

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016577.D
 Acq On : 04 Dec 2023 14:16
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 05 01:10:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	239818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	354705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	308010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	146553	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	338469	152.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	305.400%#
35) Dibromofluoromethane	7.734	113	322828	151.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	302.460%#
50) Toluene-d8	10.191	98	1251689	155.021	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	310.040%#
62) 4-Bromofluorobenzene	12.495	95	418453	157.593	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	315.180%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	289878	136.839	ug/l	97
3) Chloromethane	2.119	50	304247	138.445	ug/l	99
4) Vinyl Chloride	2.259	62	319360	143.903	ug/l	96
5) Bromomethane	2.650	94	203721	146.546	ug/l	98
6) Chloroethane	2.802	64	200690	146.401	ug/l	95
7) Trichlorofluoromethane	3.137	101	604639	144.120	ug/l	100
8) Diethyl Ether	3.546	74	180530	154.503	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.912	101	343016	146.204	ug/l	98
10) Methyl Iodide	4.107	142	383942	154.887	ug/l	98
11) Tert butyl alcohol	4.972	59	125550	831.328	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	315309	147.944	ug/l	93
13) Acrolein	3.741	56	175892	801.109	ug/l	100
14) Allyl chloride	4.497	41	490444	150.788	ug/l	98
15) Acrylonitrile	5.180	53	369266	783.001	ug/l	98
16) Acetone	3.960	43	338720	675.299	ug/l	97
17) Carbon Disulfide	4.216	76	863242	144.468	ug/l	100
18) Methyl Acetate	4.491	43	331051	166.507	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	840886	160.503	ug/l	99
20) Methylene Chloride	4.741	84	318327	150.746	ug/l	92
21) trans-1,2-Dichloroethene	5.241	96	348936	145.592	ug/l	98
22) Diisopropyl ether	6.137	45	999188	149.372	ug/l	92
23) Vinyl Acetate	6.076	43	2477849	771.616	ug/l #	95
24) 1,1-Dichloroethane	6.039	63	593912	144.519	ug/l	97
25) 2-Butanone	7.002	43	502731	728.894	ug/l	96
26) 2,2-Dichloropropane	7.002	77	568491	147.145	ug/l	98
27) cis-1,2-Dichloroethene	7.008	96	392265	148.690	ug/l	95
28) Bromochloromethane	7.350	49	241506	145.083	ug/l	87
29) Tetrahydrofuran	7.362	42	320582	815.249	ug/l	93
30) Chloroform	7.527	83	638557	145.767	ug/l	95
31) Cyclohexane	7.801	56	524461	138.601	ug/l	92
32) 1,1,1-Trichloroethane	7.722	97	611235	147.434	ug/l	97
36) 1,1-Dichloropropene	7.935	75	491126	151.355	ug/l	98
37) Ethyl Acetate	7.094	43	219483	161.648	ug/l #	96
38) Carbon Tetrachloride	7.917	117	570911	151.980	ug/l	99
39) Methylcyclohexane	9.197	83	618416	158.183	ug/l	94
40) Benzene	8.179	78	1370239	149.817	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	121225	158.546	ug/l	92
42) 1,2-Dichloroethane	8.252	62	407083	153.286	ug/l	95
43) Isopropyl Acetate	8.289	43	438066	167.246	ug/l	94
44) Trichloroethene	8.953	130	412866	149.686	ug/l	98
45) 1,2-Dichloropropane	9.228	63	334050	151.706	ug/l	97
46) Dibromomethane	9.319	93	185819	153.934	ug/l	97
47) Bromodichloromethane	9.508	83	489818	152.416	ug/l	98
48) Methyl methacrylate	9.307	41	258746	171.050	ug/l	93
49) 1,4-Dioxane	9.313	88	42045	3441.163	ug/l #	48
51) 4-Methyl-2-Pentanone	10.081	43	1136254	834.733	ug/l	94
52) Toluene	10.258	92	877174	153.023	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	489584	161.423	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	558565	156.812	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	261593	155.570	ug/l	97
56) Ethyl methacrylate	10.520	69	267024	173.243	ug/l	90
57) 1,3-Dichloropropane	10.801	76	447019	157.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	833699	877.709	ug/l	92
59) 2-Hexanone	10.843	43	821408	797.685	ug/l	93
60) Dibromochloromethane	10.996	129	347635	154.730	ug/l	99
61) 1,2-Dibromoethane	11.099	107	252280	159.513	ug/l	100
64) Tetrachloroethene	10.733	164	429892	152.291	ug/l	98
65) Chlorobenzene	11.526	112	948356	152.016	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	369740	151.638	ug/l	100
67) Ethyl Benzene	11.605	91	1715396	153.319	ug/l	97
68) m/p-Xylenes	11.715	106	1305427	307.349	ug/l	95
69) o-Xylene	12.038	106	612400	154.451	ug/l	98
70) Styrene	12.056	104	901743	158.508	ug/l	99
71) Bromoform	12.221	173	209938	159.451	ug/l #	99
73) Isopropylbenzene	12.343	105	1670603	153.947	ug/l	99
74) N-amyl acetate	12.154	43	371690	171.773	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.593	83	264192	153.065	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	371362	273.686	ug/l #	100
77) Bromobenzene	12.617	156	396562	155.055	ug/l	92
78) n-propylbenzene	12.684	91	1912339	151.403	ug/l	97
79) 2-Chlorotoluene	12.770	91	1081277	151.917	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	1353841	153.536	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	94448	160.936	ug/l	97
82) 4-Chlorotoluene	12.867	91	1112413	151.043	ug/l	99
83) tert-Butylbenzene	13.087	119	1207889	153.316	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	1337065	155.240	ug/l	98
85) sec-Butylbenzene	13.263	105	1665764	150.541	ug/l	98
86) p-Isopropyltoluene	13.379	119	1480294	154.114	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	746250	152.852	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	731902	152.753	ug/l	99
89) n-Butylbenzene	13.709	91	1336412	154.712	ug/l	95
90) Hexachloroethane	13.971	117	289582	153.224	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	654246	156.083	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	47613	172.381	ug/l	87
93) 1,2,4-Trichlorobenzene	15.019	180	429811	181.716	ug/l	99
94) Hexachlorobutadiene	15.123	225	235988	157.915	ug/l	98
95) Naphthalene	15.245	128	808593	150.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	362091	150.758	ug/l	98

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ClientSampleId :
VSTDICC150

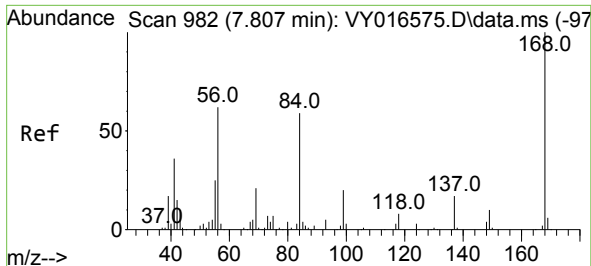
Quant Time: Dec 05 01:10:01 2023
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Quant Title : SW846 8260
QLast Update : Tue Dec 05 00:54:37 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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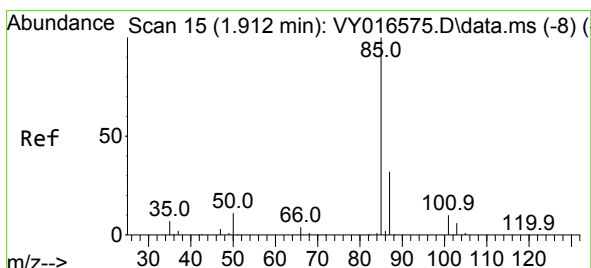
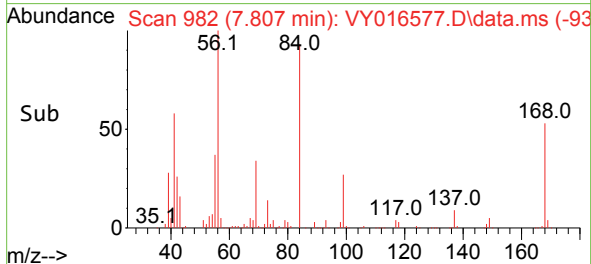
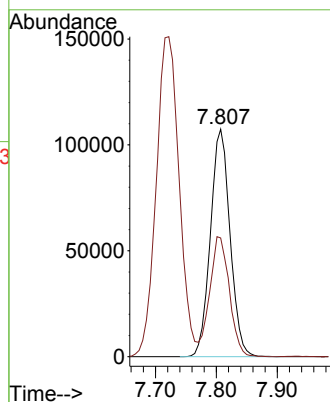
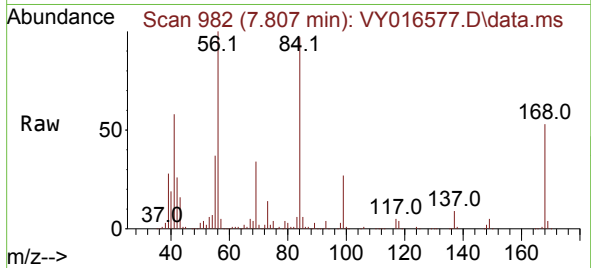




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016577.D
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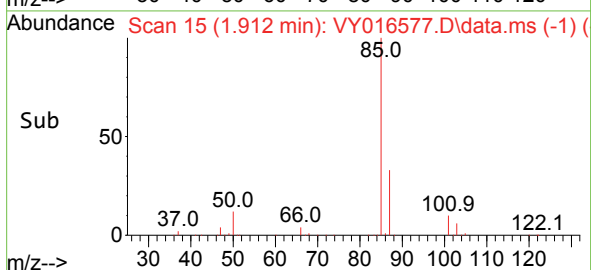
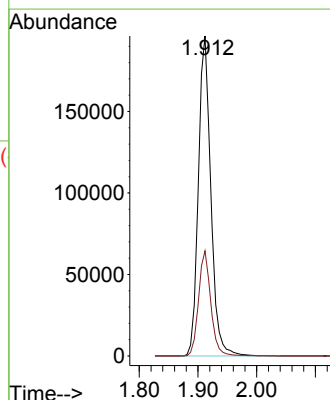
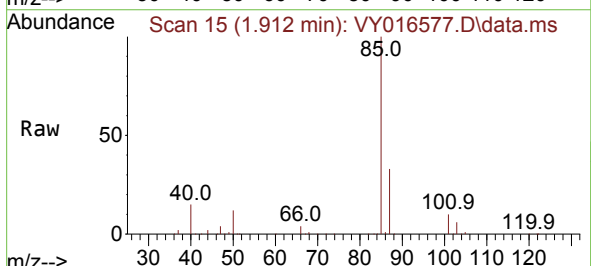
Instrument :
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VSTDIC150

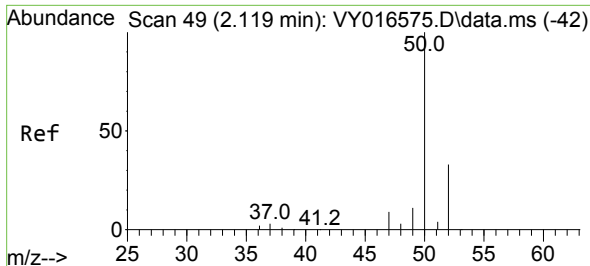
Tgt Ion:168 Resp: 239818
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 136.839 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 85 Resp: 289878
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8

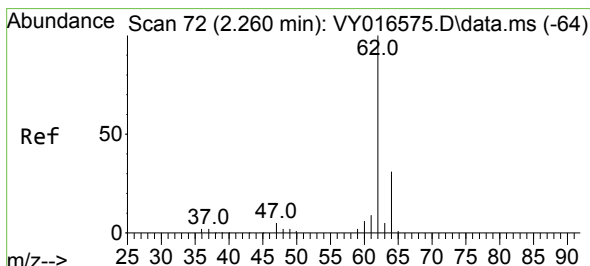
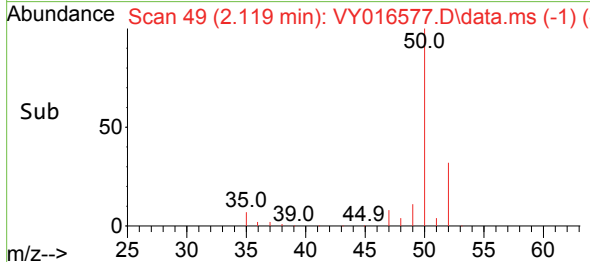
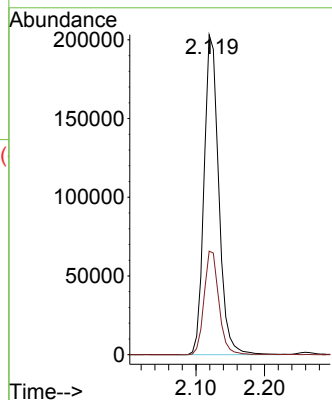
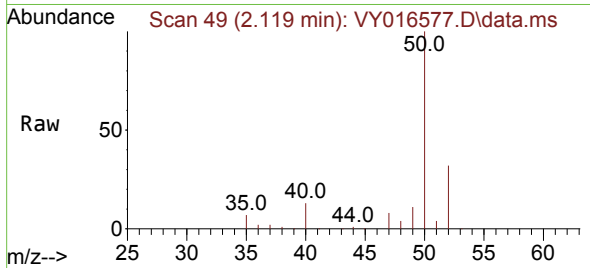




#3
Chloromethane
Concen: 138.445 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

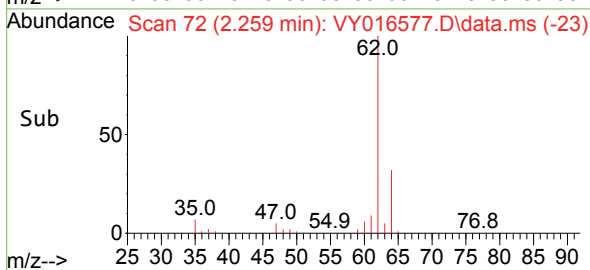
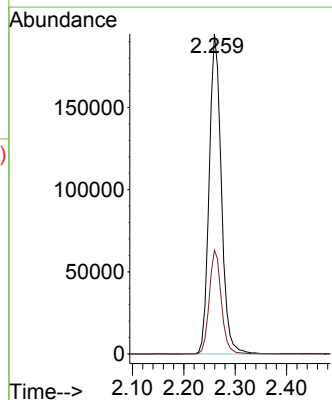
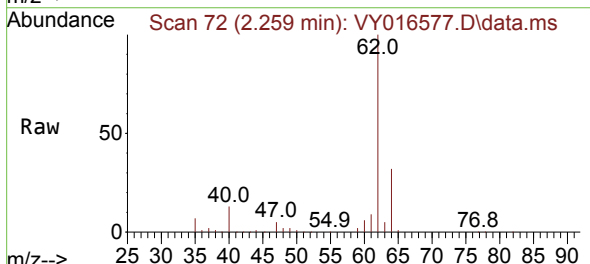
Instrument :
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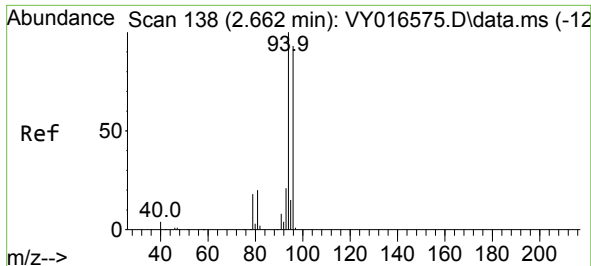
Tgt Ion: 50 Resp: 304247
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 143.903 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 62 Resp: 319360
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5

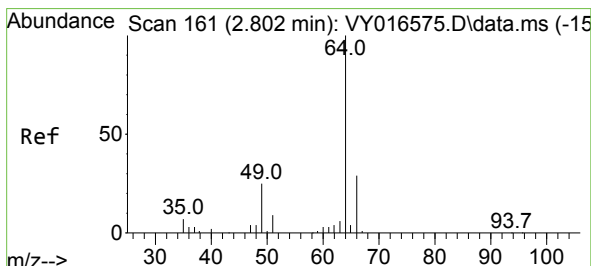
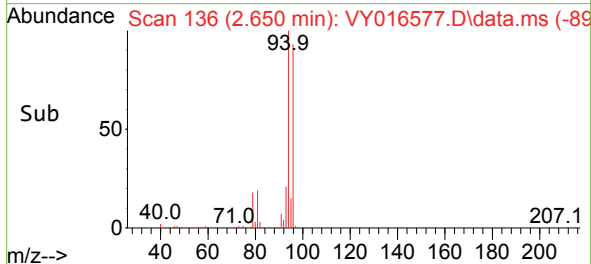
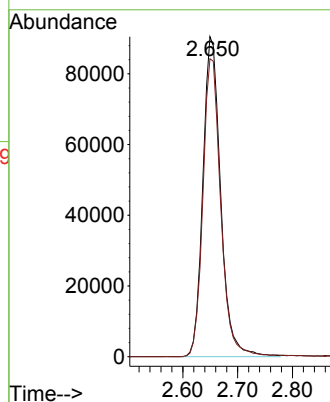
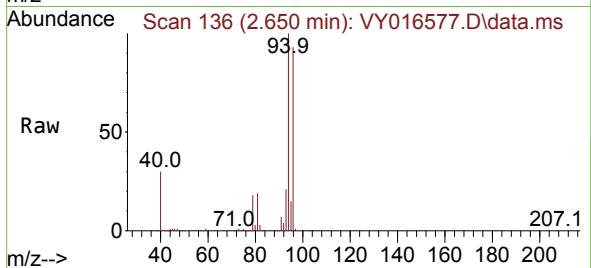




#5
Bromomethane
Concen: 146.546 ug/l
RT: 2.650 min Scan# 136
Delta R.T. -0.012 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

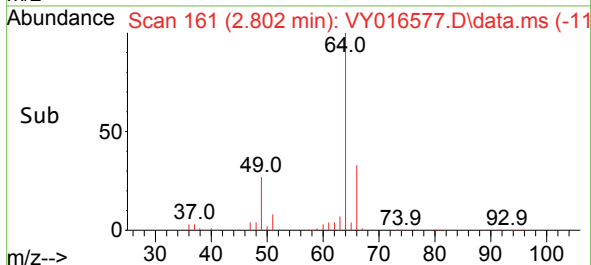
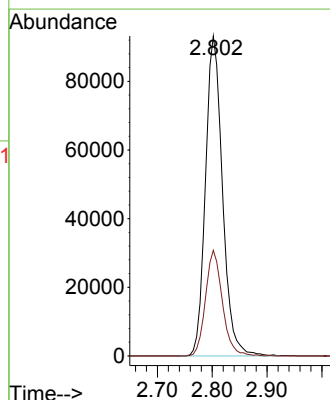
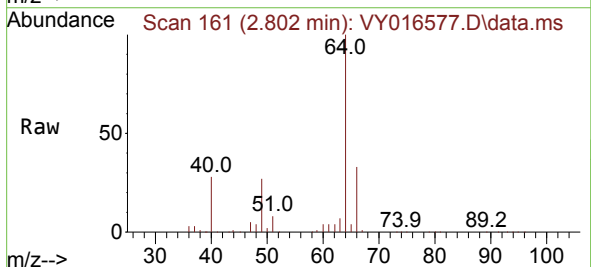
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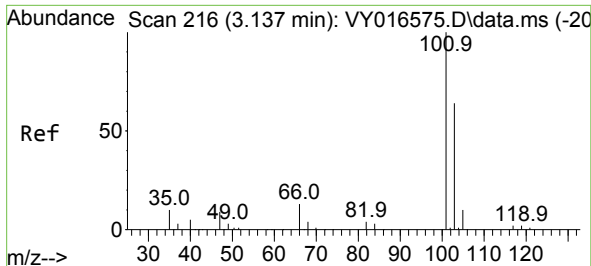
Tgt Ion: 94 Resp: 203721
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.6



#6
Chloroethane
Concen: 146.401 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 64 Resp: 200690
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6

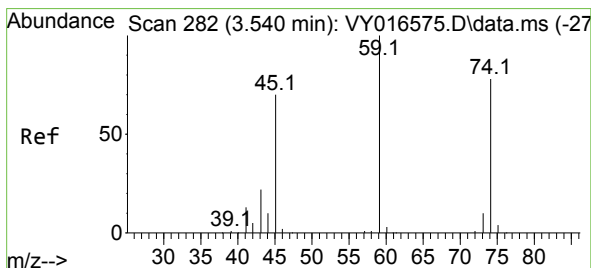
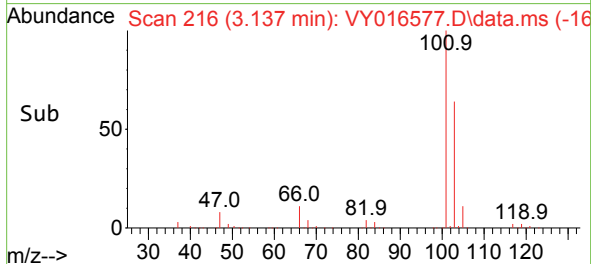
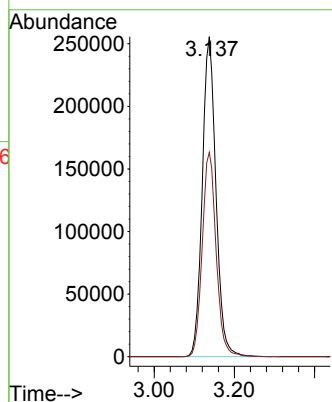
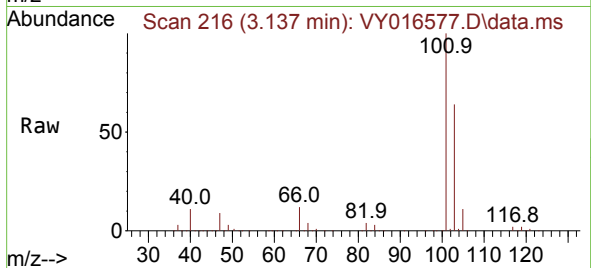




#7
 Trichlorofluoromethane
 Concen: 144.120 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016577.D
 Acq: 04 Dec 2023 14:16

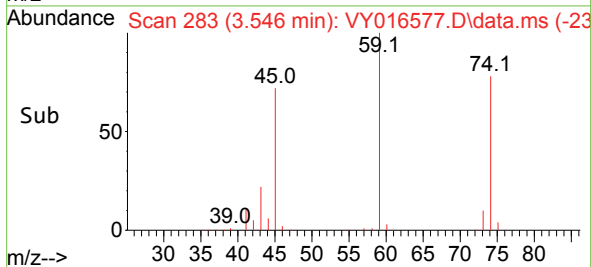
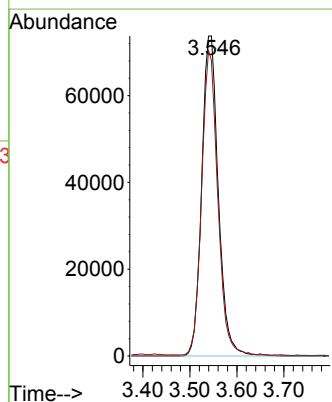
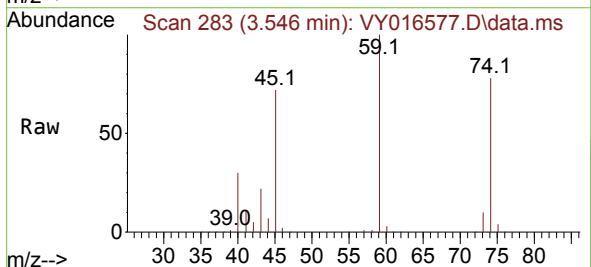
Instrument :
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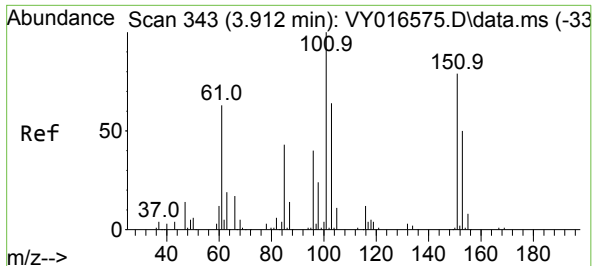
Tgt Ion:101 Resp: 604639
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 154.503 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016577.D
 Acq: 04 Dec 2023 14:16

Tgt Ion: 74 Resp: 180530
 Ion Ratio Lower Upper
 74 100
 45 91.9 51.5 154.5

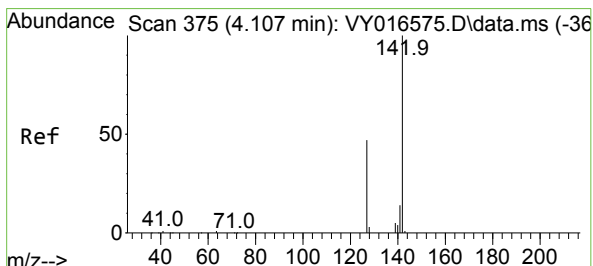
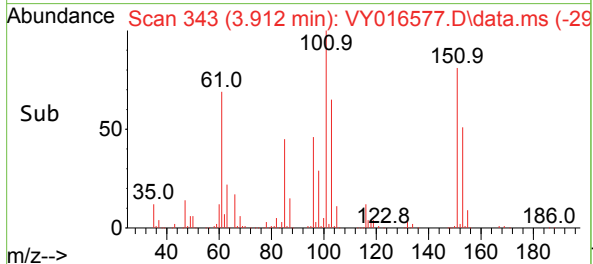
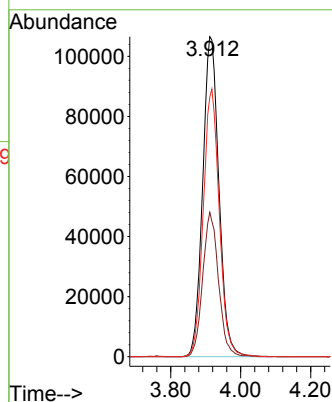
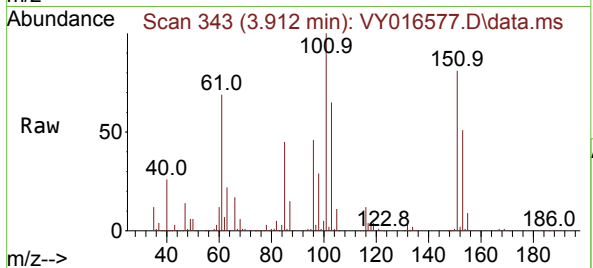




