

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016727.D
 Acq On : 20 Dec 2023 16:10
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 00:52:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 00:33:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	167885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	278992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	239660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	87861	57.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.660%	
35) Dibromofluoromethane	7.728	113	92372	57.800	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.600%	
50) Toluene-d8	10.191	98	337379	58.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.120%	
62) 4-Bromofluorobenzene	12.489	95	108259	57.921	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	59209	41.268	ug/l	100
3) Chloromethane	2.119	50	91541	41.508	ug/l	100
4) Vinyl Chloride	2.259	62	109041	43.774	ug/l	100
5) Bromomethane	2.662	94	73078	41.189	ug/l	100
6) Chloroethane	2.808	64	72362	42.870	ug/l	100
7) Trichlorofluoromethane	3.137	101	126040	43.434	ug/l	100
8) Diethyl Ether	3.540	74	41653	44.871	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.911	101	78001	43.819	ug/l	100
10) Methyl Iodide	4.106	142	85937	46.329	ug/l	100
11) Tert butyl alcohol	4.966	59	27406	218.339	ug/l	100
12) 1,1-Dichloroethene	3.887	96	71082	44.849	ug/l	100
13) Acrolein	3.741	56	25555	221.855	ug/l	100
14) Allyl chloride	4.497	41	110831	45.655	ug/l	100
15) Acrylonitrile	5.179	53	93986	239.079	ug/l	100
16) Acetone	3.960	43	82646	199.418	ug/l	100
17) Carbon Disulfide	4.210	76	199554	46.274	ug/l	100
18) Methyl Acetate	4.497	43	84549	52.203	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	186820	45.811	ug/l	100
20) Methylene Chloride	4.734	84	88743	41.677	ug/l	100
21) trans-1,2-Dichloroethene	5.240	96	82118	45.429	ug/l	100
22) Diisopropyl ether	6.131	45	252570	45.988	ug/l	100
23) Vinyl Acetate	6.076	43	593566	228.513	ug/l	100
24) 1,1-Dichloroethane	6.033	63	148559	45.029	ug/l	100
25) 2-Butanone	6.996	43	122320	214.370	ug/l	100
26) 2,2-Dichloropropane	6.996	77	126418	43.910	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	94729	45.535	ug/l	100
28) Bromochloromethane	7.350	49	72228	55.314	ug/l	100
29) Tetrahydrofuran	7.362	42	76193	244.205	ug/l	100
30) Chloroform	7.521	83	150429	44.540	ug/l	100
31) Cyclohexane	7.801	56	127039	43.263	ug/l	100
32) 1,1,1-Trichloroethane	7.716	97	131372	44.313	ug/l	100
36) 1,1-Dichloropropene	7.929	75	116194	45.352	ug/l	100
37) Ethyl Acetate	7.088	43	52828	47.112	ug/l	100
38) Carbon Tetrachloride	7.917	117	113712	44.852	ug/l	100
39) Methylcyclohexane	9.191	83	137583	46.511	ug/l	100
40) Benzene	8.173	78	340080	45.613	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	30837	52.889	ug/l	100
42) 1,2-Dichloroethane	8.252	62	90932	46.748	ug/l	100
43) Isopropyl Acetate	8.283	43	99904	46.840	ug/l	100
44) Trichloroethene	8.947	130	85881	45.131	ug/l	100
45) 1,2-Dichloropropane	9.228	63	84806	45.345	ug/l	100
46) Dibromomethane	9.313	93	44349	45.902	ug/l	100
47) Bromodichloromethane	9.508	83	115414	45.322	ug/l	100
48) Methyl methacrylate	9.301	41	57125	47.752	ug/l	100
49) 1,4-Dioxane	9.313	88	8960	955.475	ug/l	100
51) 4-Methyl-2-Pentanone	10.081	43	274180	241.268	ug/l	100
52) Toluene	10.252	92	207537	46.450	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	109390	47.110	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	130167	46.475	ug/l	100
55) 1,1,2-Trichloroethane	10.654	97	63371	45.971	ug/l	100
56) Ethyl methacrylate	10.520	69	59279	48.904	ug/l	100
57) 1,3-Dichloropropane	10.800	76	109216	46.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	222685	228.383	ug/l	100
59) 2-Hexanone	10.843	43	192505	227.178	ug/l	100
60) Dibromochloromethane	10.996	129	73050	45.809	ug/l	100
61) 1,2-Dibromoethane	11.099	107	57640	46.626	ug/l	100
64) Tetrachloroethene	10.727	164	66029	44.352	ug/l	100
65) Chlorobenzene	11.526	112	211361	44.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	79355	44.792	ug/l	100
67) Ethyl Benzene	11.599	91	391664	45.192	ug/l	100
68) m/p-Xylenes	11.709	106	292599	91.427	ug/l	100
69) o-Xylene	12.038	106	135867	46.275	ug/l	100
70) Styrene	12.050	104	203191	46.769	ug/l	100
71) Bromoform	12.215	173	40603	45.970	ug/l #	100
73) Isopropylbenzene	12.337	105	368892	45.808	ug/l	100
74) N-amyl acetate	12.154	43	78543	46.341	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	72512	45.059	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	87639	76.552	ug/l #	100
77) Bromobenzene	12.617	156	79332	45.156	ug/l	100
78) n-propylbenzene	12.678	91	449202	46.039	ug/l	100
79) 2-Chlorotoluene	12.763	91	245861	45.538	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	295339	46.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	22041	45.284	ug/l	100
82) 4-Chlorotoluene	12.861	91	251432	45.395	ug/l	100
83) tert-Butylbenzene	13.087	119	258904	46.692	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	292853	46.589	ug/l	100
85) sec-Butylbenzene	13.263	105	376177	45.803	ug/l	100
86) p-Isopropyltoluene	13.379	119	316505	46.275	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	152389	44.385	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	150702	44.952	ug/l	100
89) n-Butylbenzene	13.702	91	306441	46.869	ug/l	100
90) Hexachloroethane	13.971	117	62470	43.862	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	133161	45.526	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9391	45.018	ug/l	100
93) 1,2,4-Trichlorobenzene	15.019	180	72278	46.571	ug/l	100
94) Hexachlorobutadiene	15.123	225	40435	45.870	ug/l	100
95) Naphthalene	15.245	128	142040	43.052	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	63025	47.681	ug/l	100

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QLast Update : Thu Dec 21 00:33:36 2023
Response via : Initial Calibration

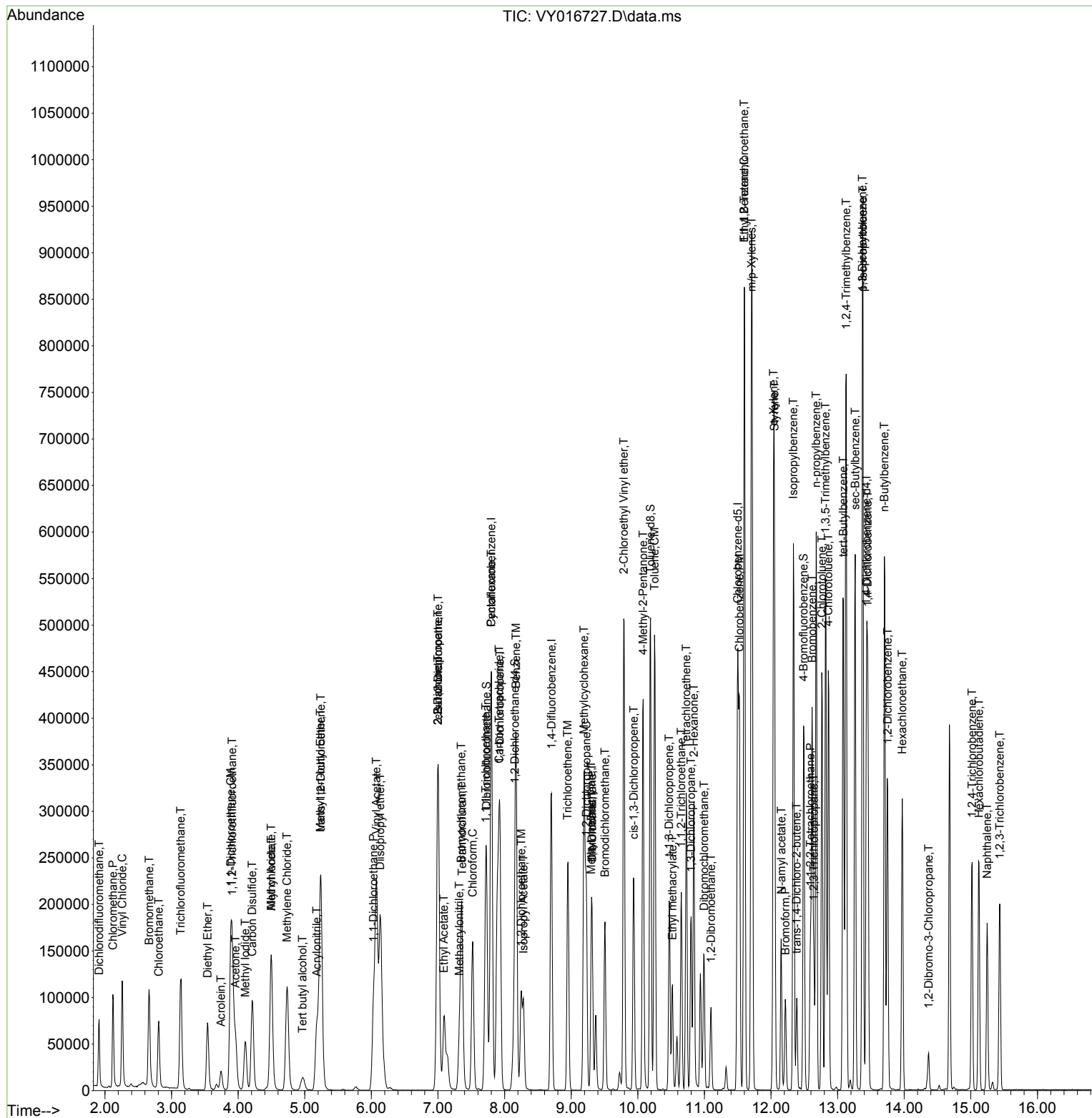
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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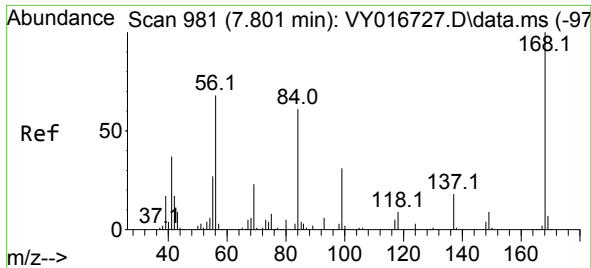
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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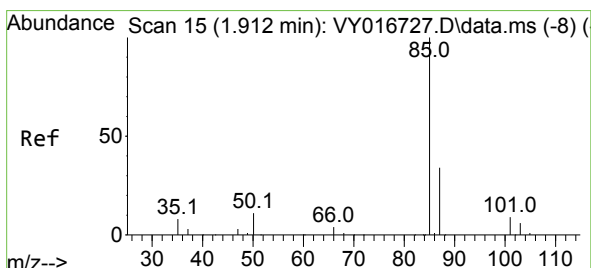
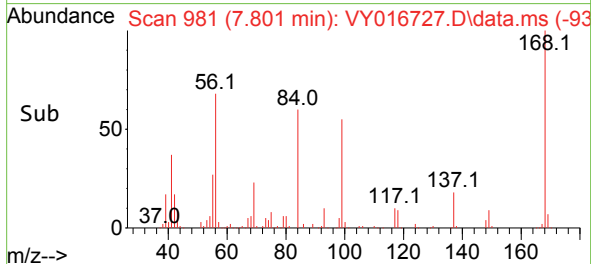
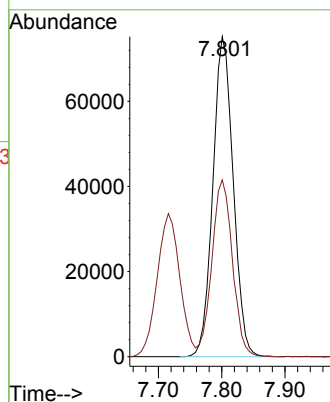
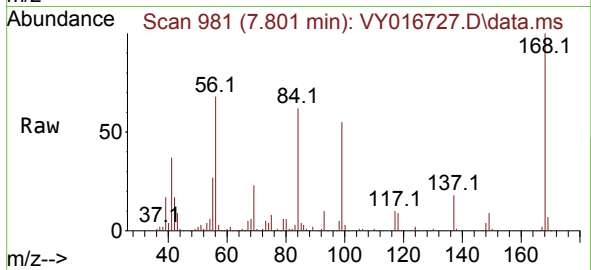




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
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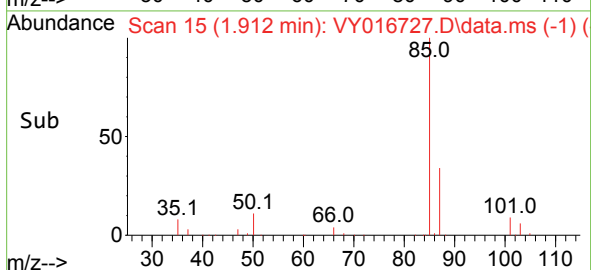
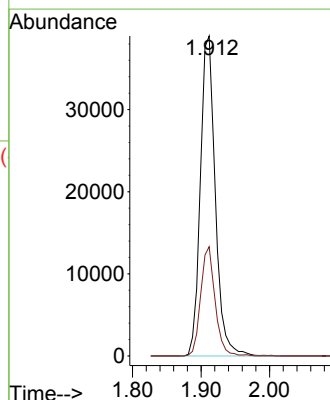
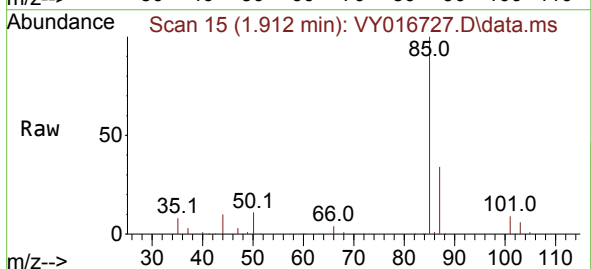
Instrument :
MSVOA_Y
ClientSampleId :

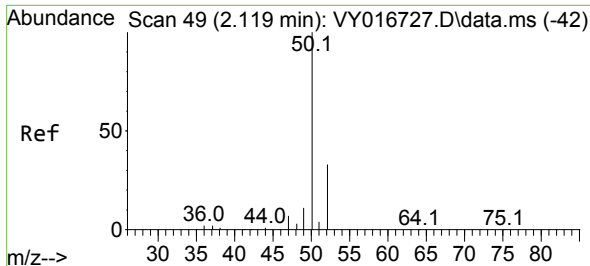
Tgt Ion:168 Resp: 167885
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 41.268 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 85 Resp: 59209
Ion Ratio Lower Upper
85 100
87 34.2 17.1 51.3

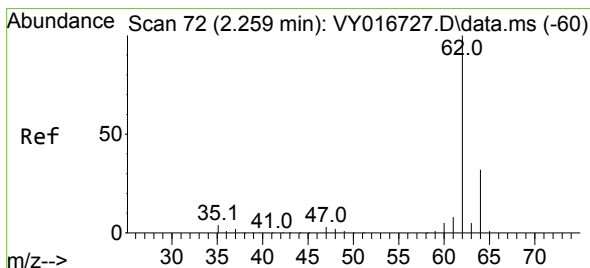
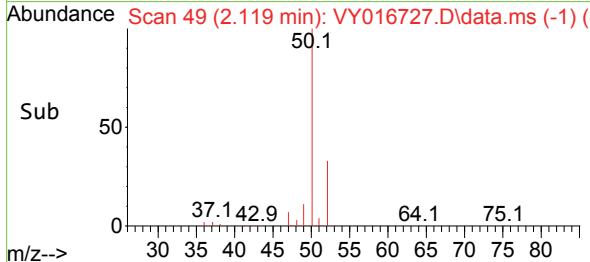
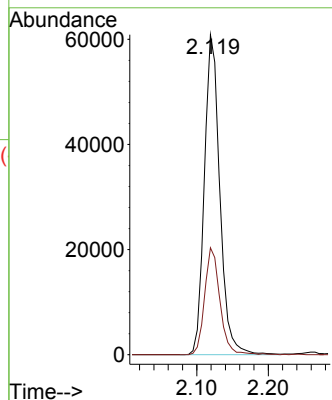
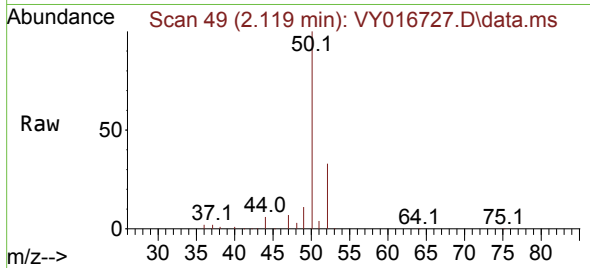




#3
Chloromethane
Concen: 41.508 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

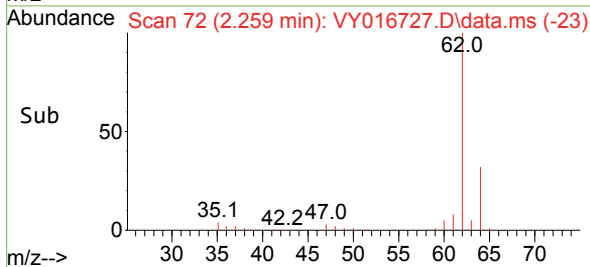
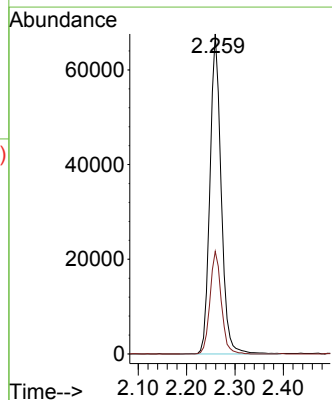
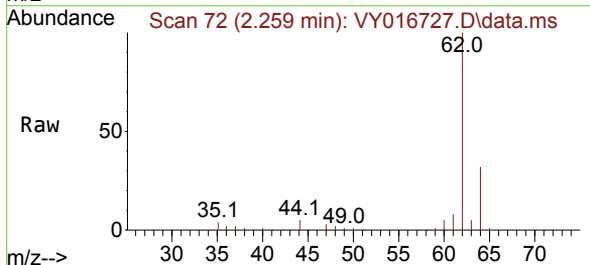
Instrument :
MSVOA_Y
ClientSampleId :

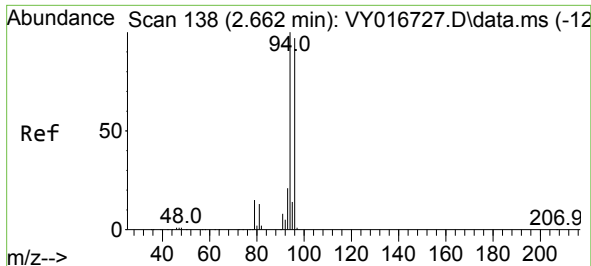
Tgt Ion: 50 Resp: 91541
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 43.774 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 62 Resp: 109041
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5

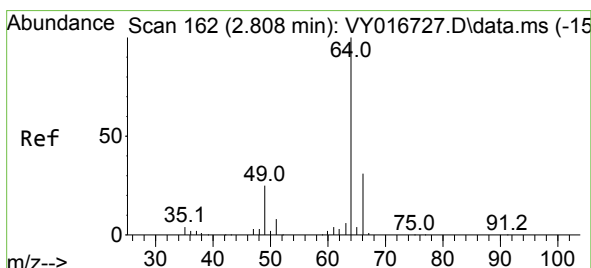
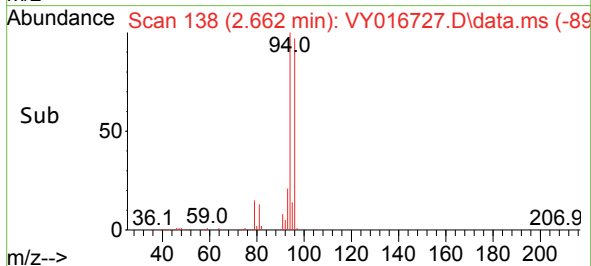
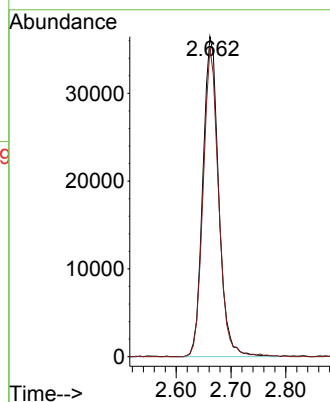
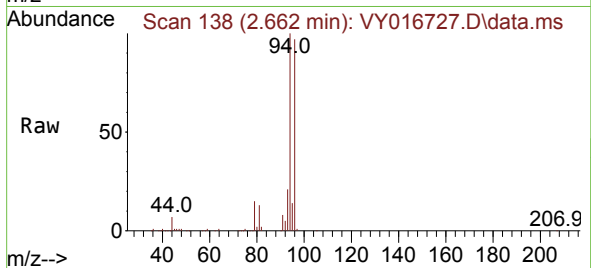




#5
Bromomethane
Concen: 41.189 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.000 min
Lab File: VY016727.D
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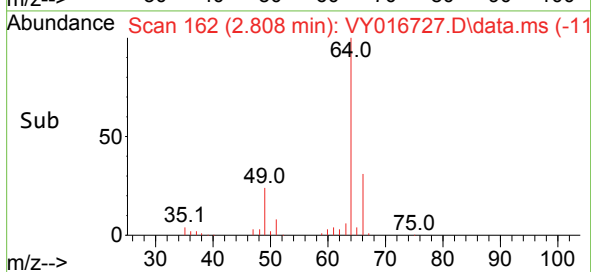
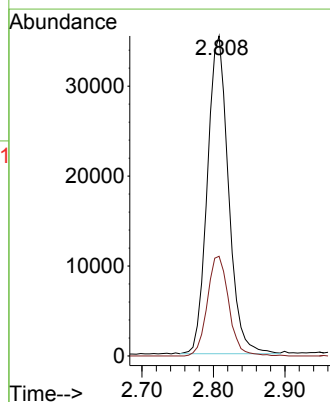
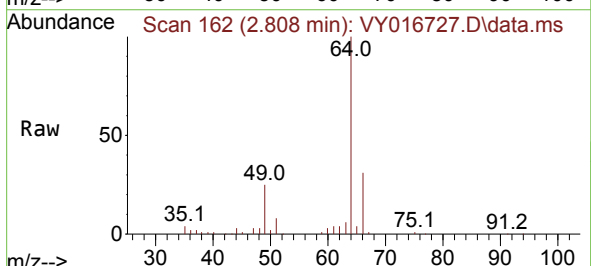
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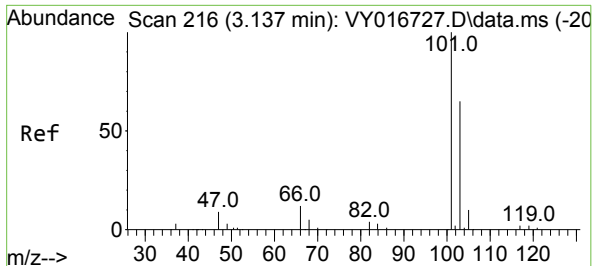
Tgt Ion: 94 Resp: 73078
Ion Ratio Lower Upper
94 100
96 96.6 77.3 115.9



#6
Chloroethane
Concen: 42.870 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 64 Resp: 72362
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7

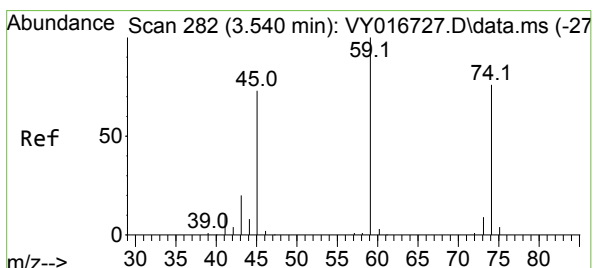
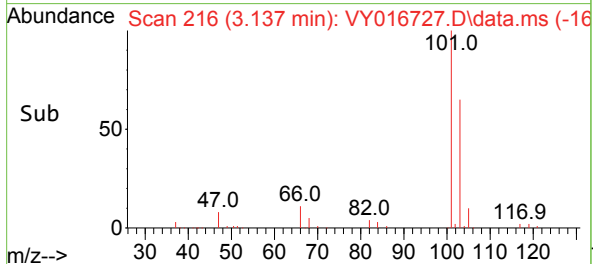
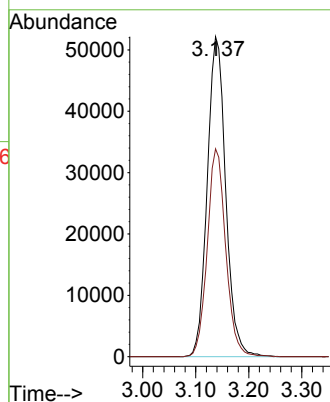
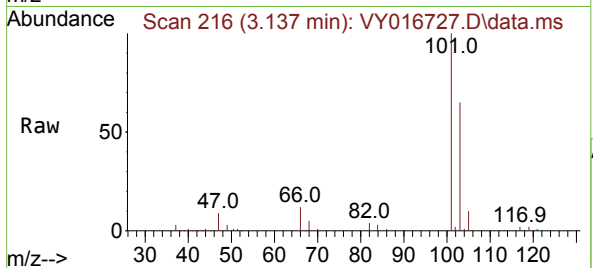




#7
Trichlorofluoromethane
Concen: 43.434 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

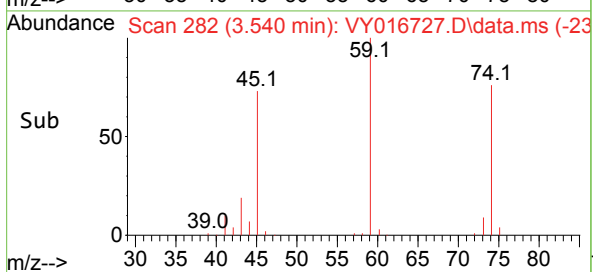
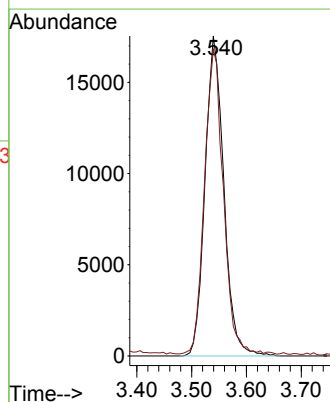
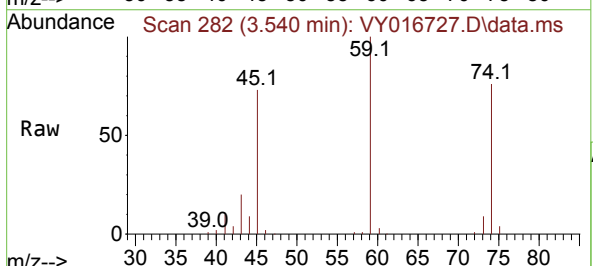
Instrument :
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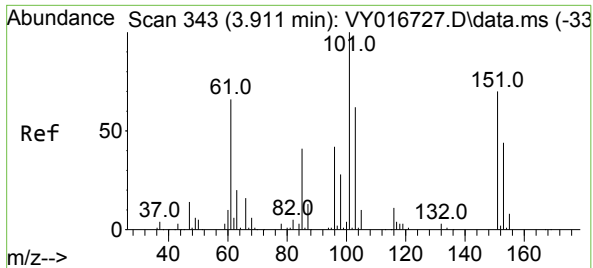
Tgt Ion:101 Resp: 126040
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9



