

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016425.D
 Acq On : 20 Nov 2023 15:16
 Operator : SY/MD
 Sample : VY1120SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 05:13:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	155299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	248846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	215210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	102480	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	69897	49.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.500%
35) Dibromofluoromethane	7.734	113	77243	54.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.280%
50) Toluene-d8	10.191	98	293821	51.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.520%
62) 4-Bromofluorobenzene	12.495	95	95833	51.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	29579	19.452	ug/l	97
3) Chloromethane	2.125	50	30801	17.295	ug/l	98
4) Vinyl Chloride	2.259	62	33314	17.396	ug/l	97
5) Bromomethane	2.662	94	20809	16.535	ug/l	95
6) Chloroethane	2.808	64	21758	17.806	ug/l	98
7) Trichlorofluoromethane	3.137	101	57525	20.647	ug/l	100
8) Diethyl Ether	3.540	74	15545	18.668	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.918	101	34327	20.456	ug/l	96
10) Methyl Iodide	4.107	142	35073	19.352	ug/l	99
11) Tert butyl alcohol	4.979	59	9959	89.601	ug/l #	82
12) 1,1-Dichloroethene	3.893	96	30489	19.428	ug/l	86
13) Acrolein	3.741	56	10551	78.701	ug/l	100
14) Allyl chloride	4.503	41	41354	18.569	ug/l #	92
15) Acrylonitrile	5.186	53	31042	93.937	ug/l	99
16) Acetone	3.960	43	29402	125.231	ug/l #	85
17) Carbon Disulfide	4.216	76	77787	16.428	ug/l	98
18) Methyl Acetate	4.497	43	22821	18.293	ug/l #	88
19) Methyl tert-butyl Ether	5.241	73	72458	19.076	ug/l	100
20) Methylene Chloride	4.735	84	82724	49.867	ug/l	87
21) trans-1,2-Dichloroethene	5.241	96	34177	18.914	ug/l	86
22) Diisopropyl ether	6.137	45	91219	19.006	ug/l #	87
23) Vinyl Acetate	6.082	43	209585	90.122	ug/l #	90
24) 1,1-Dichloroethane	6.039	63	59172	19.984	ug/l	95
25) 2-Butanone	7.003	43	43403	105.544	ug/l #	87
26) 2,2-Dichloropropane	7.003	77	56512	20.971	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	39173	20.117	ug/l	90
28) Bromochloromethane	7.356	49	20199	18.433	ug/l #	78
29) Tetrahydrofuran	7.362	42	23288	85.677	ug/l #	85
30) Chloroform	7.527	83	64427	20.905	ug/l	95
31) Cyclohexane	7.807	56	49311	17.646	ug/l #	79
32) 1,1,1-Trichloroethane	7.722	97	59421	21.033	ug/l	95
36) 1,1-Dichloropropene	7.935	75	48813	19.886	ug/l	99
37) Ethyl Acetate	7.094	43	17993	18.142	ug/l #	94
38) Carbon Tetrachloride	7.917	117	55001	21.590	ug/l	98
39) Methylcyclohexane	9.197	83	56775	18.563	ug/l	92
40) Benzene	8.173	78	138683	20.110	ug/l	98

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9104	18.206	ug/l	92
42) 1,2-Dichloroethane	8.252	62	35598	19.922	ug/l	92
43) Isopropyl Acetate	8.289	43	33592	17.522	ug/l #	86
44) Trichloroethene	8.953	130	40552	20.460	ug/l	99
45) 1,2-Dichloropropane	9.228	63	33461	20.203	ug/l	96
46) Dibromomethane	9.319	93	17914	19.960	ug/l	98
47) Bromodichloromethane	9.508	83	47775	20.705	ug/l	95
48) Methyl methacrylate	9.307	41	18616	17.570	ug/l #	83
49) 1,4-Dioxane	9.313	88	3564	374.045	ug/l #	66
51) 4-Methyl-2-Pentanone	10.081	43	87515	90.275	ug/l	89
52) Toluene	10.258	92	87662	20.109	ug/l	96
53) t-1,3-Dichloropropene	10.478	75	45272	20.239	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	53351	19.969	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	25730	20.800	ug/l	95
56) Ethyl methacrylate	10.520	69	21725	18.605	ug/l #	83
57) 1,3-Dichloropropane	10.801	76	42688	20.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	70936	89.589	ug/l	91
59) 2-Hexanone	10.843	43	70421	97.660	ug/l	88
60) Dibromochloromethane	10.996	129	32366	20.921	ug/l	97
61) 1,2-Dibromoethane	11.099	107	23960	20.331	ug/l	99
64) Tetrachloroethene	10.734	164	40965	21.199	ug/l	97
65) Chlorobenzene	11.526	112	95726	20.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	36432	21.482	ug/l	99
67) Ethyl Benzene	11.605	91	168077	20.340	ug/l	98
68) m/p-Xylenes	11.715	106	129721	41.389	ug/l	93
69) o-Xylene	12.038	106	59946	20.600	ug/l	96
70) Styrene	12.057	104	88071	21.136	ug/l	98
71) Bromoform	12.221	173	18622	21.162	ug/l #	99
73) Isopropylbenzene	12.343	105	168605	20.317	ug/l	100
74) N-amyl acetate	12.154	43	27322	16.391	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.593	83	25198	18.923	ug/l	96
76) 1,2,3-Trichloropropane	12.642	75	34089	34.676	ug/l #	100
77) Bromobenzene	12.623	156	37427	19.955	ug/l	94
78) n-propylbenzene	12.684	91	198936	20.285	ug/l	98
79) 2-Chlorotoluene	12.770	91	108975	20.163	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	138333	20.675	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	8619	19.030	ug/l	88
82) 4-Chlorotoluene	12.867	91	113352	20.297	ug/l	99
83) tert-Butylbenzene	13.087	119	122937	20.860	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	135935	20.633	ug/l	98
85) sec-Butylbenzene	13.264	105	174683	20.748	ug/l	100
86) p-Isopropyltoluene	13.379	119	150309	20.733	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	74230	20.572	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	74171	21.033	ug/l	98
89) n-Butylbenzene	13.709	91	138031	20.617	ug/l	96
90) Hexachloroethane	13.971	117	29196	20.877	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	63525	20.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3712	17.521	ug/l	82
93) 1,2,4-Trichlorobenzene	15.019	180	37069	20.539	ug/l	99
94) Hexachlorobutadiene	15.123	225	23479	22.707	ug/l	97
95) Naphthalene	15.245	128	61600	19.083	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	30279	20.283	ug/l	99

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ALS Vial : 16 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

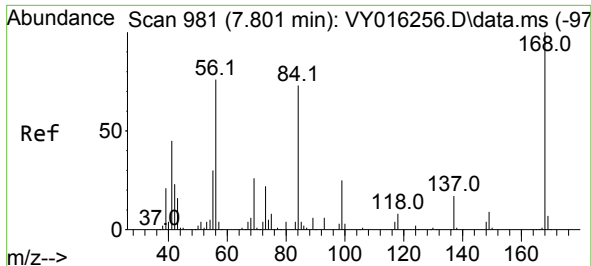
Quant Time: Nov 21 05:13:40 2023
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QLast Update : Thu Nov 09 00:45:52 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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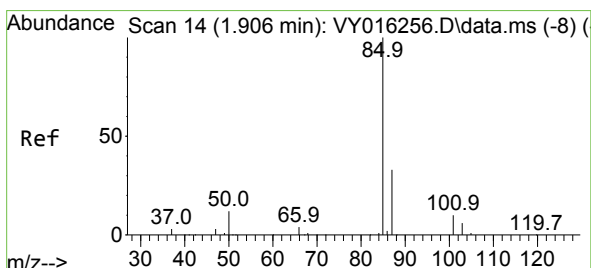
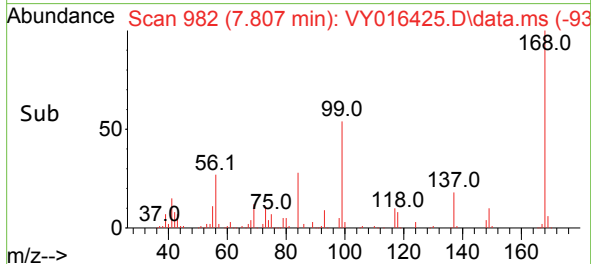
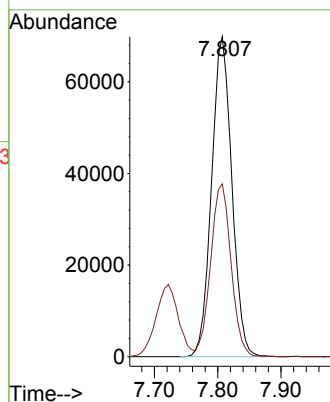
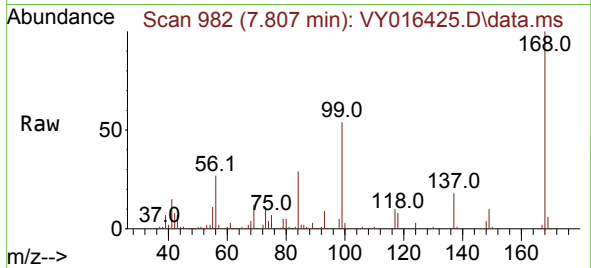




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016425.D
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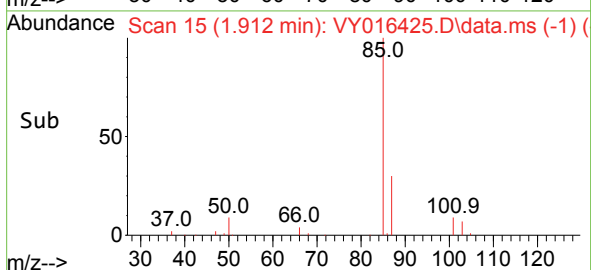
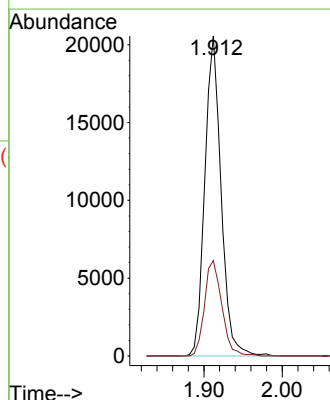
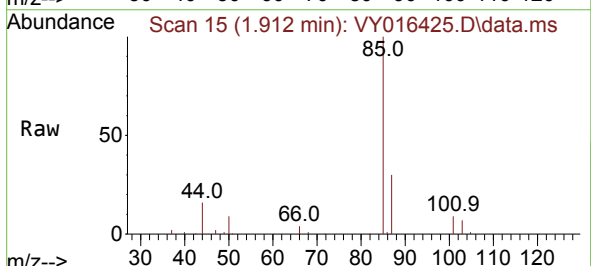
Instrument :
MSVOA_Y
ClientSampleId :

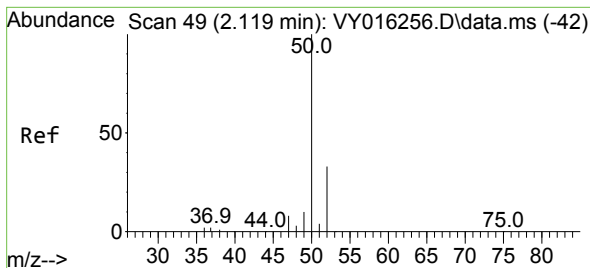
Tgt Ion:168 Resp: 155299
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.452 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 85 Resp: 29579
Ion Ratio Lower Upper
85 100
87 29.8 15.6 46.8





#3

Chloromethane

Concen: 17.295 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

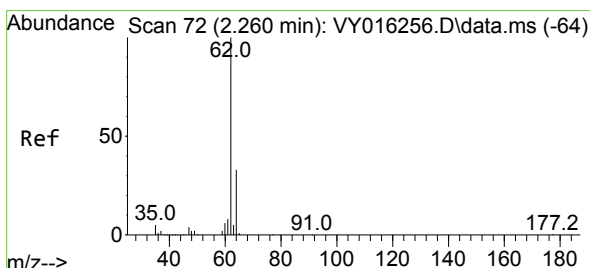
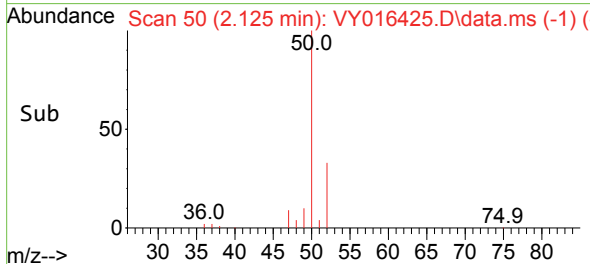
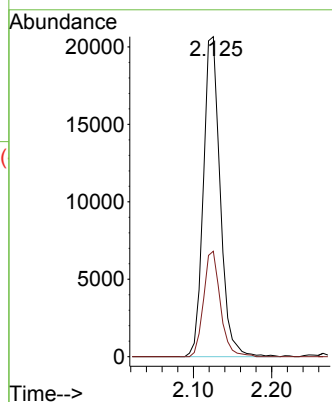
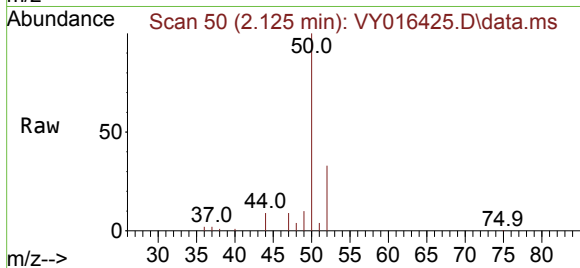
ClientSampleId :

Tgt Ion: 50 Resp: 30801

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 17.396 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016425.D

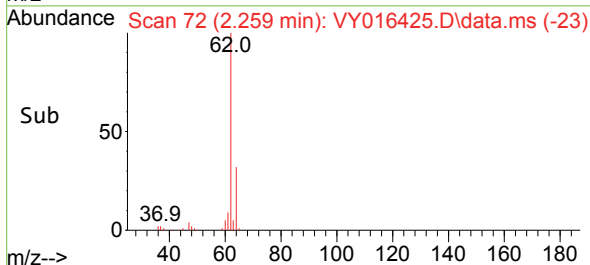
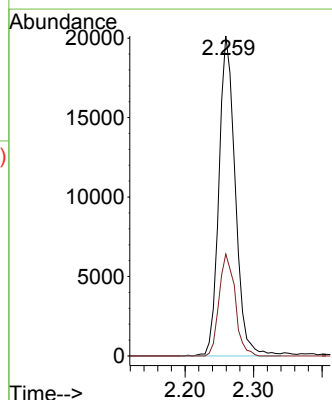
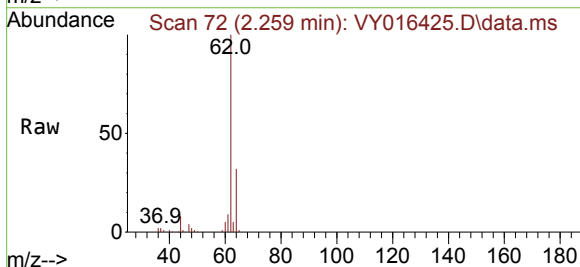
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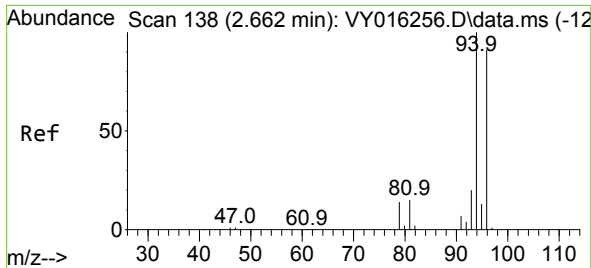
Tgt Ion: 62 Resp: 33314

Ion Ratio Lower Upper

62 100

64 31.8 24.3 36.5

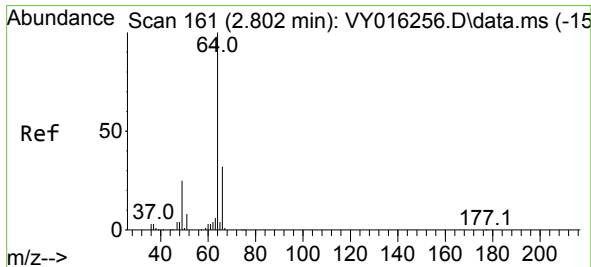
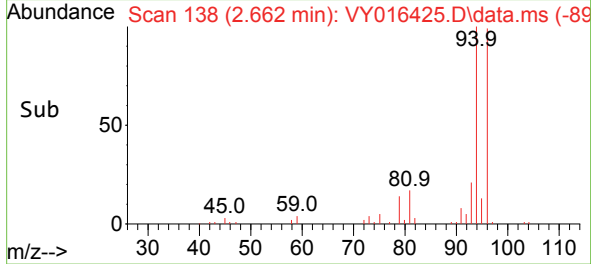
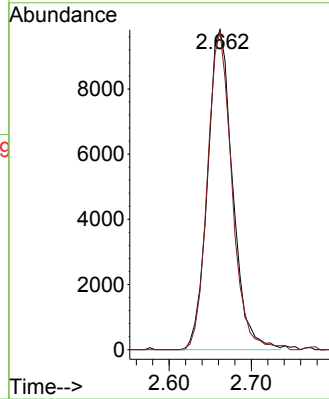
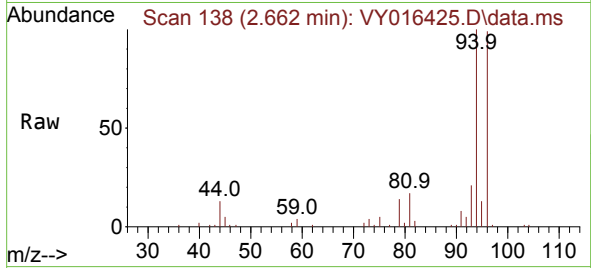




#5
Bromomethane
Concen: 16.535 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

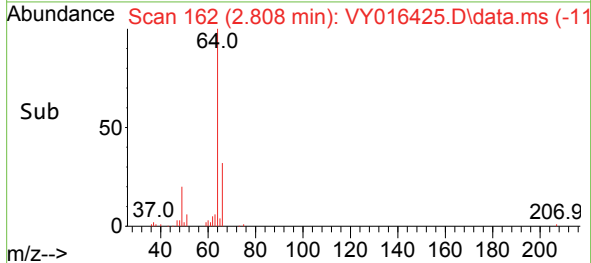
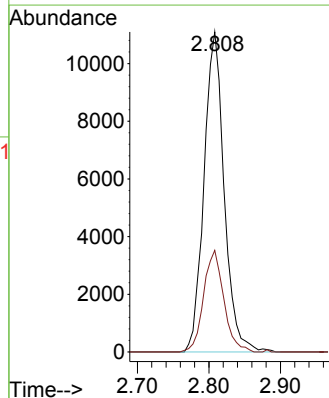
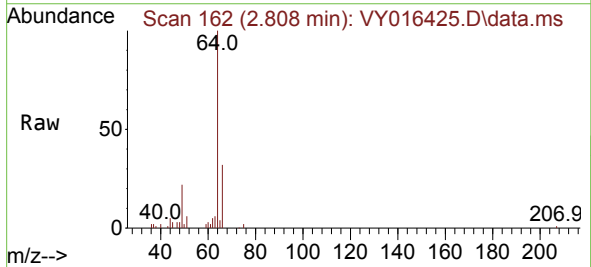
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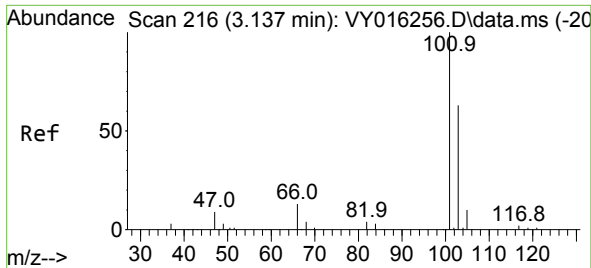
Tgt Ion: 94 Resp: 20809
Ion Ratio Lower Upper
94 100
96 99.4 75.8 113.6



#6
Chloroethane
Concen: 17.806 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

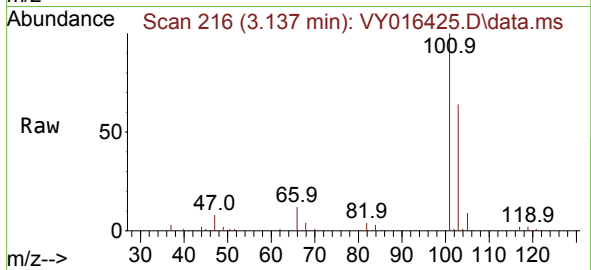
Tgt Ion: 64 Resp: 21758
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6



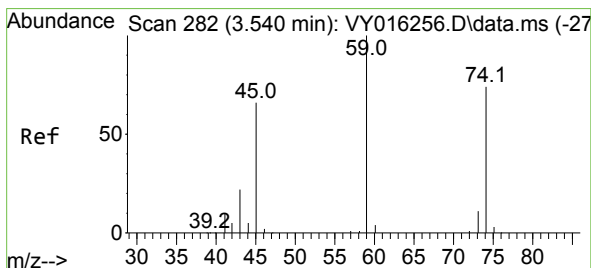
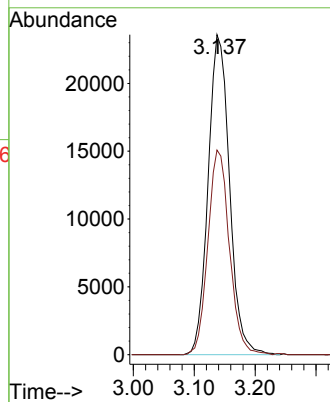
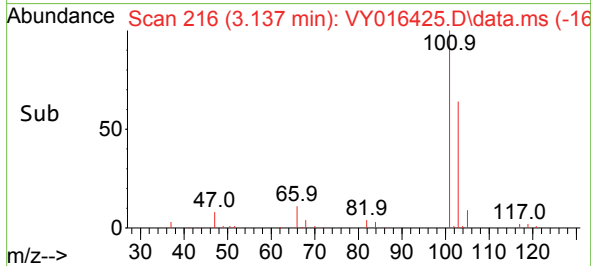


#7
 Trichlorofluoromethane
 Concen: 20.647 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016425.D
 Acq: 20 Nov 2023 15:16

Instrument :
 MSVOA_Y
 ClientSampleId :

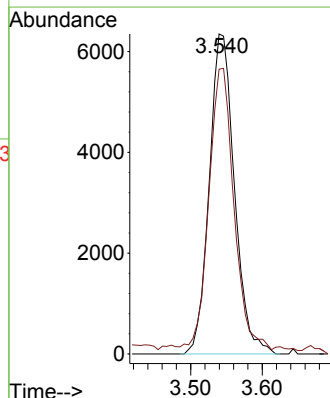
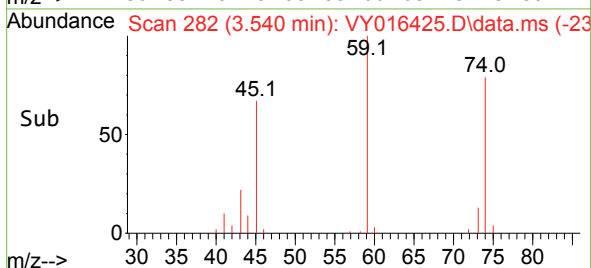
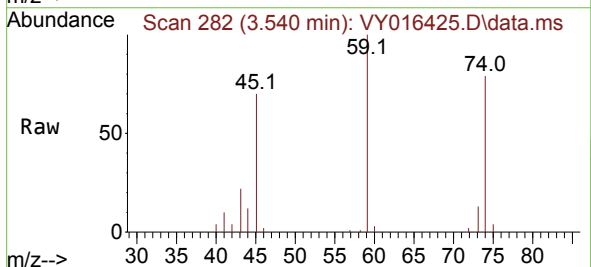


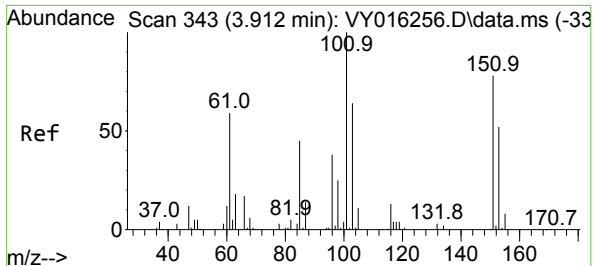
Tgt Ion:101 Resp: 57525
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.668 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016425.D
 Acq: 20 Nov 2023 15:16

Tgt Ion: 74 Resp: 15545
 Ion Ratio Lower Upper
 74 100
 45 84.7 51.5 154.5

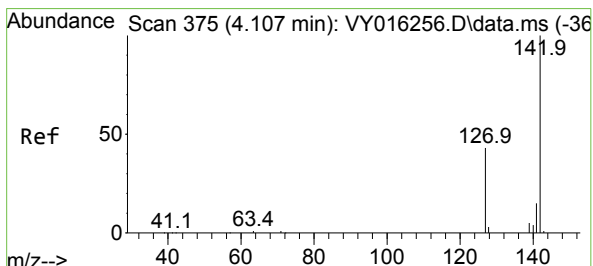
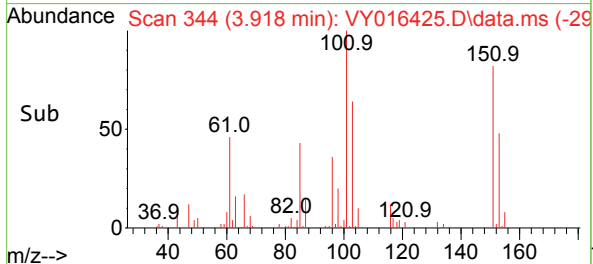
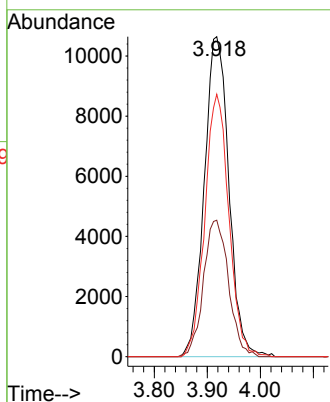
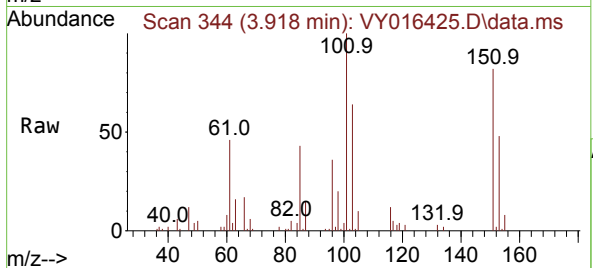




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.456 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

