

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016725.D
 Acq On : 20 Dec 2023 15:24
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 00:50:48 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	175771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	298690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	254897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	110310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15209	9.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.960%#
35) Dibromofluoromethane	7.734	113	16026	9.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	18.740%#
50) Toluene-d8	10.191	98	54959	8.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	17.820%#
62) 4-Bromofluorobenzene	12.489	95	18025	9.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	18.020%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	16397	10.916	ug/l	93
3) Chloromethane	2.113	50	24791	10.737	ug/l	98
4) Vinyl Chloride	2.259	62	27274	10.458	ug/l	100
5) Bromomethane	2.662	94	19174	10.322	ug/l	95
6) Chloroethane	2.802	64	17582	9.949	ug/l	100
7) Trichlorofluoromethane	3.131	101	30271	9.964	ug/l	97
8) Diethyl Ether	3.540	74	9574	9.851	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	19130	10.265	ug/l	96
10) Methyl Iodide	4.107	142	18615	9.585	ug/l	99
11) Tert butyl alcohol	4.991	59	6642	50.542	ug/l #	86
12) 1,1-Dichloroethene	3.887	96	16360	9.859	ug/l	86
13) Acrolein	3.747	56	5666	50.785	ug/l	94
14) Allyl chloride	4.497	41	24378	9.592	ug/l	99
15) Acrylonitrile	5.180	53	19331	46.968	ug/l	98
16) Acetone	3.966	43	23226	53.528	ug/l	100
17) Carbon Disulfide	4.210	76	43425	9.618	ug/l	99
18) Methyl Acetate	4.503	43	14815	8.737	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	39560	9.265	ug/l	96
20) Methylene Chloride	4.735	84	28610	10.286	ug/l	95
21) trans-1,2-Dichloroethene	5.235	96	18127	9.578	ug/l	98
22) Diisopropyl ether	6.131	45	54783	9.527	ug/l	96
23) Vinyl Acetate	6.076	43	130066	47.827	ug/l	99
24) 1,1-Dichloroethane	6.027	63	34052	9.858	ug/l	99
25) 2-Butanone	7.003	43	30494	51.044	ug/l	98
26) 2,2-Dichloropropane	6.996	77	29720	9.860	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	20749	9.526	ug/l	96
28) Bromochloromethane	7.344	49	14345	10.493	ug/l	100
29) Tetrahydrofuran	7.362	42	15157	46.400	ug/l	96
30) Chloroform	7.515	83	34471	9.749	ug/l	99
31) Cyclohexane	7.795	56	31565	10.267	ug/l #	87
32) 1,1,1-Trichloroethane	7.716	97	30238	9.742	ug/l	98
36) 1,1-Dichloropropene	7.929	75	26345	9.605	ug/l	99
37) Ethyl Acetate	7.088	43	11767	9.802	ug/l	99
38) Carbon Tetrachloride	7.911	117	26549	9.781	ug/l	97
39) Methylcyclohexane	9.191	83	28859	9.113	ug/l	95
40) Benzene	8.173	78	77324	9.687	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	5253	8.415	ug/l #	87
42) 1,2-Dichloroethane	8.246	62	20152	9.677	ug/l	97
43) Isopropyl Acetate	8.283	43	21412	9.377	ug/l	99
44) Trichloroethene	8.947	130	20146	9.889	ug/l	94
45) 1,2-Dichloropropane	9.228	63	19783	9.880	ug/l	97
46) Dibromomethane	9.313	93	10013	9.680	ug/l	98
47) Bromodichloromethane	9.502	83	26607	9.759	ug/l	93
48) Methyl methacrylate	9.301	41	11278	8.806	ug/l	96
49) 1,4-Dioxane	9.325	88	1895	188.752	ug/l #	75
51) 4-Methyl-2-Pentanone	10.081	43	55942	45.980	ug/l	99
52) Toluene	10.252	92	45339	9.478	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	23248	9.352	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	28502	9.505	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	14445	9.788	ug/l	97
56) Ethyl methacrylate	10.520	69	10990	8.469	ug/l	94
57) 1,3-Dichloropropane	10.801	76	24606	9.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	30689	51.768	ug/l	99
59) 2-Hexanone	10.843	43	44365	48.903	ug/l	98
60) Dibromochloromethane	10.990	129	16561	9.700	ug/l	98
61) 1,2-Dibromoethane	11.099	107	12573	9.500	ug/l	96
64) Tetrachloroethene	10.727	164	15254	9.634	ug/l	98
65) Chlorobenzene	11.526	112	48141	9.613	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	17968	9.536	ug/l	98
67) Ethyl Benzene	11.599	91	86032	9.333	ug/l	97
68) m/p-Xylenes	11.709	106	63512	18.659	ug/l	99
69) o-Xylene	12.038	106	28417	9.100	ug/l	99
70) Styrene	12.050	104	42081	9.107	ug/l	99
71) Bromoform	12.215	173	9102	9.689	ug/l #	99
73) Isopropylbenzene	12.337	105	78085	9.089	ug/l	99
74) N-amyl acetate	12.154	43	15649	8.655	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	16637	9.691	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	19278	15.785	ug/l #	100
77) Bromobenzene	12.617	156	17739	9.465	ug/l	99
78) n-propylbenzene	12.684	91	96222	9.244	ug/l	99
79) 2-Chlorotoluene	12.764	91	54004	9.376	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	62424	9.179	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	4863	9.365	ug/l	96
82) 4-Chlorotoluene	12.867	91	56168	9.506	ug/l	99
83) tert-Butylbenzene	13.087	119	55747	9.424	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	61779	9.213	ug/l	97
85) sec-Butylbenzene	13.264	105	82738	9.443	ug/l	100
86) p-Isopropyltoluene	13.379	119	66896	9.168	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	34994	9.554	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	34915	9.762	ug/l	98
89) n-Butylbenzene	13.709	91	64090	9.188	ug/l	99
90) Hexachloroethane	13.971	117	14938	9.832	ug/l	94
91) 1,2-Dichlorobenzene	13.751	146	29915	9.587	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2071	9.306	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	14720	8.891	ug/l	98
94) Hexachlorobutadiene	15.123	225	9009	9.580	ug/l	97
95) Naphthalene	15.245	128	25520	10.239	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	12677	8.990	ug/l	96

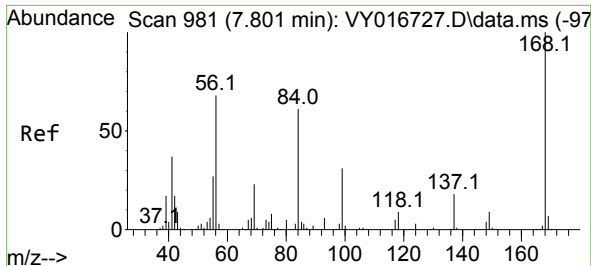
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
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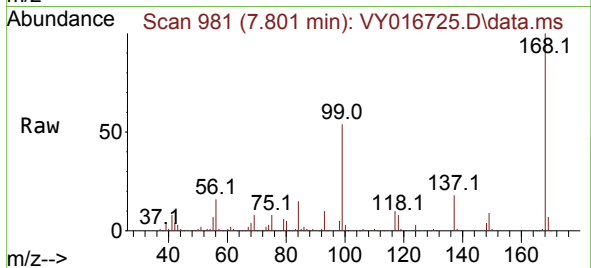
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

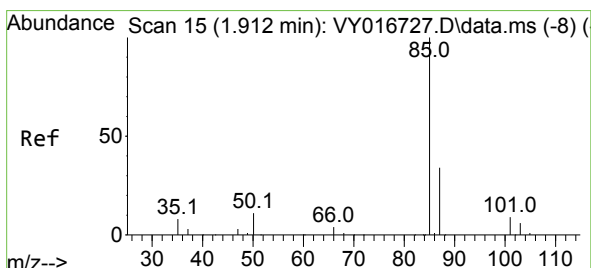
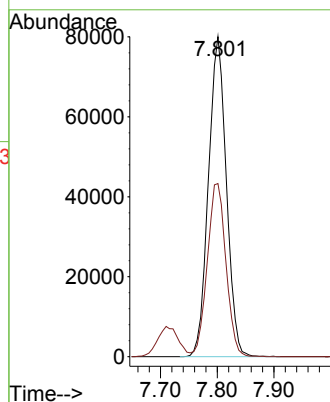
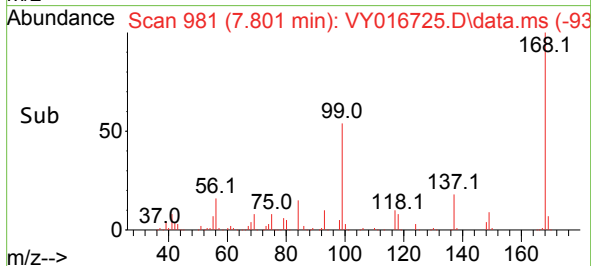


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

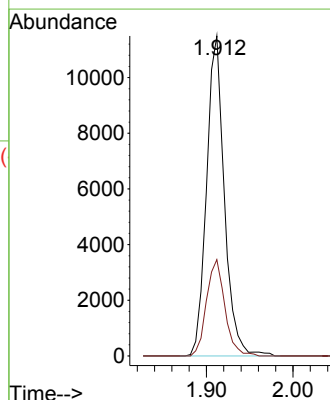
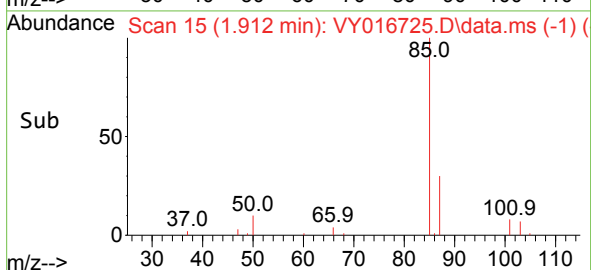
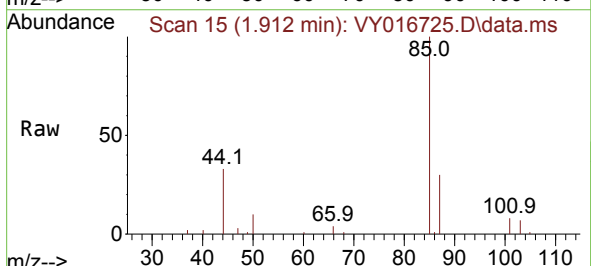


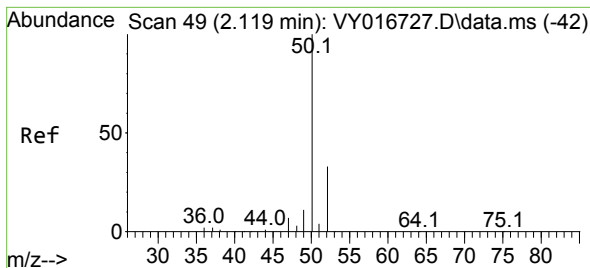
Tgt Ion:168 Resp: 175771
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 10.916 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 85 Resp: 16397
Ion Ratio Lower Upper
85 100
87 30.1 17.1 51.3





#3

Chloromethane

Concen: 10.737 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

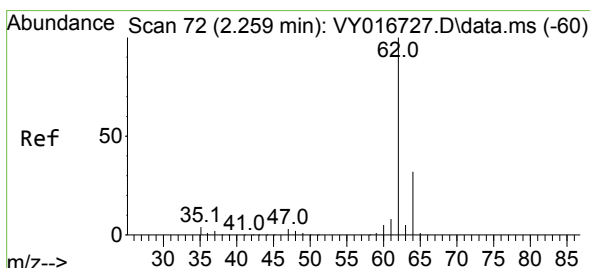
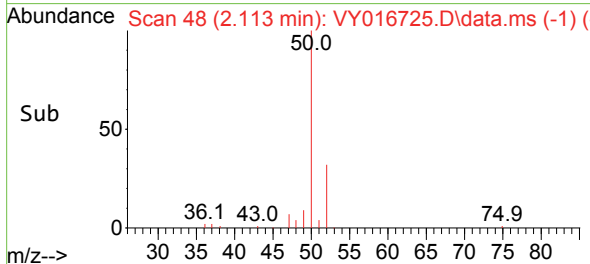
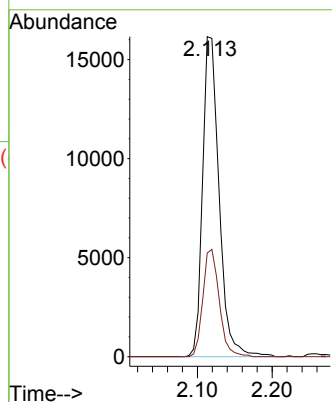
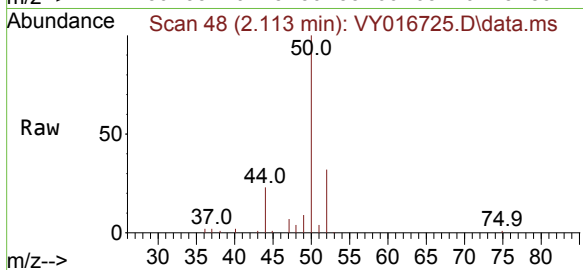
ClientSampleId :

Tgt Ion: 50 Resp: 24791

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



#4

Vinyl Chloride

Concen: 10.458 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016725.D

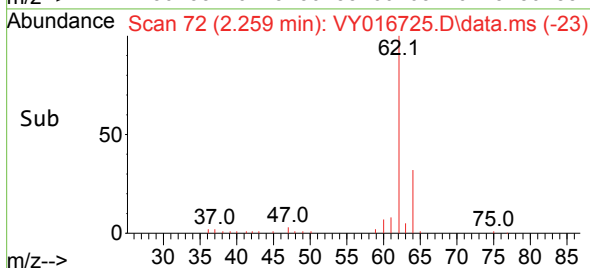
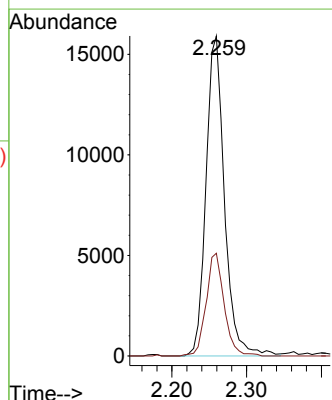
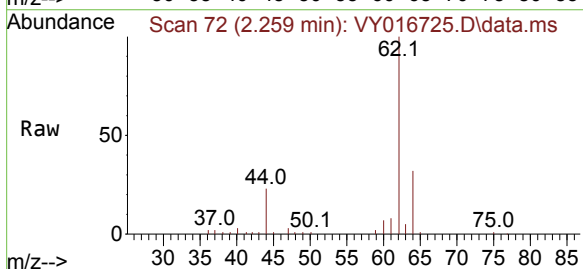
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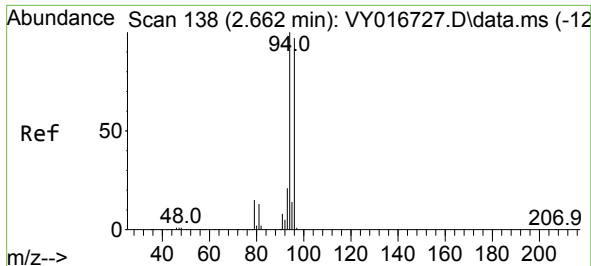
Tgt Ion: 62 Resp: 27274

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5

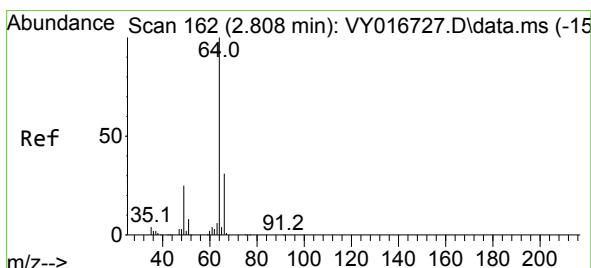
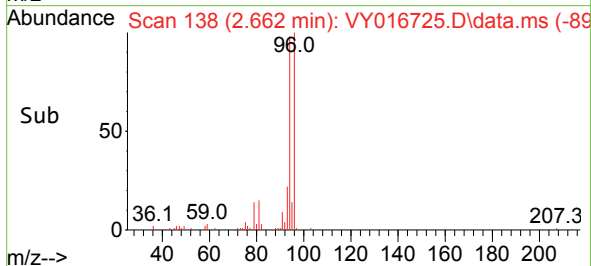
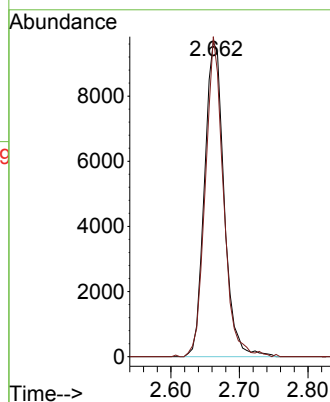
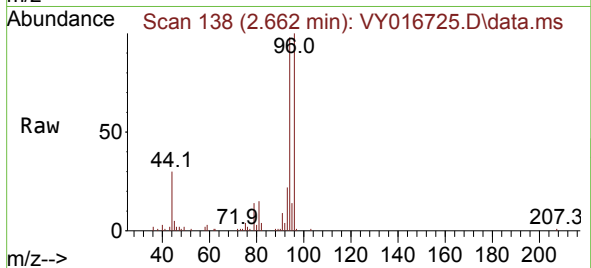




#5
Bromomethane
Concen: 10.322 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

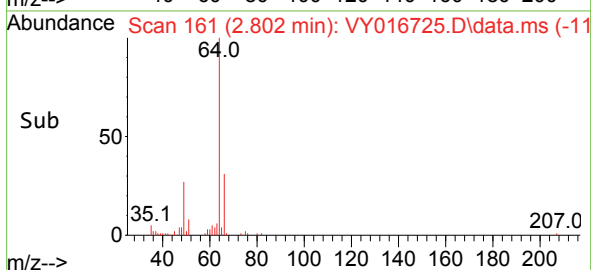
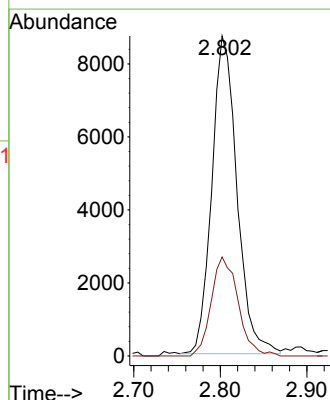
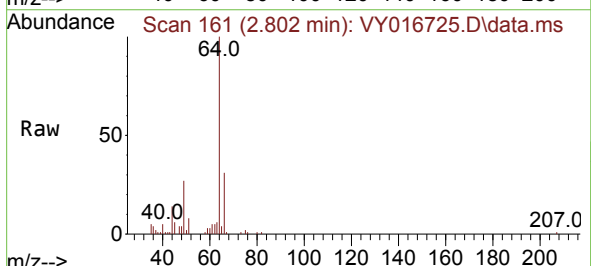
Instrument :
MSVOA_Y
ClientSampleId :

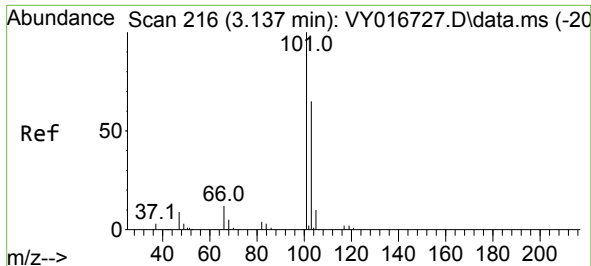
Tgt Ion: 94 Resp: 19174
Ion Ratio Lower Upper
94 100
96 101.6 77.3 115.9



#6
Chloroethane
Concen: 9.949 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 64 Resp: 17582
Ion Ratio Lower Upper
64 100
66 31.2 25.1 37.7

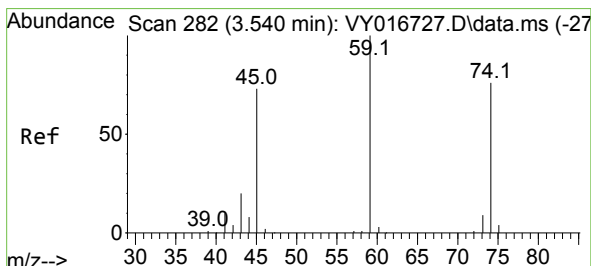
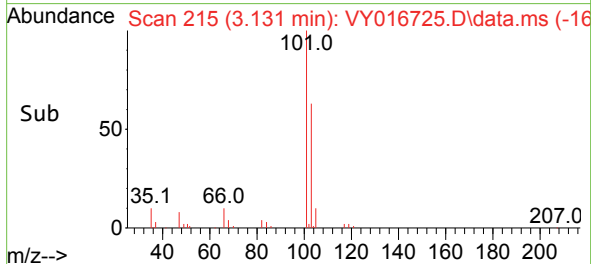
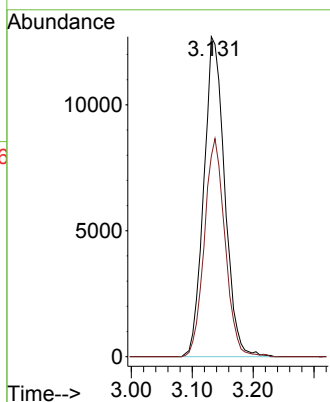
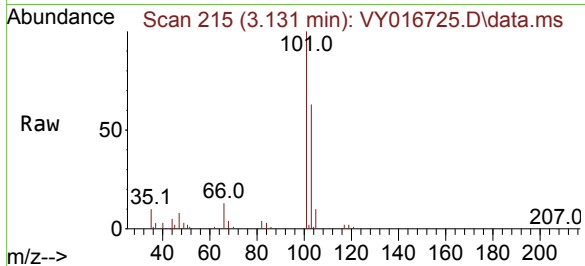




#7
Trichlorofluoromethane
Concen: 9.964 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

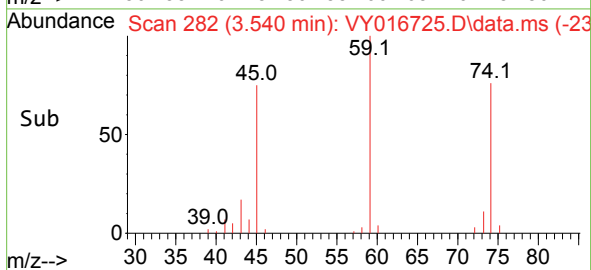
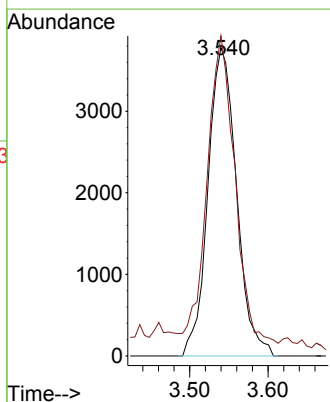
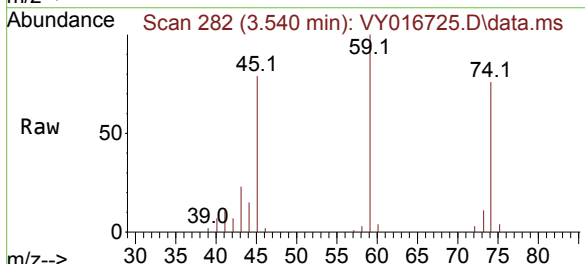
Instrument :
MSVOA_Y
ClientSampleId :

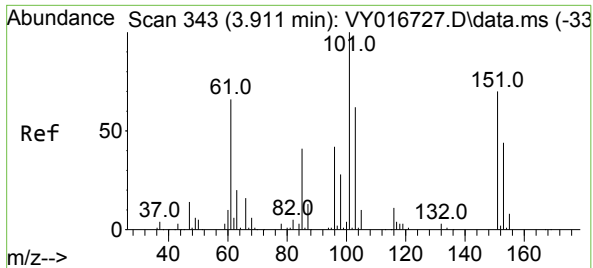
Tgt Ion:101 Resp: 30271
Ion Ratio Lower Upper
101 100
103 62.6 51.9 77.9



#8
Diethyl Ether
Concen: 9.851 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 74 Resp: 9574
Ion Ratio Lower Upper
74 100
45 96.4 47.9 143.7

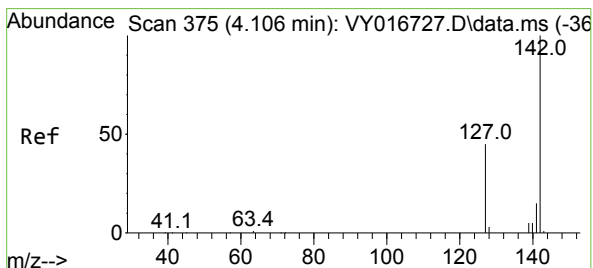
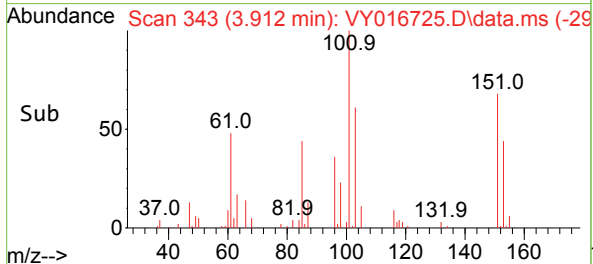
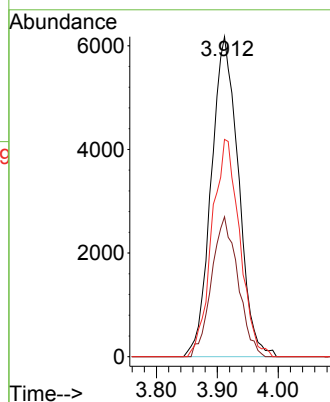
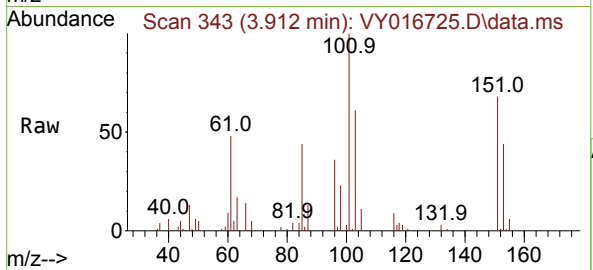




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.265 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

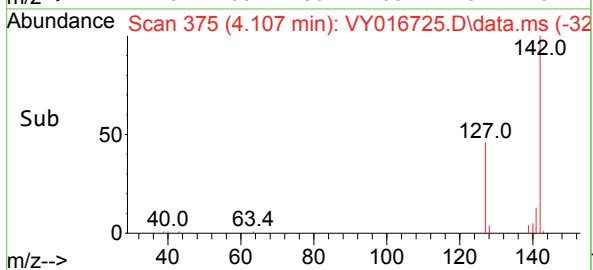
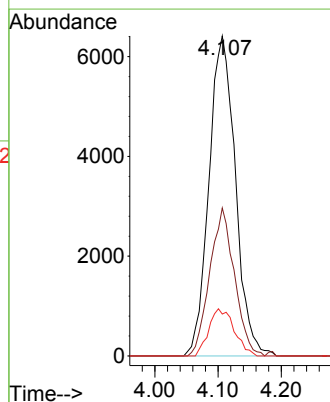
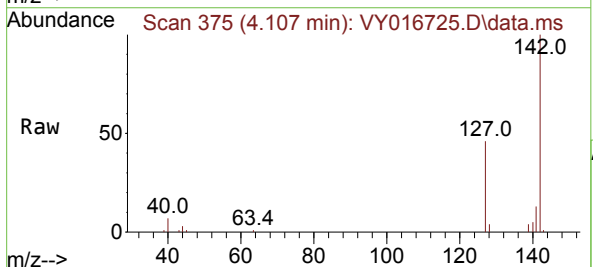
Instrument :
MSVOA_Y
ClientSampleId :

