

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016145.D
 Acq On : 31 Oct 2023 13:37
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:17:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:01:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	182918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	281473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	243306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	115996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80300	46.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.820%
35) Dibromofluoromethane	7.728	113	79726	47.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.020%
50) Toluene-d8	10.191	98	325213	48.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.489	95	104720	46.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61334	52.565	ug/l	97
3) Chloromethane	2.119	50	79652	49.305	ug/l	98
4) Vinyl Chloride	2.253	62	85763	51.436	ug/l	95
5) Bromomethane	2.656	94	55187	49.044	ug/l	99
6) Chloroethane	2.796	64	58257	49.628	ug/l	92
7) Trichlorofluoromethane	3.131	101	128466	51.035	ug/l	98
8) Diethyl Ether	3.534	74	39490	47.333	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.906	101	80063	50.488	ug/l	95
10) Methyl Iodide	4.101	142	87188	49.444	ug/l	98
11) Tert butyl alcohol	4.960	59	25891	202.457	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	71262	49.235	ug/l	95
13) Acrolein	3.735	56	25310	214.190	ug/l	99
14) Allyl chloride	4.491	41	101772	49.158	ug/l #	94
15) Acrylonitrile	5.174	53	82310	230.880	ug/l	98
16) Acetone	3.954	43	62801	228.184	ug/l	100
17) Carbon Disulfide	4.204	76	185648	51.375	ug/l	98
18) Methyl Acetate	4.485	43	63014	45.779	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	195903	47.583	ug/l	100
20) Methylene Chloride	4.729	84	84034	48.158	ug/l	88
21) trans-1,2-Dichloroethene	5.235	96	83683	49.635	ug/l	92
22) Diisopropyl ether	6.131	45	241473	48.222	ug/l	89
23) Vinyl Acetate	6.070	43	585392	238.101	ug/l #	94
24) 1,1-Dichloroethane	6.033	63	145255	48.468	ug/l	96
25) 2-Butanone	6.996	43	103566	219.317	ug/l	94
26) 2,2-Dichloropropane	6.990	77	141922	50.096	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	96673	48.724	ug/l	93
28) Bromochloromethane	7.344	49	55510	49.498	ug/l	87
29) Tetrahydrofuran	7.356	42	68645	231.897	ug/l	89
30) Chloroform	7.515	83	159284	48.818	ug/l	96
31) Cyclohexane	7.795	56	126235	47.977	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	148608	49.664	ug/l	98
36) 1,1-Dichloropropene	7.929	75	121040	49.952	ug/l	98
37) Ethyl Acetate	7.082	43	50782	47.053	ug/l	96
38) Carbon Tetrachloride	7.911	117	124686	51.939	ug/l	97
39) Methylcyclohexane	9.191	83	151607	52.416	ug/l	92
40) Benzene	8.173	78	340565	48.957	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	26669	42.572	ug/l	98
42) 1,2-Dichloroethane	8.246	62	93362	48.092	ug/l	95
43) Isopropyl Acetate	8.283	43	99528	46.622	ug/l #	91
44) Trichloroethene	8.953	130	101271	49.746	ug/l	98
45) 1,2-Dichloropropane	9.228	63	83359	49.812	ug/l	96
46) Dibromomethane	9.313	93	46308	48.781	ug/l	96
47) Bromodichloromethane	9.508	83	117828	48.851	ug/l	99
48) Methyl methacrylate	9.301	41	46063	47.451	ug/l	90
49) 1,4-Dioxane	9.307	88	10413	878.561	ug/l #	50
51) 4-Methyl-2-Pentanone	10.081	43	253565	238.045	ug/l	92
52) Toluene	10.252	92	224891	49.890	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	116250	48.280	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	136665	48.371	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	64149	48.039	ug/l	97
56) Ethyl methacrylate	10.520	69	84431	48.686	ug/l	87
57) 1,3-Dichloropropane	10.801	76	107688	47.371	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	198638	236.213	ug/l	92
59) 2-Hexanone	10.843	43	172783	236.709	ug/l	90
60) Dibromochloromethane	10.996	129	81161	48.447	ug/l	99
61) 1,2-Dibromoethane	11.099	107	61074	48.084	ug/l	99
64) Tetrachloroethene	10.734	164	108339	50.060	ug/l	96
65) Chlorobenzene	11.526	112	239436	49.532	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	88691	49.536	ug/l	99
67) Ethyl Benzene	11.605	91	438236	50.686	ug/l	98
68) m/p-Xylenes	11.709	106	339813	101.711	ug/l	94
69) o-Xylene	12.038	106	159435	49.981	ug/l	97
70) Styrene	12.056	104	265561	50.078	ug/l	97
71) Bromoform	12.221	173	47560	47.883	ug/l #	99
73) Isopropylbenzene	12.337	105	436825	50.203	ug/l	100
74) N-amyl acetate	12.154	43	91547	48.417	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.593	83	63688	45.998	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	91519	74.767	ug/l #	100
77) Bromobenzene	12.617	156	95161	48.299	ug/l	95
78) n-propylbenzene	12.678	91	518854	50.438	ug/l	99
79) 2-Chlorotoluene	12.764	91	283035	49.330	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	352046	49.940	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23783	47.208	ug/l	94
82) 4-Chlorotoluene	12.861	91	289175	49.082	ug/l	99
83) tert-Butylbenzene	13.087	119	319760	50.695	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	343967	49.312	ug/l	98
85) sec-Butylbenzene	13.264	105	466802	50.423	ug/l	99
86) p-Isopropyltoluene	13.379	119	388486	50.632	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	190821	48.971	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	184192	47.827	ug/l	99
89) n-Butylbenzene	13.709	91	356150	50.518	ug/l	96
90) Hexachloroethane	13.971	117	66649	50.407	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	162741	48.339	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	11474	46.305	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	102390	49.274	ug/l	99
94) Hexachlorobutadiene	15.123	225	56591	49.838	ug/l	98
95) Naphthalene	15.245	128	189386	46.914	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	85497	48.165	ug/l	99

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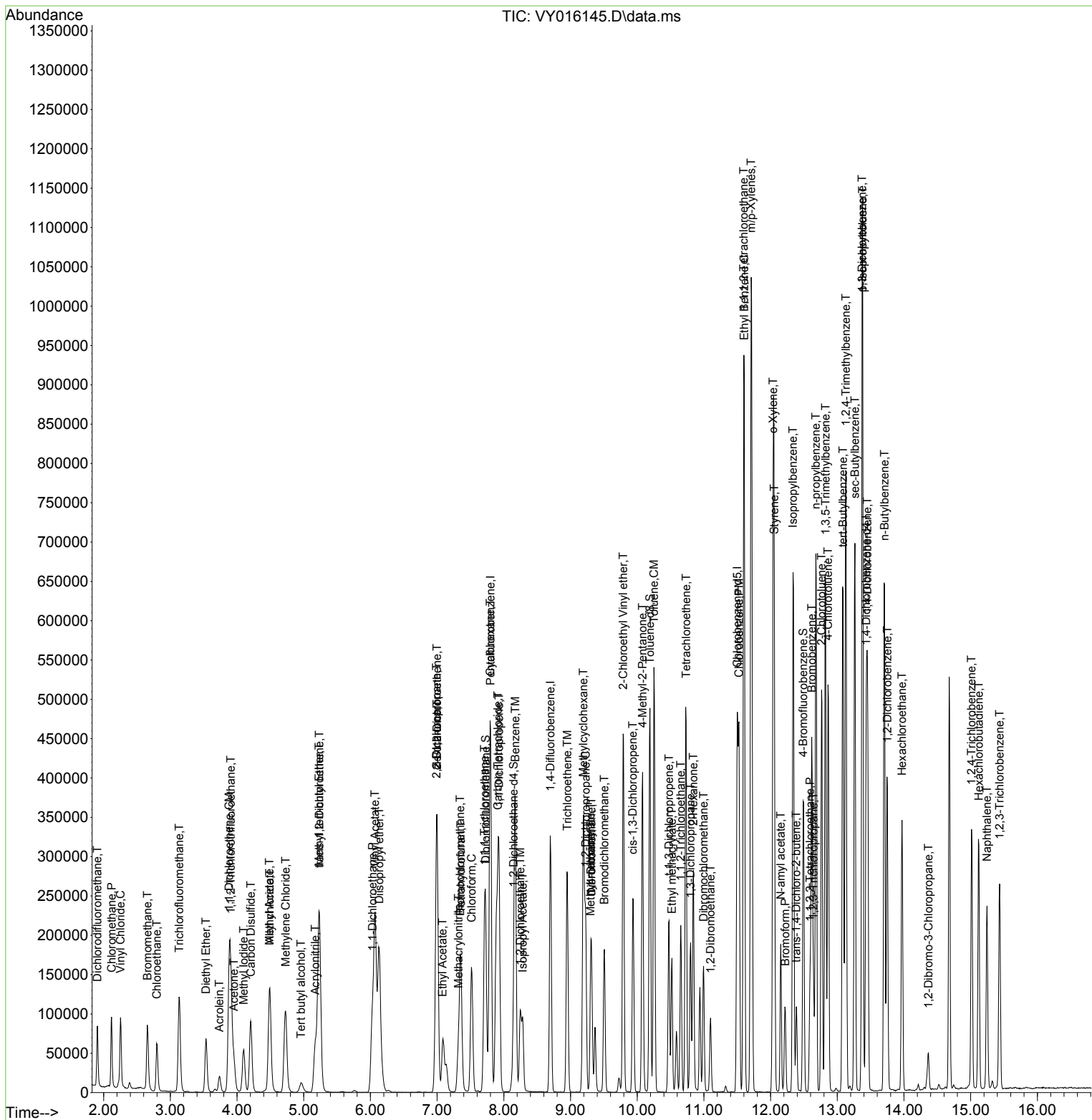
Instrument :
MSVOA_Y
ClientSampleId :

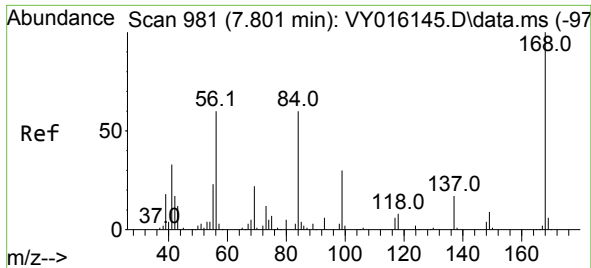
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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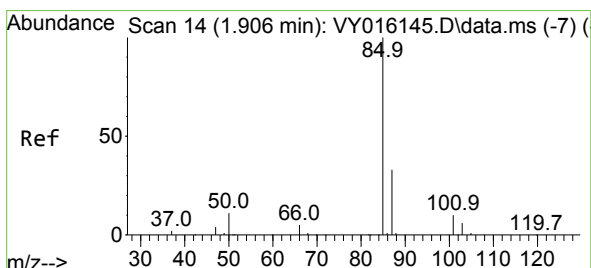
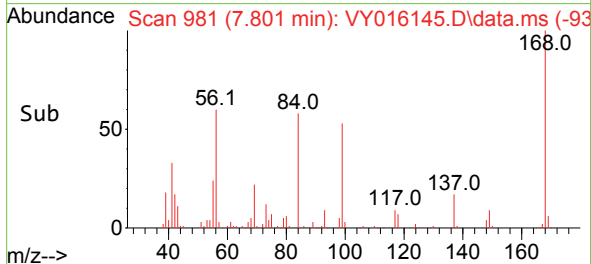
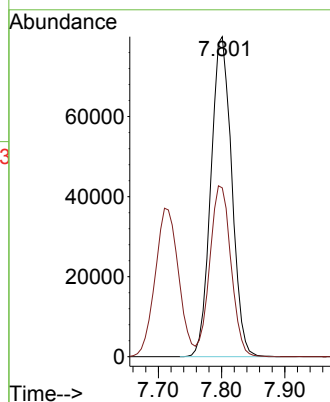
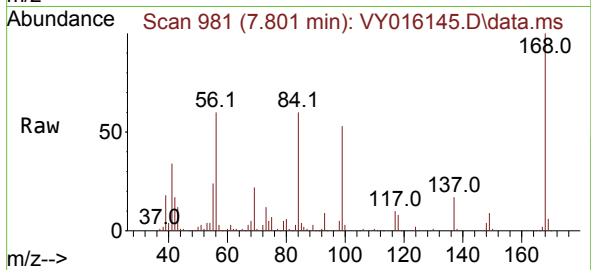




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016145.D
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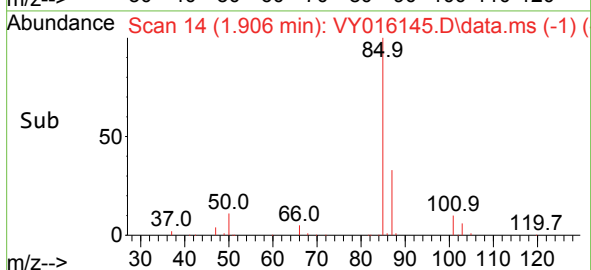
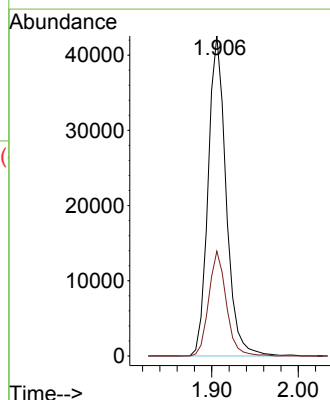
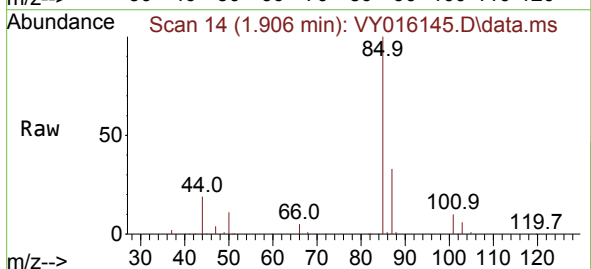
Instrument :
MSVOA_Y
ClientSampleId :

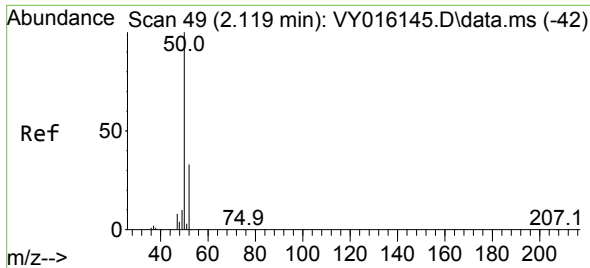
Tgt Ion:168 Resp: 182918
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 52.565 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 85 Resp: 61334
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8

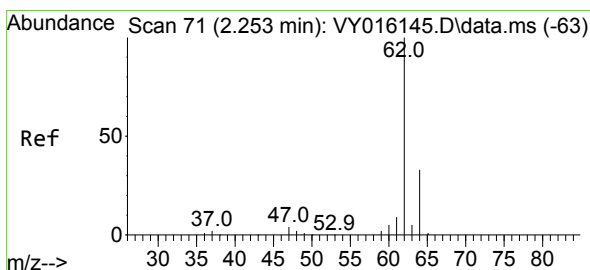
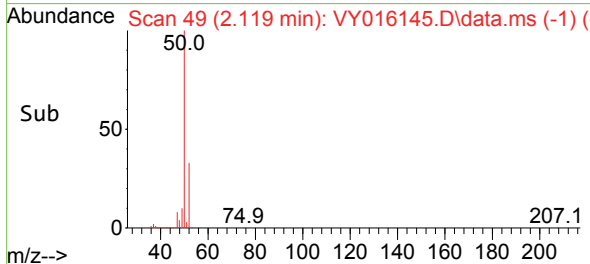
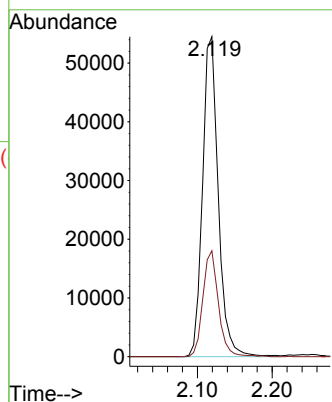
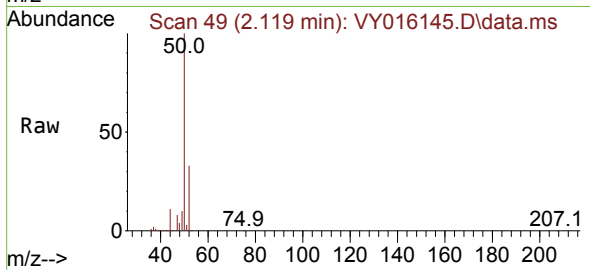




#3
Chloromethane
Concen: 49.305 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

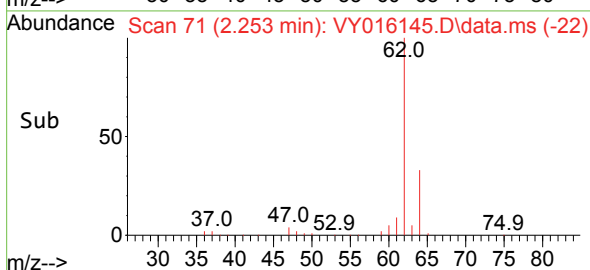
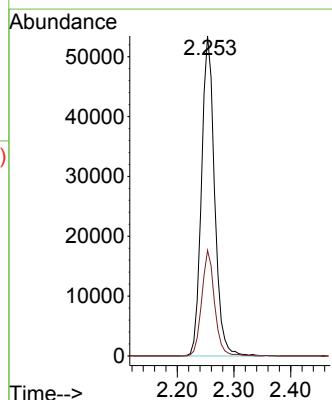
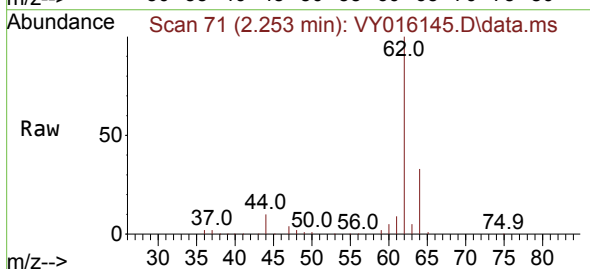
Instrument :
MSVOA_Y
ClientSampleId :

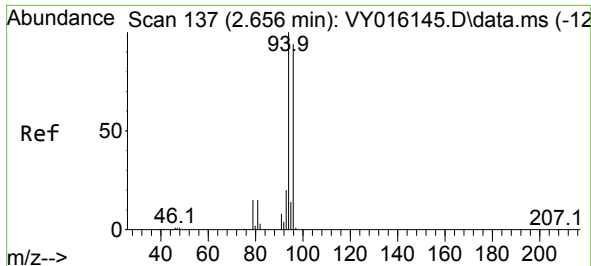
Tgt Ion: 50 Resp: 79652
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2



#4
Vinyl Chloride
Concen: 51.436 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

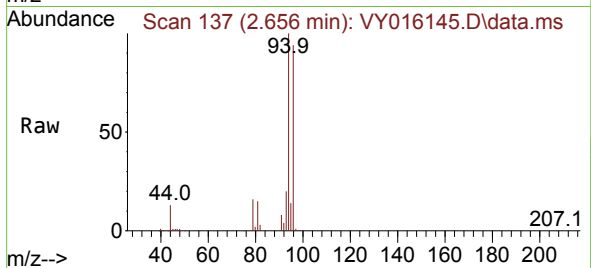
Tgt Ion: 62 Resp: 85763
Ion Ratio Lower Upper
62 100
64 33.0 24.3 36.5



