

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016150.D
 Acq On : 31 Oct 2023 16:51
 Operator : SY/MD
 Sample : VY1031SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:37:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	181415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	289500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	251911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	118992	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84406	49.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.440%
35) Dibromofluoromethane	7.722	113	80874	46.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.720%
50) Toluene-d8	10.185	98	333389	48.720	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.489	95	108864	46.525	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22159	19.148	ug/l	99
3) Chloromethane	2.113	50	31368	19.578	ug/l	99
4) Vinyl Chloride	2.247	62	31476	19.034	ug/l	94
5) Bromomethane	2.643	94	22030	19.740	ug/l	94
6) Chloroethane	2.790	64	23056	19.804	ug/l	95
7) Trichlorofluoromethane	3.125	101	48945	19.605	ug/l	96
8) Diethyl Ether	3.521	74	17373	20.996	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	31881	20.271	ug/l	95
10) Methyl Iodide	4.088	142	32437	18.547	ug/l	100
11) Tert butyl alcohol	4.948	59	13669	107.772	ug/l	100
12) 1,1-Dichloroethene	3.869	96	28644	19.954	ug/l	92
13) Acrolein	3.723	56	14115	116.640	ug/l	95
14) Allyl chloride	4.485	41	40824	19.882	ug/l #	94
15) Acrylonitrile	5.161	53	37791	106.882	ug/l	96
16) Acetone	3.948	43	31016	103.258	ug/l	95
17) Carbon Disulfide	4.192	76	68931	19.234	ug/l	97
18) Methyl Acetate	4.479	43	28258	20.699	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	84000	20.572	ug/l	99
20) Methylene Chloride	4.716	84	39958	21.401	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	33217	19.865	ug/l	95
22) Diisopropyl ether	6.118	45	102125	20.563	ug/l	90
23) Vinyl Acetate	6.064	43	249429	102.293	ug/l #	94
24) 1,1-Dichloroethane	6.027	63	60292	20.285	ug/l	99
25) 2-Butanone	6.990	43	48373	103.286	ug/l	94
26) 2,2-Dichloropropane	6.984	77	55344	19.697	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	40186	20.422	ug/l	93
28) Bromochloromethane	7.338	49	22570	20.292	ug/l	88
29) Tetrahydrofuran	7.350	42	30741	104.710	ug/l	90
30) Chloroform	7.508	83	66361	20.507	ug/l	98
31) Cyclohexane	7.789	56	50984	19.538	ug/l #	85
32) 1,1,1-Trichloroethane	7.710	97	58571	19.736	ug/l	98
36) 1,1-Dichloropropene	7.923	75	47900	19.220	ug/l	97
37) Ethyl Acetate	7.082	43	22265	20.058	ug/l	96
38) Carbon Tetrachloride	7.905	117	48704	19.726	ug/l	96
39) Methylcyclohexane	9.191	83	58193	19.562	ug/l	93
40) Benzene	8.167	78	140935	19.698	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10193	15.820	ug/l	88
42) 1,2-Dichloroethane	8.240	62	40691	20.379	ug/l	95
43) Isopropyl Acetate	8.277	43	44012	20.045	ug/l #	90
44) Trichloroethene	8.947	130	41859	19.992	ug/l	94
45) 1,2-Dichloropropane	9.222	63	35237	20.472	ug/l	97
46) Dibromomethane	9.313	93	19808	20.287	ug/l	97
47) Bromodichloromethane	9.502	83	50963	20.543	ug/l	100
48) Methyl methacrylate	9.301	41	20449	20.481	ug/l	90
49) 1,4-Dioxane	9.301	88	5331	387.897	ug/l #	49
51) 4-Methyl-2-Pentanone	10.075	43	113576	103.668	ug/l	92
52) Toluene	10.252	92	91473	19.730	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	49033	19.799	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	58023	19.967	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	27362	19.922	ug/l	96
56) Ethyl methacrylate	10.514	69	36120	20.250	ug/l #	87
57) 1,3-Dichloropropane	10.794	76	46689	19.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	89554	103.541	ug/l	91
59) 2-Hexanone	10.837	43	76426	101.799	ug/l	91
60) Dibromochloromethane	10.990	129	34355	19.939	ug/l	97
61) 1,2-Dibromoethane	11.093	107	26480	20.270	ug/l	99
64) Tetrachloroethene	10.727	164	44735	19.965	ug/l	96
65) Chlorobenzene	11.520	112	99668	19.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	36919	19.916	ug/l	98
67) Ethyl Benzene	11.599	91	177396	19.817	ug/l	100
68) m/p-Xylenes	11.709	106	138621	40.074	ug/l	94
69) o-Xylene	12.038	106	65314	19.776	ug/l	98
70) Styrene	12.050	104	109889	20.014	ug/l	97
71) Bromoform	12.215	173	20754	20.181	ug/l #	98
73) Isopropylbenzene	12.337	105	176546	19.779	ug/l	100
74) N-amyl acetate	12.148	43	38858	20.033	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	28650	20.171	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	40463	36.110	ug/l #	100
77) Bromobenzene	12.617	156	40661	20.118	ug/l	94
78) n-propylbenzene	12.678	91	210366	19.935	ug/l	99
79) 2-Chlorotoluene	12.764	91	116784	19.842	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	143938	19.904	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	10064	19.473	ug/l	95
82) 4-Chlorotoluene	12.861	91	121381	20.083	ug/l	99
83) tert-Butylbenzene	13.081	119	129097	19.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	143668	20.078	ug/l	99
85) sec-Butylbenzene	13.257	105	191855	20.202	ug/l	99
86) p-Isopropyltoluene	13.373	119	159734	20.294	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	80765	20.205	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	79325	20.079	ug/l	98
89) n-Butylbenzene	13.702	91	147066	20.335	ug/l	97
90) Hexachloroethane	13.965	117	27218	20.067	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	71200	20.616	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5009	19.706	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	44279	20.772	ug/l	99
94) Hexachlorobutadiene	15.117	225	24081	20.673	ug/l	98
95) Naphthalene	15.239	128	82488	19.919	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	37329	20.500	ug/l	99

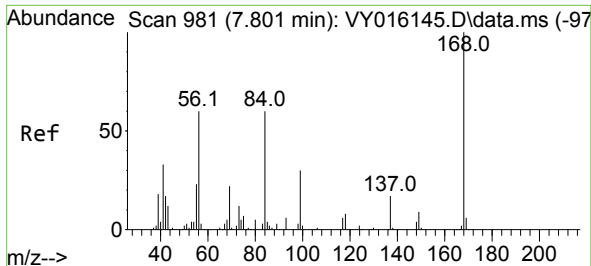
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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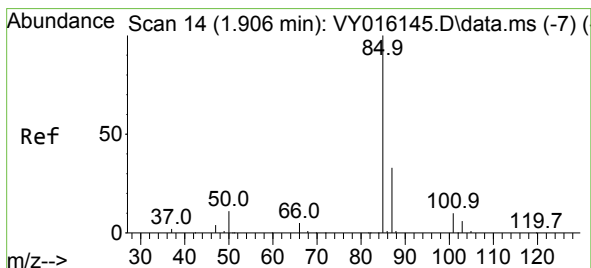
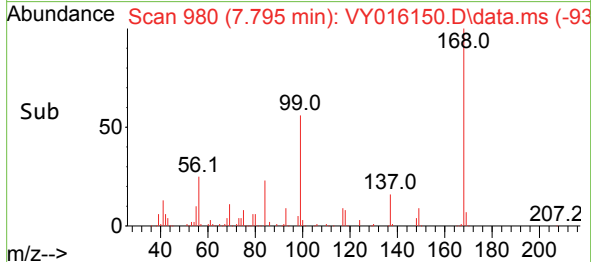
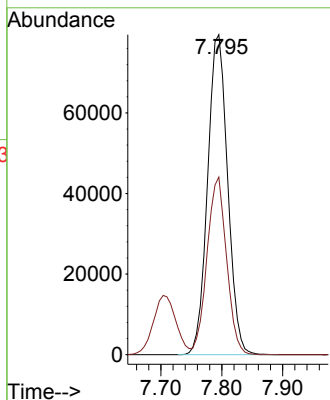
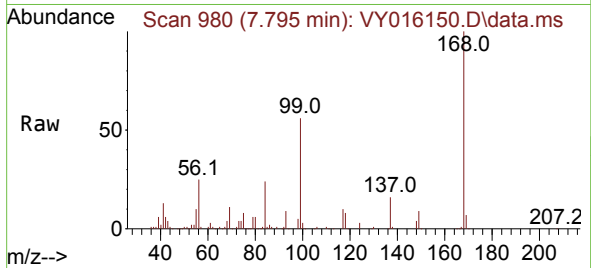
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY016150.D
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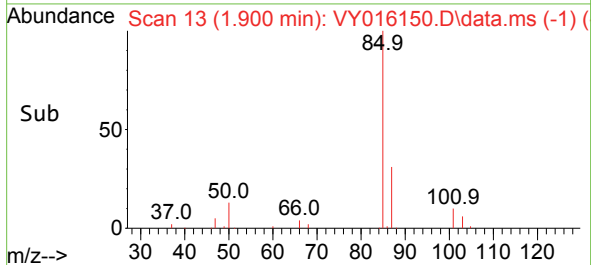
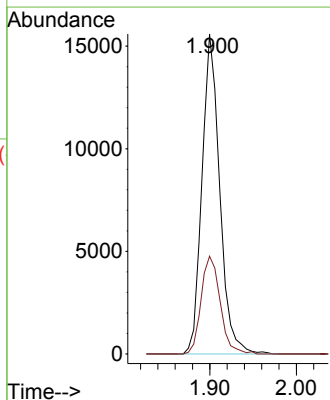
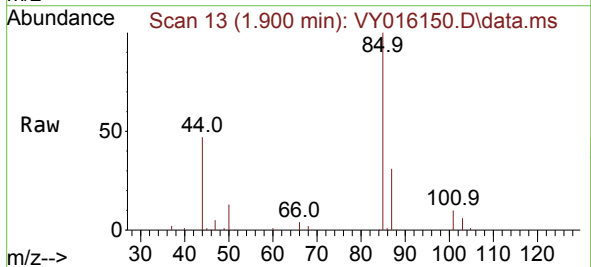
Instrument :
MSVOA_Y
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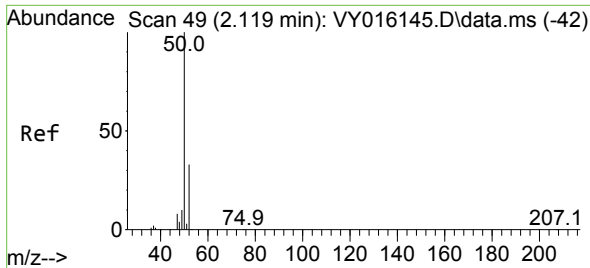
Tgt Ion:168 Resp: 181415
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.148 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 85 Resp: 22159
Ion Ratio Lower Upper
85 100
87 30.6 15.6 46.8

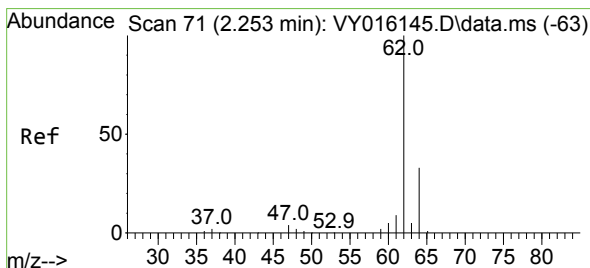
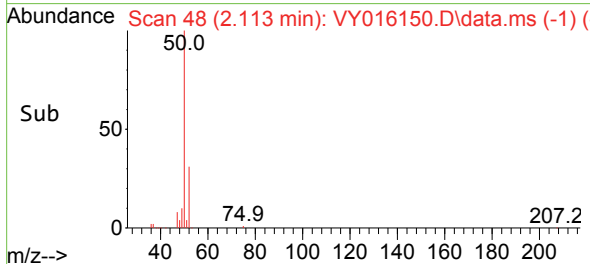
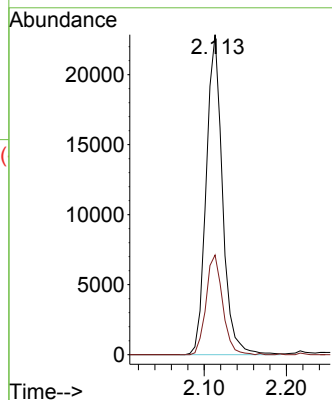
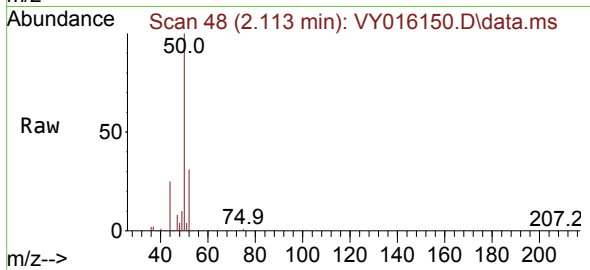




#3
Chloromethane
Concen: 19.578 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

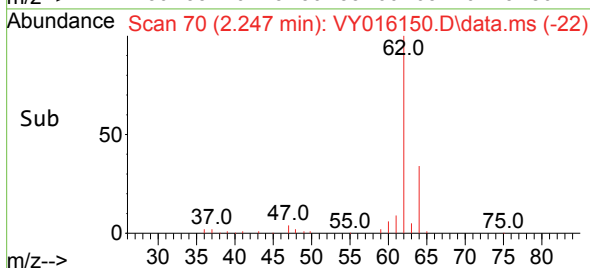
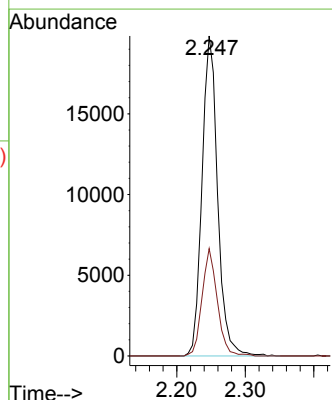
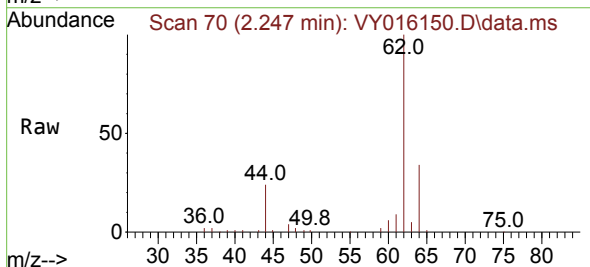
Instrument :
MSVOA_Y
ClientSampleId :

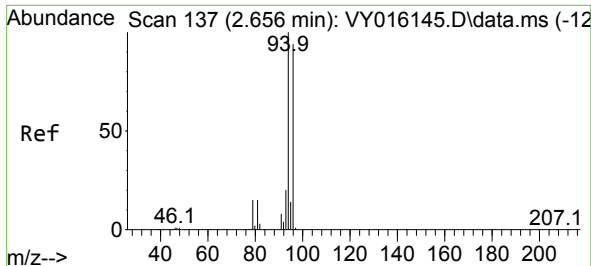
Tgt Ion: 50 Resp: 31368
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2



#4
Vinyl Chloride
Concen: 19.034 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

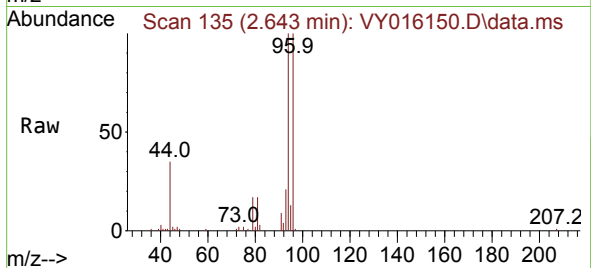
Tgt Ion: 62 Resp: 31476
Ion Ratio Lower Upper
62 100
64 33.6 24.3 36.5



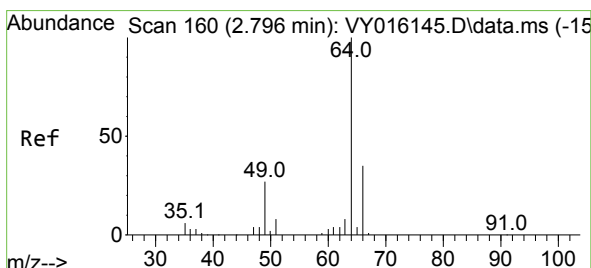
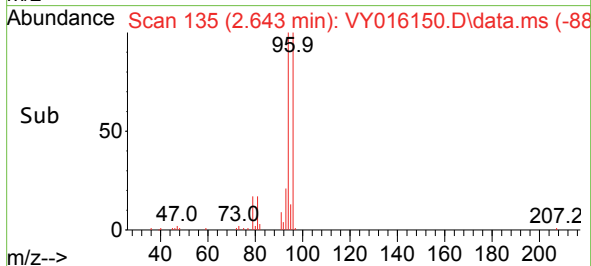
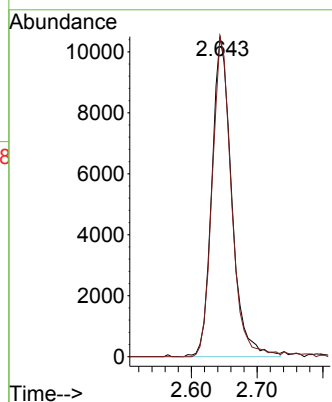


#5
Bromomethane
Concen: 19.740 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016150.D
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Instrument :
MSVOA_Y
ClientSampleId :

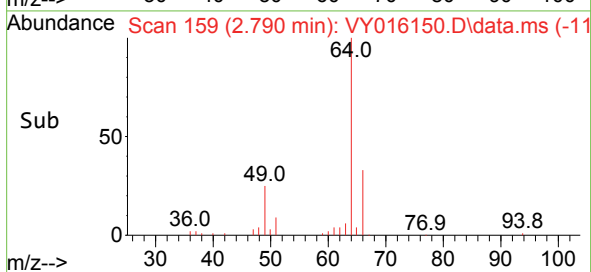
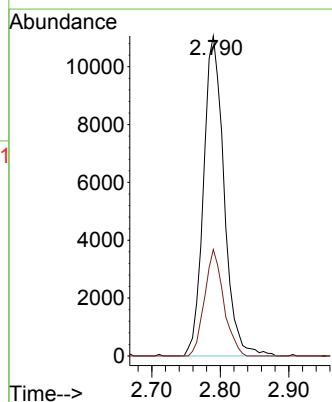
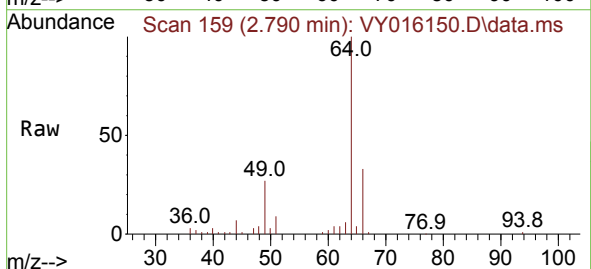


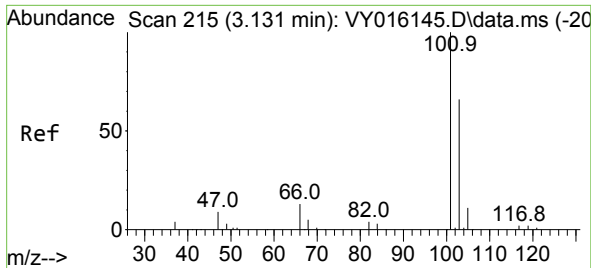
Tgt Ion: 94 Resp: 22030
Ion Ratio Lower Upper
94 100
96 100.1 75.8 113.6



#6
Chloroethane
Concen: 19.804 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 64 Resp: 23056
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6

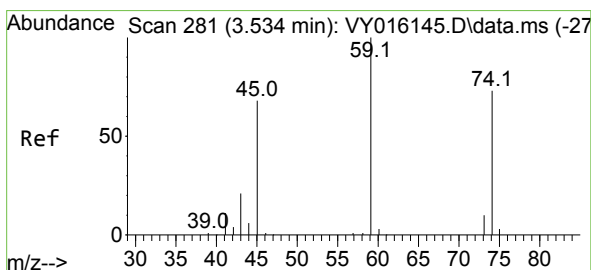
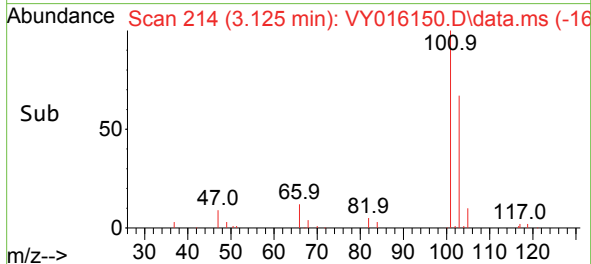
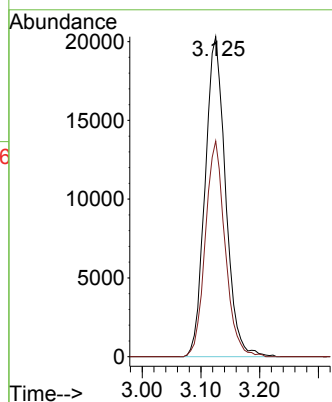
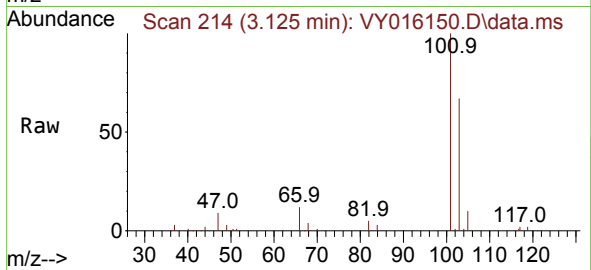




#7
Trichlorofluoromethane
Concen: 19.605 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
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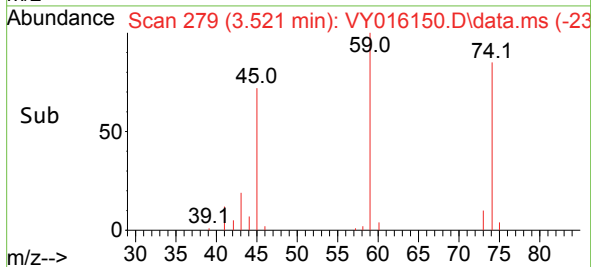
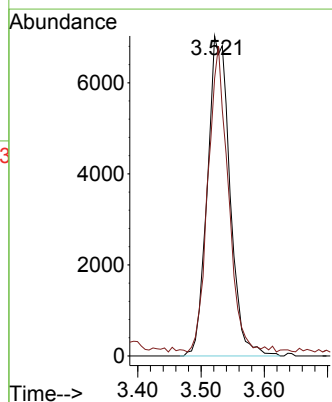
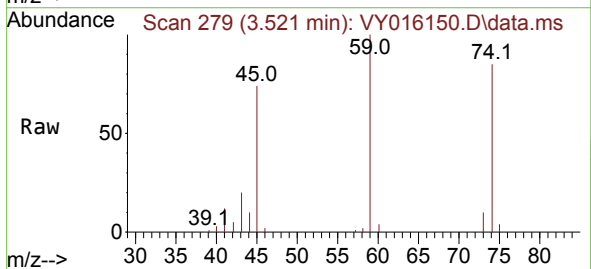
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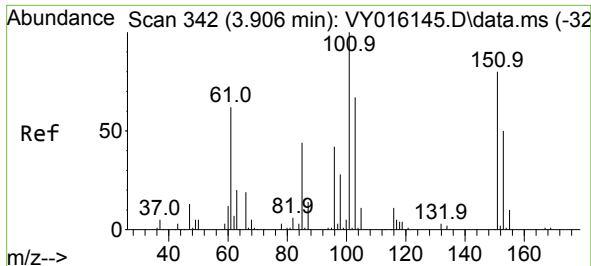
Tgt Ion:101 Resp: 48945
Ion Ratio Lower Upper
101 100
103 67.4 51.4 77.0



#8
Diethyl Ether
Concen: 20.996 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 74 Resp: 17373
Ion Ratio Lower Upper
74 100
45 85.6 51.5 154.5

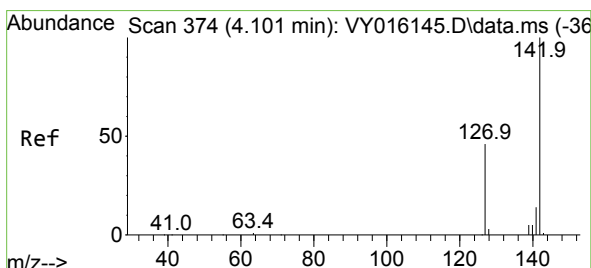
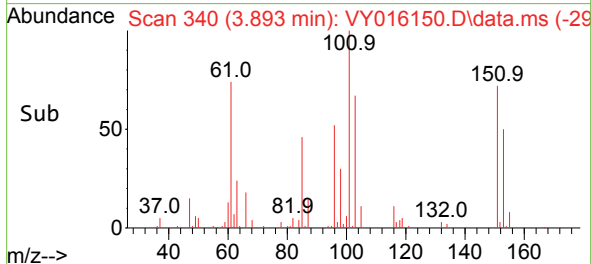
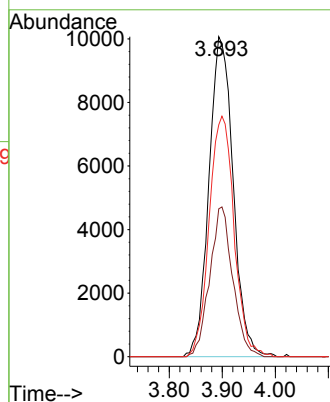
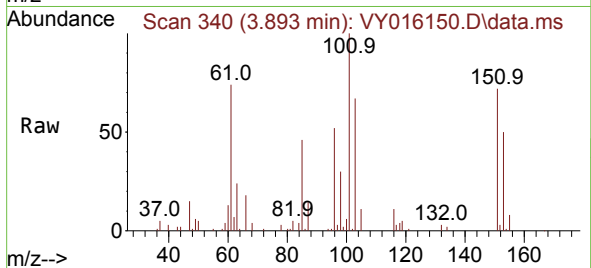