#8
Diethyl Ether
Concen: 44.871 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 74 Resp: 41653
Ion Ratio Lower Upper
74 100
45 95.8 47.9 143.7

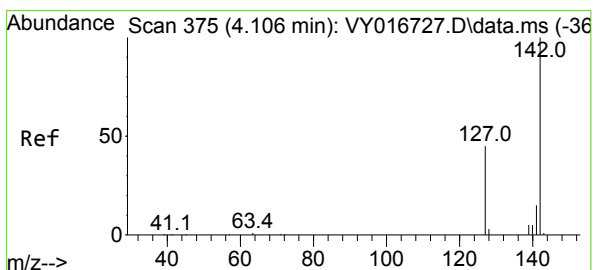
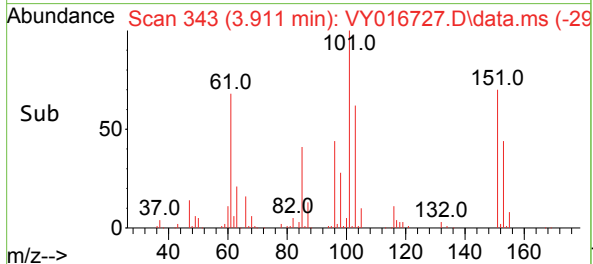
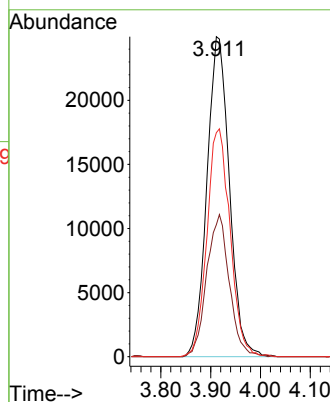
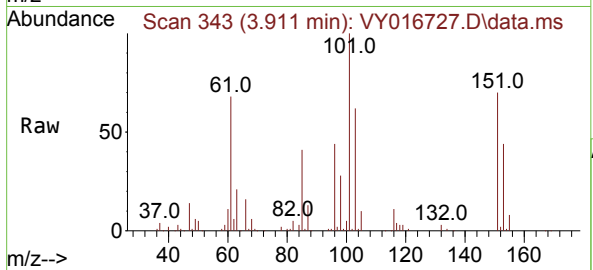




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.819 ug/l
RT: 3.911 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

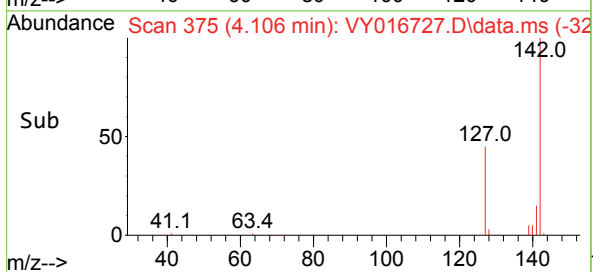
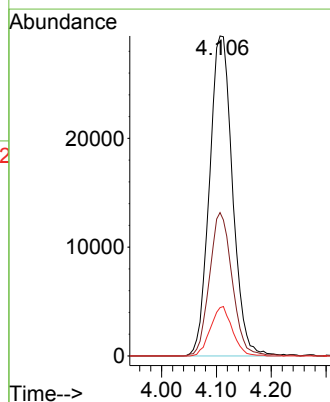
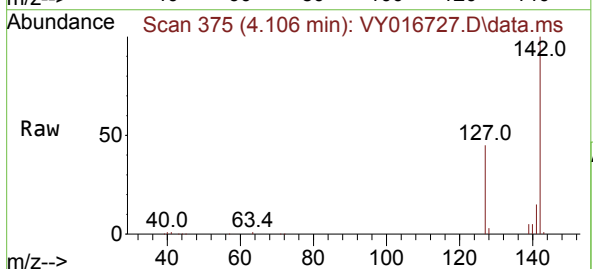
Instrument :
MSVOA_Y
ClientSampleId :

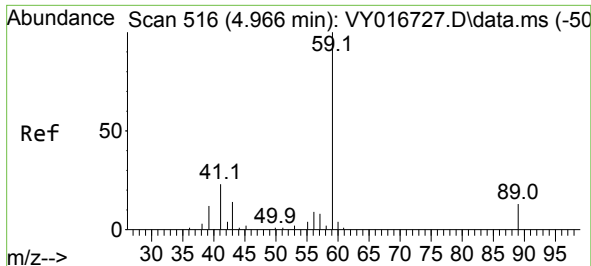
Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.7	35.8	53.6
151	73.3	58.6	88.0



#10
Methyl Iodide
Concen: 46.329 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.9	35.1	52.7
141	14.7	11.8	17.6





#11

Tert butyl alcohol

Concen: 218.339 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

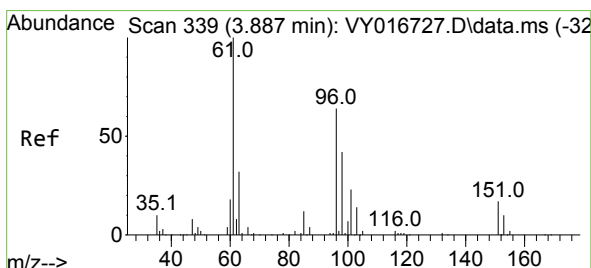
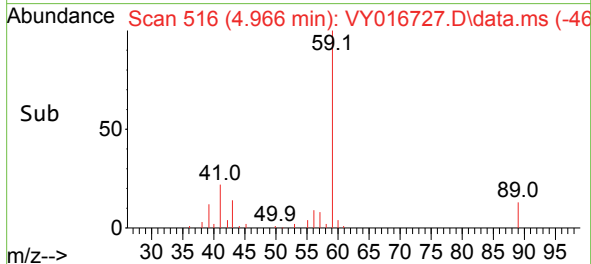
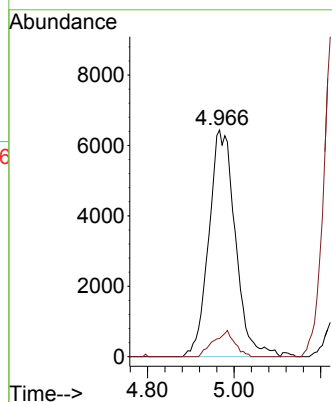
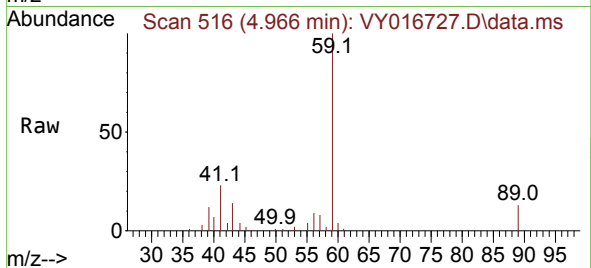
ClientSampleId :

Tgt Ion: 59 Resp: 27406

Ion Ratio Lower Upper

59 100

57 9.2 7.4 11.0



#12

1,1-Dichloroethene

Concen: 44.849 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

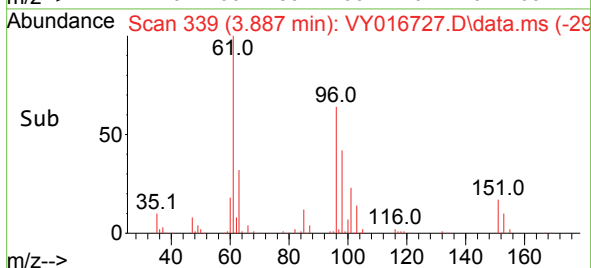
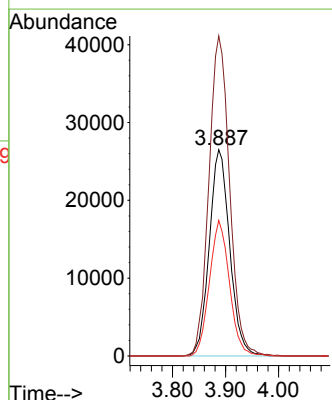
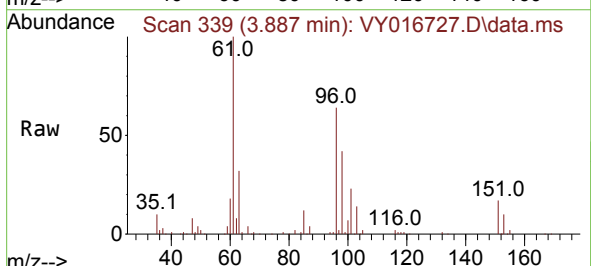
Tgt Ion: 96 Resp: 71082

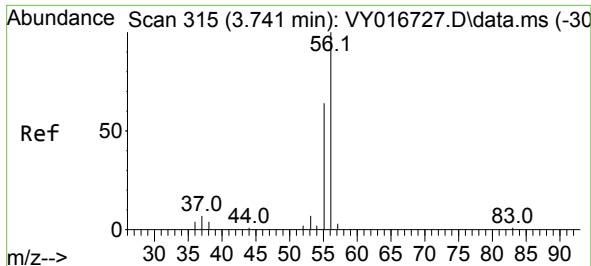
Ion Ratio Lower Upper

96 100

61 155.2 124.2 186.2

98 65.8 52.6 79.0

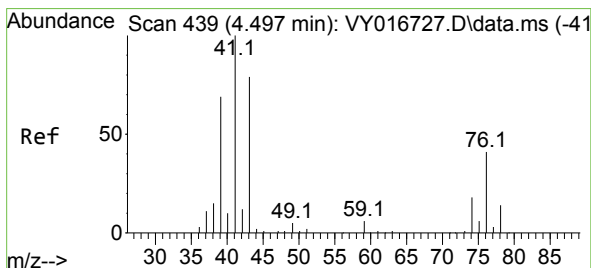
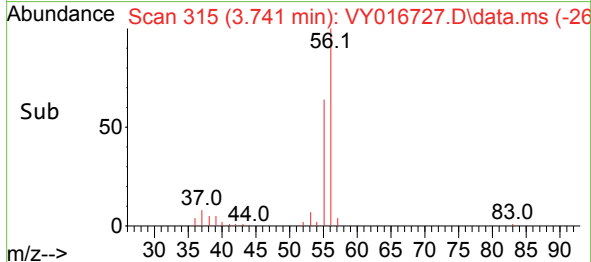
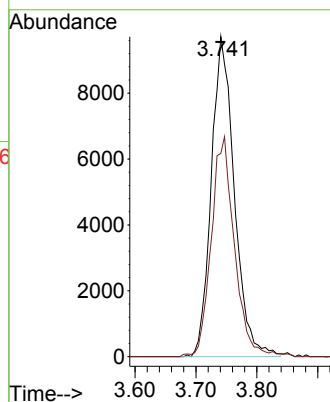
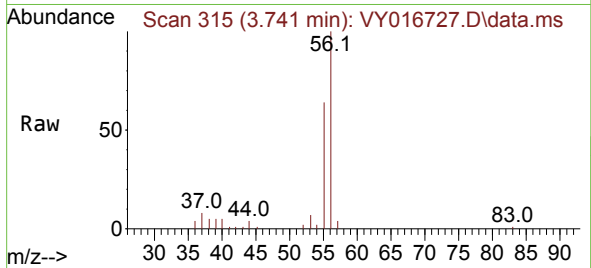




#13
Acrolein
Concen: 221.855 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

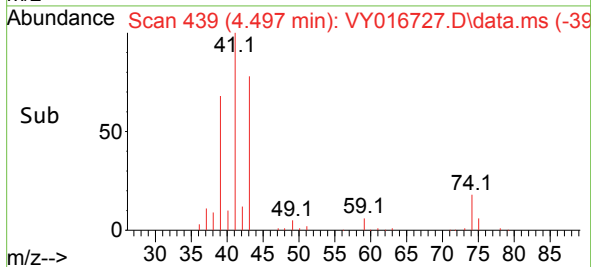
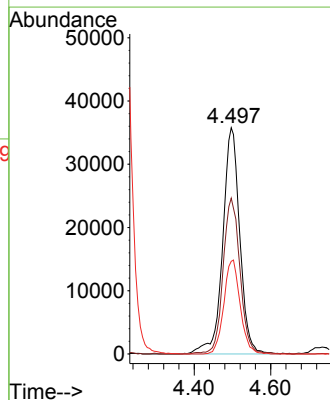
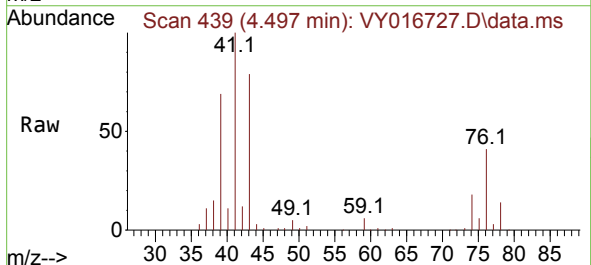
Instrument :
MSVOA_Y
ClientSampleId :

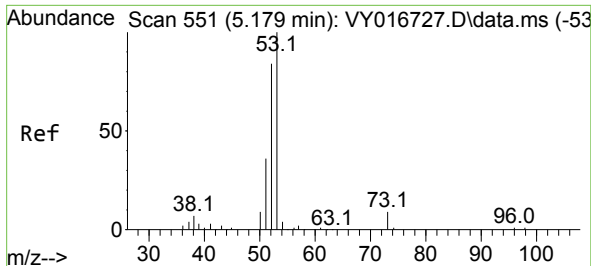
Tgt Ion: 56 Resp: 25555
Ion Ratio Lower Upper
56 100
55 69.2 55.4 83.0



#14
Allyl chloride
Concen: 45.655 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 41 Resp: 110831
Ion Ratio Lower Upper
41 100
39 68.4 54.7 82.1
76 39.7 31.8 47.6

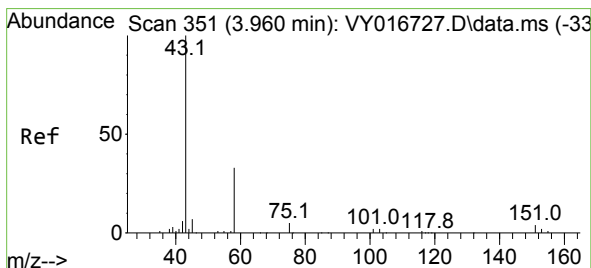
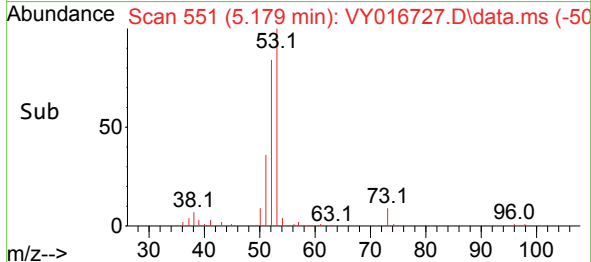
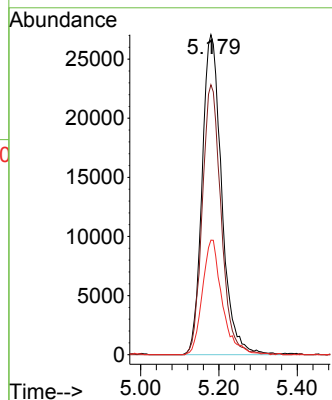
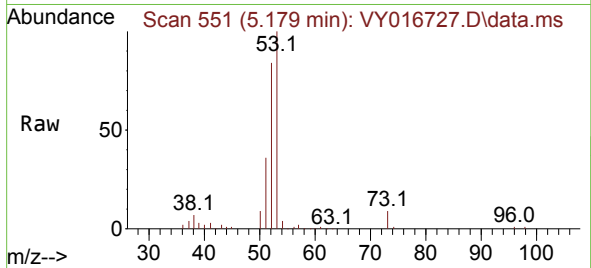




#15
Acrylonitrile
Concen: 239.079 ug/l
RT: 5.179 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

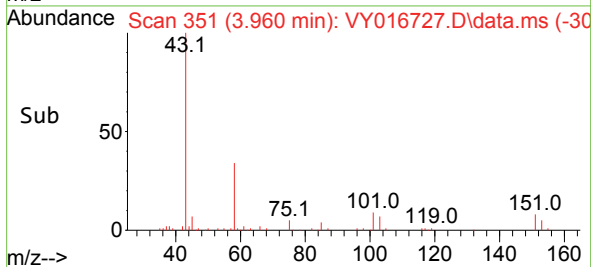
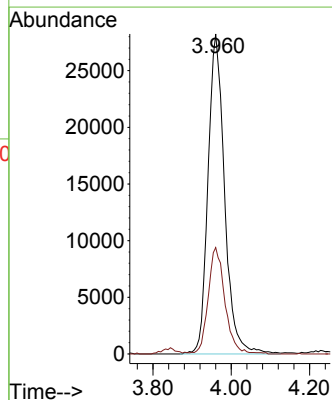
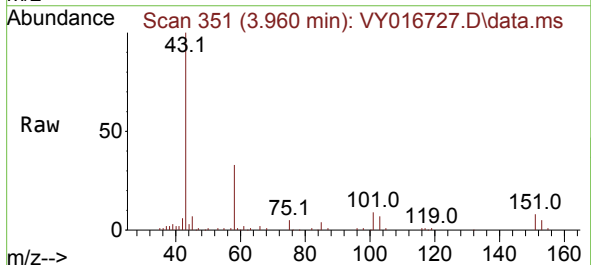
Instrument :
MSVOA_Y
ClientSampleId :

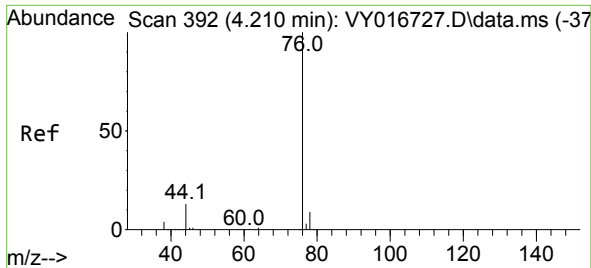
Tgt Ion:	53	Resp:	93986
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.1	97.7
51	36.2	29.0	43.4



#16
Acetone
Concen: 199.418 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion:	43	Resp:	82646
Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.6	39.8

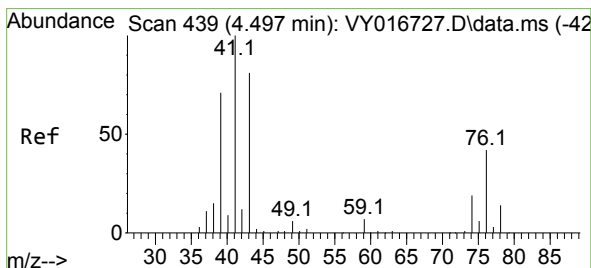
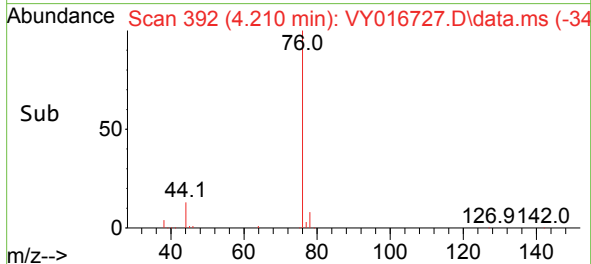
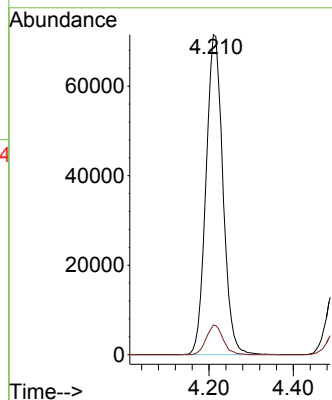
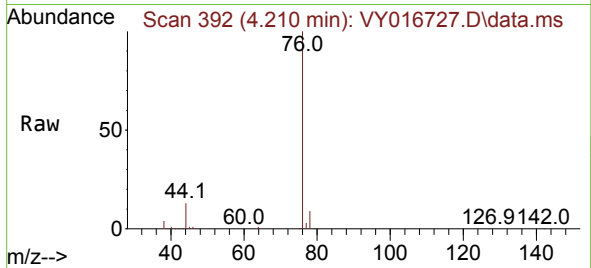




#17
Carbon Disulfide
Concen: 46.274 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

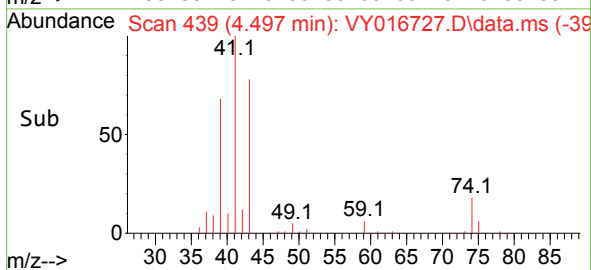
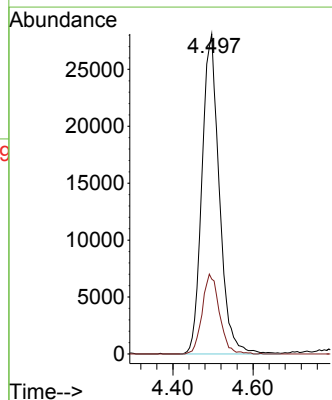
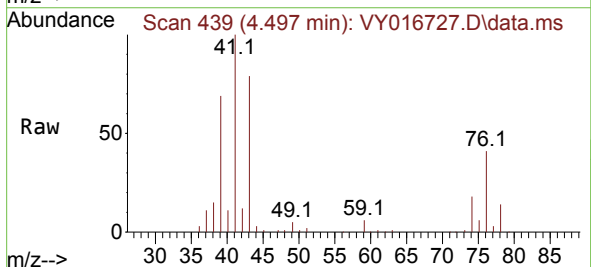
Instrument :
MSVOA_Y
ClientSampleId :

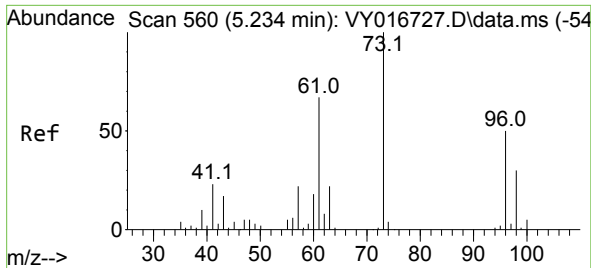
Tgt Ion: 76 Resp: 199554
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 52.203 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 43 Resp: 84549
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6

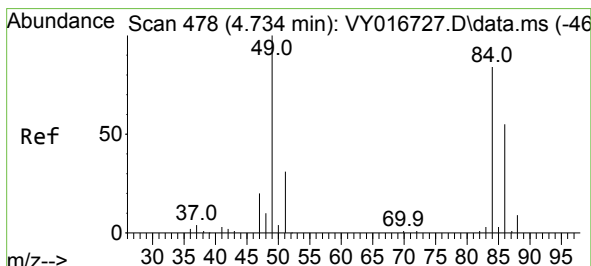
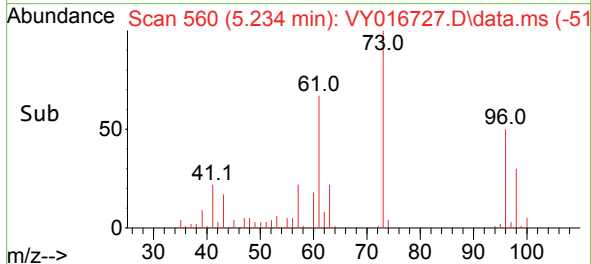
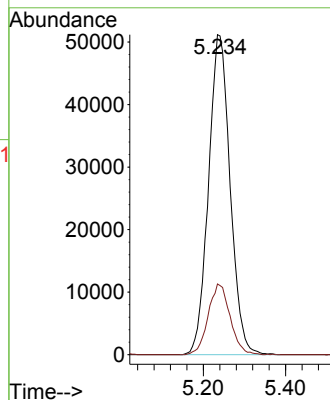
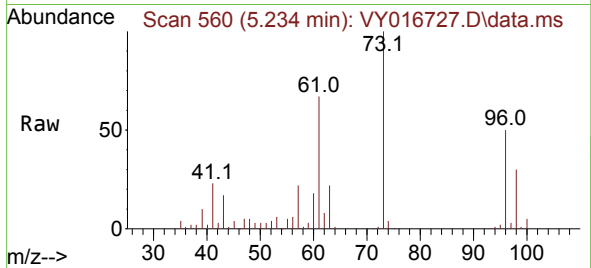




#19
Methyl tert-butyl Ether
Concen: 45.811 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

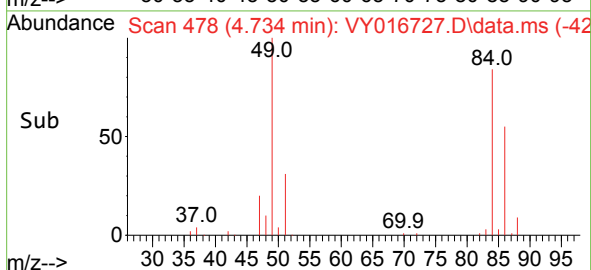
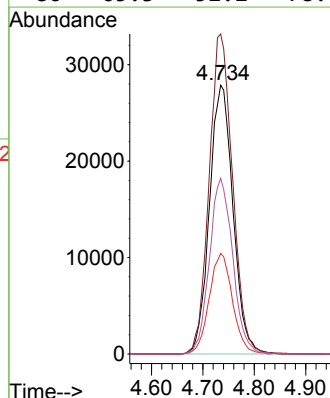
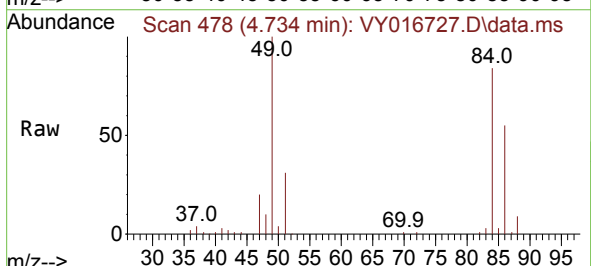
Instrument :
MSVOA_Y
ClientSampleId :

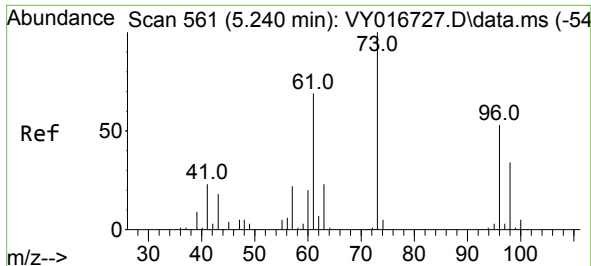
Tgt Ion: 73 Resp: 186820
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 41.677 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 84 Resp: 88743
Ion Ratio Lower Upper
84 100
49 119.0 95.2 142.8
51 37.4 29.9 44.9
86 65.3 52.2 78.4