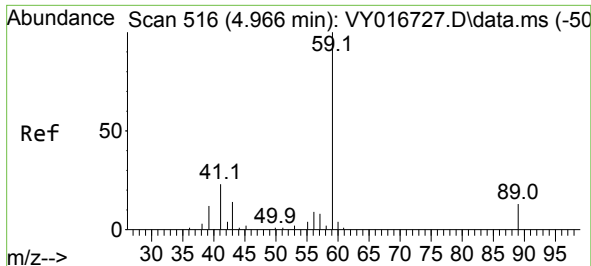
Tgt Ion:101	Resp:	19130
Ion	Ratio	Lower Upper
101	100	
85	42.5	35.8 53.6
151	69.3	58.6 88.0



#10
Methyl Iodide
Concen: 9.585 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

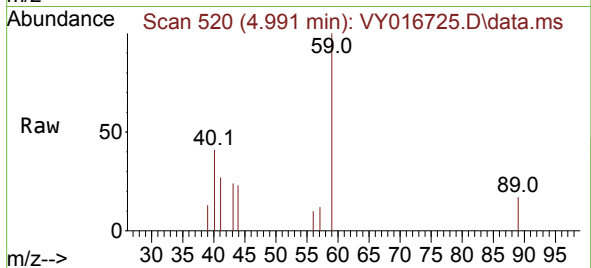
Tgt Ion:142	Resp:	18615
Ion	Ratio	Lower Upper
142	100	
127	43.2	35.1 52.7
141	14.2	11.8 17.6



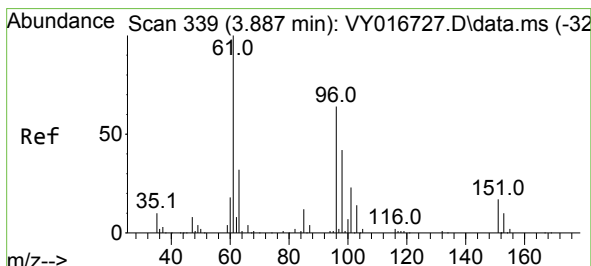
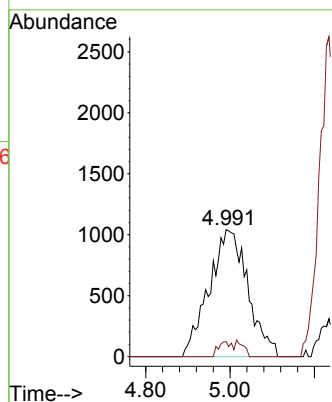
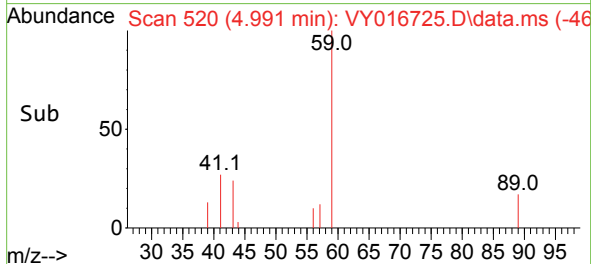


#11
Tert butyl alcohol
Concen: 50.542 ug/l
RT: 4.991 min Scan# 516
Delta R.T. 0.025 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

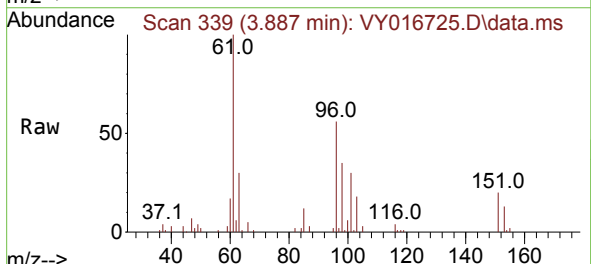
Instrument :
MSVOA_Y
ClientSampleId :



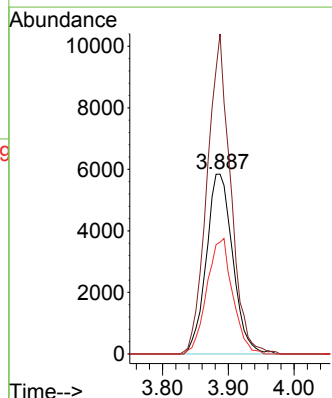
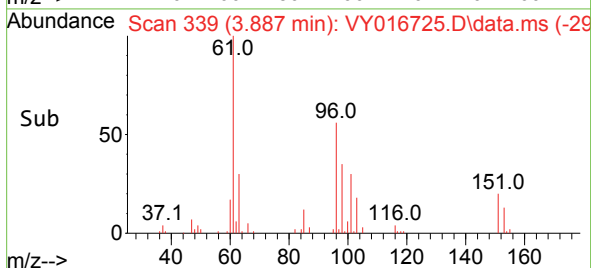
Tgt Ion: 59 Resp: 6642
Ion Ratio Lower Upper
59 100
57 4.1 7.4 11.0#

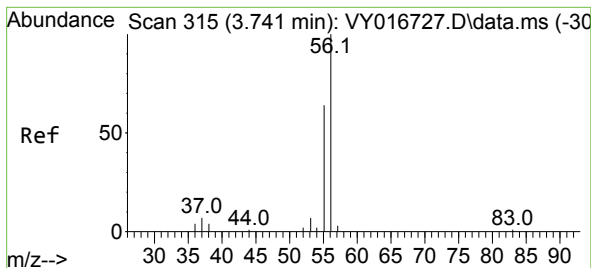


#12
1,1-Dichloroethene
Concen: 9.859 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24



Tgt Ion: 96 Resp: 16360
Ion Ratio Lower Upper
96 100
61 177.9 124.2 186.2
98 62.2 52.6 79.0





#13

Acrolein

Concen: 50.785 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

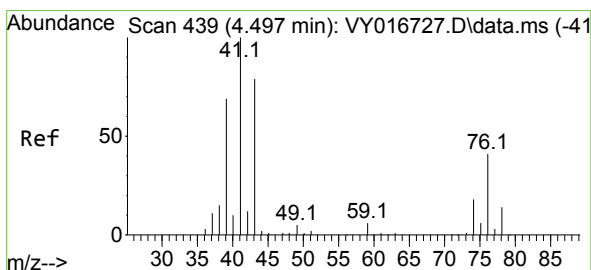
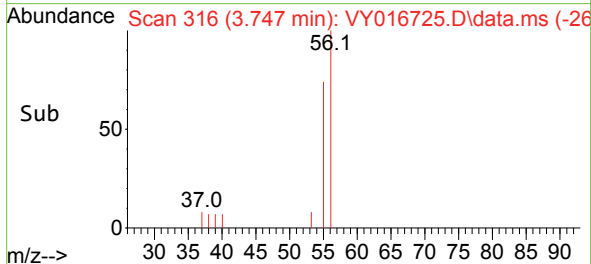
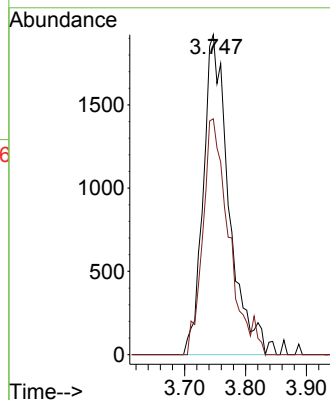
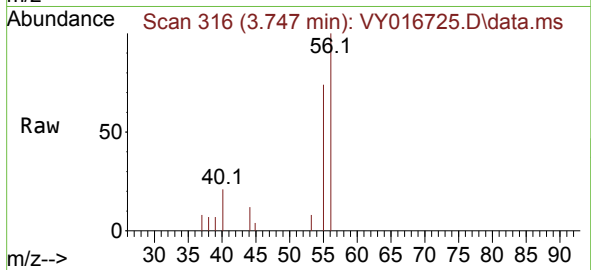
ClientSampleId :

Tgt Ion: 56 Resp: 5666

Ion Ratio Lower Upper

56 100

55 74.4 55.4 83.0



#14

Allyl chloride

Concen: 9.592 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

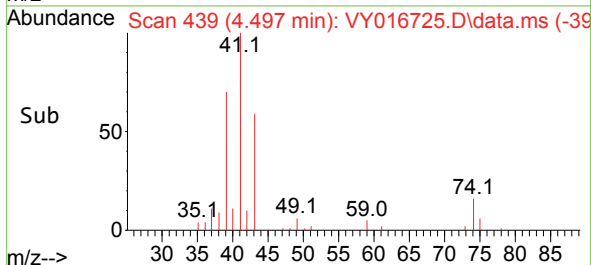
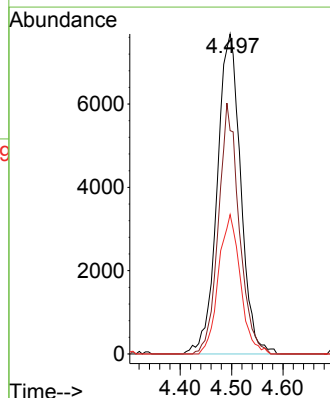
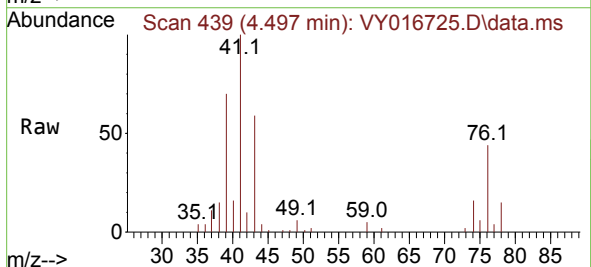
Tgt Ion: 41 Resp: 24378

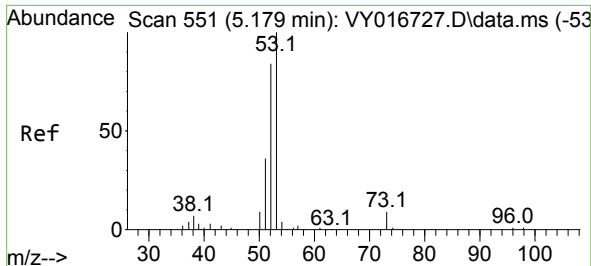
Ion Ratio Lower Upper

41 100

39 69.1 54.7 82.1

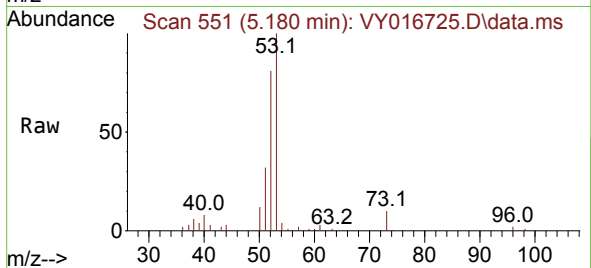
76 40.6 31.8 47.6



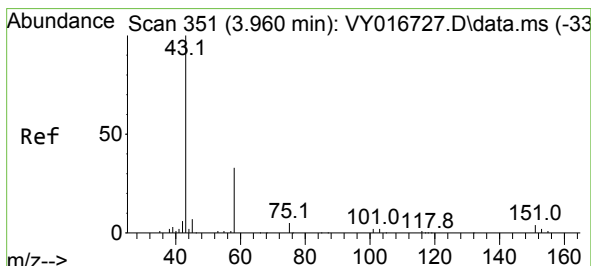
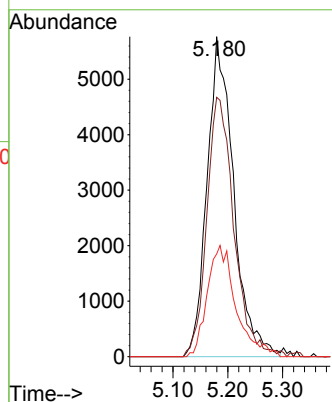
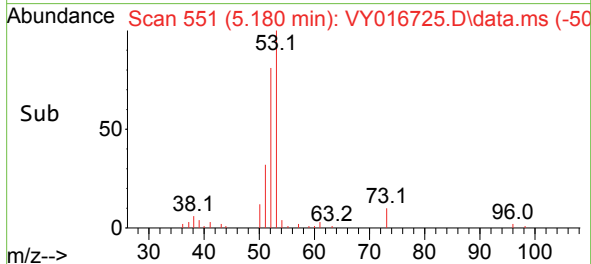


#15
Acrylonitrile
Concen: 46.968 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

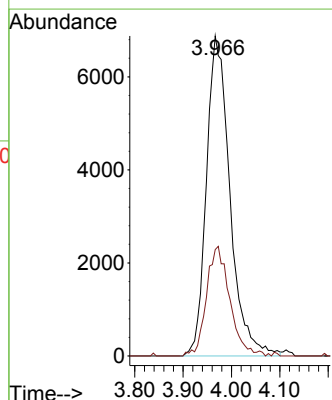
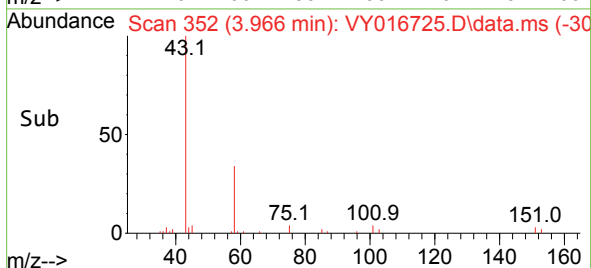
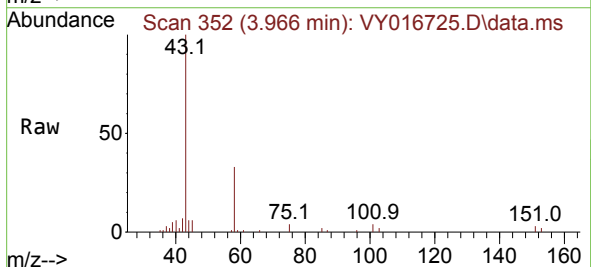


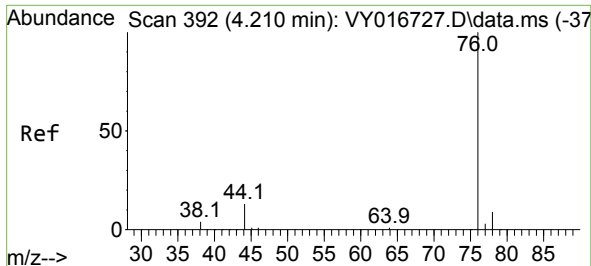
Tgt Ion: 53 Resp: 19331
Ion Ratio Lower Upper
53 100
52 82.9 65.1 97.7
51 37.7 29.0 43.4



#16
Acetone
Concen: 53.528 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

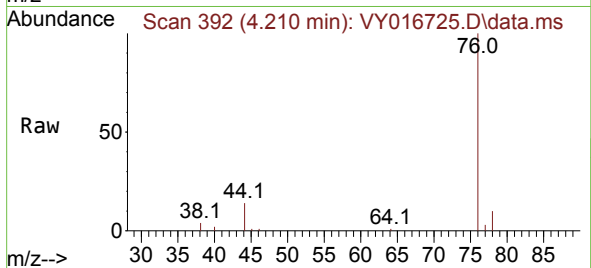
Tgt Ion: 43 Resp: 23226
Ion Ratio Lower Upper
43 100
58 33.2 26.6 39.8



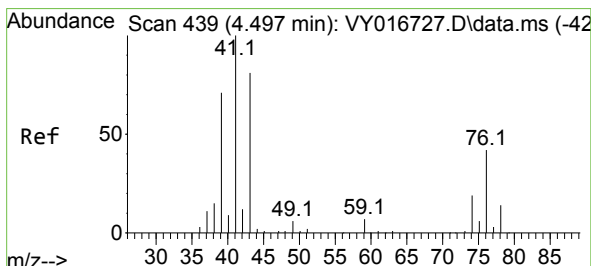
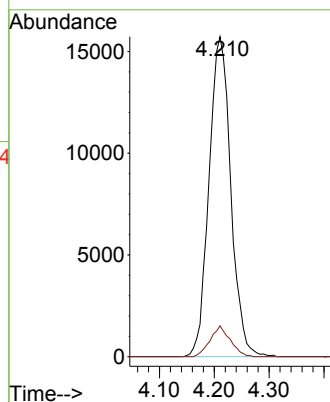
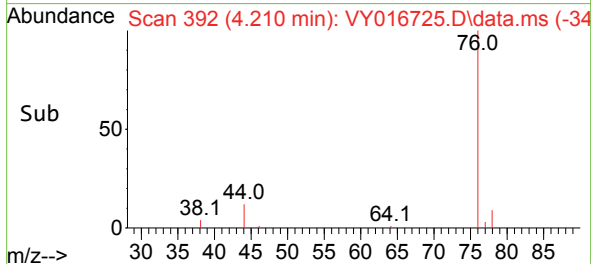


#17
Carbon Disulfide
Concen: 9.618 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

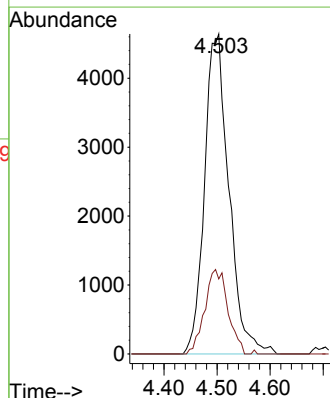
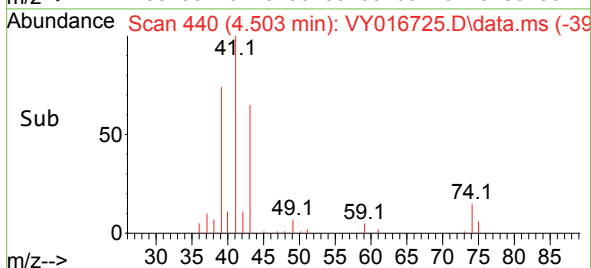
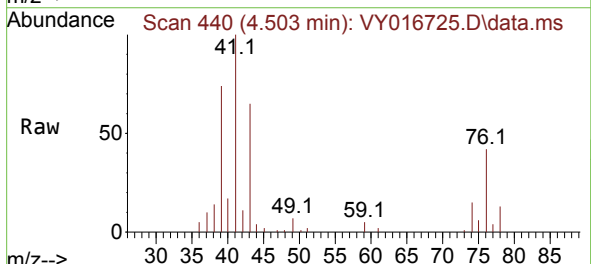


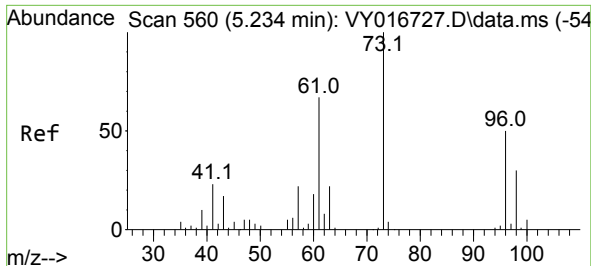
Tgt Ion: 76 Resp: 43425
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 8.737 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

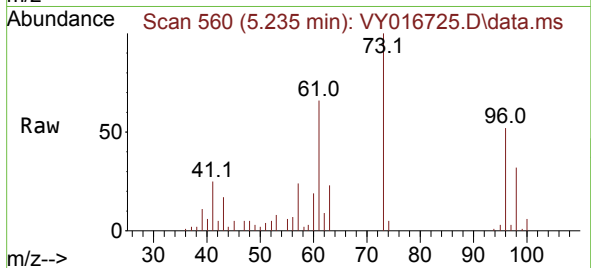
Tgt Ion: 43 Resp: 14815
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6



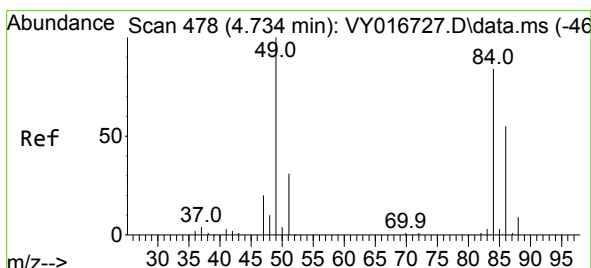
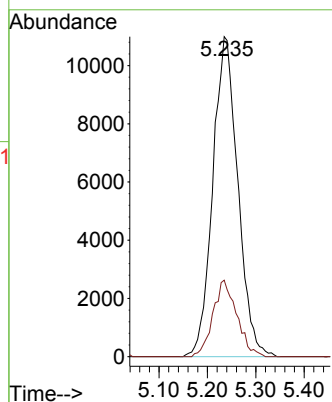
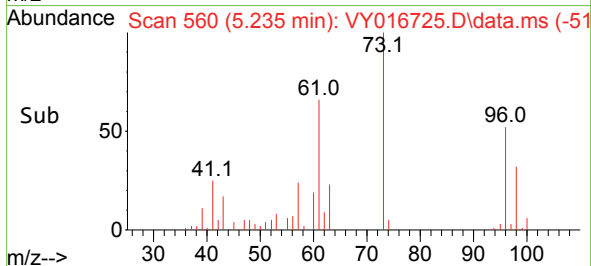


#19
Methyl tert-butyl Ether
Concen: 9.265 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

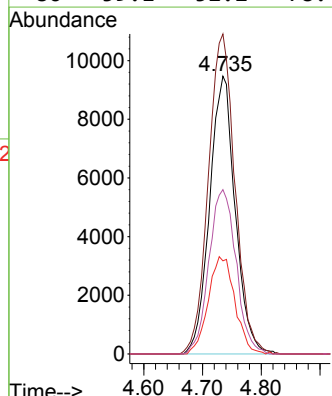
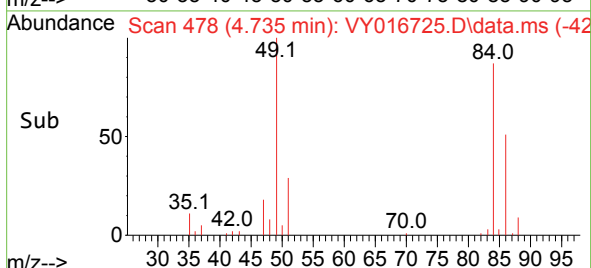
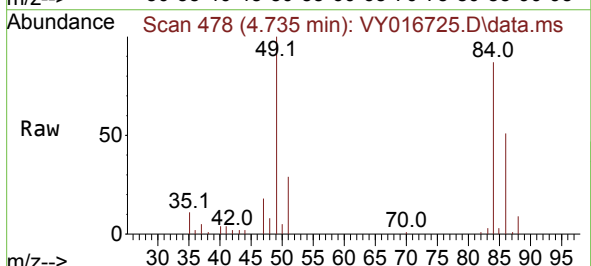


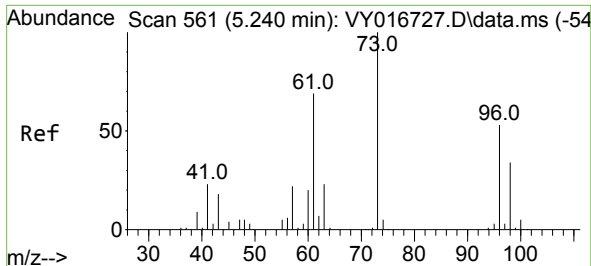
Tgt Ion: 73 Resp: 39560
Ion Ratio Lower Upper
73 100
57 23.9 17.7 26.5



#20
Methylene Chloride
Concen: 10.286 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 84 Resp: 28610
Ion Ratio Lower Upper
84 100
49 115.2 95.2 142.8
51 33.5 29.9 44.9
86 59.1 52.2 78.4

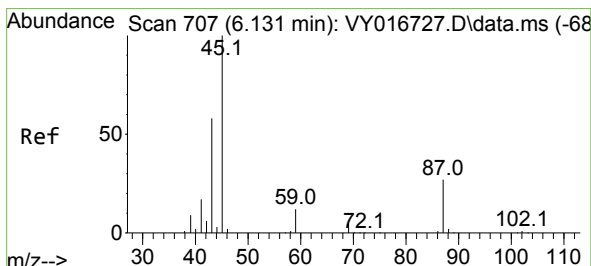
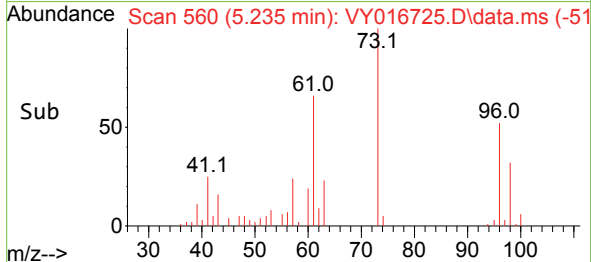
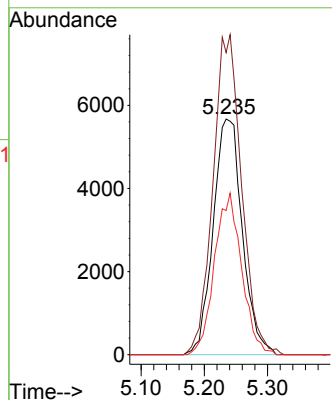
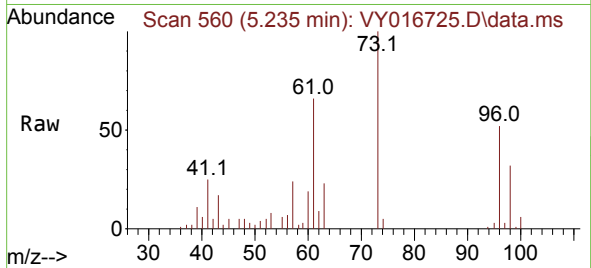




#21
trans-1,2-Dichloroethene
Concen: 9.578 ug/l
RT: 5.235 min Scan# 561
Delta R.T. -0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

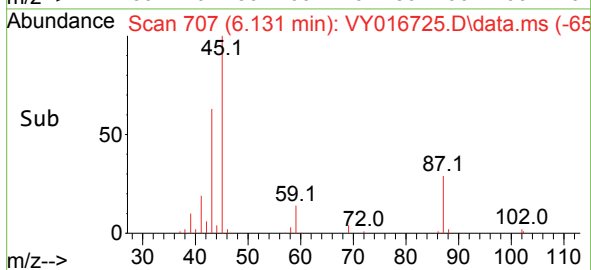
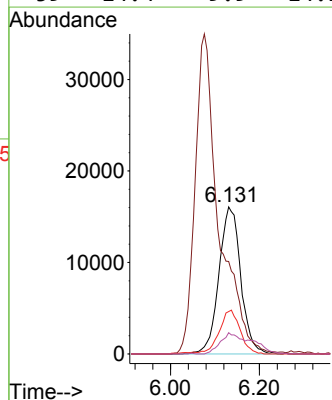
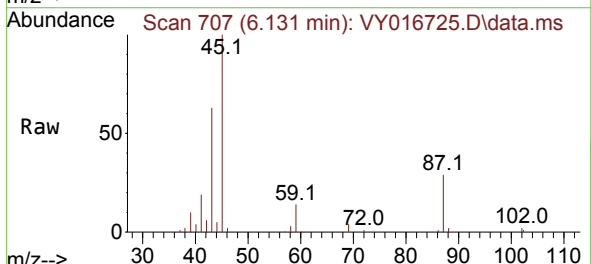
Instrument :
MSVOA_Y
ClientSampleId :