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.271 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016150.D
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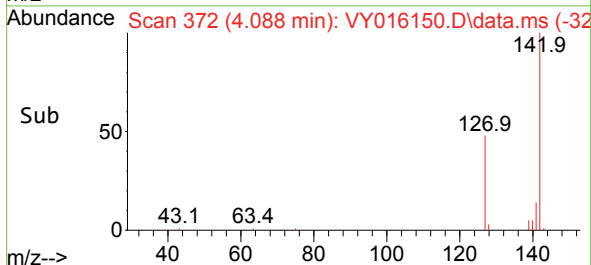
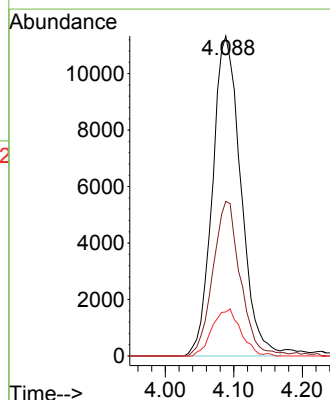
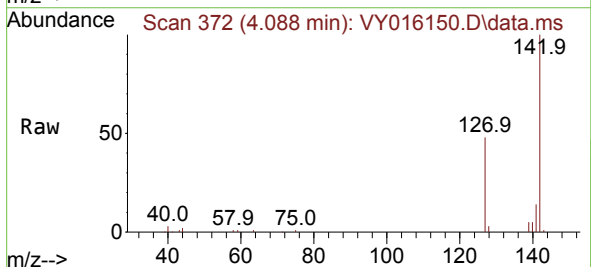
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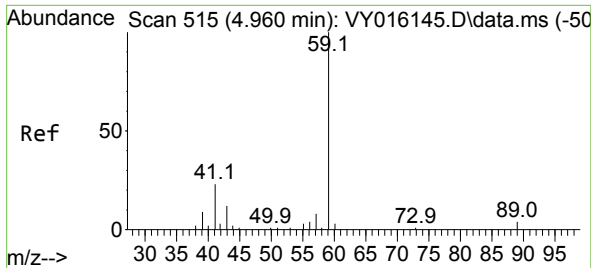
Tgt Ion:101 Resp: 31881
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 77.6 67.0 100.6



#10
Methyl Iodide
Concen: 18.547 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion:142 Resp: 32437
Ion Ratio Lower Upper
142 100
127 47.1 37.6 56.4
141 14.9 11.8 17.8

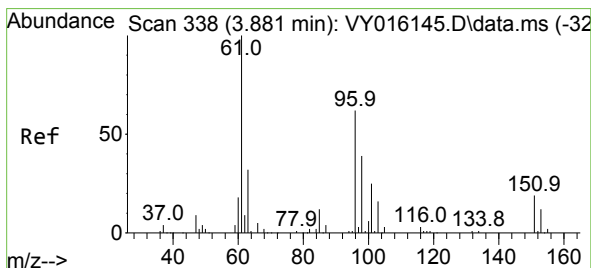
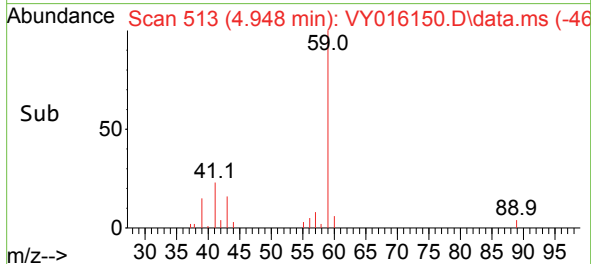
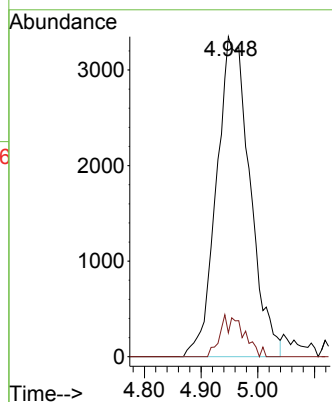
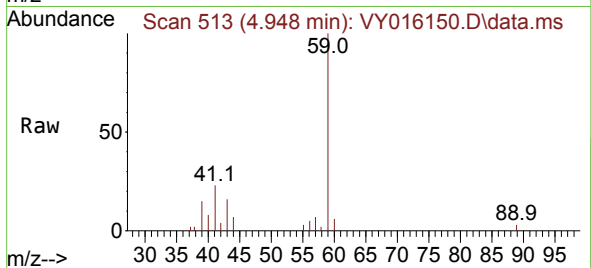




#11
Tert butyl alcohol
Concen: 107.772 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

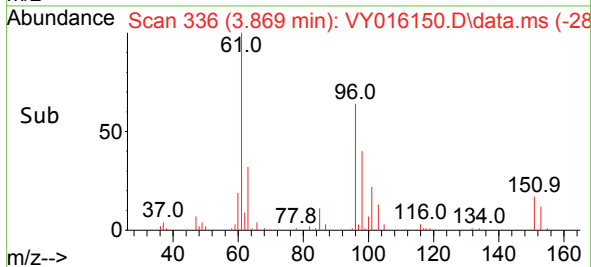
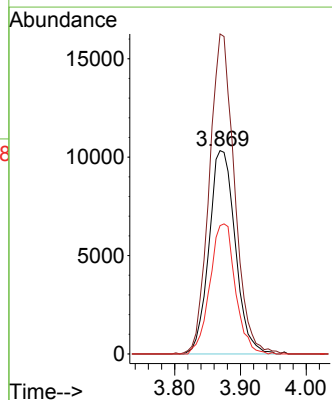
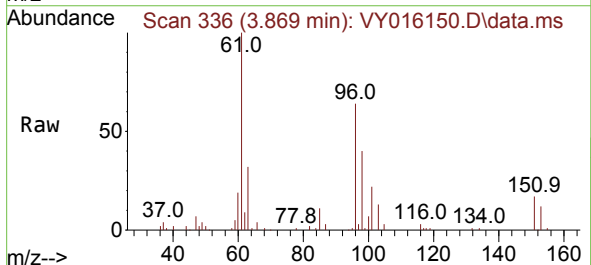
Instrument :
MSVOA_Y
ClientSampleId :

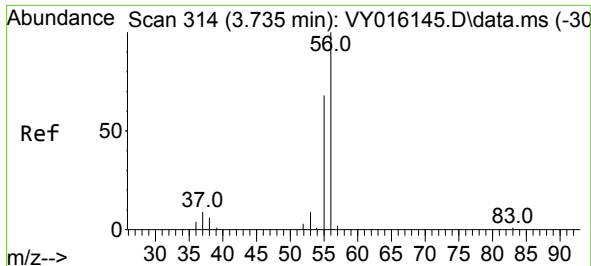
Tgt Ion: 59 Resp: 13669
Ion Ratio Lower Upper
59 100
57 3.5 3.0 4.4



#12
1,1-Dichloroethene
Concen: 19.954 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 96 Resp: 28644
Ion Ratio Lower Upper
96 100
61 157.3 136.4 204.6
98 63.1 49.4 74.2

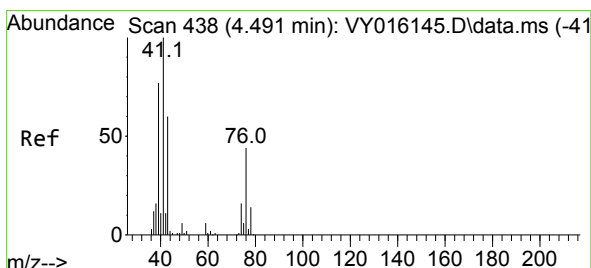
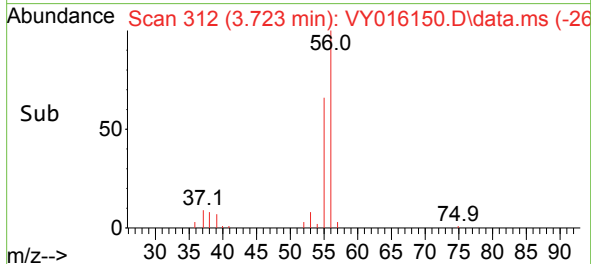
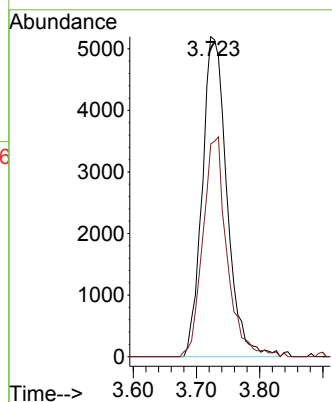
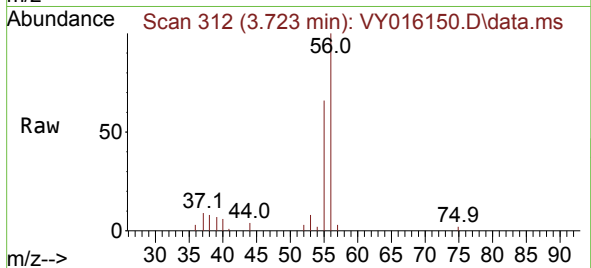




#13
Acrolein
Concen: 116.640 ug/l
RT: 3.723 min Scan# 314
Delta R.T. -0.012 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

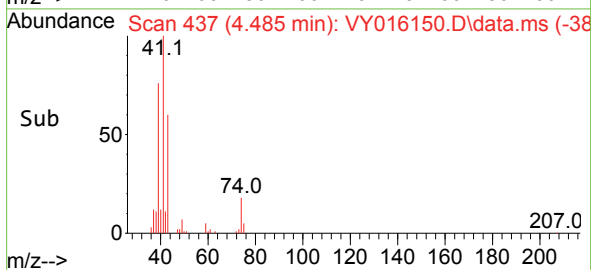
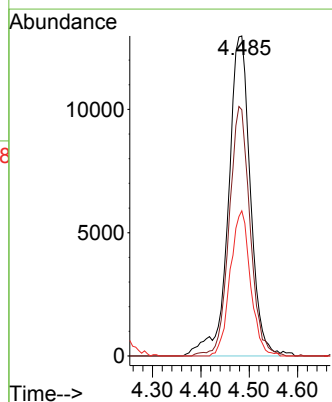
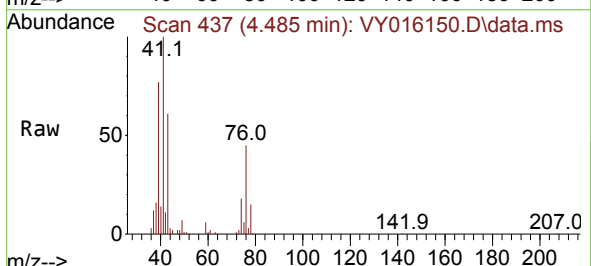
Instrument :
MSVOA_Y
ClientSampleId :

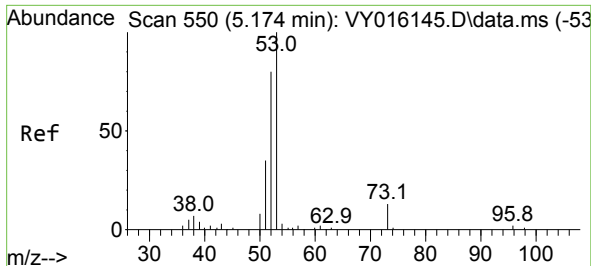
Tgt Ion: 56 Resp: 14115
Ion Ratio Lower Upper
56 100
55 67.2 57.0 85.4



#14
Allyl chloride
Concen: 19.882 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

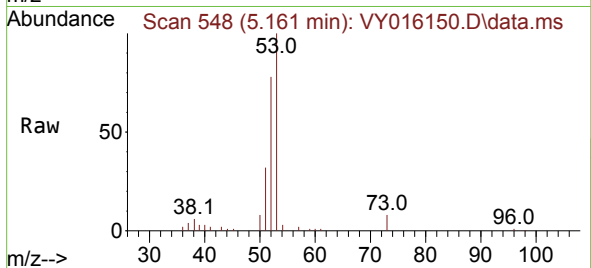
Tgt Ion: 41 Resp: 40824
Ion Ratio Lower Upper
41 100
39 74.3 58.0 87.0
76 41.9 27.4 41.2#



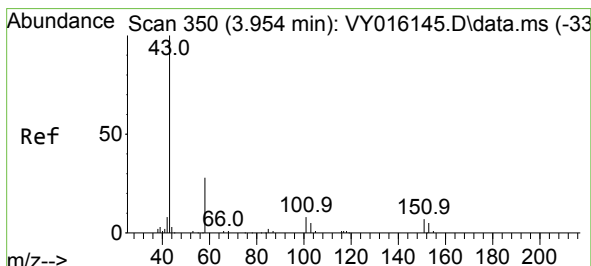
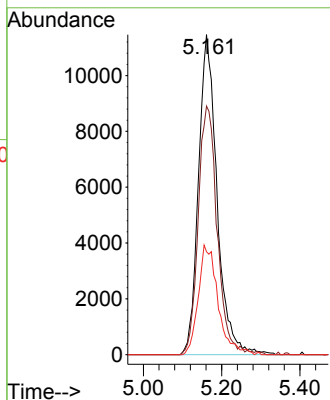
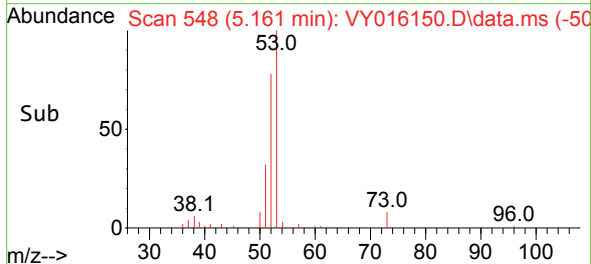


#15
Acrylonitrile
Concen: 106.882 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :

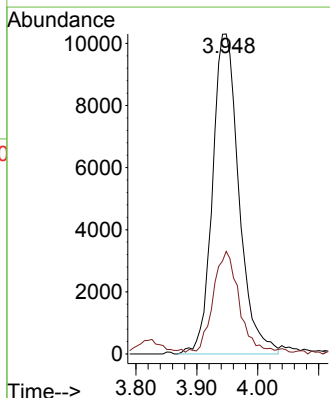
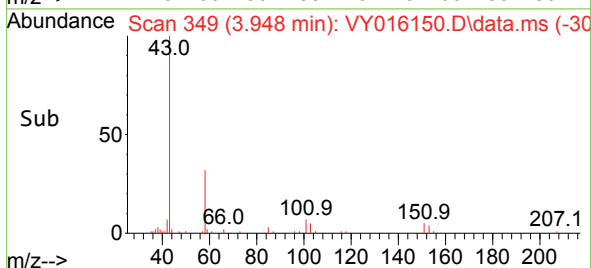
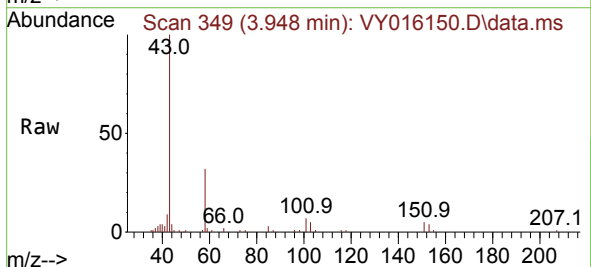


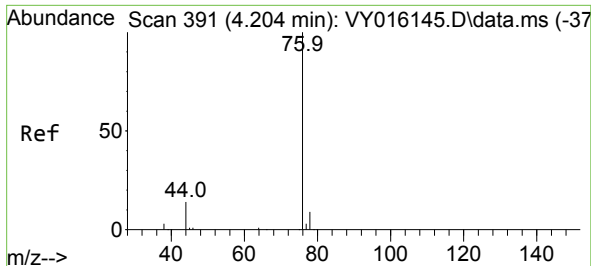
Tgt Ion: 53 Resp: 37791
Ion Ratio Lower Upper
53 100
52 79.3 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 103.258 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 43 Resp: 31016
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1





#17

Carbon Disulfide

Concen: 19.234 ug/l

RT: 4.192 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

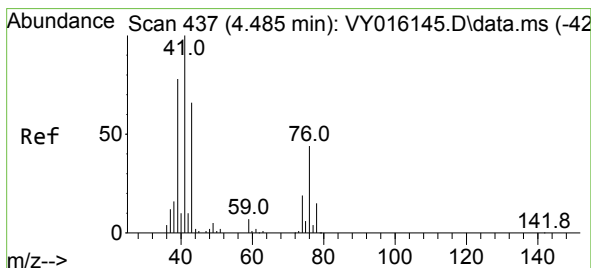
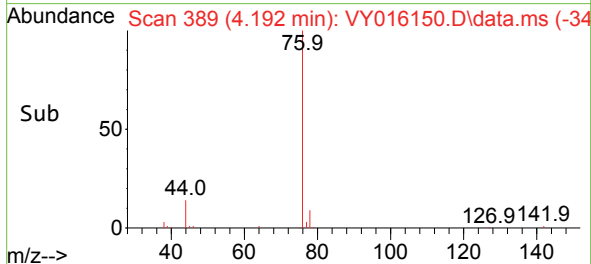
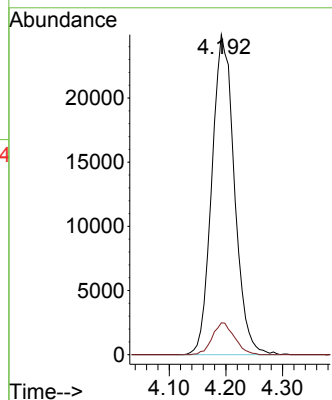
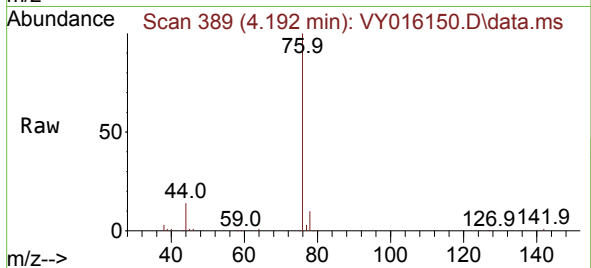
ClientSampleId :

Tgt Ion: 76 Resp: 68931

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.4



#18

Methyl Acetate

Concen: 20.699 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY016150.D

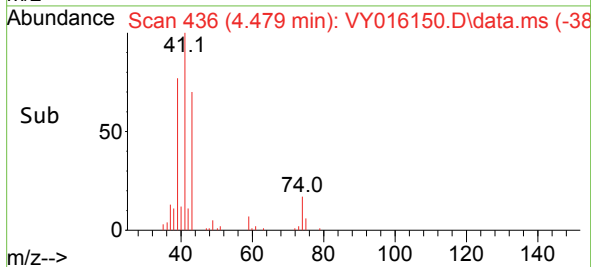
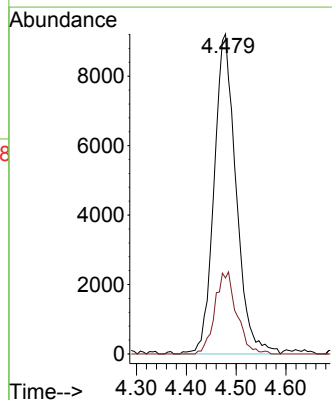
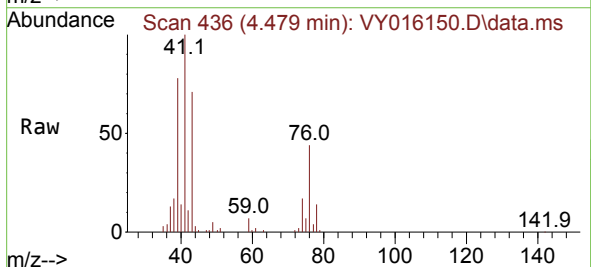
Acq: 31 Oct 2023 16:51

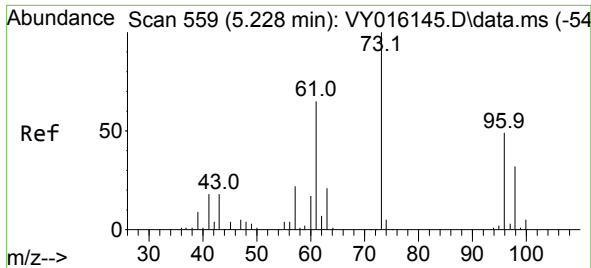
Tgt Ion: 43 Resp: 28258

Ion Ratio Lower Upper

43 100

74 25.4 17.4 26.0

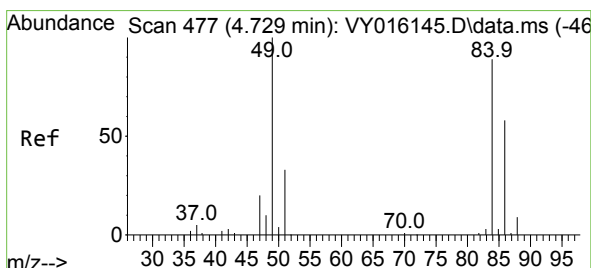
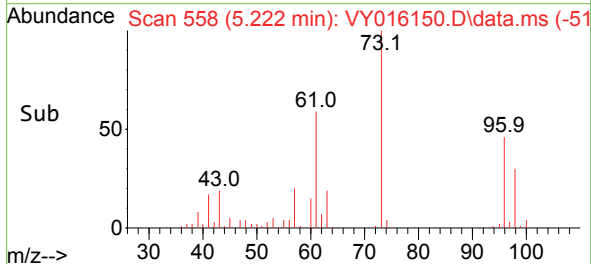
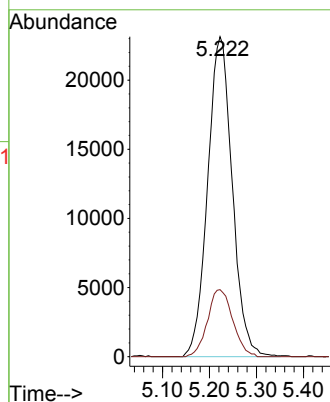
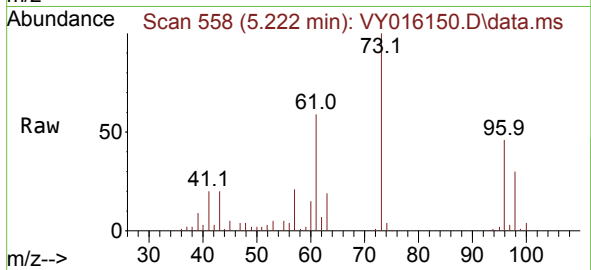




#19
Methyl tert-butyl Ether
Concen: 20.572 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

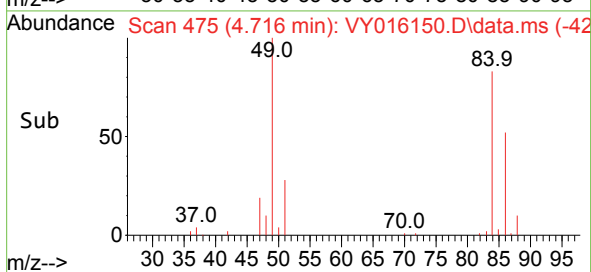
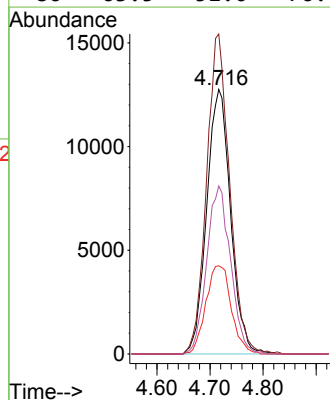
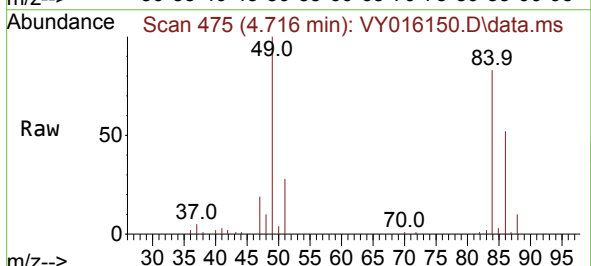
Instrument :
MSVOA_Y
ClientSampleId :

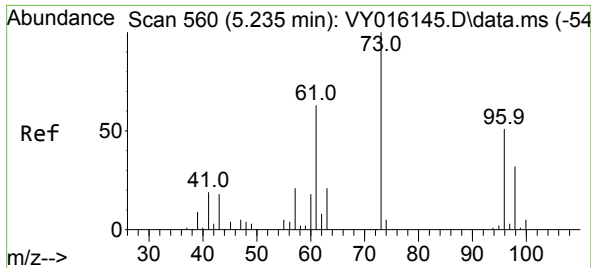
Tgt Ion: 73 Resp: 84000
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 21.401 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

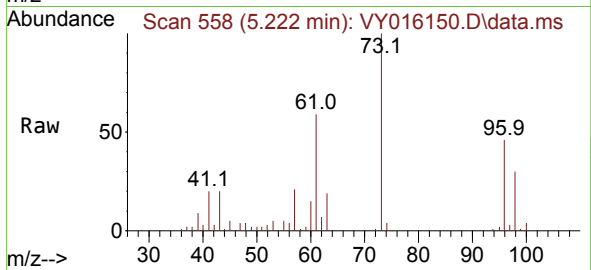
Tgt Ion: 84 Resp: 39958
Ion Ratio Lower Upper
84 100
49 121.0 106.9 160.3
51 33.3 33.2 49.8
86 63.5 51.0 76.6



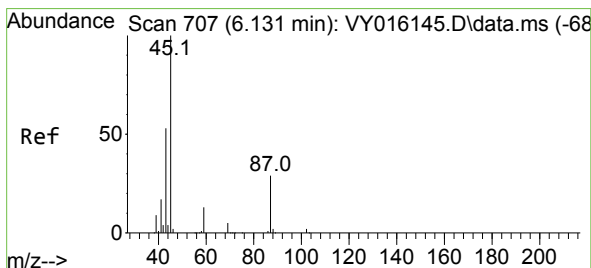
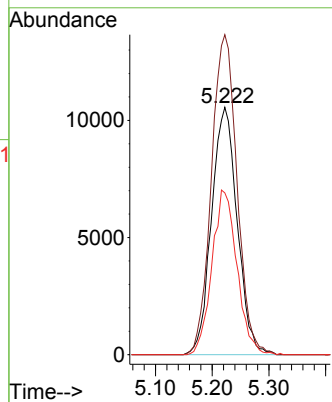
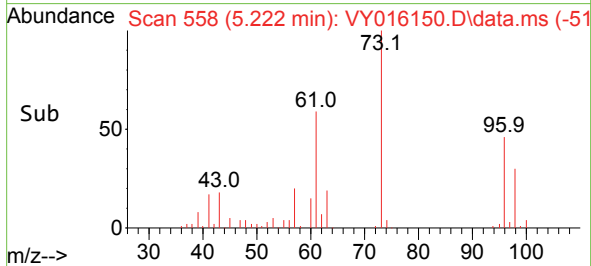


#21
trans-1,2-Dichloroethene
Concen: 19.865 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :

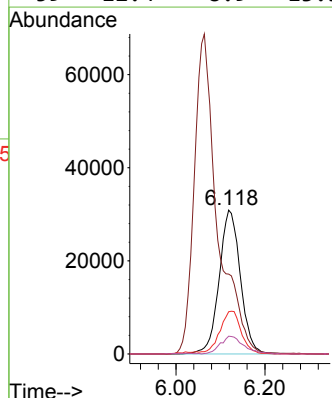
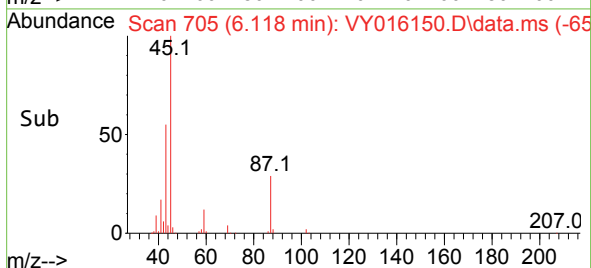
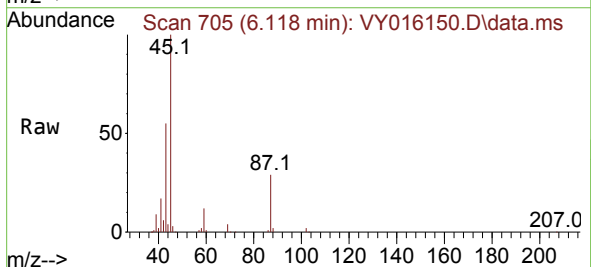


