105.8 103.6 155.4
51 33.3 33.8 50.6#
86 64.4 49.4 74.0

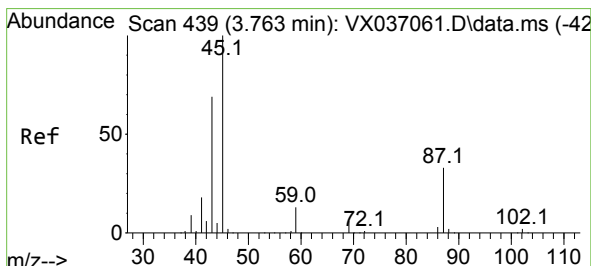
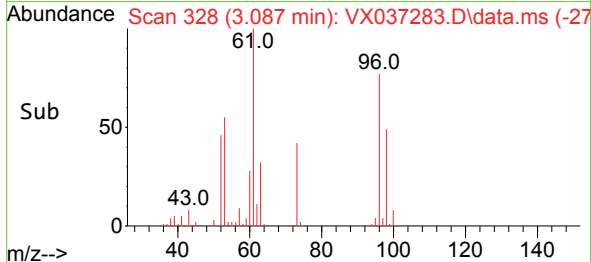
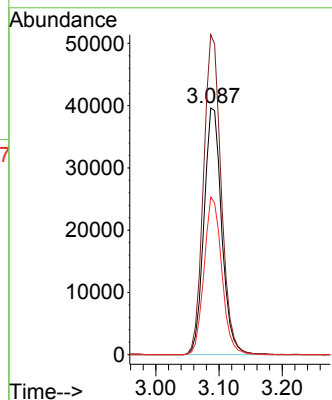
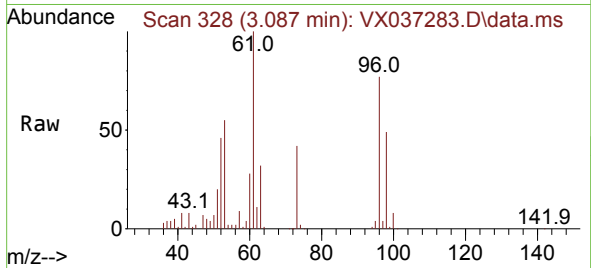




#21
trans-1,2-Dichloroethene
Concen: 49.383 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

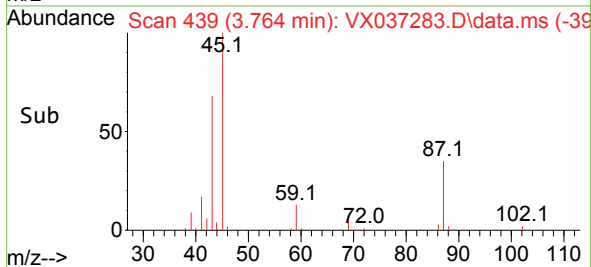
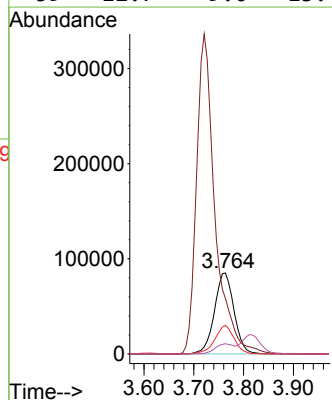
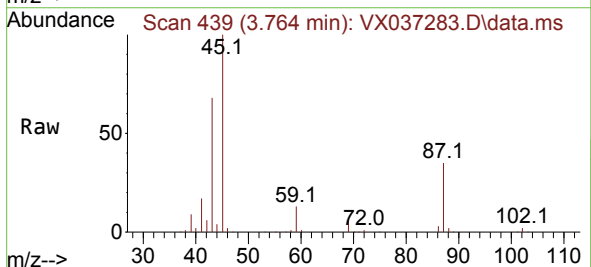
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

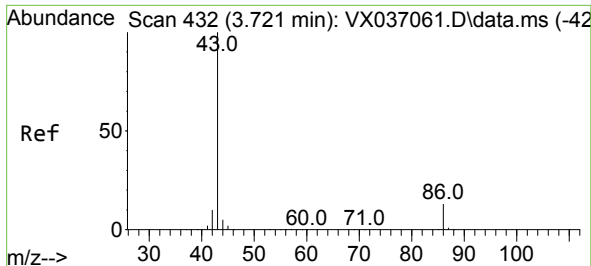
Tgt Ion: 96 Resp: 77399
Ion Ratio Lower Upper
96 100
61 129.7 119.2 178.8
98 63.9 48.7 73.1



#22
Diisopropyl ether
Concen: 52.981 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 45 Resp: 232010
Ion Ratio Lower Upper
45 100
43 68.0 69.7 104.5#
87 35.3 20.8 31.2#
59 12.7 9.0 13.4

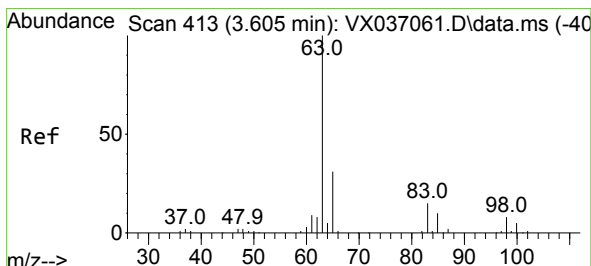
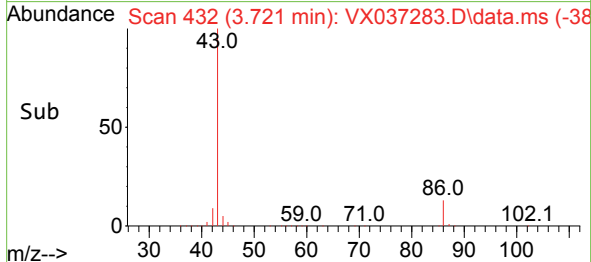
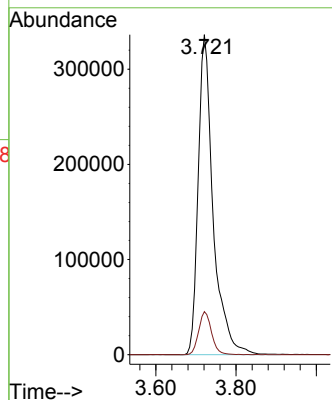
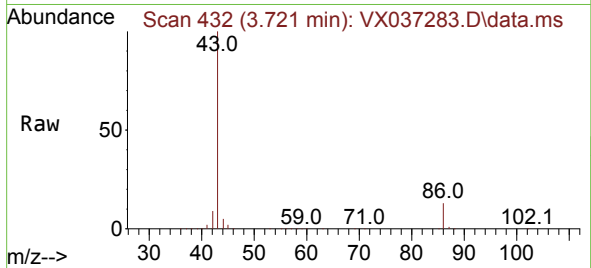




#23
 Vinyl Acetate
 Concen: 259.607 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX037283.D
 Acq: 25 Aug 2023 20:24

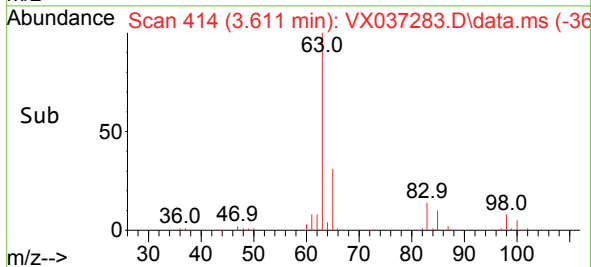
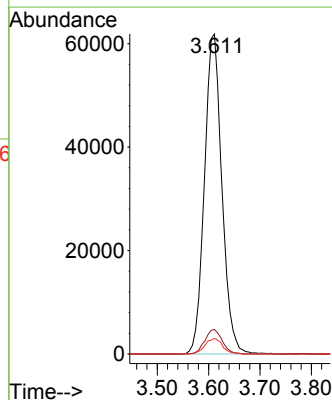
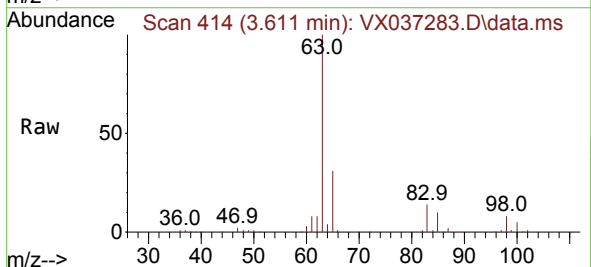
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

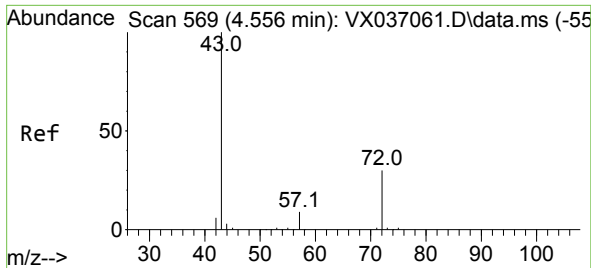
Tgt Ion: 43 Resp: 871189
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 53.209 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037283.D
 Acq: 25 Aug 2023 20:24

Tgt Ion: 63 Resp: 146119
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.8 2.1 6.5

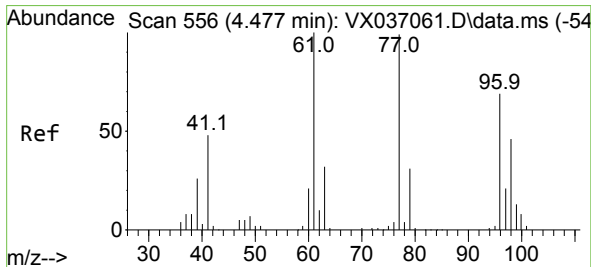
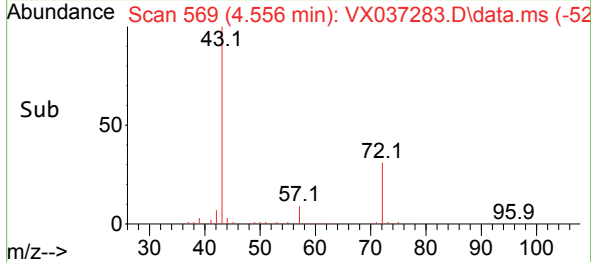
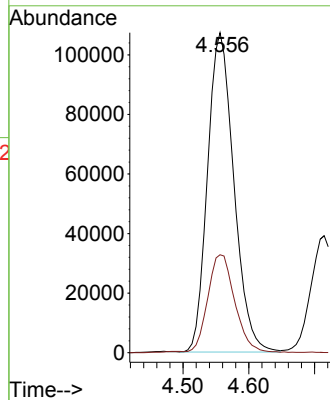
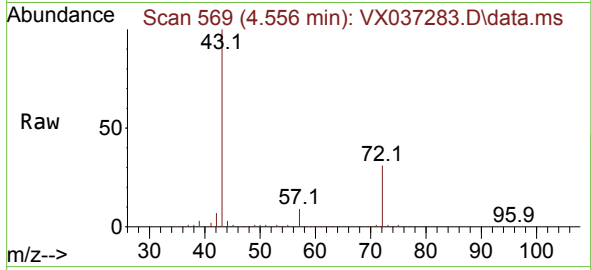




#25
2-Butanone
Concen: 262.396 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

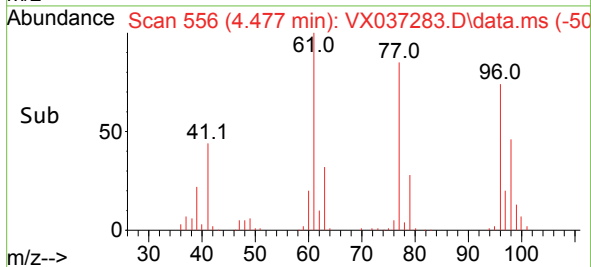
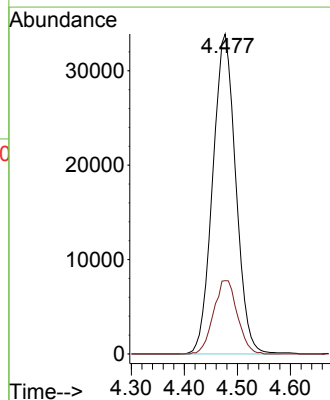
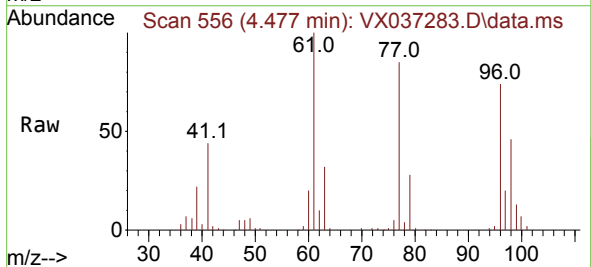
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 298452
Ion Ratio Lower Upper
43 100
72 30.5 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 41.739 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 77 Resp: 102364
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.3

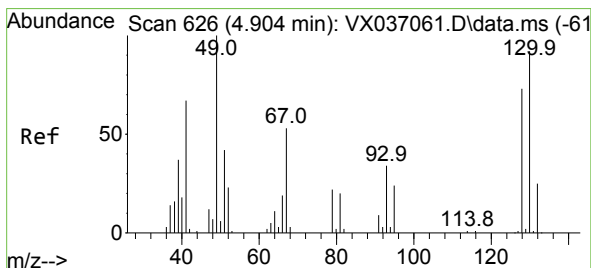
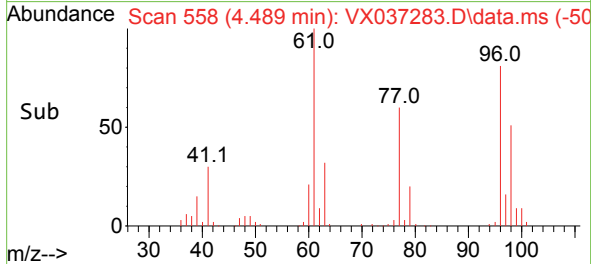
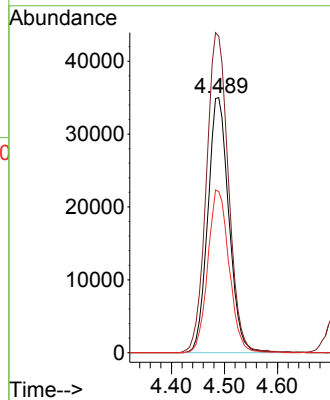
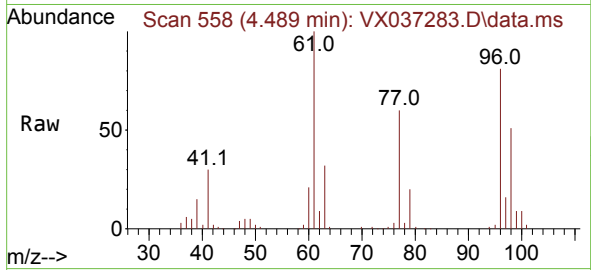




#27
 cis-1,2-Dichloroethene
 Concen: 52.199 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037283.D
 Acq: 25 Aug 2023 20:24

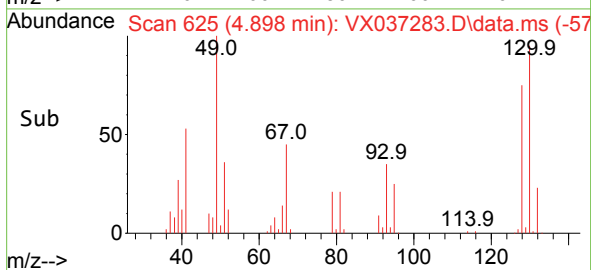
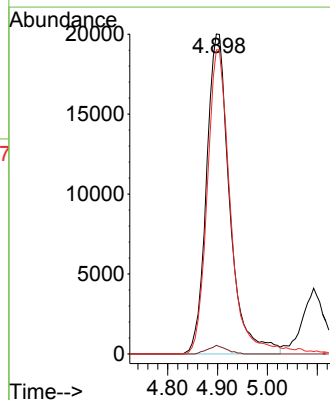
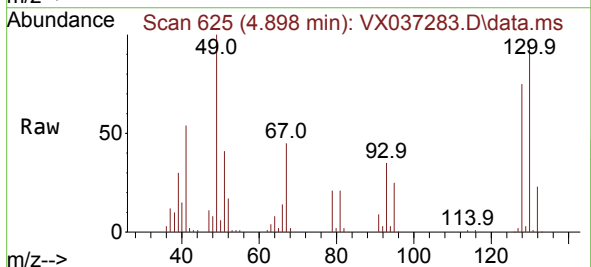
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

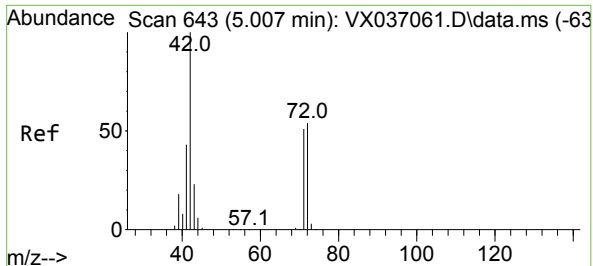
Tgt Ion: 96 Resp: 96449
 Ion Ratio Lower Upper
 96 100
 61 131.5 0.0 312.2
 98 64.5 0.0 129.0



#28
 Bromochloromethane
 Concen: 52.725 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037283.D
 Acq: 25 Aug 2023 20:24

Tgt Ion: 49 Resp: 64680
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 94.9 57.5 86.3#

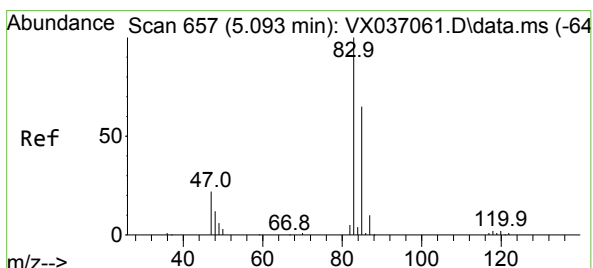
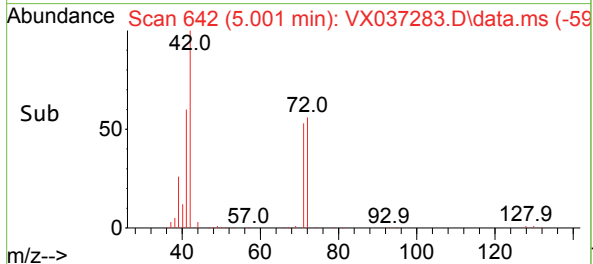
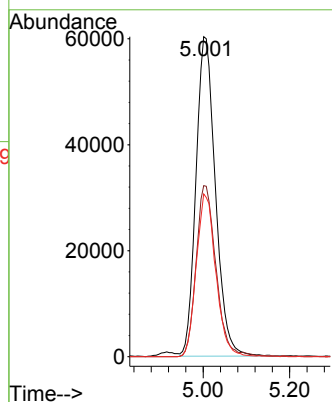
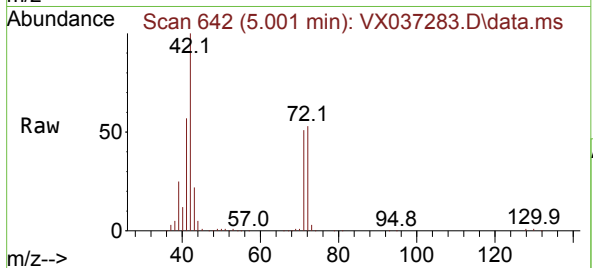




#29
Tetrahydrofuran
Concen: 259.315 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