#9
1,1,2-Trichlorotrifluoroethane
Concen: 146.204 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016577.D
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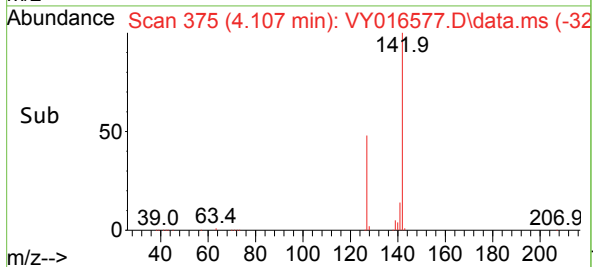
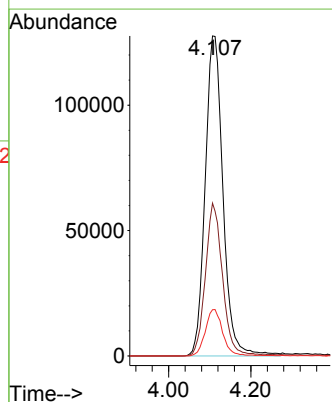
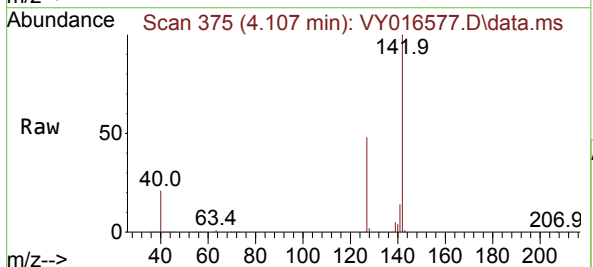
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

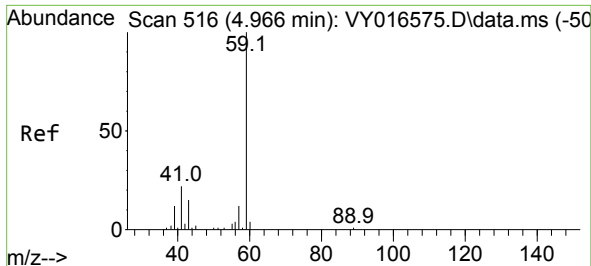
Tgt Ion:101 Resp: 343016
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 82.8 67.0 100.6



#10
Methyl Iodide
Concen: 154.887 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion:142 Resp: 383942
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.2 11.8 17.8

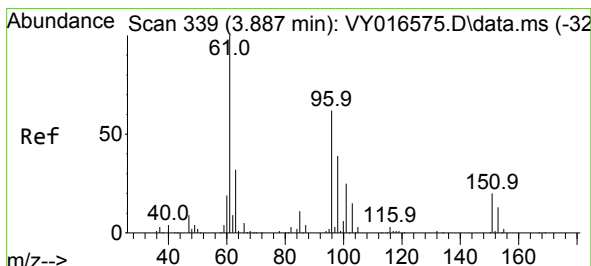
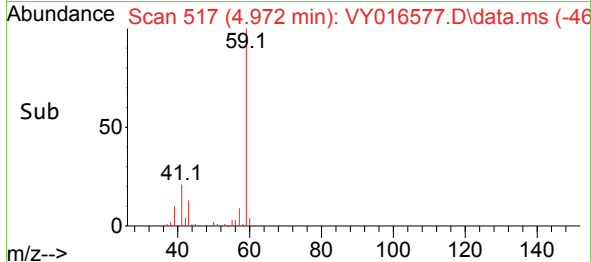
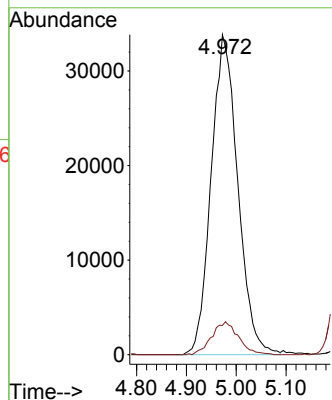
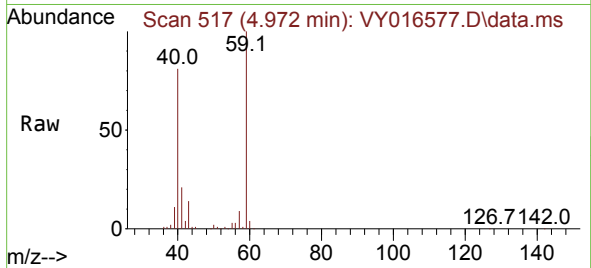




#11
Tert butyl alcohol
Concen: 831.328 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

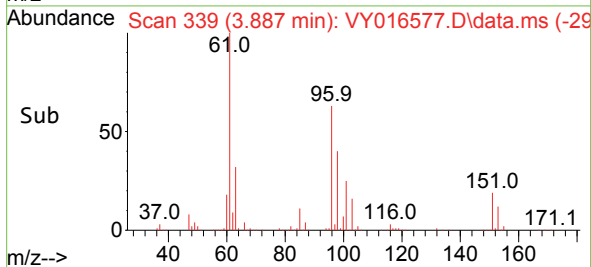
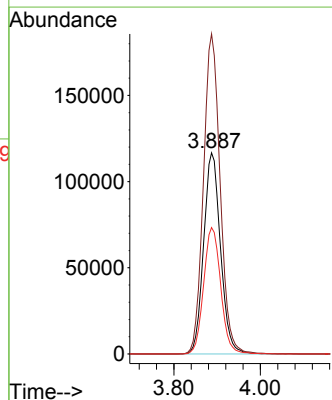
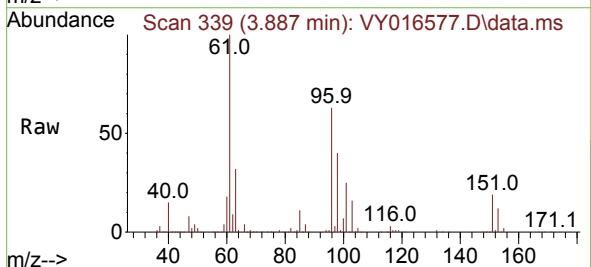
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

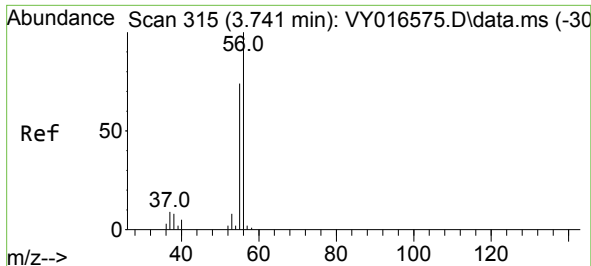
Tgt Ion: 59 Resp: 125550
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 147.944 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 96 Resp: 315309
Ion Ratio Lower Upper
96 100
61 159.0 136.4 204.6
98 62.9 49.4 74.2

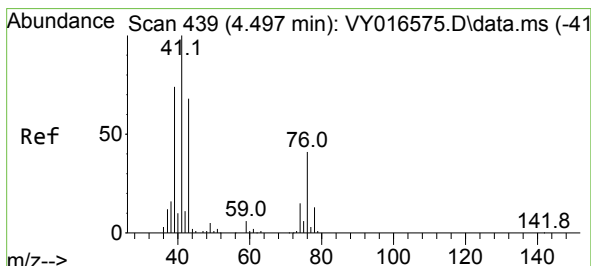
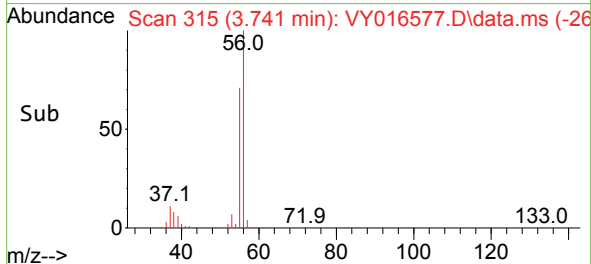
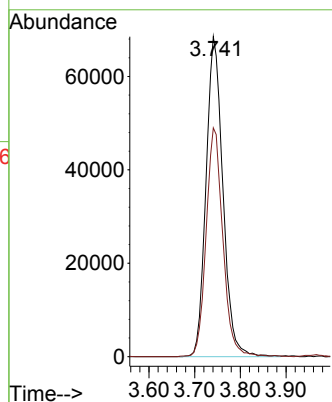
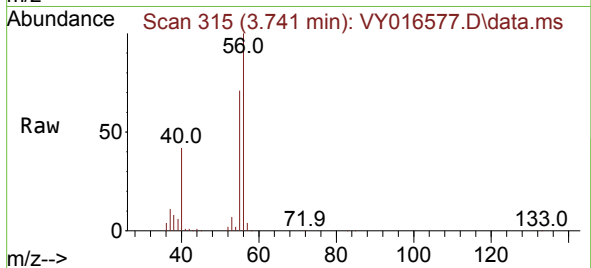




#13
Acrolein
Concen: 801.109 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

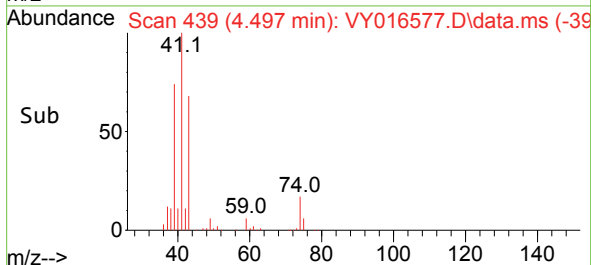
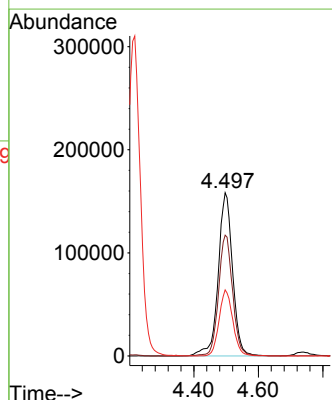
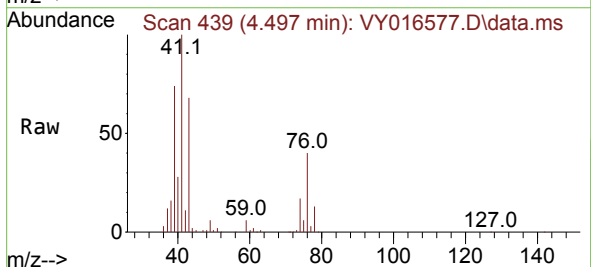
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

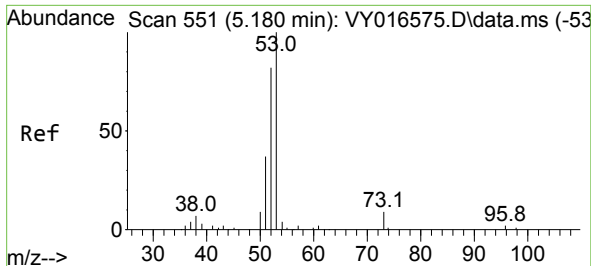
Tgt Ion: 56 Resp: 175892
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4



#14
Allyl chloride
Concen: 150.788 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 41 Resp: 490444
Ion Ratio Lower Upper
41 100
39 72.5 58.0 87.0
76 38.5 27.4 41.2

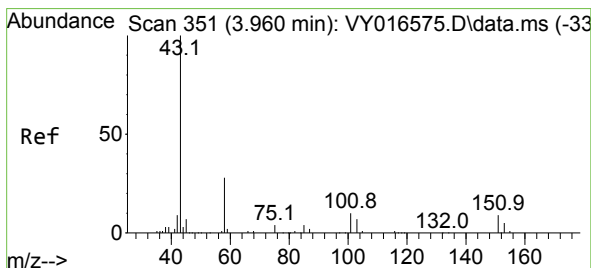
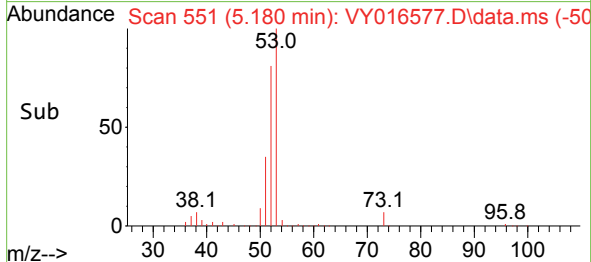
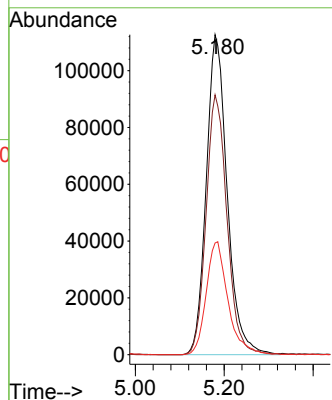
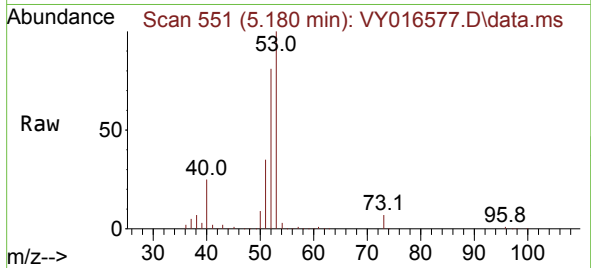




#15
Acrylonitrile
Concen: 783.001 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

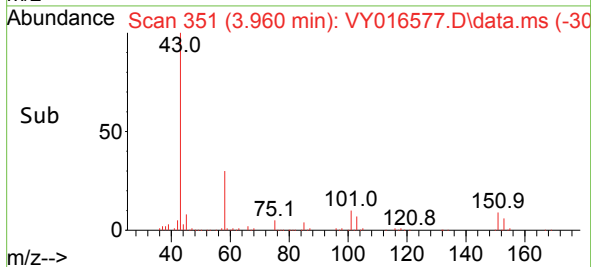
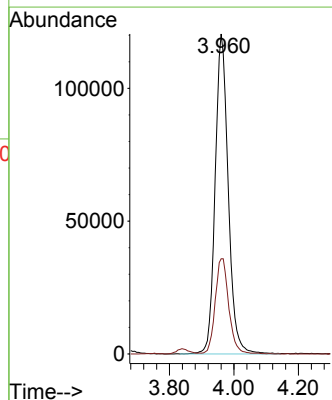
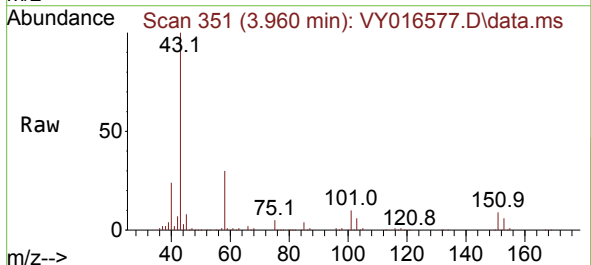
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

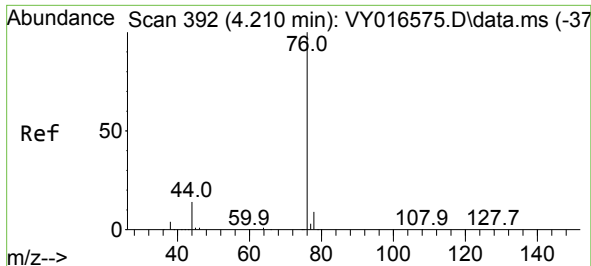
Tgt Ion: 53 Resp: 369266
Ion Ratio Lower Upper
53 100
52 81.2 66.9 100.3
51 36.7 29.8 44.6



#16
Acetone
Concen: 675.299 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 43 Resp: 338720
Ion Ratio Lower Upper
43 100
58 29.8 22.7 34.1

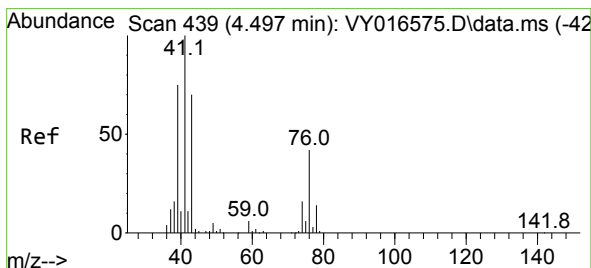
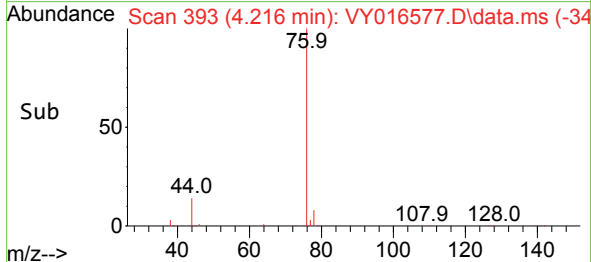
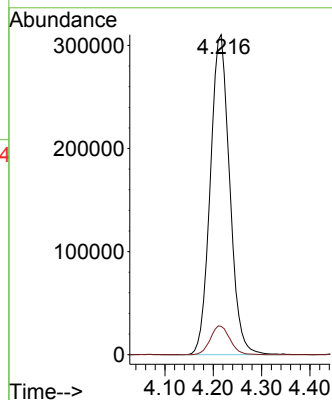
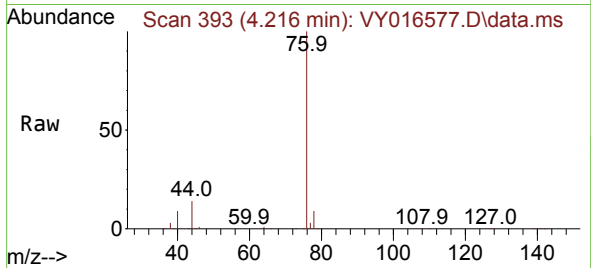




#17
Carbon Disulfide
Concen: 144.468 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

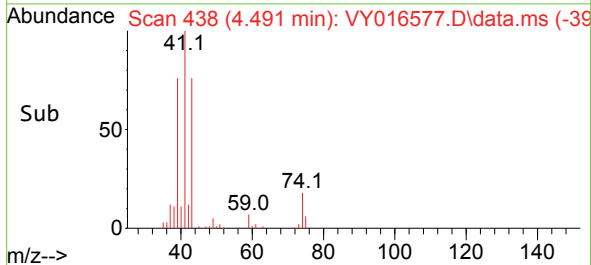
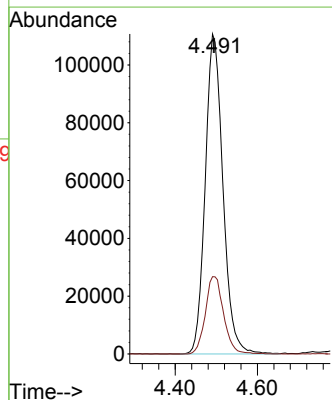
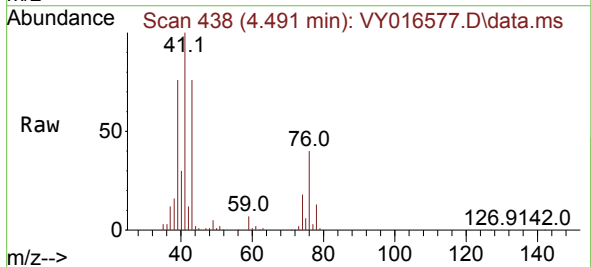
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

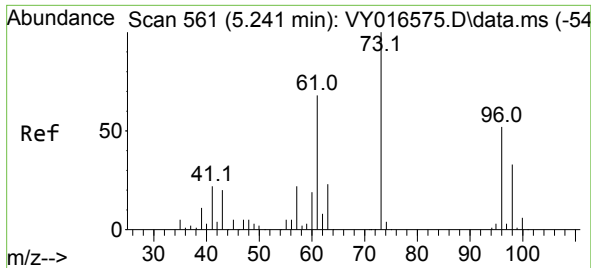
Tgt Ion: 76 Resp: 863242
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 166.507 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 43 Resp: 331051
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0

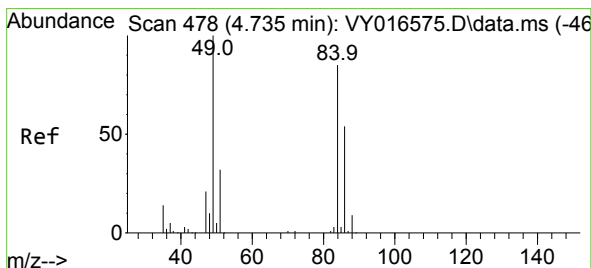
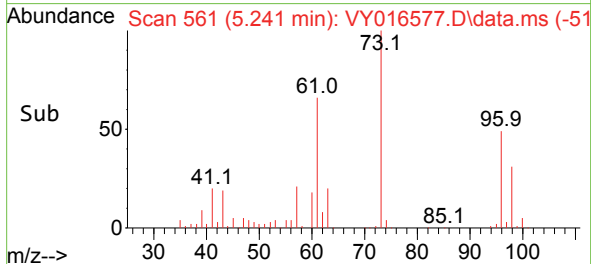
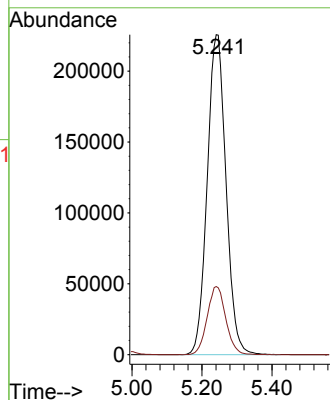
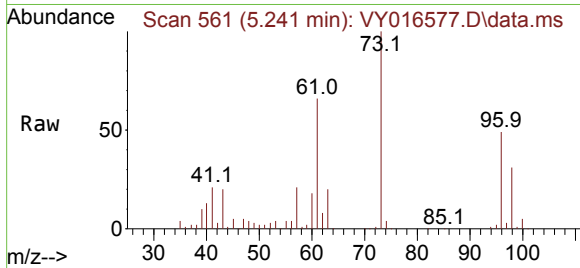




#19
Methyl tert-butyl Ether
Concen: 160.503 ug/l
RT: 5.241 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

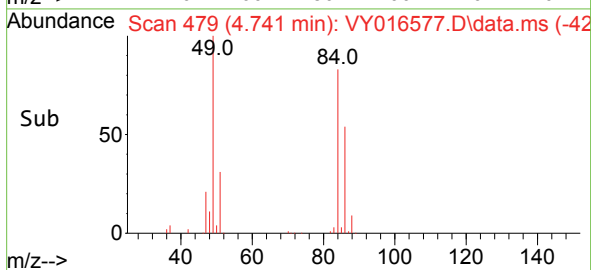
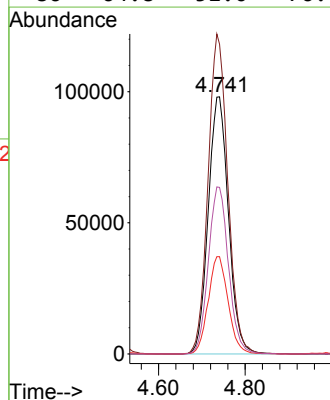
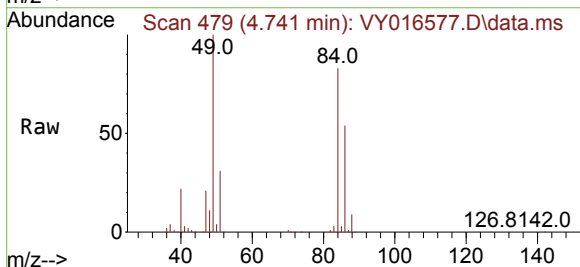
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

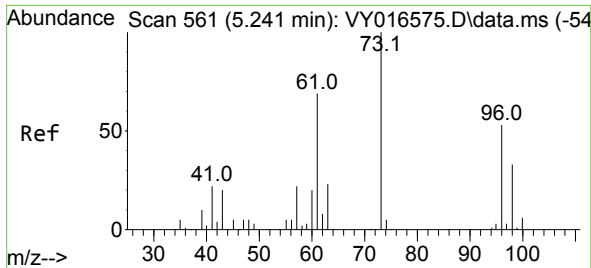
Tgt Ion: 73 Resp: 840886
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 150.746 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 84 Resp: 318327
Ion Ratio Lower Upper
84 100
49 120.5 106.9 160.3
51 37.9 33.2 49.8
86 64.8 51.0 76.6

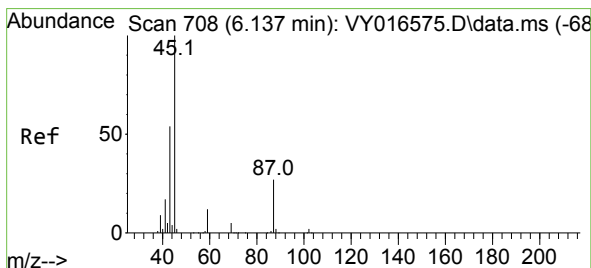
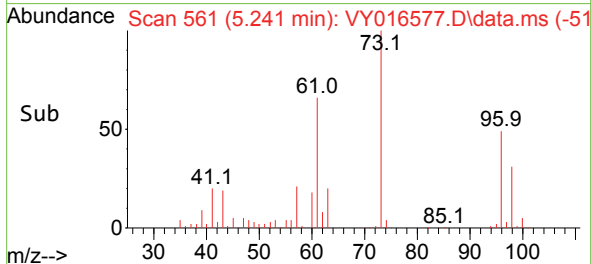
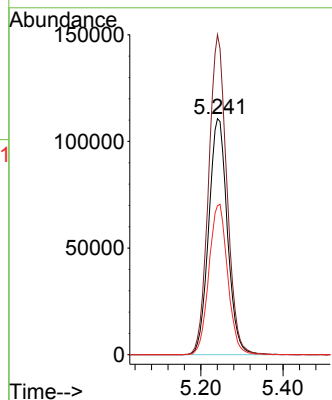
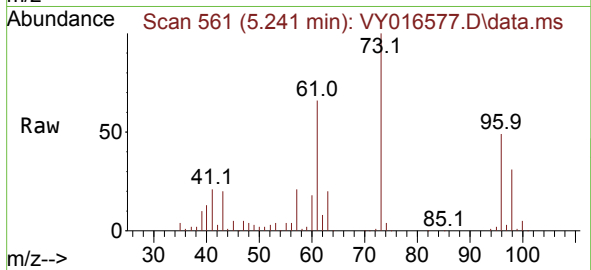




#21
trans-1,2-Dichloroethene
Concen: 145.592 ug/l
RT: 5.241 min Scan# 561
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

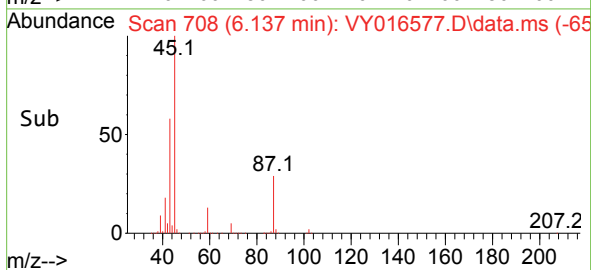
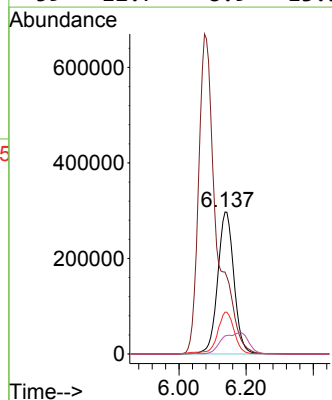
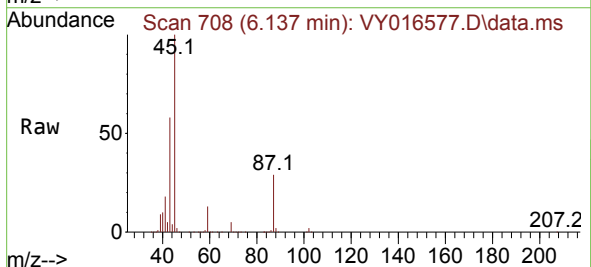
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