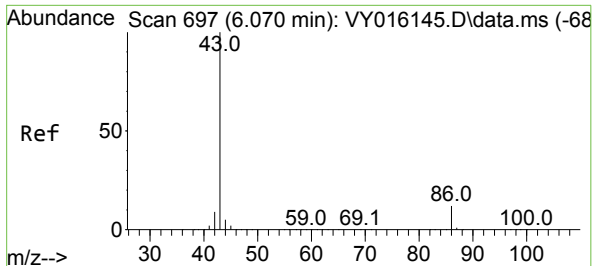
Tgt Ion: 96 Resp: 33217
Ion Ratio Lower Upper
96 100
61 129.4 110.2 165.4
98 65.4 51.8 77.6



#22
Diisopropyl ether
Concen: 20.563 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 45 Resp: 102125
Ion Ratio Lower Upper
45 100
43 55.1 52.2 78.4
87 29.4 21.0 31.6
59 12.4 8.9 13.3

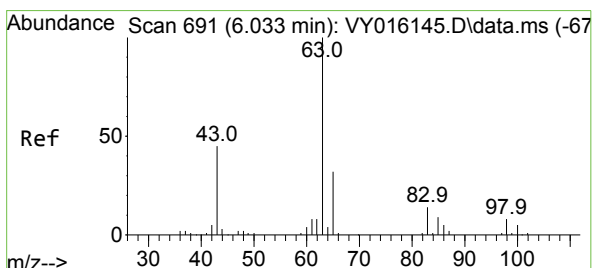
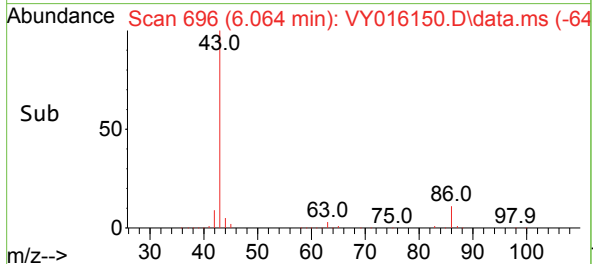
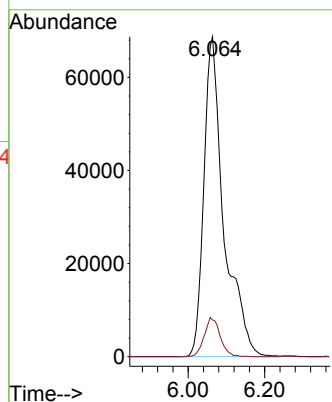
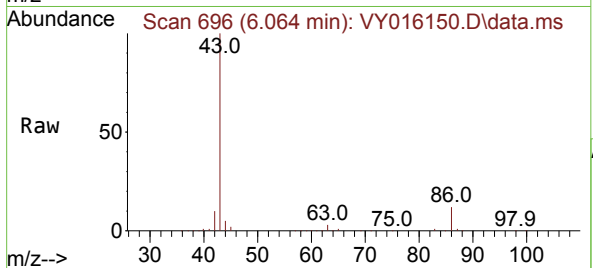




#23
 Vinyl Acetate
 Concen: 102.293 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51

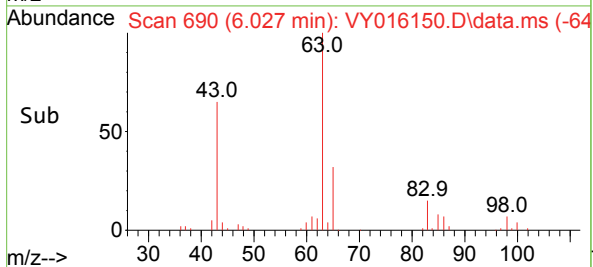
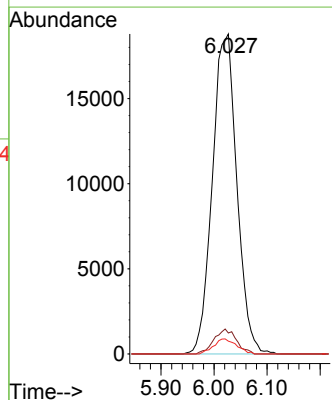
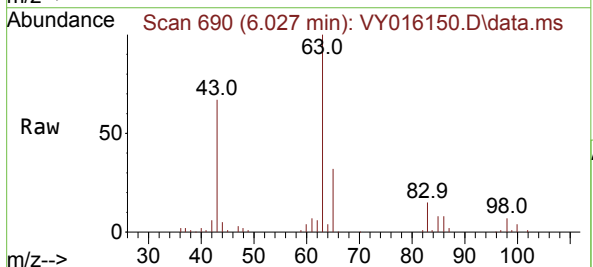
Instrument :
 MSVOA_Y
 ClientSampleId :

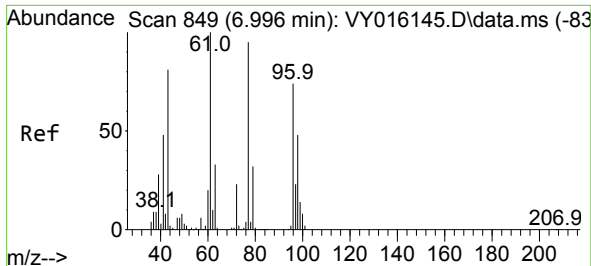
Tgt Ion: 43 Resp: 249429
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.285 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51

Tgt Ion: 63 Resp: 60292
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.0 1.8 5.5





#25

2-Butanone

Concen: 103.286 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

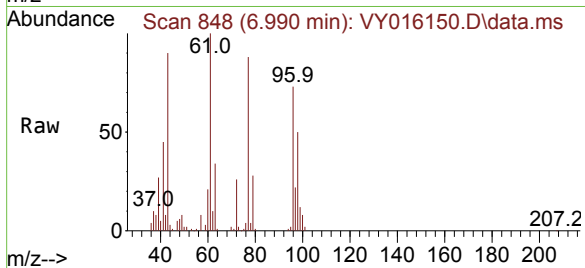
Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

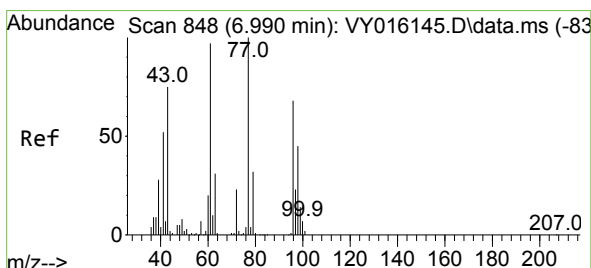
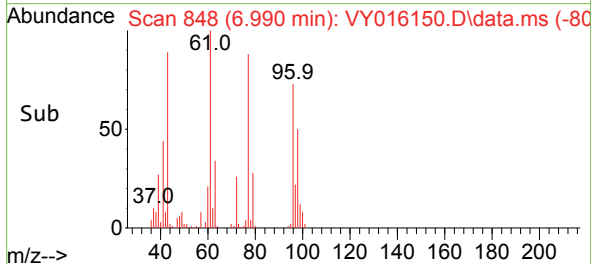
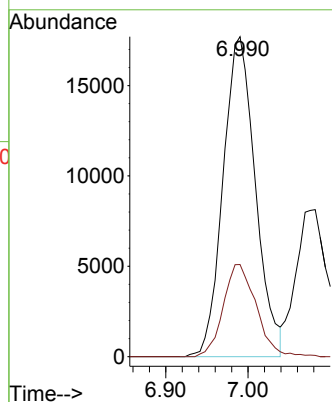


Tgt Ion: 43 Resp: 48373

Ion Ratio Lower Upper

43 100

72 28.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.697 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY016150.D

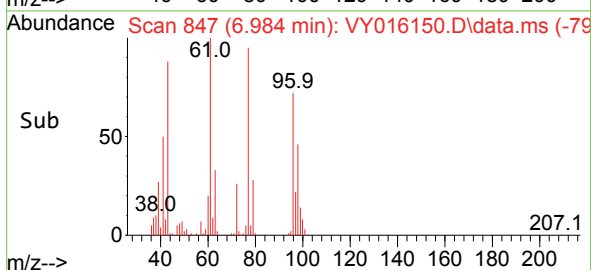
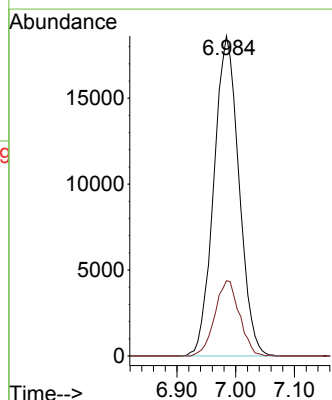
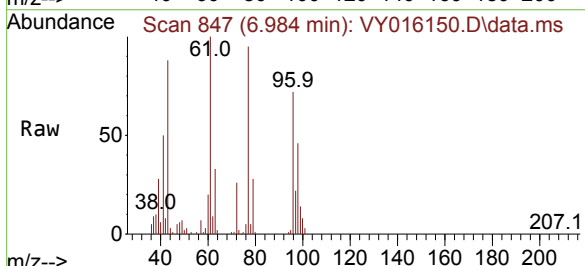
Acq: 31 Oct 2023 16:51

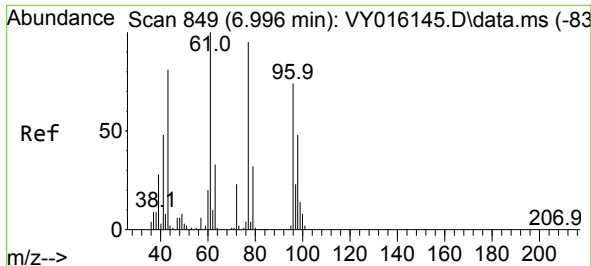
Tgt Ion: 77 Resp: 55344

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.422 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

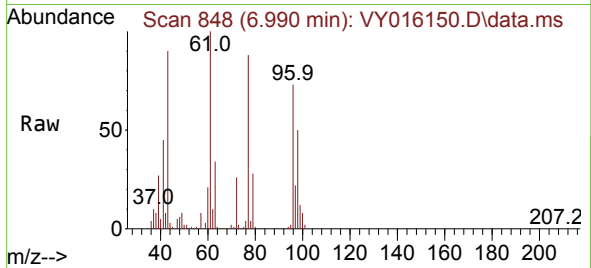
Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :



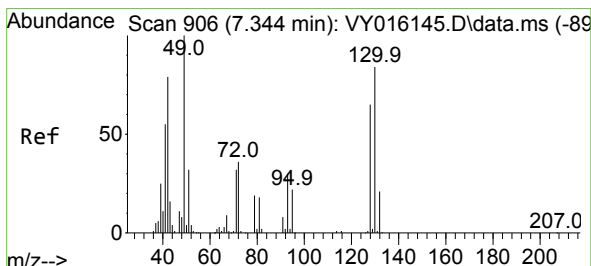
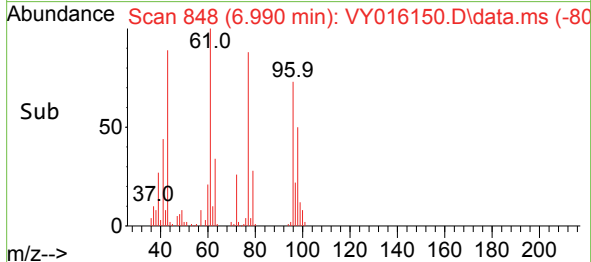
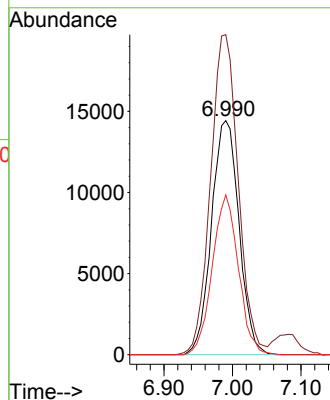
Tgt Ion: 96 Resp: 40186

Ion Ratio Lower Upper

96 100

61 137.8 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 20.292 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

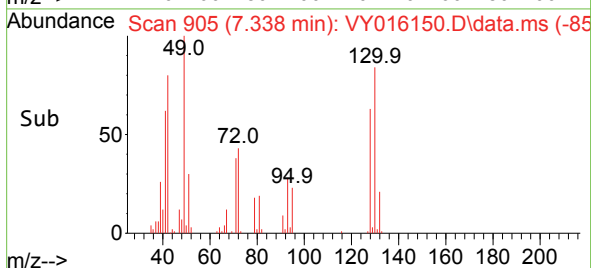
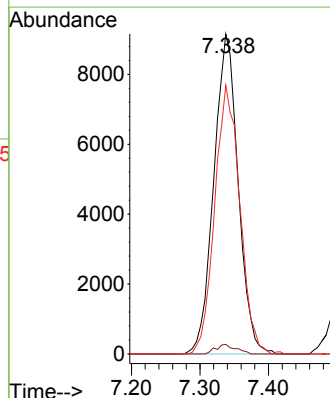
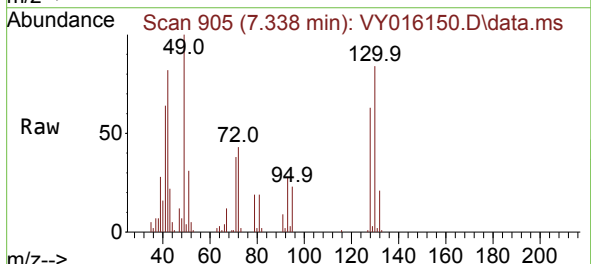
Tgt Ion: 49 Resp: 22570

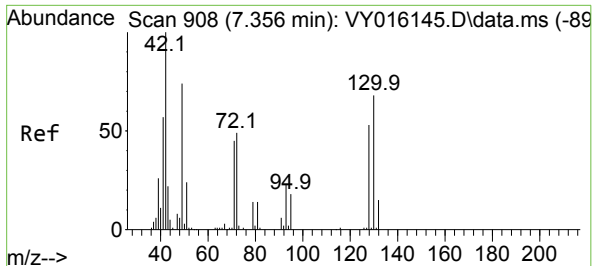
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 86.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 104.710 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016150.D

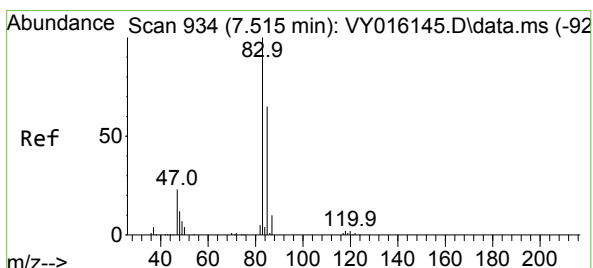
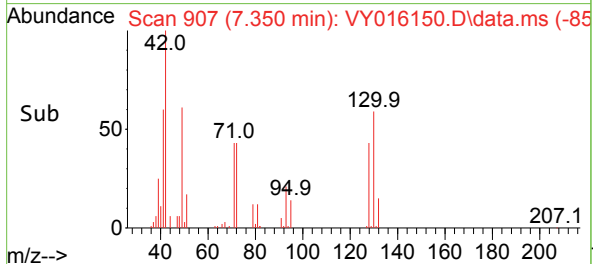
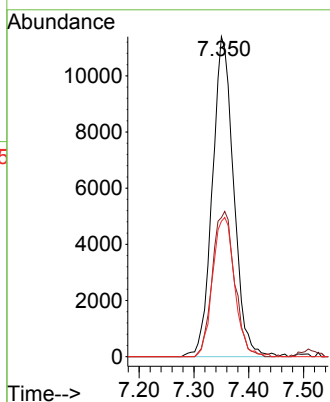
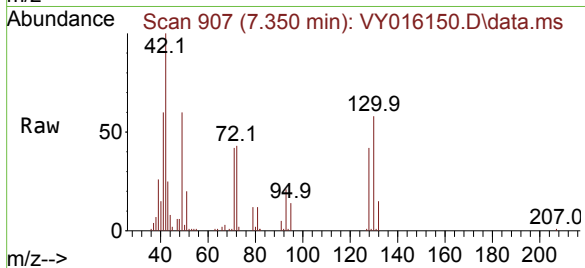
Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	30741
Ion	Ratio	Lower	Upper
42	100		
72	47.5	32.8	49.2
71	45.0	31.0	46.4



#30

Chloroform

Concen: 20.507 ug/l

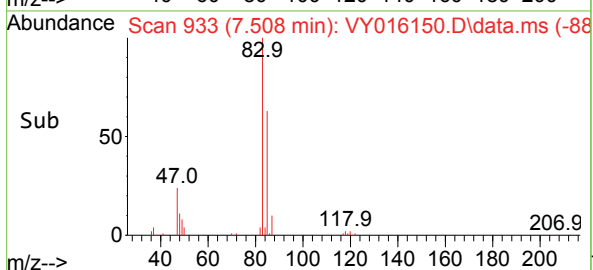
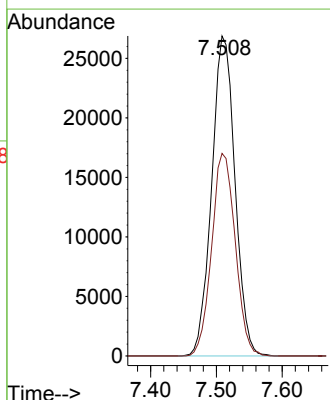
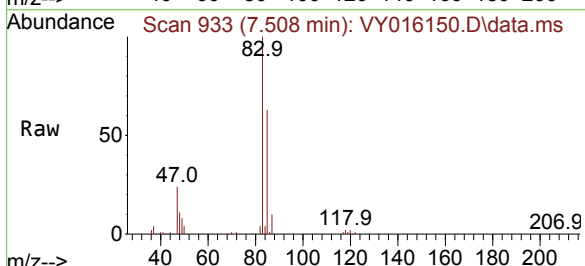
RT: 7.508 min Scan# 933

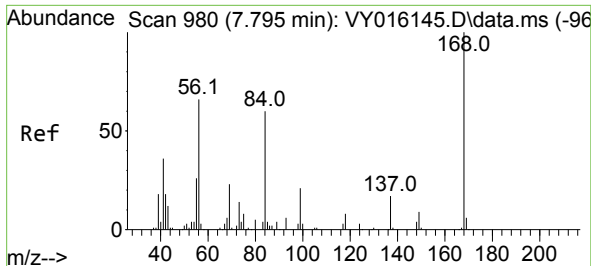
Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

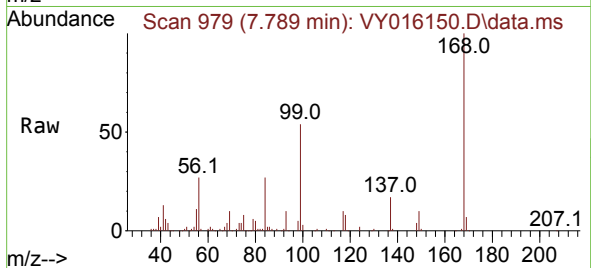
Tgt Ion:	83	Resp:	66361
Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.7	74.5



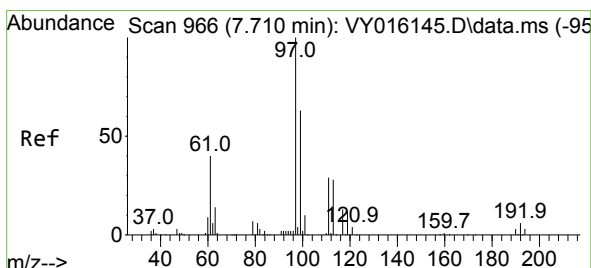
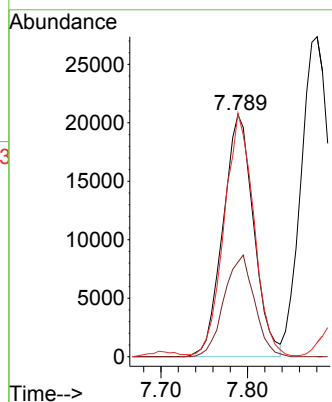
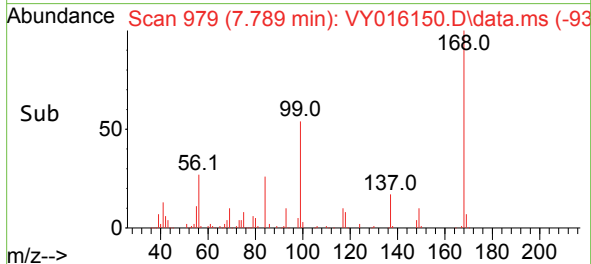


#31
Cyclohexane
Concen: 19.538 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :

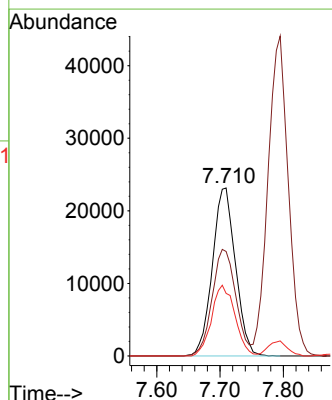
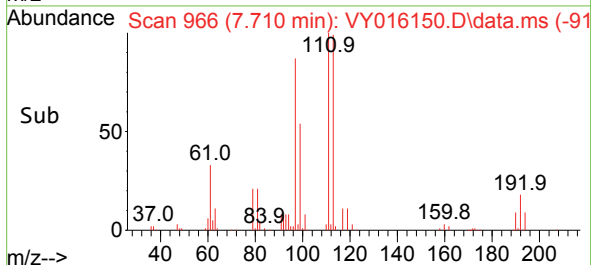
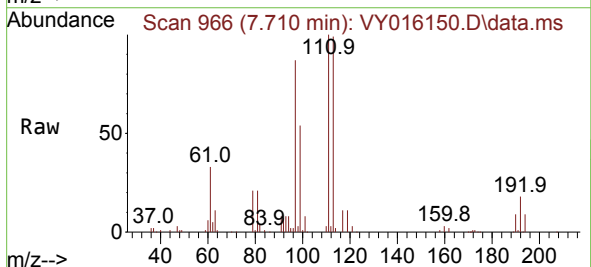


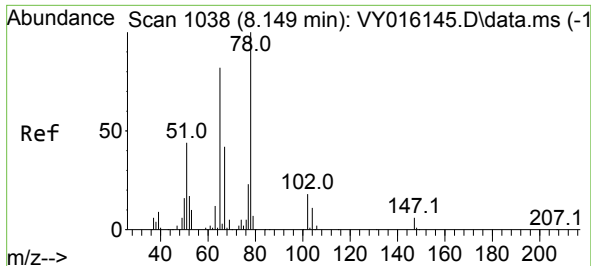
Tgt Ion: 56 Resp: 50984
Ion Ratio Lower Upper
56 100
69 39.1 27.8 41.6
84 99.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 19.736 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 97 Resp: 58571
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 42.7 35.1 52.7

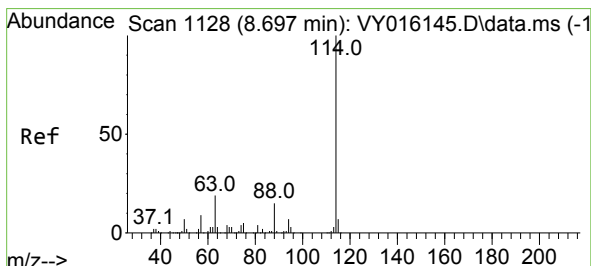
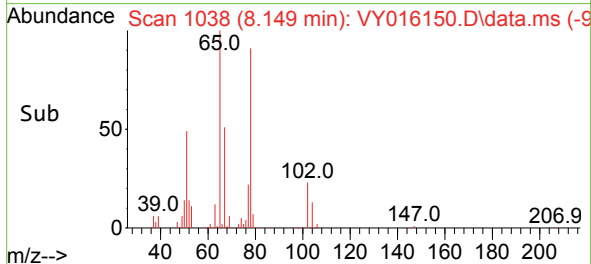
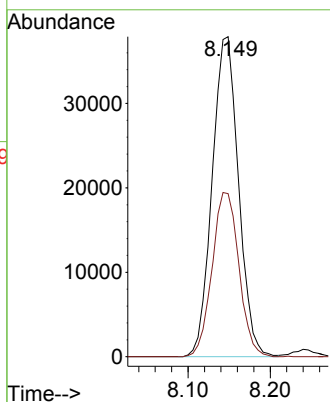
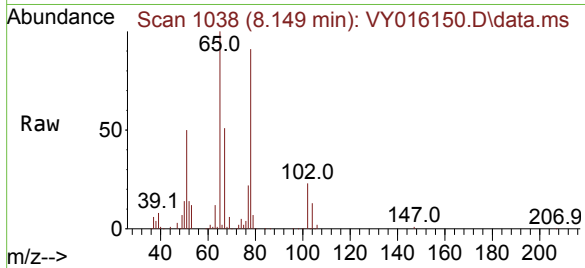




#33
 1,2-Dichloroethane-d4
 Concen: 49.722 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51

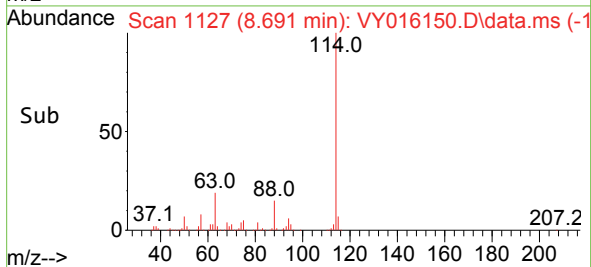
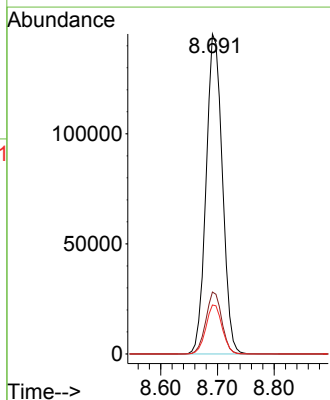
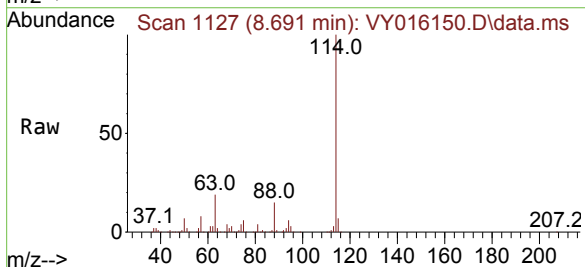
Instrument :
 MSVOA_Y
 ClientSampleId :