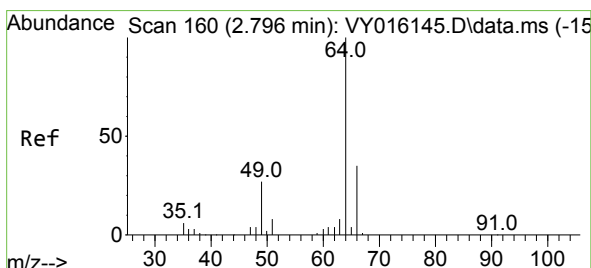
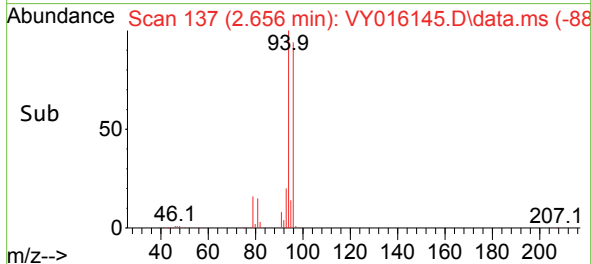
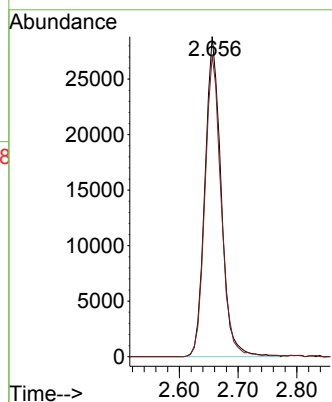


#5
Bromomethane
Concen: 49.044 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

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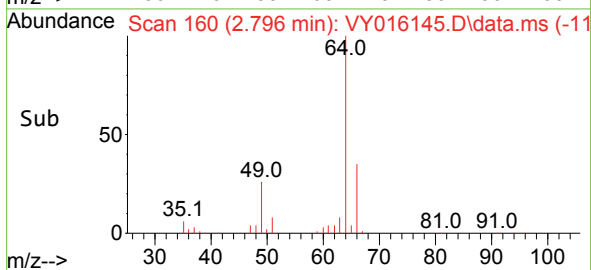
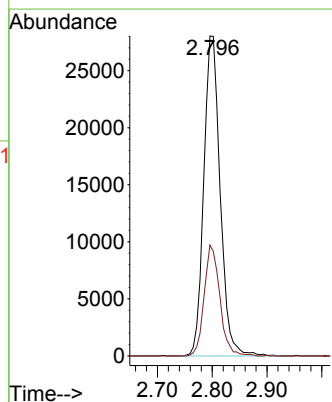
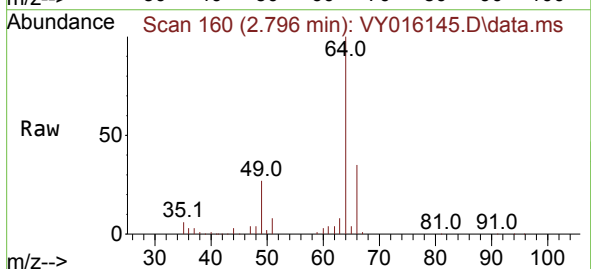


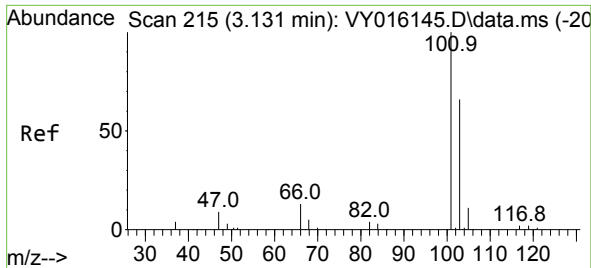
Tgt Ion: 94 Resp: 55187
Ion Ratio Lower Upper
94 100
96 94.1 75.8 113.6



#6
Chloroethane
Concen: 49.628 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016145.D
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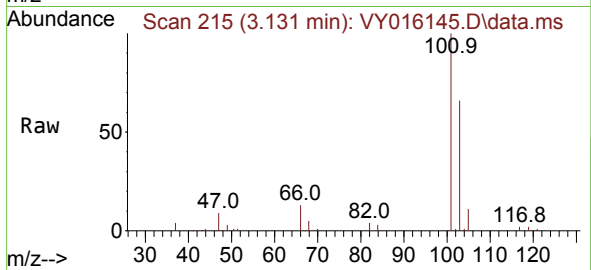
Tgt Ion: 64 Resp: 58257
Ion Ratio Lower Upper
64 100
66 34.6 24.4 36.6



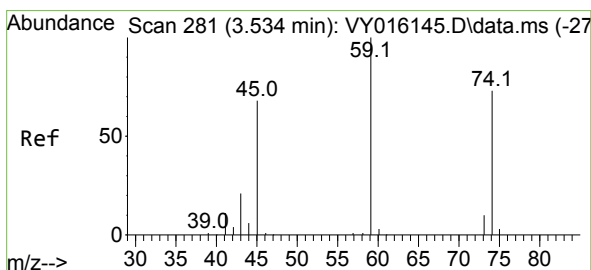
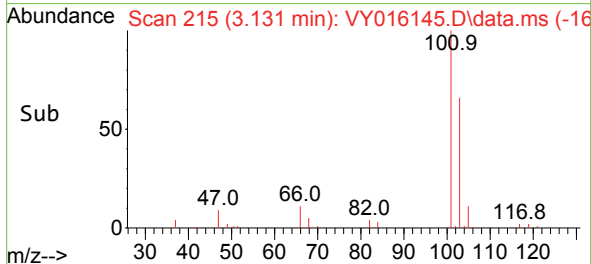
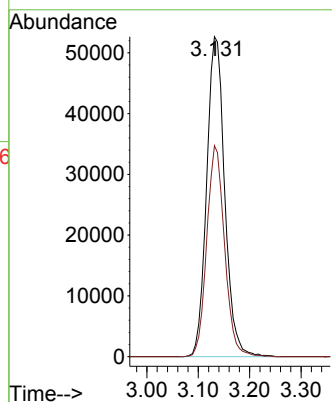


#7
 Trichlorofluoromethane
 Concen: 51.035 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY016145.D
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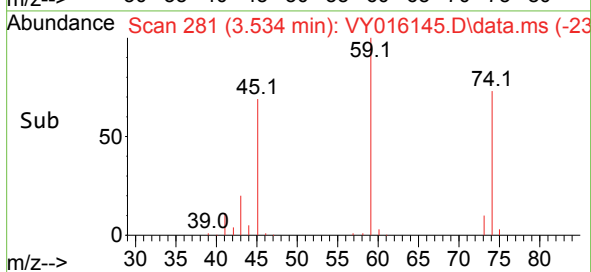
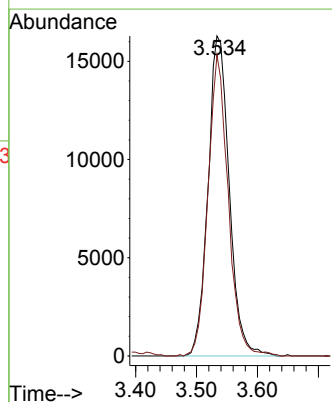
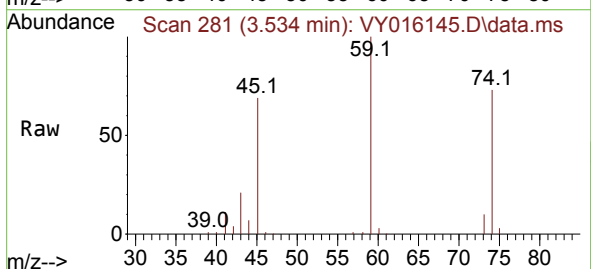


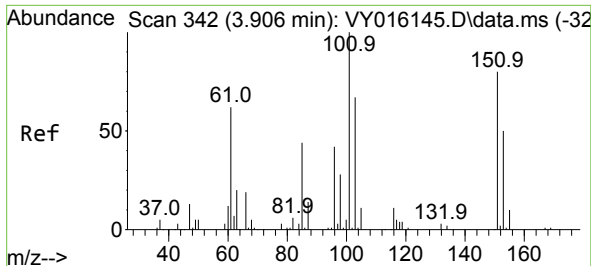
Tgt Ion:101 Resp: 128466
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 47.333 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 39490
 Ion Ratio Lower Upper
 74 100
 45 89.5 51.5 154.5

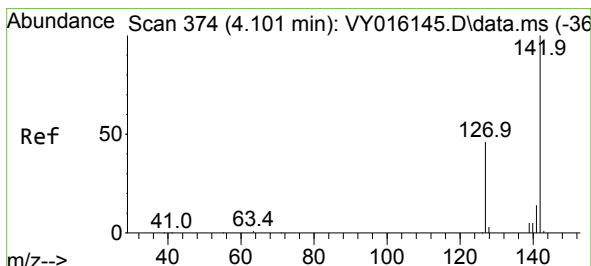
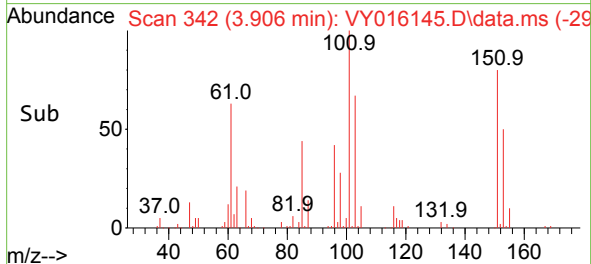
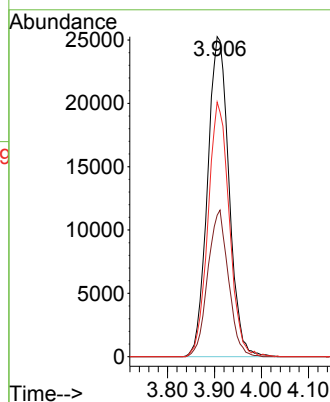
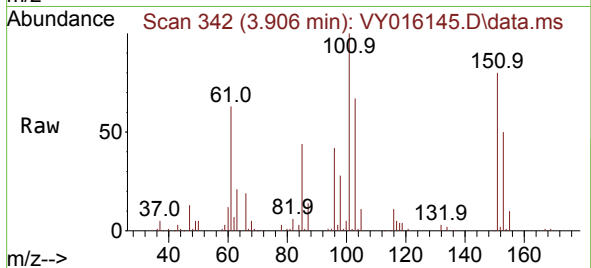




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.488 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

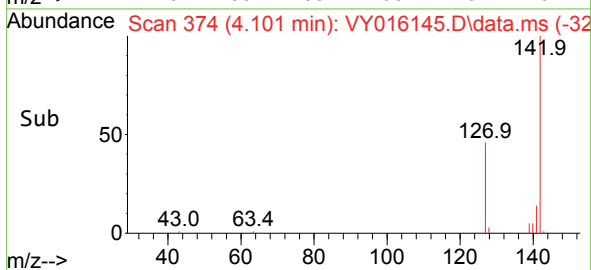
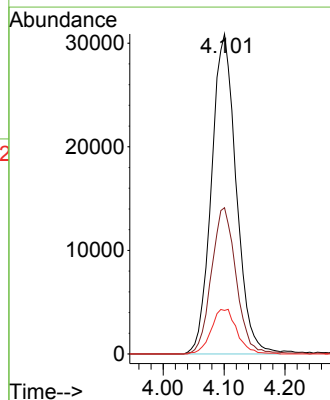
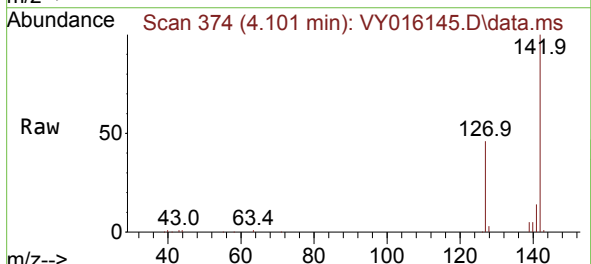
Instrument :
MSVOA_Y
ClientSampleId :

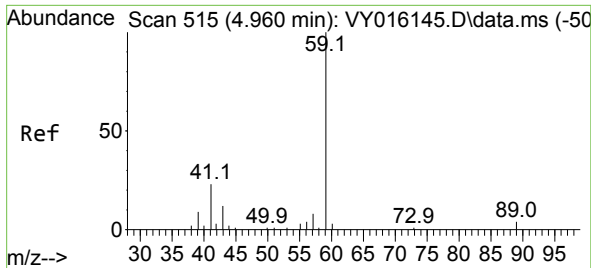
Tgt Ion:101 Resp: 80063
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 49.444 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion:142 Resp: 87188
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 14.6 11.8 17.8

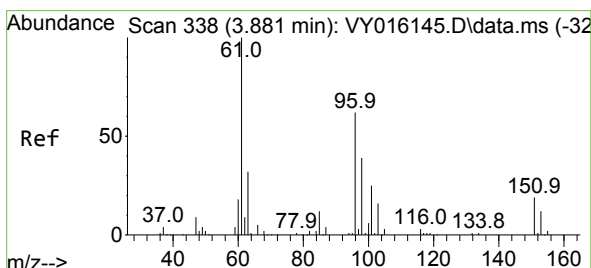
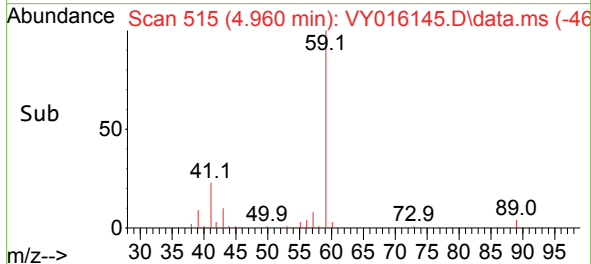
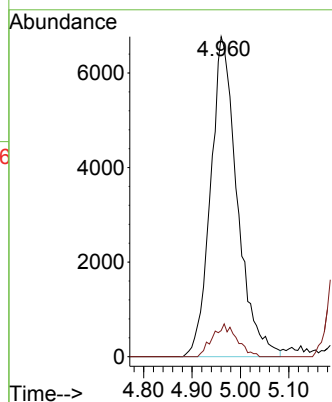
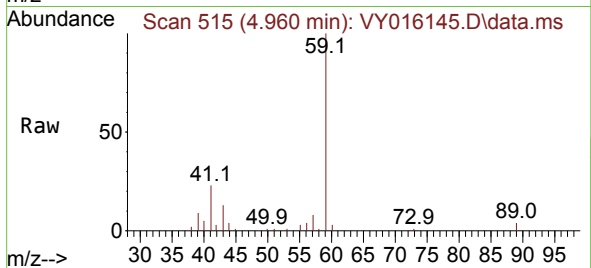




#11
Tert butyl alcohol
Concen: 202.457 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

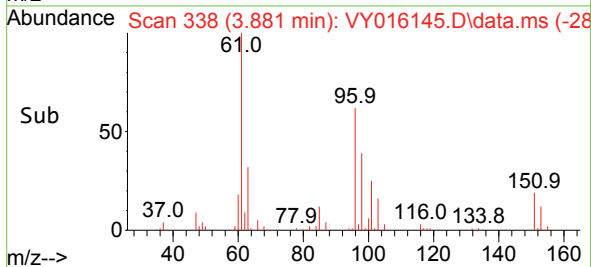
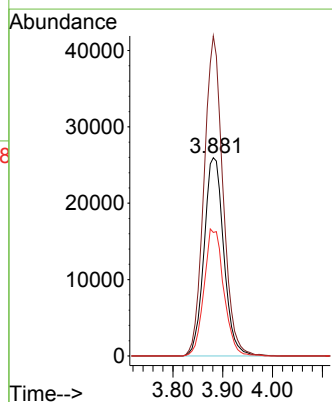
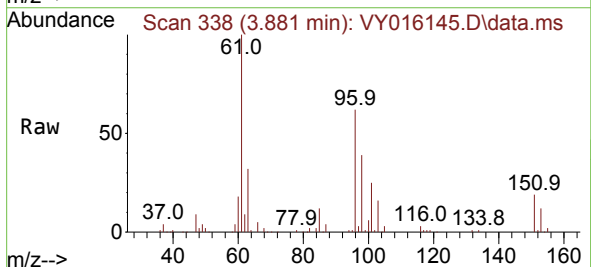
Instrument :
MSVOA_Y
ClientSampleId :

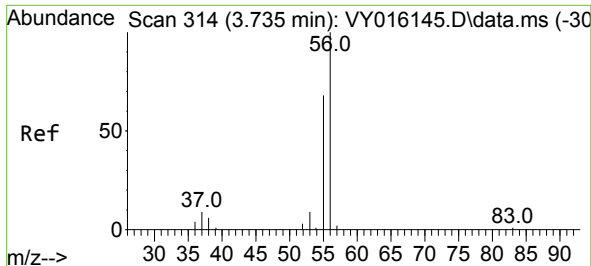
Tgt Ion: 59 Resp: 25891
Ion Ratio Lower Upper
59 100
57 9.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.235 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 96 Resp: 71262
Ion Ratio Lower Upper
96 100
61 161.4 136.4 204.6
98 62.3 49.4 74.2





#13

Acrolein

Concen: 214.190 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

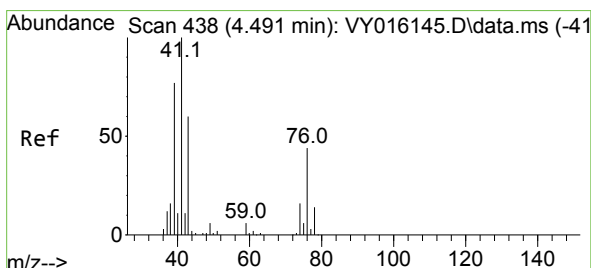
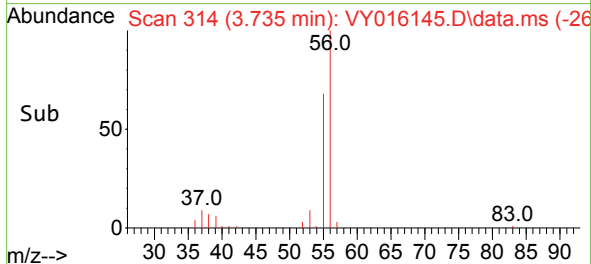
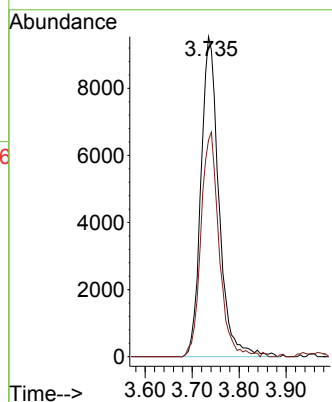
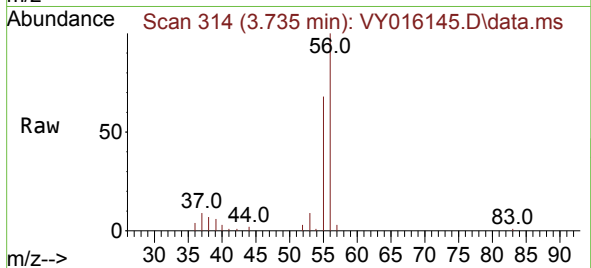
ClientSampleId :