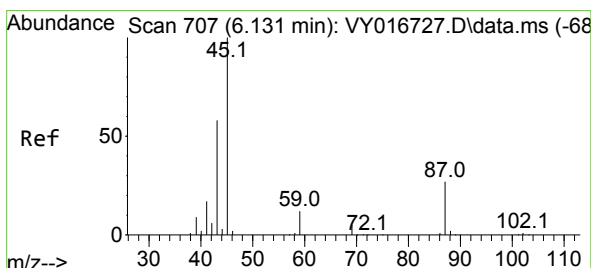
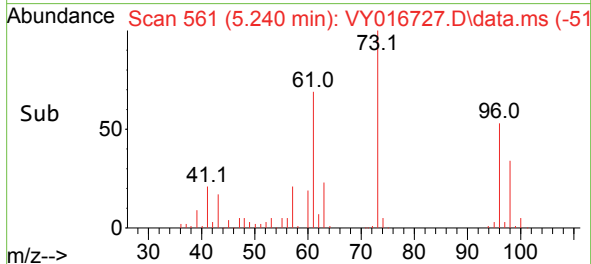
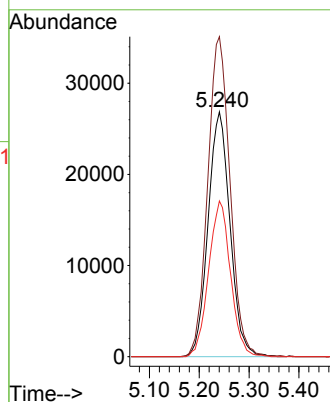
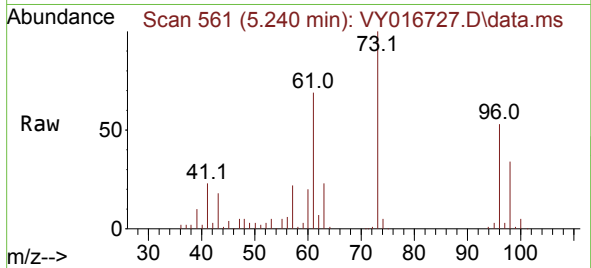




#21
trans-1,2-Dichloroethene
Concen: 45.429 ug/l
RT: 5.240 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

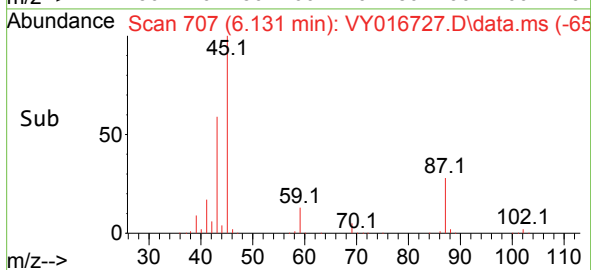
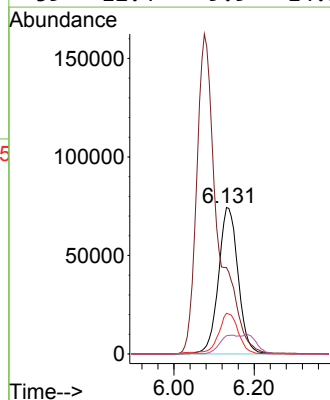
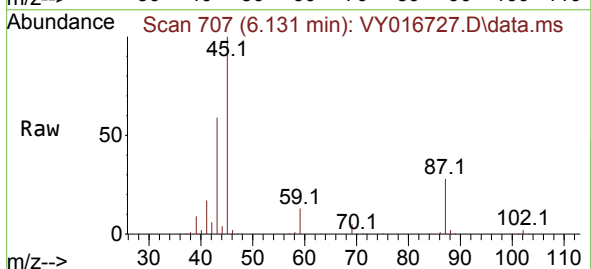
Instrument :
MSVOA_Y
ClientSampleId :

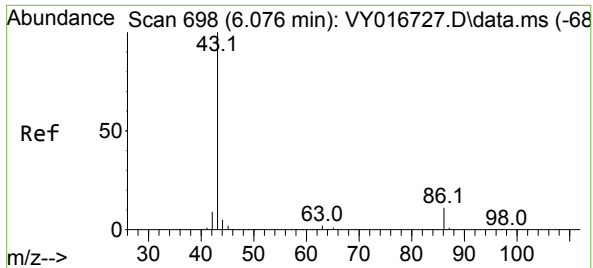
Tgt Ion: 96 Resp: 82118
Ion Ratio Lower Upper
96 100
61 130.7 104.6 156.8
98 63.6 50.9 76.3



#22
Diisopropyl ether
Concen: 45.988 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 45 Resp: 252570
Ion Ratio Lower Upper
45 100
43 58.5 46.8 70.2
87 27.7 22.2 33.2
59 12.4 9.9 14.9

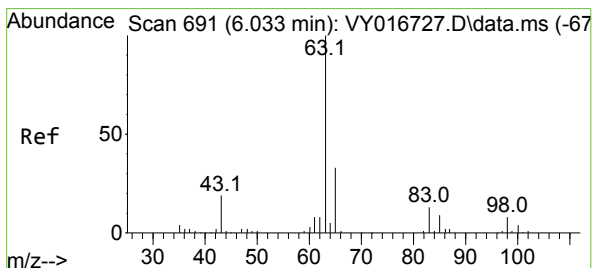
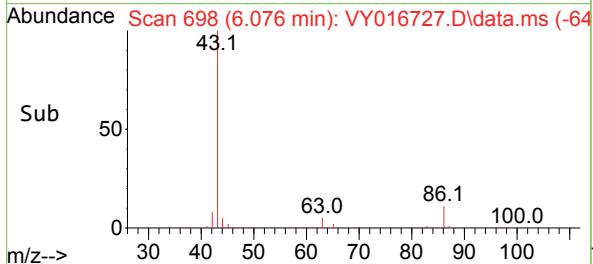
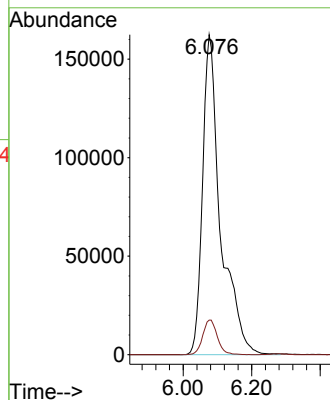
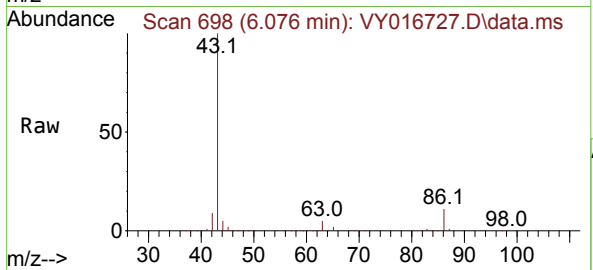




#23
 Vinyl Acetate
 Concen: 228.513 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016727.D
 Acq: 20 Dec 2023 16:10

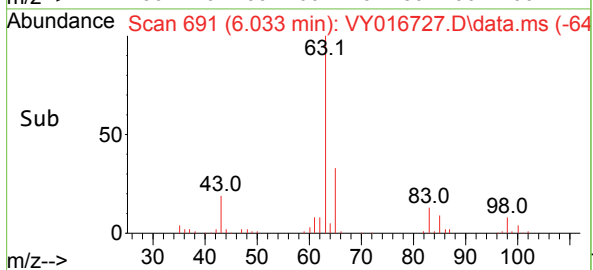
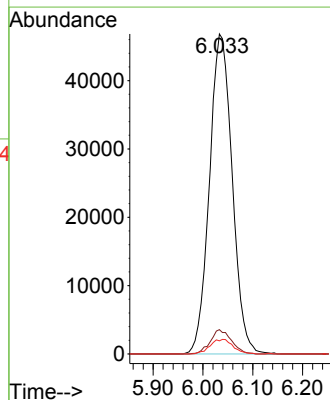
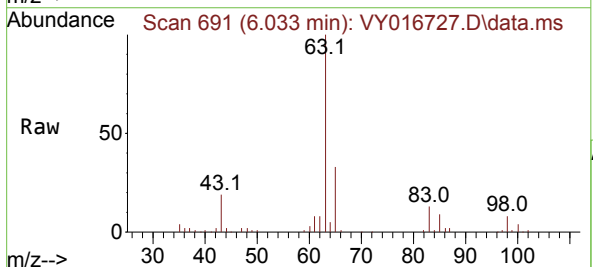
Instrument :
 MSVOA_Y
 ClientSampleId :

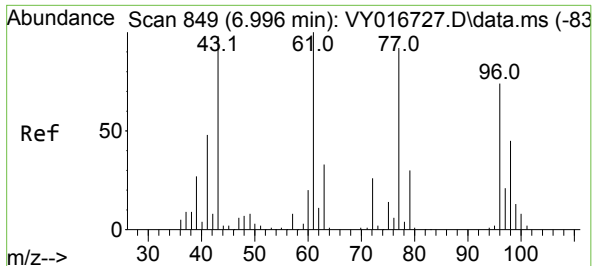
Tgt Ion: 43 Resp: 593566
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 45.029 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016727.D
 Acq: 20 Dec 2023 16:10

Tgt Ion: 63 Resp: 148559
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.8 11.4
 100 4.1 2.1 6.2

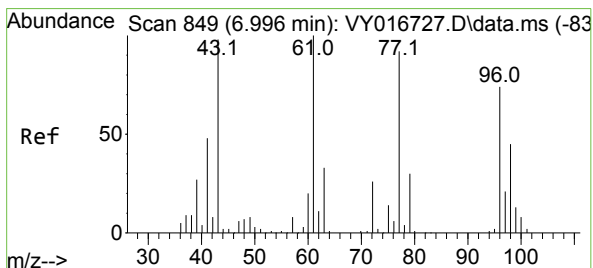
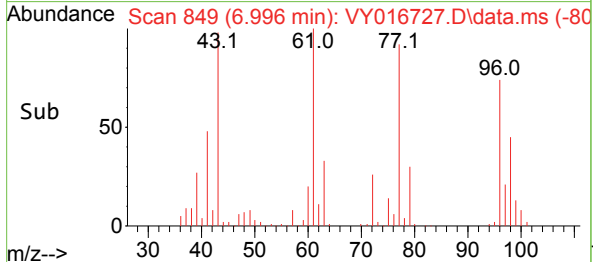
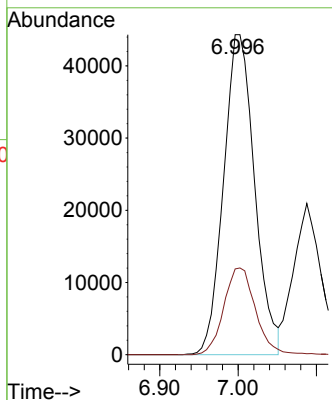
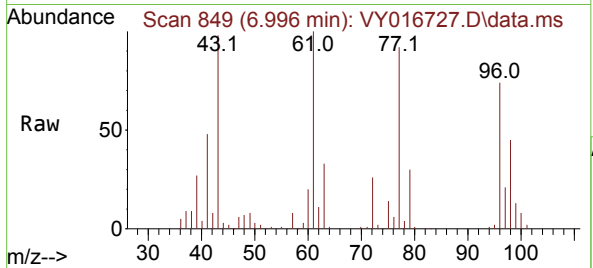




#25
2-Butanone
Concen: 214.370 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

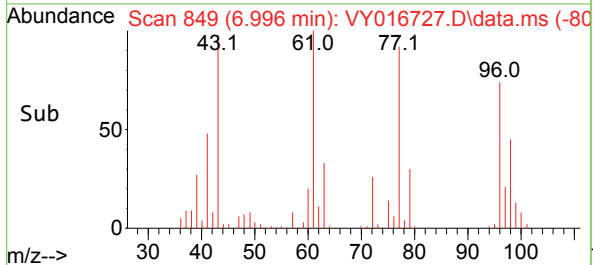
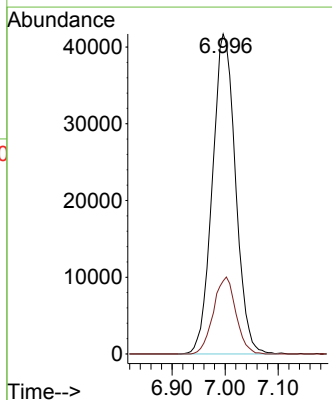
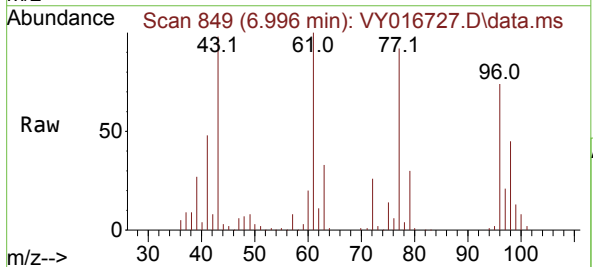
Instrument :
MSVOA_Y
ClientSampleId :

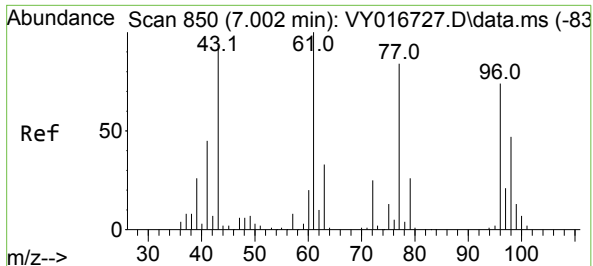
Tgt Ion: 43 Resp: 122320
Ion Ratio Lower Upper
43 100
72 26.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 43.910 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 77 Resp: 126418
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 45.535 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

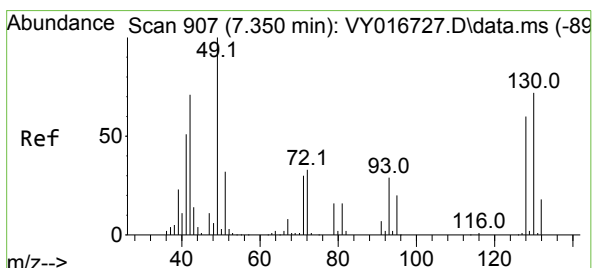
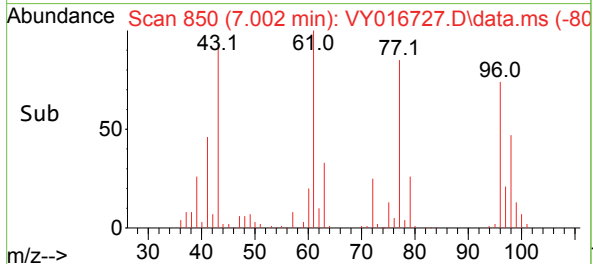
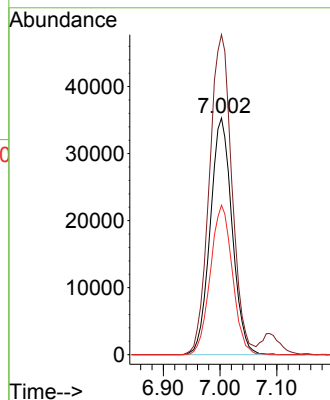
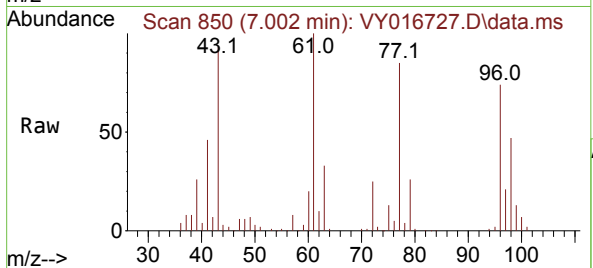
Tgt Ion: 96 Resp: 94729

Ion Ratio Lower Upper

96 100

61 139.4 0.0 278.8

98 63.5 0.0 127.0



#28

Bromochloromethane

Concen: 55.314 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

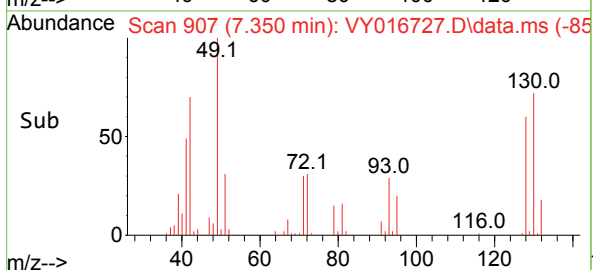
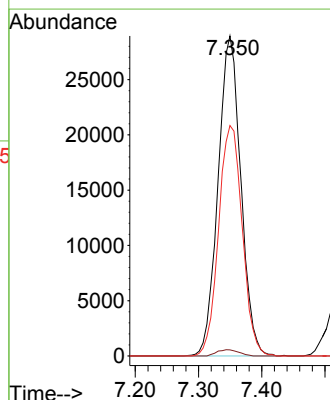
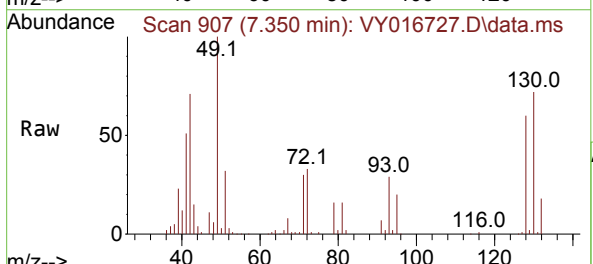
Tgt Ion: 49 Resp: 72228

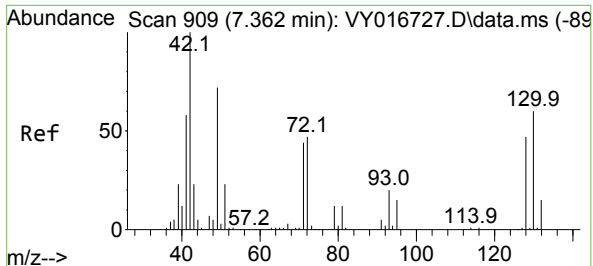
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 244.205 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

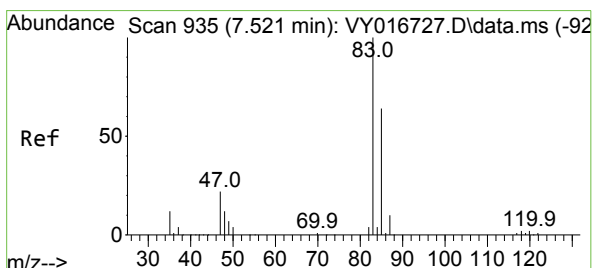
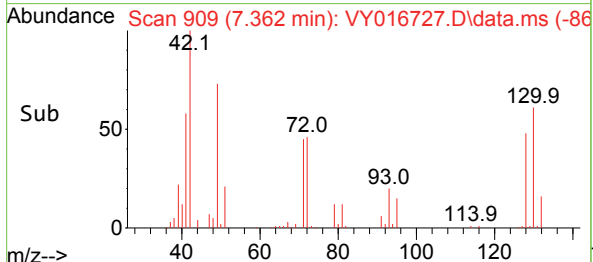
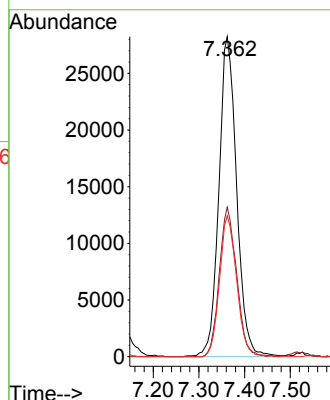
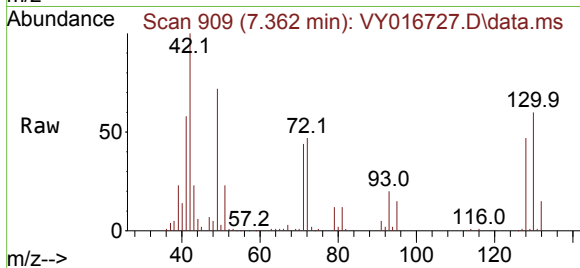
Tgt Ion: 42 Resp: 76193

Ion Ratio Lower Upper

42 100

72 45.7 36.6 54.8

71 42.2 33.8 50.6



#30

Chloroform

Concen: 44.540 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016727.D

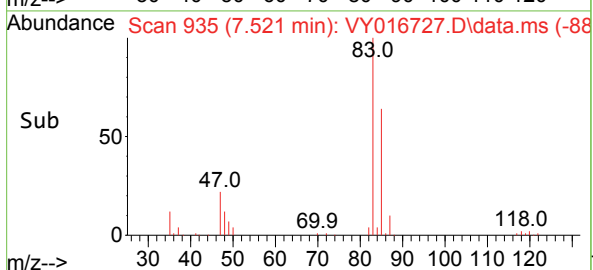
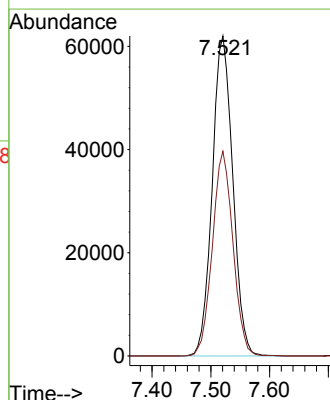
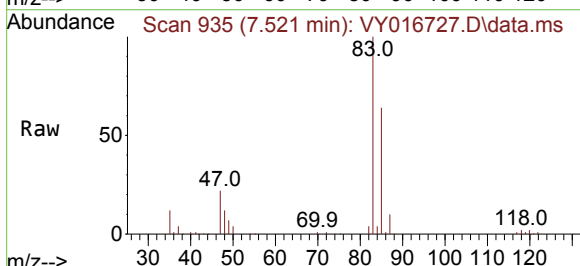
Acq: 20 Dec 2023 16:10

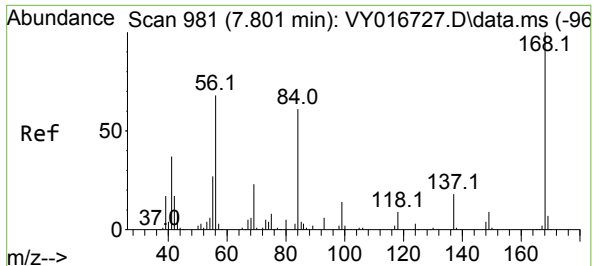
Tgt Ion: 83 Resp: 150429

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

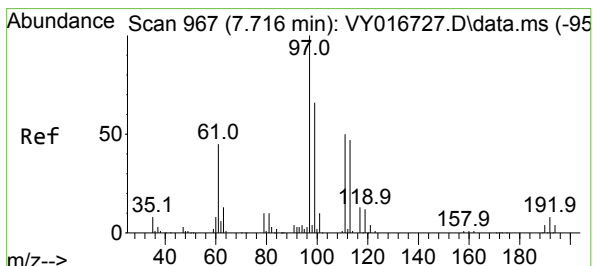
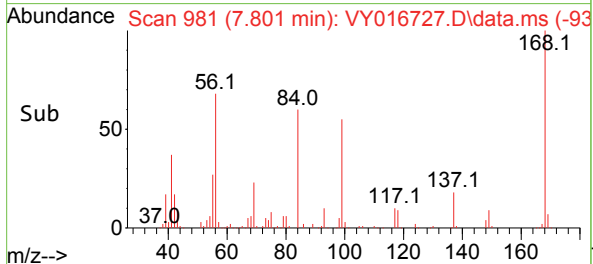
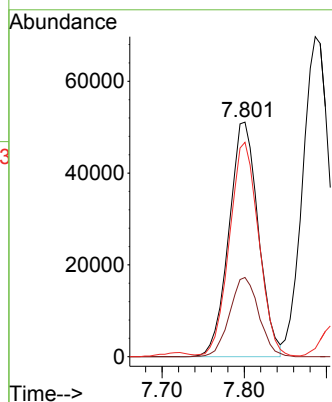
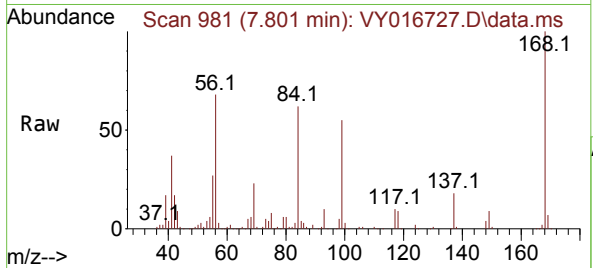




#31
Cyclohexane
Concen: 43.263 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

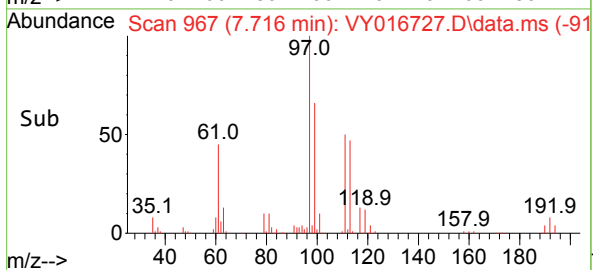
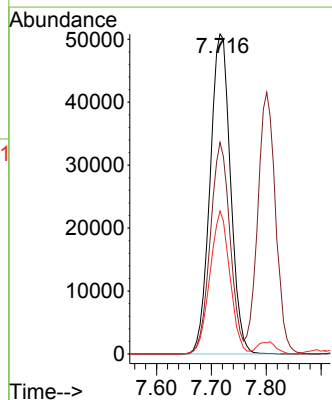
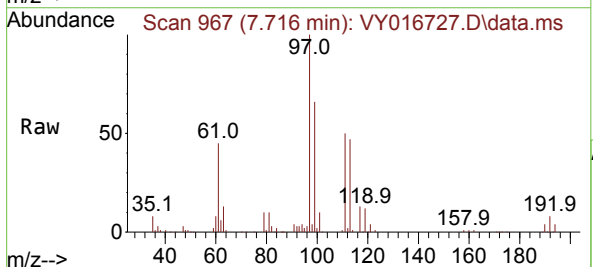
Instrument :
MSVOA_Y
ClientSampleId :

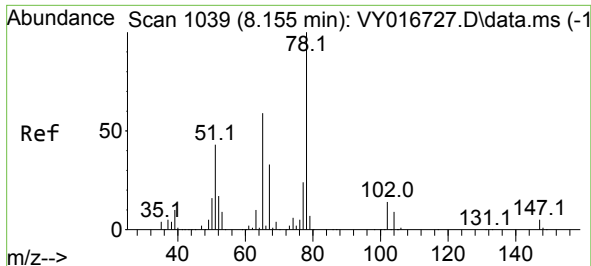
Tgt Ion: 56 Resp: 127039
Ion Ratio Lower Upper
56 100
69 33.8 27.0 40.6
84 89.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 44.313 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 97 Resp: 131372
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 57.328 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

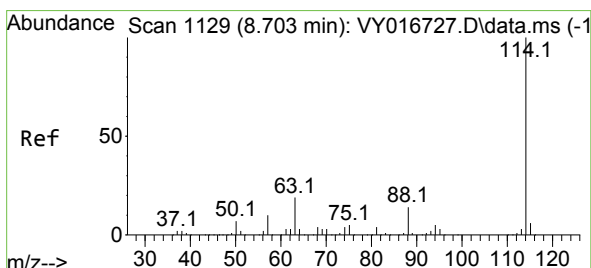
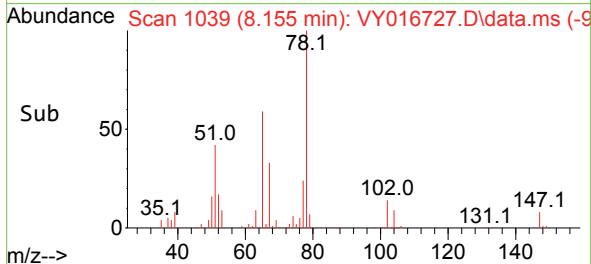
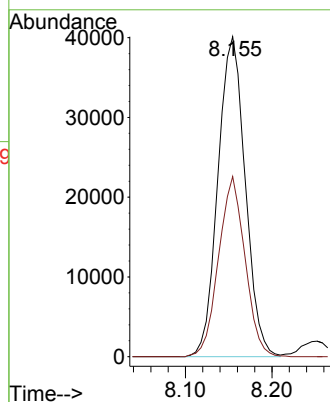
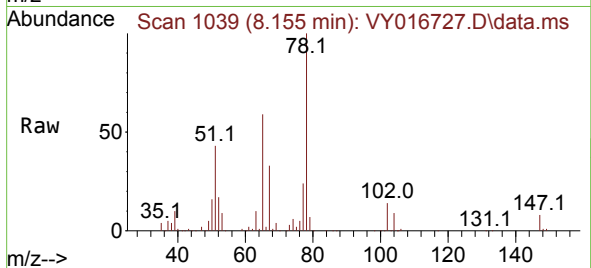
ClientSampleId :