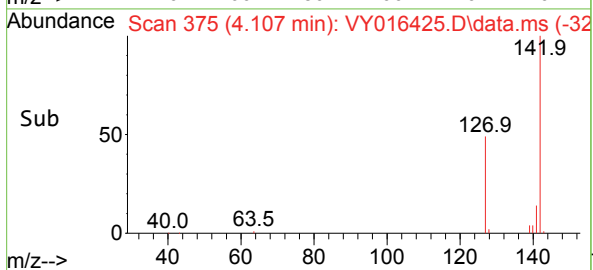
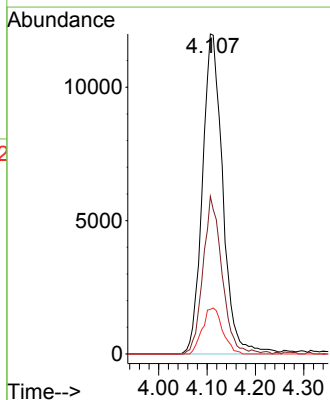
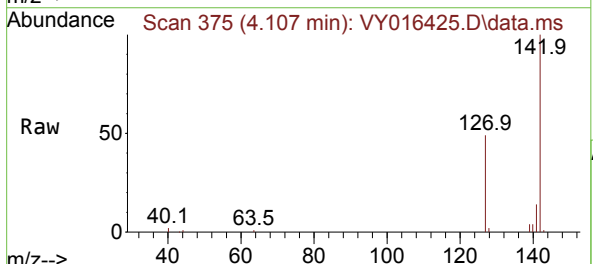
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 34327
Ion Ratio Lower Upper
101 100
85 43.4 36.6 55.0
151 80.2 67.0 100.6



#10
Methyl Iodide
Concen: 19.352 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion:142 Resp: 35073
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 14.3 11.8 17.8

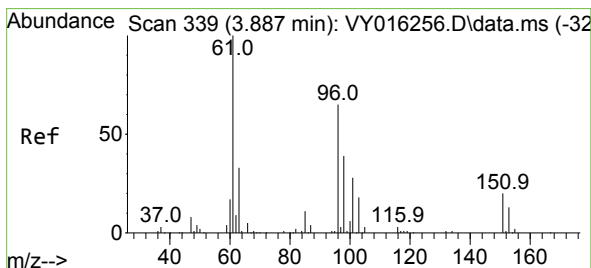
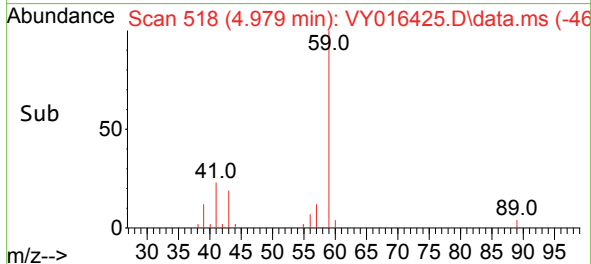
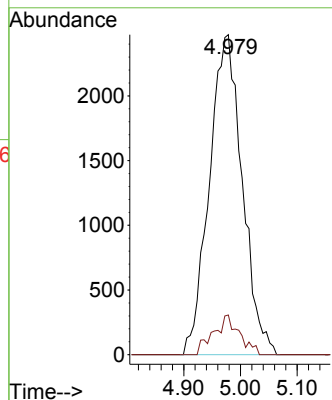
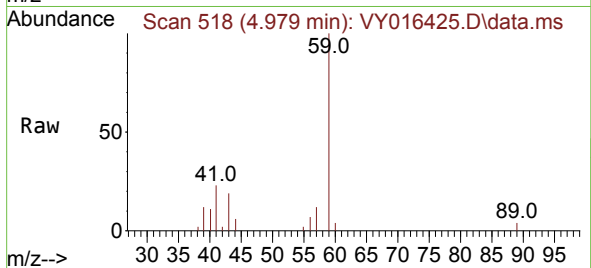




#11
Tert butyl alcohol
Concen: 89.601 ug/l
RT: 4.979 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

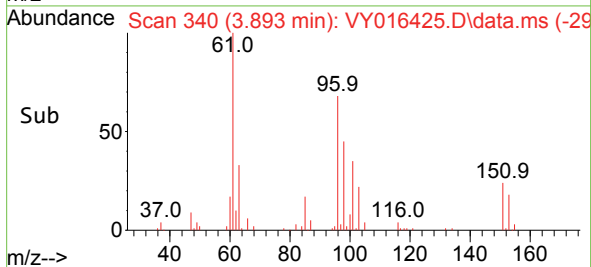
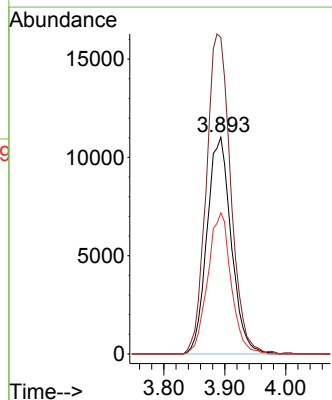
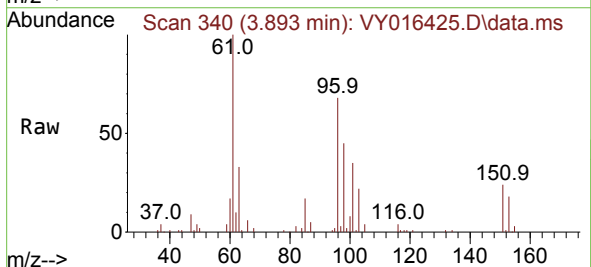
Instrument :
MSVOA_Y
ClientSampleId :

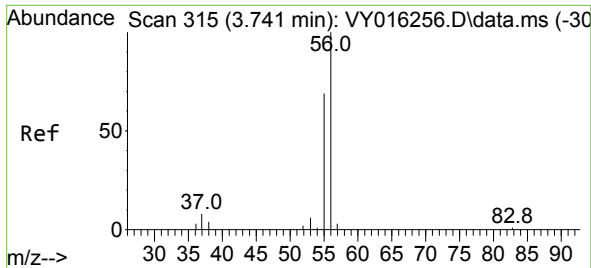
Tgt Ion: 59 Resp: 9959
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.428 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 96 Resp: 30489
Ion Ratio Lower Upper
96 100
61 146.1 136.4 204.6
98 65.1 49.4 74.2





#13

Acrolein

Concen: 78.701 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

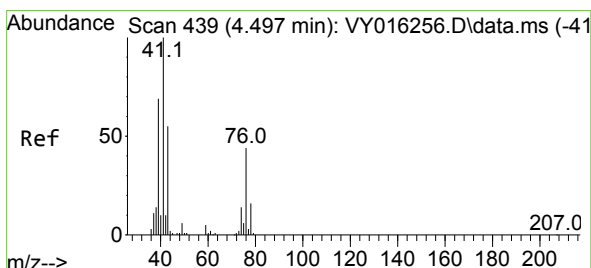
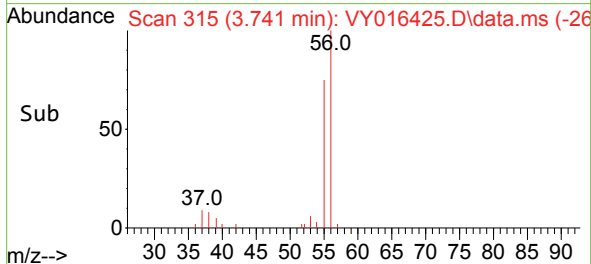
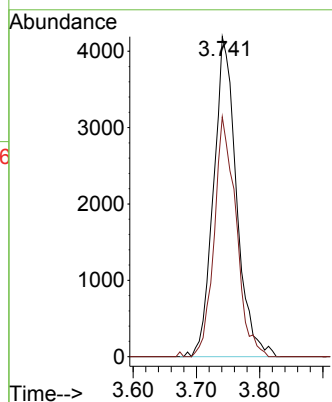
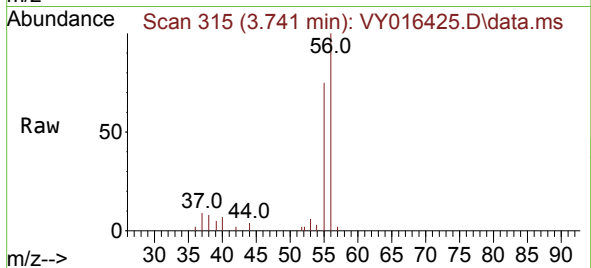
ClientSampleId :

Tgt Ion: 56 Resp: 10551

Ion Ratio Lower Upper

56 100

55 71.3 57.0 85.4



#14

Allyl chloride

Concen: 18.569 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

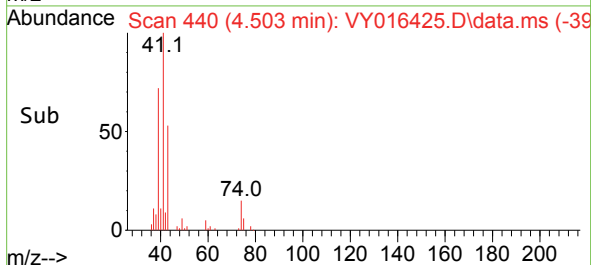
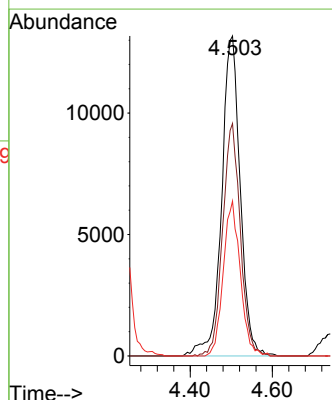
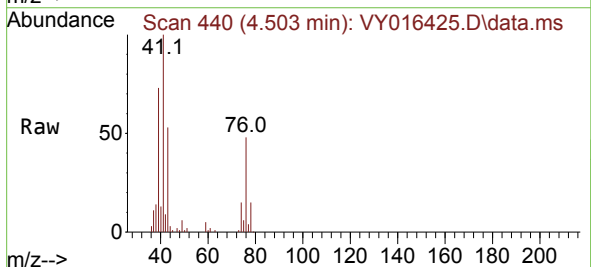
Tgt Ion: 41 Resp: 41354

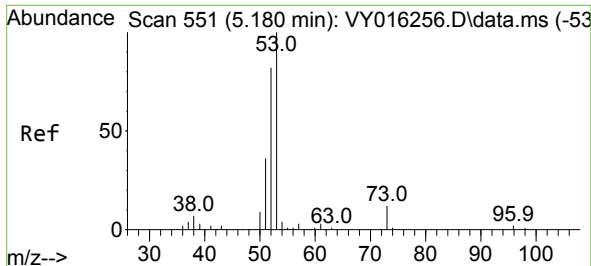
Ion Ratio Lower Upper

41 100

39 69.1 58.0 87.0

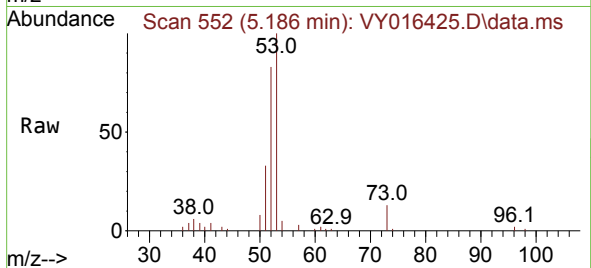
76 44.4 27.4 41.2#



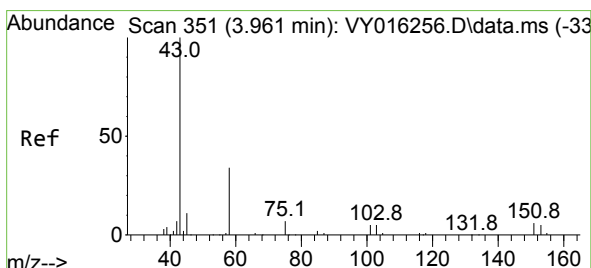
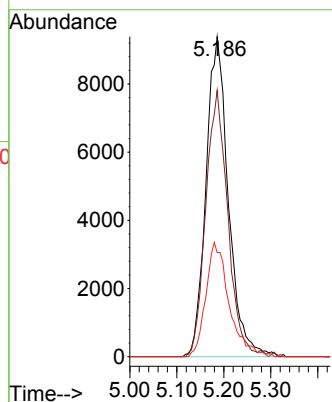
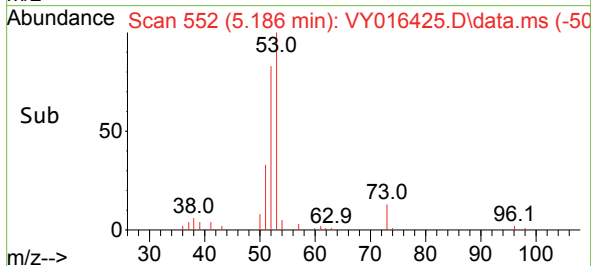


#15
Acrylonitrile
Concen: 93.937 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :

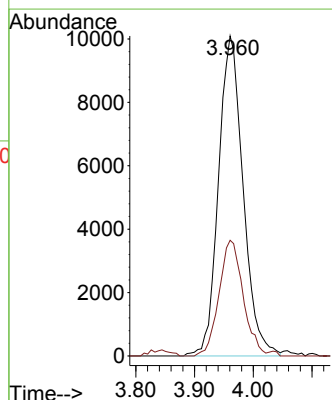
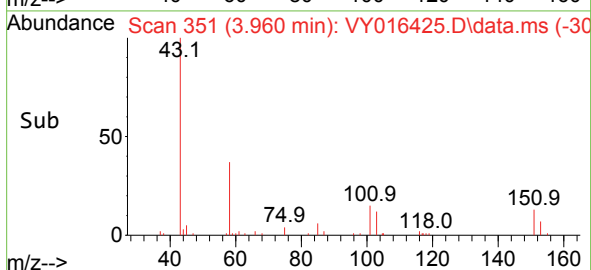
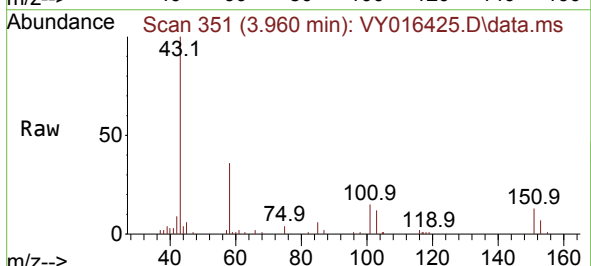


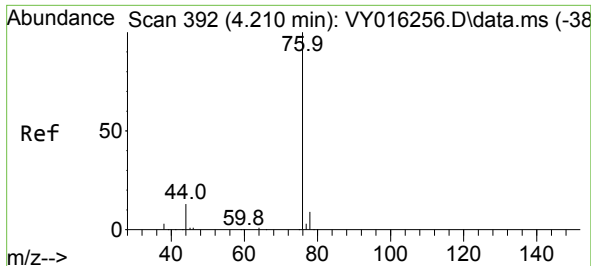
Tgt Ion:	53	Resp:	31042
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.9	100.3
51	37.0	29.8	44.6



#16
Acetone
Concen: 125.231 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion:	43	Resp:	29402
Ion	Ratio	Lower	Upper
43	100		
58	36.2	22.7	34.1#





#17

Carbon Disulfide

Concen: 16.428 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

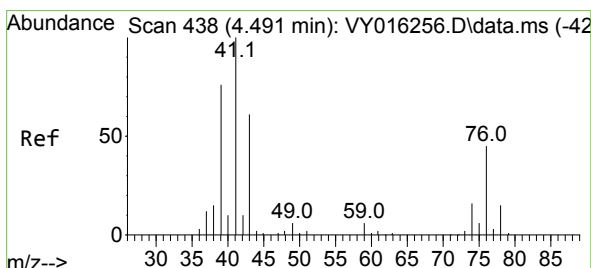
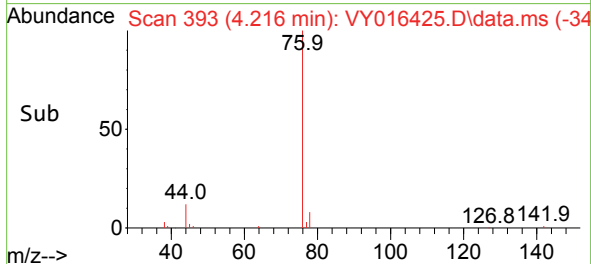
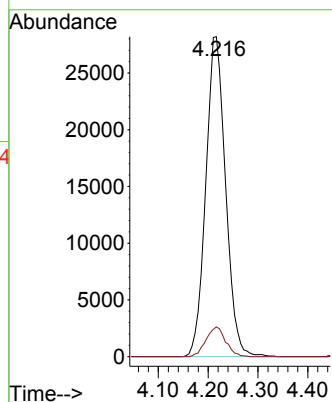
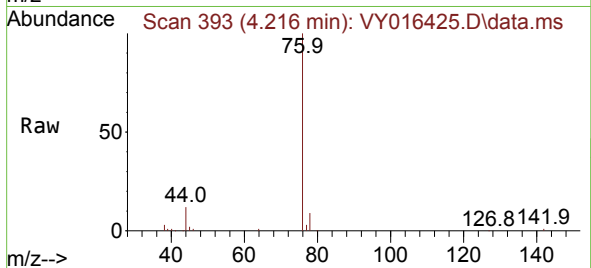
ClientSampleId :

Tgt Ion: 76 Resp: 77787

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 18.293 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016425.D

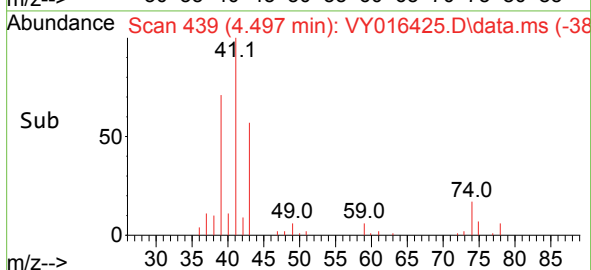
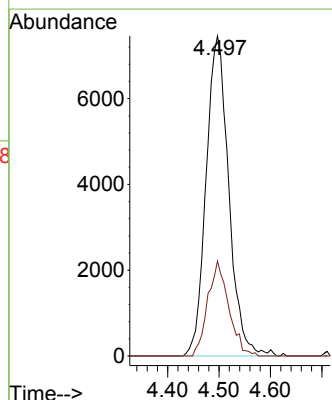
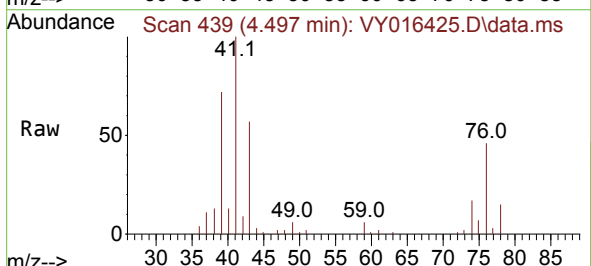
Acq: 20 Nov 2023 15:16

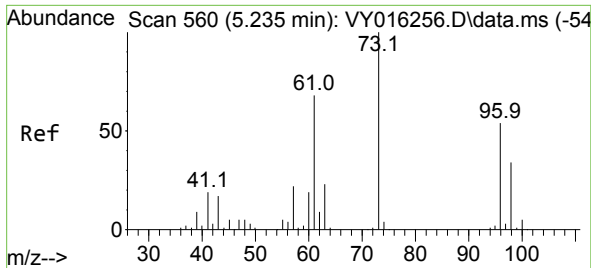
Tgt Ion: 43 Resp: 22821

Ion Ratio Lower Upper

43 100

74 27.5 17.4 26.0#

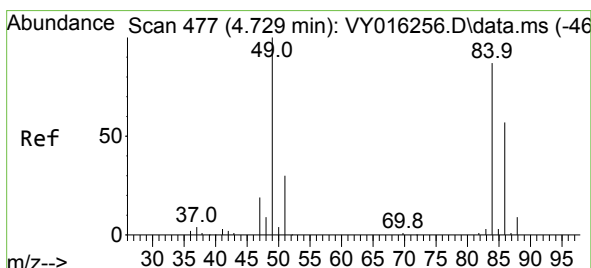
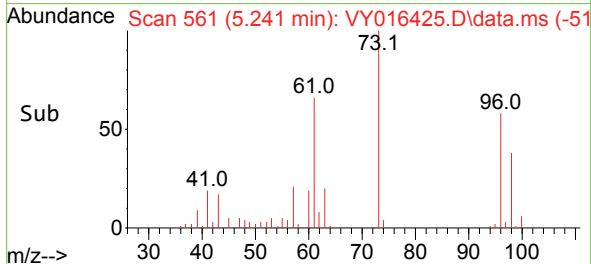
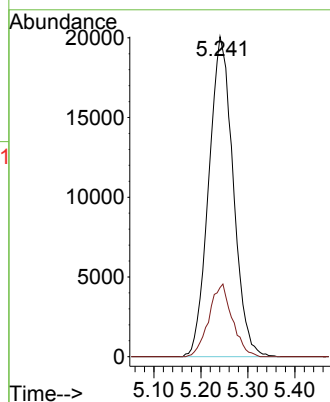
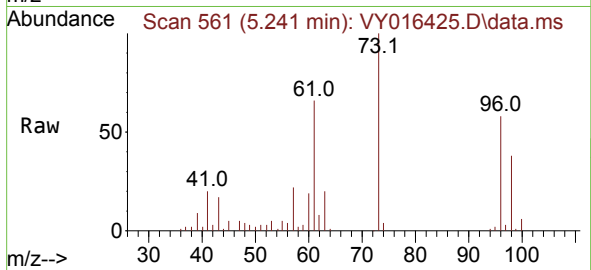




#19
Methyl tert-butyl Ether
Concen: 19.076 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

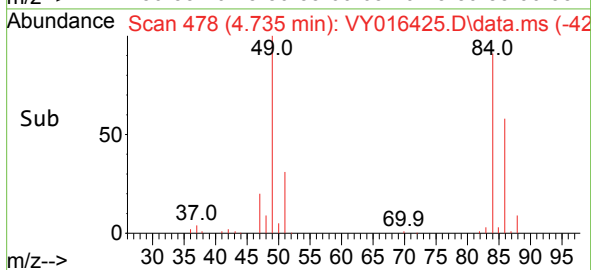
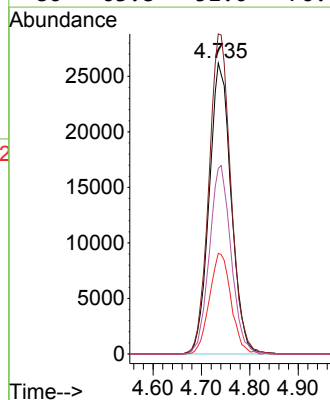
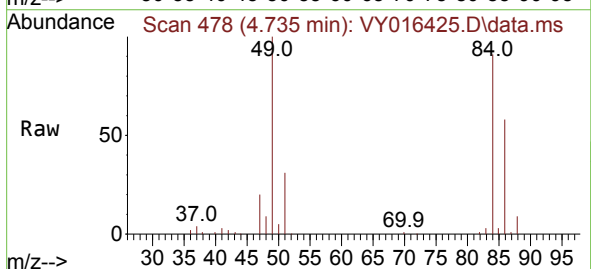
Instrument :
MSVOA_Y
ClientSampleId :

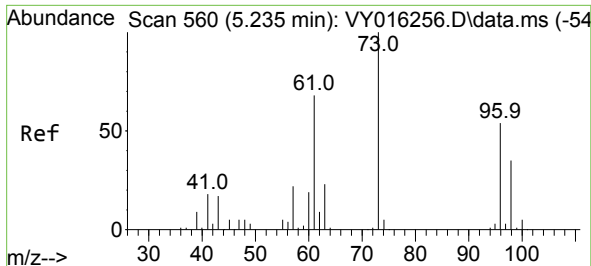
Tgt Ion: 73 Resp: 72458
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 49.867 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 84 Resp: 82724
Ion Ratio Lower Upper
84 100
49 110.0 106.9 160.3
51 34.6 33.2 49.8
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.914 ug/l

RT: 5.241 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

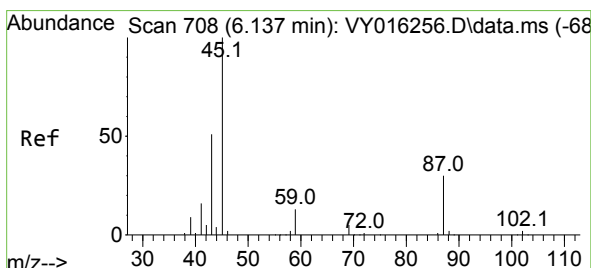
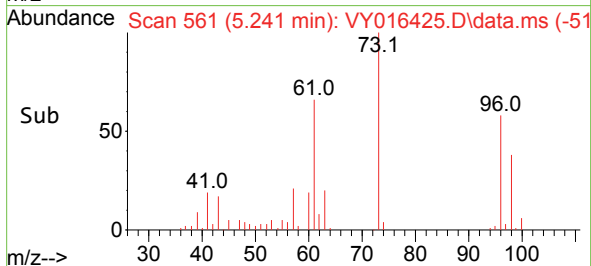
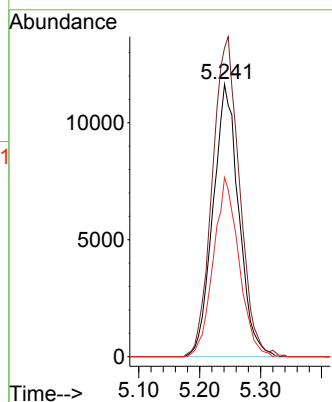
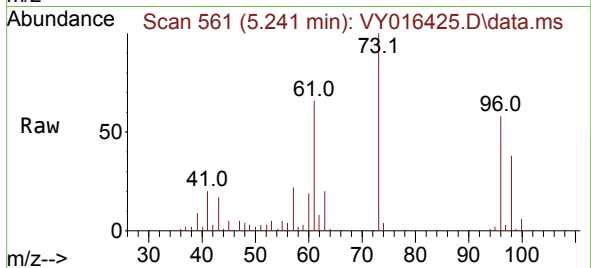
Tgt Ion: 96 Resp: 34177

Ion Ratio Lower Upper

96 100

61 113.4 110.2 165.4

98 65.8 51.8 77.6



#22

Diisopropyl ether

Concen: 19.006 ug/l

RT: 6.137 min Scan# 708

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Tgt Ion: 45 Resp: 91219

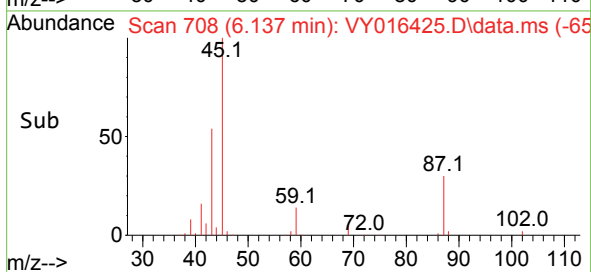
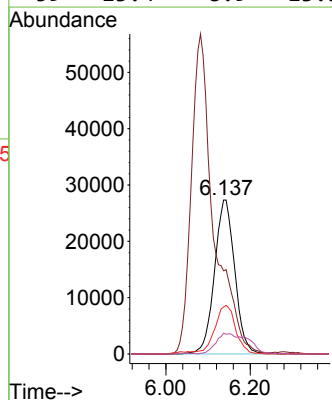
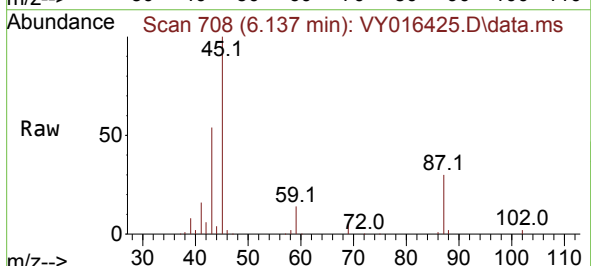
Ion Ratio Lower Upper