Tgt Ion: 56 Resp: 25310

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 49.158 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

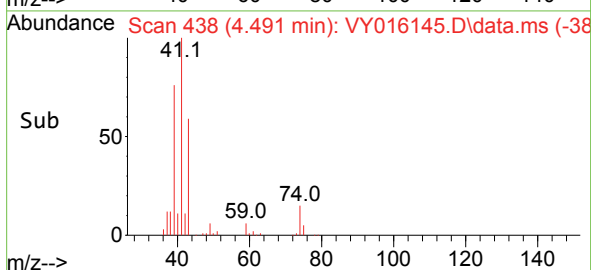
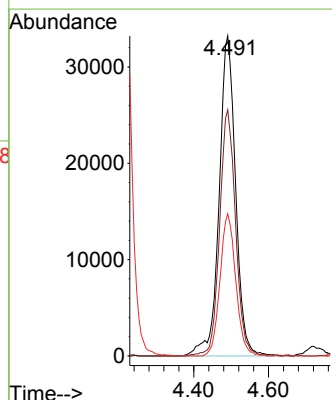
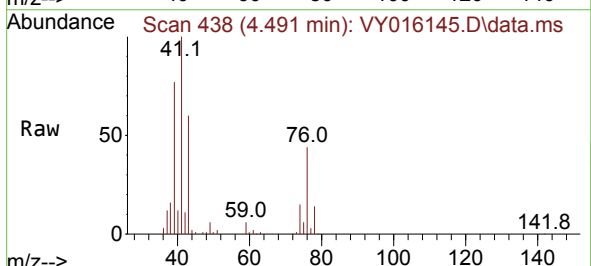
Tgt Ion: 41 Resp: 101772

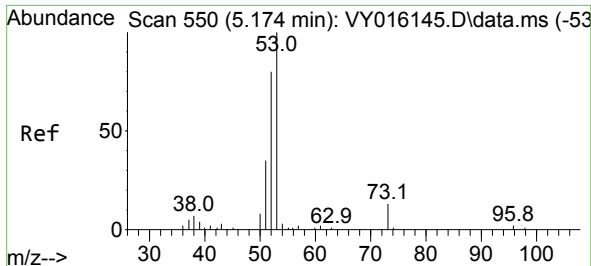
Ion Ratio Lower Upper

41 100

39 74.5 58.0 87.0

76 42.5 27.4 41.2#

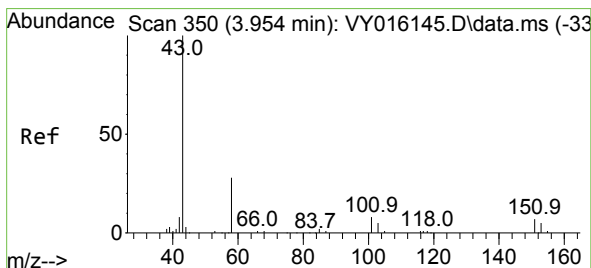
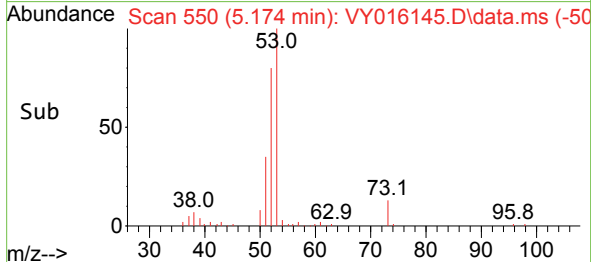
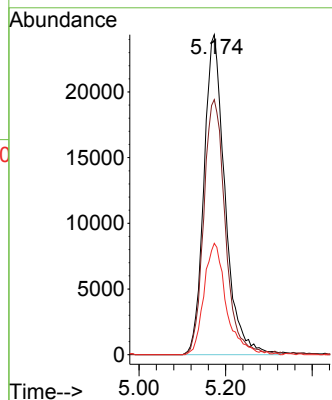
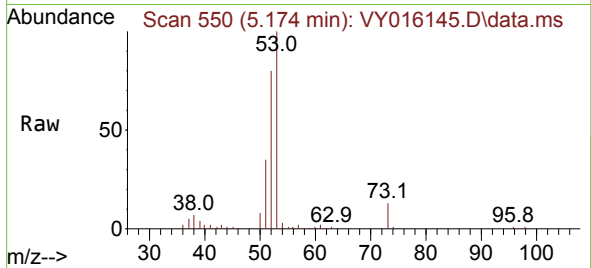




#15
Acrylonitrile
Concen: 230.880 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

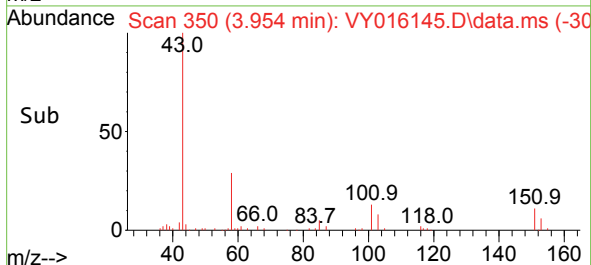
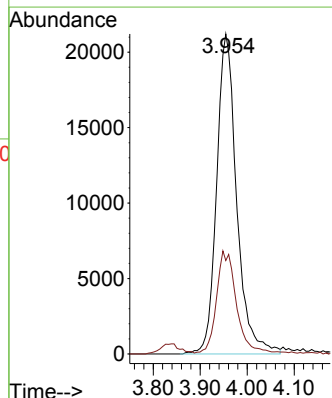
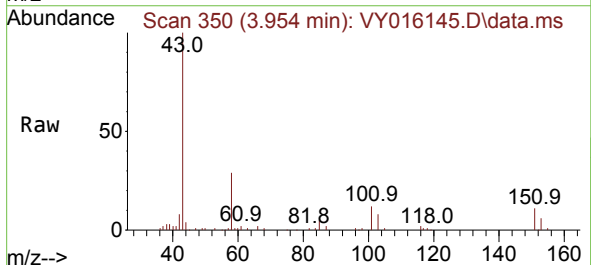
Instrument :
MSVOA_Y
ClientSampleId :

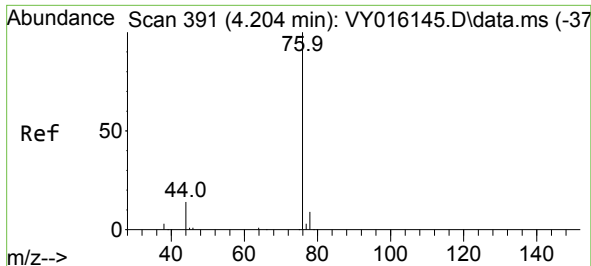
Tgt Ion: 53 Resp: 82310
Ion Ratio Lower Upper
53 100
52 81.3 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 228.184 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 43 Resp: 62801
Ion Ratio Lower Upper
43 100
58 28.6 22.7 34.1

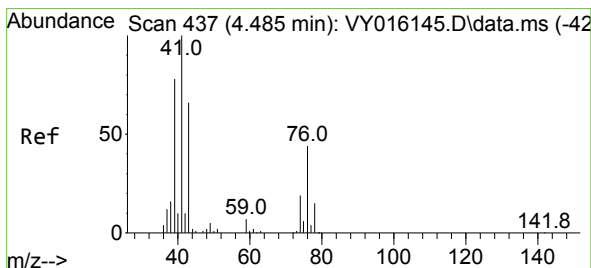
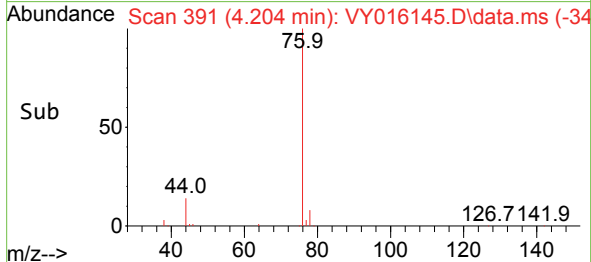
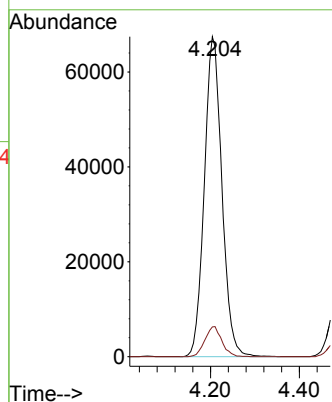
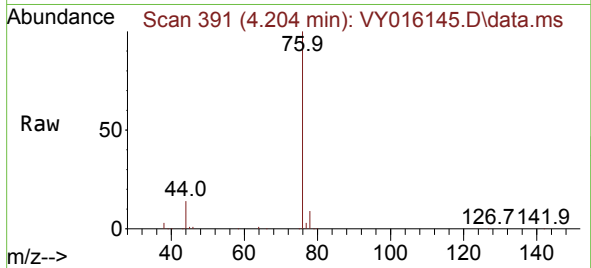




#17
Carbon Disulfide
Concen: 51.375 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

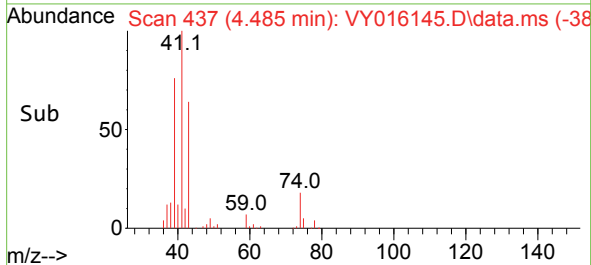
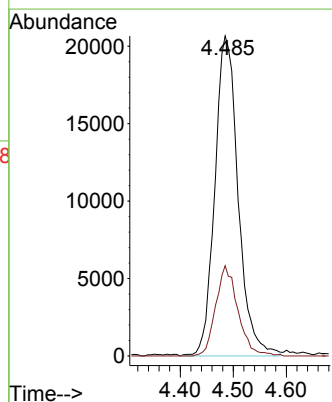
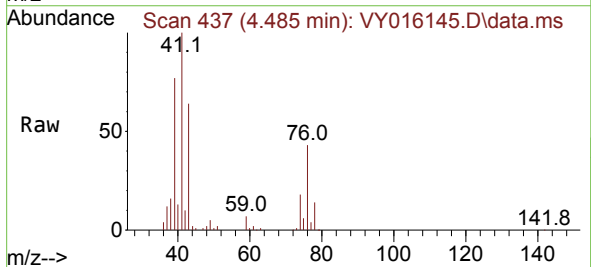
Instrument :
MSVOA_Y
ClientSampleId :

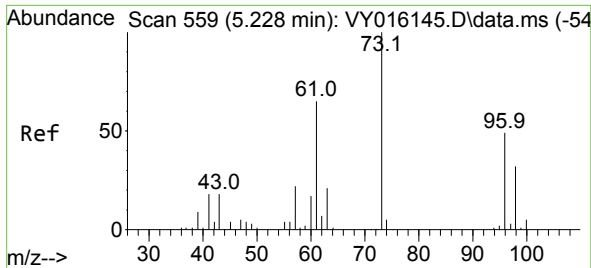
Tgt Ion: 76 Resp: 185648
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 45.779 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 43 Resp: 63014
Ion Ratio Lower Upper
43 100
74 26.9 17.4 26.0#

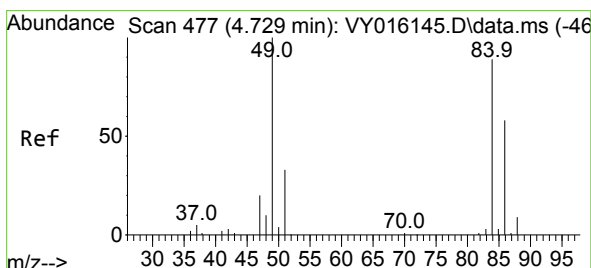
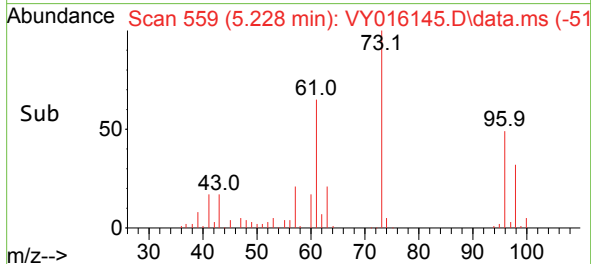
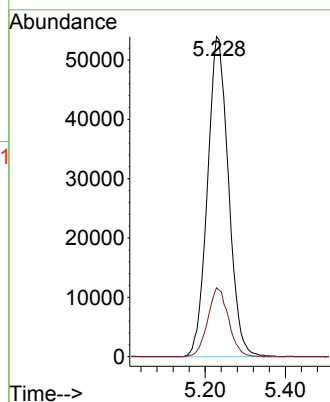
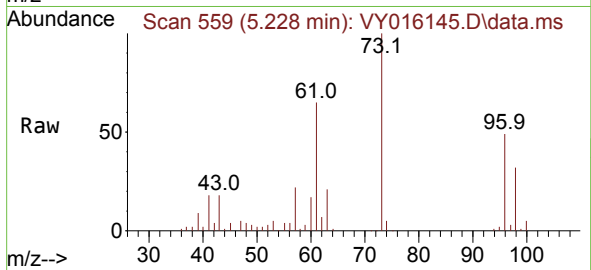




#19
Methyl tert-butyl Ether
Concen: 47.583 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

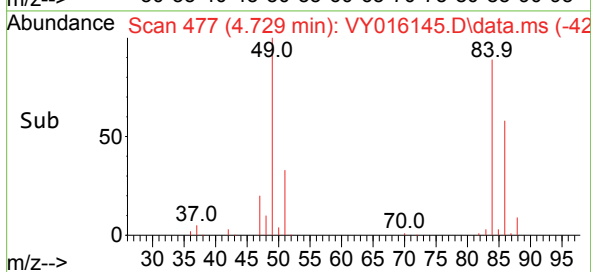
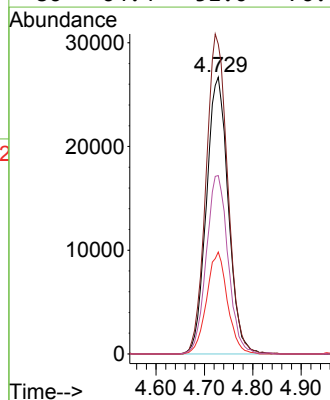
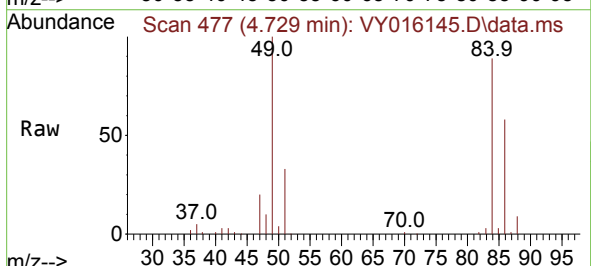
Instrument :
MSVOA_Y
ClientSampleId :

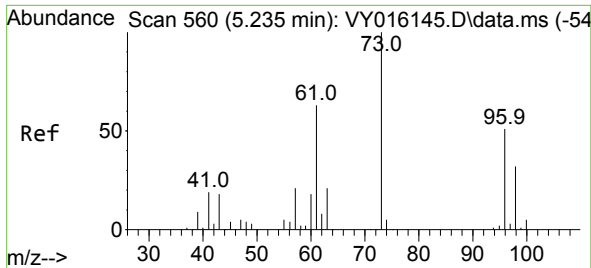
Tgt Ion: 73 Resp: 195903
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 48.158 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 84 Resp: 84034
Ion Ratio Lower Upper
84 100
49 111.9 106.9 160.3
51 36.8 33.2 49.8
86 64.4 51.0 76.6

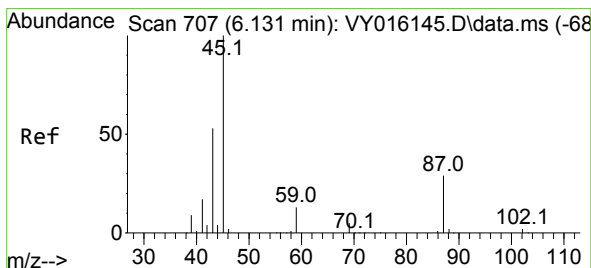
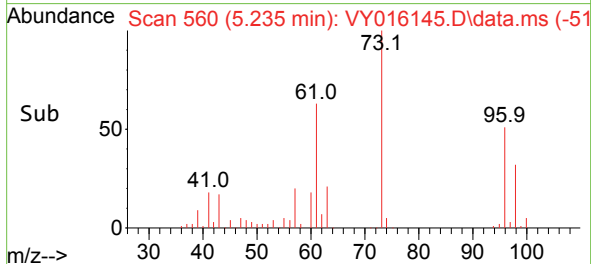
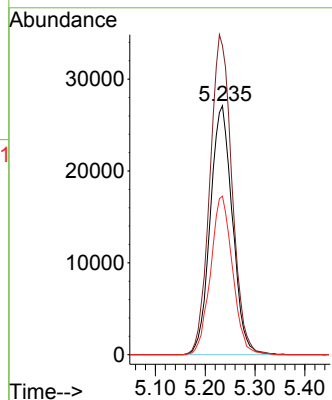
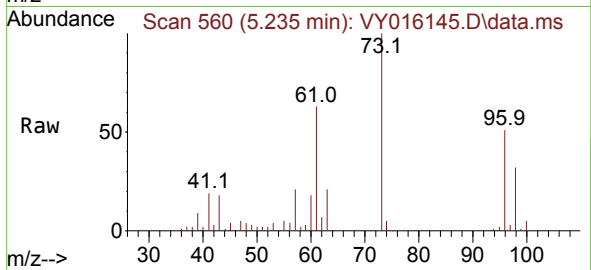




#21
trans-1,2-Dichloroethene
Concen: 49.635 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

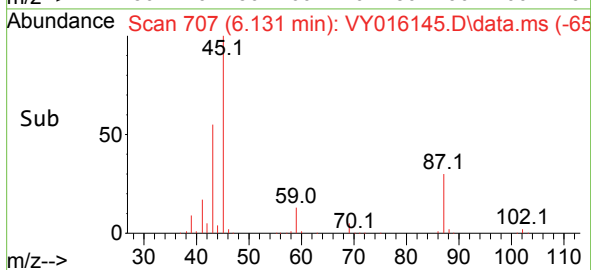
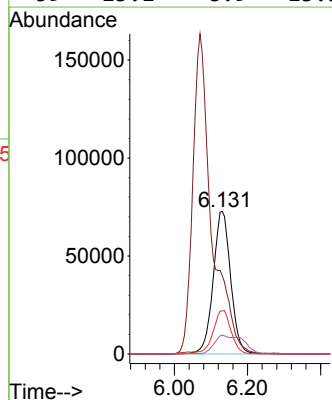
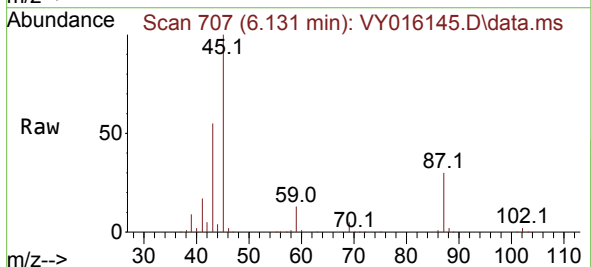
Instrument :
MSVOA_Y
ClientSampleId :