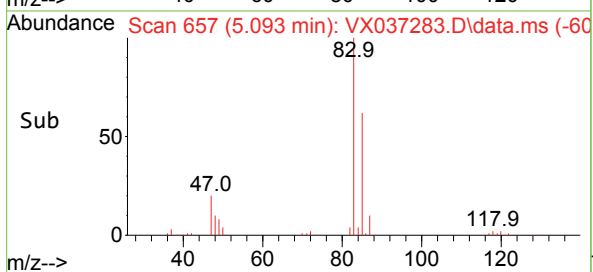
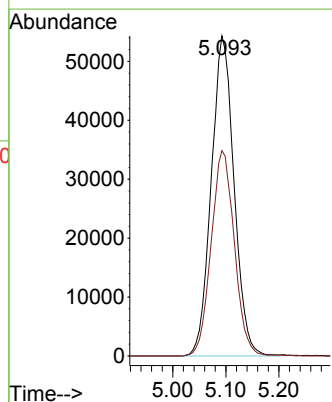
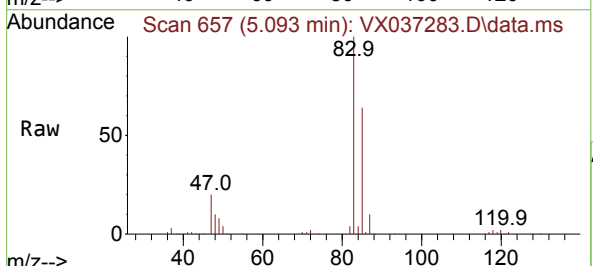
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

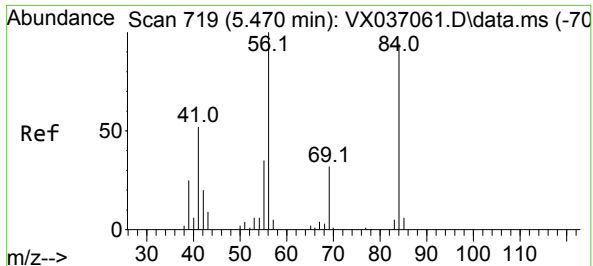
Tgt Ion: 42 Resp: 188097
Ion Ratio Lower Upper
42 100
72 54.8 34.2 51.4#
71 51.1 32.2 48.2#



#30
Chloroform
Concen: 52.573 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 83 Resp: 162066
Ion Ratio Lower Upper
83 100
85 64.1 50.3 75.5

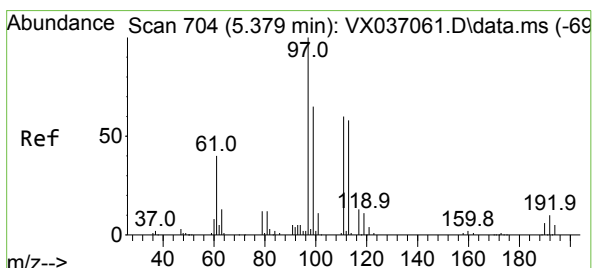
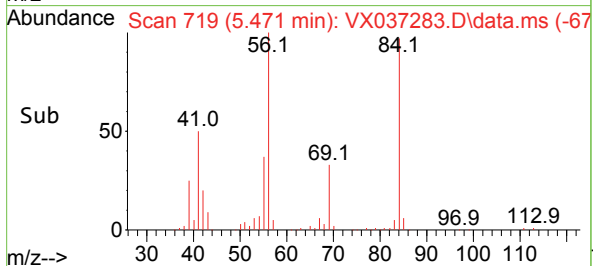
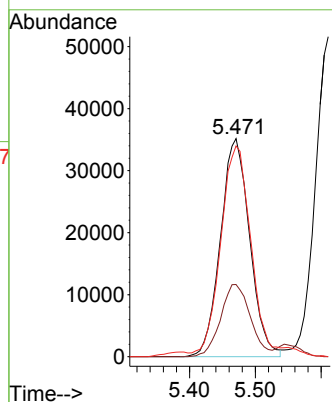
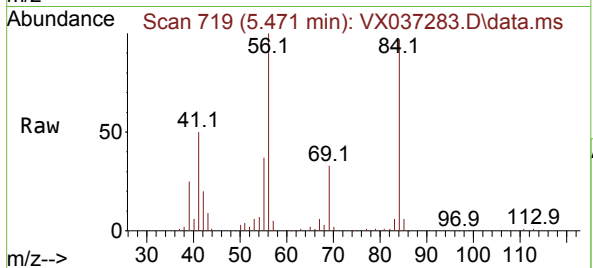




#31
Cyclohexane
Concen: 50.034 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

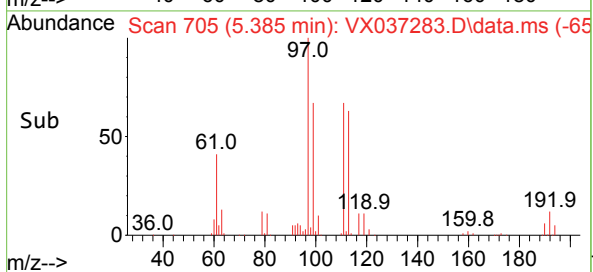
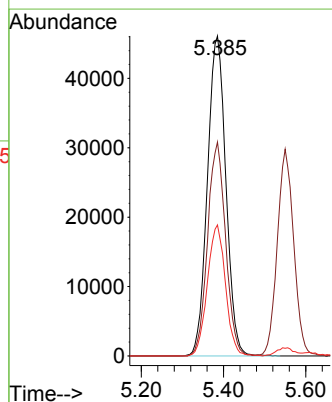
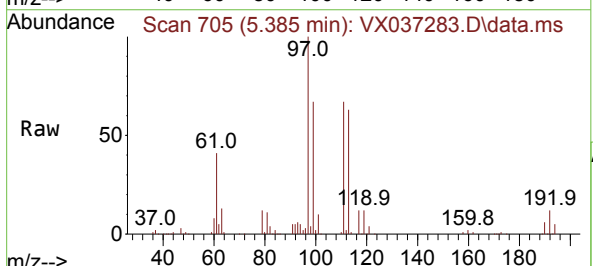
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

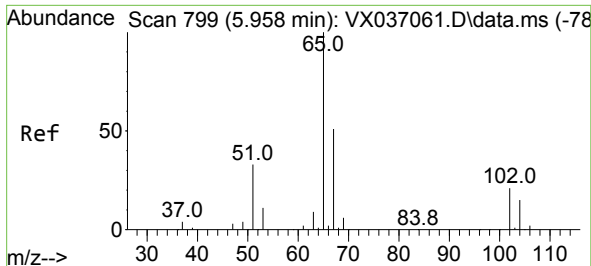
Tgt Ion: 56 Resp: 108632
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.2
84 94.5 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 52.086 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 97 Resp: 143887
Ion Ratio Lower Upper
97 100
99 65.2 51.1 76.7
61 40.2 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 52.459 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

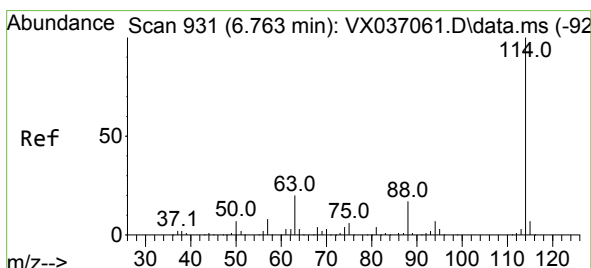
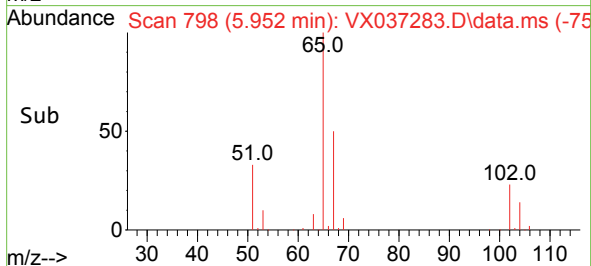
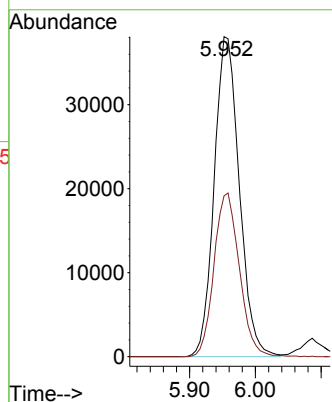
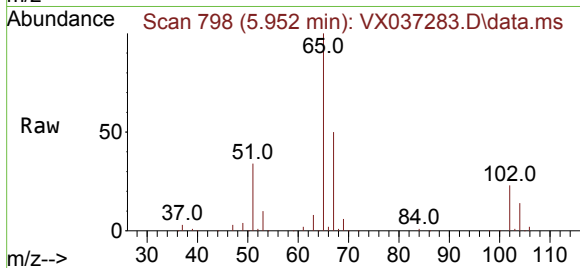
VSTDCCC050EC

Tgt Ion: 65 Resp: 101296

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

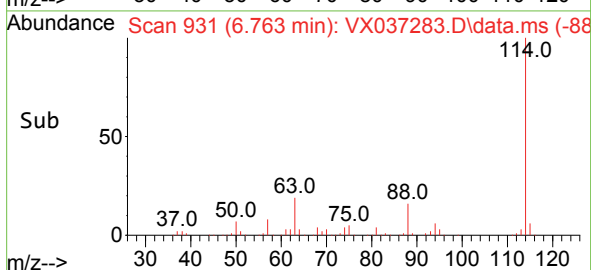
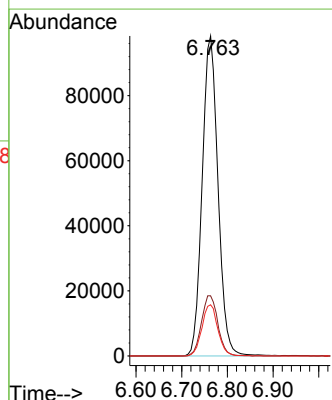
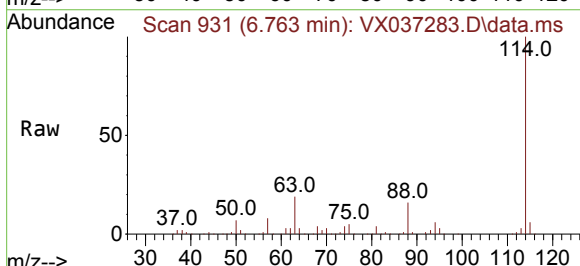
Tgt Ion: 114 Resp: 235652

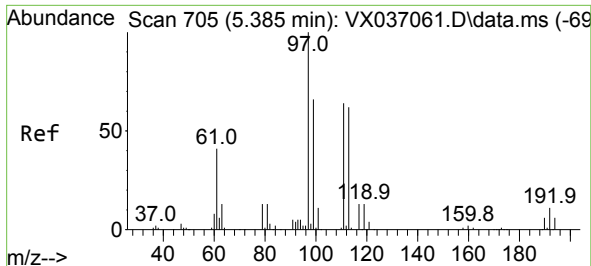
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 16.0 0.0 36.6

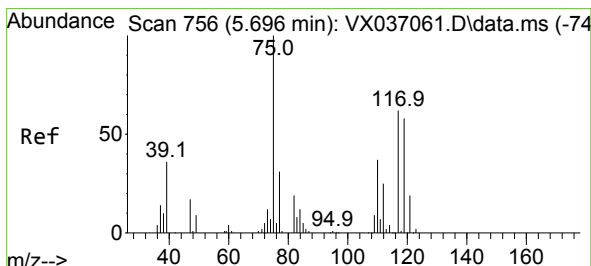
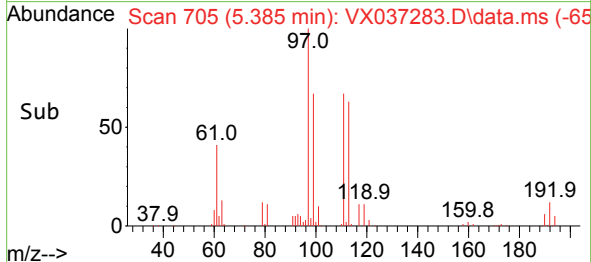
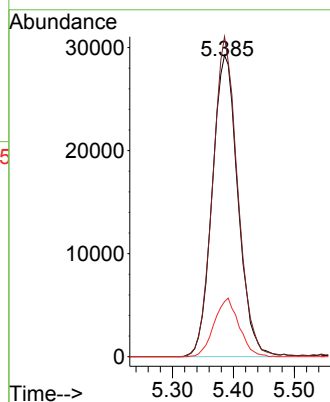
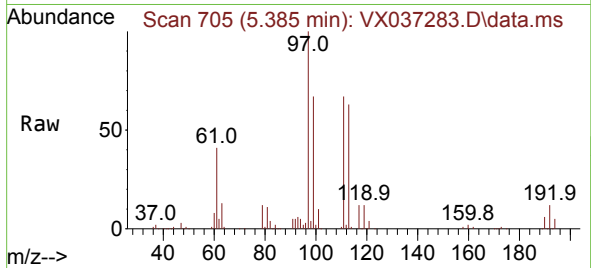




#35
Dibromofluoromethane
Concen: 55.044 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

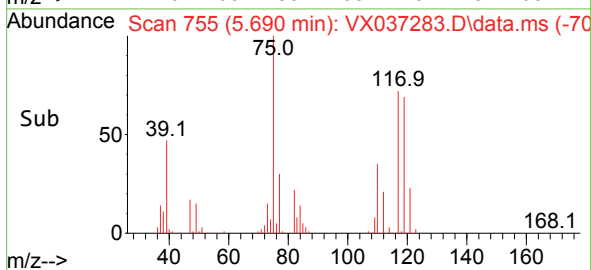
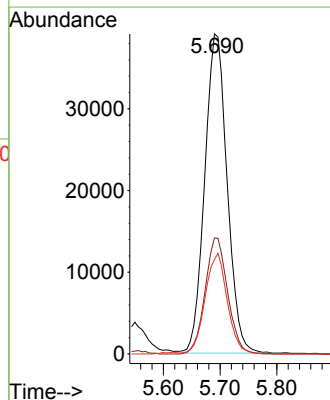
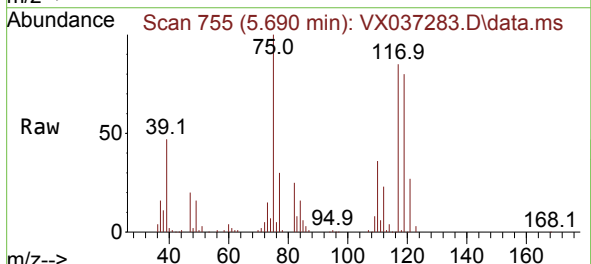
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

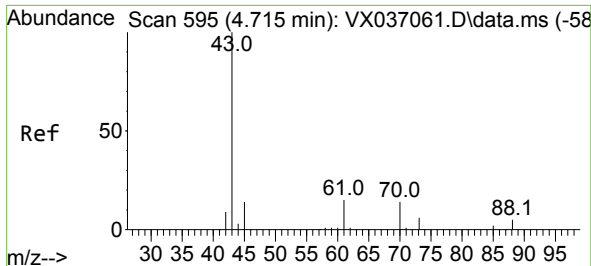
Tgt Ion:113 Resp: 85906
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 48.411 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 75 Resp: 107341
Ion Ratio Lower Upper
75 100
110 36.5 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 50.087 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX037283.D

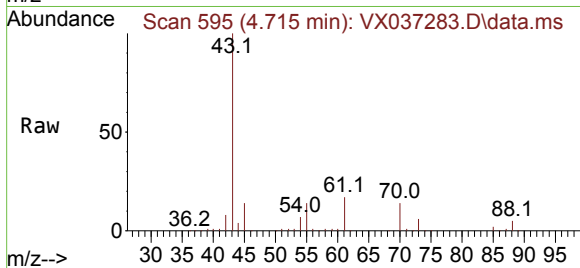
Acq: 25 Aug 2023 20:24

Instrument :

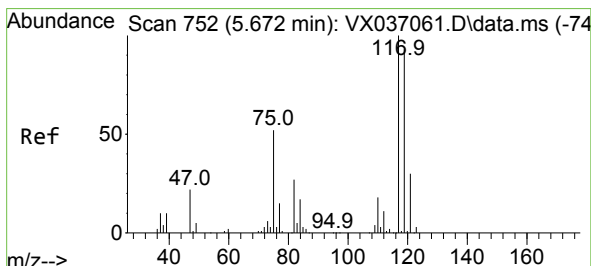
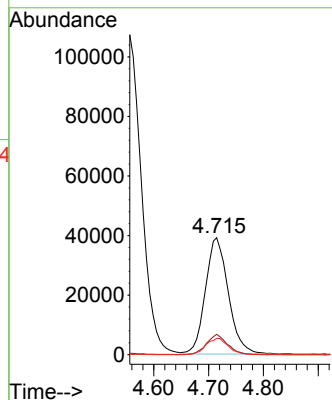
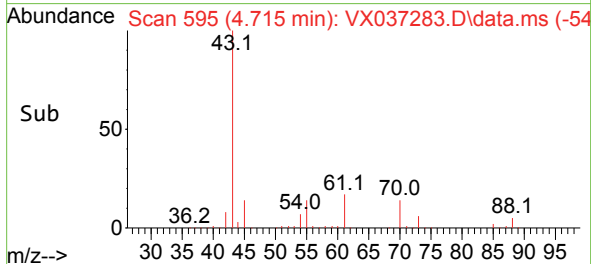
MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	43	Resp:	113446
Ion Ratio	Lower	Upper	
43	100		
61	16.2	10.6	16.0#
70	13.6	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 51.046 ug/l

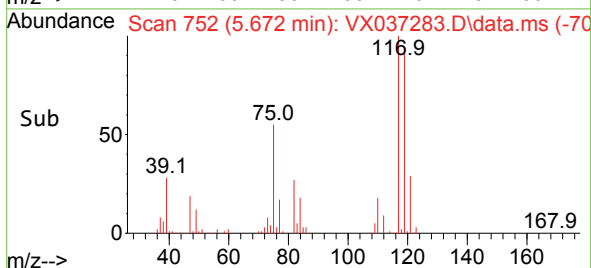
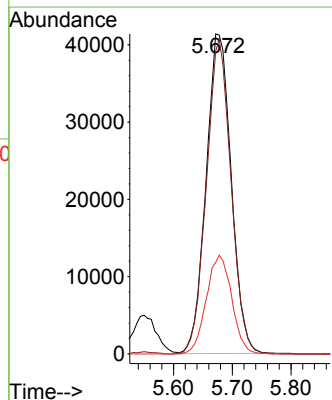
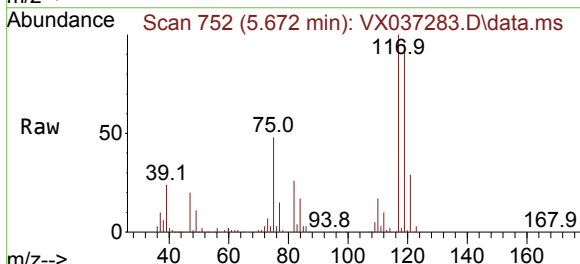
RT: 5.672 min Scan# 752

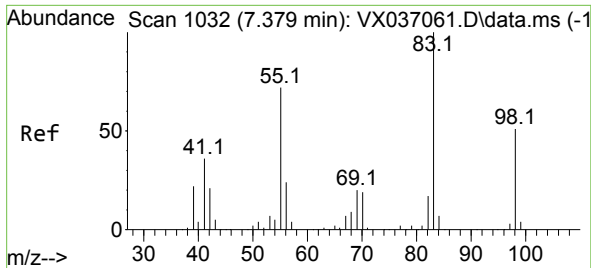
Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Tgt Ion:	117	Resp:	122948
Ion Ratio	Lower	Upper	
117	100		
119	94.8	78.2	117.2
121	28.7	24.4	36.6