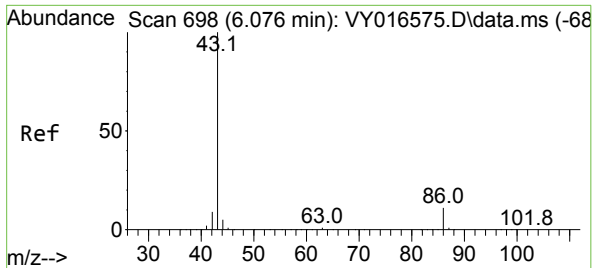
Tgt Ion: 96 Resp: 348936
Ion Ratio Lower Upper
96 100
61 135.6 110.2 165.4
98 63.1 51.8 77.6



#22
Diisopropyl ether
Concen: 149.372 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 45 Resp: 999188
Ion Ratio Lower Upper
45 100
43 57.7 52.2 78.4
87 29.4 21.0 31.6
59 12.7 8.9 13.3

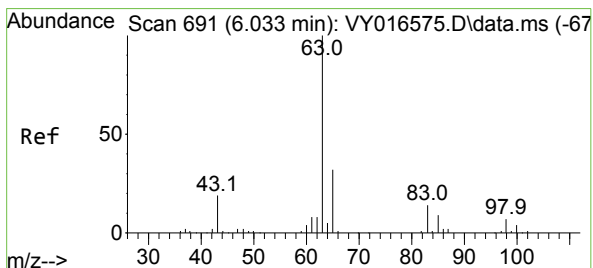
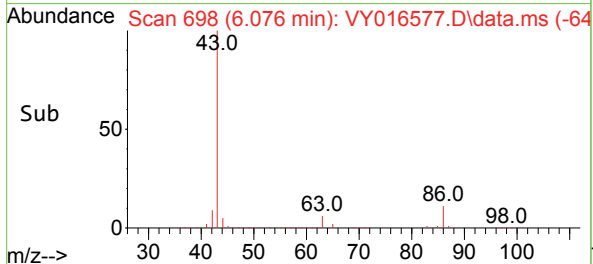
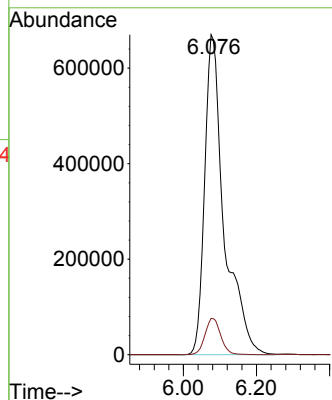
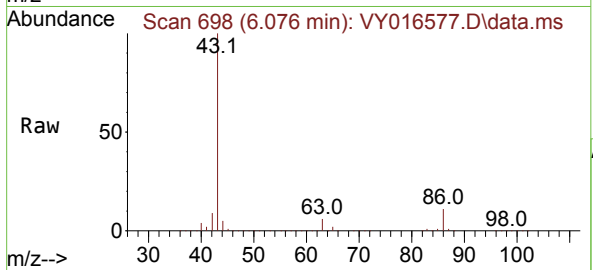




#23
 Vinyl Acetate
 Concen: 771.616 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016577.D
 Acq: 04 Dec 2023 14:16

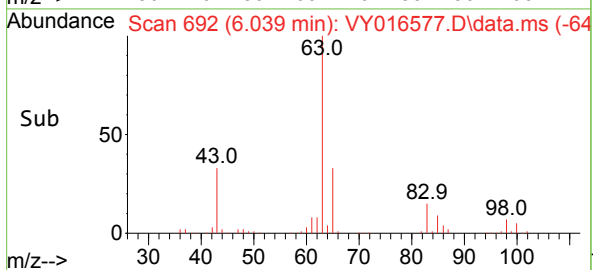
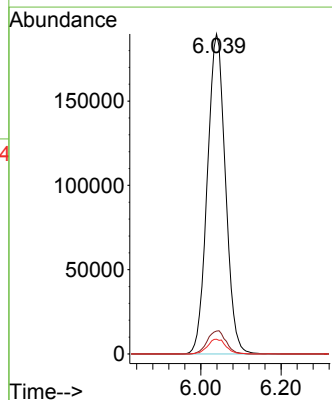
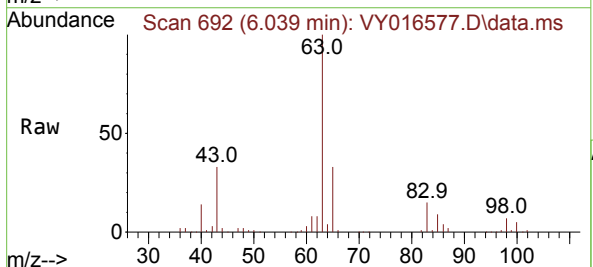
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

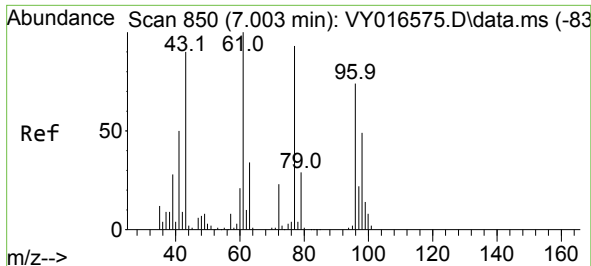
Tgt Ion: 43 Resp: 2477849
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 144.519 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016577.D
 Acq: 04 Dec 2023 14:16

Tgt Ion: 63 Resp: 593912
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.6 1.8 5.5

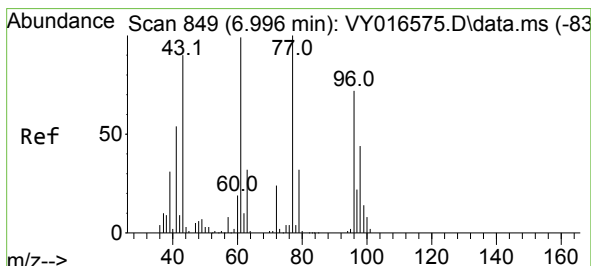
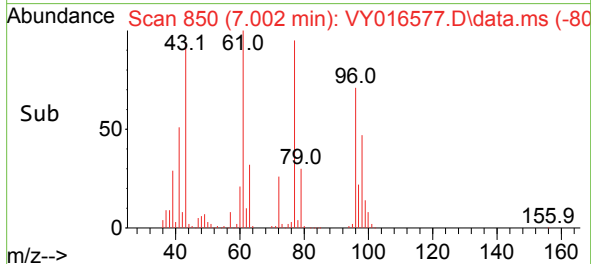
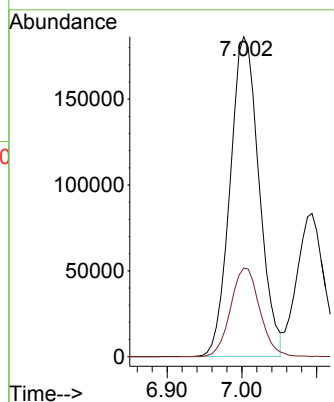
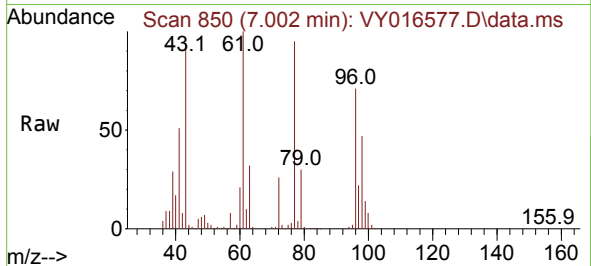




#25
2-Butanone
Concen: 728.894 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

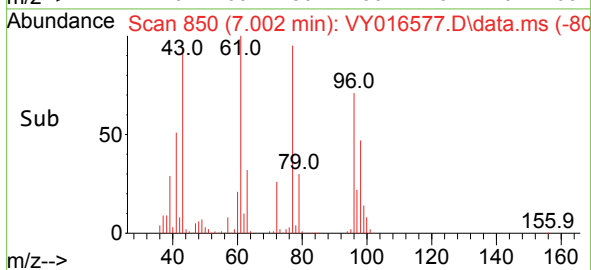
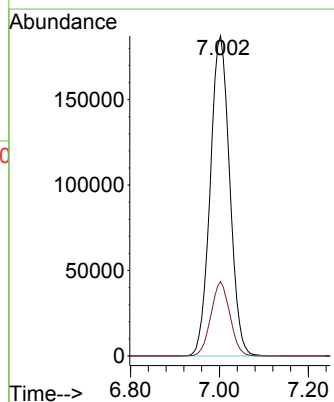
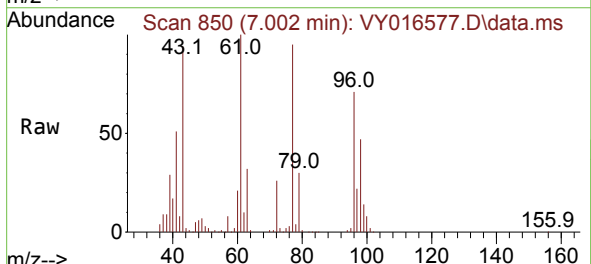
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

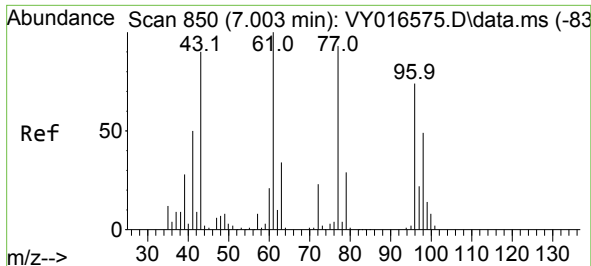
Tgt Ion: 43 Resp: 502731
Ion Ratio Lower Upper
43 100
72 27.7 20.5 30.7



#26
2,2-Dichloropropane
Concen: 147.145 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 77 Resp: 568491
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 148.690 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

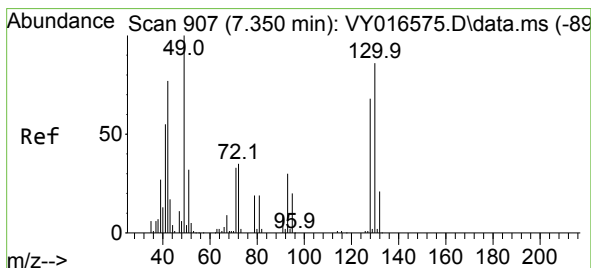
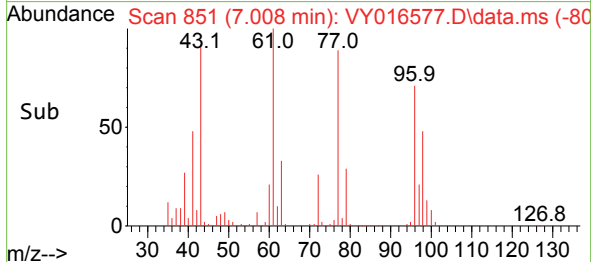
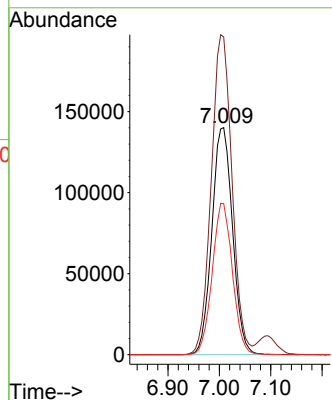
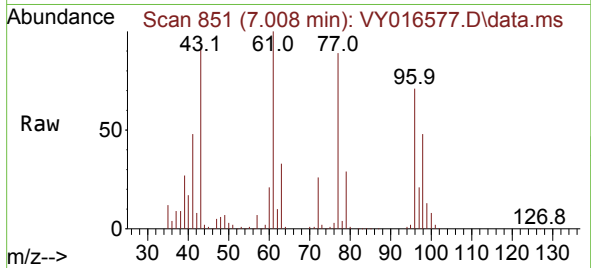
Tgt Ion: 96 Resp: 392265

Ion Ratio Lower Upper

96 100

61 141.2 0.0 301.4

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 145.083 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

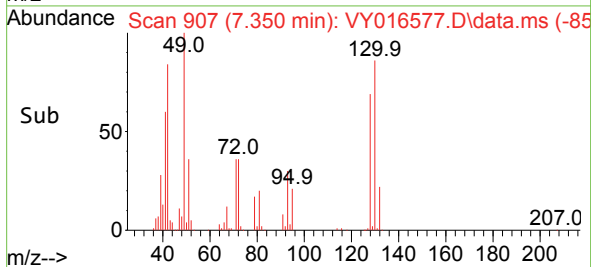
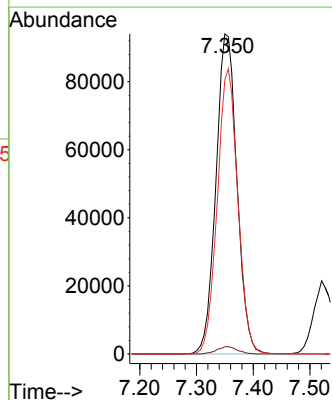
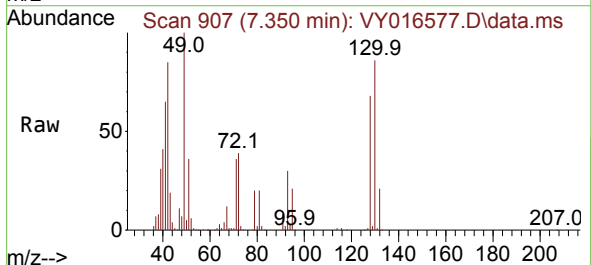
Tgt Ion: 49 Resp: 241506

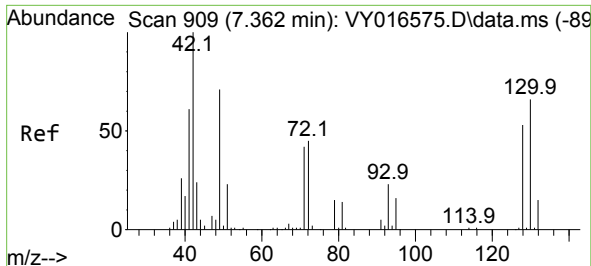
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 87.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 815.249 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

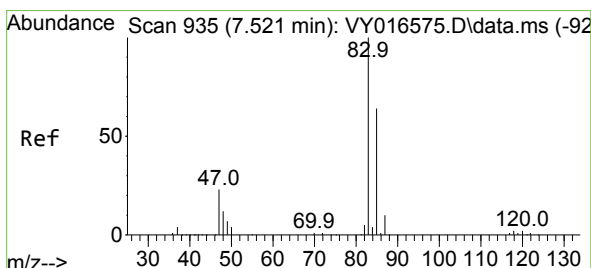
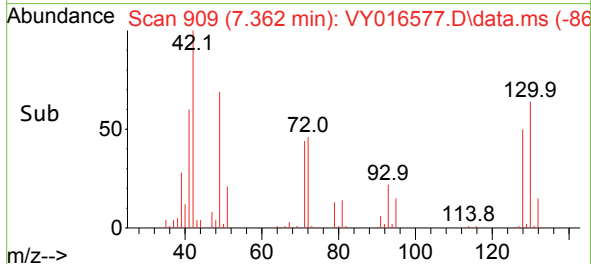
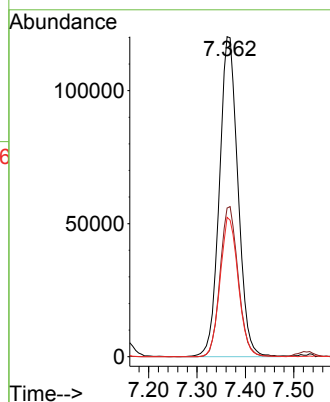
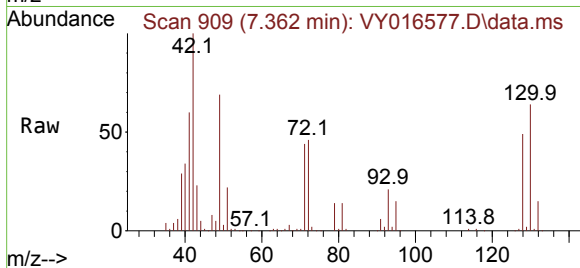
Tgt Ion: 42 Resp: 320582

Ion Ratio Lower Upper

42 100

72 45.6 32.8 49.2

71 42.8 31.0 46.4



#30

Chloroform

Concen: 145.767 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016577.D

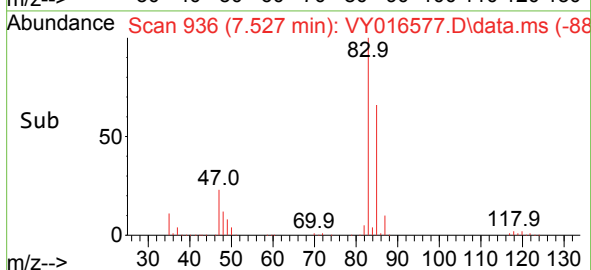
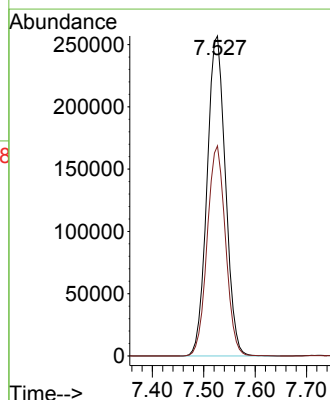
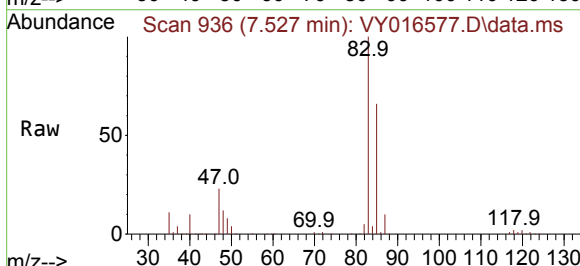
Acq: 04 Dec 2023 14:16

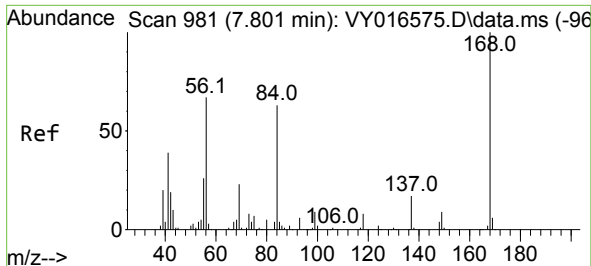
Tgt Ion: 83 Resp: 638557

Ion Ratio Lower Upper

83 100

85 65.7 49.7 74.5

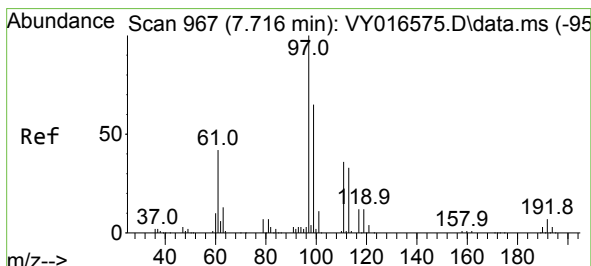
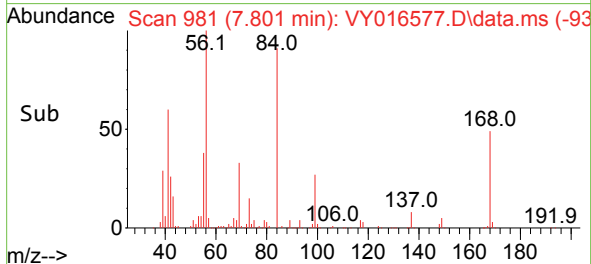
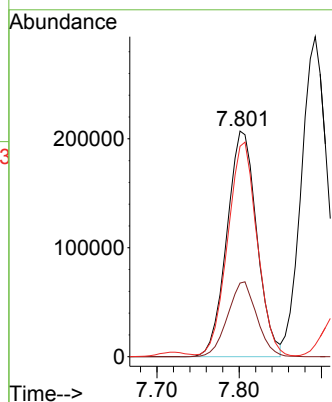
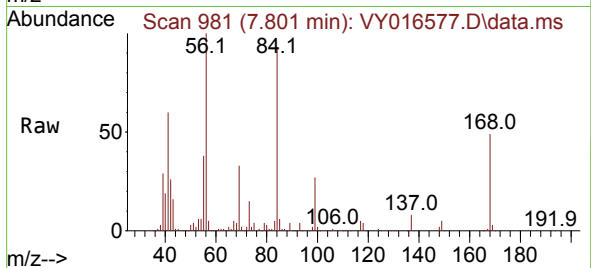




#31
Cyclohexane
Concen: 138.601 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

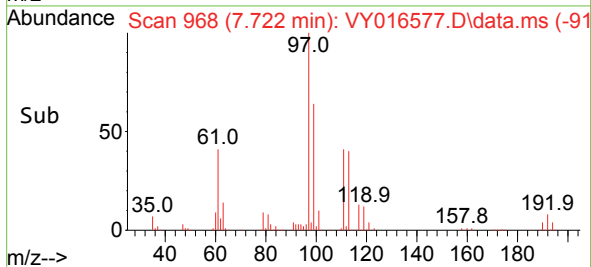
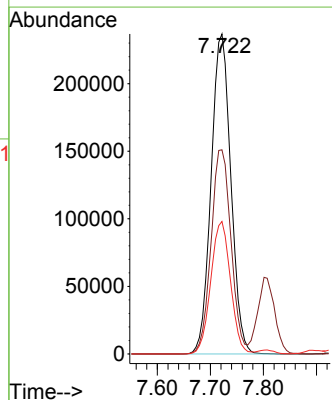
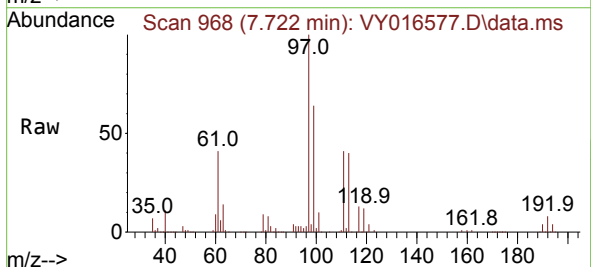
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

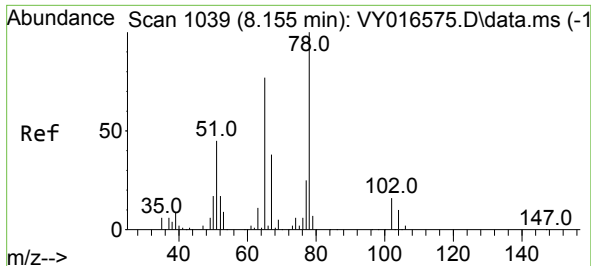
Tgt Ion: 56 Resp: 524461
Ion Ratio Lower Upper
56 100
69 32.6 27.8 41.6
84 91.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 147.434 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 97 Resp: 611235
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 41.5 35.1 52.7

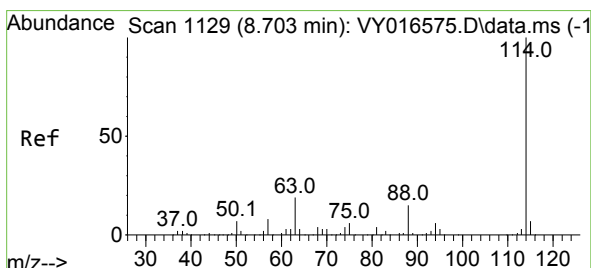
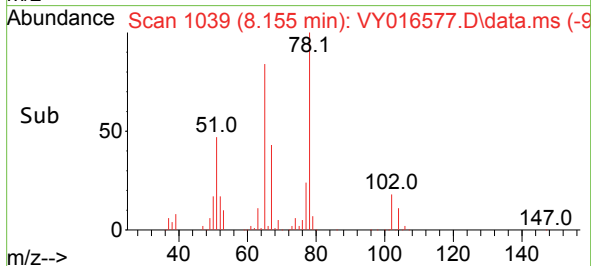
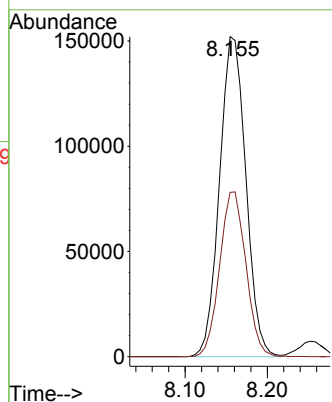
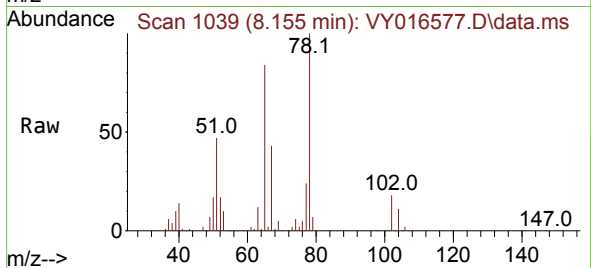




#33
 1,2-Dichloroethane-d4
 Concen: 152.700 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016577.D
 Acq: 04 Dec 2023 14:16

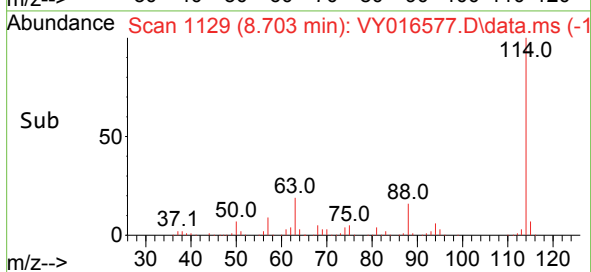
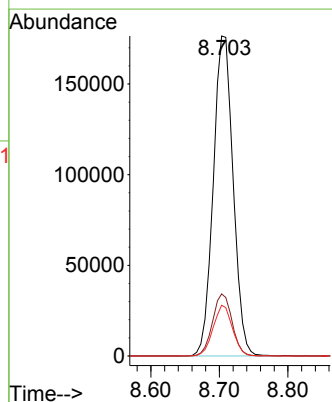
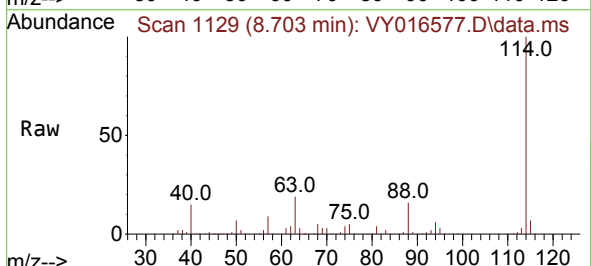
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

