

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016605.D
 Acq On : 05 Dec 2023 19:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 06 02:28:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	203876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	309778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	270217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	127453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	87649	46.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.020%
35) Dibromofluoromethane	7.740	113	84984	45.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.180%
50) Toluene-d8	10.197	98	326528	46.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.620%
62) 4-Bromofluorobenzene	12.495	95	109123	47.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.120%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	81489	45.249	ug/l	98
3) Chloromethane	2.125	50	75955	40.656	ug/l	98
4) Vinyl Chloride	2.266	62	76968	40.796	ug/l	97
5) Bromomethane	2.668	94	52197	44.167	ug/l	98
6) Chloroethane	2.814	64	49667	42.619	ug/l	90
7) Trichlorofluoromethane	3.143	101	173881	48.752	ug/l	97
8) Diethyl Ether	3.546	74	46396	46.707	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.924	101	91291	45.771	ug/l	97
10) Methyl Iodide	4.113	142	106982	50.766	ug/l	99
11) Tert butyl alcohol	4.978	59	28294	220.377	ug/l #	82
12) 1,1-Dichloroethene	3.899	96	85340	47.101	ug/l	89
13) Acrolein	3.747	56	35764	191.605	ug/l	99
14) Allyl chloride	4.509	41	120434	43.556	ug/l #	89
15) Acrylonitrile	5.186	53	89083	222.195	ug/l	98
16) Acetone	3.966	43	82993	194.631	ug/l	97
17) Carbon Disulfide	4.223	76	232534	45.776	ug/l	100
18) Methyl Acetate	4.503	43	76115	45.032	ug/l #	87
19) Methyl tert-butyl Ether	5.241	73	223910	50.273	ug/l	97
20) Methylene Chloride	4.741	84	94883	50.508	ug/l	87
21) trans-1,2-Dichloroethene	5.253	96	96754	47.487	ug/l	91
22) Diisopropyl ether	6.143	45	257914	45.354	ug/l #	90
23) Vinyl Acetate	6.088	43	601745	220.422	ug/l #	93
24) 1,1-Dichloroethane	6.045	63	162618	46.546	ug/l	96
25) 2-Butanone	7.009	43	112491	191.850	ug/l	94
26) 2,2-Dichloropropane	7.009	77	161808	49.265	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	110630	49.328	ug/l	91
28) Bromochloromethane	7.356	49	65666	46.403	ug/l #	74
29) Tetrahydrofuran	7.374	42	71389	213.549	ug/l #	87
30) Chloroform	7.527	83	183595	49.299	ug/l	98
31) Cyclohexane	7.807	56	131848	40.986	ug/l	91
32) 1,1,1-Trichloroethane	7.728	97	178989	50.785	ug/l	97
36) 1,1-Dichloropropene	7.941	75	133192	47.000	ug/l	98
37) Ethyl Acetate	7.094	43	51019	43.025	ug/l	97
38) Carbon Tetrachloride	7.923	117	166761	50.831	ug/l	98
39) Methylcyclohexane	9.203	83	160416	46.983	ug/l	90
40) Benzene	8.179	78	379762	47.544	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	28520	41.644	ug/l	98
42) 1,2-Dichloroethane	8.258	62	116022	50.024	ug/l	97
43) Isopropyl Acetate	8.289	43	100710	44.026	ug/l #	90
44) Trichloroethene	8.959	130	119654	49.673	ug/l	97
45) 1,2-Dichloropropane	9.234	63	87591	45.548	ug/l	95
46) Dibromomethane	9.319	93	51583	48.929	ug/l	95
47) Bromodichloromethane	9.514	83	139626	49.748	ug/l	98
48) Methyl methacrylate	9.307	41	59829	45.287	ug/l	91
49) 1,4-Dioxane	9.319	88	10129	949.236	ug/l #	63
51) 4-Methyl-2-Pentanone	10.081	43	259938	218.655	ug/l	93
52) Toluene	10.258	92	249885	49.915	ug/l	92
53) t-1,3-Dichloropropene	10.477	75	132386	49.980	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	150522	48.386	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	70666	48.120	ug/l	92
56) Ethyl methacrylate	10.526	69	66234	49.204	ug/l	89
57) 1,3-Dichloropropane	10.807	76	118177	47.637	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	164288	198.045	ug/l #	86
59) 2-Hexanone	10.843	43	186199	207.046	ug/l	93
60) Dibromochloromethane	11.002	129	99480	50.699	ug/l	100
61) 1,2-Dibromoethane	11.105	107	67762	49.059	ug/l	99
64) Tetrachloroethene	10.734	164	126788	51.197	ug/l	98
65) Chlorobenzene	11.532	112	274994	50.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	110112	51.475	ug/l	98
67) Ethyl Benzene	11.605	91	480206	48.923	ug/l	98
68) m/p-Xylenes	11.715	106	371482	99.694	ug/l	95
69) o-Xylene	12.044	106	177867	51.133	ug/l	96
70) Styrene	12.056	104	254614	51.016	ug/l	100
71) Bromoform	12.221	173	59845	51.810	ug/l	99
73) Isopropylbenzene	12.343	105	483690	51.252	ug/l	98
74) N-amyl acetate	12.154	43	84099	44.690	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	68576	45.685	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	97345	84.551	ug/l #	100
77) Bromobenzene	12.623	156	116442	52.351	ug/l	86
78) n-propylbenzene	12.684	91	542568	49.393	ug/l	95
79) 2-Chlorotoluene	12.770	91	306700	49.548	ug/l	95
80) 1,3,5-Trimethylbenzene	12.825	105	397518	51.837	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	23011	45.086	ug/l	97
82) 4-Chlorotoluene	12.867	91	312211	48.745	ug/l	96
83) tert-Butylbenzene	13.087	119	352871	51.502	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	387223	51.696	ug/l	97
85) sec-Butylbenzene	13.264	105	484169	50.313	ug/l	97
86) p-Isopropyltoluene	13.379	119	427699	51.201	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	216834	51.069	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	210145	50.431	ug/l	99
89) n-Butylbenzene	13.709	91	370039	49.258	ug/l	95
90) Hexachloroethane	13.971	117	81469	49.567	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	185357	50.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	11846	49.315	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	109263	53.117	ug/l	99
94) Hexachlorobutadiene	15.123	225	66806	51.404	ug/l	98
95) Naphthalene	15.251	128	181237	53.944	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	88040	54.299	ug/l	99

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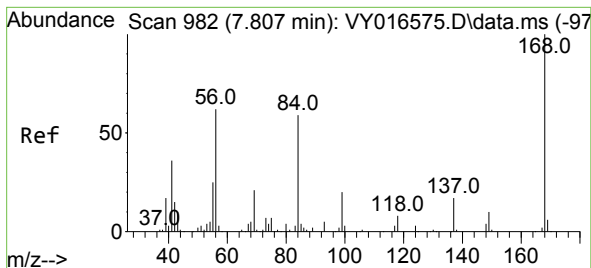
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.813 min Scan# 9

Delta R.T. 0.006 min

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Instrument :

MSVOA_Y

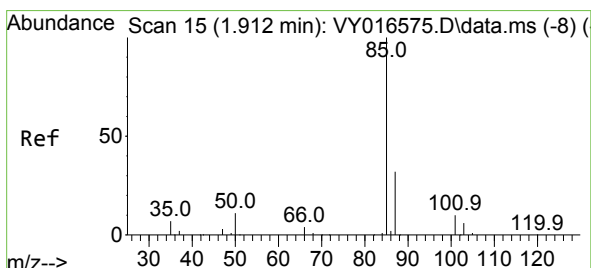
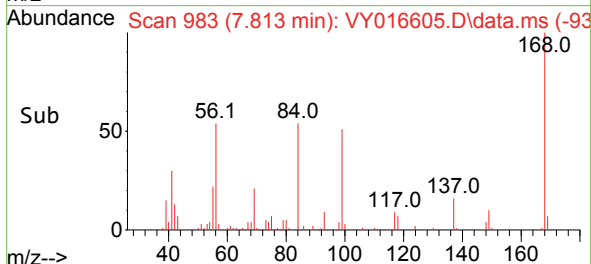
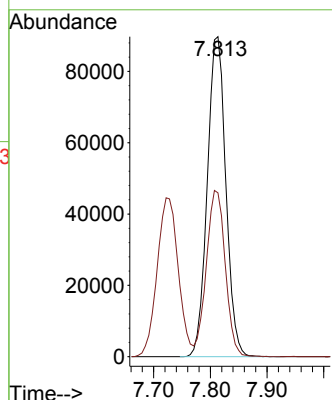
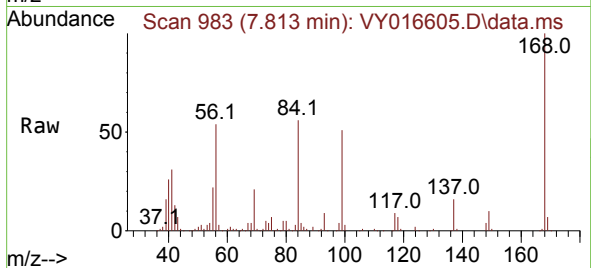
ClientSampleId :

Tgt Ion:168 Resp: 203876

Ion Ratio Lower Upper

168 100

99 51.2 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 45.249 ug/l

RT: 1.912 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY016605.D

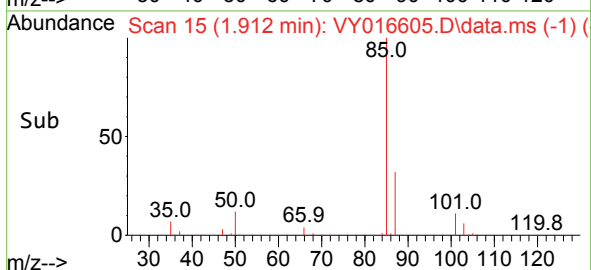
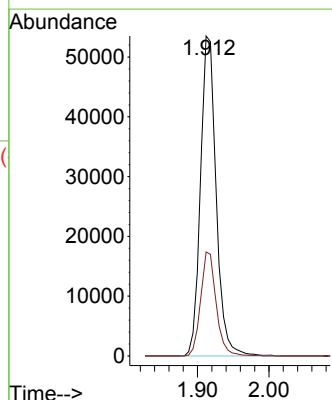
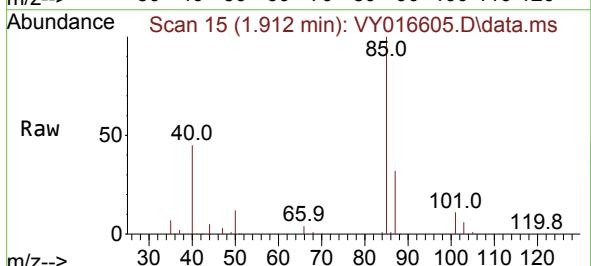
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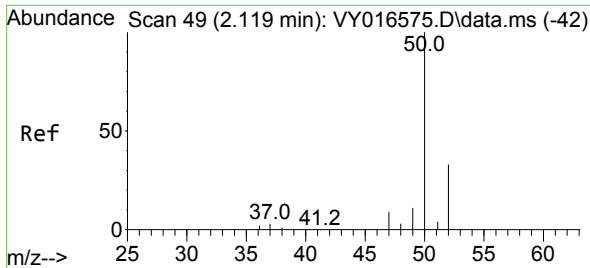
Tgt Ion: 85 Resp: 81489

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8

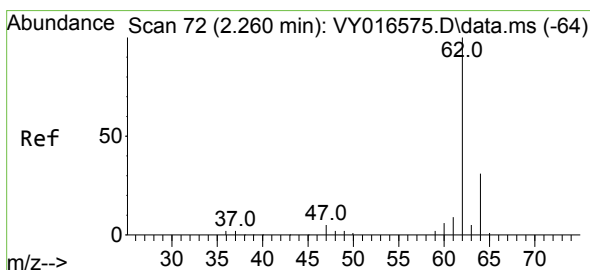
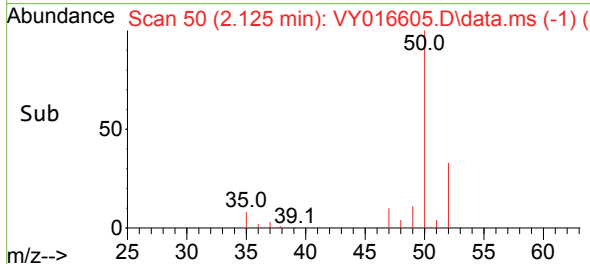
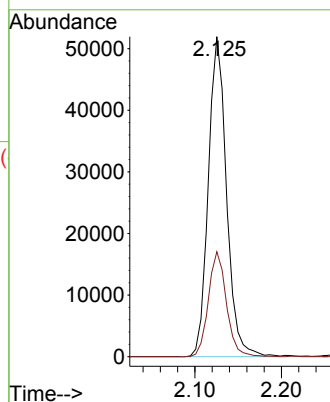
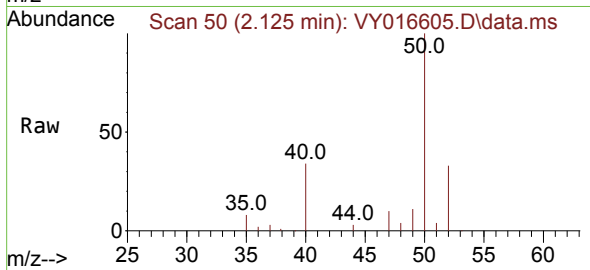




#3
Chloromethane
Concen: 40.656 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
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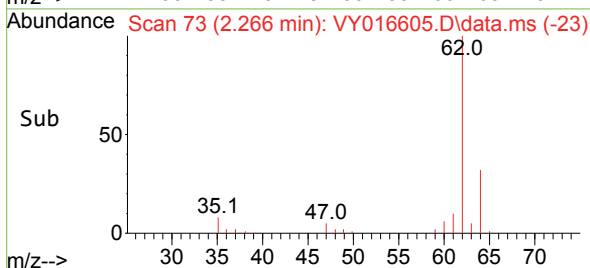
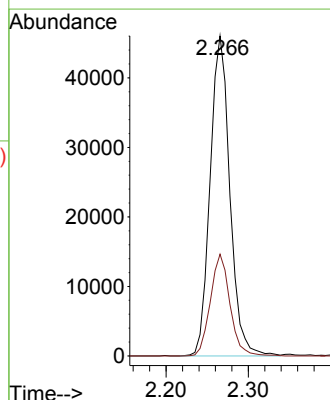
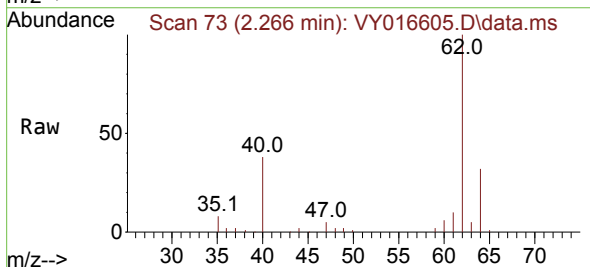
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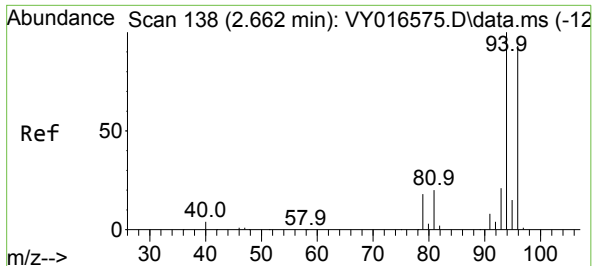
Tgt Ion: 50 Resp: 75955
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 40.796 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 62 Resp: 76968
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

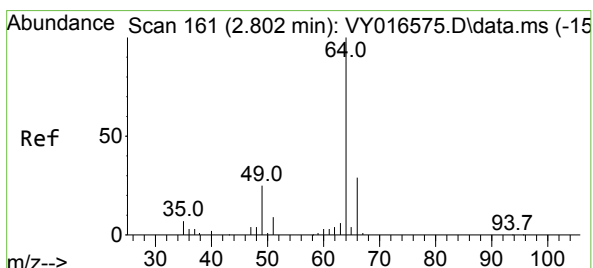
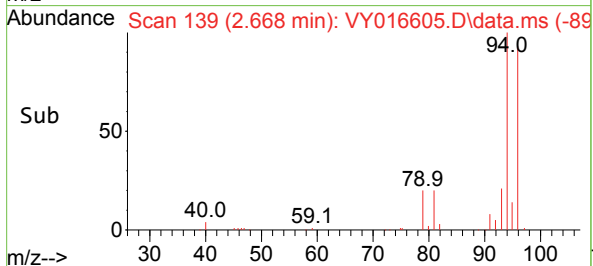
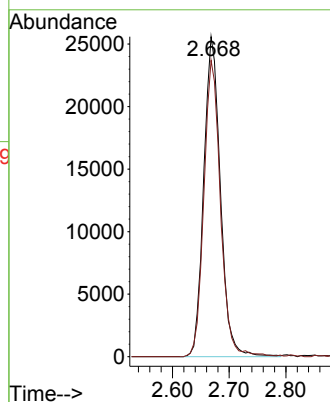
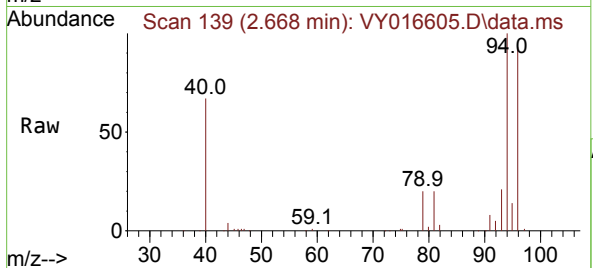




#5
Bromomethane
Concen: 44.167 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

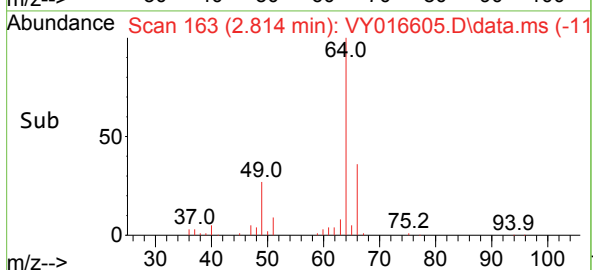
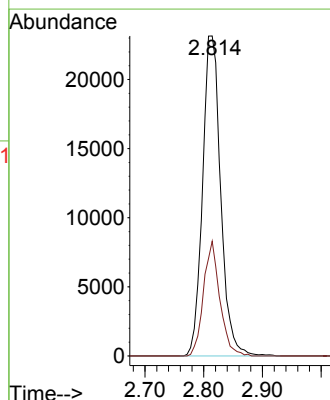
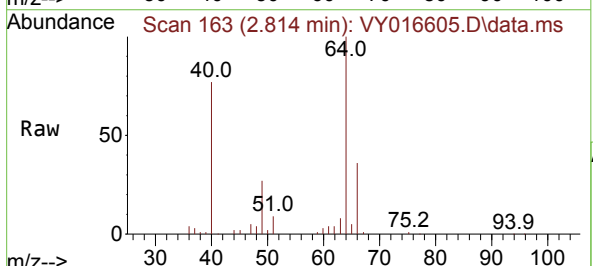
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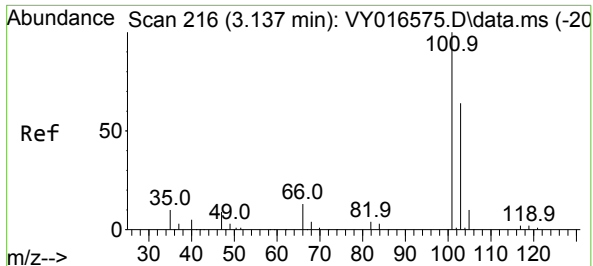
Tgt Ion: 94 Resp: 52197
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6



#6
Chloroethane
Concen: 42.619 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 64 Resp: 49667
Ion Ratio Lower Upper
64 100
66 35.8 24.4 36.6

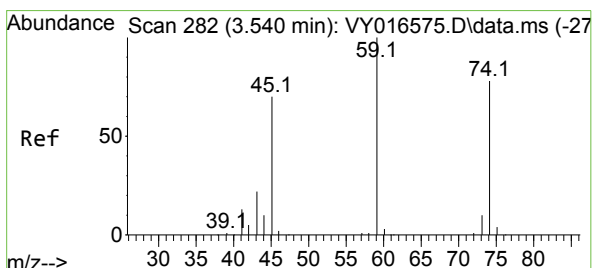
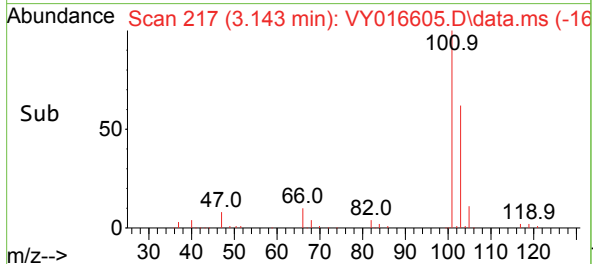
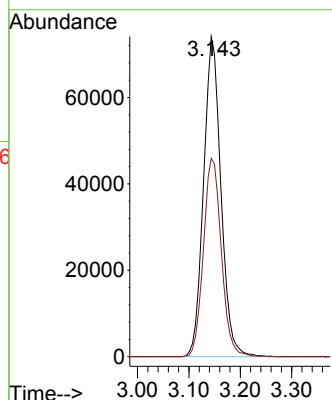
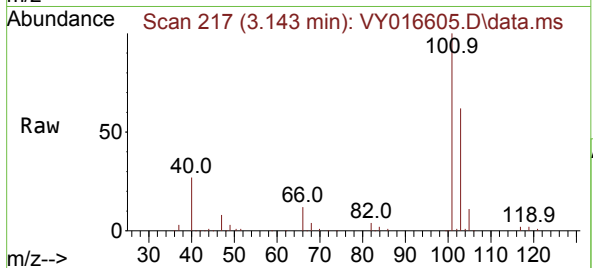




#7
 Trichlorofluoromethane
 Concen: 48.752 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016605.D
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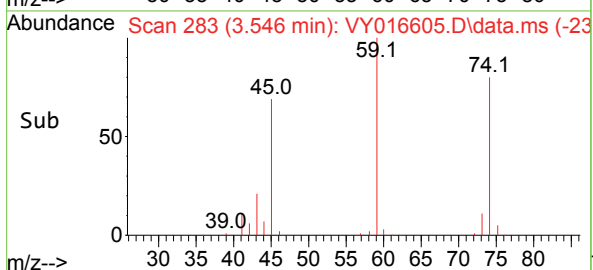
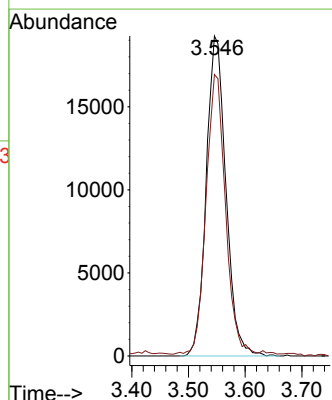
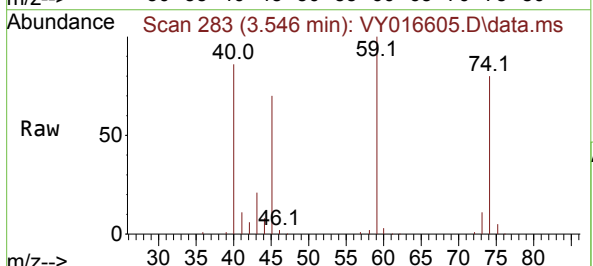
Instrument :
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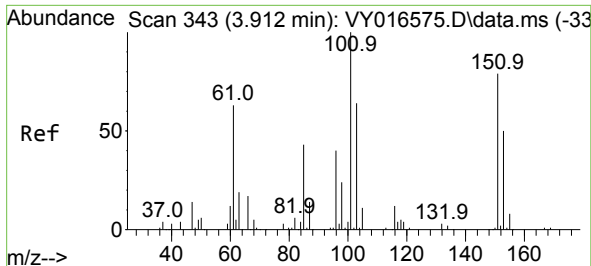
Tgt Ion:101 Resp: 173881
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 46.707 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

Tgt Ion: 74 Resp: 46396
 Ion Ratio Lower Upper
 74 100
 45 86.2 51.5 154.5

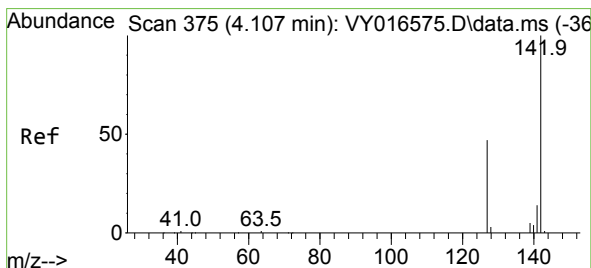
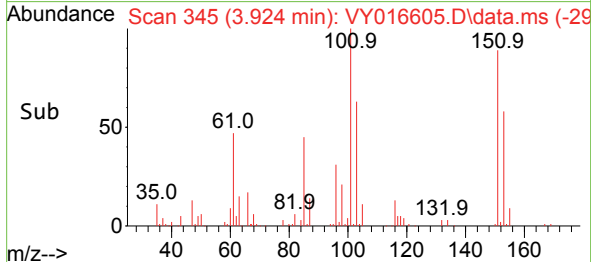
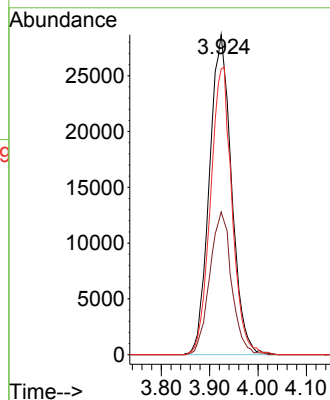
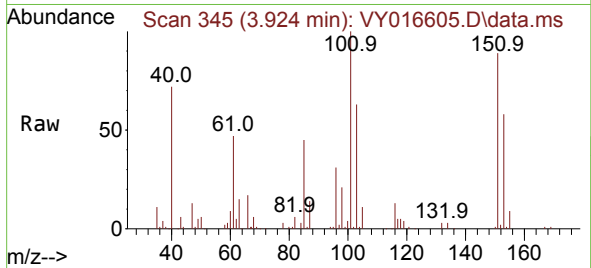