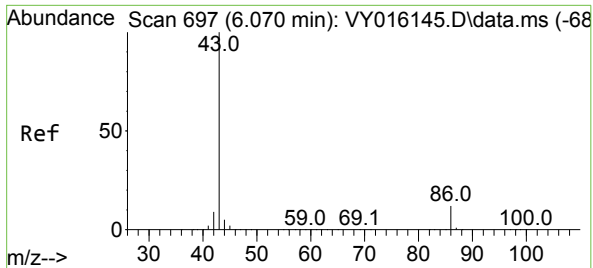
Tgt Ion: 96 Resp: 83683
Ion Ratio Lower Upper
96 100
61 124.1 110.2 165.4
98 63.7 51.8 77.6



#22
Diisopropyl ether
Concen: 48.222 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 45 Resp: 241473
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 30.2 21.0 31.6
59 13.1 8.9 13.3

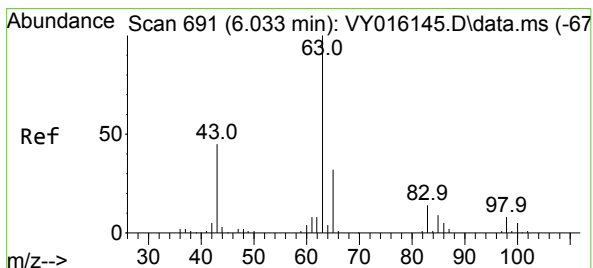
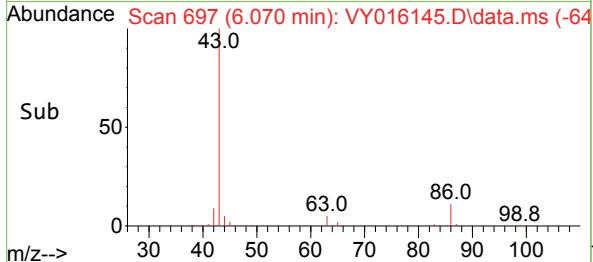
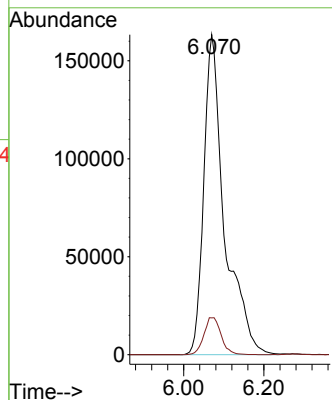
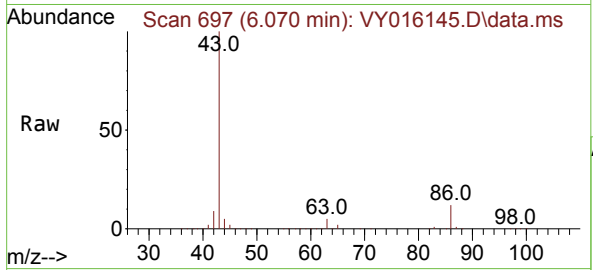




#23
 Vinyl Acetate
 Concen: 238.101 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016145.D
 Acq: 31 Oct 2023 13:37

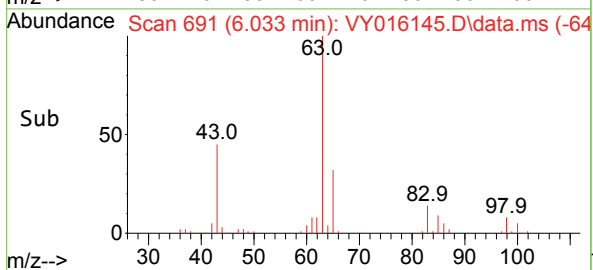
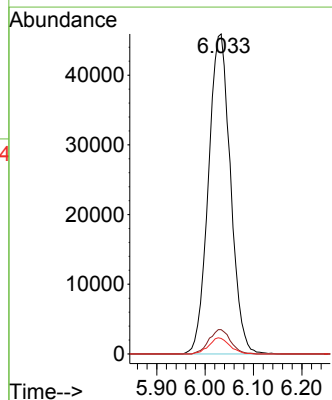
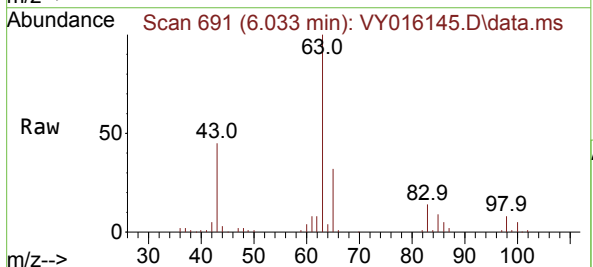
Instrument :
 MSVOA_Y
 ClientSampleId :

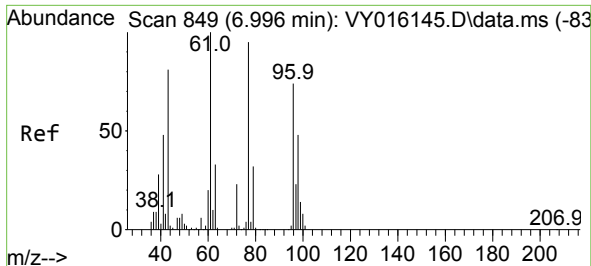
Tgt Ion: 43 Resp: 585392
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.468 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016145.D
 Acq: 31 Oct 2023 13:37

Tgt Ion: 63 Resp: 145255
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.9 1.8 5.5

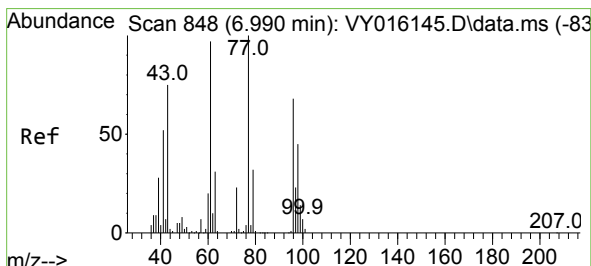
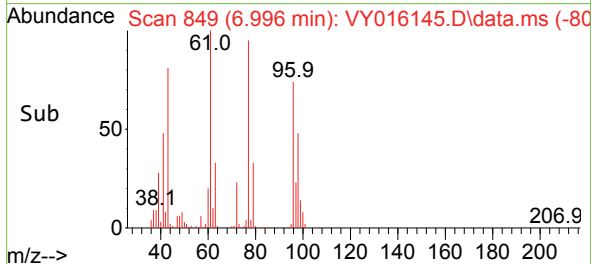
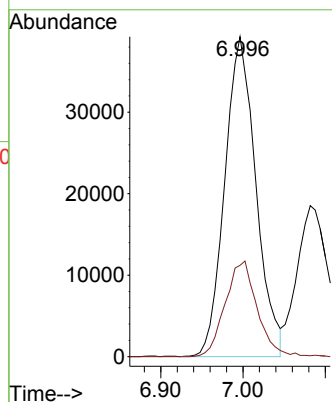
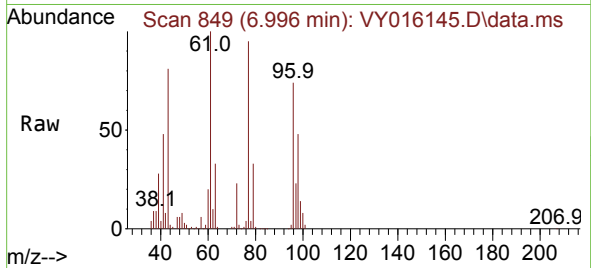




#25
2-Butanone
Concen: 219.317 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

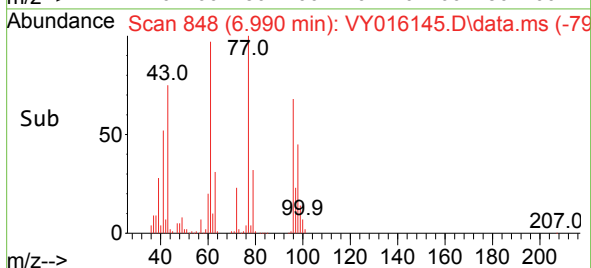
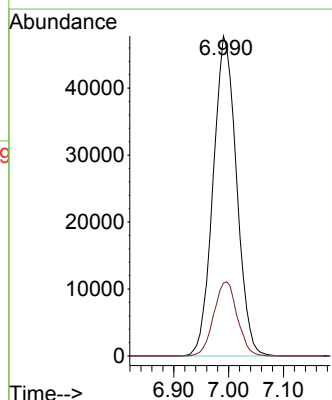
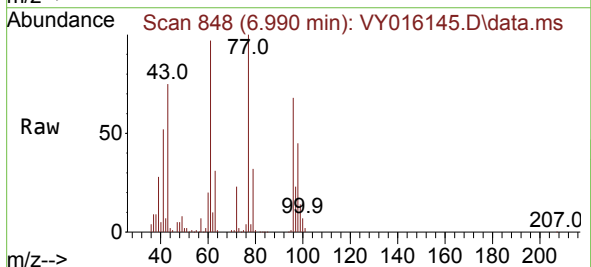
Instrument :
MSVOA_Y
ClientSampleId :

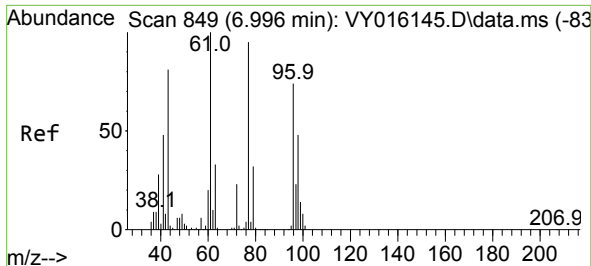
Tgt Ion: 43 Resp: 103566
Ion Ratio Lower Upper
43 100
72 28.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.096 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

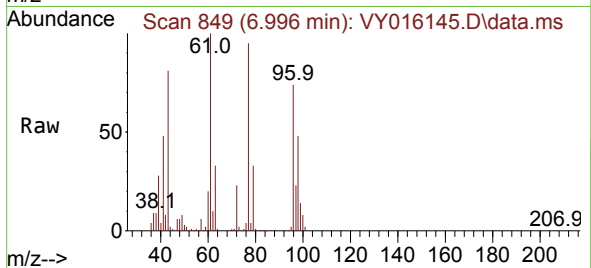
Tgt Ion: 77 Resp: 141922
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





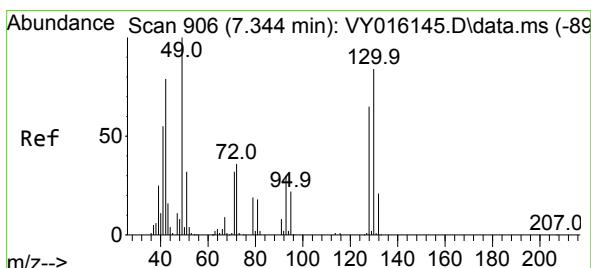
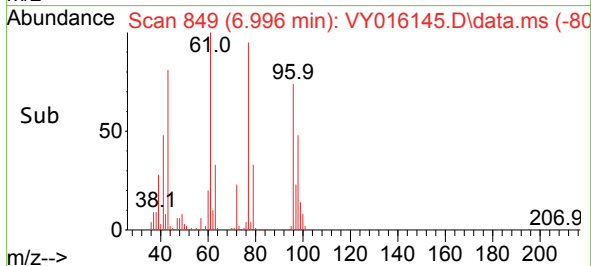
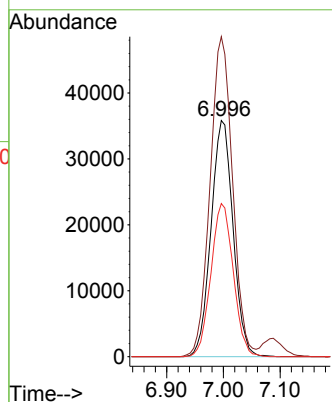
#27
 cis-1,2-Dichloroethene
 Concen: 48.724 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY016145.D
 Acq: 31 Oct 2023 13:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 96673

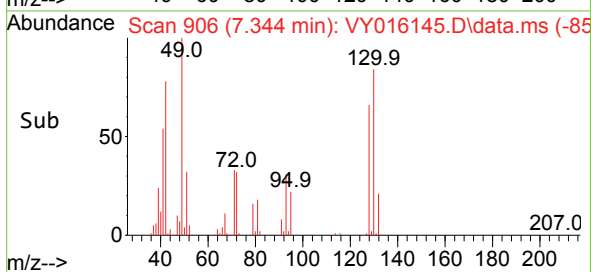
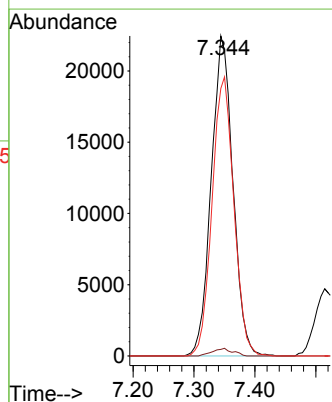
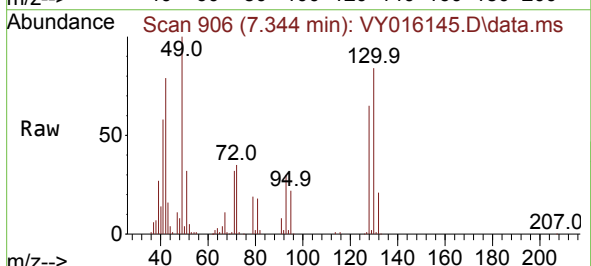
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	301.4
98	65.8	0.0	130.4

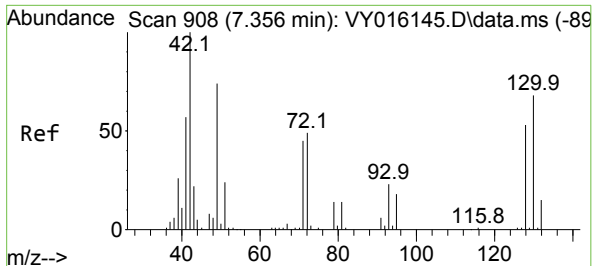


#28
 Bromochloromethane
 Concen: 49.498 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY016145.D
 Acq: 31 Oct 2023 13:37

Tgt Ion: 49 Resp: 55510

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	87.5	60.7	91.1





#29

Tetrahydrofuran

Concen: 231.897 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

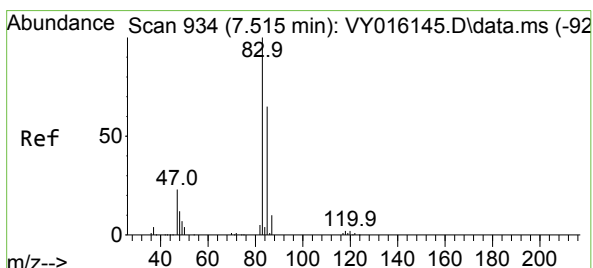
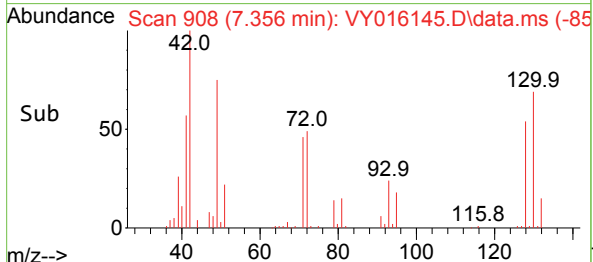
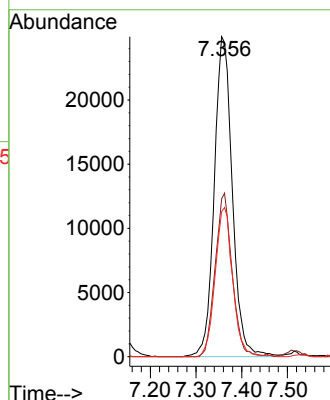
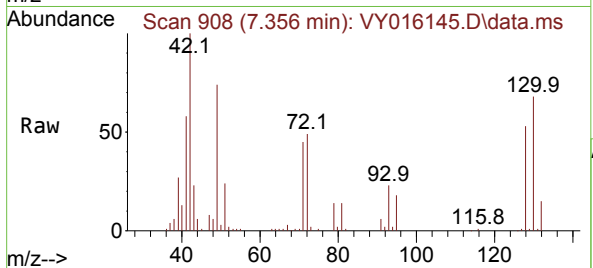
Tgt Ion: 42 Resp: 68645

Ion Ratio Lower Upper

42 100

72 47.8 32.8 49.2

71 45.0 31.0 46.4



#30

Chloroform

Concen: 48.818 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY016145.D

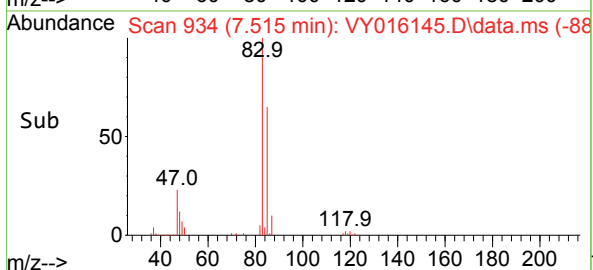
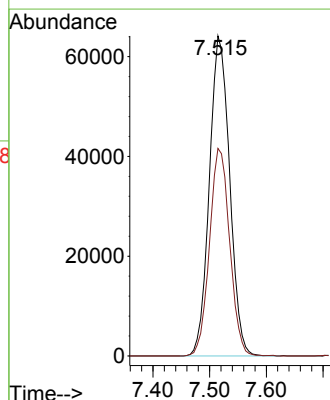
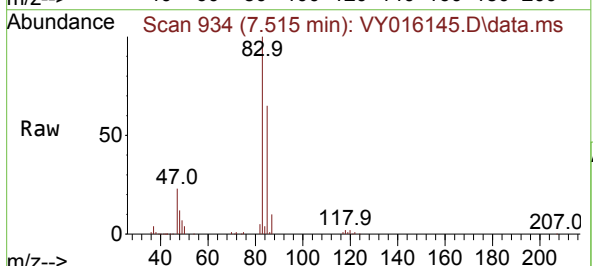
Acq: 31 Oct 2023 13:37