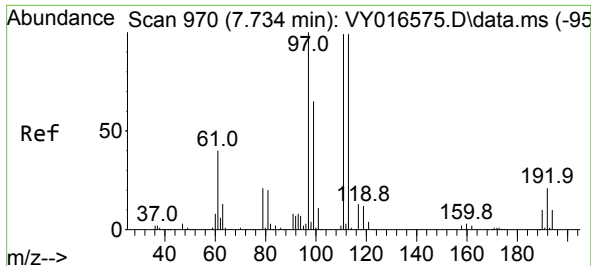
Tgt Ion: 65 Resp: 338469
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016577.D
 Acq: 04 Dec 2023 14:16

Tgt Ion: 114 Resp: 354705
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.8 0.0 30.6

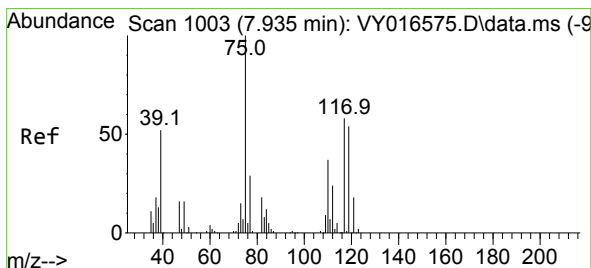
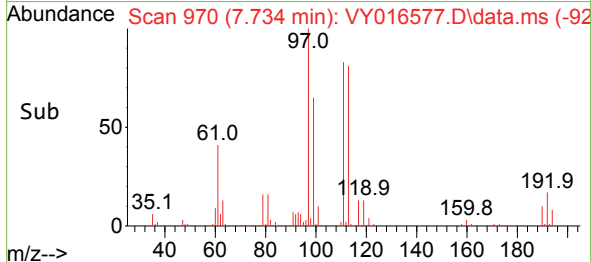
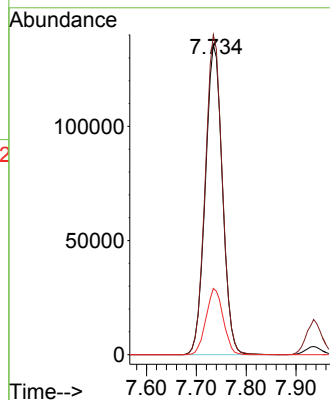
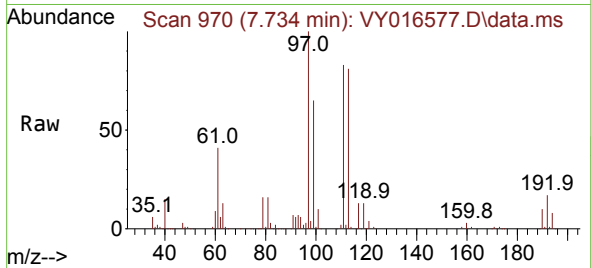




#35
Dibromofluoromethane
Concen: 151.234 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

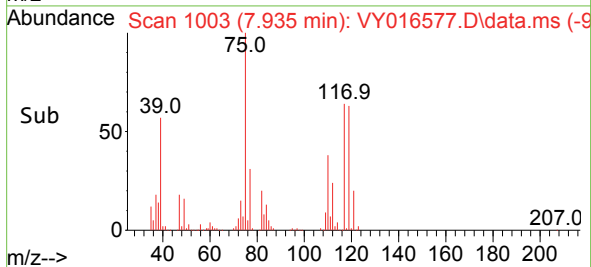
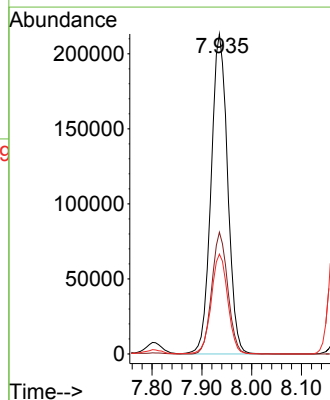
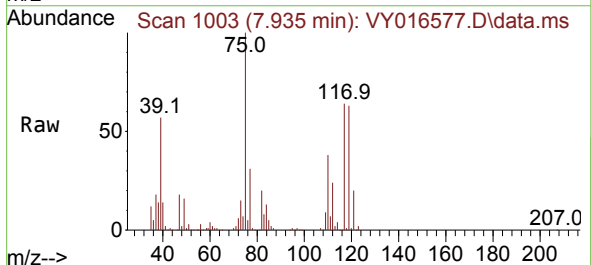
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

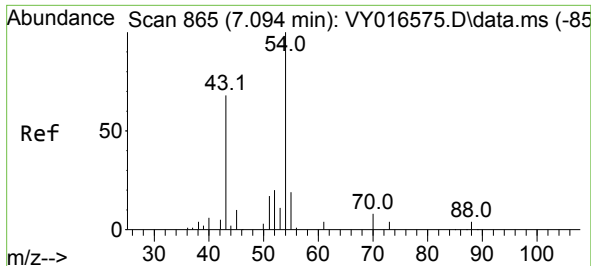
Tgt Ion:113 Resp: 322828
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 151.355 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 75 Resp: 491126
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 31.1 24.4 36.6

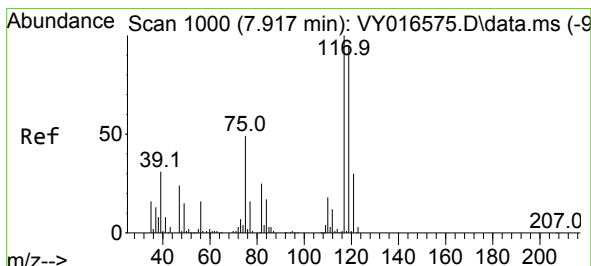
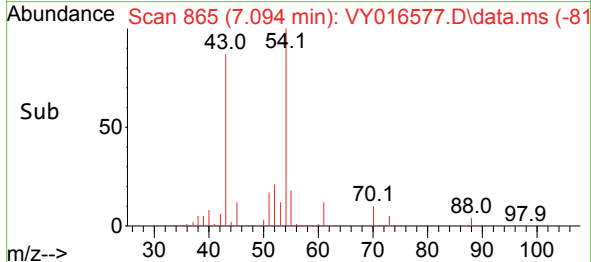
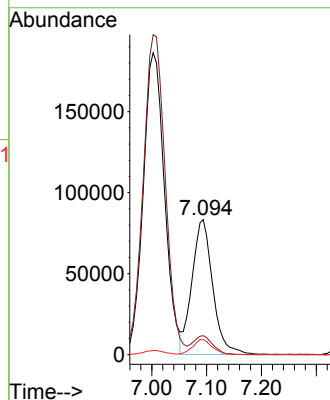
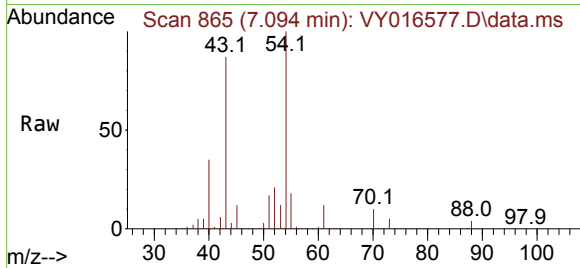




#37
Ethyl Acetate
Concen: 161.648 ug/l
RT: 7.094 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

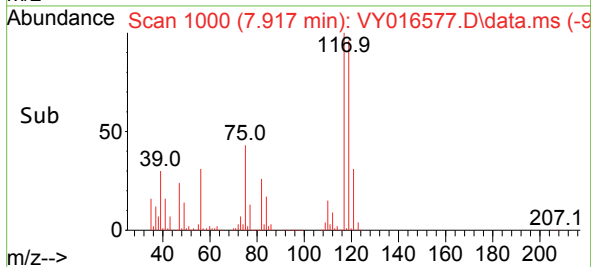
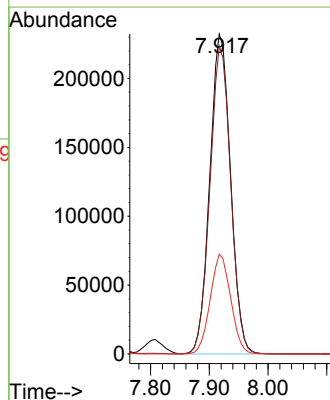
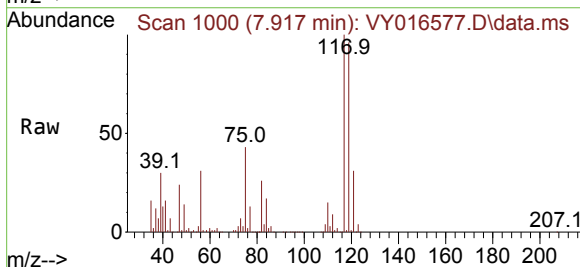
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

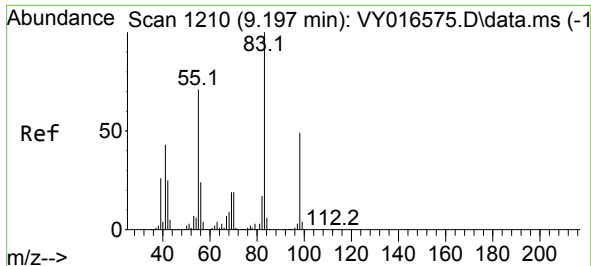
Tgt Ion: 43 Resp: 219483
Ion Ratio Lower Upper
43 100
61 13.6 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 151.980 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 117 Resp: 570911
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6
121 31.2 25.8 38.6

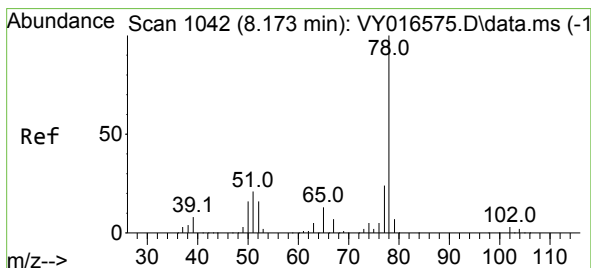
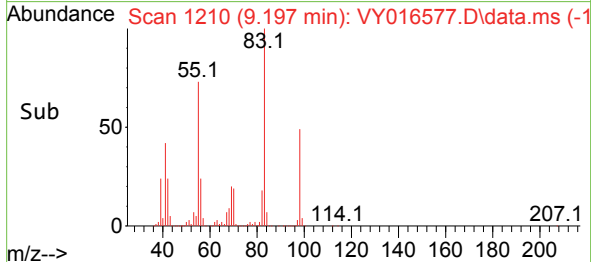
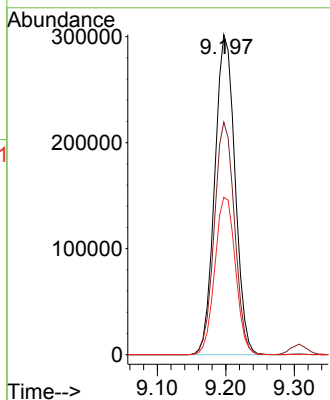
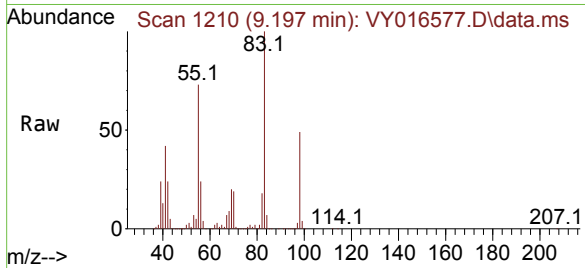




#39
Methylcyclohexane
Concen: 158.183 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

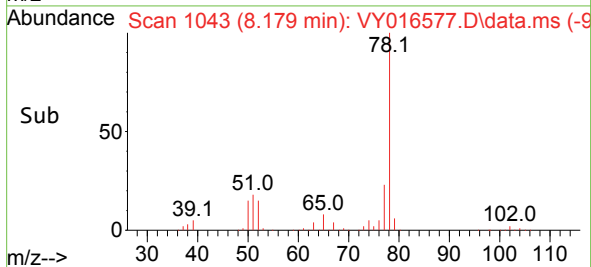
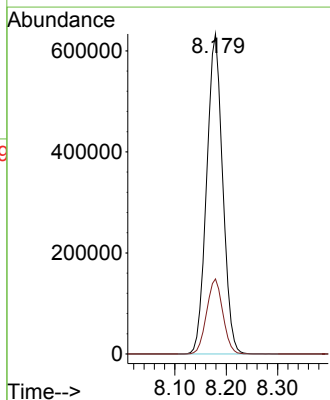
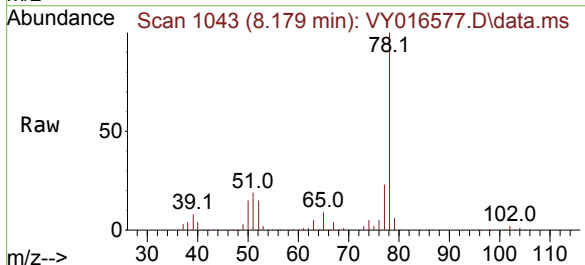
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

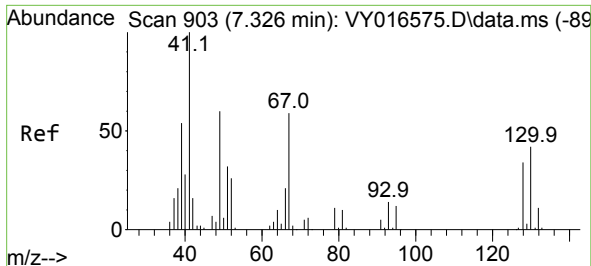
Tgt Ion: 83 Resp: 618416
Ion Ratio Lower Upper
83 100
55 72.6 63.0 94.4
98 49.2 37.4 56.2



#40
Benzene
Concen: 149.817 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 78 Resp: 1370239
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



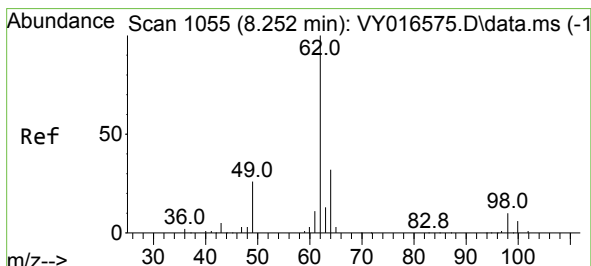
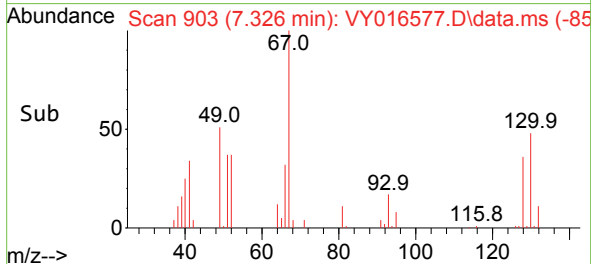
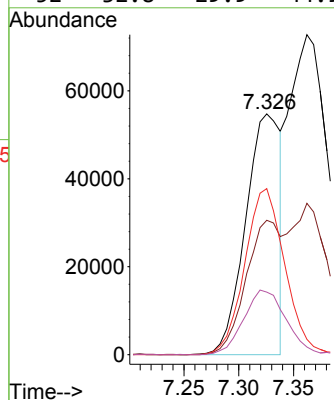
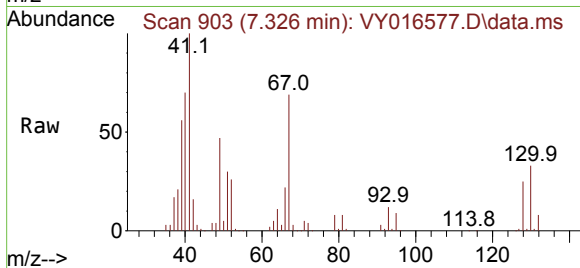


#41
Methacrylonitrile
Concen: 158.546 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 121225

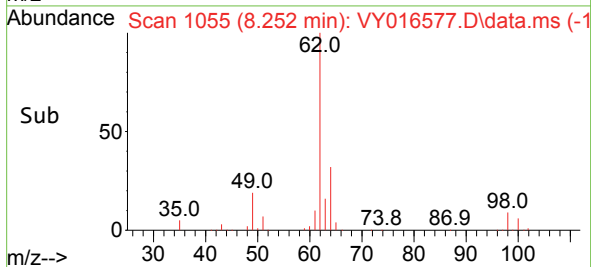
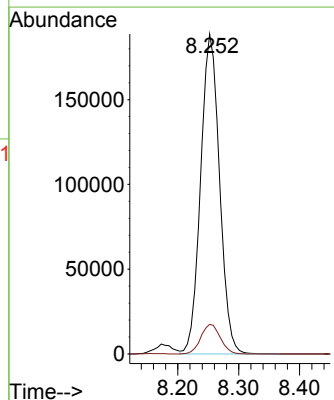
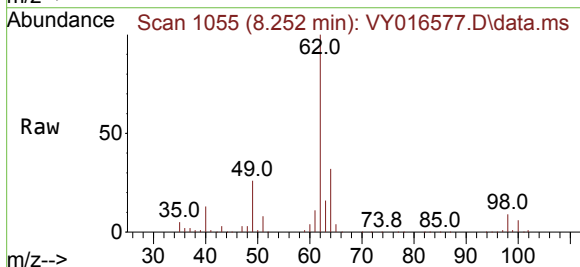
Ion	Ratio	Lower	Upper
41	100		
39	54.8	52.1	78.1
67	79.6	66.2	99.2
52	32.8	29.9	44.9

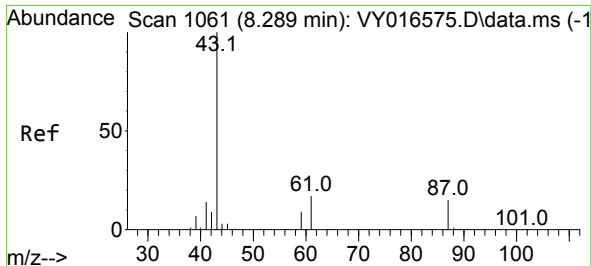


#42
1,2-Dichloroethane
Concen: 153.286 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 62 Resp: 407083

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	15.8

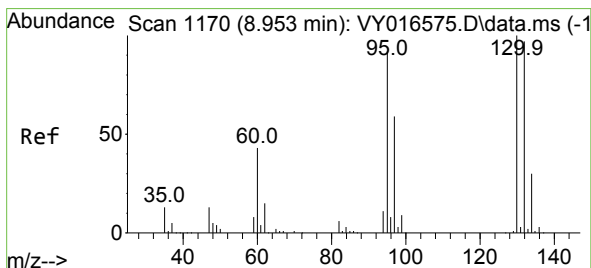
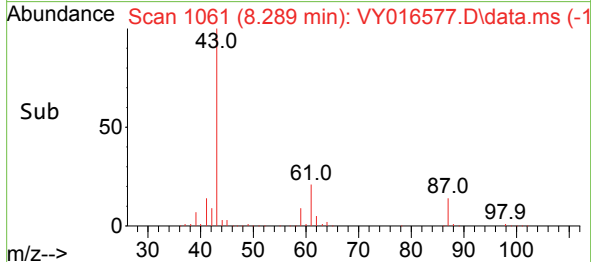
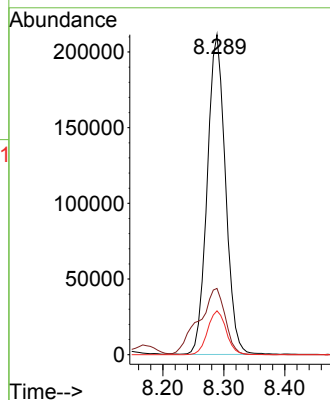
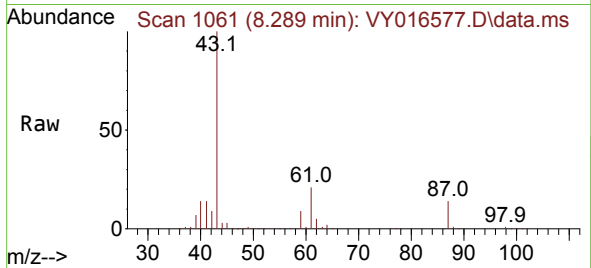




#43
Isopropyl Acetate
Concen: 167.246 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

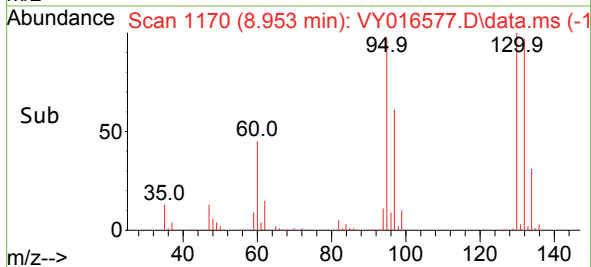
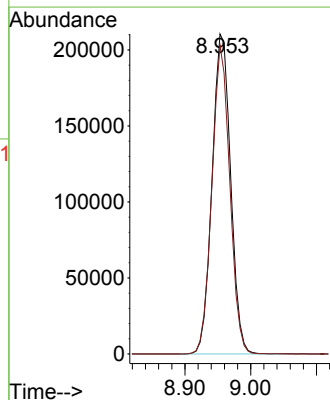
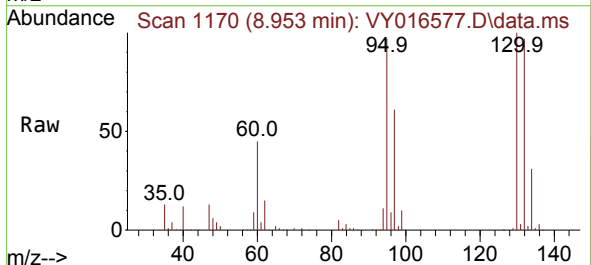
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

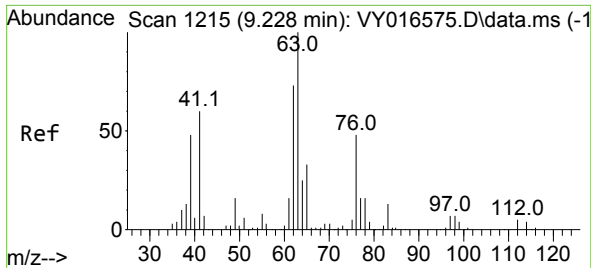
Tgt Ion: 43 Resp: 438066
Ion Ratio Lower Upper
43 100
61 30.2 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 149.686 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion:130 Resp: 412866
Ion Ratio Lower Upper
130 100
95 96.5 0.0 196.0

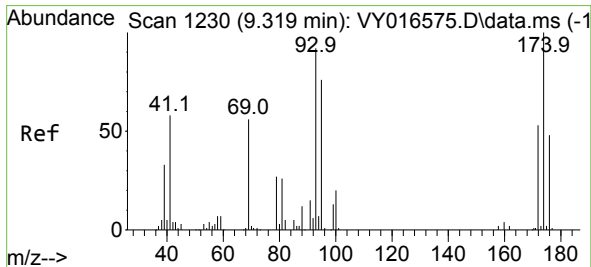
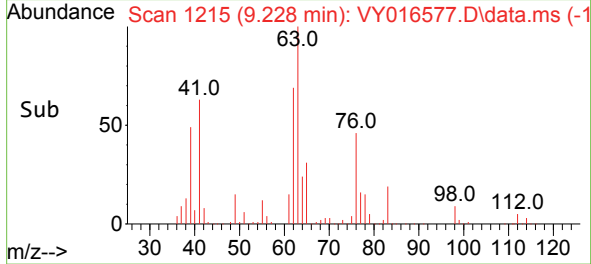
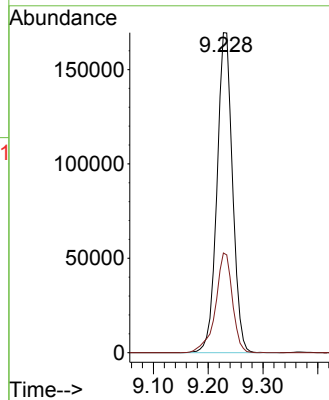
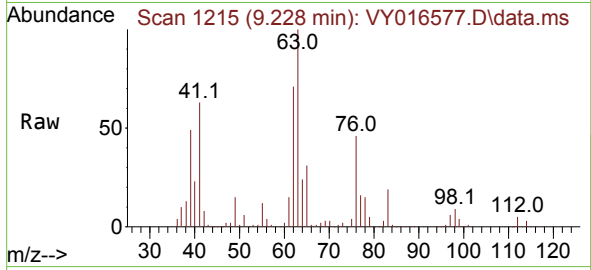




#45
1,2-Dichloropropane
Concen: 151.706 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

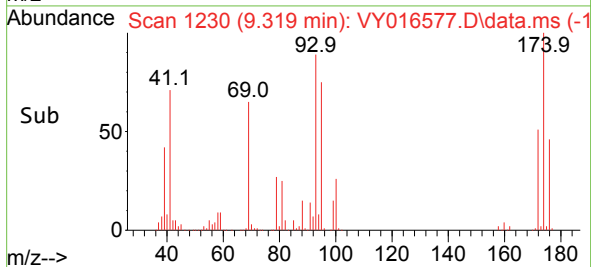
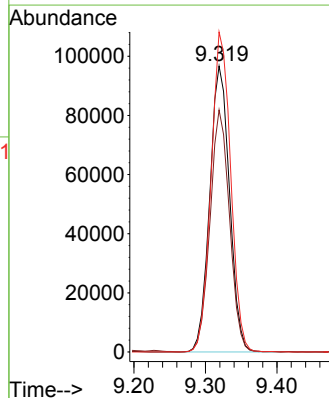
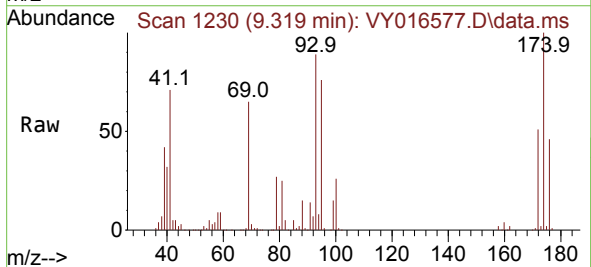
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