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.771 ug/l
RT: 3.924 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY016605.D
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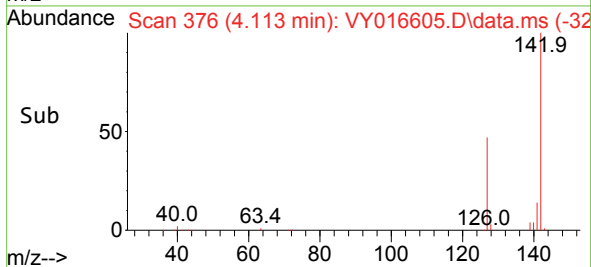
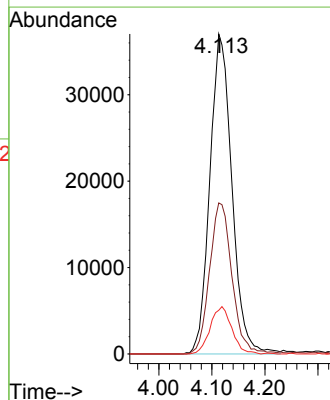
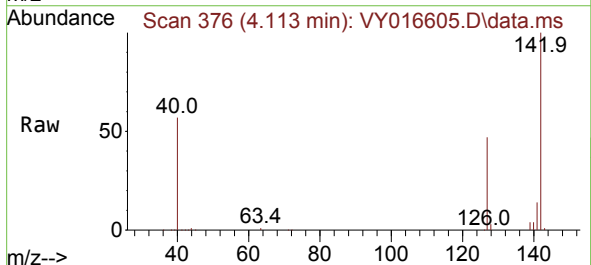
Instrument :
MSVOA_Y
ClientSampleId :

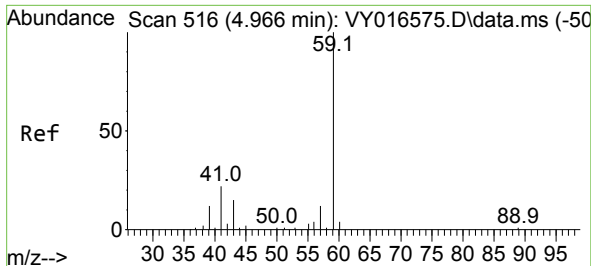
Tgt Ion:101 Resp: 91291
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 87.2 67.0 100.6



#10
Methyl Iodide
Concen: 50.766 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion:142 Resp: 106982
Ion Ratio Lower Upper
142 100
127 47.9 37.6 56.4
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 220.377 ug/l

RT: 4.978 min Scan# 51

Delta R.T. 0.012 min

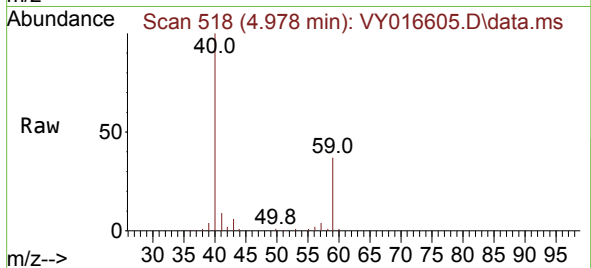
Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

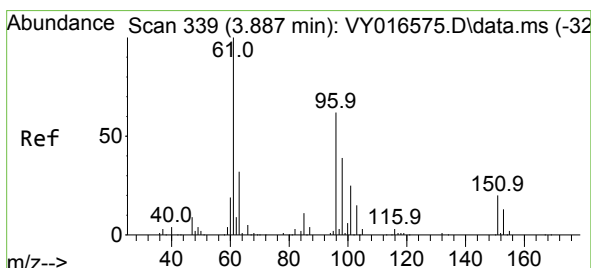
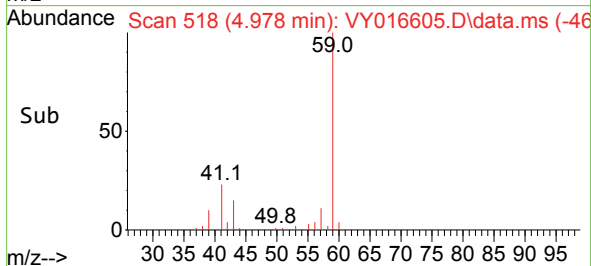
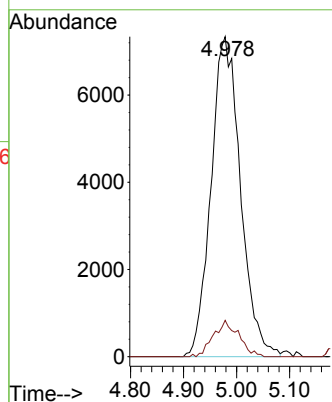


Tgt Ion: 59 Resp: 28294

Ion Ratio Lower Upper

59 100

57 9.8 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 47.101 ug/l

RT: 3.899 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

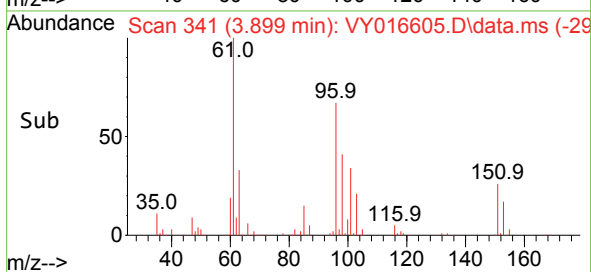
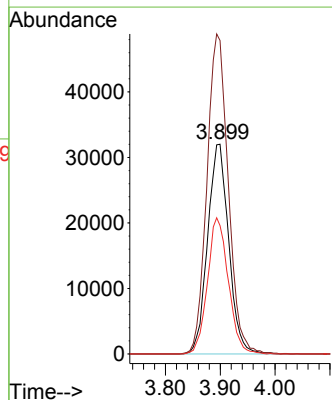
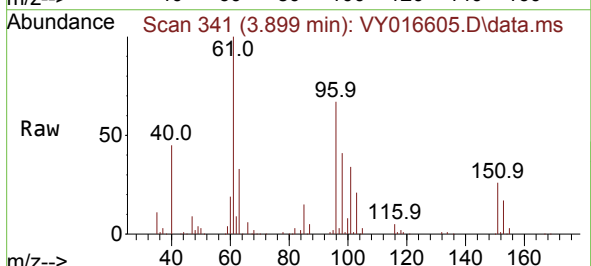
Tgt Ion: 96 Resp: 85340

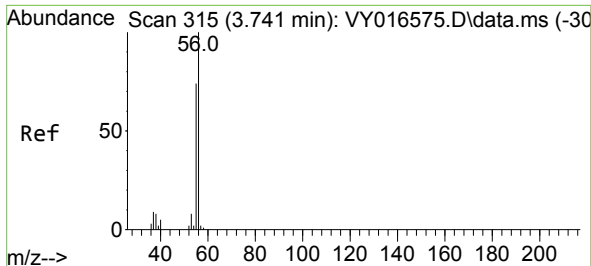
Ion Ratio Lower Upper

96 100

61 149.4 136.4 204.6

98 61.2 49.4 74.2





#13

Acrolein

Concen: 191.605 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

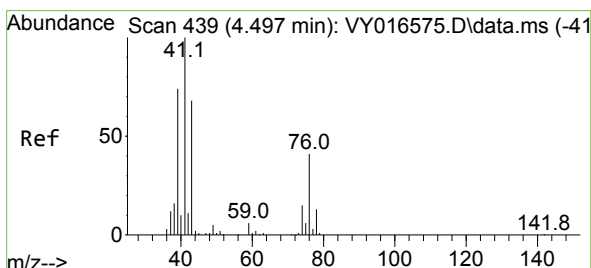
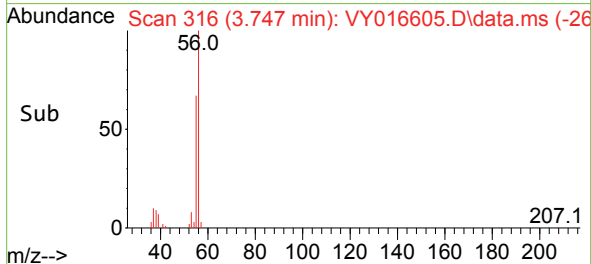
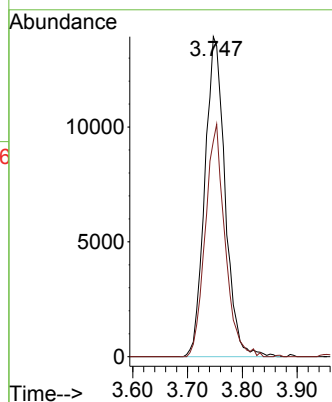
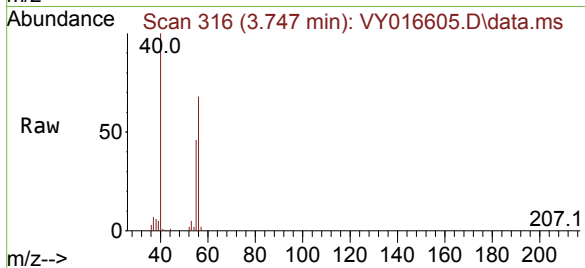
ClientSampleId :

Tgt Ion: 56 Resp: 35764

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 43.556 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

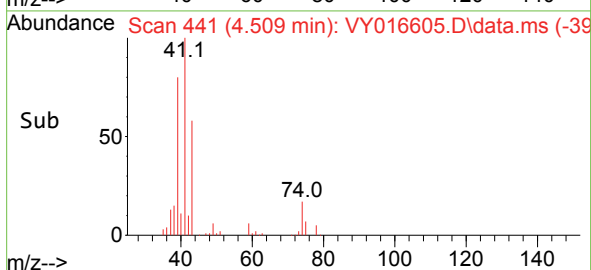
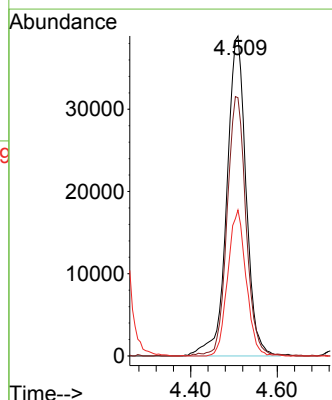
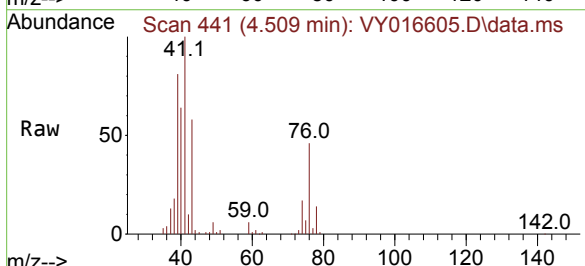
Tgt Ion: 41 Resp: 120434

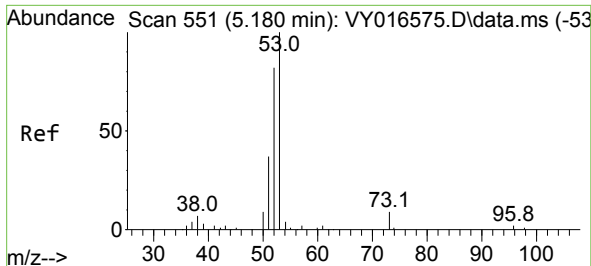
Ion Ratio Lower Upper

41 100

39 79.7 58.0 87.0

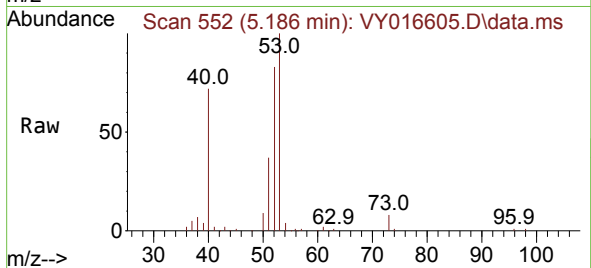
76 43.6 27.4 41.2#



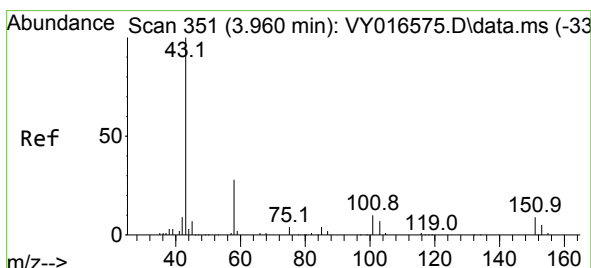
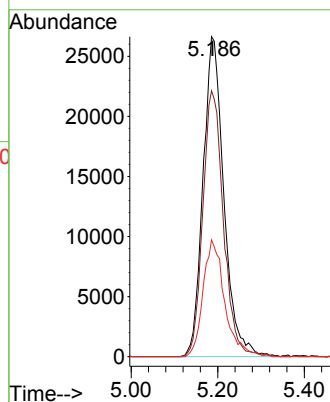
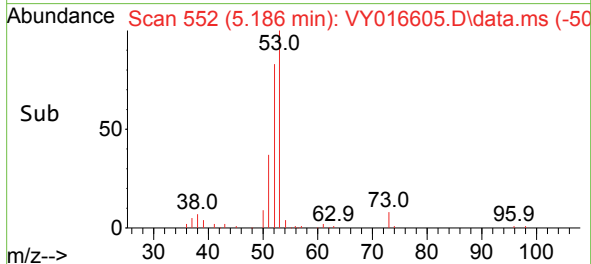


#15
Acrylonitrile
Concen: 222.195 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :

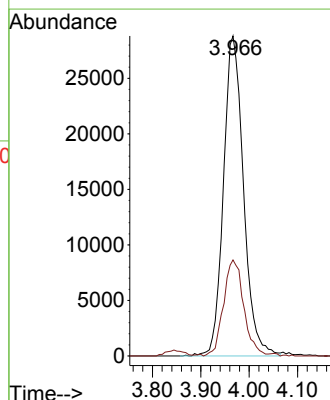
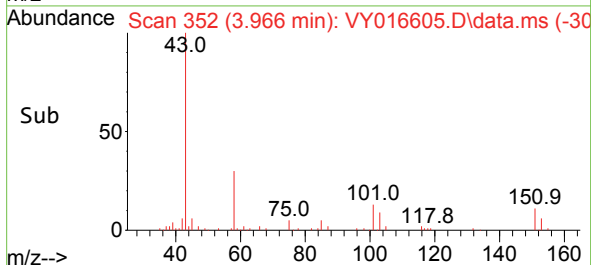
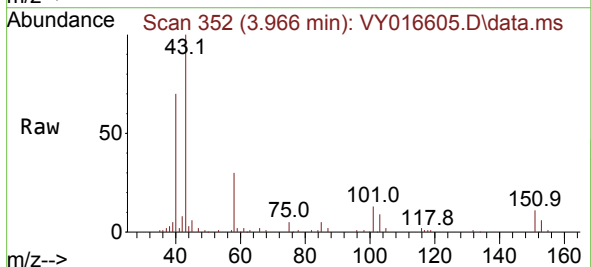


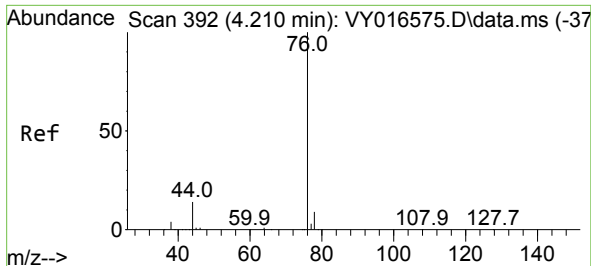
Tgt Ion: 53 Resp: 89083
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 37.8 29.8 44.6



#16
Acetone
Concen: 194.631 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 43 Resp: 82993
Ion Ratio Lower Upper
43 100
58 30.0 22.7 34.1

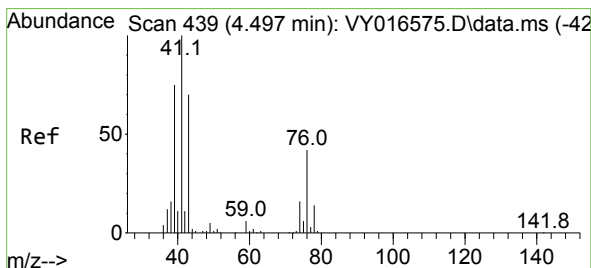
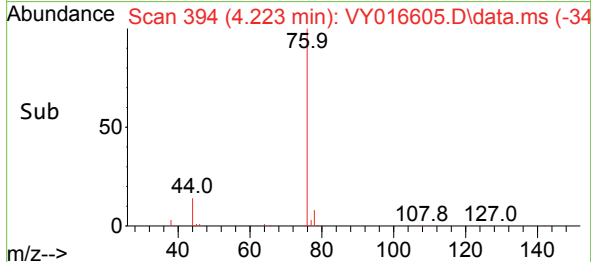
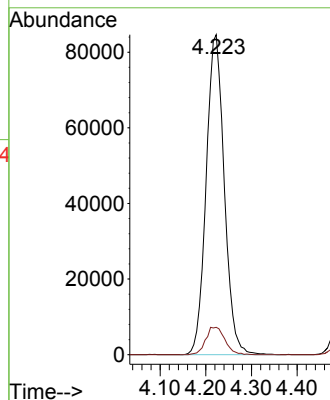
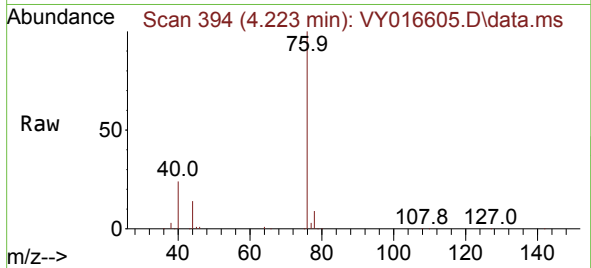




#17
Carbon Disulfide
Concen: 45.776 ug/l
RT: 4.223 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

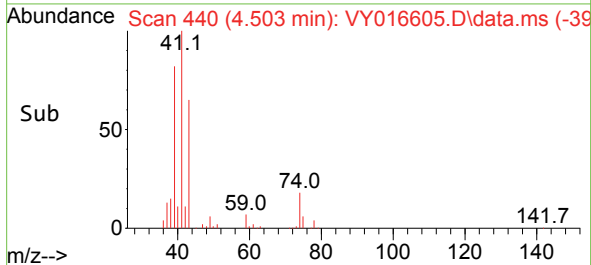
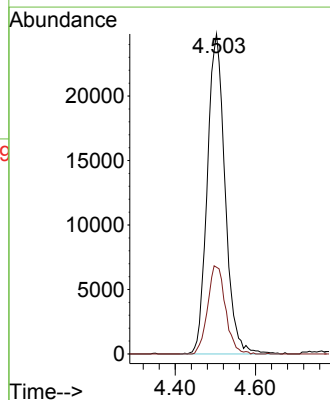
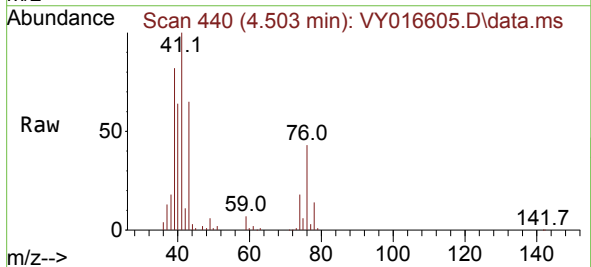
Instrument :
MSVOA_Y
ClientSampleId :

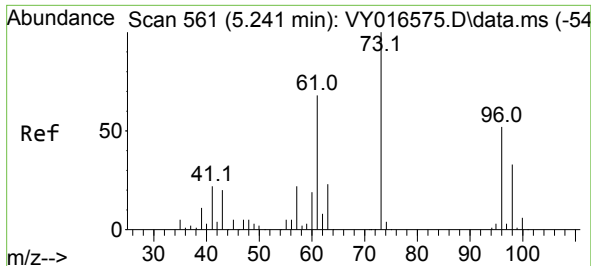
Tgt Ion: 76 Resp: 232534
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 45.032 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 43 Resp: 76115
Ion Ratio Lower Upper
43 100
74 27.7 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 50.273 ug/l

RT: 5.241 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

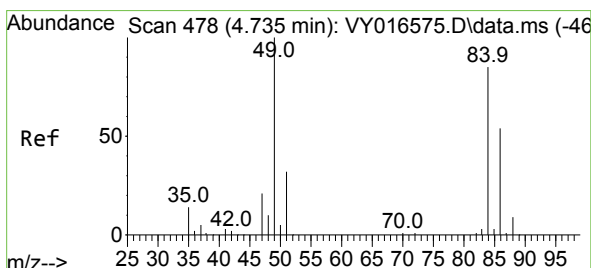
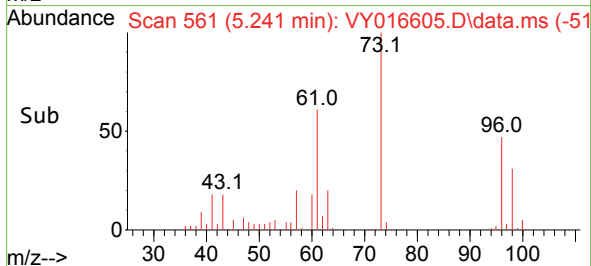
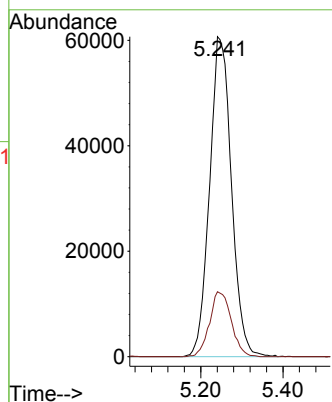
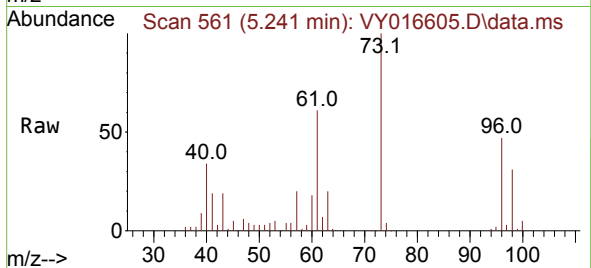
ClientSampleId :

Tgt Ion: 73 Resp: 223910

Ion Ratio Lower Upper

73 100

57 20.3 17.3 25.9



#20

Methylene Chloride

Concen: 50.508 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Tgt Ion: 84 Resp: 94883

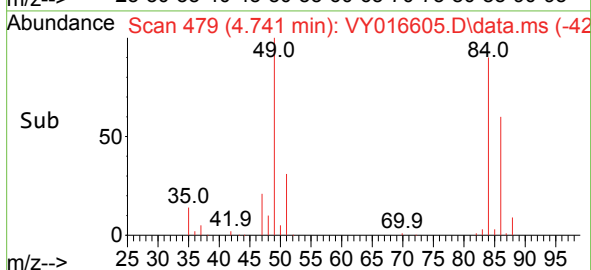
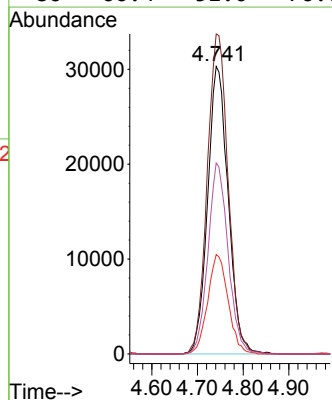
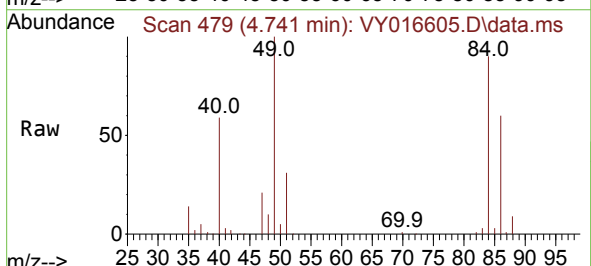
Ion Ratio Lower Upper

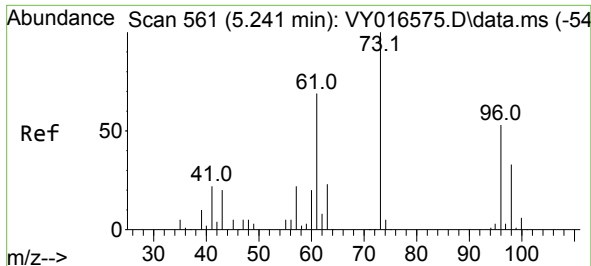
84 100

49 111.3 106.9 160.3

51 34.5 33.2 49.8

86 66.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.487 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.012 min

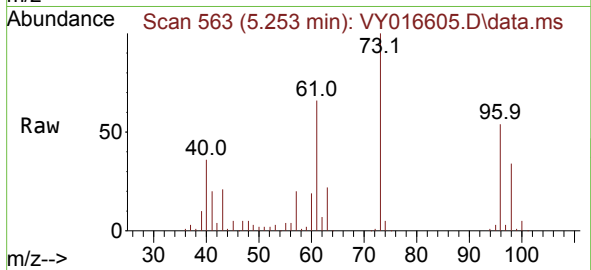
Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :



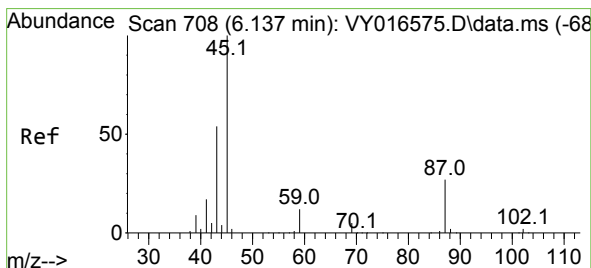
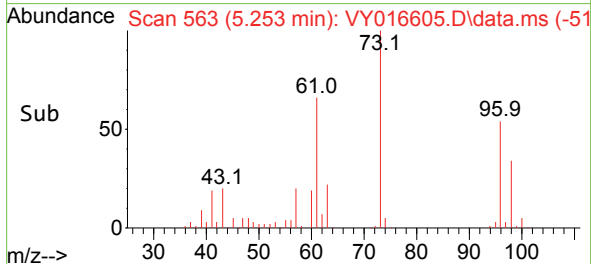
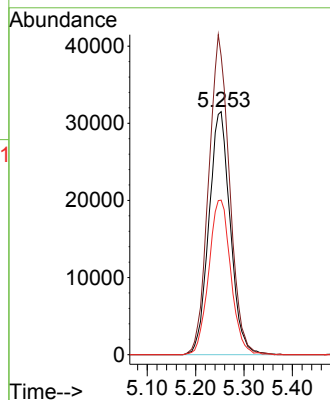
Tgt Ion: 96 Resp: 96754

Ion Ratio Lower Upper

96 100

61 122.8 110.2 165.4

98 63.6 51.8 77.6



#22

Diisopropyl ether

Concen: 45.354 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Tgt Ion: 45 Resp: 257914

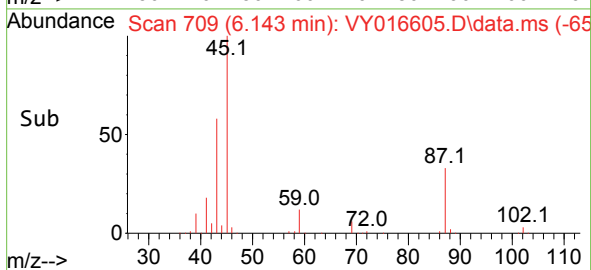
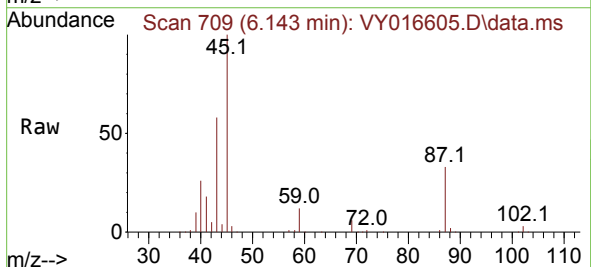
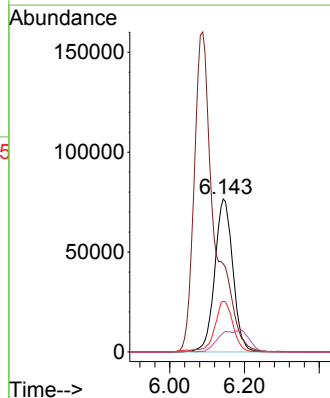
Ion Ratio Lower Upper