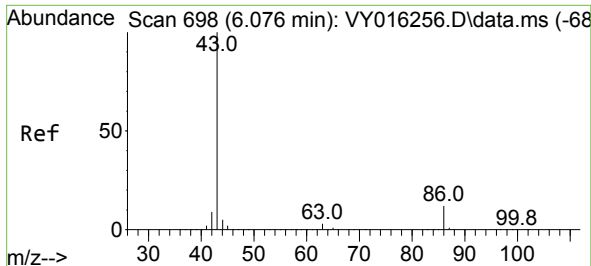
45 100

43 52.8 52.2 78.4

87 30.4 21.0 31.6

59 13.4 8.9 13.3#

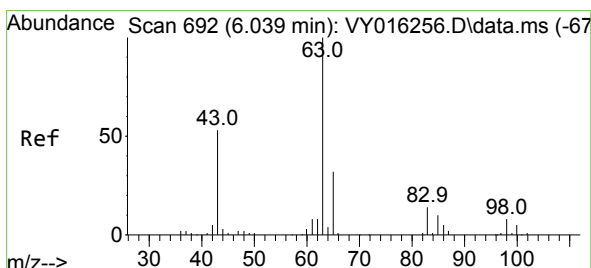
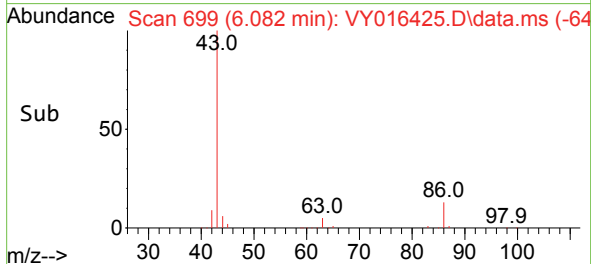
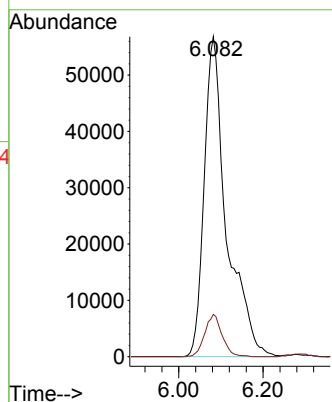
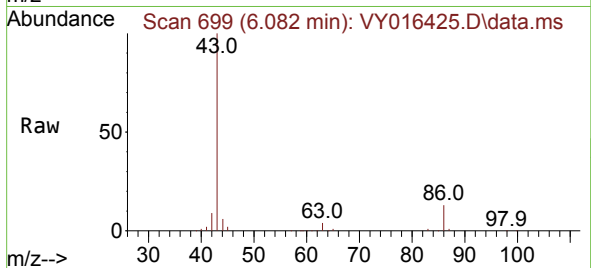




#23
 Vinyl Acetate
 Concen: 90.122 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016425.D
 Acq: 20 Nov 2023 15:16

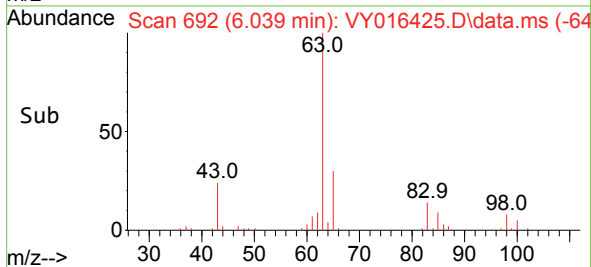
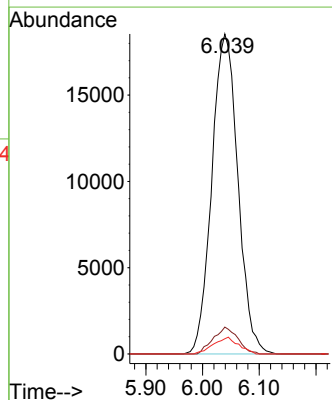
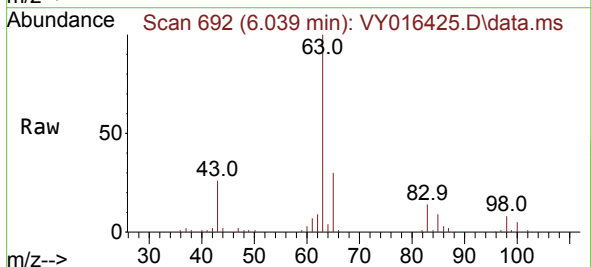
Instrument :
 MSVOA_Y
 ClientSampleId :

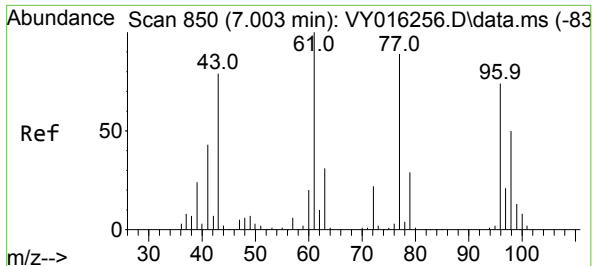
Tgt Ion: 43 Resp: 209585
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.984 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY016425.D
 Acq: 20 Nov 2023 15:16

Tgt Ion: 63 Resp: 59172
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 105.544 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

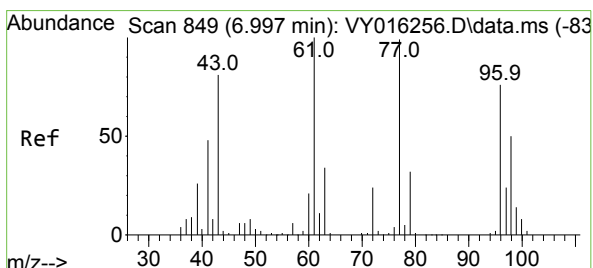
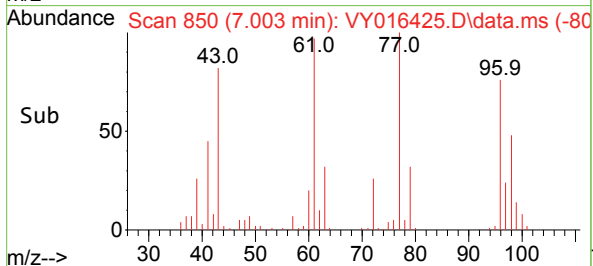
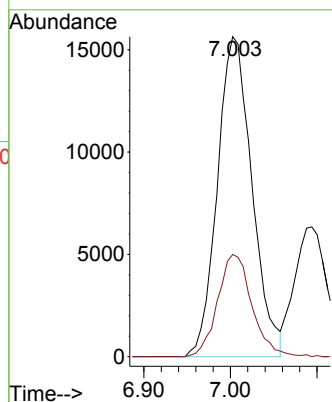
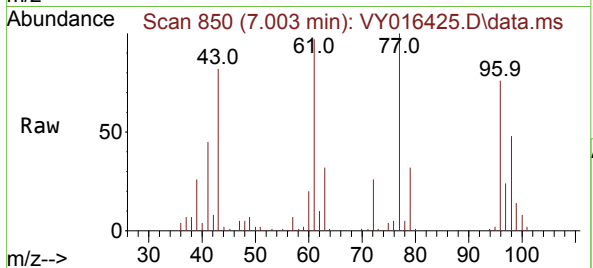
ClientSampleId :

Tgt Ion: 43 Resp: 43403

Ion Ratio Lower Upper

43 100

72 32.0 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 20.971 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016425.D

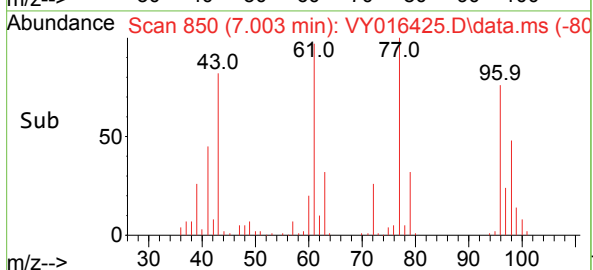
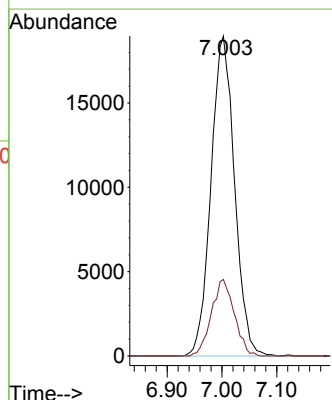
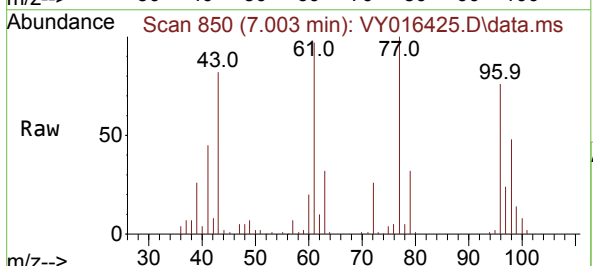
Acq: 20 Nov 2023 15:16

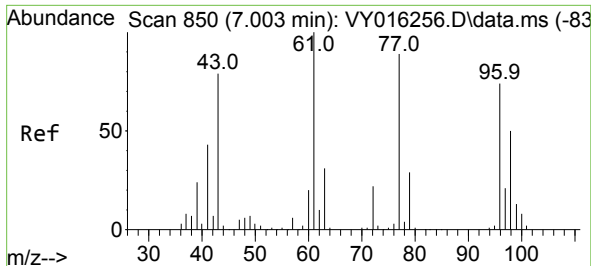
Tgt Ion: 77 Resp: 56512

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.117 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

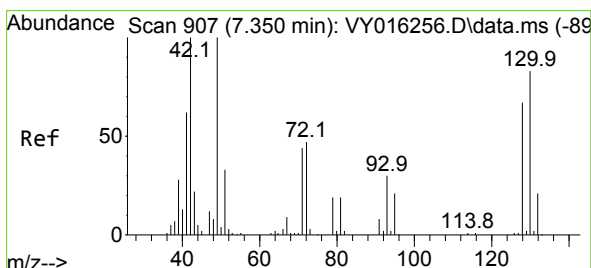
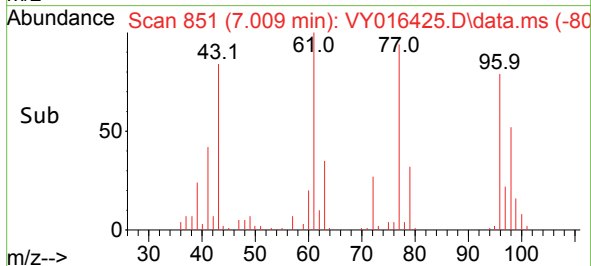
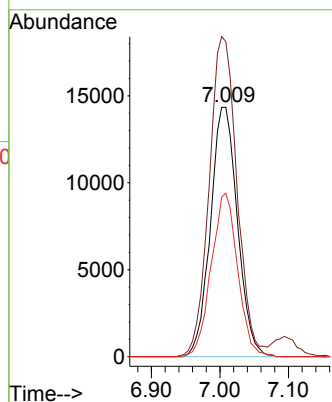
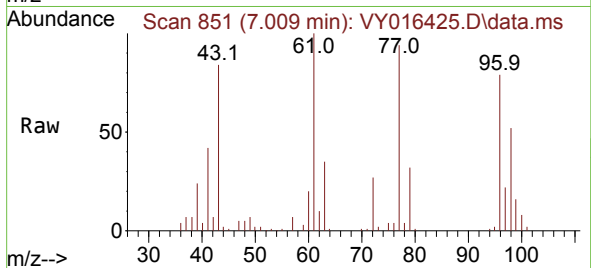
Tgt Ion: 96 Resp: 39173

Ion Ratio Lower Upper

96 100

61 132.6 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 18.433 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

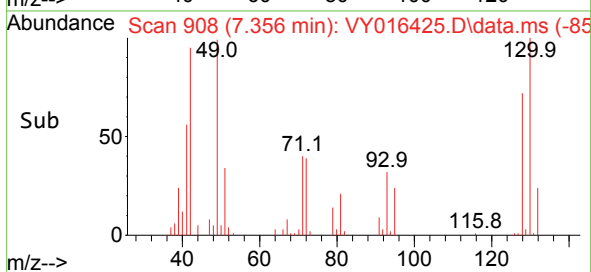
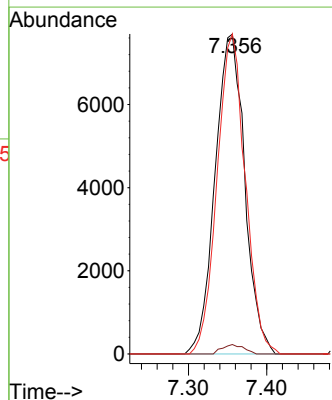
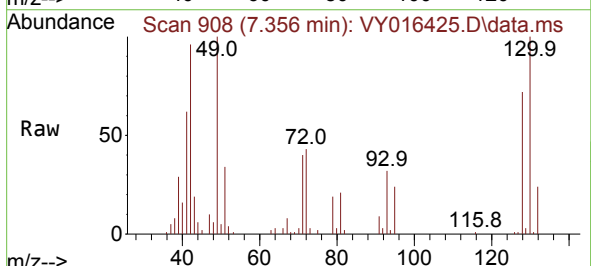
Tgt Ion: 49 Resp: 20199

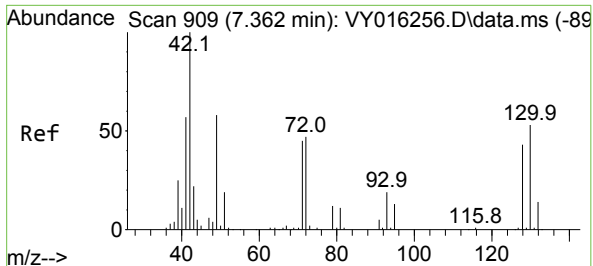
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 95.2 60.7 91.1#





#29

Tetrahydrofuran

Concen: 85.677 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

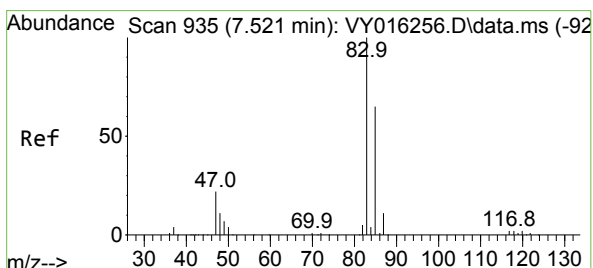
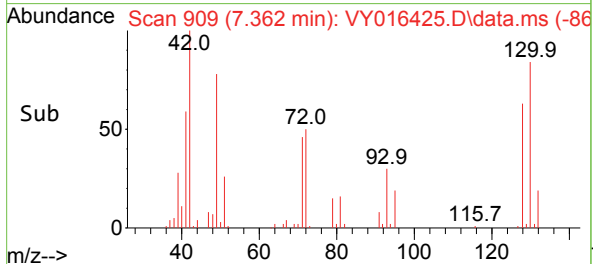
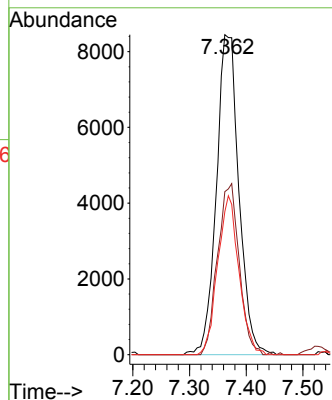
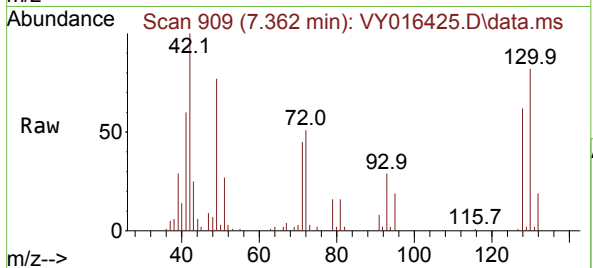
Tgt Ion: 42 Resp: 23288

Ion Ratio Lower Upper

42 100

72 51.3 32.8 49.2#

71 46.8 31.0 46.4#



#30

Chloroform

Concen: 20.905 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016425.D

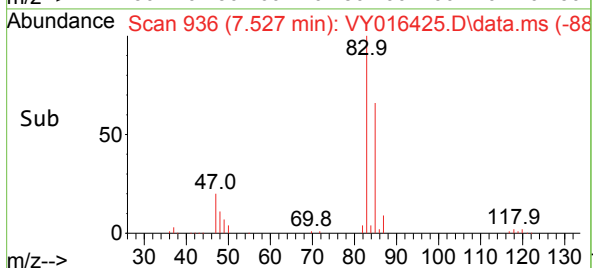
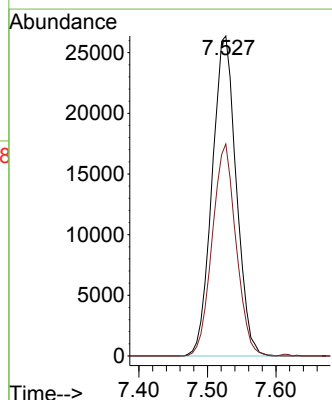
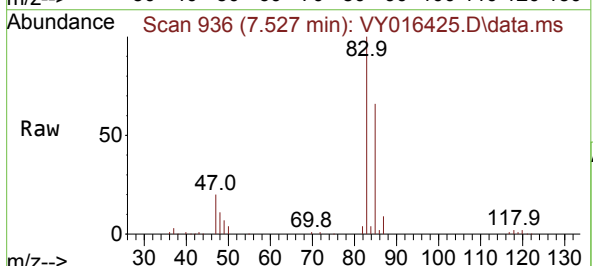
Acq: 20 Nov 2023 15:16

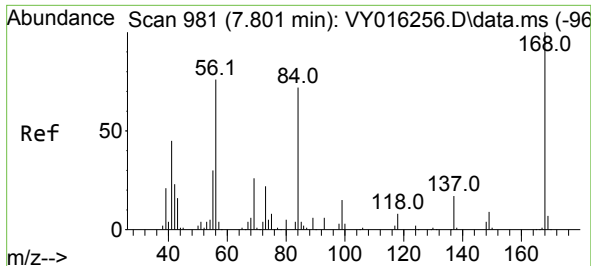
Tgt Ion: 83 Resp: 64427

Ion Ratio Lower Upper

83 100

85 66.3 49.7 74.5

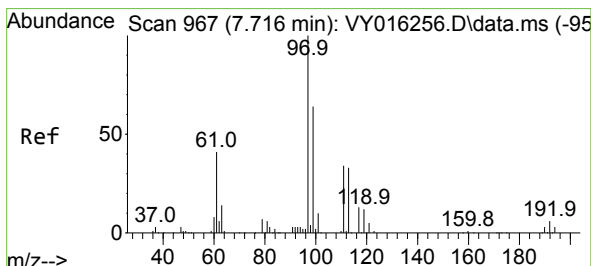
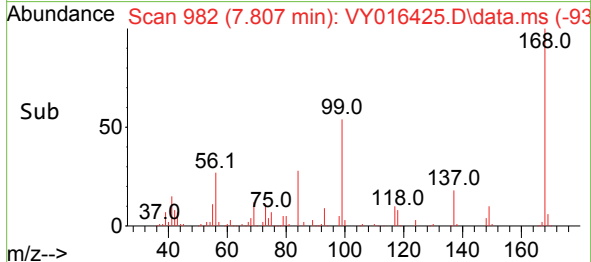
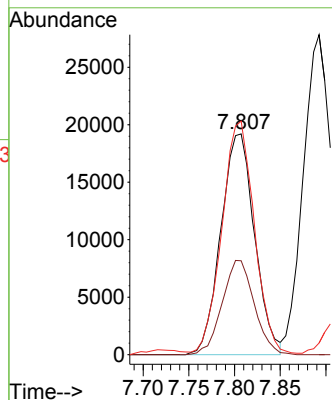
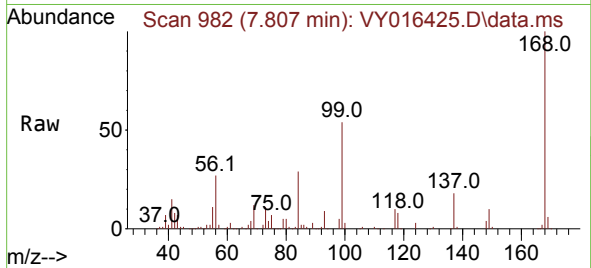




#31
Cyclohexane
Concen: 17.646 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

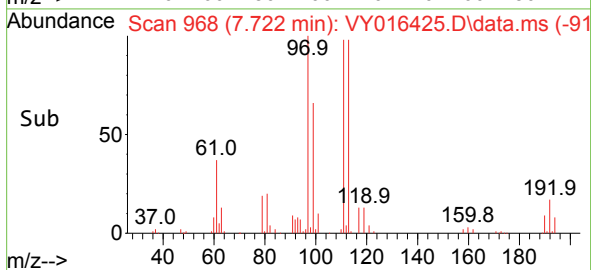
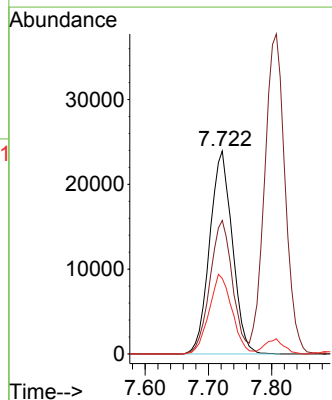
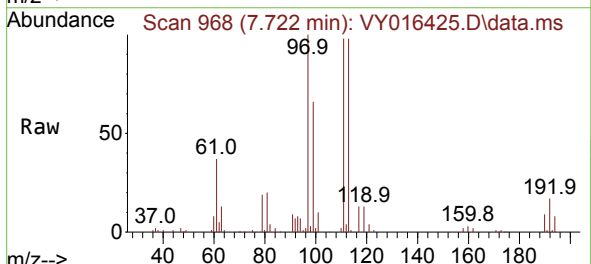
Instrument :
MSVOA_Y
ClientSampleId :

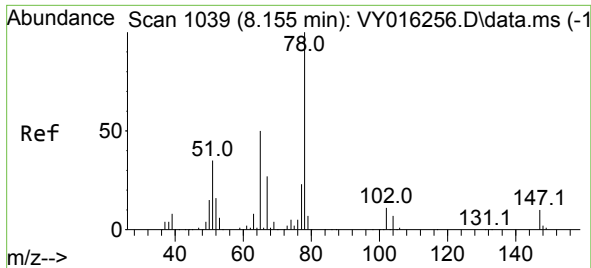
Tgt Ion: 56 Resp: 49311
Ion Ratio Lower Upper
56 100
69 42.6 27.8 41.6#
84 104.4 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 21.033 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 97 Resp: 59421
Ion Ratio Lower Upper
97 100
99 66.0 50.8 76.2
61 39.8 35.1 52.7

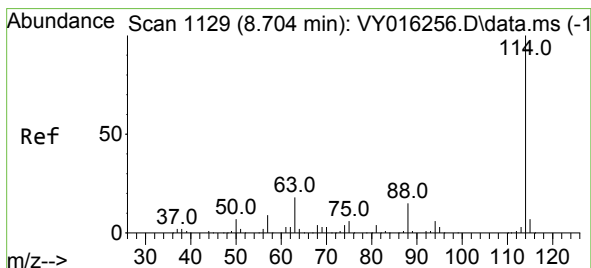
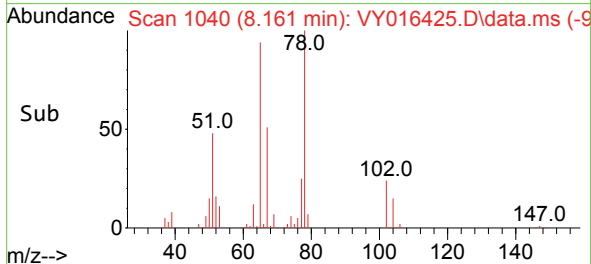
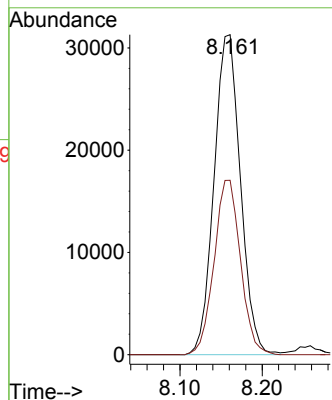
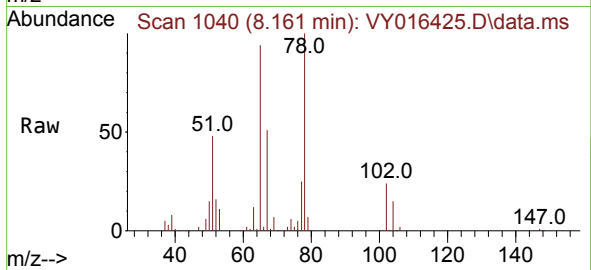




#33
1,2-Dichloroethane-d4
Concen: 49.245 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

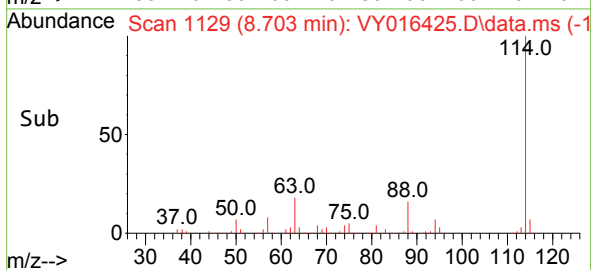
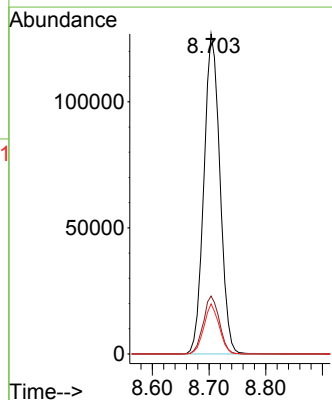
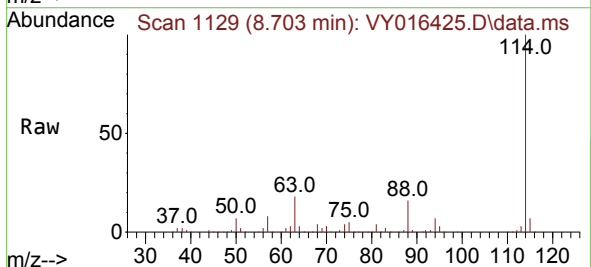
Instrument :
MSVOA_Y
ClientSampleId :