#39

Methylcyclohexane

Concen: 54.709 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

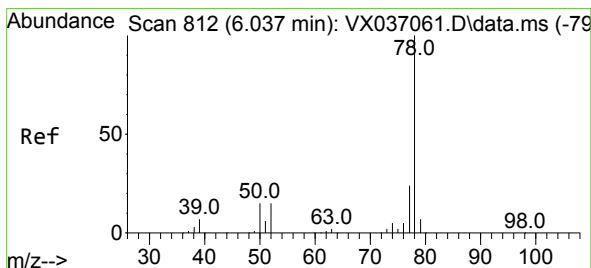
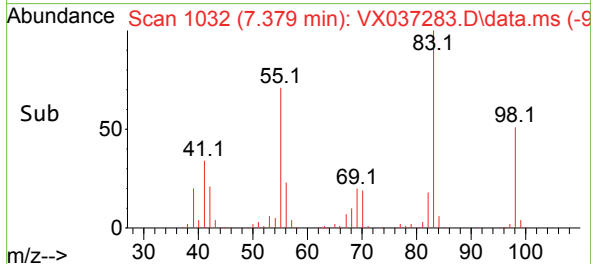
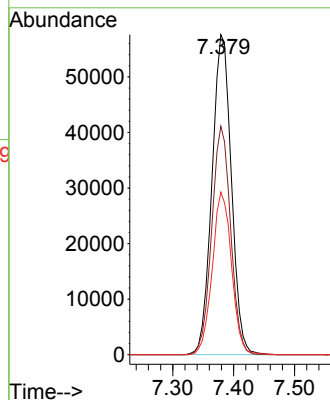
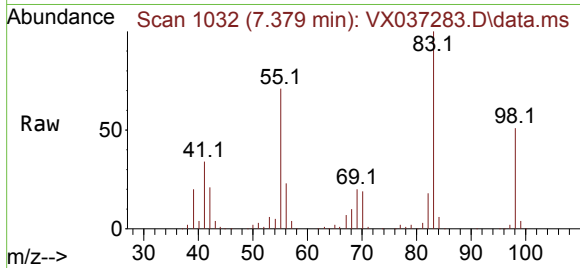
Tgt Ion: 83 Resp: 127448

Ion Ratio Lower Upper

83 100

55 71.4 64.6 97.0

98 50.8 36.7 55.1



#40

Benzene

Concen: 51.947 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037283.D

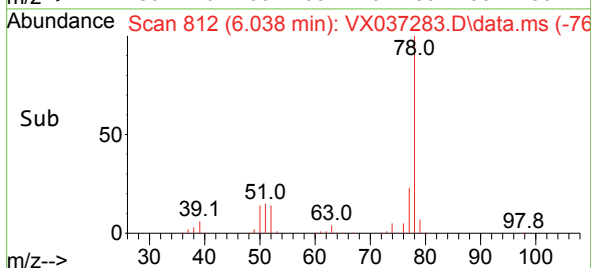
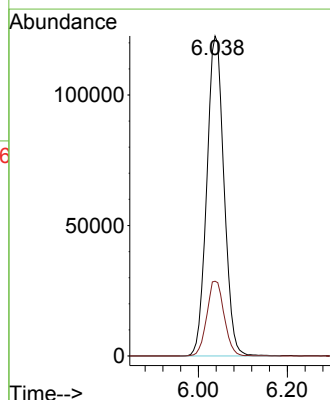
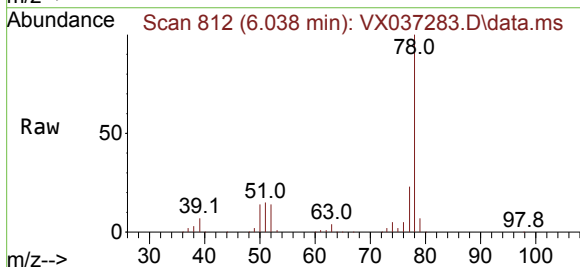
Acq: 25 Aug 2023 20:24

Tgt Ion: 78 Resp: 330340

Ion Ratio Lower Upper

78 100

77 23.3 19.3 28.9



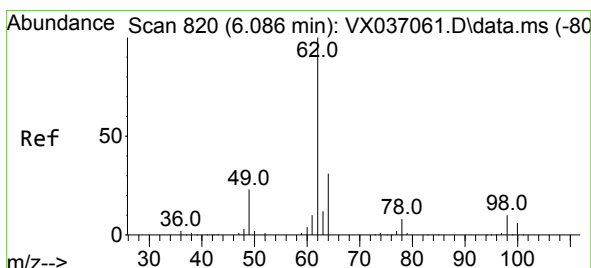
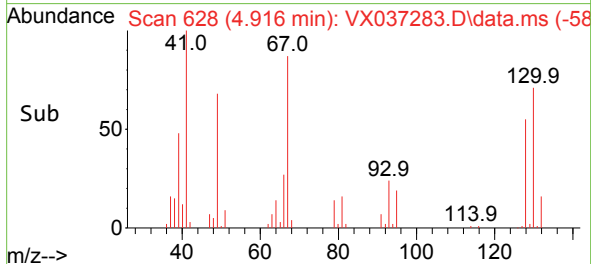
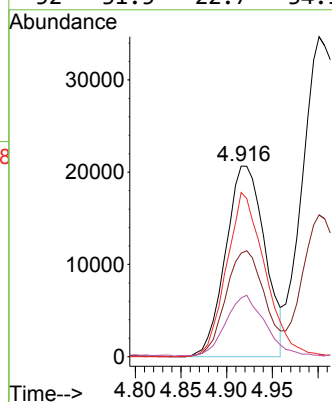
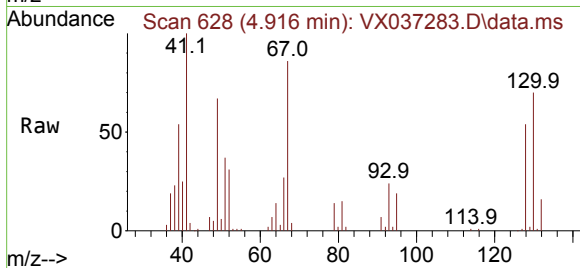


#41
Methacrylonitrile
Concen: 52.536 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 61858

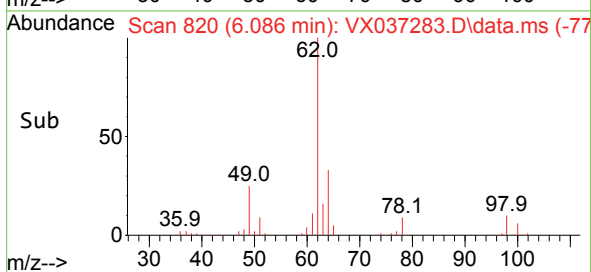
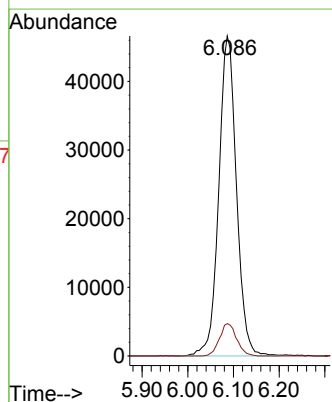
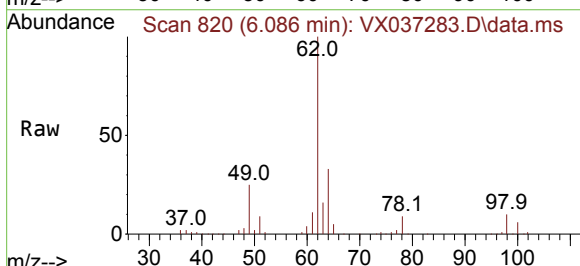
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.2	67.8
67	85.0	52.6	78.8
52	31.5	22.7	34.1

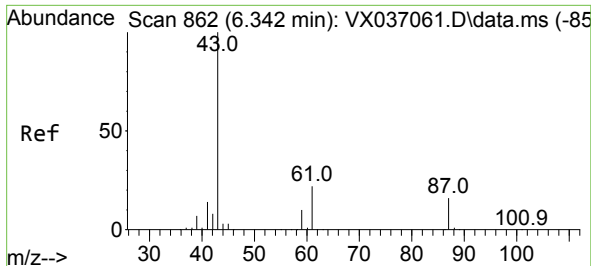


#42
1,2-Dichloroethane
Concen: 50.296 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 62 Resp: 125428

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	16.0

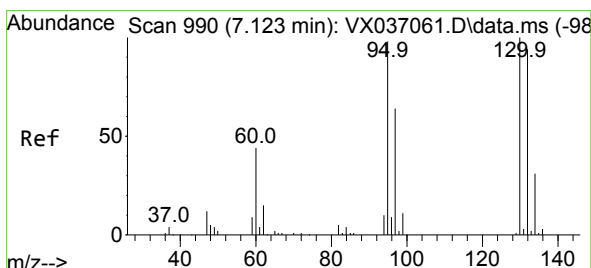
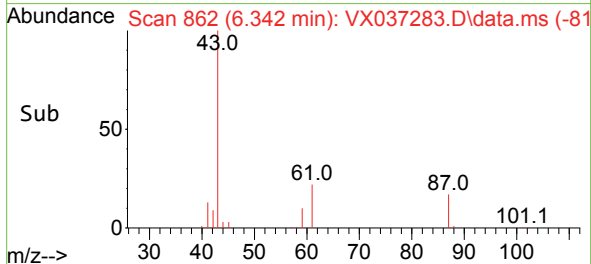
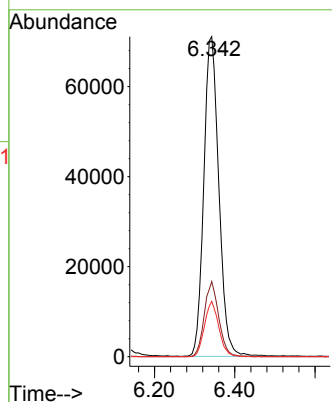
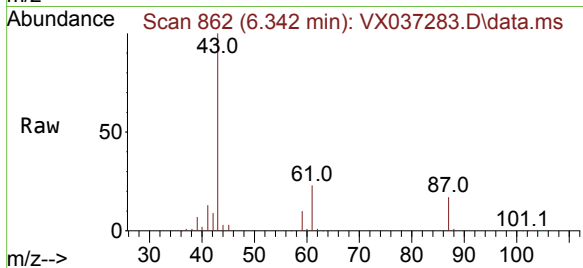




#43
Isopropyl Acetate
Concen: 51.491 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

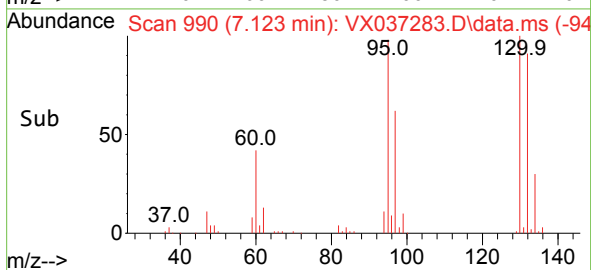
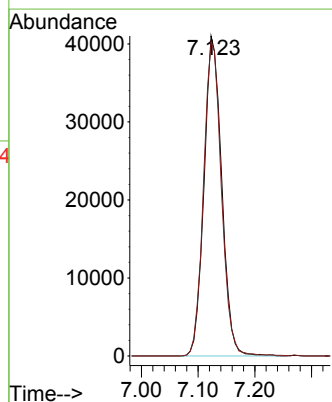
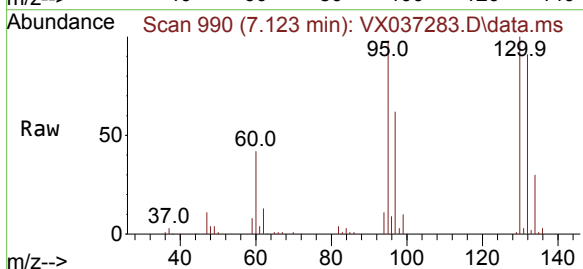
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

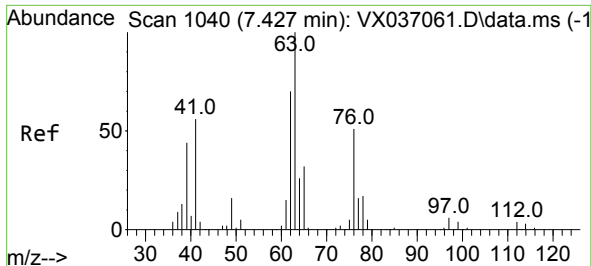
Tgt Ion: 43 Resp: 185159
Ion Ratio Lower Upper
43 100
61 22.6 15.2 22.8
87 16.4 9.8 14.6#



#44
Trichloroethene
Concen: 49.237 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion:130 Resp: 88783
Ion Ratio Lower Upper
130 100
95 98.2 0.0 204.4

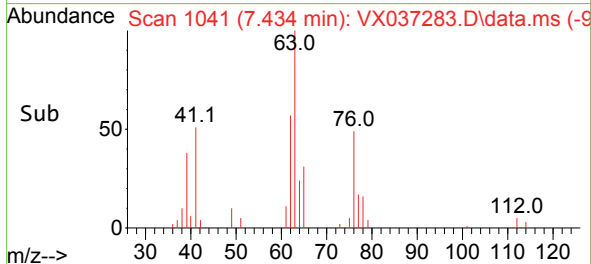
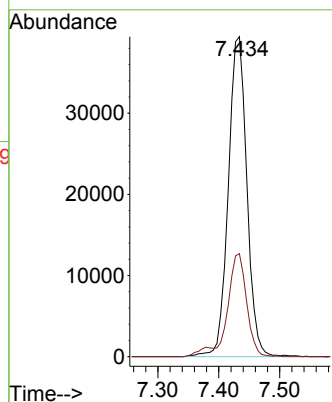
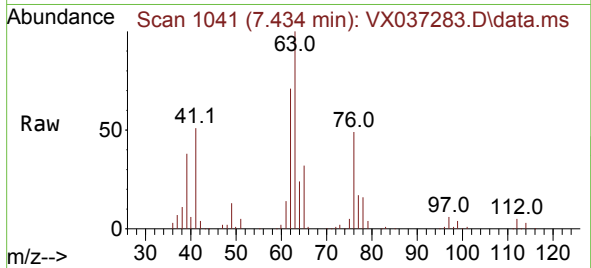




#45
1,2-Dichloropropane
Concen: 53.195 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

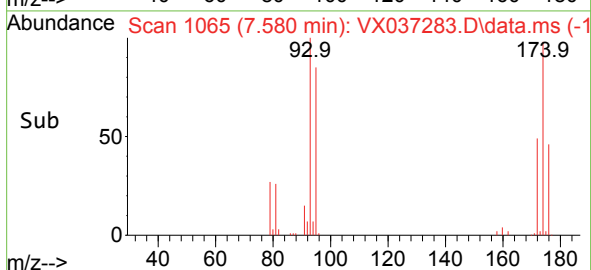
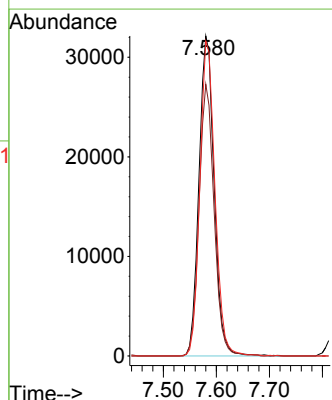
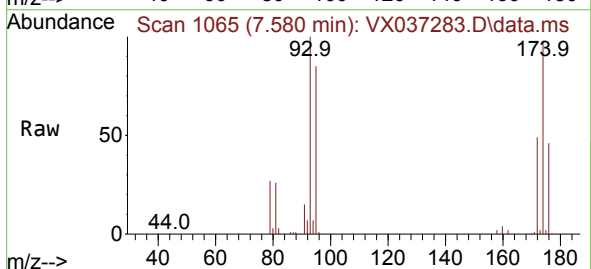
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 83409
Ion Ratio Lower Upper
63 100
65 32.2 24.3 36.5



#46
Dibromomethane
Concen: 51.714 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 93 Resp: 63878
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 97.8 69.4 104.0

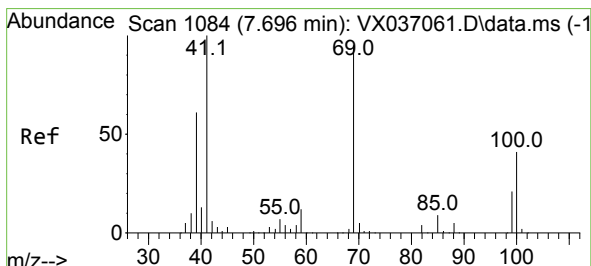
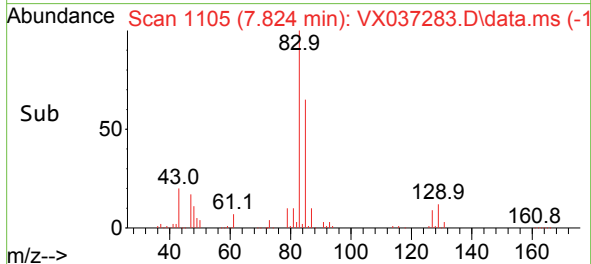
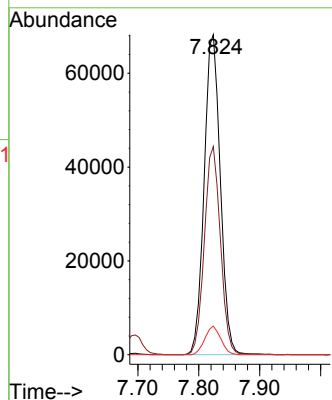
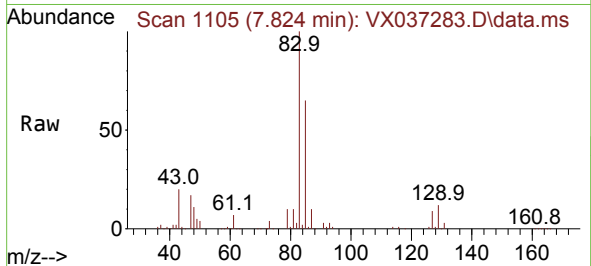




#47
Bromodichloromethane
Concen: 53.185 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

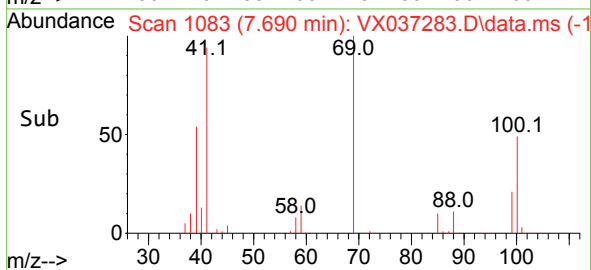
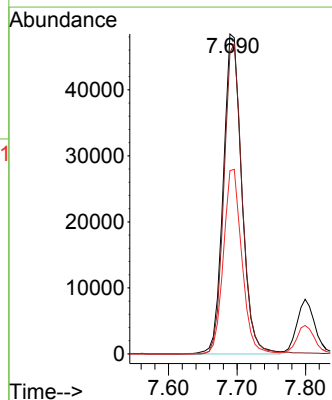
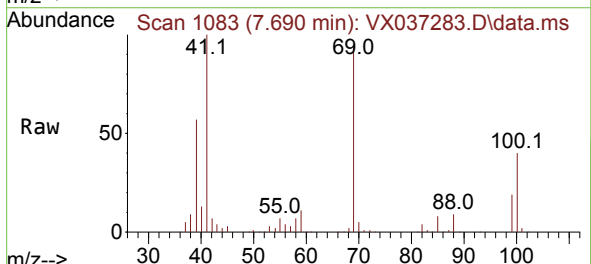
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