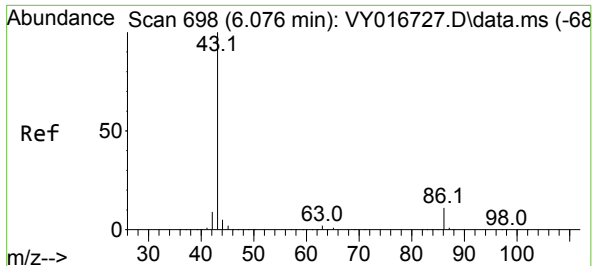
Tgt Ion: 96 Resp: 18127
Ion Ratio Lower Upper
96 100
61 128.2 104.6 156.8
98 61.2 50.9 76.3



#22
Diisopropyl ether
Concen: 9.527 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 45 Resp: 54783
Ion Ratio Lower Upper
45 100
43 61.6 46.8 70.2
87 28.8 22.2 33.2
59 14.4 9.9 14.9

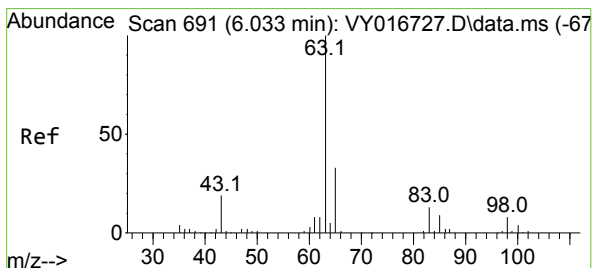
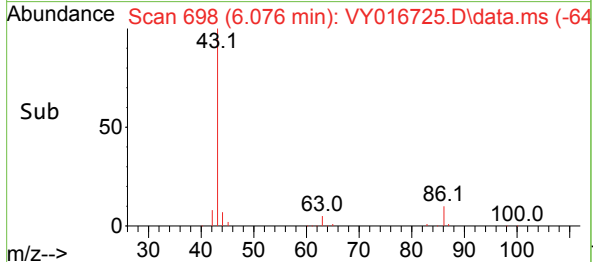
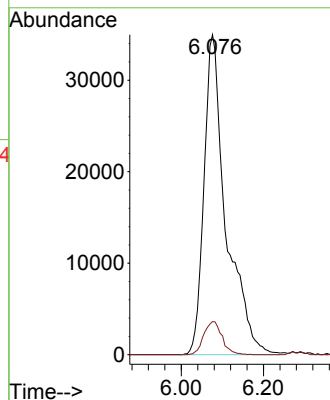
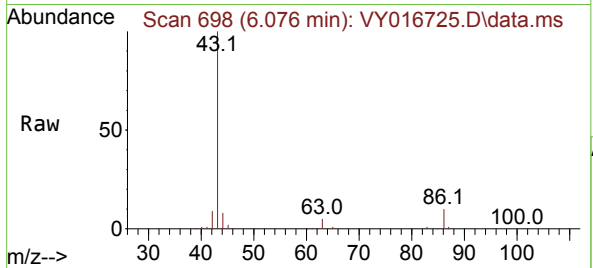




#23
 Vinyl Acetate
 Concen: 47.827 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016725.D
 Acq: 20 Dec 2023 15:24

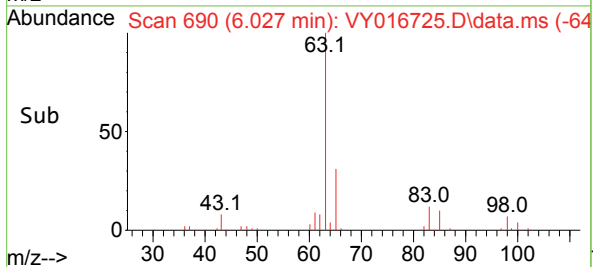
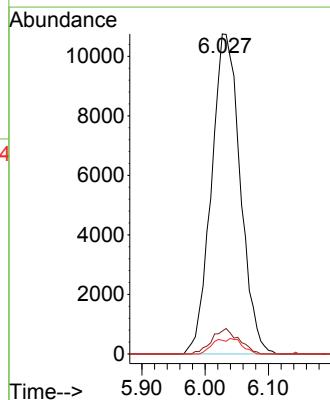
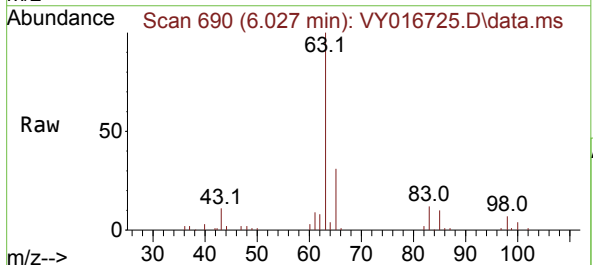
Instrument :
 MSVOA_Y
 ClientSampleId :

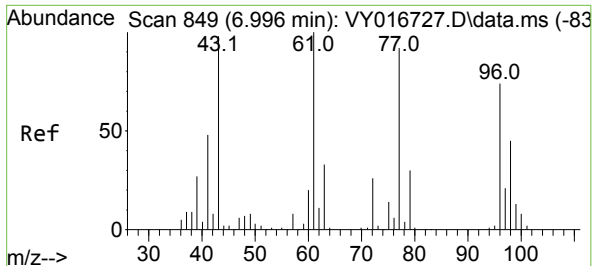
Tgt Ion: 43 Resp: 130066
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 9.858 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016725.D
 Acq: 20 Dec 2023 15:24

Tgt Ion: 63 Resp: 34052
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 51.044 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

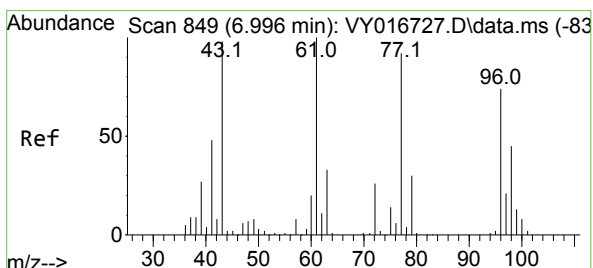
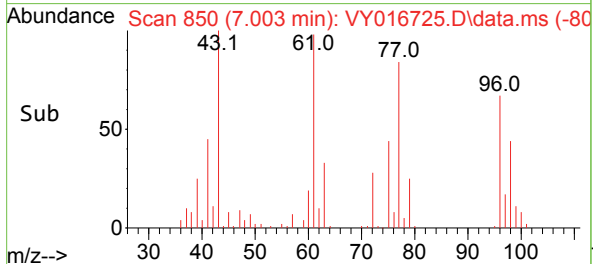
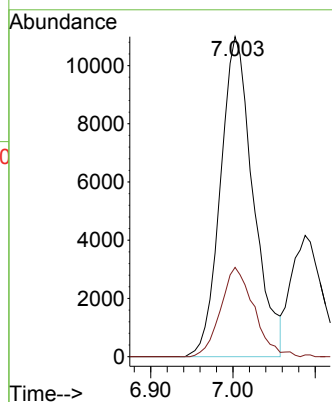
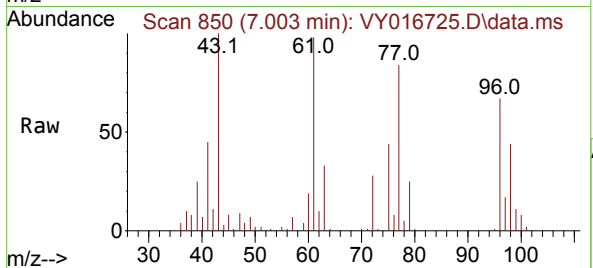
ClientSampleId :

Tgt Ion: 43 Resp: 30494

Ion Ratio Lower Upper

43 100

72 27.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 9.860 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016725.D

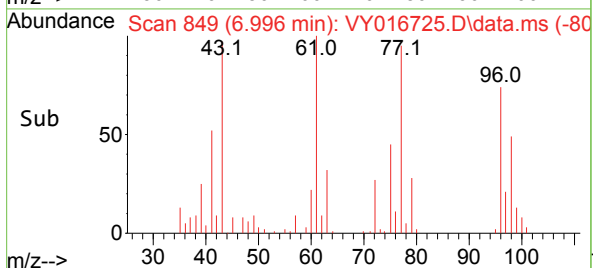
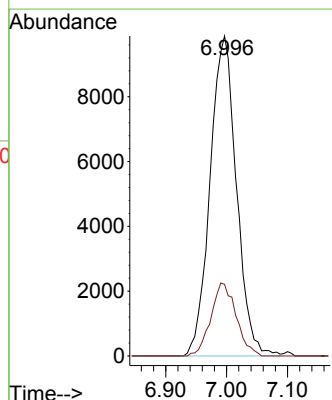
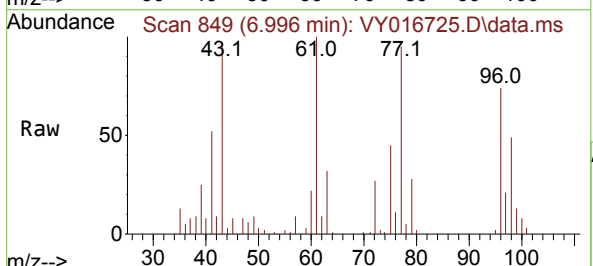
Acq: 20 Dec 2023 15:24

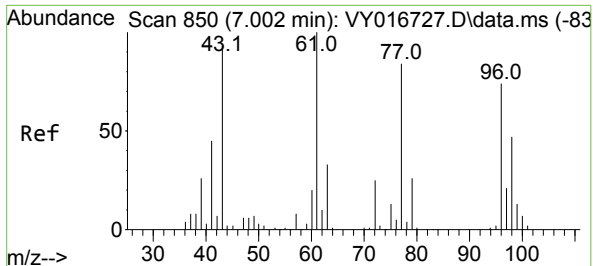
Tgt Ion: 77 Resp: 29720

Ion Ratio Lower Upper

77 100

97 21.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 9.526 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

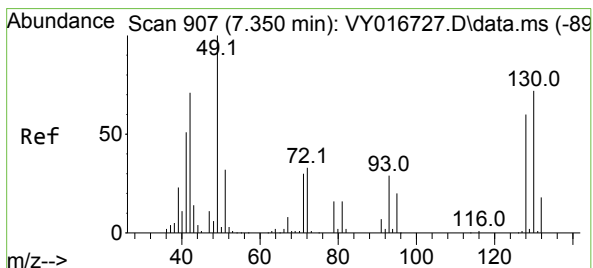
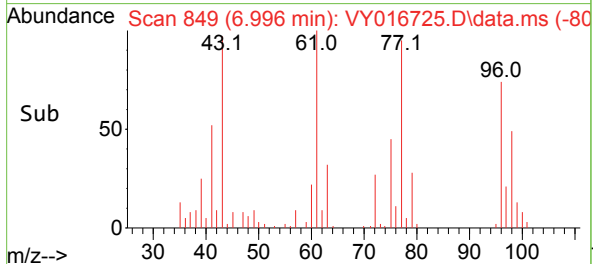
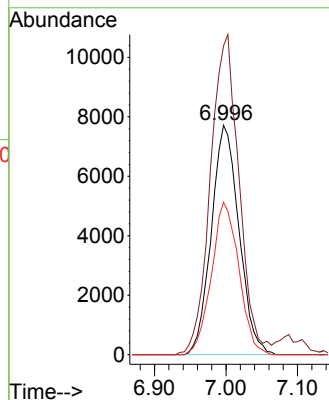
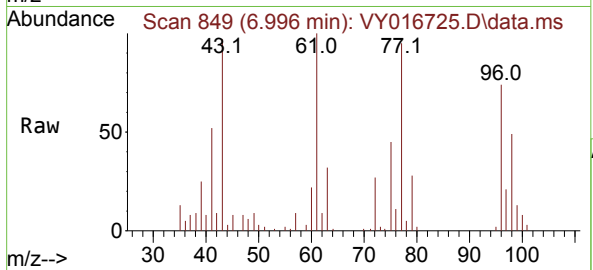
Tgt Ion: 96 Resp: 20749

Ion Ratio Lower Upper

96 100

61 144.3 0.0 278.8

98 65.9 0.0 127.0



#28

Bromochloromethane

Concen: 10.493 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

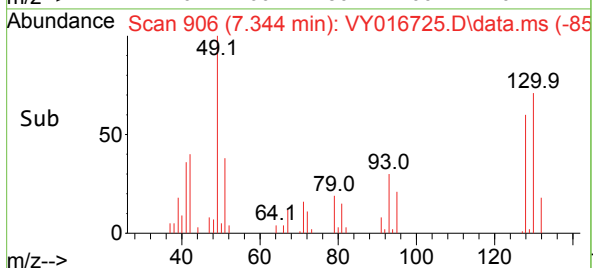
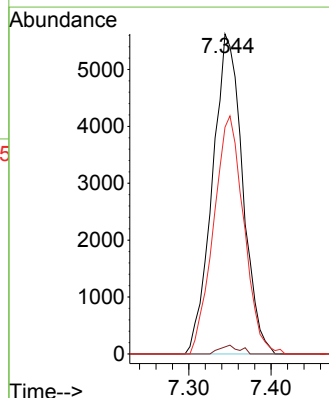
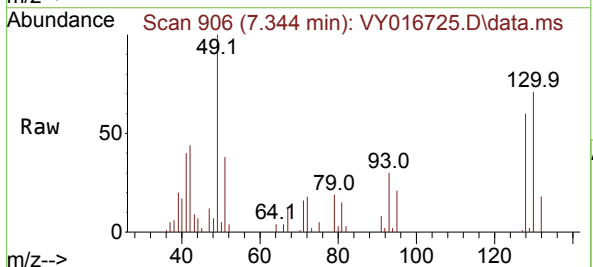
Tgt Ion: 49 Resp: 14345

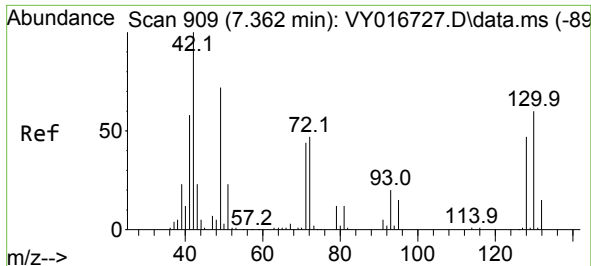
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 74.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 46.400 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

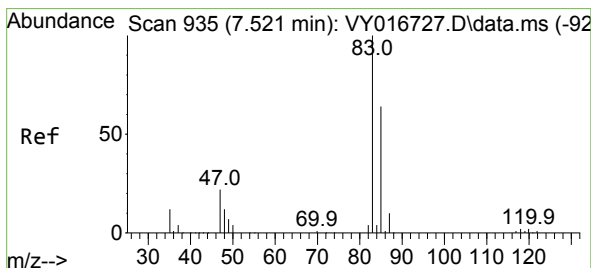
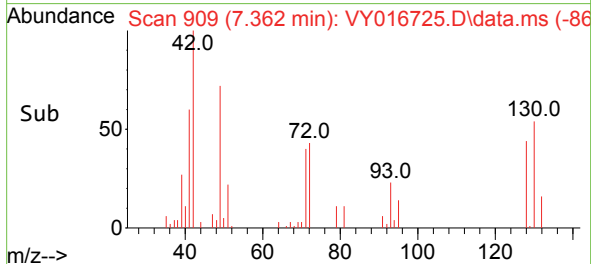
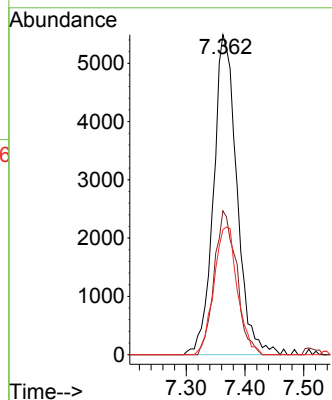
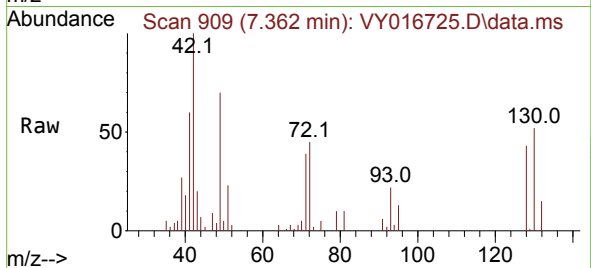
Tgt Ion: 42 Resp: 15157

Ion Ratio Lower Upper

42 100

72 42.8 36.6 54.8

71 40.2 33.8 50.6



#30

Chloroform

Concen: 9.749 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016725.D

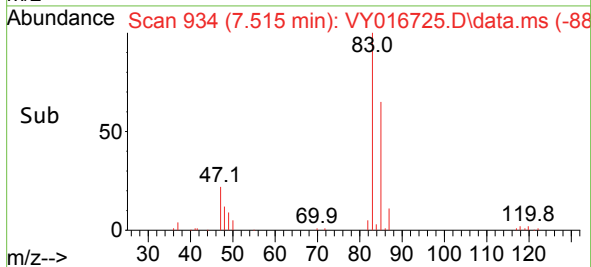
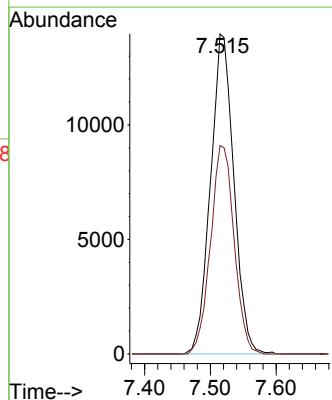
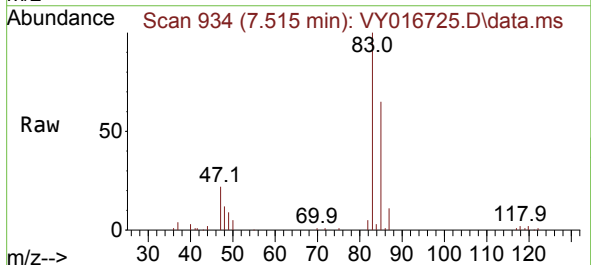
Acq: 20 Dec 2023 15:24

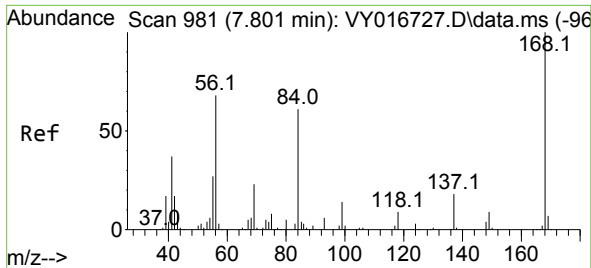
Tgt Ion: 83 Resp: 34471

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8

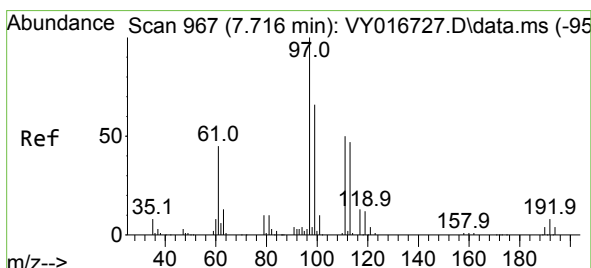
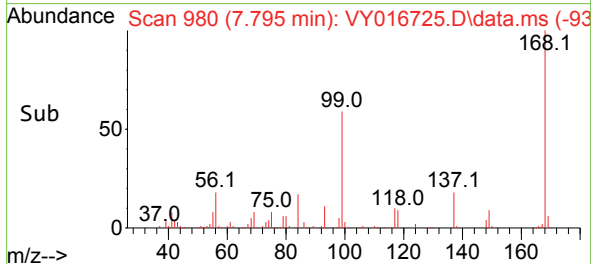
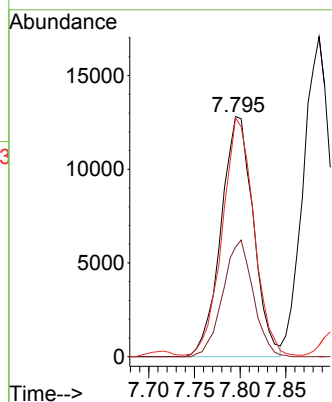
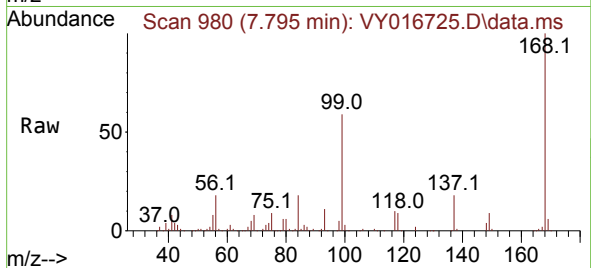




#31
Cyclohexane
Concen: 10.267 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

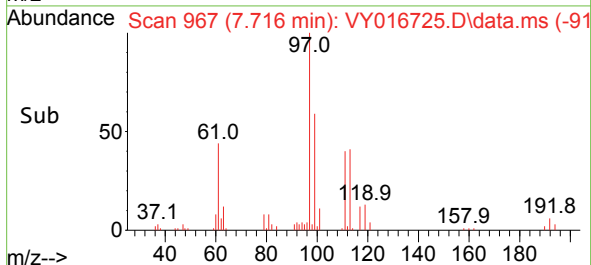
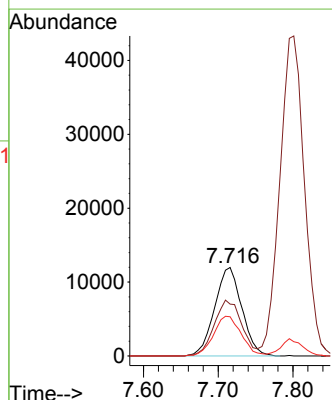
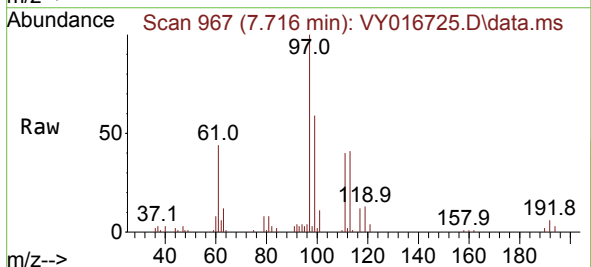
Instrument :
MSVOA_Y
ClientSampleId :

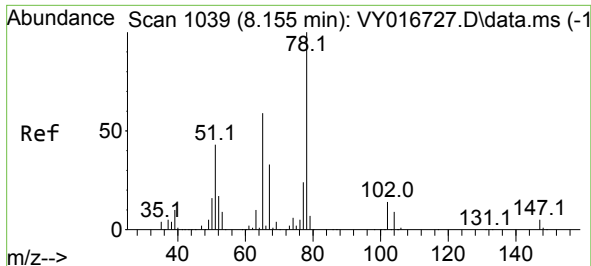
Tgt Ion: 56 Resp: 31565
Ion Ratio Lower Upper
56 100
69 45.6 27.0 40.6#
84 98.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 9.742 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

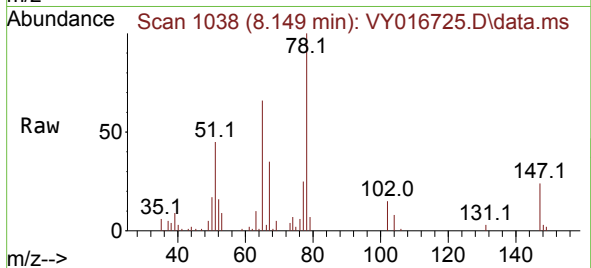
Tgt Ion: 97 Resp: 30238
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 46.0 35.0 52.6



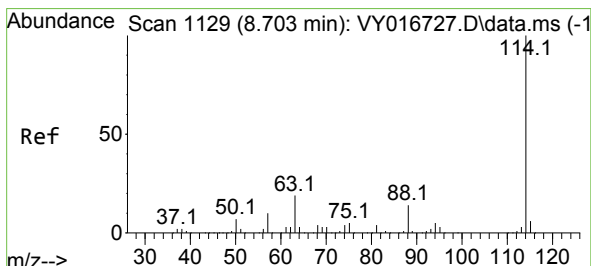
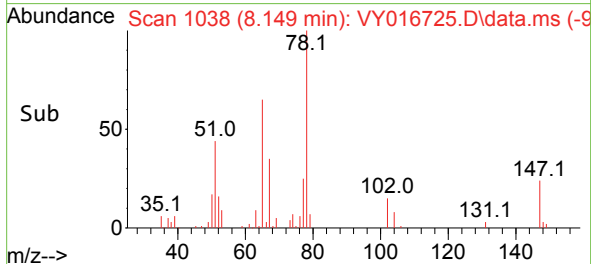
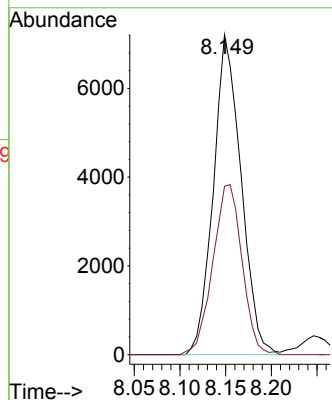


#33
1,2-Dichloroethane-d4
Concen: 9.478 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

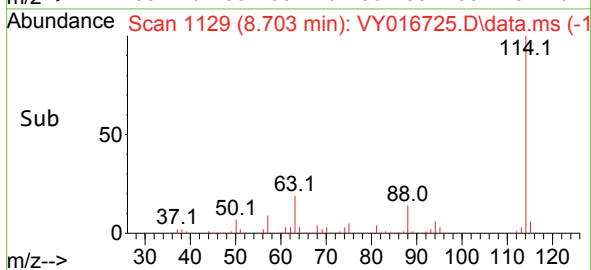
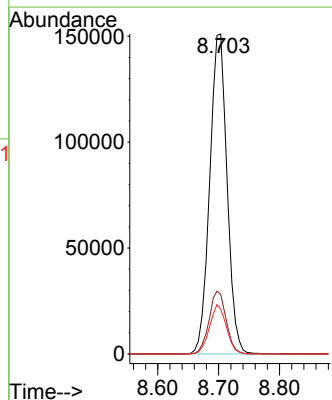
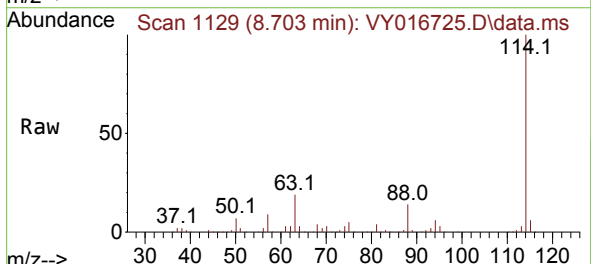