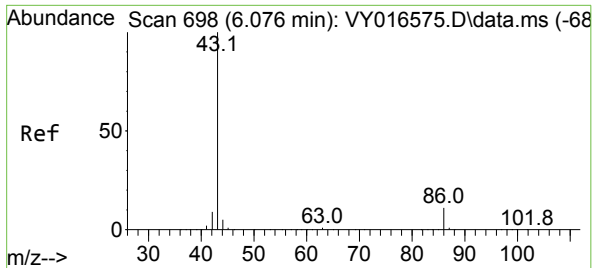
45 100

43 57.3 52.2 78.4

87 33.1 21.0 31.6#

59 12.5 8.9 13.3

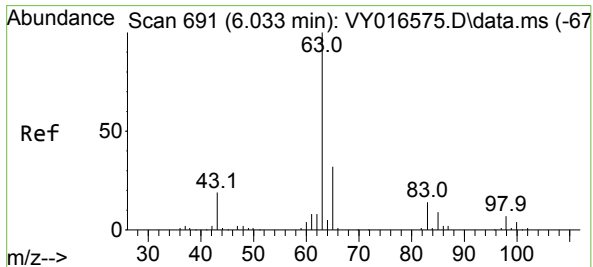
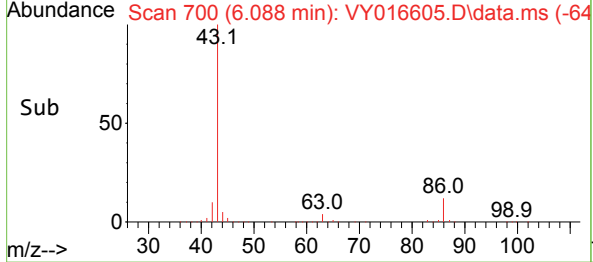
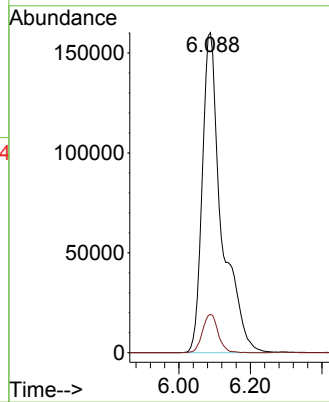
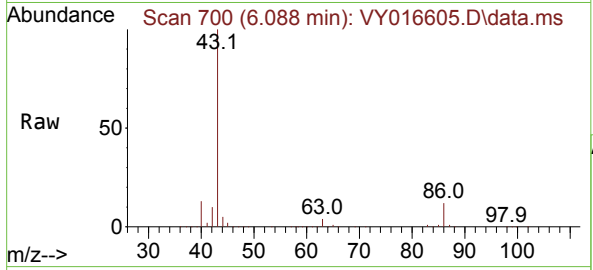




#23
 Vinyl Acetate
 Concen: 220.422 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

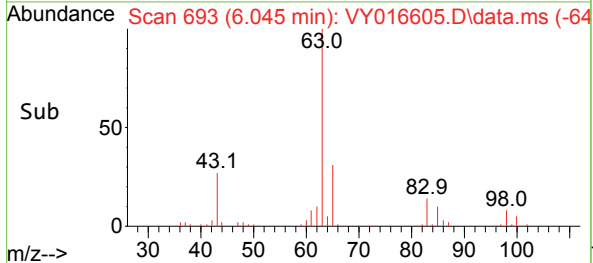
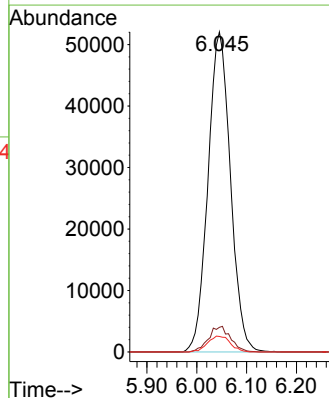
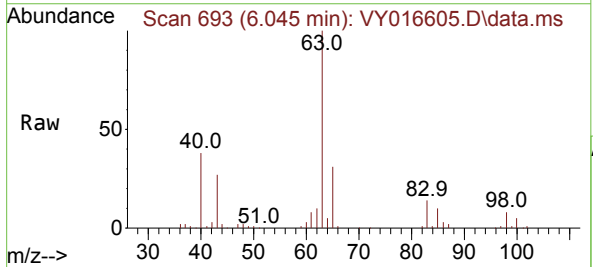
Instrument :
 MSVOA_Y
 ClientSampleId :

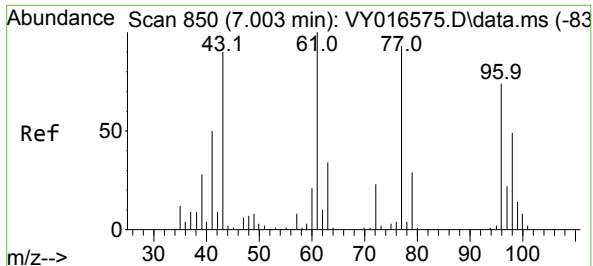
Tgt Ion: 43 Resp: 601745
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.546 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

Tgt Ion: 63 Resp: 162618
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 191.850 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

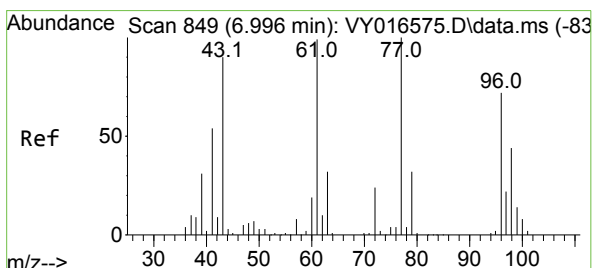
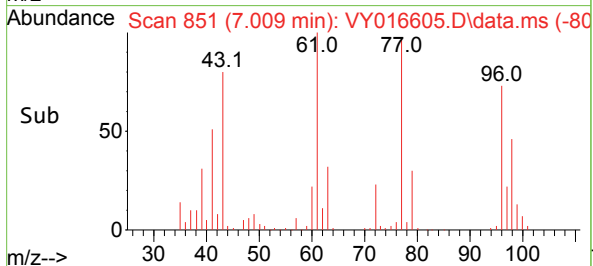
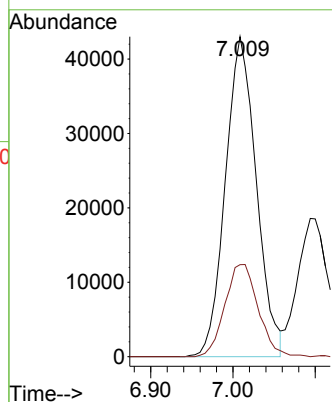
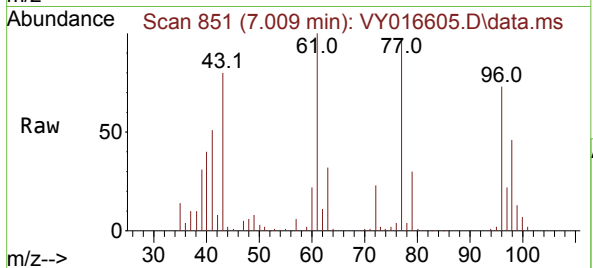
ClientSampleId :

Tgt Ion: 43 Resp: 112491

Ion Ratio Lower Upper

43 100

72 28.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.265 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016605.D

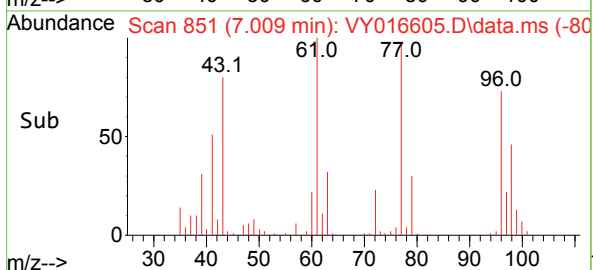
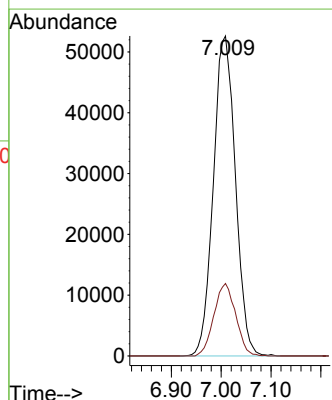
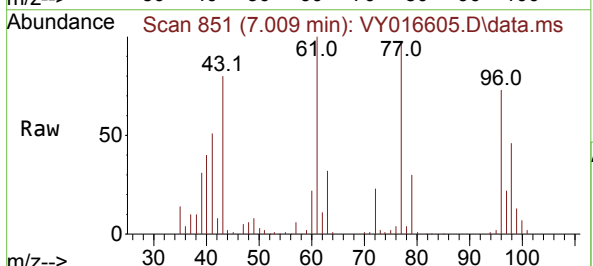
Acq: 05 Dec 2023 19:02

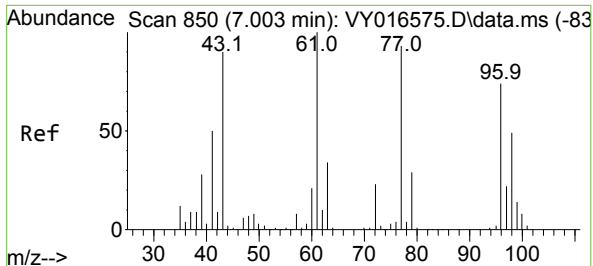
Tgt Ion: 77 Resp: 161808

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.328 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

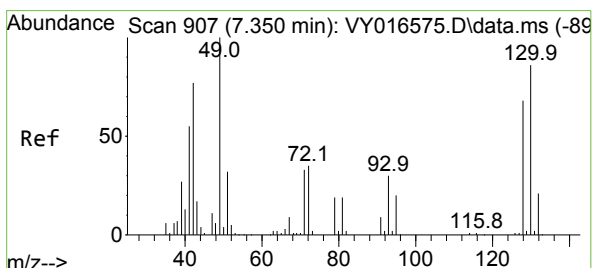
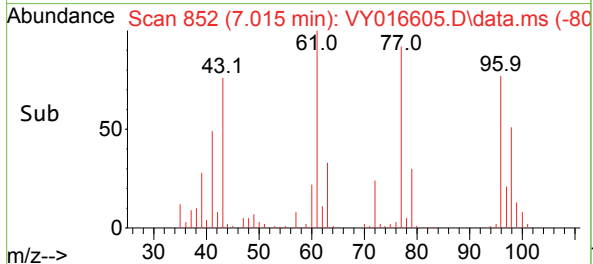
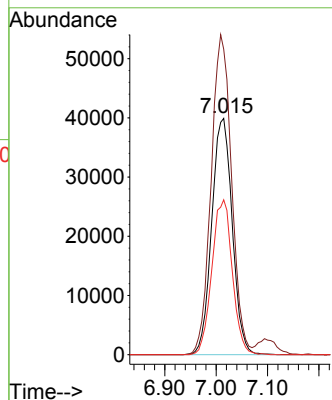
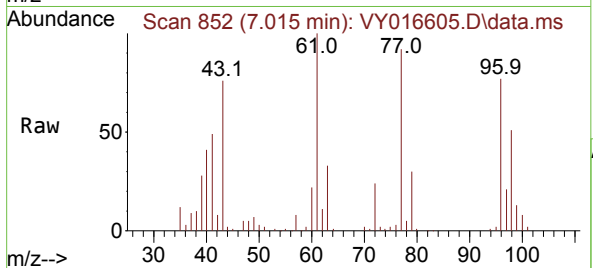
Tgt Ion: 96 Resp: 110630

Ion Ratio Lower Upper

96 100

61 135.0 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 46.403 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

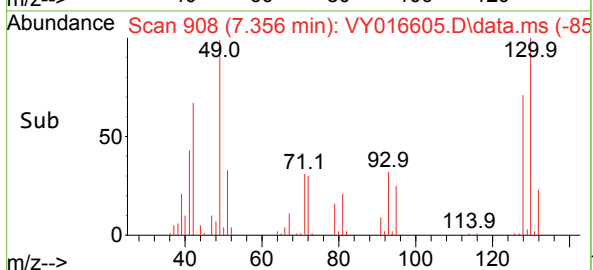
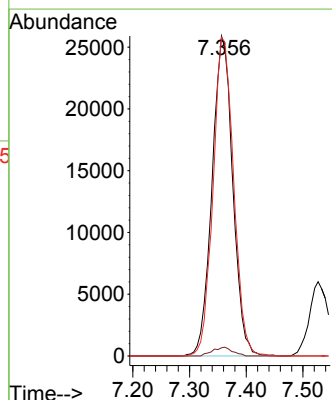
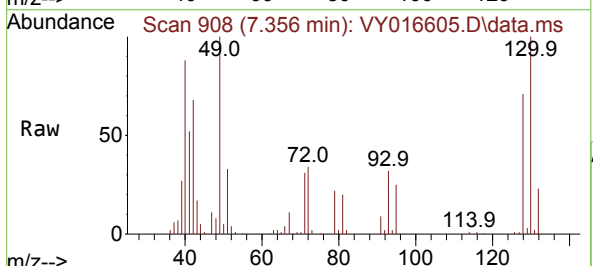
Tgt Ion: 49 Resp: 65666

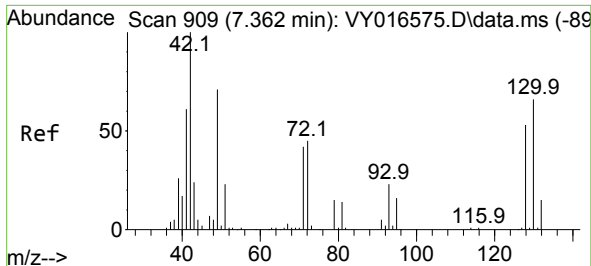
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 98.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 213.549 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

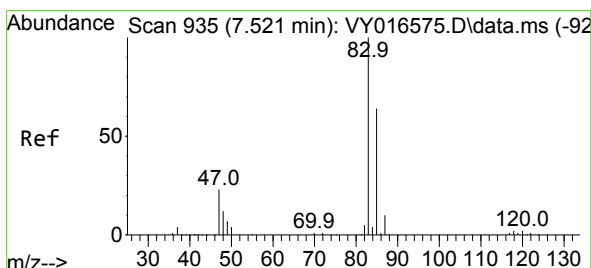
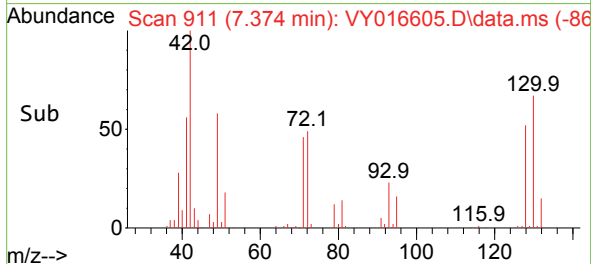
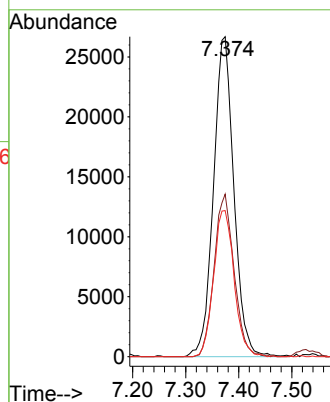
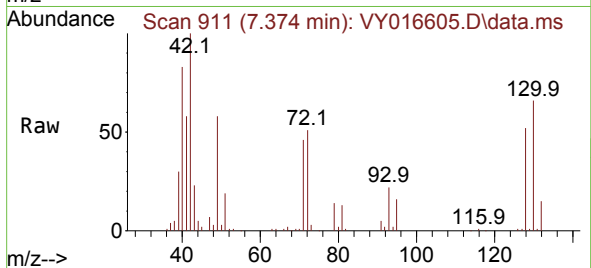
Tgt Ion: 42 Resp: 71389

Ion Ratio Lower Upper

42 100

72 49.7 32.8 49.2#

71 46.0 31.0 46.4



#30

Chloroform

Concen: 49.299 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016605.D

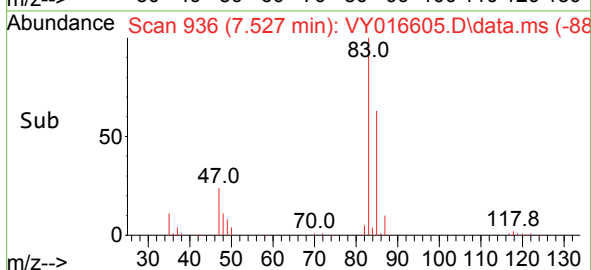
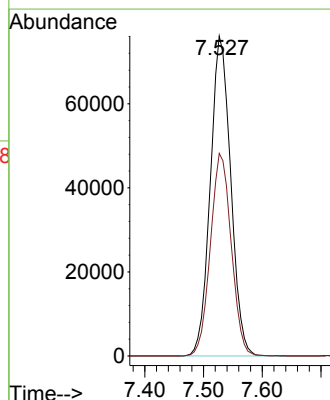
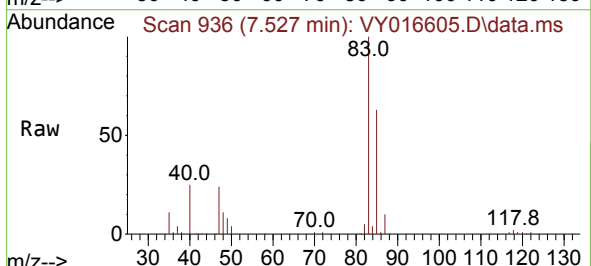
Acq: 05 Dec 2023 19:02

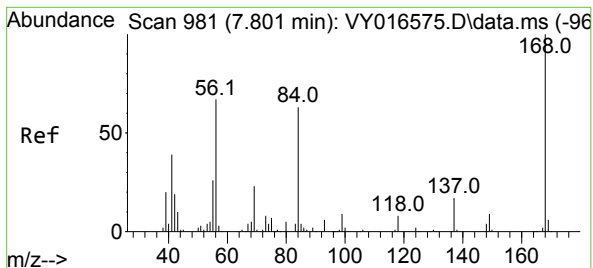
Tgt Ion: 83 Resp: 183595

Ion Ratio Lower Upper

83 100

85 63.3 49.7 74.5





#31

Cyclohexane

Concen: 40.986 ug/l

RT: 7.807 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

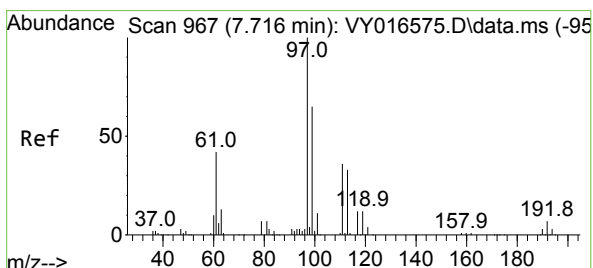
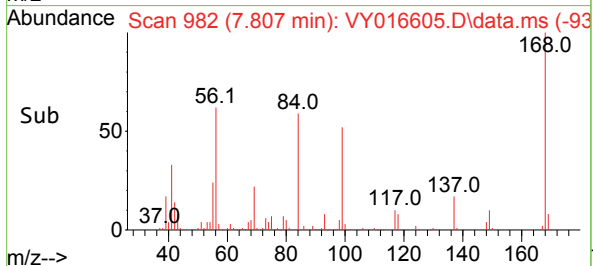
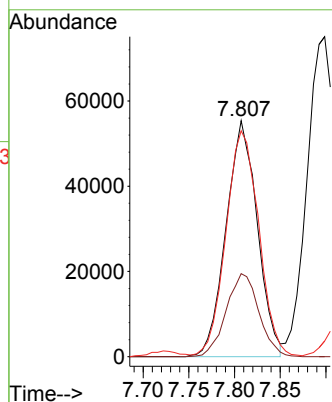
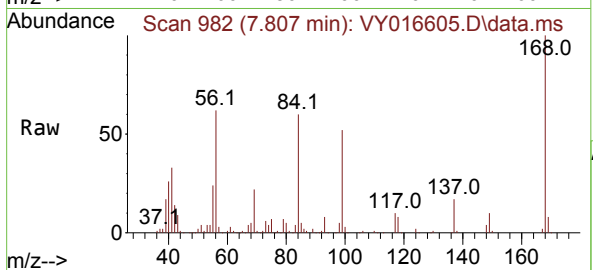
Tgt Ion: 56 Resp: 131848

Ion Ratio Lower Upper

56 100

69 35.2 27.8 41.6

84 94.7 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 50.785 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

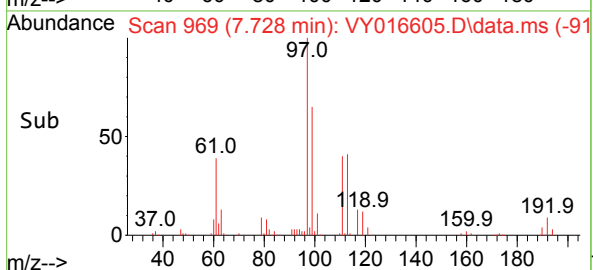
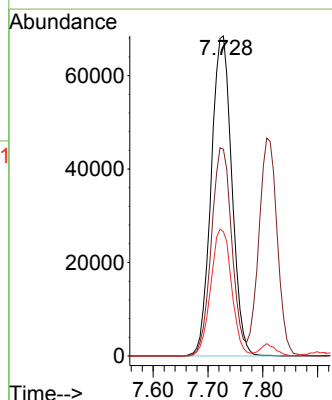
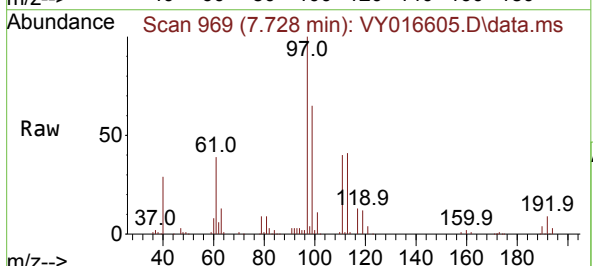
Tgt Ion: 97 Resp: 178989

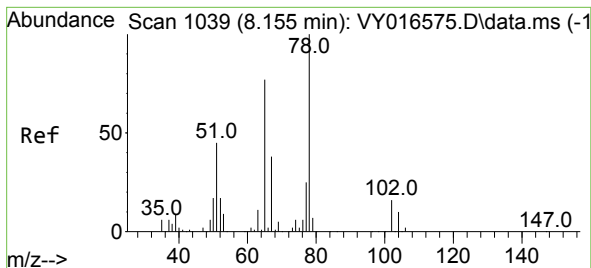
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 39.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.514 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

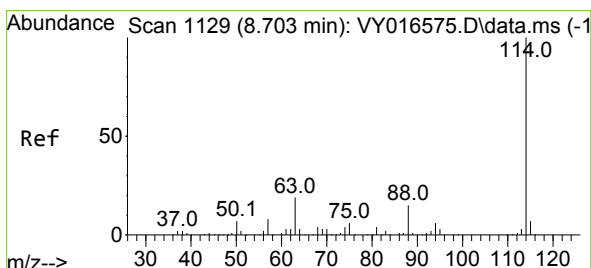
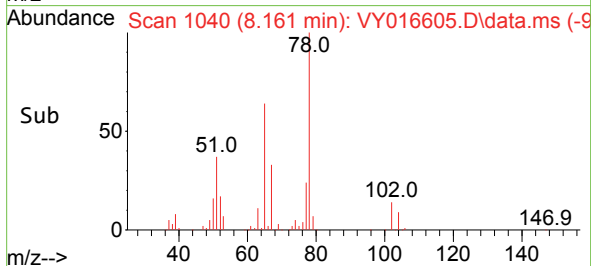
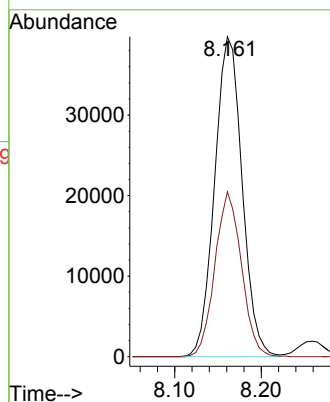
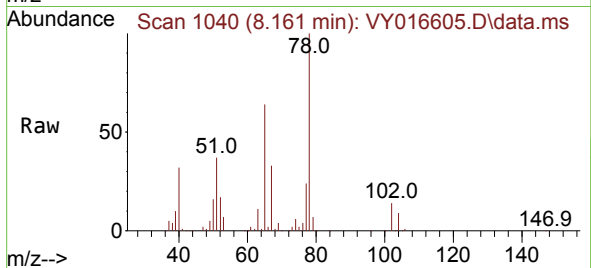
ClientSampleId :

Tgt Ion: 65 Resp: 87649

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

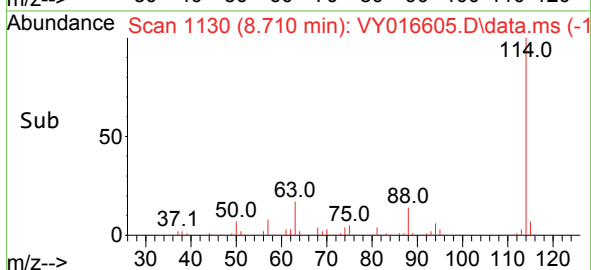
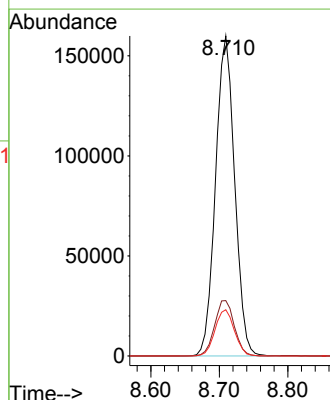
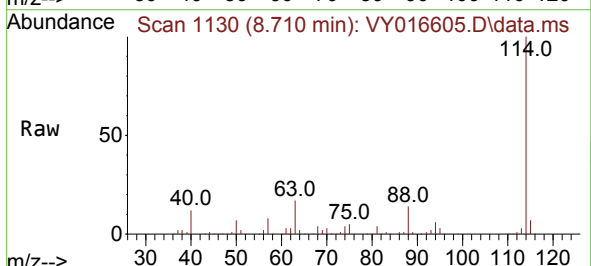
Tgt Ion: 114 Resp: 309778