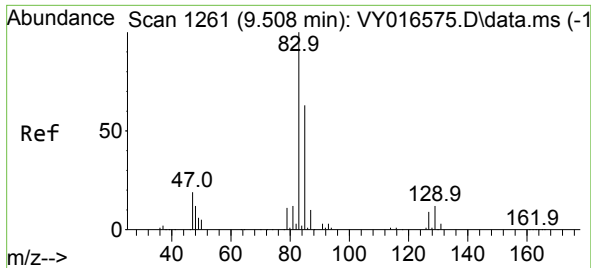
Tgt Ion: 63 Resp: 334050
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 153.934 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 93 Resp: 185819
Ion Ratio Lower Upper
93 100
95 83.4 66.6 100.0
174 111.1 84.8 127.2

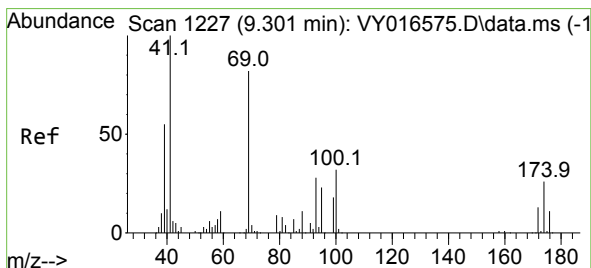
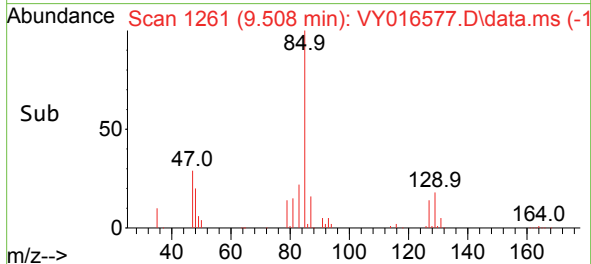
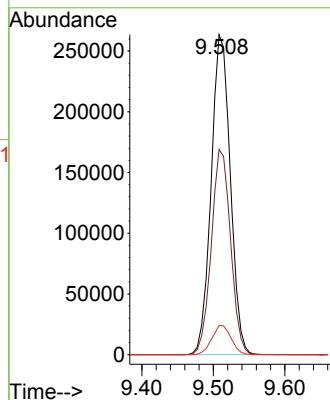
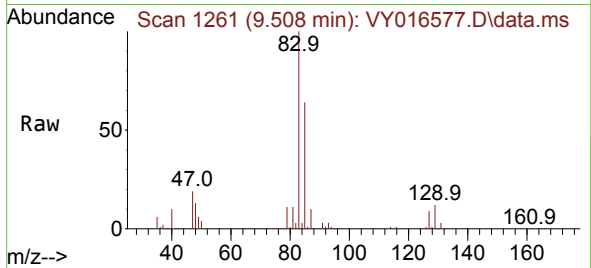




#47
Bromodichloromethane
Concen: 152.416 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

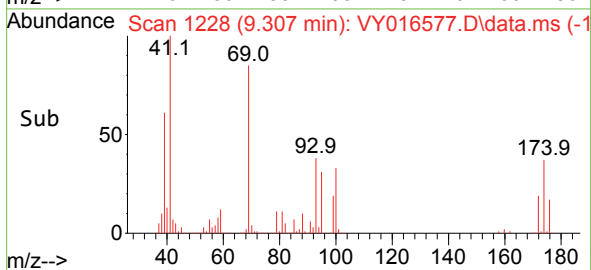
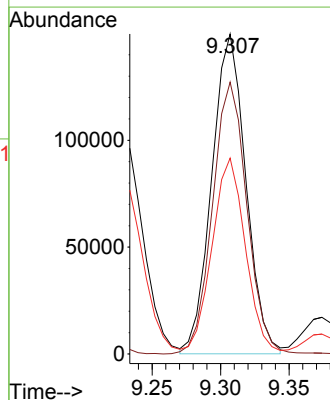
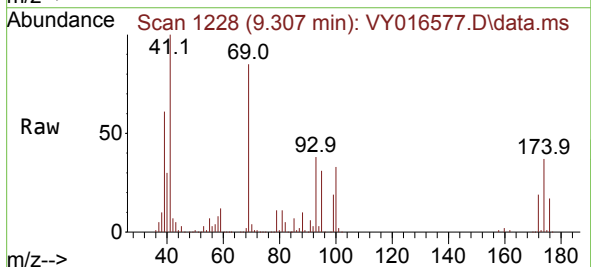
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

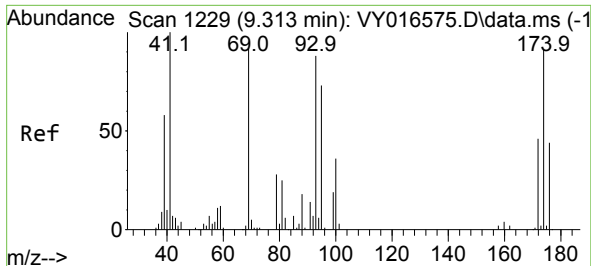
Tgt Ion: 83 Resp: 489818
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 171.050 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 41 Resp: 258746
Ion Ratio Lower Upper
41 100
69 86.0 64.5 96.7
39 57.8 50.8 76.2

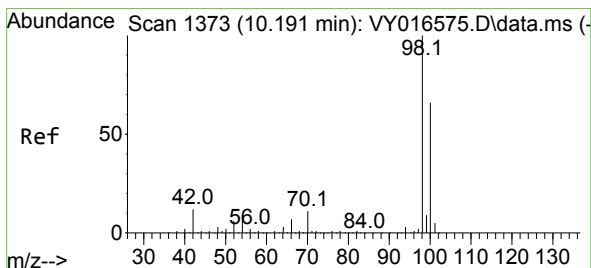
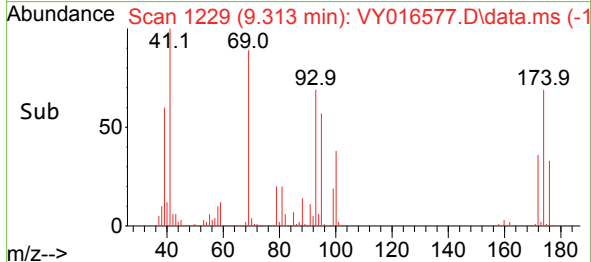
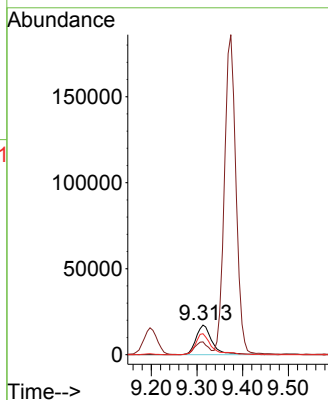
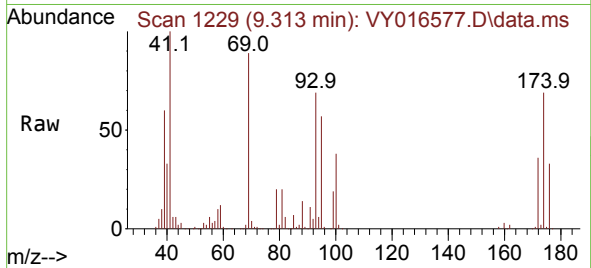




#49
1,4-Dioxane
Concen: 3441.163 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

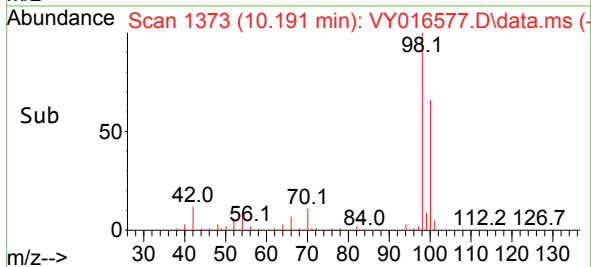
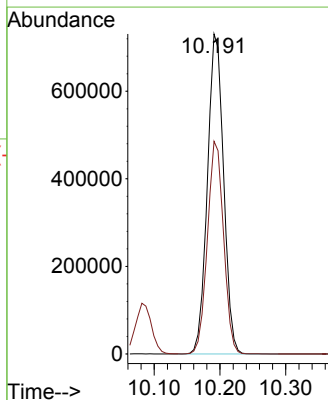
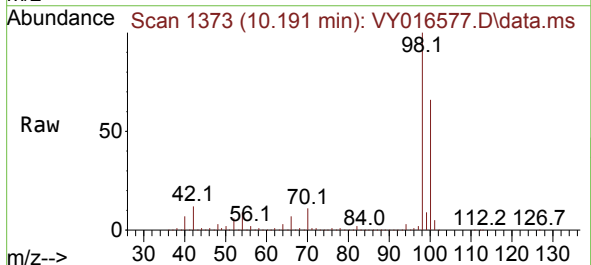
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

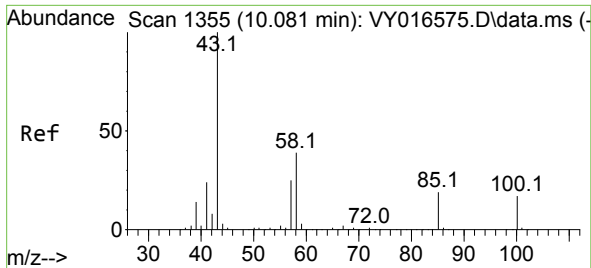
Tgt Ion: 88 Resp: 42045
Ion Ratio Lower Upper
88 100
43 34.8 0.0 0.0#
58 70.2 30.9 46.3#



#50
Toluene-d8
Concen: 155.021 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 98 Resp: 1251689
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

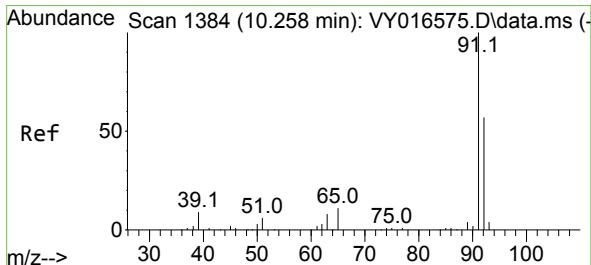
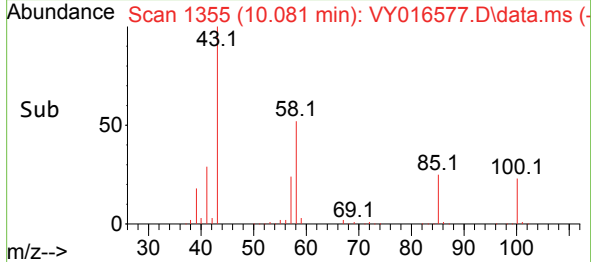
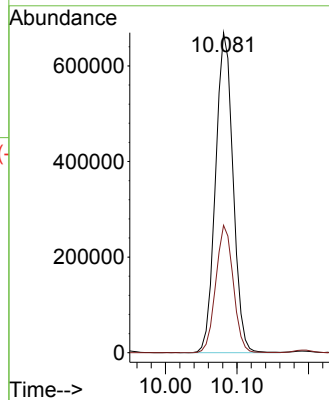
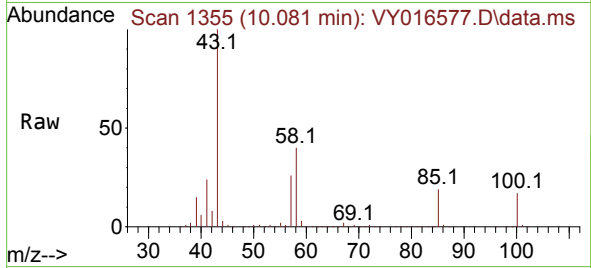




#51
4-Methyl-2-Pentanone
Concen: 834.733 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

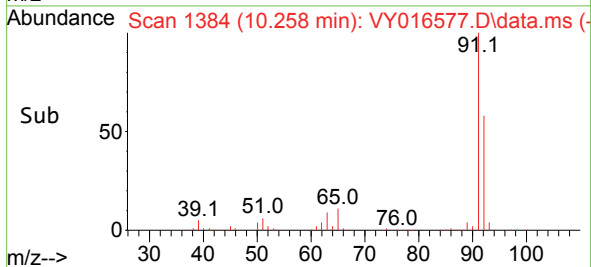
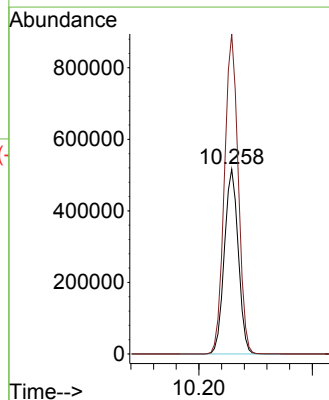
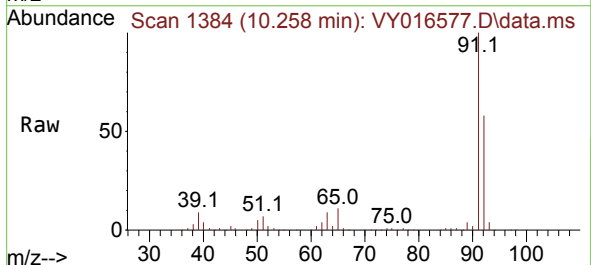
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

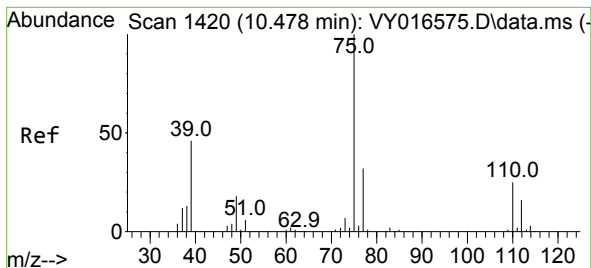
Tgt Ion: 43 Resp: 1136254
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 153.023 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 92 Resp: 877174
Ion Ratio Lower Upper
92 100
91 172.1 143.8 215.6

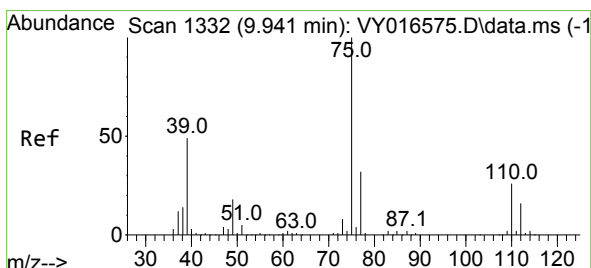
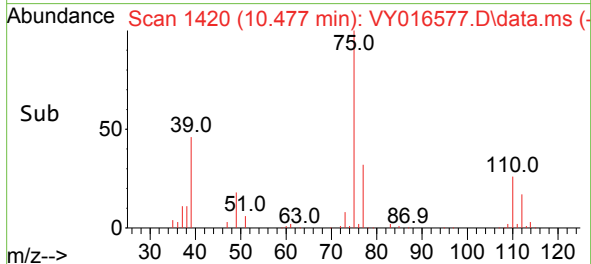
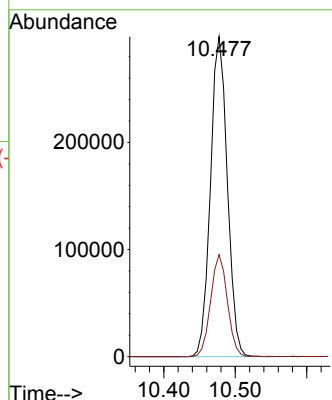
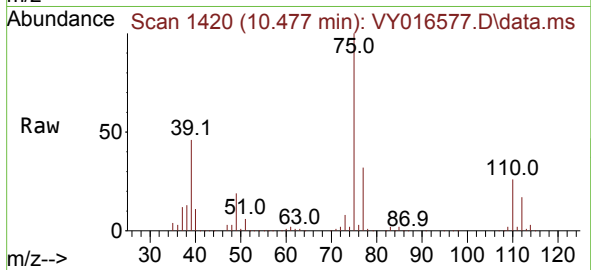




#53
 t-1,3-Dichloropropene
 Concen: 161.423 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016577.D
 Acq: 04 Dec 2023 14:16

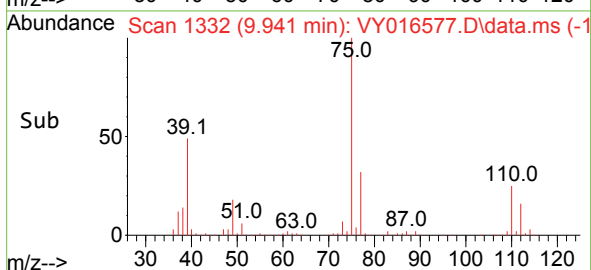
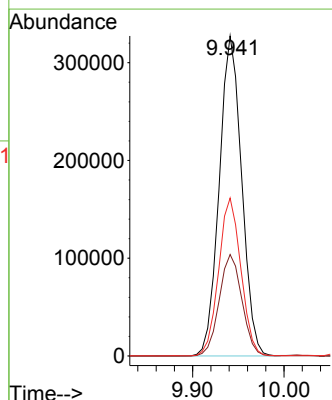
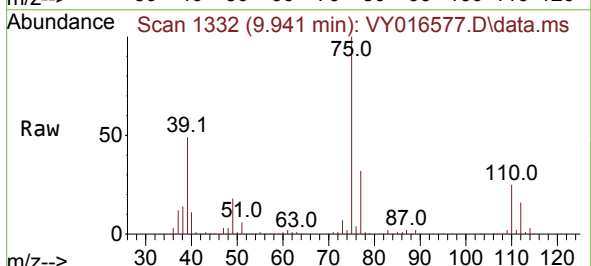
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

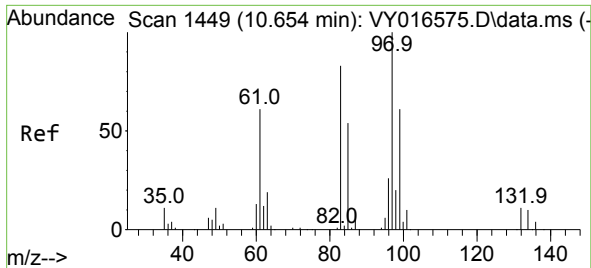
Tgt Ion: 75 Resp: 489584
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 156.812 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016577.D
 Acq: 04 Dec 2023 14:16

Tgt Ion: 75 Resp: 558565
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 49.3 42.2 63.4



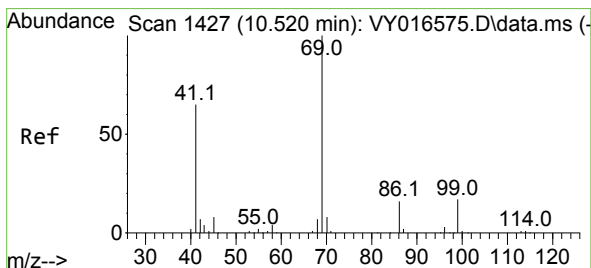
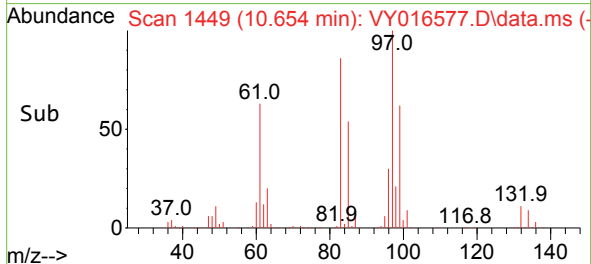
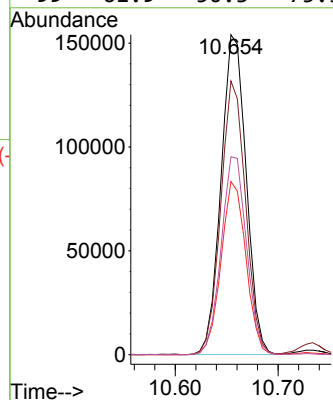
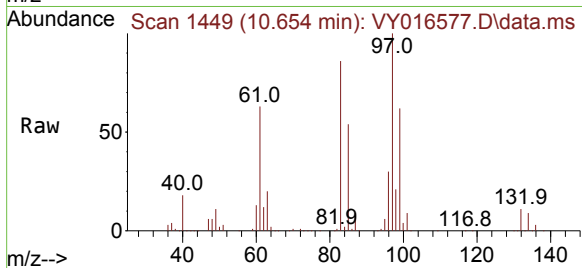


#55
1,1,2-Trichloroethane
Concen: 155.570 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 261593

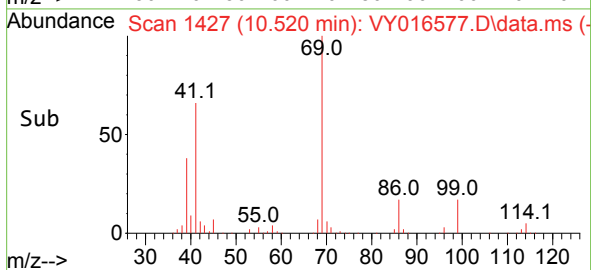
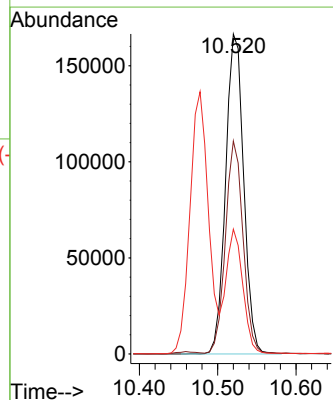
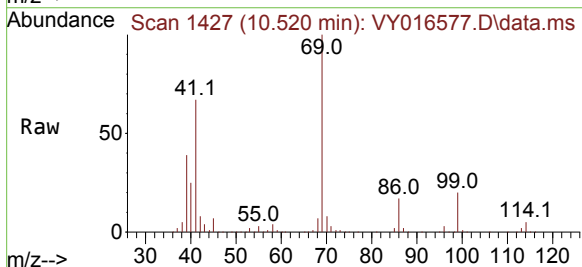
Ion	Ratio	Lower	Upper
97	100		
83	85.5	72.0	108.0
85	54.1	45.4	68.0
99	61.9	50.3	75.5

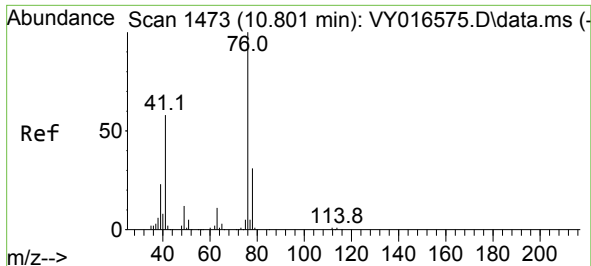


#56
Ethyl methacrylate
Concen: 173.243 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 69 Resp: 267024

Ion	Ratio	Lower	Upper
69	100		
41	64.7	57.6	86.4
39	35.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 157.368 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

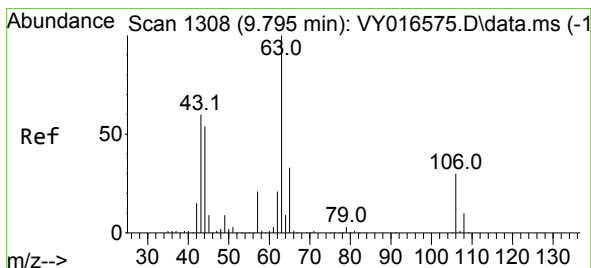
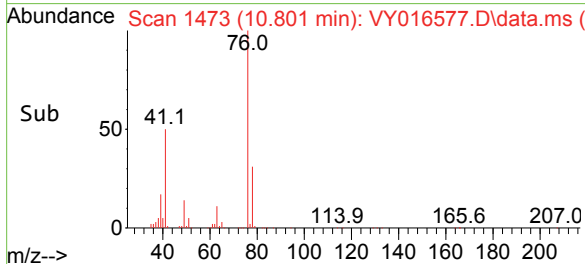
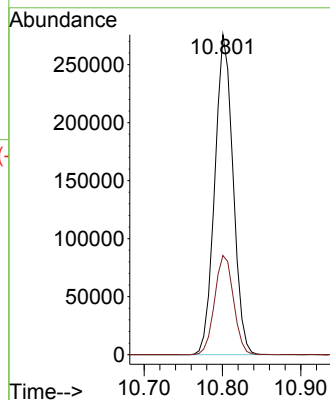
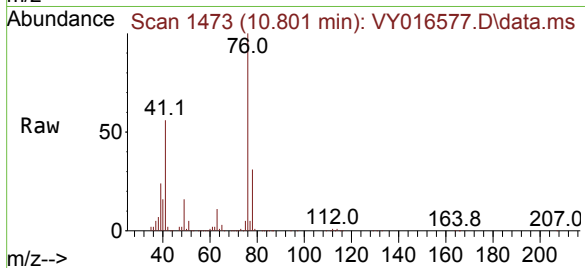
VSTDIC150

Tgt Ion: 76 Resp: 447019

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 877.709 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016577.D

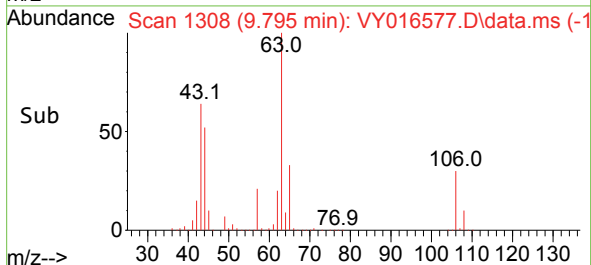
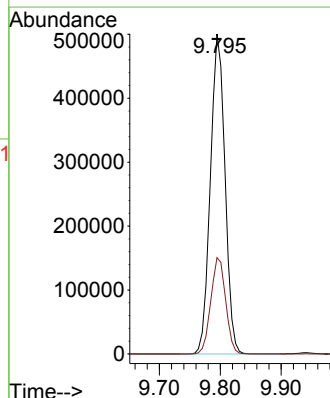
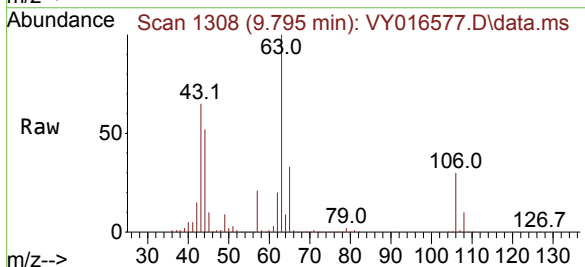
Acq: 04 Dec 2023 14:16