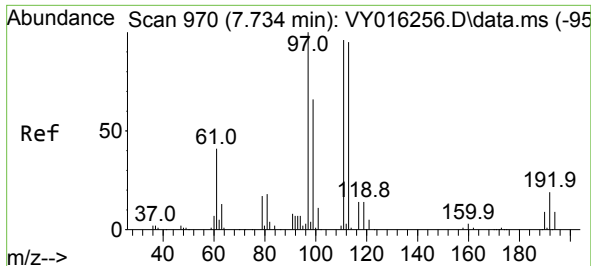
Tgt Ion: 65 Resp: 69897
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

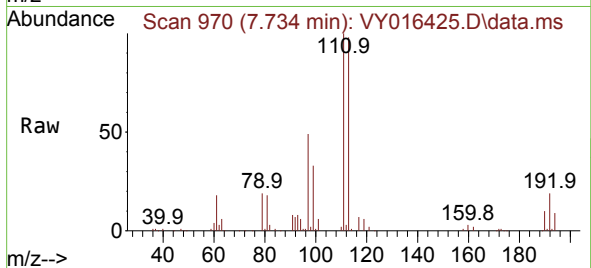
Tgt Ion: 114 Resp: 248846
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.4
88 15.6 0.0 30.6



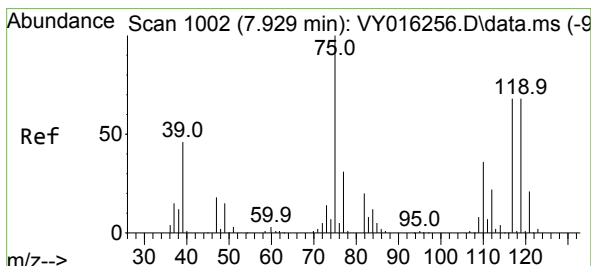
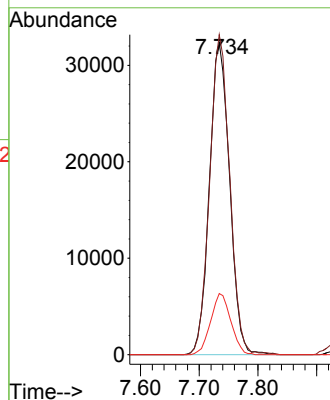
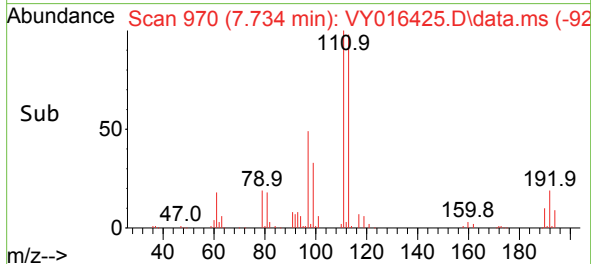


#35
Dibromofluoromethane
Concen: 54.643 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

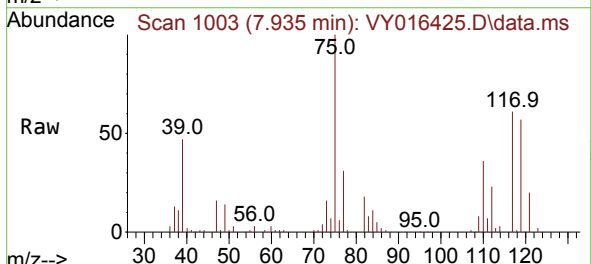
Instrument :
MSVOA_Y
ClientSampleId :



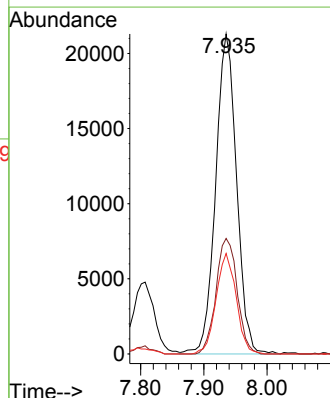
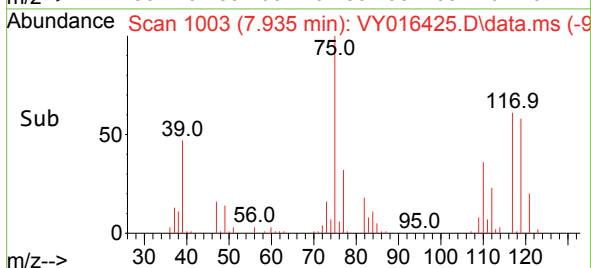
Tgt Ion:113 Resp: 77243
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.6 16.9 25.3

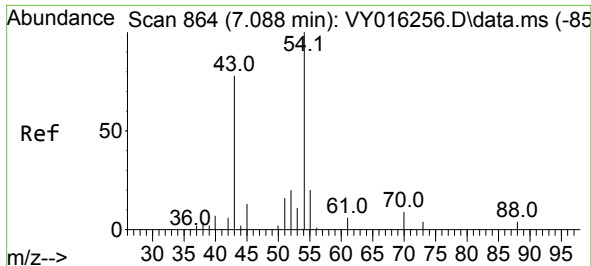


#36
1,1-Dichloropropene
Concen: 19.886 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16



Tgt Ion: 75 Resp: 48813
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 18.142 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

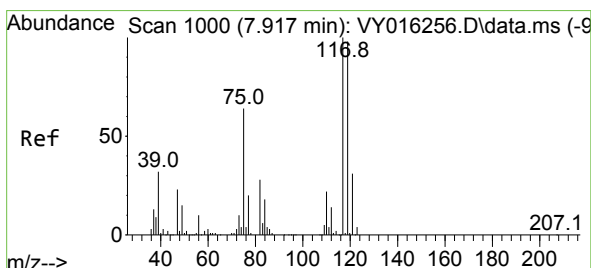
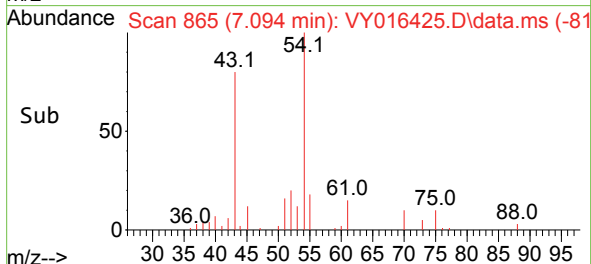
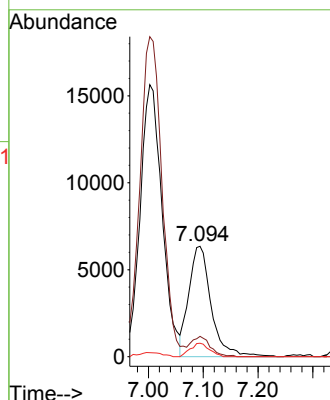
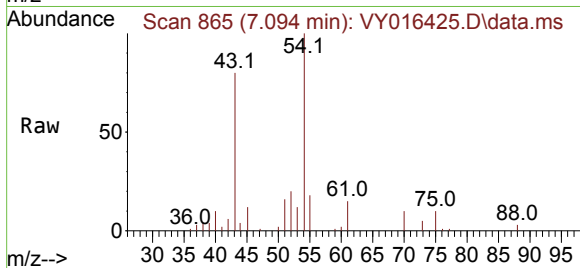
Tgt Ion: 43 Resp: 17993

Ion Ratio Lower Upper

43 100

61 15.5 10.1 15.1#

70 10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 21.590 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

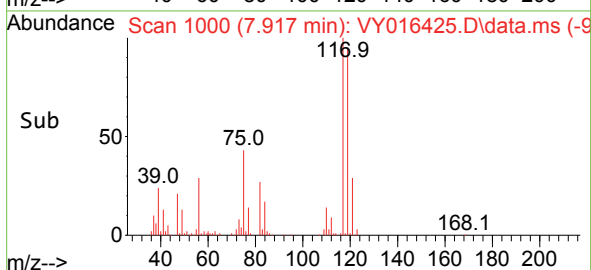
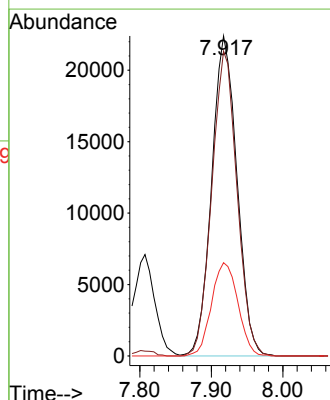
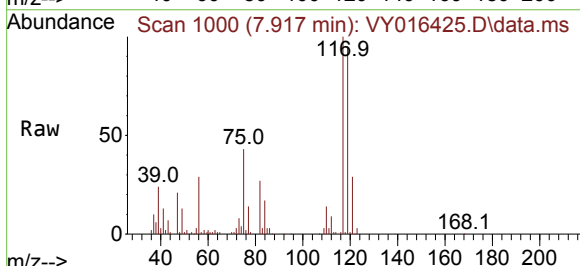
Tgt Ion: 117 Resp: 55001

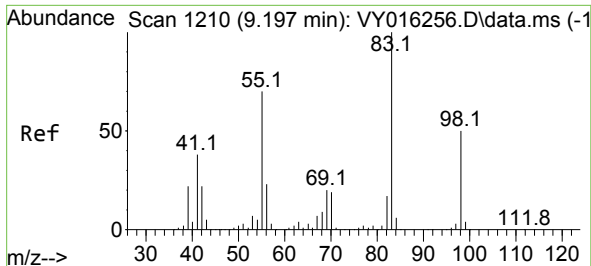
Ion Ratio Lower Upper

117 100

119 95.3 76.4 114.6

121 29.2 25.8 38.6

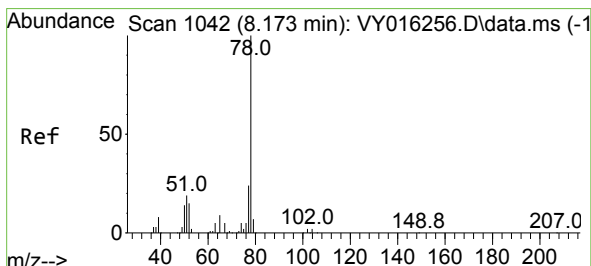
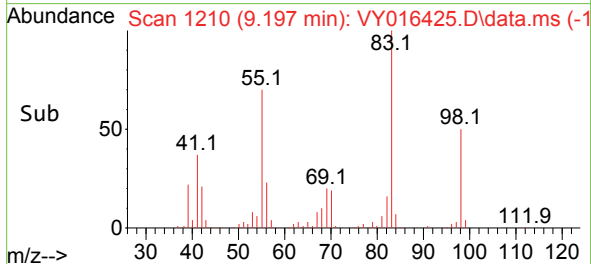
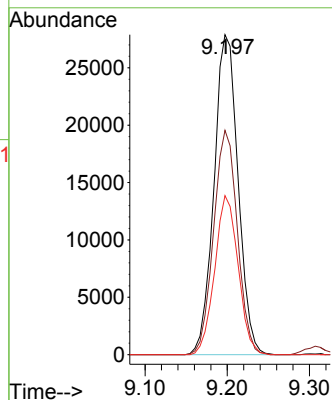
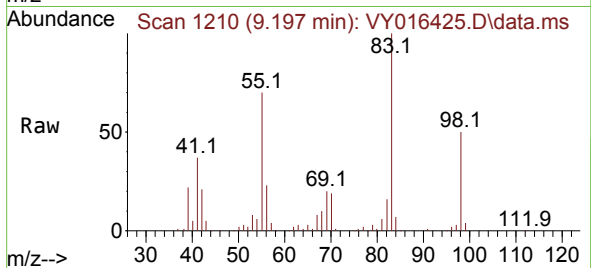




#39
Methylcyclohexane
Concen: 18.563 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

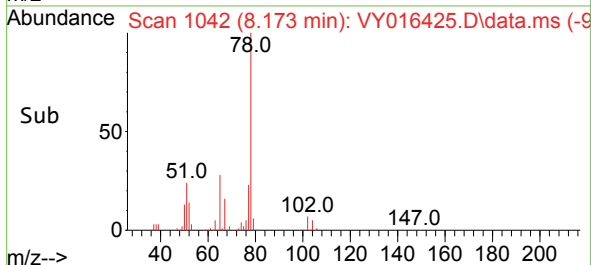
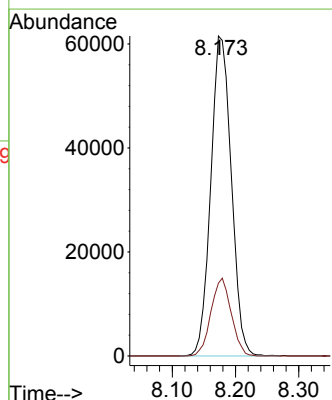
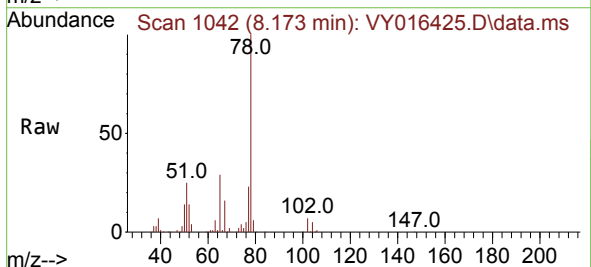
Instrument :
MSVOA_Y
ClientSampleId :

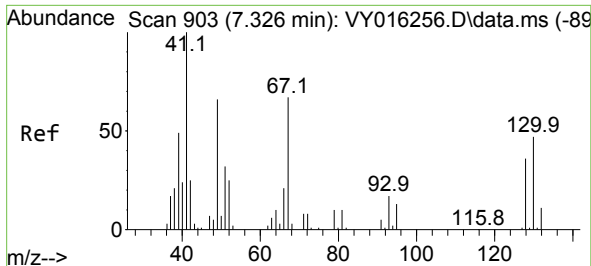
Tgt Ion: 83 Resp: 56775
Ion Ratio Lower Upper
83 100
55 70.1 63.0 94.4
98 49.7 37.4 56.2



#40
Benzene
Concen: 20.110 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

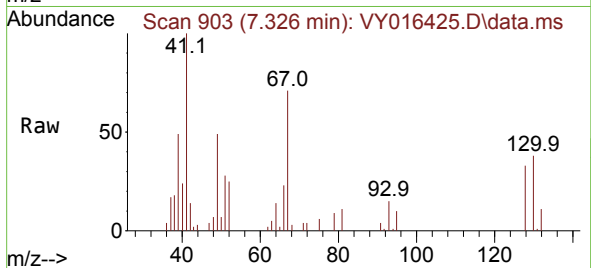
Tgt Ion: 78 Resp: 138683
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6



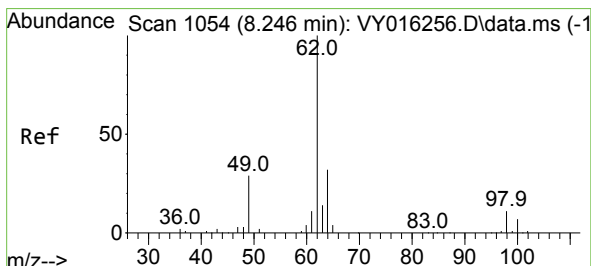
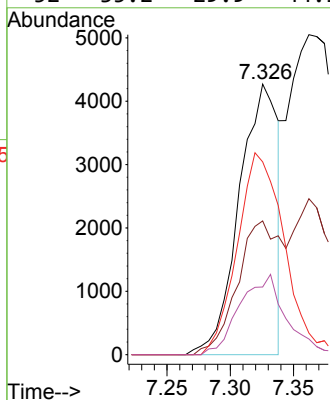
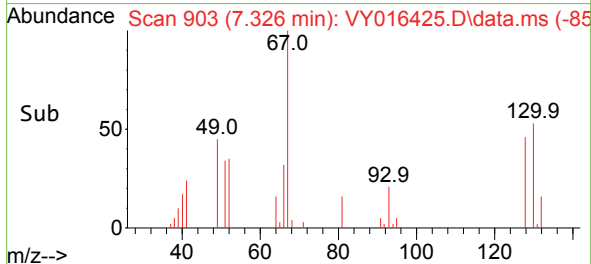


#41
Methacrylonitrile
Concen: 18.206 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :

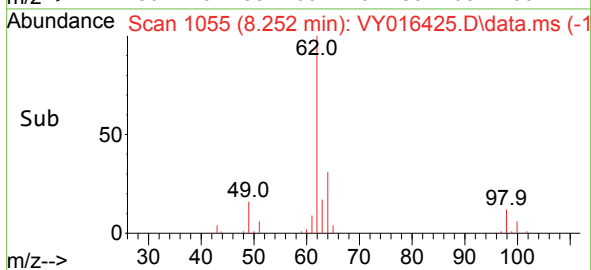
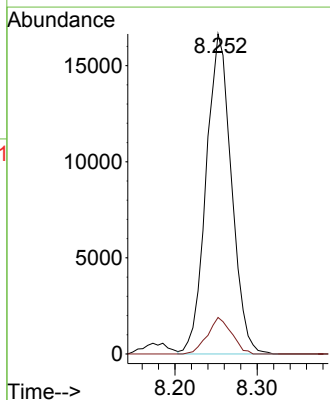
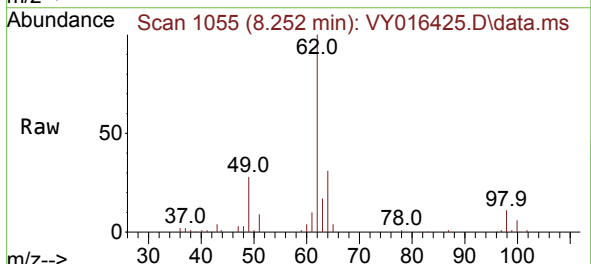


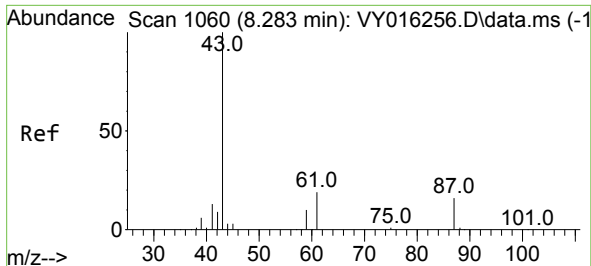
Tgt Ion:	41	Resp:	9104
Ion	Ratio	Lower	Upper
41	100		
39	57.8	52.1	78.1
67	90.4	66.2	99.2
52	35.2	29.9	44.9



#42
1,2-Dichloroethane
Concen: 19.922 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion:	62	Resp:	35598
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	15.8

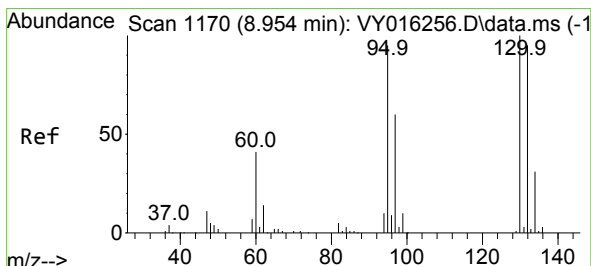
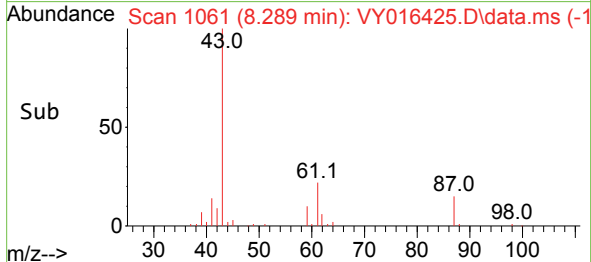
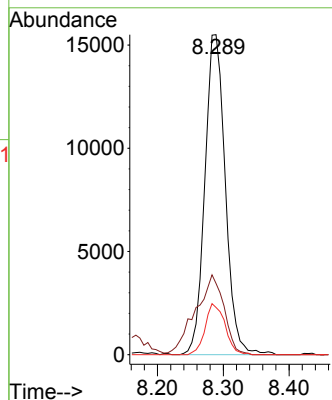
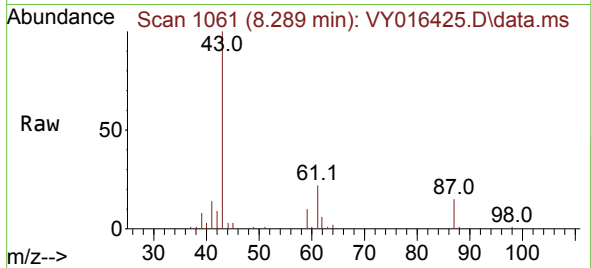




#43
Isopropyl Acetate
Concen: 17.522 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

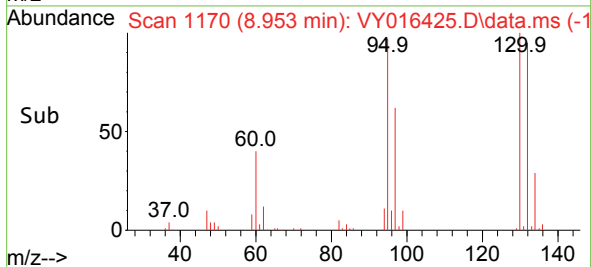
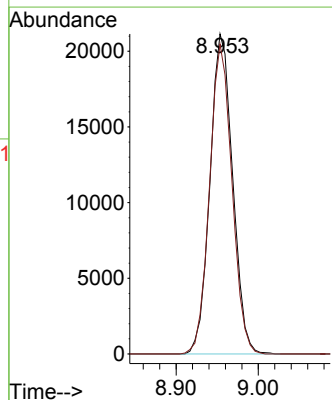
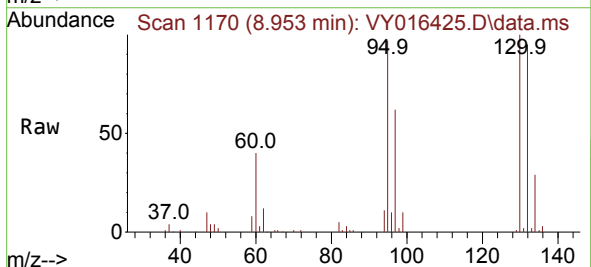
Instrument :
MSVOA_Y
ClientSampleId :

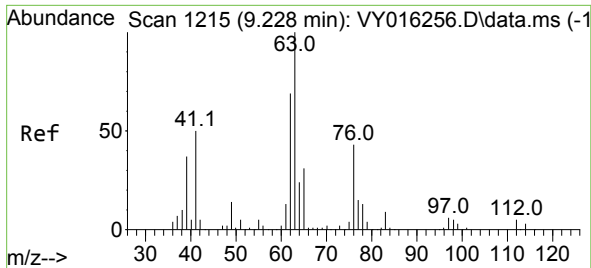
Tgt Ion: 43 Resp: 33592
Ion Ratio Lower Upper
43 100
61 34.8 21.1 31.7#
87 15.5 9.8 14.8#



#44
Trichloroethene
Concen: 20.460 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion:130 Resp: 40552
Ion Ratio Lower Upper
130 100
95 96.8 0.0 196.0

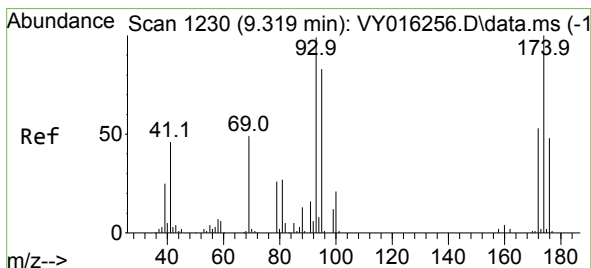
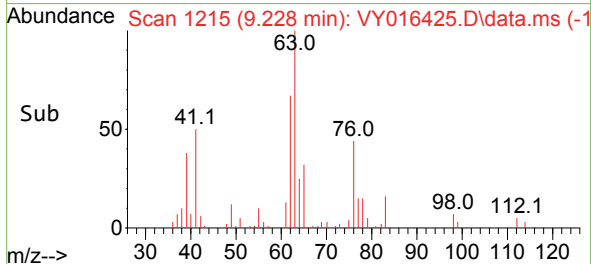
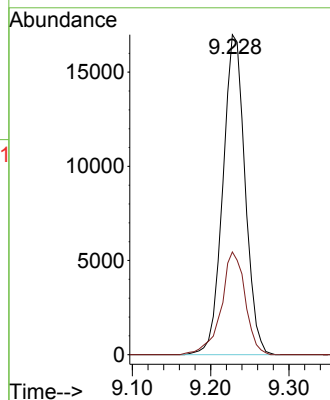
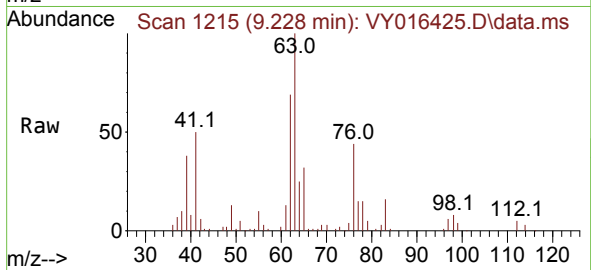




#45
1,2-Dichloropropane
Concen: 20.203 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

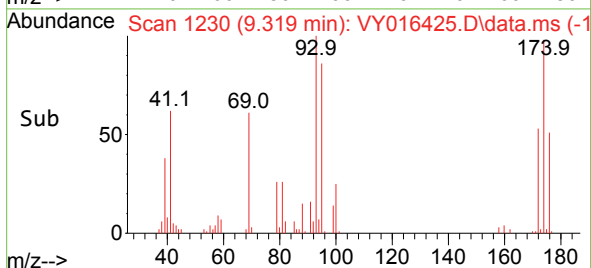
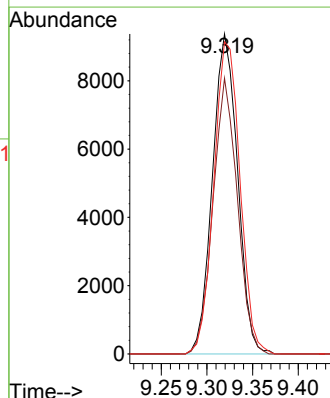
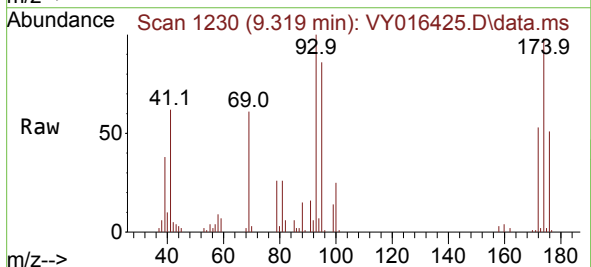
Instrument :
MSVOA_Y
ClientSampleId :

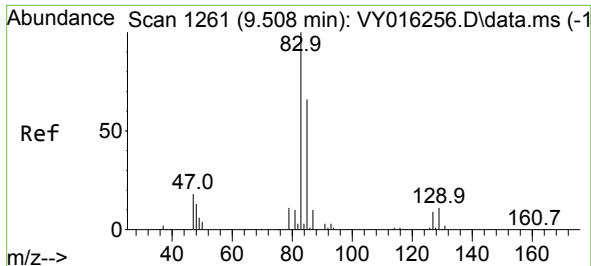
Tgt Ion: 63 Resp: 33461
Ion Ratio Lower Upper
63 100
65 32.1 23.8 35.6