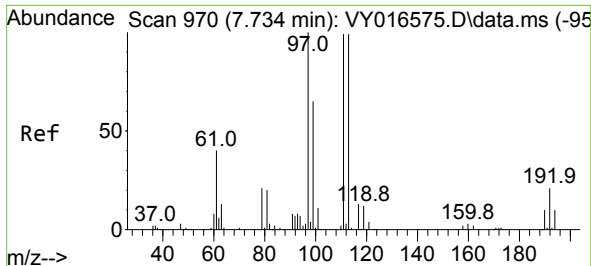
Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

88 14.5 0.0 30.6

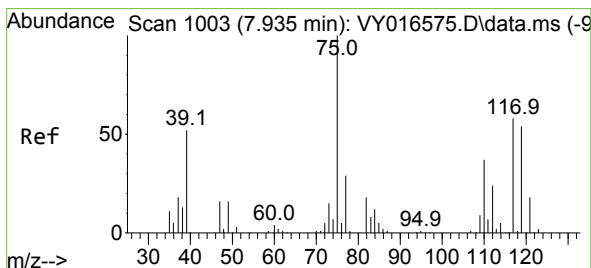
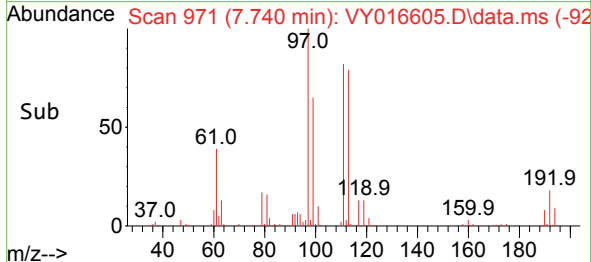
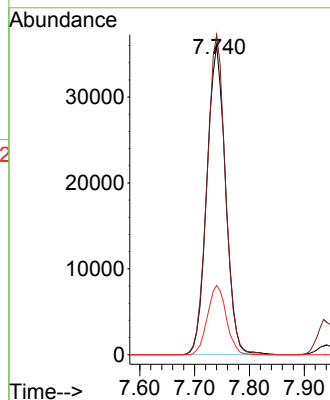
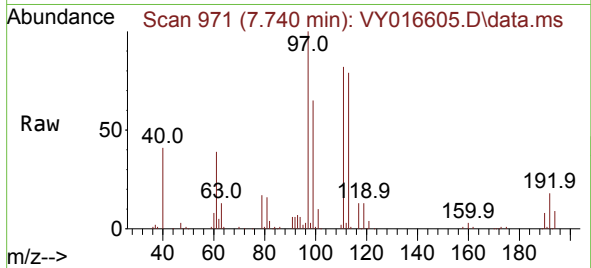




#35
Dibromofluoromethane
Concen: 45.586 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

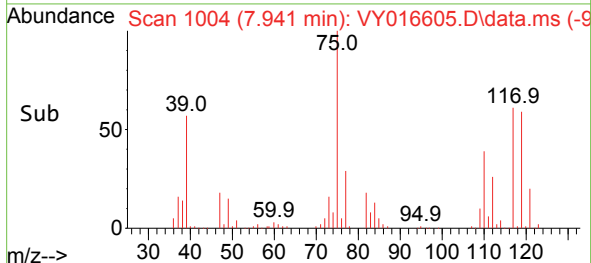
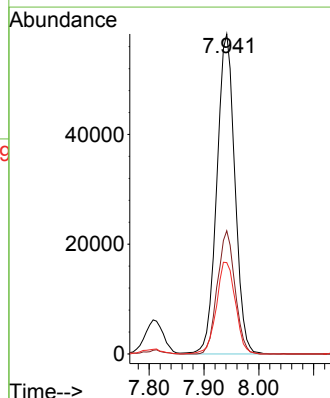
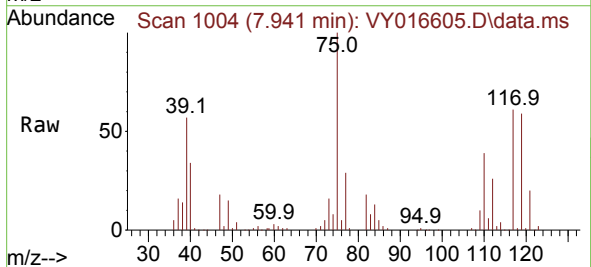
Instrument :
MSVOA_Y
ClientSampleId :

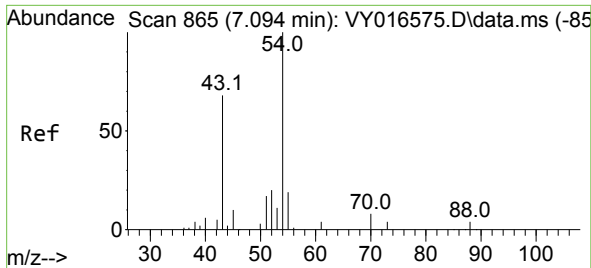
Tgt Ion:113 Resp: 84984
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 22.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 47.000 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 75 Resp: 133192
Ion Ratio Lower Upper
75 100
110 37.6 17.8 53.5
77 30.2 24.4 36.6

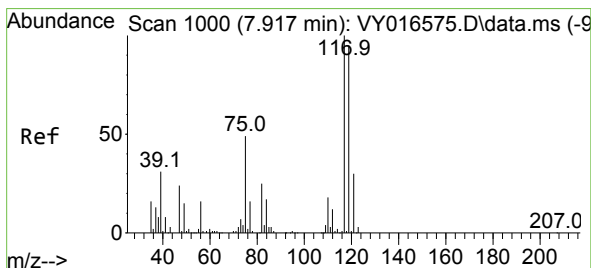
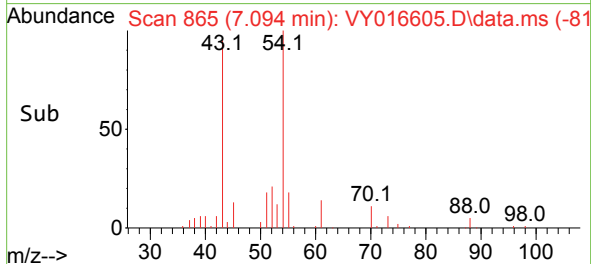
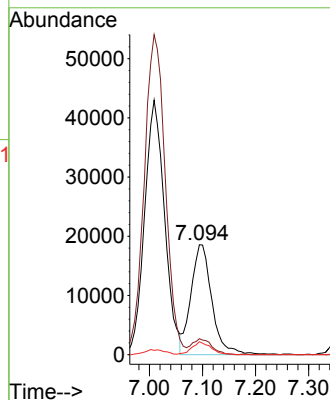
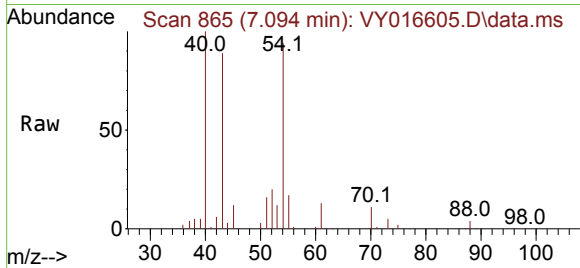




#37
Ethyl Acetate
Concen: 43.025 ug/l
RT: 7.094 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

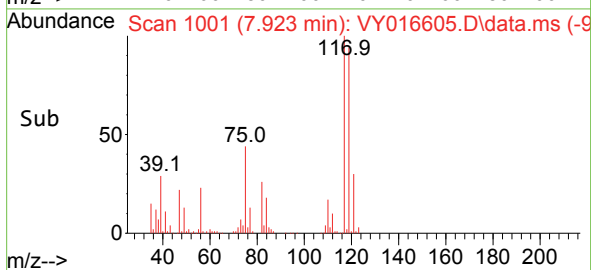
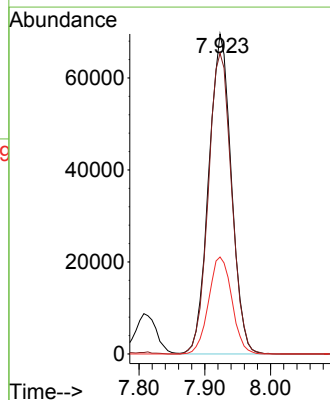
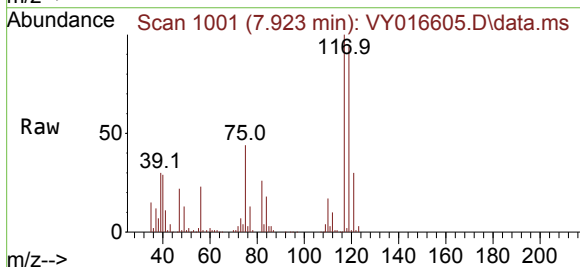
Instrument :
MSVOA_Y
ClientSampleId :

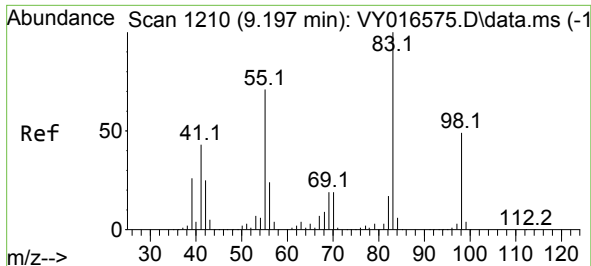
Tgt Ion: 43 Resp: 51019
Ion Ratio Lower Upper
43 100
61 13.6 10.1 15.1
70 10.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.831 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 117 Resp: 166761
Ion Ratio Lower Upper
117 100
119 94.0 76.4 114.6
121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 46.983 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

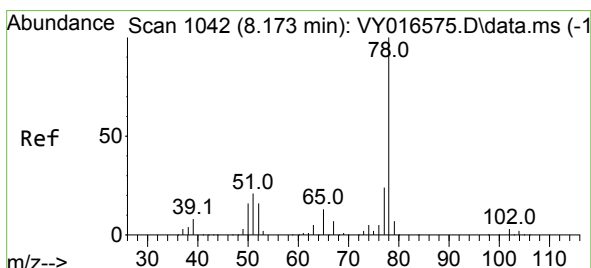
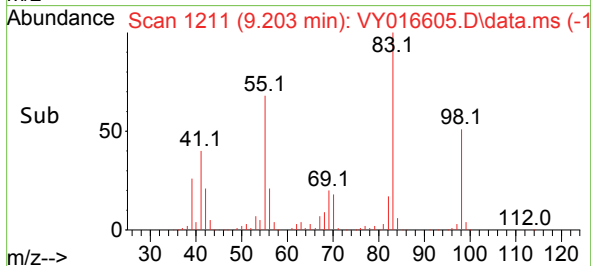
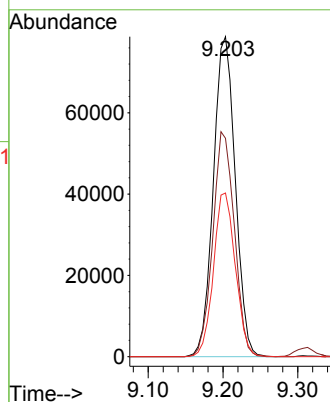
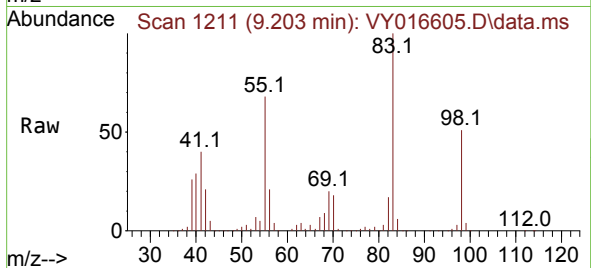
Tgt Ion: 83 Resp: 160416

Ion Ratio Lower Upper

83 100

55 68.2 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 47.544 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016605.D

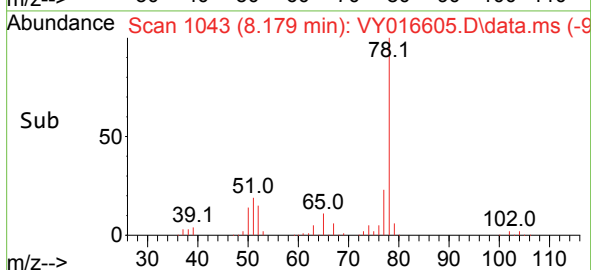
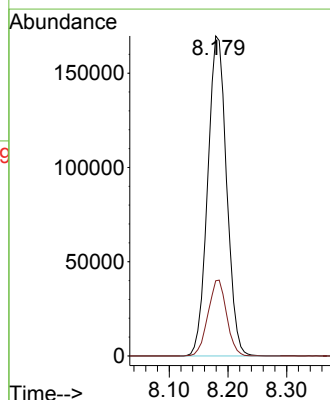
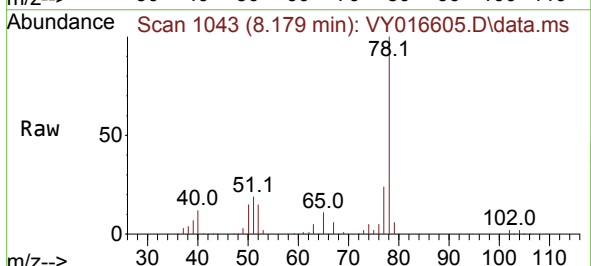
Acq: 05 Dec 2023 19:02

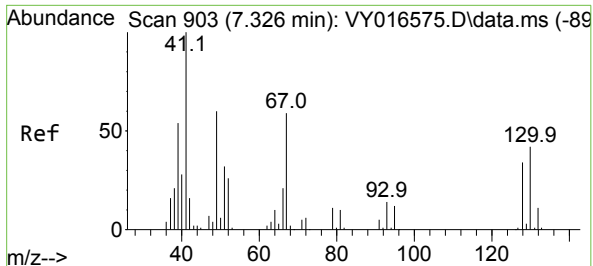
Tgt Ion: 78 Resp: 379762

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

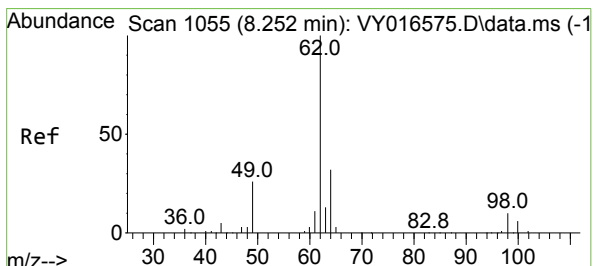
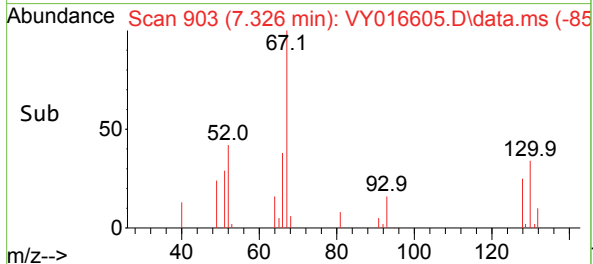
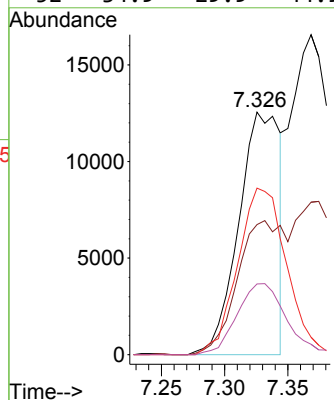
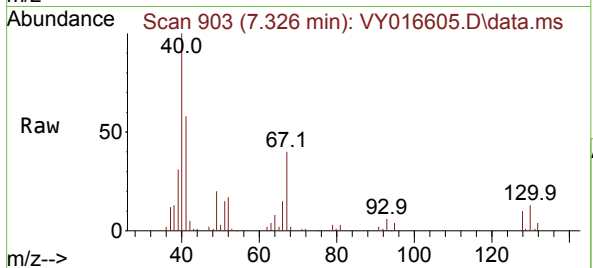




#41
Methacrylonitrile
Concen: 41.644 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

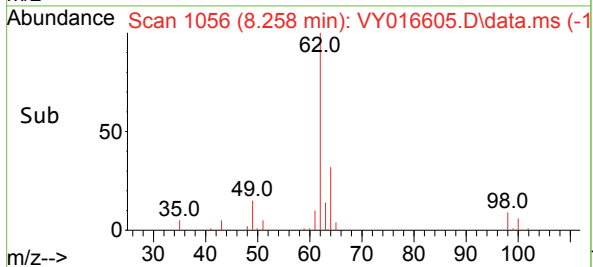
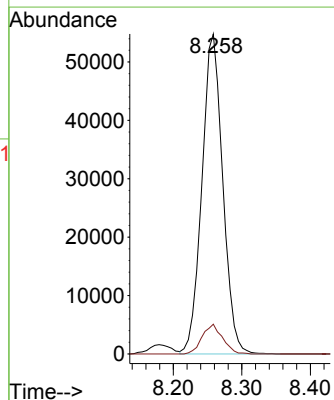
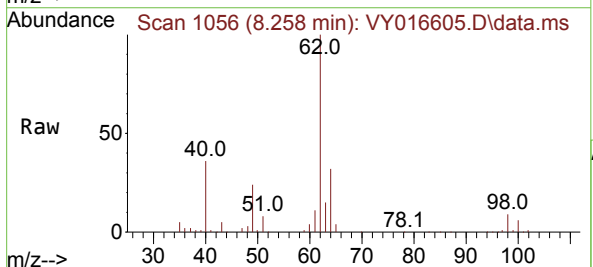
Instrument :
MSVOA_Y
ClientSampleId :

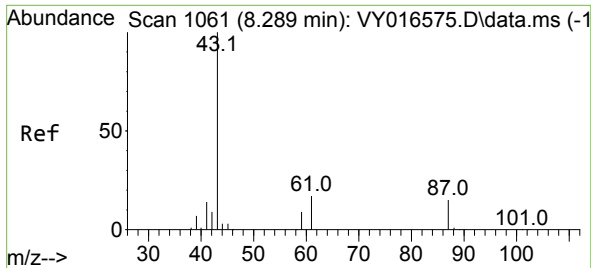
Tgt Ion: 41	Resp: 28520
Ion Ratio	Lower Upper
41 100	
39 64.8	52.1 78.1
67 81.3	66.2 99.2
52 34.9	29.9 44.9



#42
1,2-Dichloroethane
Concen: 50.024 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 62	Resp: 116022
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 15.8

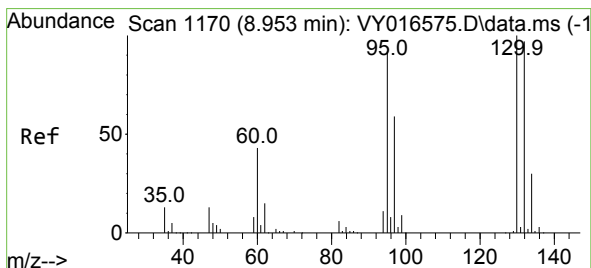
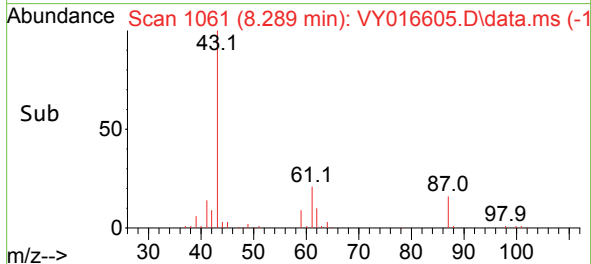
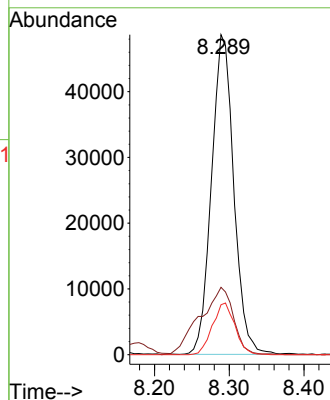
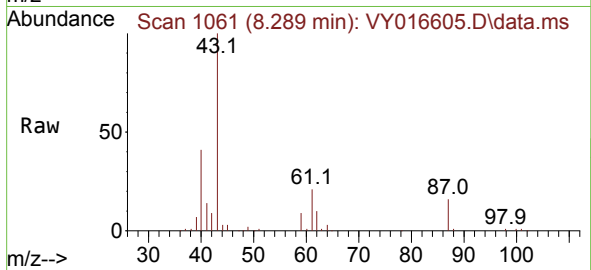




#43
Isopropyl Acetate
Concen: 44.026 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

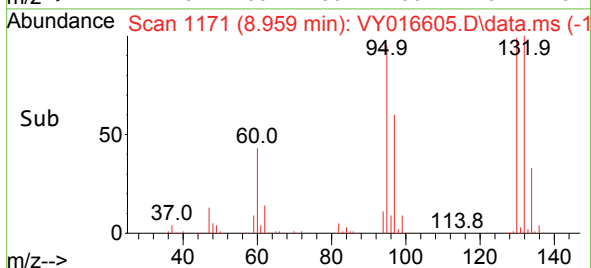
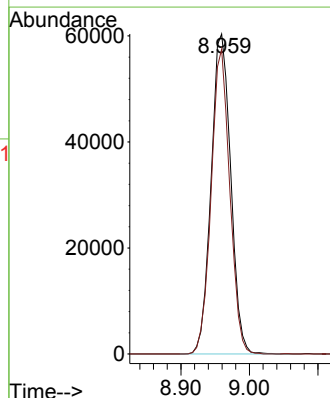
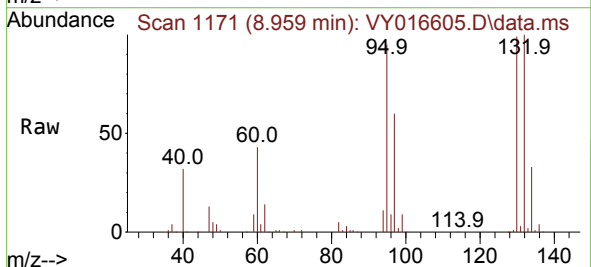
Instrument :
MSVOA_Y
ClientSampleId :

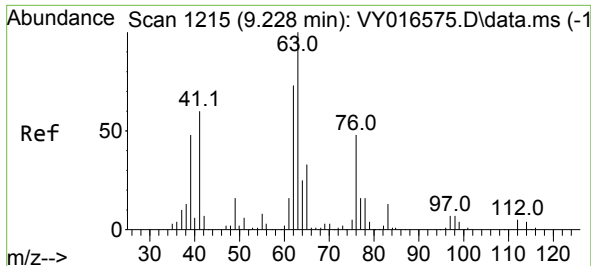
Tgt Ion: 43 Resp: 100710
Ion Ratio Lower Upper
43 100
61 31.6 21.1 31.7
87 16.3 9.8 14.8#



#44
Trichloroethene
Concen: 49.673 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion:130 Resp: 119654
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0

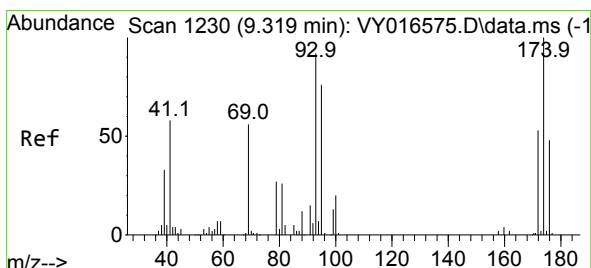
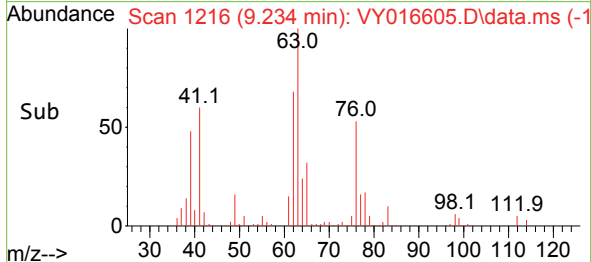
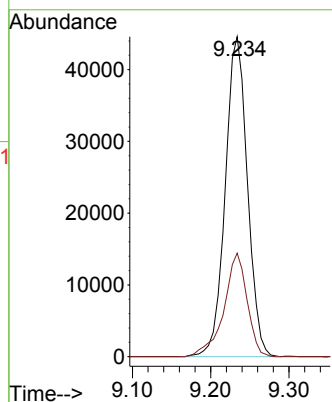
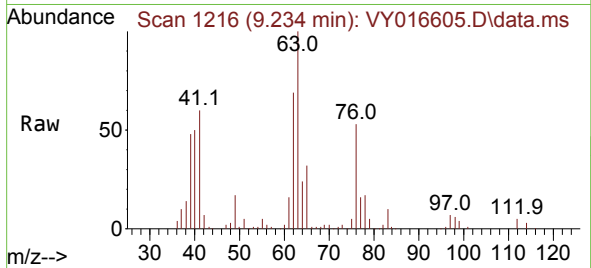




#45
1,2-Dichloropropane
Concen: 45.548 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

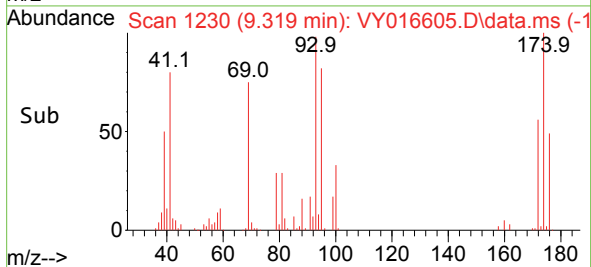
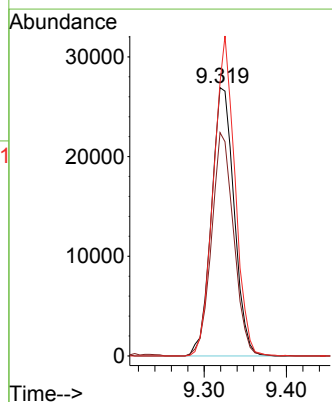
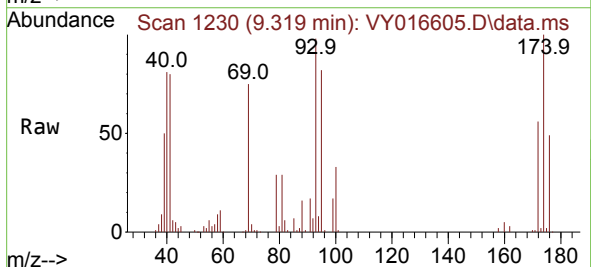
Instrument :
MSVOA_Y
ClientSampleId :

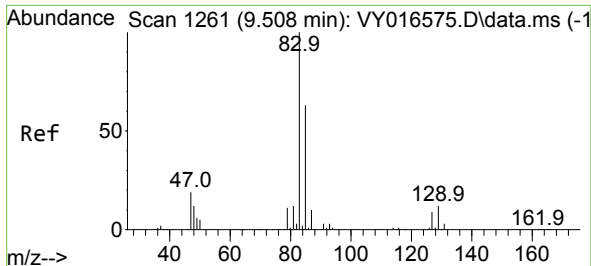
Tgt Ion: 63 Resp: 87591
Ion Ratio Lower Upper
63 100
65 32.3 23.8 35.6