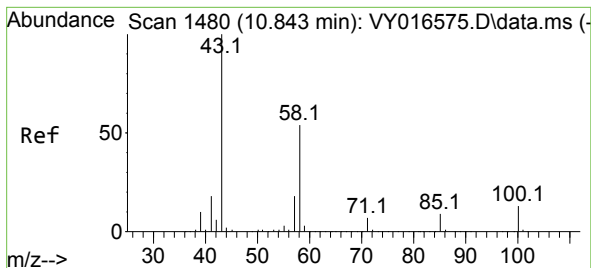
Tgt Ion: 63 Resp: 833699

Ion Ratio Lower Upper

63 100

106 30.5 21.2 31.8

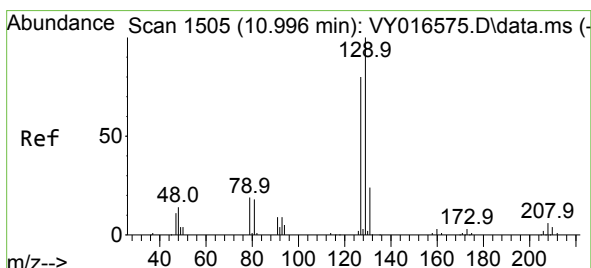
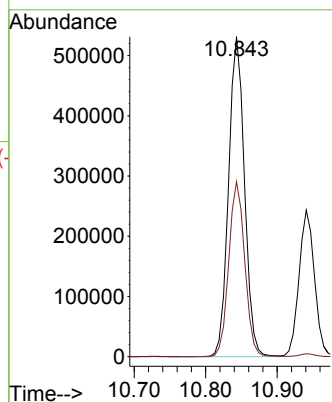
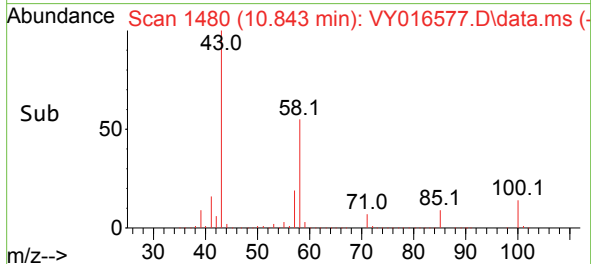
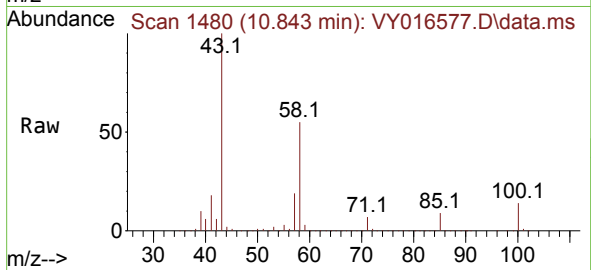




#59
2-Hexanone
Concen: 797.685 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

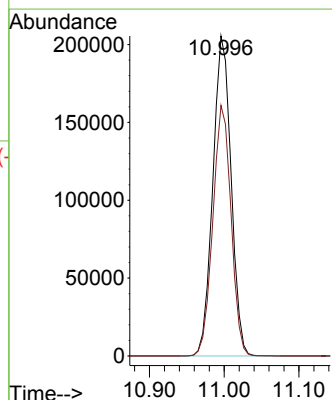
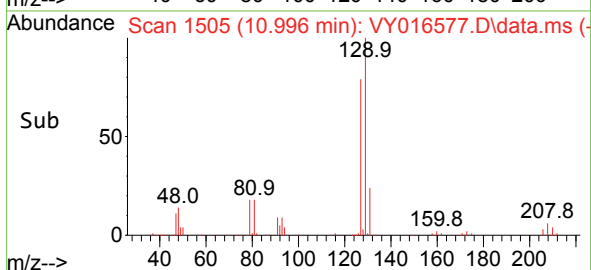
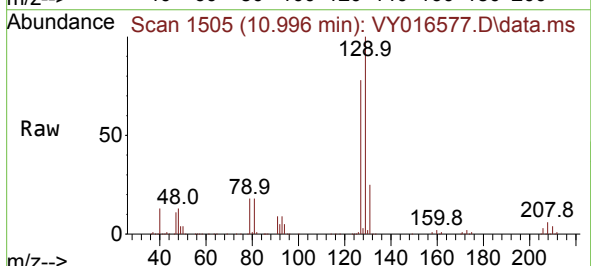
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

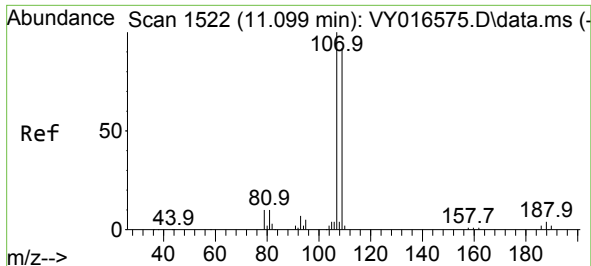
Tgt Ion: 43 Resp: 821408
Ion Ratio Lower Upper
43 100
58 54.8 25.1 75.3



#60
Dibromochloromethane
Concen: 154.730 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 129 Resp: 347635
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

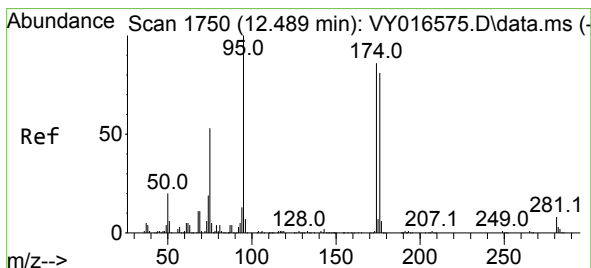
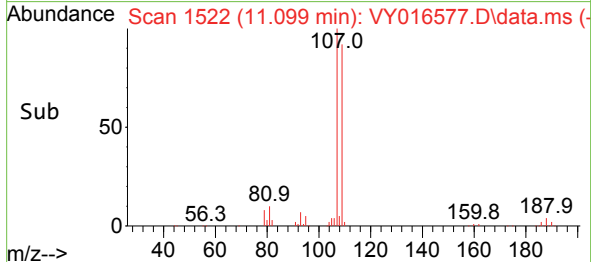
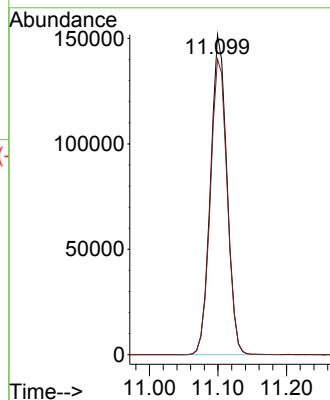
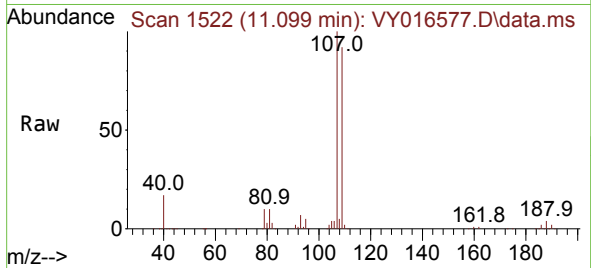




#61
1,2-Dibromoethane
Concen: 159.513 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

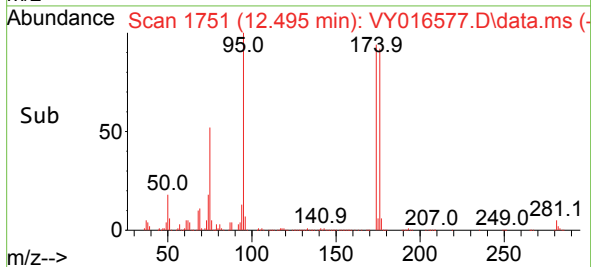
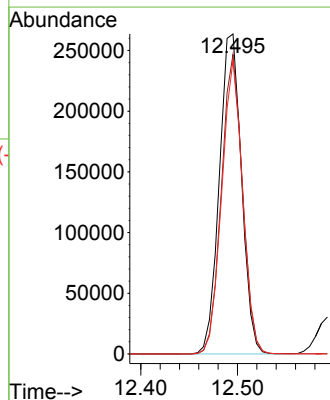
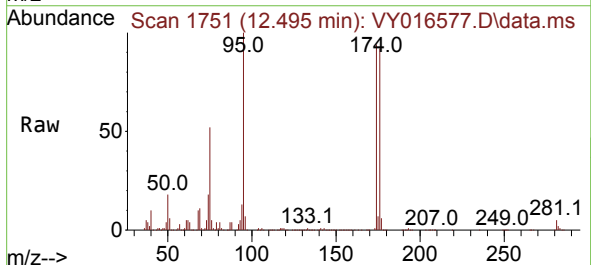
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

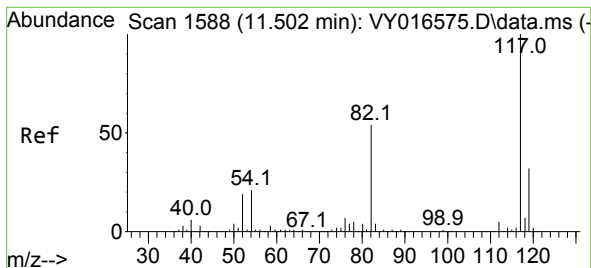
Tgt Ion:107 Resp: 252280
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 157.593 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion: 95 Resp: 418453
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.2
176 86.5 0.0 173.8

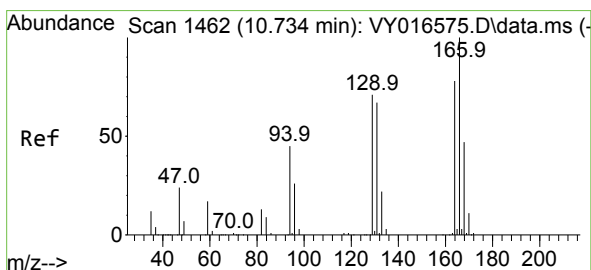
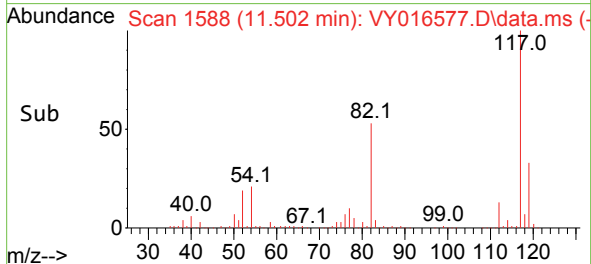
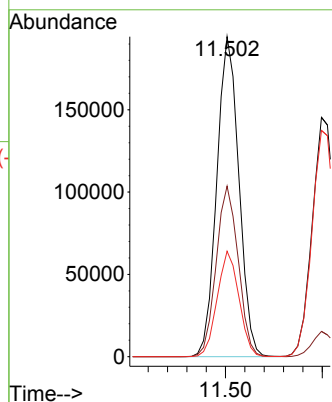
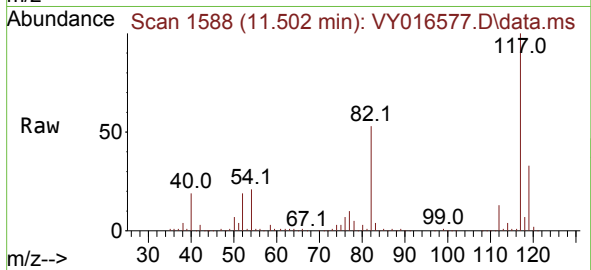




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

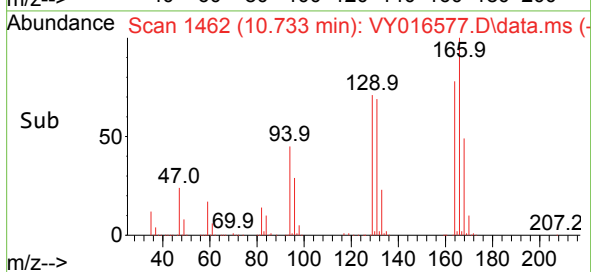
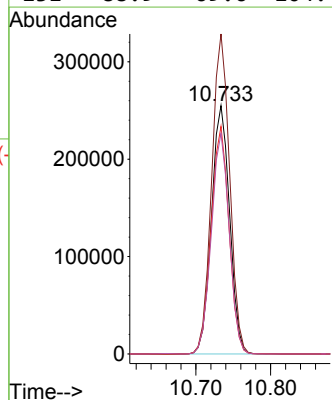
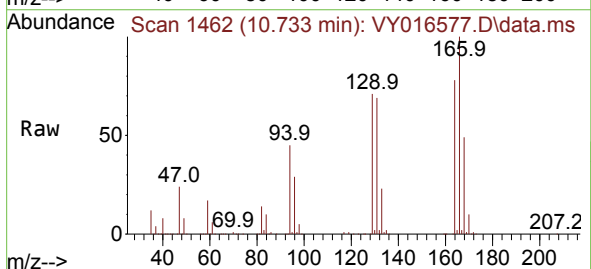
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

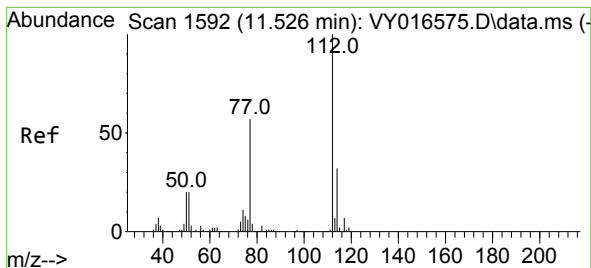
Tgt Ion:117 Resp: 308010
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 33.0 26.3 39.5



#64
Tetrachloroethene
Concen: 152.291 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion:164 Resp: 429892
Ion Ratio Lower Upper
164 100
166 128.9 103.0 154.6
129 91.6 77.2 115.8
131 88.9 69.6 104.4

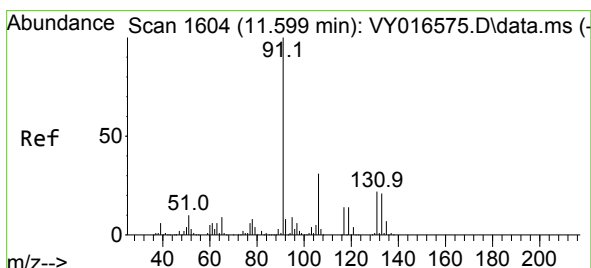
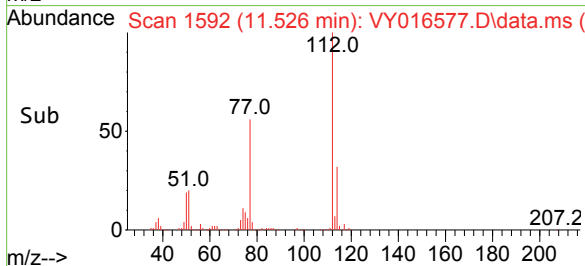
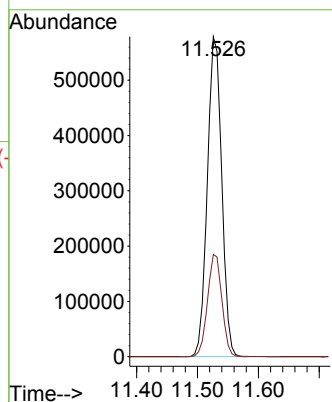
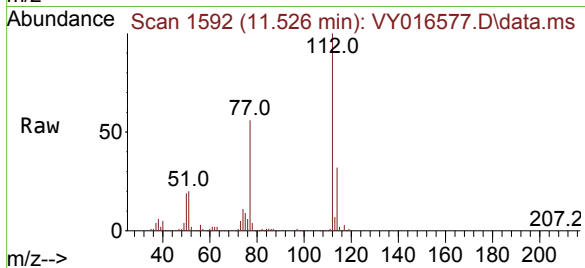




#65
Chlorobenzene
Concen: 152.016 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

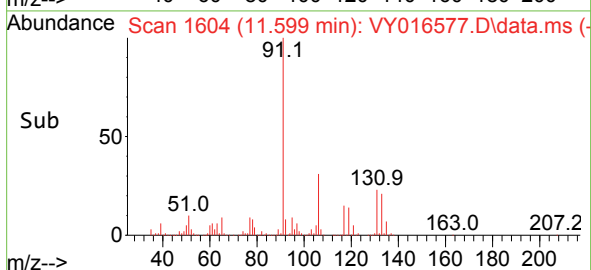
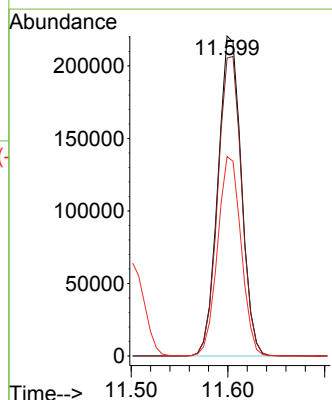
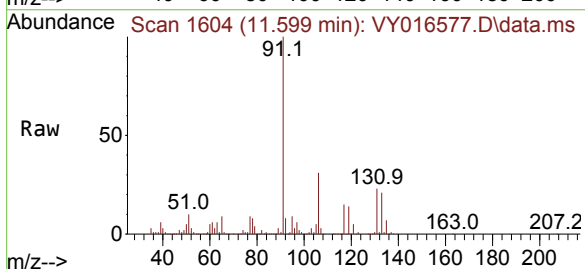
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

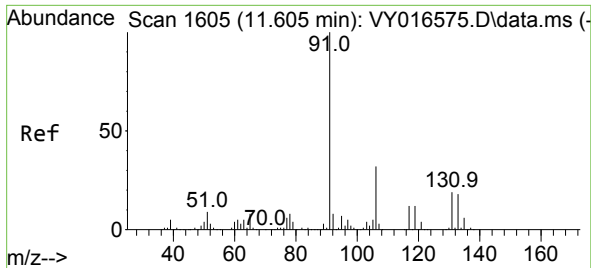
Tgt Ion:112 Resp: 948356
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 151.638 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion:131 Resp: 369740
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 62.8 31.6 94.7

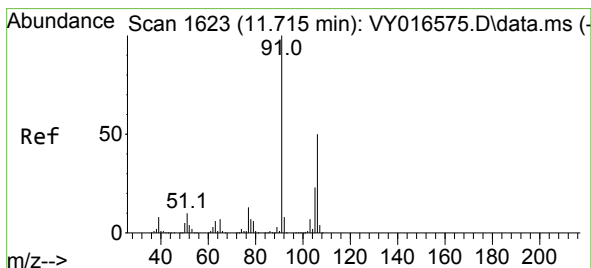
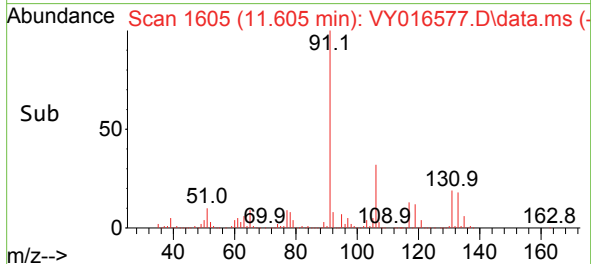
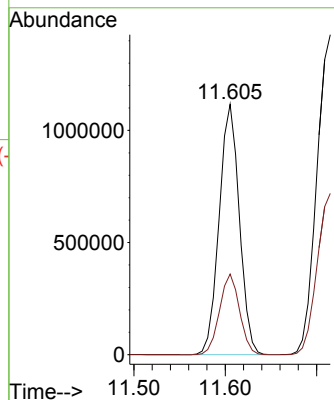
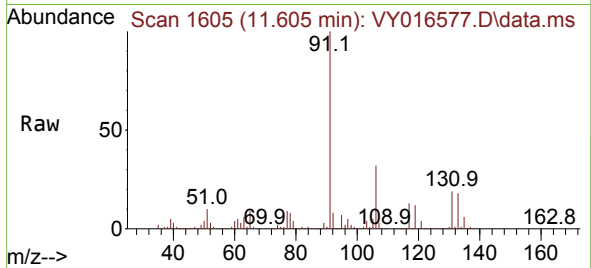




#67
Ethyl Benzene
Concen: 153.319 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

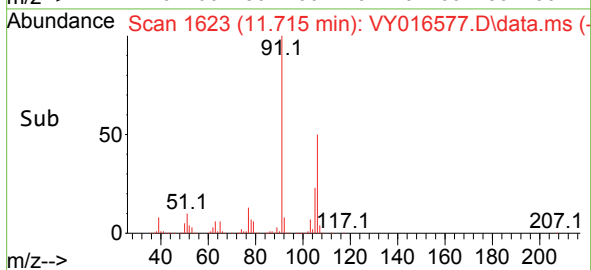
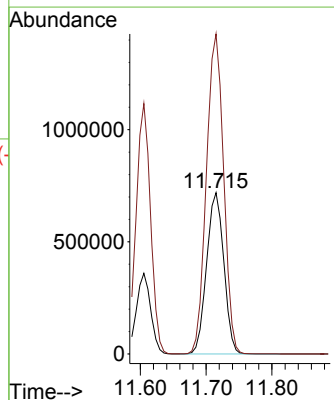
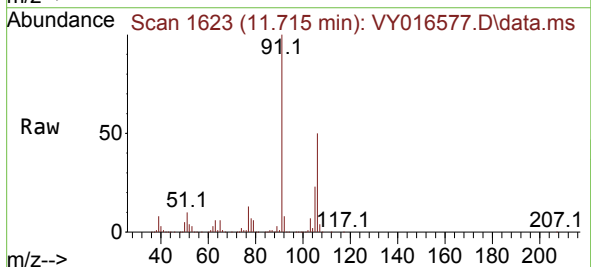
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

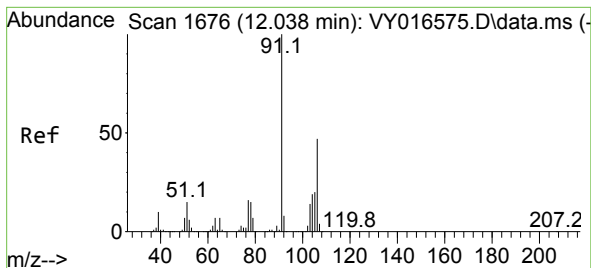
Tgt Ion: 91 Resp: 1715396
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 307.349 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion:106 Resp: 1305427
Ion Ratio Lower Upper
106 100
91 199.5 166.1 249.1

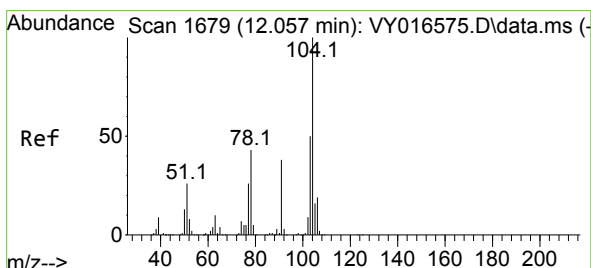
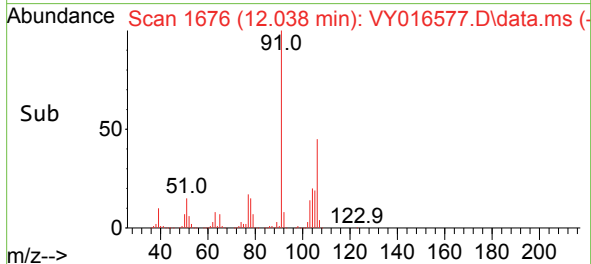
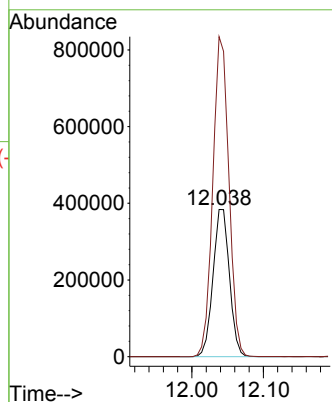
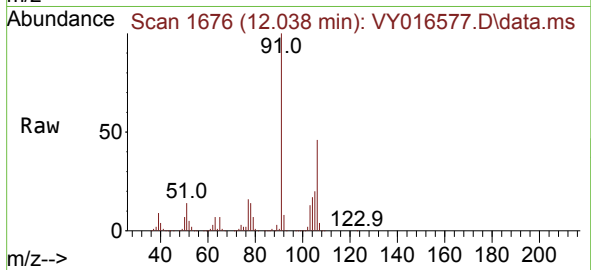




#69
o-Xylene
Concen: 154.451 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

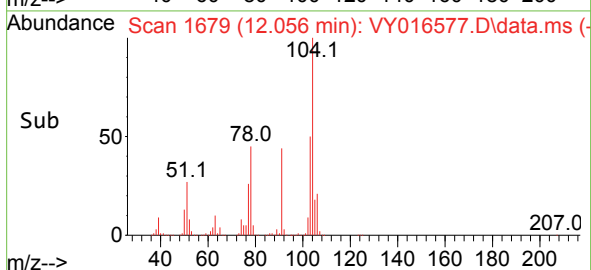
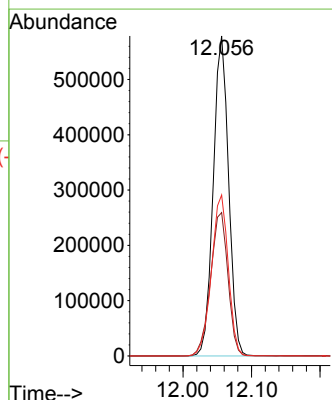
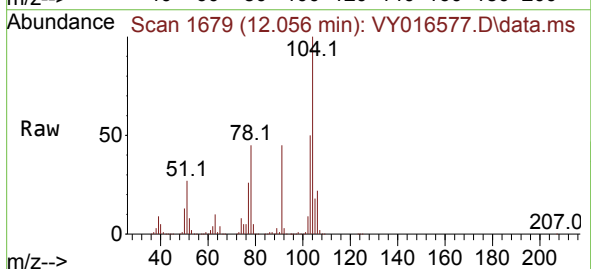
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

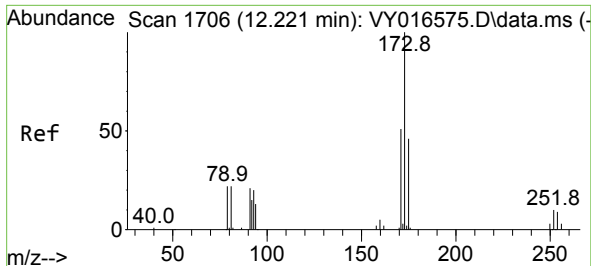
Tgt Ion:106 Resp: 612400
Ion Ratio Lower Upper
106 100
91 212.8 108.1 324.3



#70
Styrene
Concen: 158.508 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion:104 Resp: 901743
Ion Ratio Lower Upper
104 100
78 50.8 41.5 62.3
103 55.1 44.6 67.0