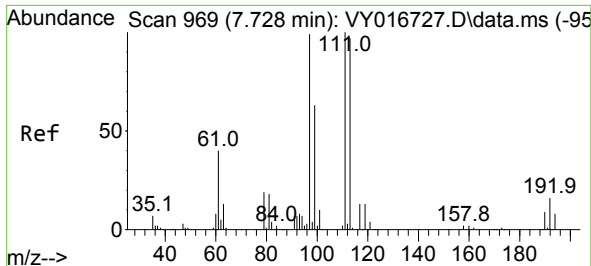
Tgt Ion: 65 Resp: 15209
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

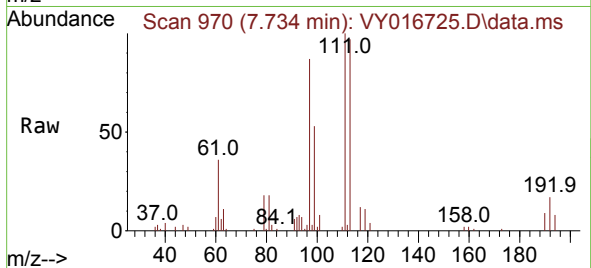
Tgt Ion: 114 Resp: 298690
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.4
88 13.9 0.0 29.0



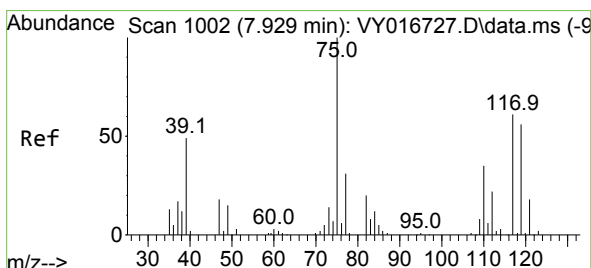
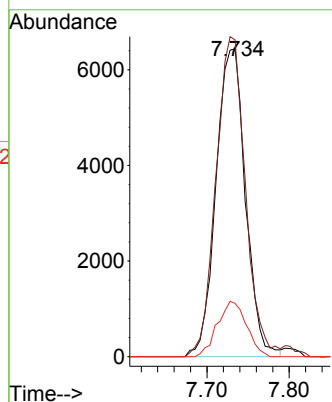
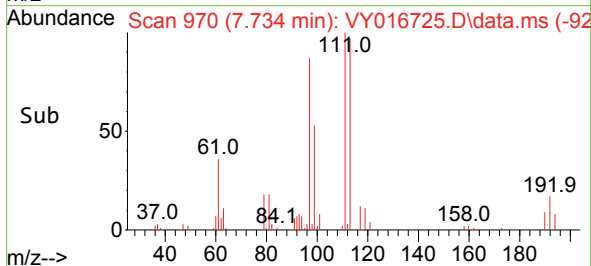


#35
Dibromofluoromethane
Concen: 9.367 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

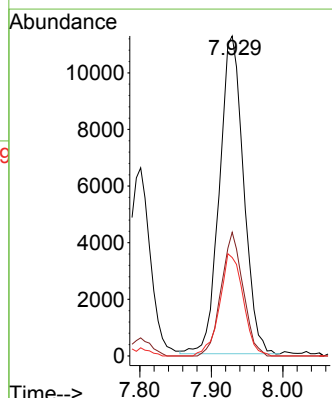
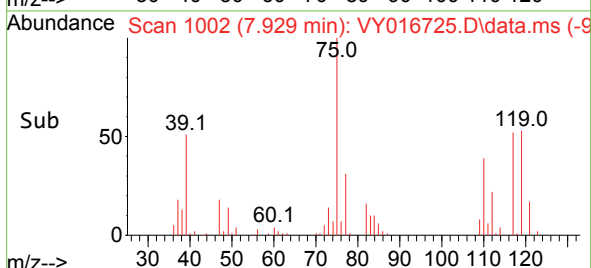
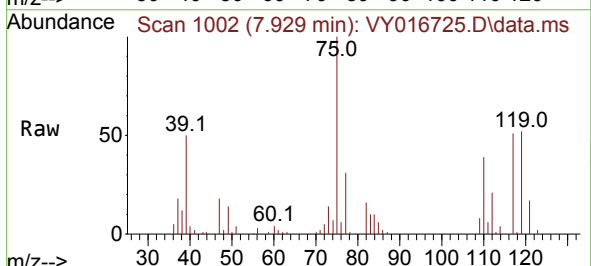


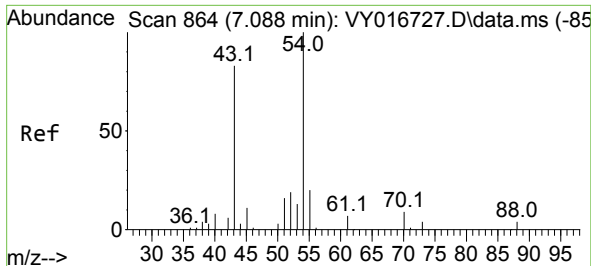
Tgt Ion:113 Resp: 16026
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 9.605 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

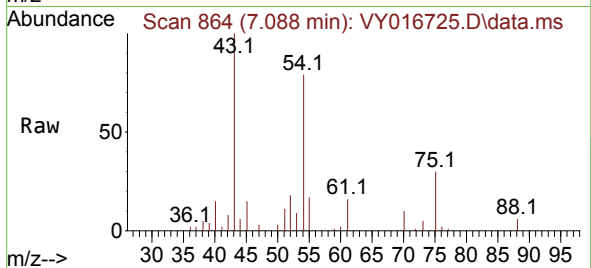
Tgt Ion: 75 Resp: 26345
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.3
77 31.4 24.7 37.1



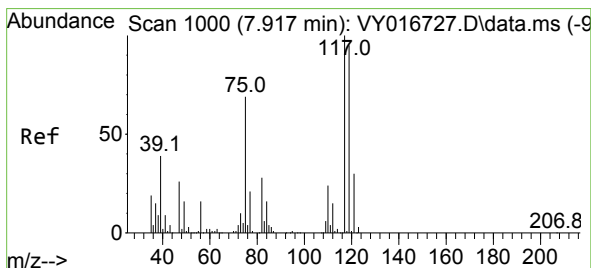
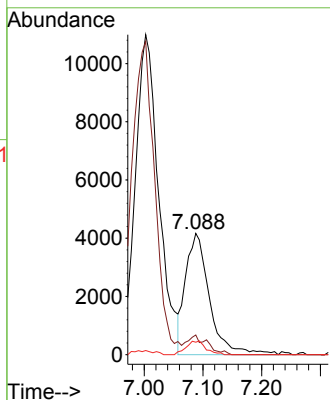
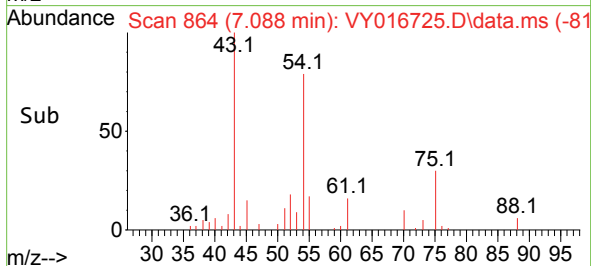


#37
Ethyl Acetate
Concen: 9.802 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

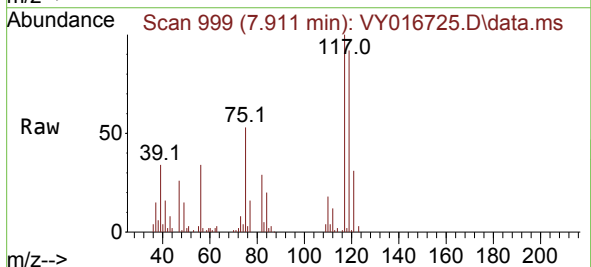
Instrument :
MSVOA_Y
ClientSampleId :



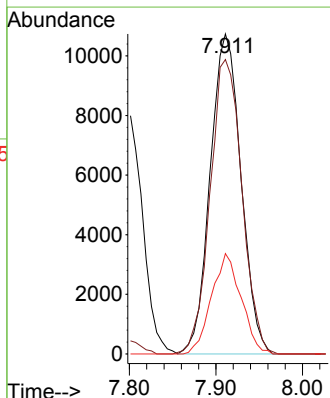
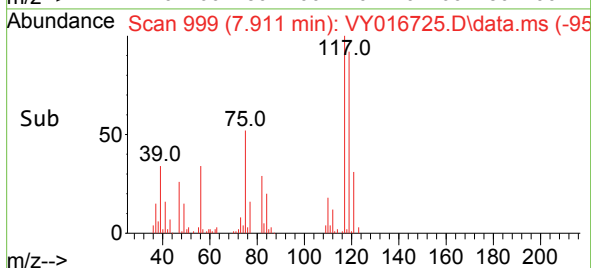
Tgt Ion: 43 Resp: 11767
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 9.2 8.1 12.1

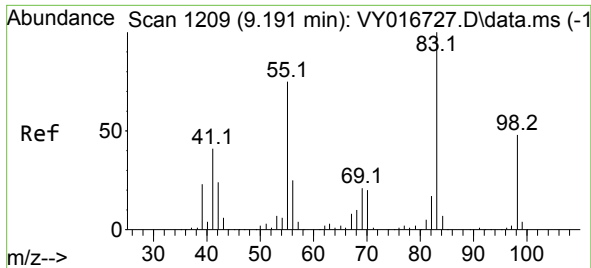


#38
Carbon Tetrachloride
Concen: 9.781 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24



Tgt Ion: 117 Resp: 26549
Ion Ratio Lower Upper
117 100
119 92.0 76.0 114.0
121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 9.113 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

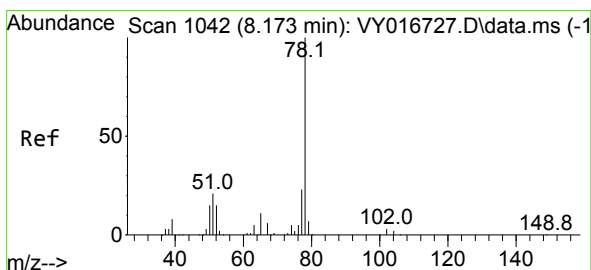
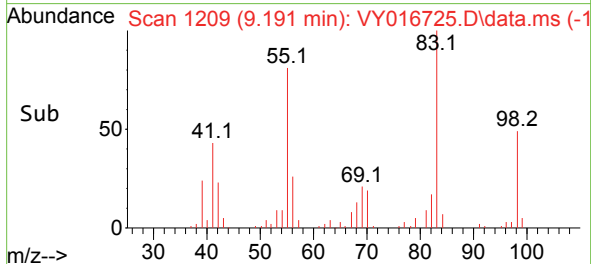
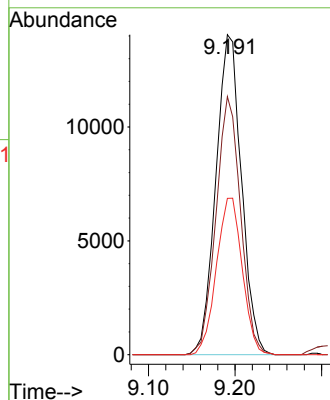
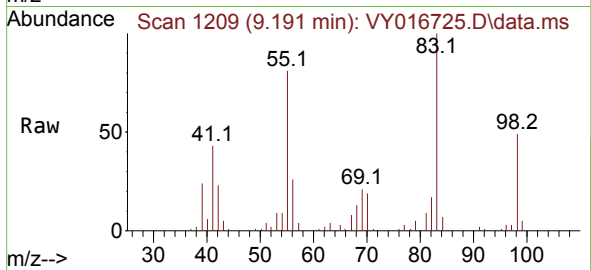
Tgt Ion: 83 Resp: 28859

Ion Ratio Lower Upper

83 100

55 80.7 59.7 89.5

98 48.8 38.0 57.0



#40

Benzene

Concen: 9.687 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016725.D

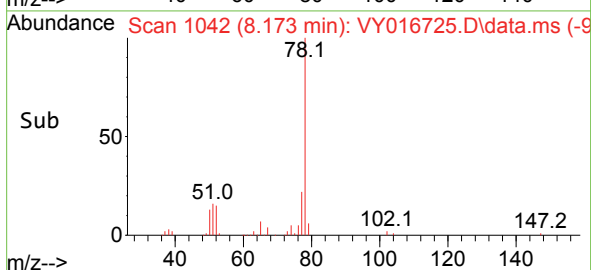
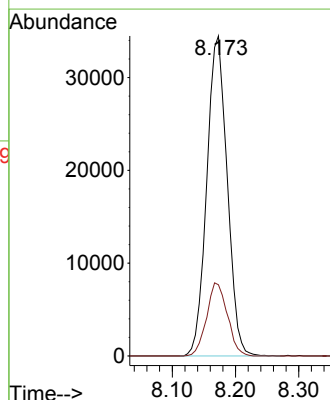
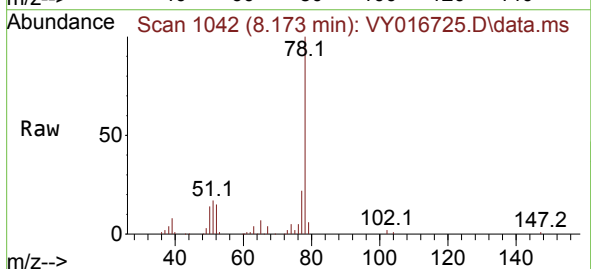
Acq: 20 Dec 2023 15:24

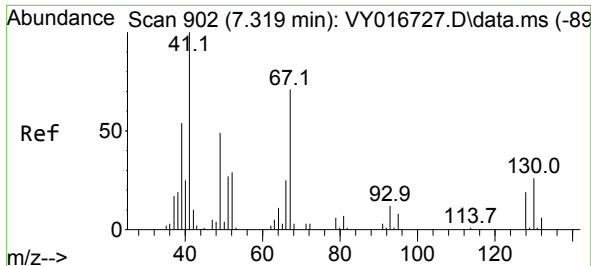
Tgt Ion: 78 Resp: 77324

Ion Ratio Lower Upper

78 100

77 22.2 18.8 28.2

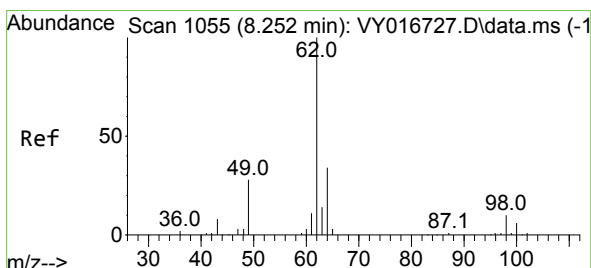
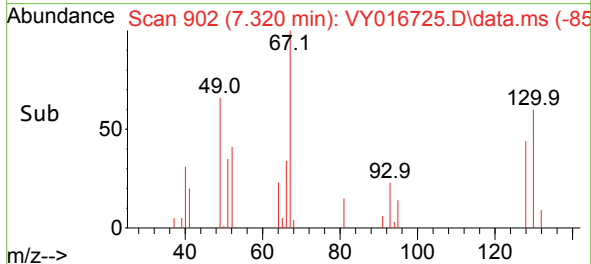
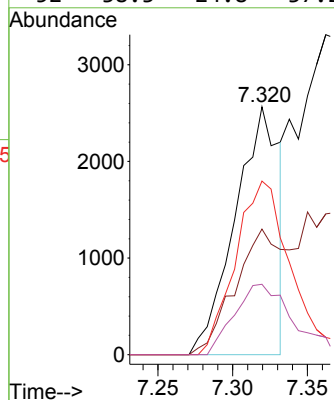
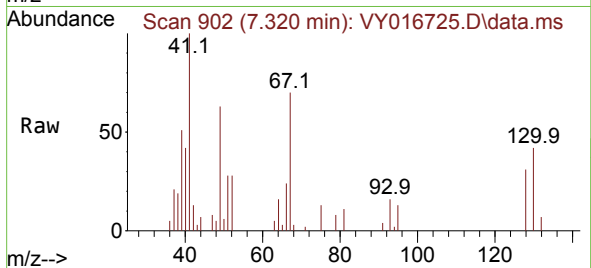




#41
Methacrylonitrile
Concen: 8.415 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

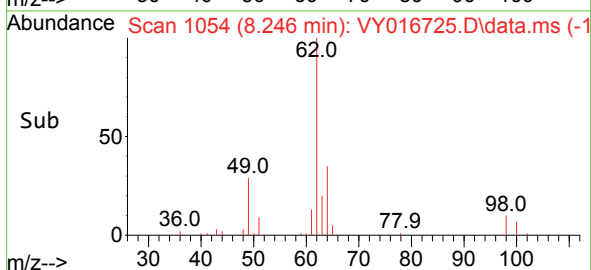
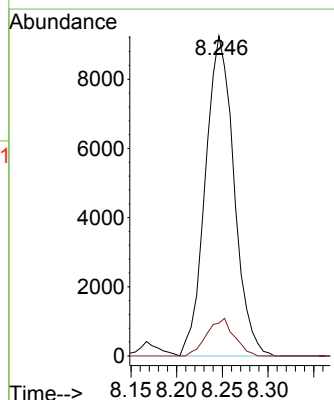
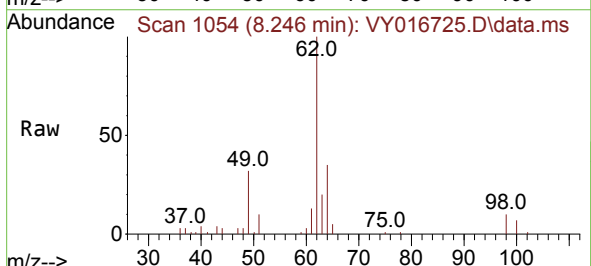
Instrument :
MSVOA_Y
ClientSampleId :

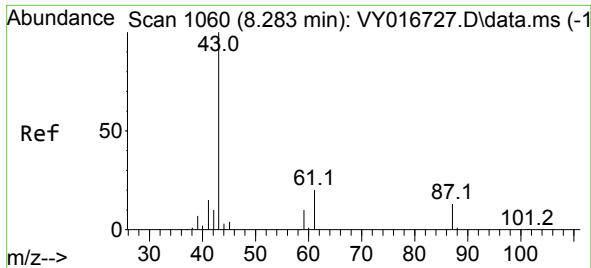
Tgt Ion:	41	Resp:	5253
Ion	Ratio	Lower	Upper
41	100		
39	58.6	41.9	62.9
67	87.2	59.8	89.6
52	38.3	24.8	37.2



#42
1,2-Dichloroethane
Concen: 9.677 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion:	62	Resp:	20152
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.2

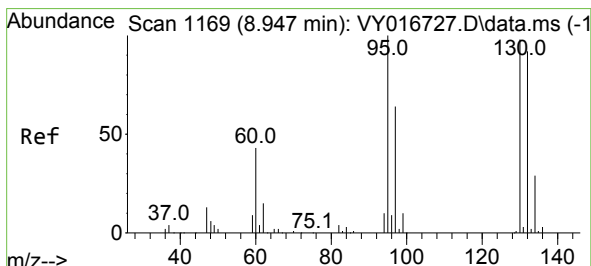
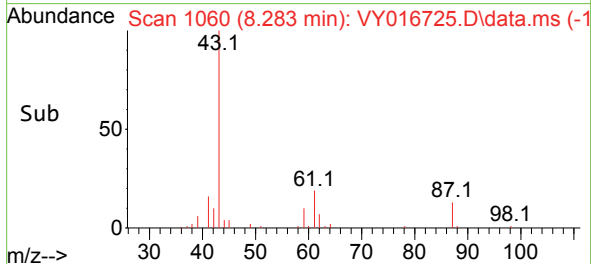
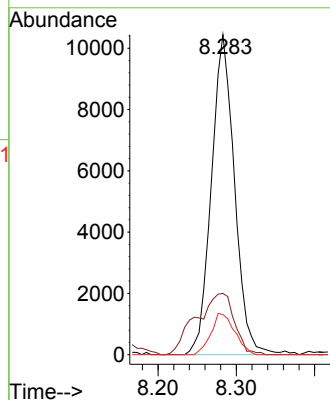
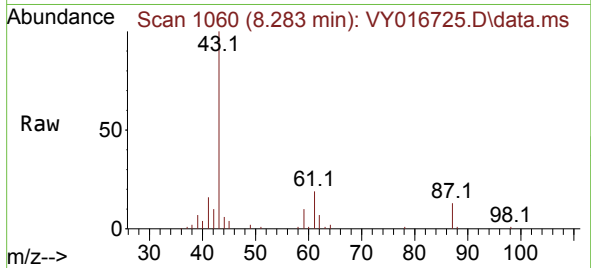




#43
Isopropyl Acetate
Concen: 9.377 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

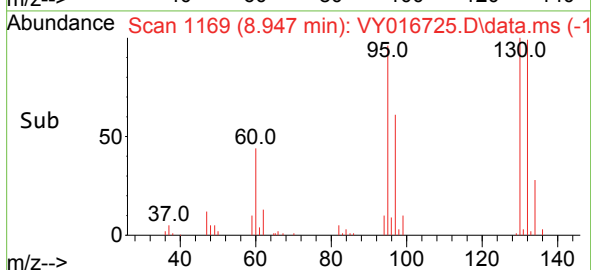
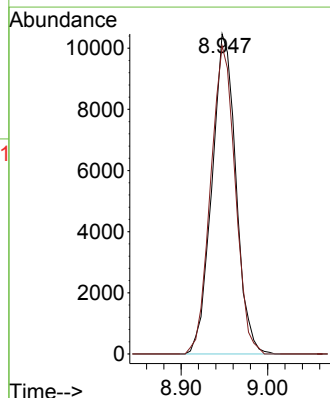
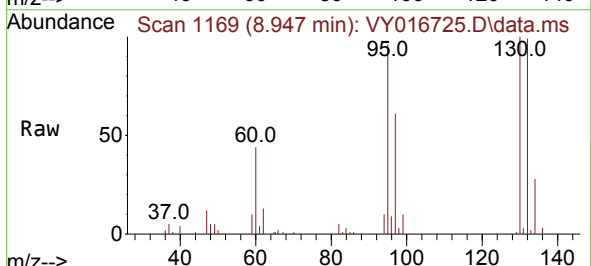
Instrument :
MSVOA_Y
ClientSampleId :

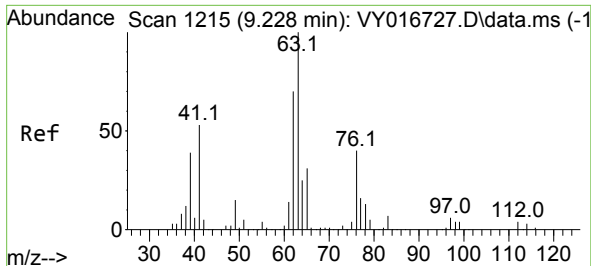
Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.7	24.8	37.2
87	13.2	10.7	16.1



#44
Trichloroethene
Concen: 9.889 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	203.8

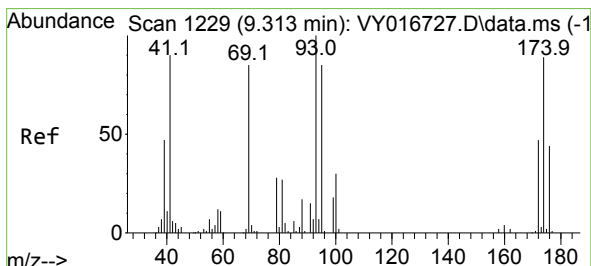
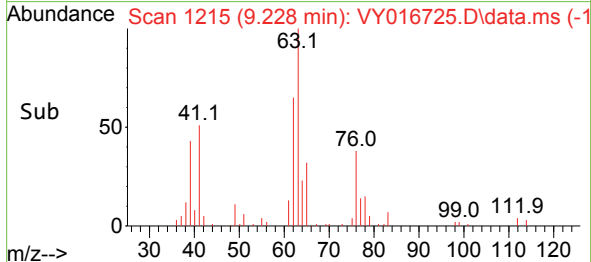
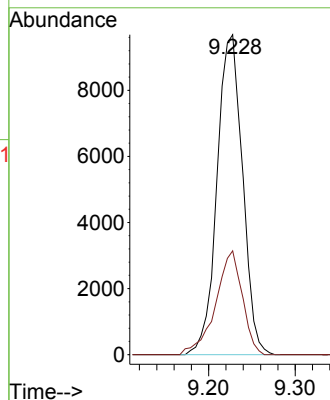
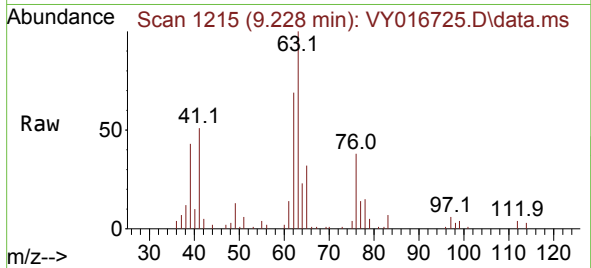




#45
1,2-Dichloropropane
Concen: 9.880 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

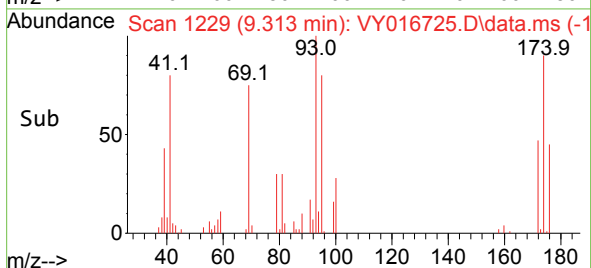
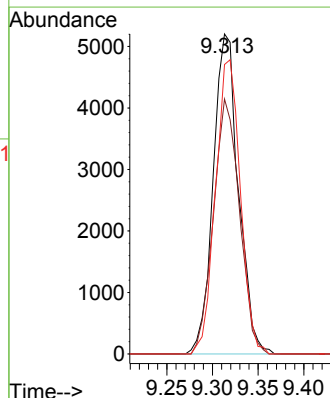
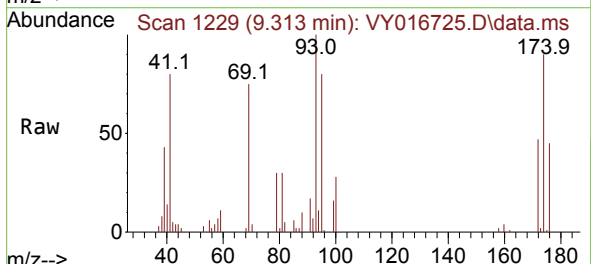
Instrument :
MSVOA_Y
ClientSampleId :

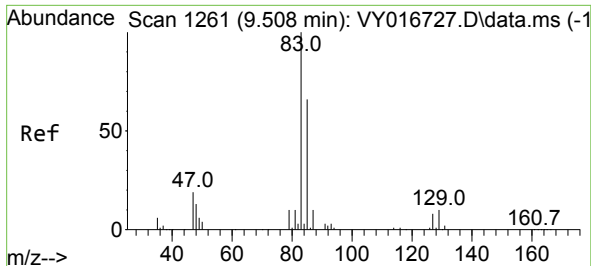
Tgt Ion: 63 Resp: 19783
Ion Ratio Lower Upper
63 100
65 32.4 24.6 36.8



#46
Dibromomethane
Concen: 9.680 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