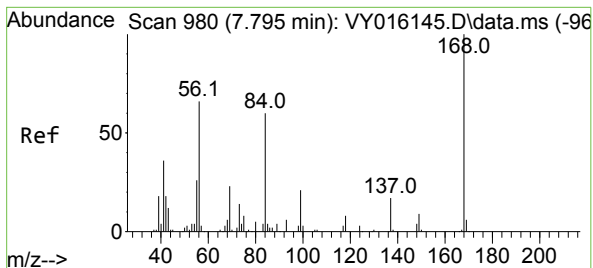
Tgt Ion: 83 Resp: 159284

Ion Ratio Lower Upper

83 100

85 64.9 49.7 74.5





#31

Cyclohexane

Concen: 47.977 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

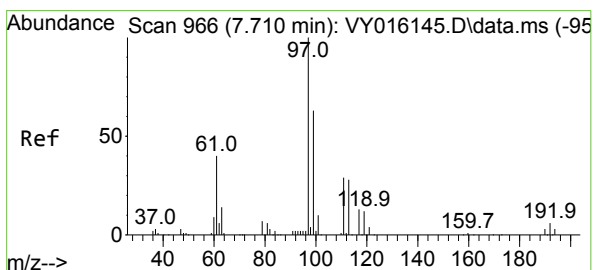
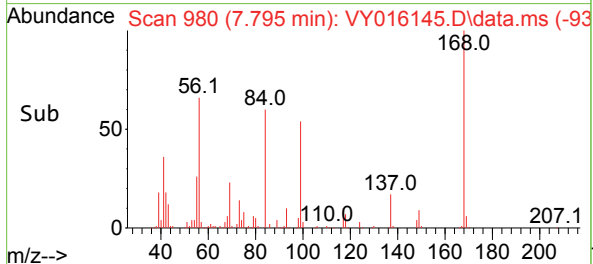
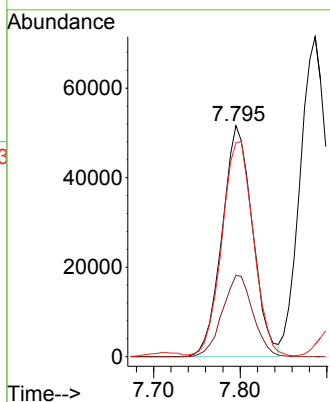
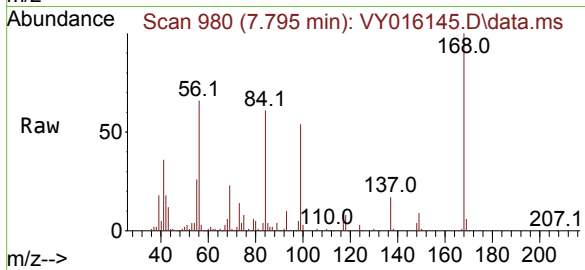
Tgt Ion: 56 Resp: 126235

Ion Ratio Lower Upper

56 100

69 35.2 27.8 41.6

84 91.1 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 49.664 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

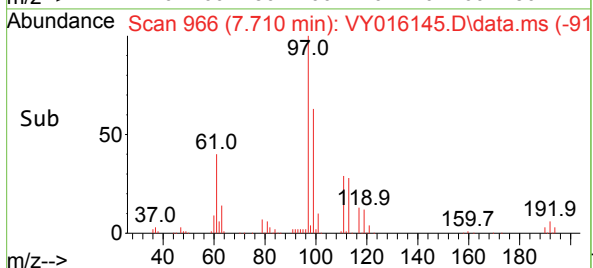
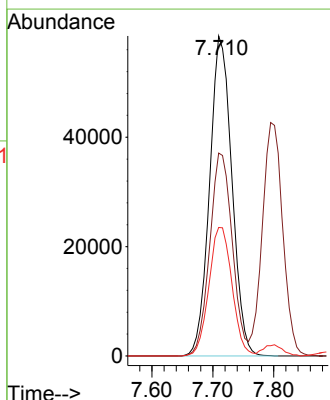
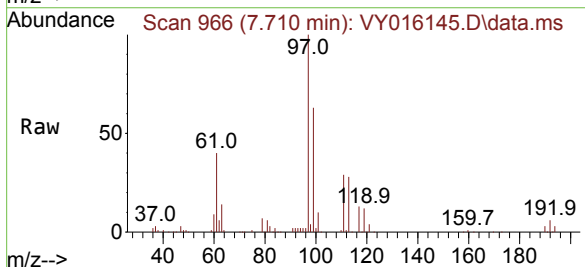
Tgt Ion: 97 Resp: 148608

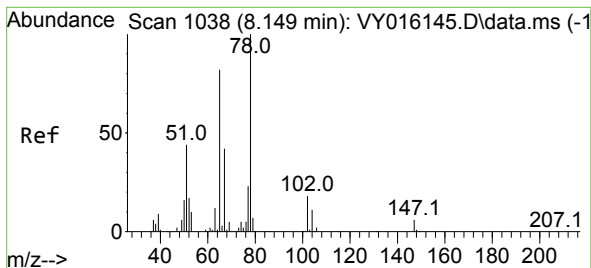
Ion Ratio Lower Upper

97 100

99 64.5 50.8 76.2

61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.915 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

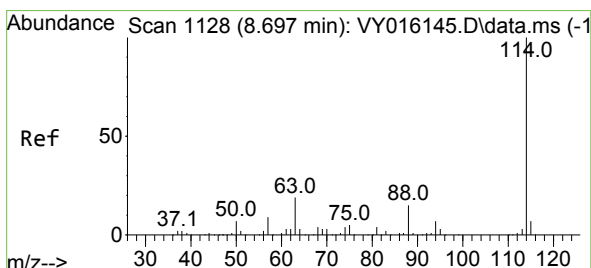
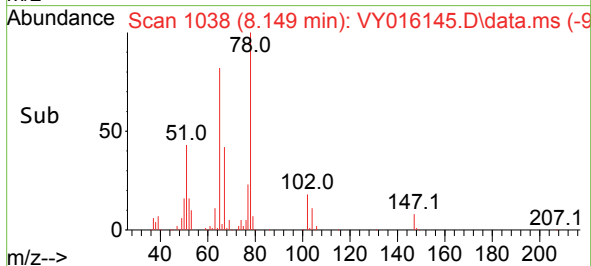
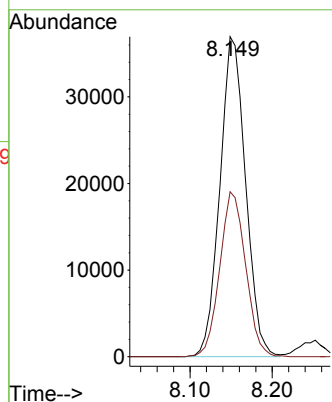
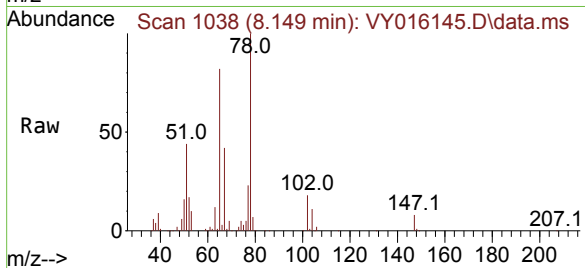
ClientSampleId :

Tgt Ion: 65 Resp: 80300

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

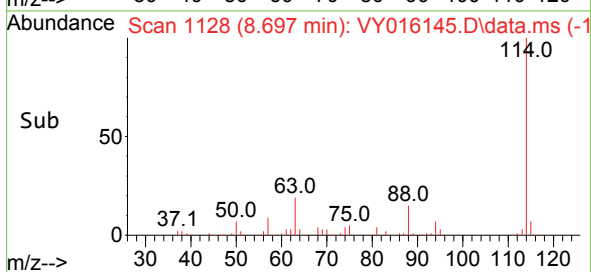
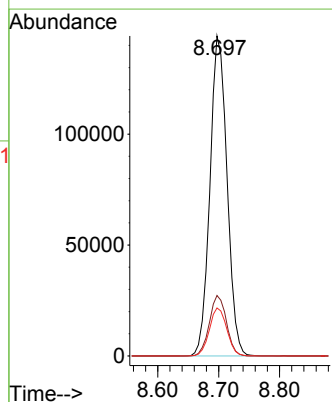
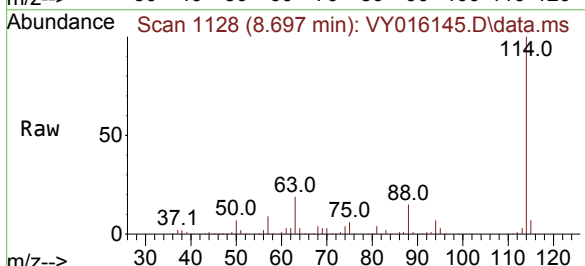
Tgt Ion: 114 Resp: 281473

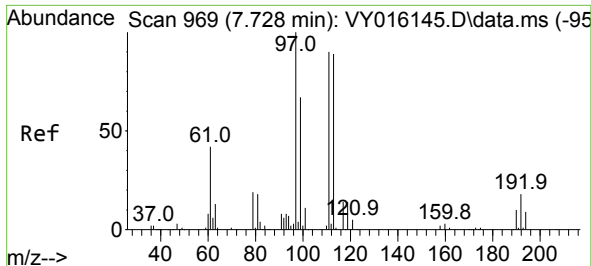
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.0 0.0 30.6

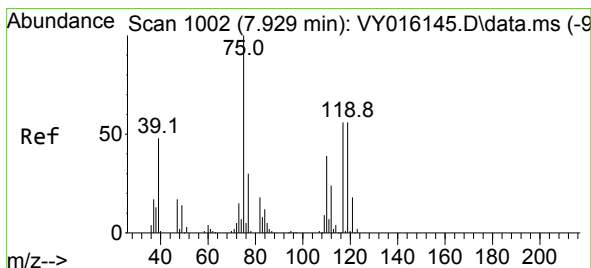
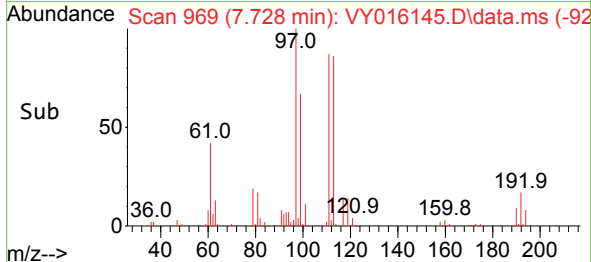
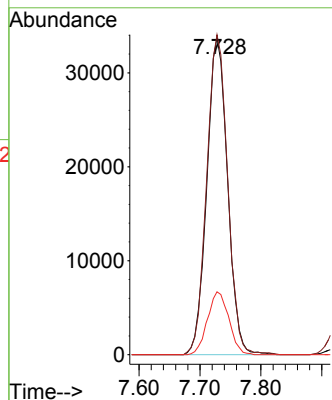
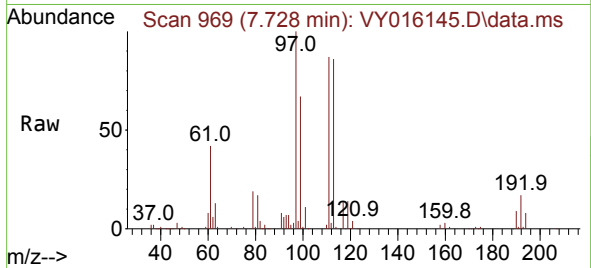




#35
Dibromofluoromethane
Concen: 47.511 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

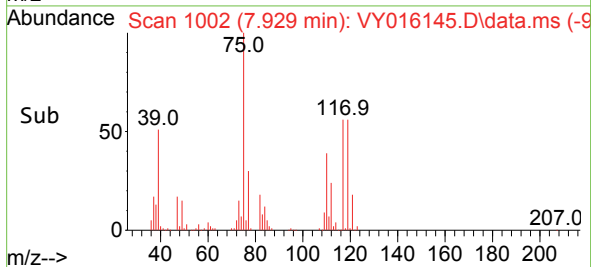
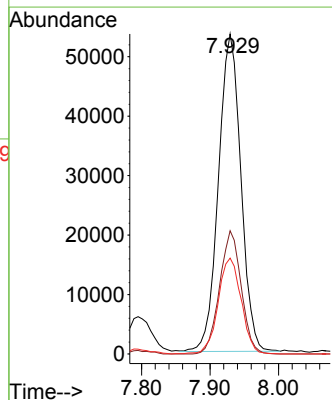
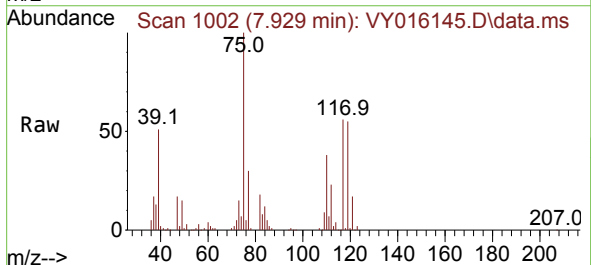
Instrument :
MSVOA_Y
ClientSampleId :

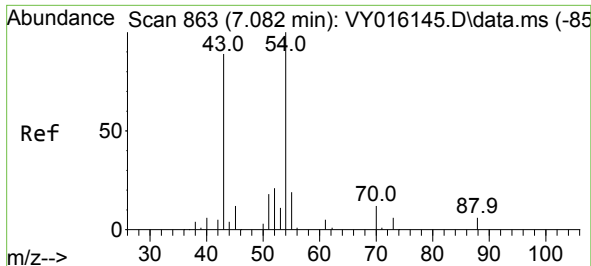
Tgt Ion:113 Resp: 79726
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.952 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 75 Resp: 121040
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 31.1 24.4 36.6

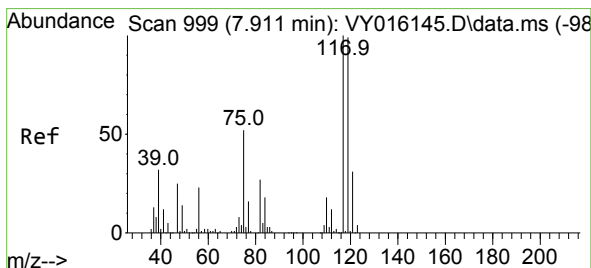
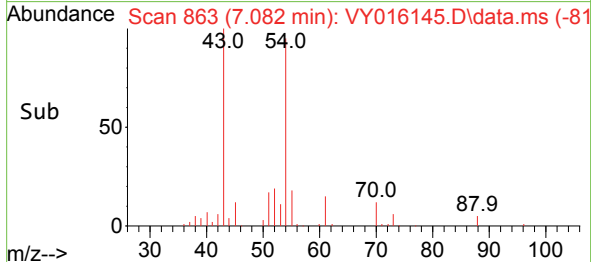
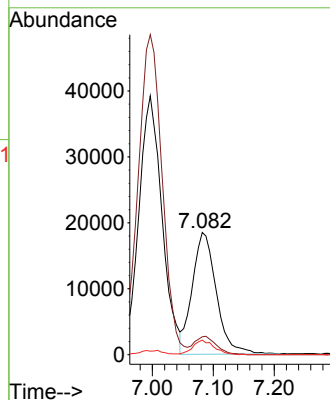
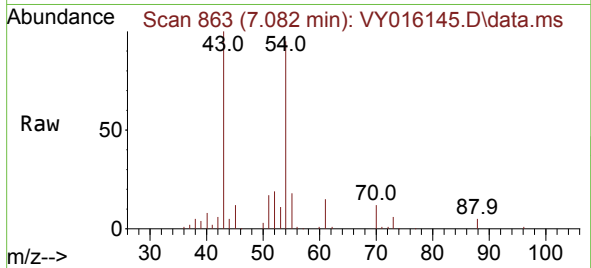




#37
Ethyl Acetate
Concen: 47.053 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

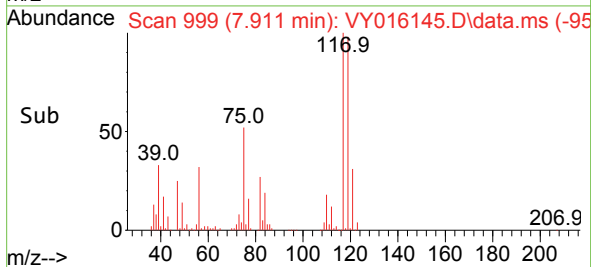
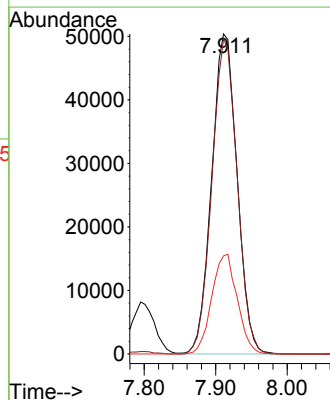
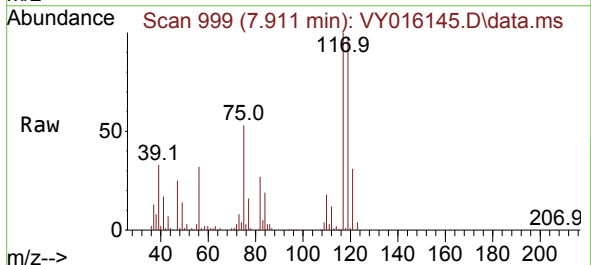
Instrument :
MSVOA_Y
ClientSampleId :

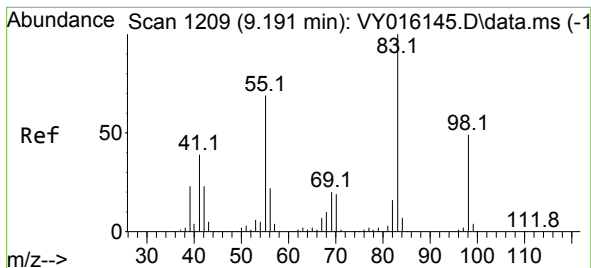
Tgt Ion: 43 Resp: 50782
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 10.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 51.939 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 117 Resp: 124686
Ion Ratio Lower Upper
117 100
119 98.5 76.4 114.6
121 30.7 25.8 38.6





#39

Methylcyclohexane

Concen: 52.416 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

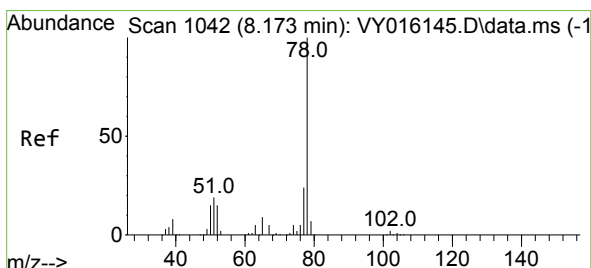
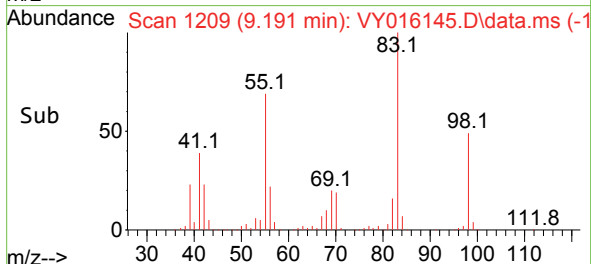
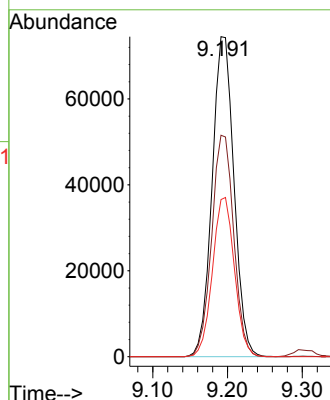
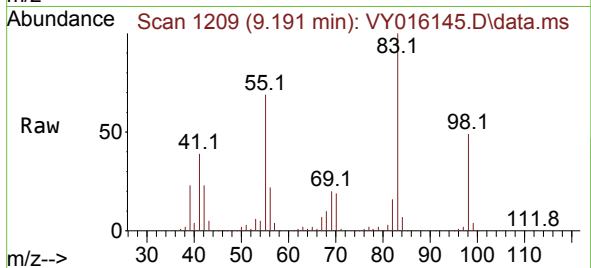
Tgt Ion: 83 Resp: 151607

