

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037067.D
 Acq On : 17 Aug 2023 18:29
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Aug 18 06:09:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	282854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	3950	1.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	3.380%#
35) Dibromofluoromethane	5.391	113	2514	1.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.680%#
50) Toluene-d8	8.653	98	9233	1.359	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.720%#
62) 4-Bromofluorobenzene	11.085	95	4040	1.513	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	3.020%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1587	0.844	ug/l	98
3) Chloromethane	1.301	50	1567	0.952	ug/l	99
4) Vinyl Chloride	1.374	62	1637	0.914	ug/l	98
5) Bromomethane	1.599	94	1303	1.461	ug/l	88
6) Chloroethane	1.685	64	1072	1.017	ug/l	98
7) Trichlorofluoromethane	1.886	101	3048	1.039	ug/l	85
8) Diethyl Ether	2.136	74	1168	1.029	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	1886	1.102	ug/l	98
10) Methyl Iodide	2.453	142	1592	0.765	ug/l	90
11) Tert butyl alcohol	2.971	59	2997	5.473	ug/l	97
12) 1,1-Dichloroethene	2.319	96	1702	1.021	ug/l #	68
13) Acrolein	2.239	56	2263	5.433	ug/l	92
14) Allyl chloride	2.666	41	2769	1.073	ug/l	94
15) Acrylonitrile	3.075	53	4830	4.942	ug/l	99
16) Acetone	2.380	43	5159	5.649	ug/l	97
17) Carbon Disulfide	2.514	76	4940	1.165	ug/l #	94
18) Methyl Acetate	2.709	43	3913	1.138	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	6165	0.975	ug/l #	87
20) Methylene Chloride	2.788	84	2280	1.116	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	2046	1.080	ug/l #	75
22) Diisopropyl ether	3.770	45	5113	0.966	ug/l #	94
23) Vinyl Acetate	3.727	43	18856	4.648	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	3281	0.988	ug/l #	83
25) 2-Butanone	4.574	43	6788	4.937	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	2872	0.969	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	2220	0.994	ug/l	98
28) Bromochloromethane	4.904	49	1518	1.024	ug/l #	87
29) Tetrahydrofuran	5.019	42	4495	5.126	ug/l	90
30) Chloroform	5.099	83	3807	1.022	ug/l	100
31) Cyclohexane	5.477	56	2723	1.037	ug/l	88
32) 1,1,1-Trichloroethane	5.391	97	3064	0.918	ug/l #	52
36) 1,1-Dichloropropene	5.696	75	2849	1.070	ug/l	98
37) Ethyl Acetate	4.727	43	2160	0.795	ug/l #	94
38) Carbon Tetrachloride	5.678	117	2841	0.983	ug/l #	85
39) Methylcyclohexane	7.379	83	2984	1.067	ug/l	84
40) Benzene	6.038	78	7454	0.977	ug/l	93

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	1292	0.914	ug/l #	89
42) 1,2-Dichloroethane	6.092	62	2685	0.897	ug/l	95
43) Isopropyl Acetate	6.348	43	4157	0.963	ug/l #	94
44) Trichloroethene	7.129	130	2193	1.013	ug/l	78
45) 1,2-Dichloropropane	7.428	63	1829	0.972	ug/l	96
46) Dibromomethane	7.592	93	1424	0.960	ug/l	96
47) Bromodichloromethane	7.824	83	2539	0.894	ug/l	88
48) Methyl methacrylate	7.702	41	1991	0.946	ug/l	95
49) 1,4-Dioxane	7.671	88	1050	18.522	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	12837	4.898	ug/l	95
52) Toluene	8.720	92	4698	0.932	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	2497	0.826	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	2737	0.838	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	2017	0.982	ug/l	89
56) Ethyl methacrylate	9.122	69	2755	0.856	ug/l	89
57) 1,3-Dichloropropane	9.311	76	3264	0.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	8513	5.515	ug/l	95
59) 2-Hexanone	9.433	43	9341	4.674	ug/l	93
60) Dibromochloromethane	9.525	129	1873	0.857	ug/l	94
61) 1,2-Dibromoethane	9.610	107	2130	0.947	ug/l	99
64) Tetrachloroethene	9.275	164	1953	1.062	ug/l	86
65) Chlorobenzene	10.079	112	5362	1.006	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.165	131	1757	0.893	ug/l #	65
67) Ethyl Benzene	10.195	91	9160	0.977	ug/l	95
68) m/p-Xylenes	10.305	106	6899	1.905	ug/l	95
69) o-Xylene	10.640	106	3598	1.007	ug/l	96
70) Styrene	10.659	104	5367	0.912	ug/l	97
71) Bromoform	10.799	173	1253	0.852	ug/l #	89
73) Isopropylbenzene	10.963	105	8799	1.025	ug/l	99
74) N-amyl acetate	10.848	43	3096	0.928	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	2824	0.977	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	3270	1.300	ug/l	86
77) Bromobenzene	11.201	156	2233	1.065	ug/l	93
78) n-propylbenzene	11.305	91	9790	1.024	ug/l	99
79) 2-Chlorotoluene	11.366	91	6647	1.088	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	7170	1.001	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	664	0.737	ug/l	97
82) 4-Chlorotoluene	11.457	91	7505	1.064	ug/l	98
83) tert-Butylbenzene	11.713	119	6938	1.016	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	7433	1.027	ug/l	97
85) sec-Butylbenzene	11.890	105	8256	1.035	ug/l	97
86) p-Isopropyltoluene	12.006	119	7002	1.020	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	4057	1.034	ug/l	99
88) 1,4-Dichlorobenzene	11.969	146	4057	1.017	ug/l	99
89) n-Butylbenzene	12.335	91	5753	1.010	ug/l	96
90) Hexachloroethane	12.536	117	958	0.836	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	3811	0.991	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	597	0.889	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	2270	1.009	ug/l	99
94) Hexachlorobutadiene	13.725	225	1088	1.252	ug/l	93
95) Naphthalene	13.774	128	12798	1.299	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	2198	0.984	ug/l	98

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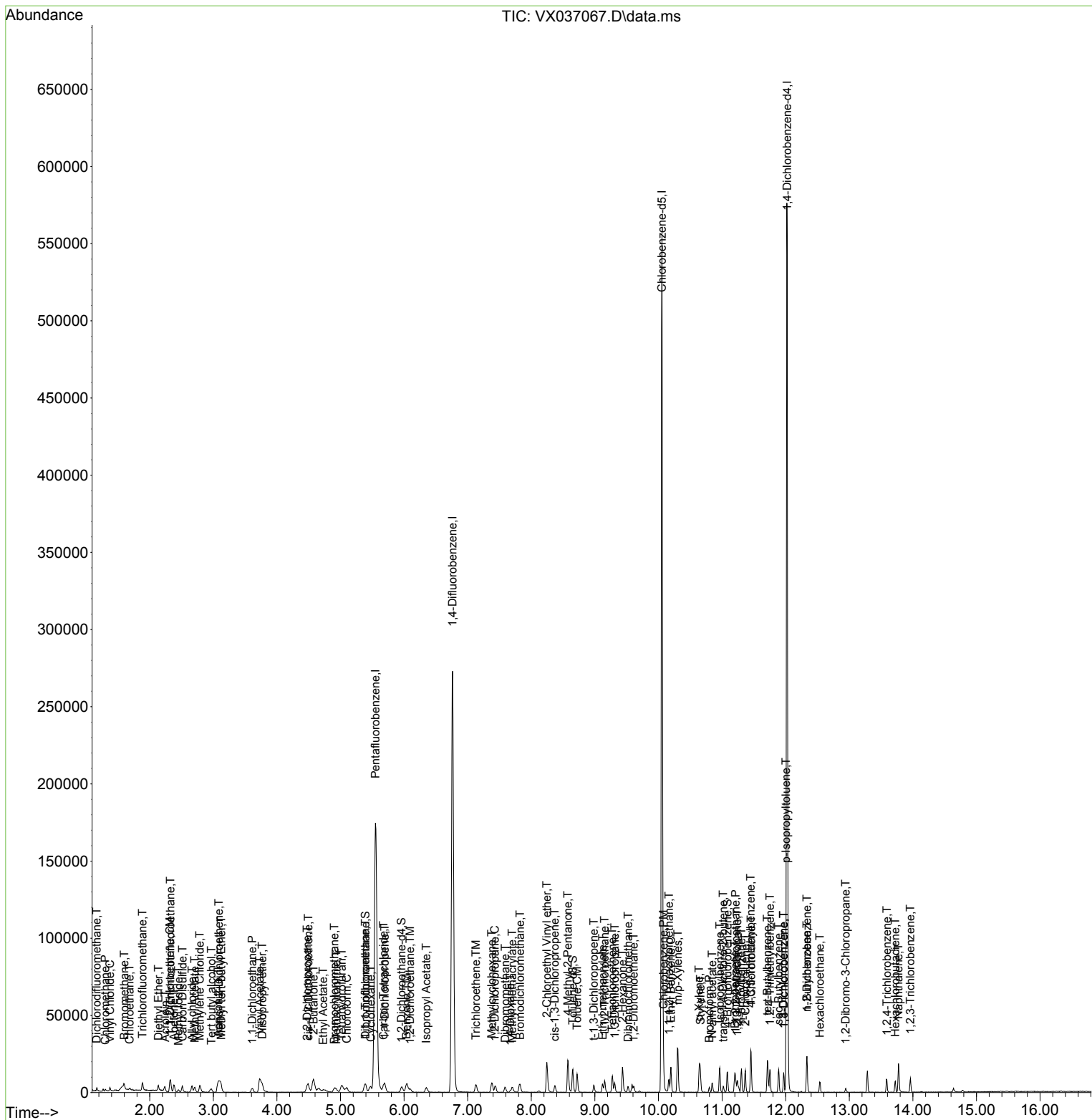
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

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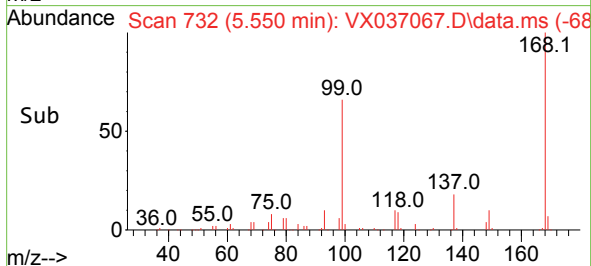
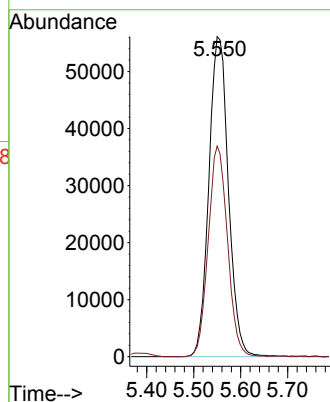
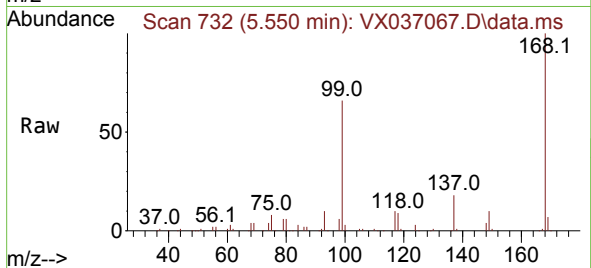




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

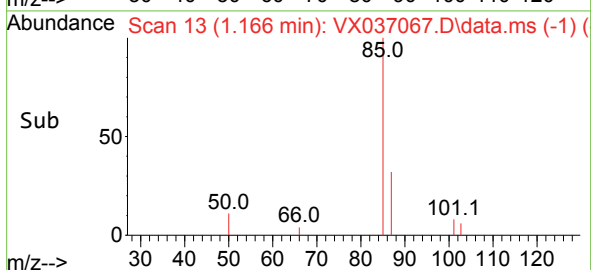
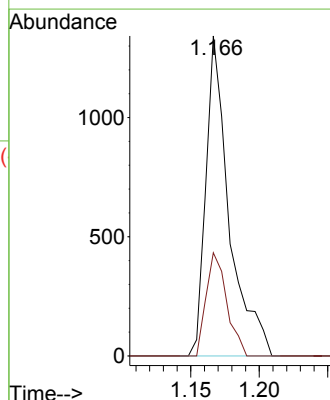
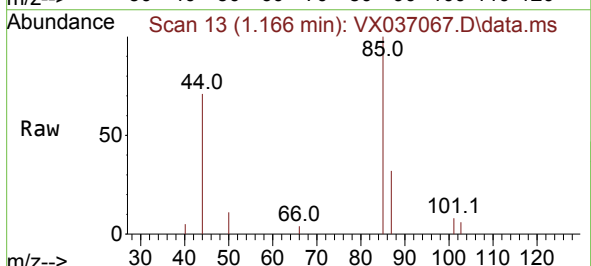
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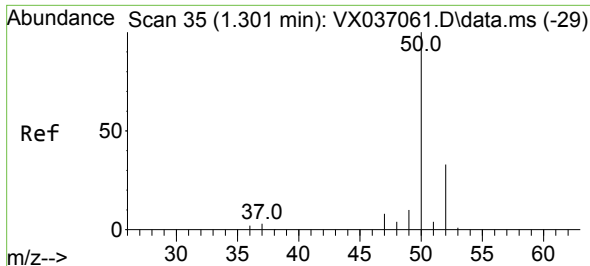
Tgt Ion:168 Resp: 161913
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.844 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 85 Resp: 1587
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1

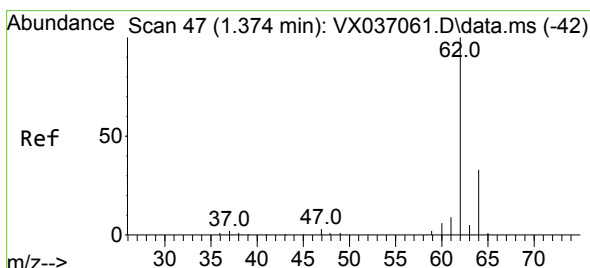
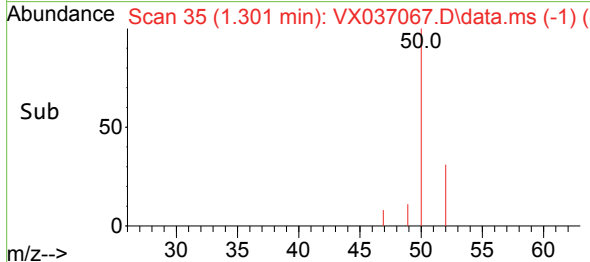
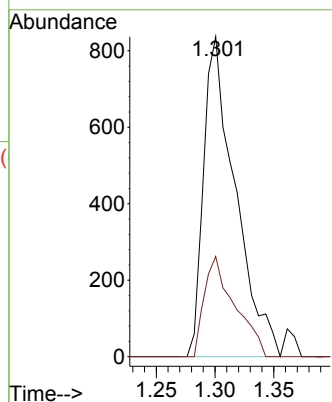
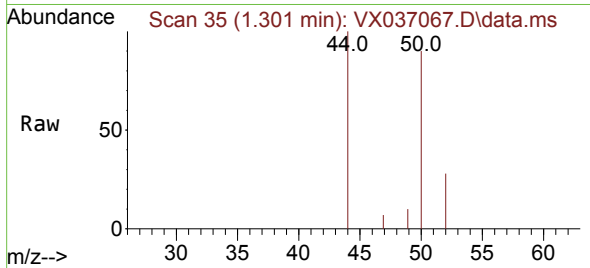




#3
Chloromethane
Concen: 0.952 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

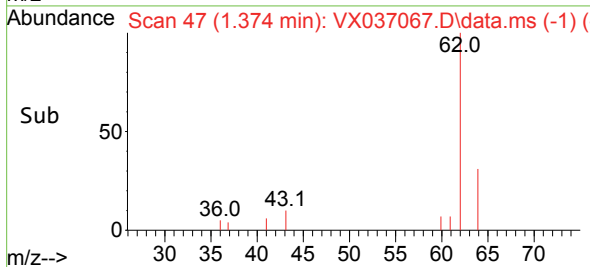
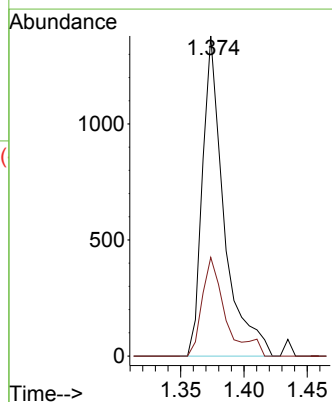
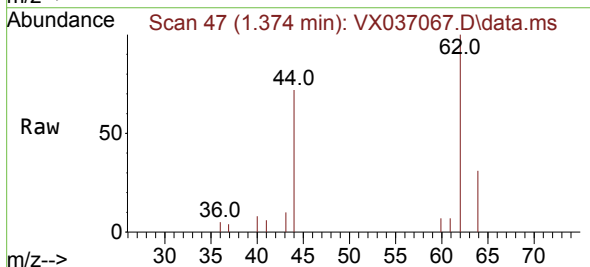
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

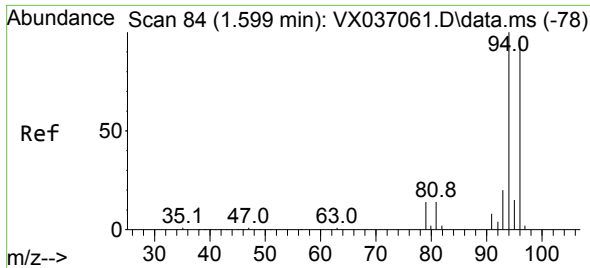
Tgt Ion: 50 Resp: 1567
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3



#4
Vinyl Chloride
Concen: 0.914 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 62 Resp: 1637
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.0

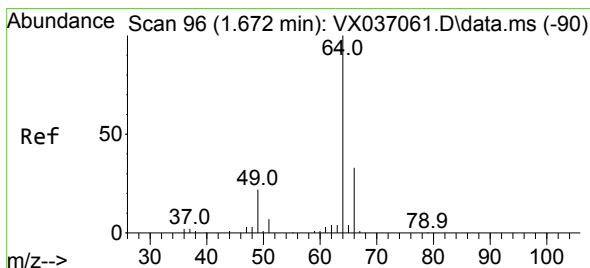
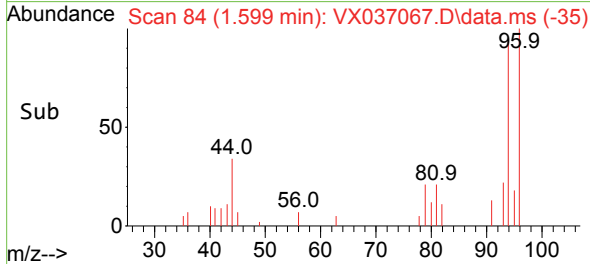
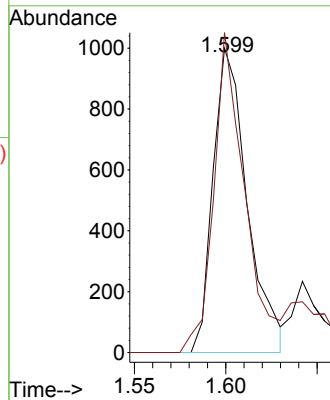
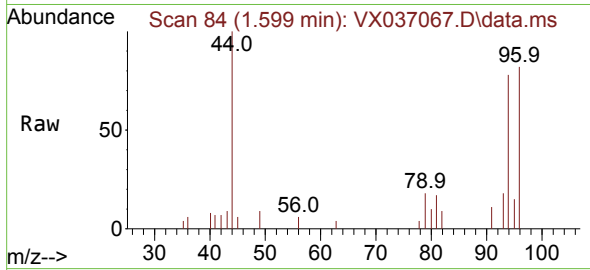




#5
 Bromomethane
 Concen: 1.461 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

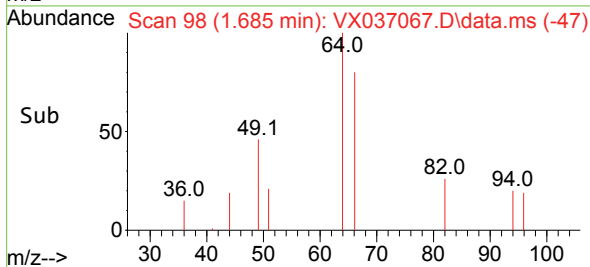
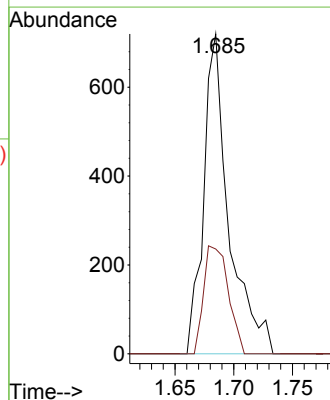
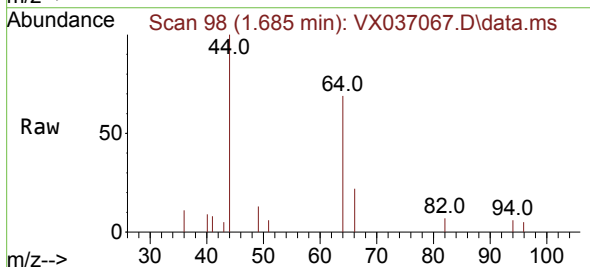
Instrument :
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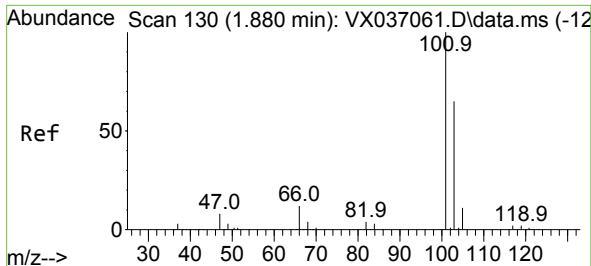
Tgt Ion: 94 Resp: 1303
 Ion Ratio Lower Upper
 94 100
 96 105.1 74.6 111.8



#6
 Chloroethane
 Concen: 1.017 ug/l
 RT: 1.685 min Scan# 98
 Delta R.T. 0.013 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

Tgt Ion: 64 Resp: 1072
 Ion Ratio Lower Upper
 64 100
 66 32.8 25.1 37.7

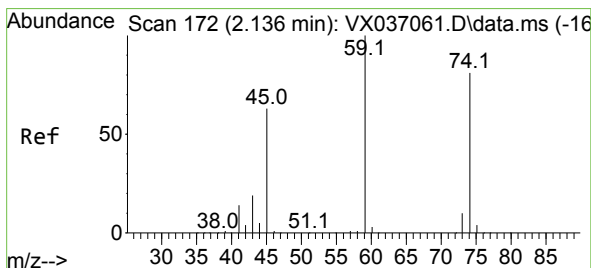
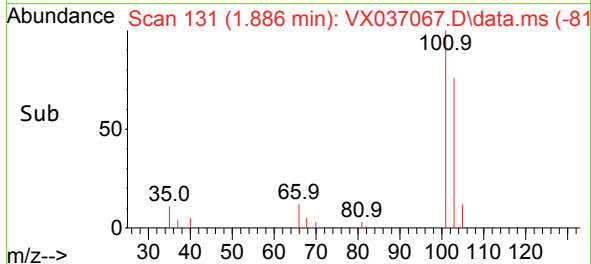
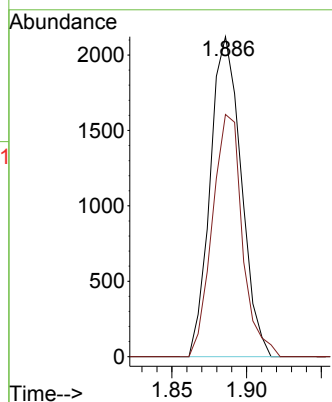
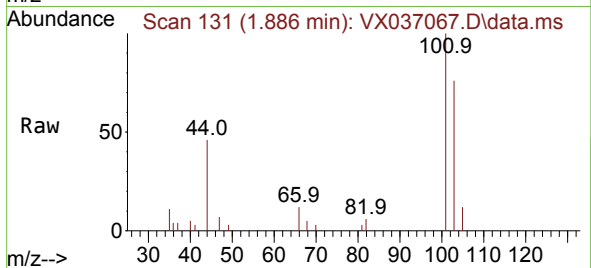




#7
Trichlorofluoromethane
Concen: 1.039 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

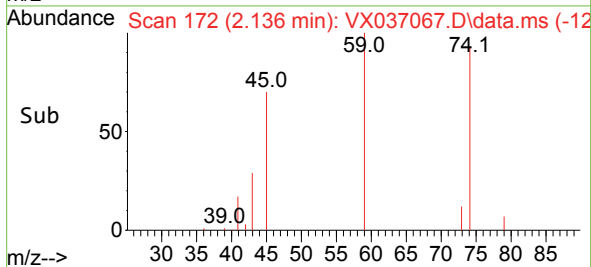
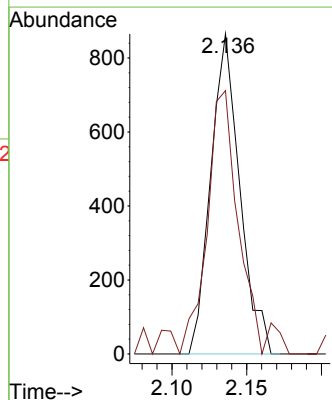
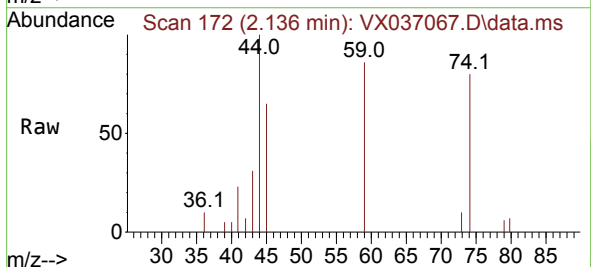
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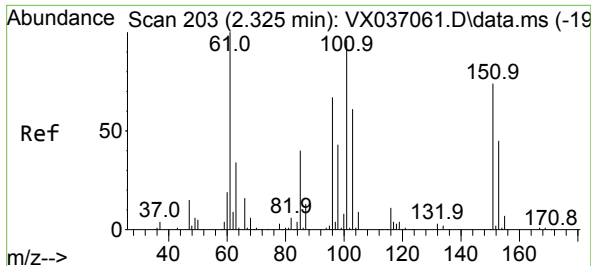
Tgt Ion:101 Resp: 3048
Ion Ratio Lower Upper
101 100
103 75.7 51.4 77.2