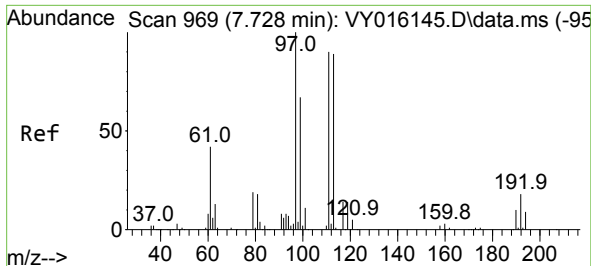
Tgt Ion: 65 Resp: 84406
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51

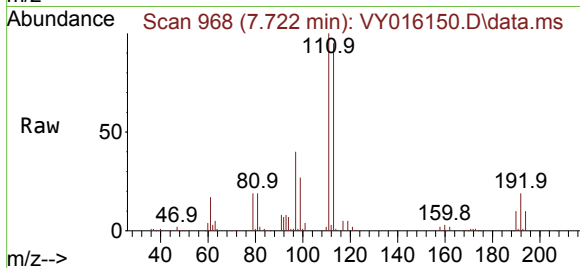
Tgt Ion:114 Resp: 289500
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.3 0.0 30.6



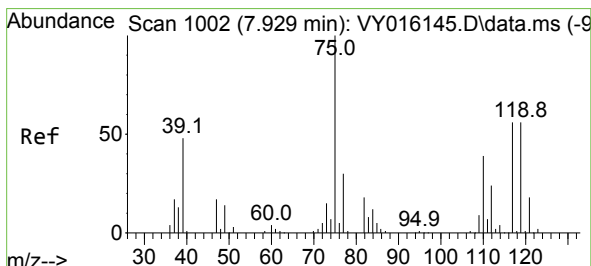
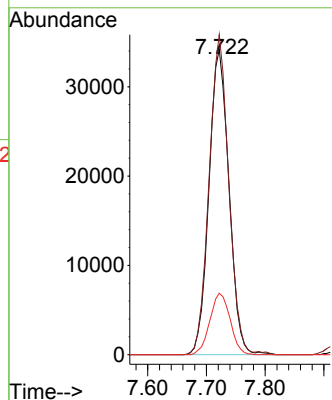
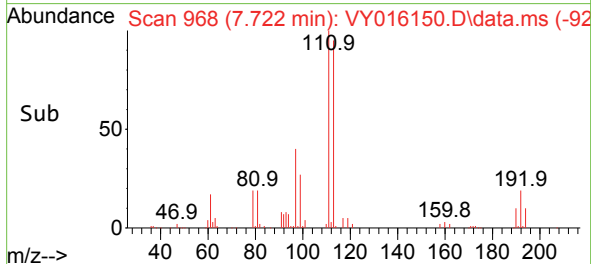


#35
Dibromofluoromethane
Concen: 46.859 ug/l
RT: 7.722 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

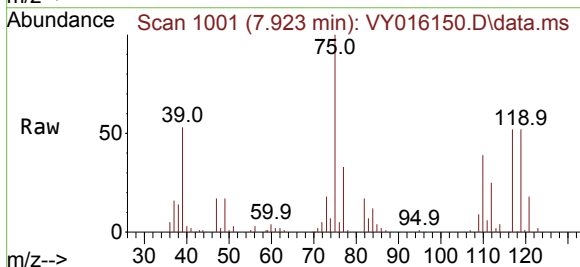
Instrument :
MSVOA_Y
ClientSampleId :



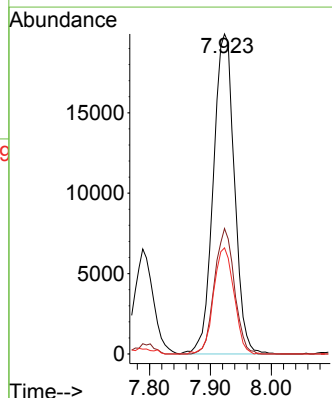
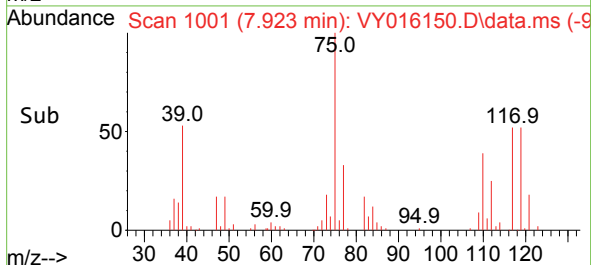
Tgt Ion:113 Resp: 80874
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 20.4 16.9 25.3

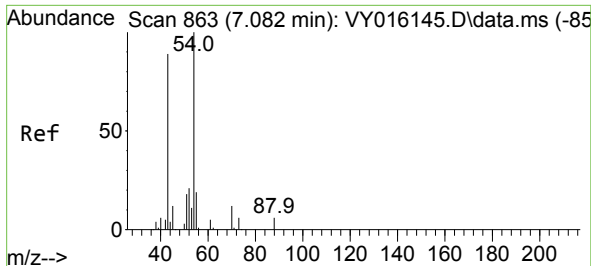


#36
1,1-Dichloropropene
Concen: 19.220 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51



Tgt Ion: 75 Resp: 47900
Ion Ratio Lower Upper
75 100
110 37.0 17.8 53.5
77 32.1 24.4 36.6

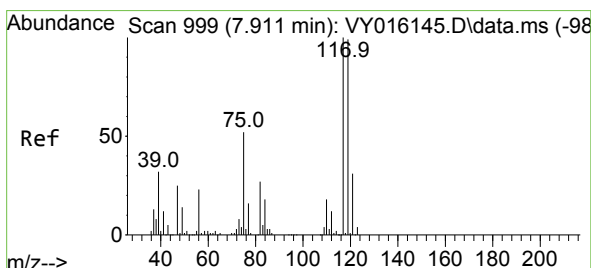
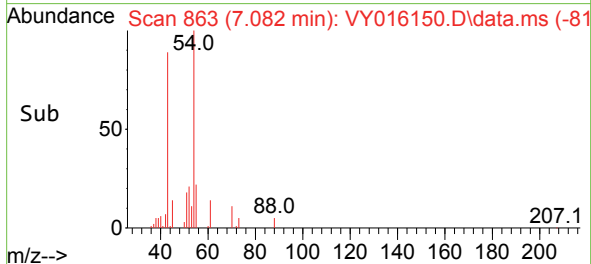
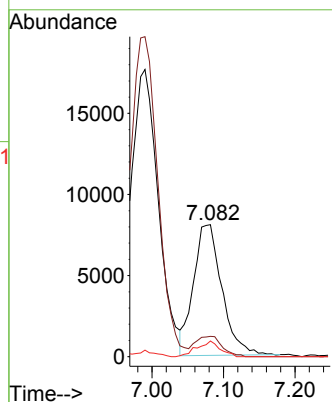
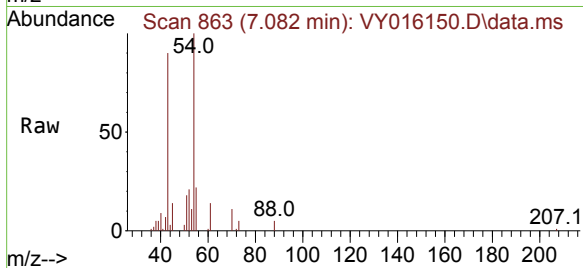




#37
Ethyl Acetate
Concen: 20.058 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

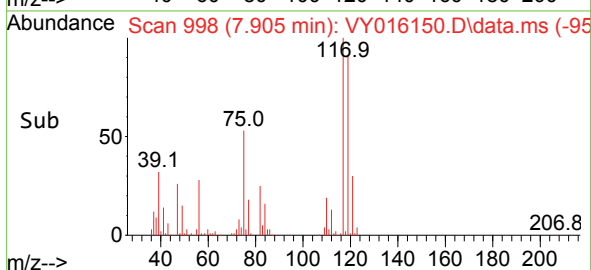
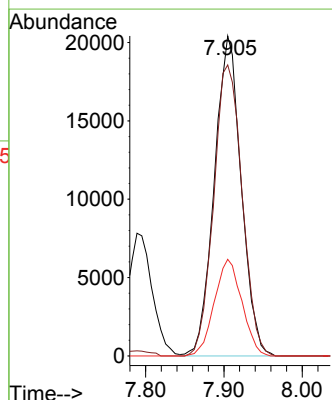
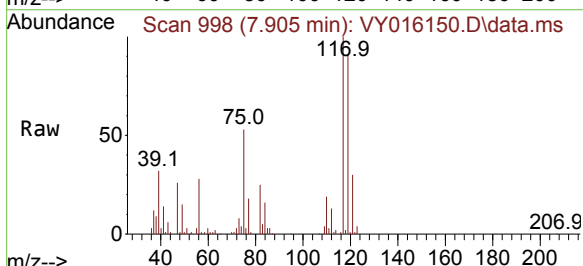
Instrument :
MSVOA_Y
ClientSampleId :

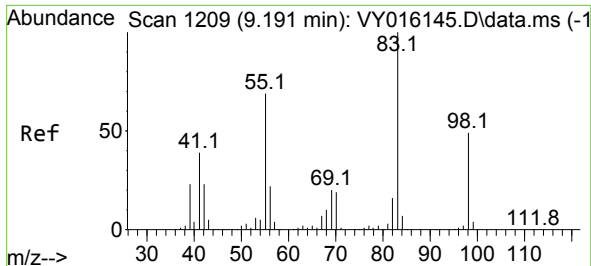
Tgt Ion: 43 Resp: 22265
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 9.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.726 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 117 Resp: 48704
Ion Ratio Lower Upper
117 100
119 90.9 76.4 114.6
121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 19.562 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

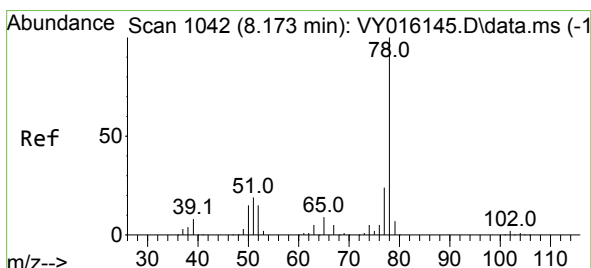
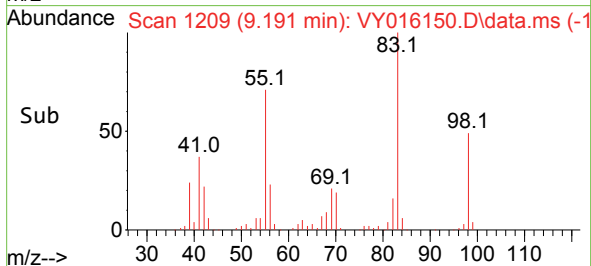
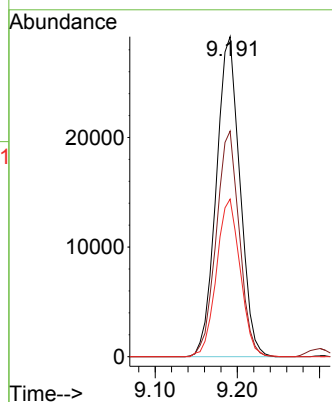
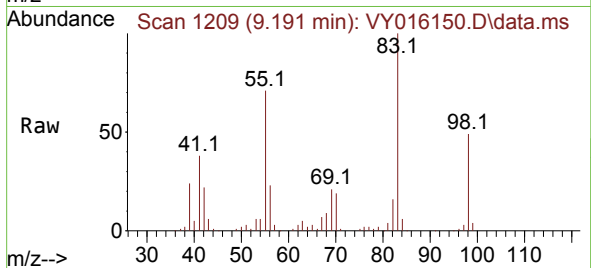
Tgt Ion: 83 Resp: 58193

Ion Ratio Lower Upper

83 100

55 70.5 63.0 94.4

98 49.2 37.4 56.2



#40

Benzene

Concen: 19.698 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016150.D

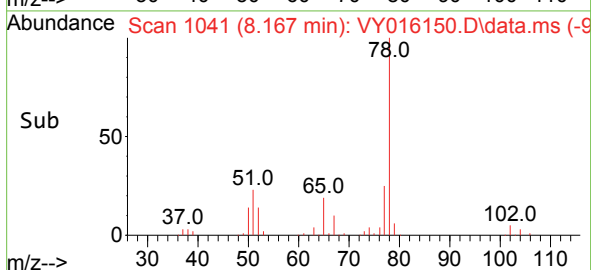
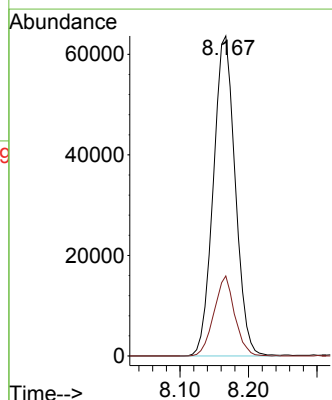
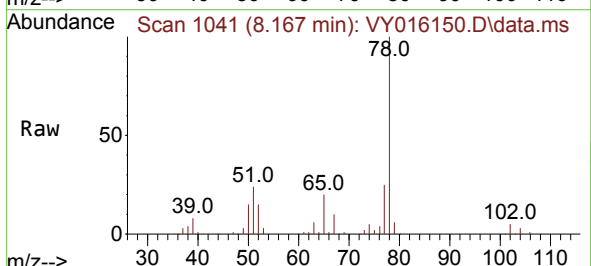
Acq: 31 Oct 2023 16:51

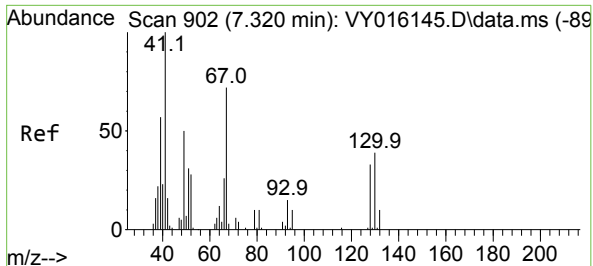
Tgt Ion: 78 Resp: 140935

Ion Ratio Lower Upper

78 100

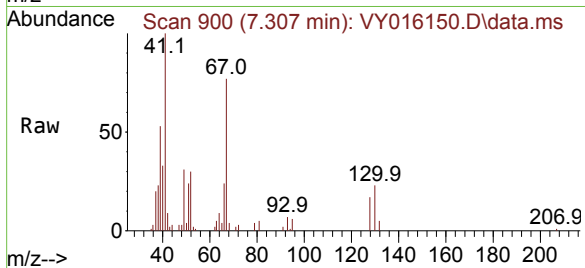
77 25.0 19.0 28.6



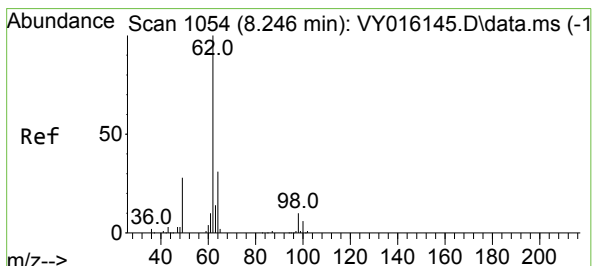
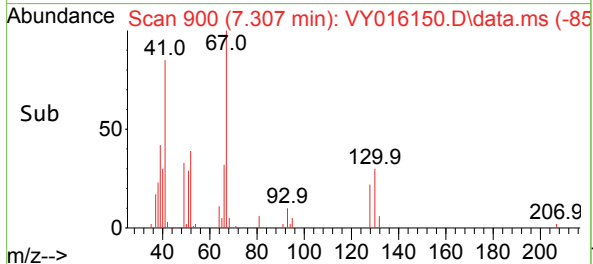
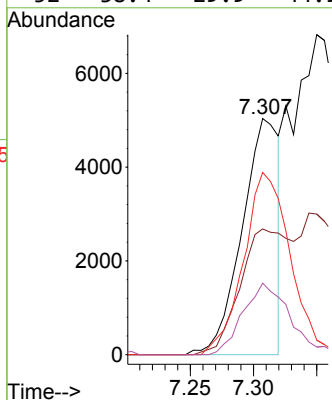


#41
Methacrylonitrile
Concen: 15.820 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :

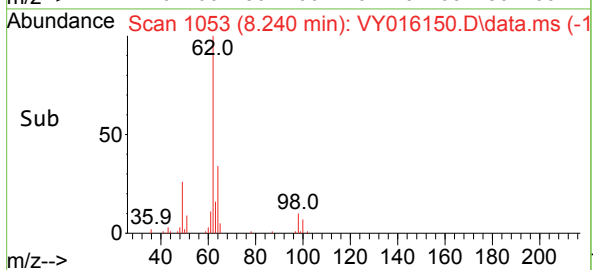
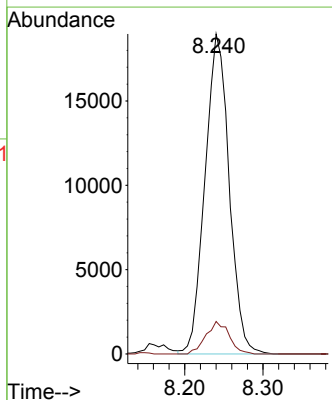
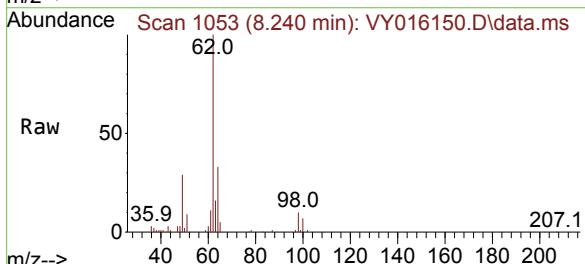


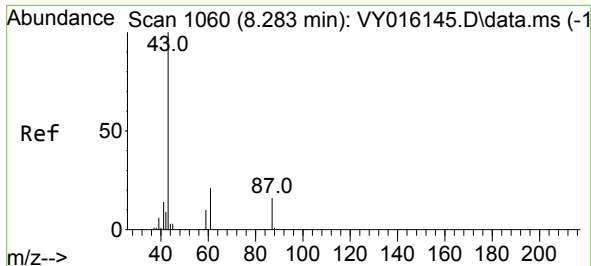
Tgt Ion: 41 Resp: 10193
Ion Ratio Lower Upper
41 100
39 74.1 52.1 78.1
67 97.8 66.2 99.2
52 38.4 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.379 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

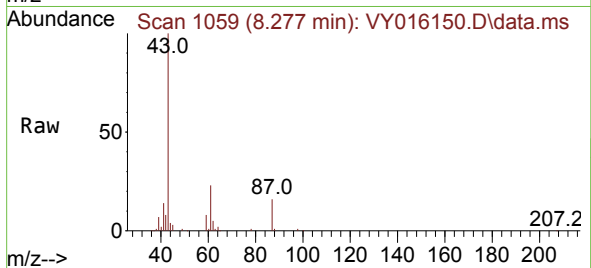
Tgt Ion: 62 Resp: 40691
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8



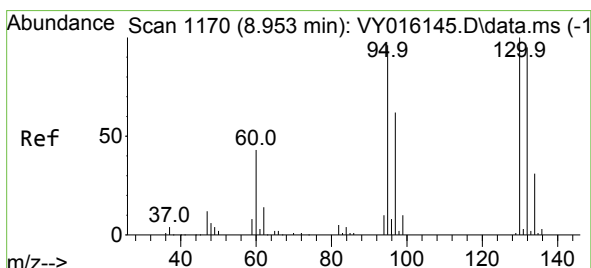
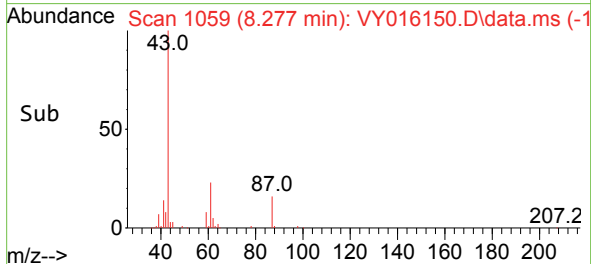
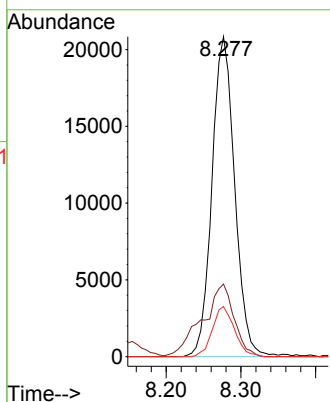


#43
Isopropyl Acetate
Concen: 20.045 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :

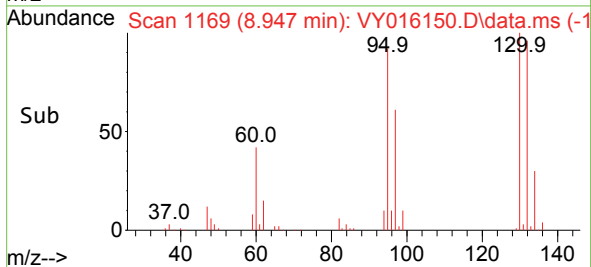
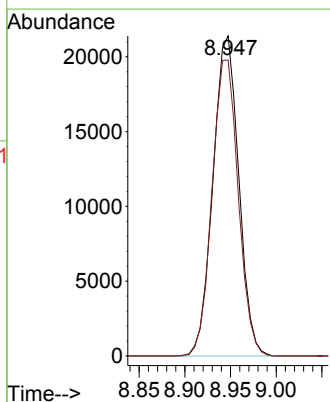
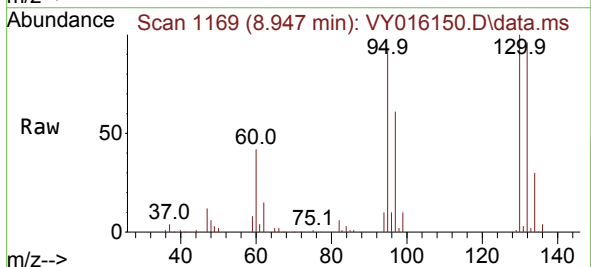


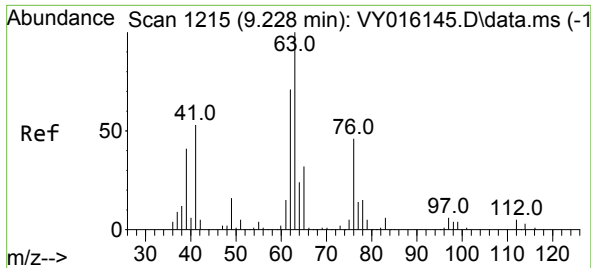
Tgt Ion: 43 Resp: 44012
Ion Ratio Lower Upper
43 100
61 31.8 21.1 31.7#
87 15.2 9.8 14.8#



#44
Trichloroethene
Concen: 19.992 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion:130 Resp: 41859
Ion Ratio Lower Upper
130 100
95 92.5 0.0 196.0

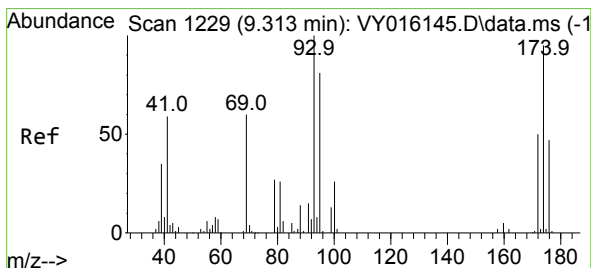
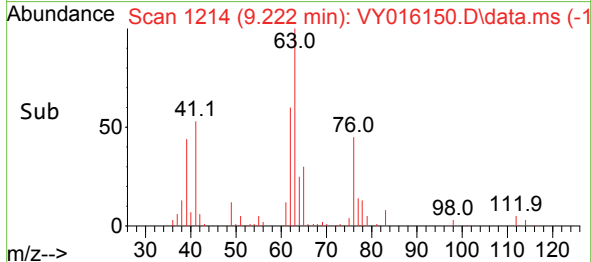
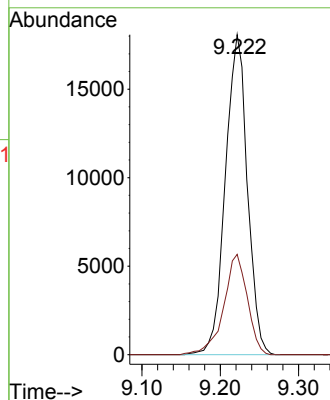
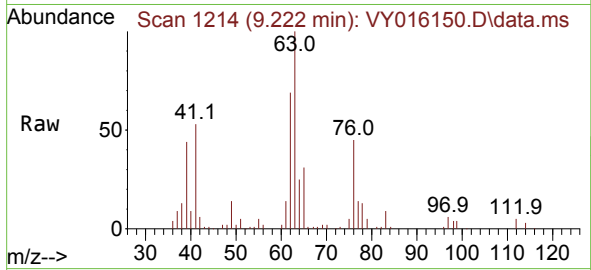




#45
1,2-Dichloropropane
Concen: 20.472 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

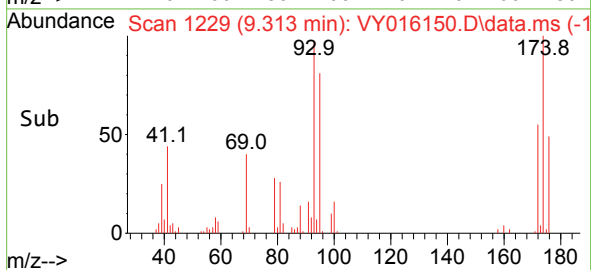
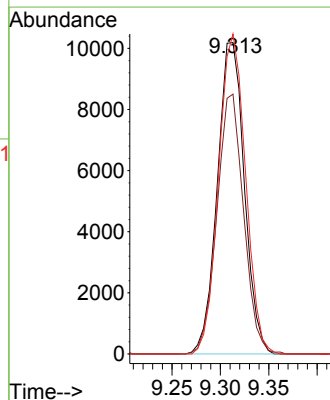
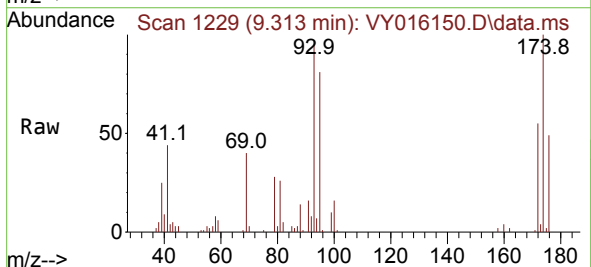
Instrument :
MSVOA_Y
ClientSampleId :