Tgt Ion: 65 Resp: 87861

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

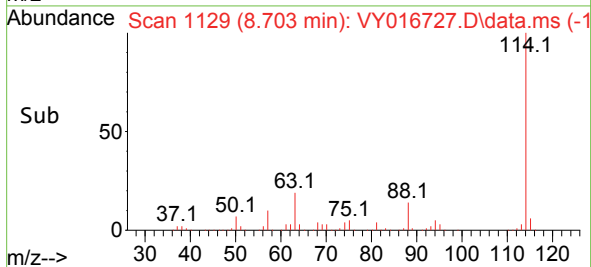
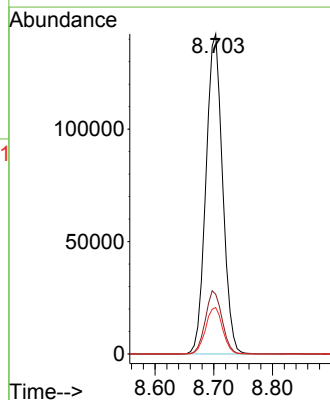
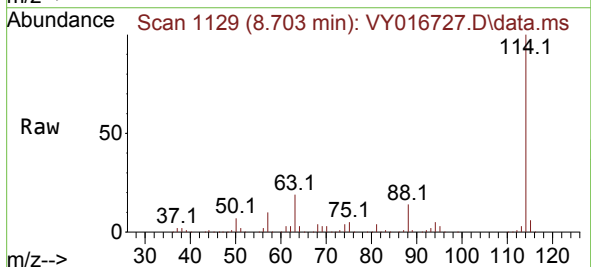
Tgt Ion:114 Resp: 278992

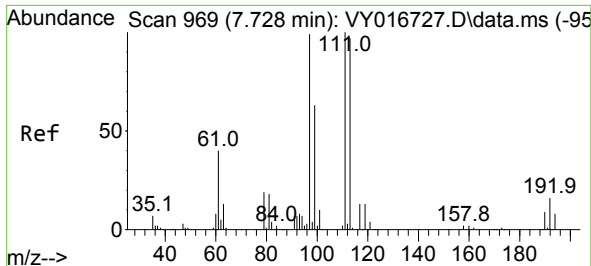
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

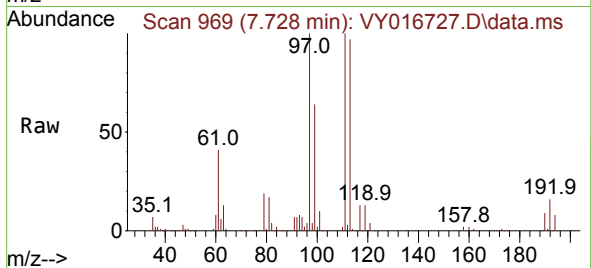
88 14.5 0.0 29.0



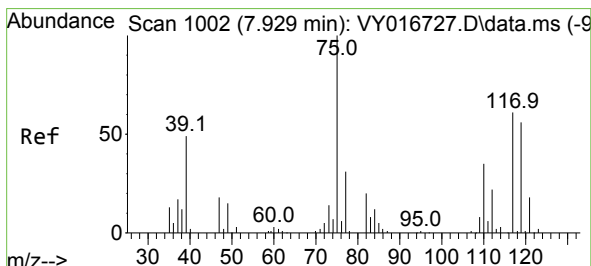
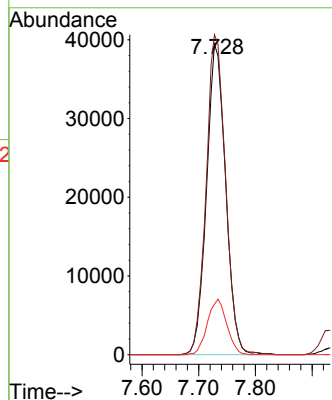
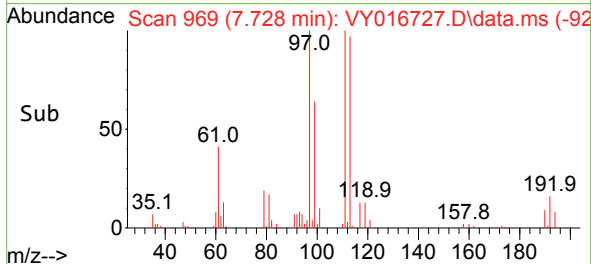


#35
Dibromofluoromethane
Concen: 57.800 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

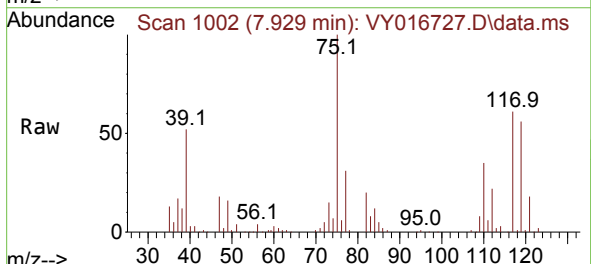
Instrument :
MSVOA_Y
ClientSampleId :



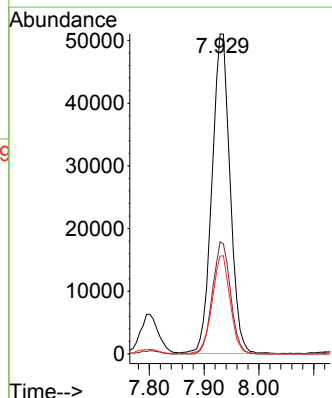
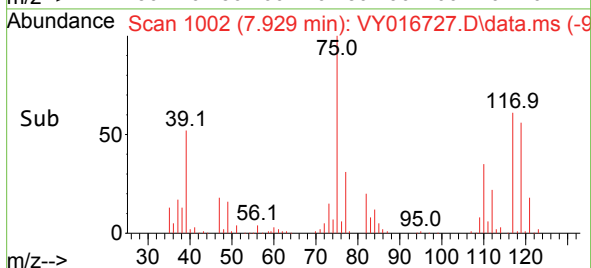
Tgt Ion:113 Resp: 92372
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 18.1 14.5 21.7

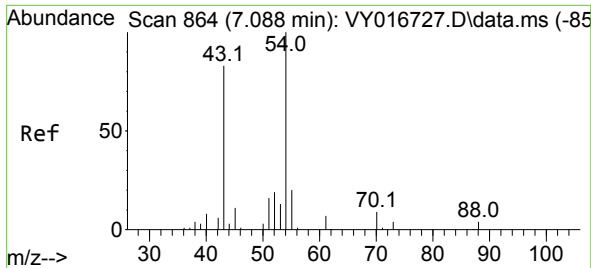


#36
1,1-Dichloropropene
Concen: 45.352 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10



Tgt Ion: 75 Resp: 116194
Ion Ratio Lower Upper
75 100
110 34.9 17.4 52.3
77 30.9 24.7 37.1

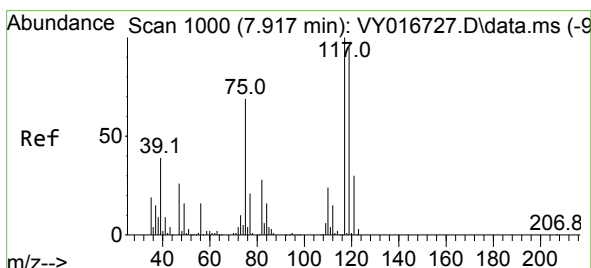
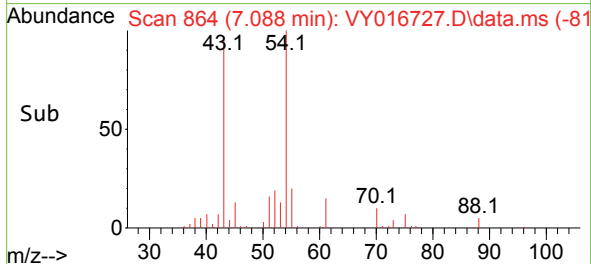
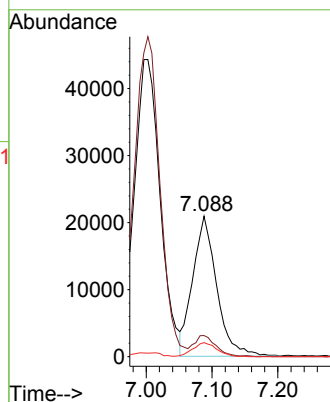
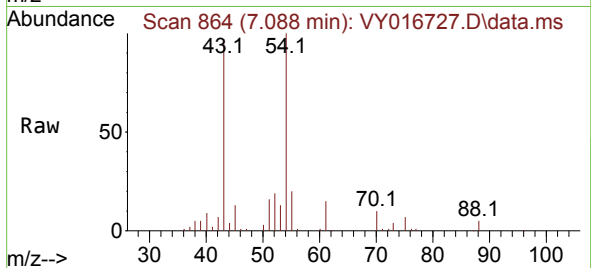




#37
Ethyl Acetate
Concen: 47.112 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

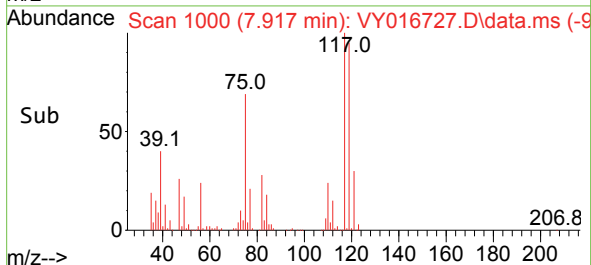
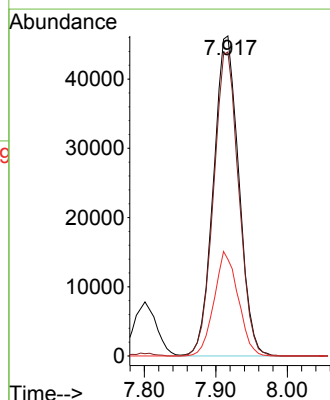
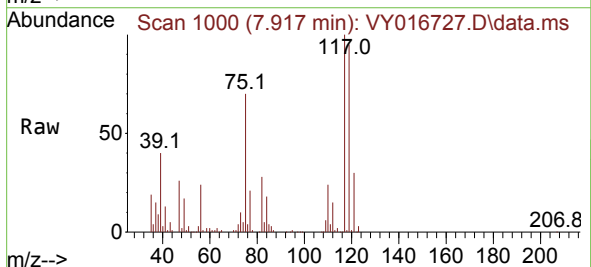
Instrument :
MSVOA_Y
ClientSampleId :

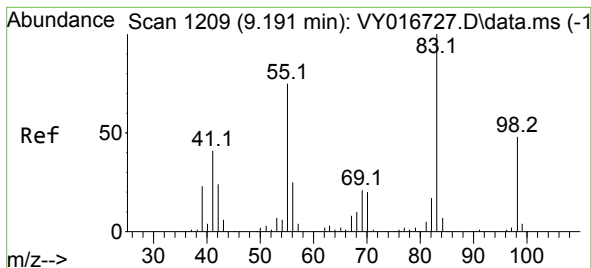
Tgt Ion: 43 Resp: 52828
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 44.852 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 117 Resp: 113712
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 46.511 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

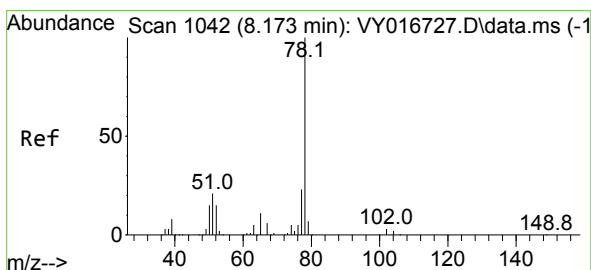
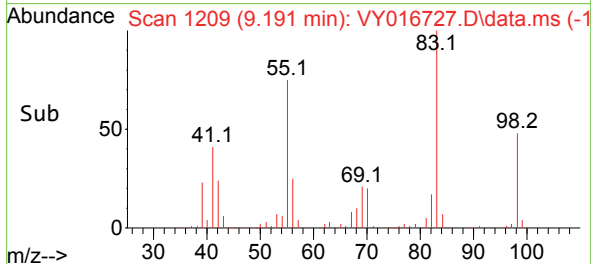
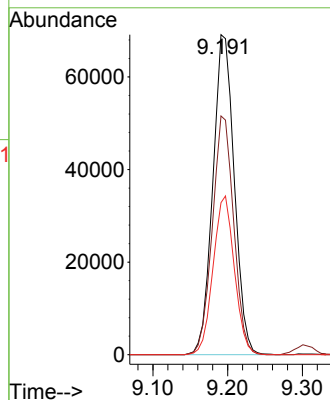
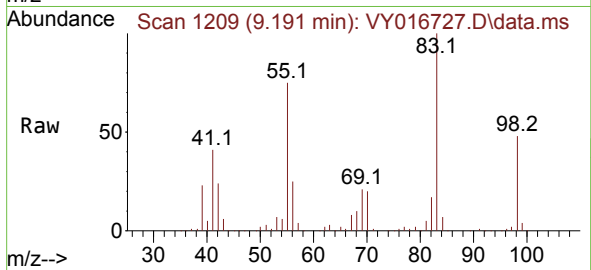
Tgt Ion: 83 Resp: 137583

Ion Ratio Lower Upper

83 100

55 74.6 59.7 89.5

98 47.5 38.0 57.0



#40

Benzene

Concen: 45.613 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016727.D

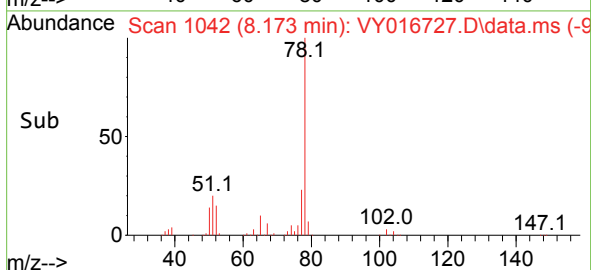
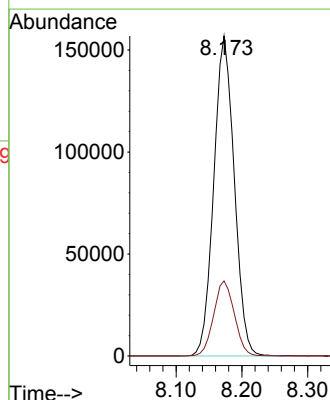
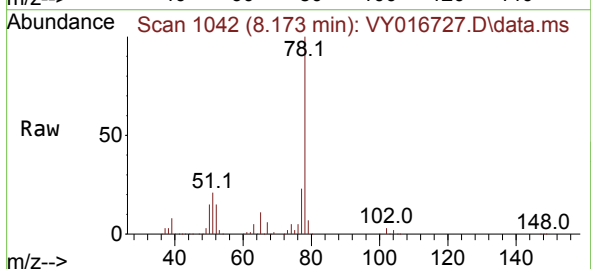
Acq: 20 Dec 2023 16:10

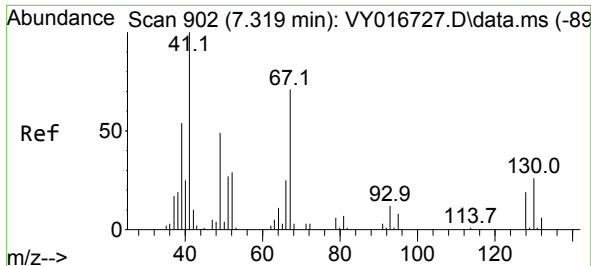
Tgt Ion: 78 Resp: 340080

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

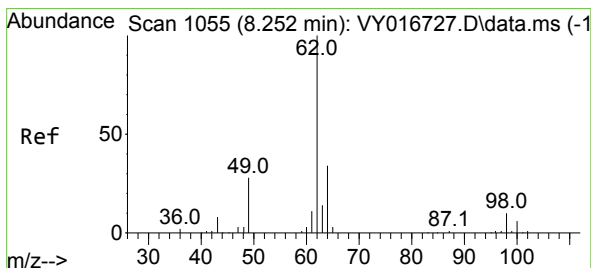
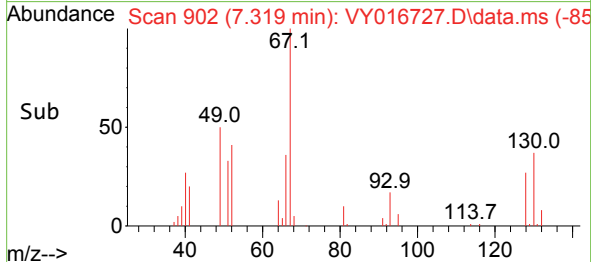
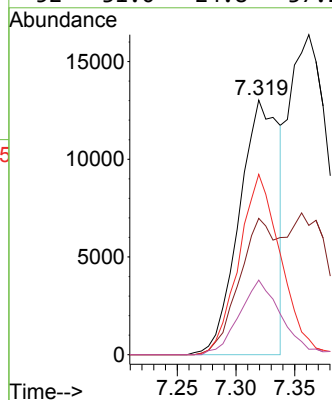
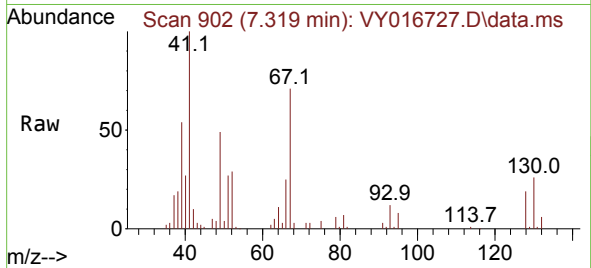




#41
Methacrylonitrile
Concen: 52.889 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

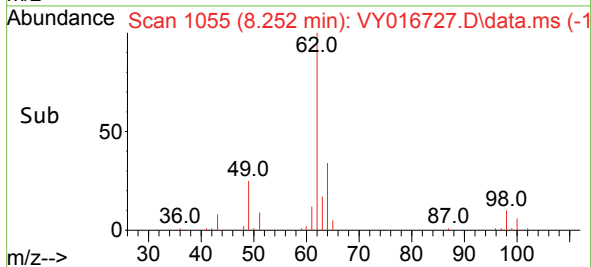
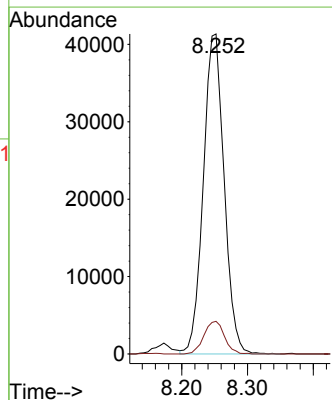
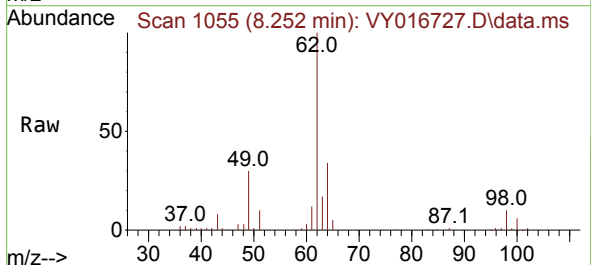
Instrument :
MSVOA_Y
ClientSampleId :

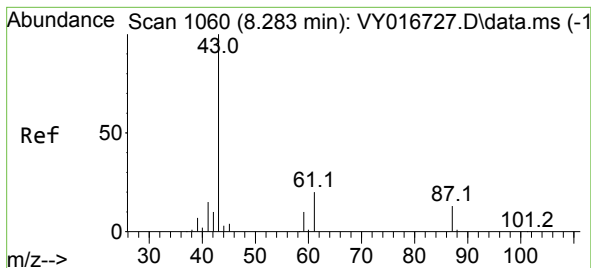
Tgt Ion: 41	Resp: 30837
Ion Ratio	Lower Upper
41 100	
39 52.4	41.9 62.9
67 74.7	59.8 89.6
52 31.0	24.8 37.2



#42
1,2-Dichloroethane
Concen: 46.748 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 62	Resp: 90932
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 20.2





#43

Isopropyl Acetate

Concen: 46.840 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

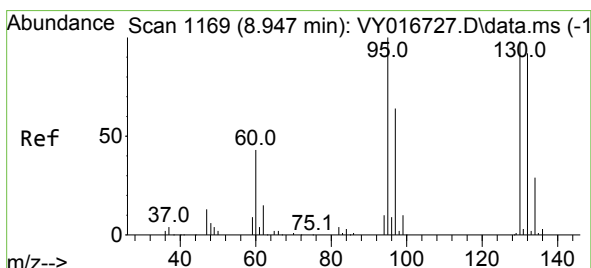
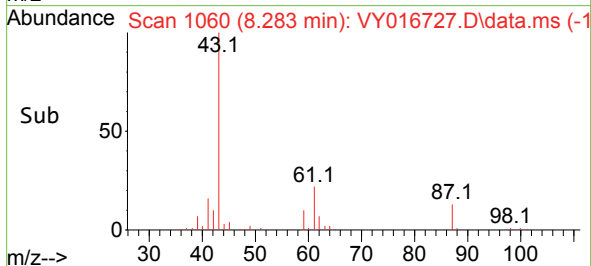
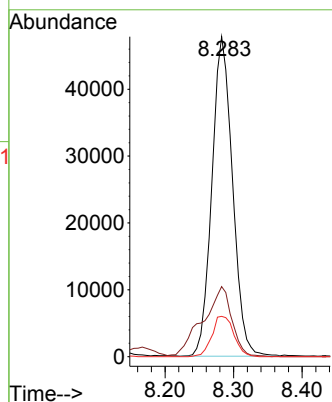
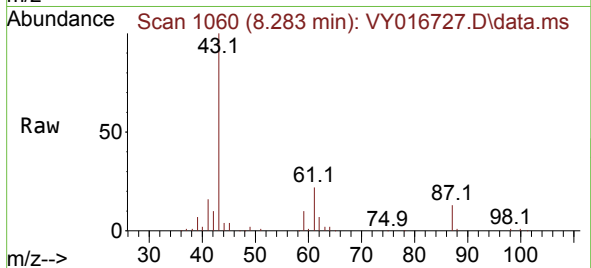
Tgt Ion: 43 Resp: 99904

Ion Ratio Lower Upper

43 100

61 31.0 24.8 37.2

87 13.4 10.7 16.1



#44

Trichloroethene

Concen: 45.131 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY016727.D

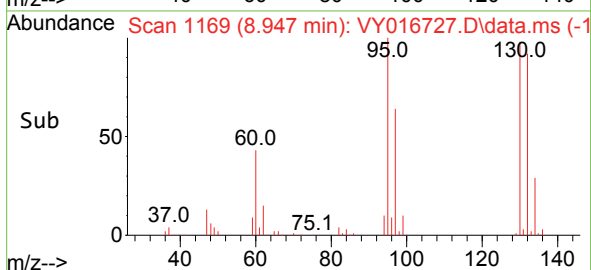
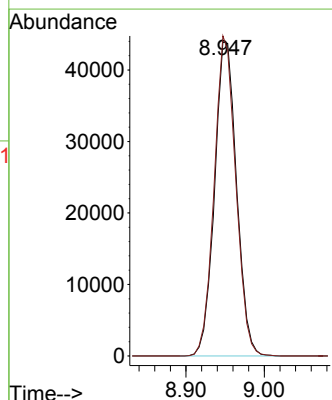
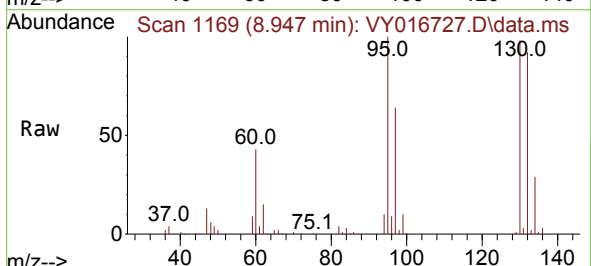
Acq: 20 Dec 2023 16:10

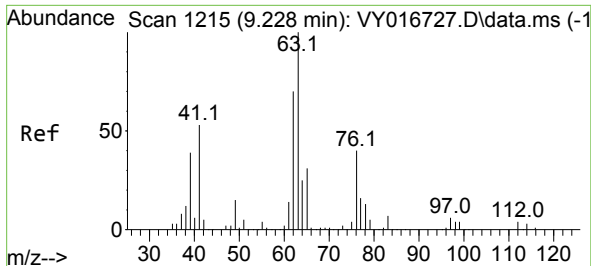
Tgt Ion:130 Resp: 85881

Ion Ratio Lower Upper

130 100

95 101.9 0.0 203.8

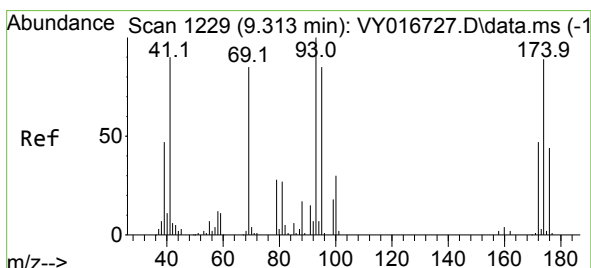
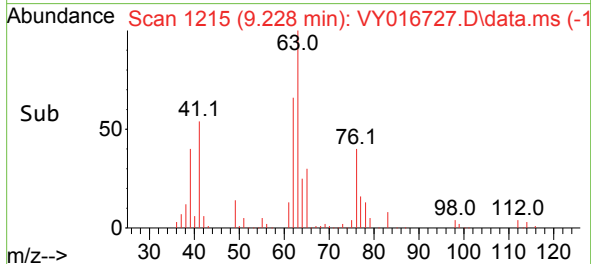
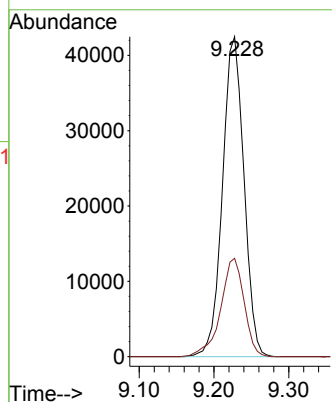
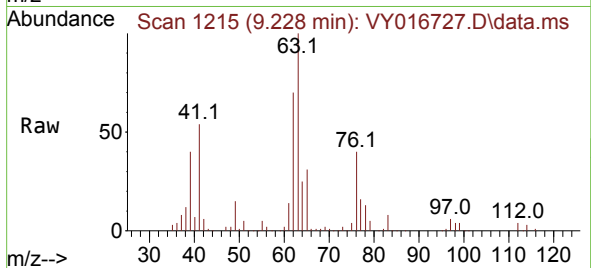




#45
1,2-Dichloropropane
Concen: 45.345 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