#8
Diethyl Ether
Concen: 1.029 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 74 Resp: 1168
Ion Ratio Lower Upper
74 100
45 94.9 53.3 159.8

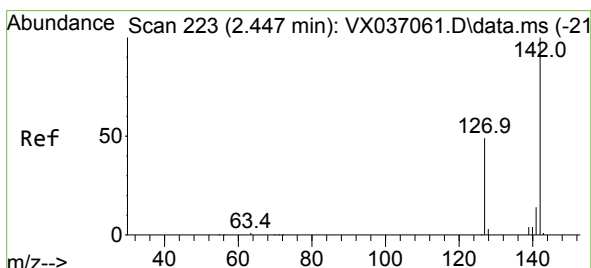
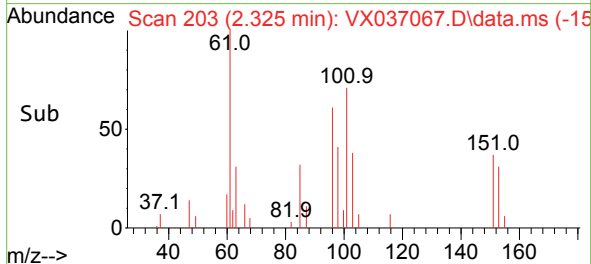
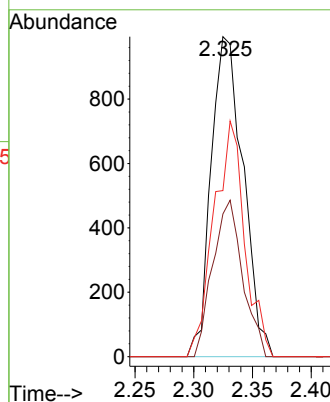
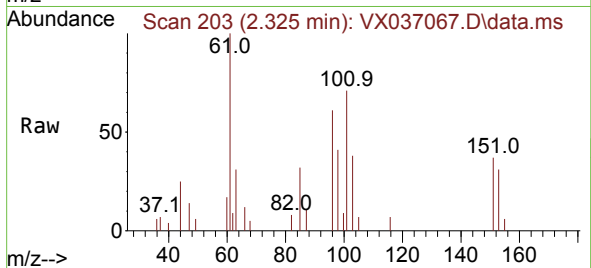




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.102 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
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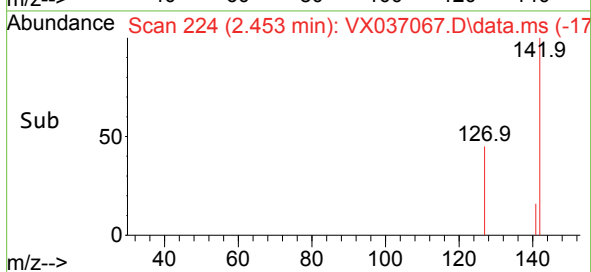
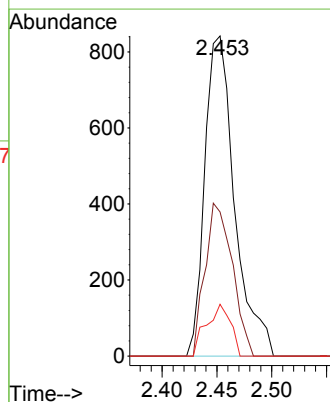
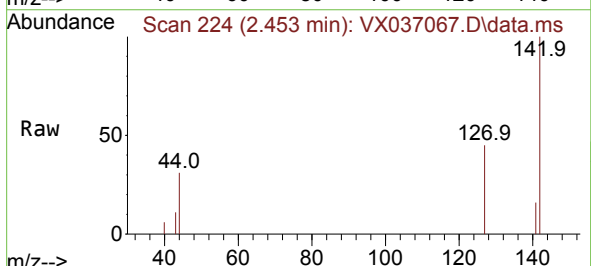
Instrument :
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ClientSampleId :
VSTDIC001

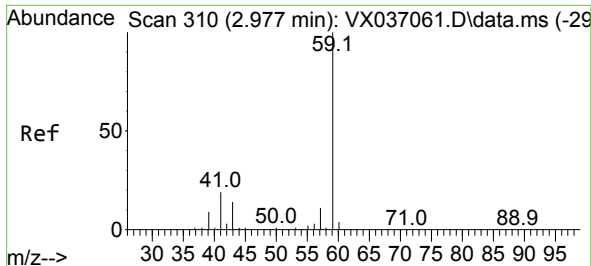
Tgt Ion:101 Resp: 1886
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 70.7 58.6 87.8



#10
Methyl Iodide
Concen: 0.765 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion:142 Resp: 1592
Ion Ratio Lower Upper
142 100
127 43.5 41.6 62.4
141 13.1 11.6 17.4

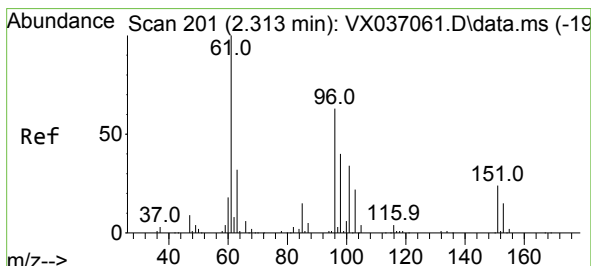
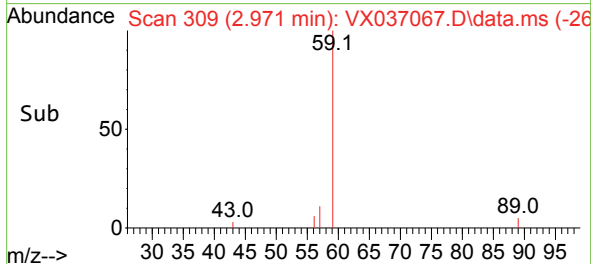
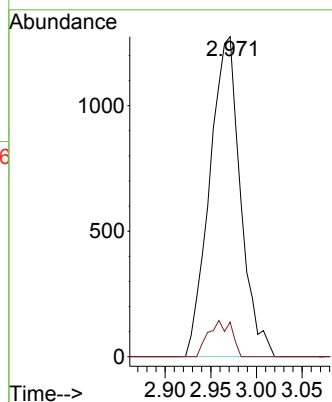
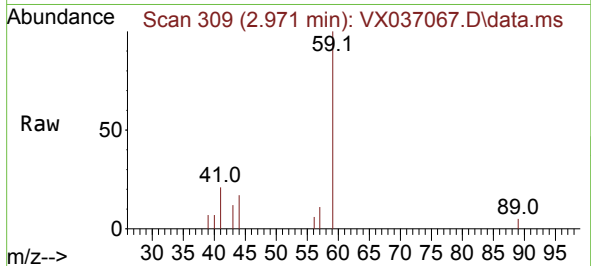




#11
Tert butyl alcohol
Concen: 5.473 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

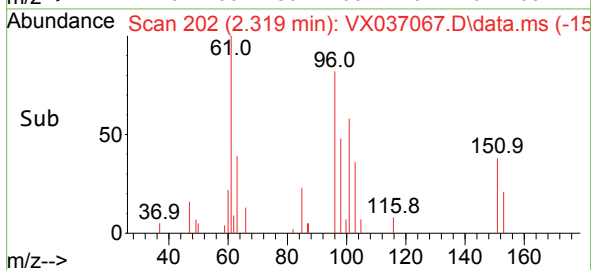
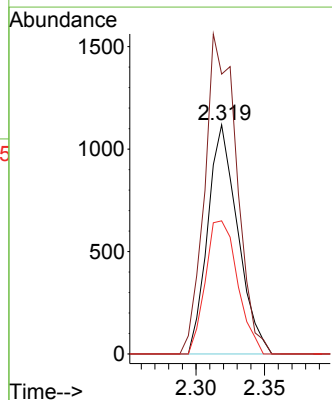
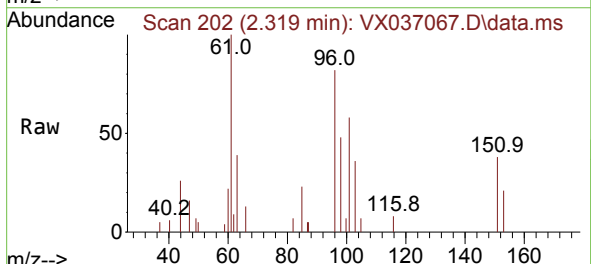
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

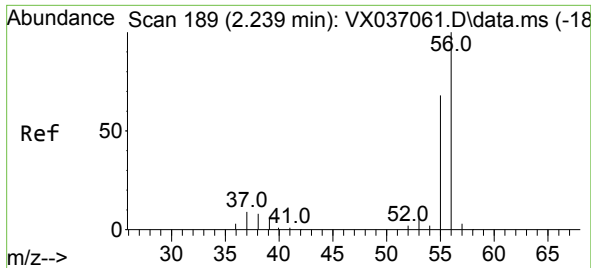
Tgt Ion: 59 Resp: 2997
Ion Ratio Lower Upper
59 100
57 8.5 6.0 9.0



#12
1,1-Dichloroethene
Concen: 1.021 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 96 Resp: 1702
Ion Ratio Lower Upper
96 100
61 122.2 144.6 216.8#
98 58.1 50.4 75.6





#13

Acrolein

Concen: 5.433 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

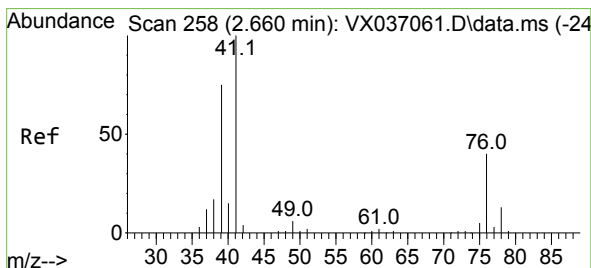
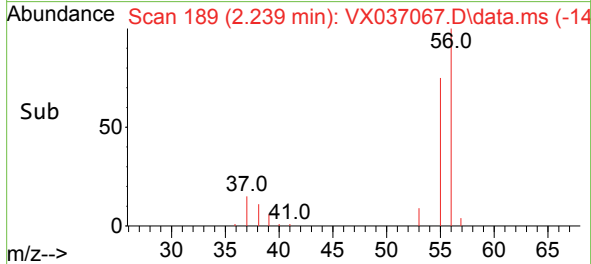
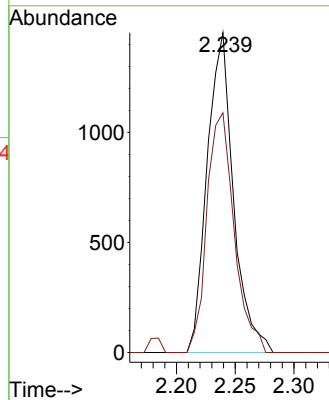
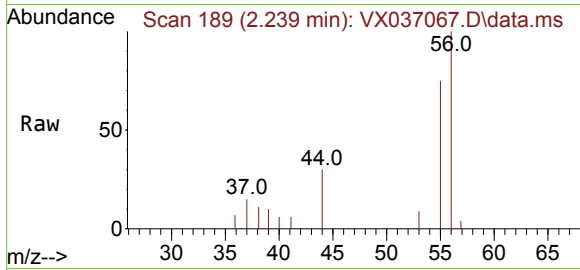
VSTDICC001

Tgt Ion: 56 Resp: 2263

Ion Ratio Lower Upper

56 100

55 77.8 57.1 85.7



#14

Allyl chloride

Concen: 1.073 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

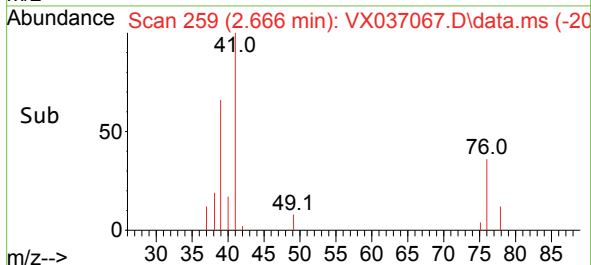
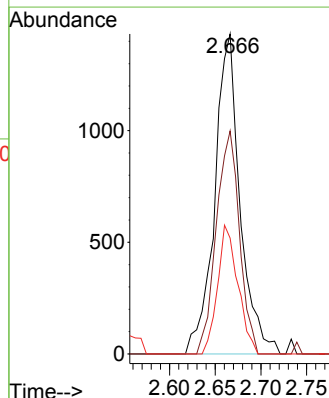
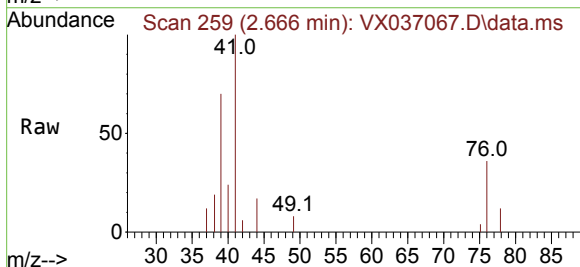
Tgt Ion: 41 Resp: 2769

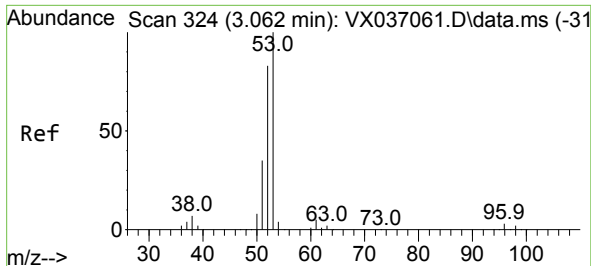
Ion Ratio Lower Upper

41 100

39 63.5 55.8 83.6

76 32.2 24.3 36.5

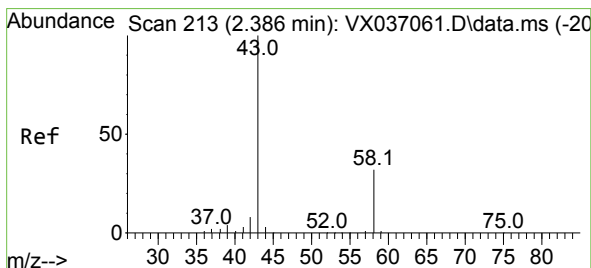
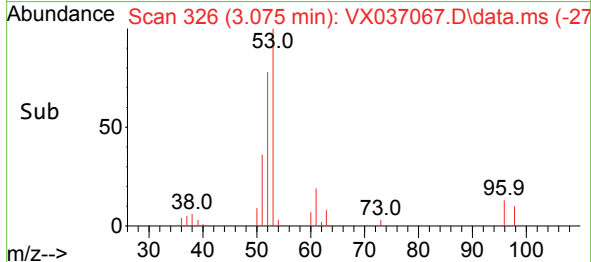
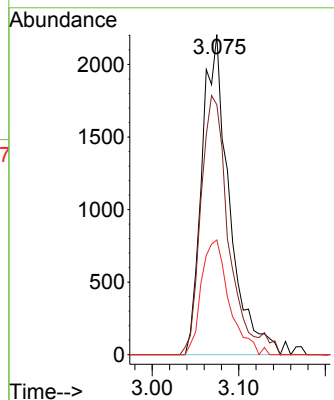
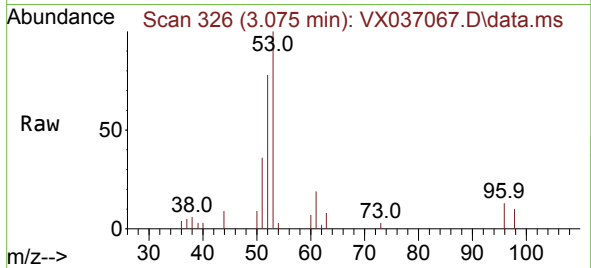




#15
Acrylonitrile
Concen: 4.942 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

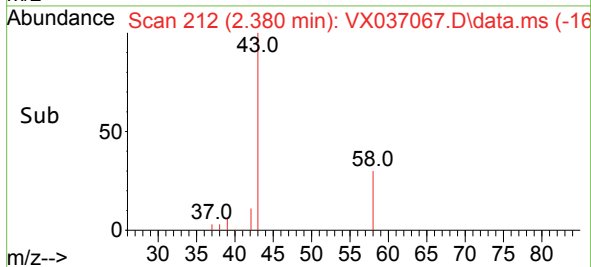
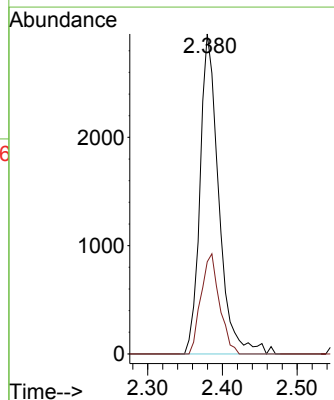
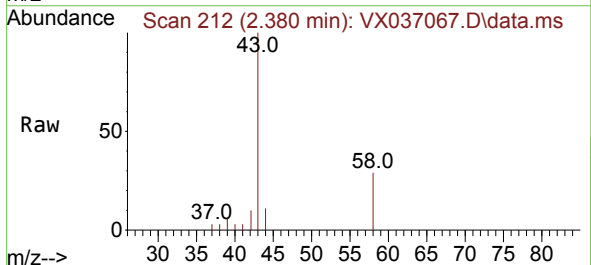
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

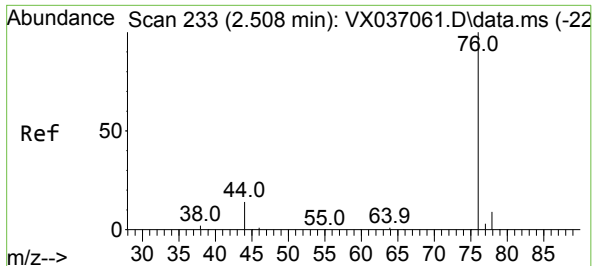
Tgt Ion:	53	Resp:	4830
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.0	99.0
51	36.5	29.8	44.6



#16
Acetone
Concen: 5.649 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion:	43	Resp:	5159
Ion	Ratio	Lower	Upper
43	100		
58	28.8	21.9	32.9

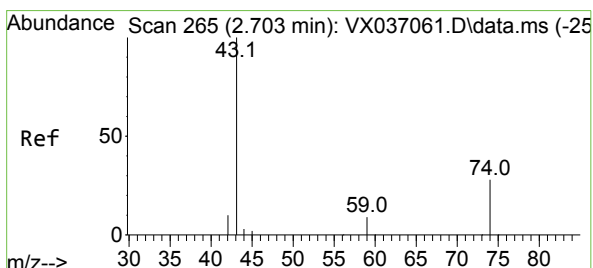
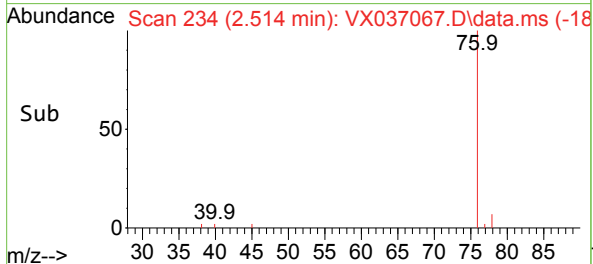
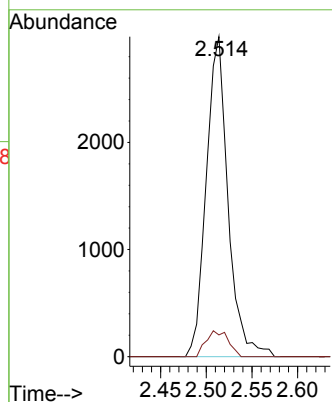
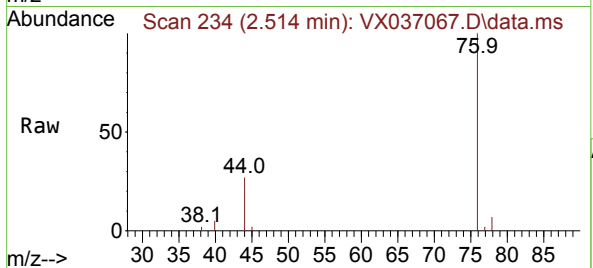




#17
Carbon Disulfide
Concen: 1.165 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

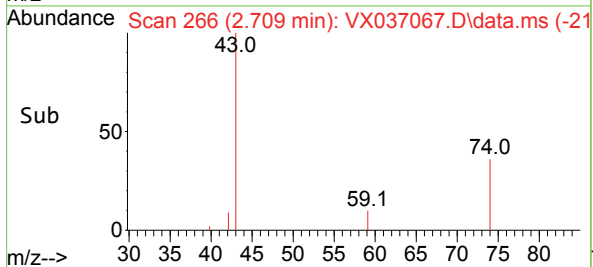
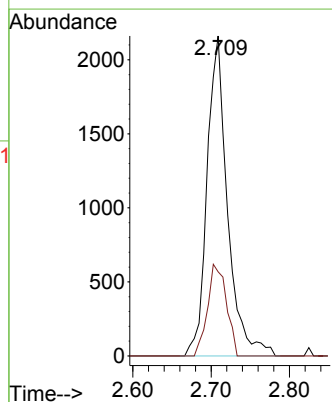
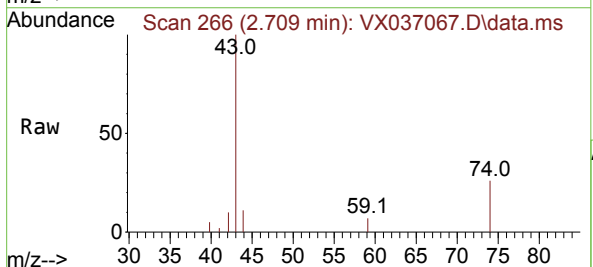
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

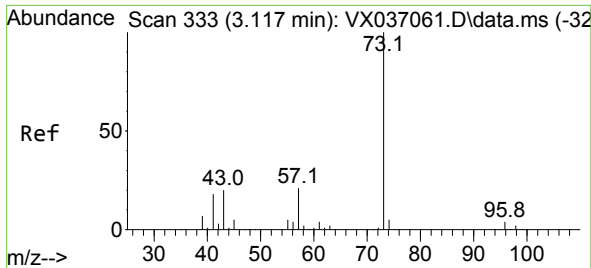
Tgt Ion: 76 Resp: 4940
Ion Ratio Lower Upper
76 100
78 6.8 7.0 10.6#



#18
Methyl Acetate
Concen: 1.138 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 43 Resp: 3913
Ion Ratio Lower Upper
43 100
74 26.4 17.8 26.8

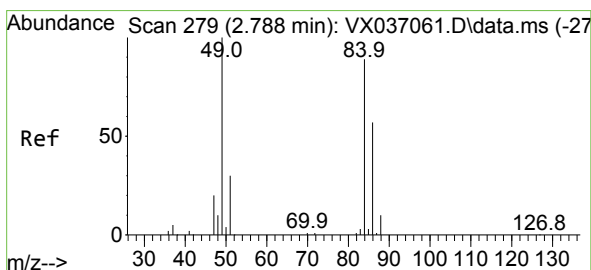
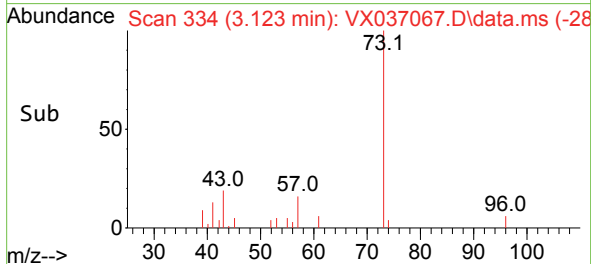
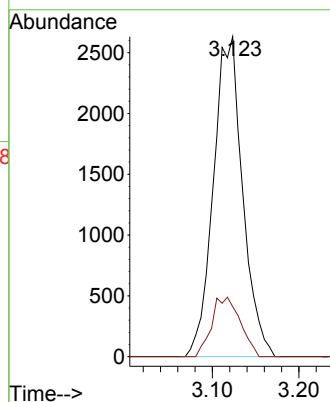
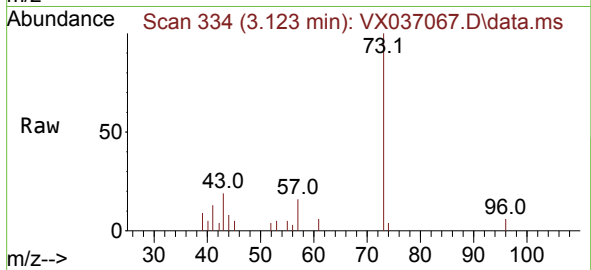




#19
Methyl tert-butyl Ether
Concen: 0.975 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

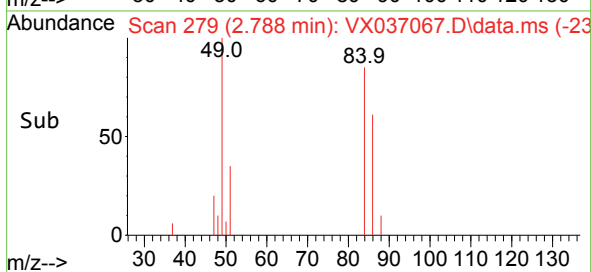
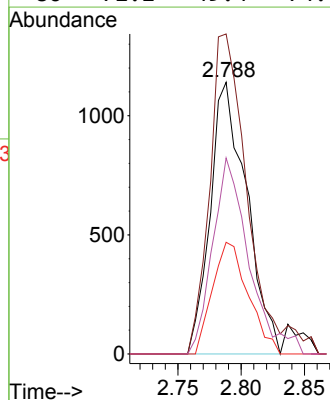
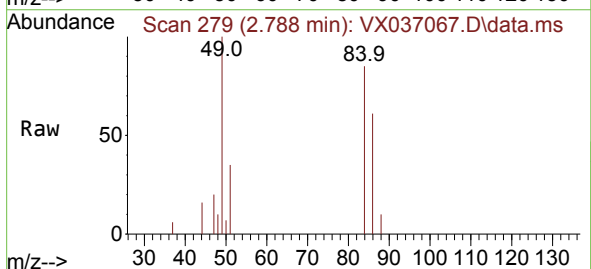
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