#46
Dibromomethane
Concen: 19.960 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

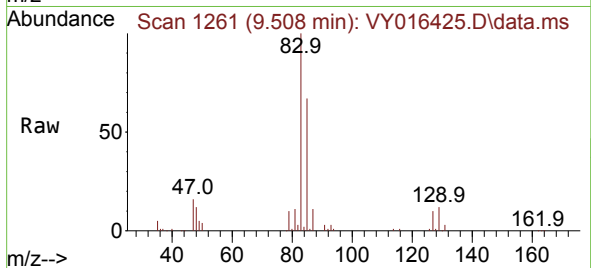
Tgt Ion: 93 Resp: 17914
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 101.7 84.8 127.2



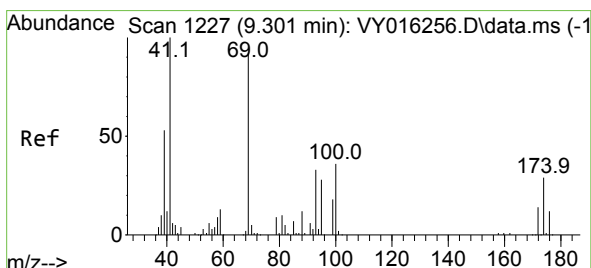
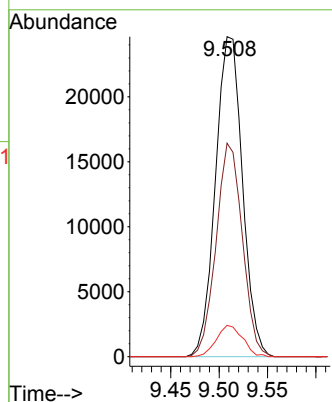
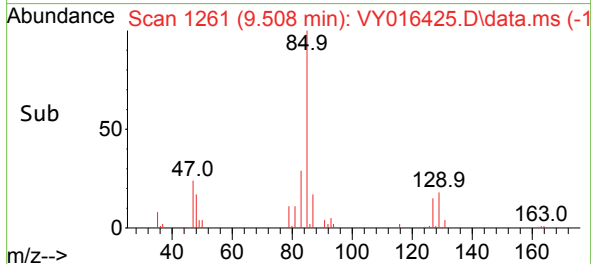


#47
Bromodichloromethane
Concen: 20.705 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :

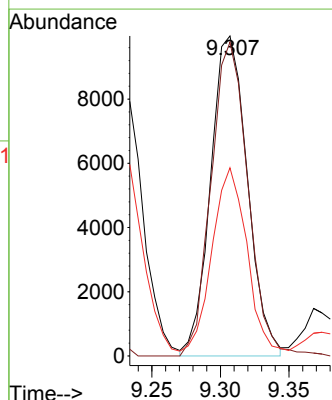
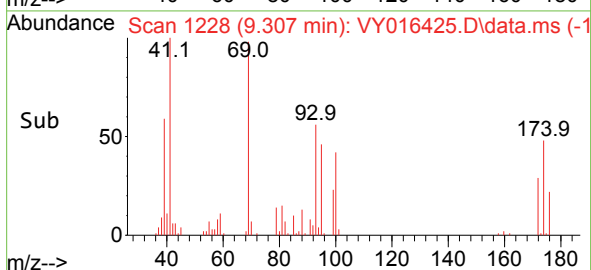
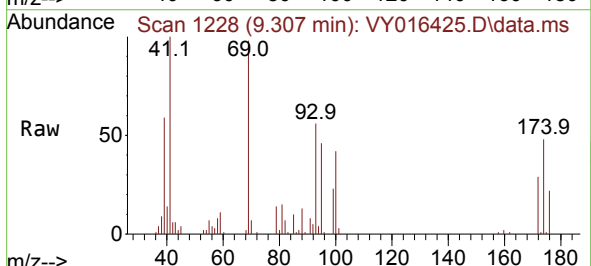


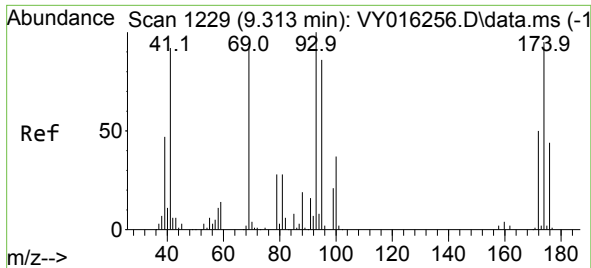
Tgt Ion: 83 Resp: 47775
Ion Ratio Lower Upper
83 100
85 66.7 50.1 75.1
127 9.8 7.1 10.7



#48
Methyl methacrylate
Concen: 17.570 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 41 Resp: 18616
Ion Ratio Lower Upper
41 100
69 98.2 64.5 96.7#
39 53.9 50.8 76.2

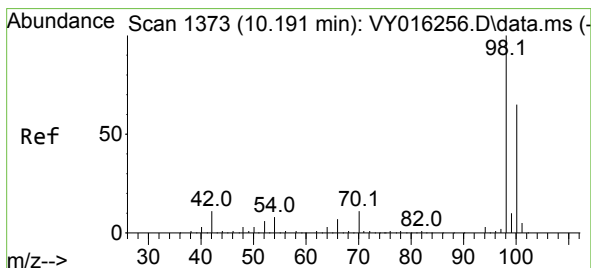
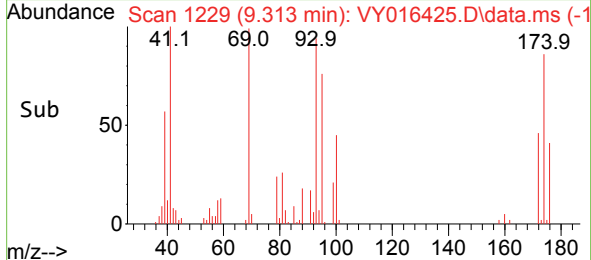
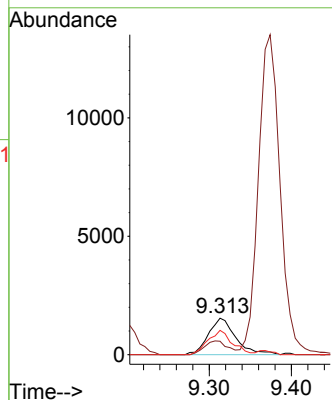
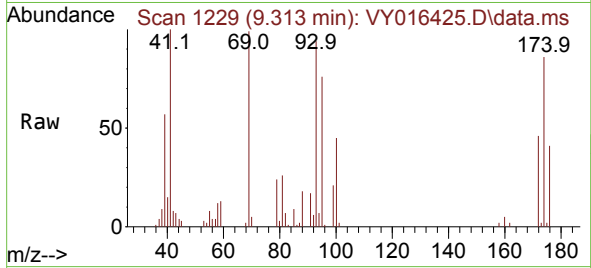




#49
1,4-Dioxane
Concen: 374.045 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

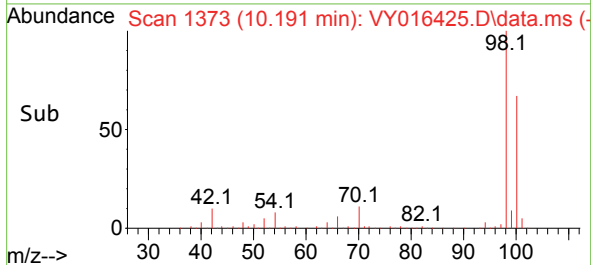
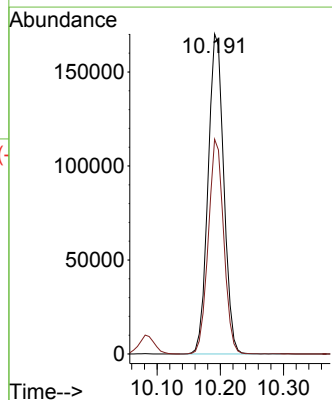
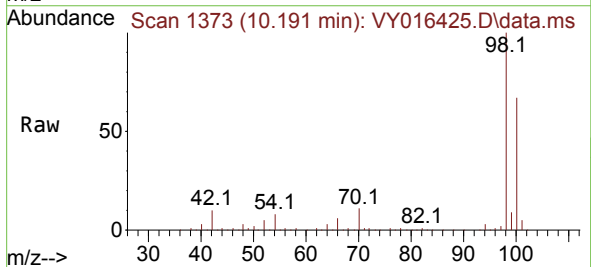
Instrument :
MSVOA_Y
ClientSampleId :

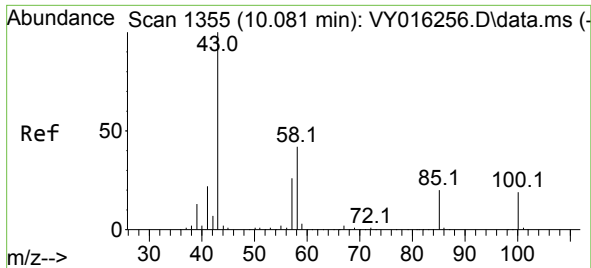
Tgt Ion: 88 Resp: 3564
Ion Ratio Lower Upper
88 100
43 32.0 0.0 0.0#
58 59.1 30.9 46.3#



#50
Toluene-d8
Concen: 51.256 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 98 Resp: 293821
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 90.275 ug/l

RT: 10.081 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

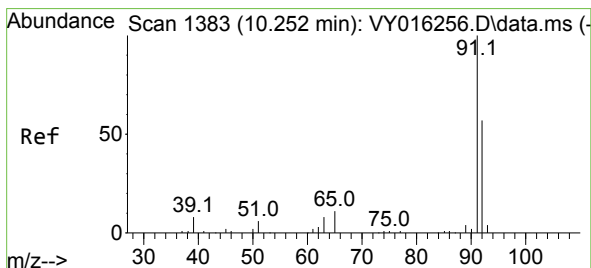
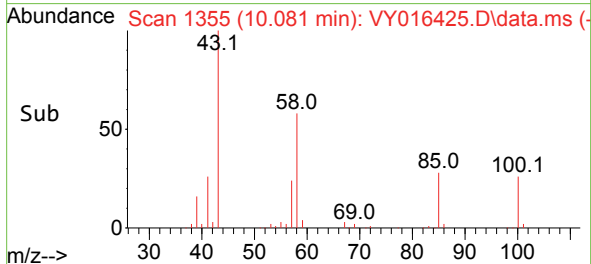
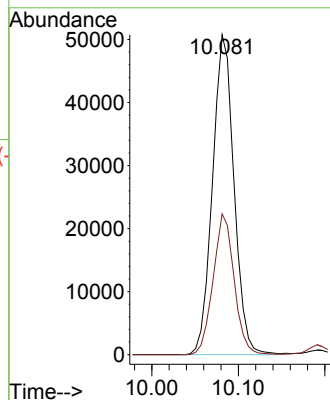
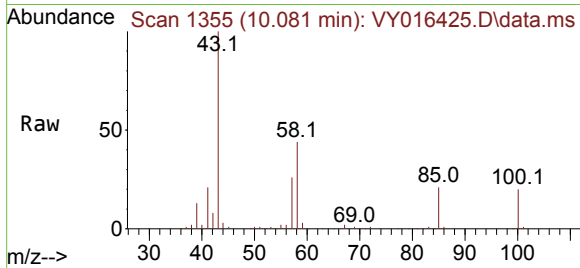
ClientSampleId :

Tgt Ion: 43 Resp: 87515

Ion Ratio Lower Upper

43 100

58 43.0 29.0 43.6



#52

Toluene

Concen: 20.109 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016425.D

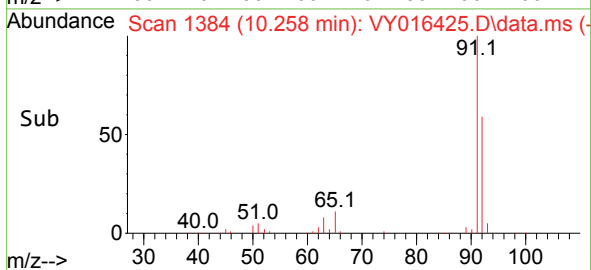
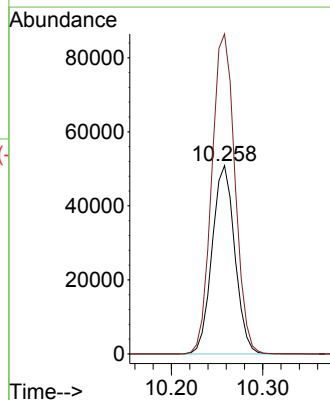
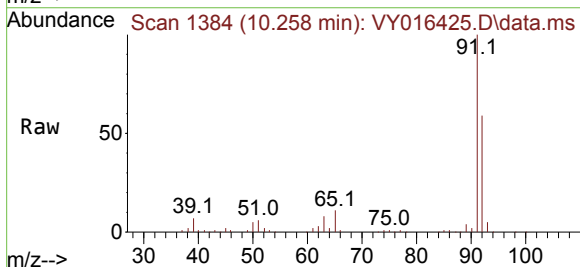
Acq: 20 Nov 2023 15:16

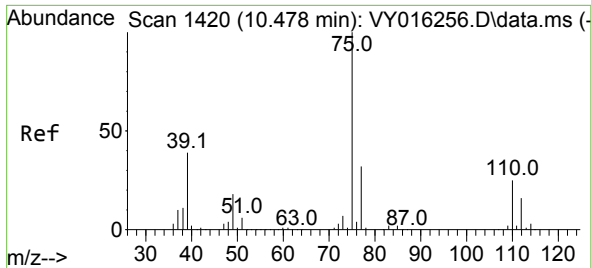
Tgt Ion: 92 Resp: 87662

Ion Ratio Lower Upper

92 100

91 173.6 143.8 215.6

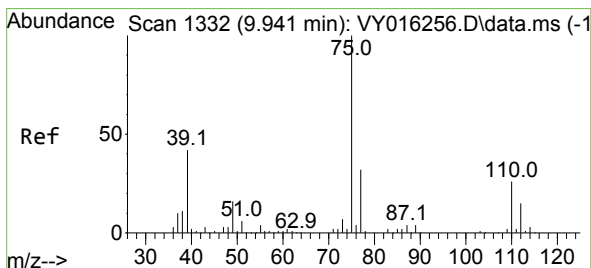
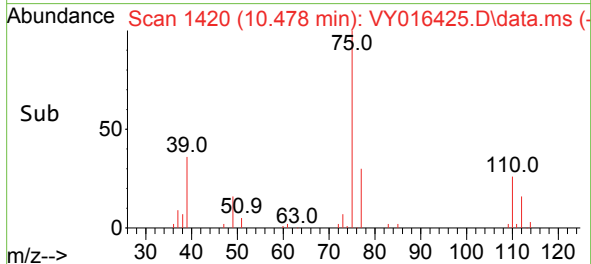
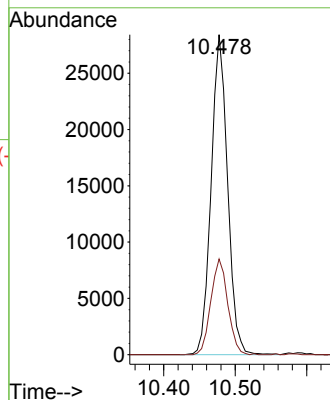
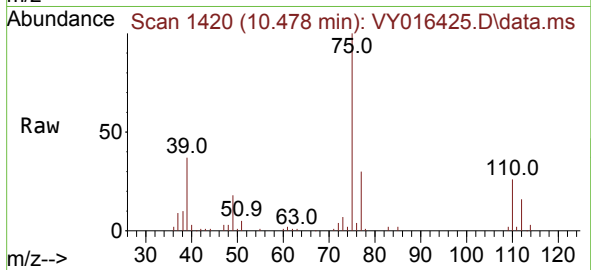




#53
t-1,3-Dichloropropene
Concen: 20.239 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

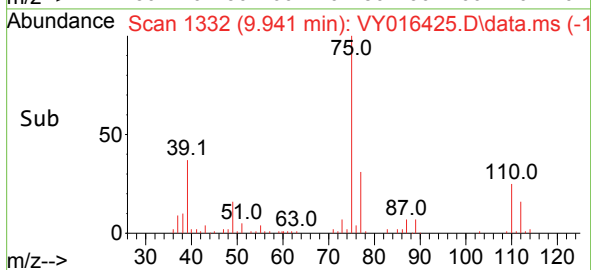
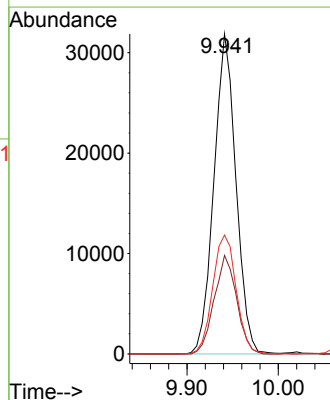
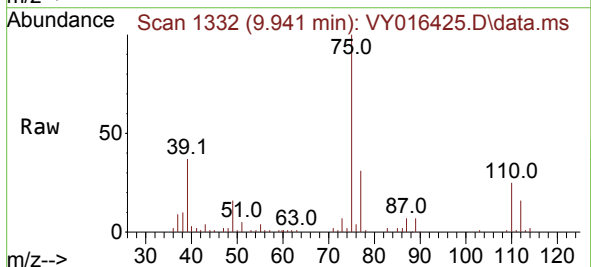
Instrument :
MSVOA_Y
ClientSampleId :

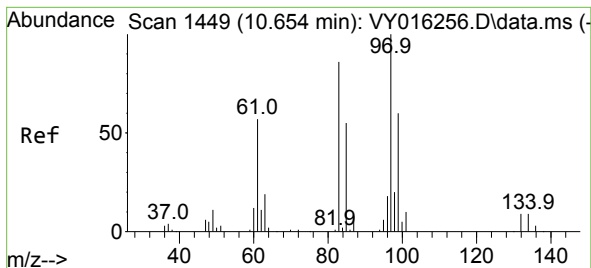
Tgt Ion: 75 Resp: 45272
Ion Ratio Lower Upper
75 100
77 29.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.969 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 75 Resp: 53351
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4
39 37.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 20.800 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 25730

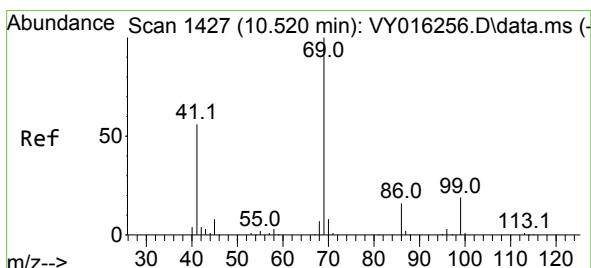
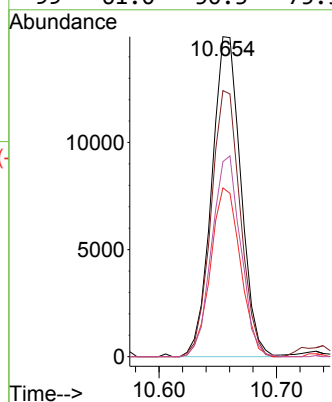
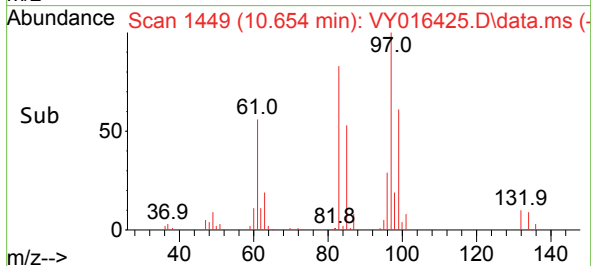
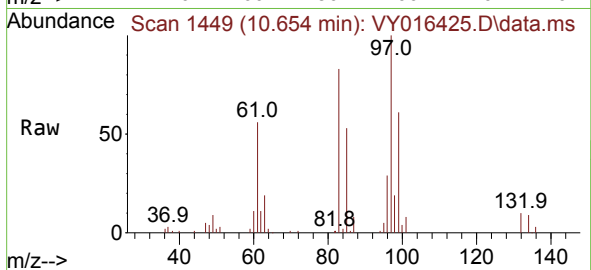
Ion Ratio Lower Upper

97 100

83 83.1 72.0 108.0

85 52.8 45.4 68.0

99 61.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.605 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

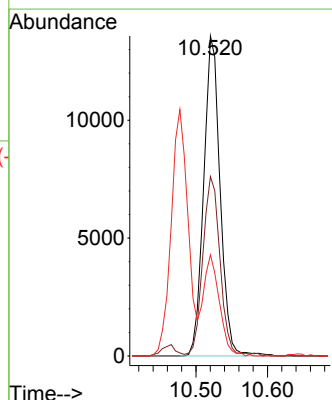
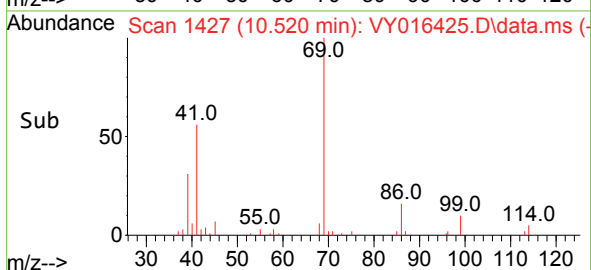
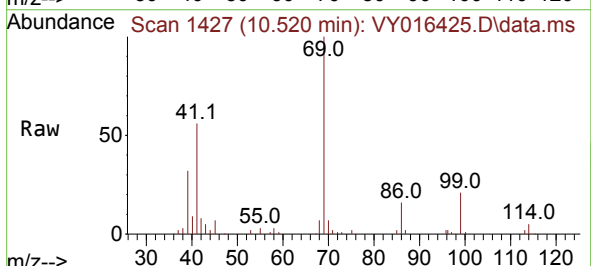
Tgt Ion: 69 Resp: 21725

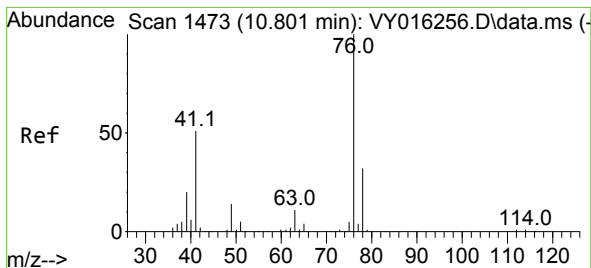
Ion Ratio Lower Upper

69 100

41 58.9 57.6 86.4

39 30.5 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.245 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

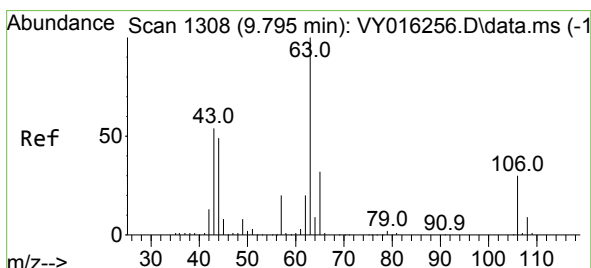
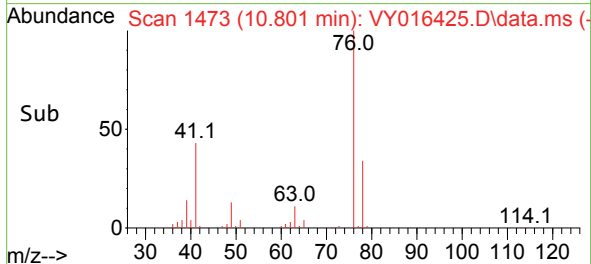
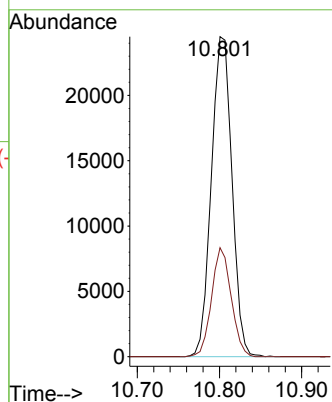
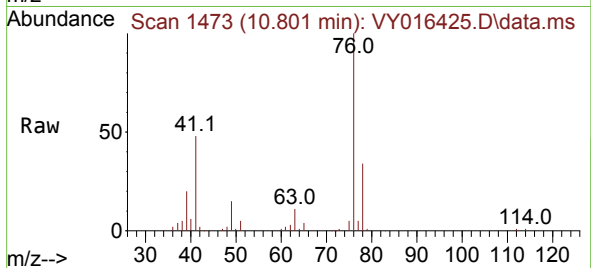
ClientSampleId :

Tgt Ion: 76 Resp: 42688

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 89.589 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016425.D

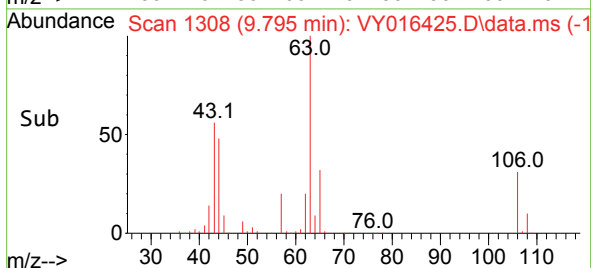
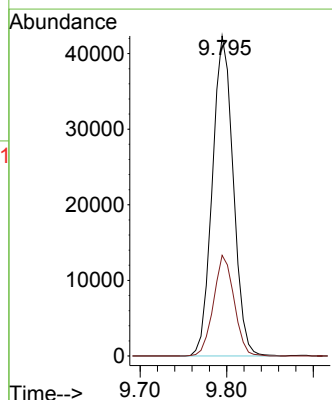
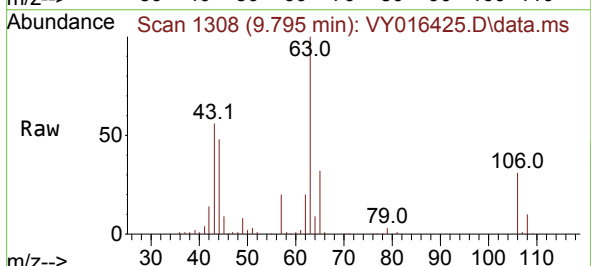
Acq: 20 Nov 2023 15:16