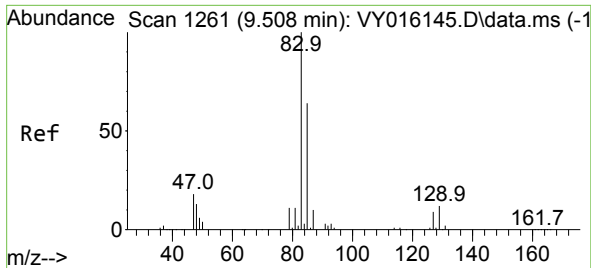
Tgt Ion: 63 Resp: 35237
Ion Ratio Lower Upper
63 100
65 31.3 23.8 35.6



#46
Dibromomethane
Concen: 20.287 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 93 Resp: 19808
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 102.0 84.8 127.2

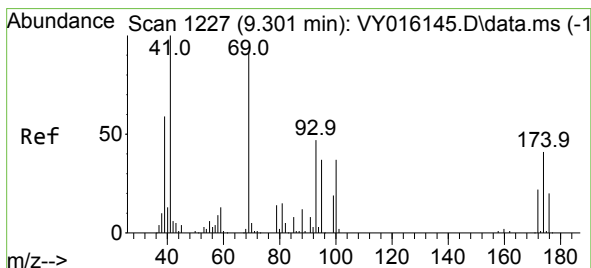
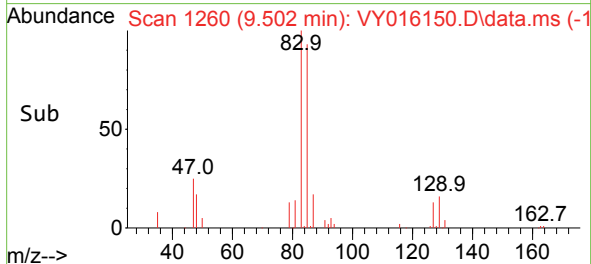
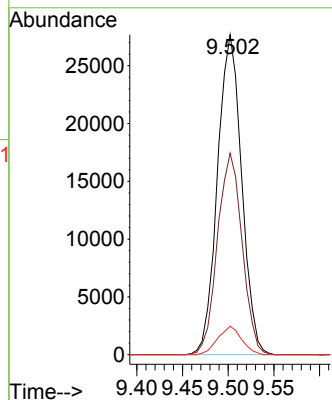
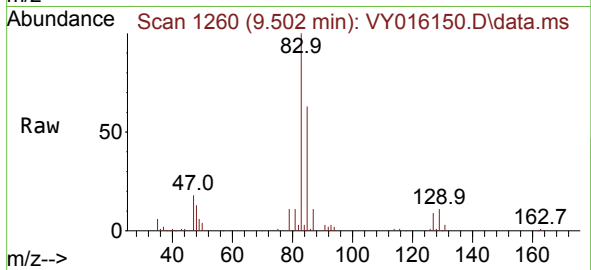




#47
Bromodichloromethane
Concen: 20.543 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

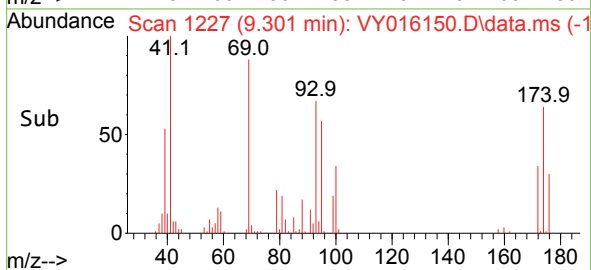
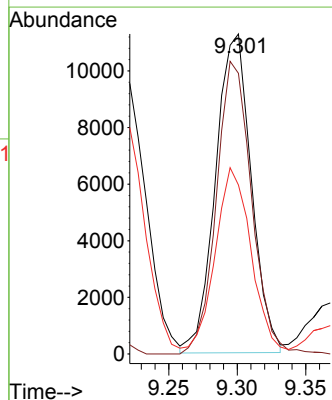
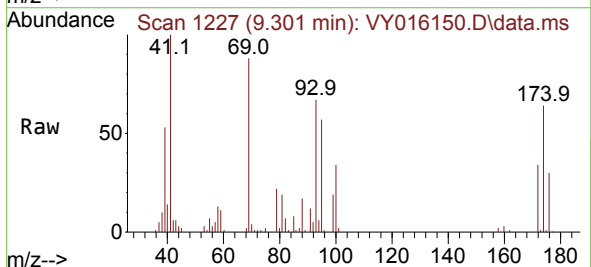
Instrument :
MSVOA_Y
ClientSampleId :

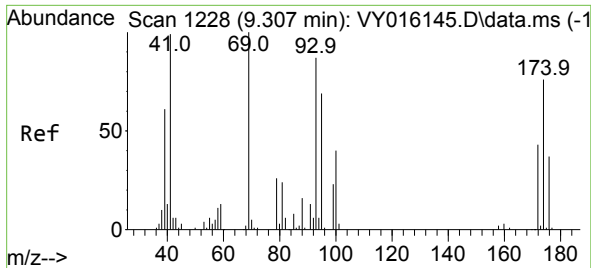
Tgt Ion: 83 Resp: 50963
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 20.481 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 41 Resp: 20449
Ion Ratio Lower Upper
41 100
69 90.5 64.5 96.7
39 56.3 50.8 76.2





#49

1,4-Dioxane

Concen: 387.897 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

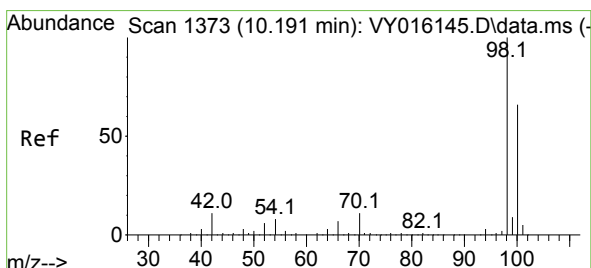
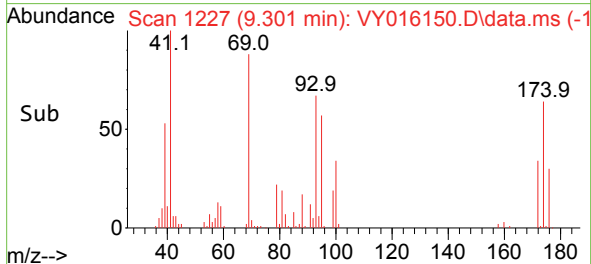
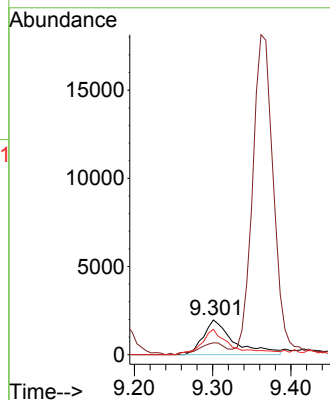
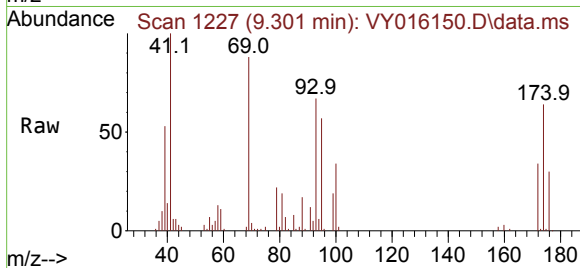
Tgt Ion: 88 Resp: 5331

Ion Ratio Lower Upper

88 100

43 31.4 0.0 0.0#

58 69.4 30.9 46.3#



#50

Toluene-d8

Concen: 48.720 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016150.D

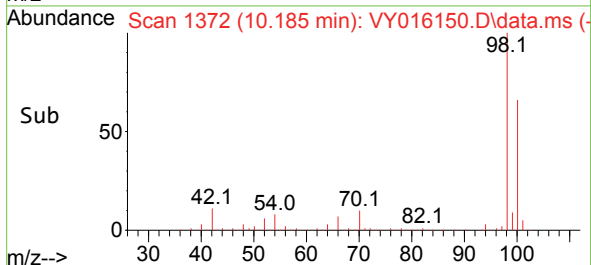
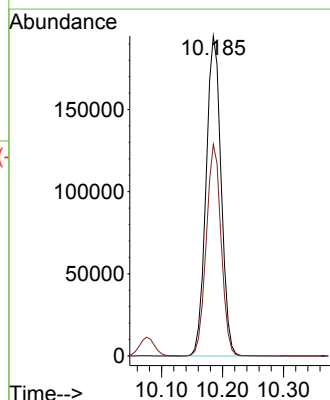
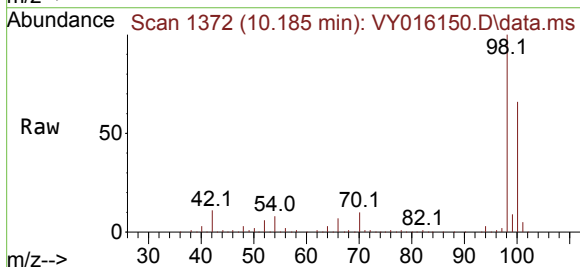
Acq: 31 Oct 2023 16:51

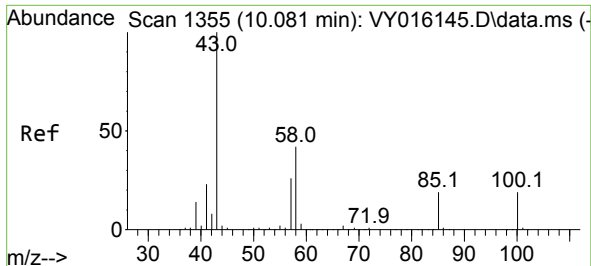
Tgt Ion: 98 Resp: 333389

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 103.668 ug/l

RT: 10.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

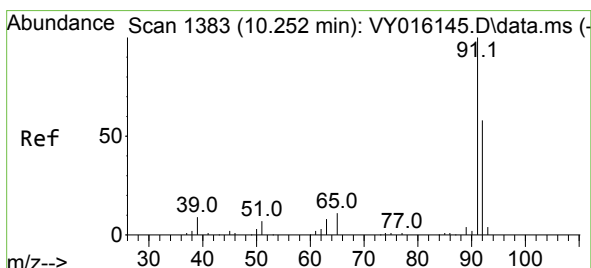
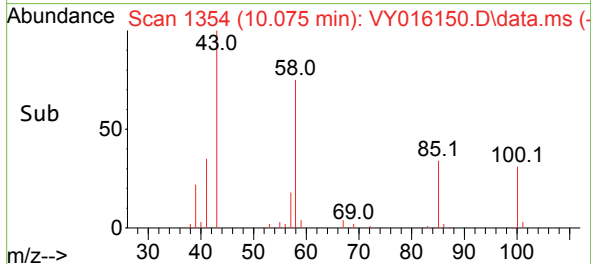
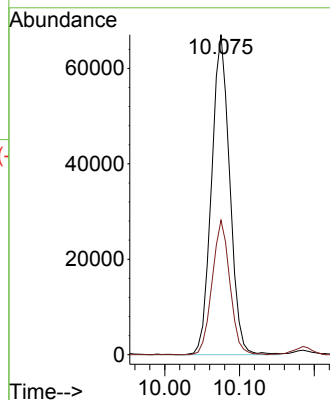
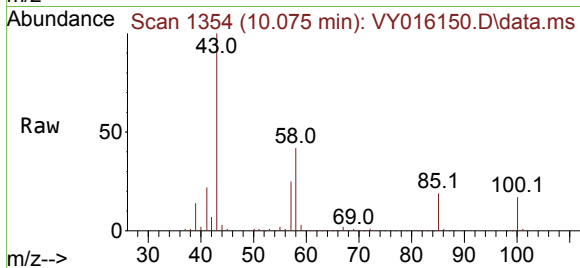
ClientSampleId :

Tgt Ion: 43 Resp: 113576

Ion Ratio Lower Upper

43 100

58 41.0 29.0 43.6



#52

Toluene

Concen: 19.730 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016150.D

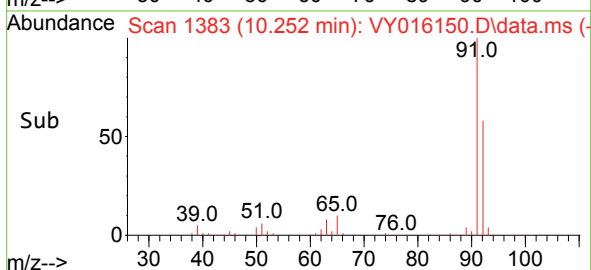
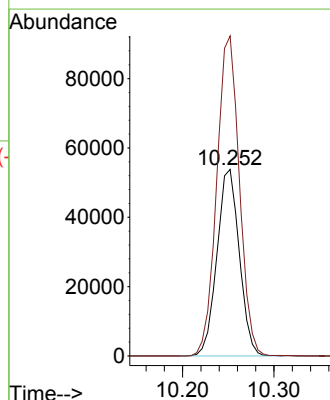
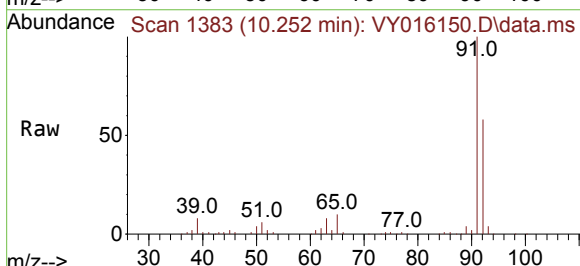
Acq: 31 Oct 2023 16:51

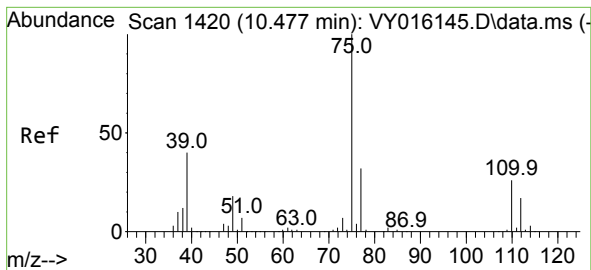
Tgt Ion: 92 Resp: 91473

Ion Ratio Lower Upper

92 100

91 173.8 143.8 215.6

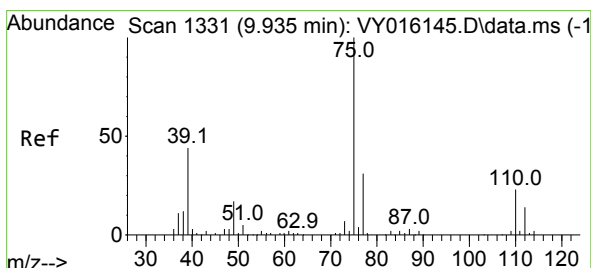
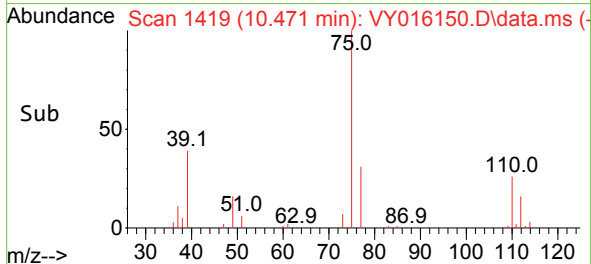
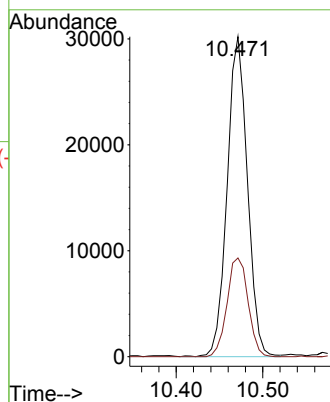
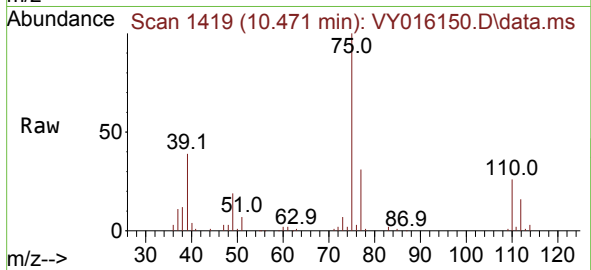




#53
 t-1,3-Dichloropropene
 Concen: 19.799 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51

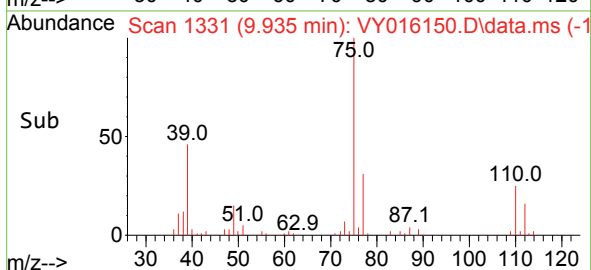
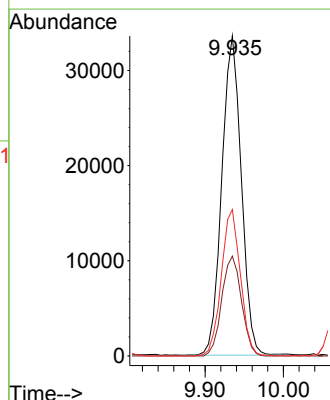
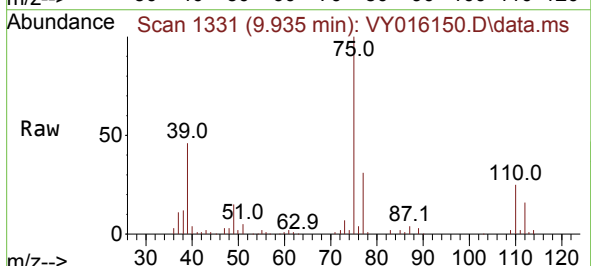
Instrument :
 MSVOA_Y
 ClientSampleId :

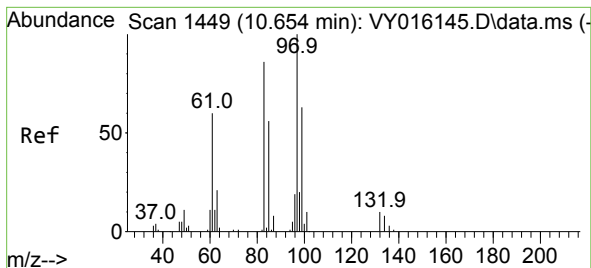
Tgt Ion: 75 Resp: 49033
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.967 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.000 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51

Tgt Ion: 75 Resp: 58023
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.2 36.4
 39 45.9 42.2 63.4

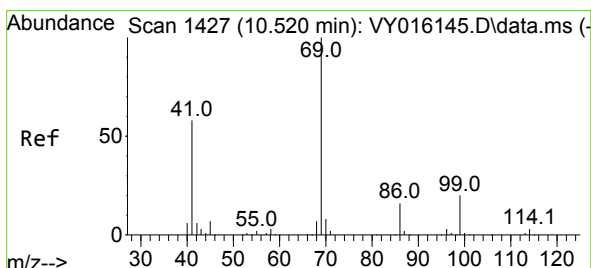
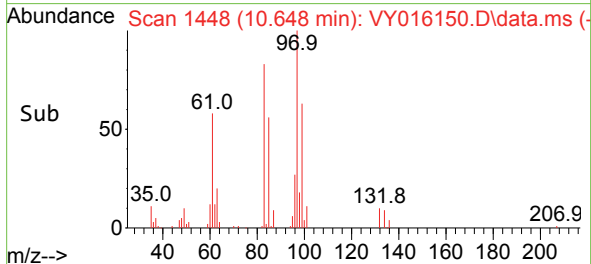
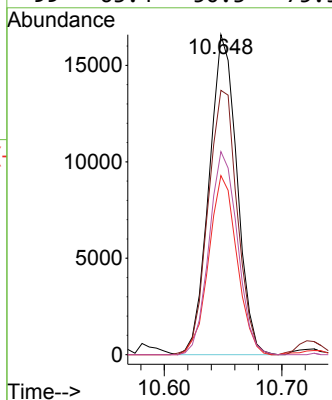
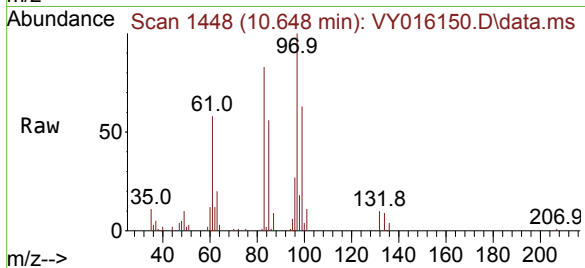




#55
1,1,2-Trichloroethane
Concen: 19.922 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

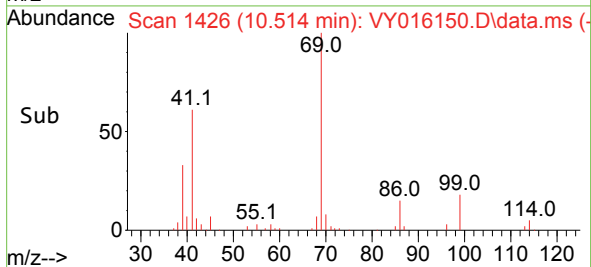
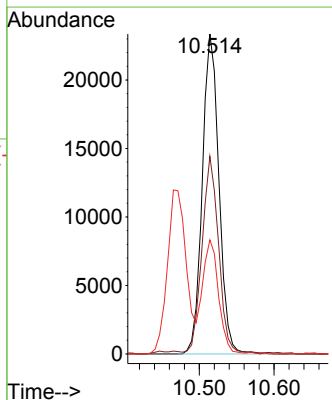
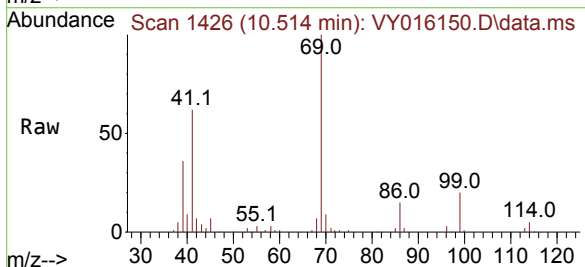
Instrument :
MSVOA_Y
ClientSampleId :

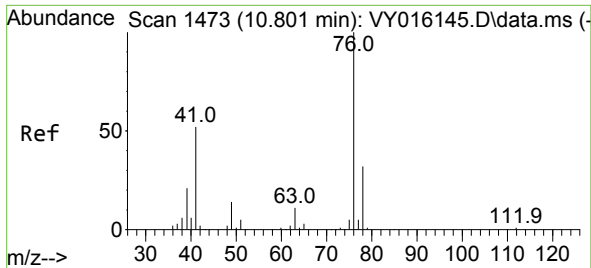
Tgt Ion:	97	Resp:	27362
Ion	Ratio	Lower	Upper
97	100		
83	82.6	72.0	108.0
85	55.9	45.4	68.0
99	63.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.250 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion:	69	Resp:	36120
Ion	Ratio	Lower	Upper
69	100		
41	61.6	57.6	86.4
39	33.3	34.1	51.1#

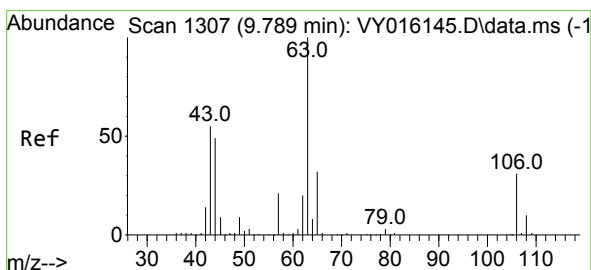
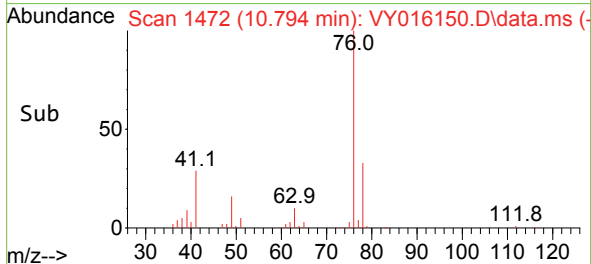
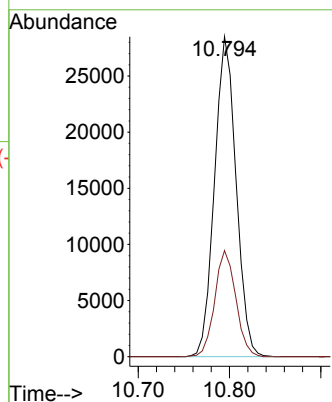
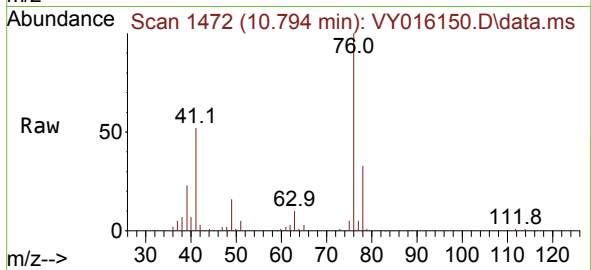




#57
1,3-Dichloropropane
Concen: 19.969 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

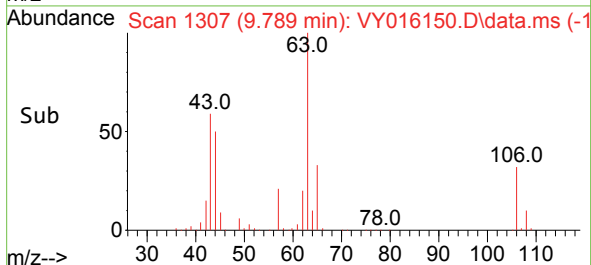
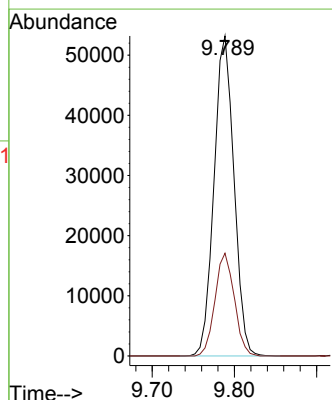
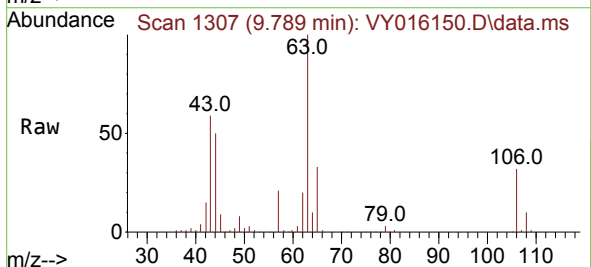
Instrument :
MSVOA_Y
ClientSampleId :

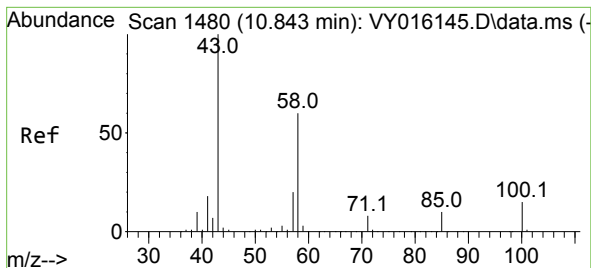
Tgt Ion: 76 Resp: 46689
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 103.541 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 63 Resp: 89554
Ion Ratio Lower Upper
63 100
106 31.1 21.2 31.8