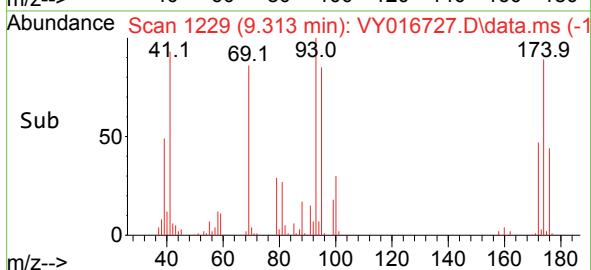
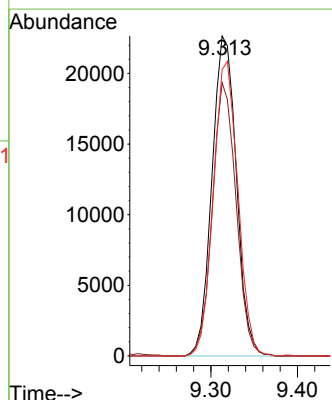
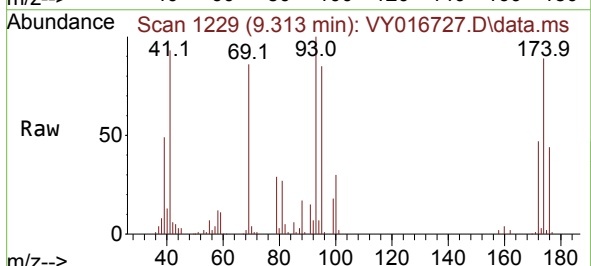
Instrument :
MSVOA_Y
ClientSampleId :

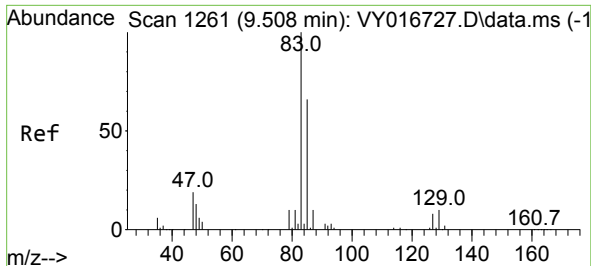
Tgt Ion: 63 Resp: 84806
Ion Ratio Lower Upper
63 100
65 30.7 24.6 36.8



#46
Dibromomethane
Concen: 45.902 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 93 Resp: 44349
Ion Ratio Lower Upper
93 100
95 83.2 66.6 99.8
174 92.2 73.8 110.6

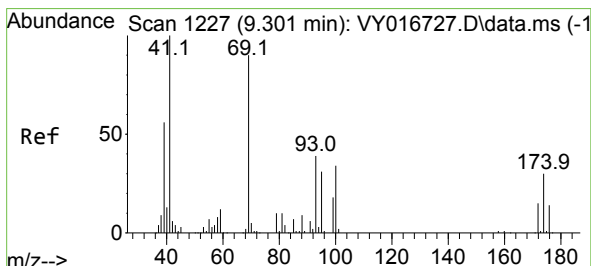
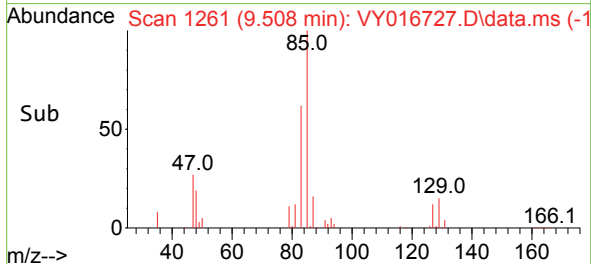
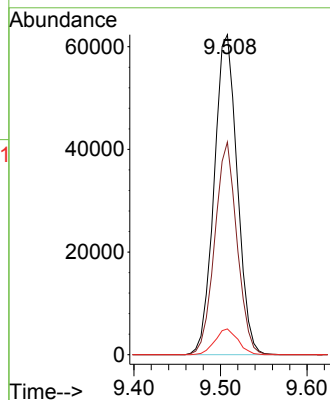
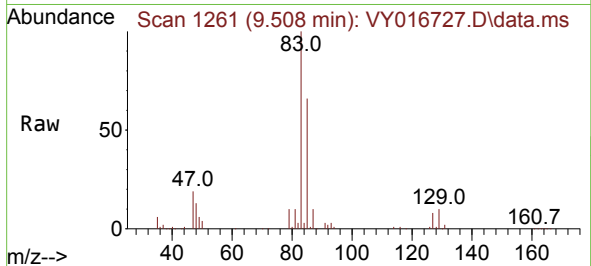




#47
Bromodichloromethane
Concen: 45.322 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

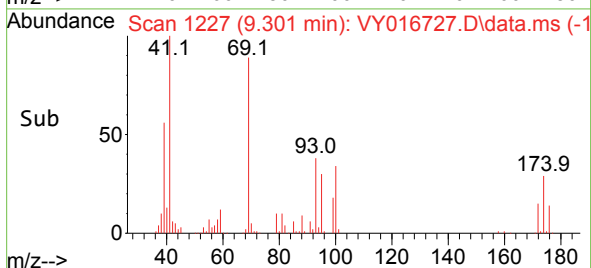
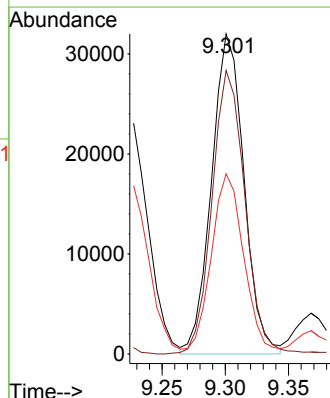
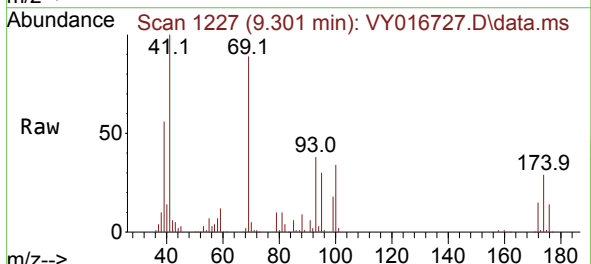
Instrument :
MSVOA_Y
ClientSampleId :

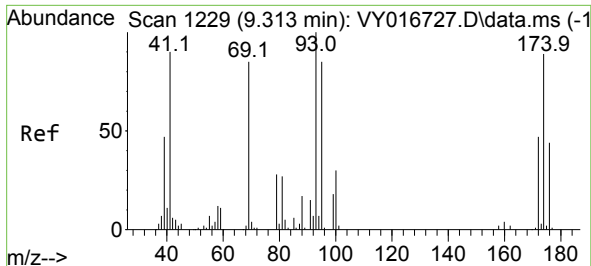
Tgt Ion: 83 Resp: 115414
Ion Ratio Lower Upper
83 100
85 66.5 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 47.752 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

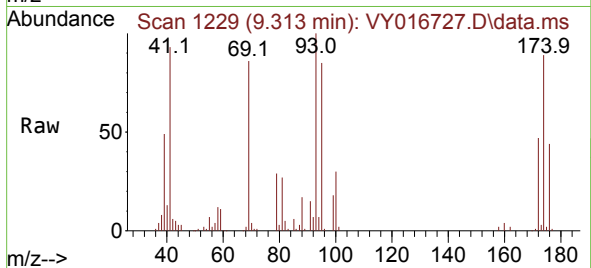
Tgt Ion: 41 Resp: 57125
Ion Ratio Lower Upper
41 100
69 90.1 72.1 108.1
39 53.5 42.8 64.2



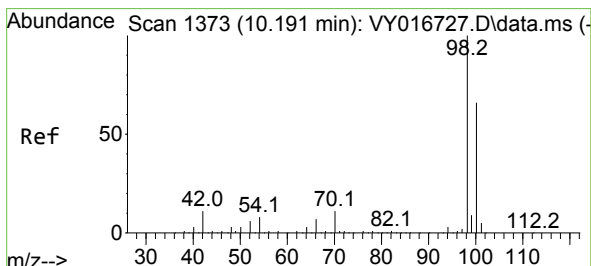
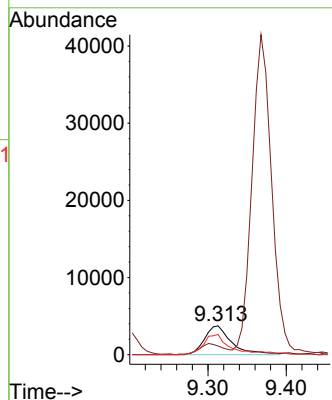
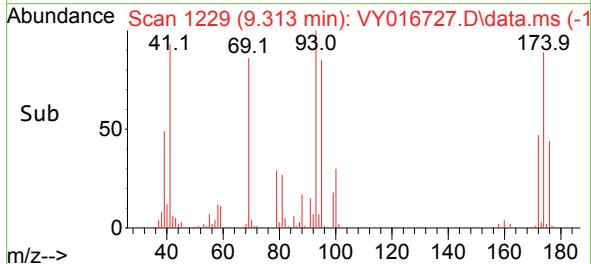


#49
1,4-Dioxane
Concen: 955.475 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Instrument :
MSVOA_Y
ClientSampleId :

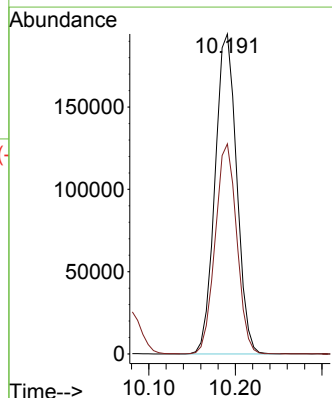
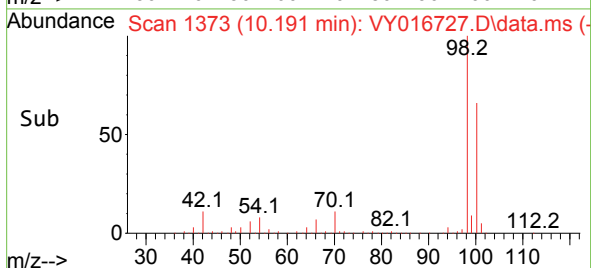
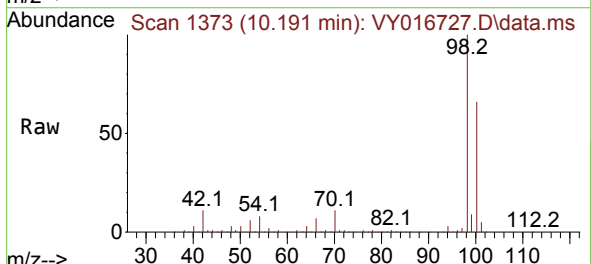


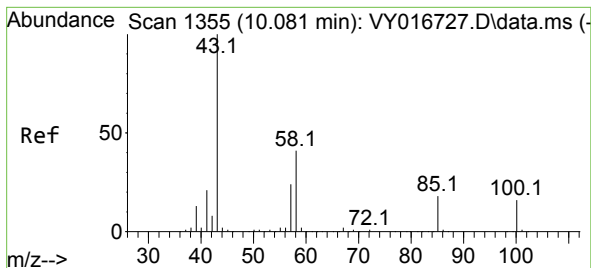
Tgt Ion: 88 Resp: 8960
Ion Ratio Lower Upper
88 100
43 35.3 28.2 42.4
58 65.2 52.2 78.2



#50
Toluene-d8
Concen: 58.562 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 98 Resp: 337379
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

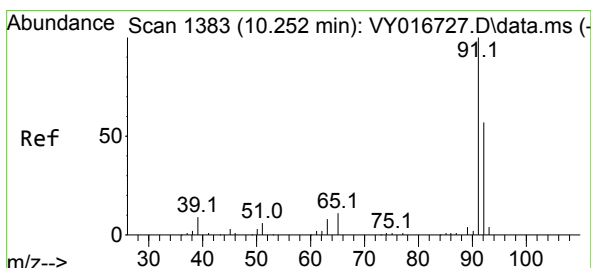
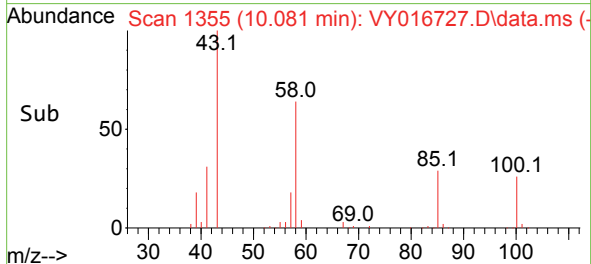
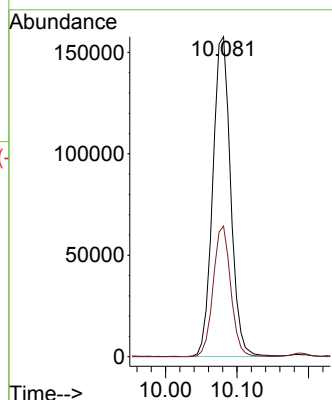
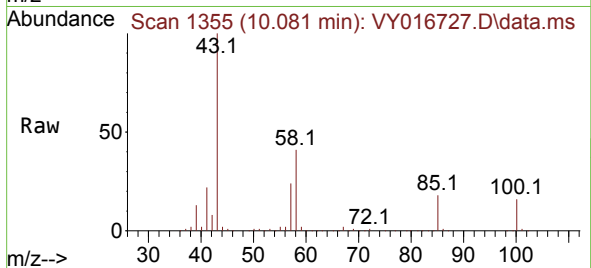




#51
4-Methyl-2-Pentanone
Concen: 241.268 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

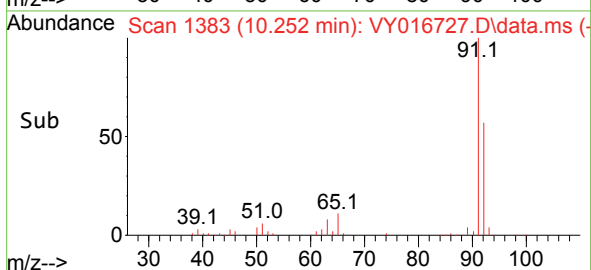
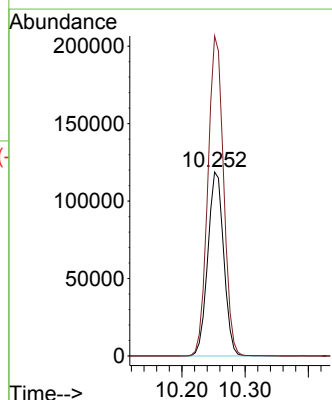
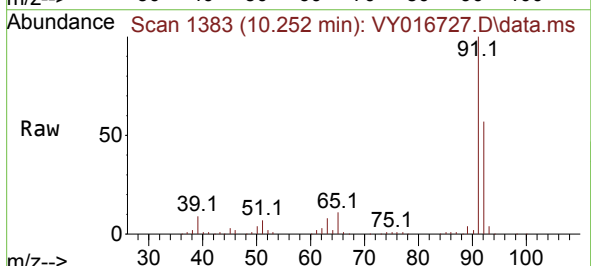
Instrument :
MSVOA_Y
ClientSampleId :

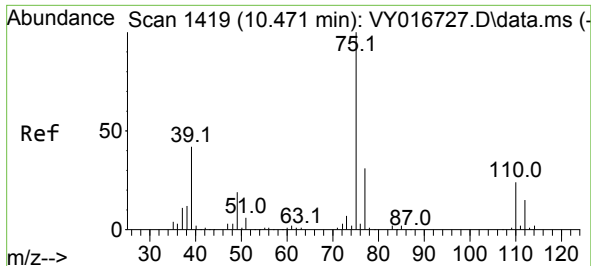
Tgt Ion: 43 Resp: 274180
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 46.450 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 92 Resp: 207537
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4

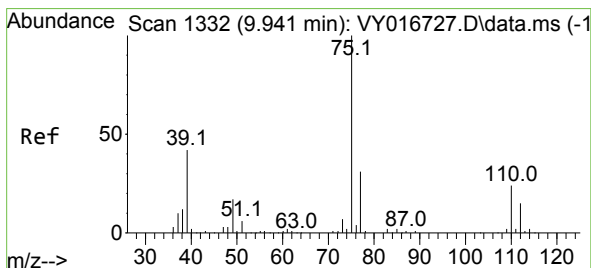
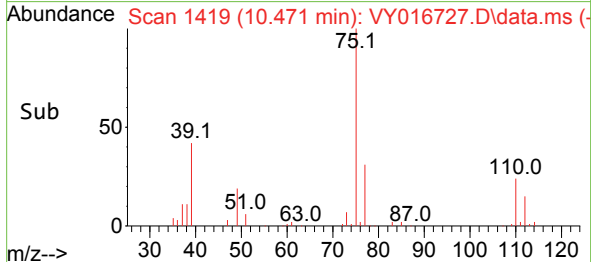
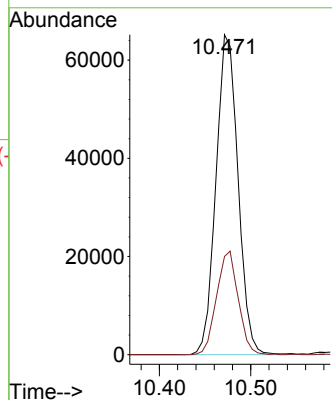
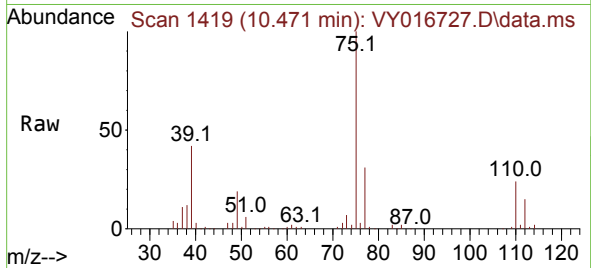




#53
 t-1,3-Dichloropropene
 Concen: 47.110 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016727.D
 Acq: 20 Dec 2023 16:10

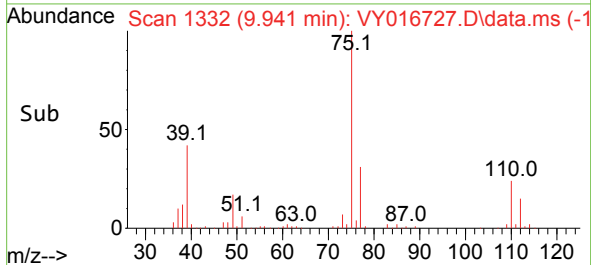
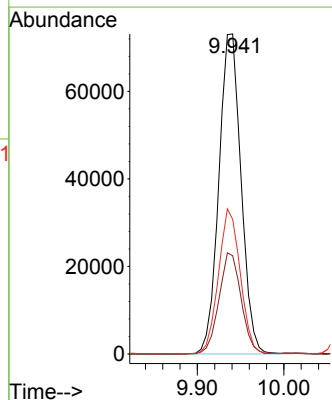
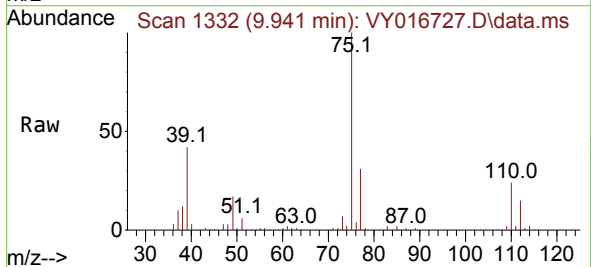
Instrument :
 MSVOA_Y
 ClientSampleId :

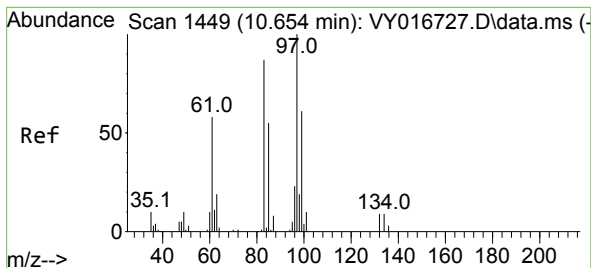
Tgt Ion: 75 Resp: 109390
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.475 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016727.D
 Acq: 20 Dec 2023 16:10

Tgt Ion: 75 Resp: 130167
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 42.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 45.971 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 63371

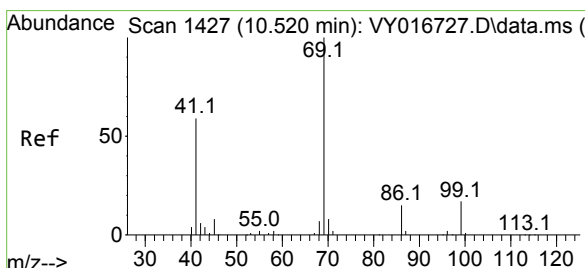
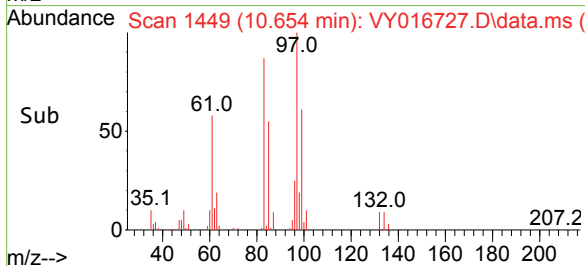
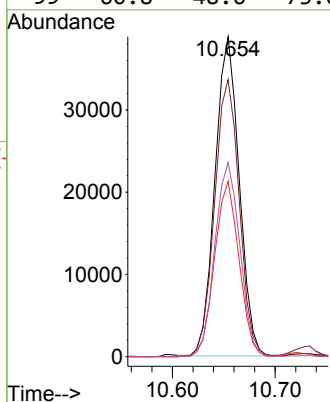
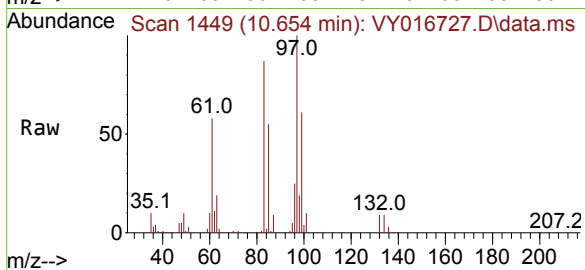
Ion Ratio Lower Upper

97 100

83 86.8 69.4 104.2

85 54.9 43.9 65.9

99 60.8 48.6 73.0



#56

Ethyl methacrylate

Concen: 48.904 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

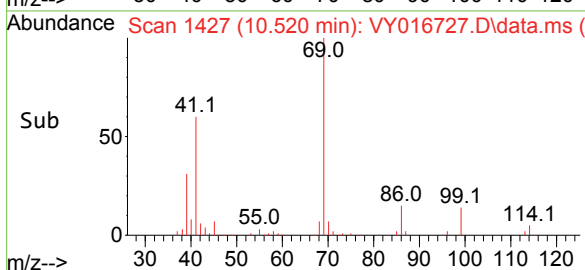
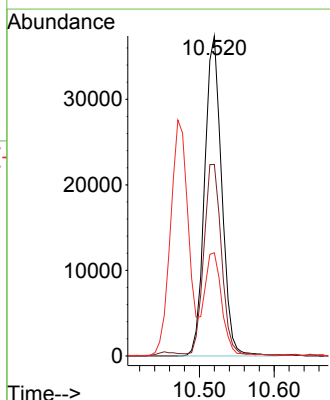
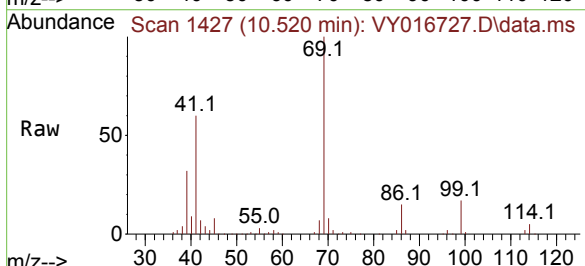
Tgt Ion: 69 Resp: 59279

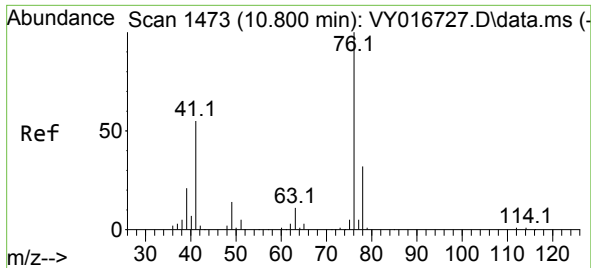
Ion Ratio Lower Upper

69 100

41 61.5 49.2 73.8

39 33.5 26.8 40.2

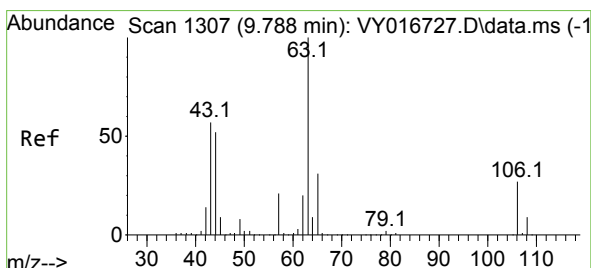
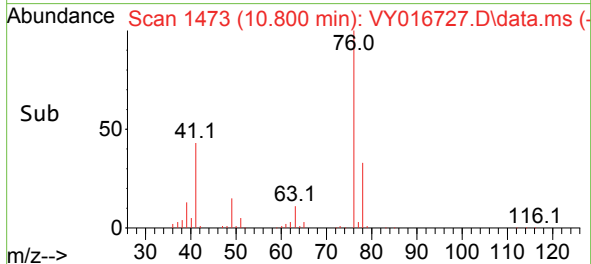
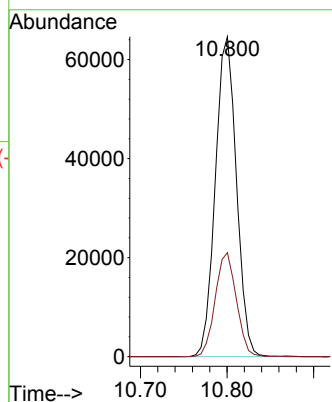
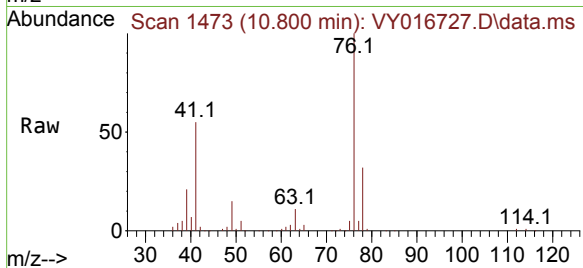




#57
1,3-Dichloropropane
Concen: 46.645 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

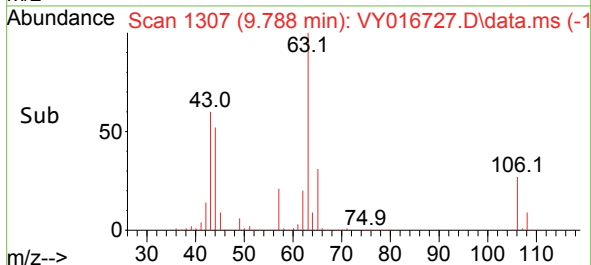
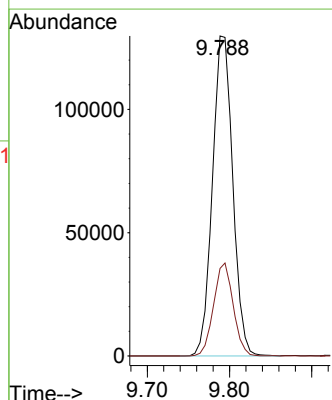
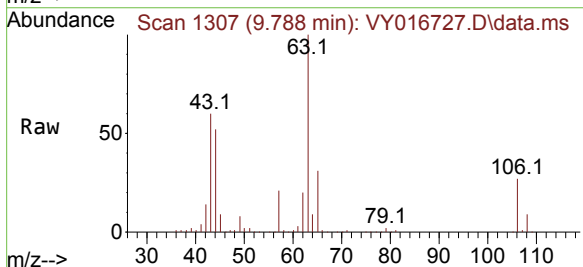
Instrument :
MSVOA_Y
ClientSampleId :