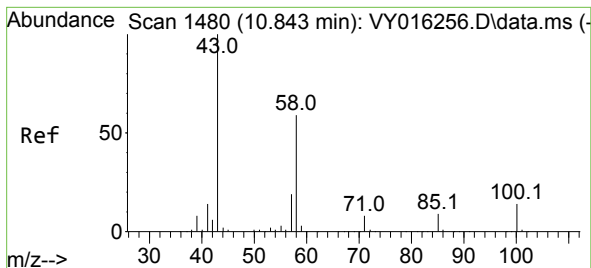
Tgt Ion: 63 Resp: 70936

Ion Ratio Lower Upper

63 100

106 30.9 21.2 31.8





#59

2-Hexanone

Concen: 97.660 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

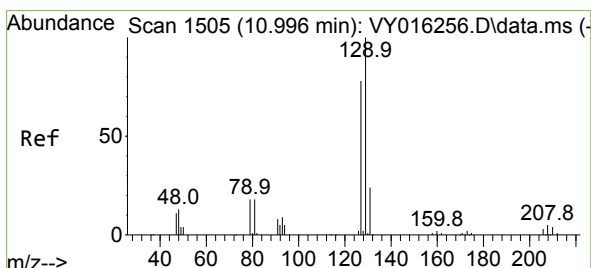
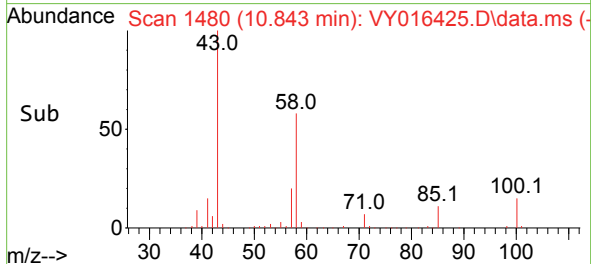
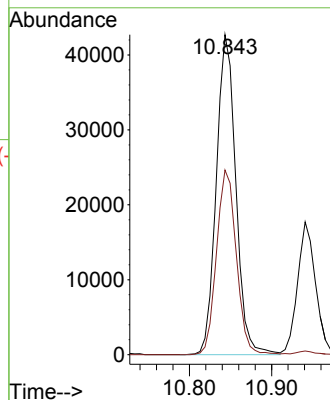
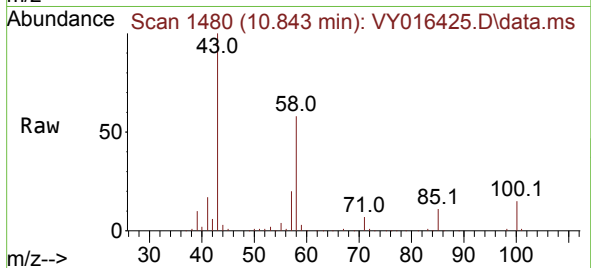
ClientSampleId :

Tgt Ion: 43 Resp: 70421

Ion Ratio Lower Upper

43 100

58 58.5 25.1 75.3



#60

Dibromochloromethane

Concen: 20.921 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY016425.D

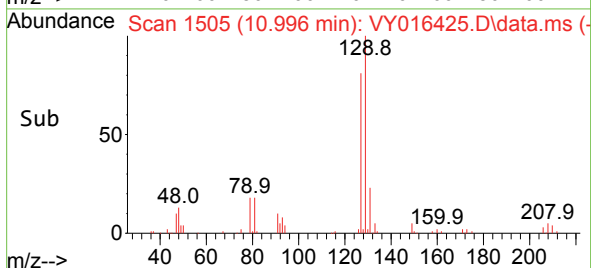
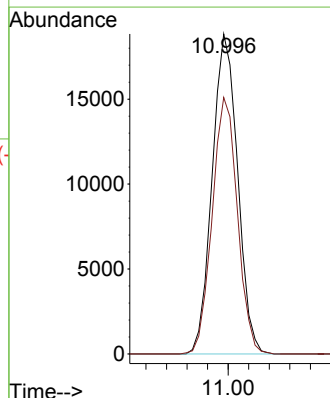
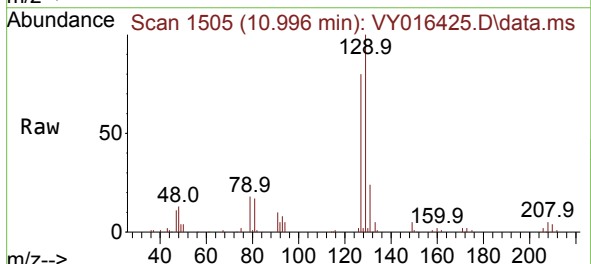
Acq: 20 Nov 2023 15:16

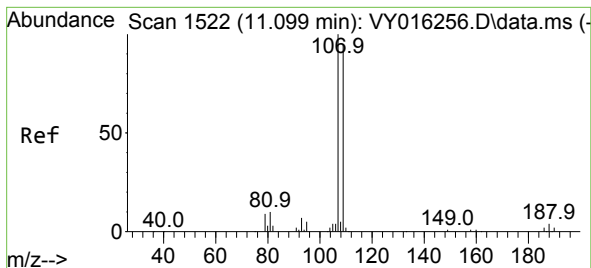
Tgt Ion:129 Resp: 32366

Ion Ratio Lower Upper

129 100

127 79.3 38.5 115.5

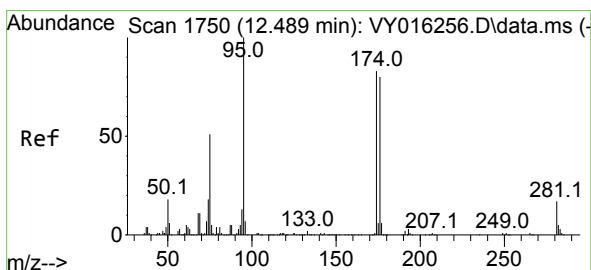
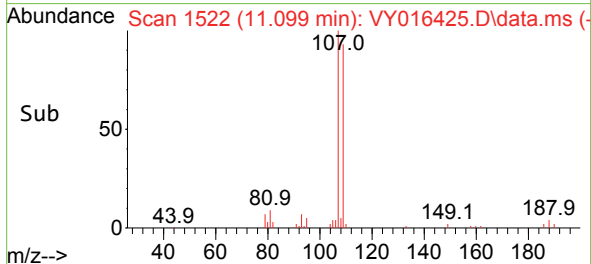
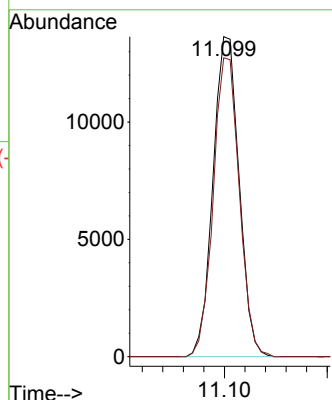
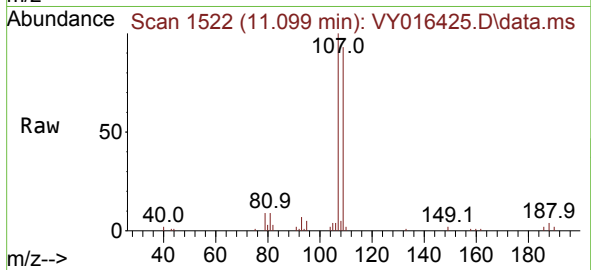




#61
1,2-Dibromoethane
Concen: 20.331 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

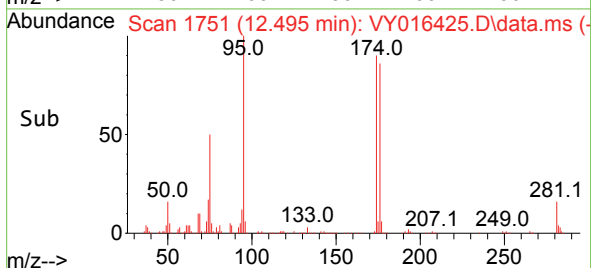
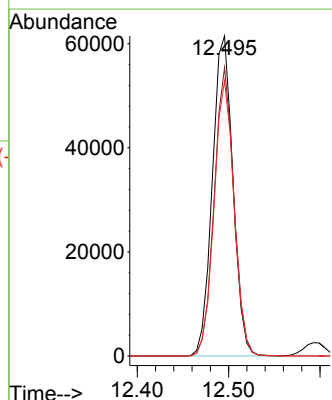
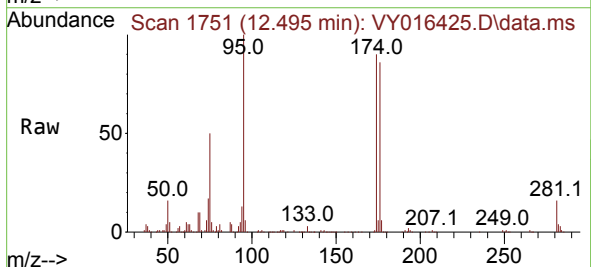
Instrument :
MSVOA_Y
ClientSampleId :

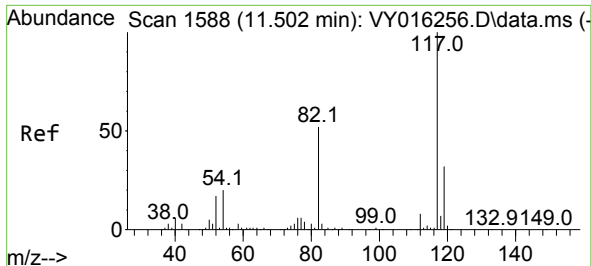
Tgt Ion:107 Resp: 23960
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.473 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 95 Resp: 95833
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 84.0 0.0 173.8

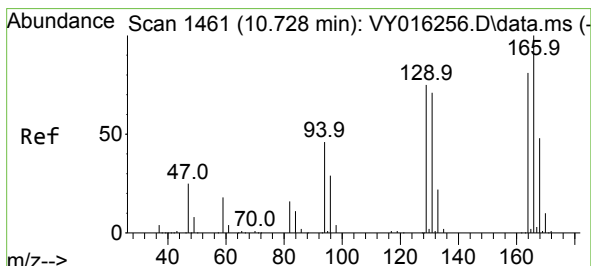
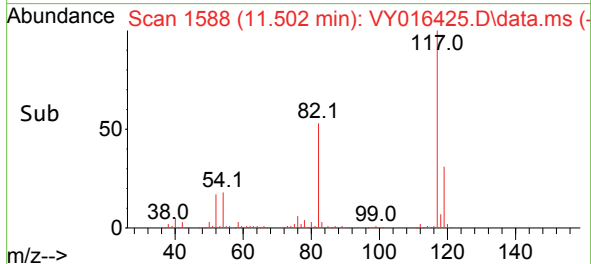
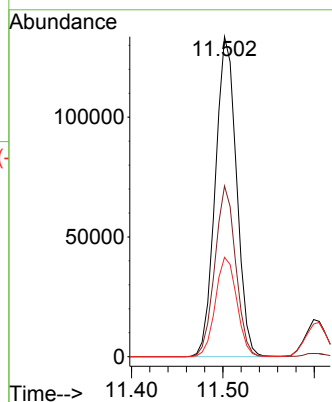
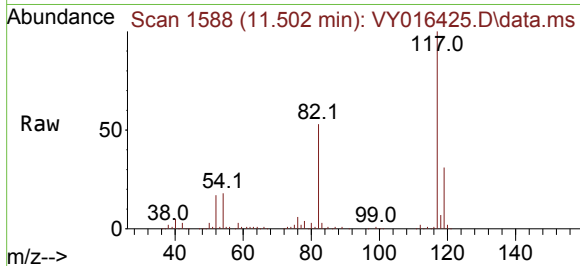




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

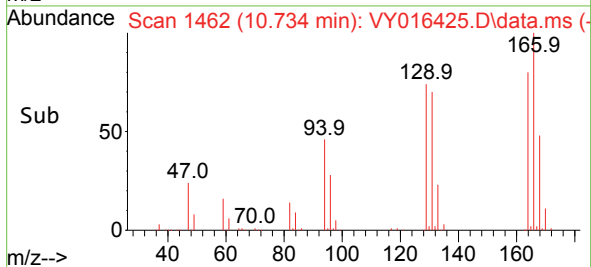
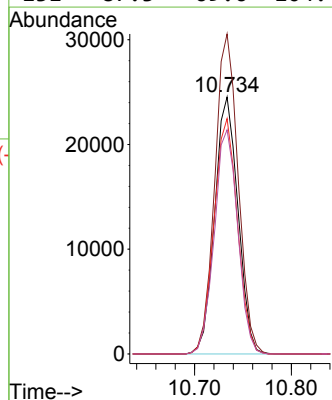
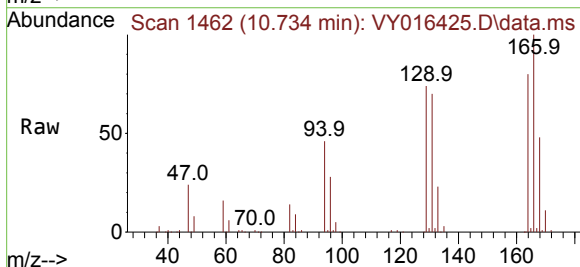
Instrument :
MSVOA_Y
ClientSampleId :

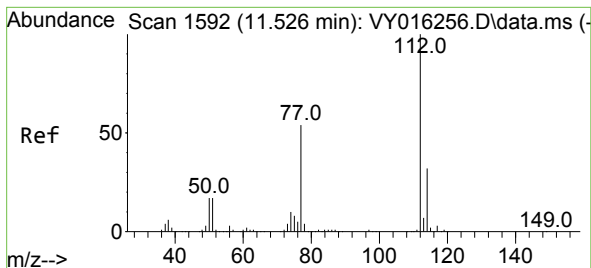
Tgt Ion:117 Resp: 215210
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.1 26.3 39.5



#64
Tetrachloroethene
Concen: 21.199 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion:164 Resp: 40965
Ion Ratio Lower Upper
164 100
166 124.5 103.0 154.6
129 91.6 77.2 115.8
131 87.3 69.6 104.4





#65

Chlorobenzene

Concen: 20.819 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

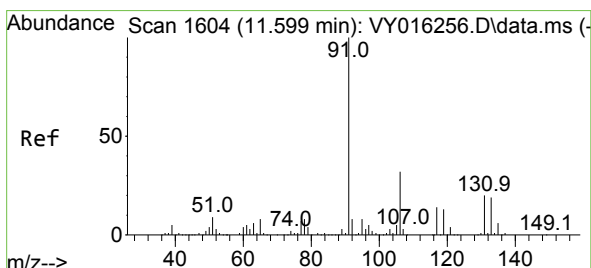
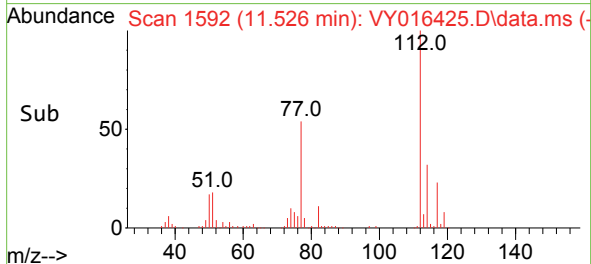
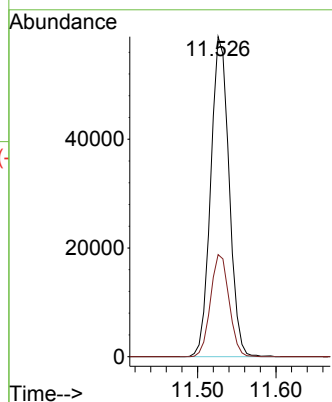
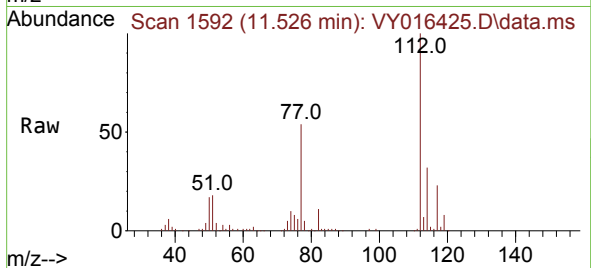
ClientSampleId :

Tgt Ion:112 Resp: 95726

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.482 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

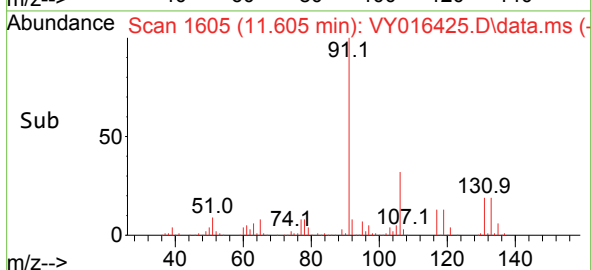
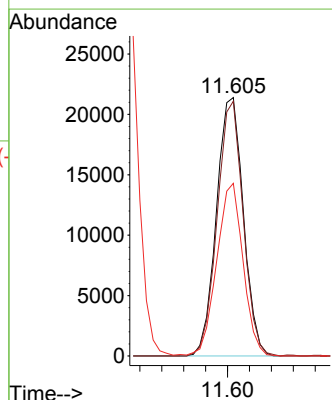
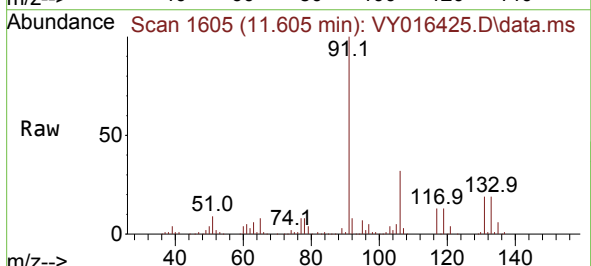
Tgt Ion:131 Resp: 36432

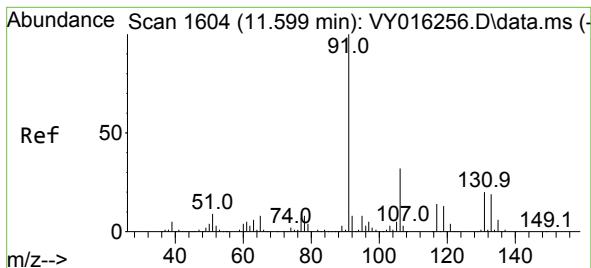
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.6

119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 20.340 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

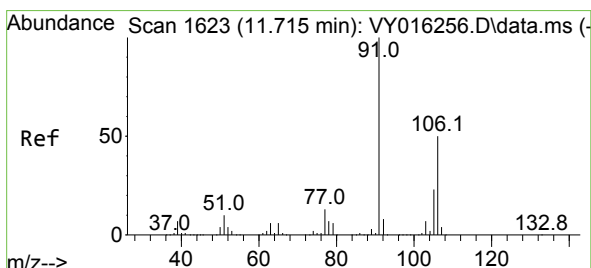
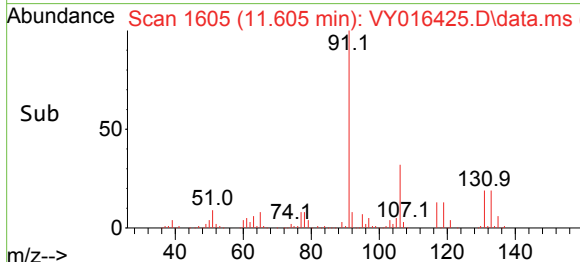
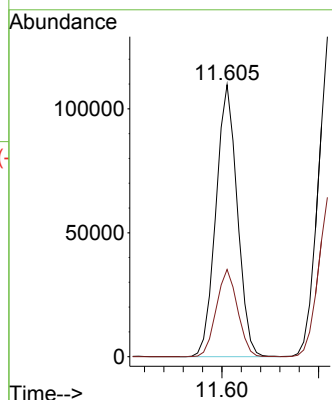
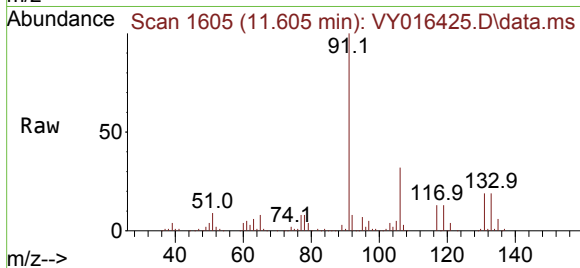
ClientSampleId :

Tgt Ion: 91 Resp: 168077

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8



#68

m/p-Xylenes

Concen: 41.389 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016425.D

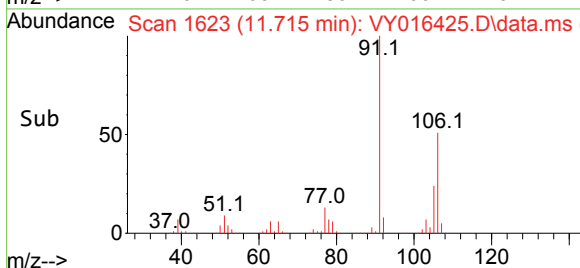
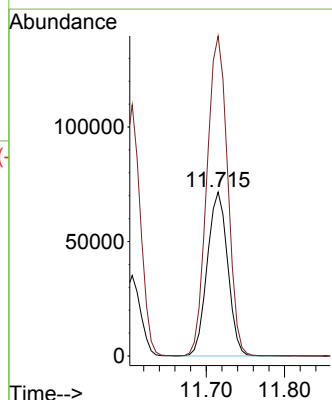
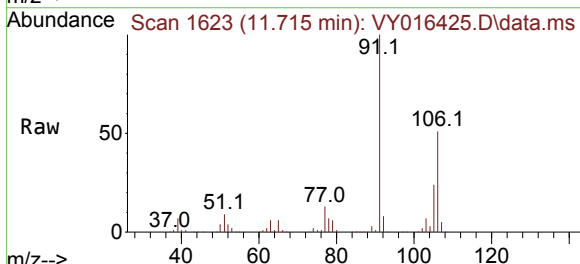
Acq: 20 Nov 2023 15:16

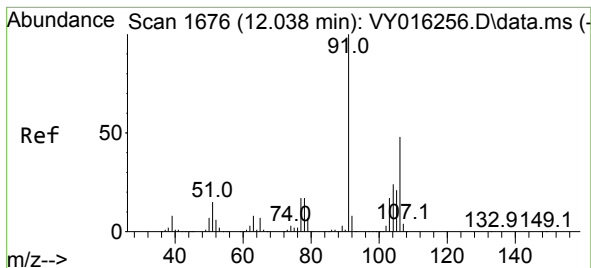
Tgt Ion:106 Resp: 129721

Ion Ratio Lower Upper

106 100

91 197.3 166.1 249.1





#69

o-Xylene

Concen: 20.600 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

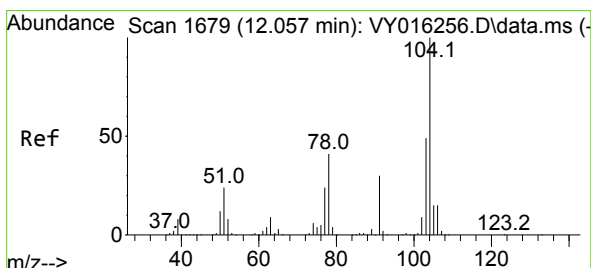
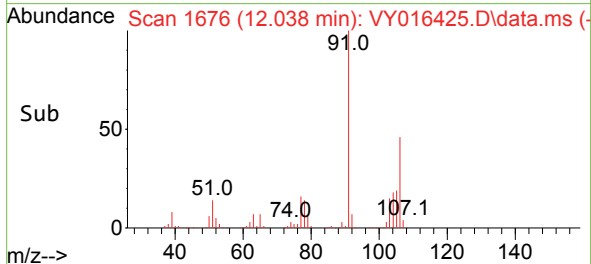
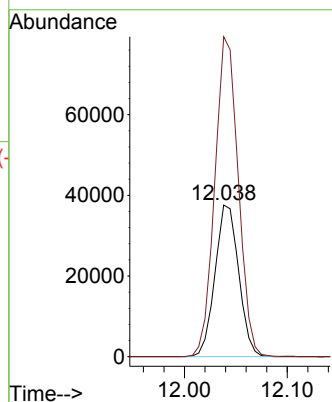
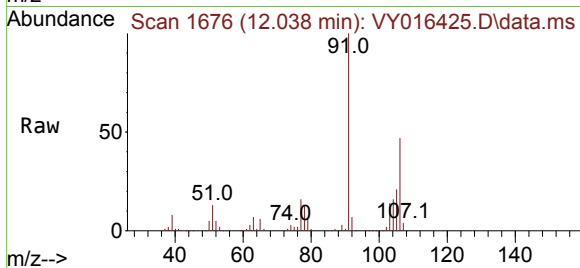
ClientSampleId :

Tgt Ion:106 Resp: 59946

Ion Ratio Lower Upper

106 100

91 209.9 108.1 324.3



#70

Styrene

Concen: 21.136 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

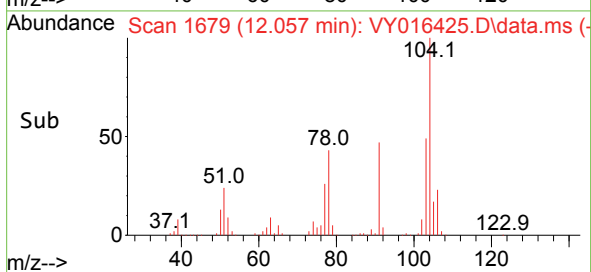
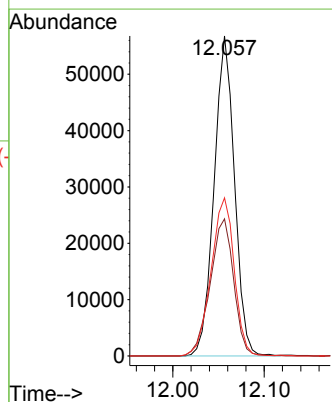
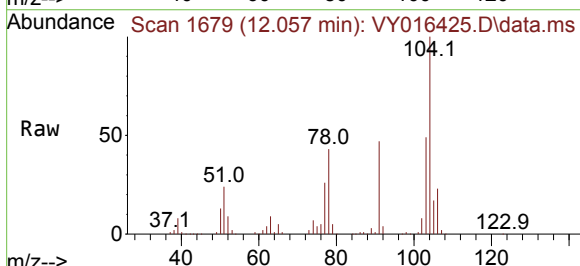
Tgt Ion:104 Resp: 88071