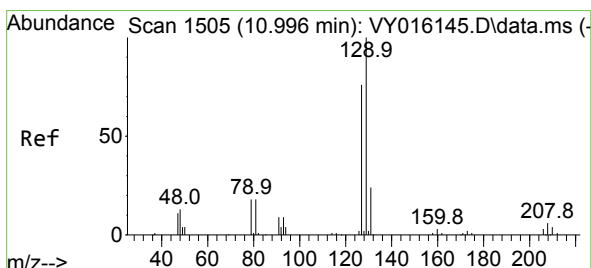
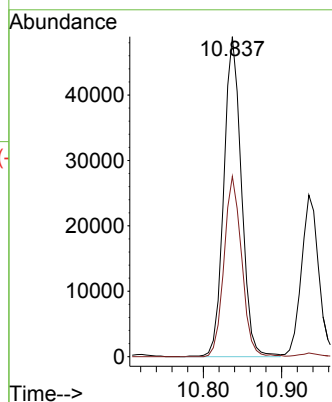
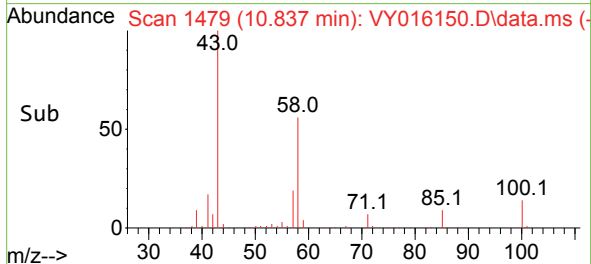
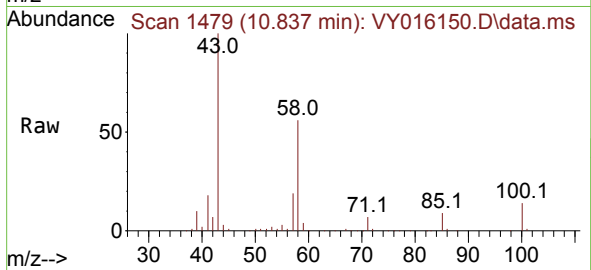




#59
2-Hexanone
Concen: 101.799 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

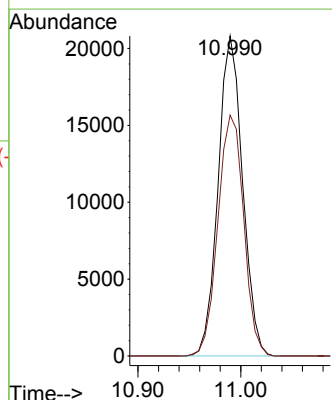
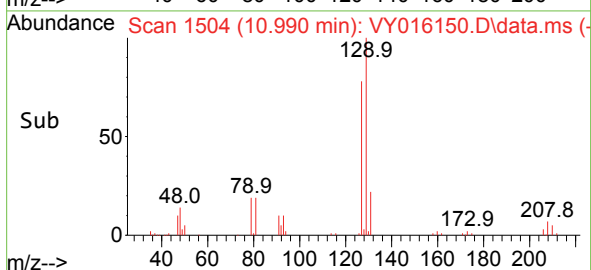
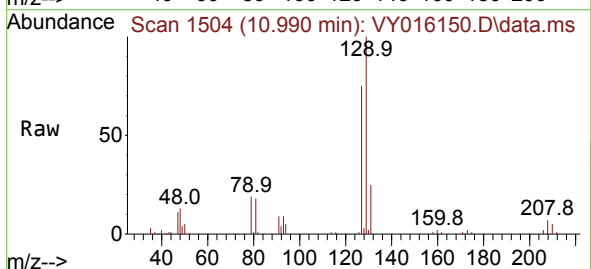
Instrument :
MSVOA_Y
ClientSampleId :

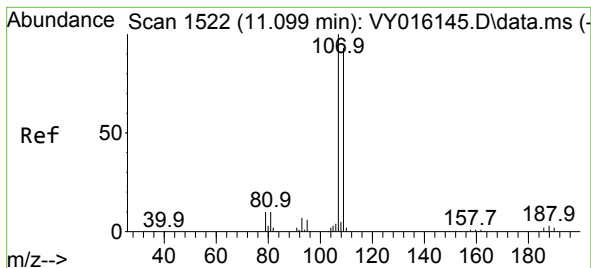
Tgt Ion: 43 Resp: 76426
Ion Ratio Lower Upper
43 100
58 56.4 25.1 75.3



#60
Dibromochloromethane
Concen: 19.939 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 129 Resp: 34355
Ion Ratio Lower Upper
129 100
127 79.4 38.5 115.5

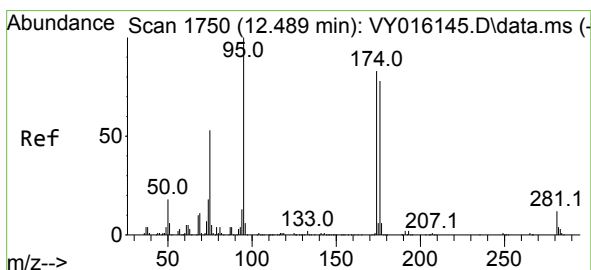
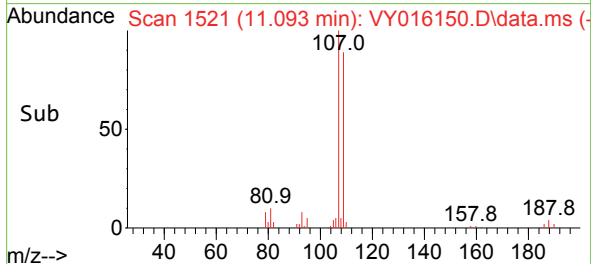
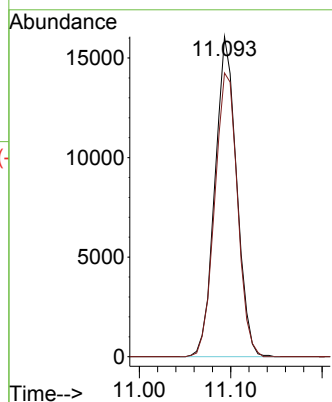
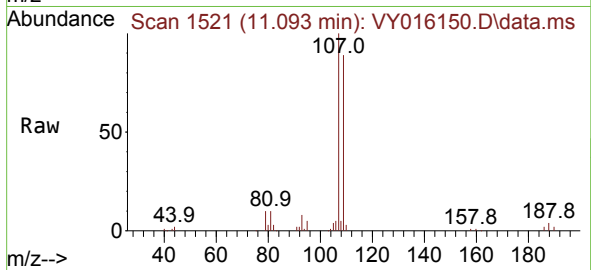




#61
1,2-Dibromoethane
Concen: 20.270 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

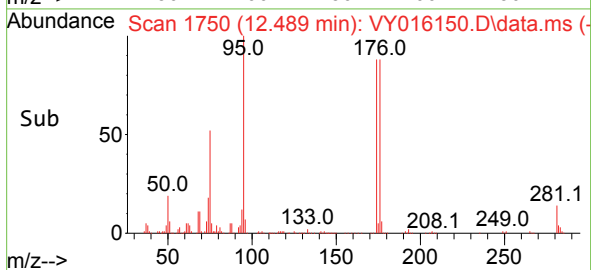
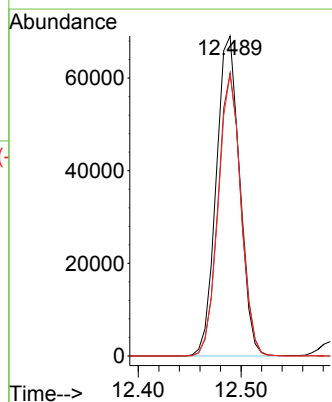
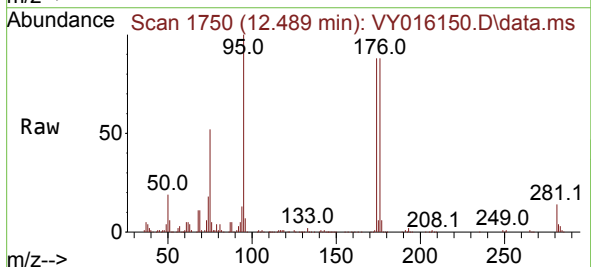
Instrument :
MSVOA_Y
ClientSampleId :

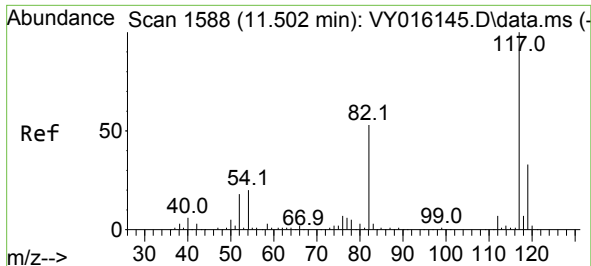
Tgt Ion:107 Resp: 26480
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.525 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 95 Resp: 108864
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 85.1 0.0 173.8

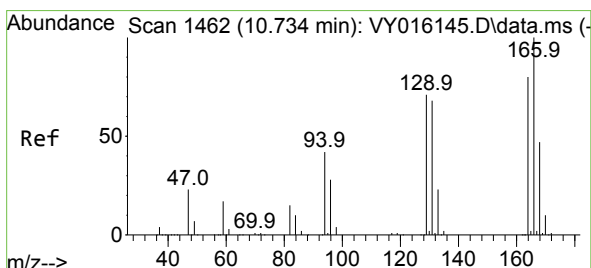
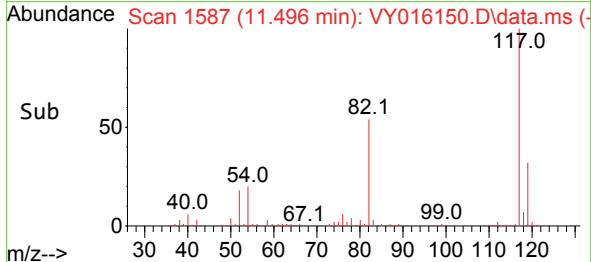
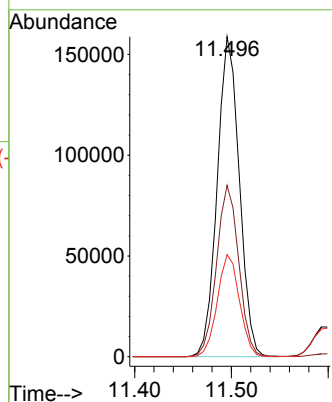
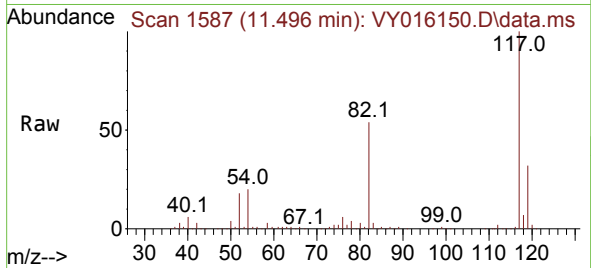




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

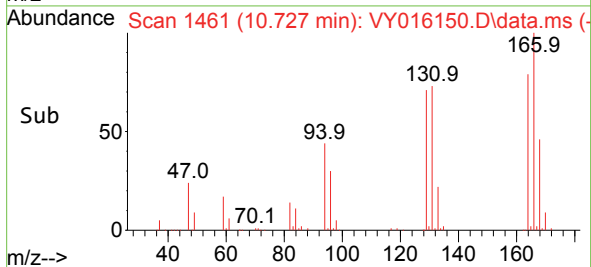
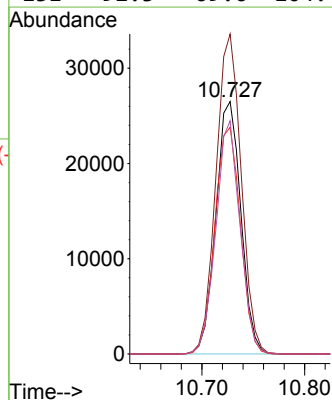
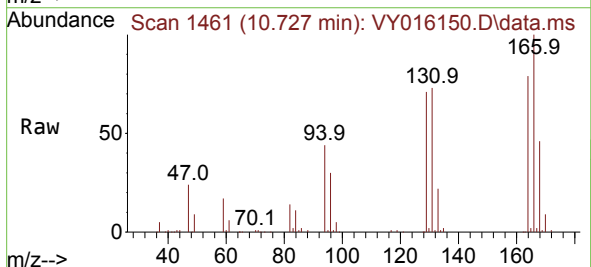
Instrument :
MSVOA_Y
ClientSampleId :

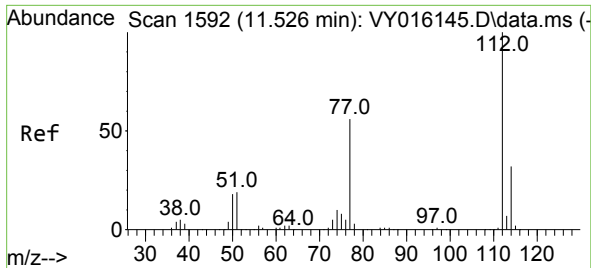
Tgt Ion:117 Resp: 251911
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 19.965 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion:164 Resp: 44735
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.6
129 89.8 77.2 115.8
131 92.3 69.6 104.4

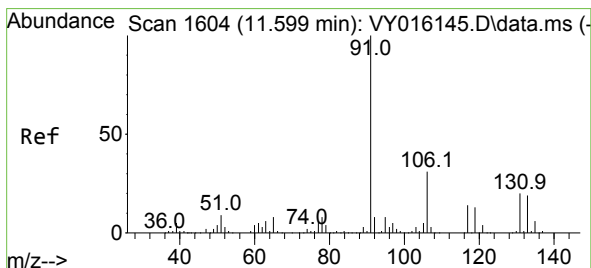
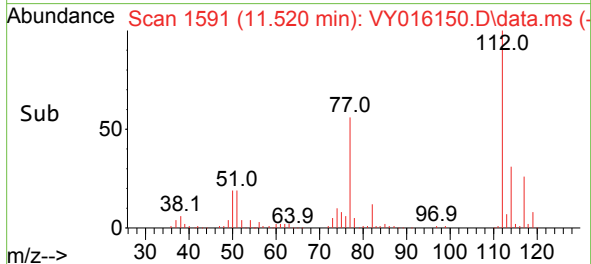
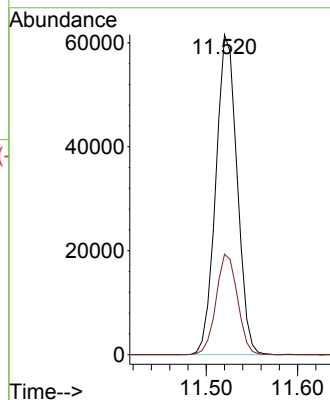
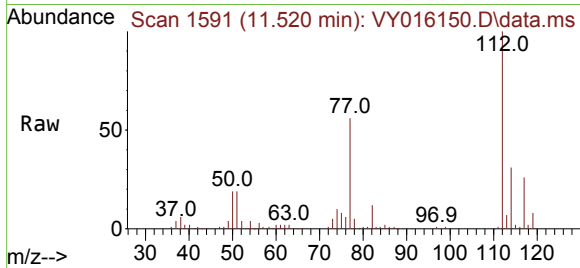




#65
Chlorobenzene
Concen: 19.914 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

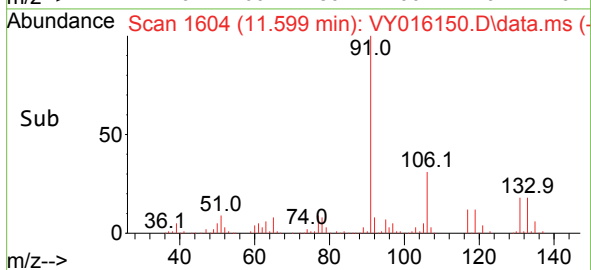
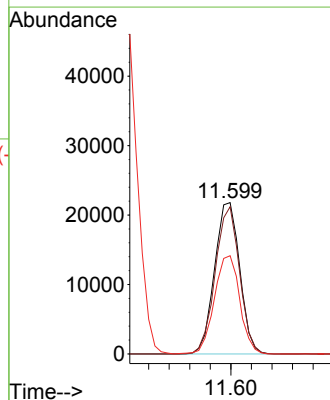
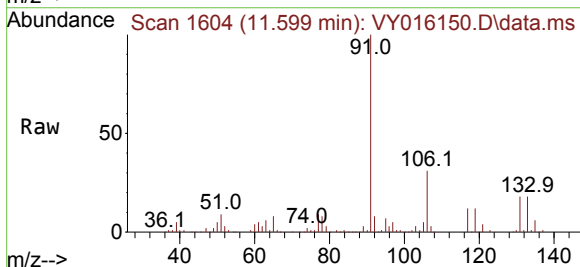
Instrument :
MSVOA_Y
ClientSampleId :

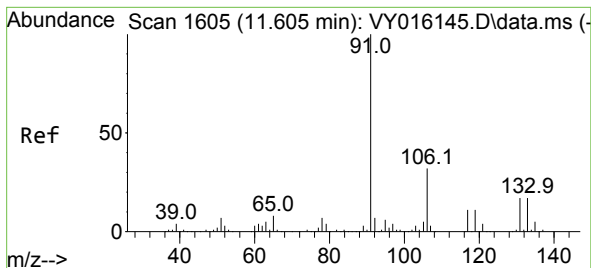
Tgt Ion:112 Resp: 99668
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.916 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

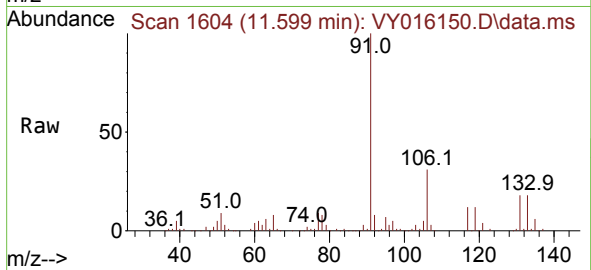
Tgt Ion:131 Resp: 36919
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 65.7 31.6 94.7



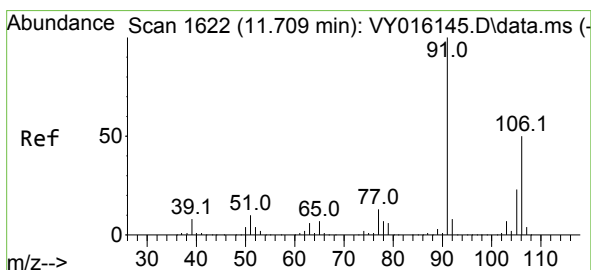
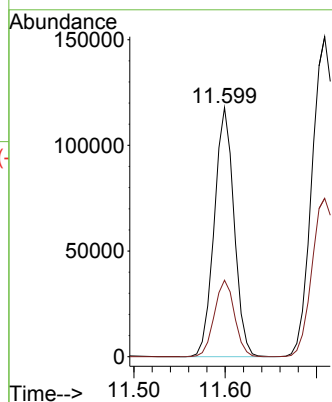
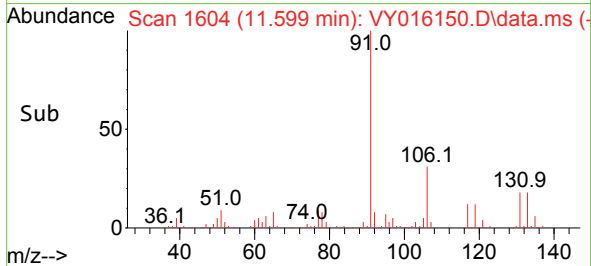


#67
Ethyl Benzene
Concen: 19.817 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Instrument :
MSVOA_Y
ClientSampleId :

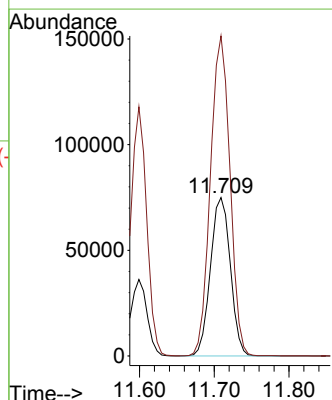
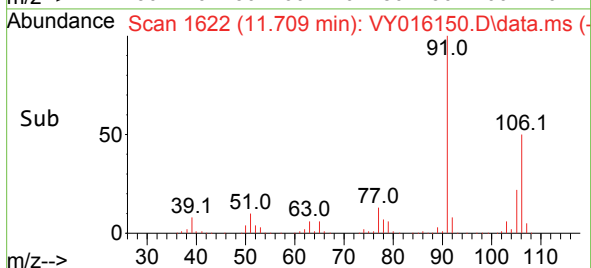
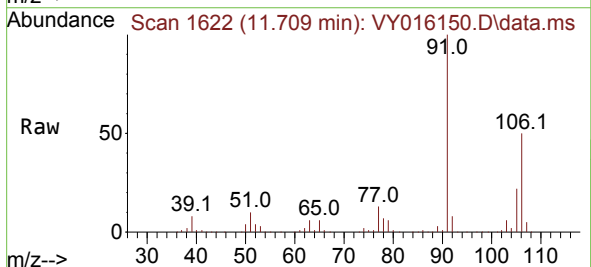


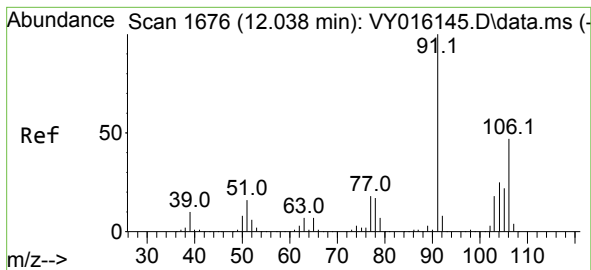
Tgt Ion: 91 Resp: 177396
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 40.074 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 106 Resp: 138621
Ion Ratio Lower Upper
106 100
91 198.4 166.1 249.1

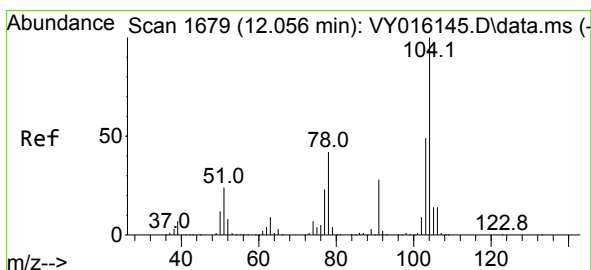
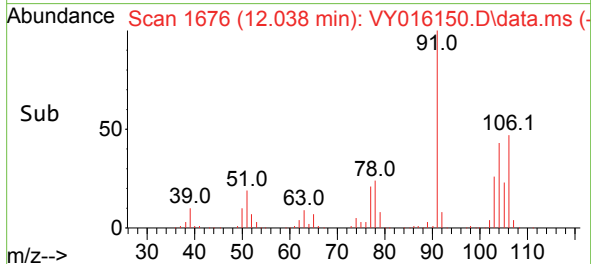
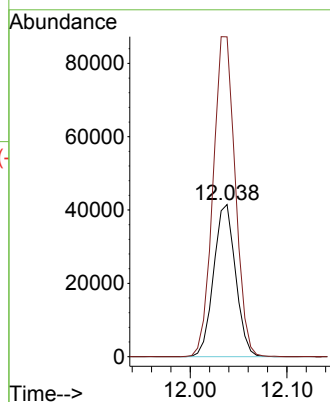
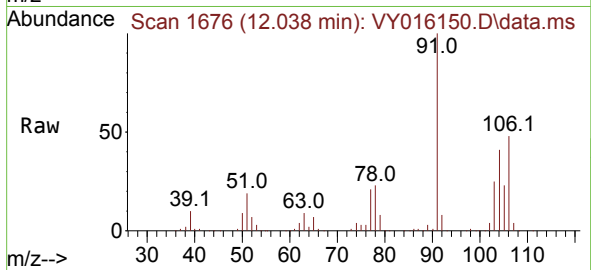




#69
o-Xylene
Concen: 19.776 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

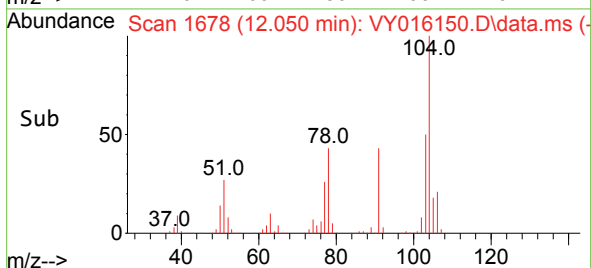
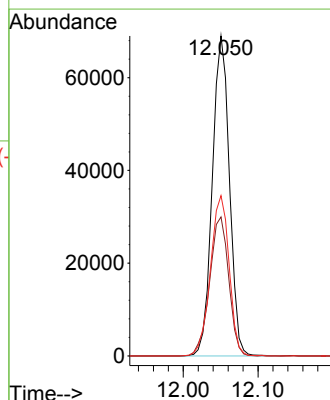
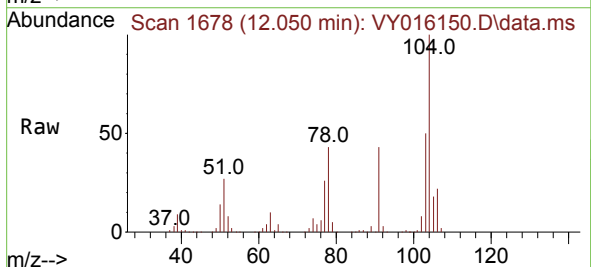
Instrument :
MSVOA_Y
ClientSampleId :

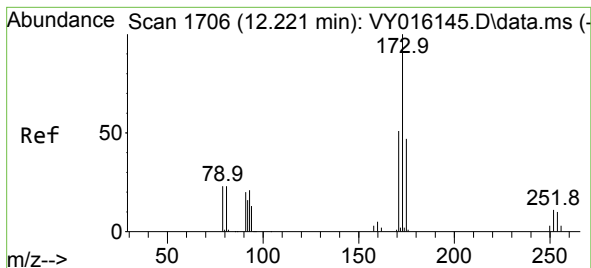
Tgt Ion:106 Resp: 65314
Ion Ratio Lower Upper
106 100
91 212.9 108.1 324.3



#70
Styrene
Concen: 20.014 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion:104 Resp: 109889
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 20.181 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016150.D