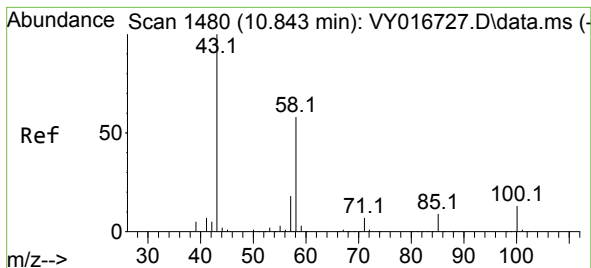
Tgt Ion: 76 Resp: 109216
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 228.383 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 63 Resp: 222685
Ion Ratio Lower Upper
63 100
106 28.0 22.4 33.6





#59

2-Hexanone

Concen: 227.178 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

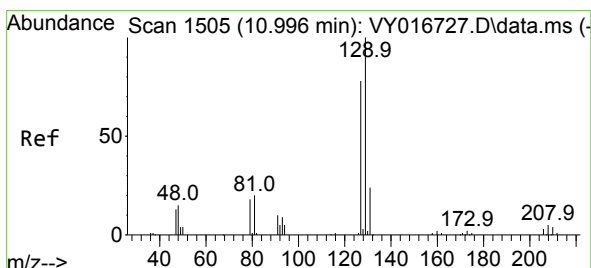
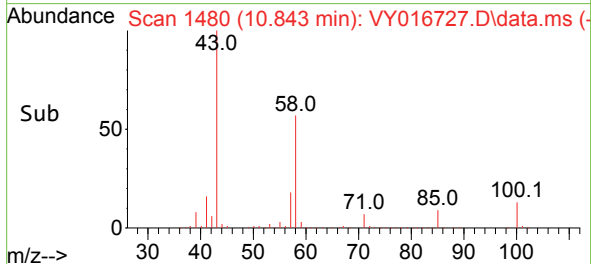
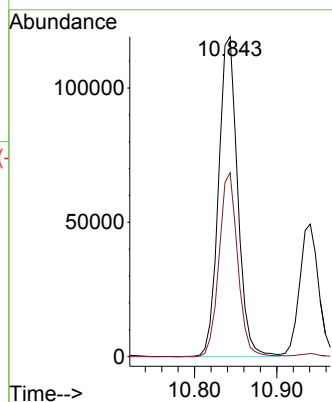
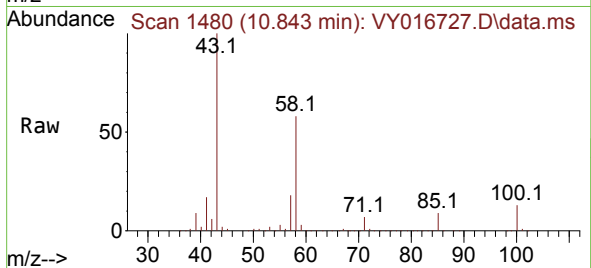
ClientSampleId :

Tgt Ion: 43 Resp: 192505

Ion Ratio Lower Upper

43 100

58 56.2 28.1 84.3



#60

Dibromochloromethane

Concen: 45.809 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.000 min

Lab File: VY016727.D

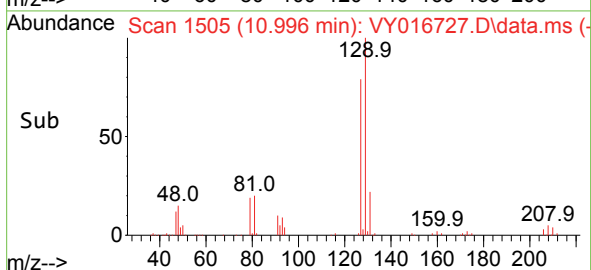
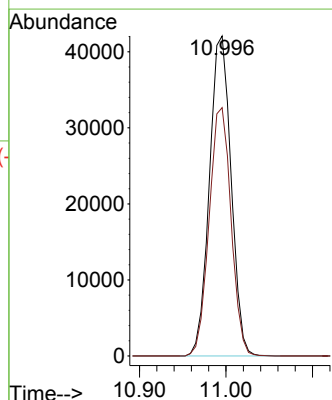
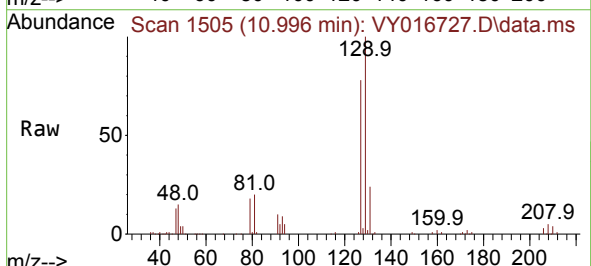
Acq: 20 Dec 2023 16:10

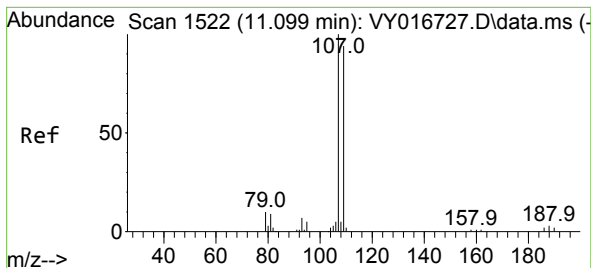
Tgt Ion: 129 Resp: 73050

Ion Ratio Lower Upper

129 100

127 78.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 46.626 ug/l

RT: 11.099 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

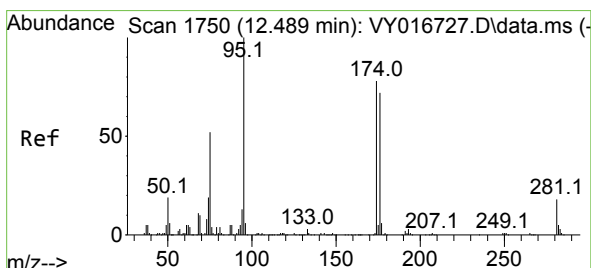
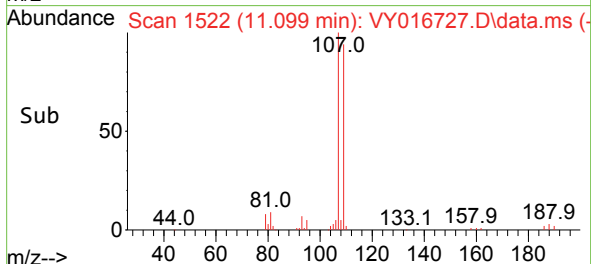
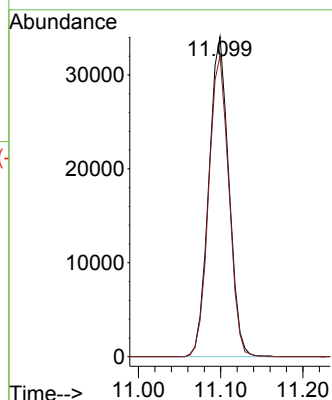
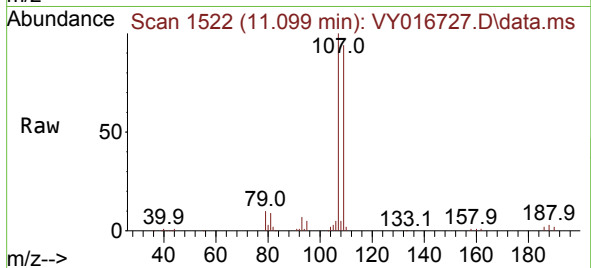
ClientSampleId :

Tgt Ion:107 Resp: 57640

Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 57.921 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

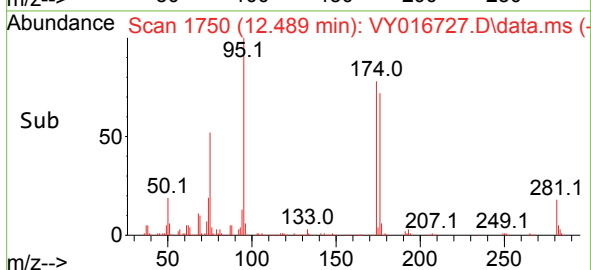
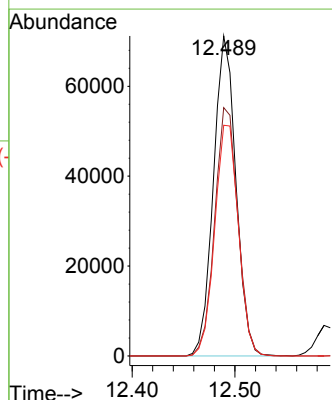
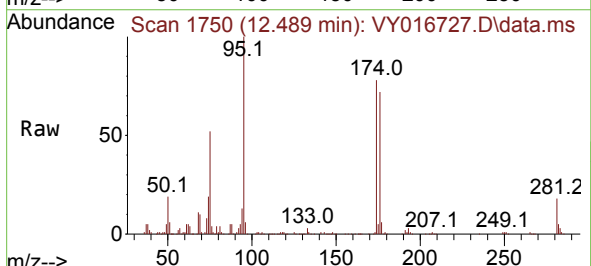
Tgt Ion: 95 Resp: 108259

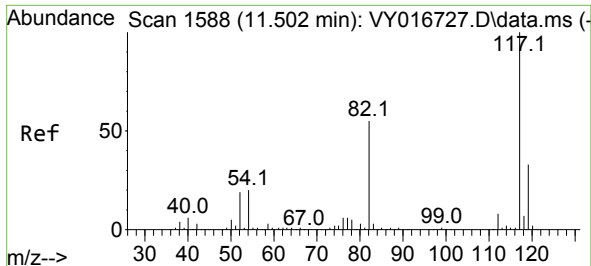
Ion Ratio Lower Upper

95 100

174 80.0 0.0 160.0

176 75.9 0.0 151.8

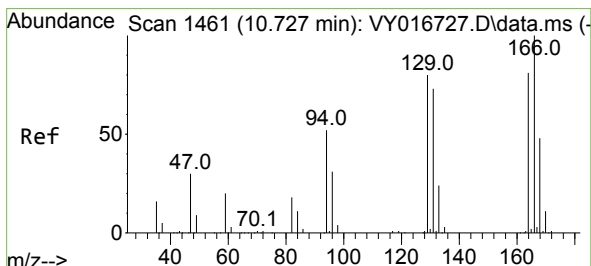
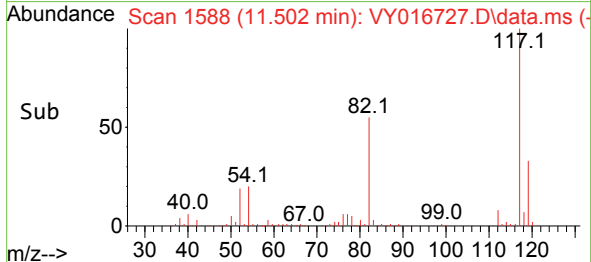
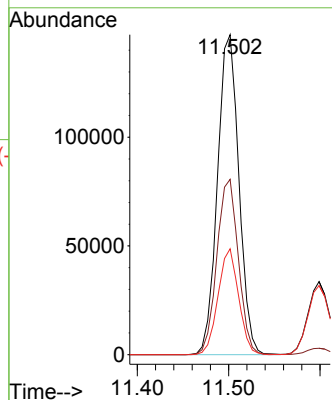
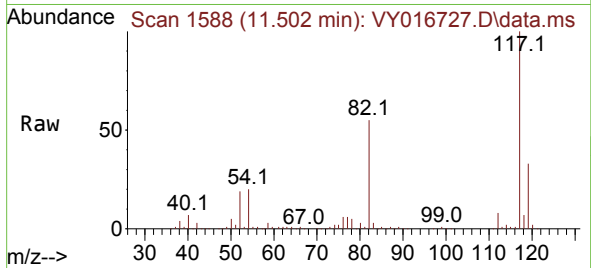




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

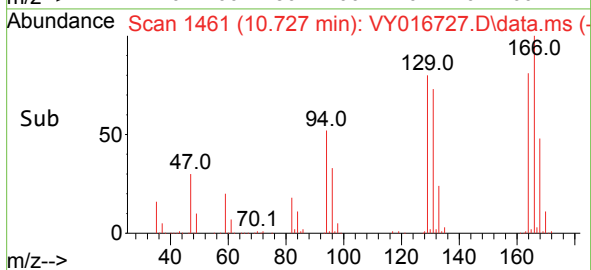
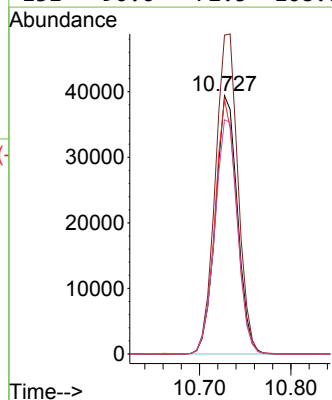
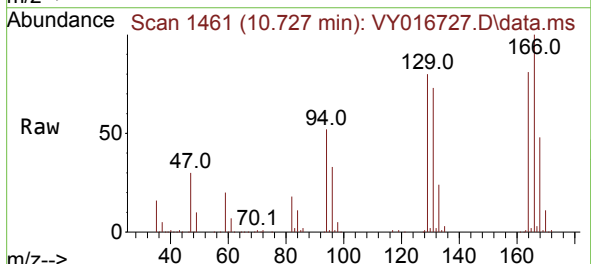
Instrument :
MSVOA_Y
ClientSampleId :

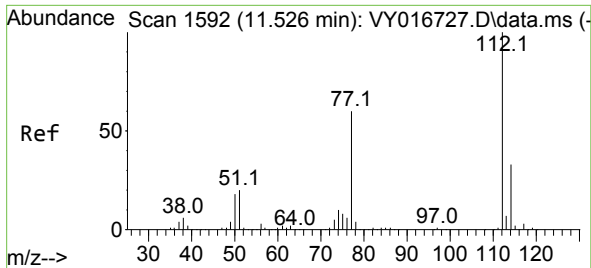
Tgt Ion:117 Resp: 239660
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 33.1 26.5 39.7



#64
Tetrachloroethene
Concen: 44.352 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion:164 Resp: 66029
Ion Ratio Lower Upper
164 100
166 123.5 98.8 148.2
129 98.6 78.9 118.3
131 90.6 72.5 108.7

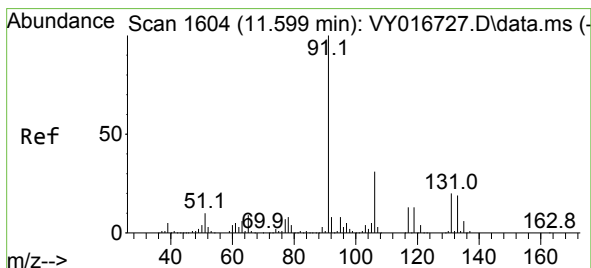
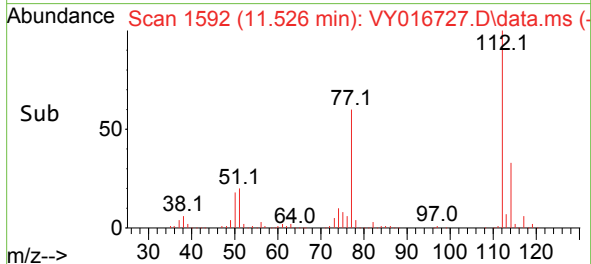
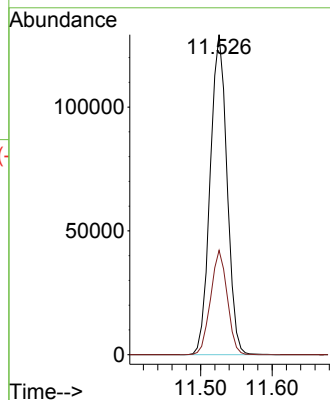
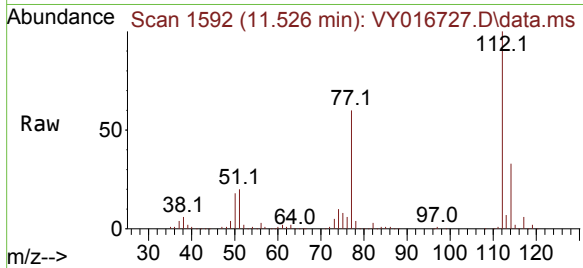




#65
Chlorobenzene
Concen: 44.888 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

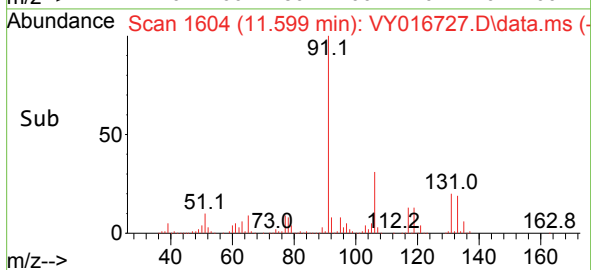
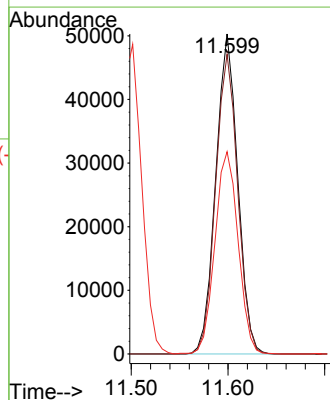
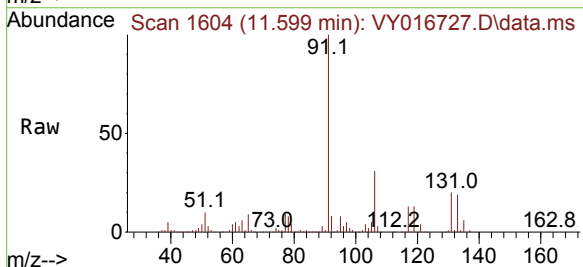
Instrument :
MSVOA_Y
ClientSampleId :

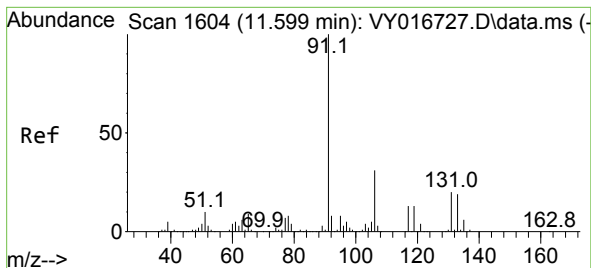
Tgt Ion:112 Resp: 211361
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 44.792 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion:131 Resp: 79355
Ion Ratio Lower Upper
131 100
133 94.0 47.0 141.0
119 66.6 33.3 99.9





#67

Ethyl Benzene

Concen: 45.192 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

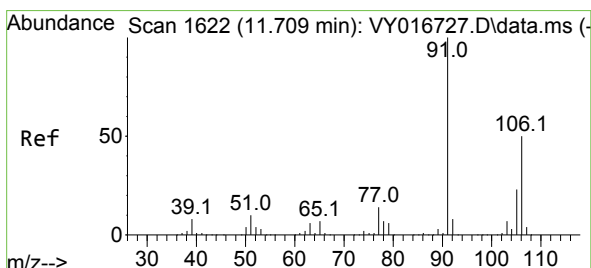
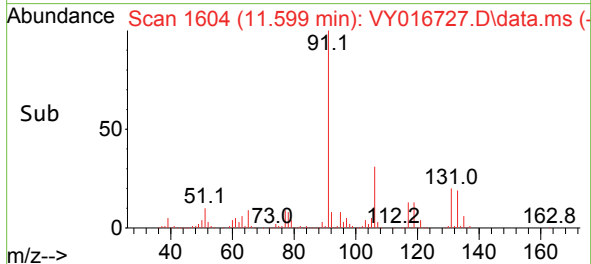
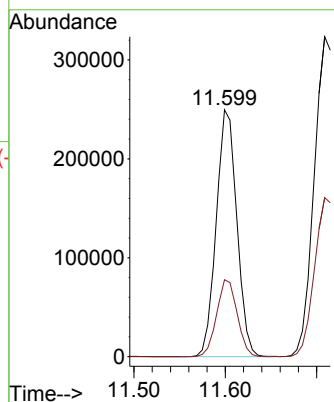
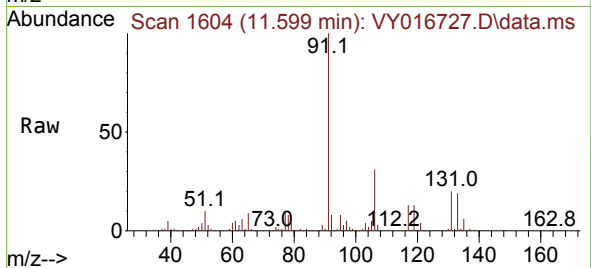
ClientSampleId :

Tgt Ion: 91 Resp: 391664

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 91.427 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016727.D

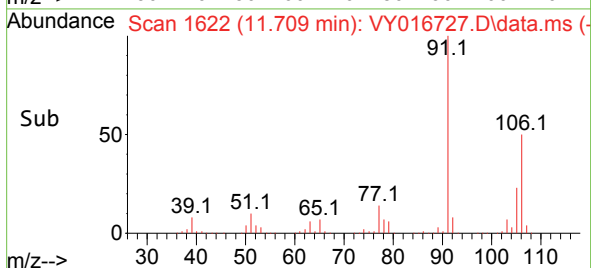
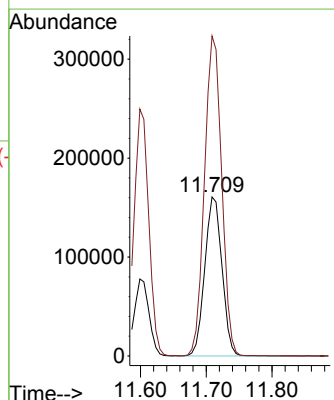
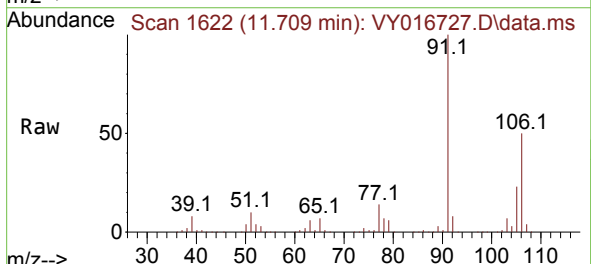
Acq: 20 Dec 2023 16:10

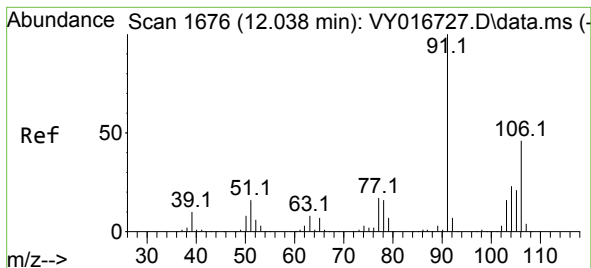
Tgt Ion:106 Resp: 292599

Ion Ratio Lower Upper

106 100

91 200.9 160.7 241.1





#69

o-Xylene

Concen: 46.275 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

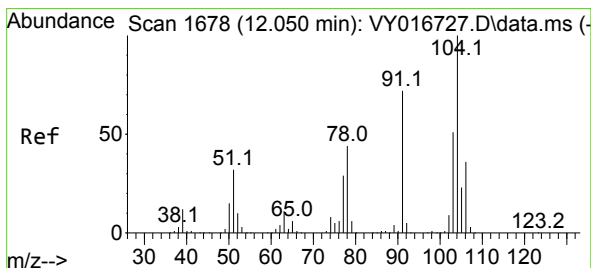
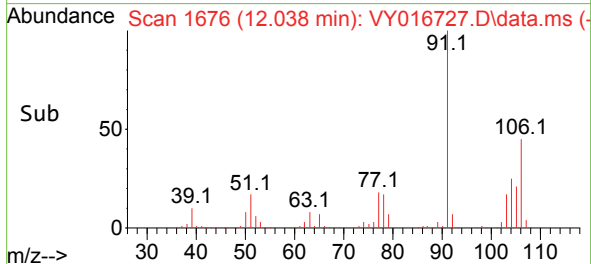
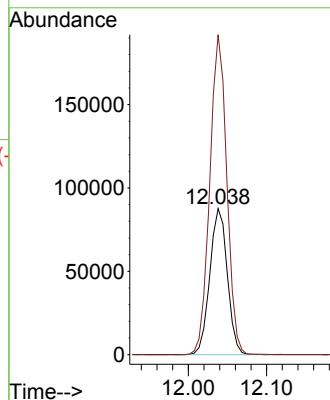
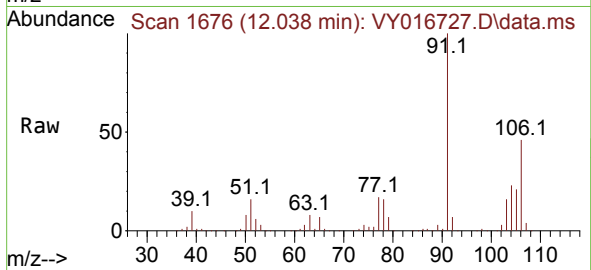
ClientSampleId :

Tgt Ion:106 Resp: 135867

Ion Ratio Lower Upper

106 100

91 213.0 106.5 319.5



#70

Styrene

Concen: 46.769 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

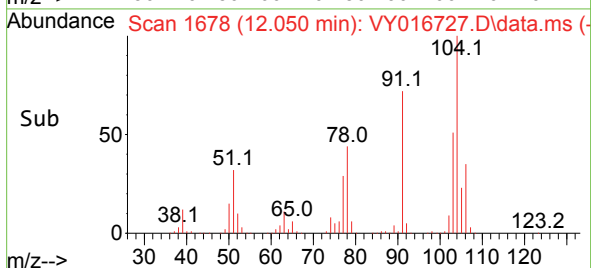
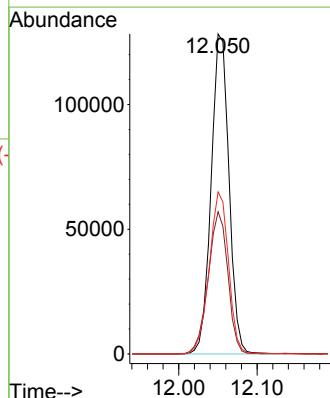
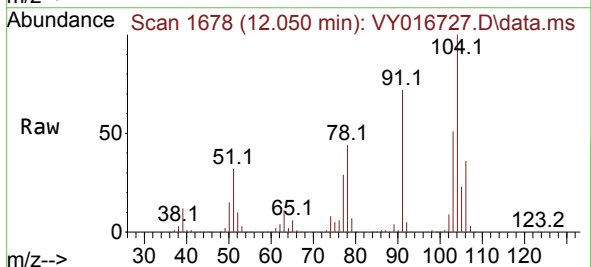
Tgt Ion:104 Resp: 203191

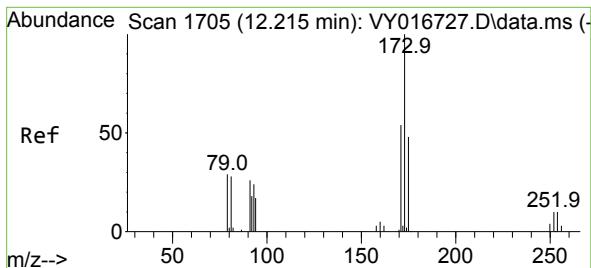
Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