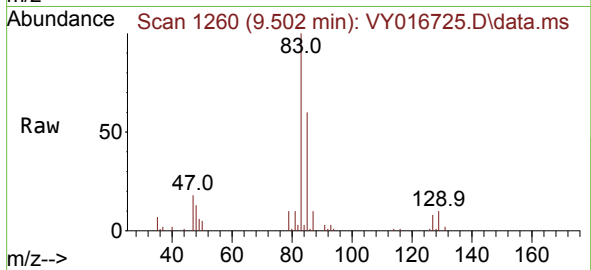
Tgt Ion: 93 Resp: 10013
Ion Ratio Lower Upper
93 100
95 81.8 66.6 99.8
174 90.6 73.8 110.6



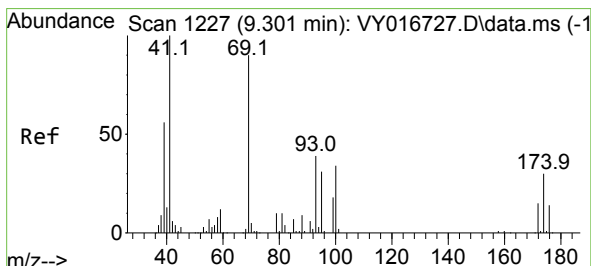
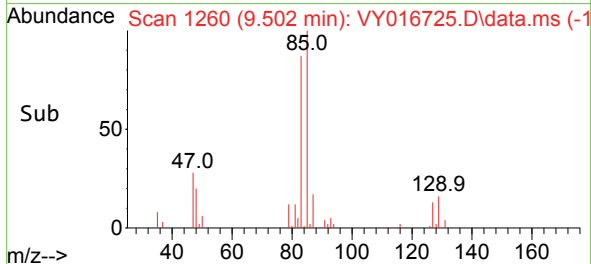
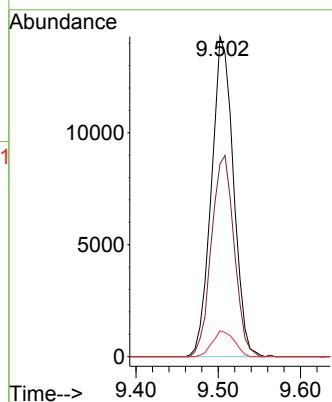


#47
Bromodichloromethane
Concen: 9.759 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

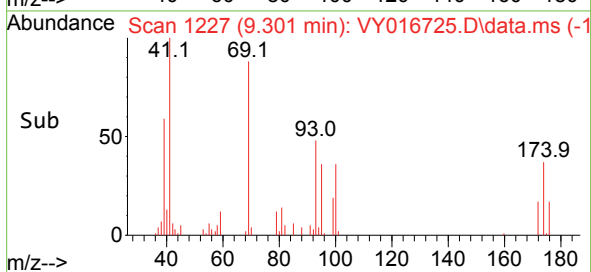
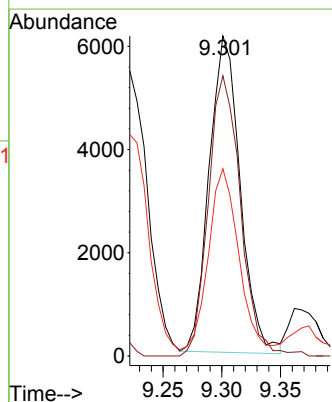
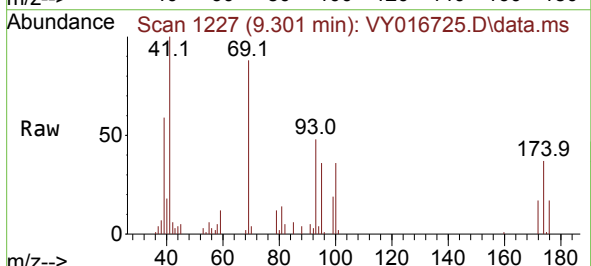


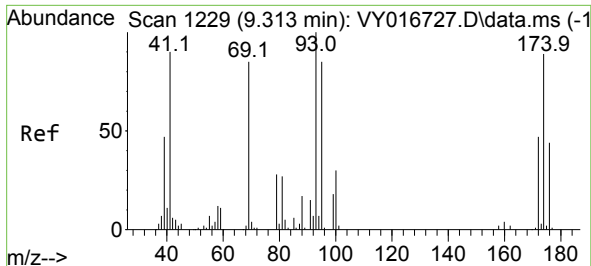
Tgt Ion: 83 Resp: 26607
Ion Ratio Lower Upper
83 100
85 60.3 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 8.806 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 41 Resp: 11278
Ion Ratio Lower Upper
41 100
69 91.6 72.1 108.1
39 59.6 42.8 64.2





#49

1,4-Dioxane

Concen: 188.752 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

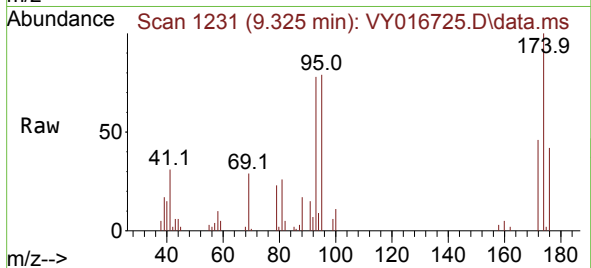
Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :



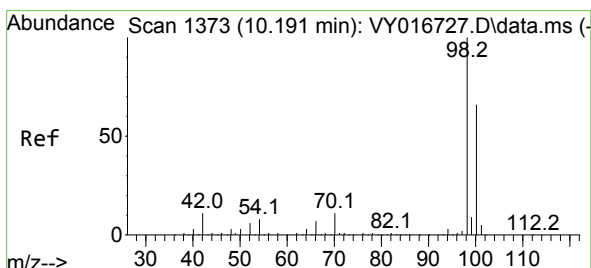
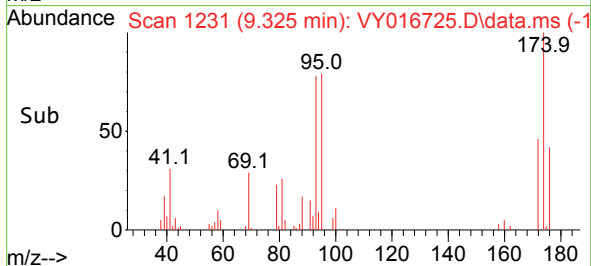
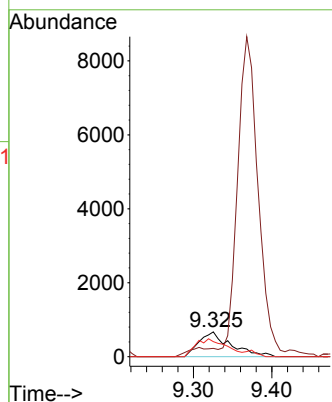
Tgt Ion: 88 Resp: 1895

Ion Ratio Lower Upper

88 100

43 0.0 28.2 42.4#

58 69.4 52.2 78.2



#50

Toluene-d8

Concen: 8.911 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016725.D

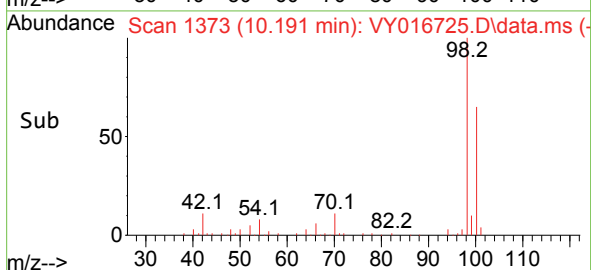
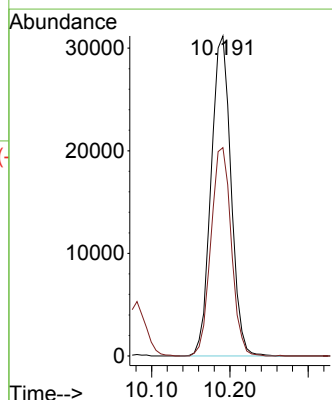
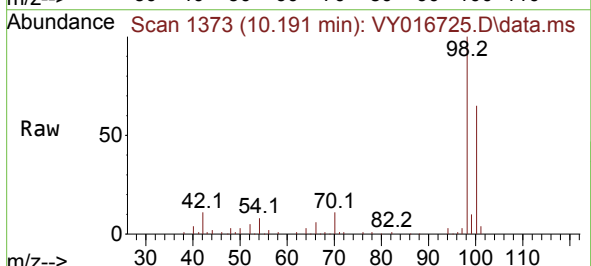
Acq: 20 Dec 2023 15:24

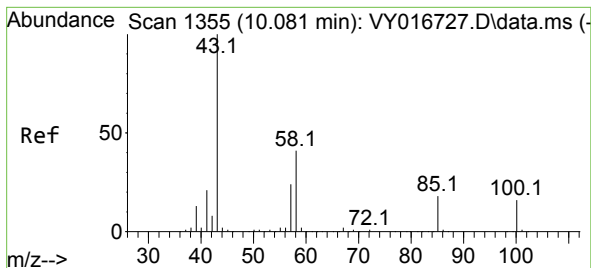
Tgt Ion: 98 Resp: 54959

Ion Ratio Lower Upper

98 100

100 66.6 52.3 78.5

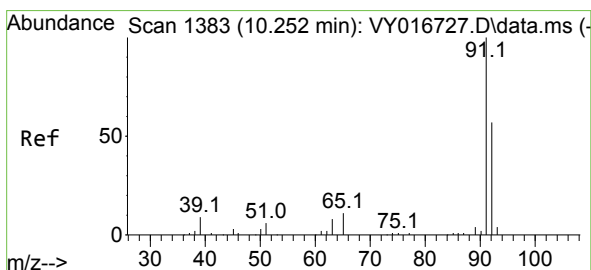
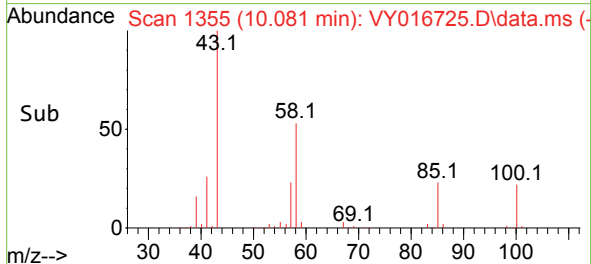
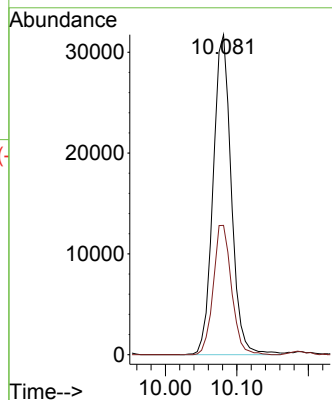
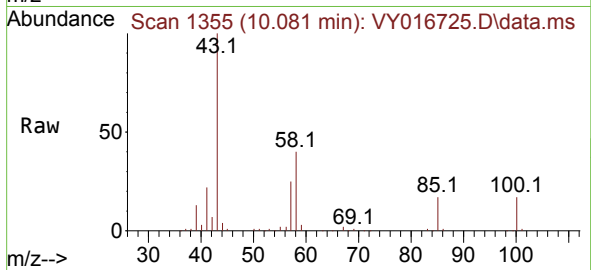




#51
4-Methyl-2-Pentanone
Concen: 45.980 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

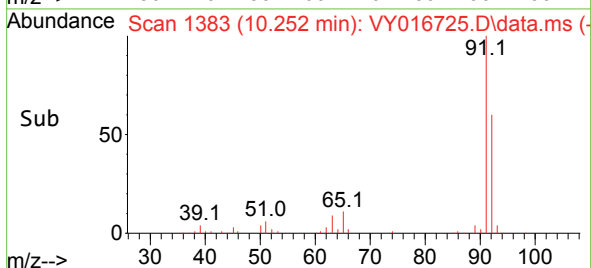
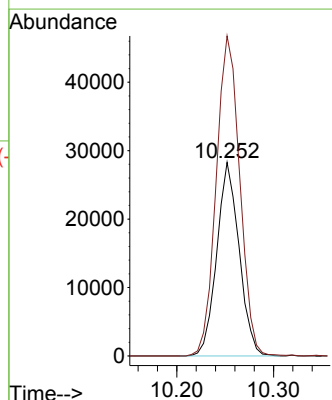
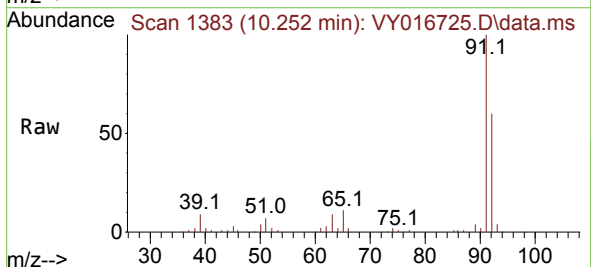
Instrument :
MSVOA_Y
ClientSampleId :

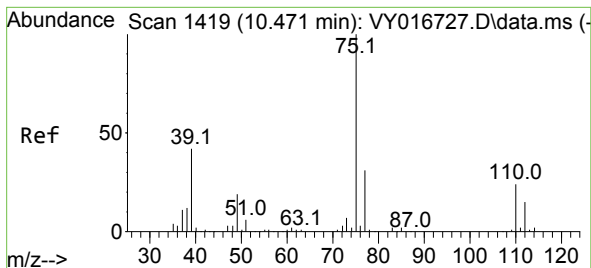
Tgt Ion: 43 Resp: 55942
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.2



#52
Toluene
Concen: 9.478 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 92 Resp: 45339
Ion Ratio Lower Upper
92 100
91 174.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 9.352 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

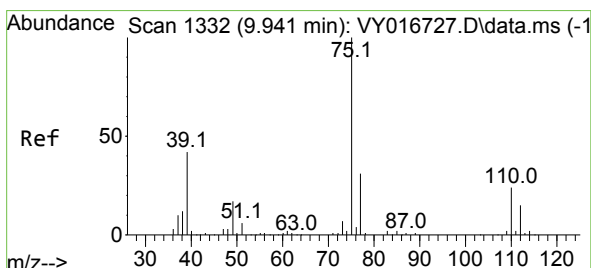
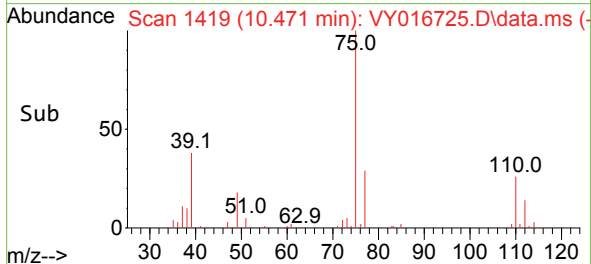
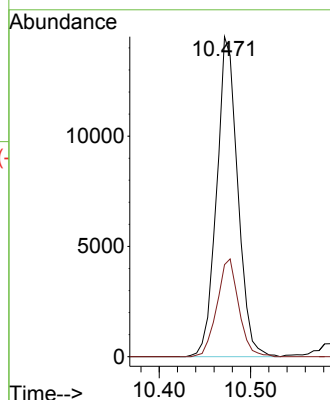
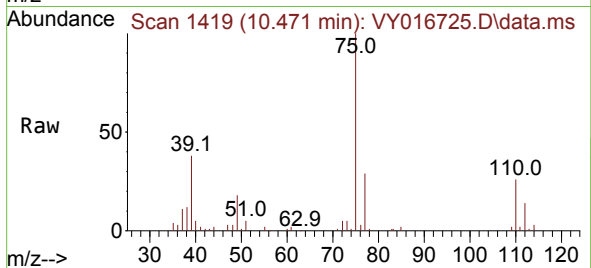
ClientSampleId :

Tgt Ion: 75 Resp: 23248

Ion Ratio Lower Upper

75 100

77 28.8 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 9.505 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. -0.006 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

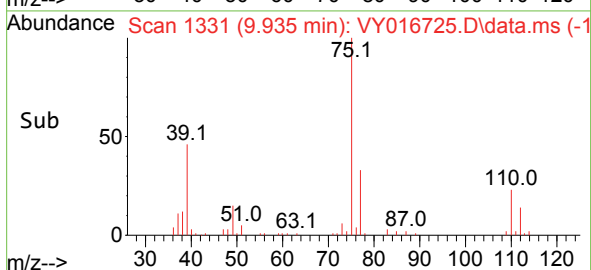
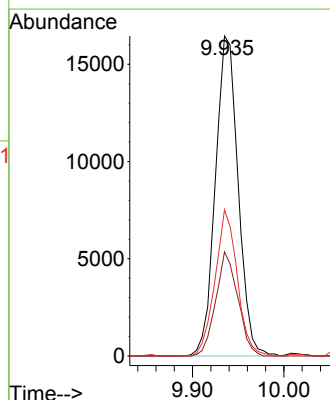
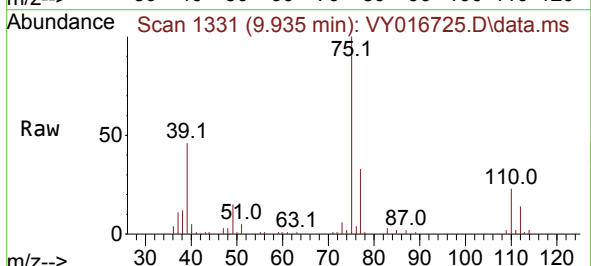
Tgt Ion: 75 Resp: 28502

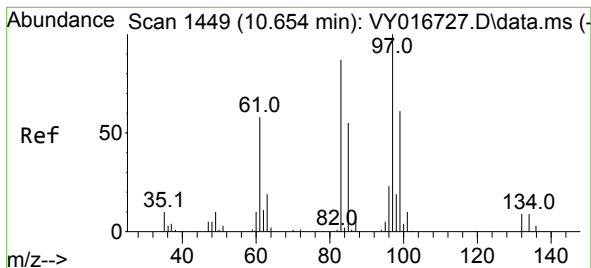
Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8

39 45.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 9.788 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

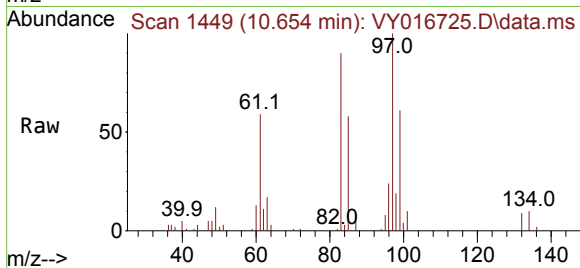
Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 14445

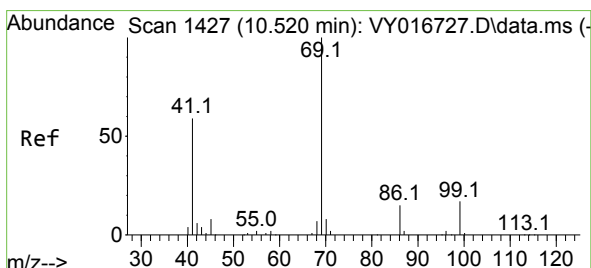
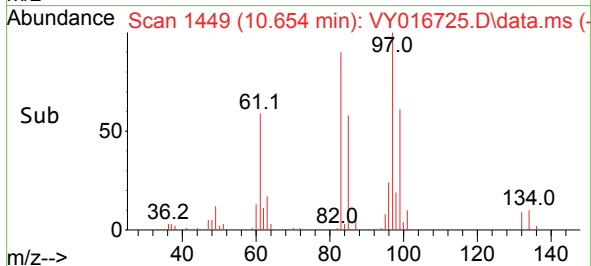
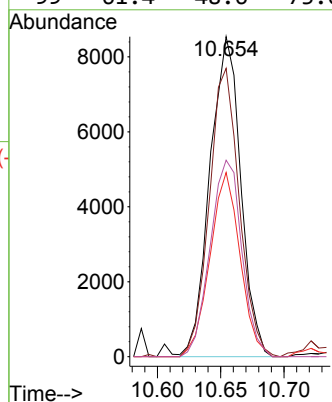
Ion Ratio Lower Upper

97 100

83 90.1 69.4 104.2

85 57.5 43.9 65.9

99 61.4 48.6 73.0



#56

Ethyl methacrylate

Concen: 8.469 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

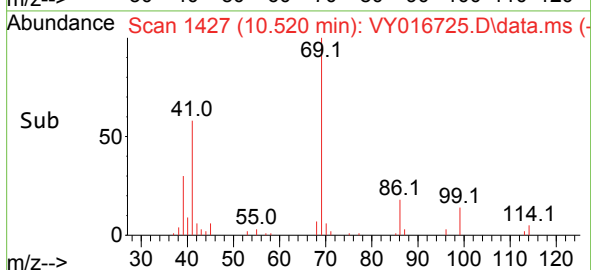
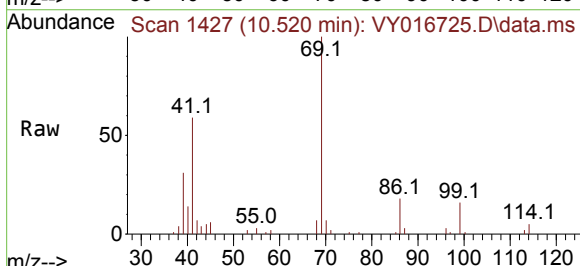
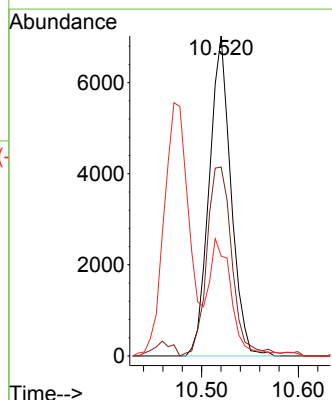
Tgt Ion: 69 Resp: 10990

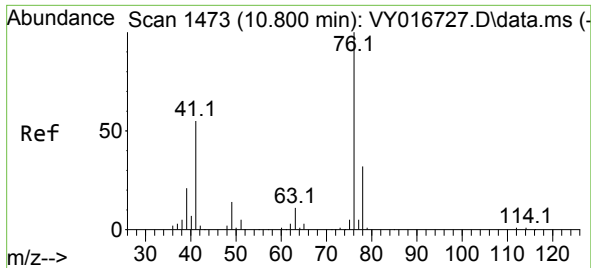
Ion Ratio Lower Upper

69 100

41 68.5 49.2 73.8

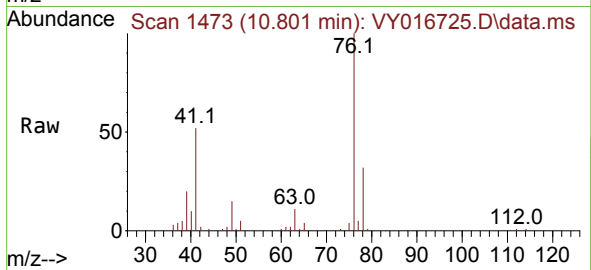
39 34.1 26.8 40.2



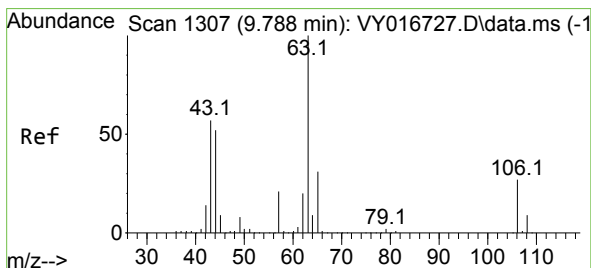
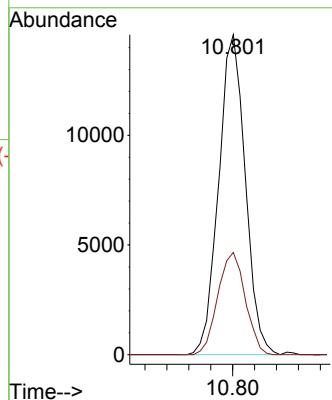
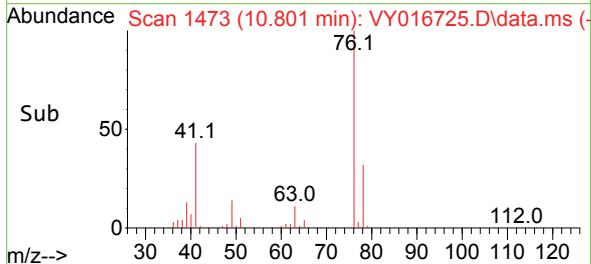


#57
1,3-Dichloropropane
Concen: 9.816 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.001 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Instrument :
MSVOA_Y
ClientSampleId :

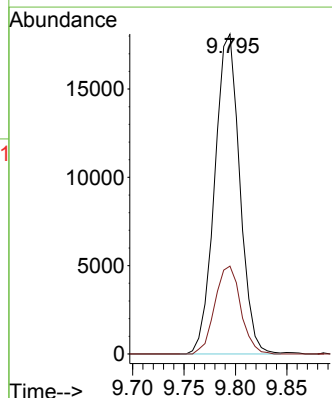
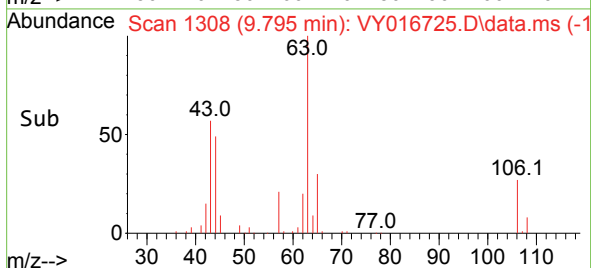
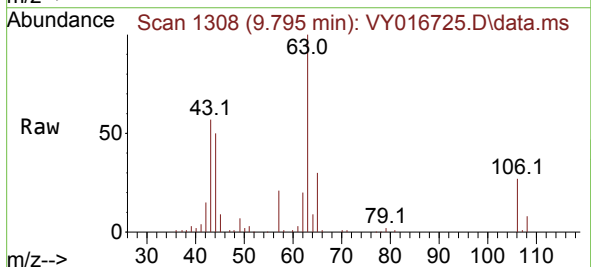


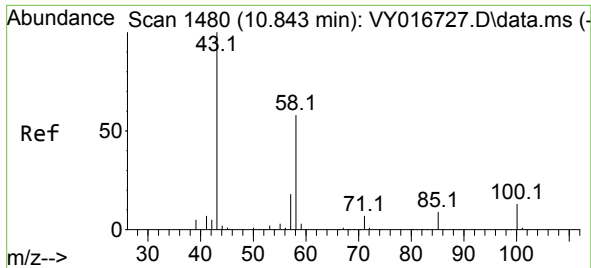
Tgt Ion: 76 Resp: 24606
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 51.768 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 63 Resp: 30689
Ion Ratio Lower Upper
63 100
106 28.3 22.4 33.6