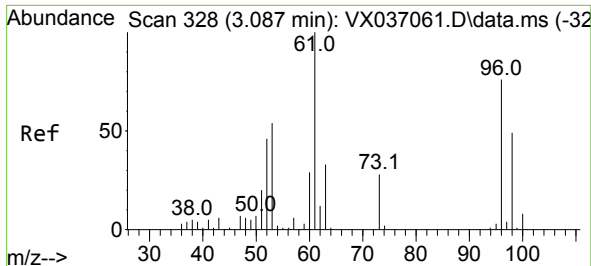
Tgt Ion: 73 Resp: 6165
Ion Ratio Lower Upper
73 100
57 15.7 17.3 25.9#



#20
Methylene Chloride
Concen: 1.116 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 84 Resp: 2280
Ion Ratio Lower Upper
84 100
49 117.8 103.6 155.4
51 41.1 33.8 50.6
86 72.2 49.4 74.0

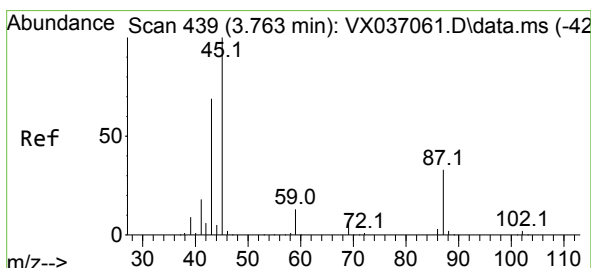
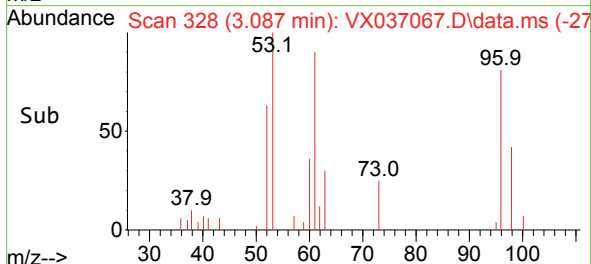
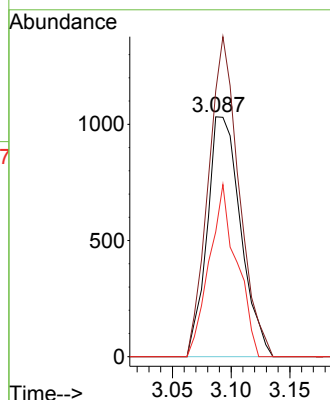
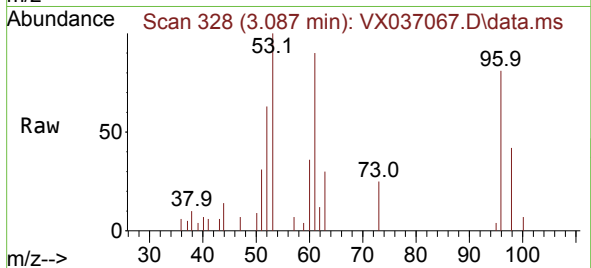




#21
trans-1,2-Dichloroethene
Concen: 1.080 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

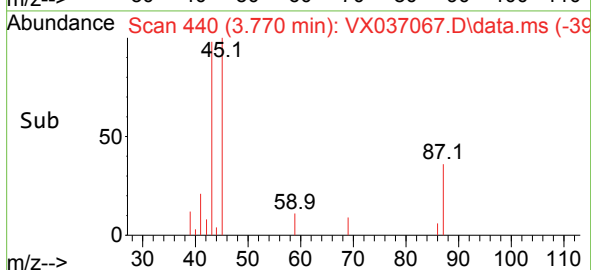
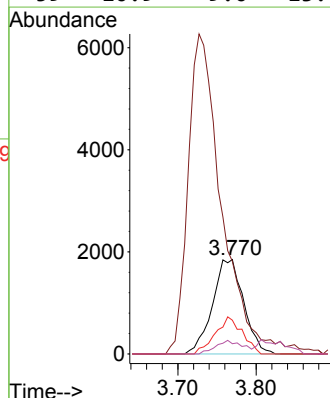
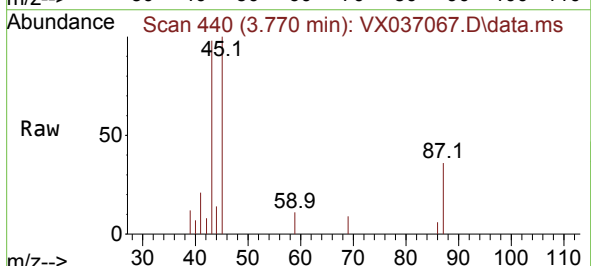
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

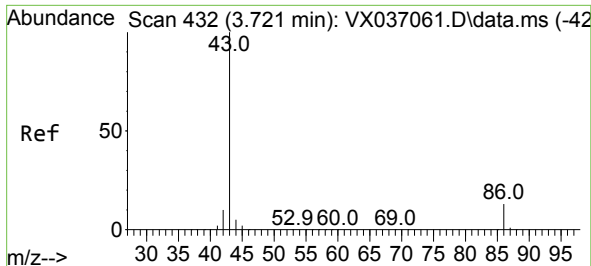
Tgt Ion: 96 Resp: 2046
Ion Ratio Lower Upper
96 100
61 110.8 119.2 178.8#
98 52.0 48.7 73.1



#22
Diisopropyl ether
Concen: 0.966 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 45 Resp: 5113
Ion Ratio Lower Upper
45 100
43 84.9 69.7 104.5
87 35.7 20.8 31.2#
59 10.9 9.0 13.4

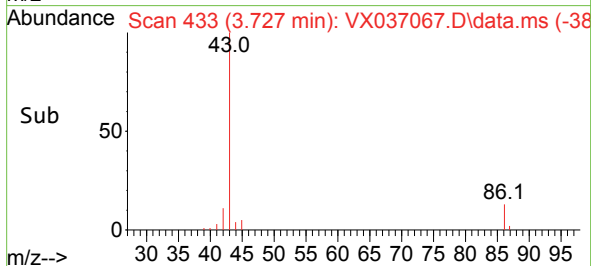
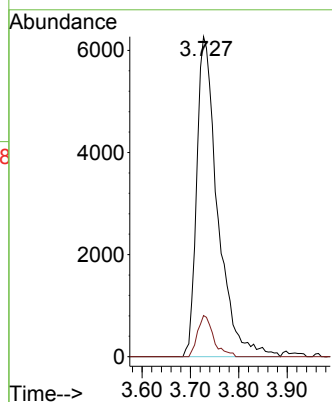
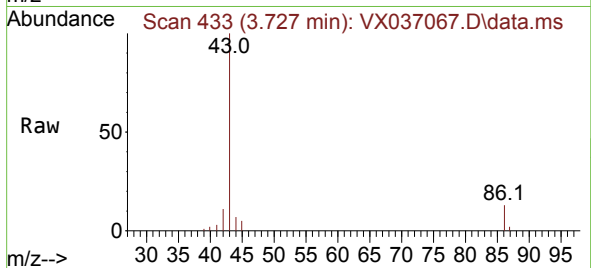




#23
 Vinyl Acetate
 Concen: 4.648 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

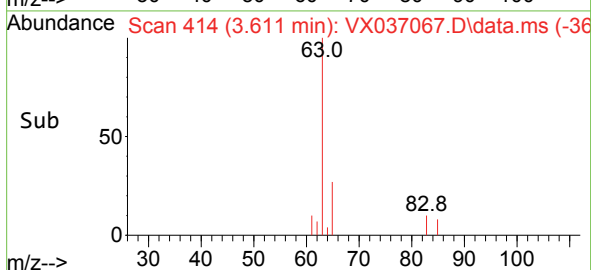
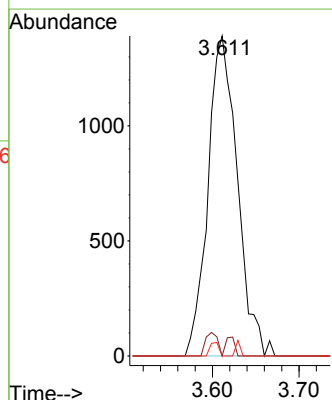
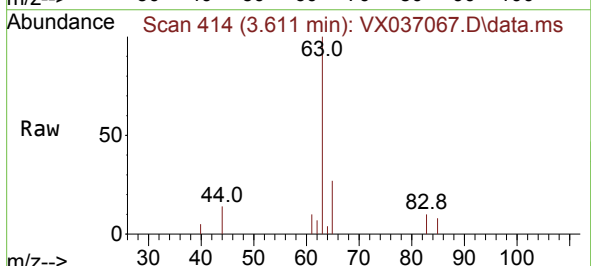
Instrument :
 MSVOA_X
 ClientSampleId :
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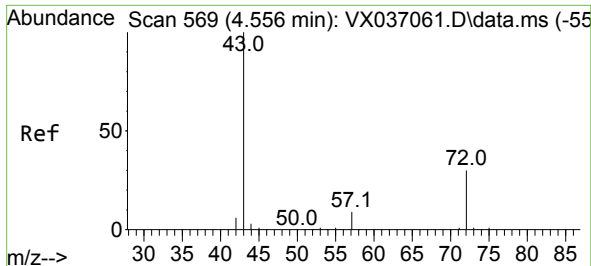
Tgt Ion: 43 Resp: 18856
 Ion Ratio Lower Upper
 43 100
 86 12.9 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 0.988 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

Tgt Ion: 63 Resp: 3281
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 4.937 ug/l

RT: 4.574 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

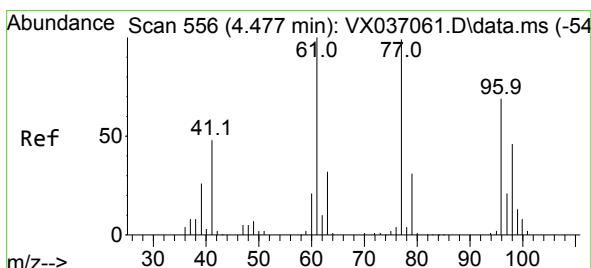
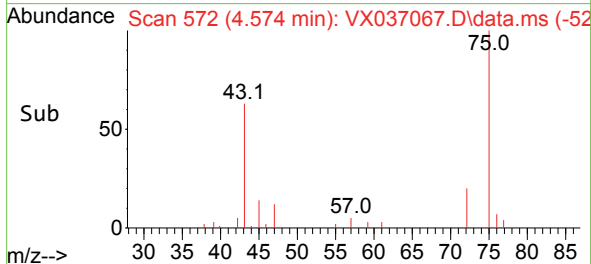
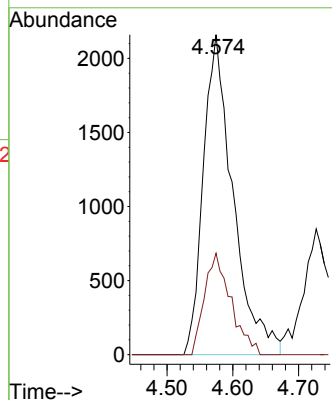
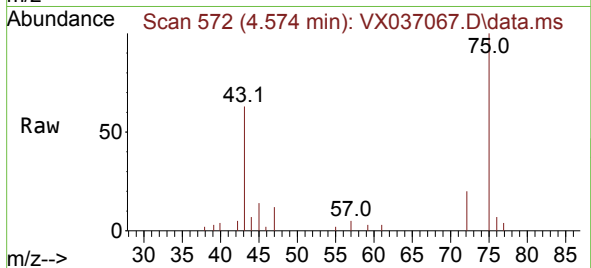
VSTDIC001

Tgt Ion: 43 Resp: 6788

Ion Ratio Lower Upper

43 100

72 31.7 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.969 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX037067.D

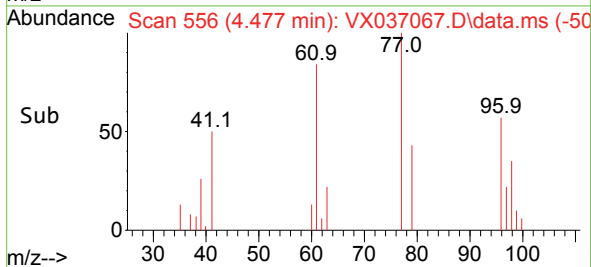
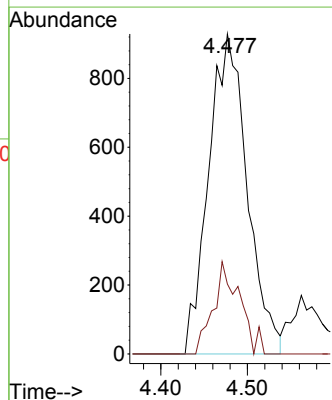
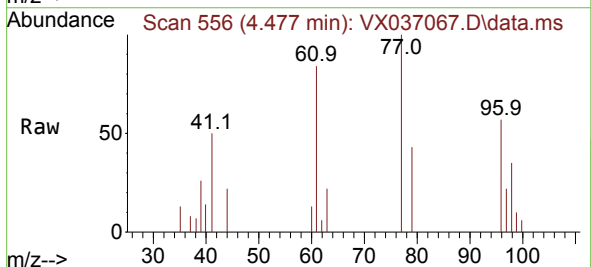
Acq: 17 Aug 2023 18:29

Tgt Ion: 77 Resp: 2872

Ion Ratio Lower Upper

77 100

97 19.9 10.8 32.3

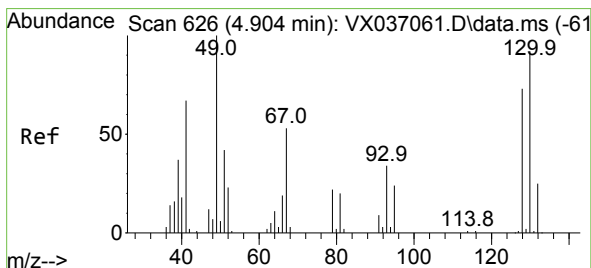
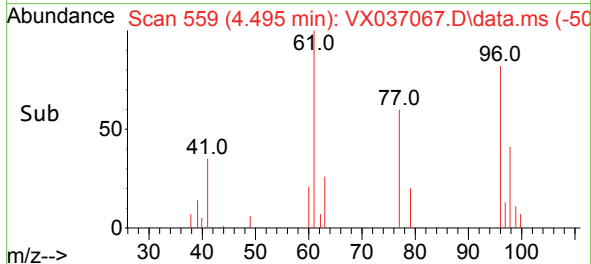
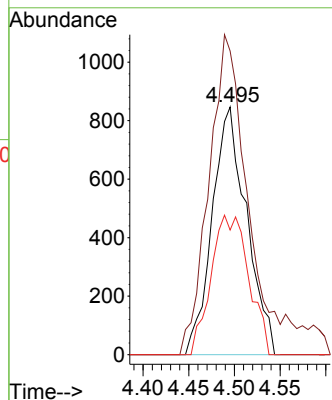
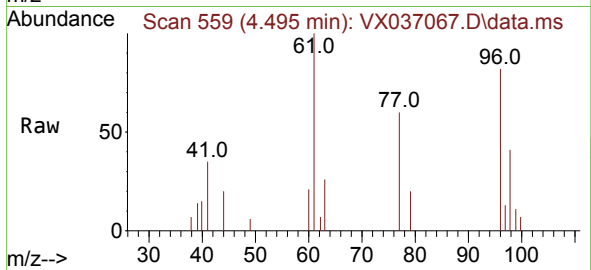




#27
 cis-1,2-Dichloroethene
 Concen: 0.994 ug/l
 RT: 4.495 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

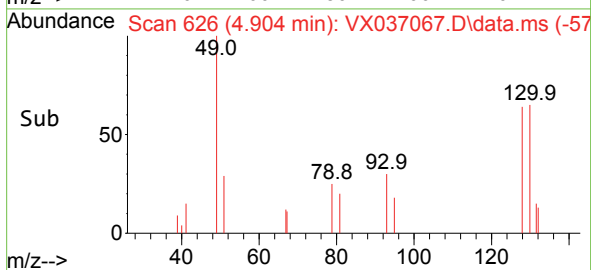
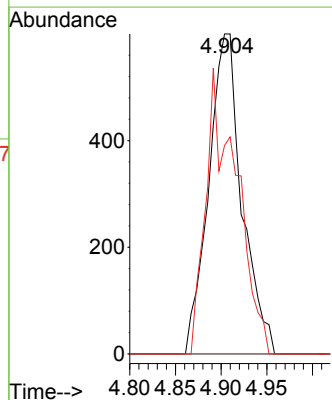
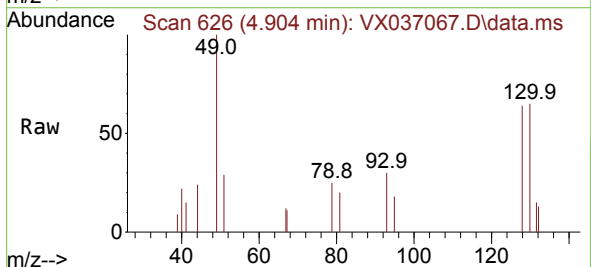
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

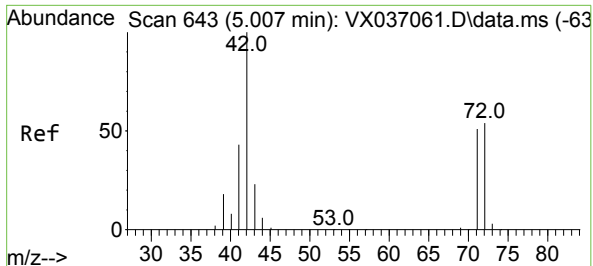
Tgt Ion: 96	Resp: 2220		
Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	312.2
98	61.4	0.0	129.0



#28
 Bromochloromethane
 Concen: 1.024 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

Tgt Ion: 49	Resp: 1518
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 83.1	57.5 86.3





#29

Tetrahydrofuran

Concen: 5.126 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

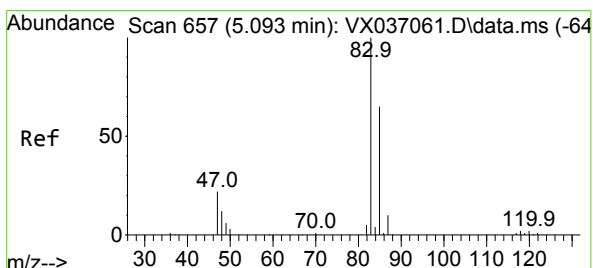
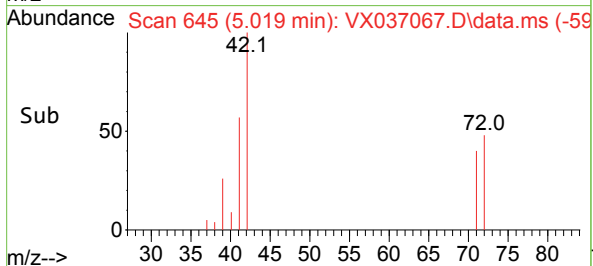
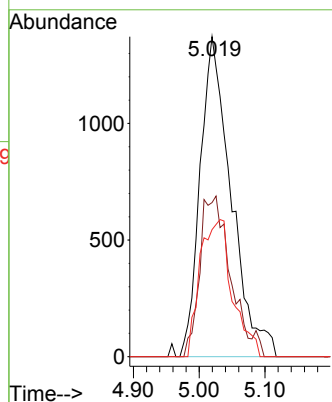
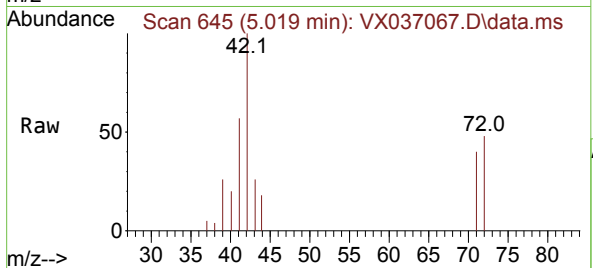
Tgt Ion: 42 Resp: 4495

Ion Ratio Lower Upper

42 100

72 50.4 34.2 51.4

71 44.5 32.2 48.2



#30

Chloroform

Concen: 1.022 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX037067.D

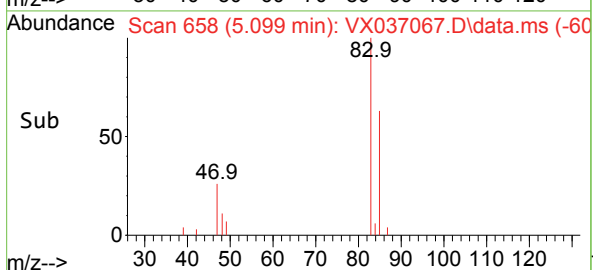
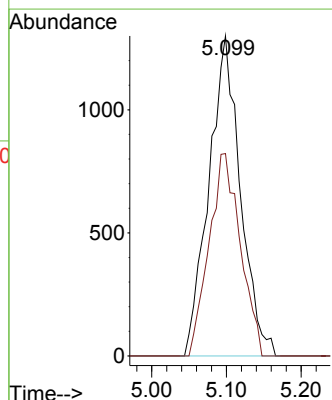
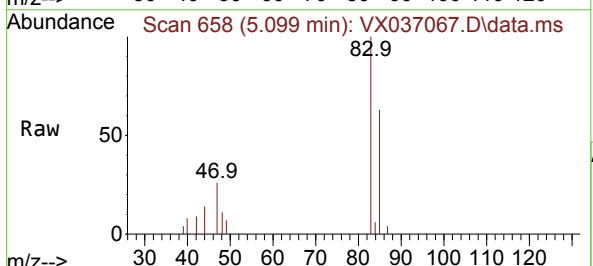
Acq: 17 Aug 2023 18:29

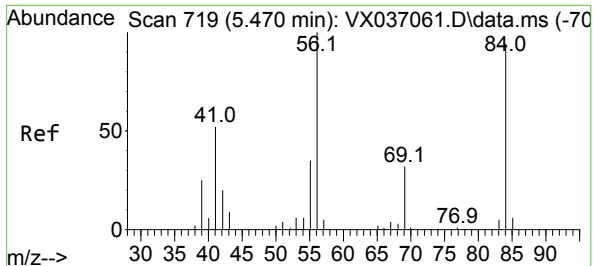
Tgt Ion: 83 Resp: 3807

Ion Ratio Lower Upper

83 100

85 63.2 50.3 75.5

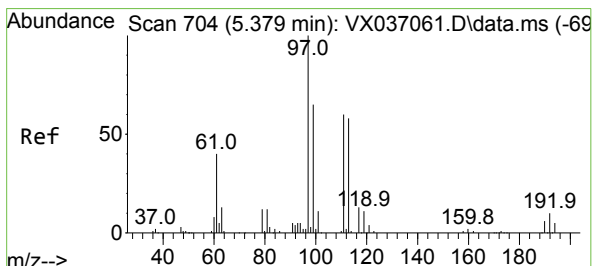
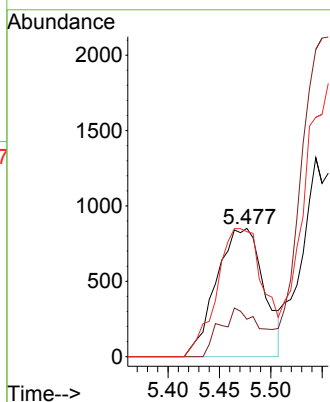
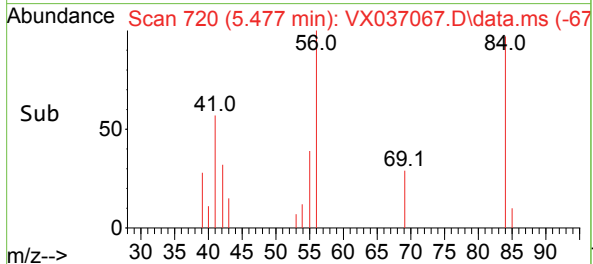
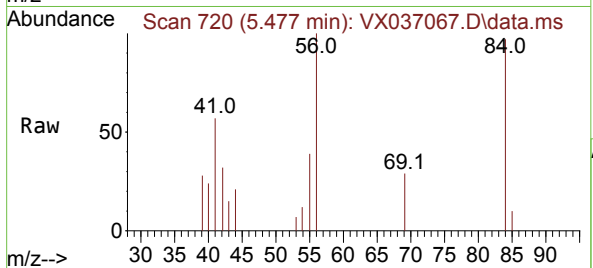




#31
Cyclohexane
Concen: 1.037 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

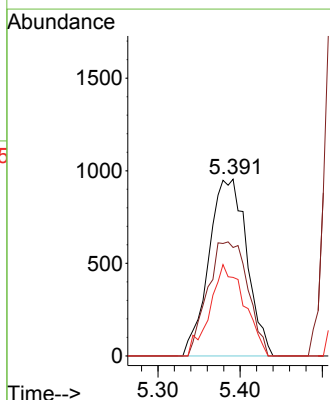
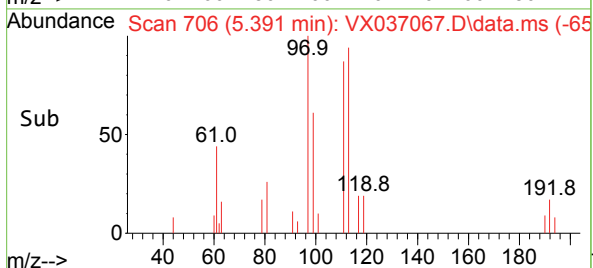
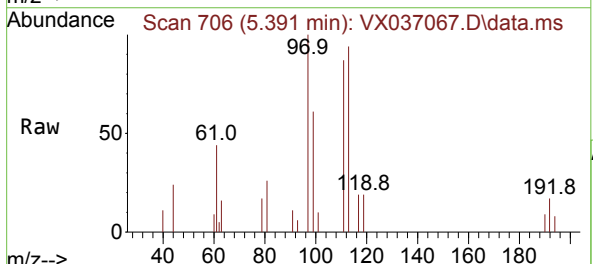
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

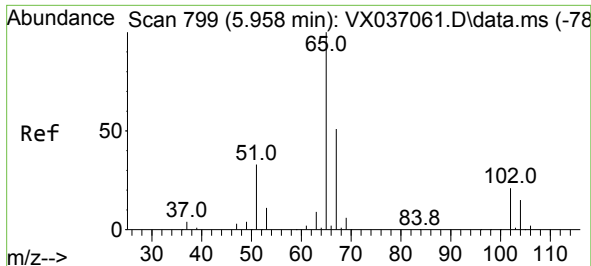
Tgt Ion:	56	Resp:	2723
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.4	35.2
84	97.4	65.9	98.9