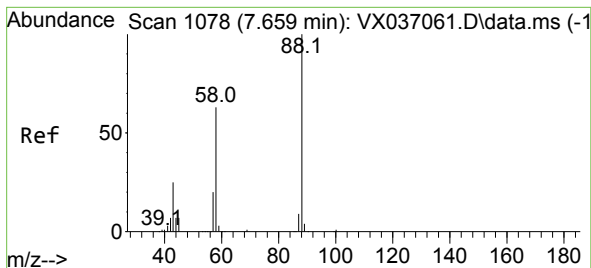
Tgt Ion: 83 Resp: 125832
Ion Ratio Lower Upper
83 100
85 65.1 49.8 74.6
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 51.664 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 41 Resp: 90601
Ion Ratio Lower Upper
41 100
69 96.2 59.2 88.8#
39 57.4 47.7 71.5





#49

1,4-Dioxane

Concen: 1142.753 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

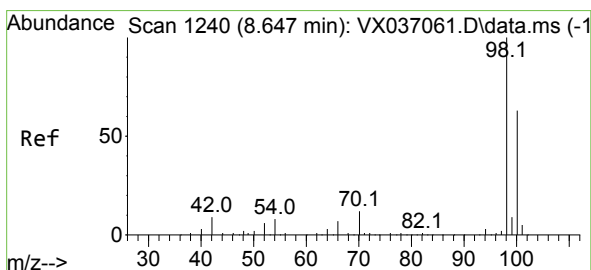
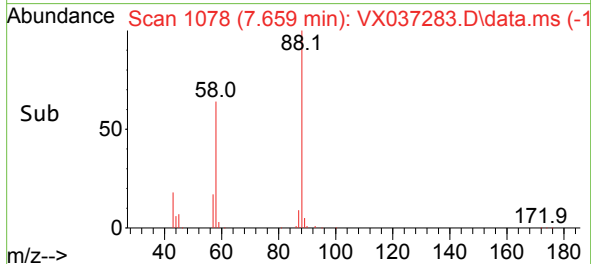
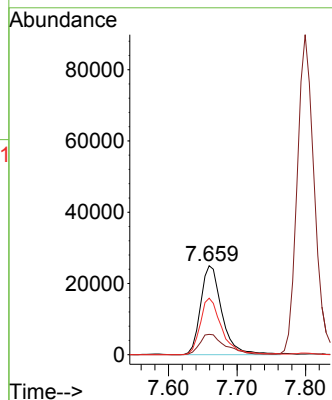
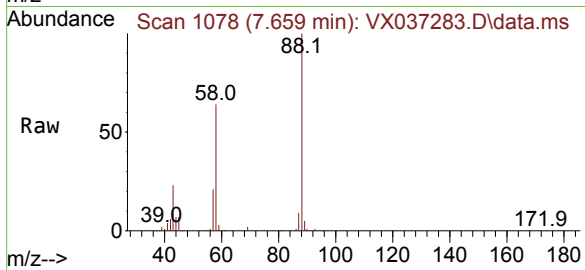
Tgt Ion: 88 Resp: 53971

Ion Ratio Lower Upper

88 100

43 27.5 0.0 0.0#

58 64.4 60.1 90.1



#50

Toluene-d8

Concen: 54.189 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037283.D

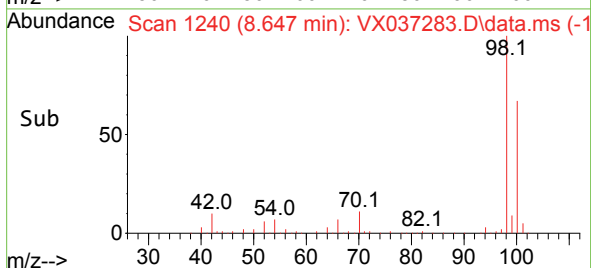
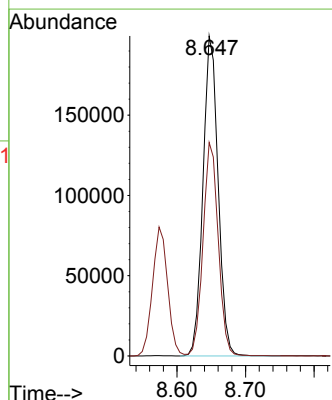
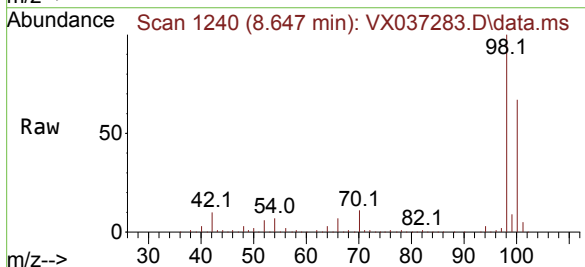
Acq: 25 Aug 2023 20:24

Tgt Ion: 98 Resp: 306769

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7

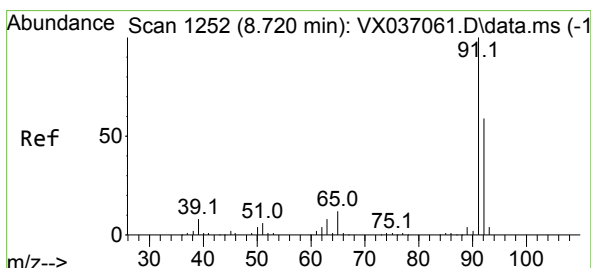
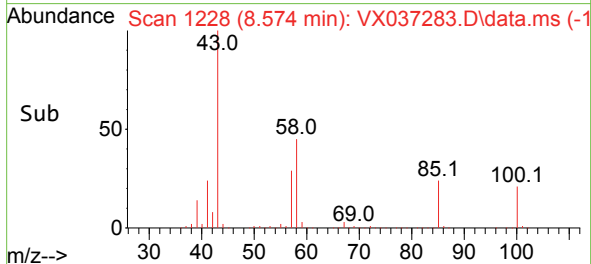
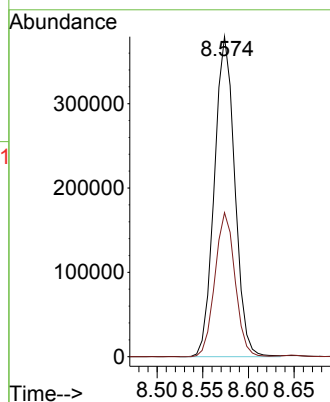
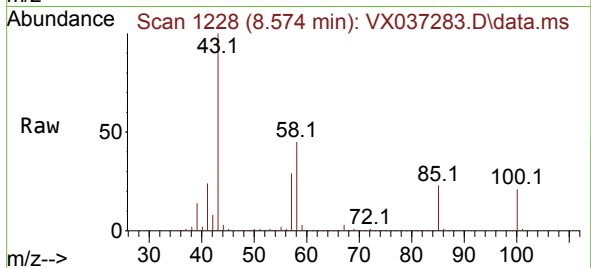




#51
4-Methyl-2-Pentanone
Concen: 270.000 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

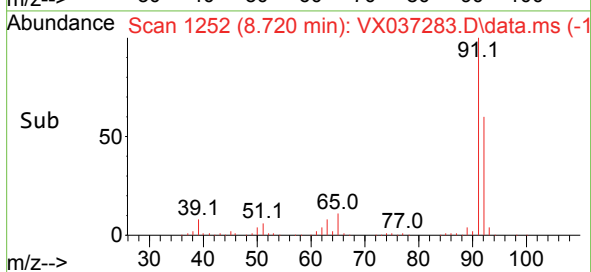
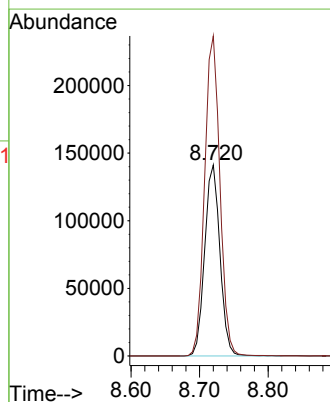
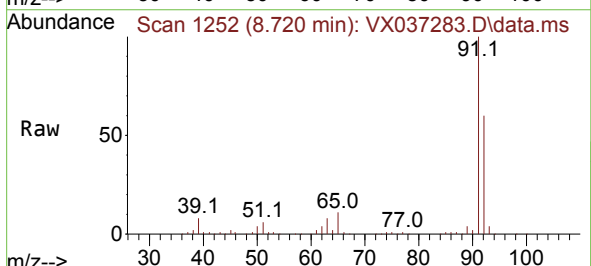
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 589555
Ion Ratio Lower Upper
43 100
58 44.4 30.4 45.6



#52
Toluene
Concen: 52.088 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 92 Resp: 218856
Ion Ratio Lower Upper
92 100
91 168.0 134.2 201.2

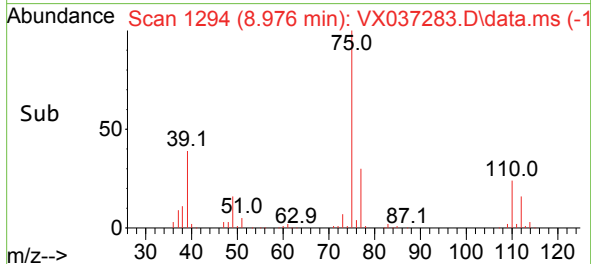
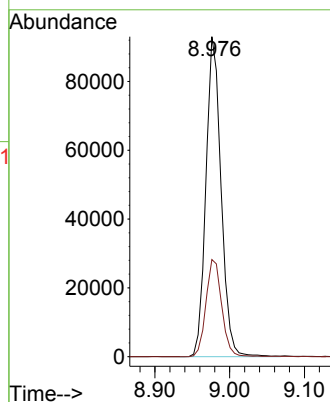
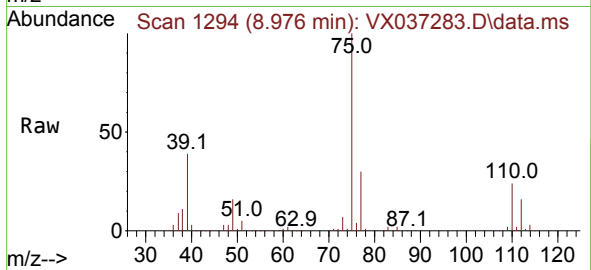




#53
 t-1,3-Dichloropropene
 Concen: 51.951 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX037283.D
 Acq: 25 Aug 2023 20:24

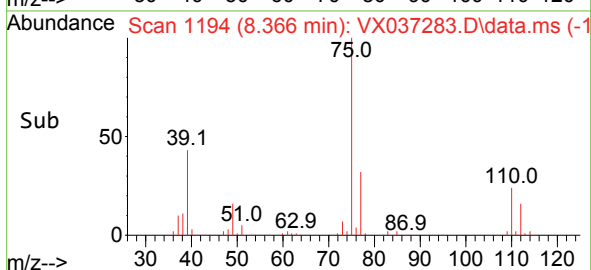
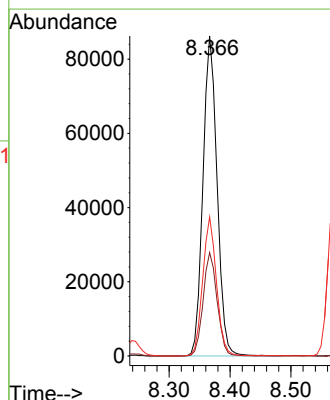
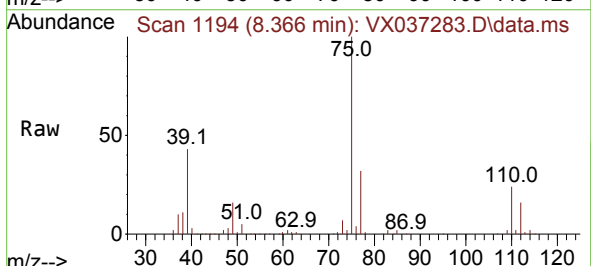
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

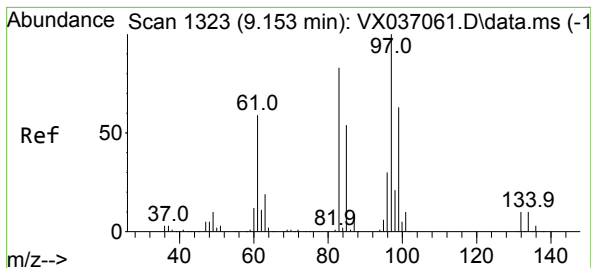
Tgt Ion: 75 Resp: 130871
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.097 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037283.D
 Acq: 25 Aug 2023 20:24

Tgt Ion: 75 Resp: 139101
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9
 39 43.4 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 55.077 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 94231

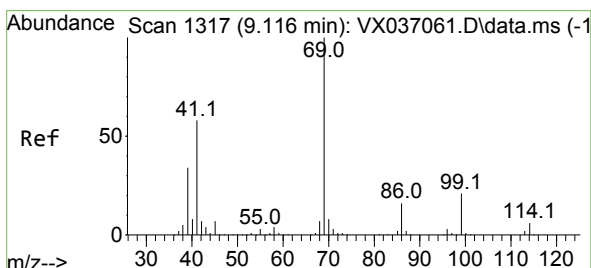
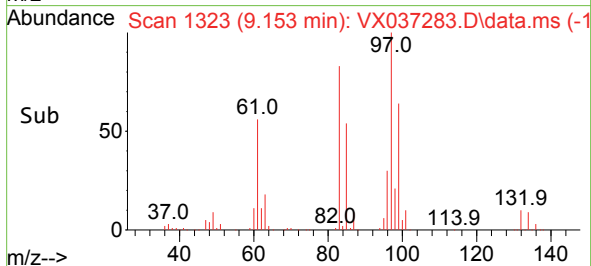
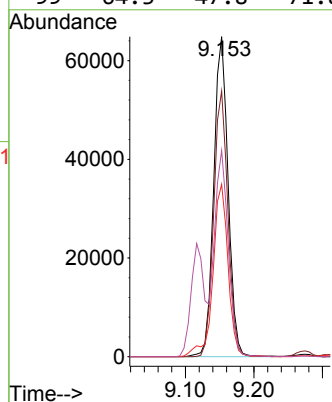
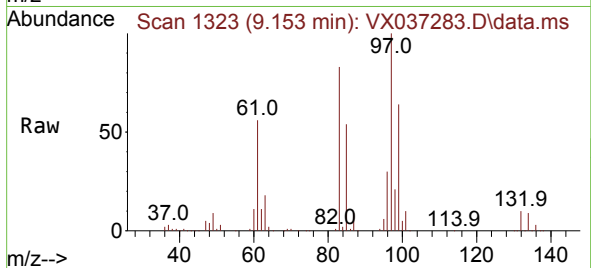
Ion Ratio Lower Upper

97 100

83 83.0 65.8 98.8

85 53.9 41.6 62.4

99 64.3 47.8 71.8



#56

Ethyl methacrylate

Concen: 54.578 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

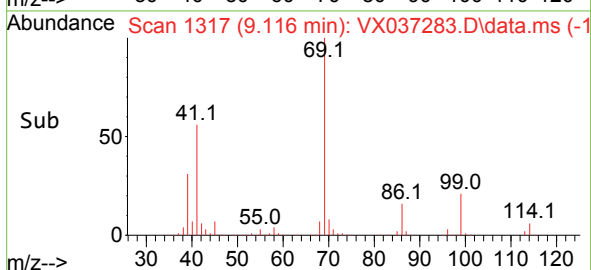
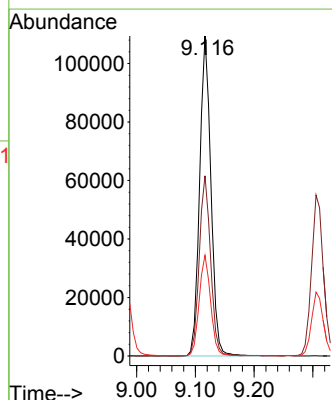
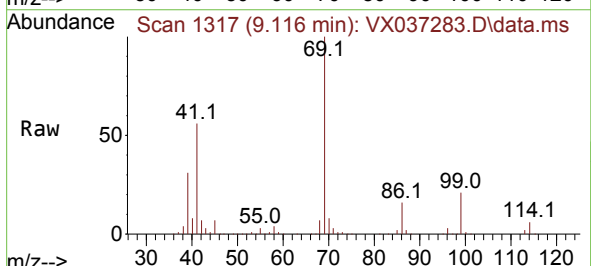
Tgt Ion: 69 Resp: 146262

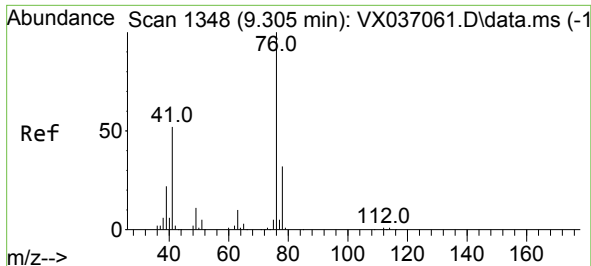
Ion Ratio Lower Upper

69 100

41 56.9 56.8 85.2

39 31.5 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 53.976 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

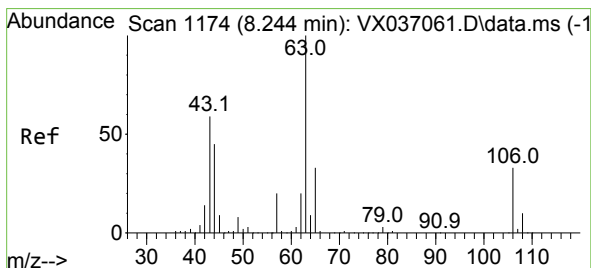
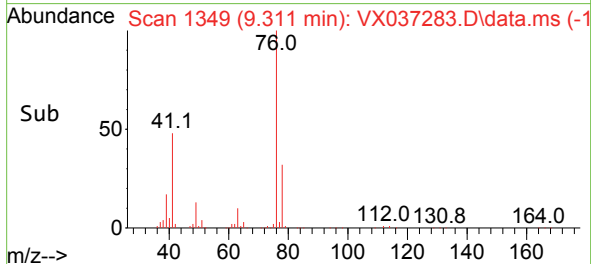
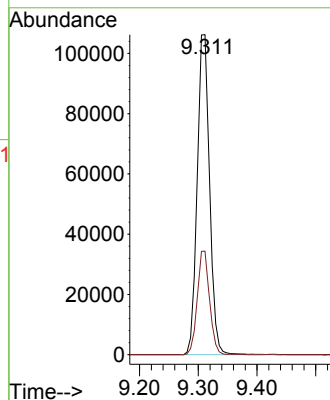
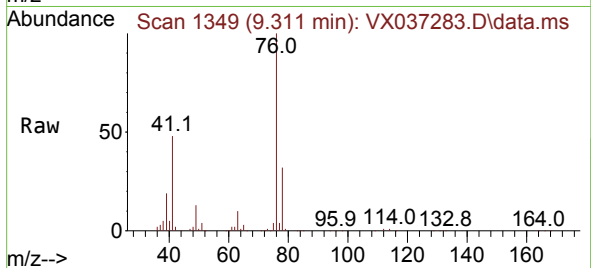
VSTDCCC050EC

Tgt Ion: 76 Resp: 155674

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 275.122 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037283.D