#46
Dibromomethane
Concen: 48.929 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

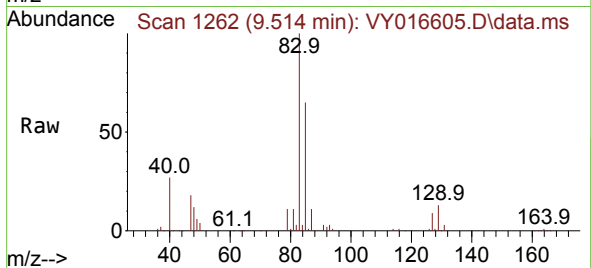
Tgt Ion: 93 Resp: 51583
Ion Ratio Lower Upper
93 100
95 81.2 66.6 100.0
174 112.8 84.8 127.2



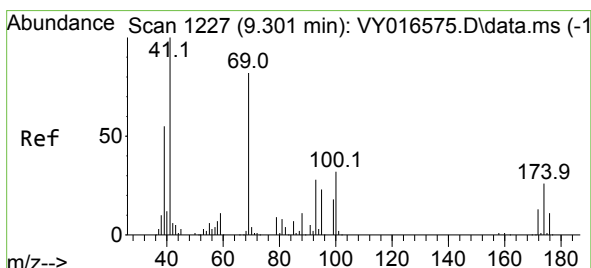
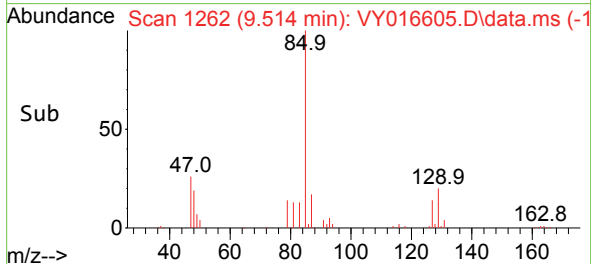
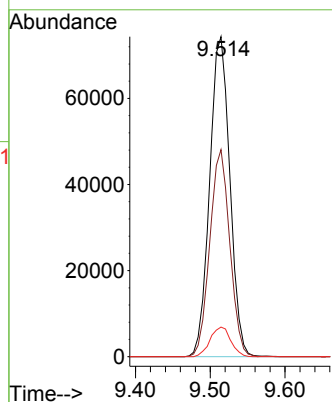


#47
Bromodichloromethane
Concen: 49.748 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :

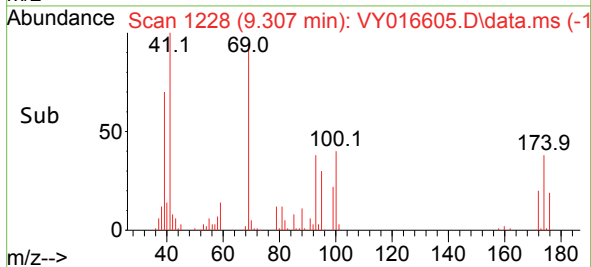
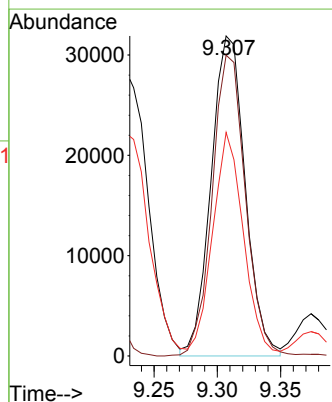
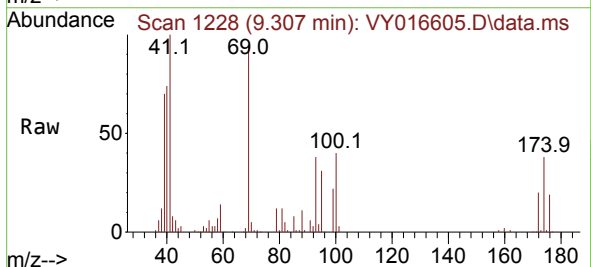


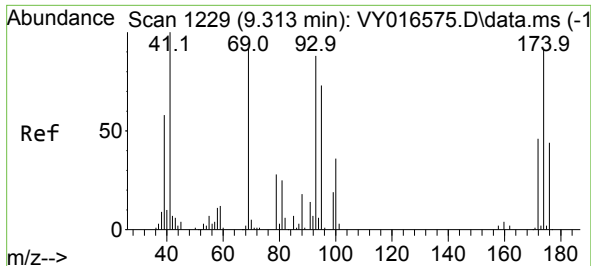
Tgt Ion: 83 Resp: 139626
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 45.287 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 41 Resp: 59829
Ion Ratio Lower Upper
41 100
69 91.9 64.5 96.7
39 60.2 50.8 76.2





#49

1,4-Dioxane

Concen: 949.236 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

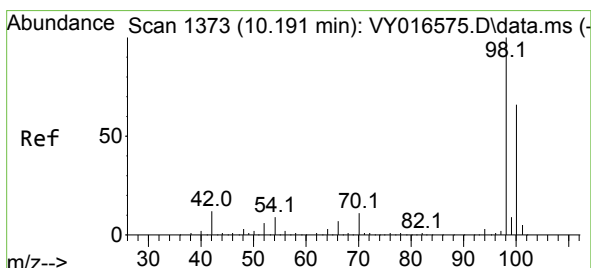
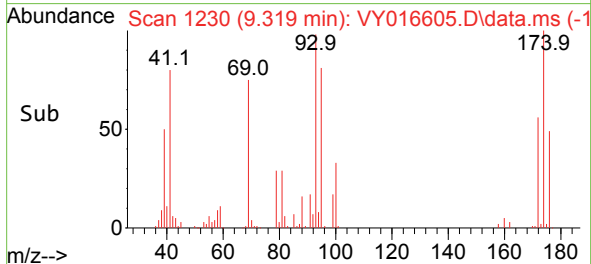
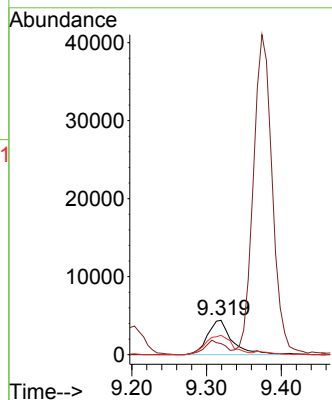
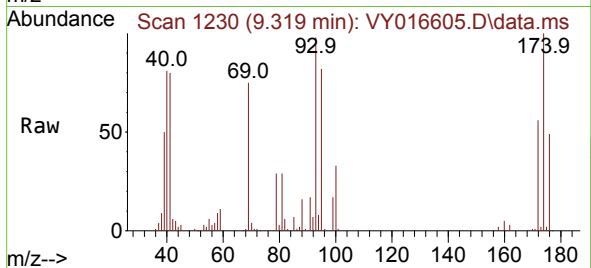
Tgt Ion: 88 Resp: 10129

Ion Ratio Lower Upper

88 100

43 33.0 0.0 0.0#

58 61.0 30.9 46.3#



#50

Toluene-d8

Concen: 46.305 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016605.D

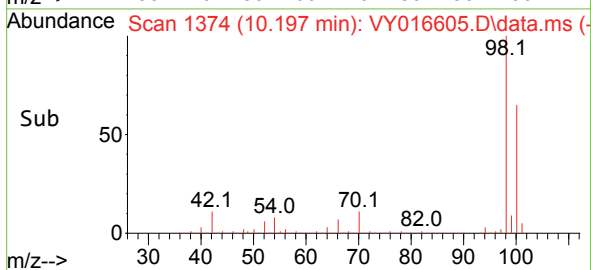
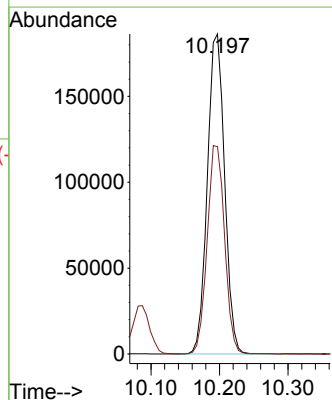
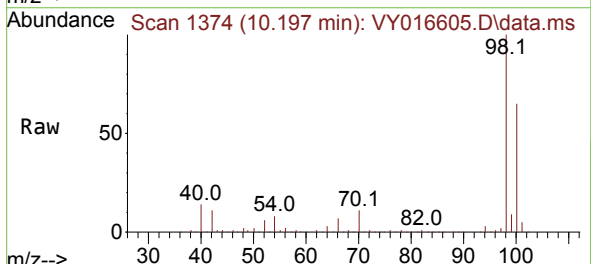
Acq: 05 Dec 2023 19:02

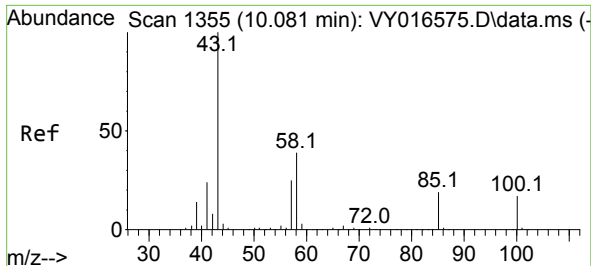
Tgt Ion: 98 Resp: 326528

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 218.655 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

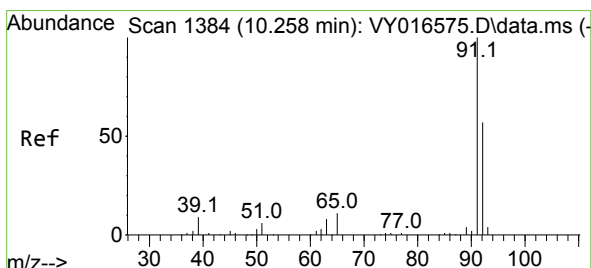
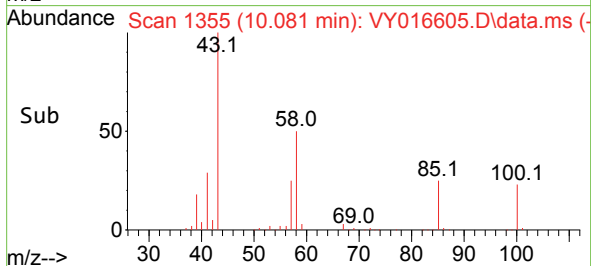
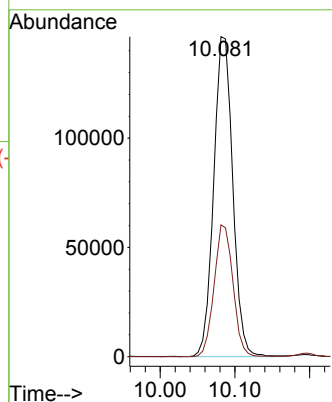
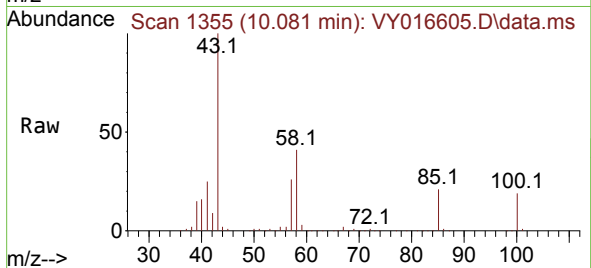
ClientSampleId :

Tgt Ion: 43 Resp: 259938

Ion Ratio Lower Upper

43 100

58 40.7 29.0 43.6



#52

Toluene

Concen: 49.915 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VY016605.D

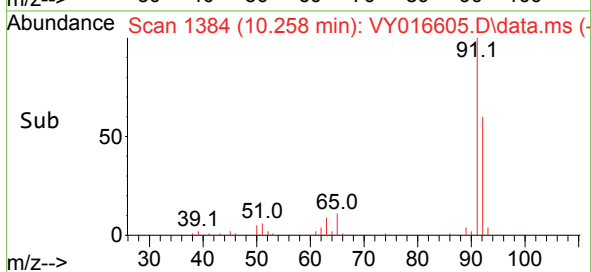
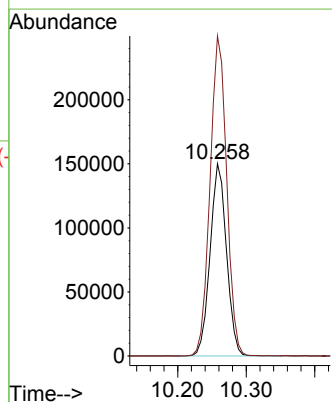
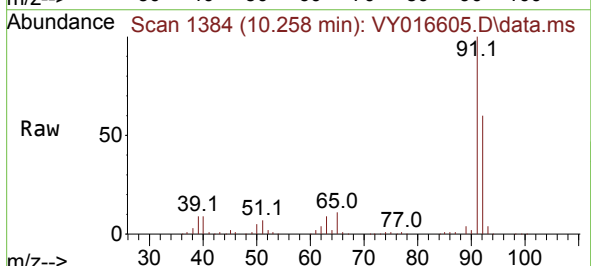
Acq: 05 Dec 2023 19:02

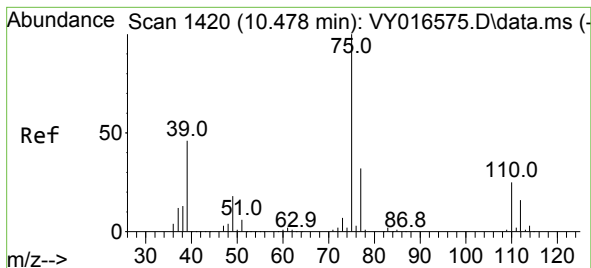
Tgt Ion: 92 Resp: 249885

Ion Ratio Lower Upper

92 100

91 168.9 143.8 215.6

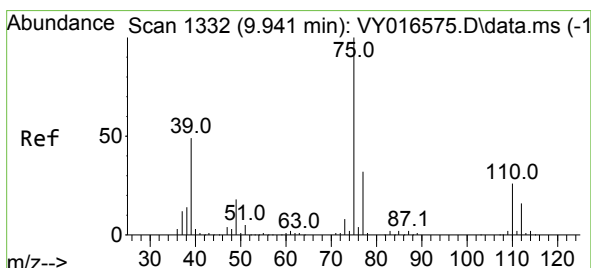
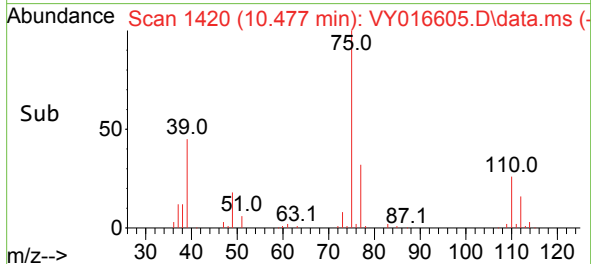
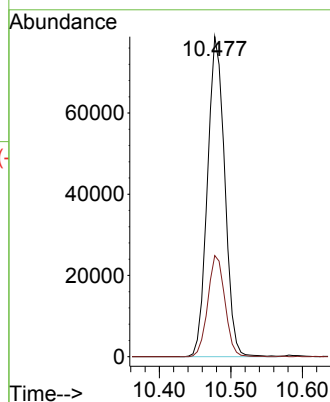
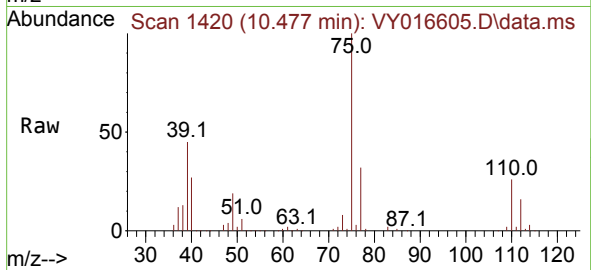




#53
 t-1,3-Dichloropropene
 Concen: 49.980 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

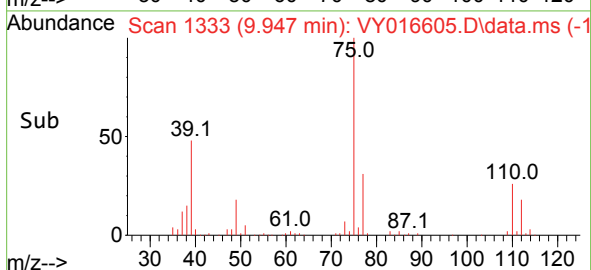
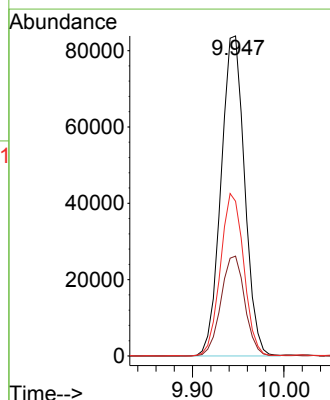
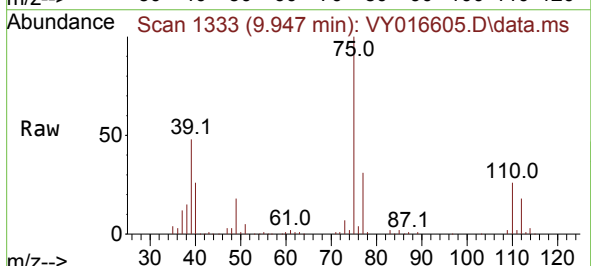
Instrument :
 MSVOA_Y
 ClientSampleId :

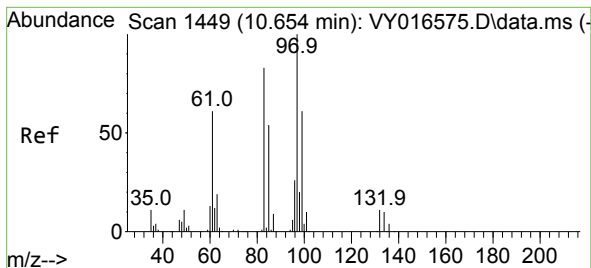
Tgt Ion: 75 Resp: 132386
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.386 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

Tgt Ion: 75 Resp: 150522
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.2 36.4
 39 48.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 48.120 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 70666

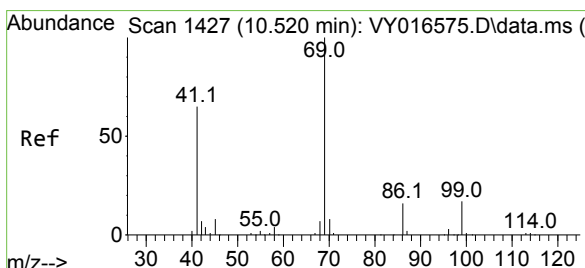
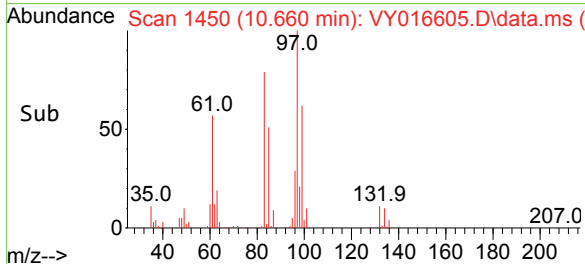
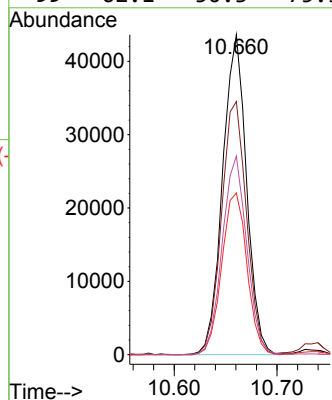
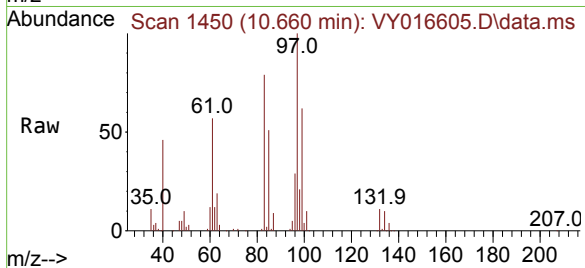
Ion Ratio Lower Upper

97 100

83 79.1 72.0 108.0

85 50.5 45.4 68.0

99 62.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.204 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

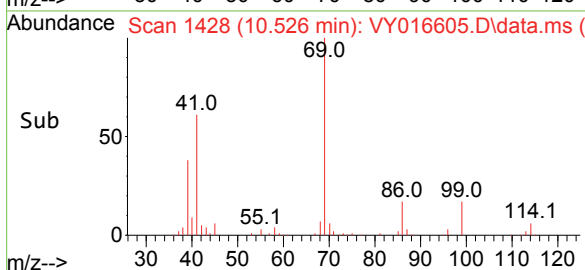
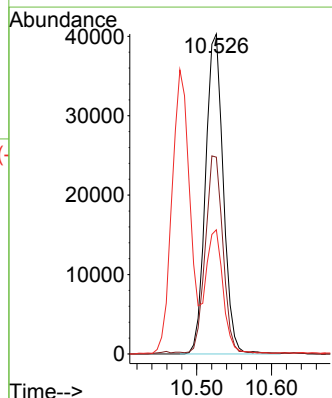
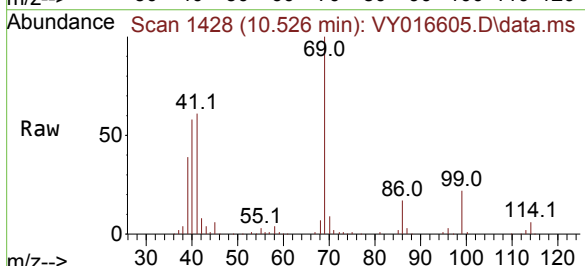
Tgt Ion: 69 Resp: 66234

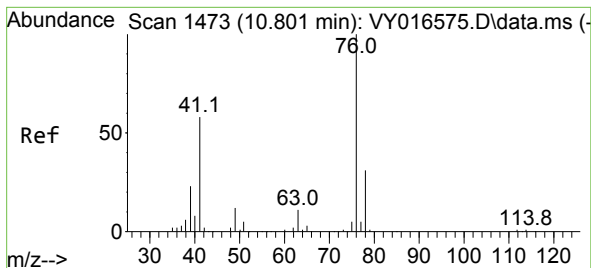
Ion Ratio Lower Upper

69 100

41 60.9 57.6 86.4

39 37.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 47.637 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

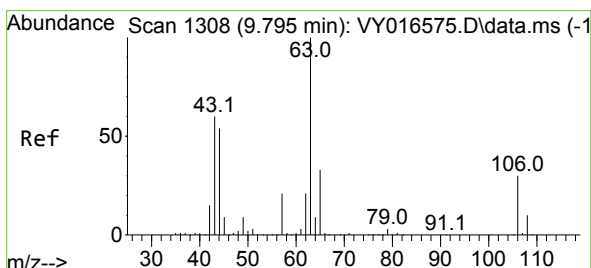
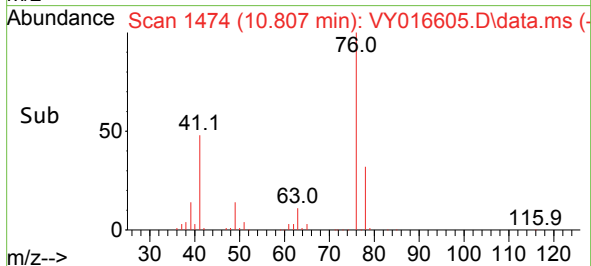
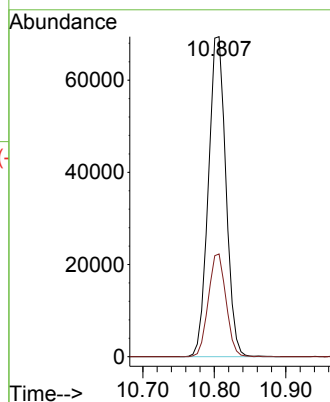
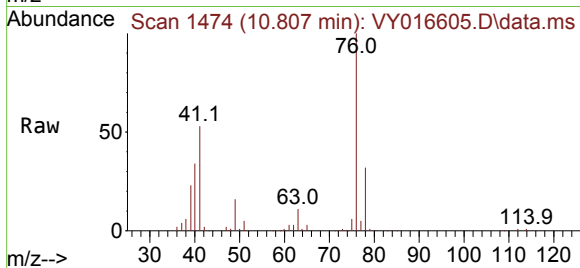
ClientSampleId :

Tgt Ion: 76 Resp: 118177

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 198.045 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016605.D

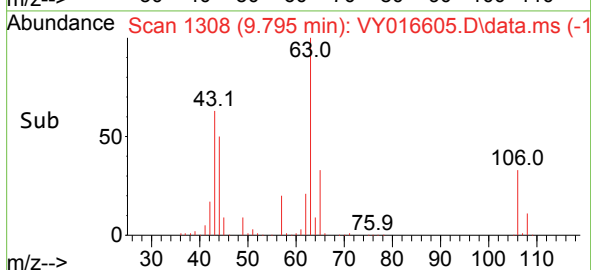
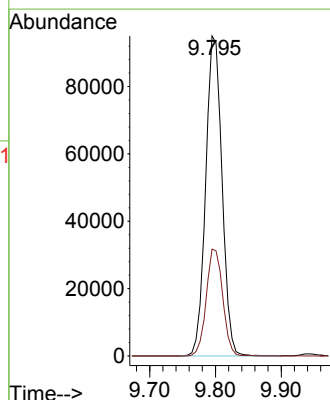
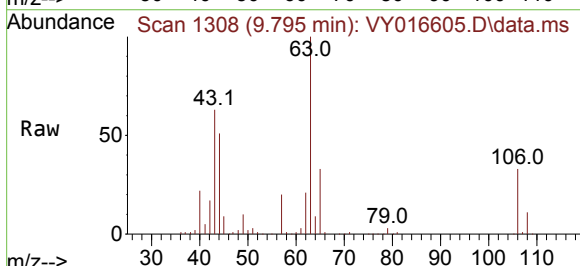
Acq: 05 Dec 2023 19:02