#32
1,1,1-Trichloroethane
Concen: 0.918 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion:	97	Resp:	3064
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	46.7	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 1.692 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

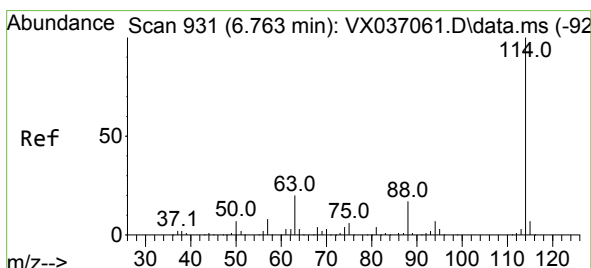
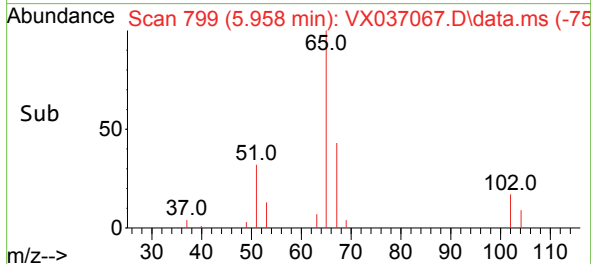
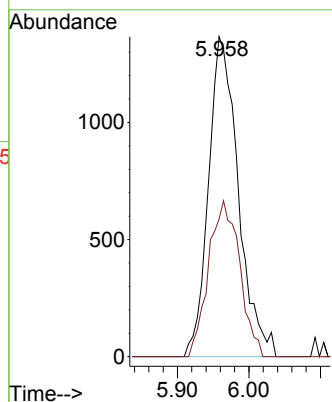
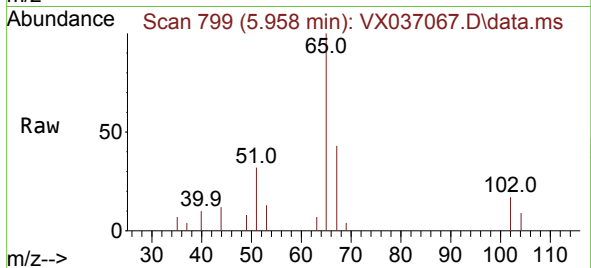
VSTDIC001

Tgt Ion: 65 Resp: 3950

Ion Ratio Lower Upper

65 100

67 50.7 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: VX037067.D

Acq: 17 Aug 2023 18:29

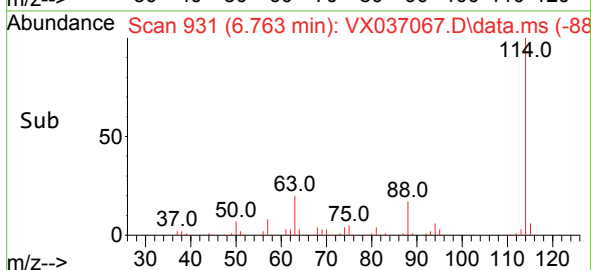
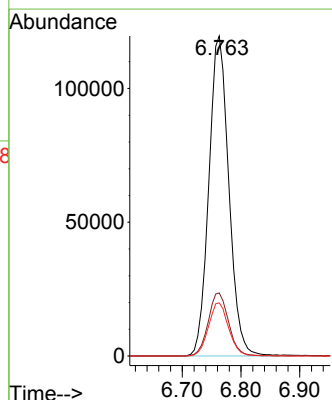
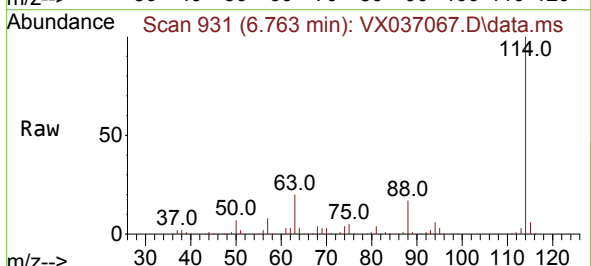
Tgt Ion: 114 Resp: 282854

Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 16.6 0.0 36.6

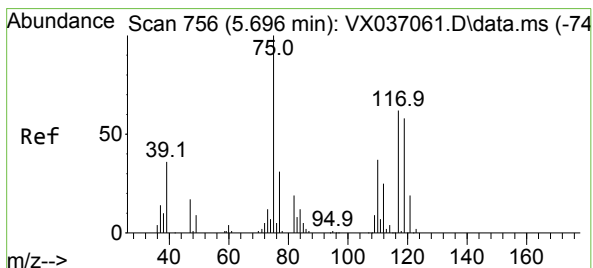
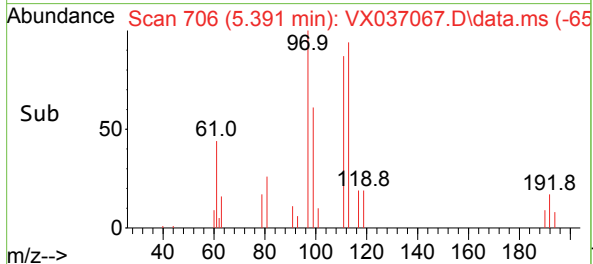
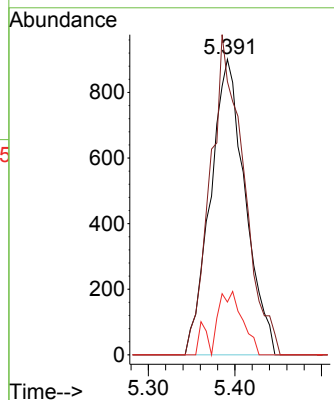
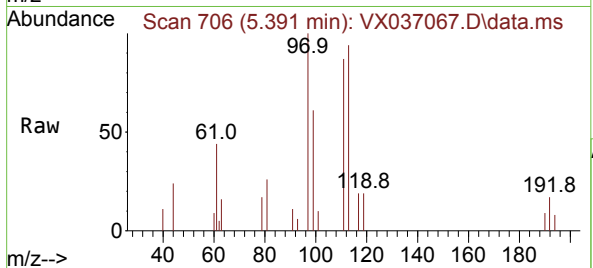




#35
Dibromofluoromethane
Concen: 1.342 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

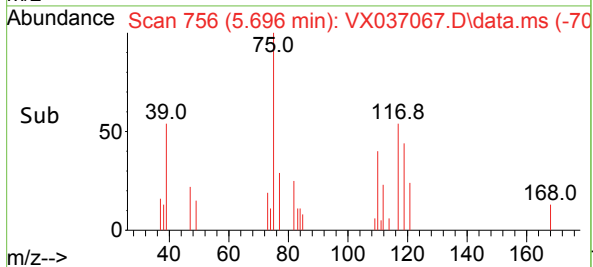
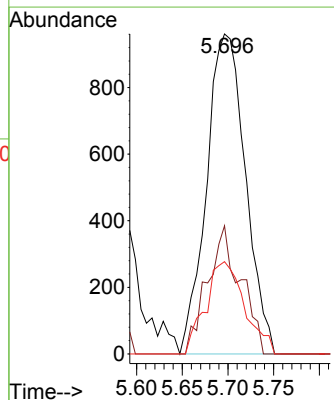
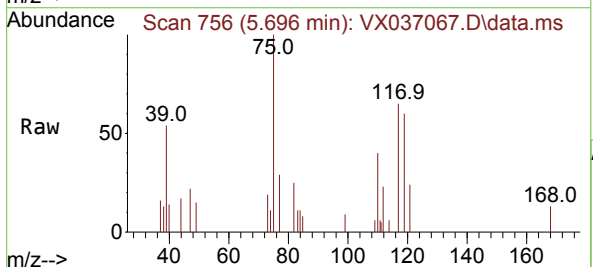
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

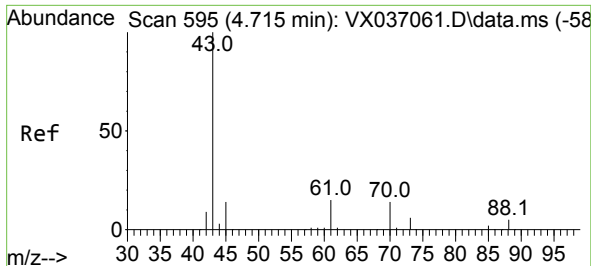
Tgt Ion:113 Resp: 2514
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 14.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 1.070 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 75 Resp: 2849
Ion Ratio Lower Upper
75 100
110 34.2 17.0 50.9
77 29.0 24.7 37.1





#37

Ethyl Acetate

Concen: 0.795 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

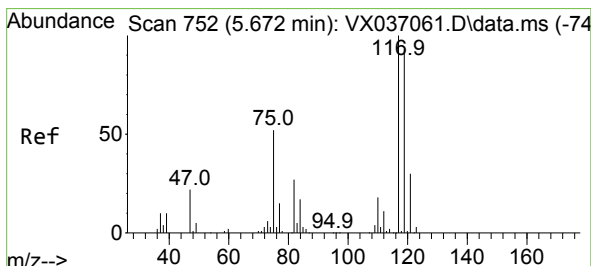
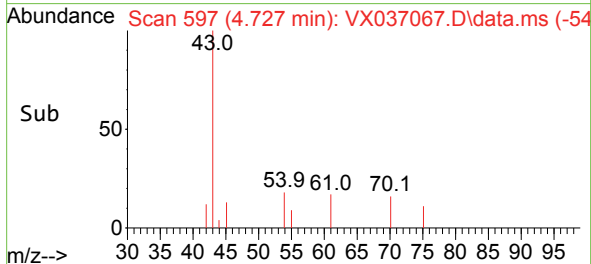
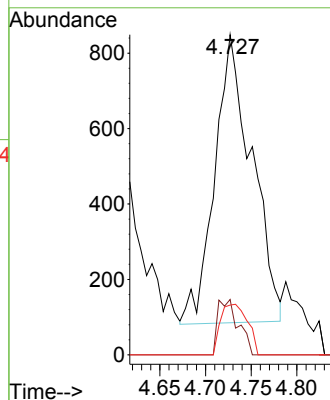
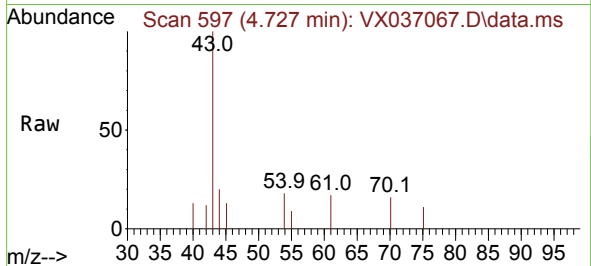
Tgt Ion: 43 Resp: 2160

Ion Ratio Lower Upper

43 100

61 10.6 10.6 16.0

70 12.7 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 0.983 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

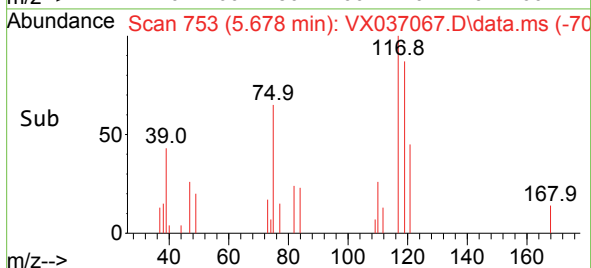
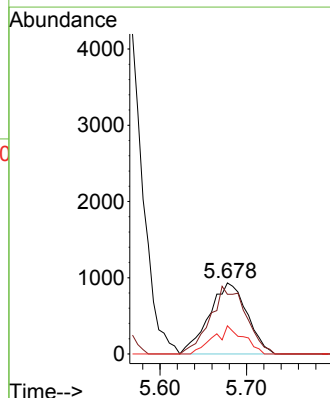
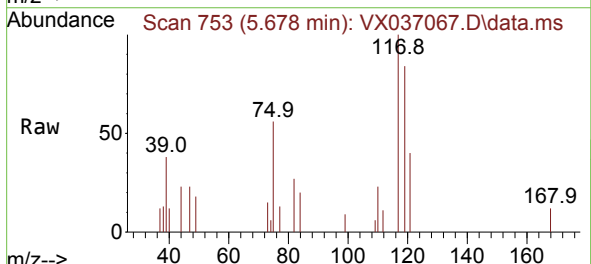
Tgt Ion: 117 Resp: 2841

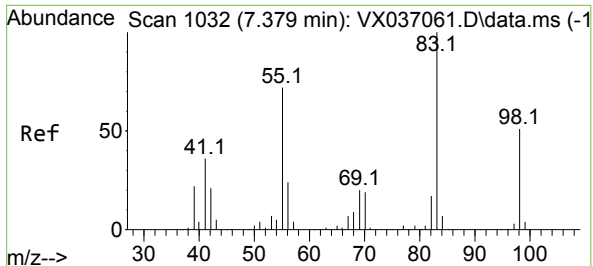
Ion Ratio Lower Upper

117 100

119 83.8 78.2 117.2

121 39.5 24.4 36.6#





#39

Methylcyclohexane

Concen: 1.067 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

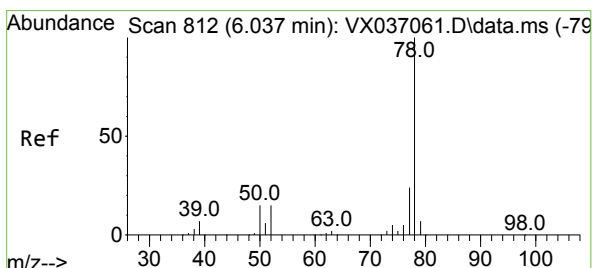
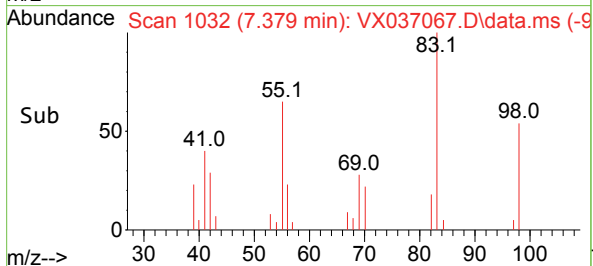
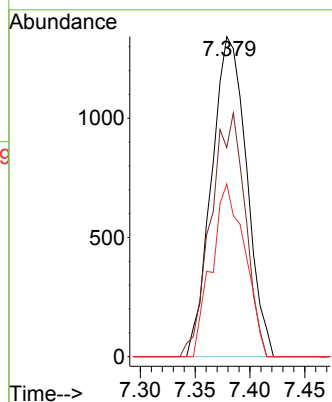
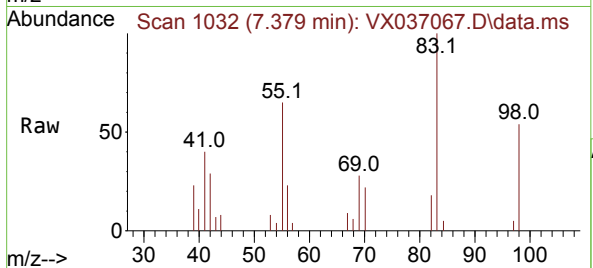
Tgt Ion: 83 Resp: 2984

Ion Ratio Lower Upper

83 100

55 65.4 64.6 97.0

98 54.0 36.7 55.1



#40

Benzene

Concen: 0.977 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037067.D

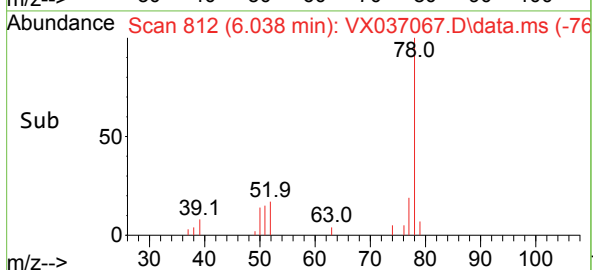
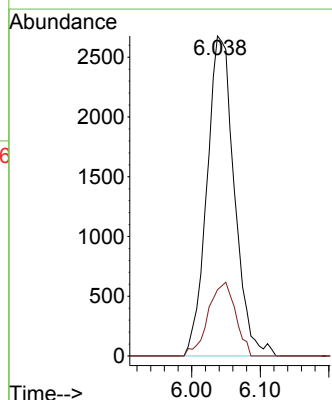
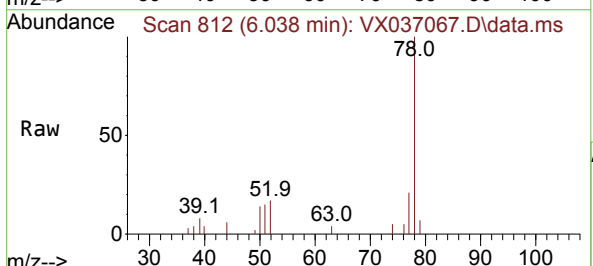
Acq: 17 Aug 2023 18:29

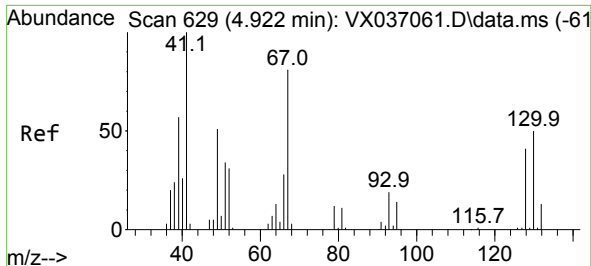
Tgt Ion: 78 Resp: 7454

Ion Ratio Lower Upper

78 100

77 20.7 19.3 28.9

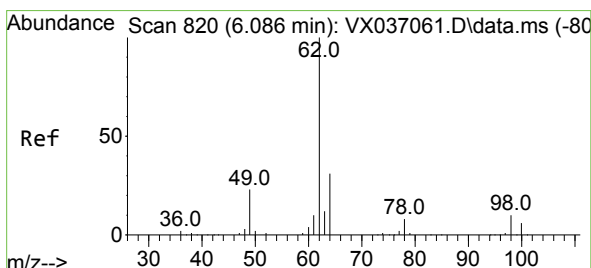
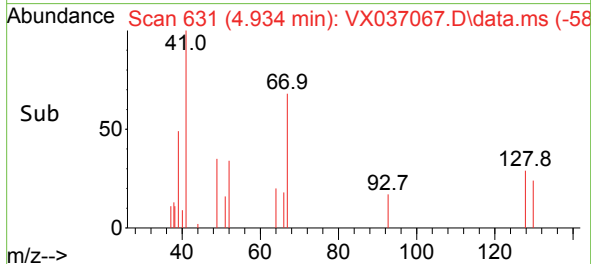
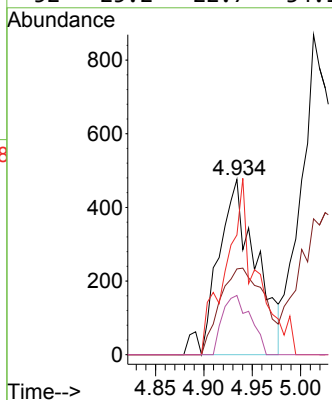
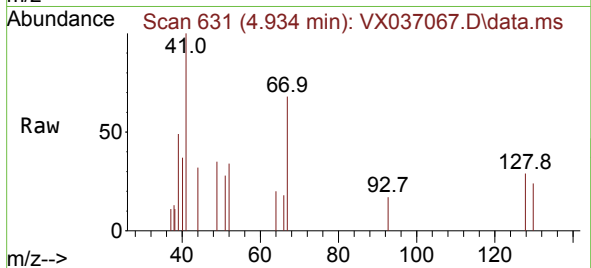




#41
Methacrylonitrile
Concen: 0.914 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

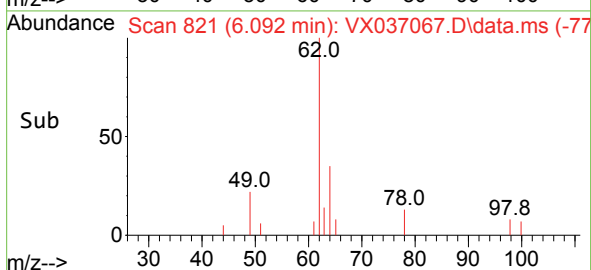
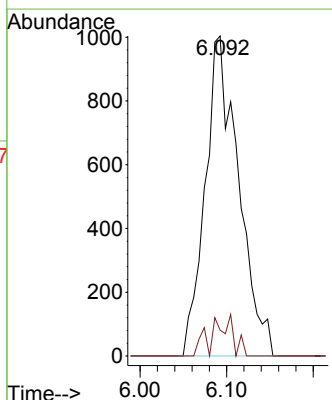
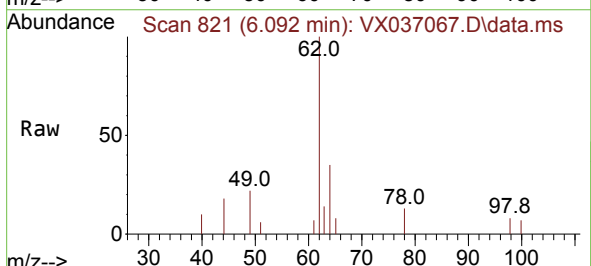
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

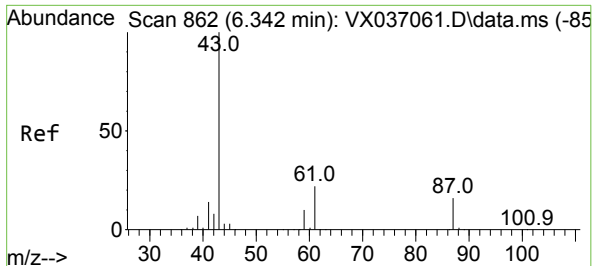
Tgt Ion:	41	Resp:	1292
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.2	67.8
67	82.8	52.6	78.8#
52	25.2	22.7	34.1



#42
1,2-Dichloroethane
Concen: 0.897 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion:	62	Resp:	2685
Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	16.0

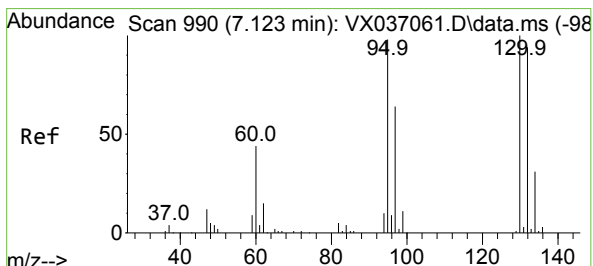
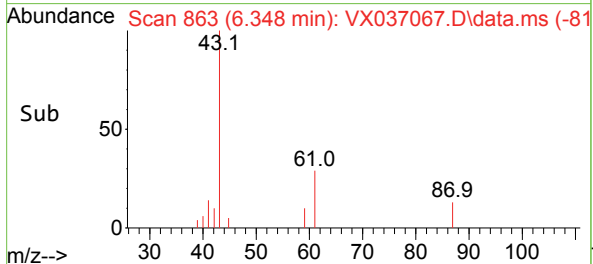
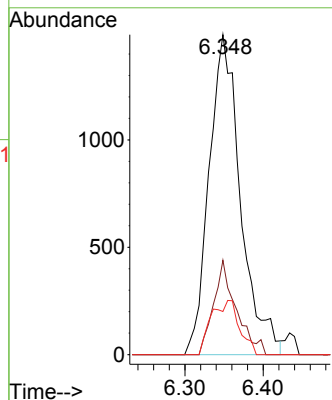
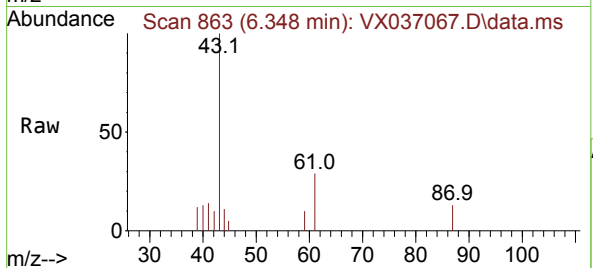




#43
Isopropyl Acetate
Concen: 0.963 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

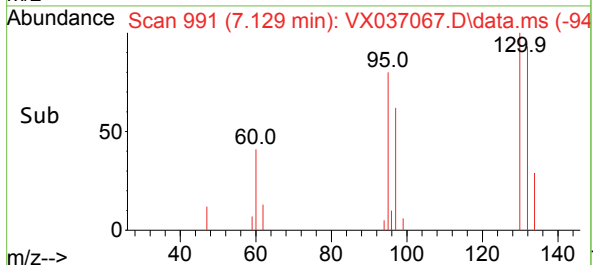
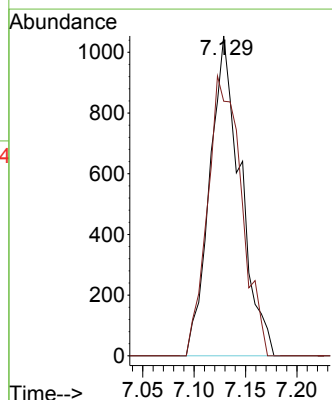
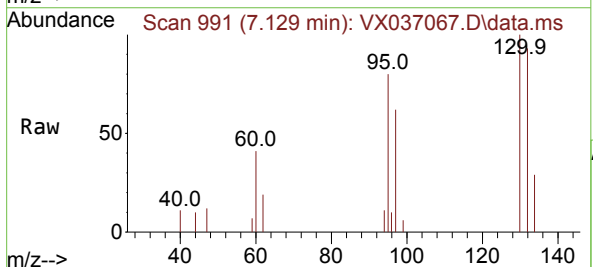
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 4157
Ion Ratio Lower Upper
43 100
61 21.3 15.2 22.8
87 15.2 9.8 14.6#



#44
Trichloroethene
Concen: 1.013 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion:130 Resp: 2193
Ion Ratio Lower Upper
130 100
95 79.6 0.0 204.4