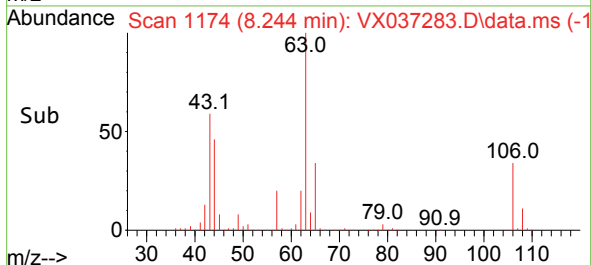
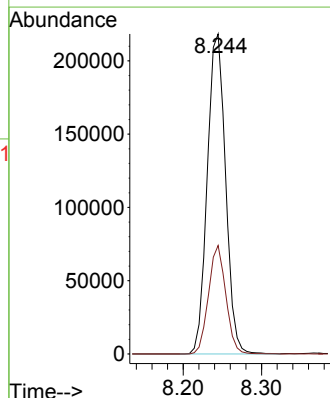
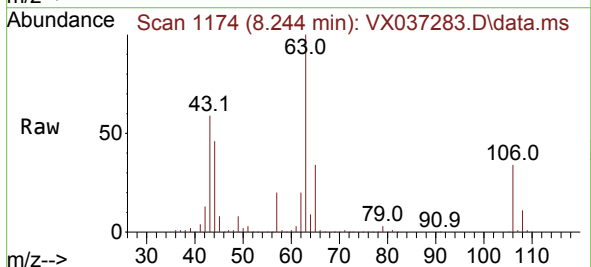
Acq: 25 Aug 2023 20:24

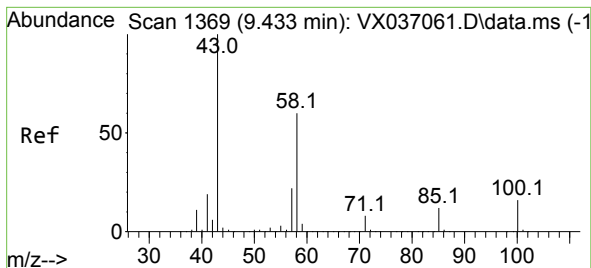
Tgt Ion: 63 Resp: 353820

Ion Ratio Lower Upper

63 100

106 32.1 22.5 33.7





#59

2-Hexanone

Concen: 275.574 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

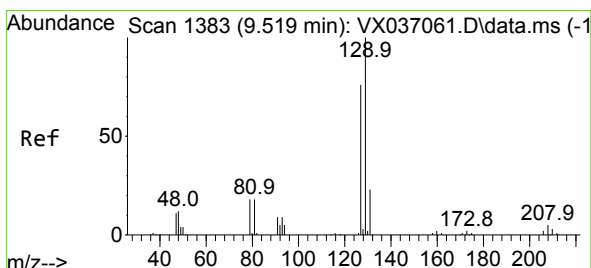
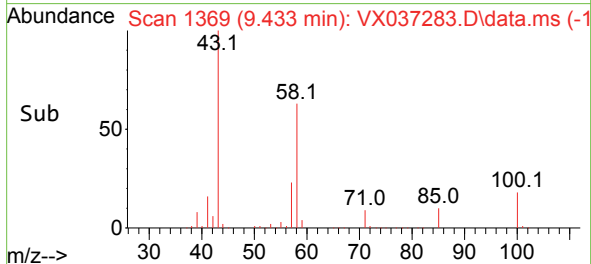
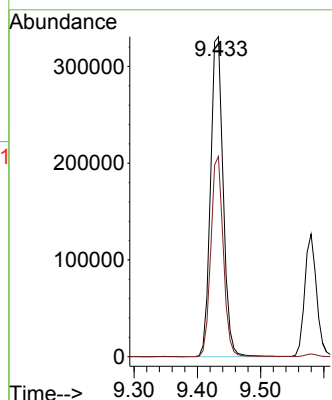
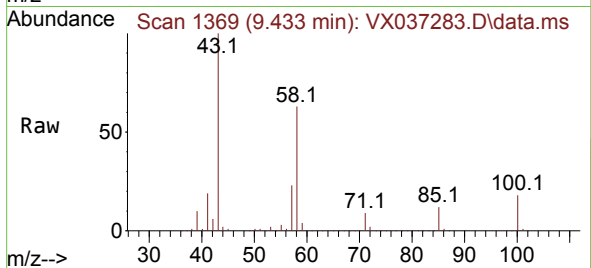
VSTDCCC050EC

Tgt Ion: 43 Resp: 458802

Ion Ratio Lower Upper

43 100

58 61.8 26.2 78.5



#60

Dibromochloromethane

Concen: 55.581 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX037283.D

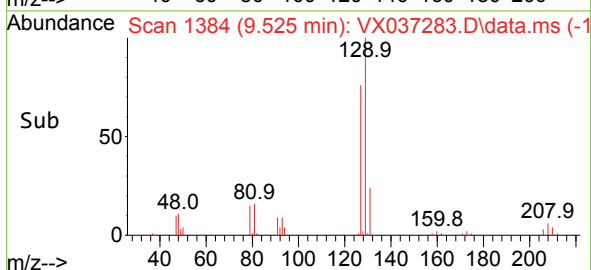
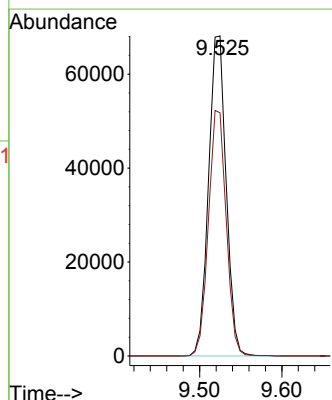
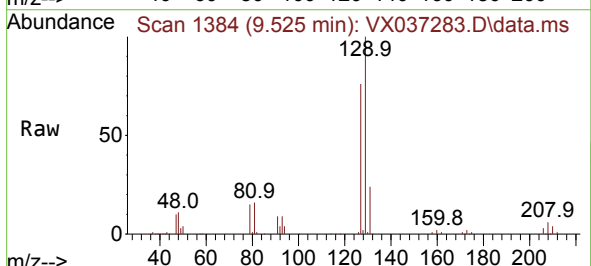
Acq: 25 Aug 2023 20:24

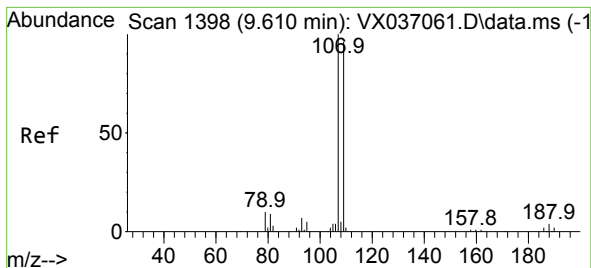
Tgt Ion: 129 Resp: 101245

Ion Ratio Lower Upper

129 100

127 77.4 38.8 116.4

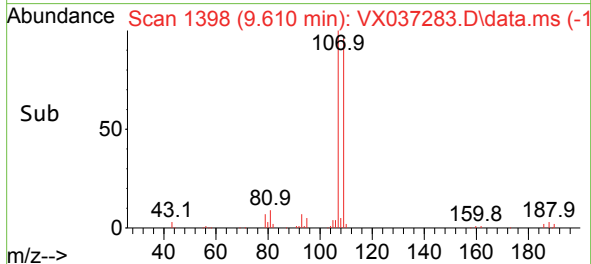
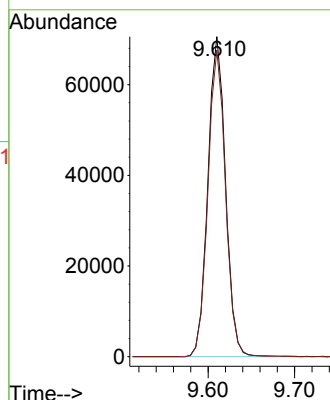
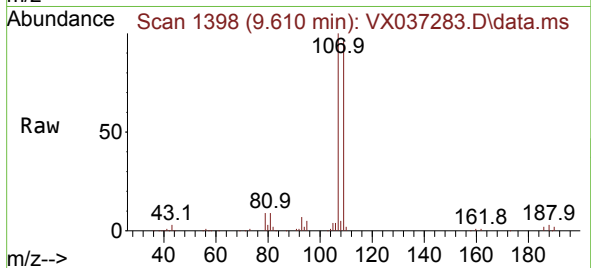




#61
1,2-Dibromoethane
Concen: 53.311 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

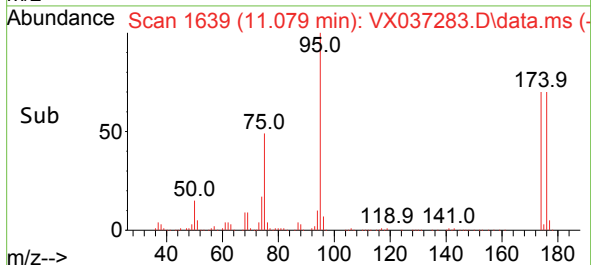
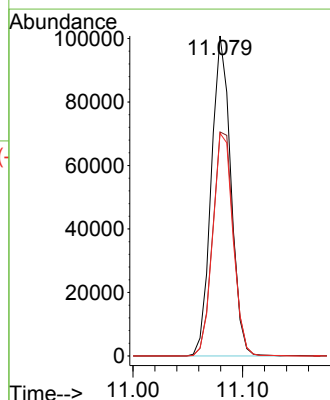
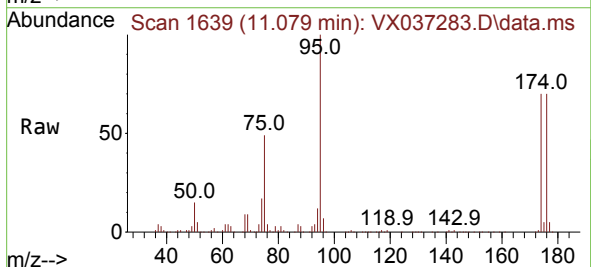
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

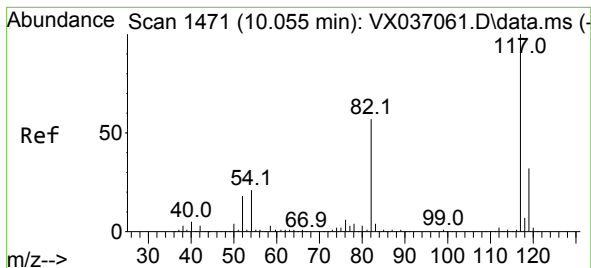
Tgt Ion:107 Resp: 99862
Ion Ratio Lower Upper
107 100
109 95.6 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 56.094 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 95 Resp: 124794
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 72.3 0.0 131.0

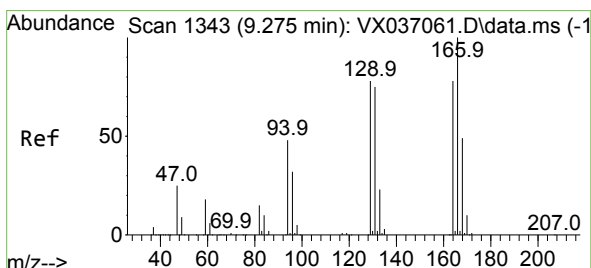
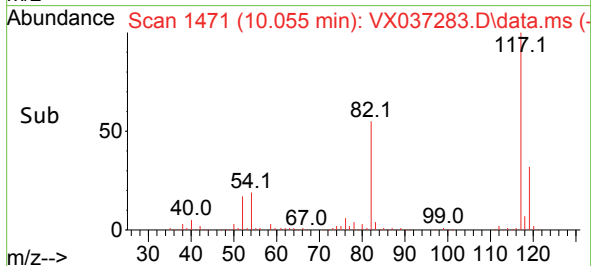
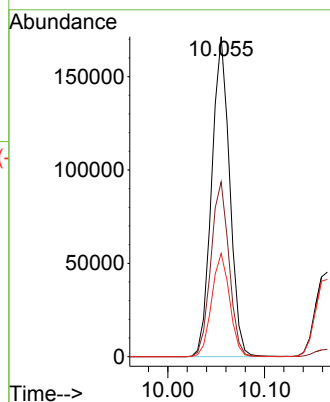
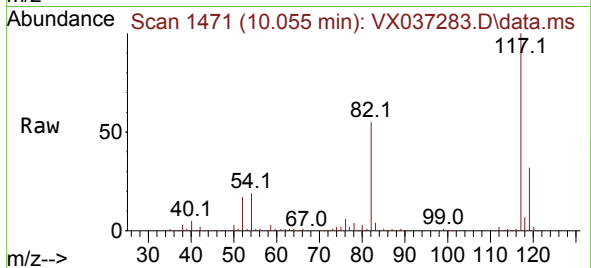




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

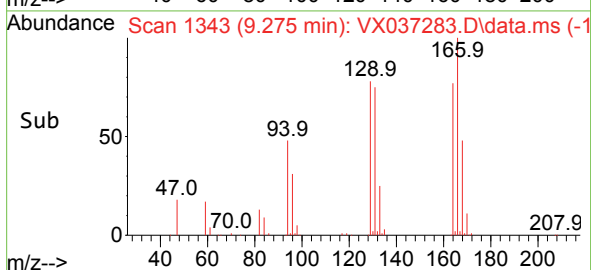
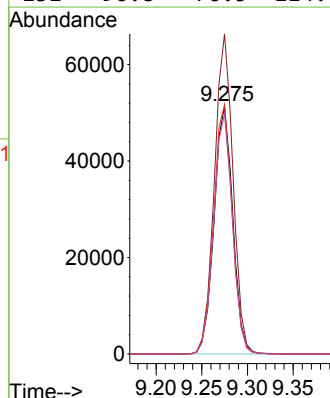
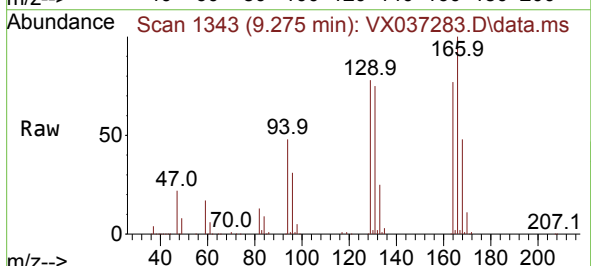
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

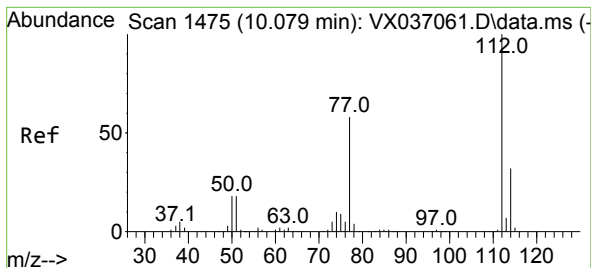
Tgt Ion:117 Resp: 221740
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 45.087 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion:164 Resp: 72934
Ion Ratio Lower Upper
164 100
166 129.1 102.7 154.1
129 100.5 80.4 120.6
131 96.8 76.5 114.7

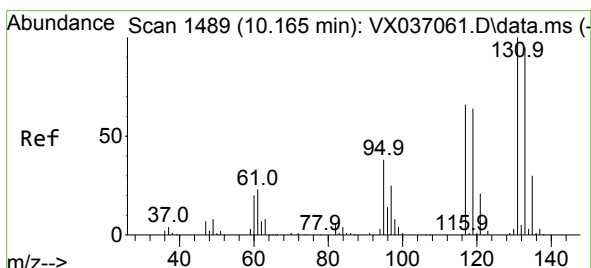
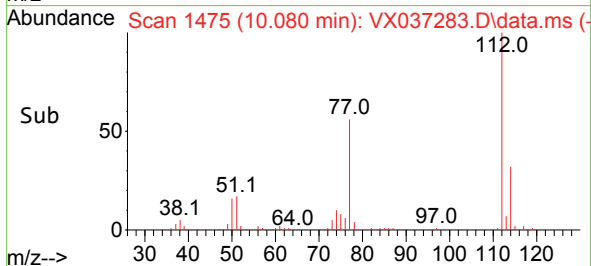
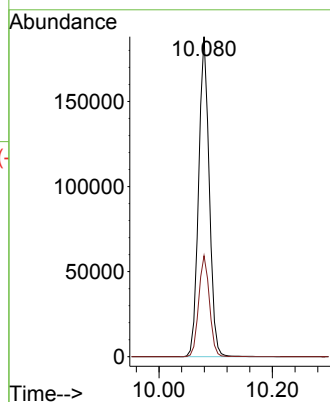
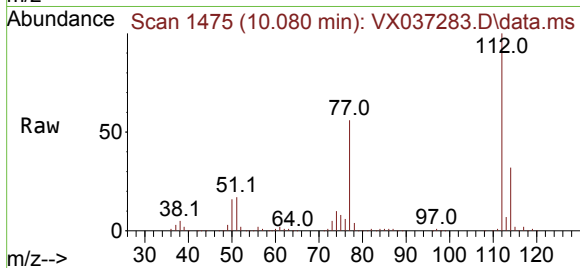




#65
Chlorobenzene
Concen: 51.880 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

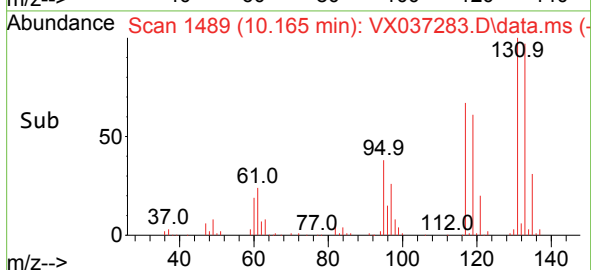
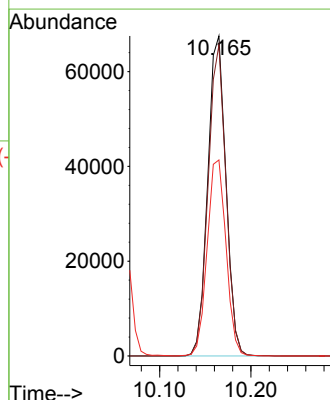
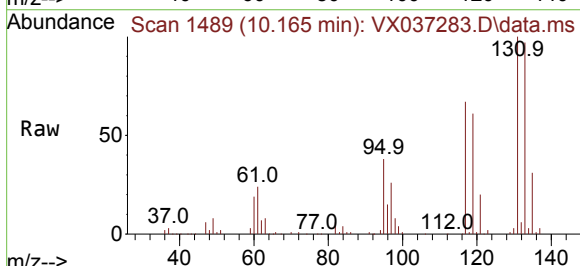
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

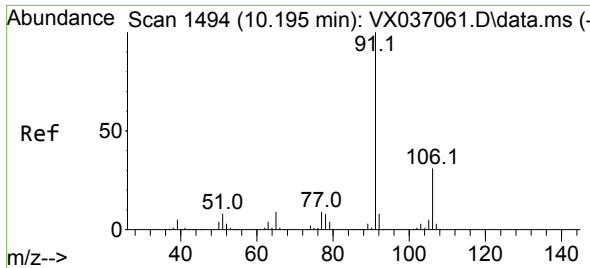
Tgt Ion:112 Resp: 243138
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.869 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion:131 Resp: 93177
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 63.6 32.2 96.6

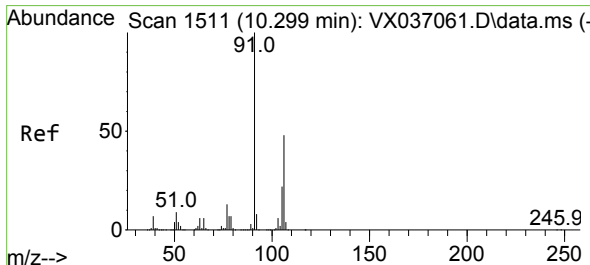
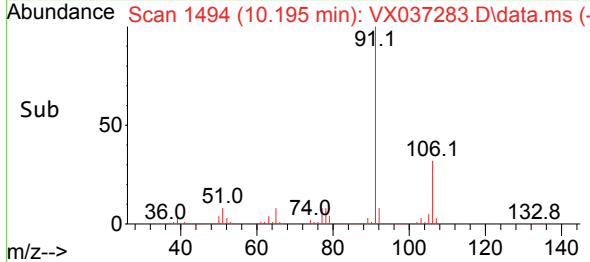
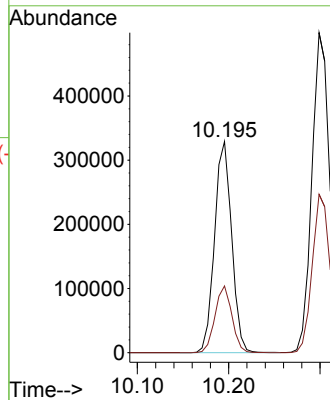
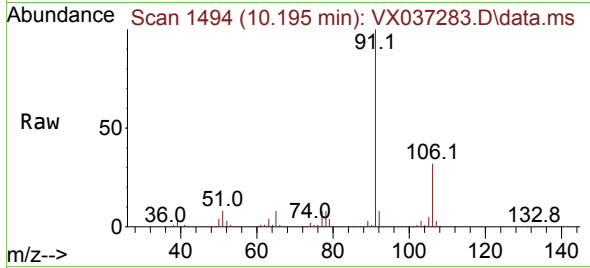