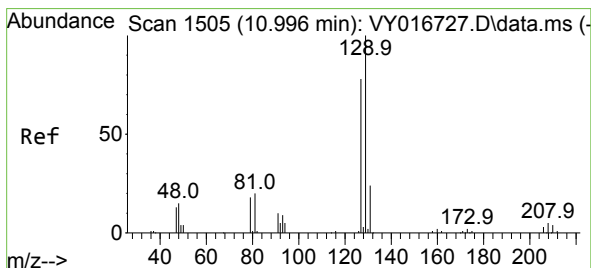
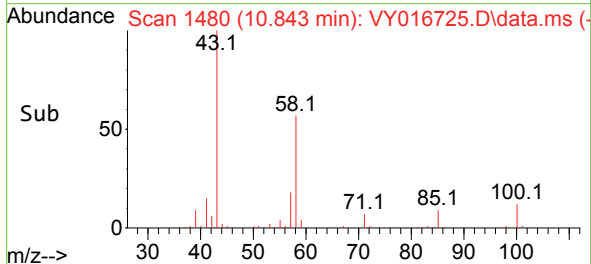
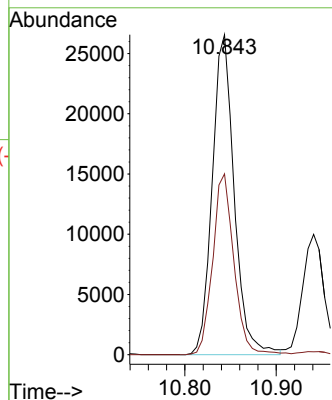
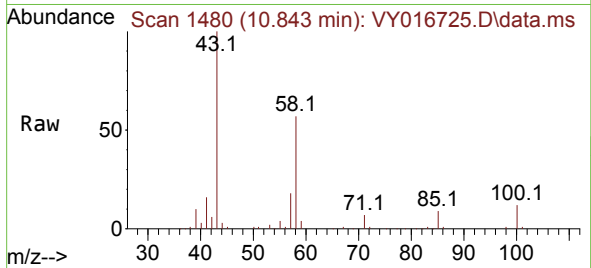




#59
2-Hexanone
Concen: 48.903 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

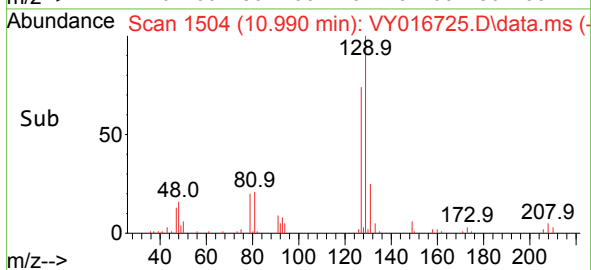
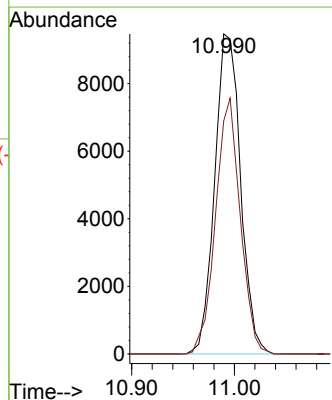
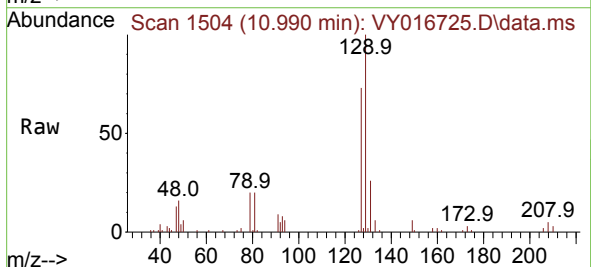
Instrument :
MSVOA_Y
ClientSampleId :

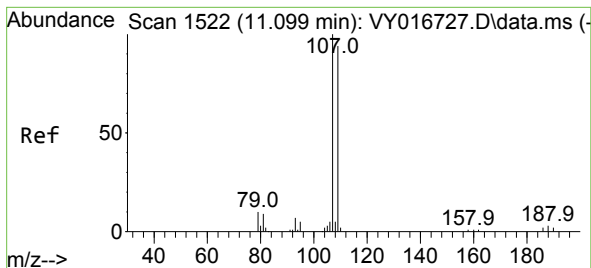
Tgt Ion: 43 Resp: 44365
Ion Ratio Lower Upper
43 100
58 54.6 28.1 84.3



#60
Dibromochloromethane
Concen: 9.700 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 129 Resp: 16561
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6

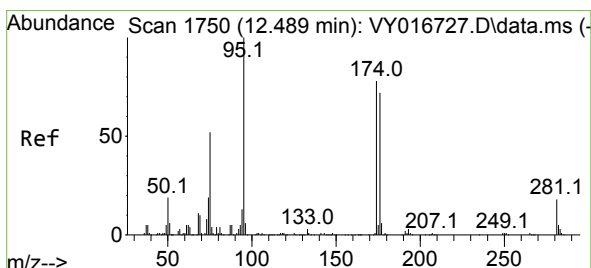
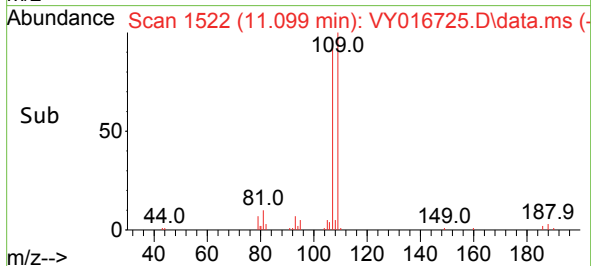
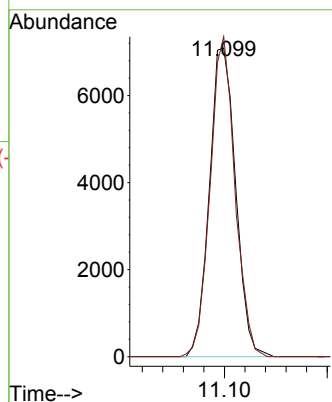
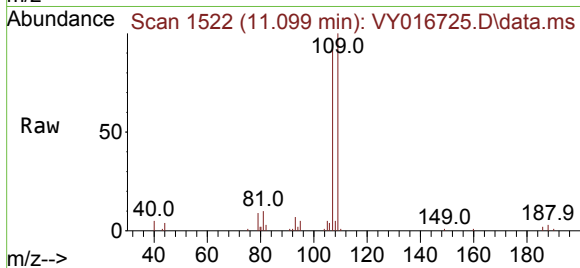




#61
1,2-Dibromoethane
Concen: 9.500 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

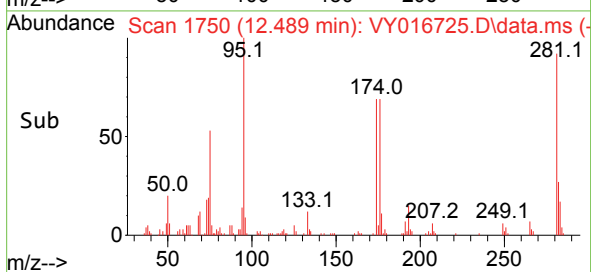
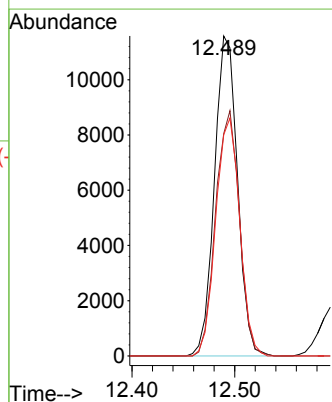
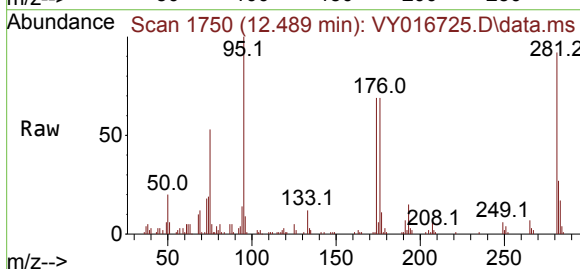
Instrument :
MSVOA_Y
ClientSampleId :

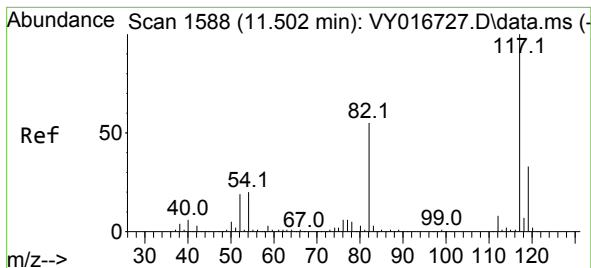
Tgt Ion:107 Resp: 12573
Ion Ratio Lower Upper
107 100
109 97.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 9.008 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 95 Resp: 18025
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 77.4 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: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

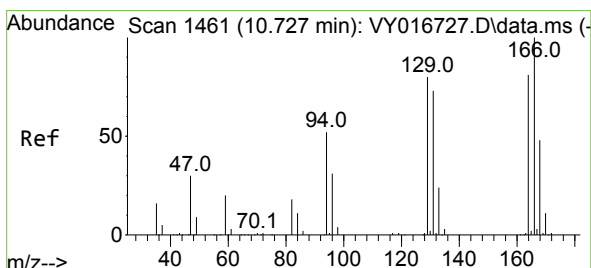
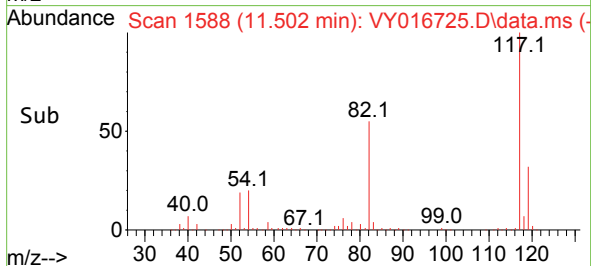
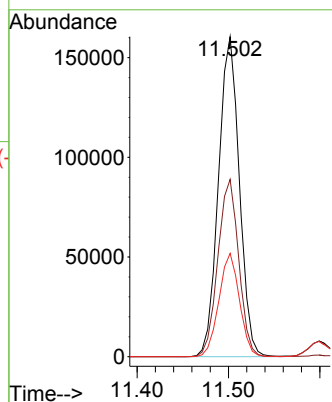
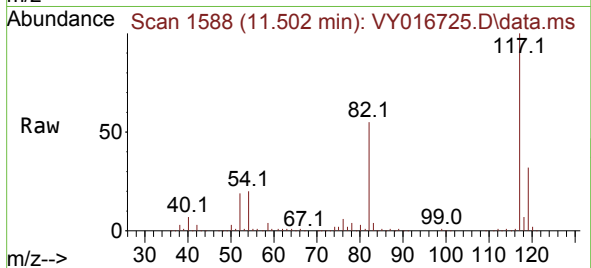
Tgt Ion:117 Resp: 254897

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

119 32.3 26.5 39.7



#64

Tetrachloroethene

Concen: 9.634 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Tgt Ion:164 Resp: 15254

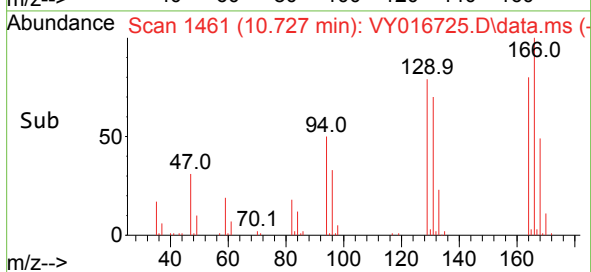
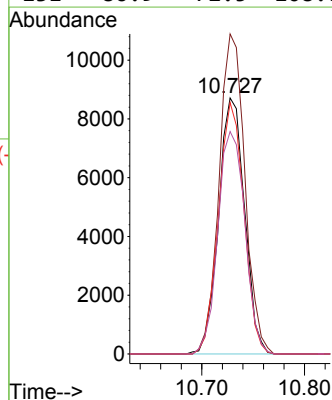
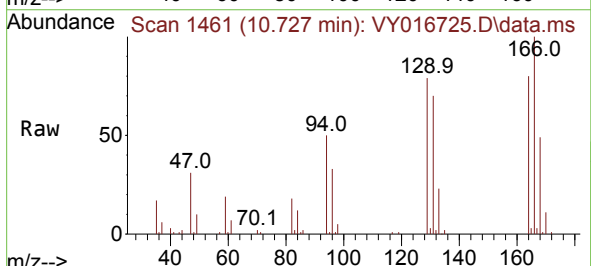
Ion Ratio Lower Upper

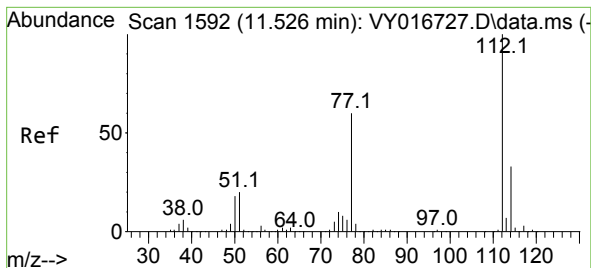
164 100

166 125.0 98.8 148.2

129 98.1 78.9 118.3

131 86.9 72.5 108.7





#65

Chlorobenzene

Concen: 9.613 ug/l

RT: 11.526 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

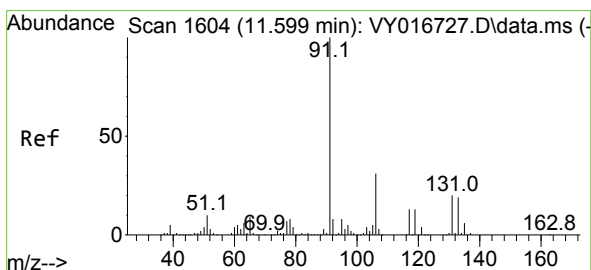
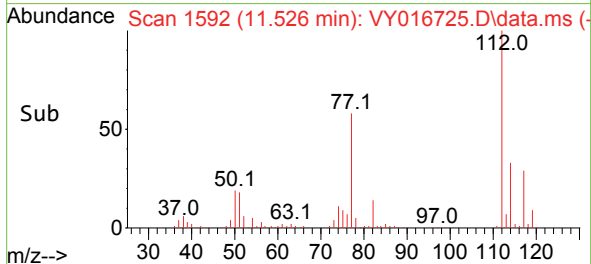
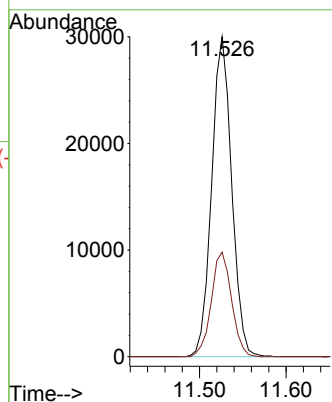
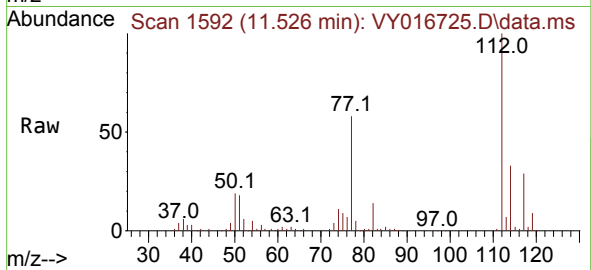
ClientSampleId :

Tgt Ion:112 Resp: 48141

Ion Ratio Lower Upper

112 100

114 32.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 9.536 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

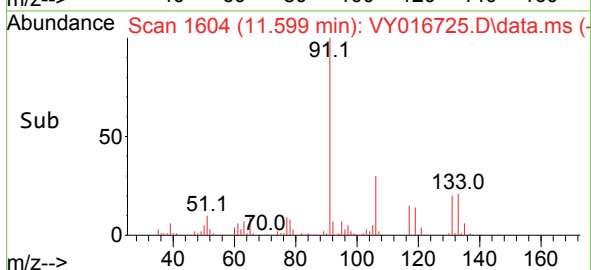
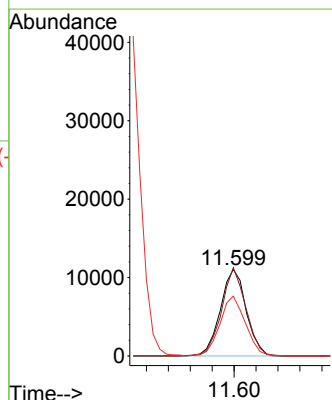
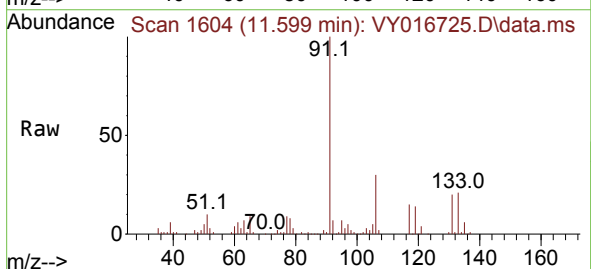
Tgt Ion:131 Resp: 17968

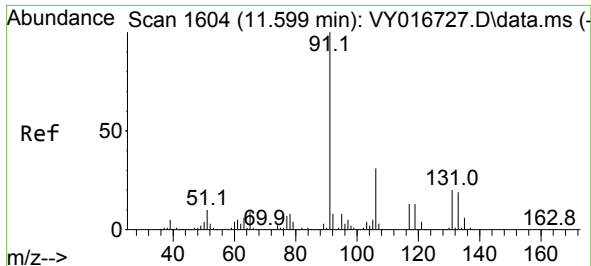
Ion Ratio Lower Upper

131 100

133 96.3 47.0 141.0

119 68.7 33.3 99.9





#67

Ethyl Benzene

Concen: 9.333 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

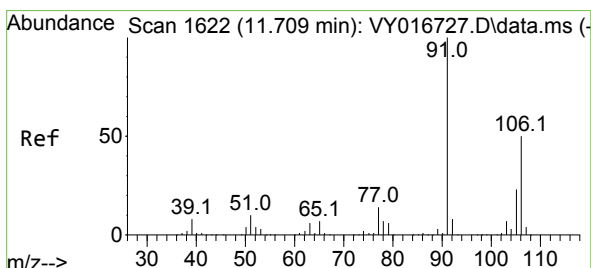
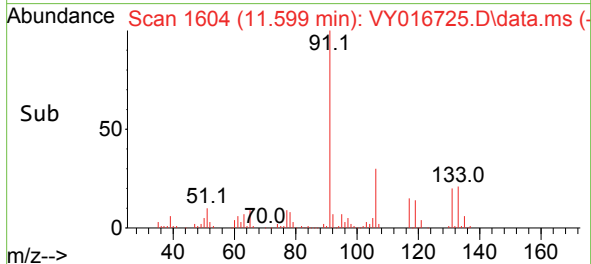
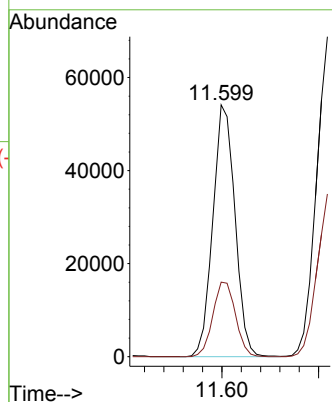
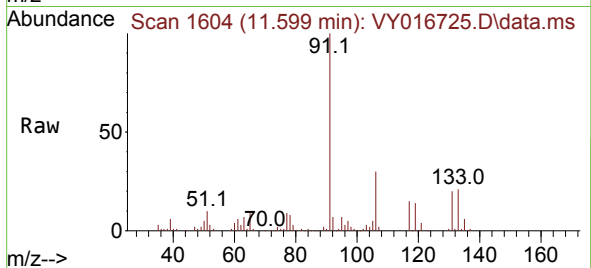
ClientSampleId :

Tgt Ion: 91 Resp: 86032

Ion Ratio Lower Upper

91 100

106 29.6 25.0 37.4



#68

m/p-Xylenes

Concen: 18.659 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016725.D

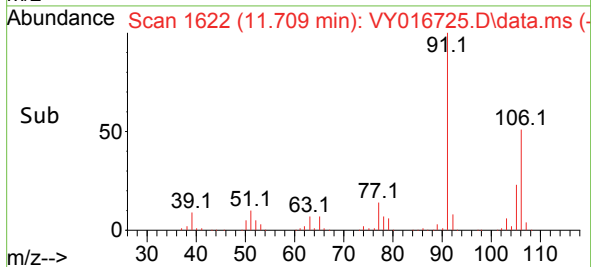
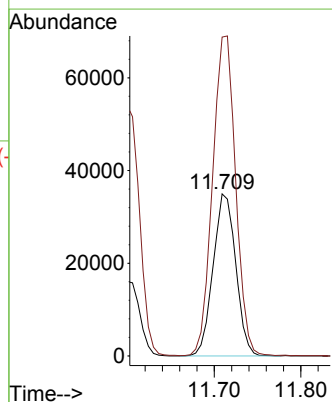
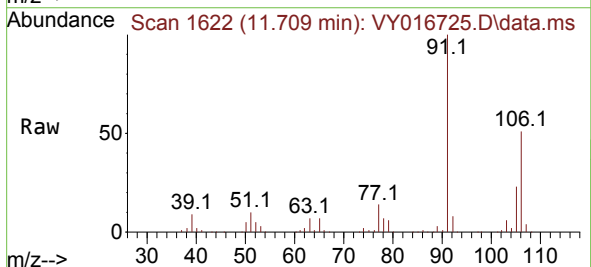
Acq: 20 Dec 2023 15:24

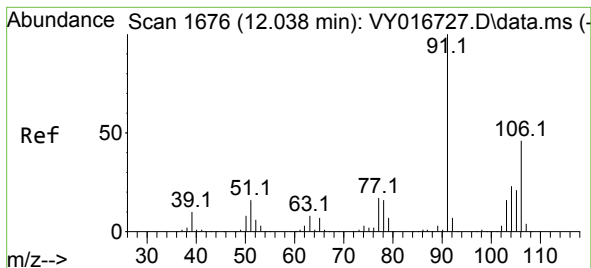
Tgt Ion: 106 Resp: 63512

Ion Ratio Lower Upper

106 100

91 201.8 160.7 241.1





#69

o-Xylene

Concen: 9.100 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

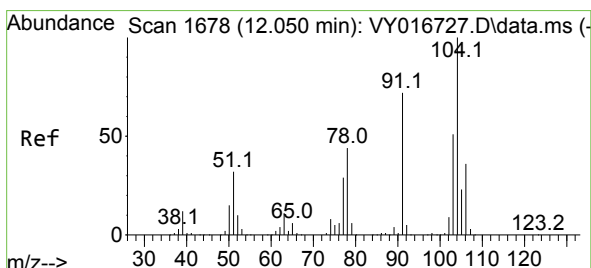
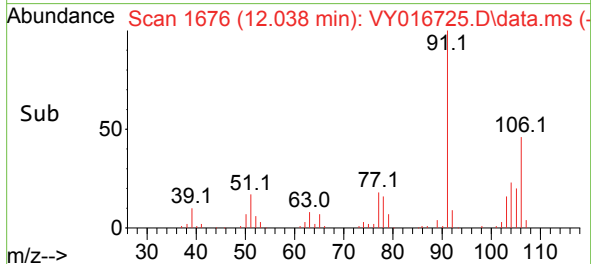
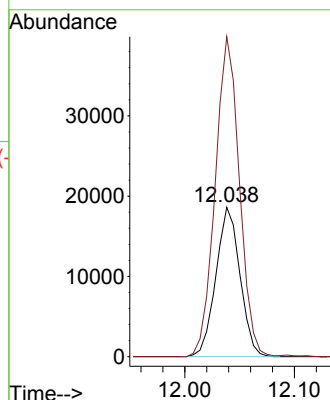
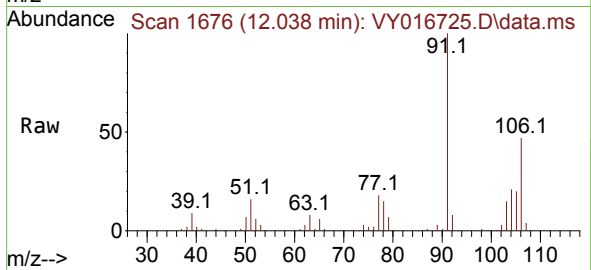
ClientSampleId :

Tgt Ion:106 Resp: 28417

Ion Ratio Lower Upper

106 100

91 215.4 106.5 319.5



#70

Styrene

Concen: 9.107 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

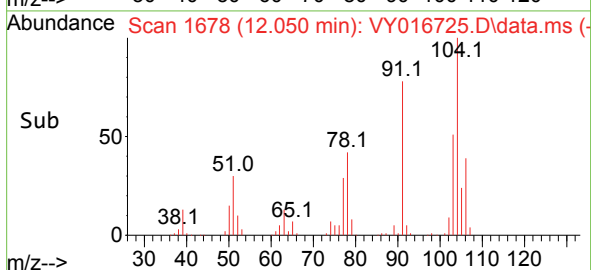
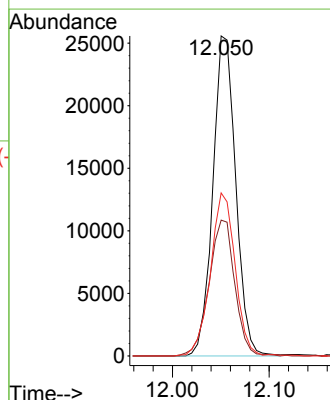
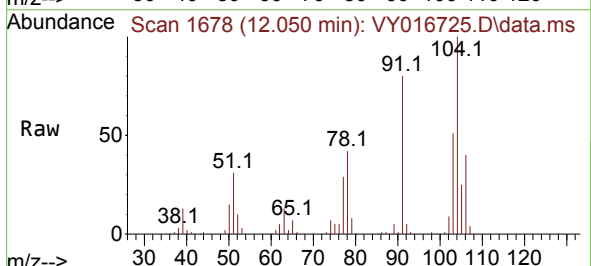
Tgt Ion:104 Resp: 42081

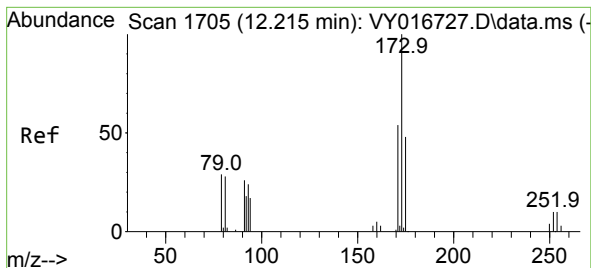
Ion Ratio Lower Upper

104 100

78 47.7 39.2 58.8

103 55.1 43.8 65.6





#71

Bromoform

Concen: 9.689 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY016725.D

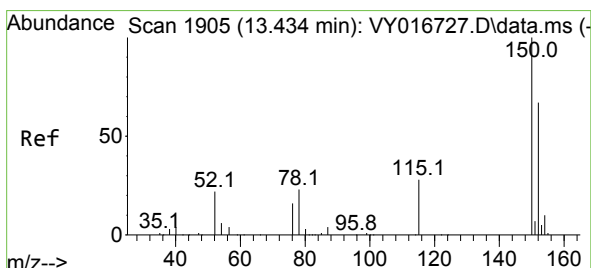
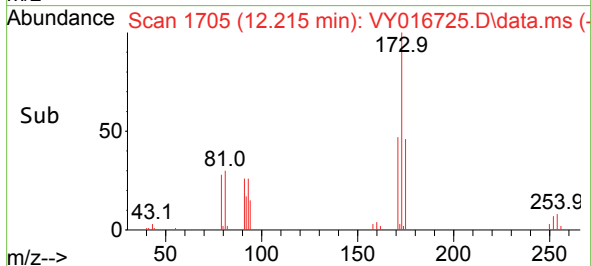
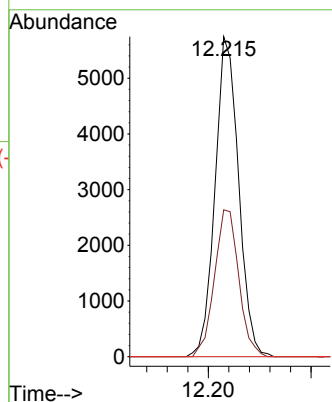
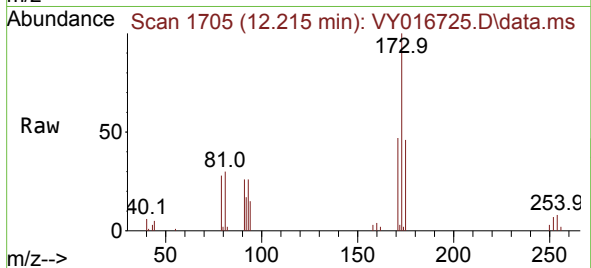
Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	9102
Ion Ratio	Lower	Upper	
173	100		
175	47.6	23.5	70.6
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