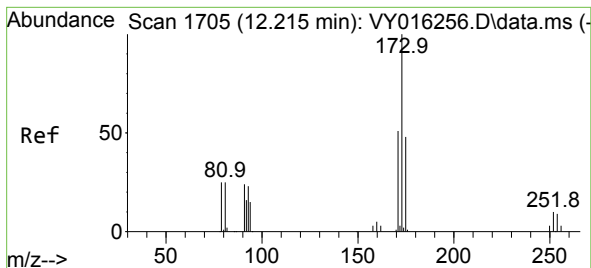
Ion Ratio Lower Upper

104 100

78 49.2 41.5 62.3

103 56.0 44.6 67.0





#71

Bromoform

Concen: 21.162 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

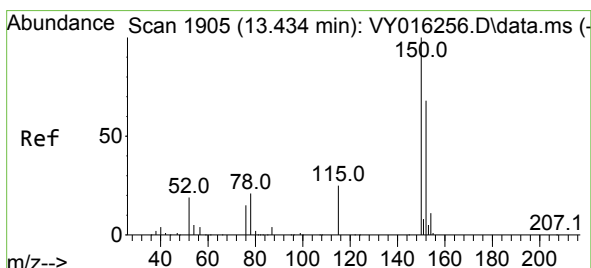
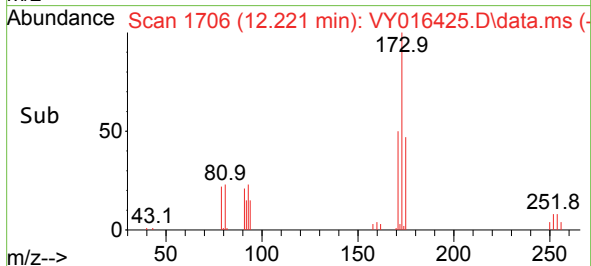
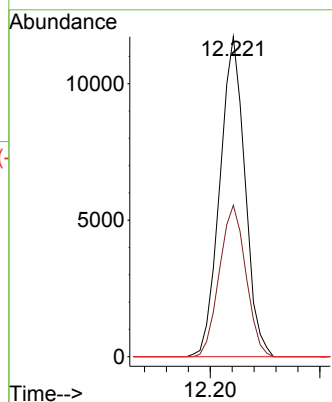
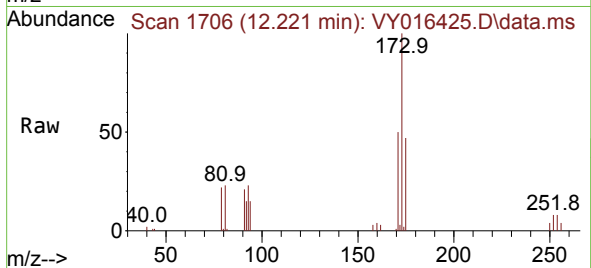
Tgt Ion:173 Resp: 18622

Ion Ratio Lower Upper

173 100

175 49.7 24.6 73.8

254 0.0 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: VY016425.D

Acq: 20 Nov 2023 15:16

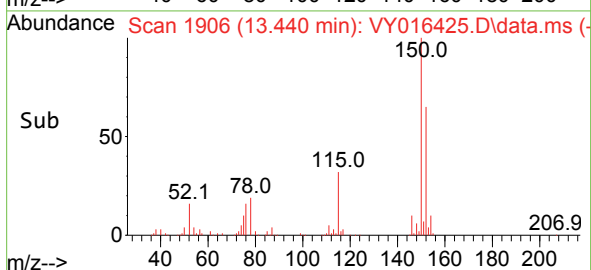
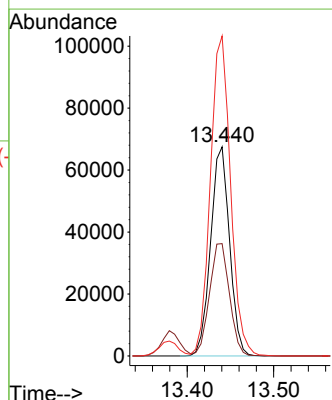
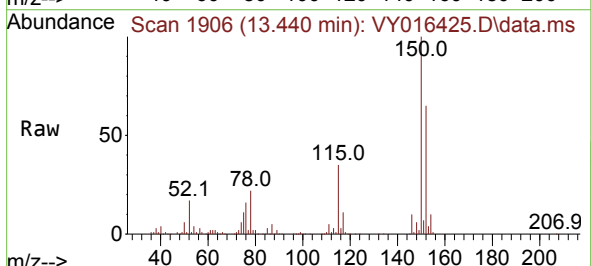
Tgt Ion:152 Resp: 102480

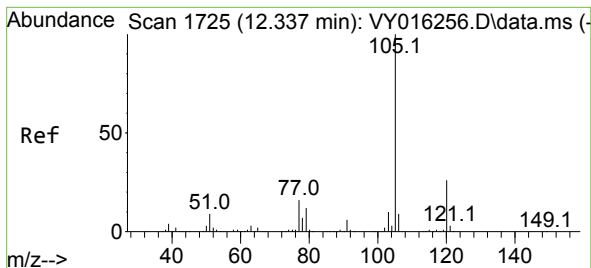
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 162.9 0.0 348.8





#73

Isopropylbenzene

Concen: 20.317 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

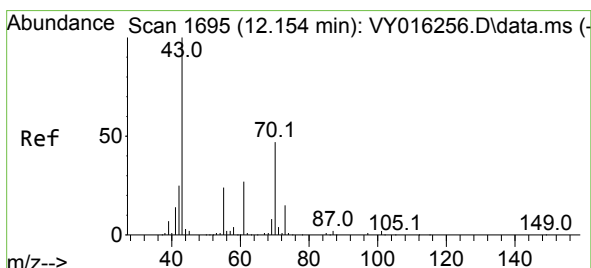
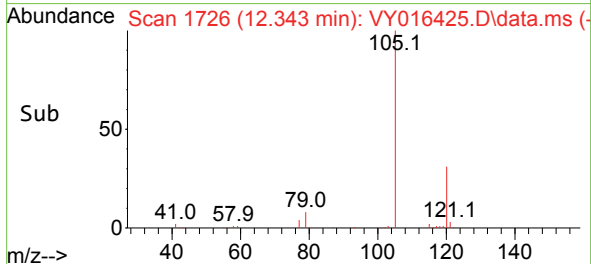
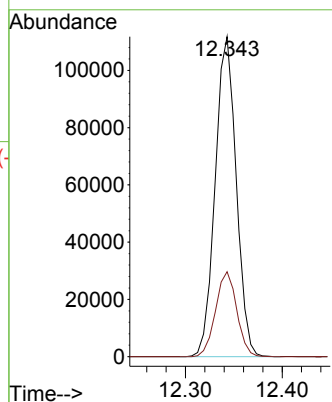
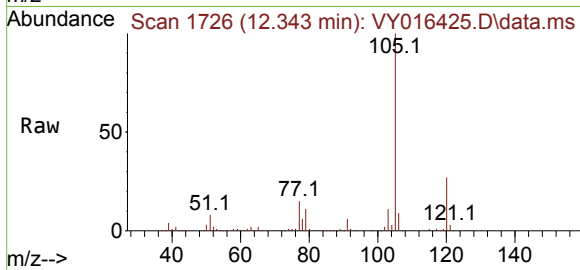
ClientSampleId :

Tgt Ion:105 Resp: 168605

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 16.391 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Tgt Ion: 43 Resp: 27322

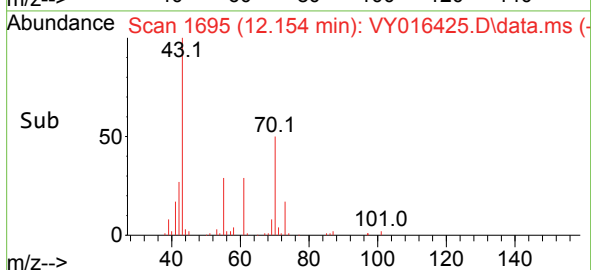
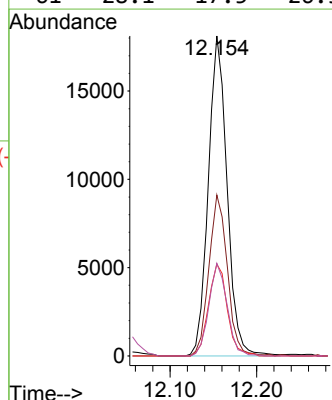
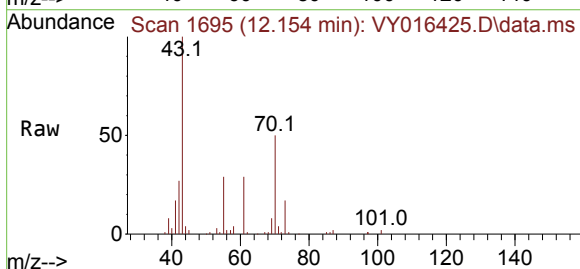
Ion Ratio Lower Upper

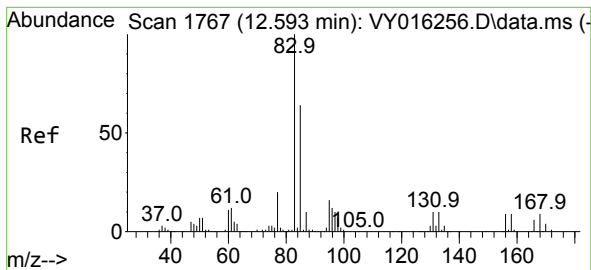
43 100

70 49.6 29.7 44.5#

55 28.7 18.3 27.5#

61 28.1 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 18.923 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

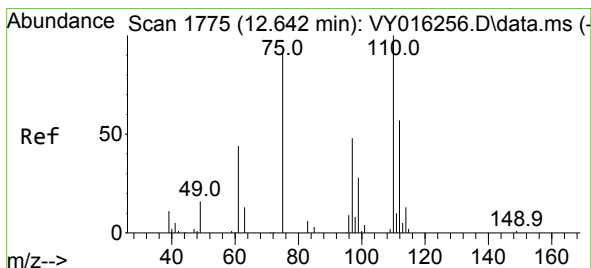
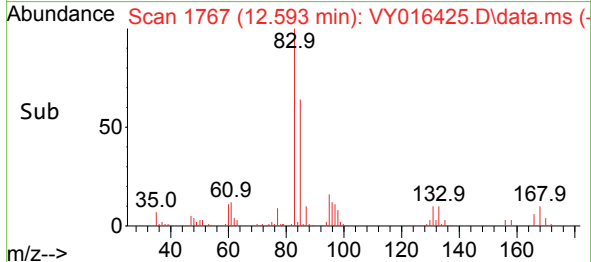
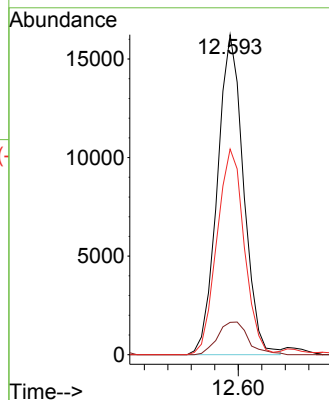
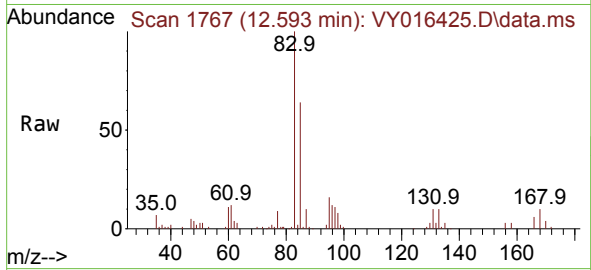
Tgt Ion: 83 Resp: 25198

Ion Ratio Lower Upper

83 100

131 11.9 5.4 16.2

85 67.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.676 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016425.D

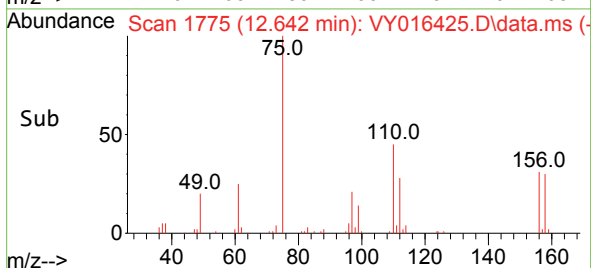
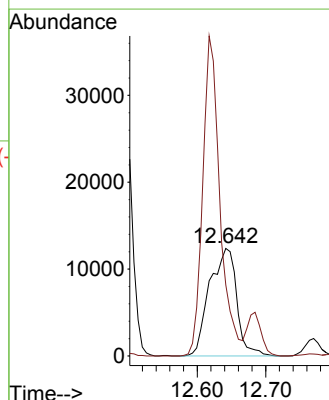
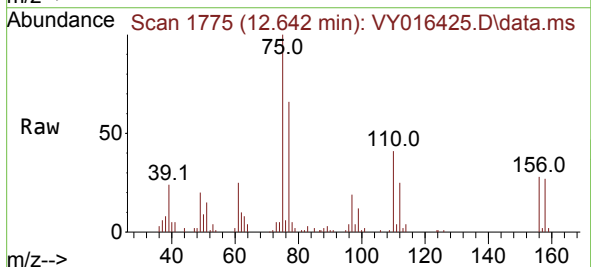
Acq: 20 Nov 2023 15:16

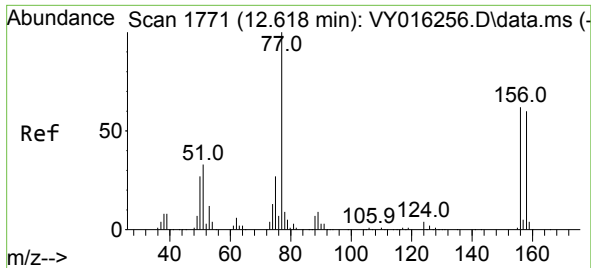
Tgt Ion: 75 Resp: 34089

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

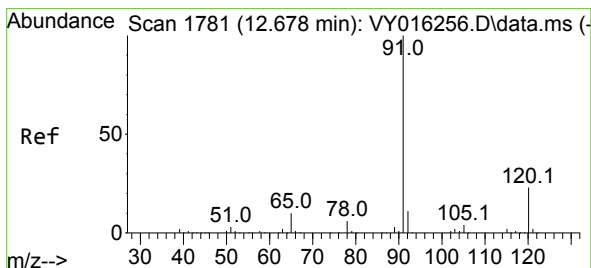
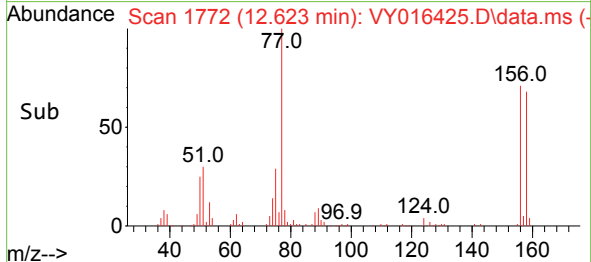
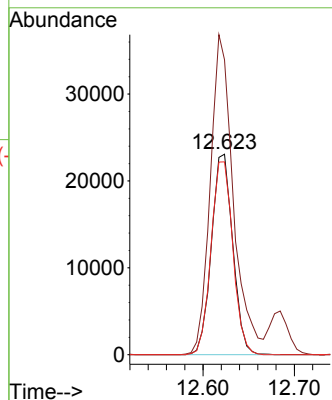
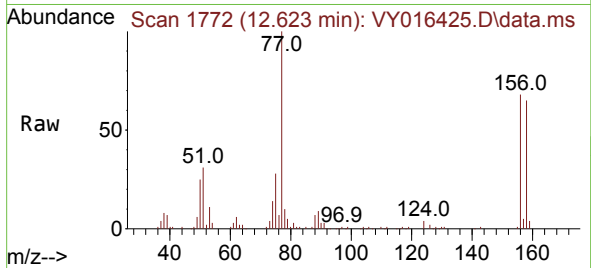




#77
Bromobenzene
Concen: 19.955 ug/l
RT: 12.623 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

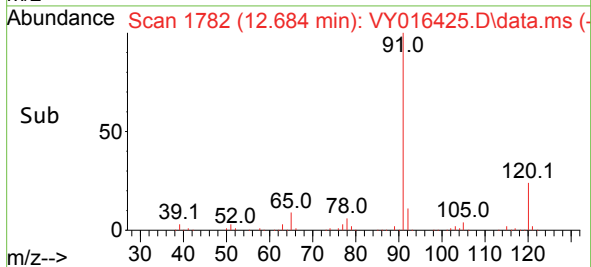
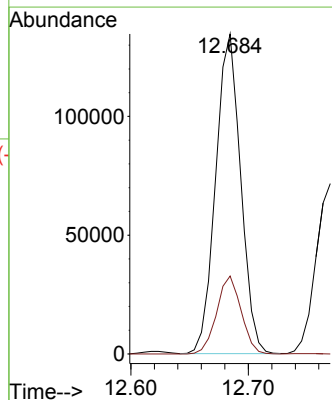
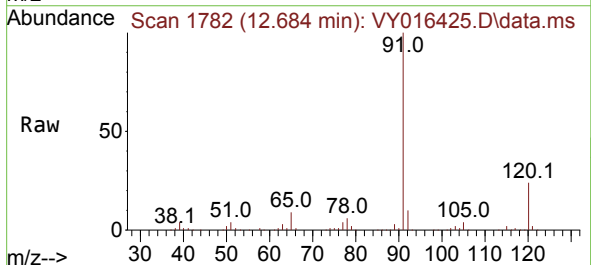
Instrument :
MSVOA_Y
ClientSampleId :

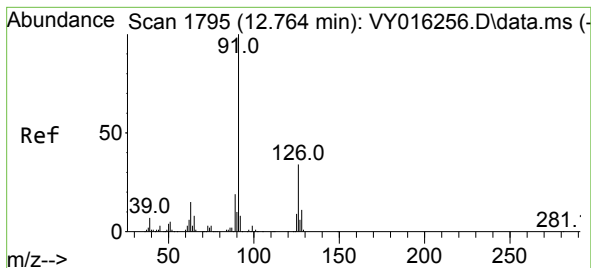
Tgt Ion:156 Resp: 37427
Ion Ratio Lower Upper
156 100
77 172.7 92.8 278.6
158 98.3 48.4 145.3



#78
n-propylbenzene
Concen: 20.285 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 91 Resp: 198936
Ion Ratio Lower Upper
91 100
120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.163 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

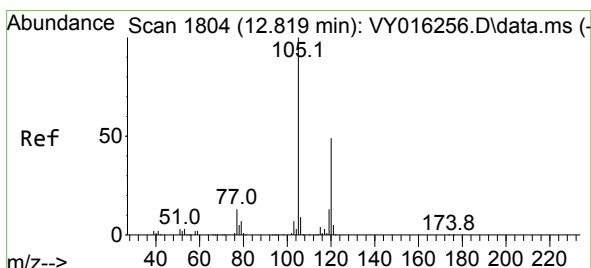
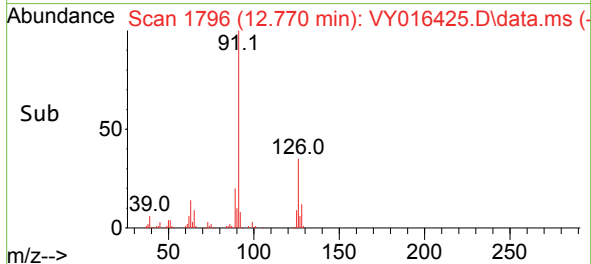
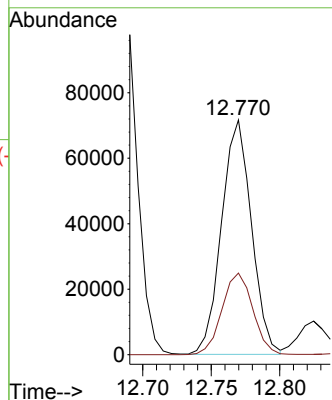
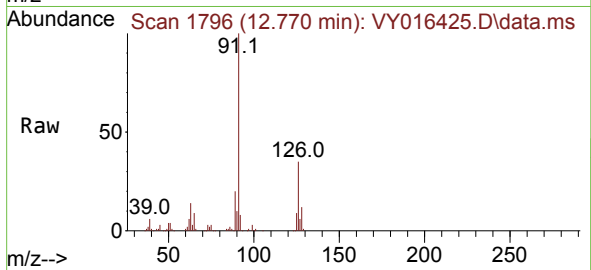
ClientSampleId :

Tgt Ion: 91 Resp: 108975

Ion Ratio Lower Upper

91 100

126 35.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.675 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016425.D

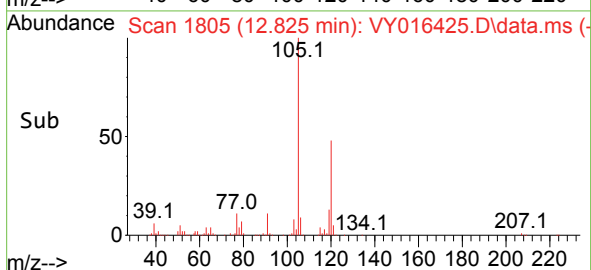
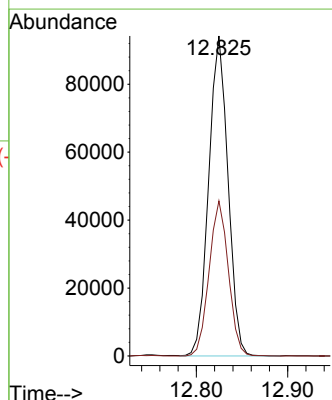
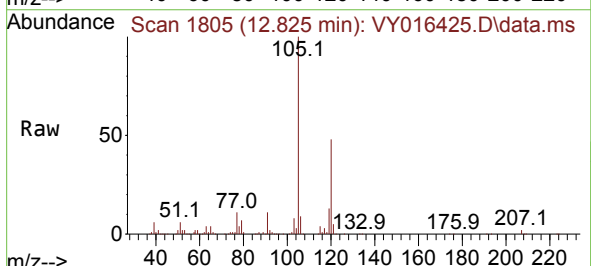
Acq: 20 Nov 2023 15:16

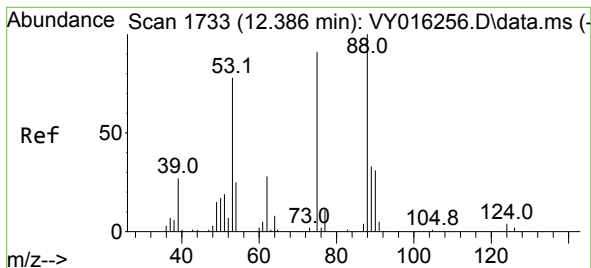
Tgt Ion:105 Resp: 138333

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.7

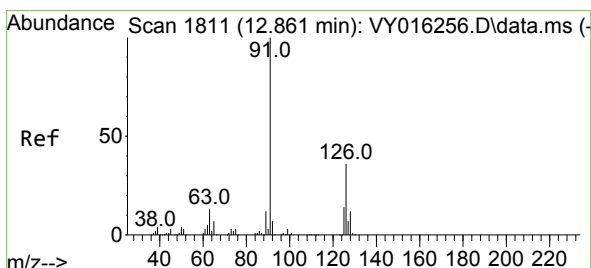
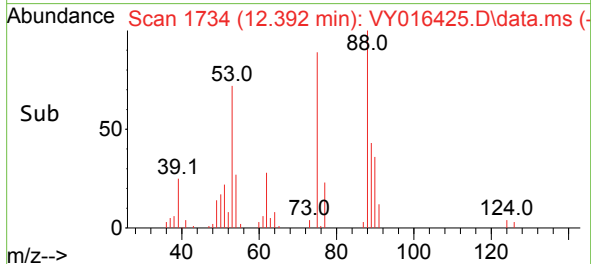
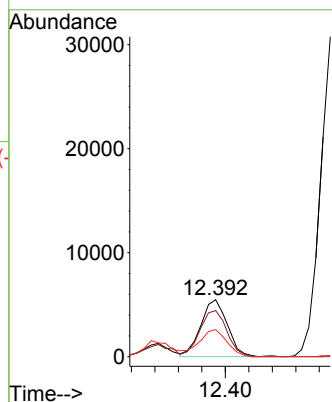
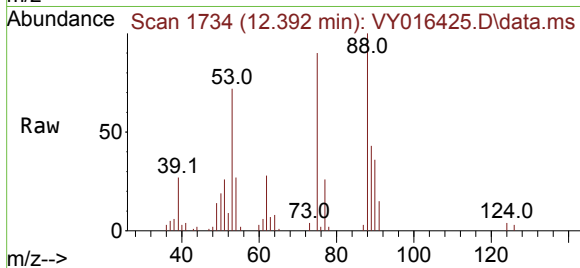




#81
trans-1,4-Dichloro-2-butene
Concen: 19.030 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

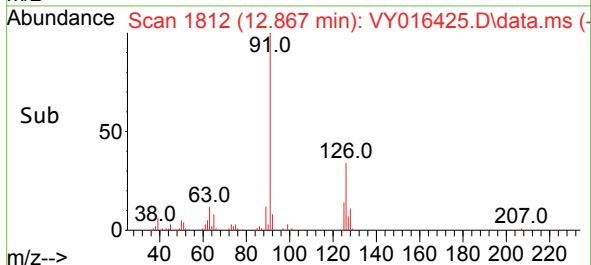
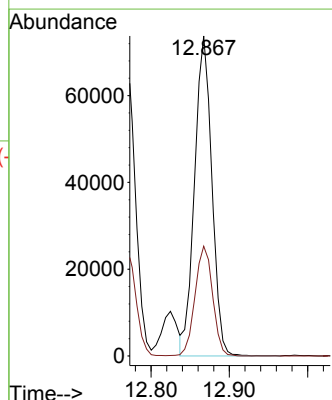
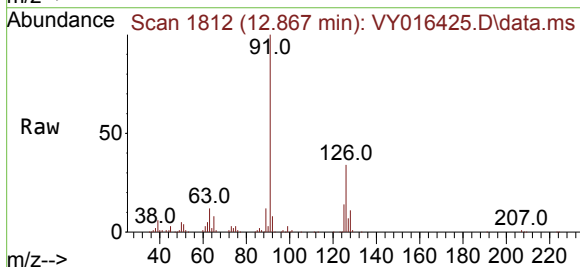
Instrument :
MSVOA_Y
ClientSampleId :

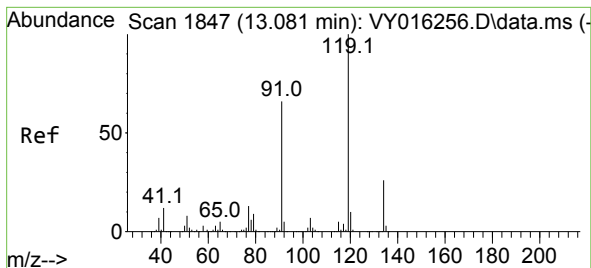
Tgt Ion: 75 Resp: 8619
Ion Ratio Lower Upper
75 100
53 81.9 77.8 116.8
89 50.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.297 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 91 Resp: 113352
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.860 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

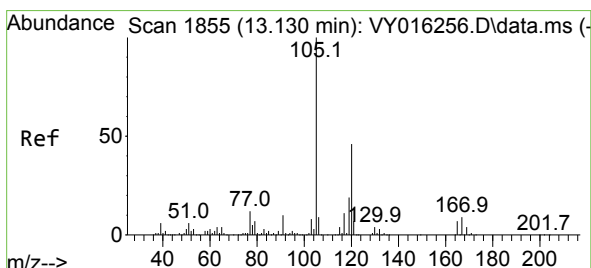
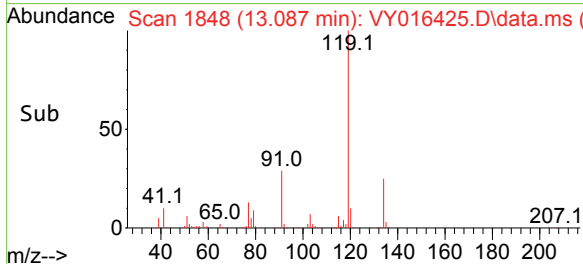
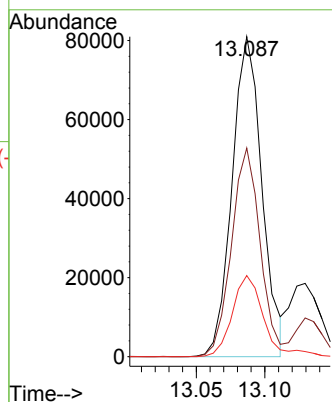
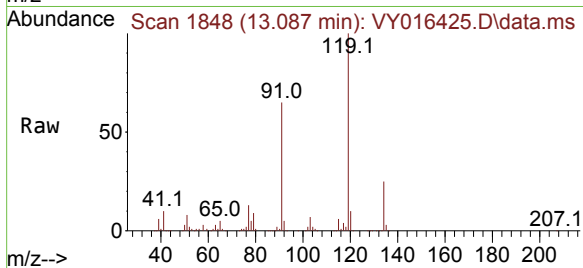
Tgt Ion:119 Resp: 122937