#67
Ethyl Benzene
Concen: 51.883 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

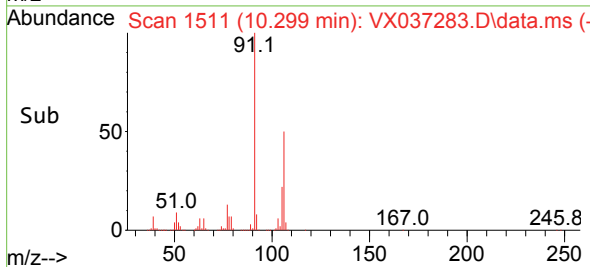
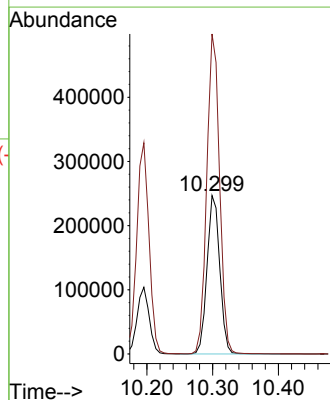
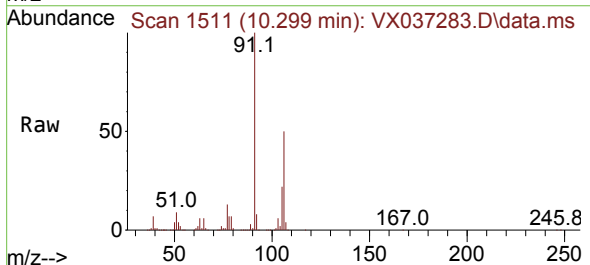
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 427855
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 104.243 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 106 Resp: 331974
Ion Ratio Lower Upper
106 100
91 202.9 165.5 248.3





#69

o-Xylene

Concen: 53.029 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

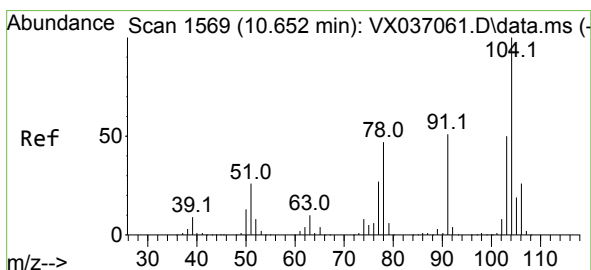
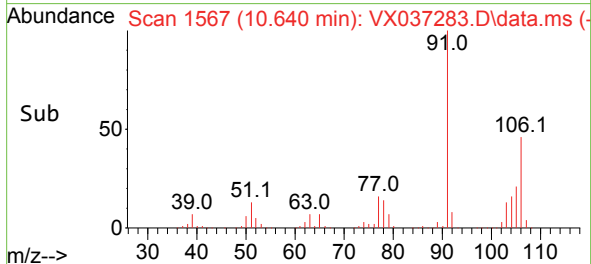
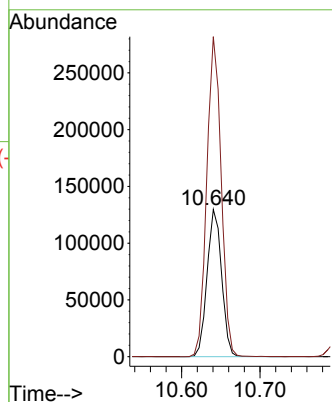
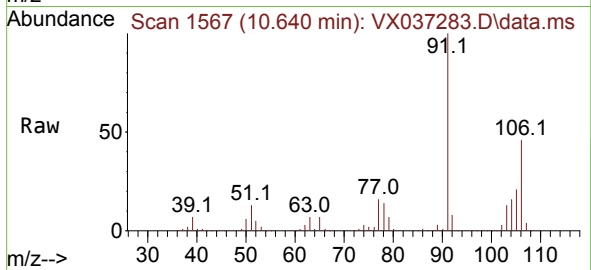
VSTDCCC050EC

Tgt Ion:106 Resp: 166615

Ion Ratio Lower Upper

106 100

91 215.8 108.9 326.8



#70

Styrene

Concen: 54.477 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.001 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

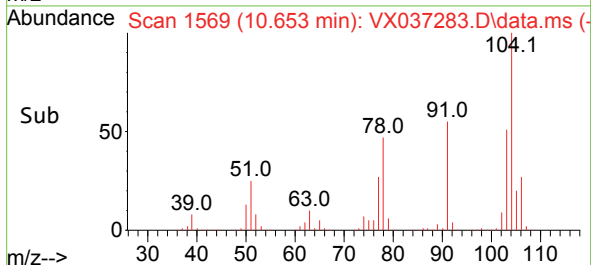
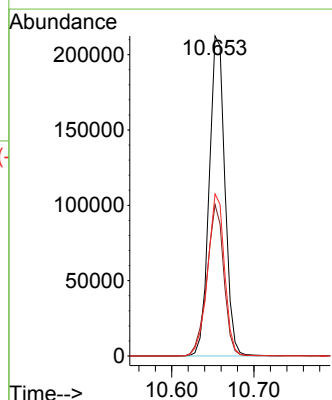
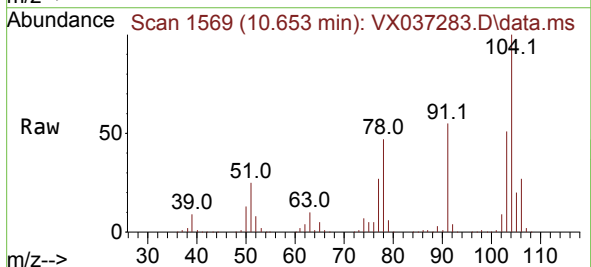
Tgt Ion:104 Resp: 281952

Ion Ratio Lower Upper

104 100

78 50.8 43.6 65.4

103 54.4 43.6 65.4





#71

Bromoform

Concen: 58.075 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

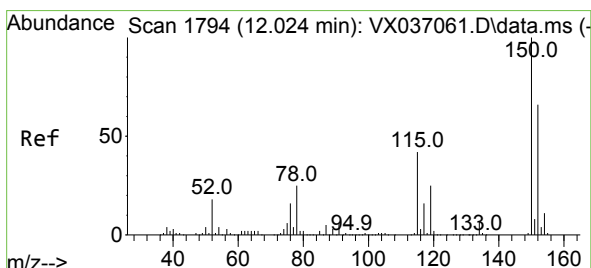
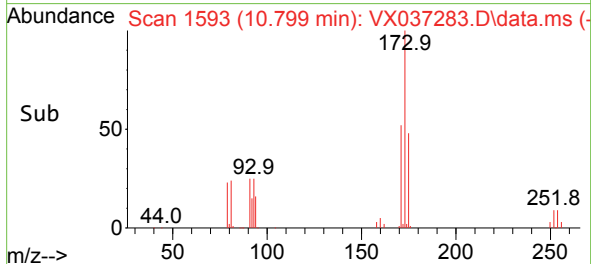
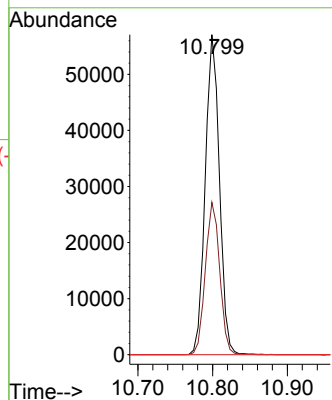
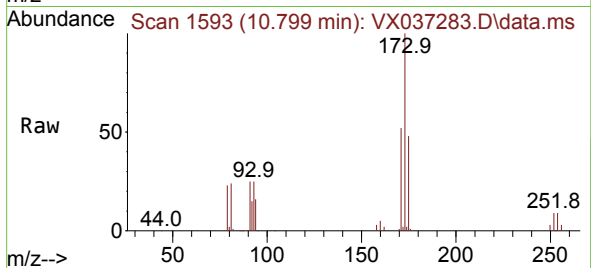
Tgt Ion:173 Resp: 75139

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

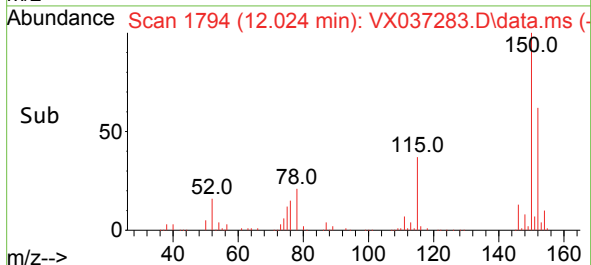
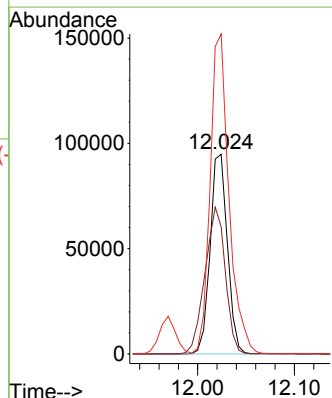
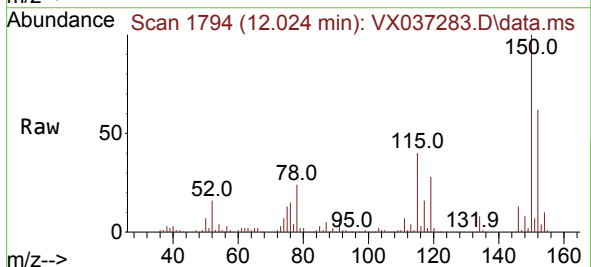
Tgt Ion:152 Resp: 117872

Ion Ratio Lower Upper

152 100

115 86.9 43.3 129.9

150 174.0 0.0 345.0

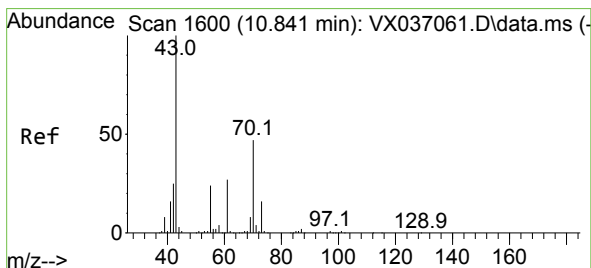
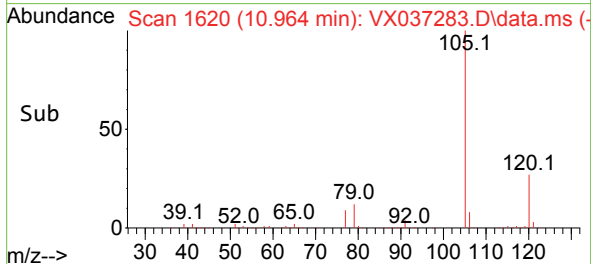
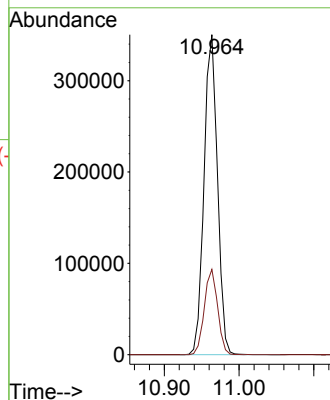
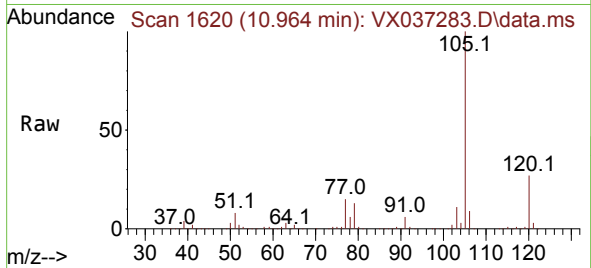




#73
Isopropylbenzene
Concen: 50.932 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

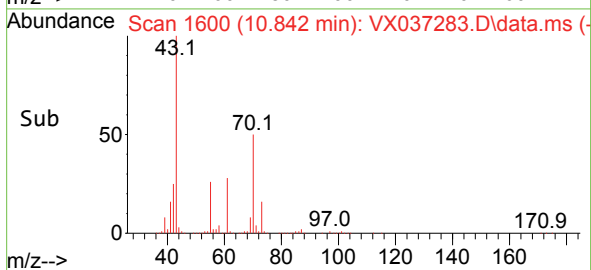
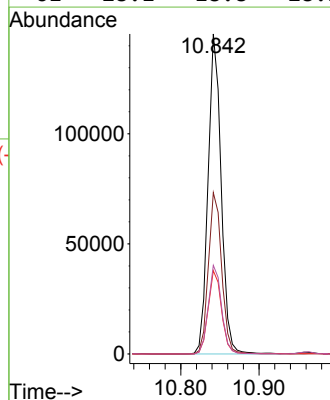
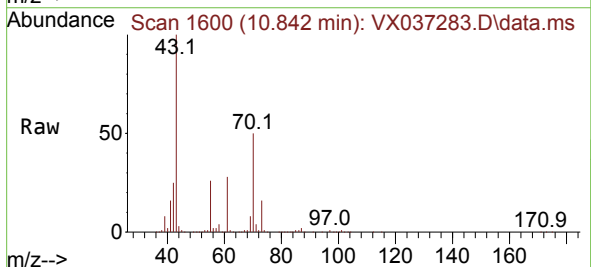
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 436362
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6



#74
N-ethyl acetate
Concen: 50.601 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 43 Resp: 168452
Ion Ratio Lower Upper
43 100
70 51.2 32.9 49.3#
55 26.6 19.3 28.9
61 28.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.830 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

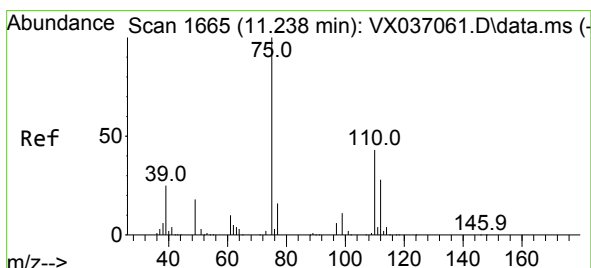
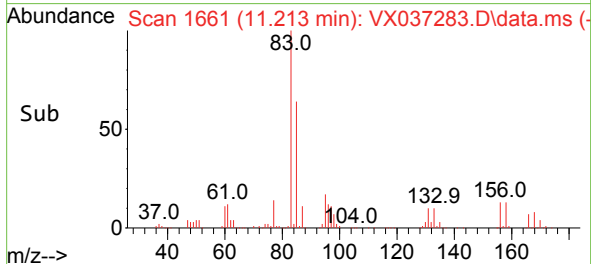
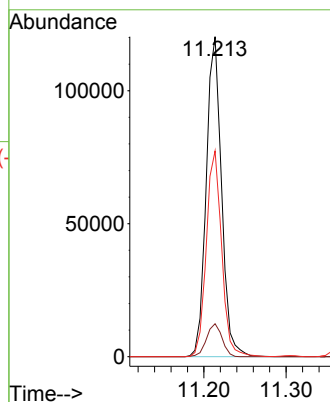
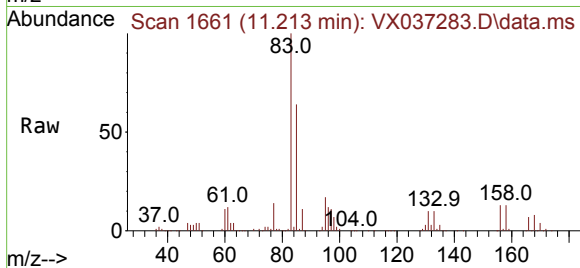
Tgt Ion: 83 Resp: 155317

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

85 64.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 67.730 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX037283.D

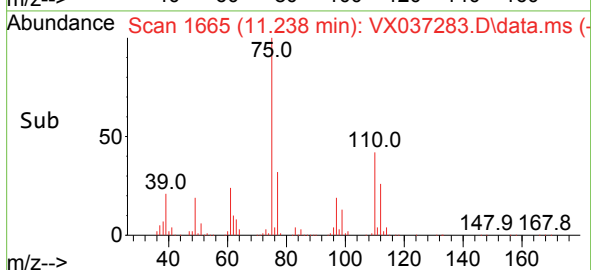
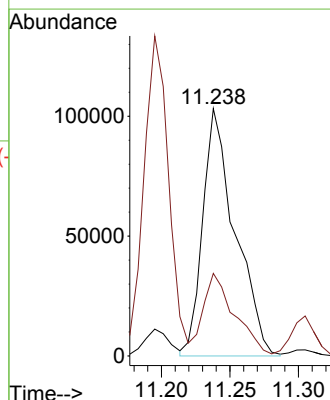
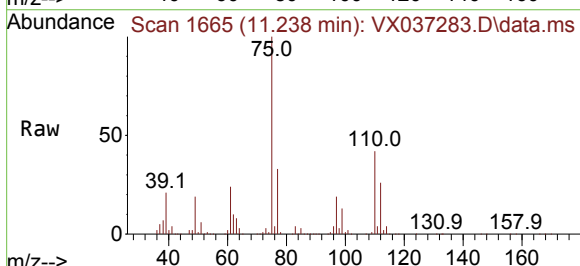
Acq: 25 Aug 2023 20:24

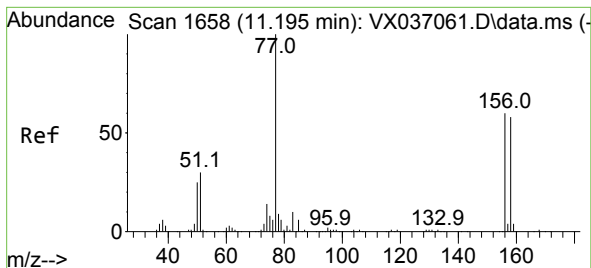
Tgt Ion: 75 Resp: 170021

Ion Ratio Lower Upper

75 100

77 32.6 19.1 57.5





#77

Bromobenzene

Concen: 51.102 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

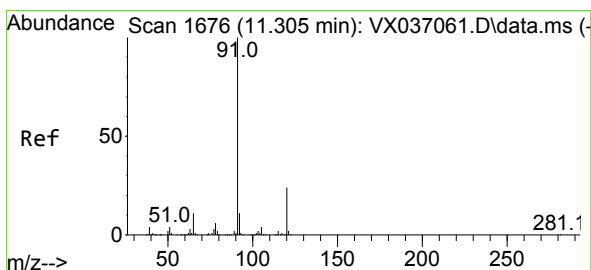
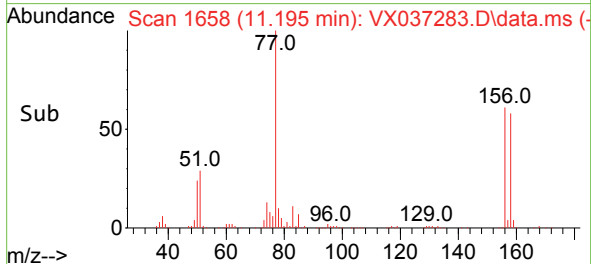
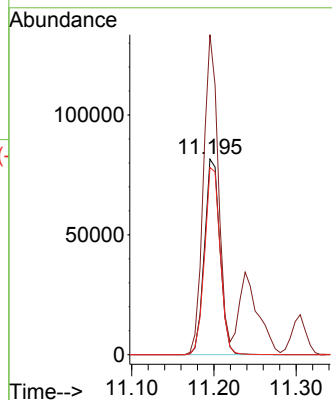
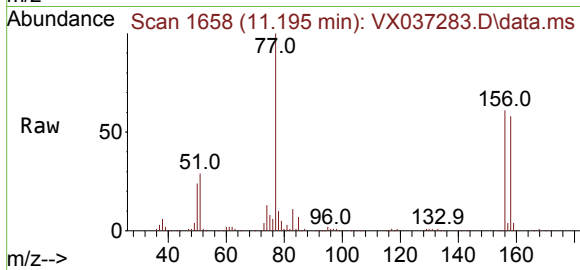
Tgt Ion:156 Resp: 106927