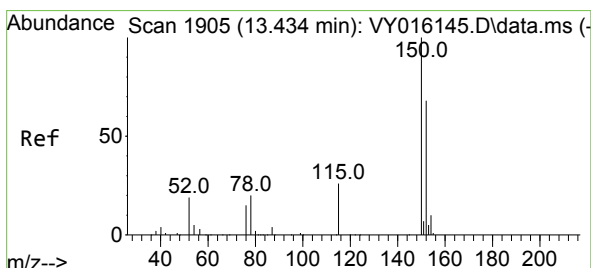
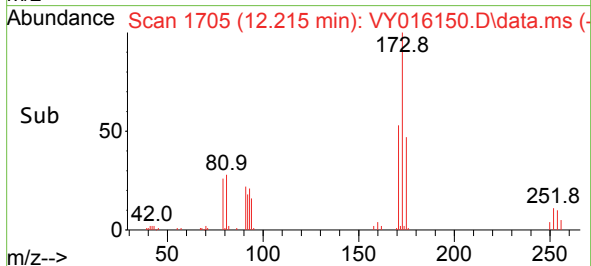
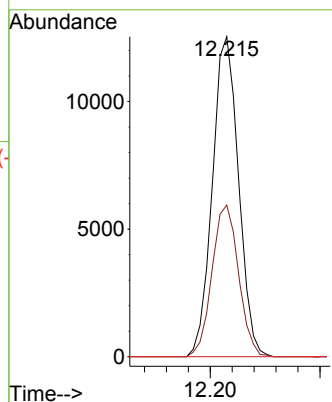
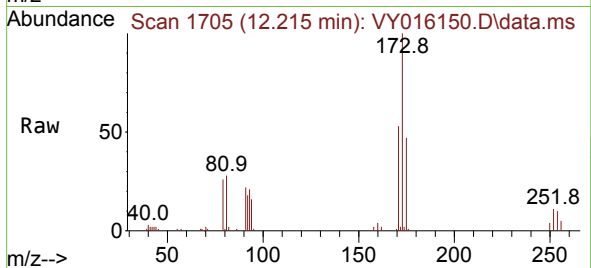
Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	20754
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

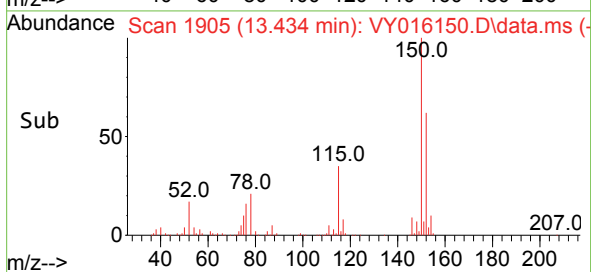
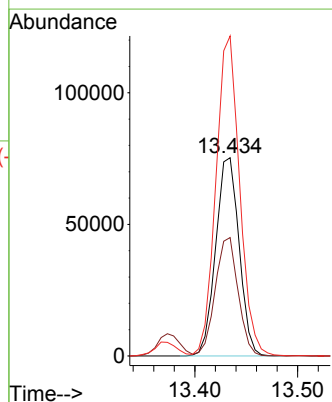
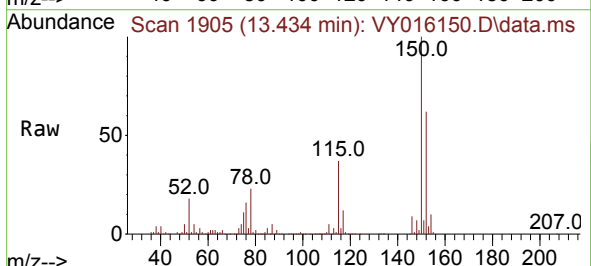
RT: 13.434 min Scan# 1905

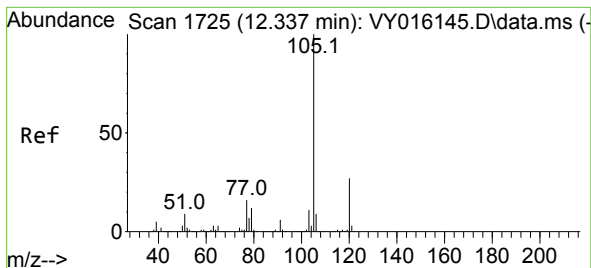
Delta R.T. -0.000 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Tgt Ion:152	Resp:	118992
Ion Ratio	Lower	Upper
152	100	
115	58.6	28.8 86.5
150	163.6	0.0 348.8





#73

Isopropylbenzene

Concen: 19.779 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

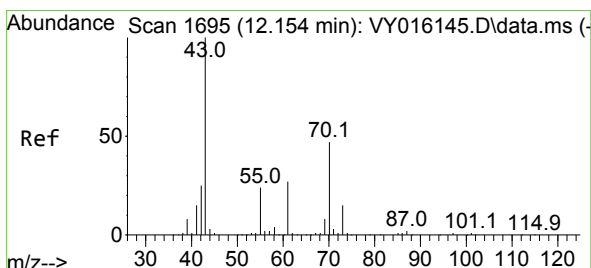
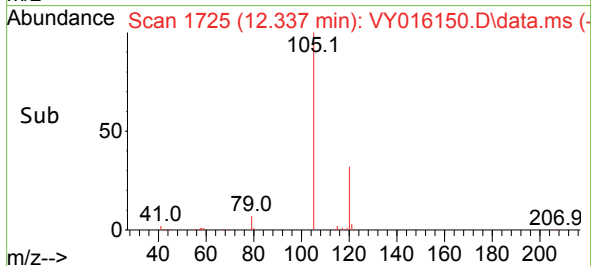
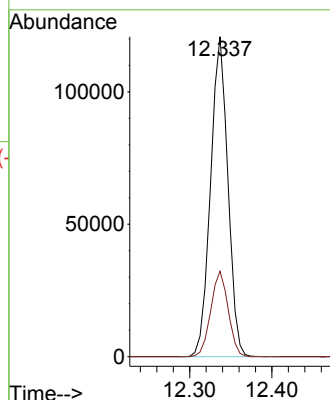
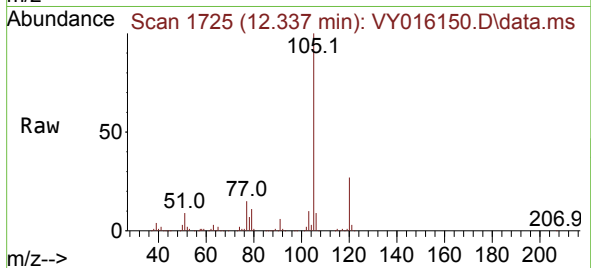
ClientSampleId :

Tgt Ion:105 Resp: 176546

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 20.033 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Tgt Ion: 43 Resp: 38858

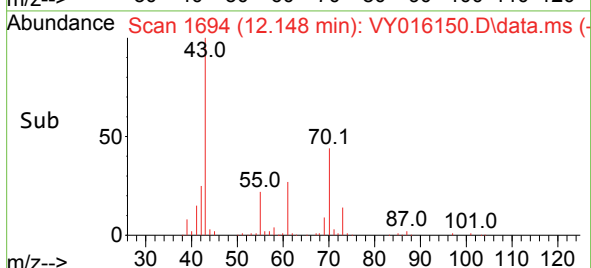
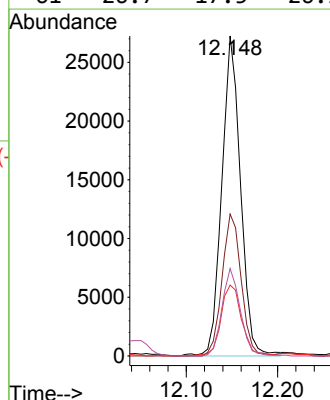
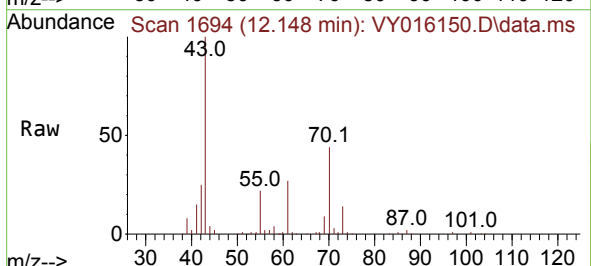
Ion Ratio Lower Upper

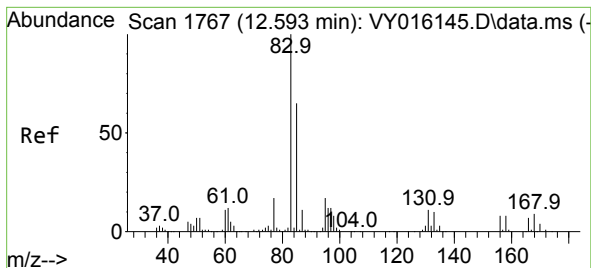
43 100

70 45.3 29.7 44.5#

55 24.5 18.3 27.5

61 26.7 17.5 26.3#

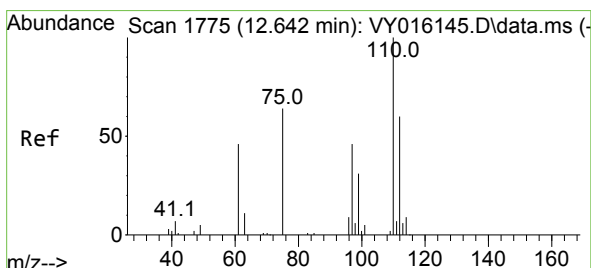
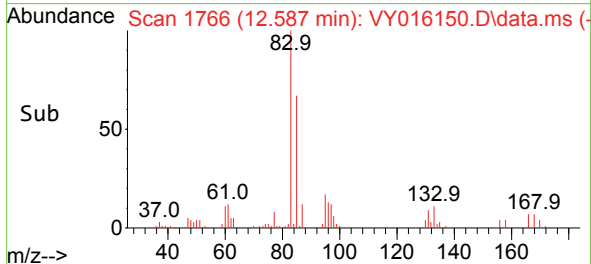
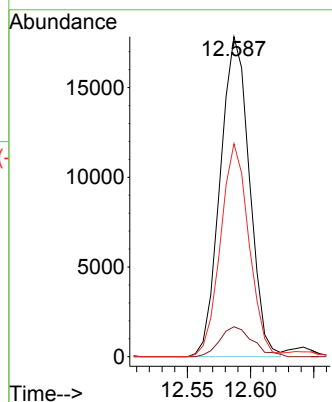
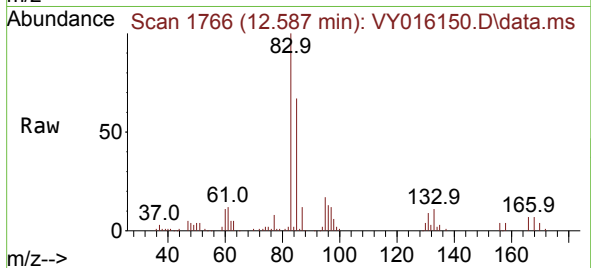




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.171 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. -0.006 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51

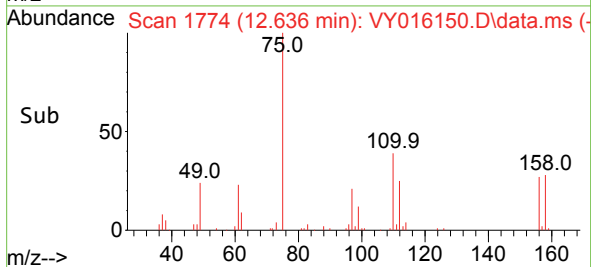
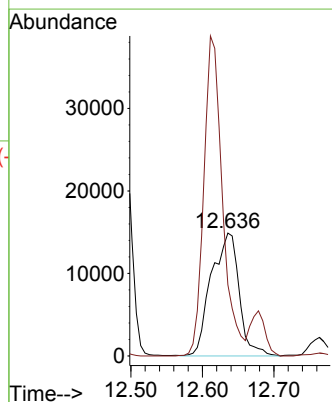
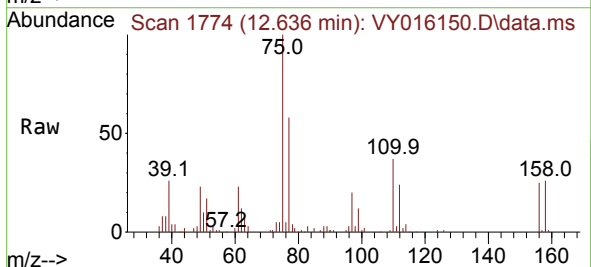
Instrument :
 MSVOA_Y
 ClientSampleId :

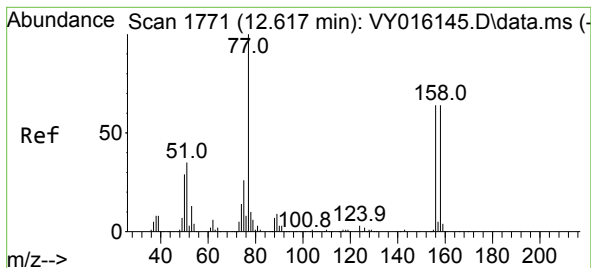
Tgt Ion: 83 Resp: 28650
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.4 16.2
 85 64.8 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 36.110 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. -0.006 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51

Tgt Ion: 75 Resp: 40463
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.118 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

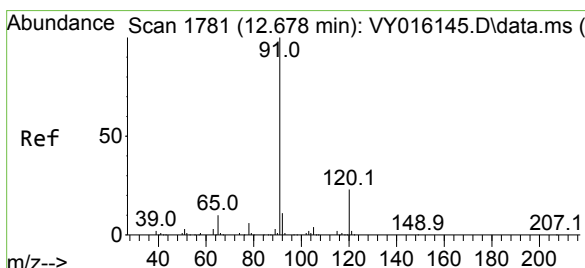
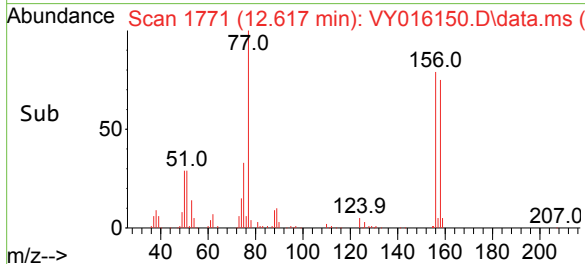
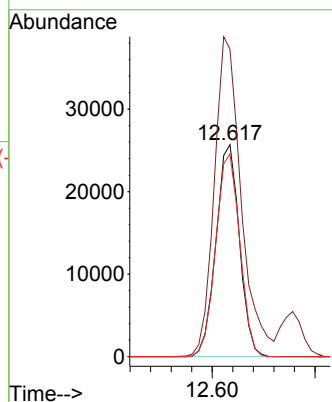
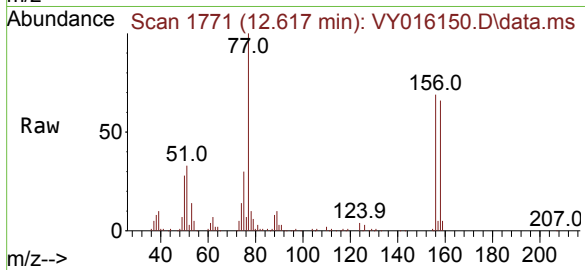
Tgt Ion:156 Resp: 40661

Ion Ratio Lower Upper

156 100

77 173.2 92.8 278.6

158 98.3 48.4 145.3



#78

n-propylbenzene

Concen: 19.935 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016150.D

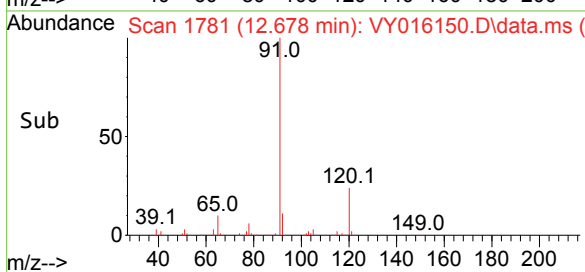
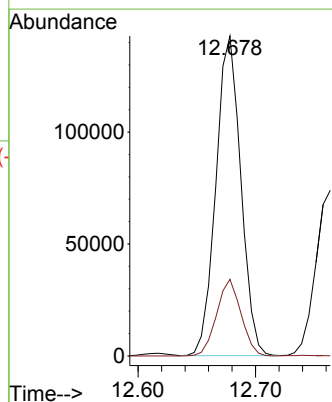
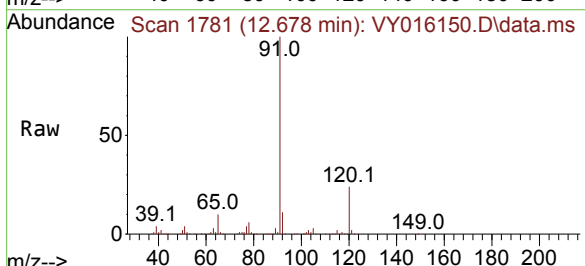
Acq: 31 Oct 2023 16:51

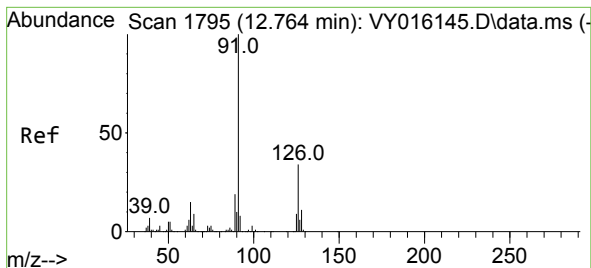
Tgt Ion: 91 Resp: 210366

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

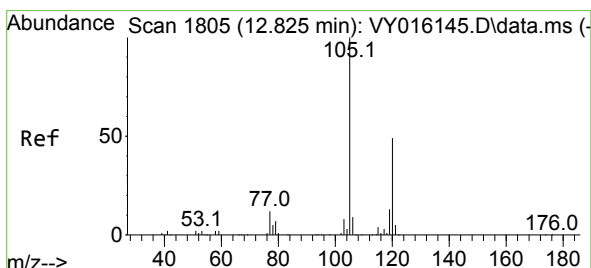
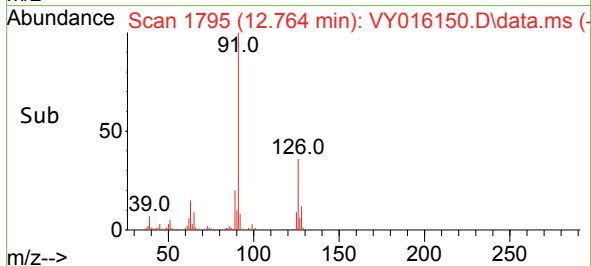
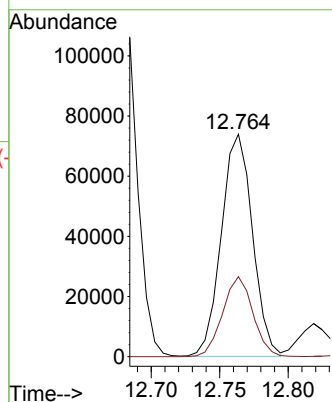
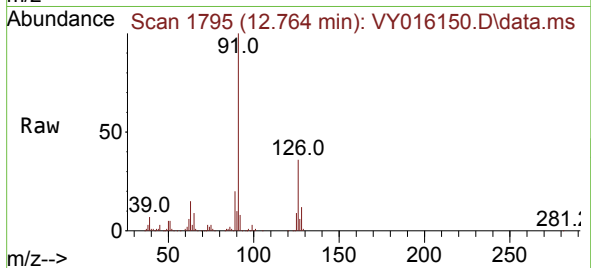




#79
2-Chlorotoluene
Concen: 19.842 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

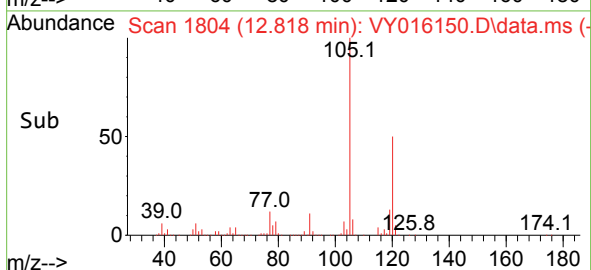
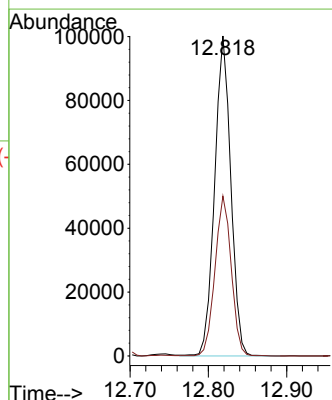
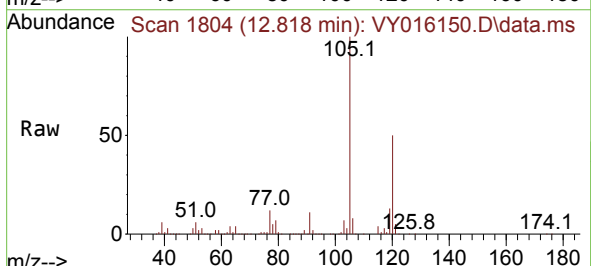
Instrument :
MSVOA_Y
ClientSampleId :

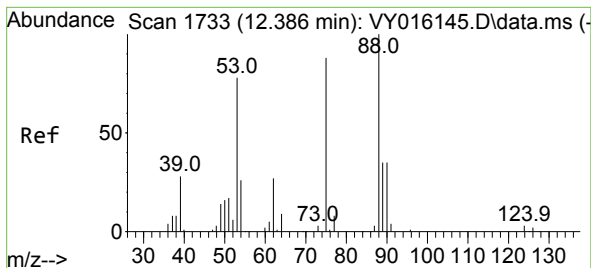
Tgt Ion: 91 Resp: 116784
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.904 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 105 Resp: 143938
Ion Ratio Lower Upper
105 100
120 50.2 23.9 71.7

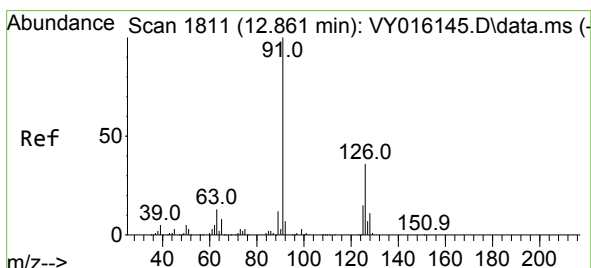
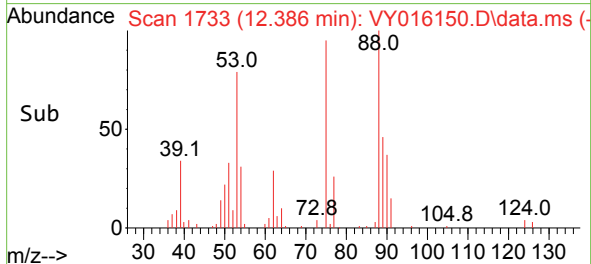
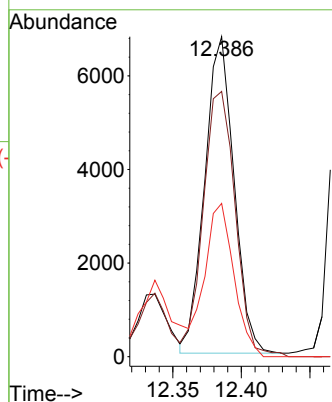
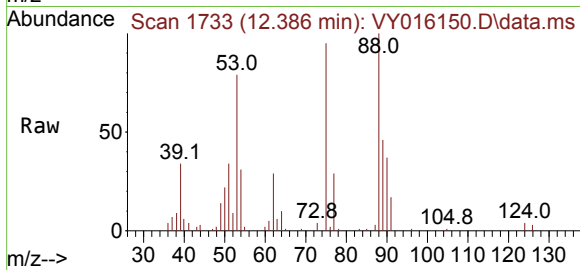




#81
trans-1,4-Dichloro-2-butene
Concen: 19.473 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

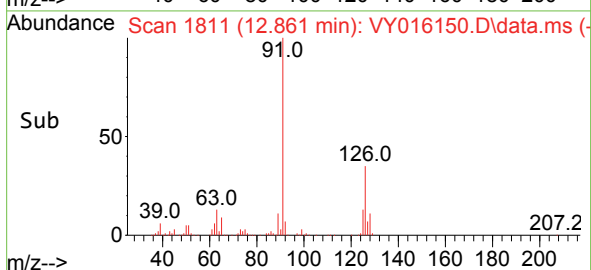
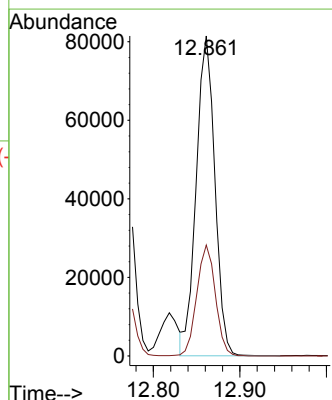
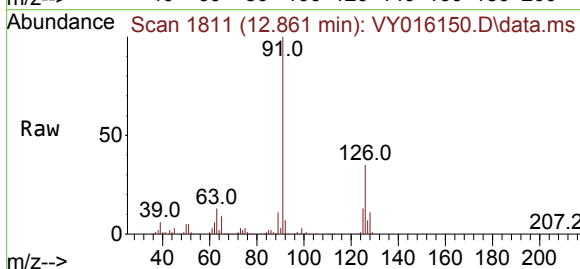
Instrument :
MSVOA_Y
ClientSampleId :

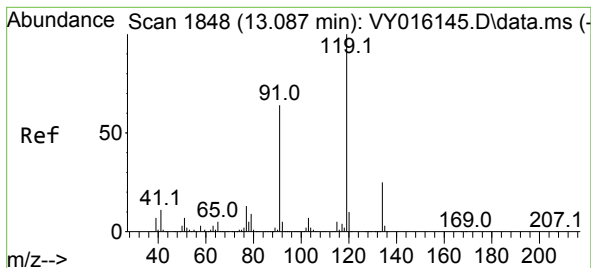
Tgt Ion: 75 Resp: 10064
Ion Ratio Lower Upper
75 100
53 91.6 77.8 116.8
89 48.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.083 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016150.D
Acq: 31 Oct 2023 16:51

Tgt Ion: 91 Resp: 121381
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.952 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

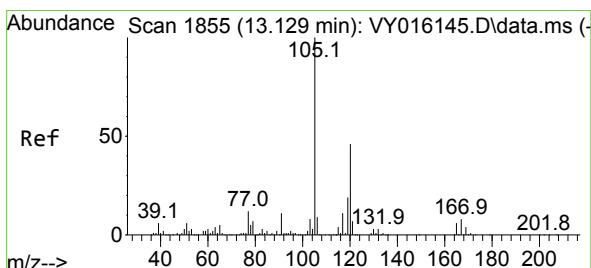
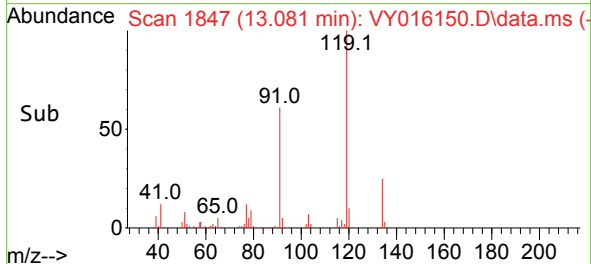
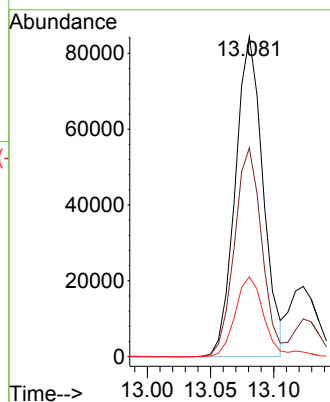
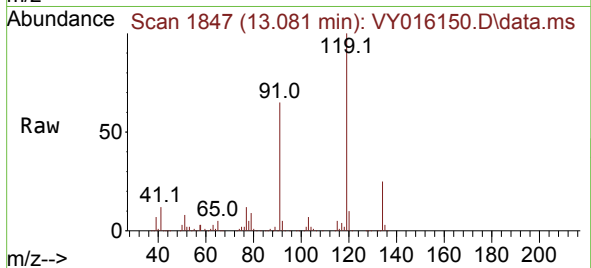
Tgt Ion:119 Resp: 129097