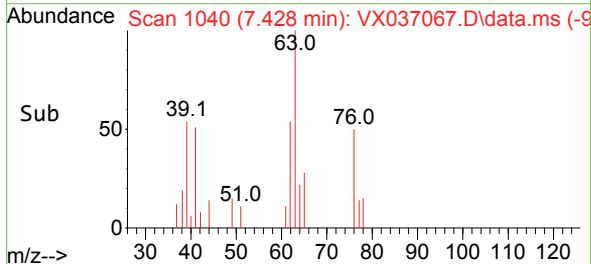
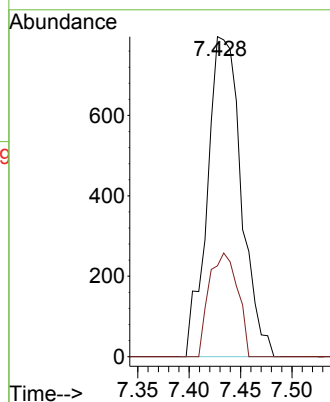
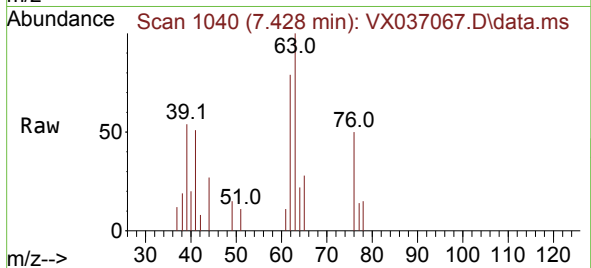




#45
1,2-Dichloropropane
Concen: 0.972 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

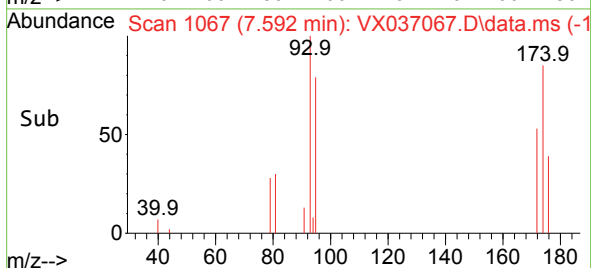
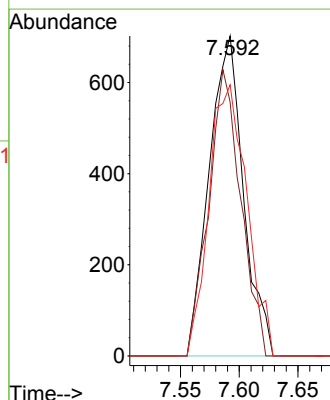
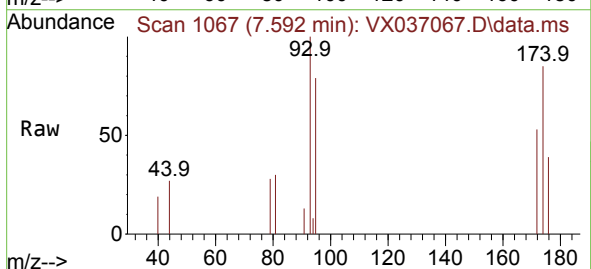
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 1829
Ion Ratio Lower Upper
63 100
65 28.4 24.3 36.5



#46
Dibromomethane
Concen: 0.960 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 93 Resp: 1424
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 93.6 69.4 104.0

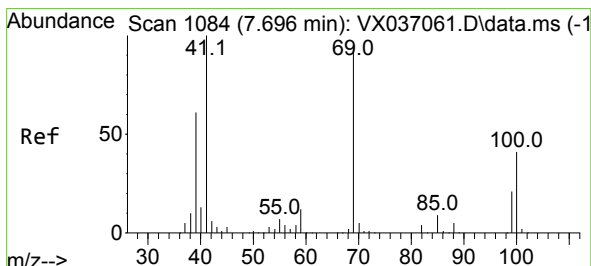
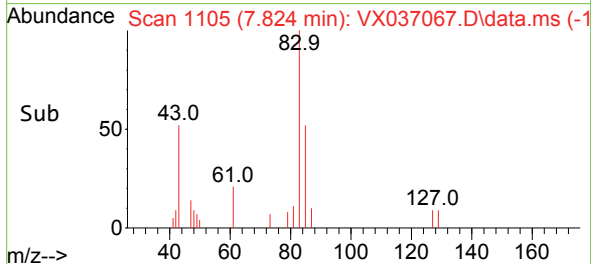
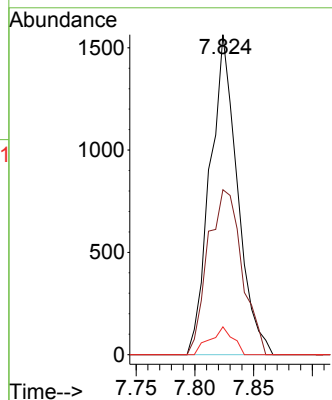
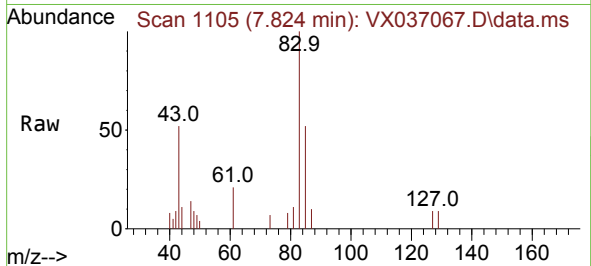




#47
Bromodichloromethane
Concen: 0.894 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

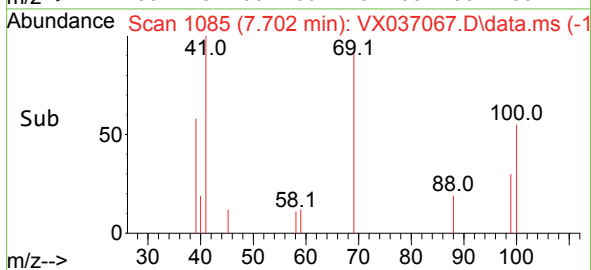
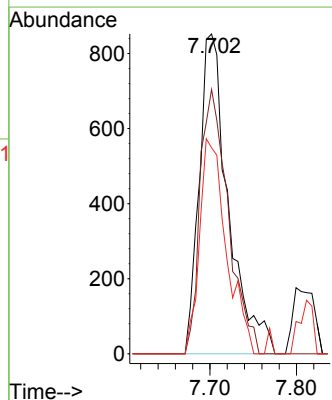
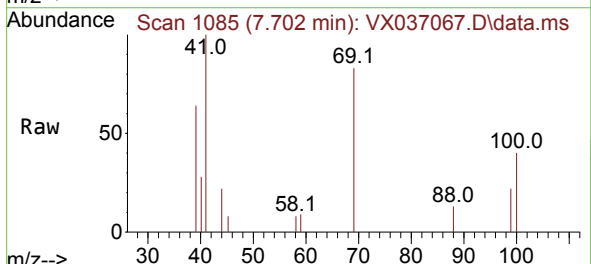
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

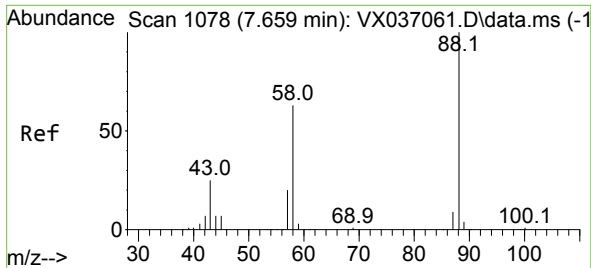
Tgt Ion: 83	Resp:	2539
Ion	Ratio	Lower Upper
83	100	
85	51.5	49.8 74.6
127	8.7	7.1 10.7



#48
Methyl methacrylate
Concen: 0.946 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 41	Resp:	1991
Ion	Ratio	Lower Upper
41	100	
69	80.0	59.2 88.8
39	62.0	47.7 71.5

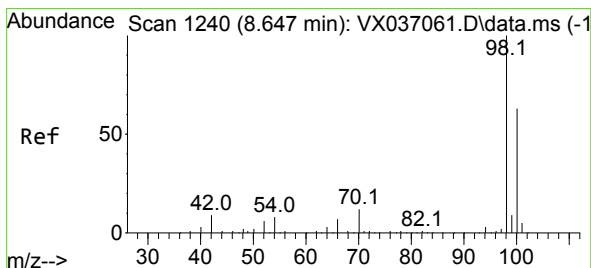
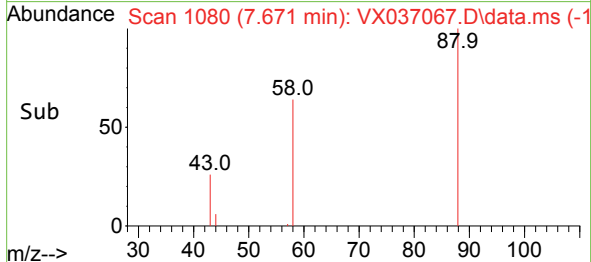
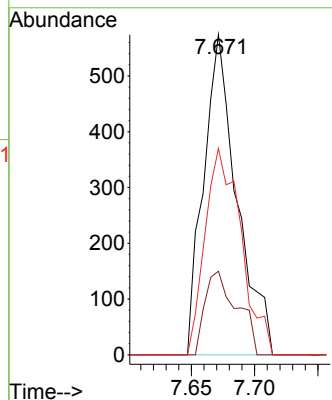
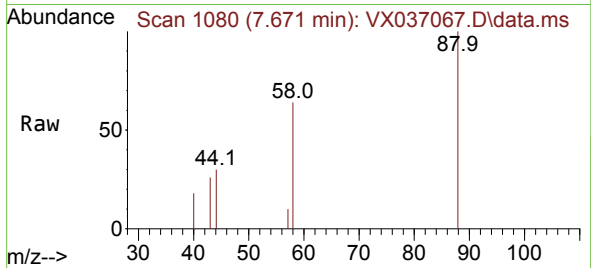




#49
1,4-Dioxane
Concen: 18.522 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

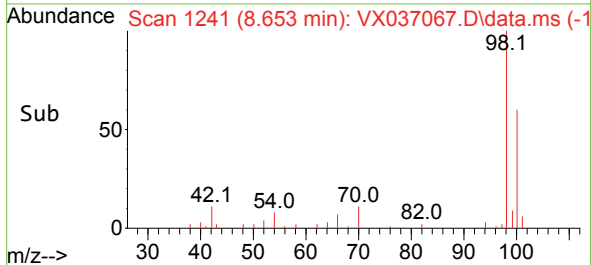
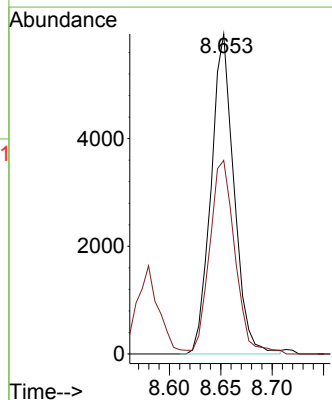
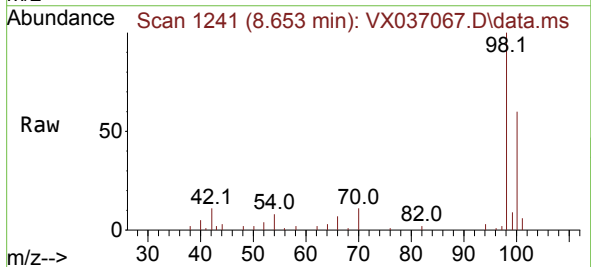
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 88 Resp: 1050
Ion Ratio Lower Upper
88 100
43 25.1 0.0 0.0#
58 69.6 60.1 90.1



#50
Toluene-d8
Concen: 1.359 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 98 Resp: 9233
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

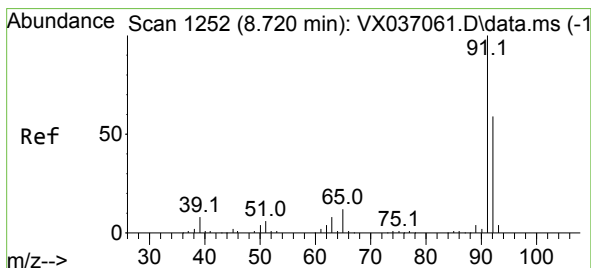
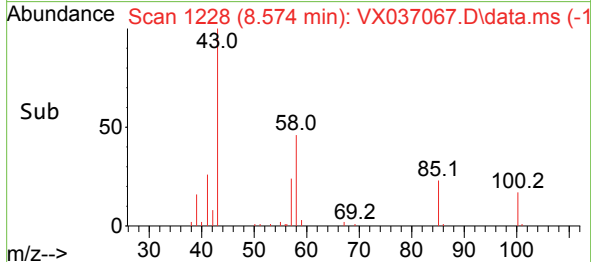
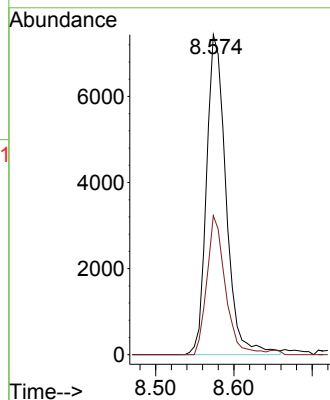
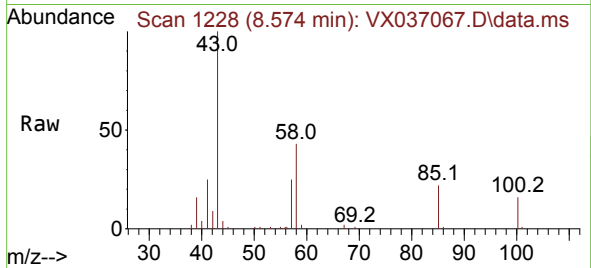




#51
4-Methyl-2-Pentanone
Concen: 4.898 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

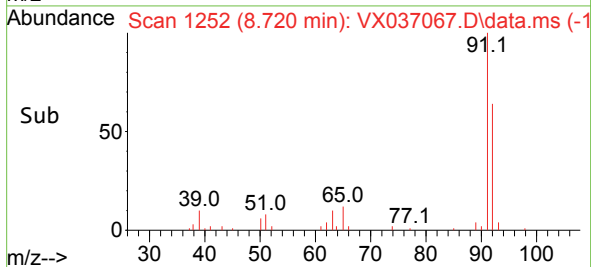
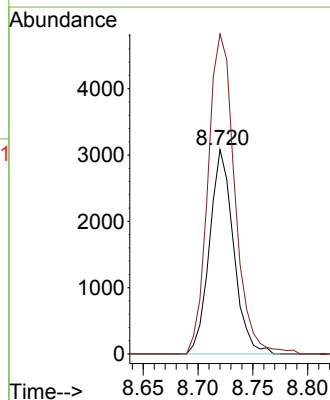
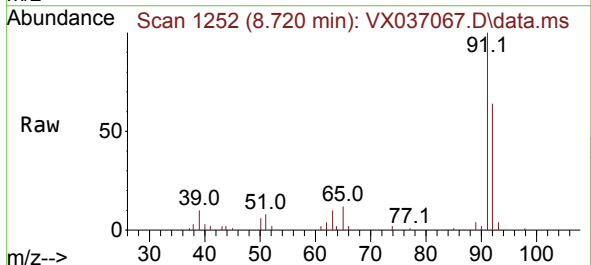
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 12837
Ion Ratio Lower Upper
43 100
58 41.2 30.4 45.6



#52
Toluene
Concen: 0.932 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 92 Resp: 4698
Ion Ratio Lower Upper
92 100
91 174.4 134.2 201.2

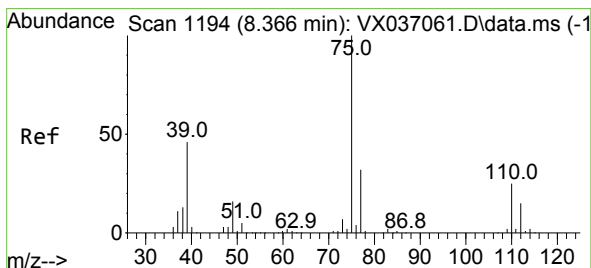
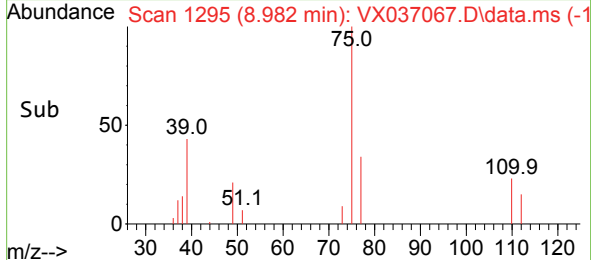
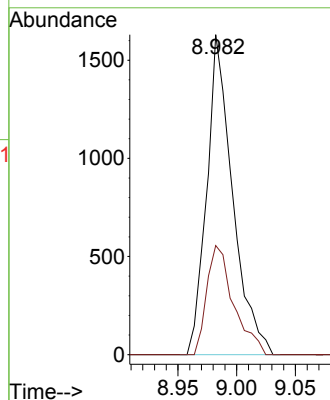
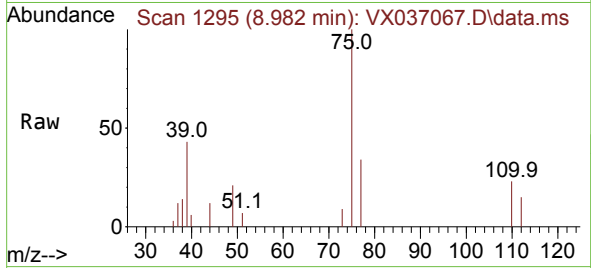




#53
 t-1,3-Dichloropropene
 Concen: 0.826 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.006 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

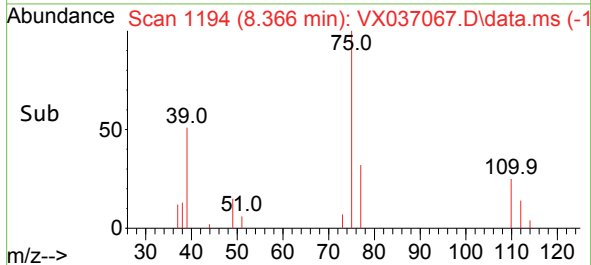
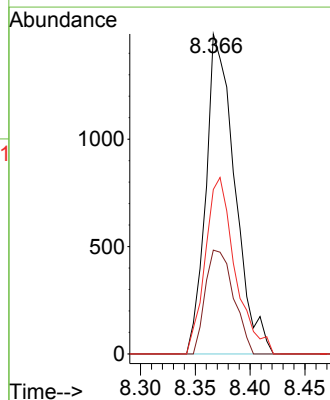
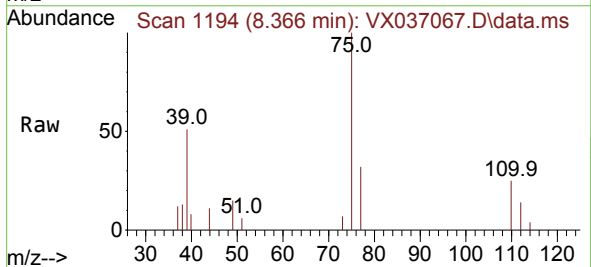
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

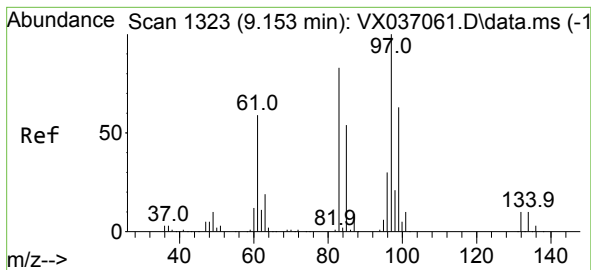
Tgt Ion: 75 Resp: 2497
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 0.838 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

Tgt Ion: 75 Resp: 2737
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9
 39 51.4 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.982 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 2017

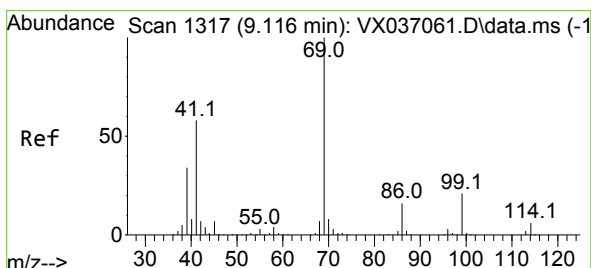
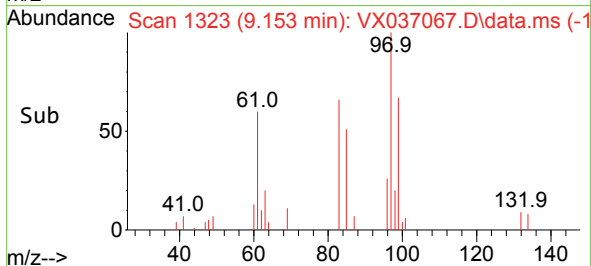
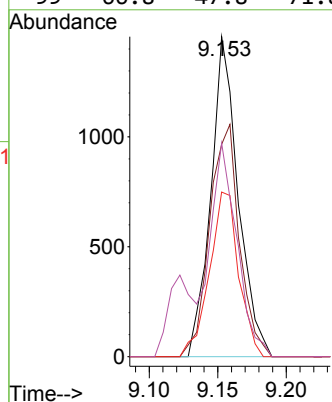
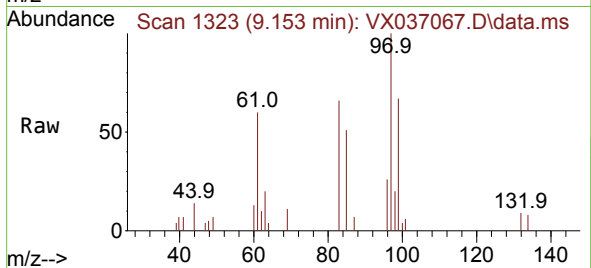
Ion Ratio Lower Upper

97 100

83 66.3 65.8 98.8

85 51.4 41.6 62.4

99 66.8 47.8 71.8



#56

Ethyl methacrylate

Concen: 0.856 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

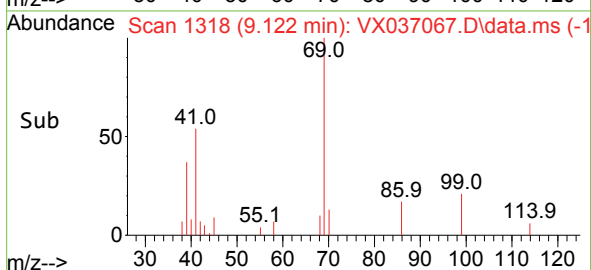
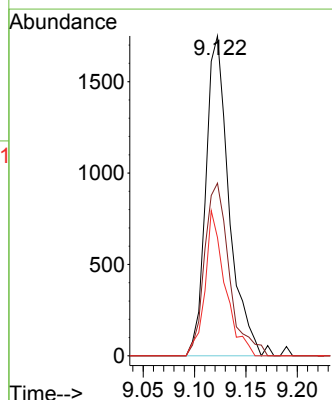
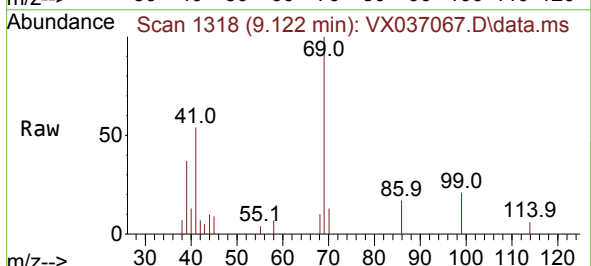
Tgt Ion: 69 Resp: 2755

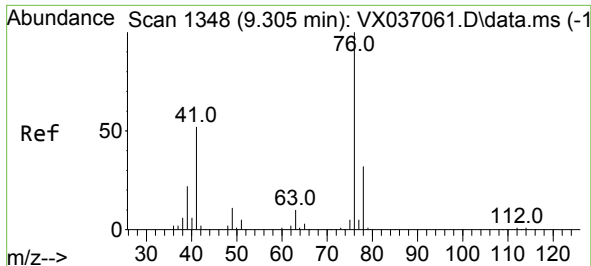
Ion Ratio Lower Upper

69 100

41 57.3 56.8 85.2

39 39.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 0.943 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

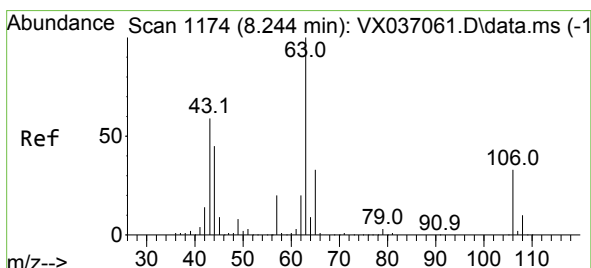
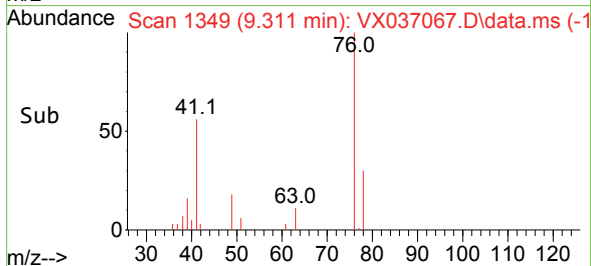
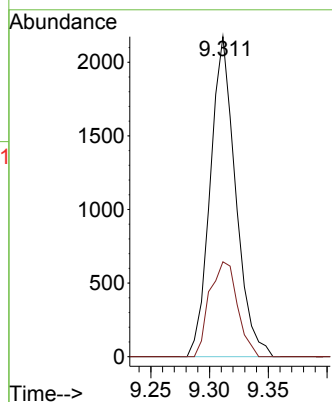
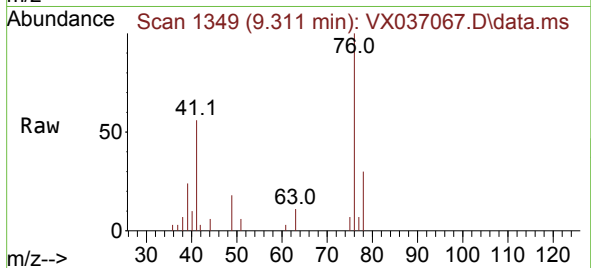
VSTDIC001

Tgt Ion: 76 Resp: 3264

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 5.515 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX037067.D