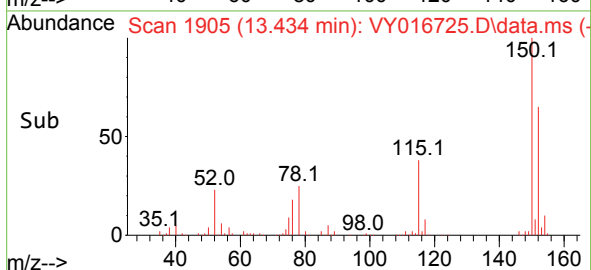
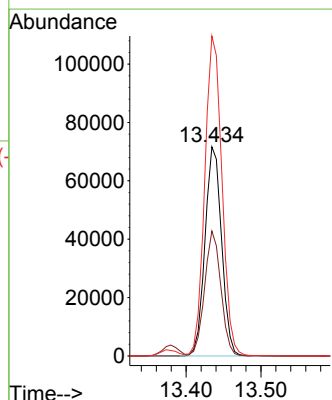
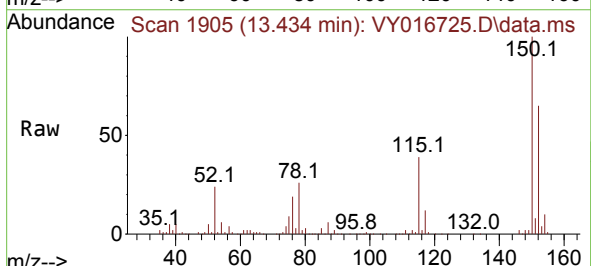
RT: 13.434 min Scan# 1905

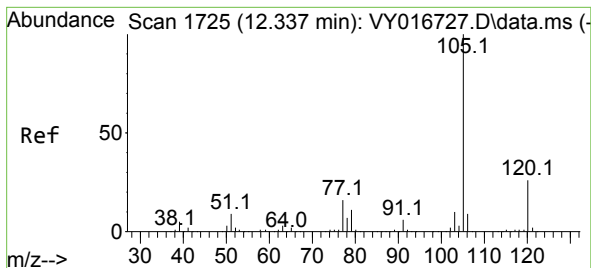
Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Tgt Ion:	152	Resp:	110310
Ion Ratio	Lower	Upper	
152	100		
115	58.5	30.0	90.0
150	158.4	0.0	344.6





#73

Isopropylbenzene

Concen: 9.089 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

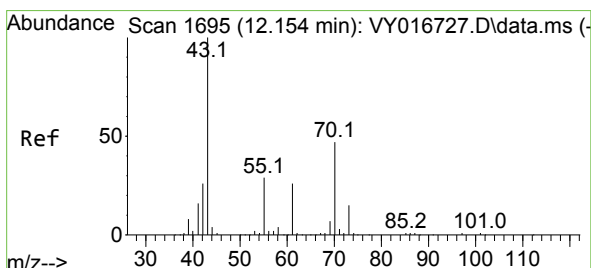
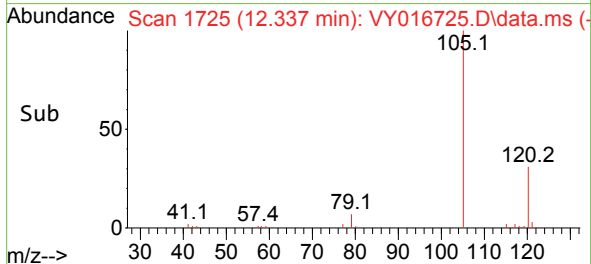
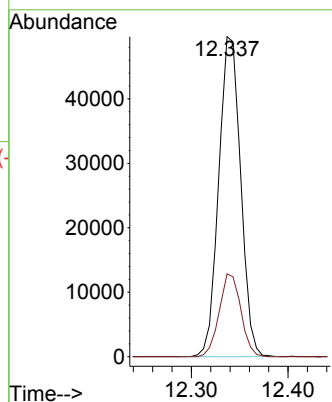
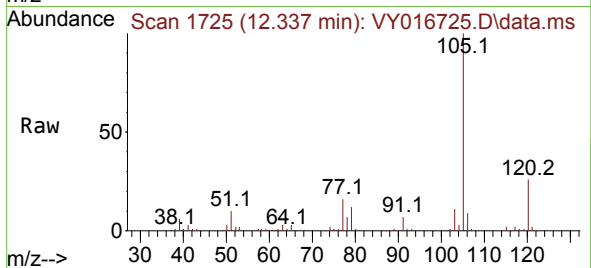
ClientSampleId :

Tgt Ion:105 Resp: 78085

Ion Ratio Lower Upper

105 100

120 25.5 13.0 39.0



#74

N-ethyl acetate

Concen: 8.655 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Tgt Ion: 43 Resp: 15649

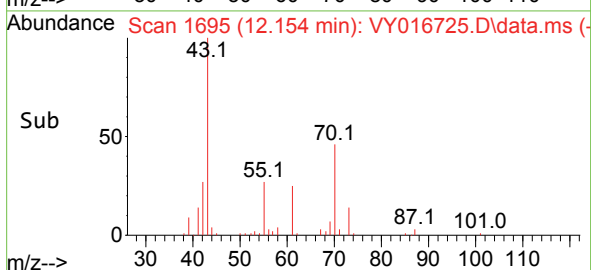
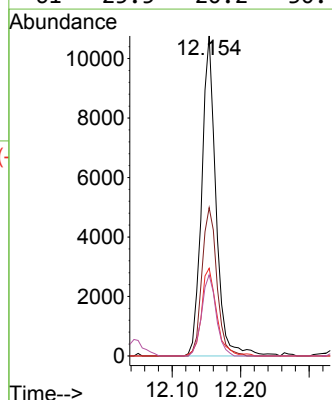
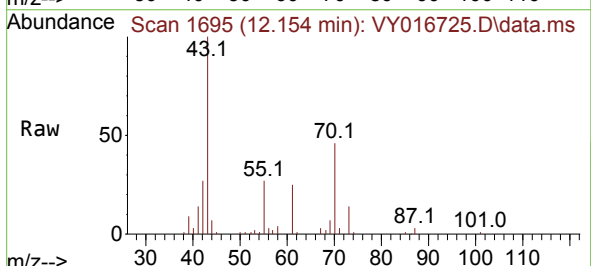
Ion Ratio Lower Upper

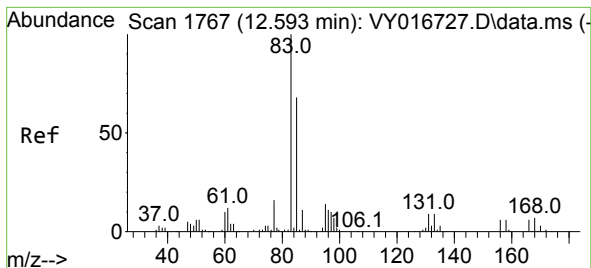
43 100

70 48.4 36.6 55.0

55 29.0 22.2 33.4

61 25.5 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 9.691 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

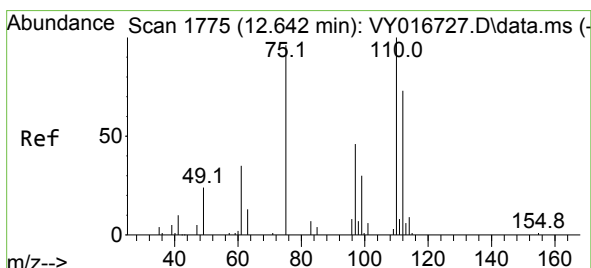
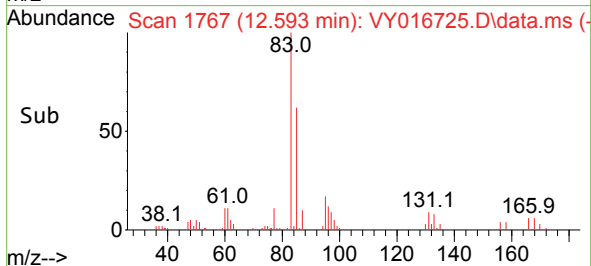
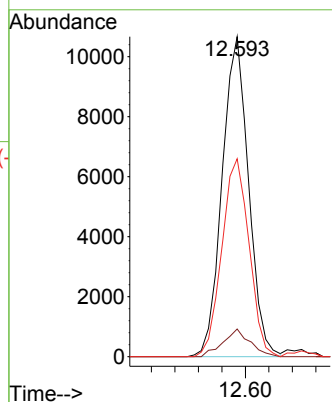
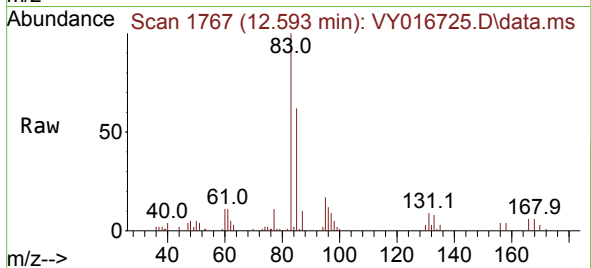
Tgt Ion: 83 Resp: 16637

Ion Ratio Lower Upper

83 100

131 8.9 4.9 14.6

85 63.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 15.785 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016725.D

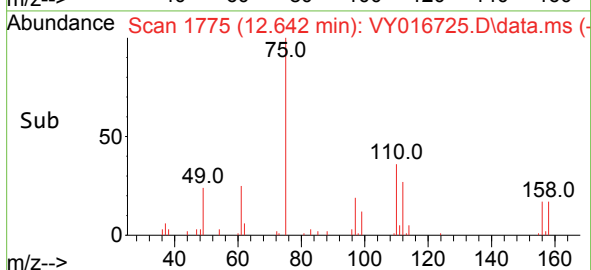
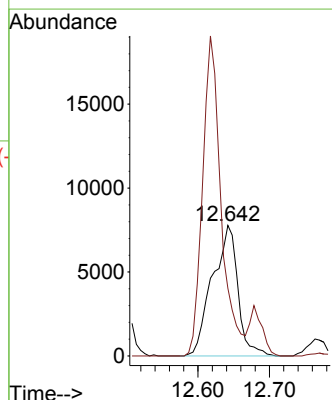
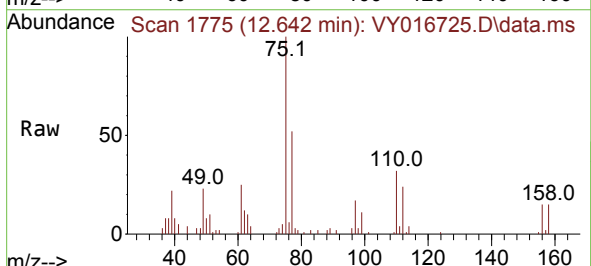
Acq: 20 Dec 2023 15:24

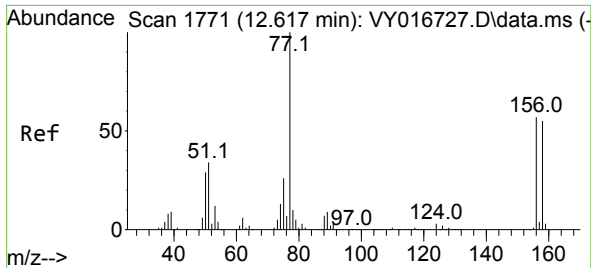
Tgt Ion: 75 Resp: 19278

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

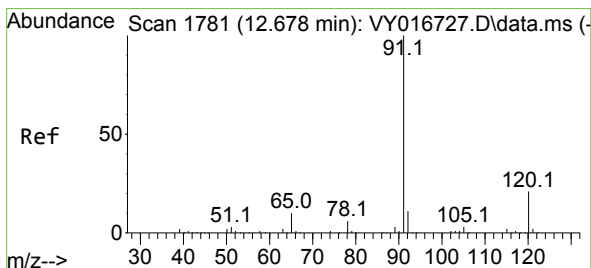
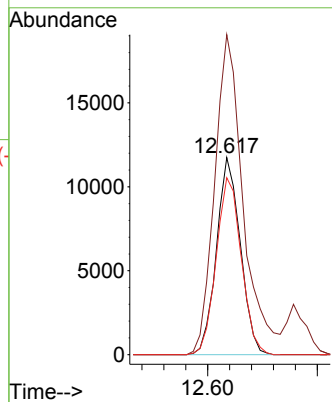
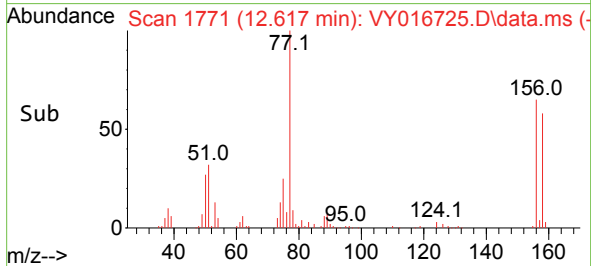
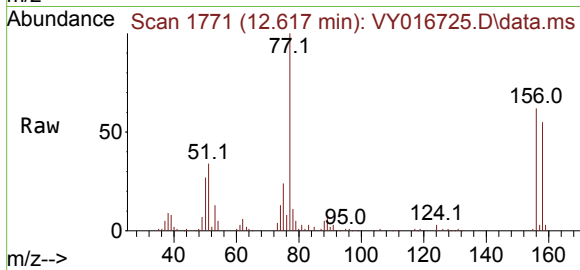




#77
Bromobenzene
Concen: 9.465 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

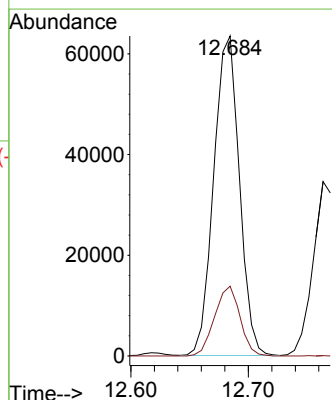
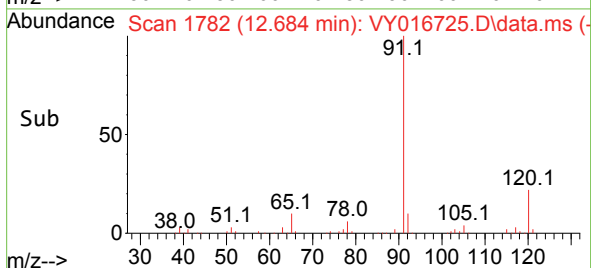
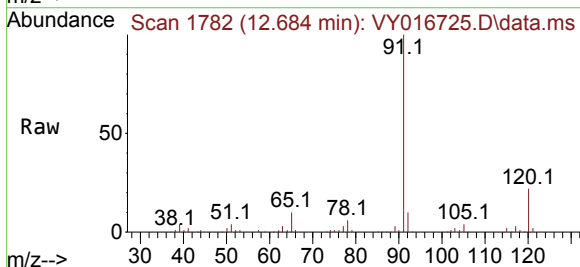
Instrument :
MSVOA_Y
ClientSampleId :

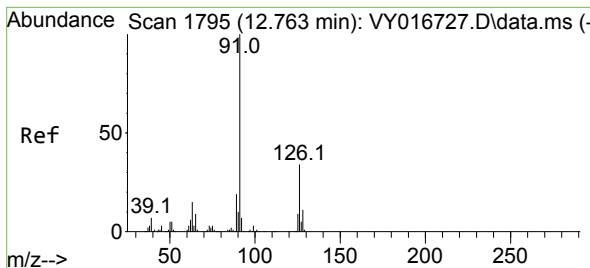
Tgt Ion:156 Resp: 17739
Ion Ratio Lower Upper
156 100
77 194.0 97.3 291.8
158 94.5 48.4 145.0



#78
n-propylbenzene
Concen: 9.244 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 91 Resp: 96222
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0





#79

2-Chlorotoluene

Concen: 9.376 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

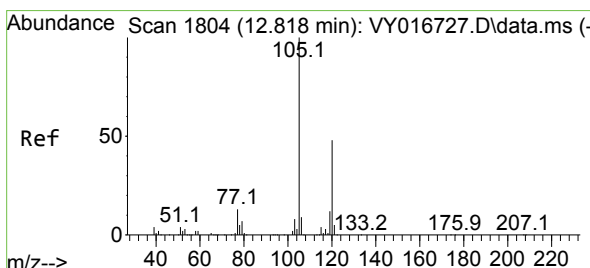
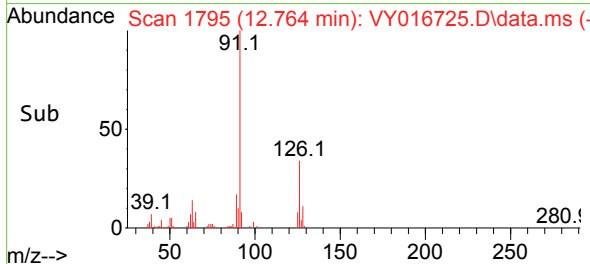
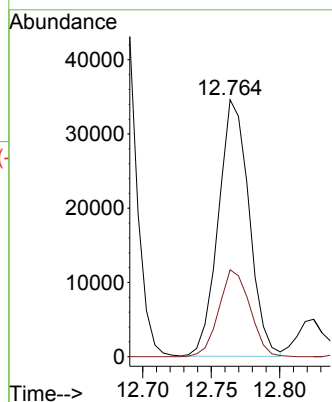
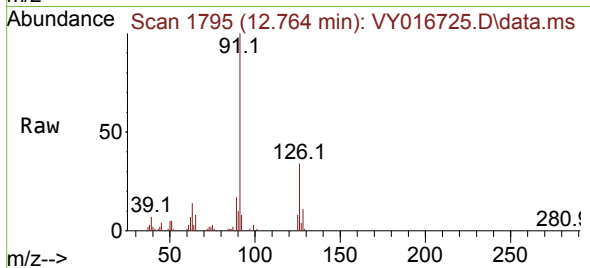
ClientSampleId :

Tgt Ion: 91 Resp: 54004

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 9.179 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016725.D

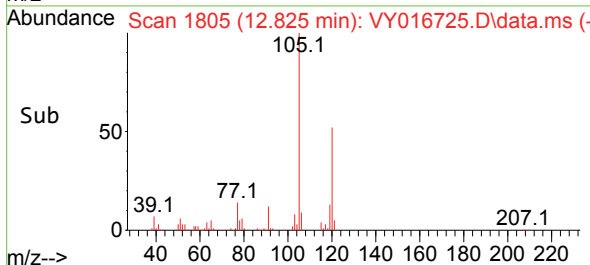
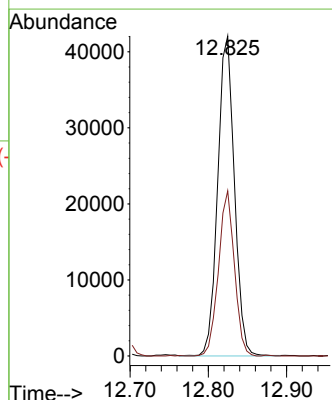
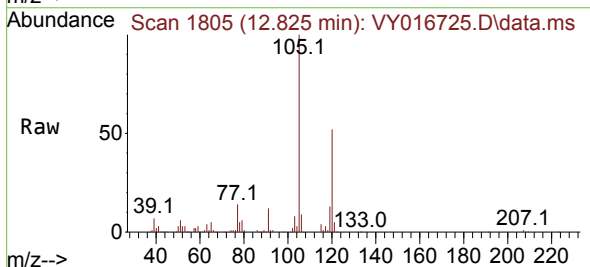
Acq: 20 Dec 2023 15:24

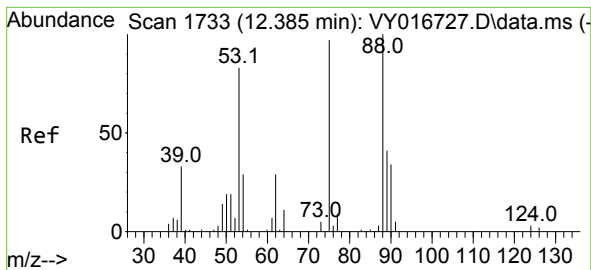
Tgt Ion: 105 Resp: 62424

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

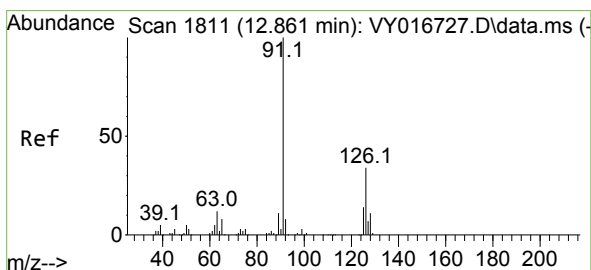
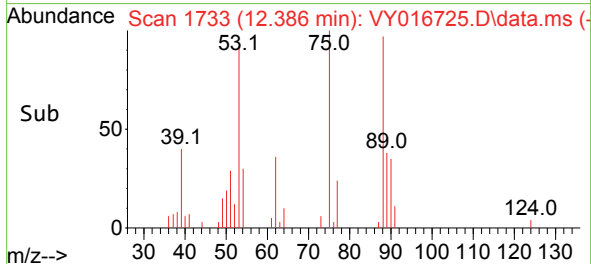
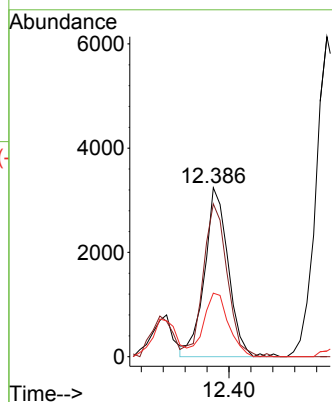
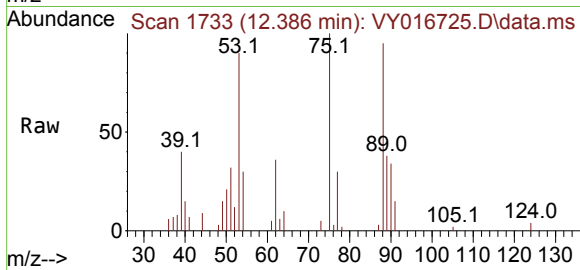




#81
trans-1,4-Dichloro-2-butene
Concen: 9.365 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

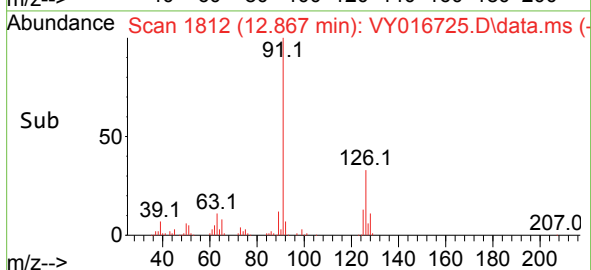
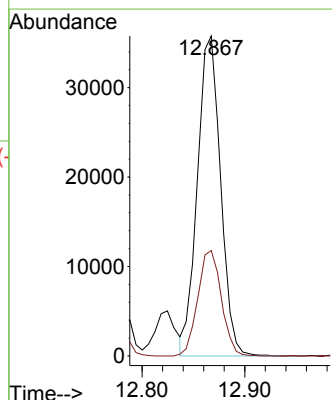
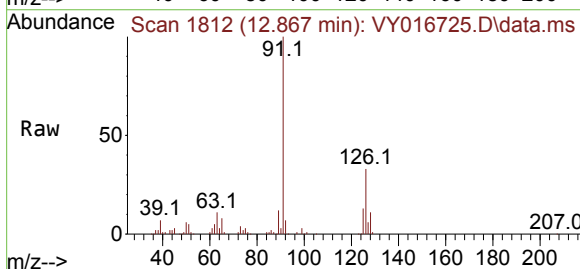
Instrument :
MSVOA_Y
ClientSampleId :

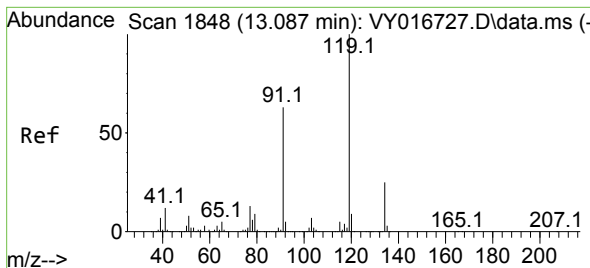
Tgt Ion: 75 Resp: 4863
Ion Ratio Lower Upper
75 100
53 91.7 74.0 111.0
89 39.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 9.506 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016725.D
Acq: 20 Dec 2023 15:24

Tgt Ion: 91 Resp: 56168
Ion Ratio Lower Upper
91 100
126 33.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 9.424 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

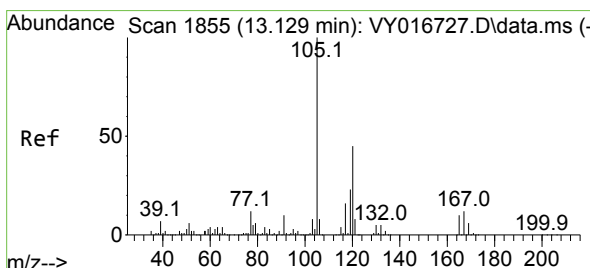
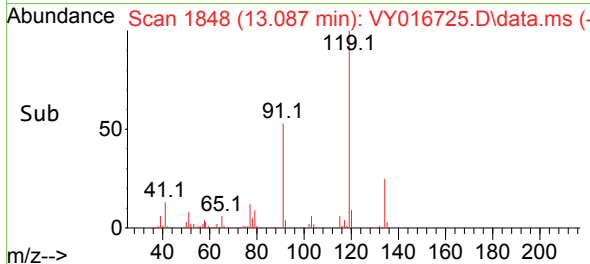
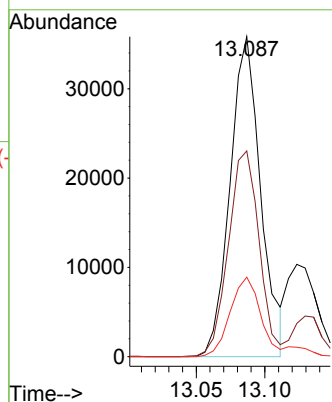
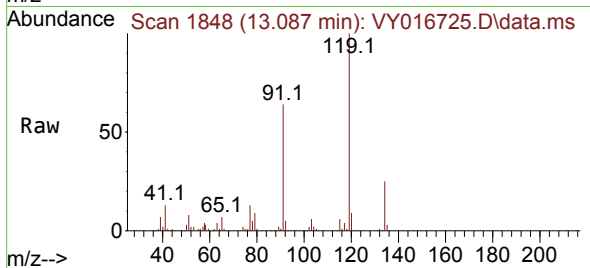
Tgt Ion:119 Resp: 55747