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.078 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016150.D

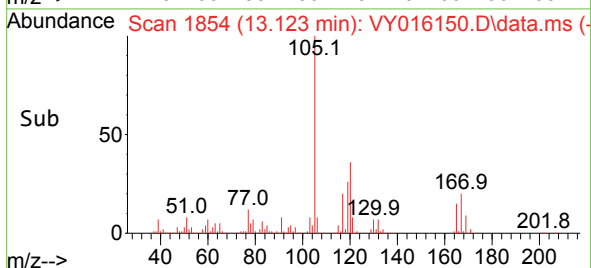
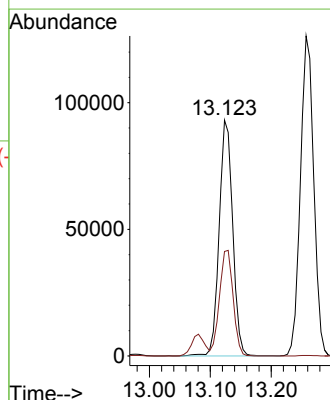
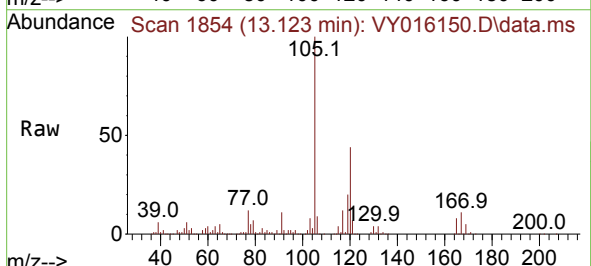
Acq: 31 Oct 2023 16:51

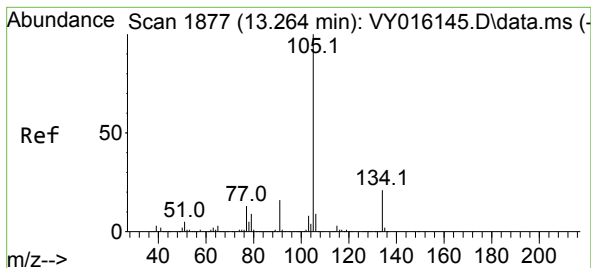
Tgt Ion:105 Resp: 143668

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.202 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

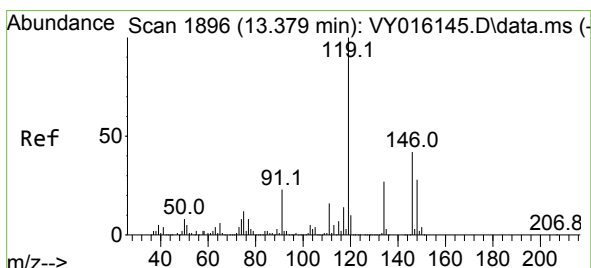
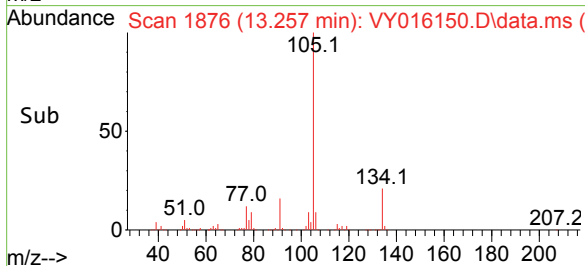
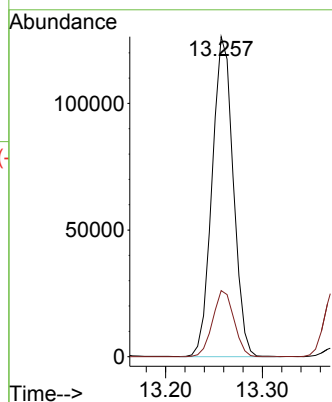
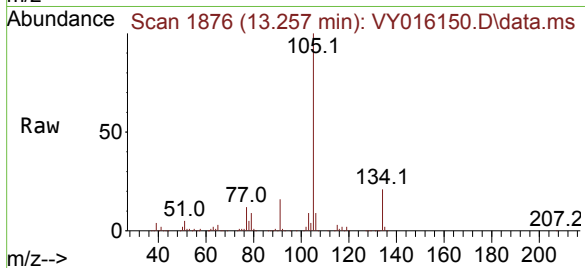
ClientSampleId :

Tgt Ion:105 Resp: 191855

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.294 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

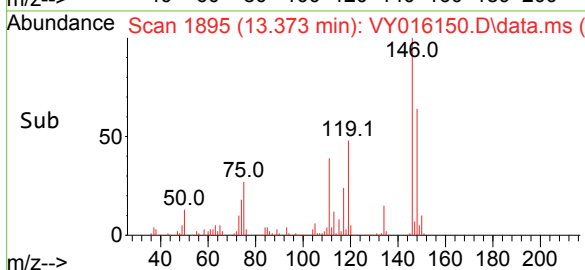
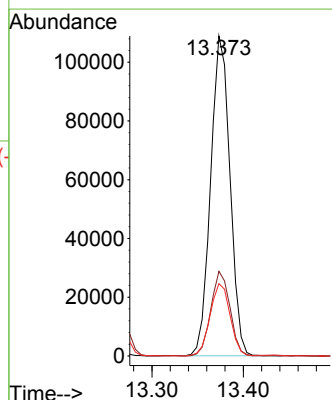
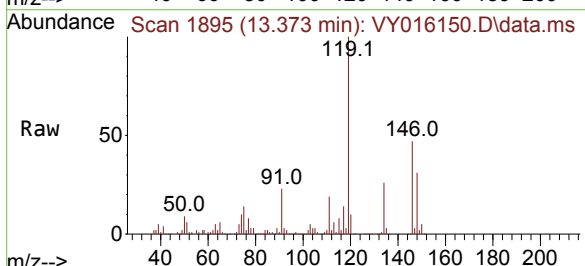
Tgt Ion:119 Resp: 159734

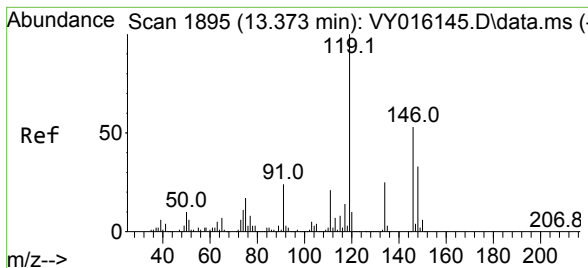
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.205 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

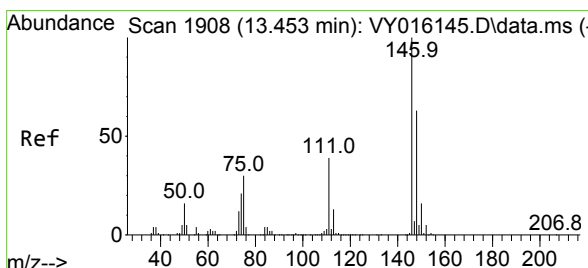
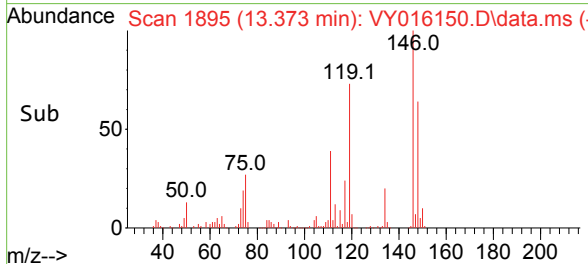
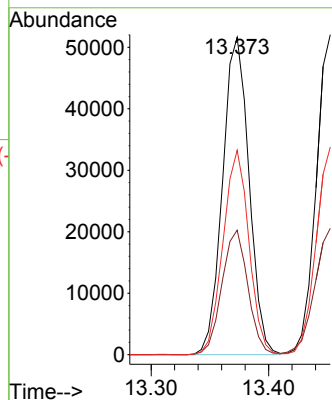
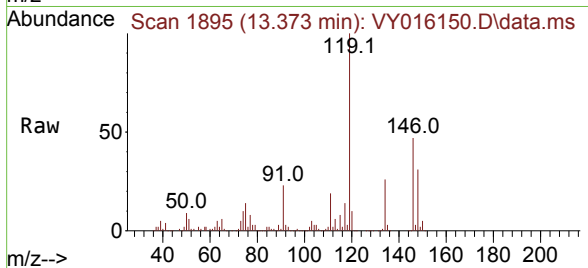
Tgt Ion:146 Resp: 80765

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 63.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.079 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

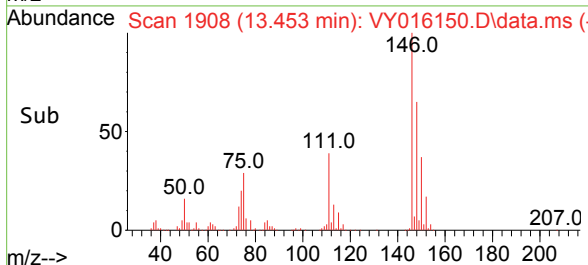
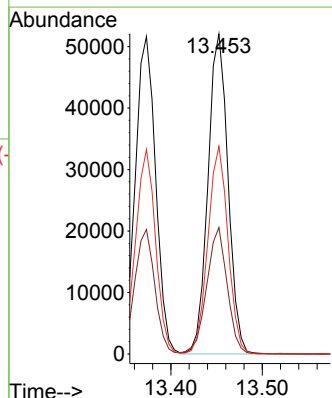
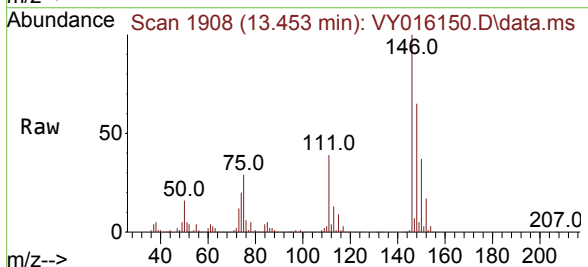
Tgt Ion:146 Resp: 79325

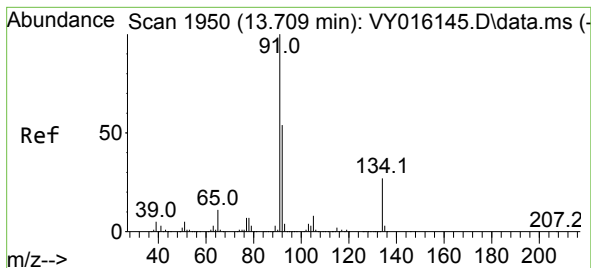
Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.7

148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 20.335 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

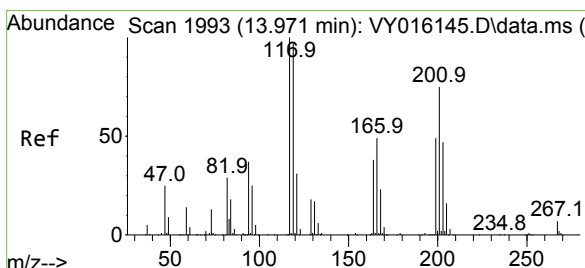
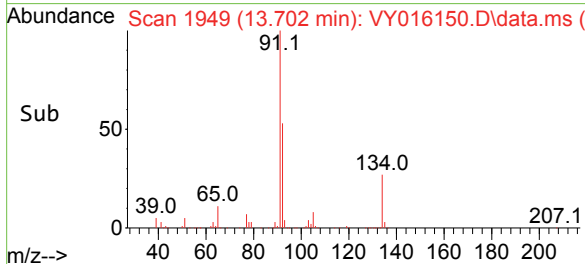
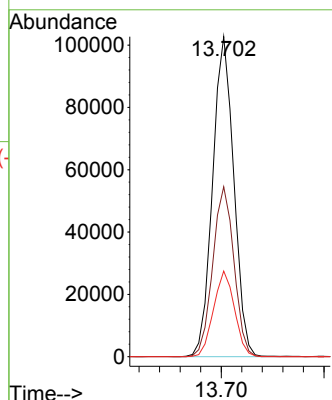
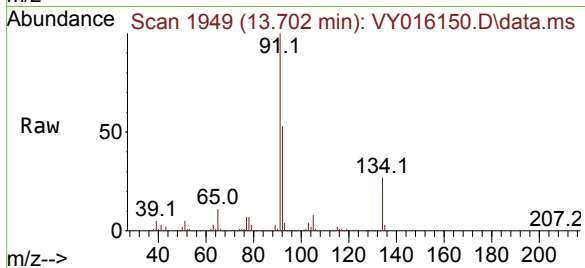
Tgt Ion: 91 Resp: 147066

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 20.067 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016150.D

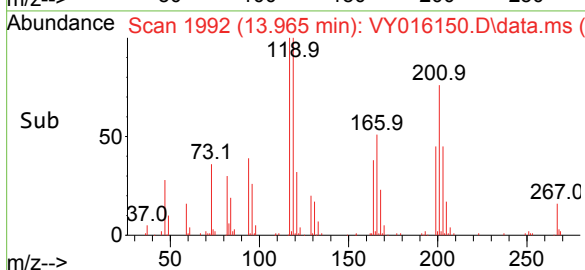
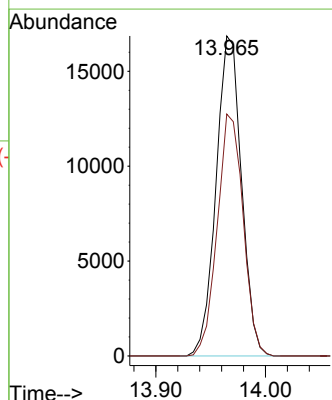
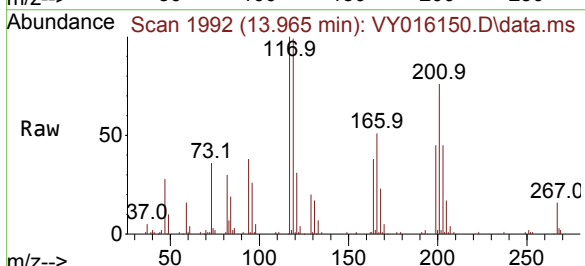
Acq: 31 Oct 2023 16:51

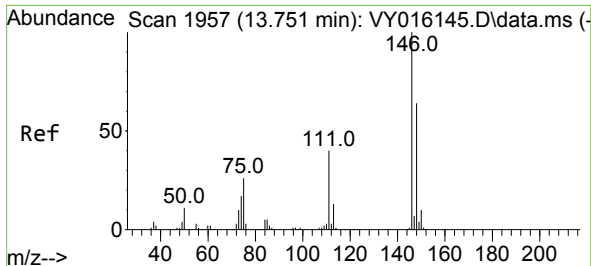
Tgt Ion: 117 Resp: 27218

Ion Ratio Lower Upper

117 100

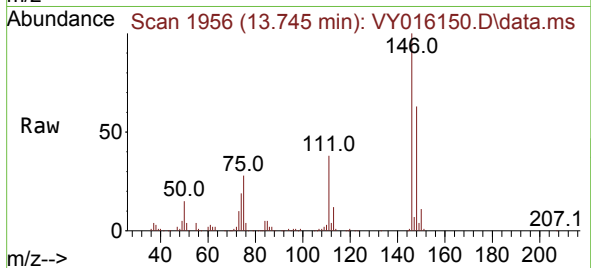
201 76.9 41.6 124.8



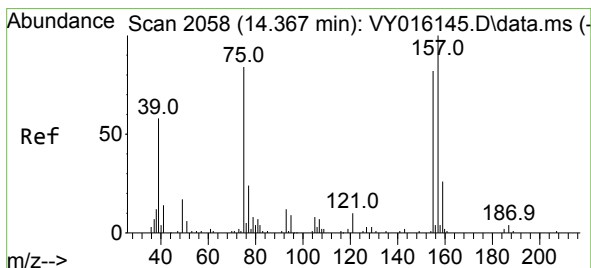
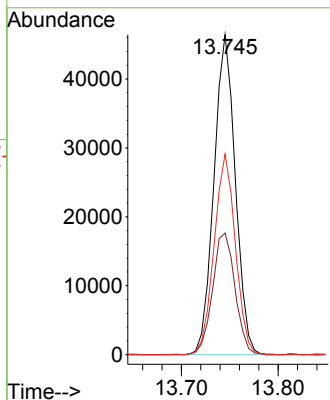
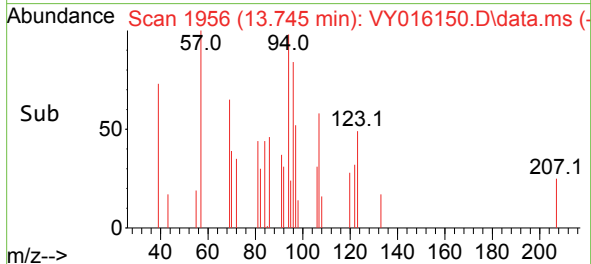


#91
 1,2-Dichlorobenzene
 Concen: 20.616 ug/l
 RT: 13.745 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51

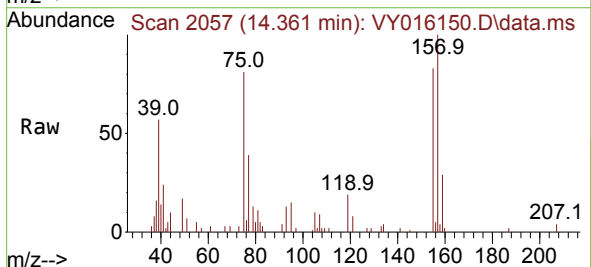
Instrument :
 MSVOA_Y
 ClientSampleId :



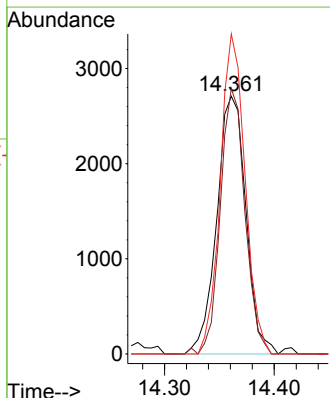
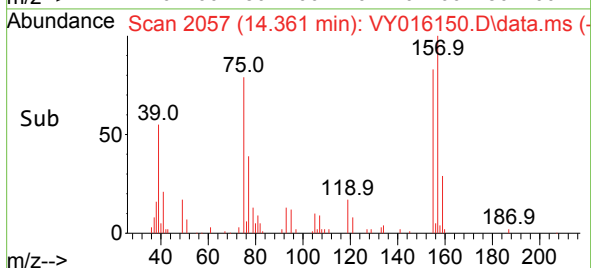
Tgt Ion:146 Resp: 71200
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.7 59.0
 148 62.5 32.0 96.2

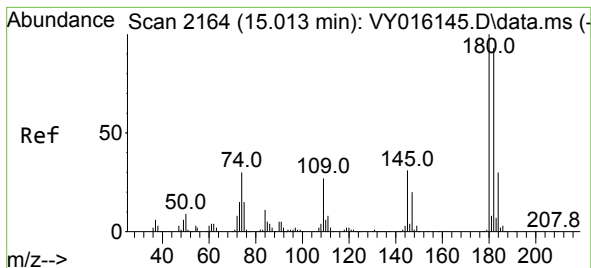


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.706 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. -0.006 min
 Lab File: VY016150.D
 Acq: 31 Oct 2023 16:51



Tgt Ion: 75 Resp: 5009
 Ion Ratio Lower Upper
 75 100
 155 87.0 41.5 124.6
 157 105.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.772 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

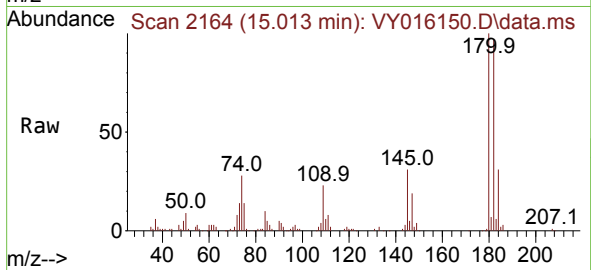
Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :



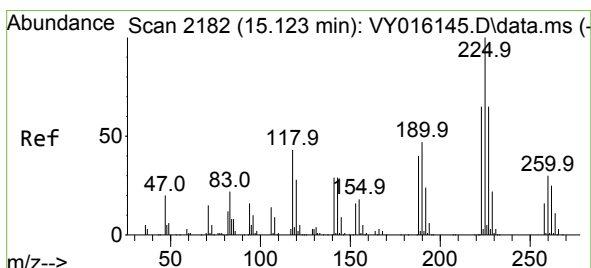
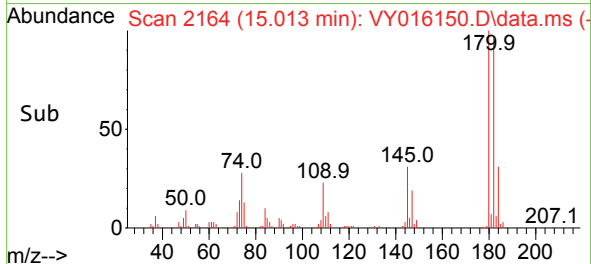
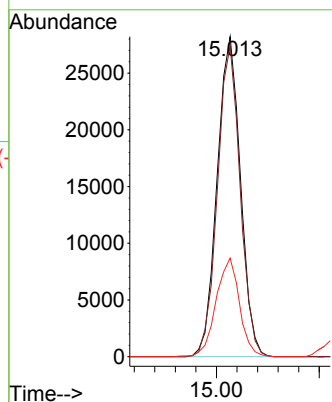
Tgt Ion:180 Resp: 44279

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.673 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

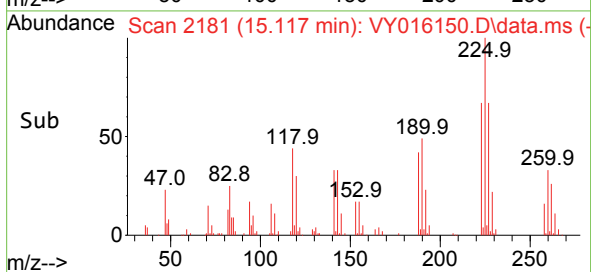
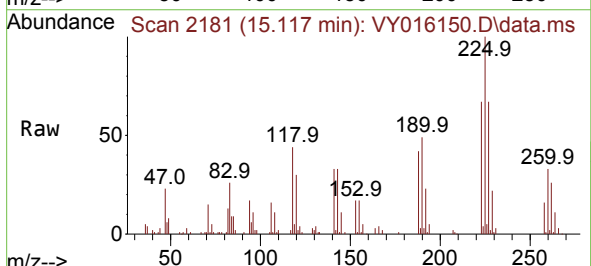
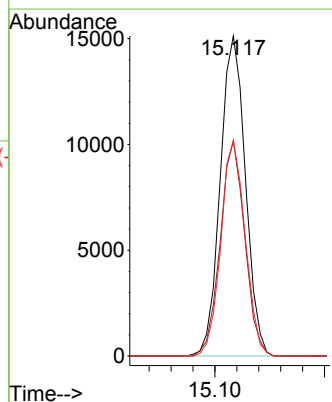
Tgt Ion:225 Resp: 24081

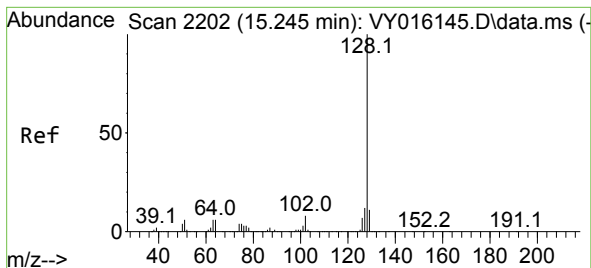
Ion Ratio Lower Upper

225 100

223 65.4 31.9 95.9

227 65.0 33.0 98.9





#95

Naphthalene

Concen: 19.919 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY016150.D

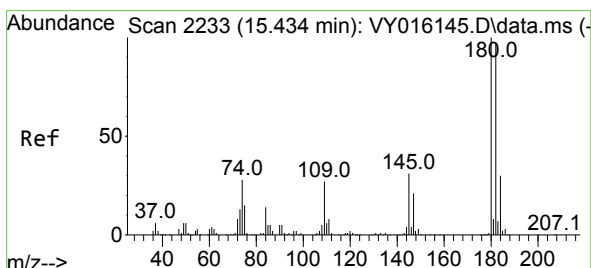
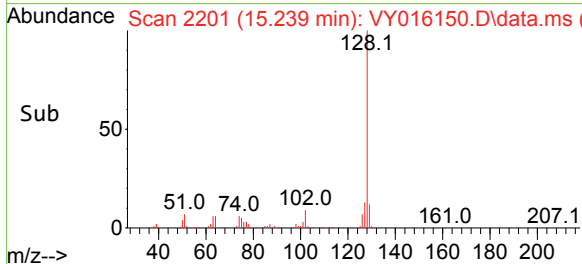
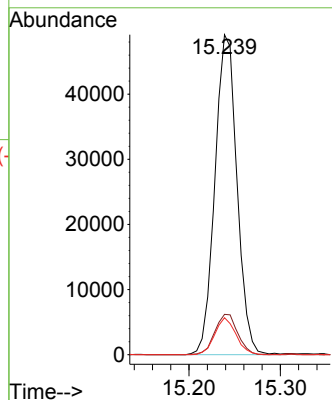
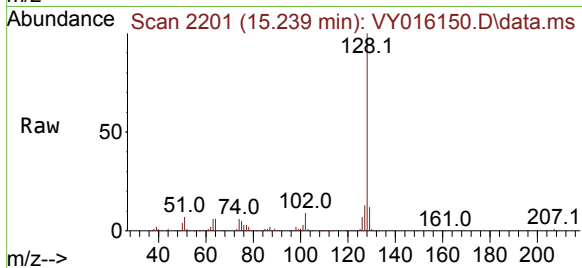
Acq: 31 Oct 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	82488
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.8 16.2
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.500 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016150.D

Acq: 31 Oct 2023 16:51

Tgt Ion:180	Resp:	37329
Ion Ratio	Lower	Upper
180	100	
182	95.4	47.3 141.8
145	32.4	15.4 46.2