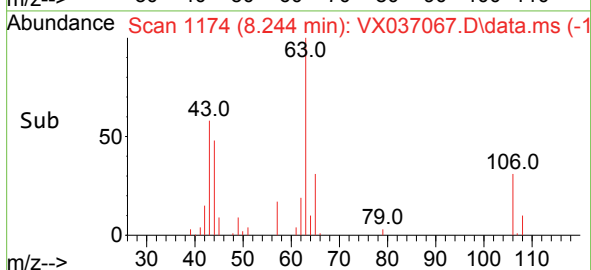
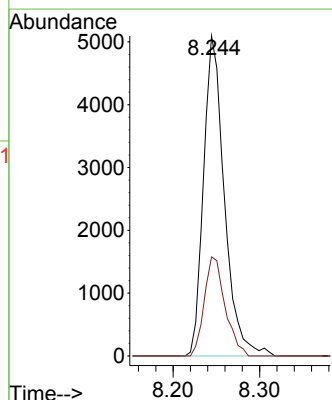
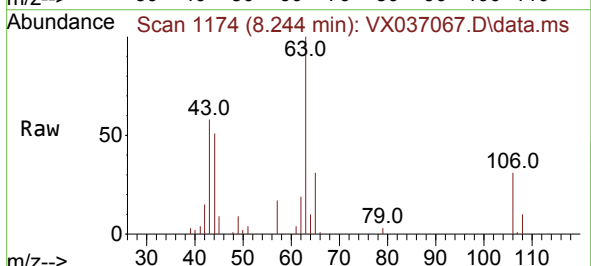
Acq: 17 Aug 2023 18:29

Tgt Ion: 63 Resp: 8513

Ion Ratio Lower Upper

63 100

106 30.9 22.5 33.7





#59

2-Hexanone

Concen: 4.674 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

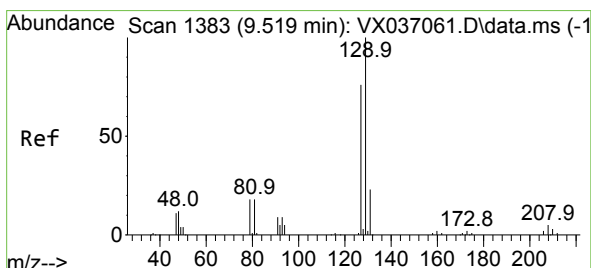
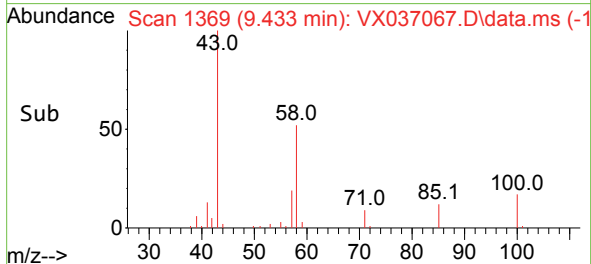
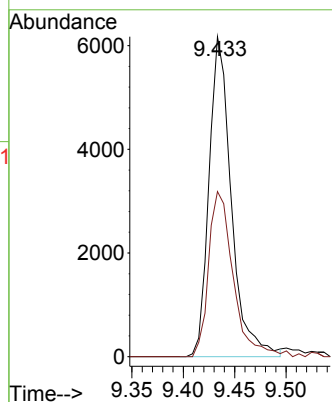
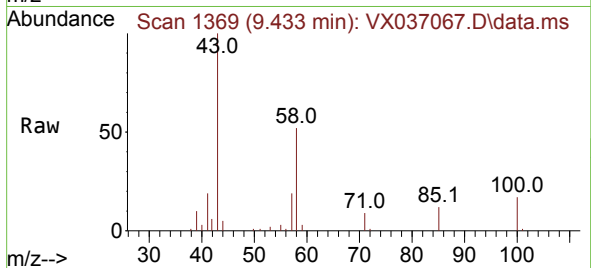
VSTDIC001

Tgt Ion: 43 Resp: 9341

Ion Ratio Lower Upper

43 100

58 57.2 26.2 78.5



#60

Dibromochloromethane

Concen: 0.857 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX037067.D

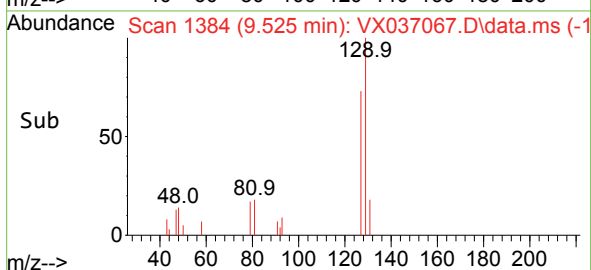
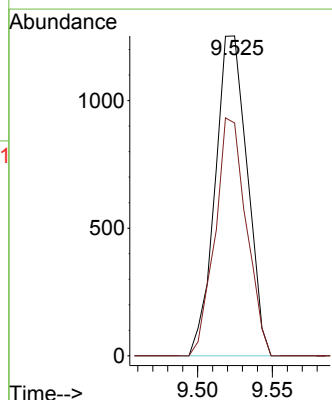
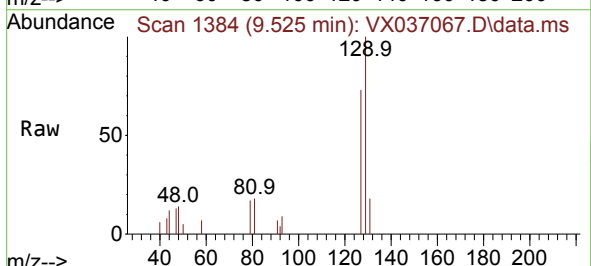
Acq: 17 Aug 2023 18:29

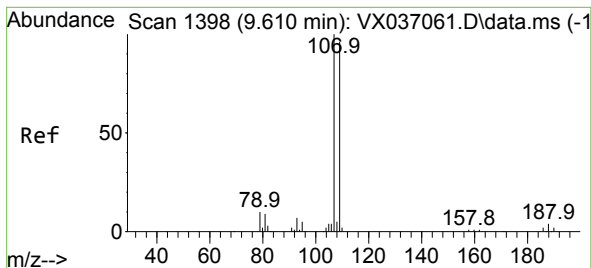
Tgt Ion: 129 Resp: 1873

Ion Ratio Lower Upper

129 100

127 72.5 38.8 116.4

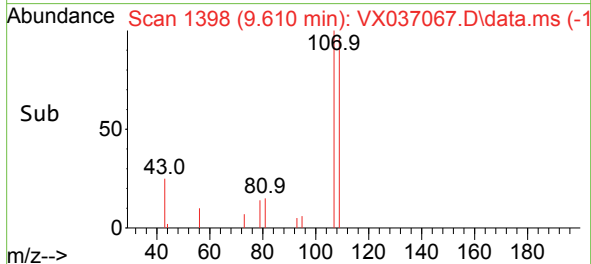
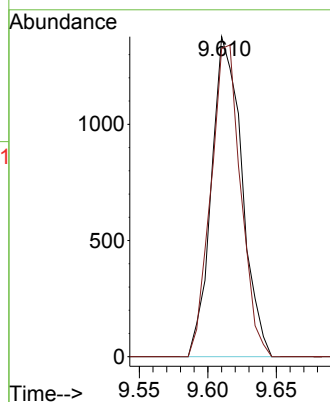
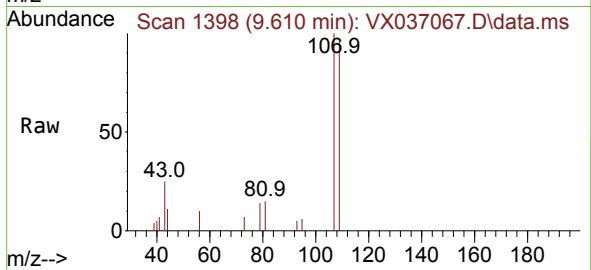




#61
1,2-Dibromoethane
Concen: 0.947 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

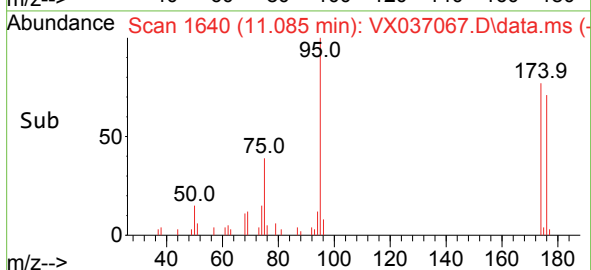
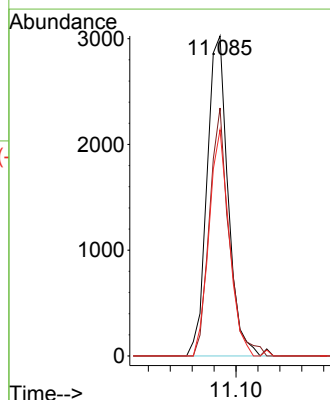
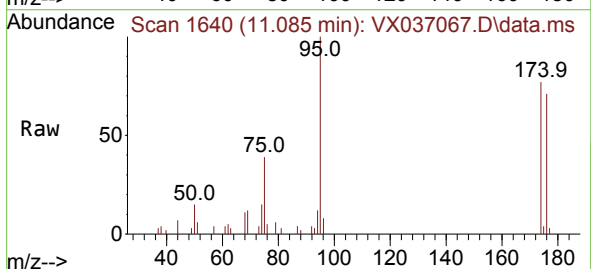
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

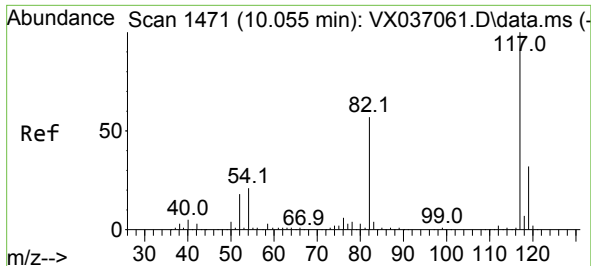
Tgt Ion:107 Resp: 2130
Ion Ratio Lower Upper
107 100
109 95.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 1.513 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 95 Resp: 4040
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 67.5 0.0 131.0

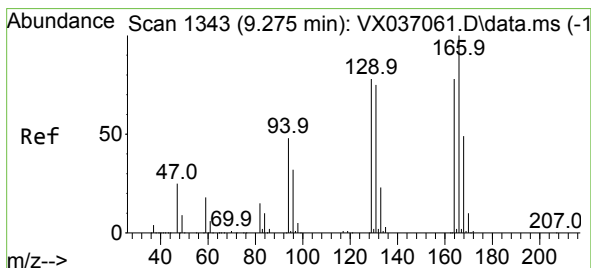
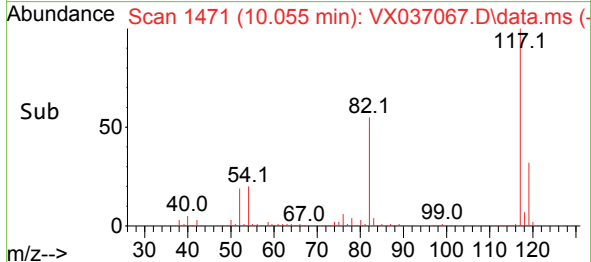
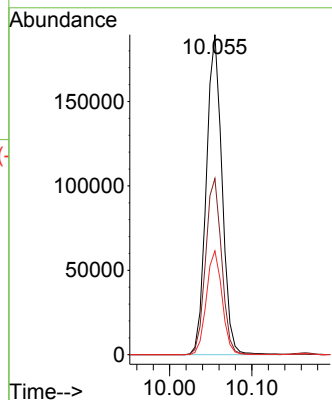
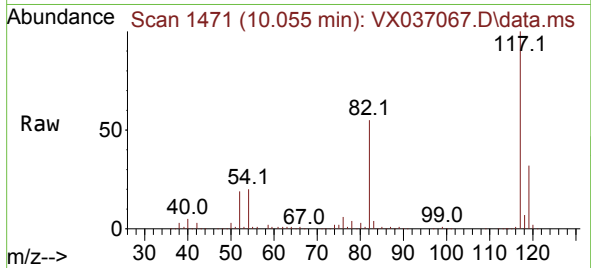




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

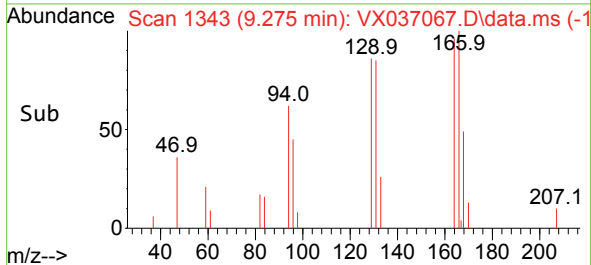
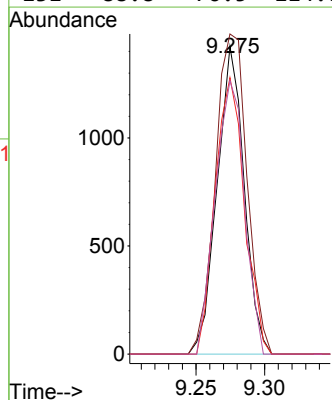
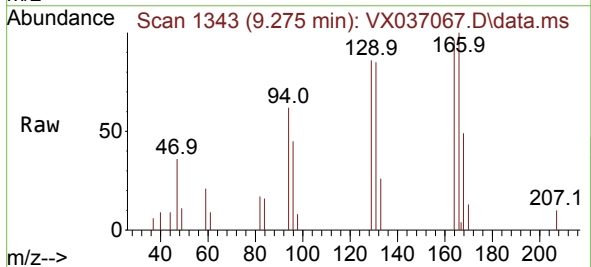
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

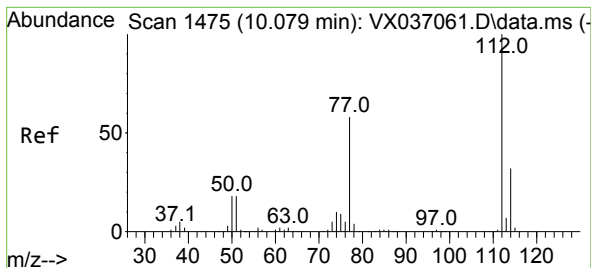
Tgt Ion:117 Resp: 252133
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 1.062 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion:164 Resp: 1953
Ion Ratio Lower Upper
164 100
166 104.1 102.7 154.1
129 89.9 80.4 120.6
131 88.8 76.5 114.7

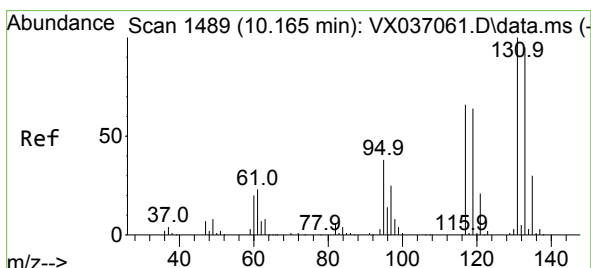
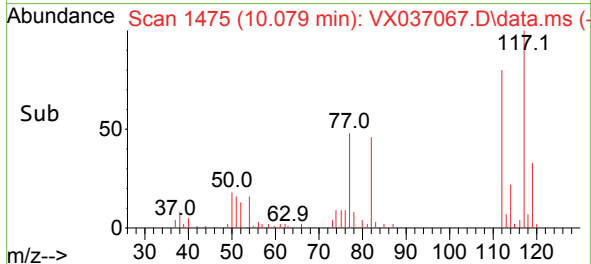
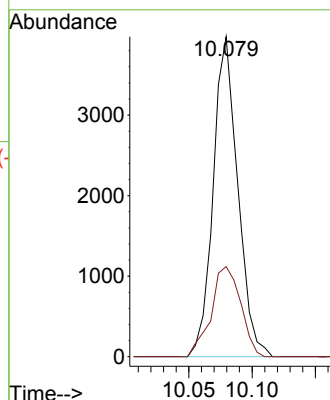
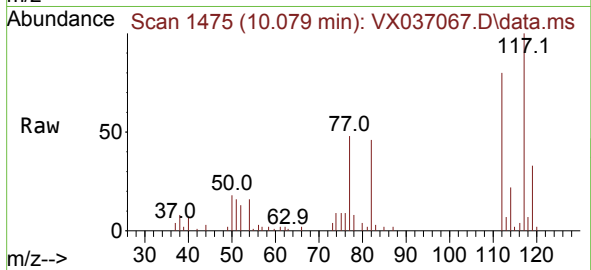




#65
Chlorobenzene
Concen: 1.006 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

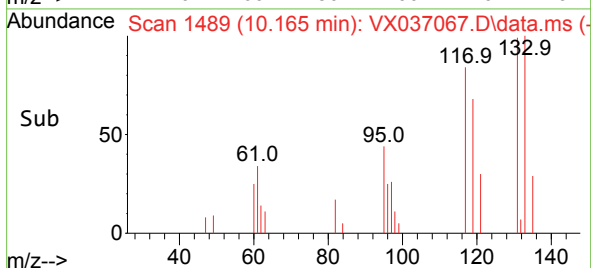
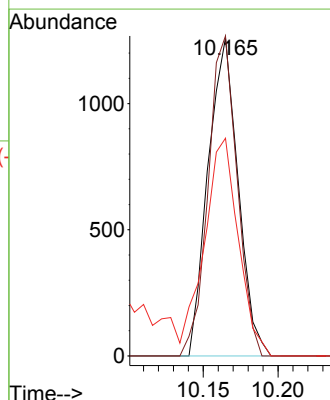
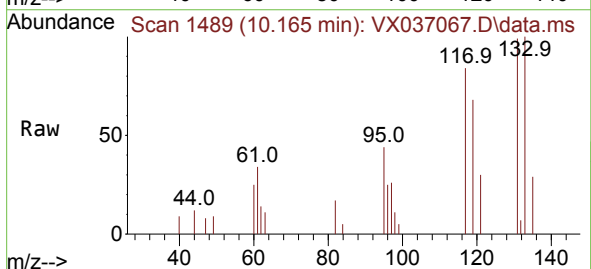
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

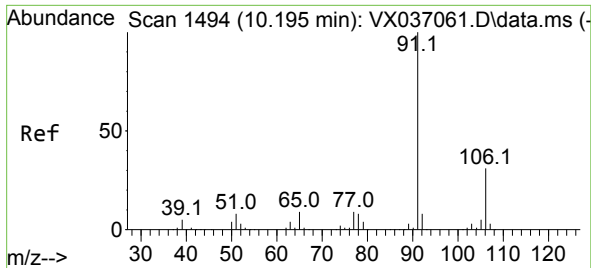
Tgt Ion:112 Resp: 5362
Ion Ratio Lower Upper
112 100
114 28.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.893 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion:131 Resp: 1757
Ion Ratio Lower Upper
131 100
133 97.0 47.1 141.4
119 0.0 32.2 96.6#

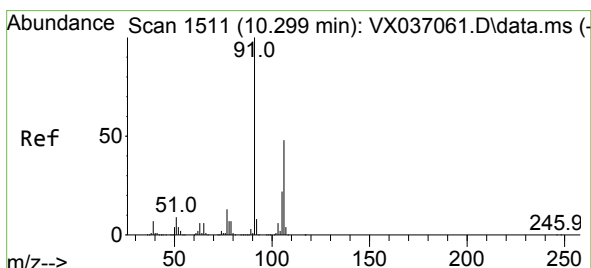
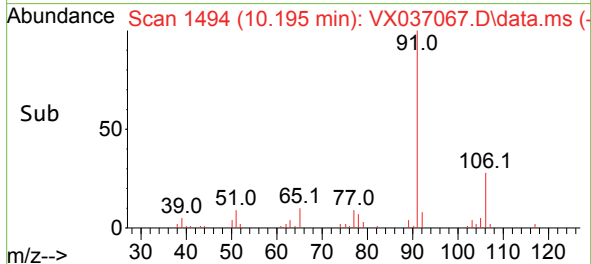
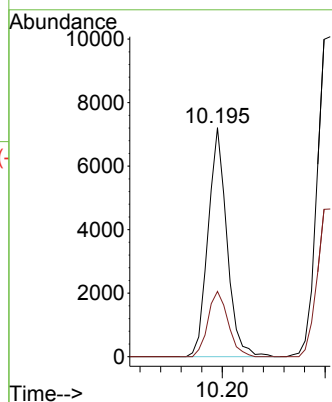
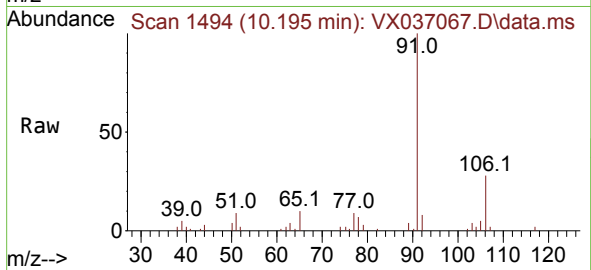




#67
Ethyl Benzene
Concen: 0.977 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

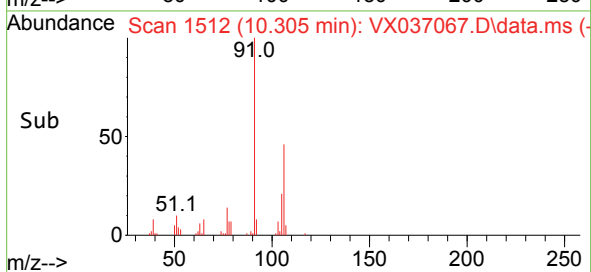
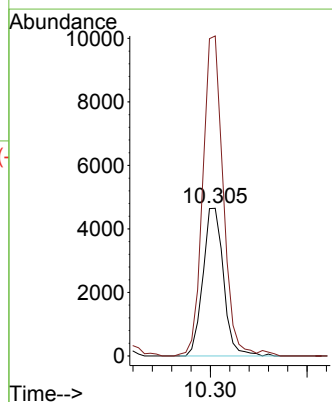
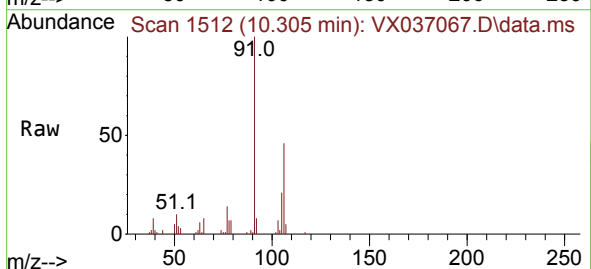
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

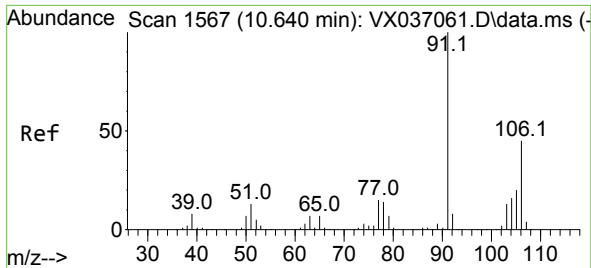
Tgt Ion: 91 Resp: 9160
Ion Ratio Lower Upper
91 100
106 28.5 24.9 37.3



#68
m/p-Xylenes
Concen: 1.905 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 106 Resp: 6899
Ion Ratio Lower Upper
106 100
91 215.3 165.5 248.3

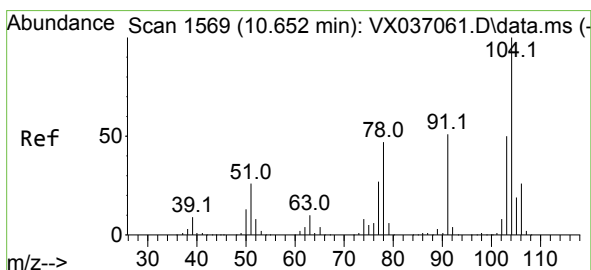
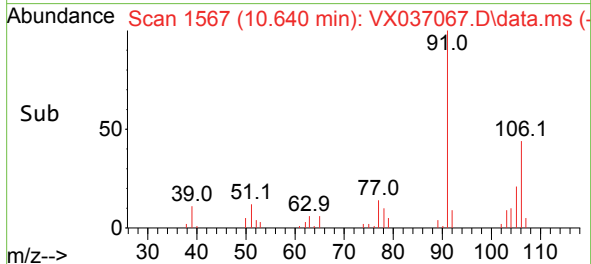
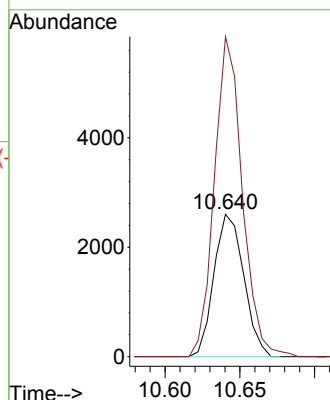
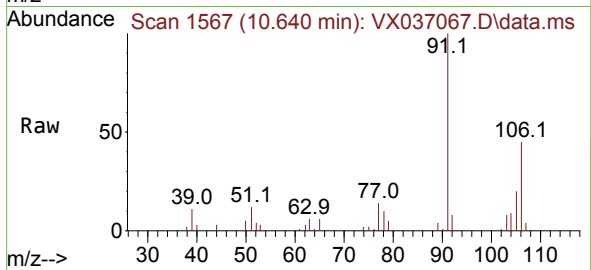




#69
o-Xylene
Concen: 1.007 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

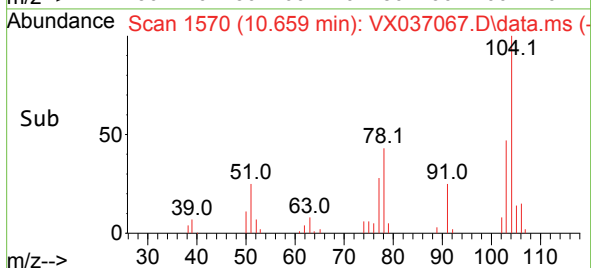
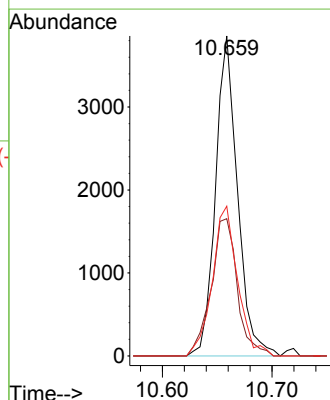
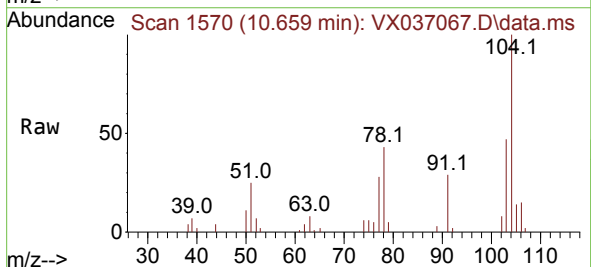
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