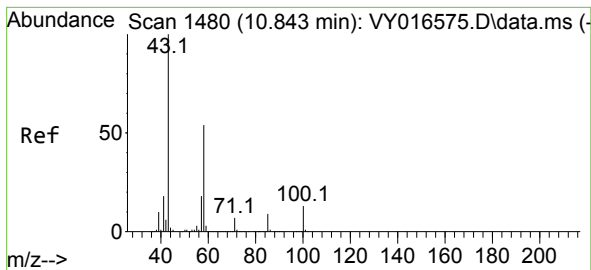
Tgt Ion: 63 Resp: 164288

Ion Ratio Lower Upper

63 100

106 33.6 21.2 31.8#

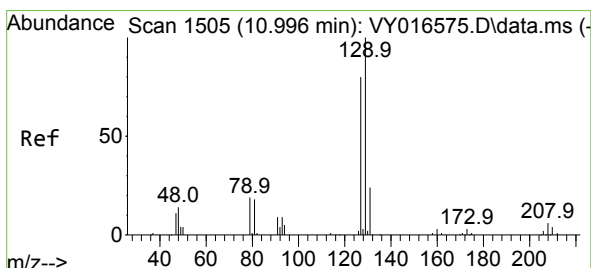
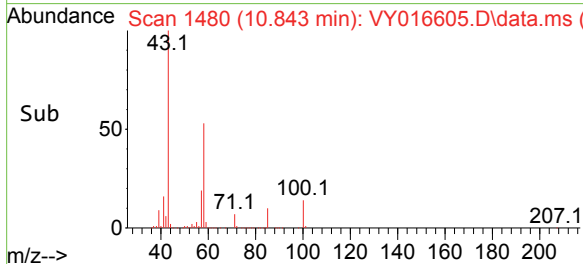
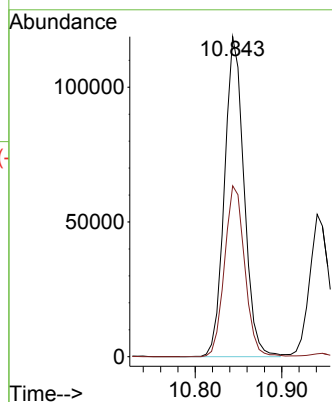
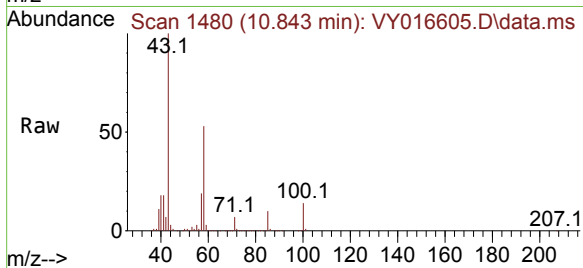




#59
2-Hexanone
Concen: 207.046 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

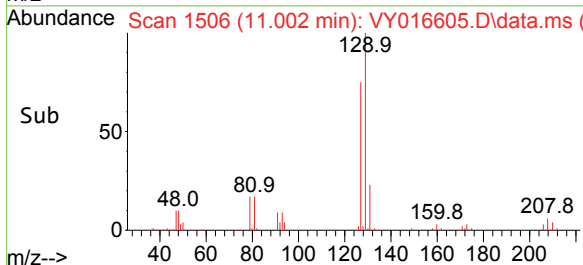
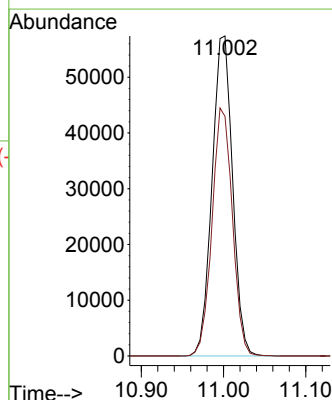
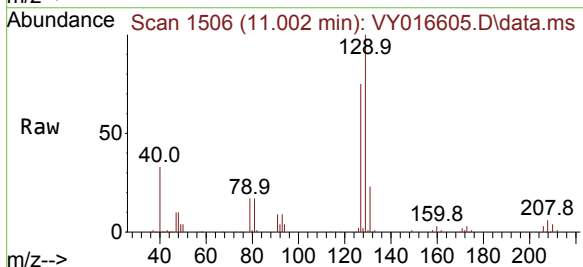
Instrument :
MSVOA_Y
ClientSampleId :

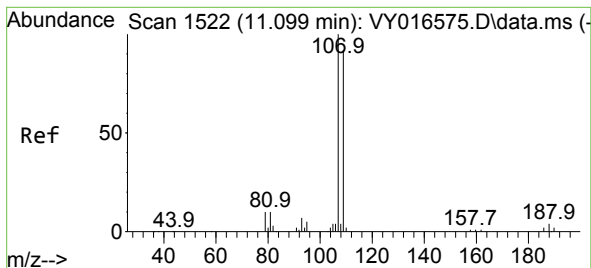
Tgt Ion: 43 Resp: 186199
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3



#60
Dibromochloromethane
Concen: 50.699 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion:129 Resp: 99480
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

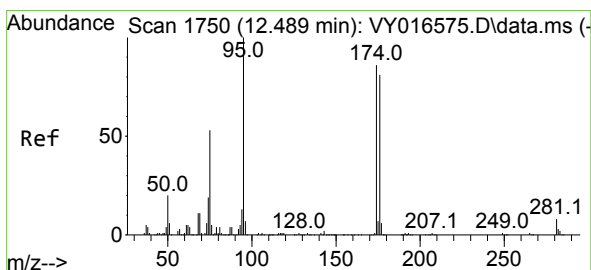
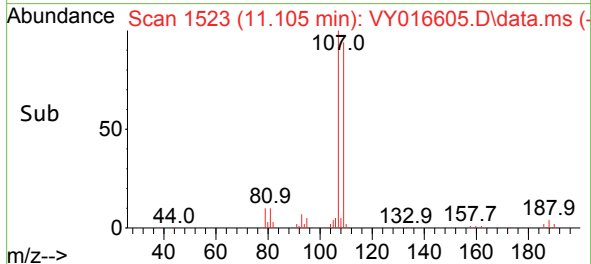
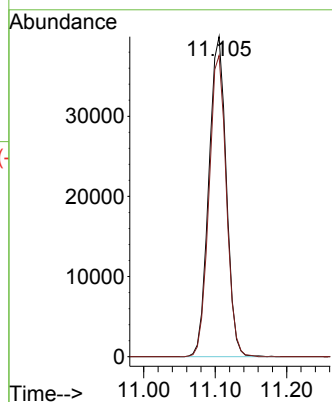
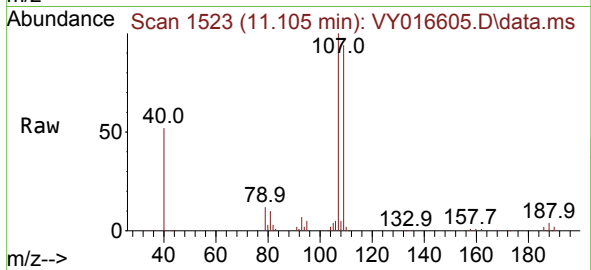




#61
 1,2-Dibromoethane
 Concen: 49.059 ug/l
 RT: 11.105 min Scan# 1523
 Delta R.T. 0.006 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

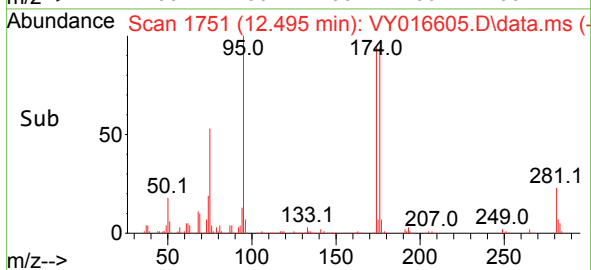
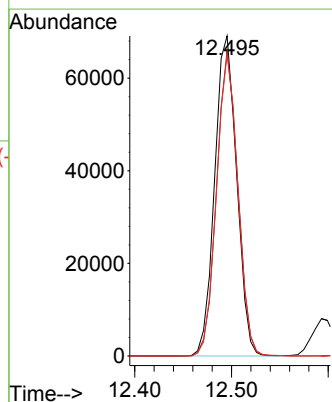
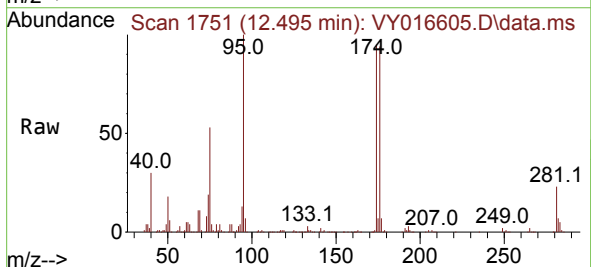
Instrument :
 MSVOA_Y
 ClientSampleId :

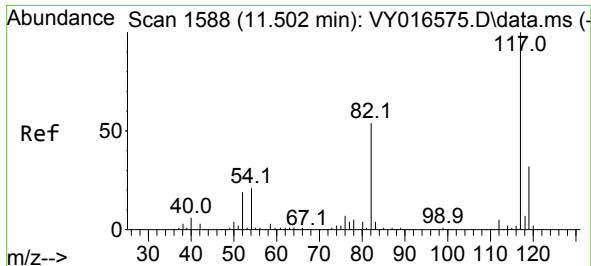
Tgt Ion:107 Resp: 67762
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.057 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. 0.006 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

Tgt Ion: 95 Resp: 109123
 Ion Ratio Lower Upper
 95 100
 174 91.9 0.0 178.2
 176 91.4 0.0 173.8

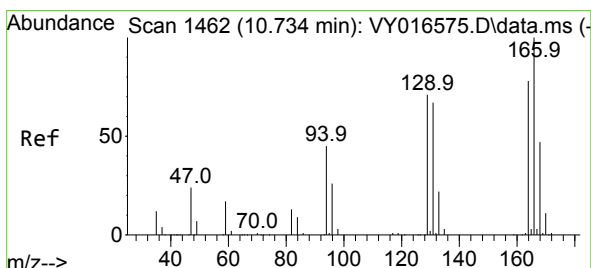
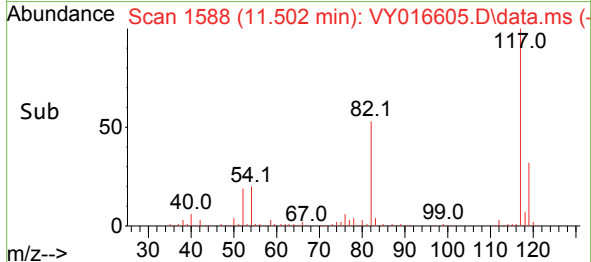
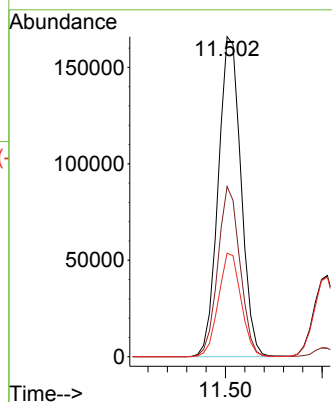
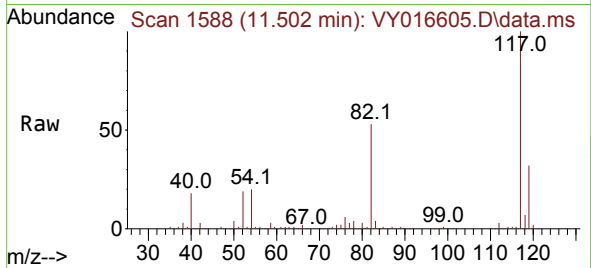




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

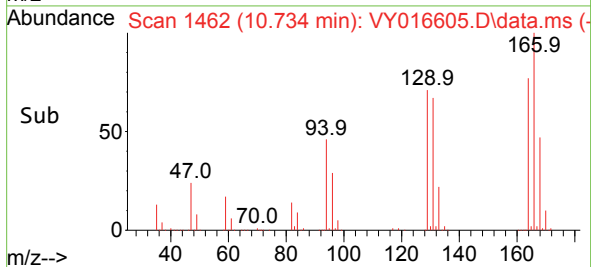
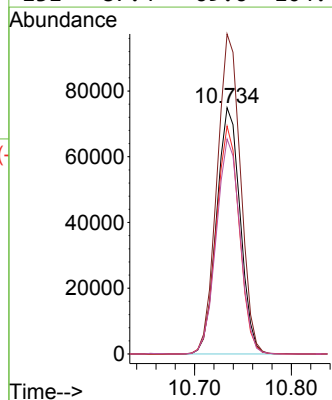
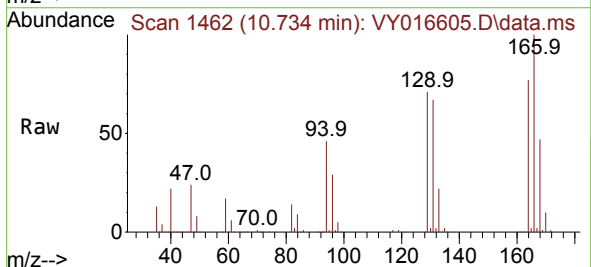
Instrument :
MSVOA_Y
ClientSampleId :

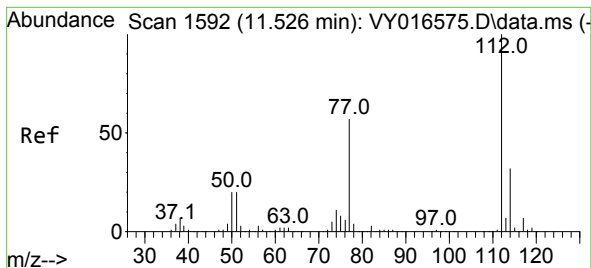
Tgt Ion:117 Resp: 270217
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 51.197 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion:164 Resp: 126788
Ion Ratio Lower Upper
164 100
166 130.0 103.0 154.6
129 92.6 77.2 115.8
131 87.4 69.6 104.4

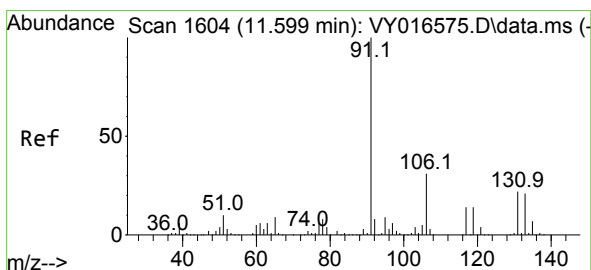
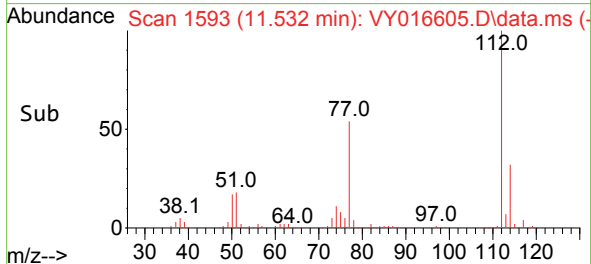
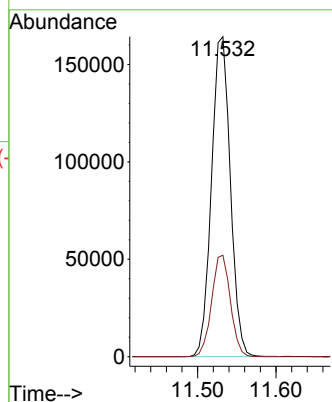
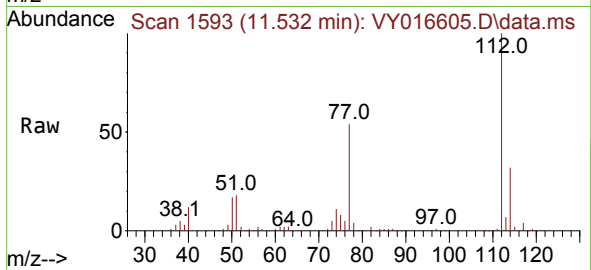




#65
Chlorobenzene
Concen: 50.245 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

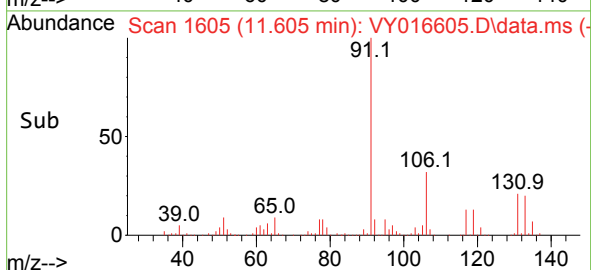
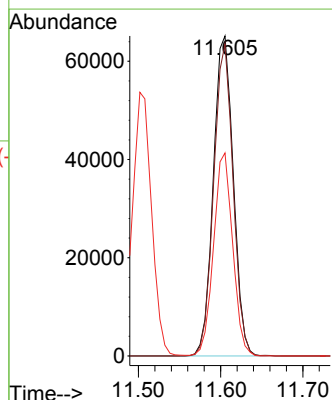
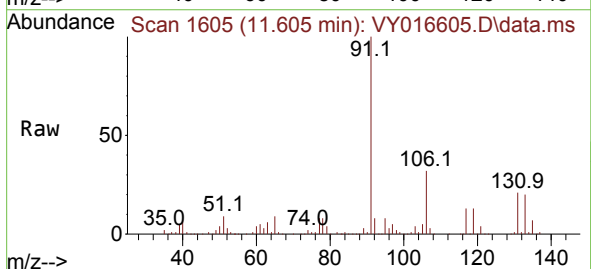
Instrument :
MSVOA_Y
ClientSampleId :

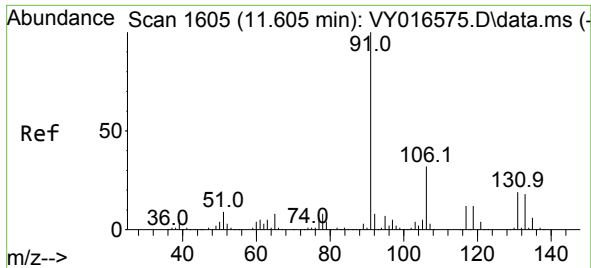
Tgt Ion:112 Resp: 274994
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.475 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

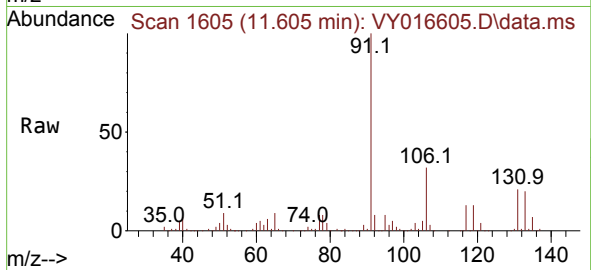
Tgt Ion:131 Resp: 110112
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 60.7 31.6 94.7



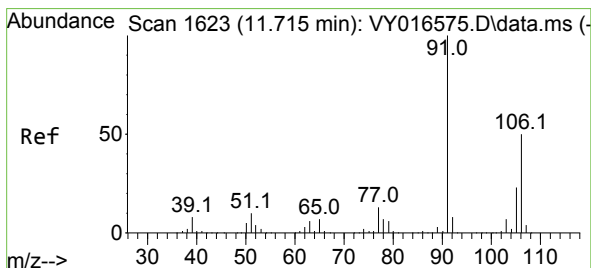
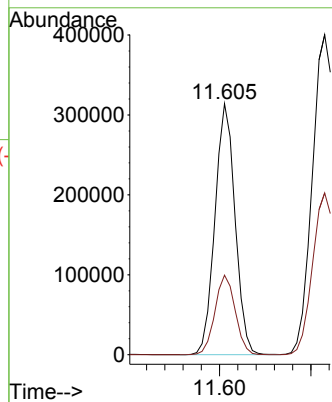
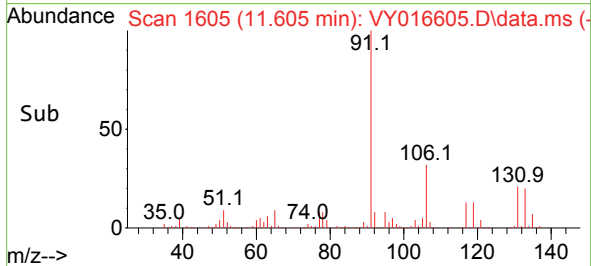


#67
Ethyl Benzene
Concen: 48.923 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

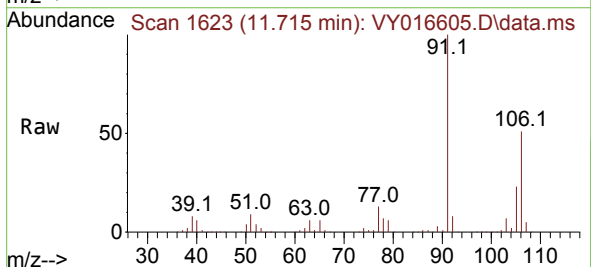
Instrument :
MSVOA_Y
ClientSampleId :



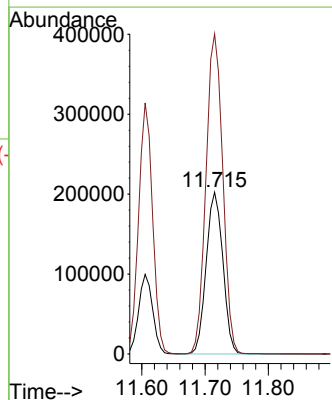
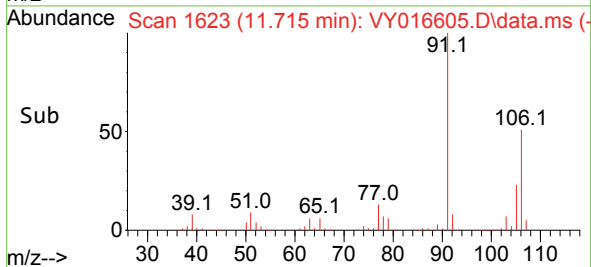
Tgt Ion: 91 Resp: 480206
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8

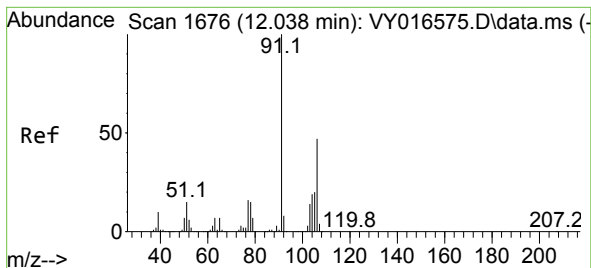


#68
m/p-Xylenes
Concen: 99.694 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion: 106 Resp: 371482
Ion Ratio Lower Upper
106 100
91 199.6 166.1 249.1





#69

o-Xylene

Concen: 51.133 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

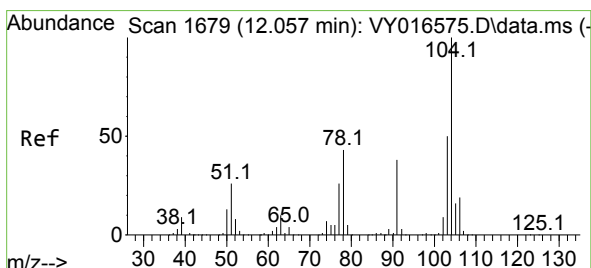
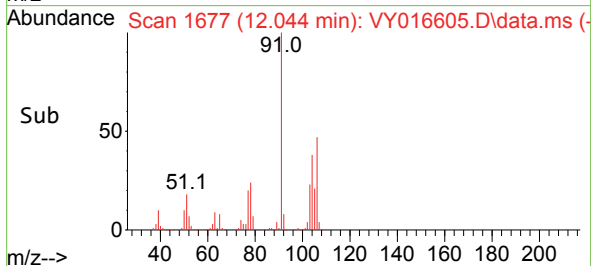
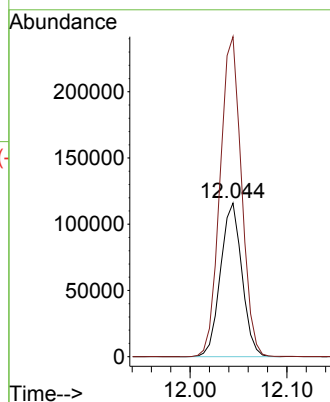
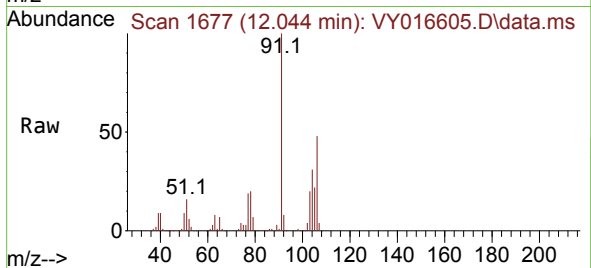
ClientSampleId :

Tgt Ion:106 Resp: 177867

Ion Ratio Lower Upper

106 100

91 209.3 108.1 324.3



#70

Styrene

Concen: 51.016 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

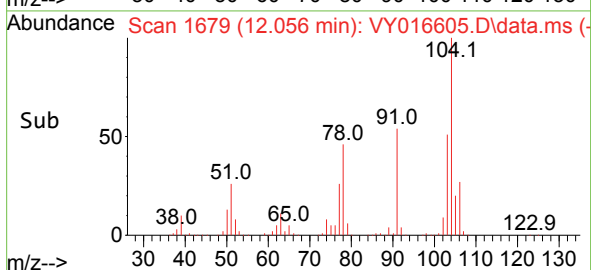
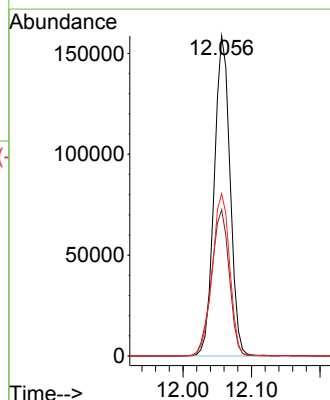
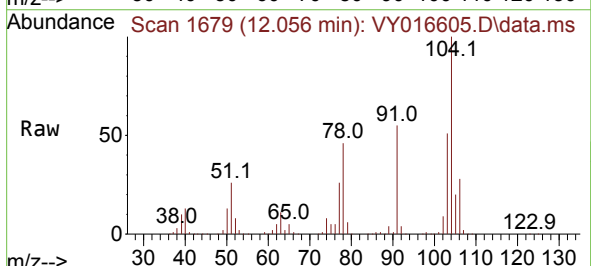
Tgt Ion:104 Resp: 254614

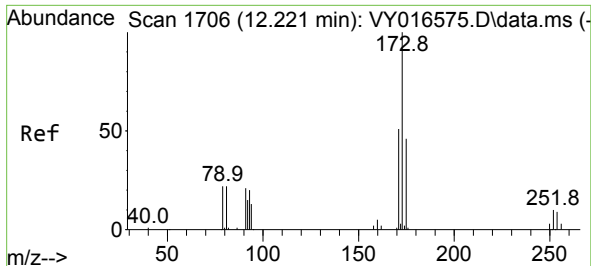
Ion Ratio Lower Upper

104 100

78 51.4 41.5 62.3

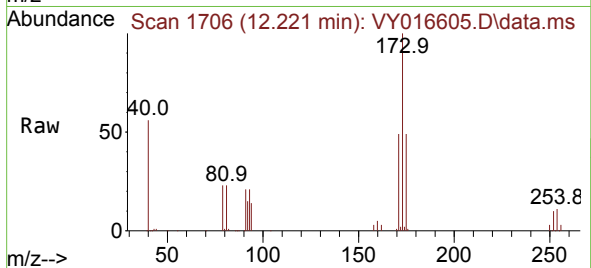
103 55.8 44.6 67.0



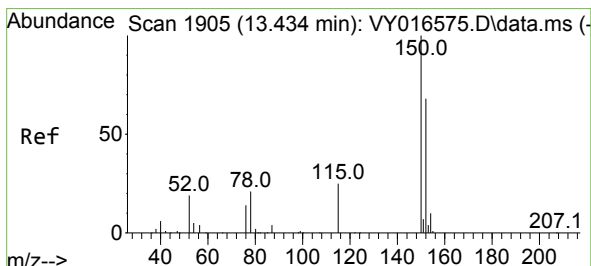
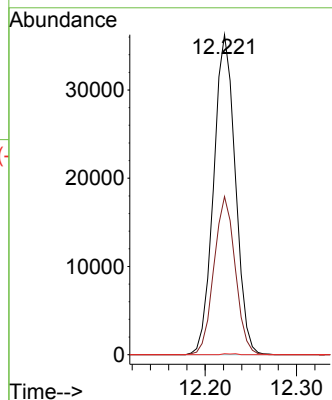
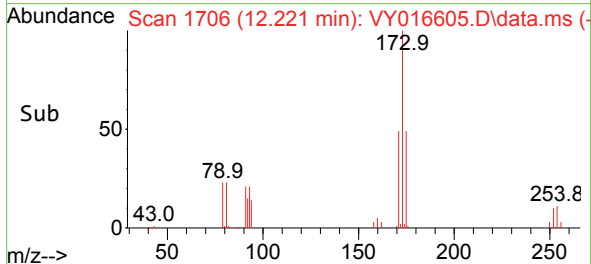