103 54.7 43.8 65.6





#71

Bromoform

Concen: 45.970 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

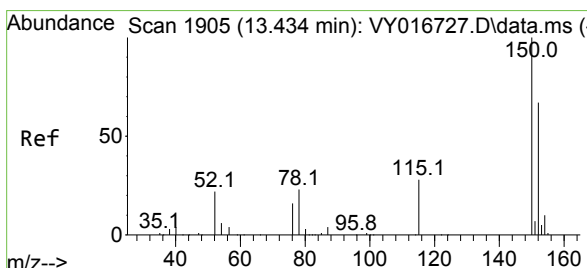
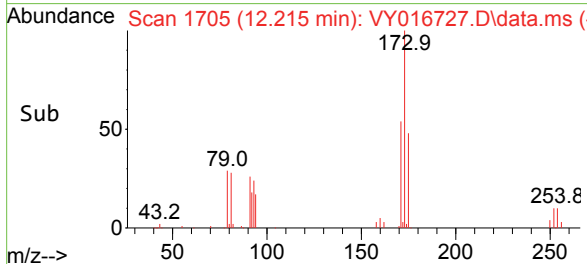
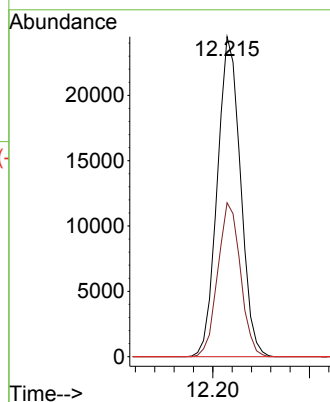
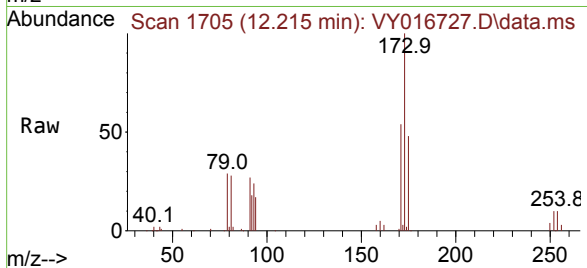
Tgt Ion:173 Resp: 40603

Ion Ratio Lower Upper

173 100

175 47.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

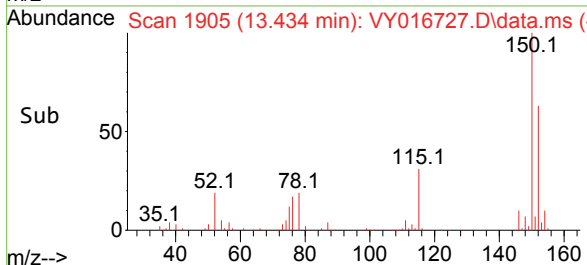
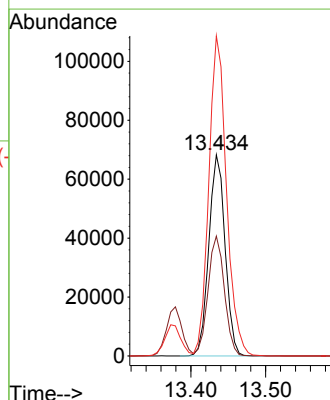
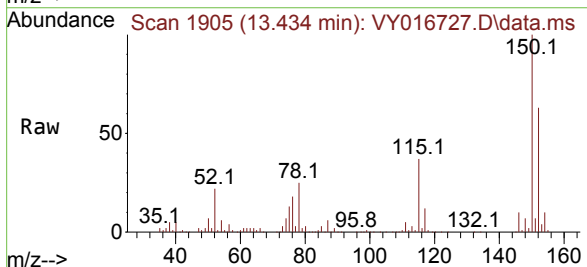
Tgt Ion:152 Resp: 103402

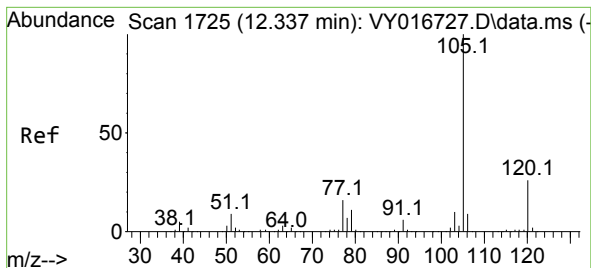
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 172.3 0.0 344.6





#73

Isopropylbenzene

Concen: 45.808 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

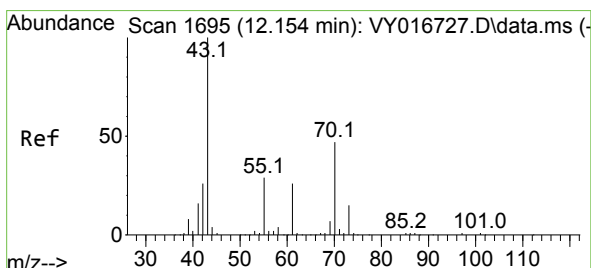
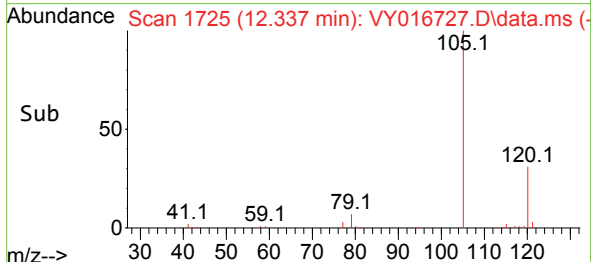
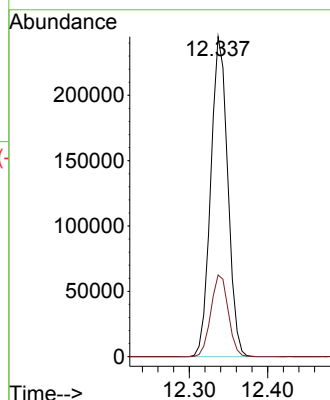
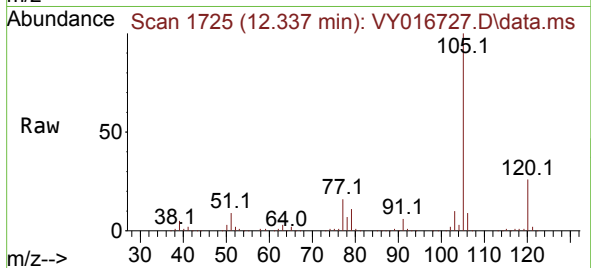
ClientSampleId :

Tgt Ion:105 Resp: 368892

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 46.341 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Tgt Ion: 43 Resp: 78543

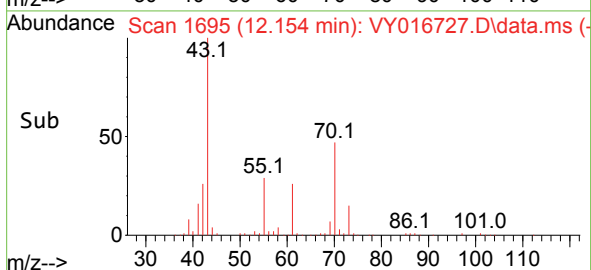
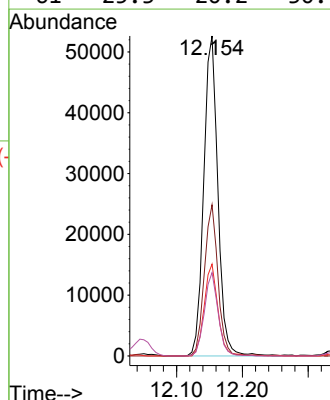
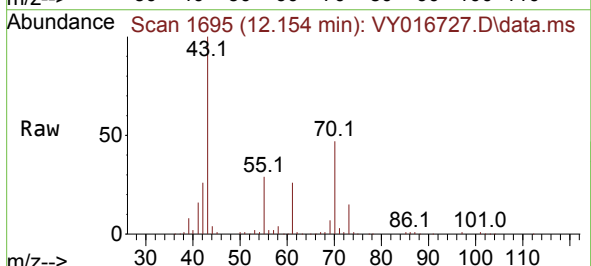
Ion Ratio Lower Upper

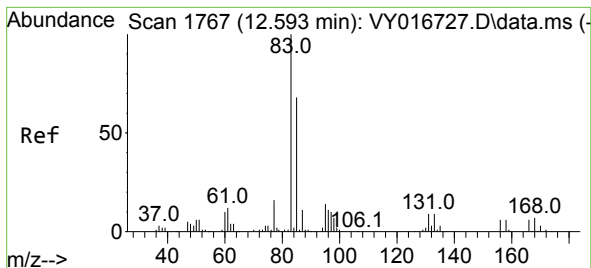
43 100

70 45.8 36.6 55.0

55 27.8 22.2 33.4

61 25.3 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.059 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

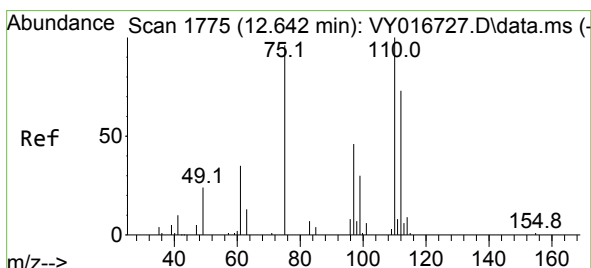
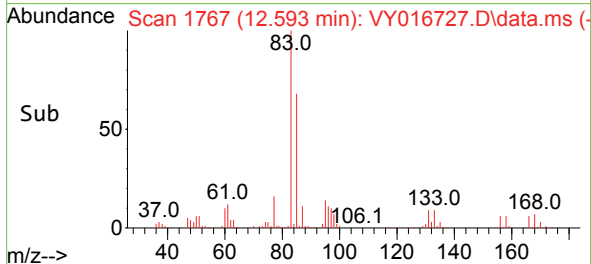
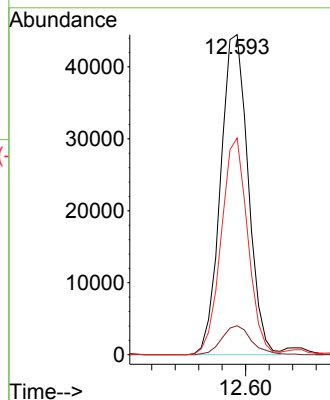
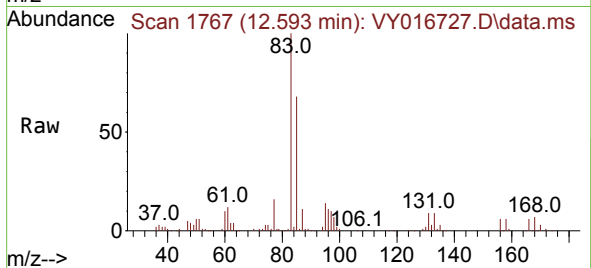
Tgt Ion: 83 Resp: 72512

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 65.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 76.552 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016727.D

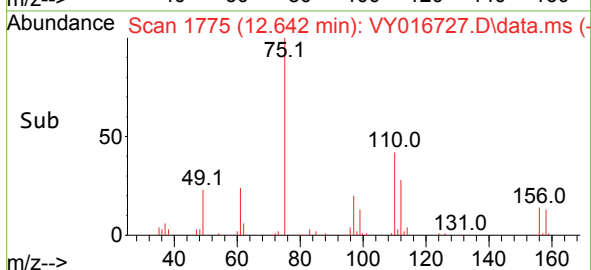
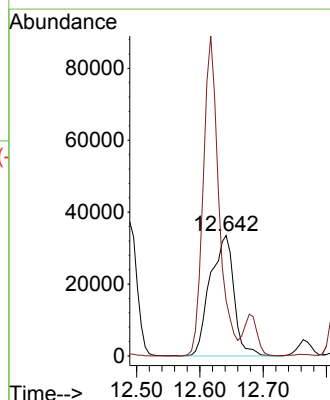
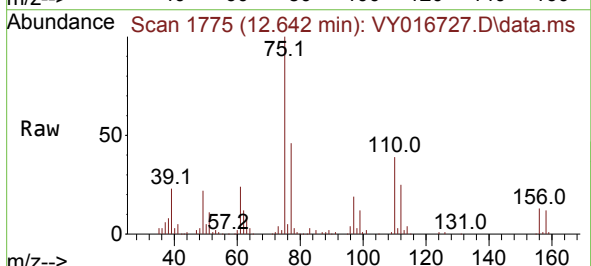
Acq: 20 Dec 2023 16:10

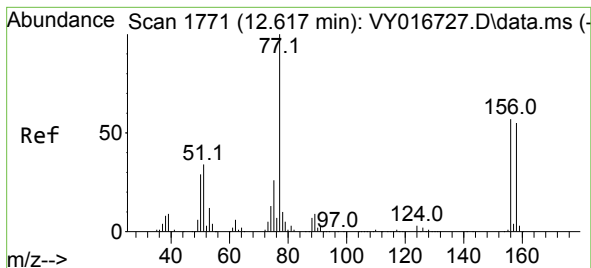
Tgt Ion: 75 Resp: 87639

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.156 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

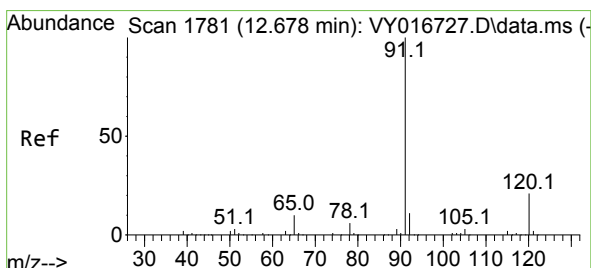
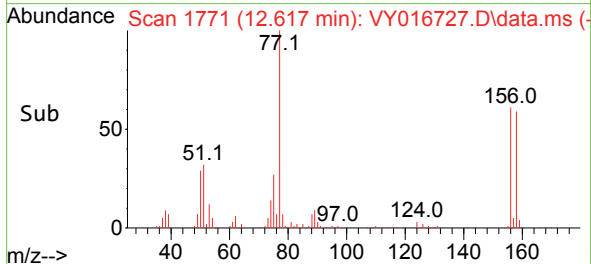
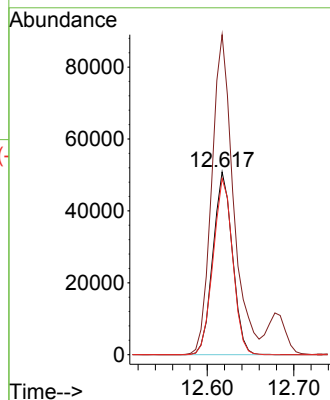
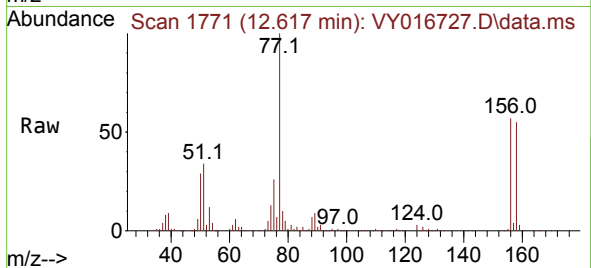
Tgt Ion:156 Resp: 79332

Ion Ratio Lower Upper

156 100

77 194.5 97.3 291.8

158 96.7 48.4 145.0



#78

n-propylbenzene

Concen: 46.039 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016727.D

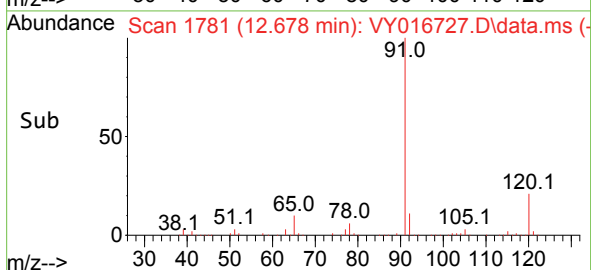
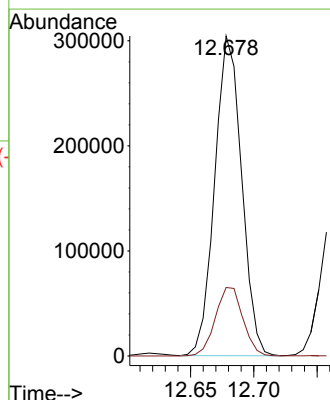
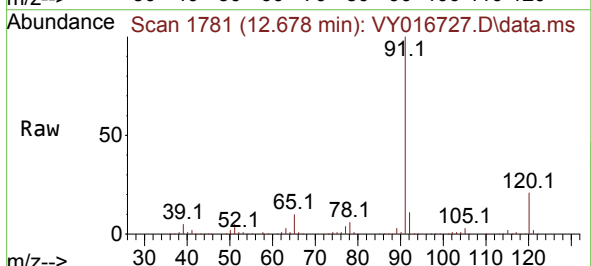
Acq: 20 Dec 2023 16:10

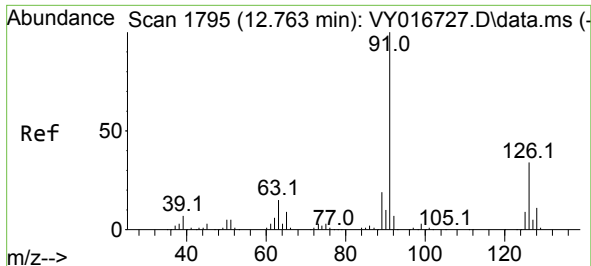
Tgt Ion: 91 Resp: 449202

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

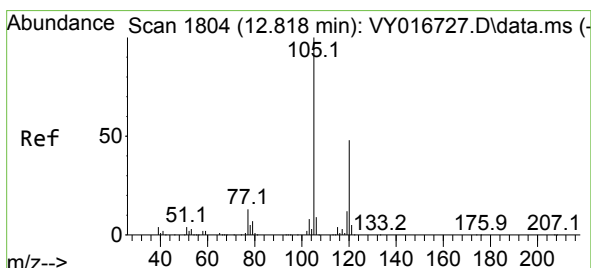
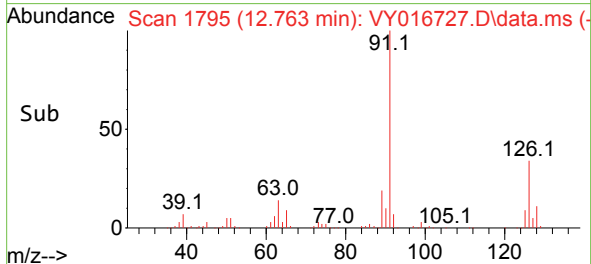
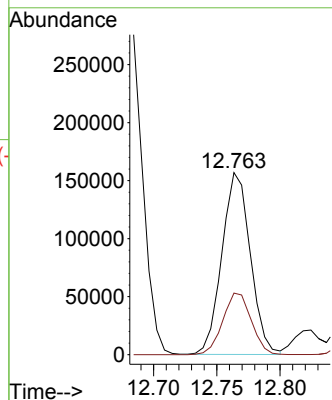
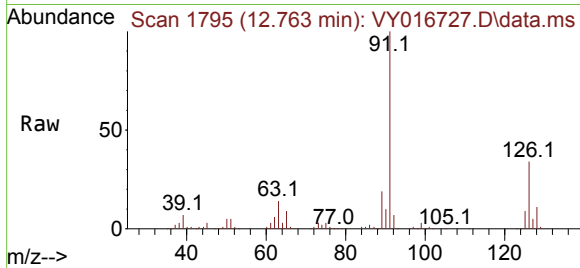




#79
2-Chlorotoluene
Concen: 45.538 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

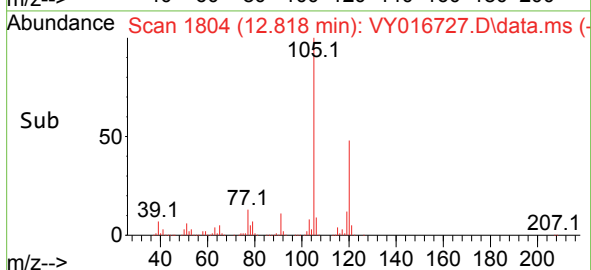
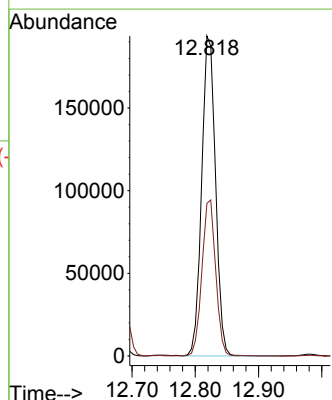
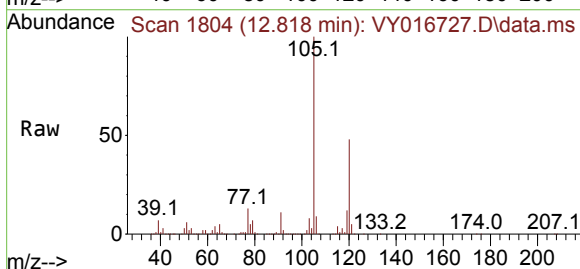
Instrument :
MSVOA_Y
ClientSampleId :

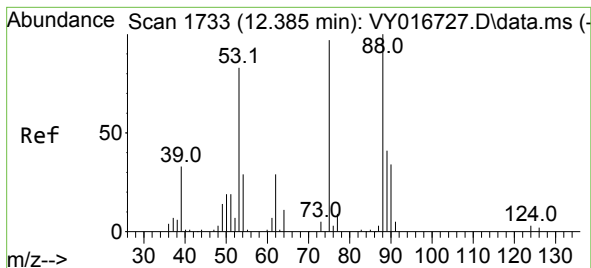
Tgt Ion: 91 Resp: 245861
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 46.330 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 105 Resp: 295339
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

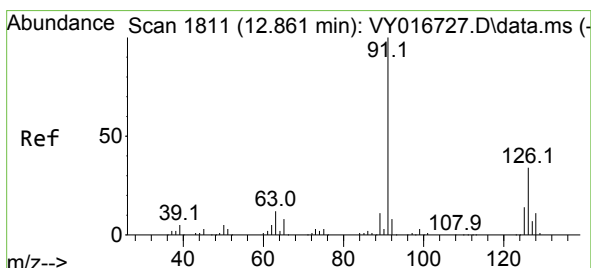
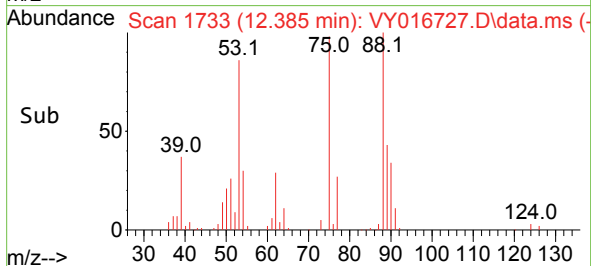
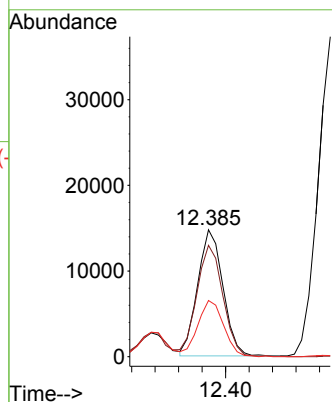
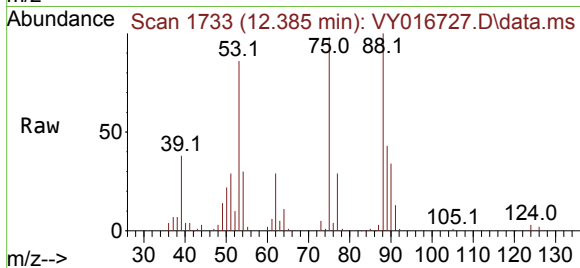




#81
trans-1,4-Dichloro-2-butene
Concen: 45.284 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

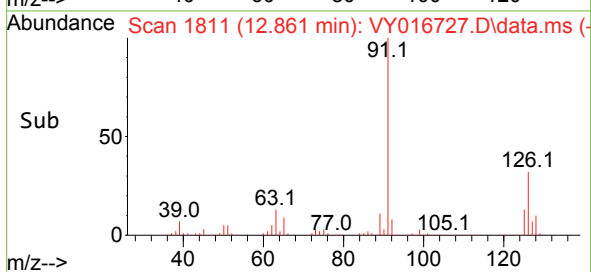
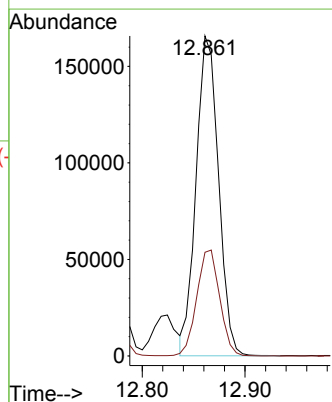
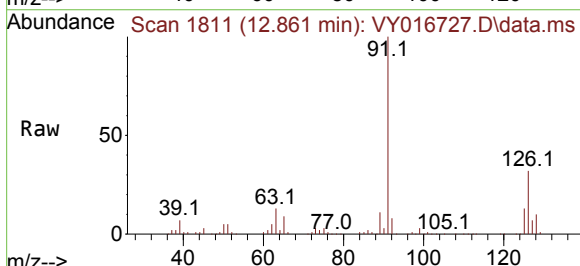
Instrument :
MSVOA_Y
ClientSampleId :

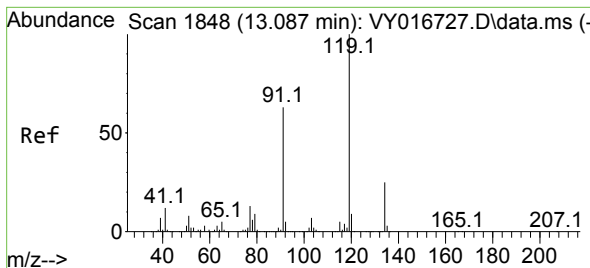
Tgt Ion: 75 Resp: 22041
Ion Ratio Lower Upper
75 100
53 92.5 74.0 111.0
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 45.395 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016727.D
Acq: 20 Dec 2023 16:10

Tgt Ion: 91 Resp: 251432
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 46.692 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

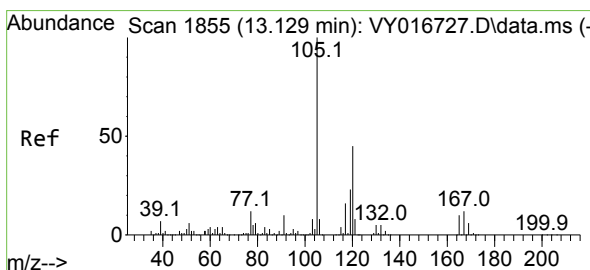
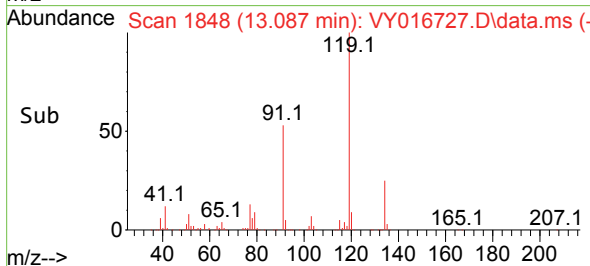
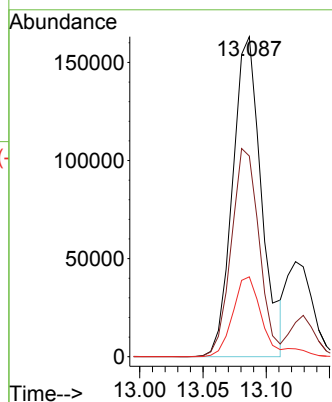
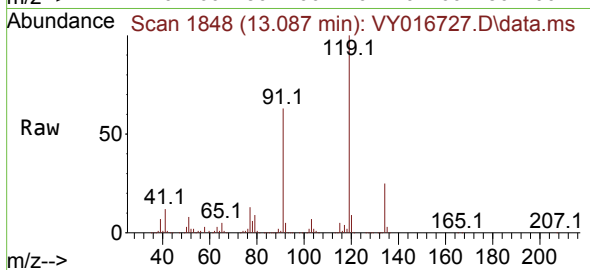
Tgt Ion:119 Resp: 258904