Ion Ratio Lower Upper

83 100

55 69.2 63.0 94.4

98 49.1 37.4 56.2



#40

Benzene

Concen: 48.957 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016145.D

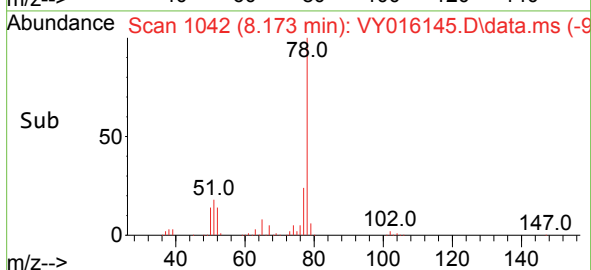
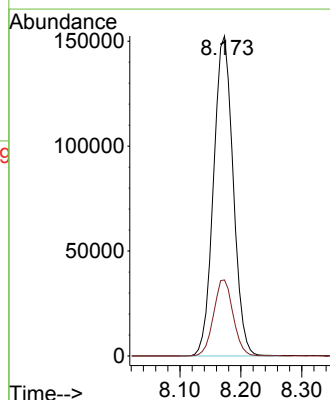
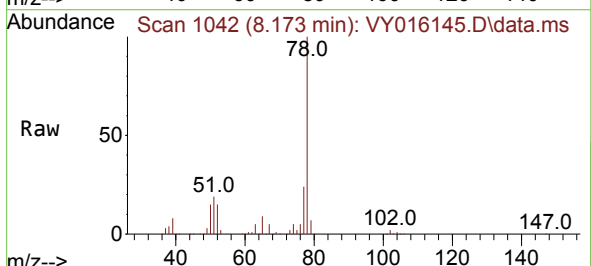
Acq: 31 Oct 2023 13:37

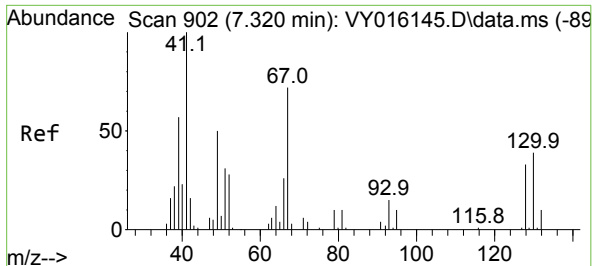
Tgt Ion: 78 Resp: 340565

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6



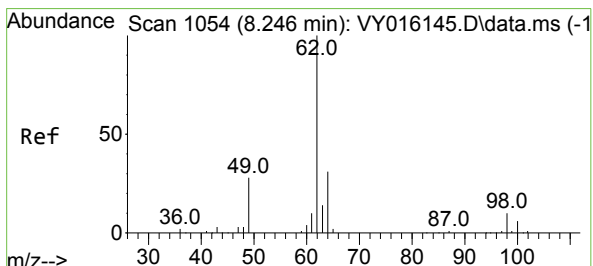
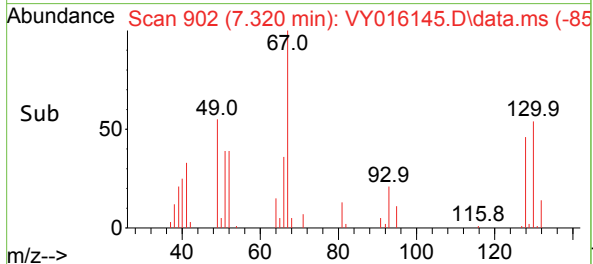
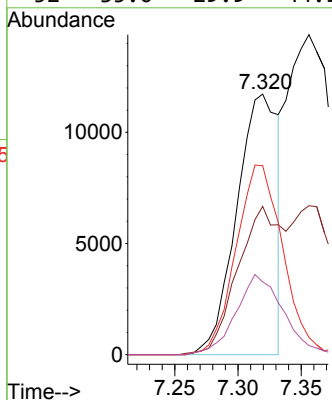
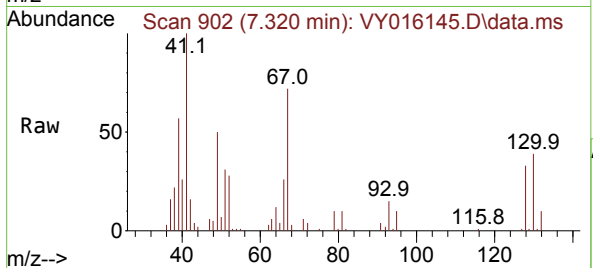


#41
Methacrylonitrile
Concen: 42.572 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 26669

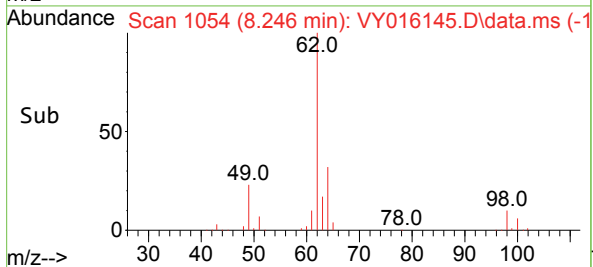
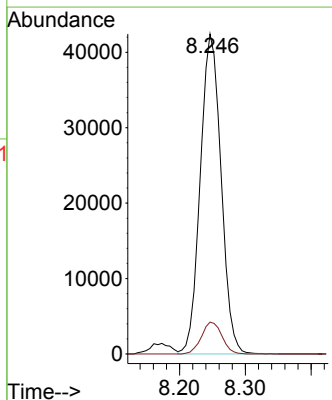
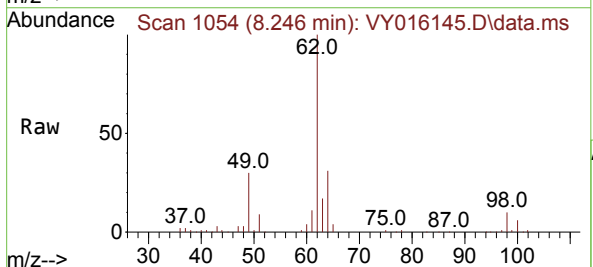
Ion	Ratio	Lower	Upper
41	100		
39	62.6	52.1	78.1
67	83.2	66.2	99.2
52	35.0	29.9	44.9

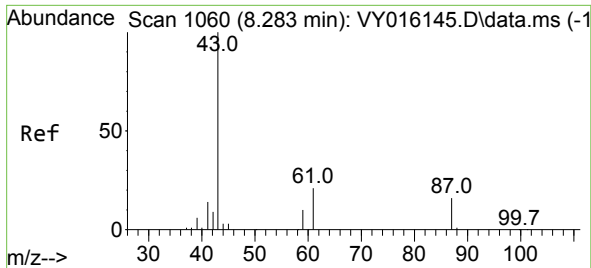


#42
1,2-Dichloroethane
Concen: 48.092 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 62 Resp: 93362

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

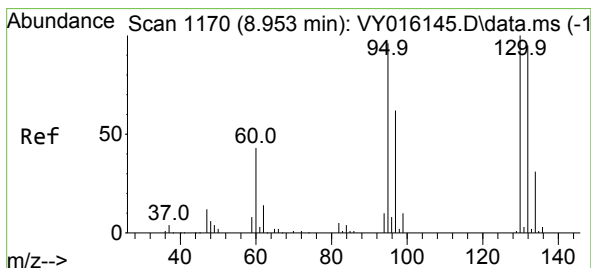
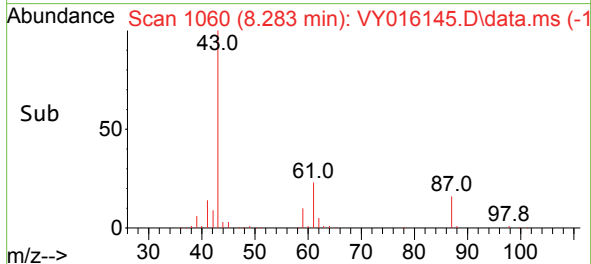
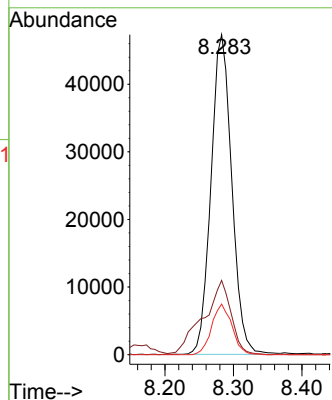
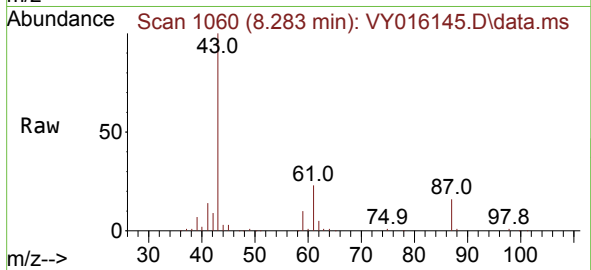




#43
Isopropyl Acetate
Concen: 46.622 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

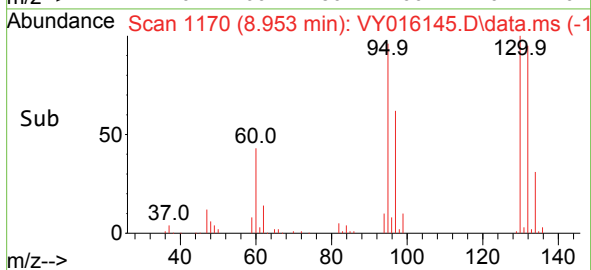
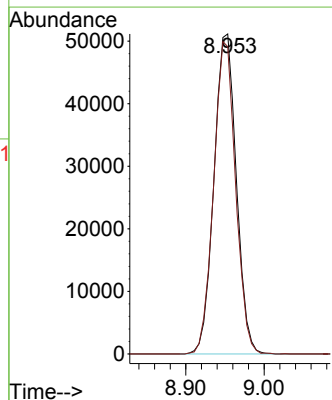
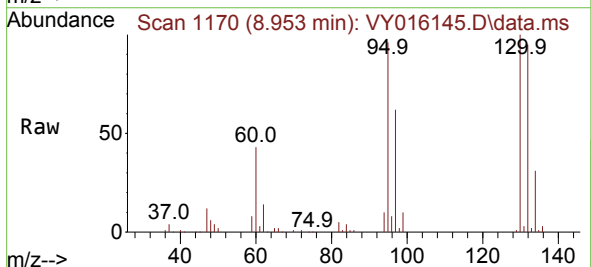
Instrument :
MSVOA_Y
ClientSampleId :

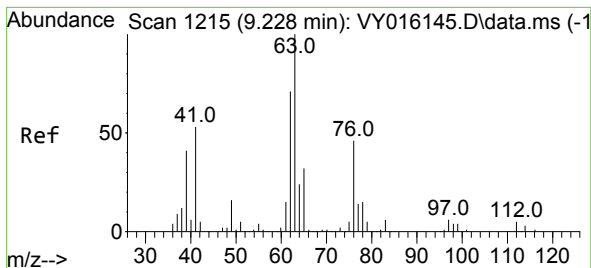
Tgt Ion: 43 Resp: 99528
Ion Ratio Lower Upper
43 100
61 31.2 21.1 31.7
87 15.4 9.8 14.8#



#44
Trichloroethene
Concen: 49.746 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion:130 Resp: 101271
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.812 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

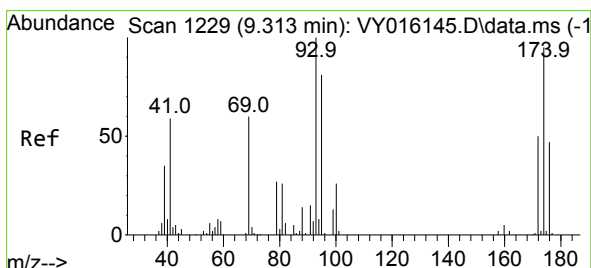
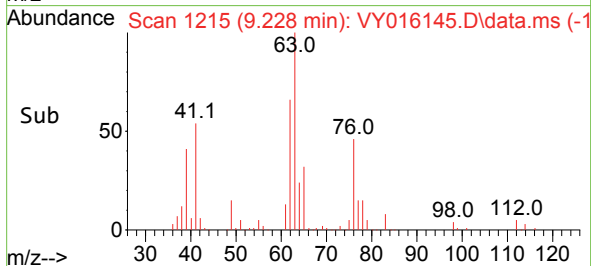
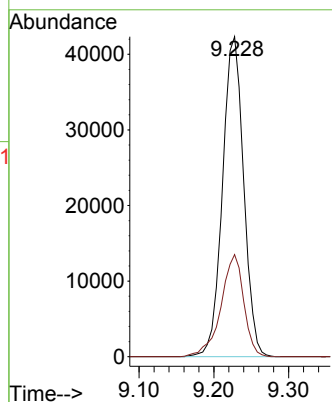
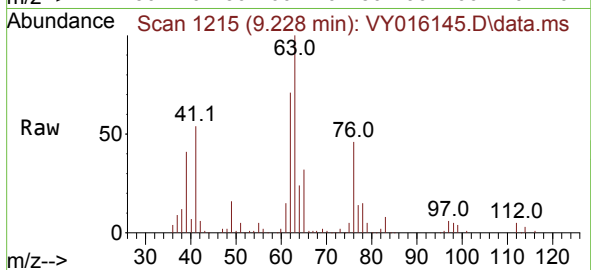
ClientSampleId :

Tgt Ion: 63 Resp: 83359

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6



#46

Dibromomethane

Concen: 48.781 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

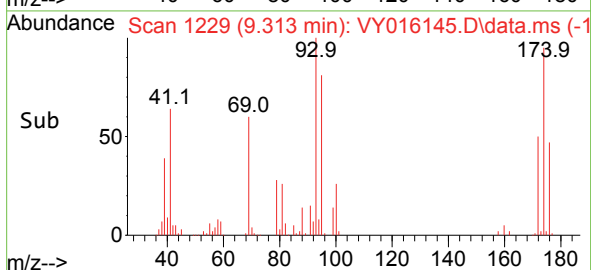
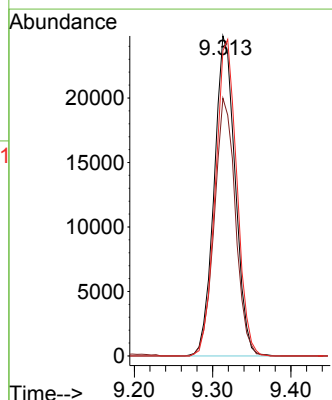
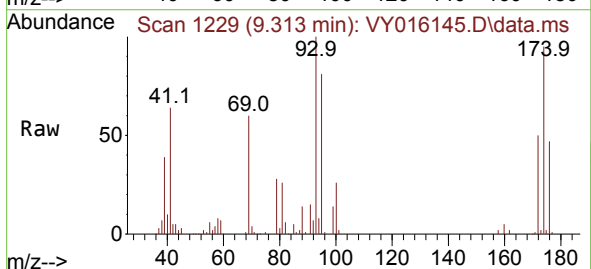
Tgt Ion: 93 Resp: 46308

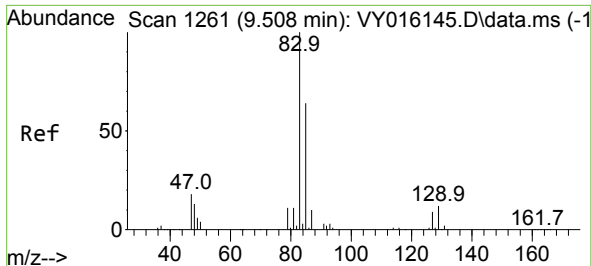
Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

174 100.6 84.8 127.2

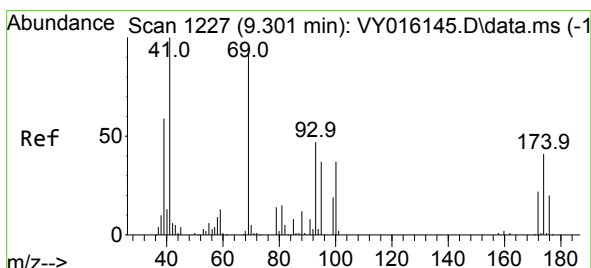
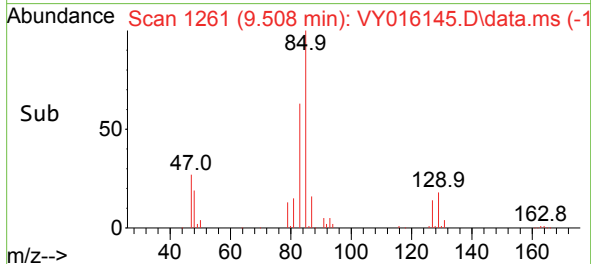
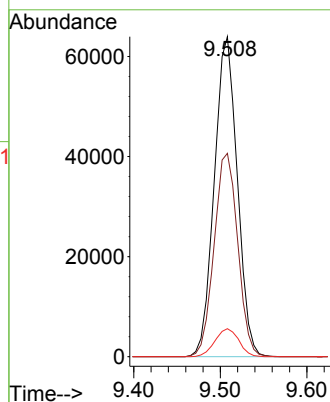
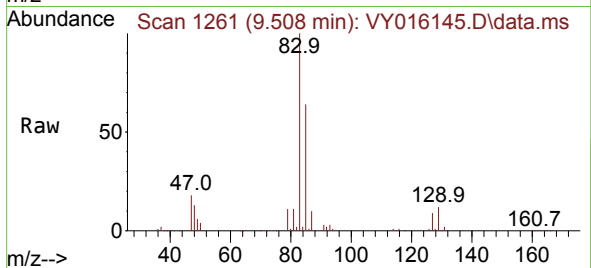




#47
Bromodichloromethane
Concen: 48.851 ug/l
RT: 9.508 min Scan# 117828
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

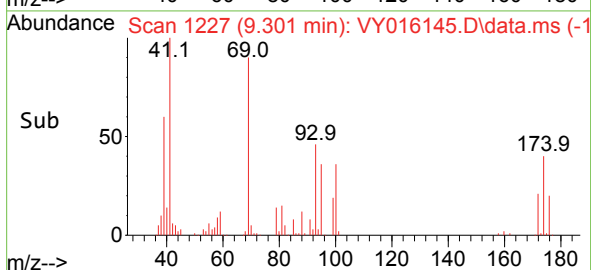
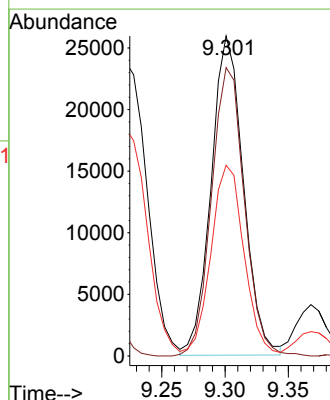
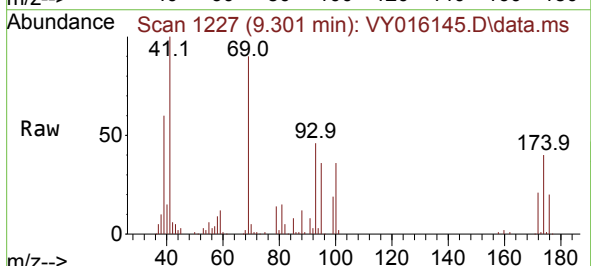
Instrument :
MSVOA_Y
ClientSampleId :

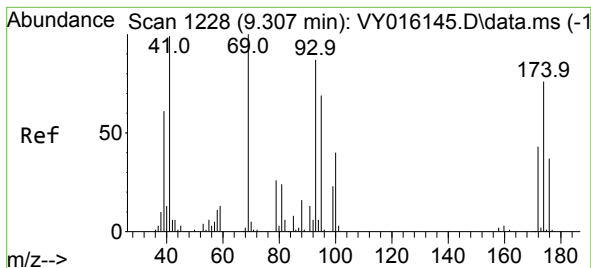
Tgt Ion: 83 Resp: 117828
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 47.451 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 41 Resp: 46063
Ion Ratio Lower Upper
41 100
69 92.0 64.5 96.7
39 58.8 50.8 76.2