#71
Bromoform
Concen: 51.810 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

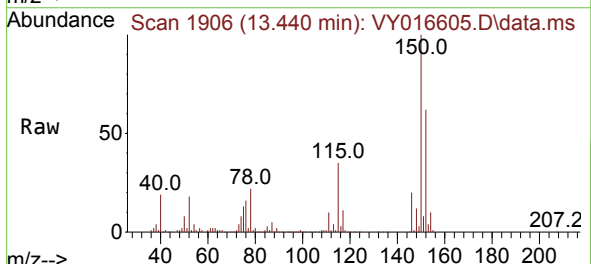
Instrument :
MSVOA_Y
ClientSampleId :



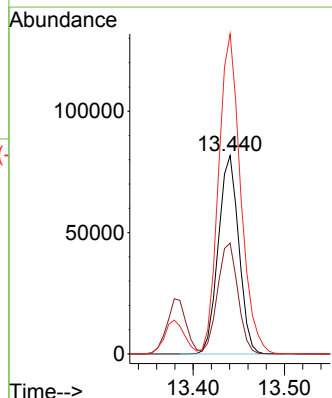
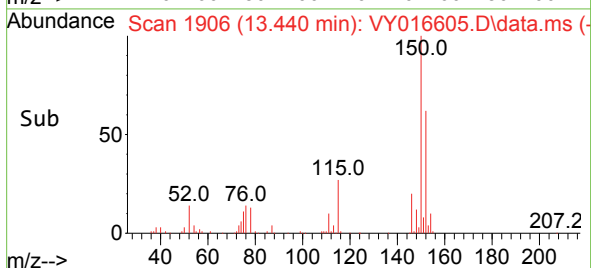
Tgt Ion:173 Resp: 59845
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.2 0.2 0.2

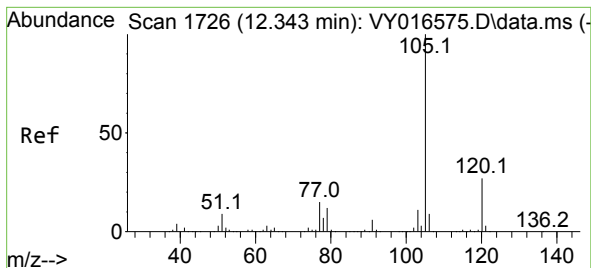


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion:152 Resp: 127453
Ion Ratio Lower Upper
152 100
115 55.7 28.8 86.5
150 173.2 0.0 348.8





#73

Isopropylbenzene

Concen: 51.252 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

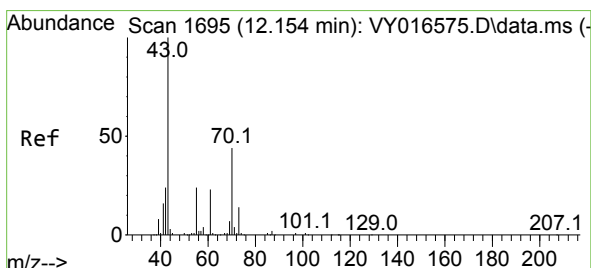
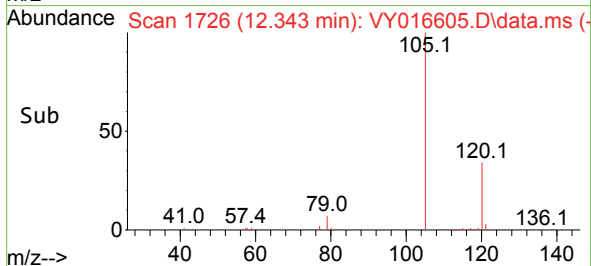
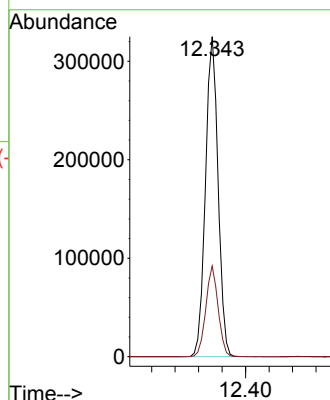
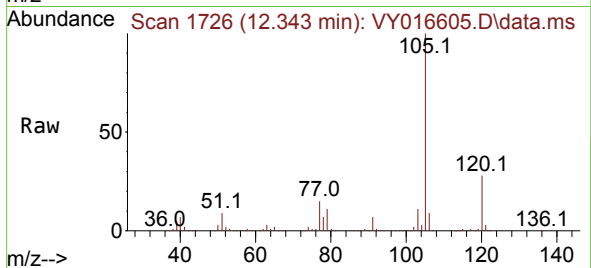
ClientSampleId :

Tgt Ion:105 Resp: 483690

Ion Ratio Lower Upper

105 100

120 27.7 13.3 39.9



#74

N-ethyl acetate

Concen: 44.690 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Tgt Ion: 43 Resp: 84099

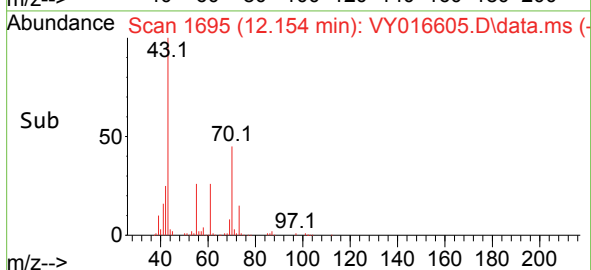
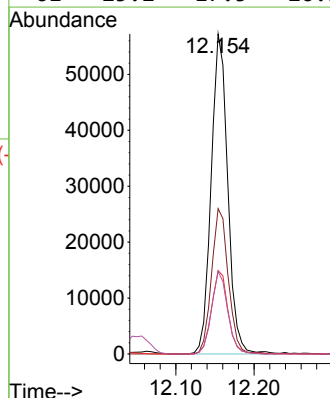
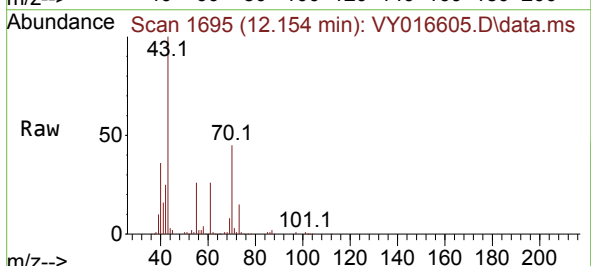
Ion Ratio Lower Upper

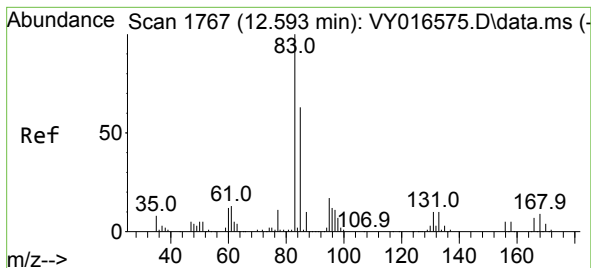
43 100

70 45.9 29.7 44.5

55 25.9 18.3 27.5

61 25.2 17.5 26.3

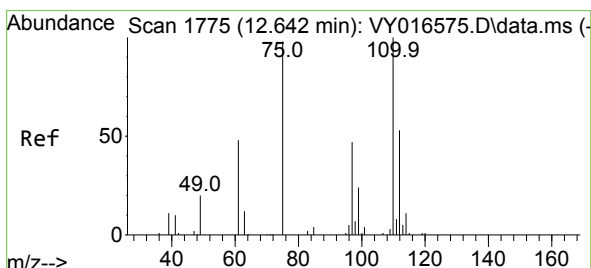
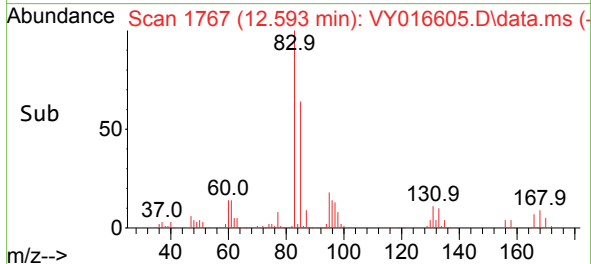
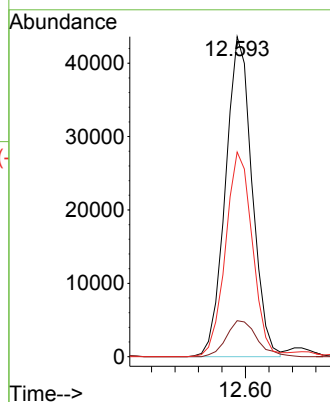
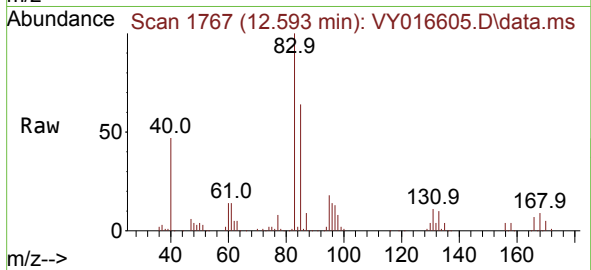




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.685 ug/l
 RT: 12.593 min Scan# 1767
 Delta R.T. -0.000 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

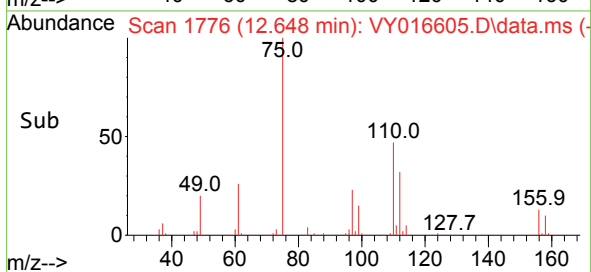
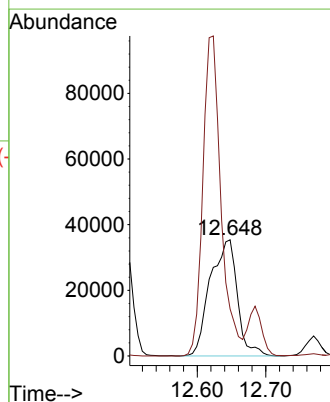
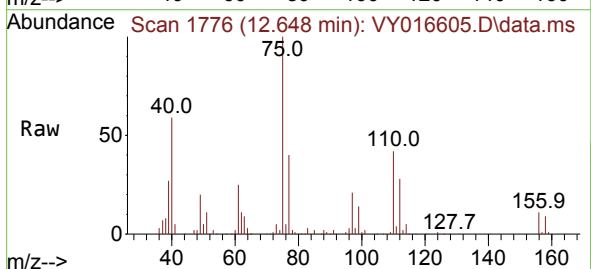
Instrument :
 MSVOA_Y
 ClientSampleId :

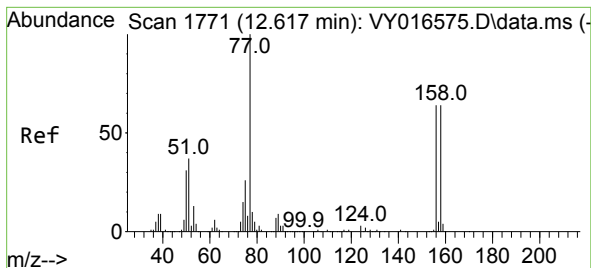
Tgt Ion: 83 Resp: 68576
 Ion Ratio Lower Upper
 83 100
 131 13.0 5.4 16.2
 85 64.9 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 84.551 ug/l
 RT: 12.648 min Scan# 1776
 Delta R.T. 0.006 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

Tgt Ion: 75 Resp: 97345
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.351 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

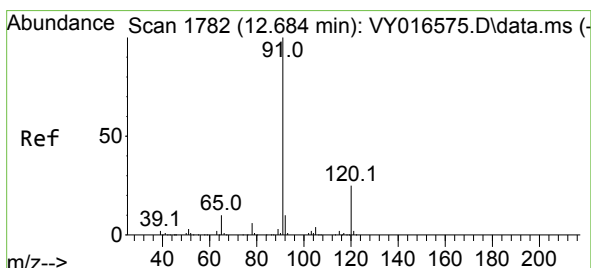
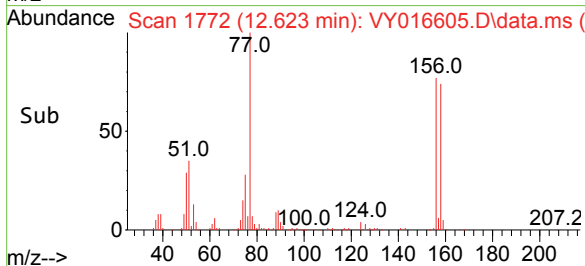
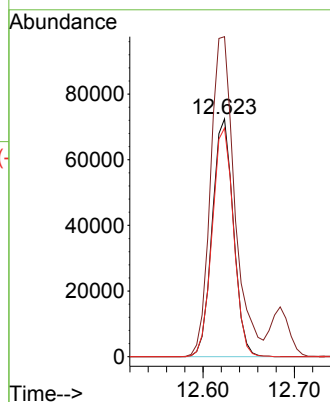
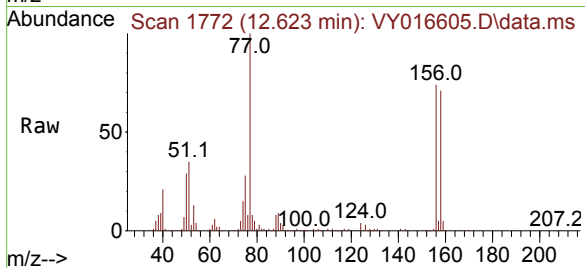
Tgt Ion:156 Resp: 116442

Ion Ratio Lower Upper

156 100

77 154.8 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 49.393 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016605.D

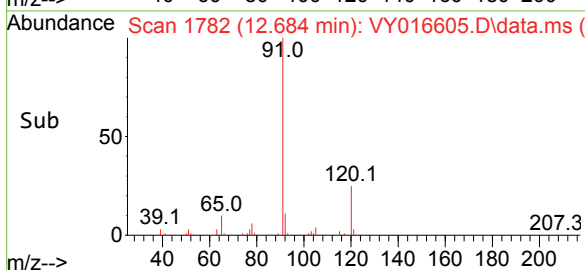
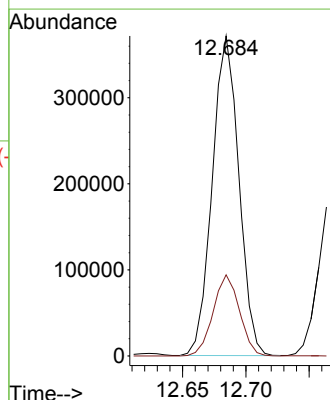
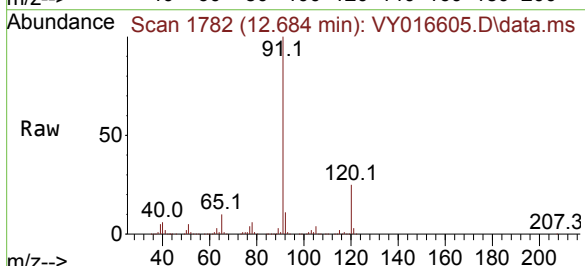
Acq: 05 Dec 2023 19:02

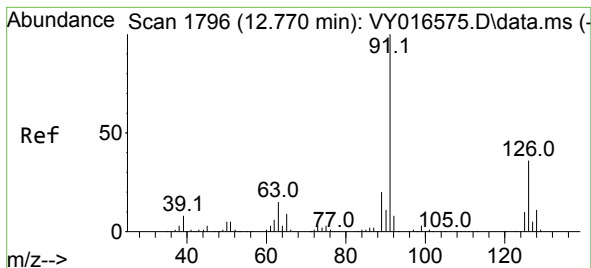
Tgt Ion: 91 Resp: 542568

Ion Ratio Lower Upper

91 100

120 25.1 11.5 34.4

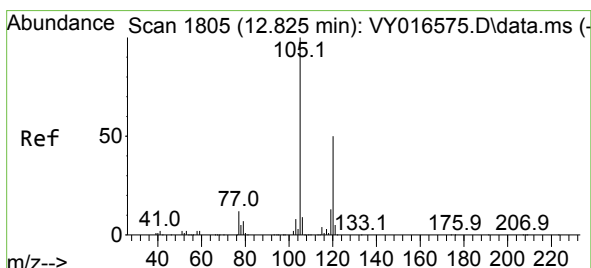
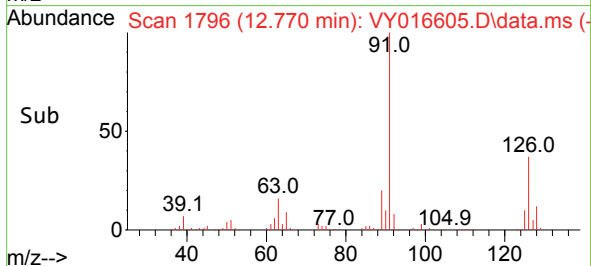
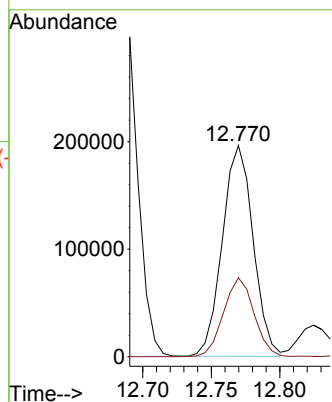
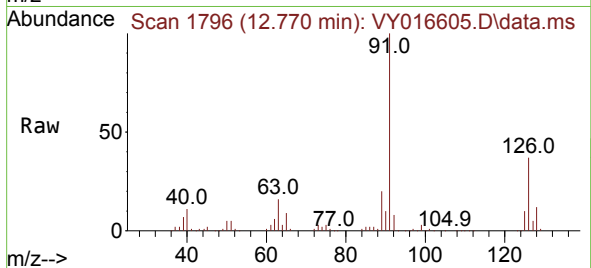




#79
2-Chlorotoluene
Concen: 49.548 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

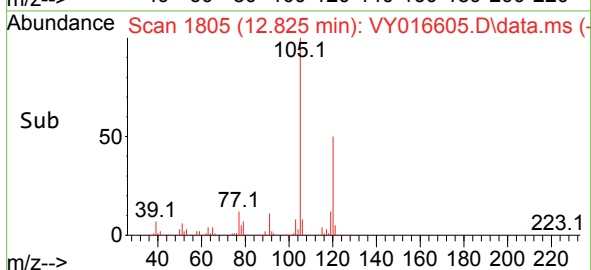
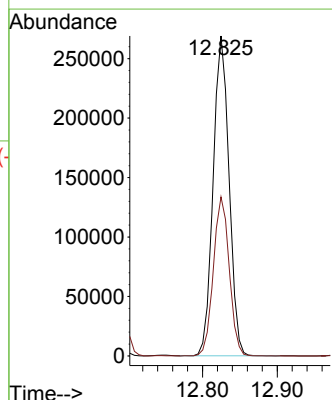
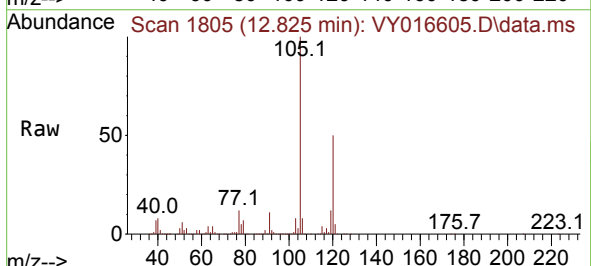
Instrument :
MSVOA_Y
ClientSampleId :

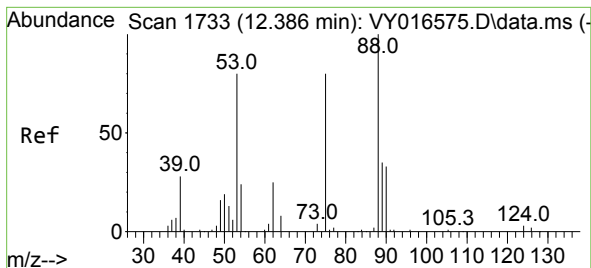
Tgt Ion: 91 Resp: 306700
Ion Ratio Lower Upper
91 100
126 37.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.837 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion:105 Resp: 397518
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

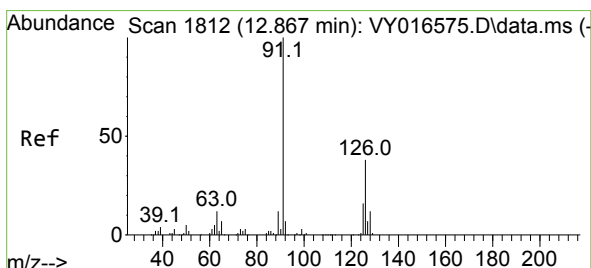
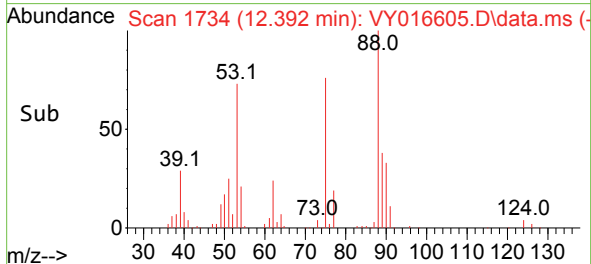
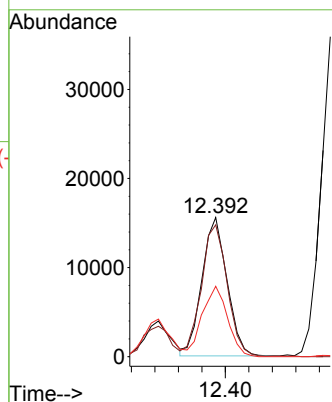
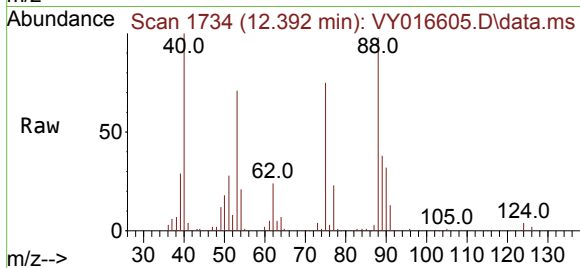




#81
trans-1,4-Dichloro-2-butene
Concen: 45.086 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

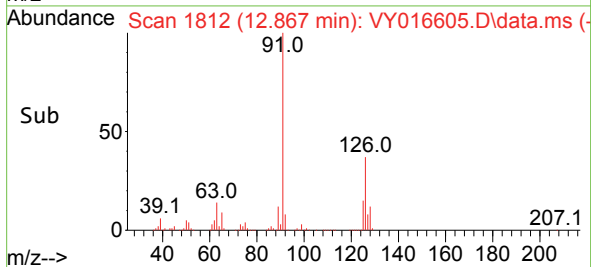
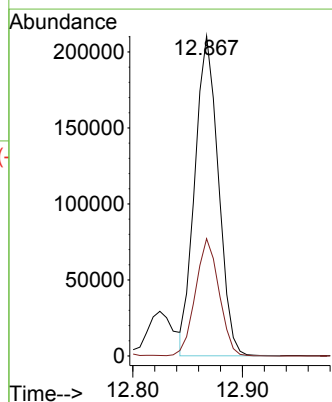
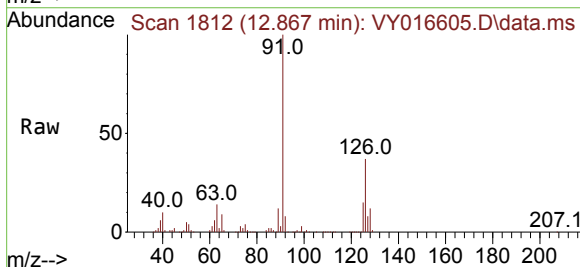
Instrument :
MSVOA_Y
ClientSampleId :

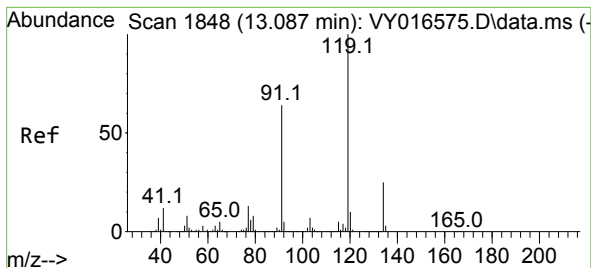
Tgt Ion: 75 Resp: 23011
Ion Ratio Lower Upper
75 100
53 98.2 77.8 116.8
89 51.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.745 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

Tgt Ion: 91 Resp: 312211
Ion Ratio Lower Upper
91 100
126 36.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.502 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

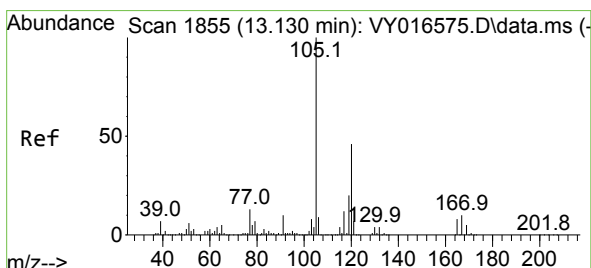
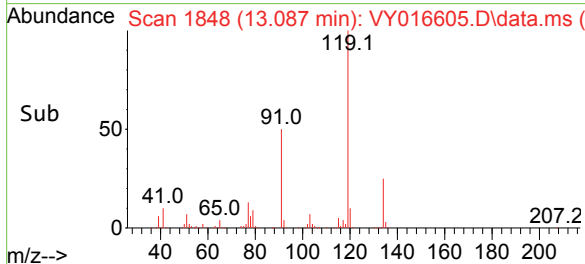
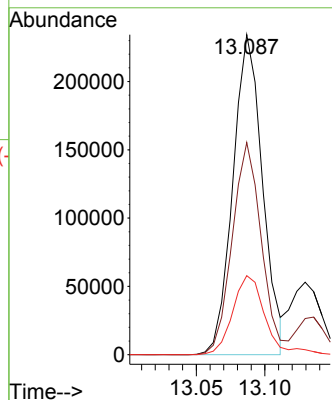
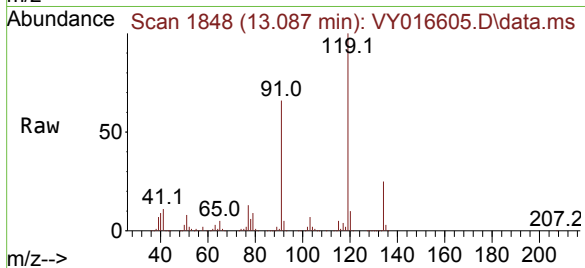
Tgt Ion:119 Resp: 352871