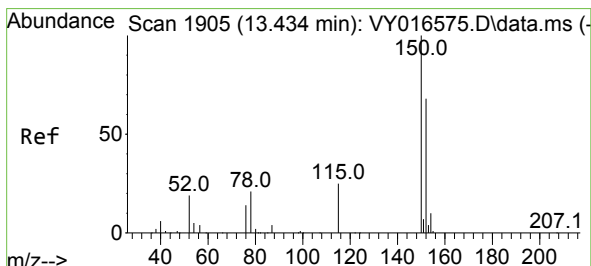
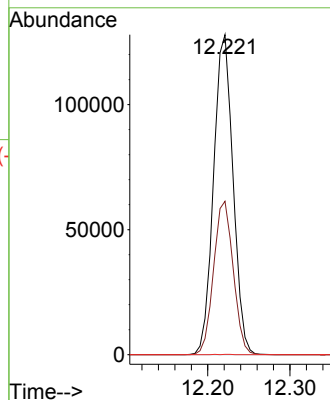
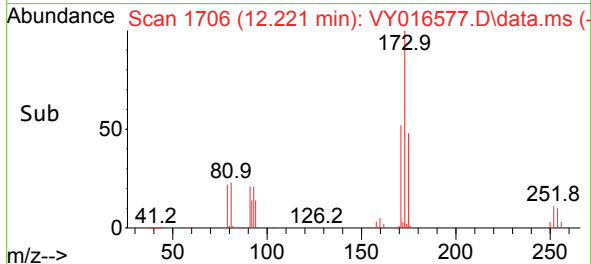
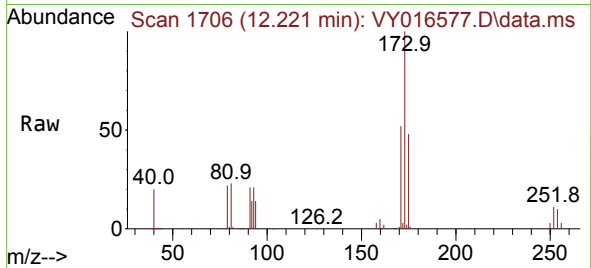




#71
Bromoform
Concen: 159.451 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

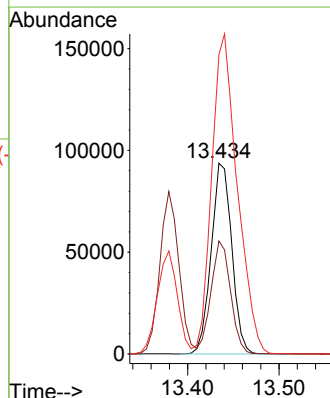
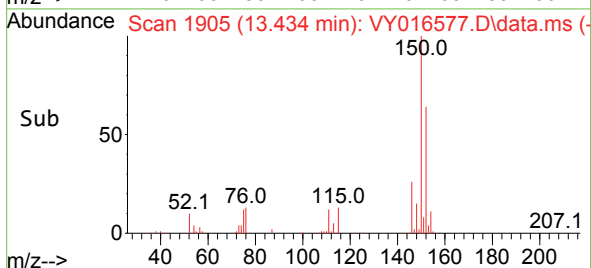
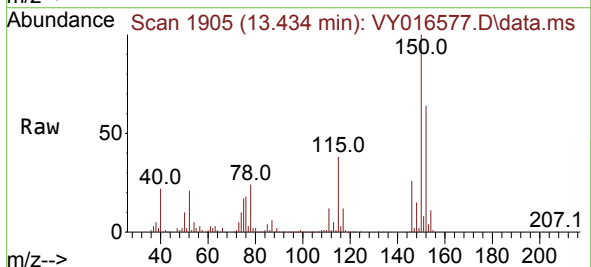
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

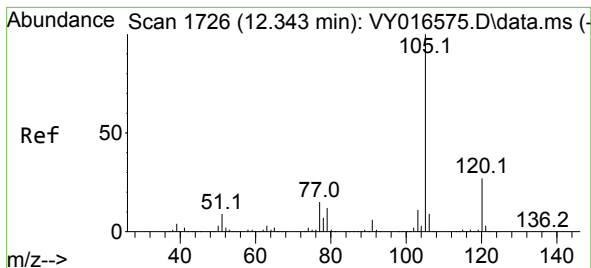
Tgt Ion:173 Resp: 209938
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion:152 Resp: 146553
Ion Ratio Lower Upper
152 100
115 56.0 28.8 86.5
150 208.5 0.0 348.8





#73

Isopropylbenzene

Concen: 153.947 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

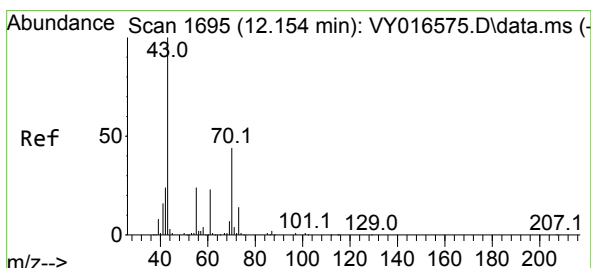
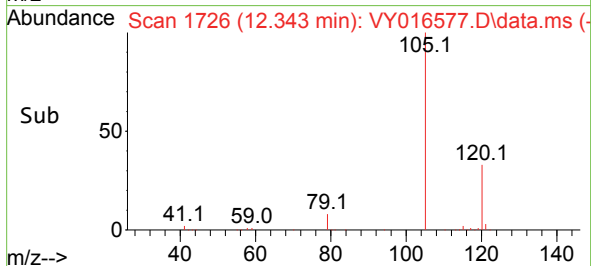
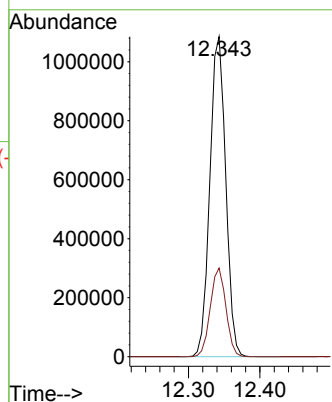
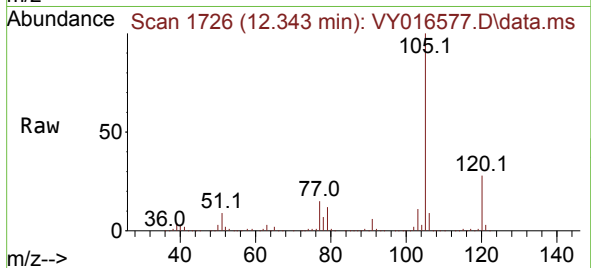
VSTDIC150

Tgt Ion:105 Resp: 1670603

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 171.773 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Tgt Ion: 43 Resp: 371690

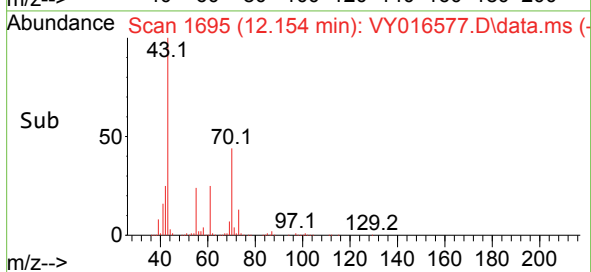
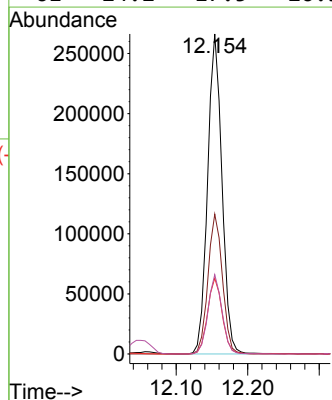
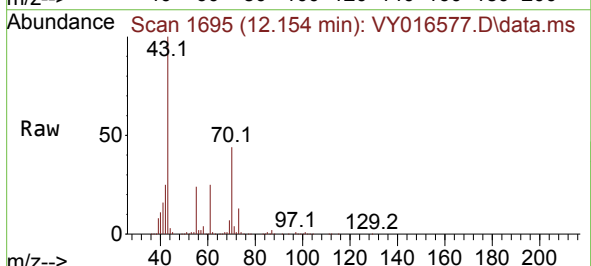
Ion Ratio Lower Upper

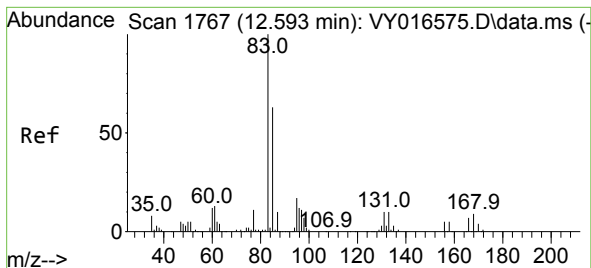
43 100

70 43.9 29.7 44.5

55 24.0 18.3 27.5

61 24.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 153.065 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

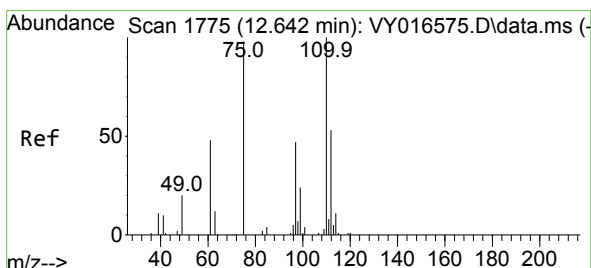
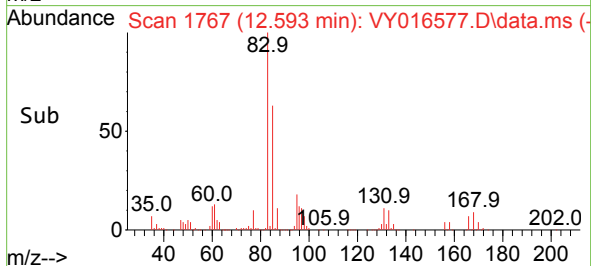
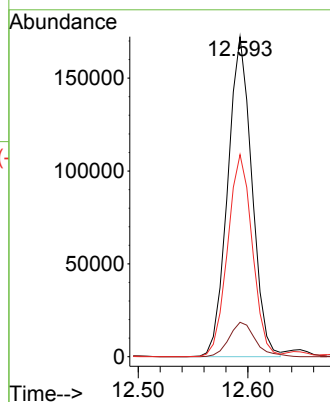
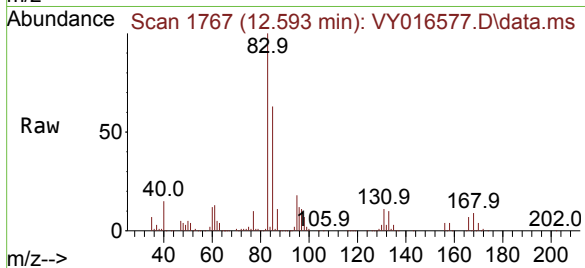
Tgt Ion: 83 Resp: 264192

Ion Ratio Lower Upper

83 100

131 11.7 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 273.686 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016577.D

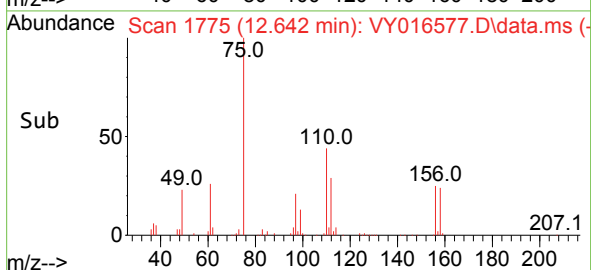
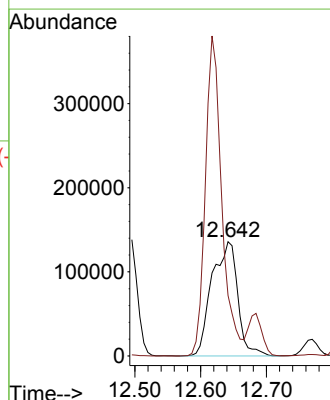
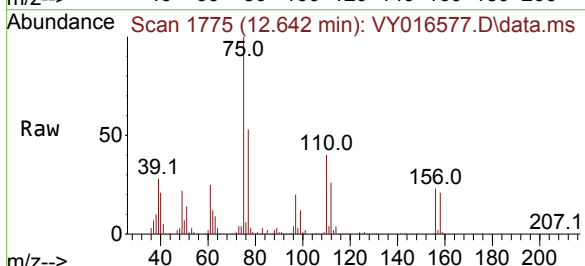
Acq: 04 Dec 2023 14:16

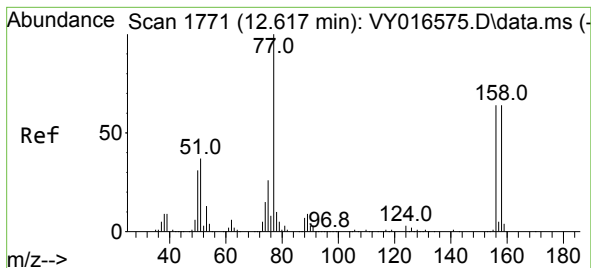
Tgt Ion: 75 Resp: 371362

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 155.055 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

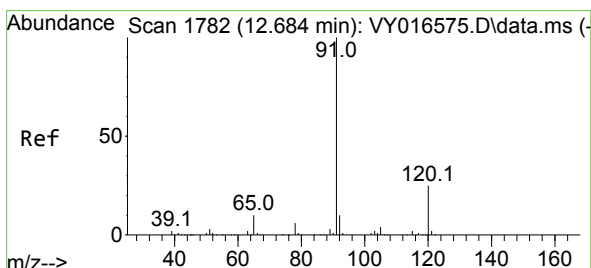
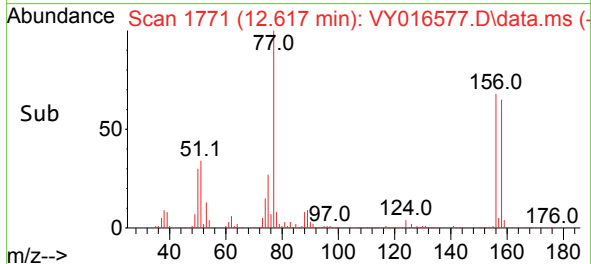
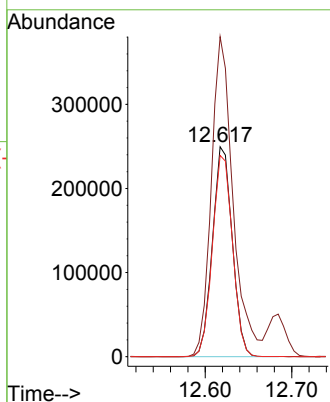
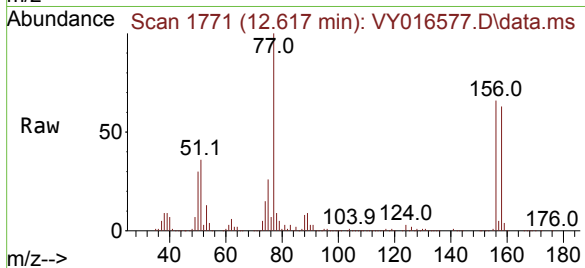
Tgt Ion:156 Resp: 396562

Ion Ratio Lower Upper

156 100

77 167.6 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 151.403 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016577.D

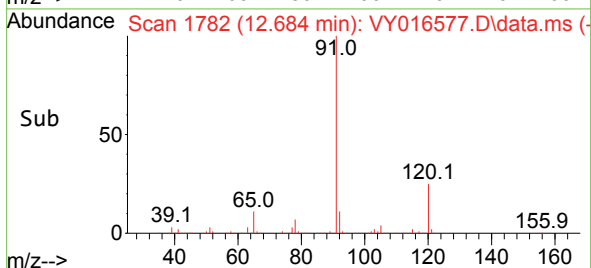
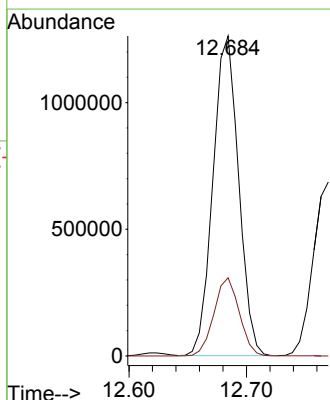
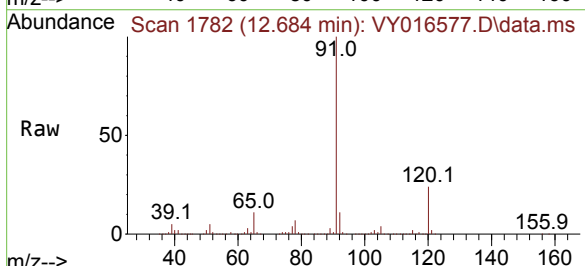
Acq: 04 Dec 2023 14:16

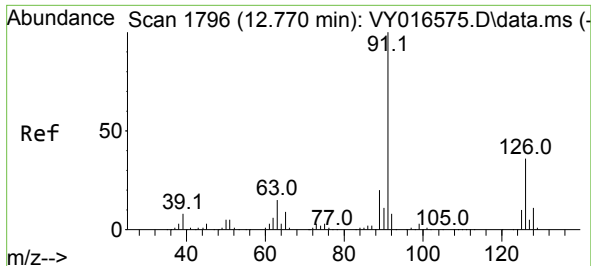
Tgt Ion: 91 Resp: 1912339

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 151.917 ug/l

RT: 12.770 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

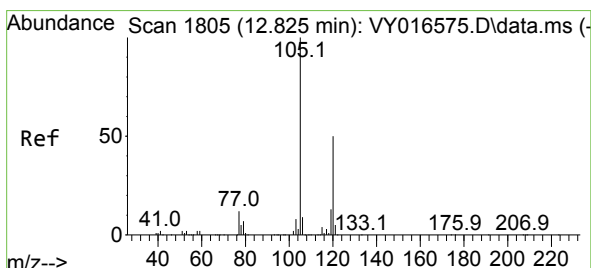
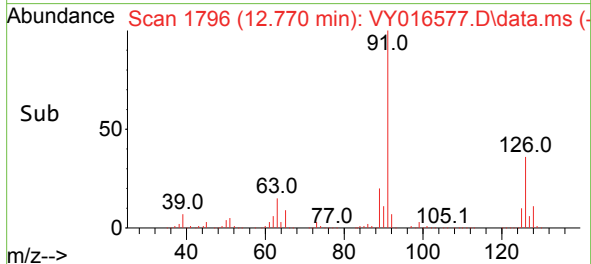
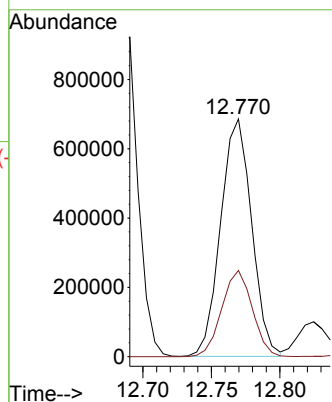
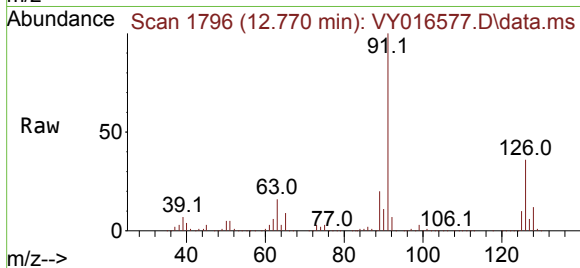
VSTDIC150

Tgt Ion: 91 Resp: 1081277

Ion Ratio Lower Upper

91 100

126 35.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 153.536 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016577.D

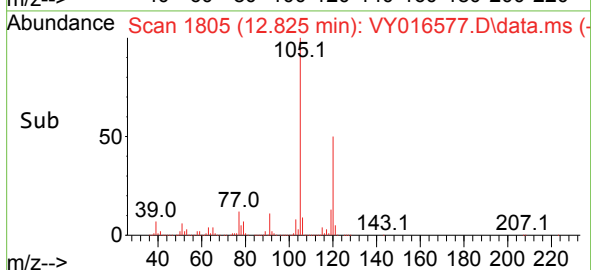
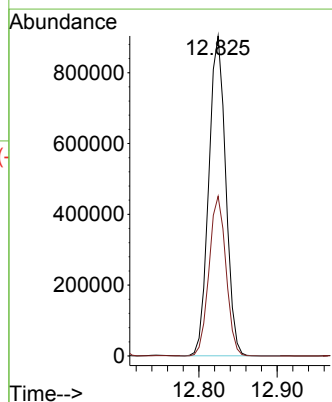
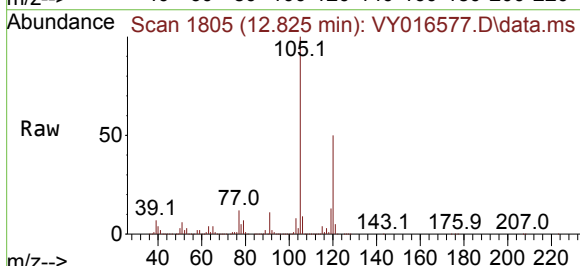
Acq: 04 Dec 2023 14:16

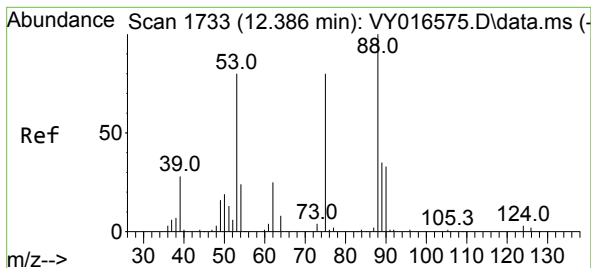
Tgt Ion:105 Resp: 1353841

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 160.936 ug/l

RT: 12.392 min Scan# 1734

Delta R.T. 0.006 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

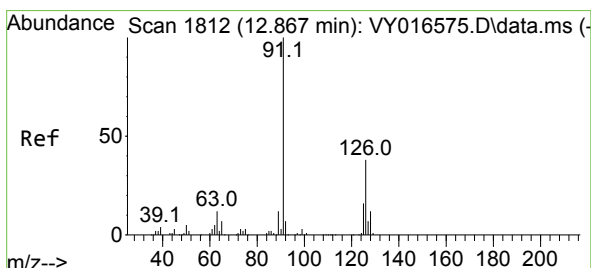
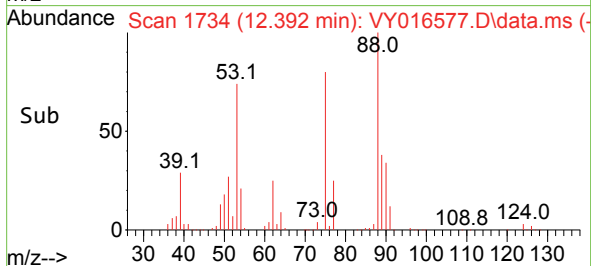
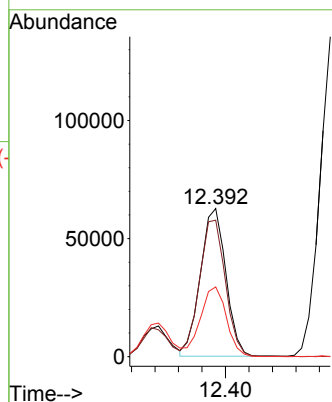
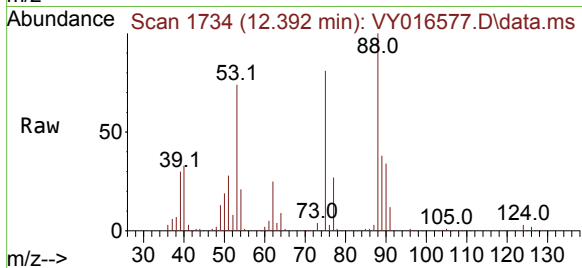
Tgt Ion: 75 Resp: 94448

Ion Ratio Lower Upper

75 100

53 94.7 77.8 116.8

89 48.7 37.4 56.0



#82

4-Chlorotoluene

Concen: 151.043 ug/l

RT: 12.867 min Scan# 1812

Delta R.T. -0.000 min

Lab File: VY016577.D

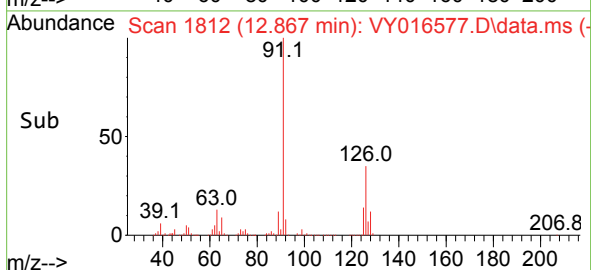
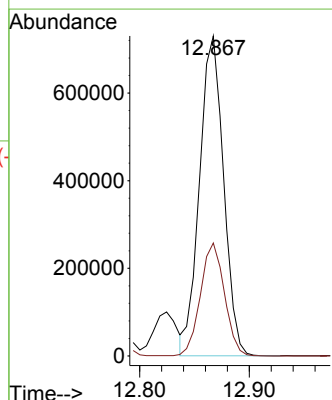
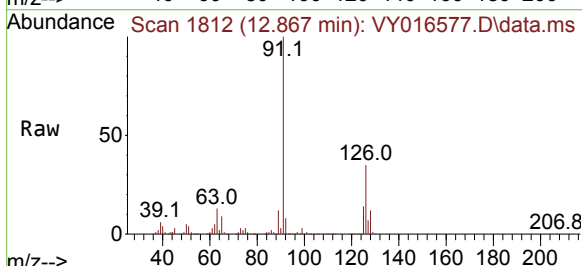
Acq: 04 Dec 2023 14:16

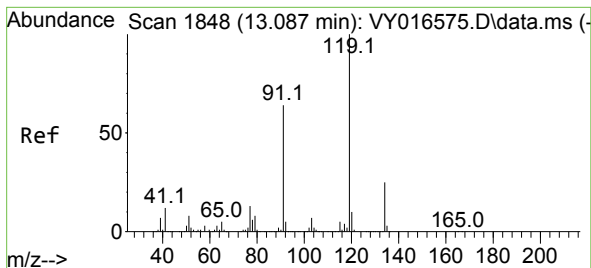
Tgt Ion: 91 Resp: 1112413

Ion Ratio Lower Upper

91 100

126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 153.316 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

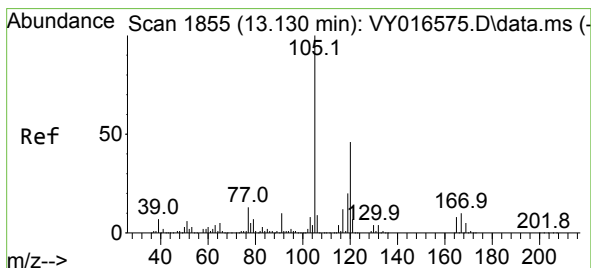
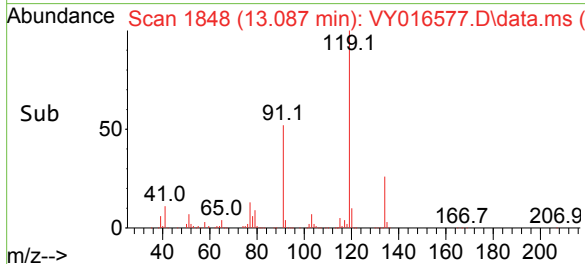
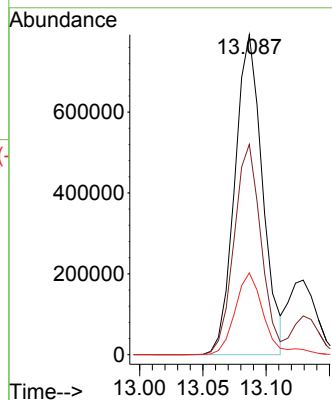
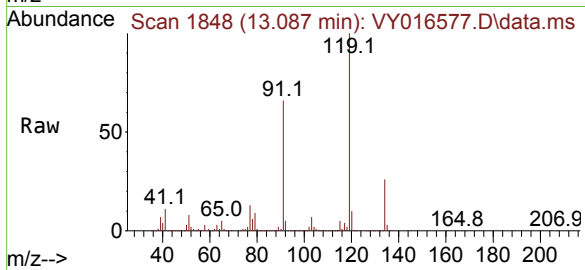
Tgt Ion:119 Resp: 1207889