Ion Ratio Lower Upper

119 100

91 63.0 31.5 94.5

134 26.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 46.589 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016727.D

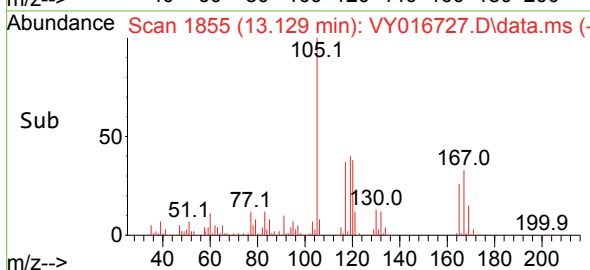
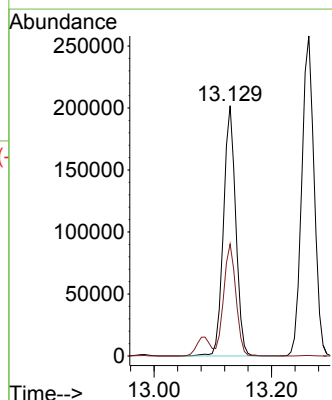
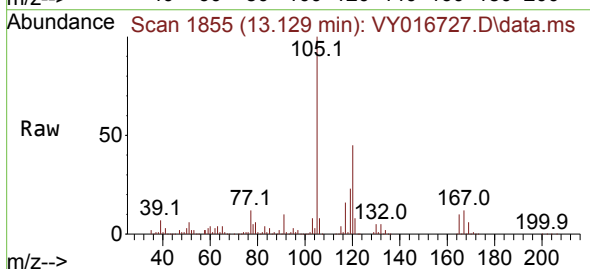
Acq: 20 Dec 2023 16:10

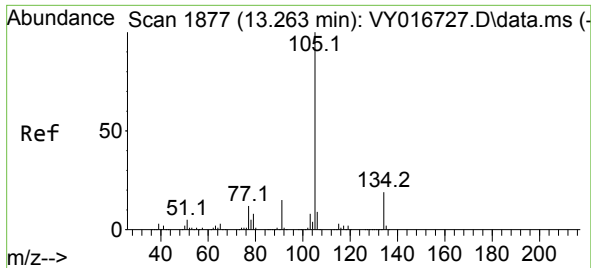
Tgt Ion:105 Resp: 292853

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.3

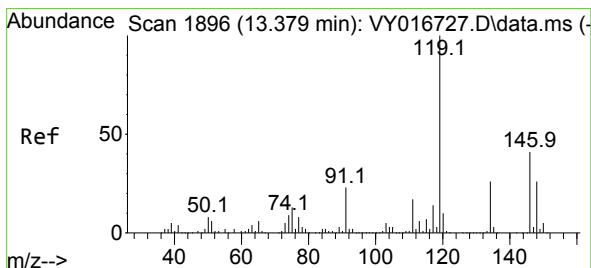
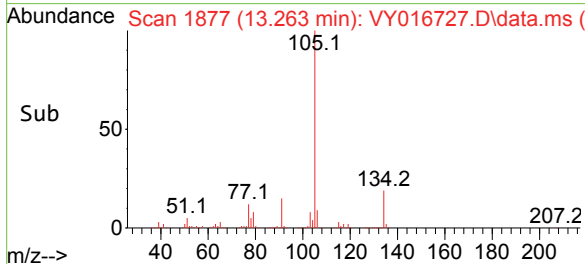
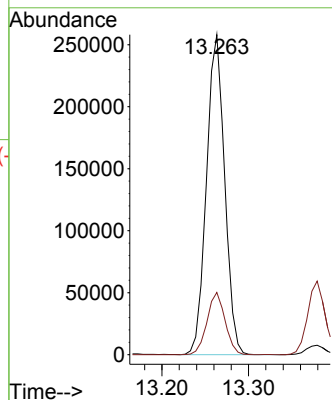
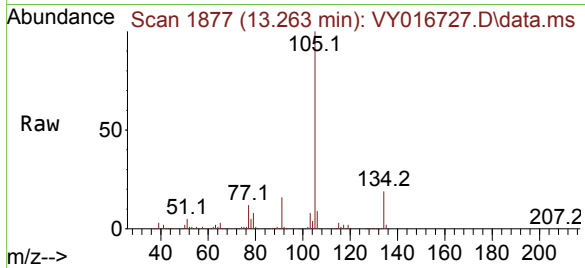




#85
 sec-Butylbenzene
 Concen: 45.803 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY016727.D
 Acq: 20 Dec 2023 16:10

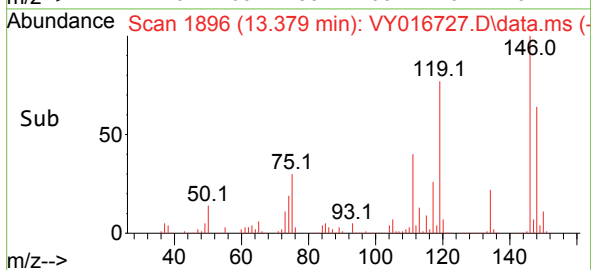
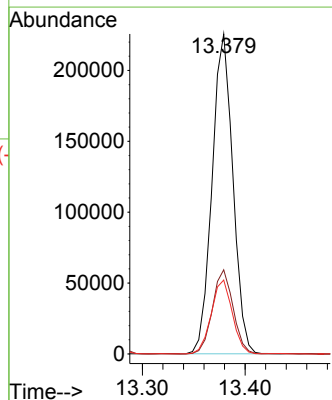
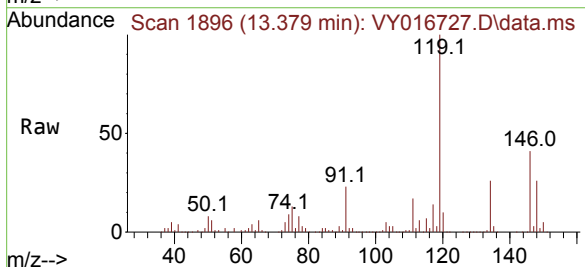
Instrument :
 MSVOA_Y
 ClientSampleId :

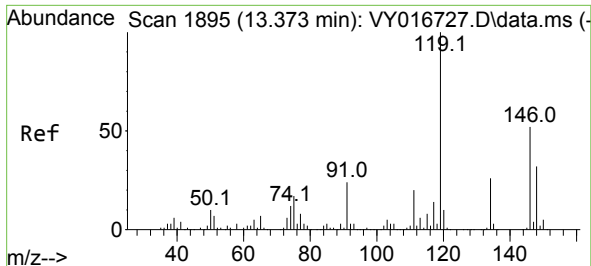
Tgt Ion:105 Resp: 376177
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 46.275 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY016727.D
 Acq: 20 Dec 2023 16:10

Tgt Ion:119 Resp: 316505
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.3 11.7 35.0

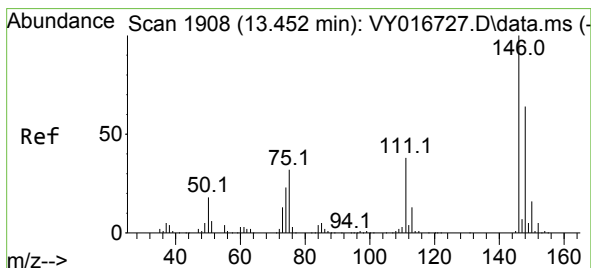
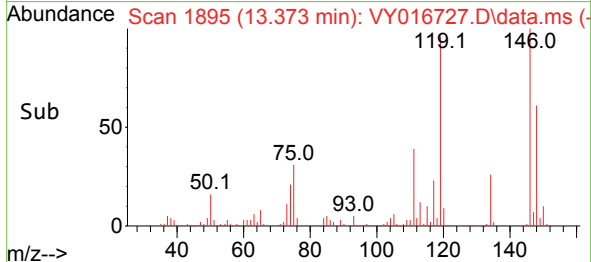
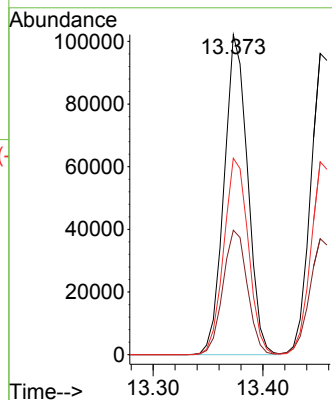
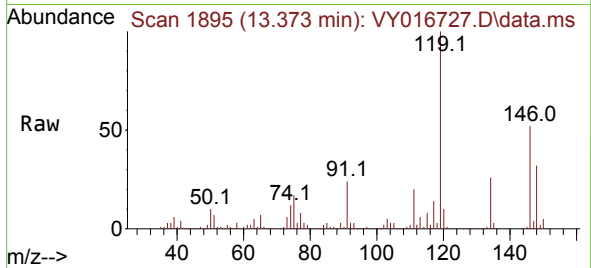




#87
 1,3-Dichlorobenzene
 Concen: 44.385 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY016727.D
 Acq: 20 Dec 2023 16:10

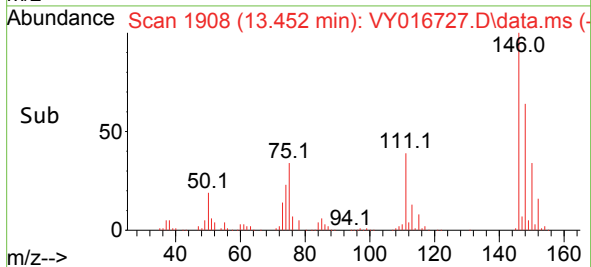
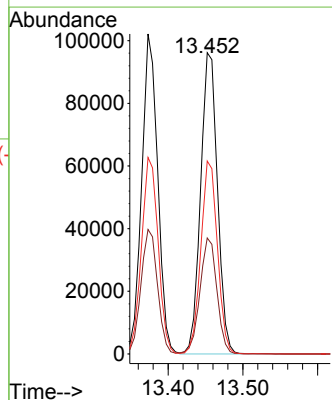
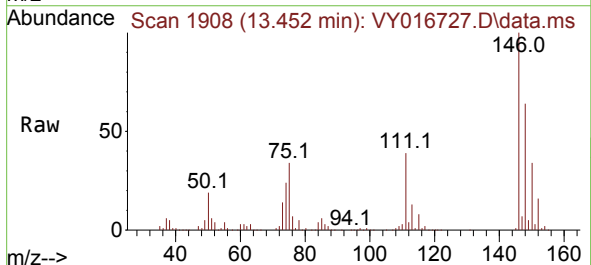
Instrument :
 MSVOA_Y
 ClientSampleId :

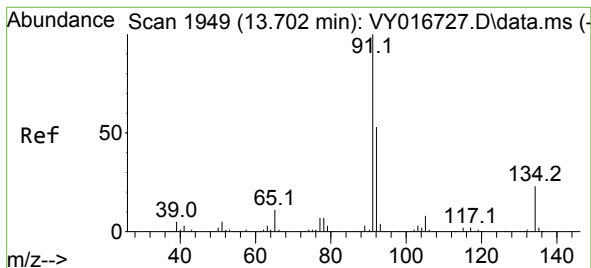
Tgt Ion:146 Resp: 152389
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 44.952 ug/l
 RT: 13.452 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY016727.D
 Acq: 20 Dec 2023 16:10

Tgt Ion:146 Resp: 150702
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 46.869 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

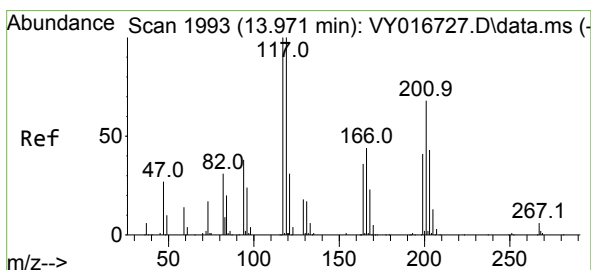
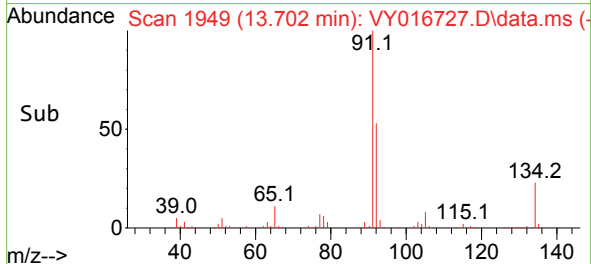
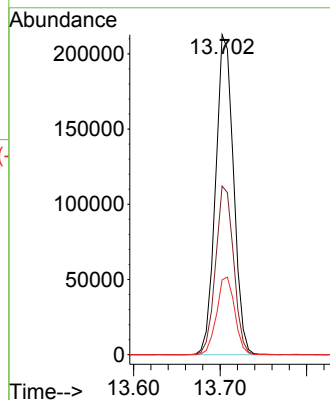
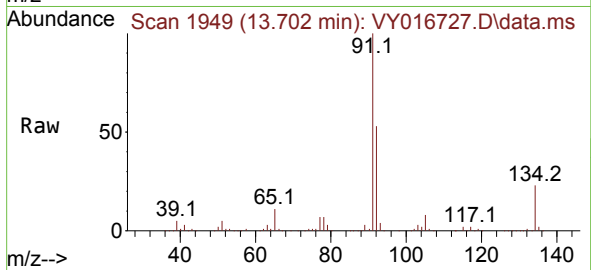
Tgt Ion: 91 Resp: 306441

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 43.862 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016727.D

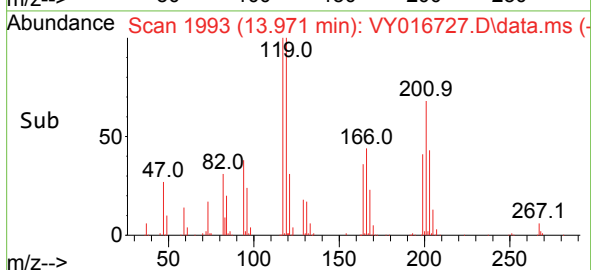
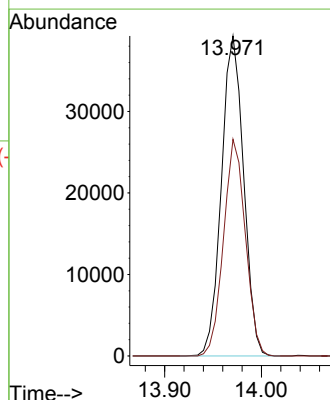
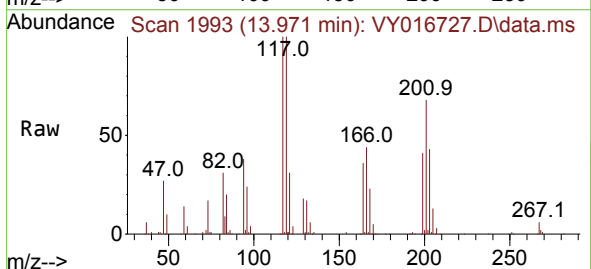
Acq: 20 Dec 2023 16:10

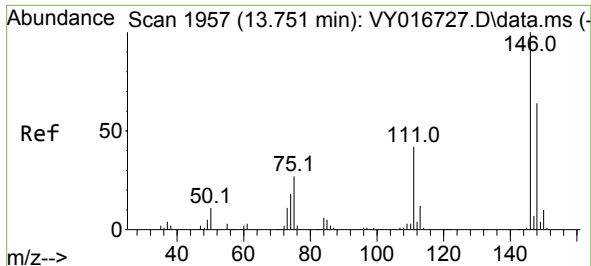
Tgt Ion: 117 Resp: 62470

Ion Ratio Lower Upper

117 100

201 66.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 45.526 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

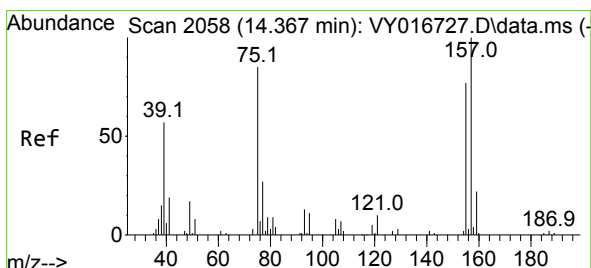
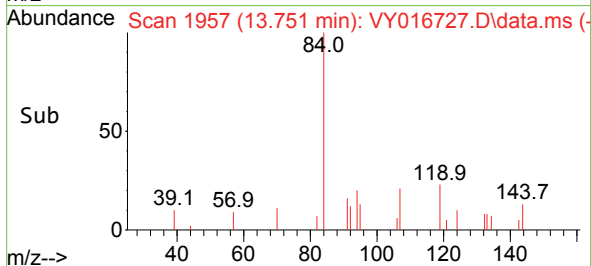
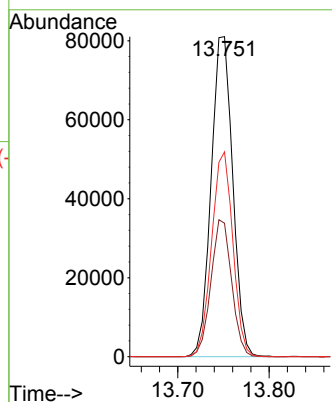
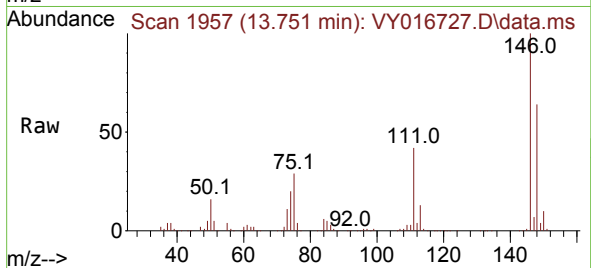
Tgt Ion:146 Resp: 133161

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 62.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.018 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

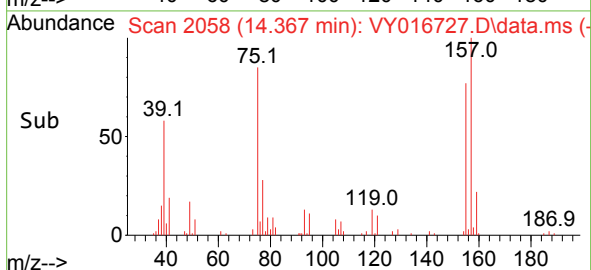
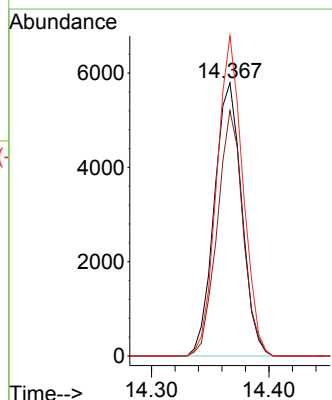
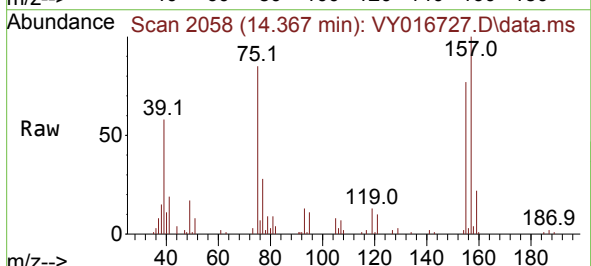
Tgt Ion: 75 Resp: 9391

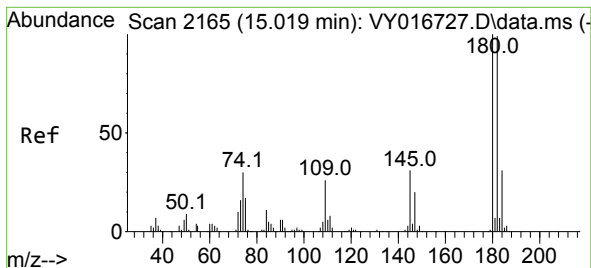
Ion Ratio Lower Upper

75 100

155 84.2 42.1 126.3

157 111.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 46.571 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

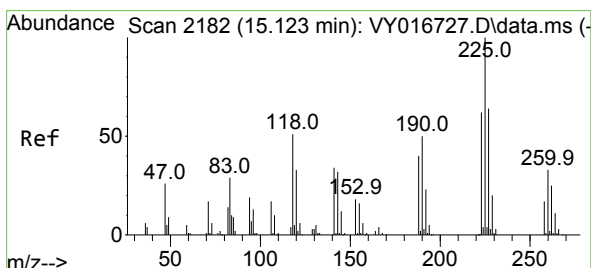
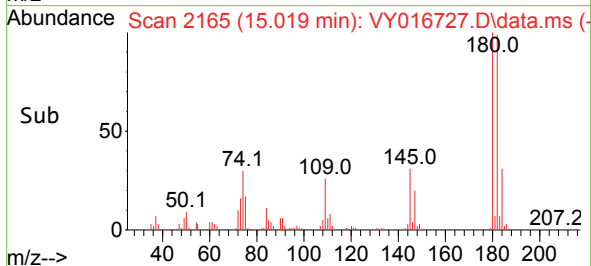
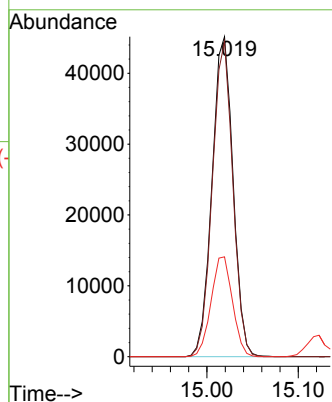
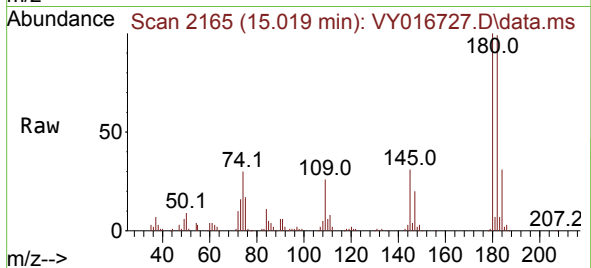
Tgt Ion:180 Resp: 72278

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 31.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 45.870 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

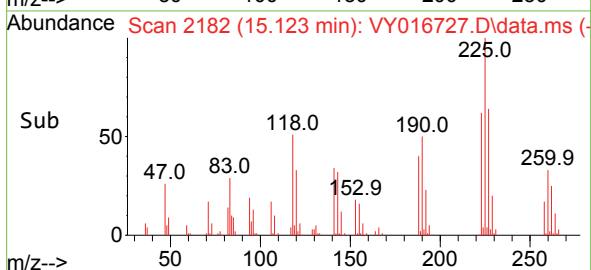
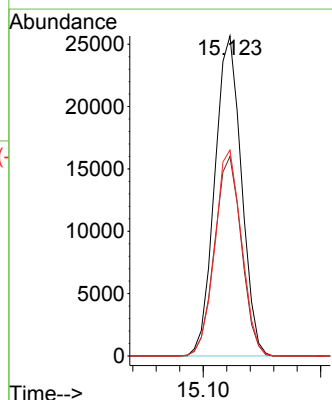
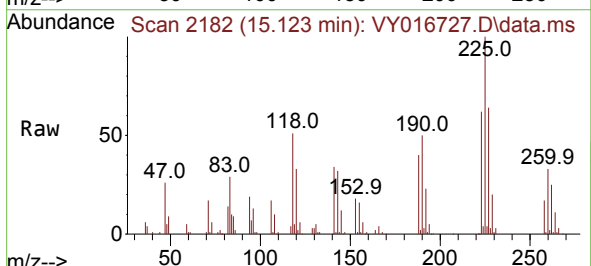
Tgt Ion:225 Resp: 40435

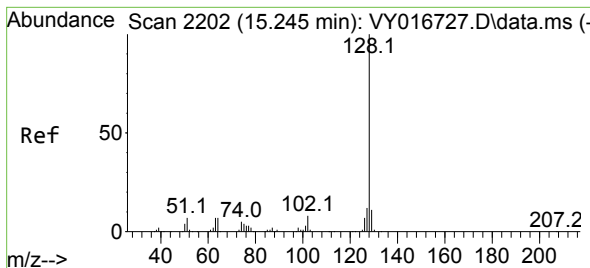
Ion Ratio Lower Upper

225 100

223 62.9 31.4 94.3

227 64.5 32.3 96.8





#95

Naphthalene

Concen: 43.052 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Instrument :

MSVOA_Y

ClientSampleId :

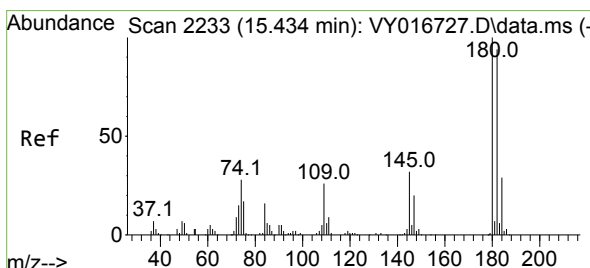
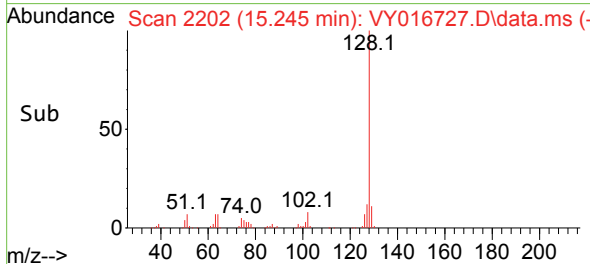
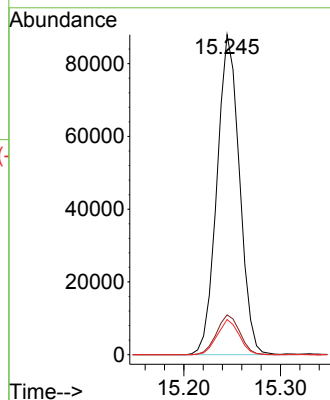
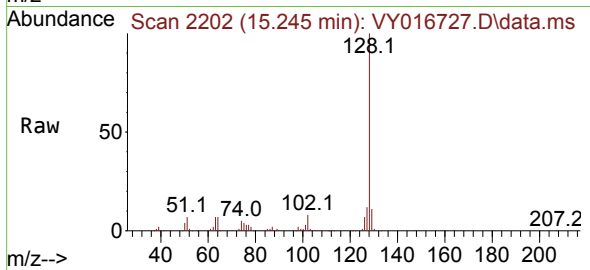
Tgt Ion:128 Resp: 142040

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.681 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016727.D

Acq: 20 Dec 2023 16:10

Tgt Ion:180 Resp: 63025

Ion Ratio Lower Upper

180 100

182 92.5 46.3 138.8

145 32.1 16.1 48.2