Ion Ratio Lower Upper

119 100

91 65.7 32.9 98.6

134 27.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.696 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016605.D

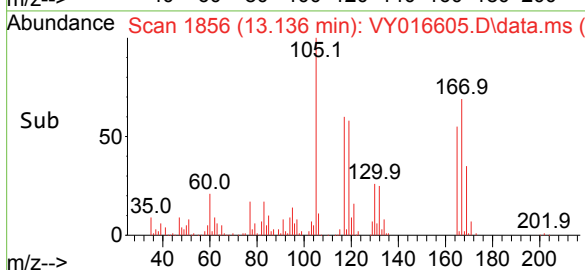
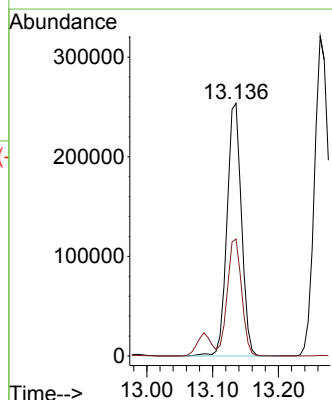
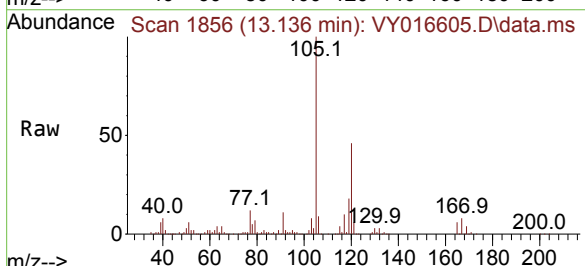
Acq: 05 Dec 2023 19:02

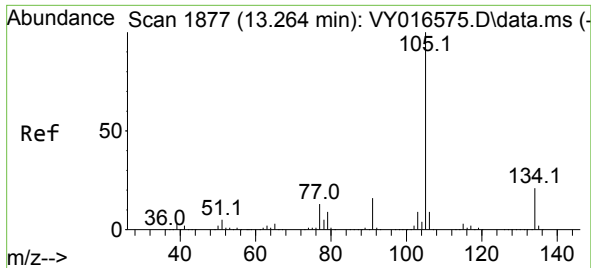
Tgt Ion:105 Resp: 387223

Ion Ratio Lower Upper

105 100

120 46.0 22.2 66.6

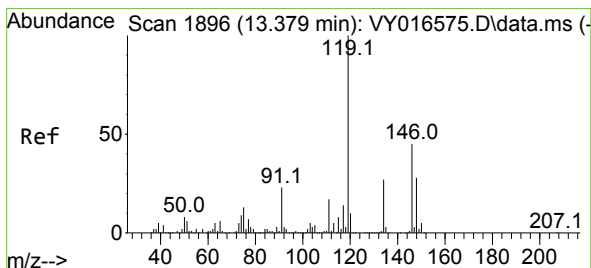
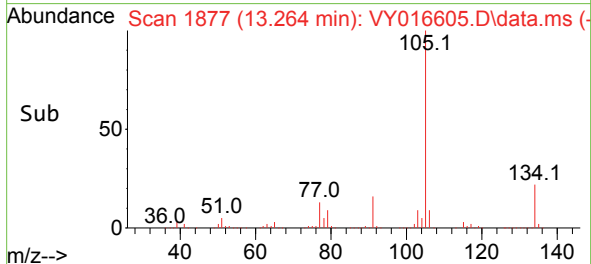
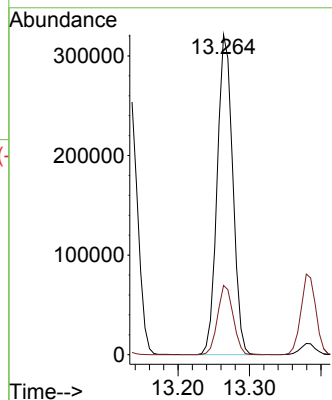
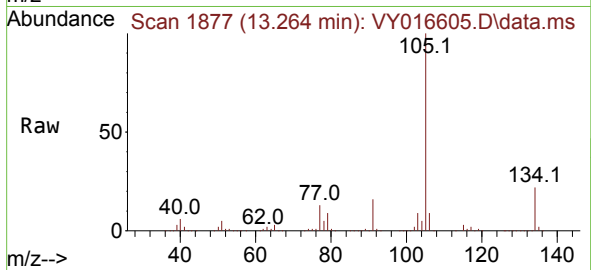




#85
 sec-Butylbenzene
 Concen: 50.313 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

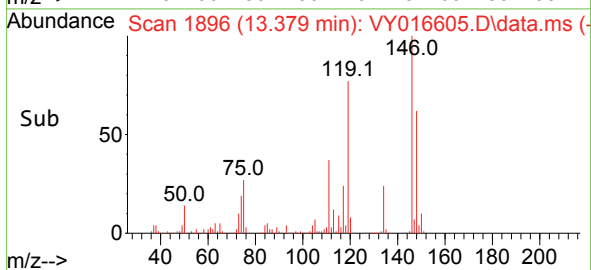
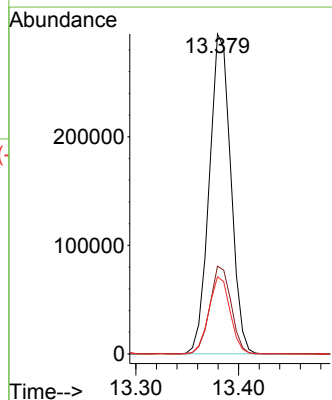
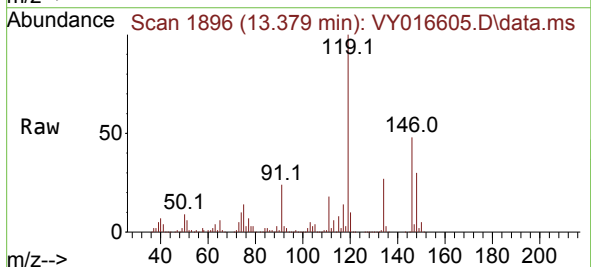
Instrument :
 MSVOA_Y
 ClientSampleId :

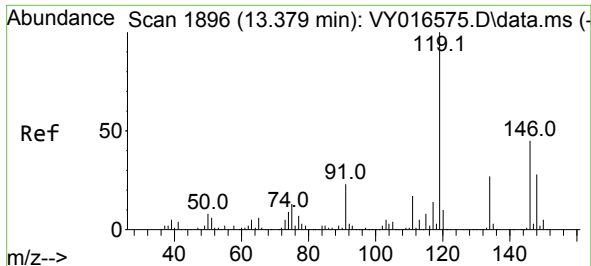
Tgt Ion:105 Resp: 484169
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.201 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016605.D
 Acq: 05 Dec 2023 19:02

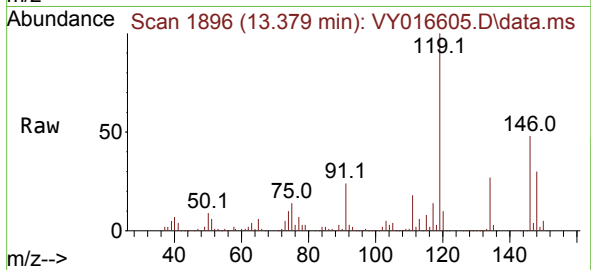
Tgt Ion:119 Resp: 427699
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 23.8 12.4 37.4



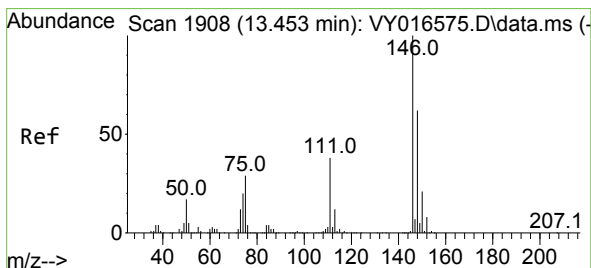
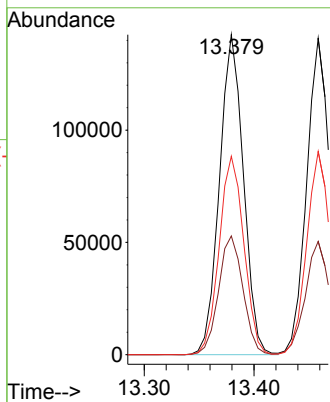
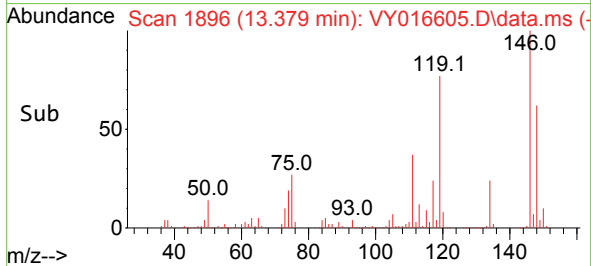


#87
1,3-Dichlorobenzene
Concen: 51.069 ug/l
RT: 13.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02

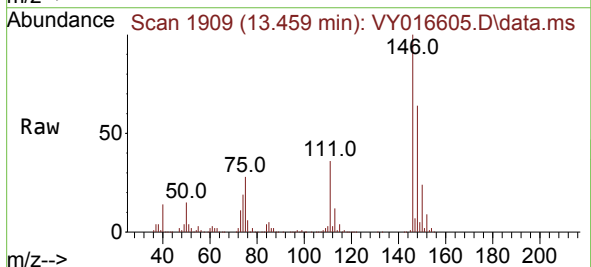
Instrument :
MSVOA_Y
ClientSampleId :



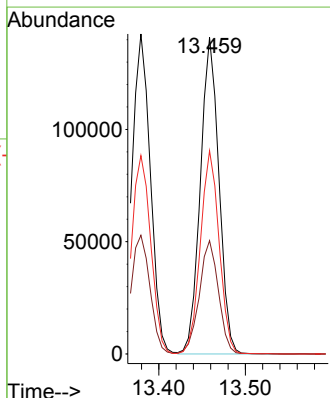
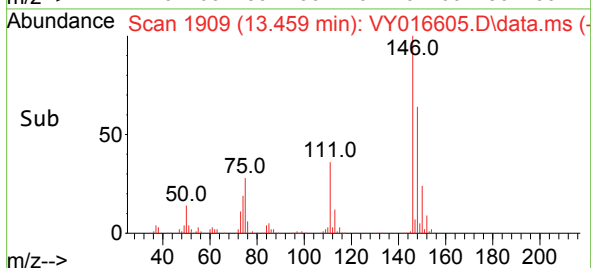
Tgt Ion:146 Resp: 216834
Ion Ratio Lower Upper
146 100
111 37.7 19.4 58.2
148 63.8 31.9 95.5

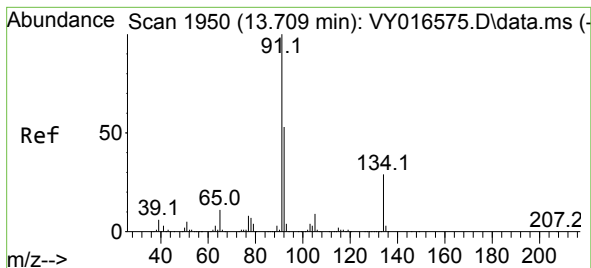


#88
1,4-Dichlorobenzene
Concen: 50.431 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016605.D
Acq: 05 Dec 2023 19:02



Tgt Ion:146 Resp: 210145
Ion Ratio Lower Upper
146 100
111 37.0 18.9 56.7
148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 49.258 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

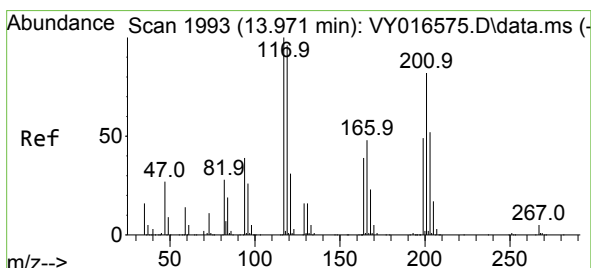
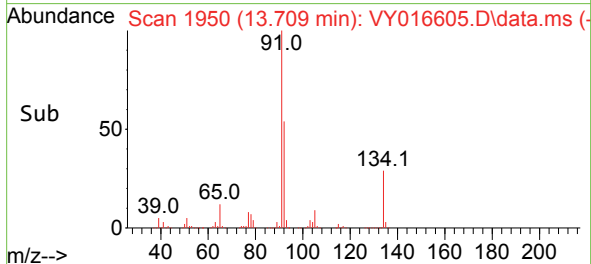
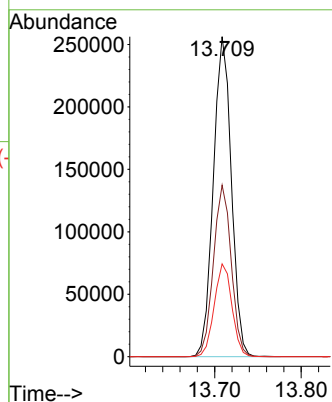
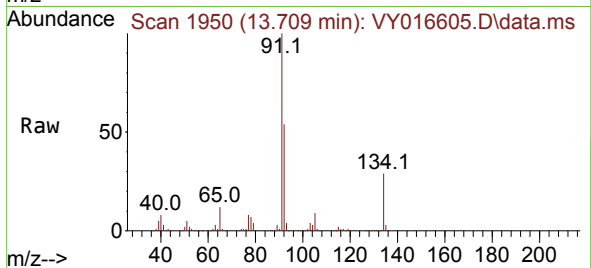
Tgt Ion: 91 Resp: 370039

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 28.5 12.6 37.6



#90

Hexachloroethane

Concen: 49.567 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016605.D

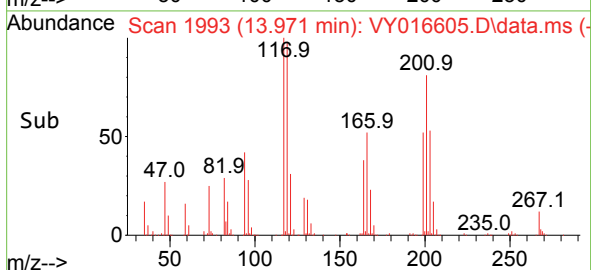
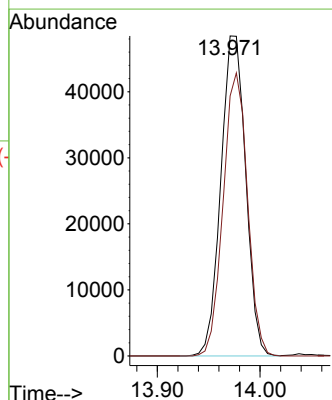
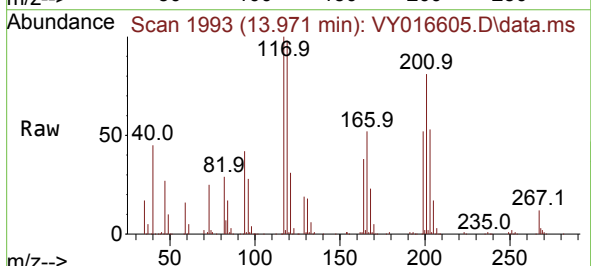
Acq: 05 Dec 2023 19:02

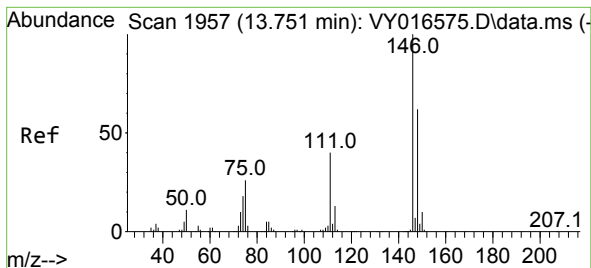
Tgt Ion: 117 Resp: 81469

Ion Ratio Lower Upper

117 100

201 86.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.847 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

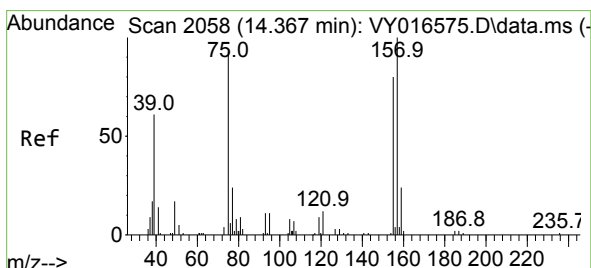
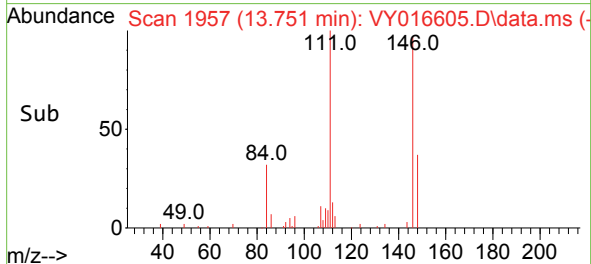
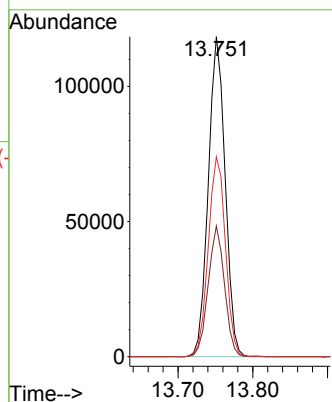
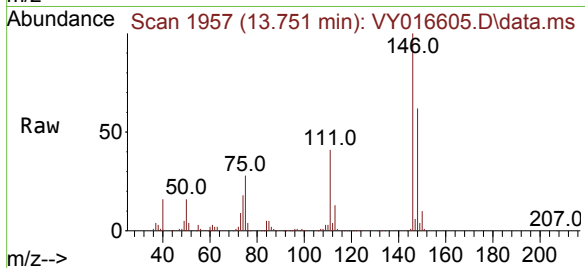
Tgt Ion:146 Resp: 185357

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.315 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

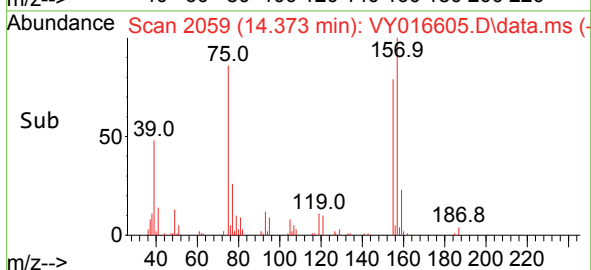
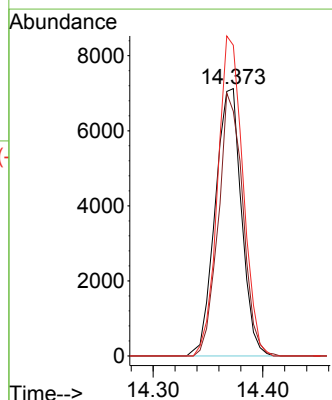
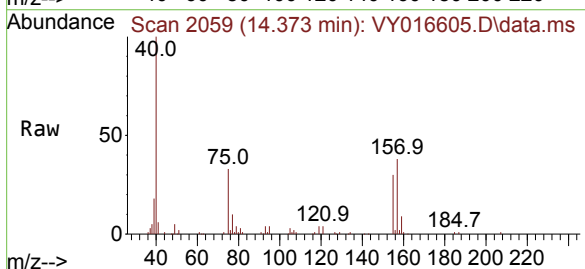
Tgt Ion: 75 Resp: 11846

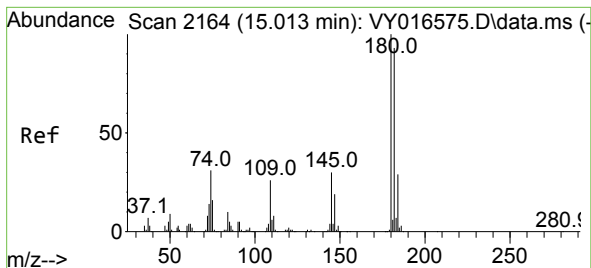
Ion Ratio Lower Upper

75 100

155 91.8 41.5 124.6

157 115.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 53.117 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

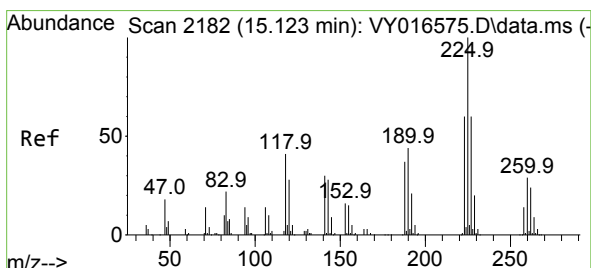
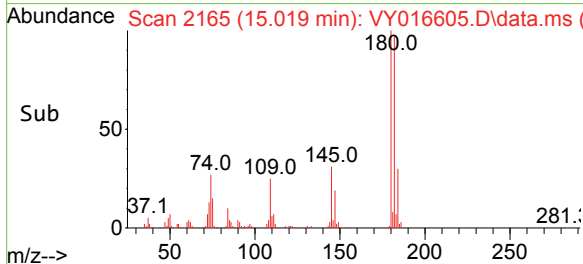
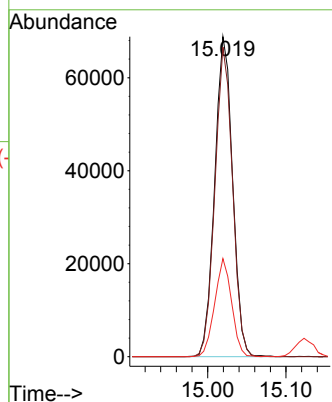
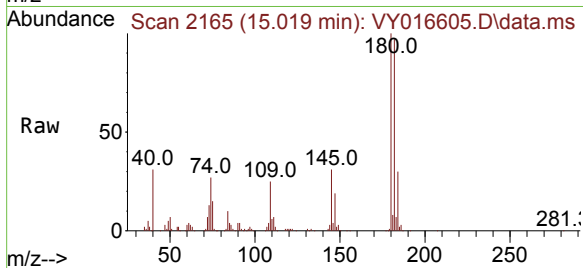
Tgt Ion:180 Resp: 109263

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 29.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.404 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

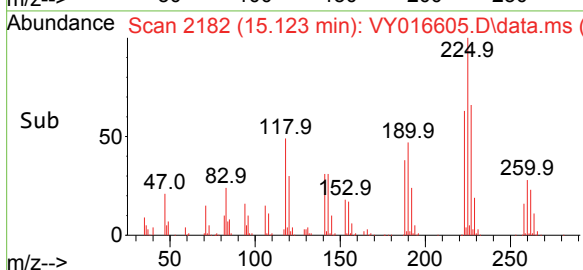
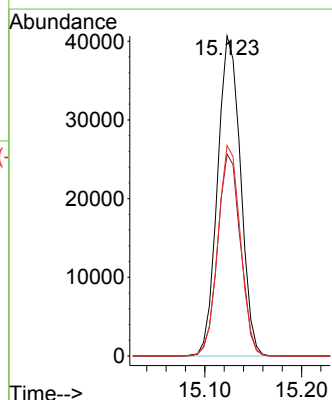
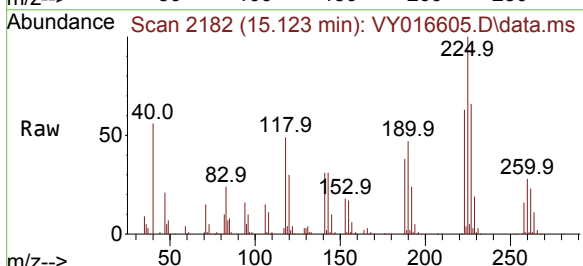
Tgt Ion:225 Resp: 66806

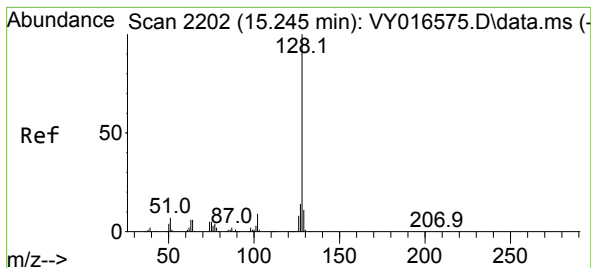
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 53.944 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

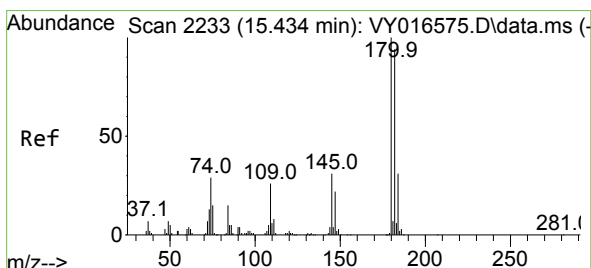
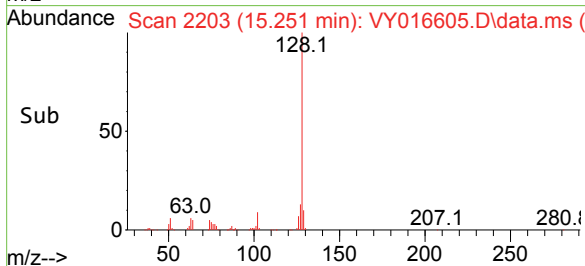
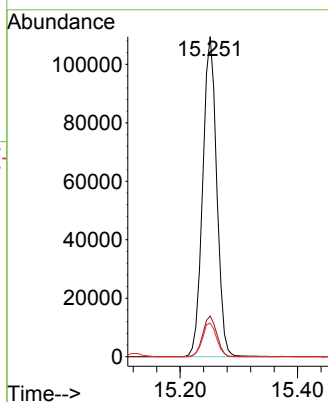
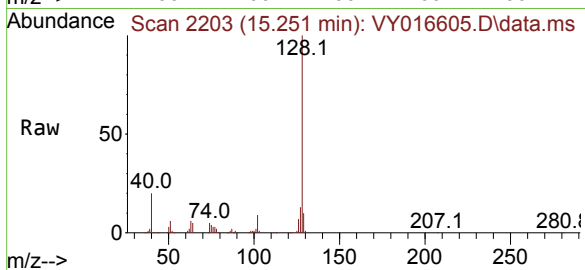
Tgt Ion:128 Resp: 181237

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.299 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016605.D

Acq: 05 Dec 2023 19:02

Tgt Ion:180 Resp: 88040

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 31.9 15.4 46.2