Ion Ratio Lower Upper

156 100

77 157.6 88.4 265.3

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 51.878 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037283.D

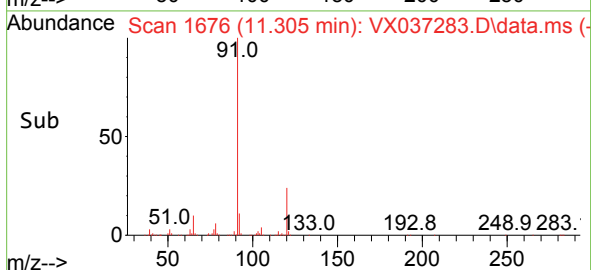
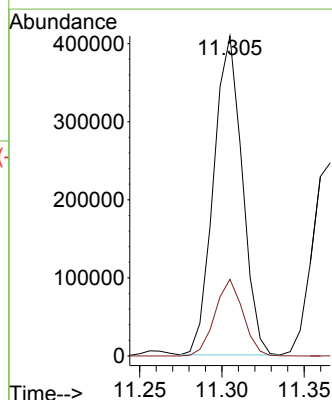
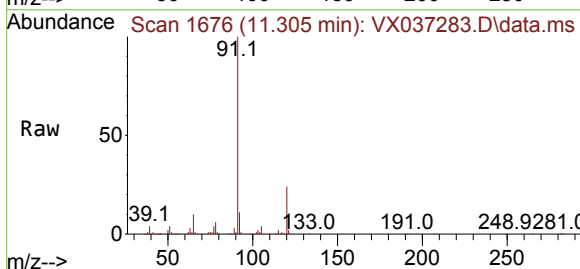
Acq: 25 Aug 2023 20:24

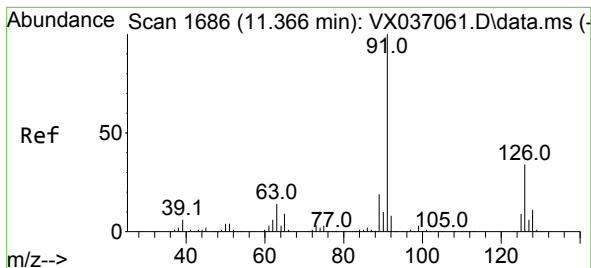
Tgt Ion: 91 Resp: 494919

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.760 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

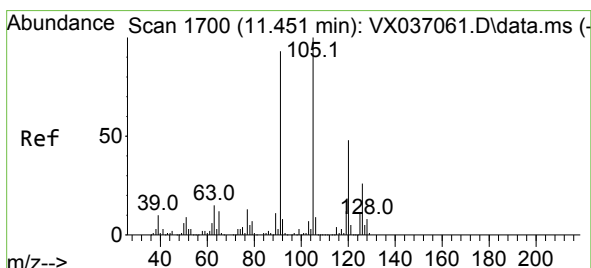
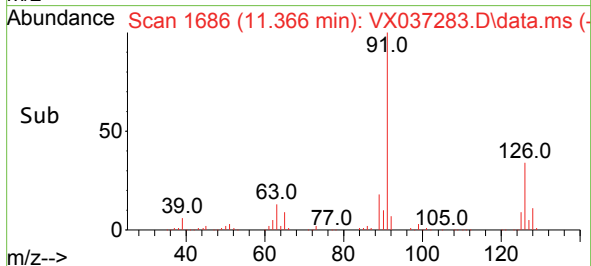
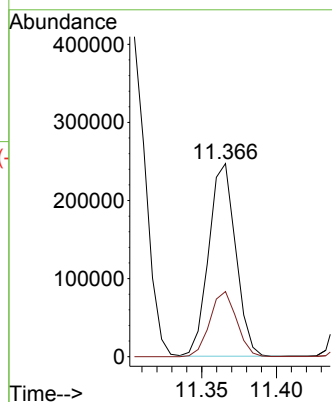
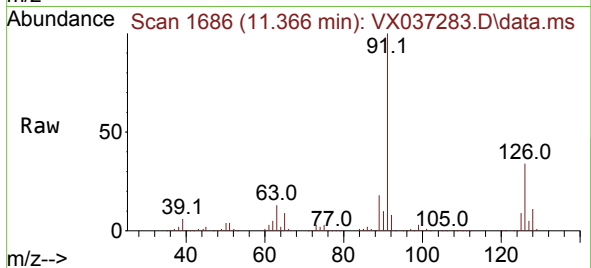
VSTDCCC050EC

Tgt Ion: 91 Resp: 309458

Ion Ratio Lower Upper

91 100

126 33.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.799 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037283.D

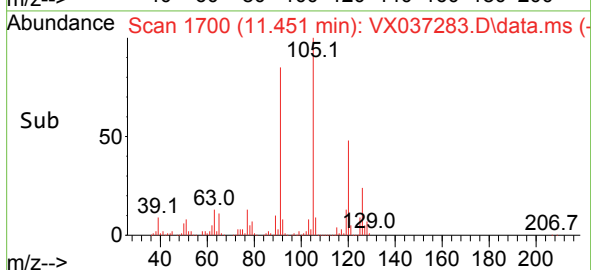
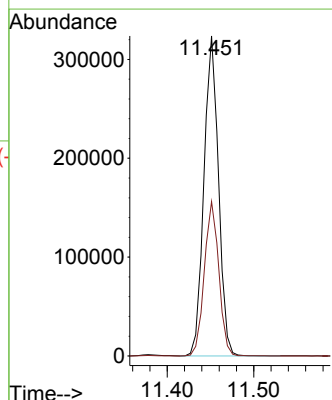
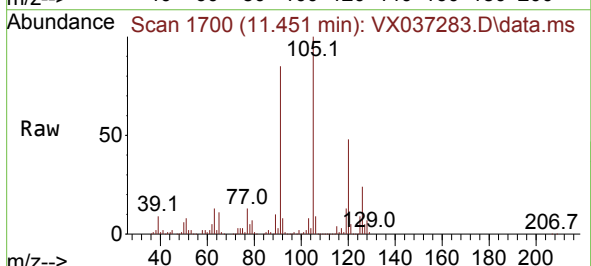
Acq: 25 Aug 2023 20:24

Tgt Ion: 105 Resp: 377345

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3

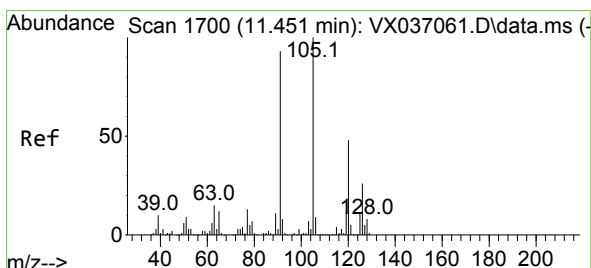
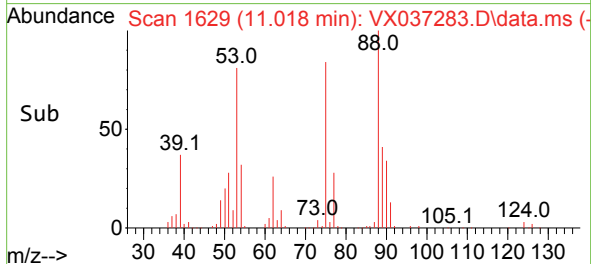
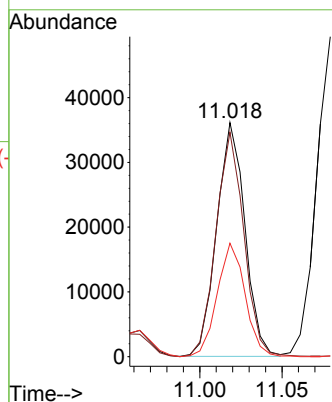
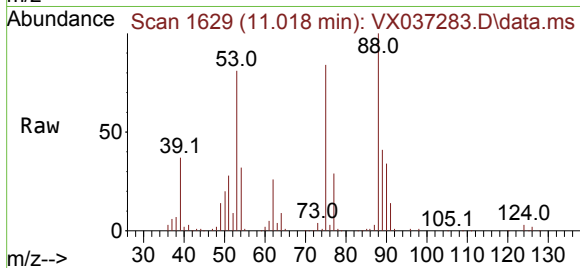




#81
trans-1,4-Dichloro-2-butene
Concen: 47.889 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

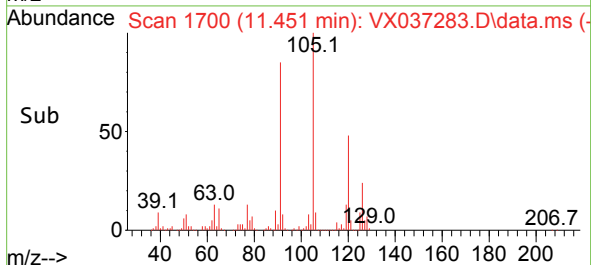
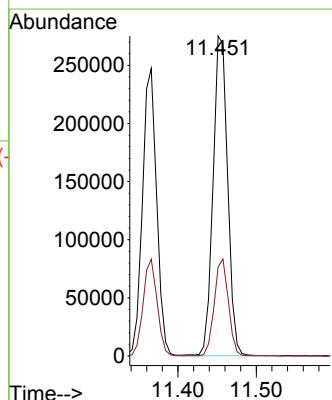
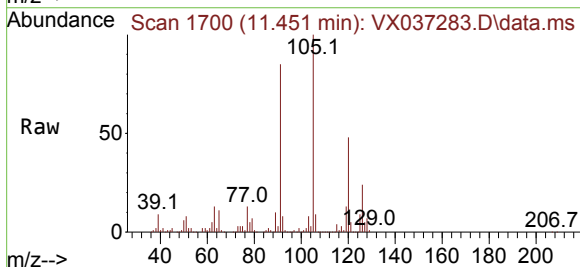
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

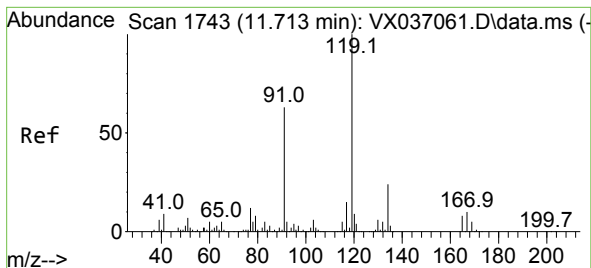
Tgt Ion: 75 Resp: 43041
Ion Ratio Lower Upper
75 100
53 95.1 90.5 135.7
89 48.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.518 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion: 91 Resp: 355518
Ion Ratio Lower Upper
91 100
126 29.5 14.2 42.6

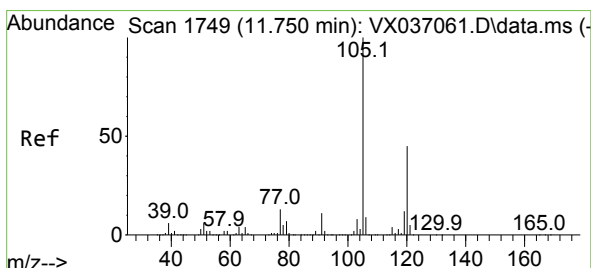
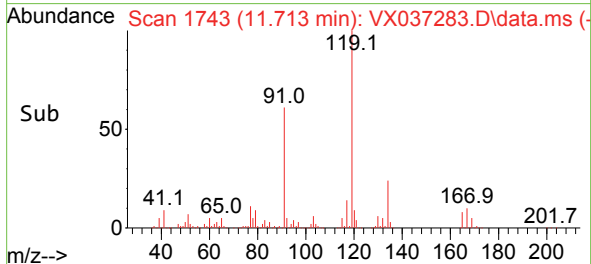
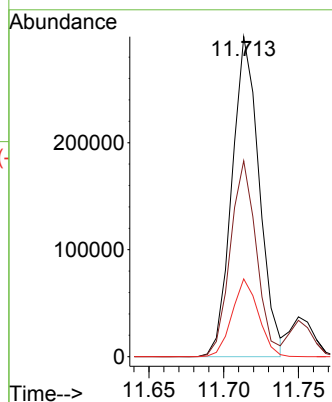
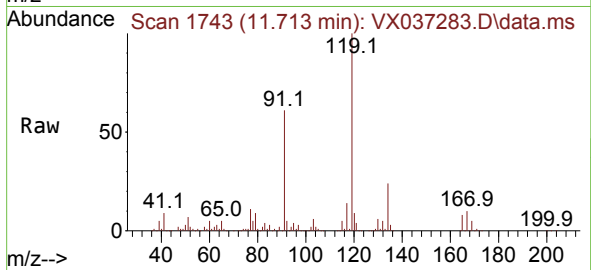




#83
tert-Butylbenzene
Concen: 55.803 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

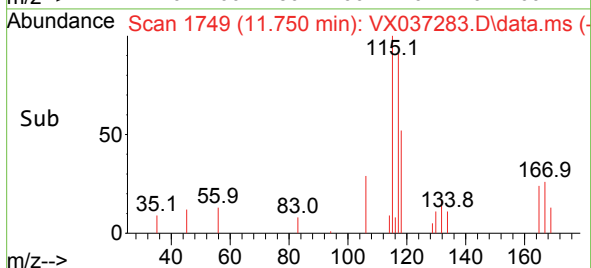
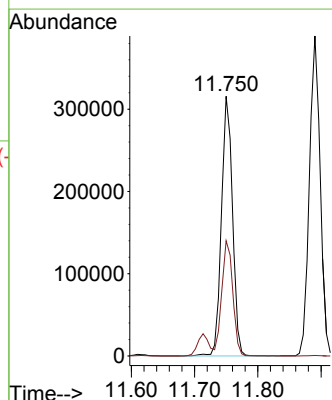
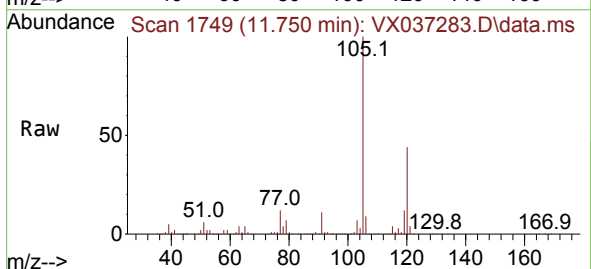
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

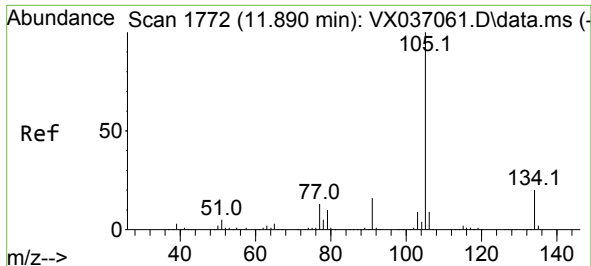
Tgt Ion:119 Resp: 380347
Ion Ratio Lower Upper
119 100
91 58.7 31.2 93.6
134 23.4 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 52.736 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion:105 Resp: 380908
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6

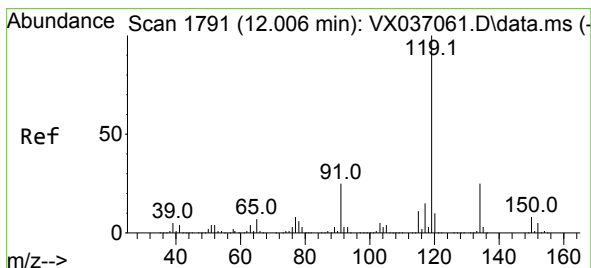
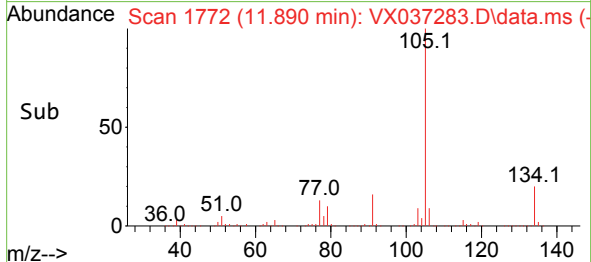
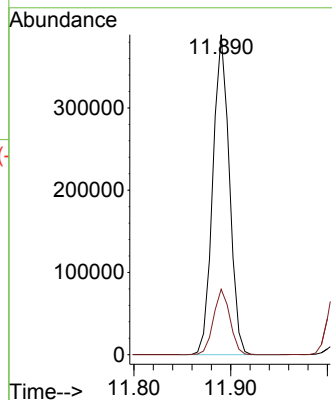
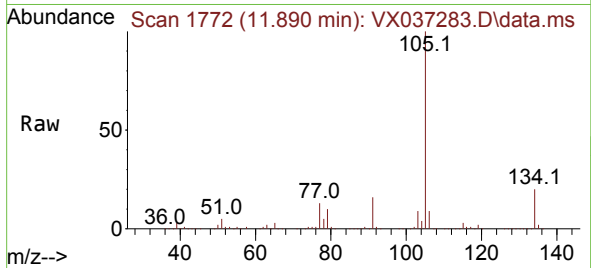




#85
sec-Butylbenzene
Concen: 57.958 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

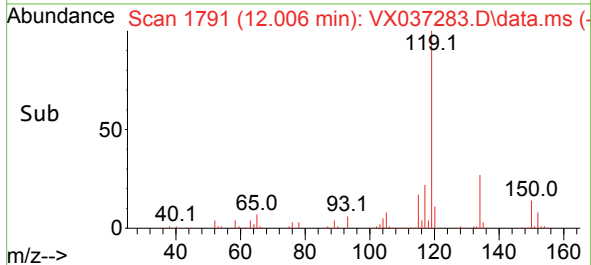
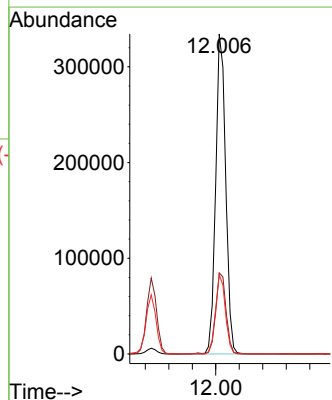
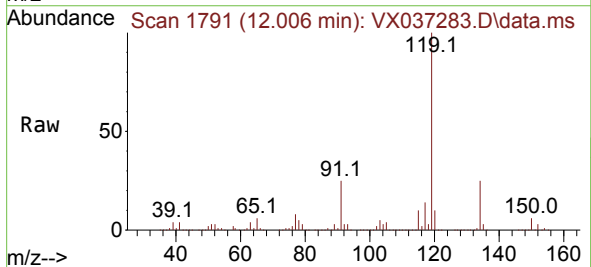
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 461416
Ion Ratio Lower Upper
105 100
134 20.4 9.8 29.4