#49

1,4-Dioxane

Concen: 878.561 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

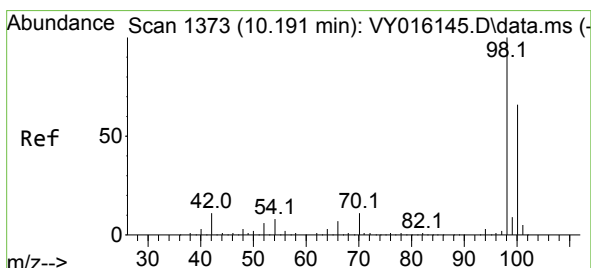
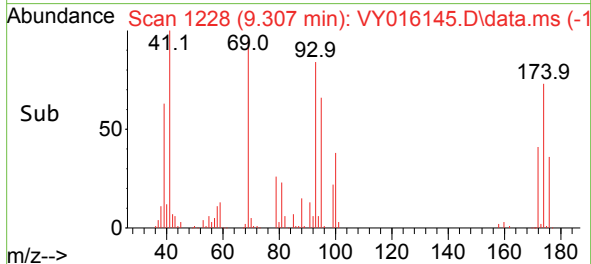
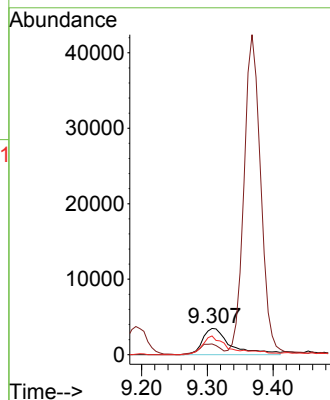
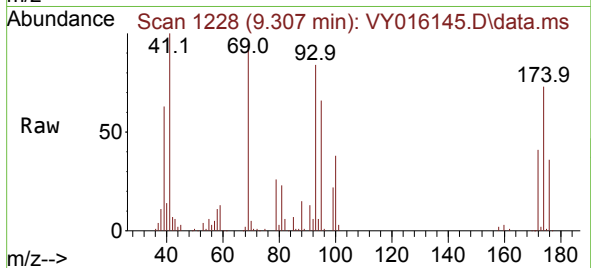
Tgt Ion: 88 Resp: 10413

Ion Ratio Lower Upper

88 100

43 29.8 0.0 0.0#

58 68.9 30.9 46.3#



#50

Toluene-d8

Concen: 48.881 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016145.D

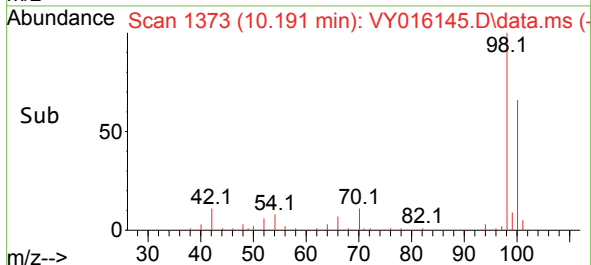
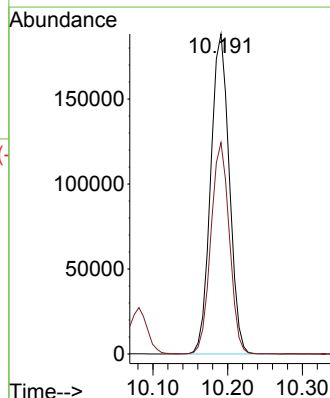
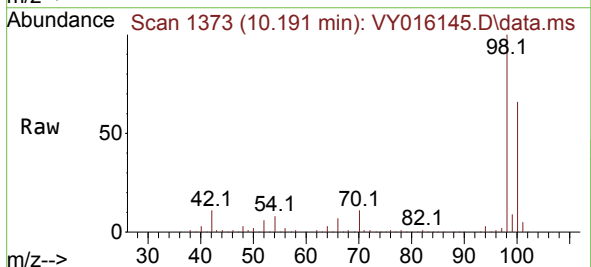
Acq: 31 Oct 2023 13:37

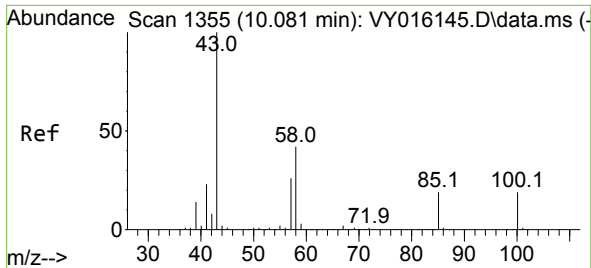
Tgt Ion: 98 Resp: 325213

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

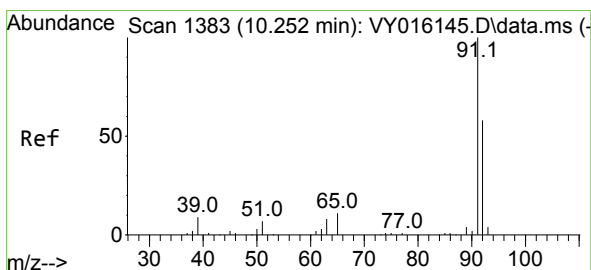
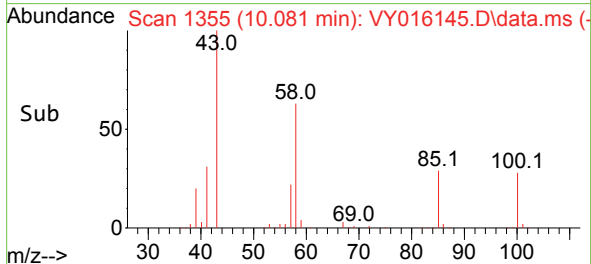
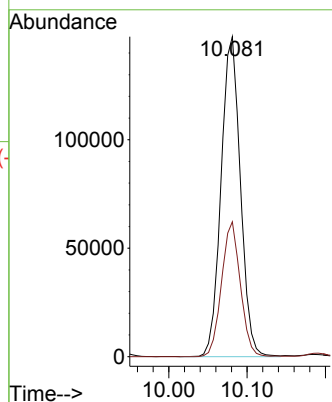
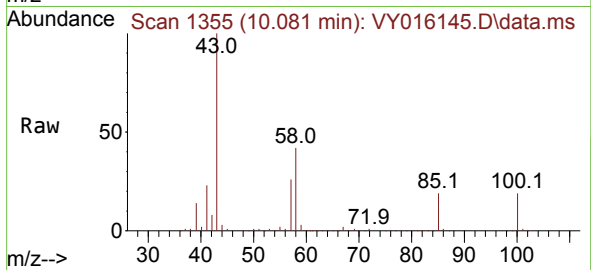




#51
4-Methyl-2-Pentanone
Concen: 238.045 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

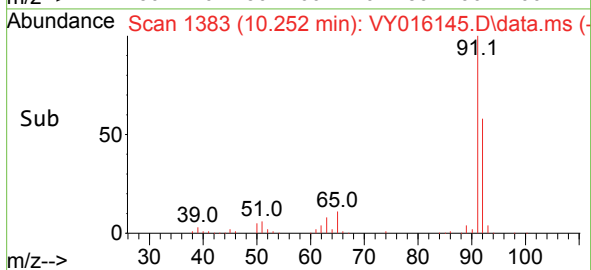
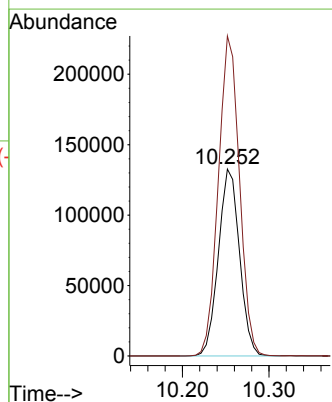
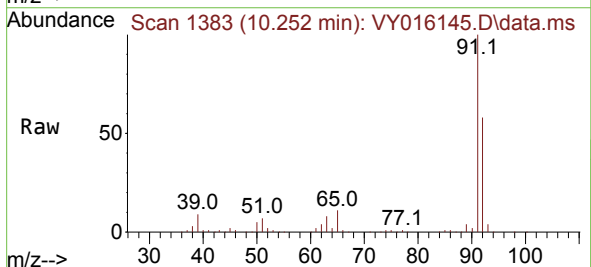
Instrument :
MSVOA_Y
ClientSampleId :

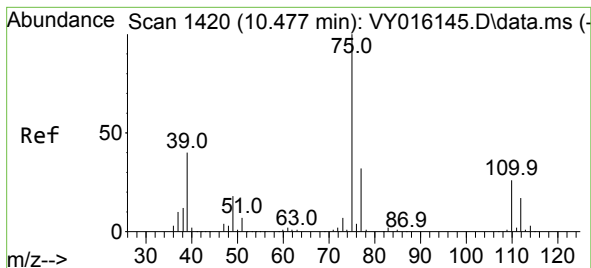
Tgt Ion: 43 Resp: 253565
Ion Ratio Lower Upper
43 100
58 41.0 29.0 43.6



#52
Toluene
Concen: 49.890 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 92 Resp: 224891
Ion Ratio Lower Upper
92 100
91 171.1 143.8 215.6

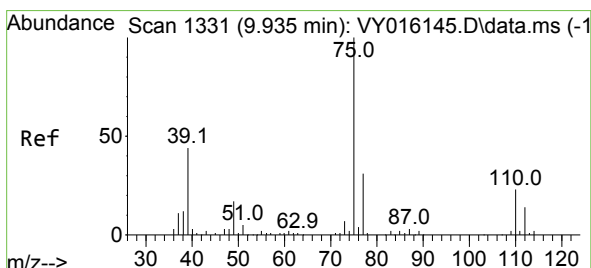
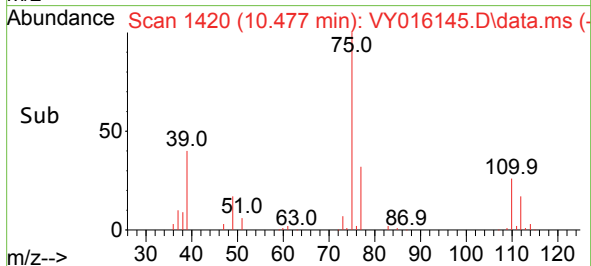
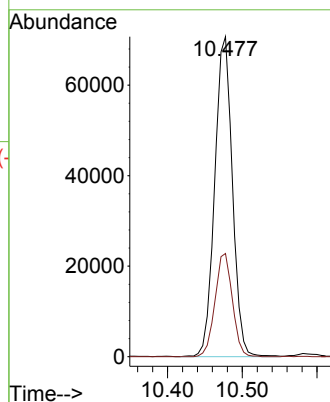
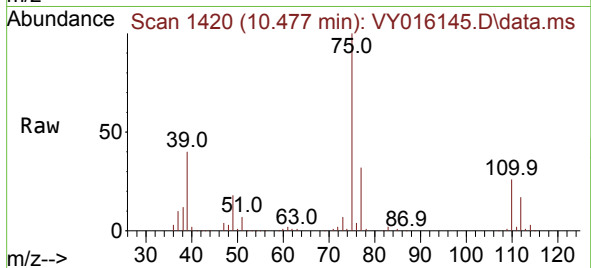




#53
 t-1,3-Dichloropropene
 Concen: 48.280 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY016145.D
 Acq: 31 Oct 2023 13:37

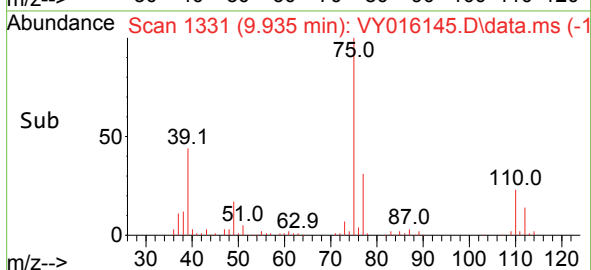
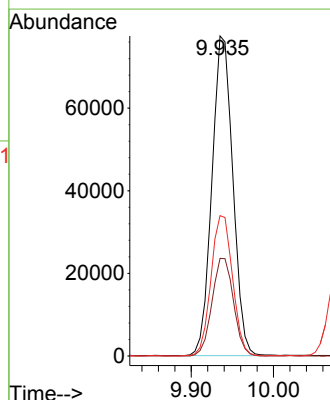
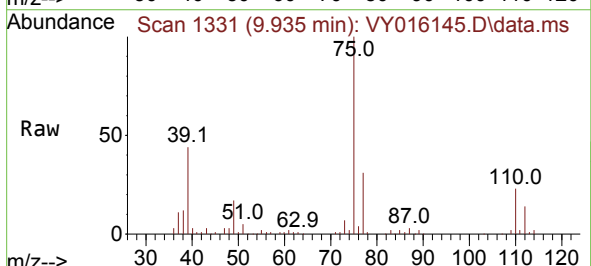
Instrument :
 MSVOA_Y
 ClientSampleId :

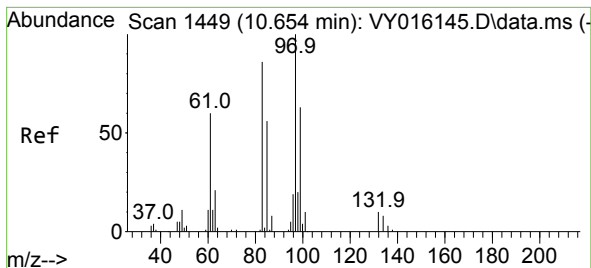
Tgt Ion: 75 Resp: 116250
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.371 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY016145.D
 Acq: 31 Oct 2023 13:37

Tgt Ion: 75 Resp: 136665
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.2 36.4
 39 43.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 48.039 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 64149

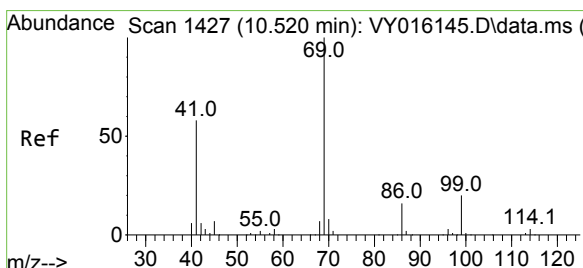
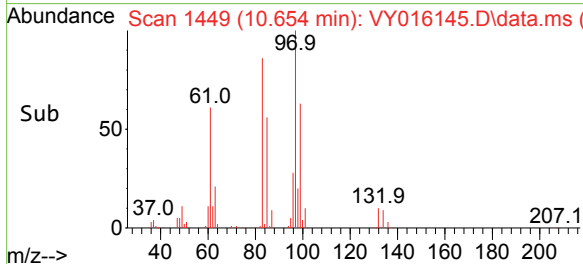
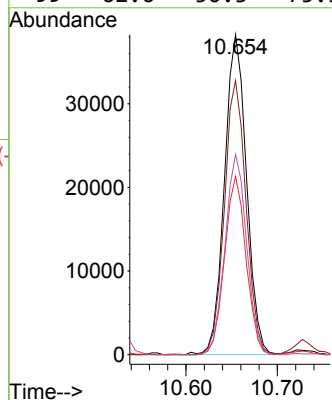
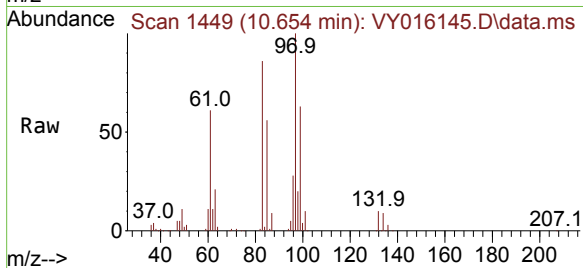
Ion Ratio Lower Upper

97 100

83 85.5 72.0 108.0

85 55.7 45.4 68.0

99 62.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 48.686 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

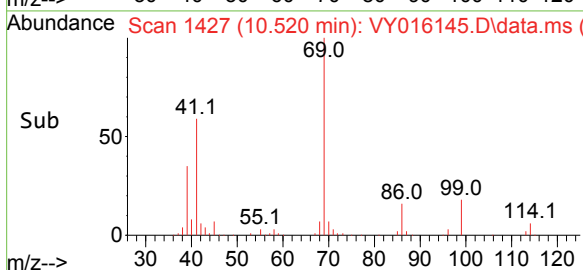
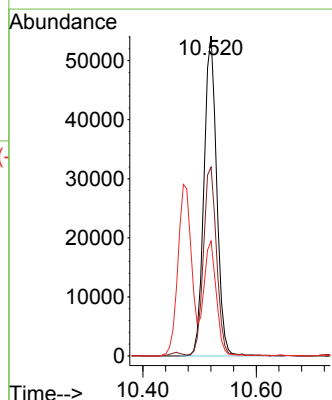
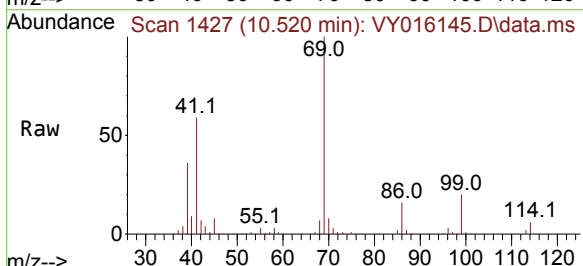
Tgt Ion: 69 Resp: 84431

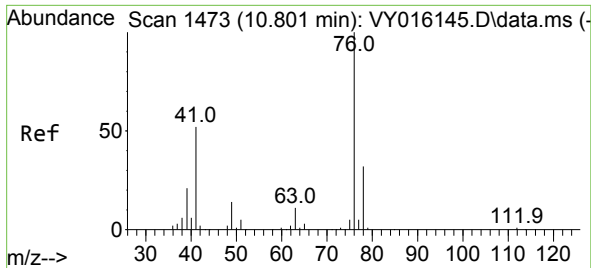
Ion Ratio Lower Upper

69 100

41 60.6 57.6 86.4

39 35.3 34.1 51.1

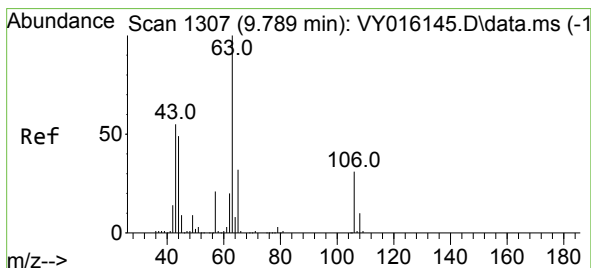
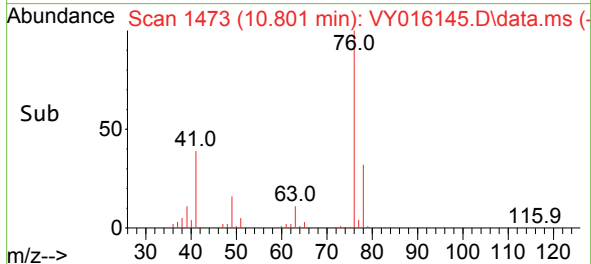
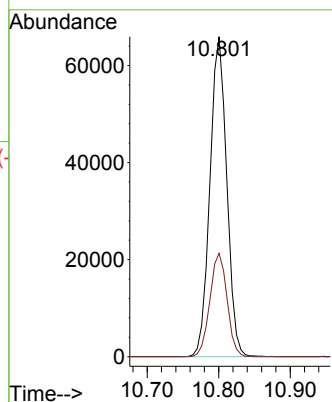
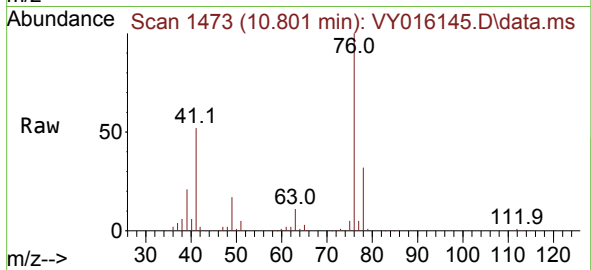