Ion Ratio Lower Upper

119 100

91 62.5 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.633 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016425.D

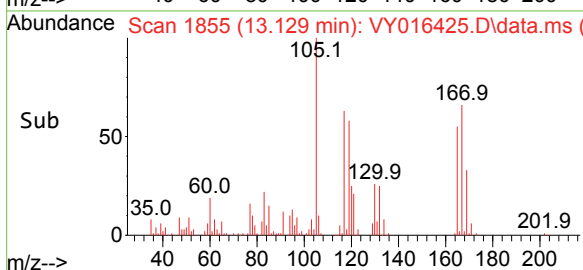
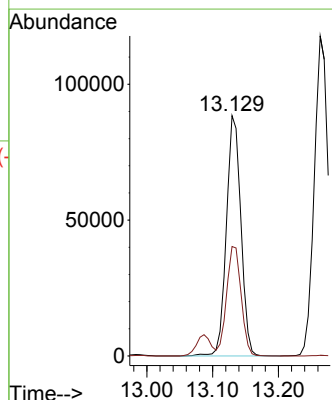
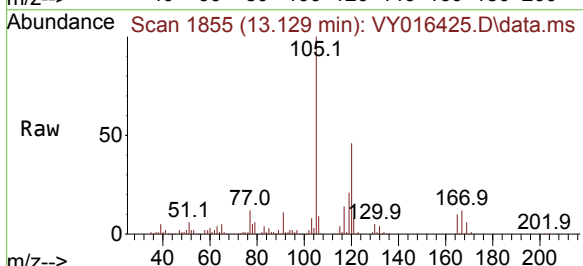
Acq: 20 Nov 2023 15:16

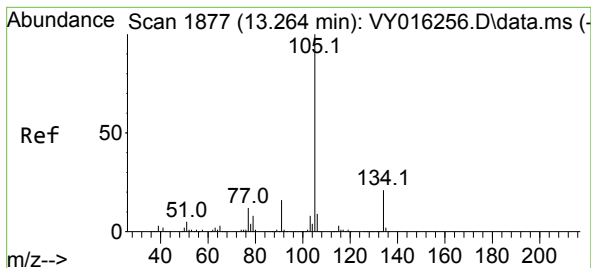
Tgt Ion:105 Resp: 135935

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.748 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

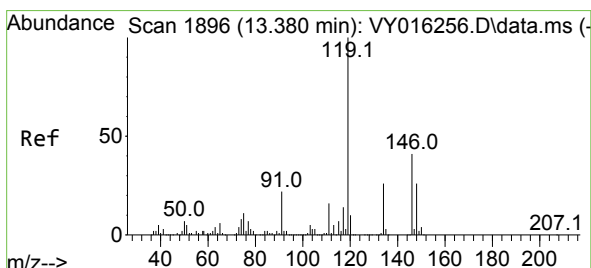
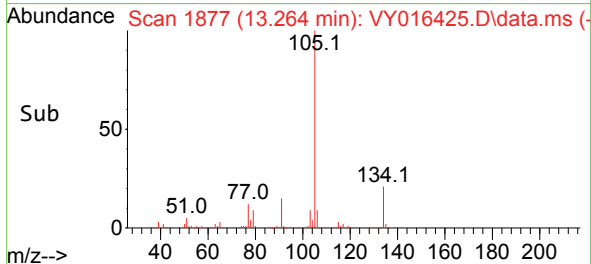
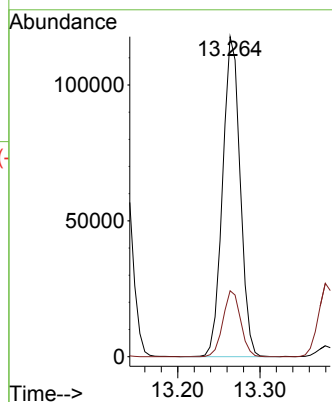
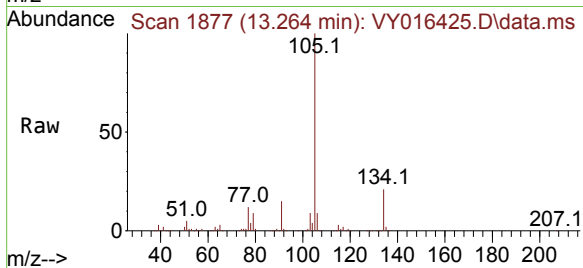
ClientSampleId :

Tgt Ion:105 Resp: 174683

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.733 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

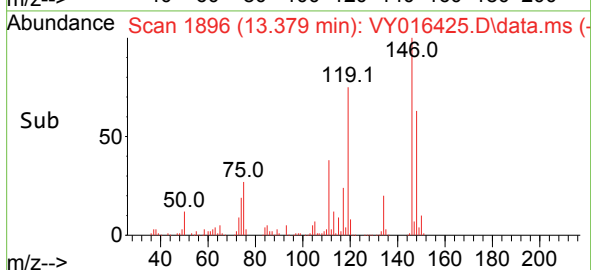
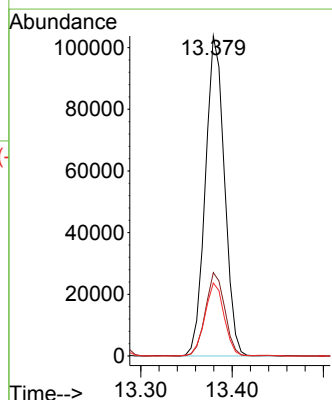
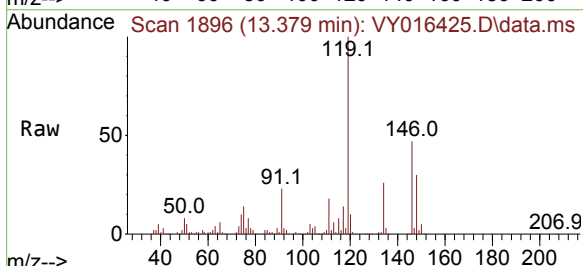
Tgt Ion:119 Resp: 150309

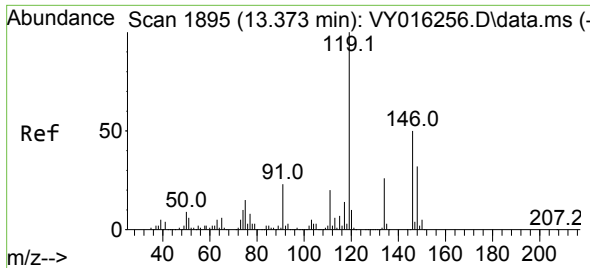
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.1 12.4 37.4

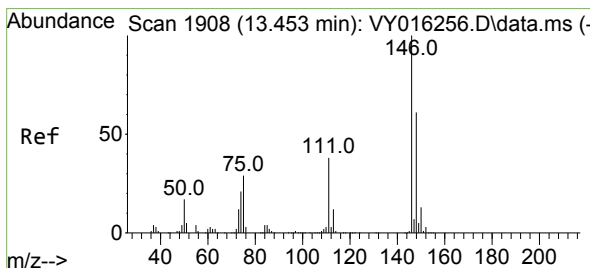
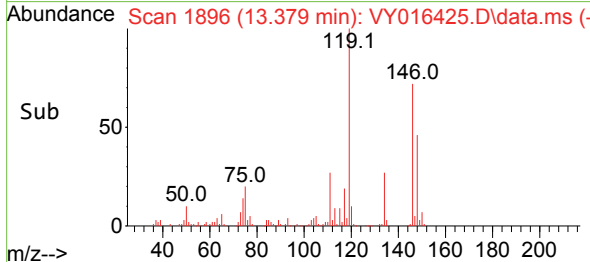
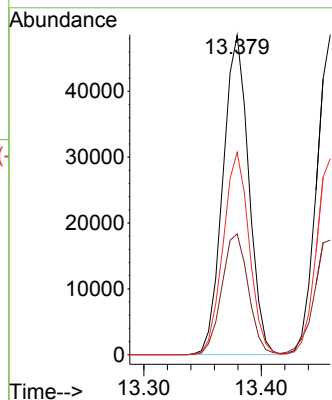
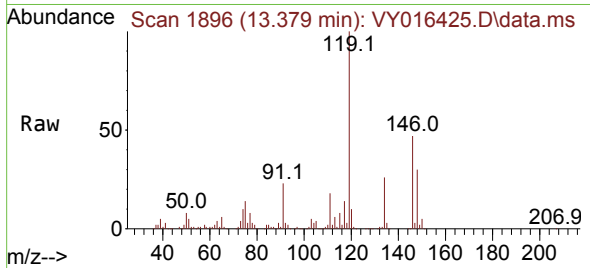




#87
 1,3-Dichlorobenzene
 Concen: 20.572 ug/l
 RT: 13.379 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016425.D
 Acq: 20 Nov 2023 15:16

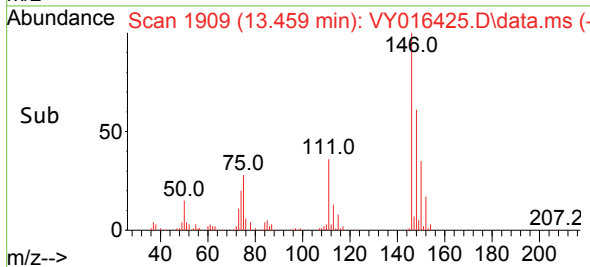
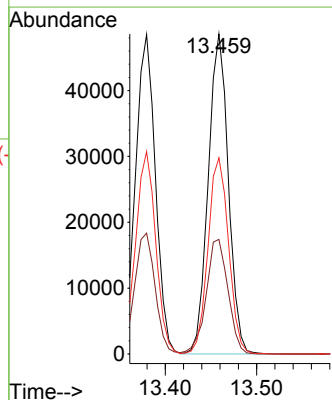
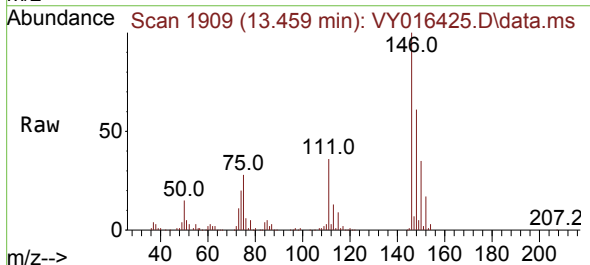
Instrument :
 MSVOA_Y
 ClientSampleId :

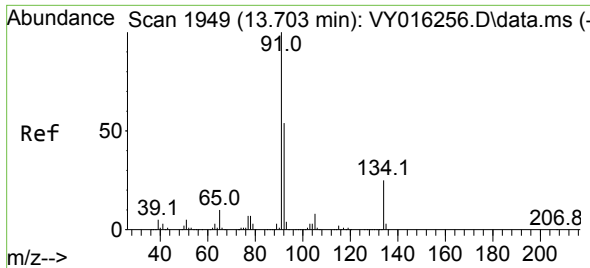
Tgt Ion:146 Resp: 74230
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.2
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.033 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016425.D
 Acq: 20 Nov 2023 15:16

Tgt Ion:146 Resp: 74171
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.7
 148 62.9 32.1 96.5

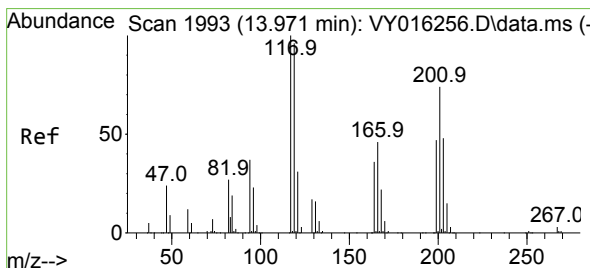
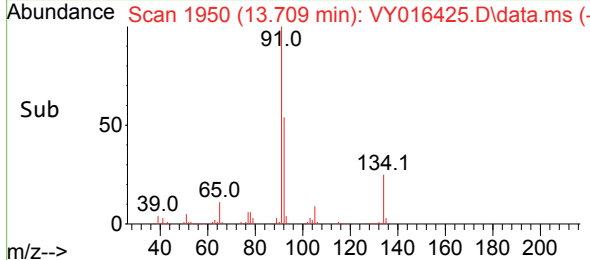
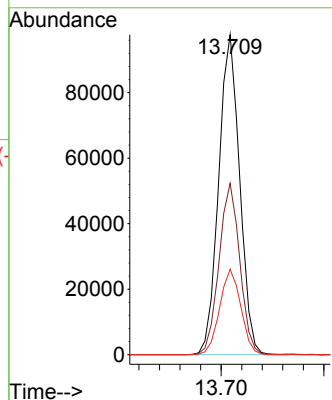
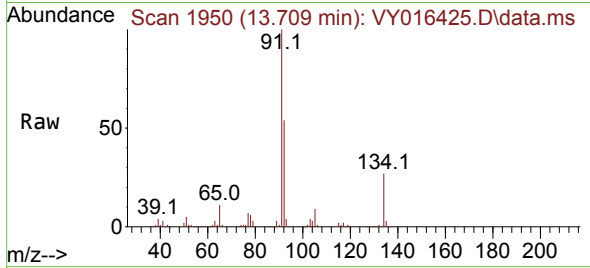




#89
n-Butylbenzene
Concen: 20.617 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

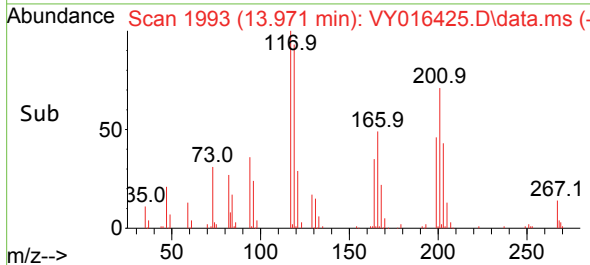
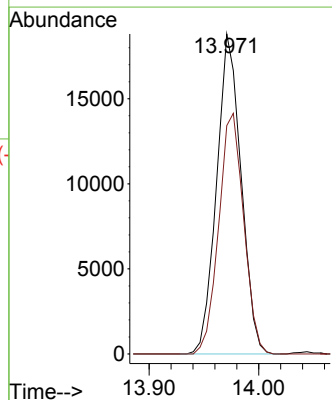
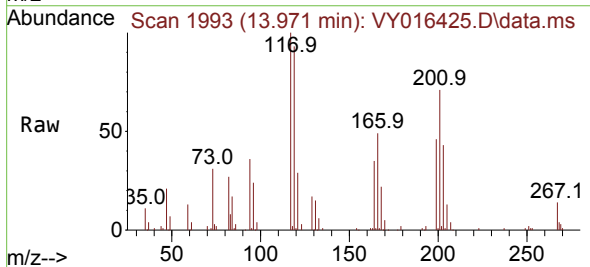
Instrument :
MSVOA_Y
ClientSampleId :

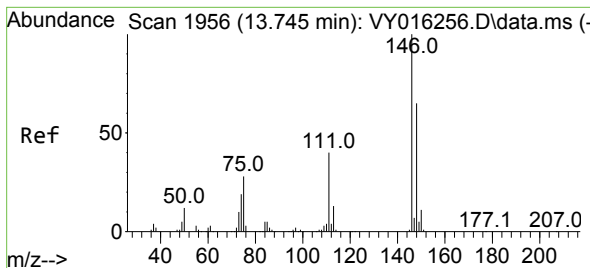
Tgt Ion: 91 Resp: 138031
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 26.9 12.6 37.6



#90
Hexachloroethane
Concen: 20.877 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016425.D
Acq: 20 Nov 2023 15:16

Tgt Ion: 117 Resp: 29196
Ion Ratio Lower Upper
117 100
201 76.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.545 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

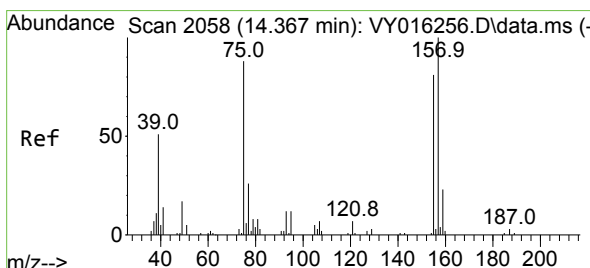
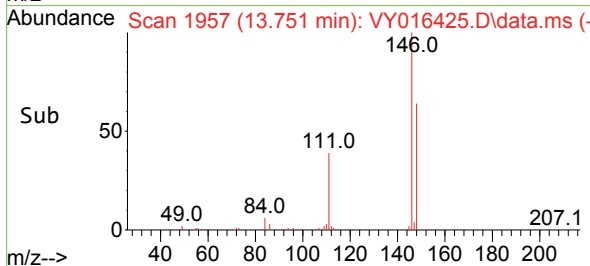
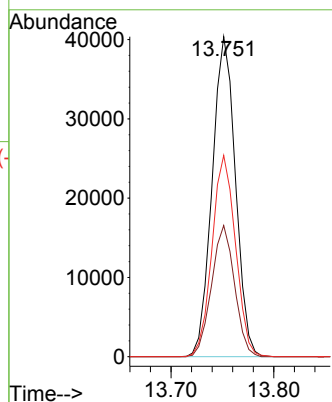
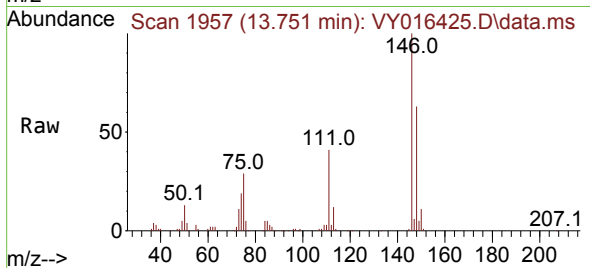
Tgt Ion:146 Resp: 63525

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.521 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

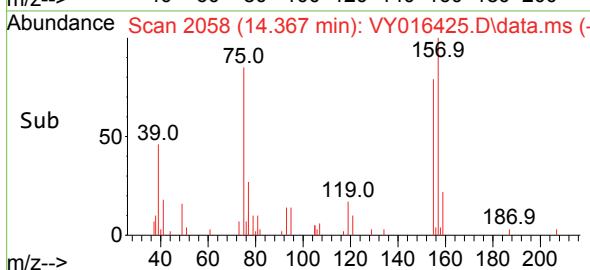
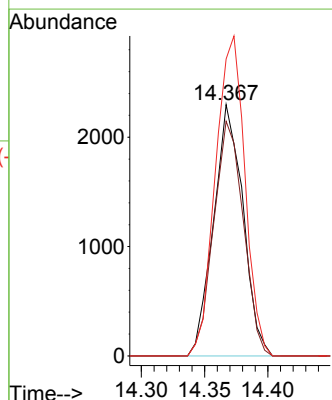
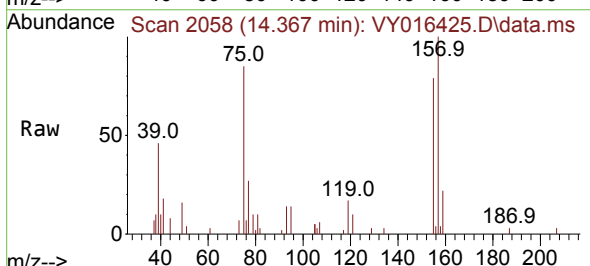
Tgt Ion: 75 Resp: 3712

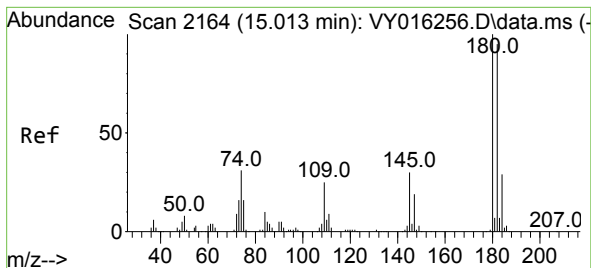
Ion Ratio Lower Upper

75 100

155 94.0 41.5 124.6

157 127.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.539 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

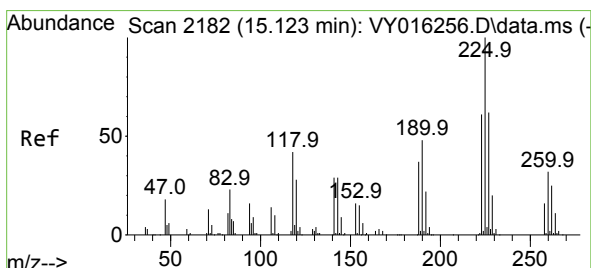
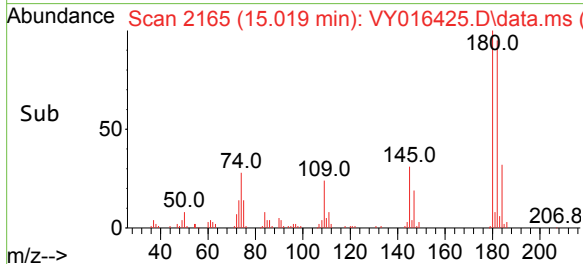
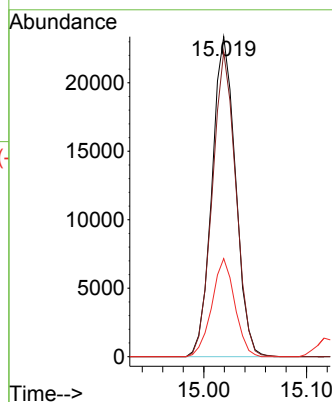
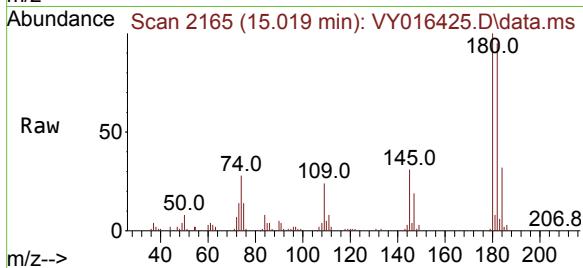
Tgt Ion:180 Resp: 37069

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 30.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.707 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

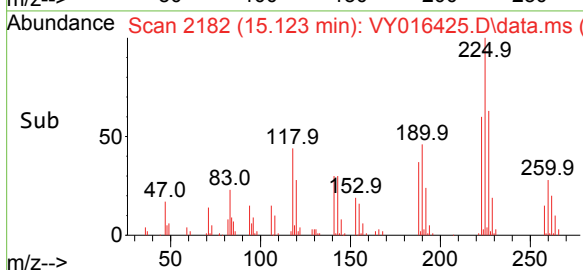
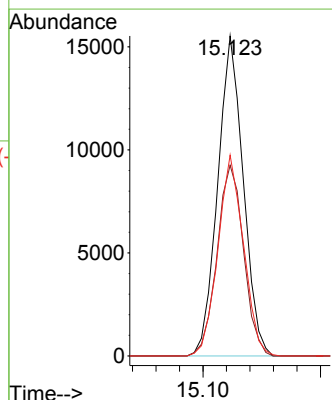
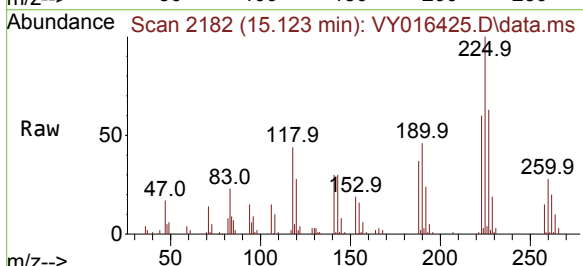
Tgt Ion:225 Resp: 23479

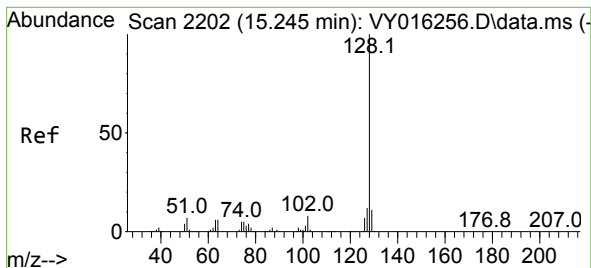
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.9

227 62.7 33.0 98.9





#95

Naphthalene

Concen: 19.083 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016425.D

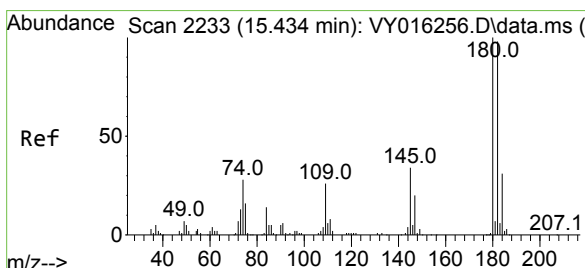
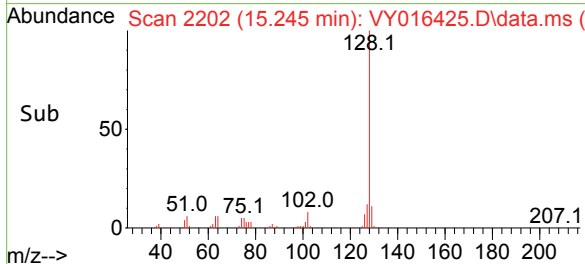
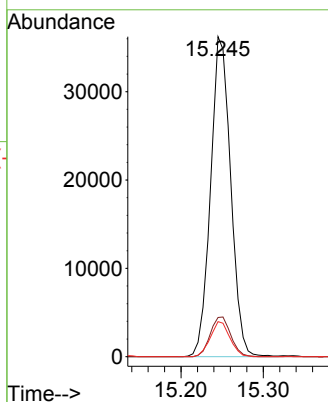
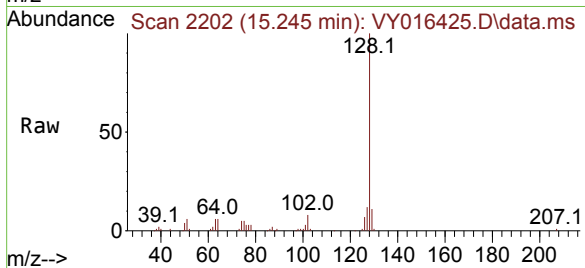
Acq: 20 Nov 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	61600
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.8 16.2
129	10.7	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.283 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016425.D

Acq: 20 Nov 2023 15:16

Tgt Ion:180	Resp:	30279
Ion Ratio	Lower	Upper
180	100	
182	94.7	47.3 141.8
145	32.8	15.4 46.2