#86
p-Isopropyltoluene
Concen: 57.683 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion:119 Resp: 395330
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 24.4 13.1 39.3

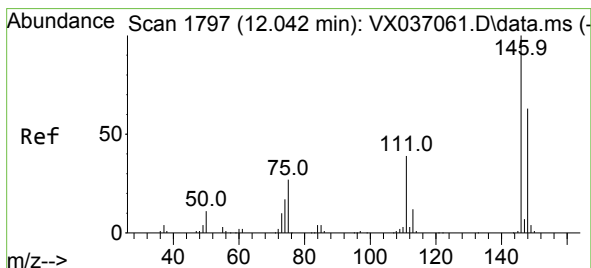
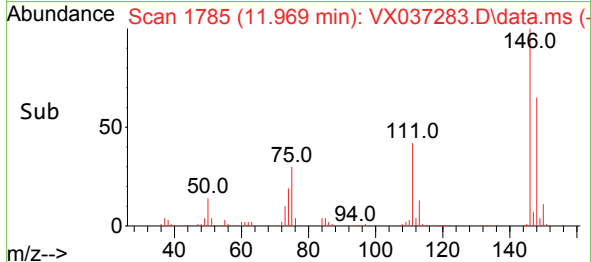
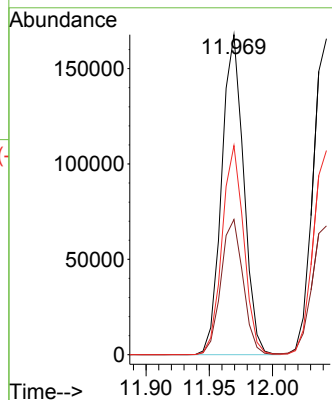
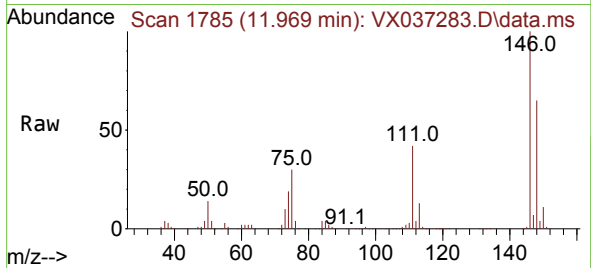




#87
1,3-Dichlorobenzene
Concen: 51.716 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

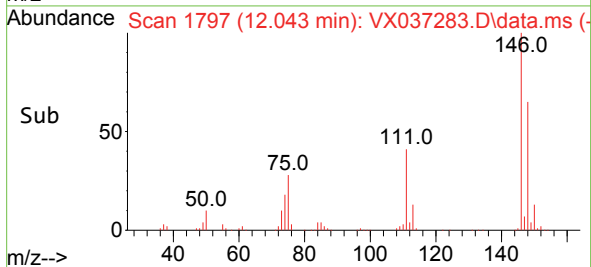
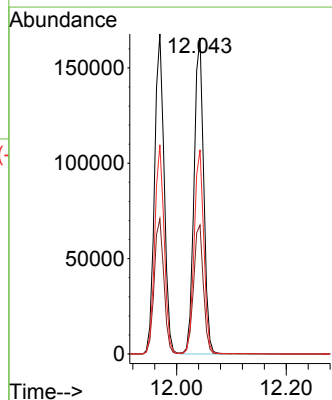
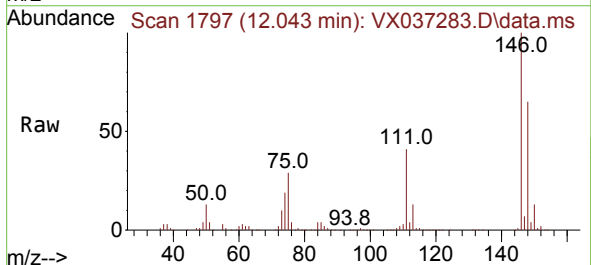
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

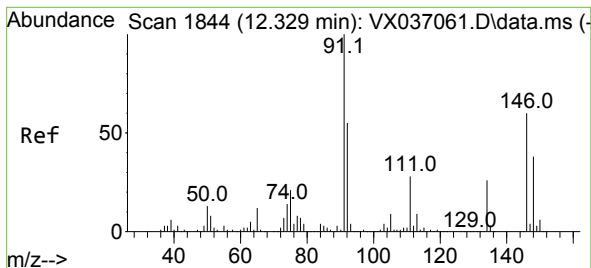
Tgt Ion:146 Resp: 202595
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.1
148 64.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 50.304 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX037283.D
Acq: 25 Aug 2023 20:24

Tgt Ion:146 Resp: 203599
Ion Ratio Lower Upper
146 100
111 41.5 21.3 63.7
148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 57.929 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

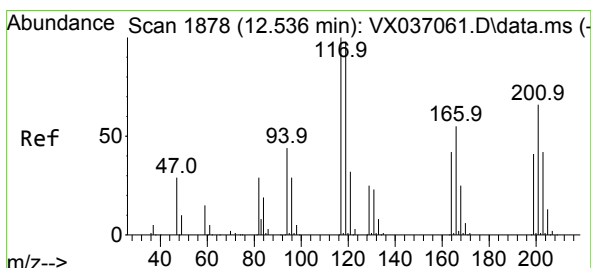
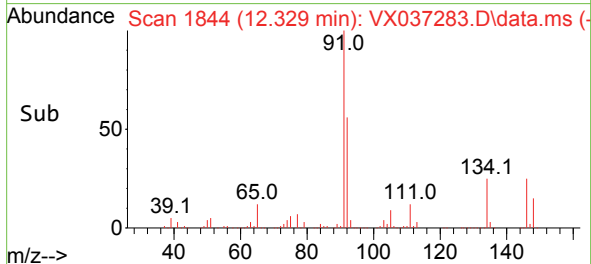
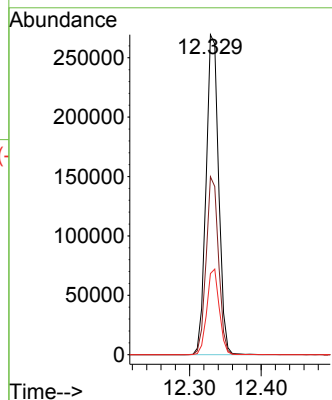
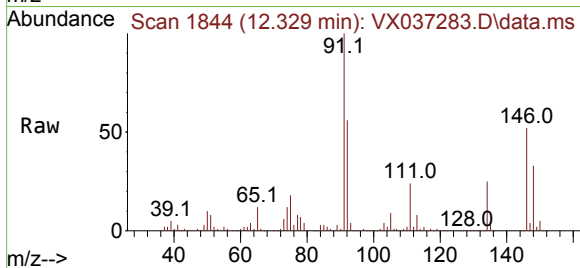
Tgt Ion: 91 Resp: 329157

Ion Ratio Lower Upper

91 100

92 55.0 27.4 82.0

134 26.4 12.6 37.8



#90

Hexachloroethane

Concen: 61.487 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037283.D

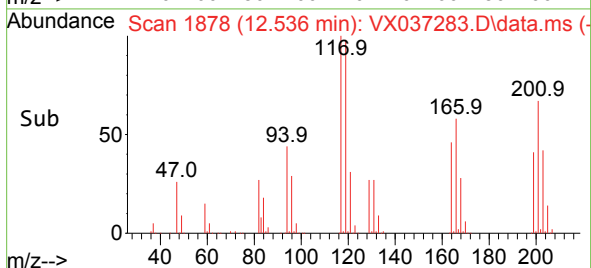
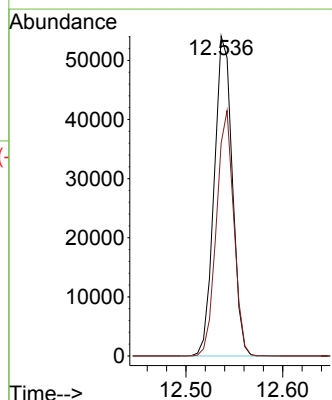
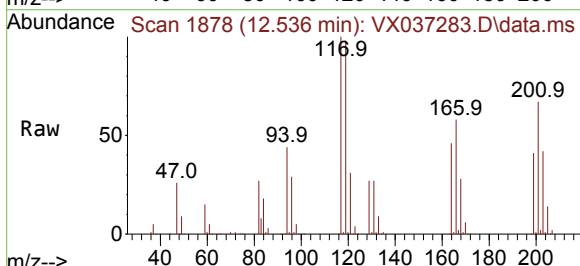
Acq: 25 Aug 2023 20:24

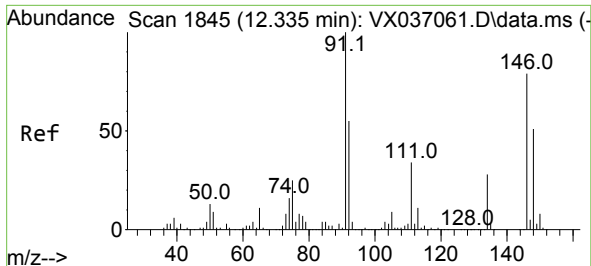
Tgt Ion: 117 Resp: 70335

Ion Ratio Lower Upper

117 100

201 73.3 32.9 98.6

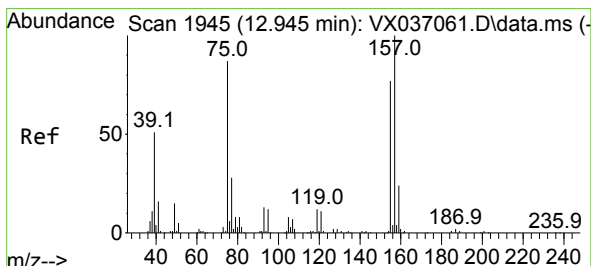
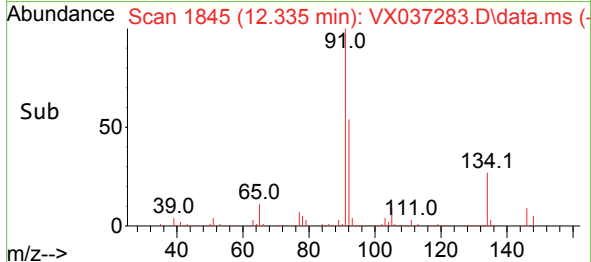
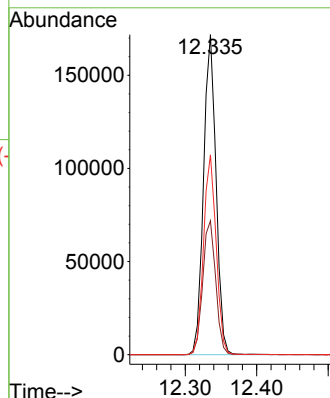
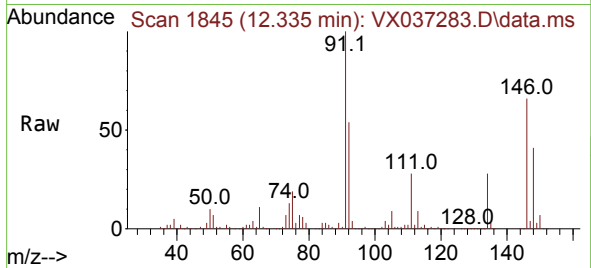




#91
 1,2-Dichlorobenzene
 Concen: 54.428 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX037283.D
 Acq: 25 Aug 2023 20:24

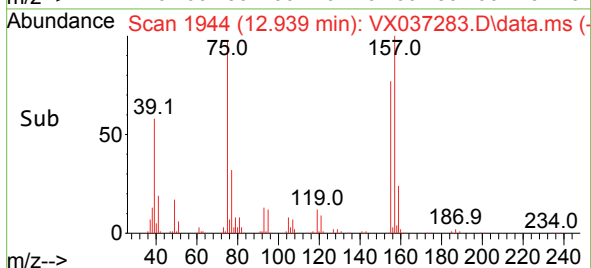
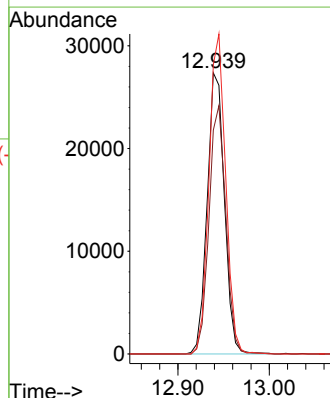
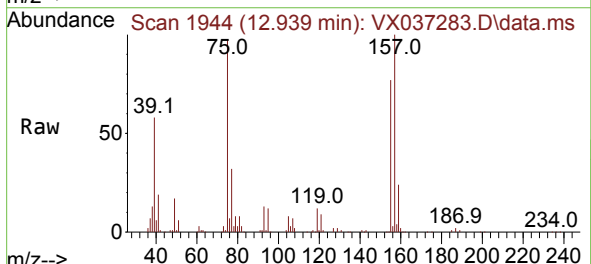
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 208787
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.4 67.0
 148 63.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.278 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX037283.D
 Acq: 25 Aug 2023 20:24

Tgt Ion: 75 Resp: 35719
 Ion Ratio Lower Upper
 75 100
 155 86.6 36.1 108.5
 157 110.3 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.497 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

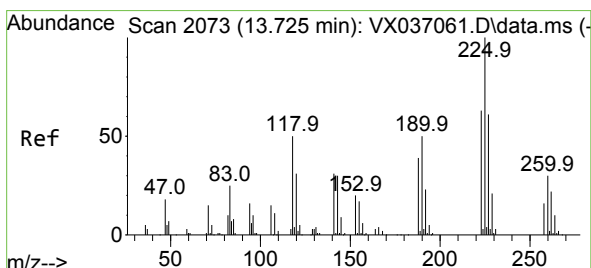
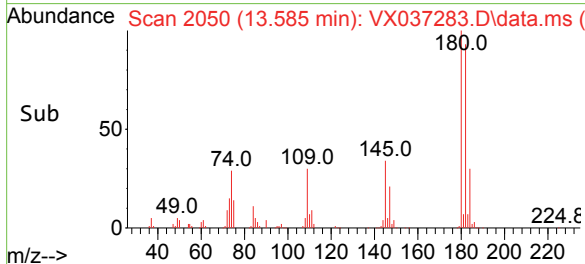
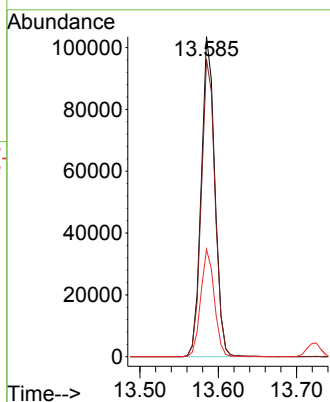
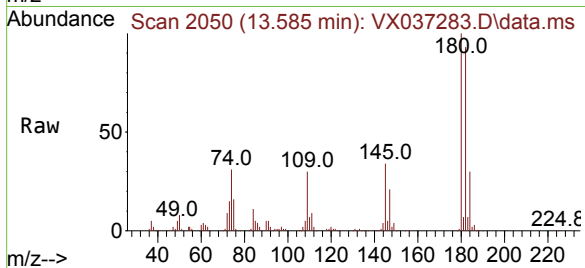
Tgt Ion:180 Resp: 124565

Ion Ratio Lower Upper

180 100

182 94.2 48.3 144.8

145 33.5 18.0 54.0



#94

Hexachlorobutadiene

Concen: 60.890 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

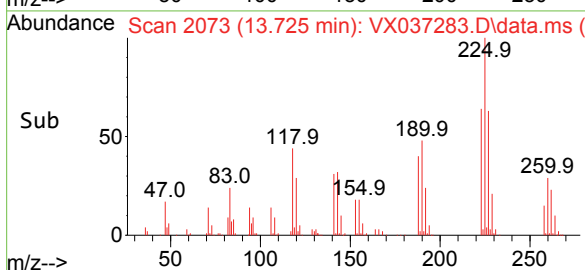
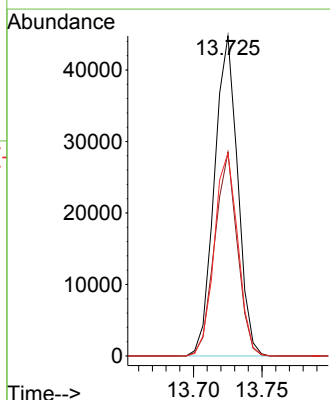
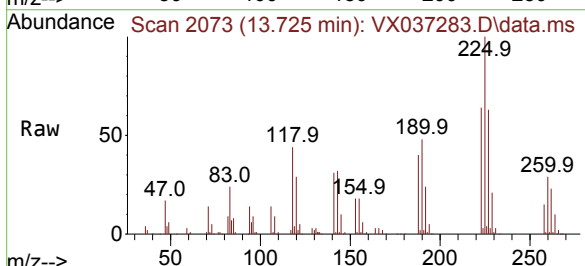
Tgt Ion:225 Resp: 52799

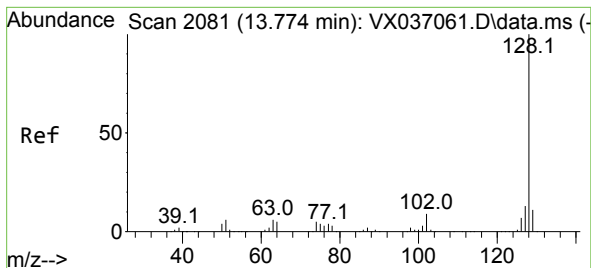
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.2

227 64.2 32.5 97.5





#95

Naphthalene

Concen: 46.606 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

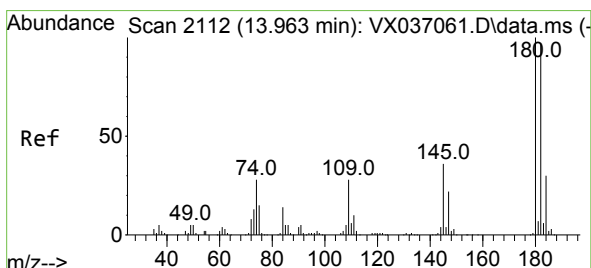
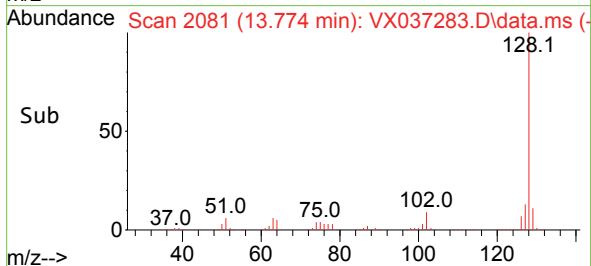
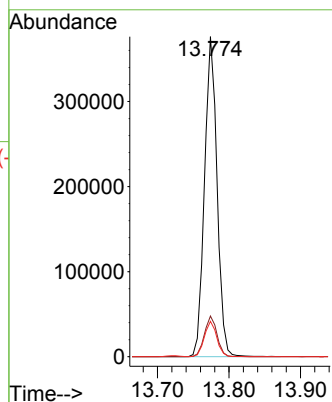
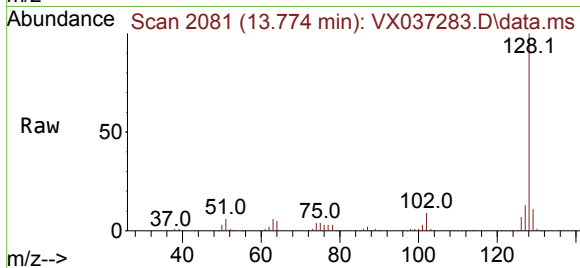
Tgt Ion:128 Resp: 458229

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 56.033 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX037283.D

Acq: 25 Aug 2023 20:24

Tgt Ion:180 Resp: 124952

Ion Ratio Lower Upper

180 100

182 95.6 46.9 140.6

145 35.5 17.8 53.5