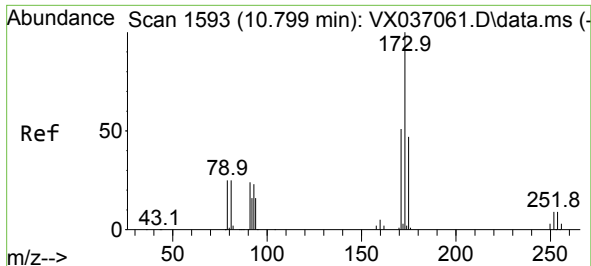
Tgt Ion:106 Resp: 3598
Ion Ratio Lower Upper
106 100
91 211.0 108.9 326.8



#70
Styrene
Concen: 0.912 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion:104 Resp: 5367
Ion Ratio Lower Upper
104 100
78 51.0 43.6 65.4
103 53.9 43.6 65.4

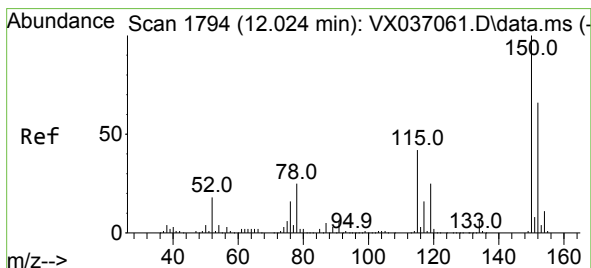
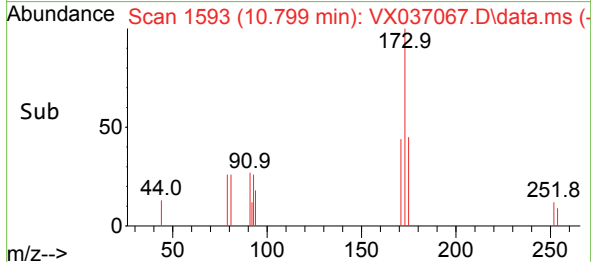
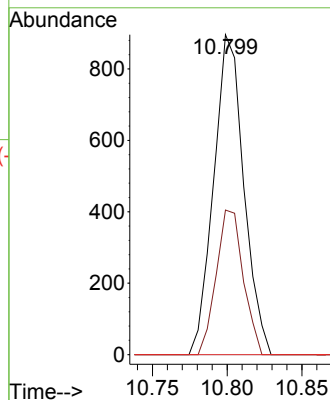
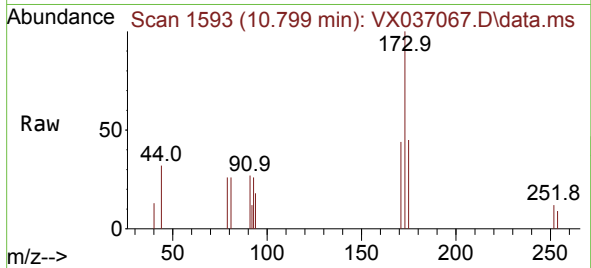




#71
Bromoform
Concen: 0.852 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

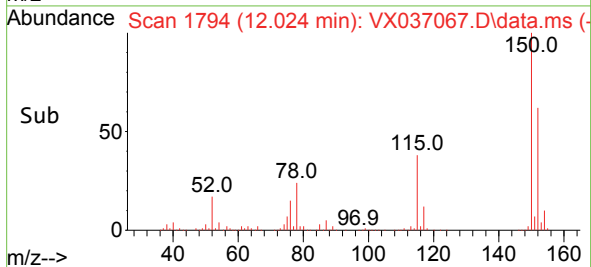
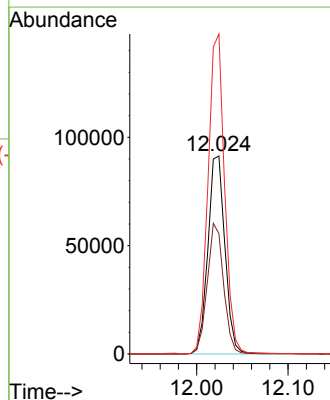
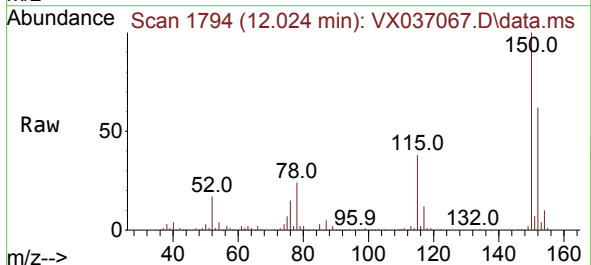
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:173 Resp: 1253
Ion Ratio Lower Upper
173 100
175 40.6 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: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion:152 Resp: 118107
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 157.3 0.0 345.0

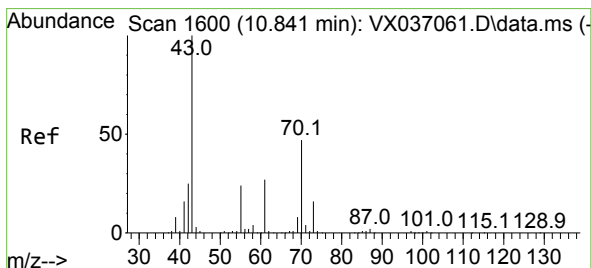
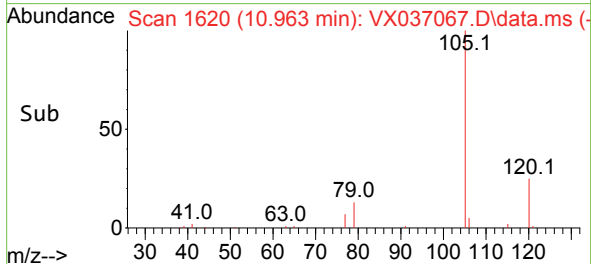
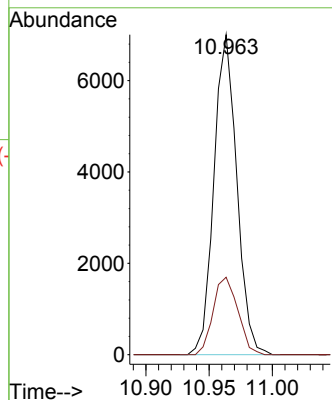
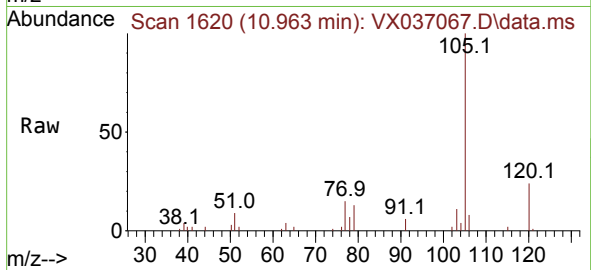




#73
Isopropylbenzene
Concen: 1.025 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

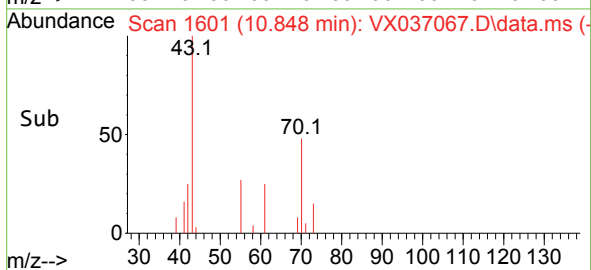
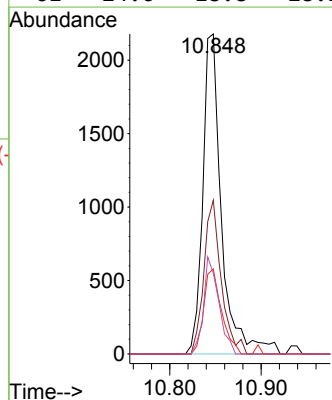
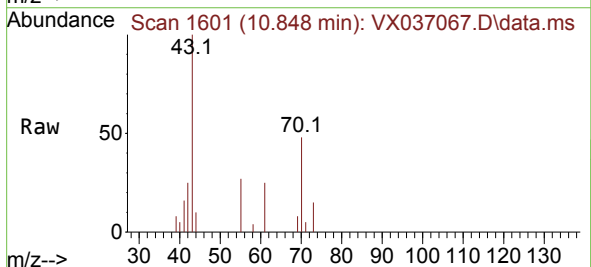
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

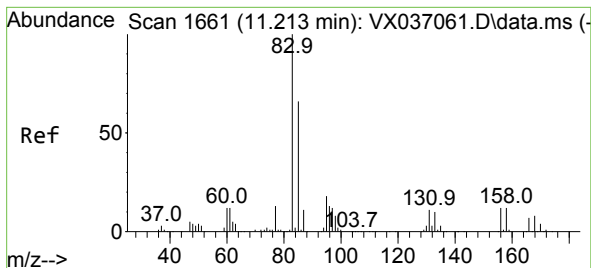
Tgt Ion:105 Resp: 8799
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6



#74
N-ethyl acetate
Concen: 0.928 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 43 Resp: 3096
Ion Ratio Lower Upper
43 100
70 44.6 32.9 49.3
55 25.3 19.3 28.9
61 24.6 18.8 28.2

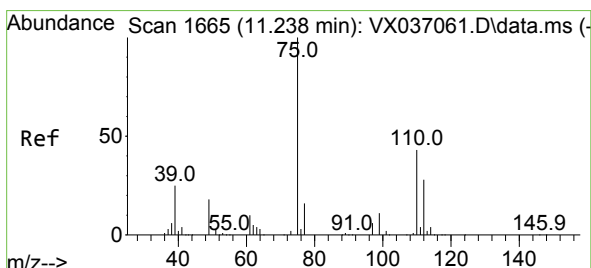
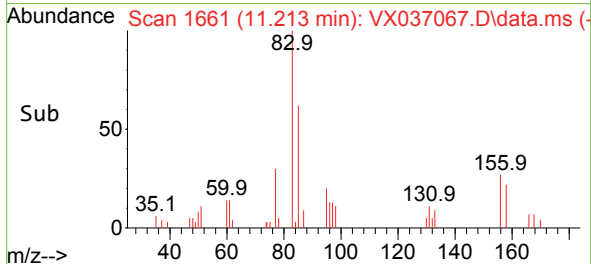
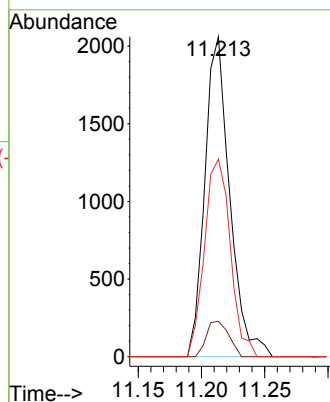
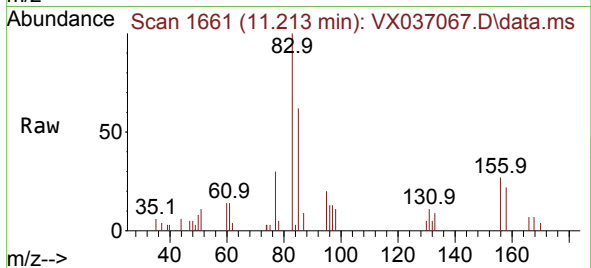




#75
1,1,2,2-Tetrachloroethane
Concen: 0.977 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

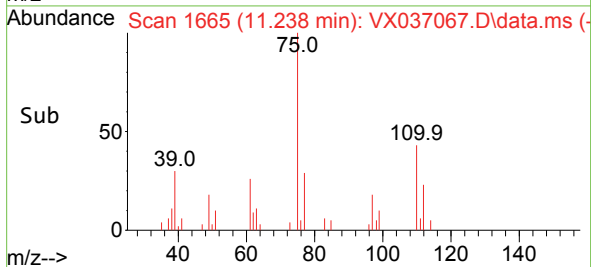
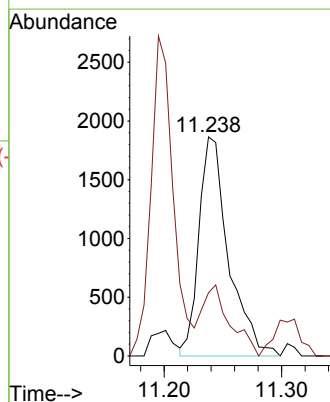
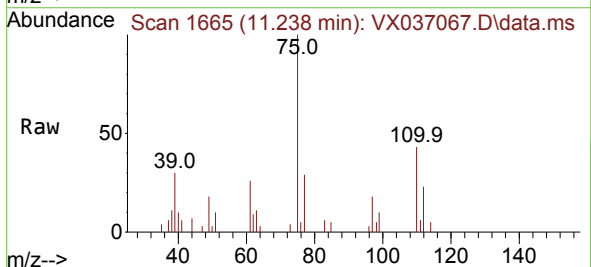
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

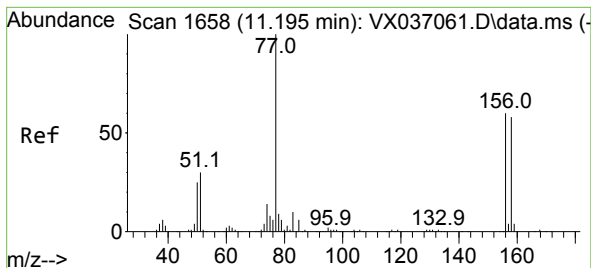
Tgt Ion: 83 Resp: 2824
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 64.1 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 1.300 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 75 Resp: 3270
Ion Ratio Lower Upper
75 100
77 30.1 19.1 57.5





#77

Bromobenzene

Concen: 1.065 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

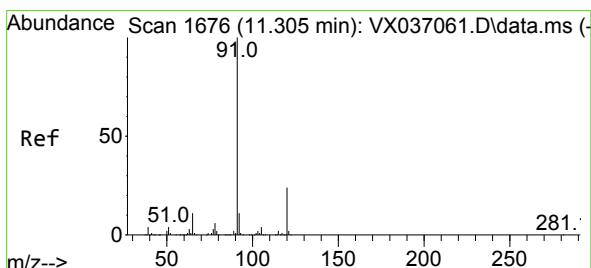
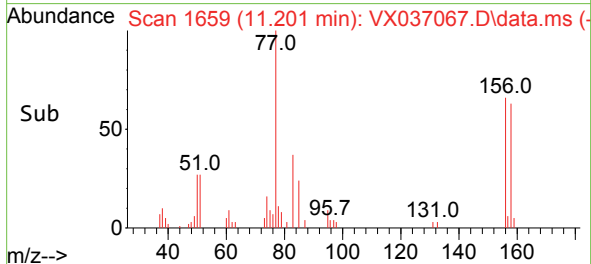
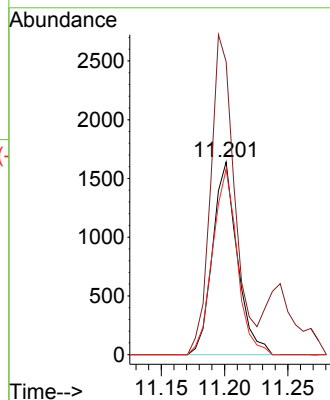
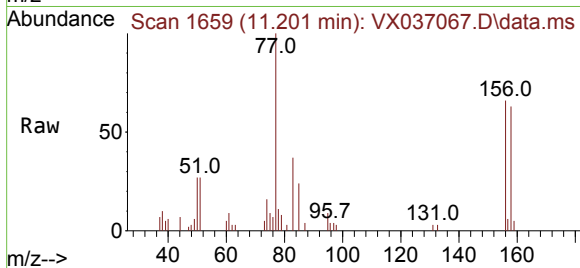
Tgt Ion:156 Resp: 2233

Ion Ratio Lower Upper

156 100

77 161.4 88.4 265.3

158 95.6 48.0 144.0



#78

n-propylbenzene

Concen: 1.024 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037067.D

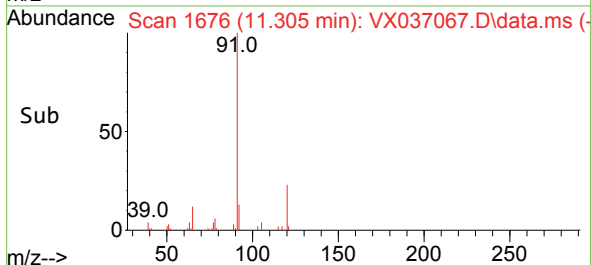
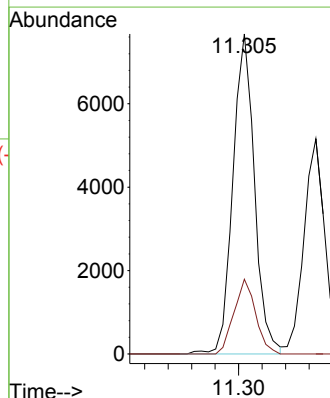
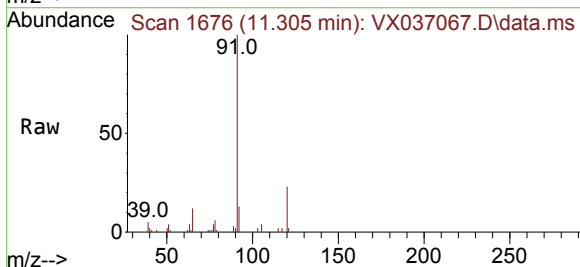
Acq: 17 Aug 2023 18:29

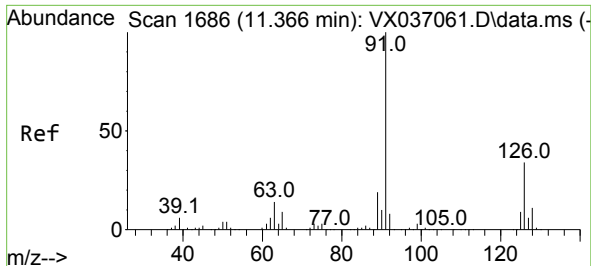
Tgt Ion: 91 Resp: 9790

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

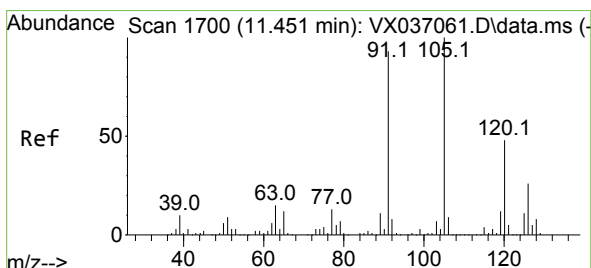
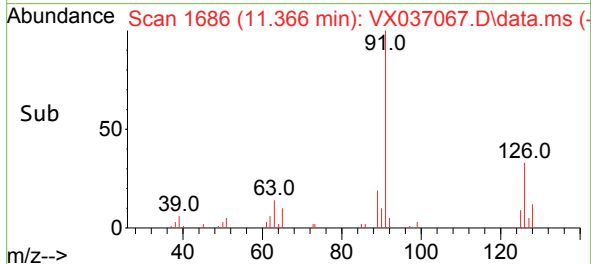
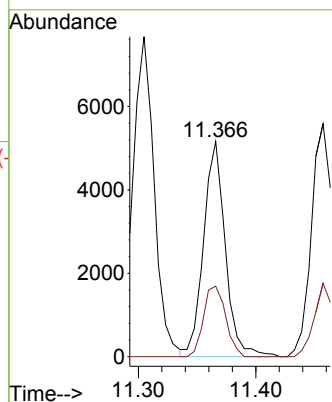
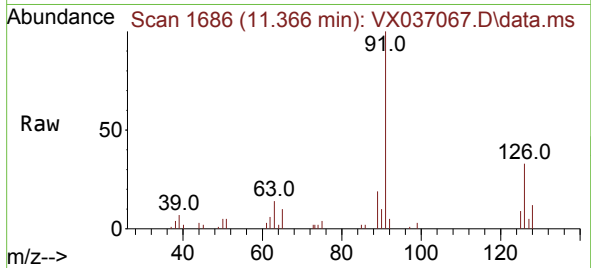




#79
2-Chlorotoluene
Concen: 1.088 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

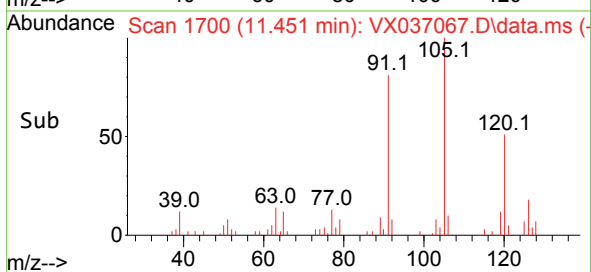
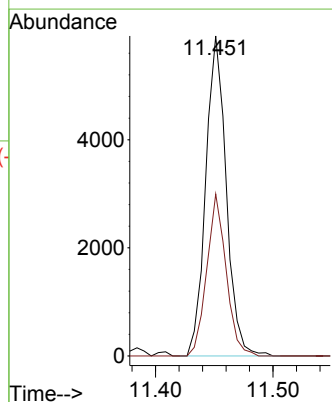
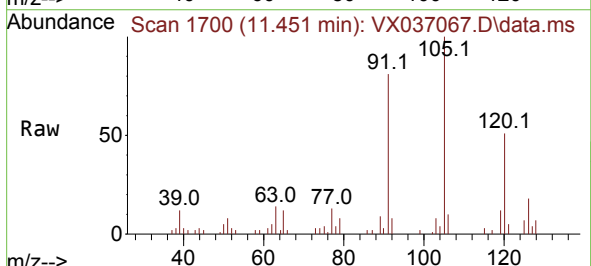
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 6647
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 1.001 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 105 Resp: 7170
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

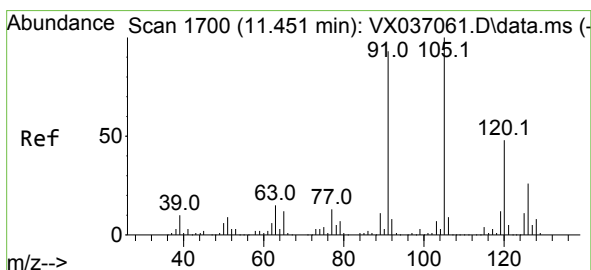
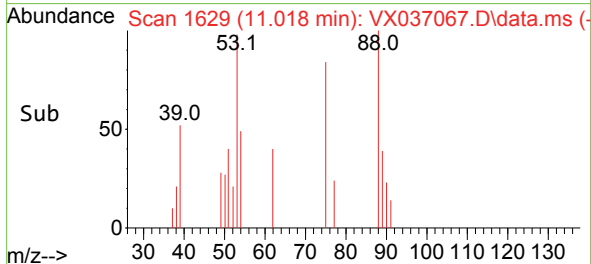
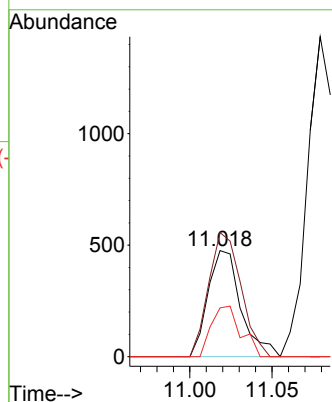
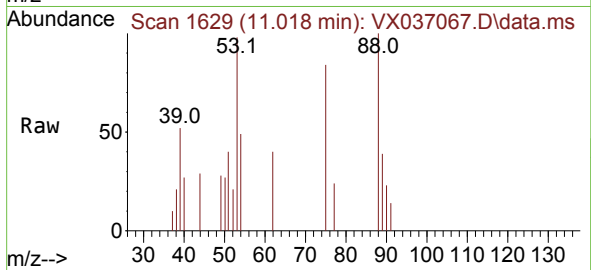




#81
trans-1,4-Dichloro-2-butene
Concen: 0.737 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

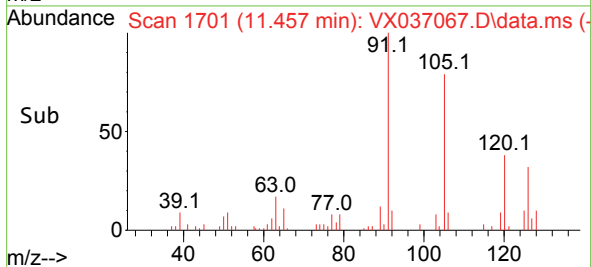
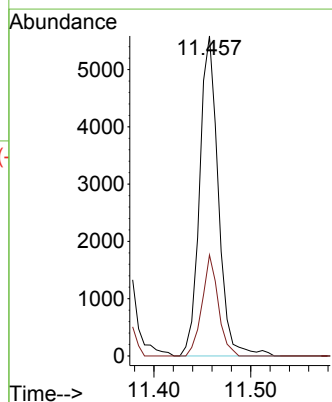
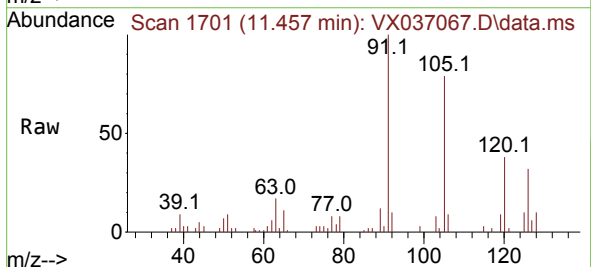
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

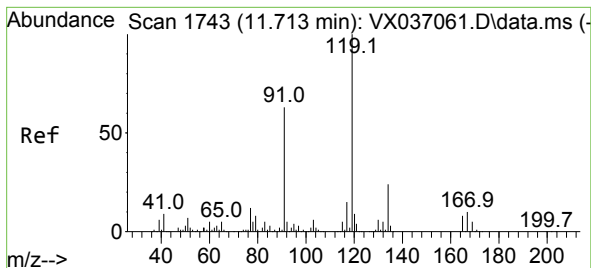
Tgt Ion: 75 Resp: 664
Ion Ratio Lower Upper
75 100
53 114.9 90.5 135.7
89 42.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 1.064 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 91 Resp: 7505
Ion Ratio Lower Upper
91 100
126 27.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 1.016 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