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 155.240 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016577.D

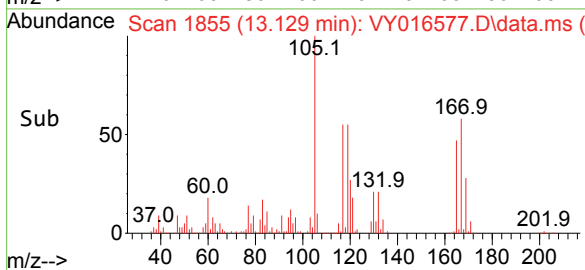
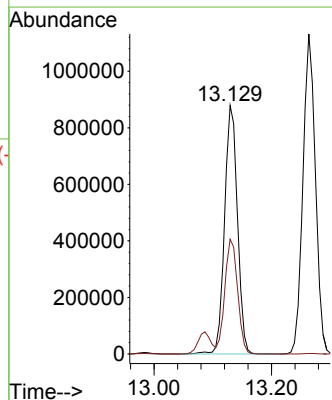
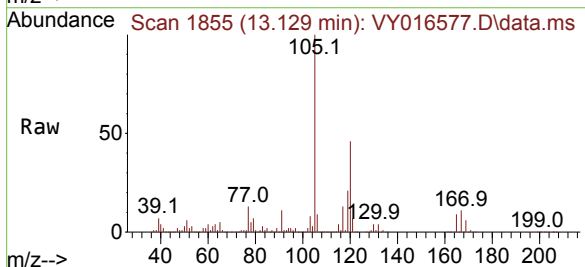
Acq: 04 Dec 2023 14:16

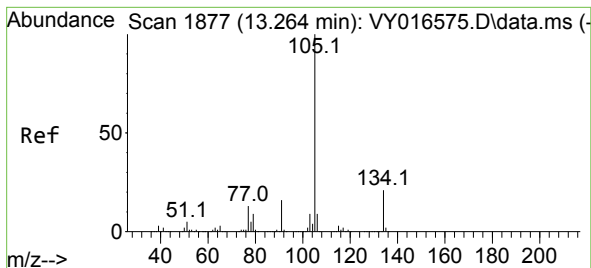
Tgt Ion:105 Resp: 1337065

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 150.541 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

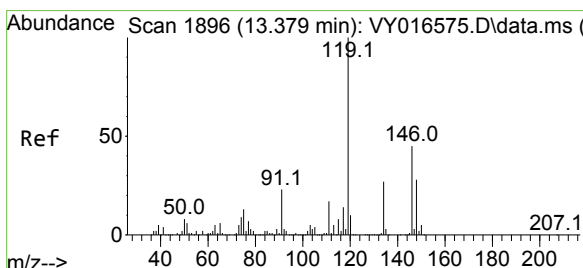
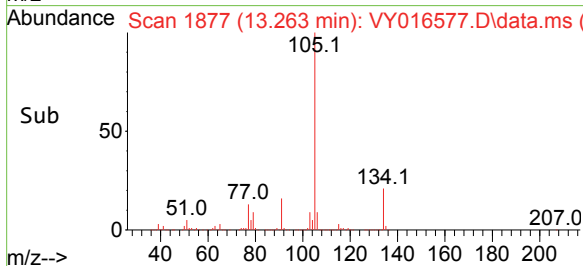
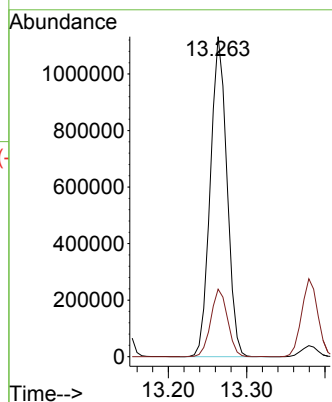
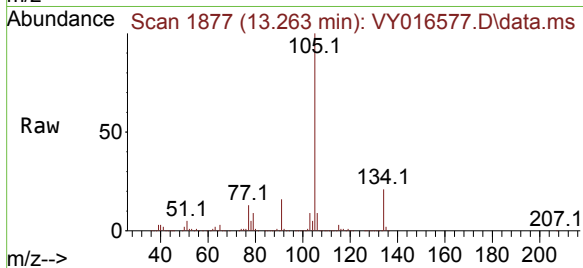
VSTDIC150

Tgt Ion:105 Resp: 1665764

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 154.114 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

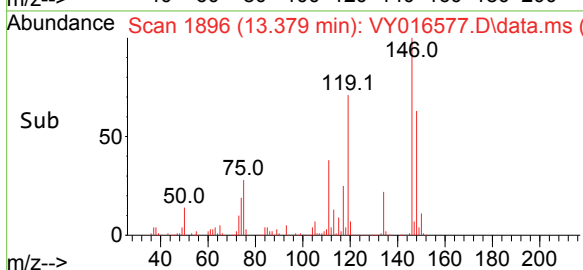
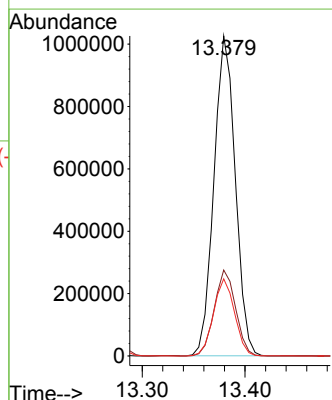
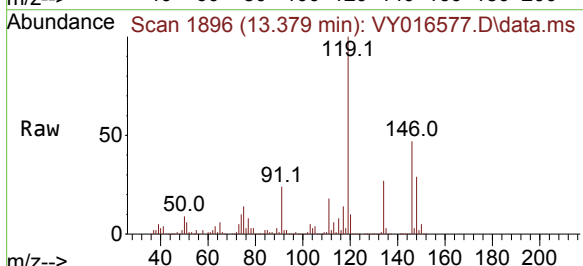
Tgt Ion:119 Resp: 1480294

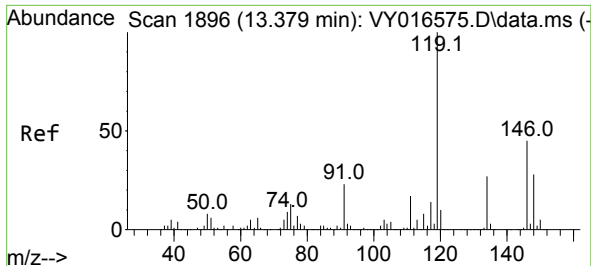
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.8 12.4 37.4

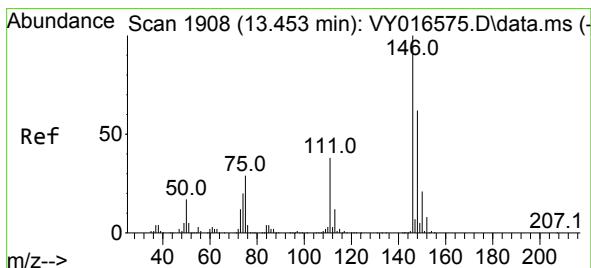
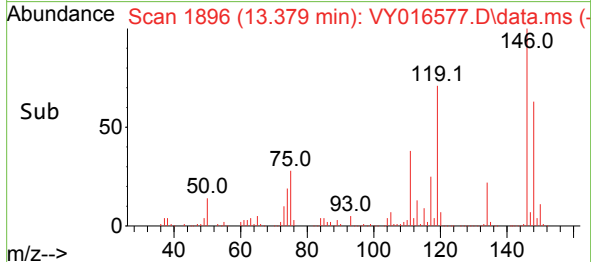
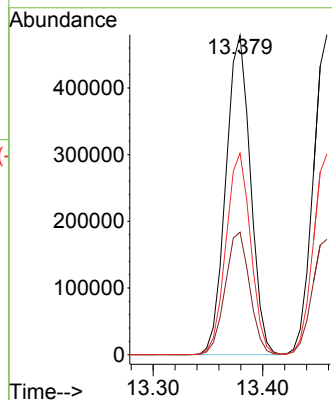
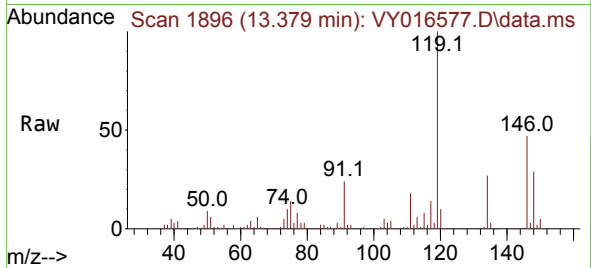




#87
1,3-Dichlorobenzene
Concen: 152.852 ug/l
RT: 13.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

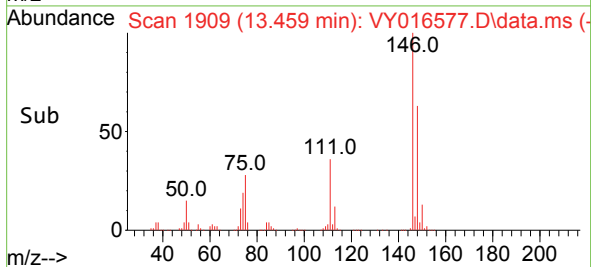
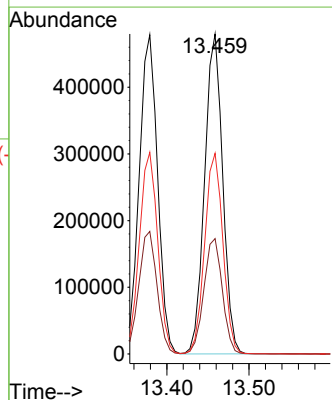
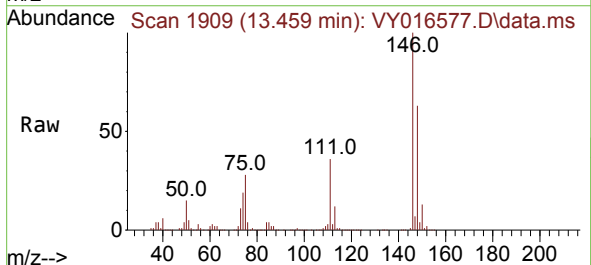
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

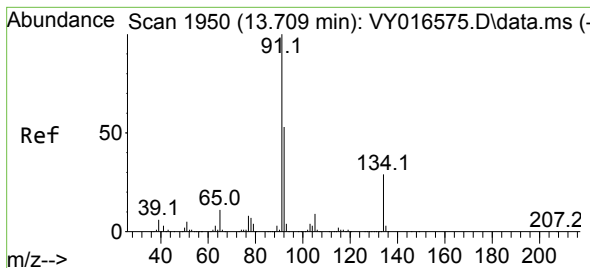
Tgt Ion:146 Resp: 746250
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.2
148 63.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 152.753 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016577.D
Acq: 04 Dec 2023 14:16

Tgt Ion:146 Resp: 731902
Ion Ratio Lower Upper
146 100
111 36.9 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 154.712 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

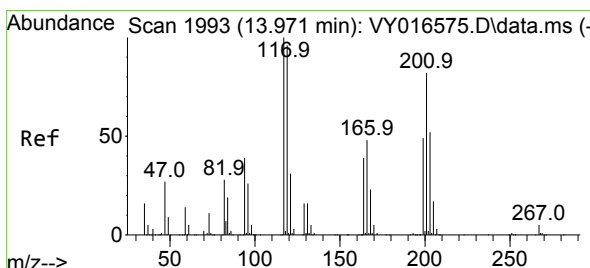
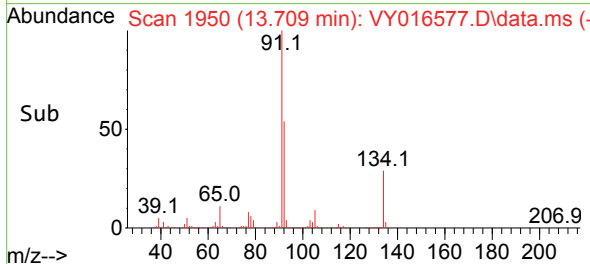
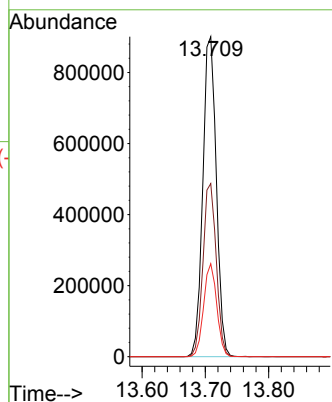
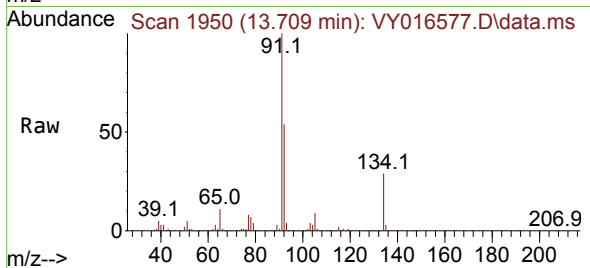
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1336412

Ion	Ratio	Lower	Upper
91	100		
92	53.7	25.4	76.0
134	28.3	12.6	37.6



#90

Hexachloroethane

Concen: 153.224 ug/l

RT: 13.971 min Scan# 1993

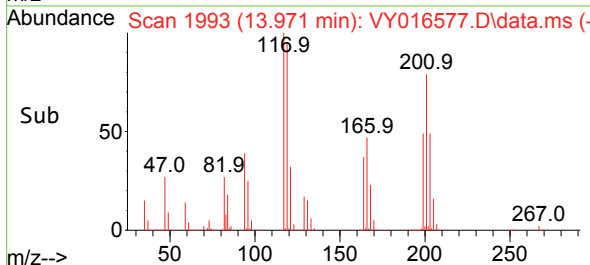
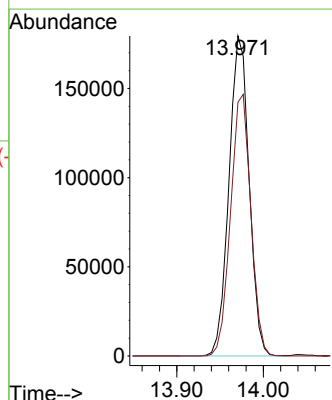
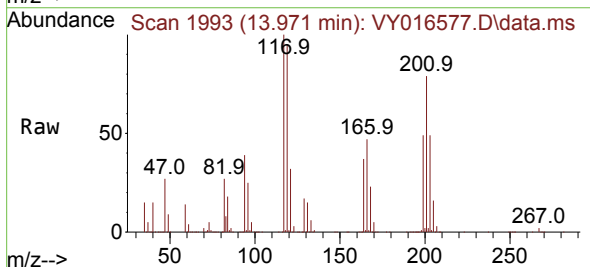
Delta R.T. -0.000 min

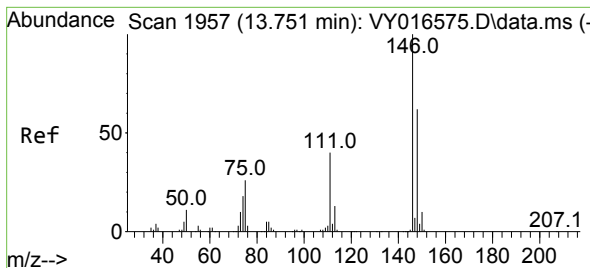
Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Tgt Ion: 117 Resp: 289582

Ion	Ratio	Lower	Upper
117	100		
201	82.3	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 156.083 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

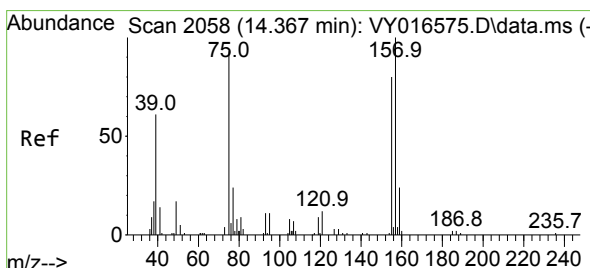
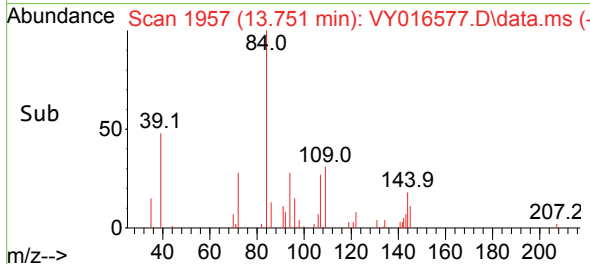
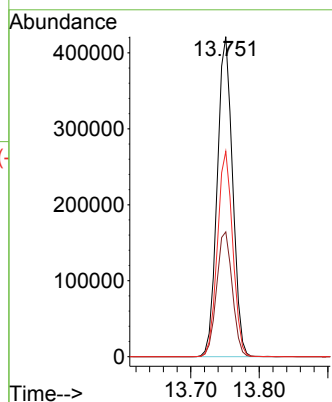
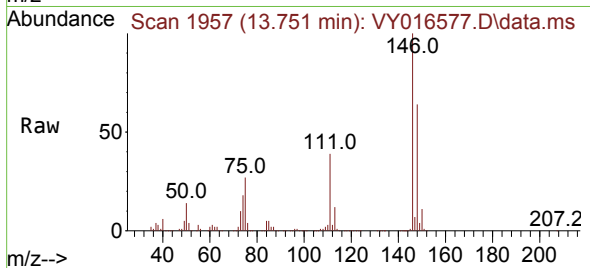
Tgt Ion:146 Resp: 654246

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 64.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 172.381 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

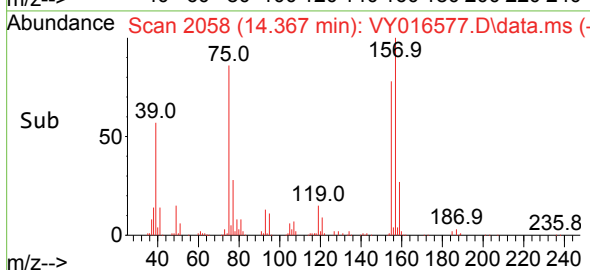
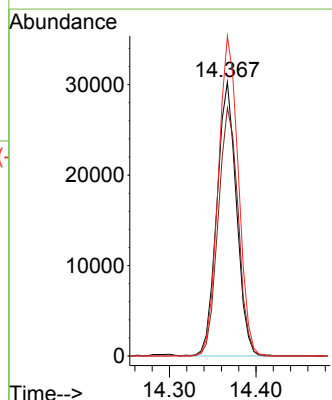
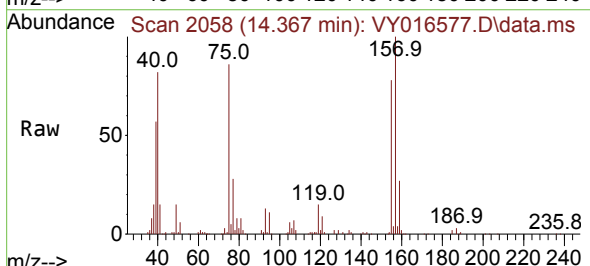
Tgt Ion: 75 Resp: 47613

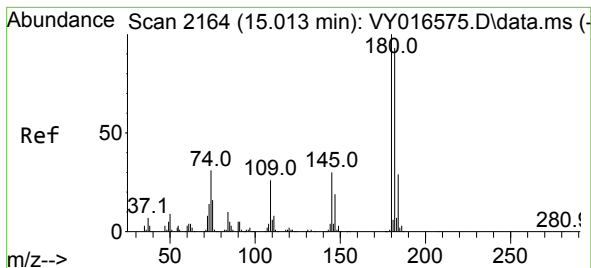
Ion Ratio Lower Upper

75 100

155 92.0 41.5 124.6

157 119.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 181.716 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

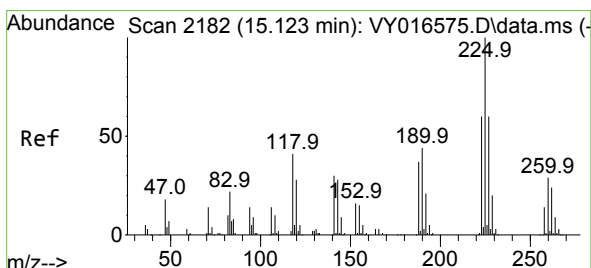
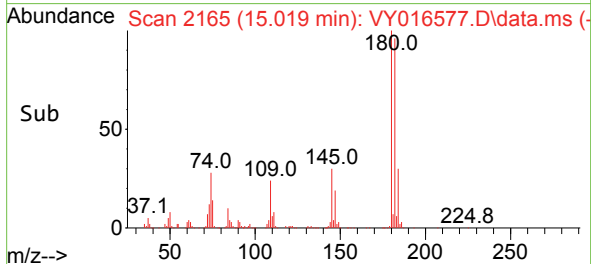
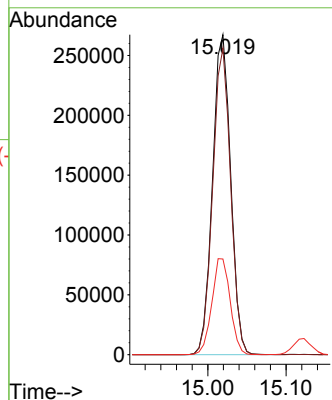
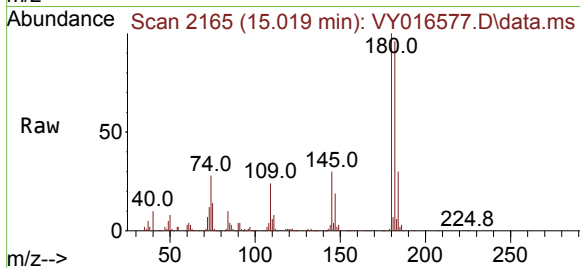
Tgt Ion:180 Resp: 429811

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 157.915 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

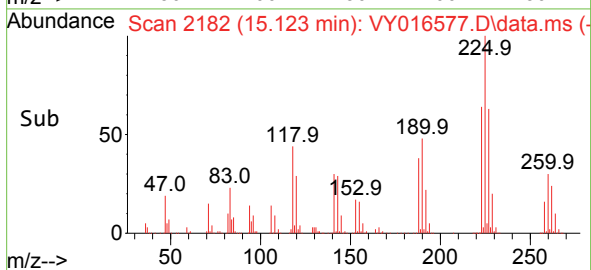
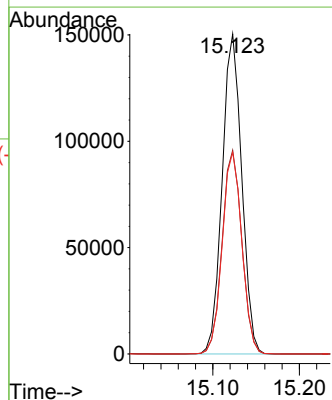
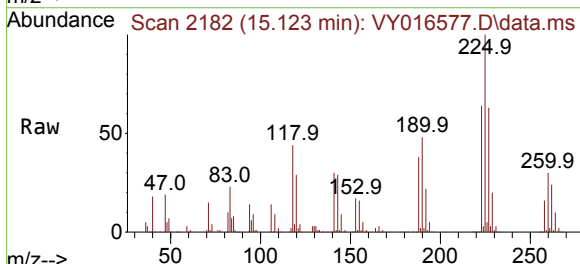
Tgt Ion:225 Resp: 235988

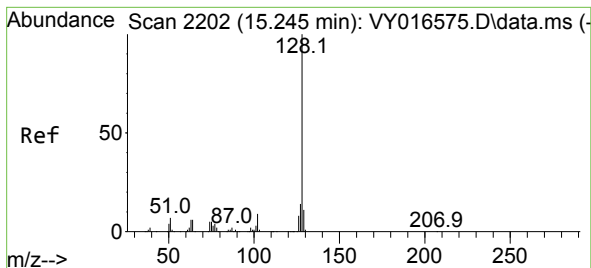
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 150.839 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

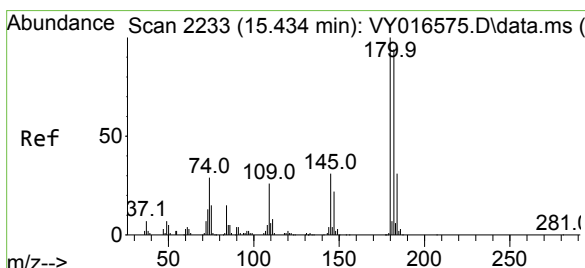
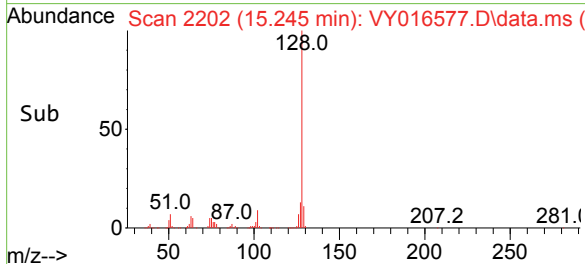
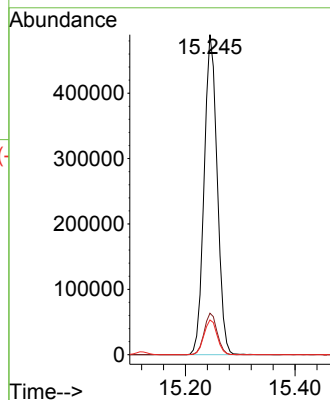
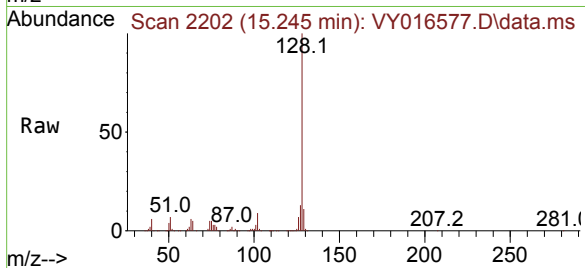
Tgt Ion:128 Resp: 808593

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 150.758 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016577.D

Acq: 04 Dec 2023 14:16

Tgt Ion:180 Resp: 362091

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 32.2 15.4 46.2