Ion Ratio Lower Upper

119 100

91 64.5 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 9.213 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016725.D

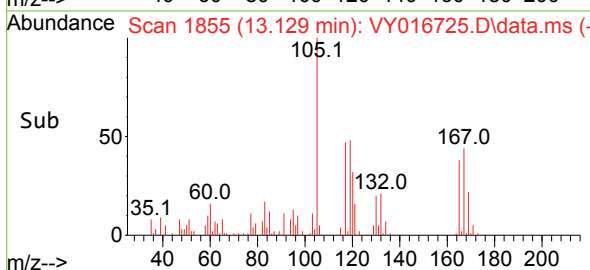
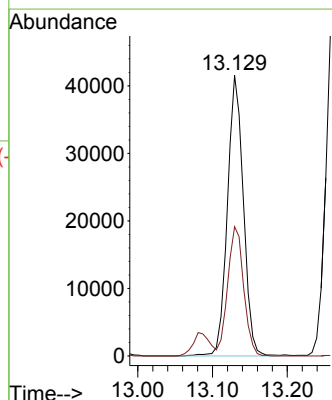
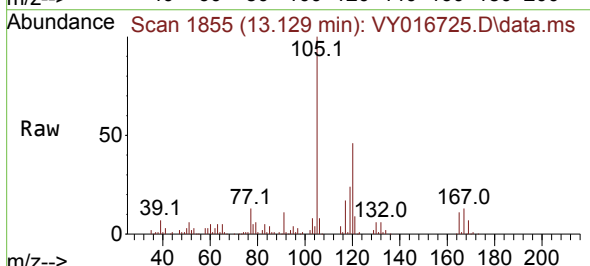
Acq: 20 Dec 2023 15:24

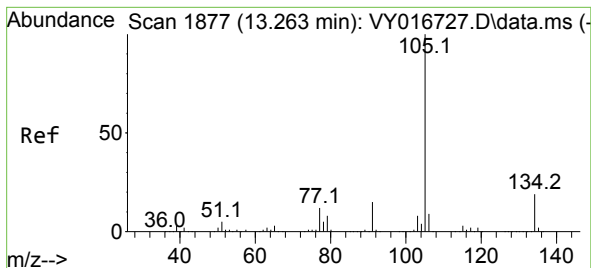
Tgt Ion:105 Resp: 61779

Ion Ratio Lower Upper

105 100

120 46.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 9.443 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

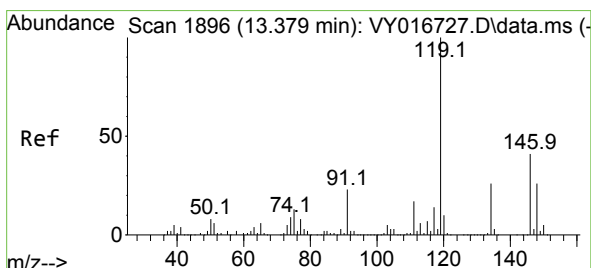
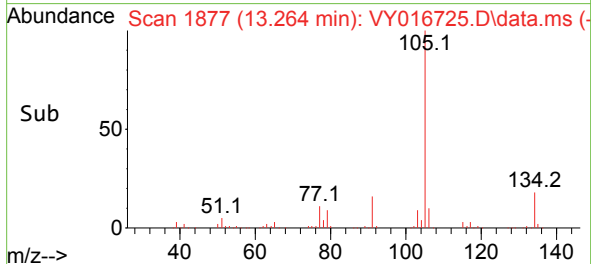
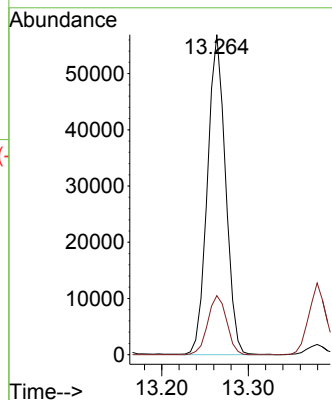
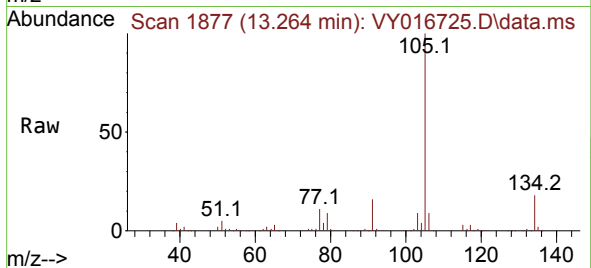
ClientSampleId :

Tgt Ion:105 Resp: 82738

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 9.168 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

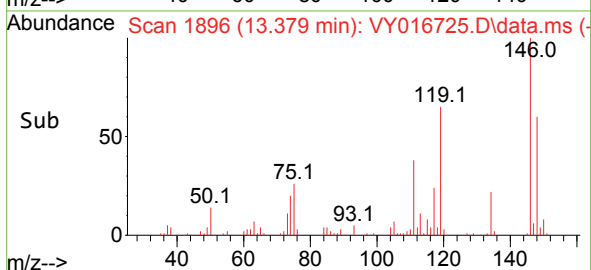
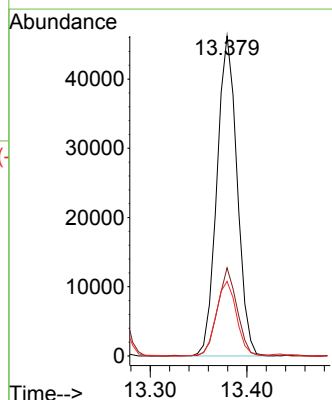
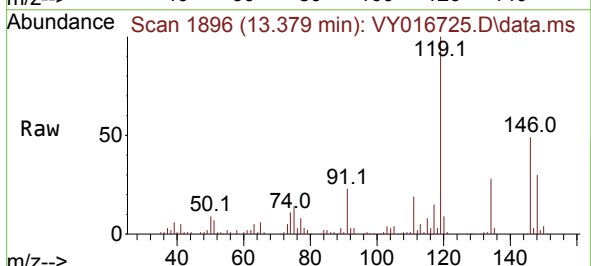
Tgt Ion:119 Resp: 66896

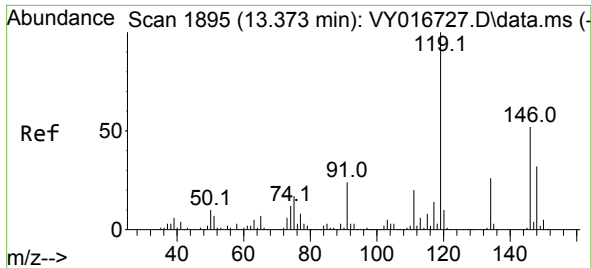
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 23.8 11.7 35.0

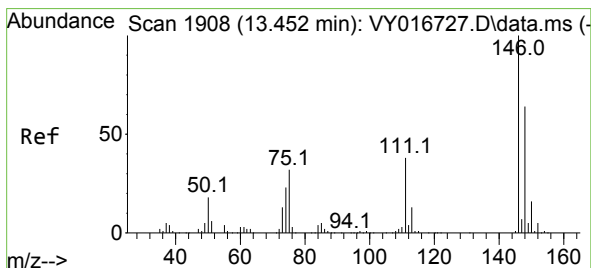
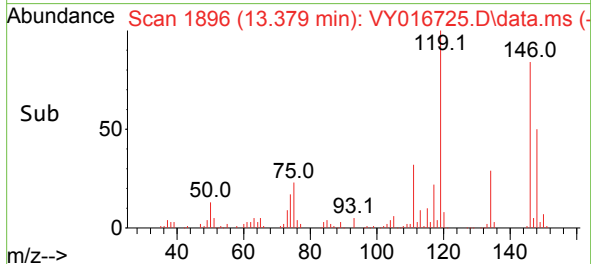
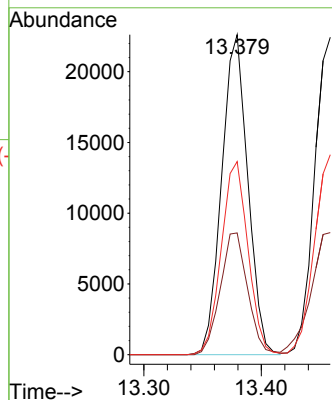
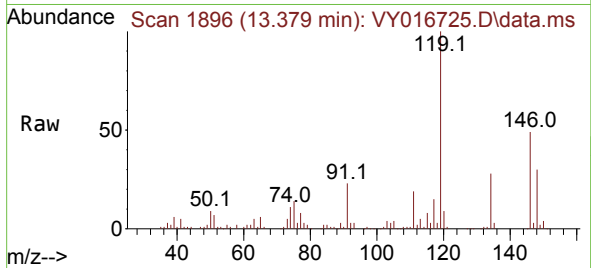




#87
 1,3-Dichlorobenzene
 Concen: 9.554 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY016725.D
 Acq: 20 Dec 2023 15:24

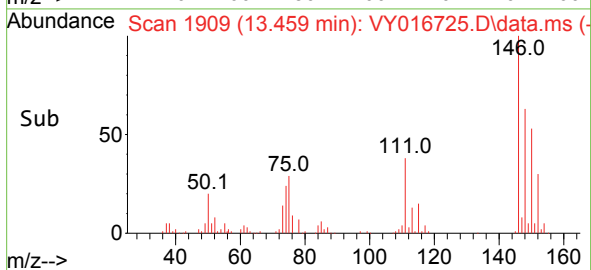
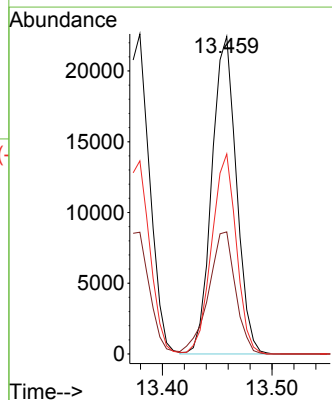
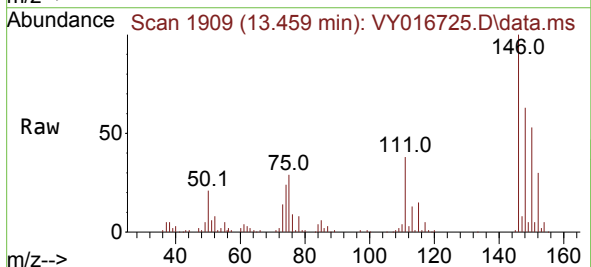
Instrument :
 MSVOA_Y
 ClientSampleId :

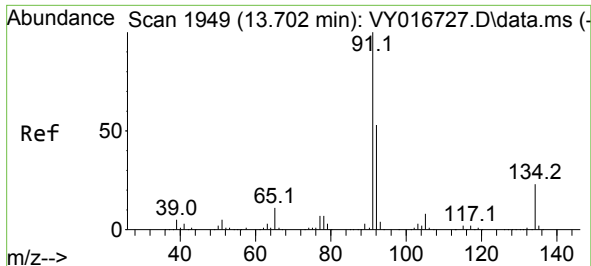
Tgt Ion:146 Resp: 34994
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.5
 148 61.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 9.762 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016725.D
 Acq: 20 Dec 2023 15:24

Tgt Ion:146 Resp: 34915
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.3 57.9
 148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 9.188 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

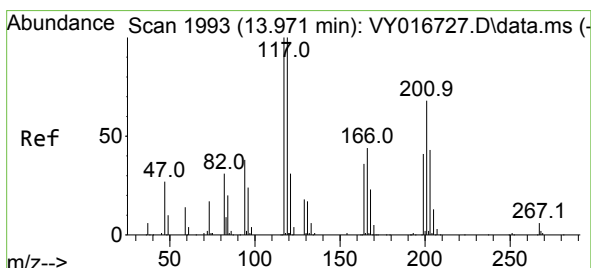
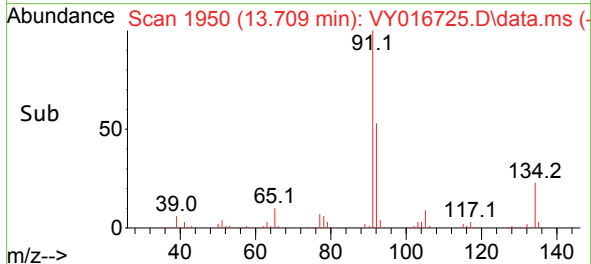
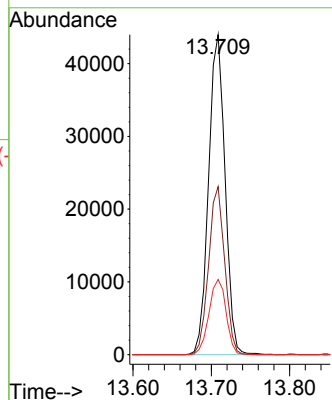
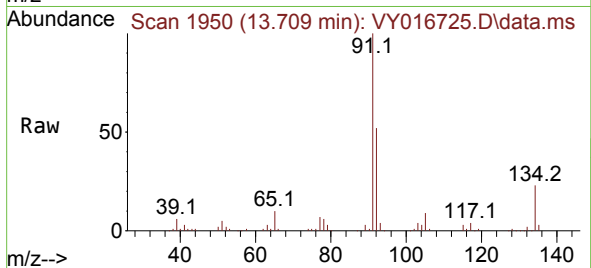
Tgt Ion: 91 Resp: 64090

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 9.832 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016725.D

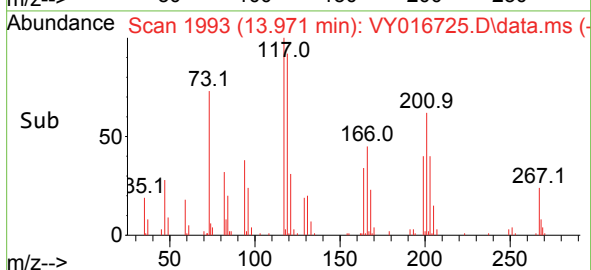
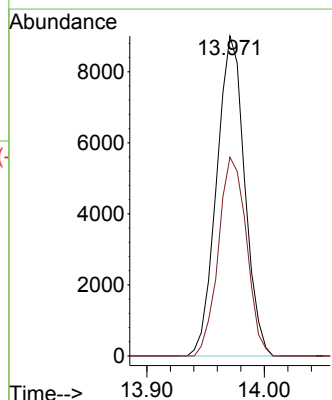
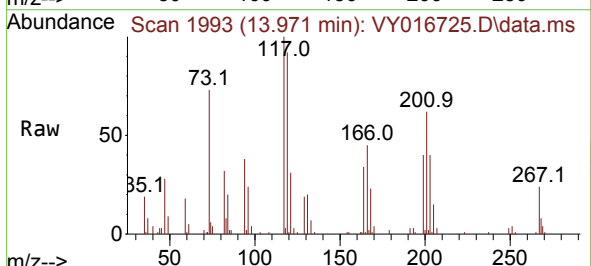
Acq: 20 Dec 2023 15:24

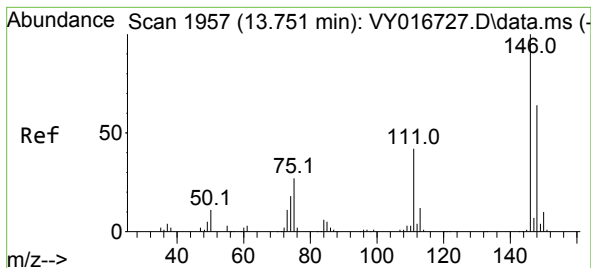
Tgt Ion: 117 Resp: 14938

Ion Ratio Lower Upper

117 100

201 62.2 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 9.587 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

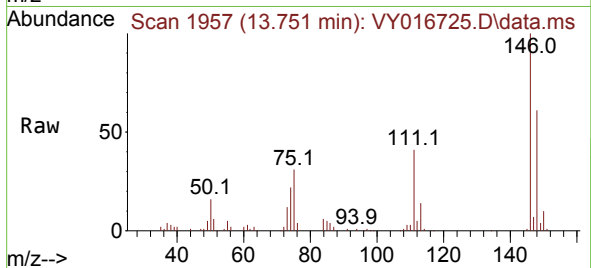
Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :



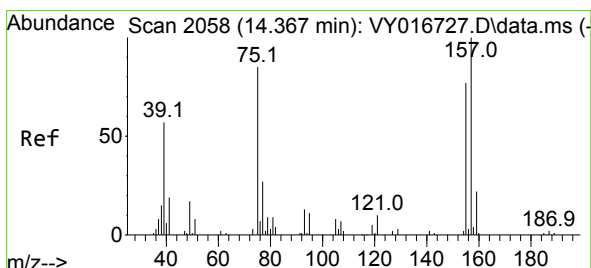
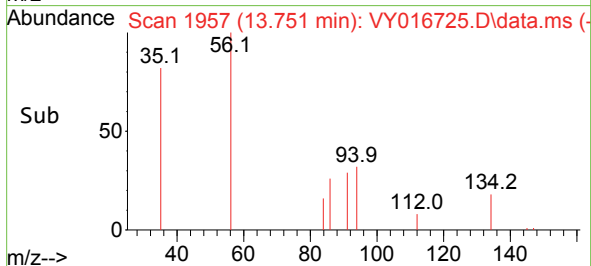
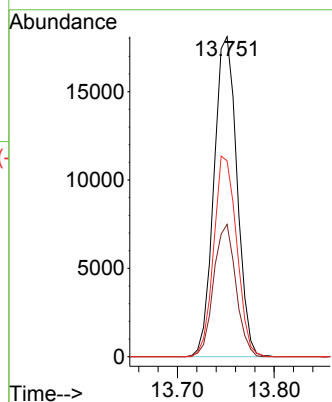
Tgt Ion:146 Resp: 29915

Ion Ratio Lower Upper

146 100

111 40.1 20.5 61.6

148 62.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.306 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

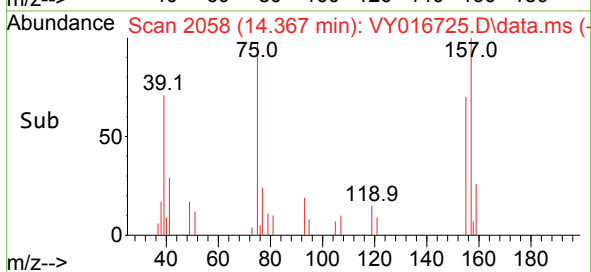
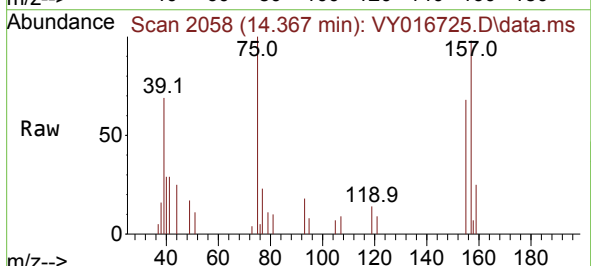
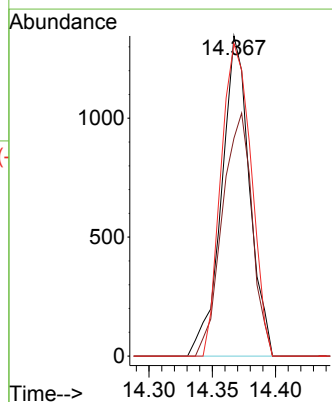
Tgt Ion: 75 Resp: 2071

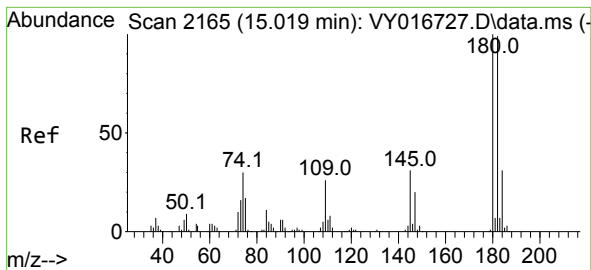
Ion Ratio Lower Upper

75 100

155 80.9 42.1 126.3

157 105.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 8.891 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

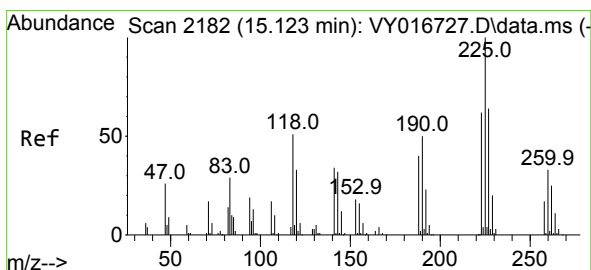
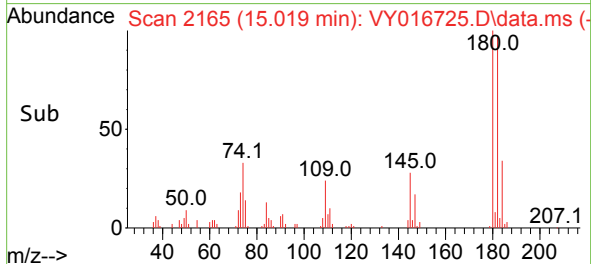
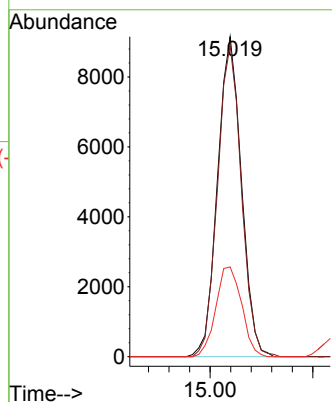
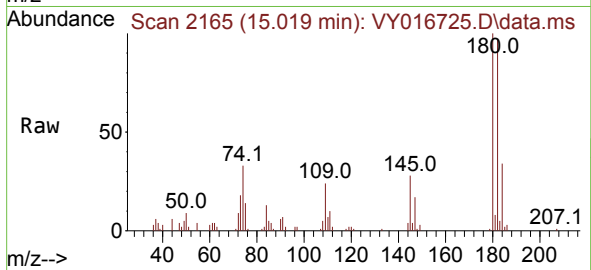
Tgt Ion:180 Resp: 14720

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.7

145 30.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 9.580 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

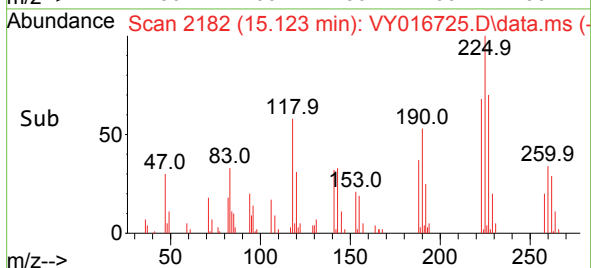
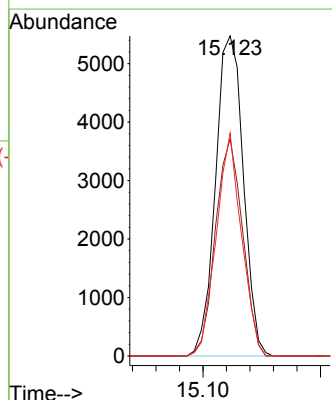
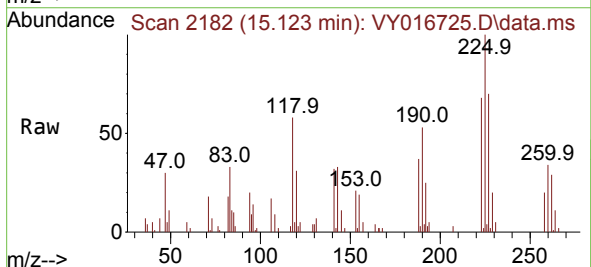
Tgt Ion:225 Resp: 9009

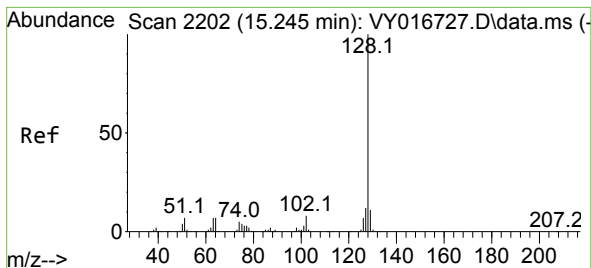
Ion Ratio Lower Upper

225 100

223 66.3 31.4 94.3

227 63.3 32.3 96.8





#95

Naphthalene

Concen: 10.239 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016725.D

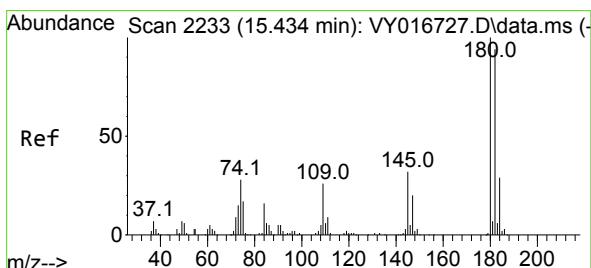
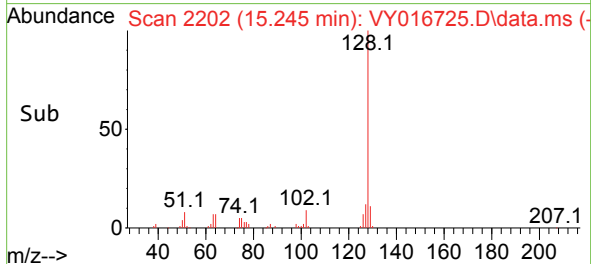
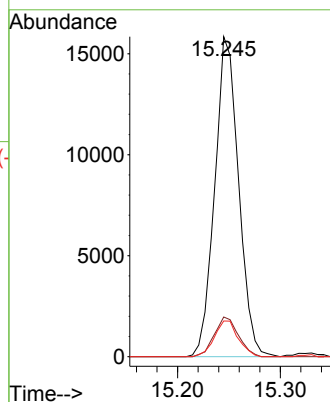
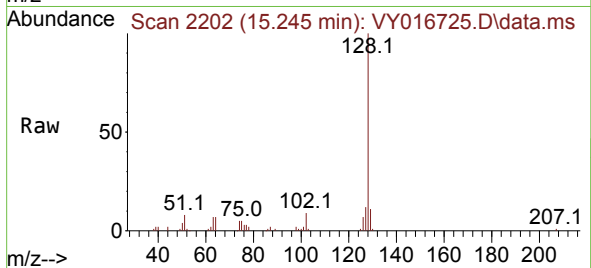
Acq: 20 Dec 2023 15:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	25520
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.2 15.4
129	11.2	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 8.990 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016725.D

Acq: 20 Dec 2023 15:24

Tgt Ion:180	Resp:	12677
Ion Ratio	Lower	Upper
180	100	
182	97.8	46.3 138.8
145	32.3	16.1 48.2