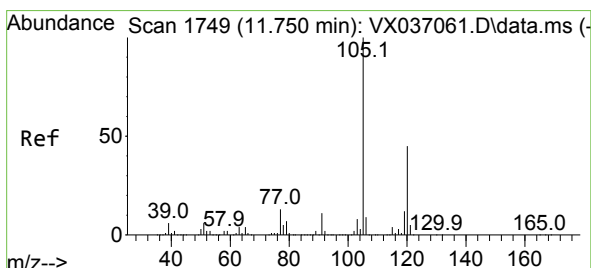
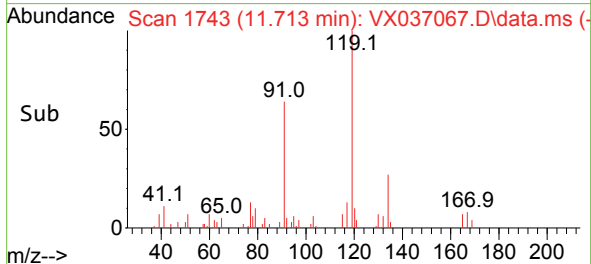
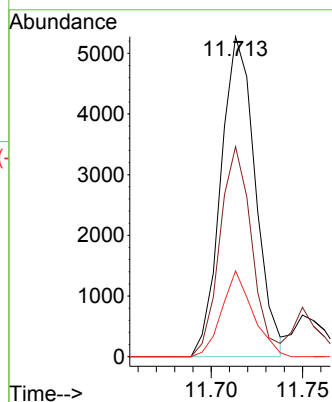
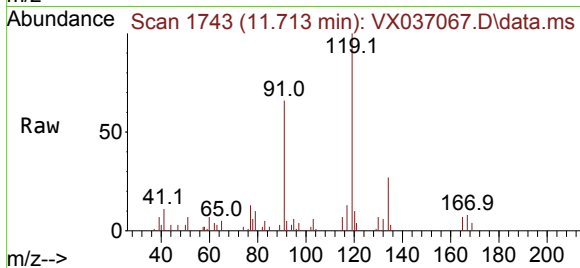
Tgt Ion:119 Resp: 6938

Ion Ratio Lower Upper

119 100

91 60.9 31.2 93.6

134 24.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 1.027 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX037067.D

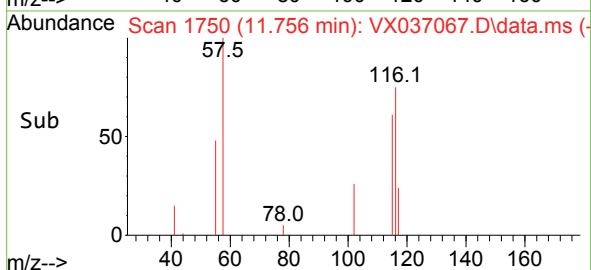
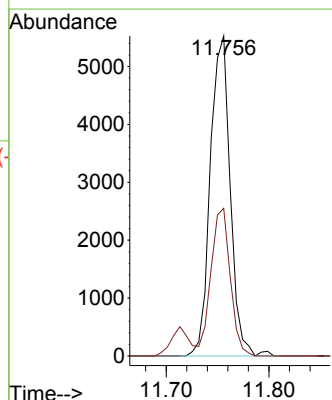
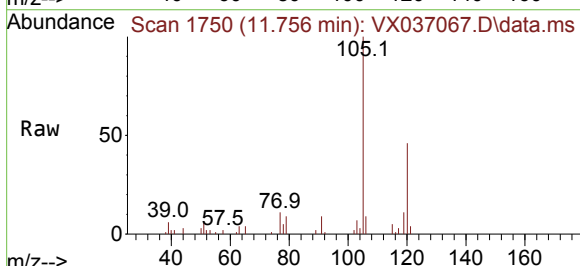
Acq: 17 Aug 2023 18:29

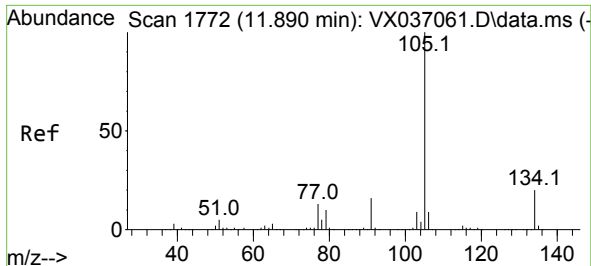
Tgt Ion:105 Resp: 7433

Ion Ratio Lower Upper

105 100

120 44.5 21.2 63.6

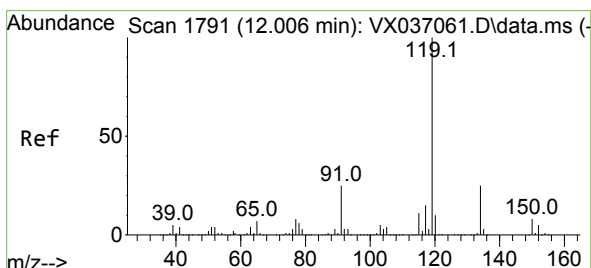
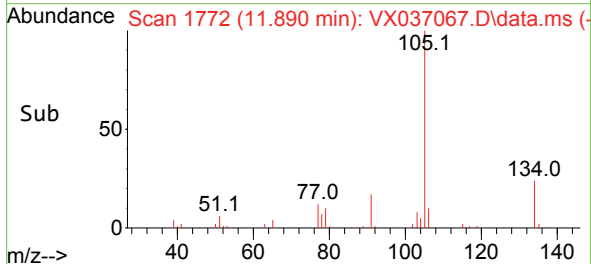
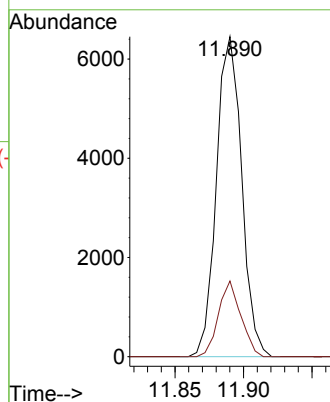
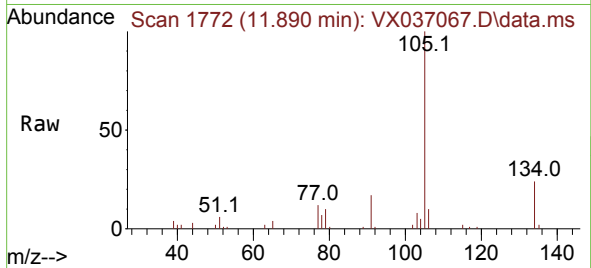




#85
 sec-Butylbenzene
 Concen: 1.035 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

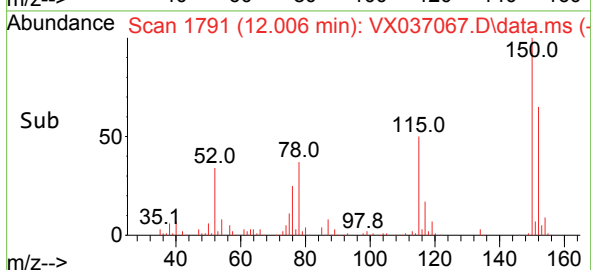
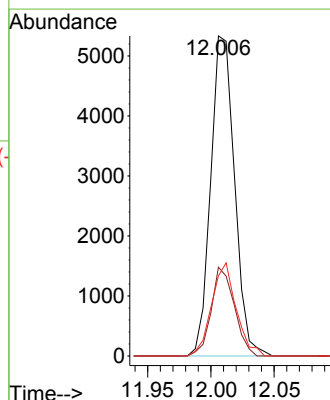
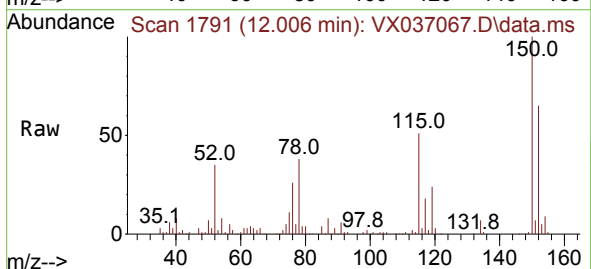
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 8256
 Ion Ratio Lower Upper
 105 100
 134 21.0 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 1.020 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX037067.D
 Acq: 17 Aug 2023 18:29

Tgt Ion:119 Resp: 7002
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.8 38.3
 91 29.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.034 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

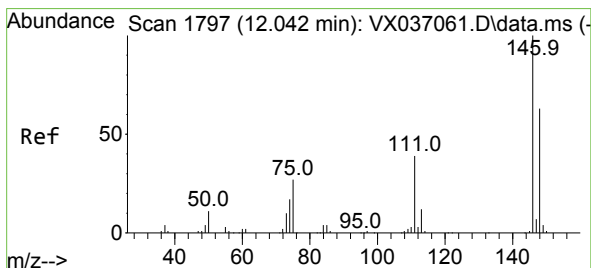
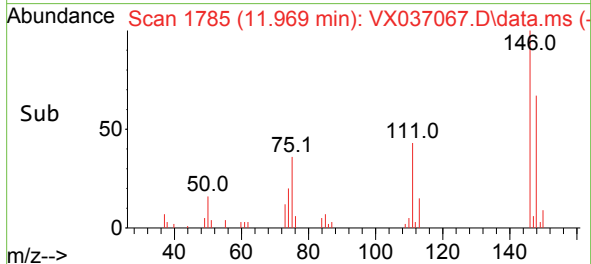
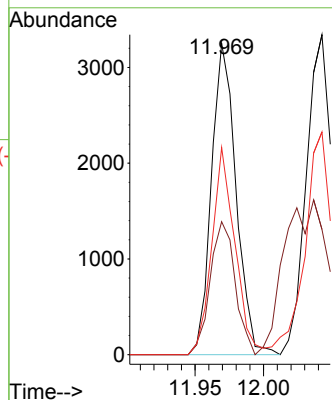
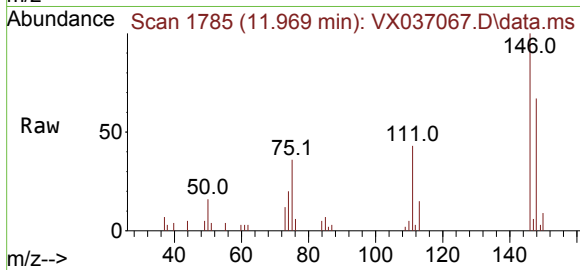
Tgt Ion:146 Resp: 4057

Ion Ratio Lower Upper

146 100

111 43.5 22.1 66.1

148 62.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 1.017 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

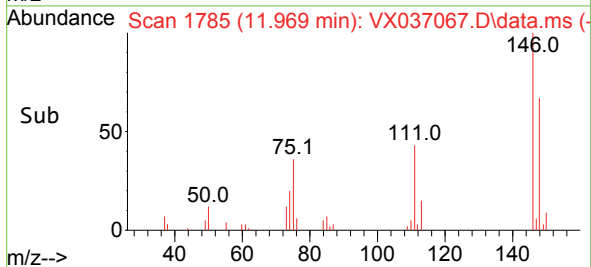
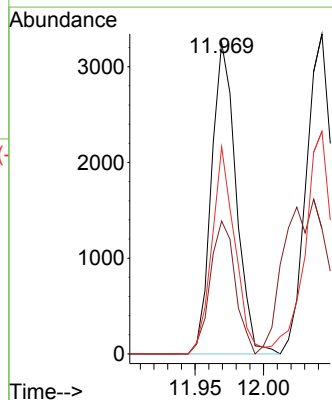
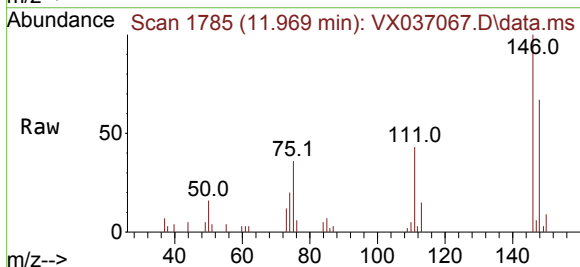
Tgt Ion:146 Resp: 4057

Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.7

148 62.6 31.8 95.4





#89

n-Butylbenzene

Concen: 1.010 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

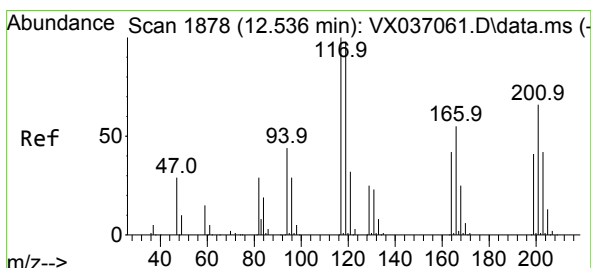
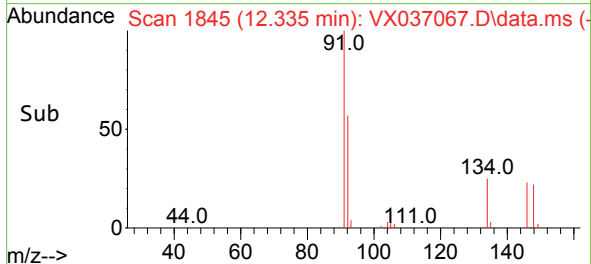
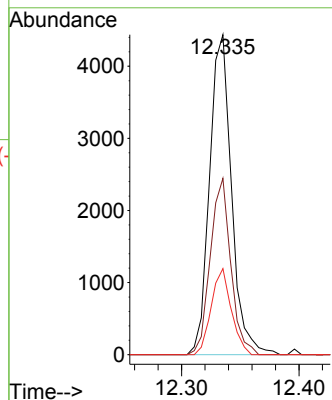
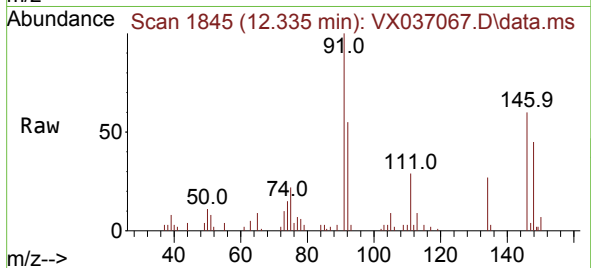
Tgt Ion: 91 Resp: 5753

Ion Ratio Lower Upper

91 100

92 51.4 27.4 82.0

134 24.6 12.6 37.8



#90

Hexachloroethane

Concen: 0.836 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037067.D

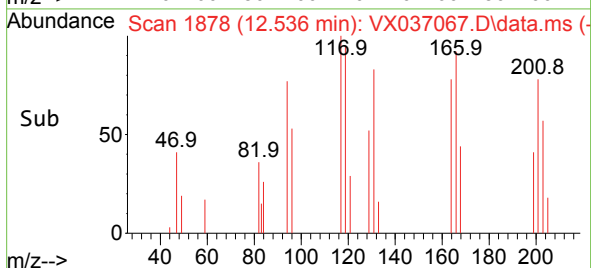
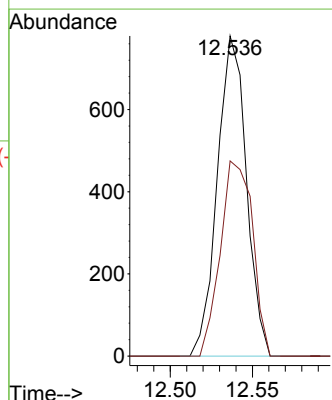
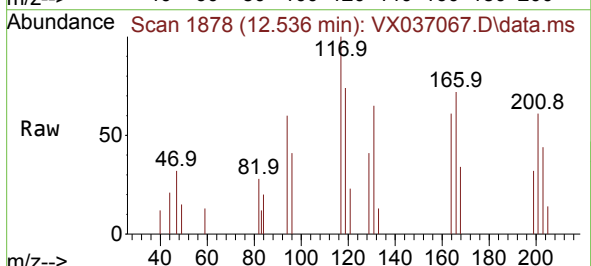
Acq: 17 Aug 2023 18:29

Tgt Ion: 117 Resp: 958

Ion Ratio Lower Upper

117 100

201 67.5 32.9 98.6

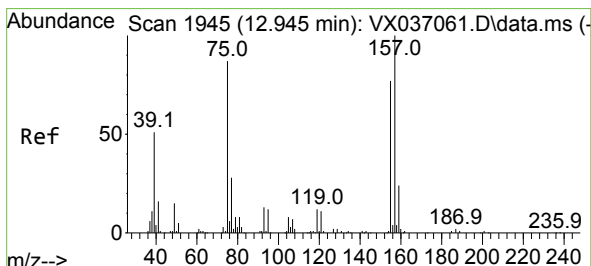
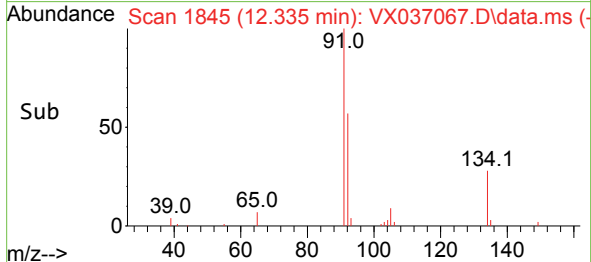
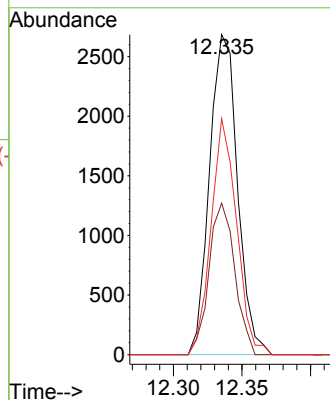
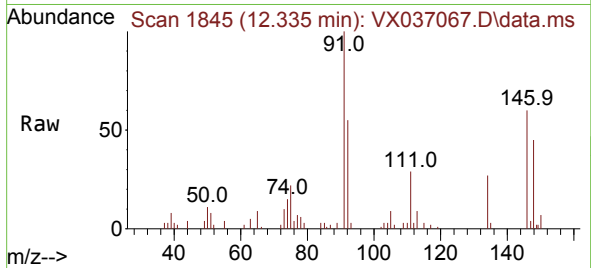




#91
1,2-Dichlorobenzene
Concen: 0.991 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

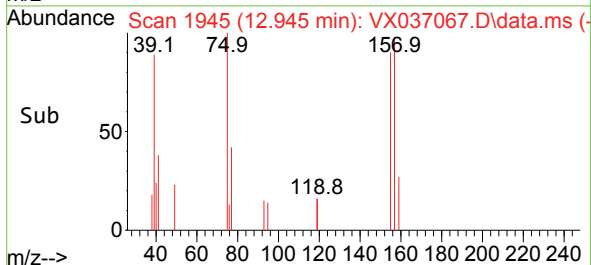
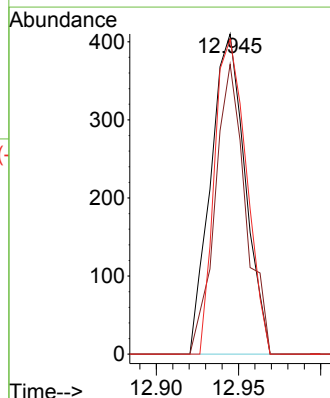
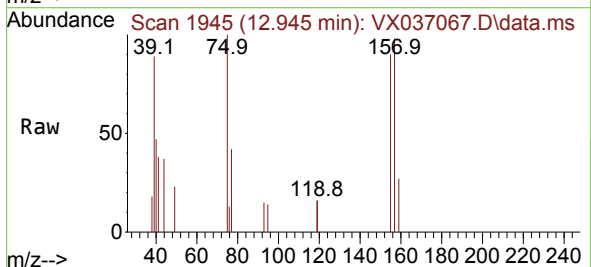
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:146 Resp: 3811
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 67.2 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.889 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX037067.D
Acq: 17 Aug 2023 18:29

Tgt Ion: 75 Resp: 597
Ion Ratio Lower Upper
75 100
155 80.2 36.1 108.5
157 91.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 1.009 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

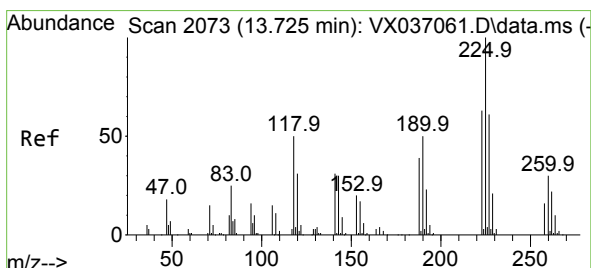
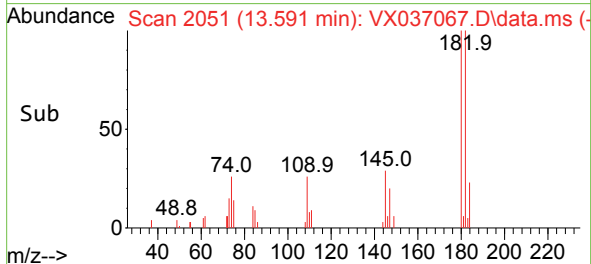
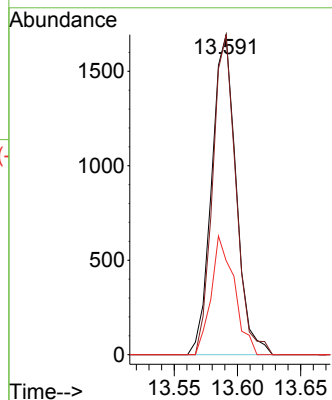
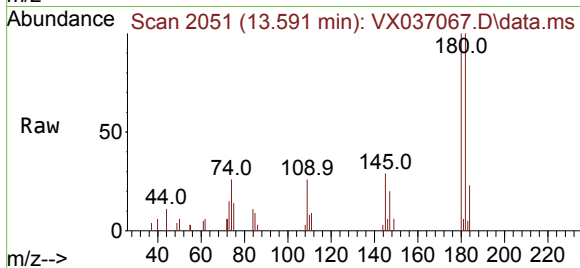
Tgt Ion:180 Resp: 2270

Ion Ratio Lower Upper

180 100

182 95.1 48.3 144.8

145 35.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.252 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

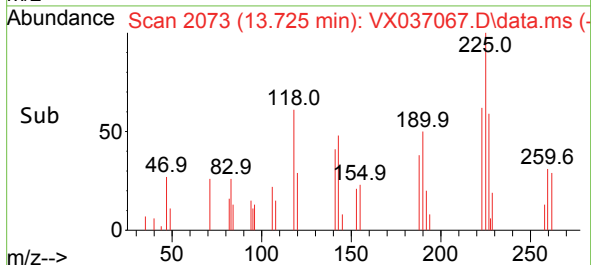
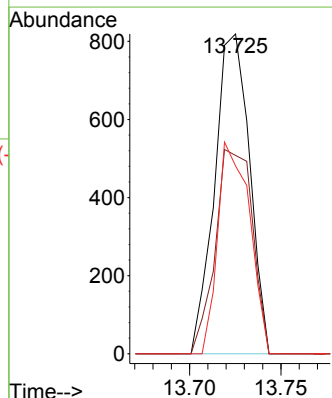
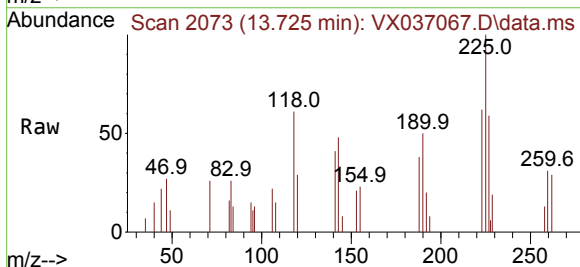
Tgt Ion:225 Resp: 1088

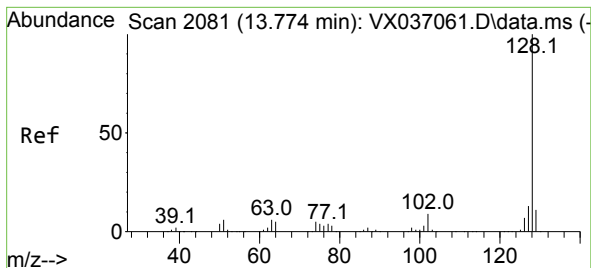
Ion Ratio Lower Upper

225 100

223 68.0 31.1 93.2

227 60.2 32.5 97.5





#95

Naphthalene

Concen: 1.299 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

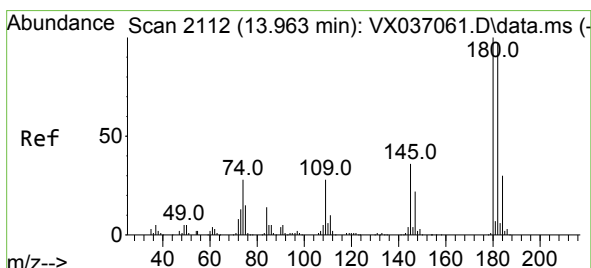
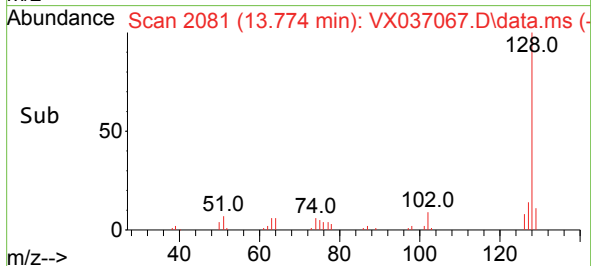
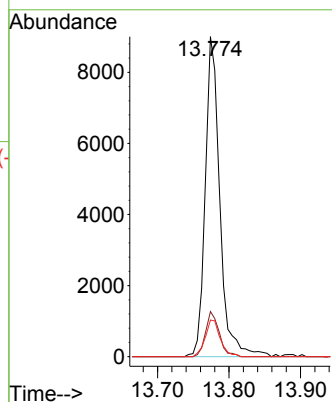
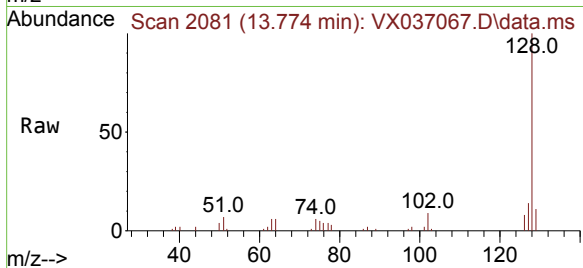
Tgt Ion:128 Resp: 12798

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.984 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX037067.D

Acq: 17 Aug 2023 18:29

Tgt Ion:180 Resp: 2198

Ion Ratio Lower Upper

180 100

182 95.8 46.9 140.6

145 35.2 17.8 53.5