#57
 1,3-Dichloropropane
 Concen: 47.371 ug/l
 RT: 10.801 min Scan# 1473
 Delta R.T. 0.000 min
 Lab File: VY016145.D
 Acq: 31 Oct 2023 13:37

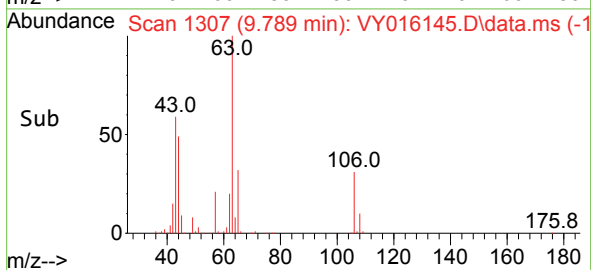
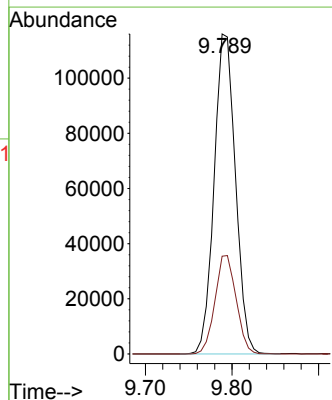
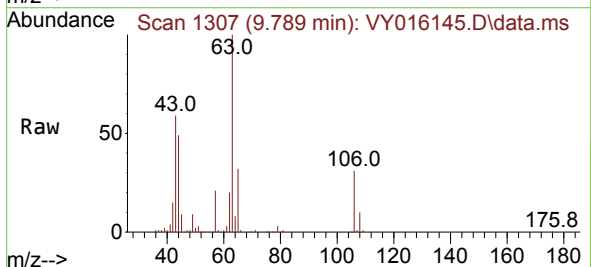
Instrument :
 MSVOA_Y
 ClientSampleId :

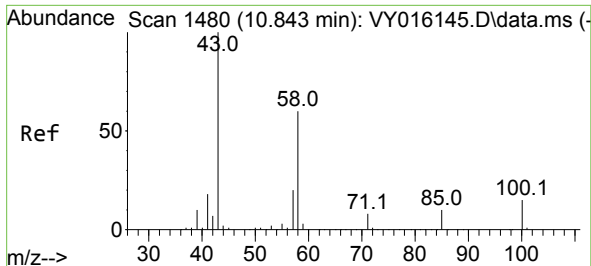
Tgt Ion: 76 Resp: 107688
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.213 ug/l
 RT: 9.789 min Scan# 1307
 Delta R.T. 0.000 min
 Lab File: VY016145.D
 Acq: 31 Oct 2023 13:37

Tgt Ion: 63 Resp: 198638
 Ion Ratio Lower Upper
 63 100
 106 30.5 21.2 31.8

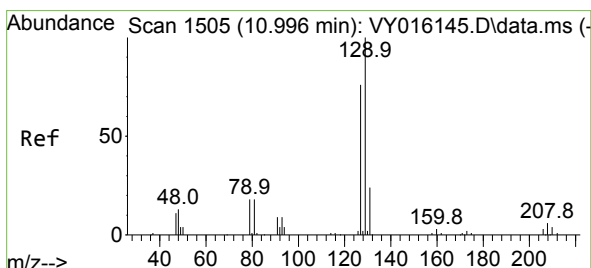
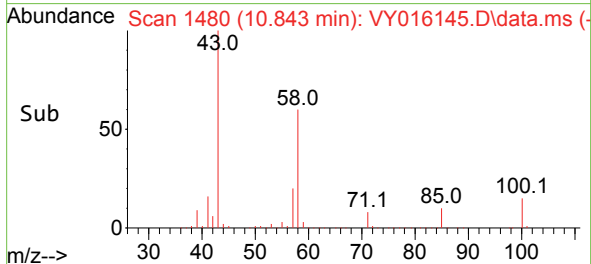
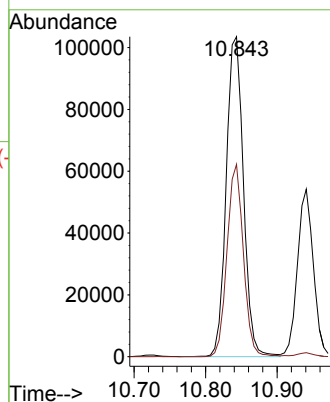
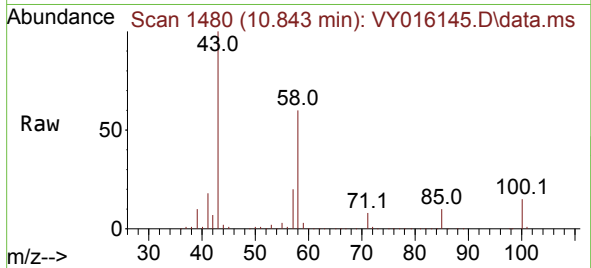




#59
2-Hexanone
Concen: 236.709 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

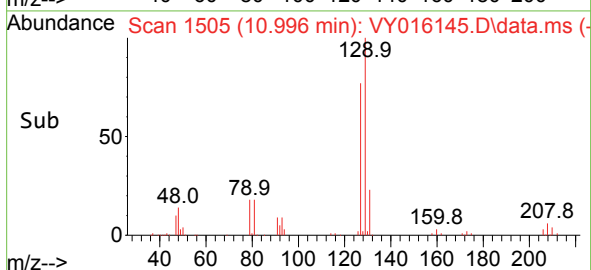
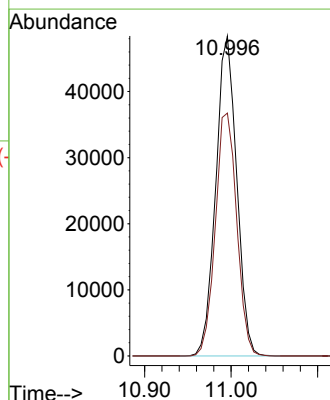
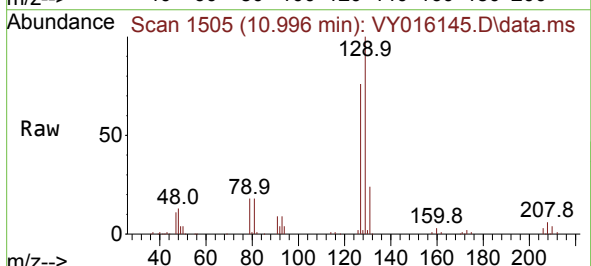
Instrument :
MSVOA_Y
ClientSampleId :

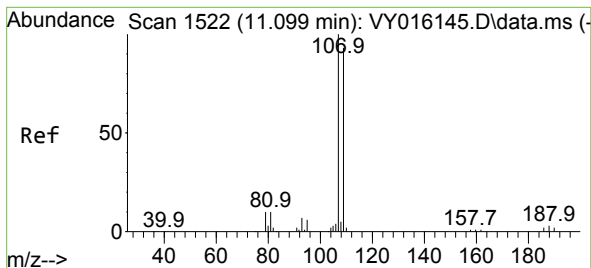
Tgt Ion: 43 Resp: 172783
Ion Ratio Lower Upper
43 100
58 57.2 25.1 75.3



#60
Dibromochloromethane
Concen: 48.447 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 129 Resp: 81161
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

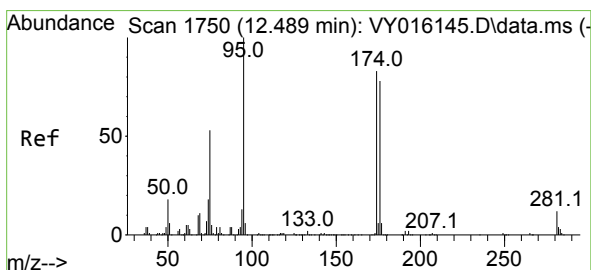
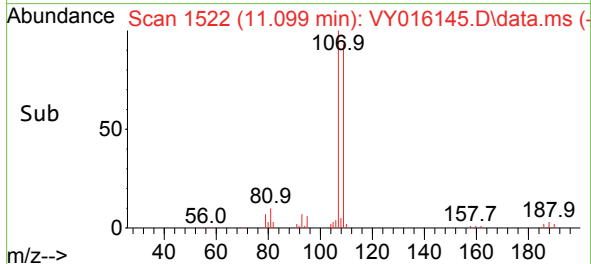
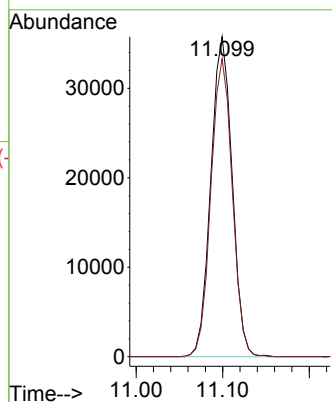
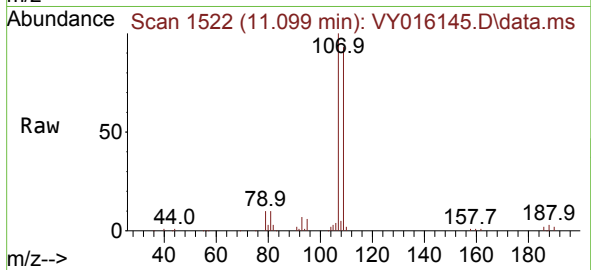




#61
1,2-Dibromoethane
Concen: 48.084 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

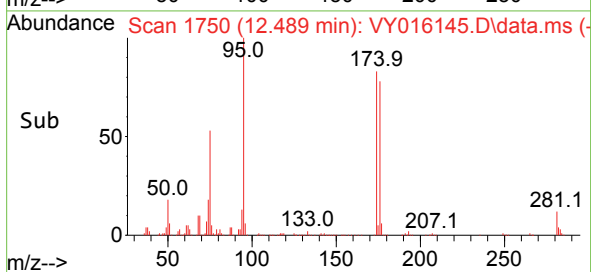
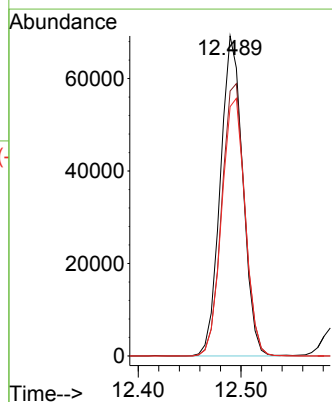
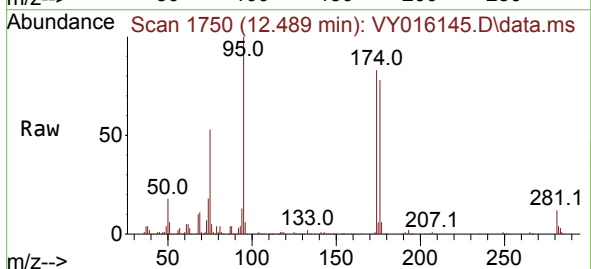
Instrument :
MSVOA_Y
ClientSampleId :

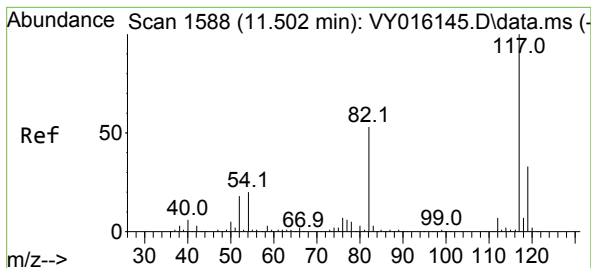
Tgt Ion:107 Resp: 61074
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.030 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 95 Resp: 104720
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.2
176 84.2 0.0 173.8

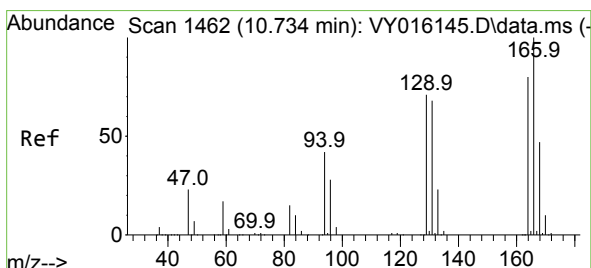
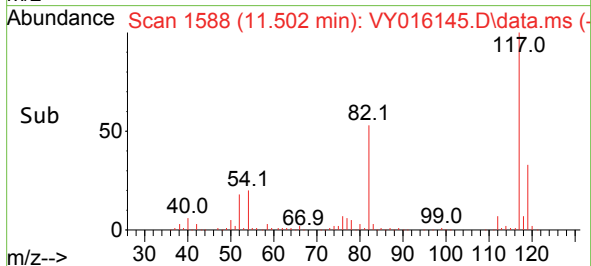
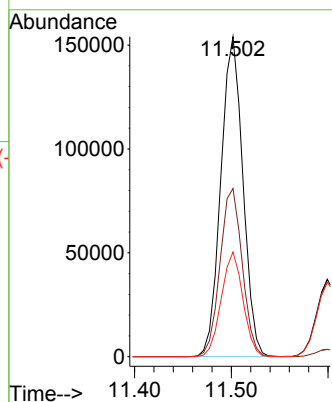
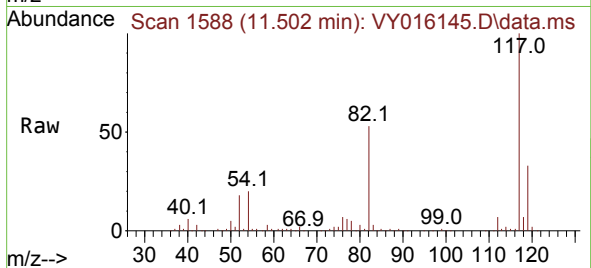




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

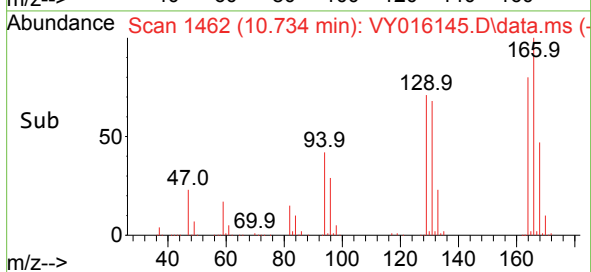
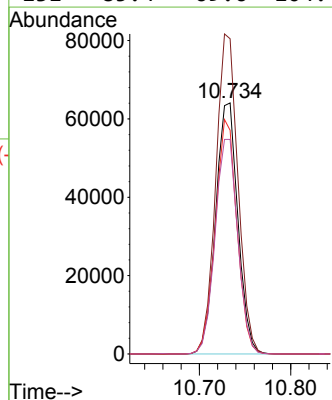
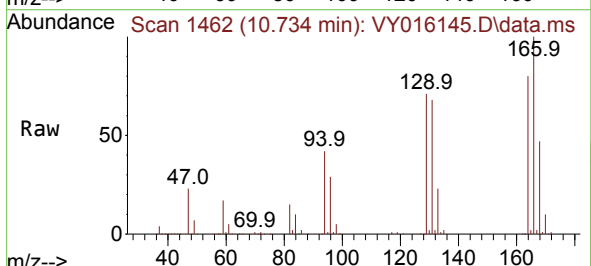
Instrument :
MSVOA_Y
ClientSampleId :

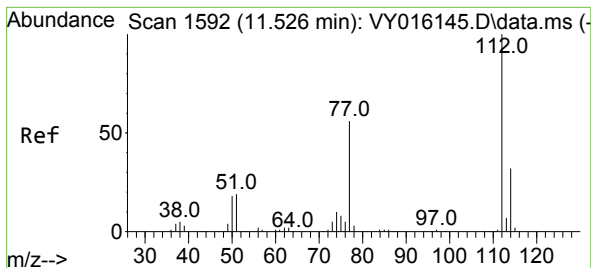
Tgt Ion:117 Resp: 243306
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 50.060 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion:164 Resp: 108339
Ion Ratio Lower Upper
164 100
166 125.5 103.0 154.6
129 89.1 77.2 115.8
131 85.4 69.6 104.4





#65

Chlorobenzene

Concen: 49.532 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

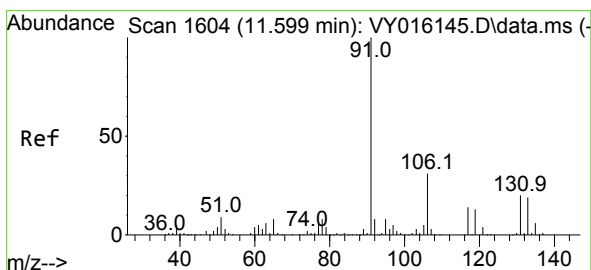
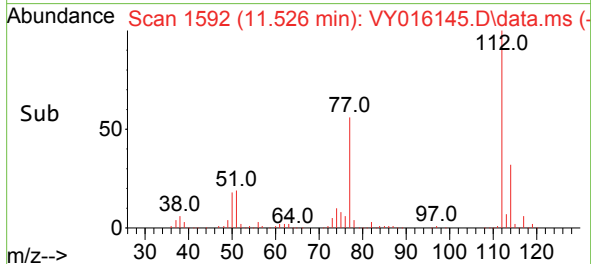
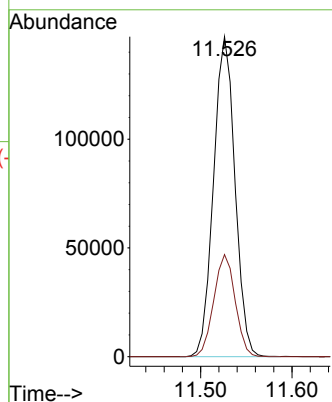
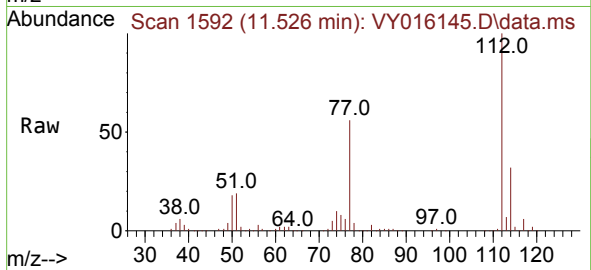
ClientSampleId :

Tgt Ion:112 Resp: 239436

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.536 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

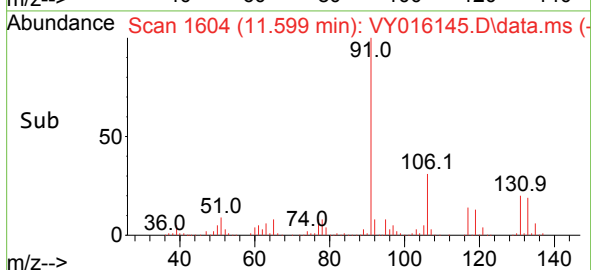
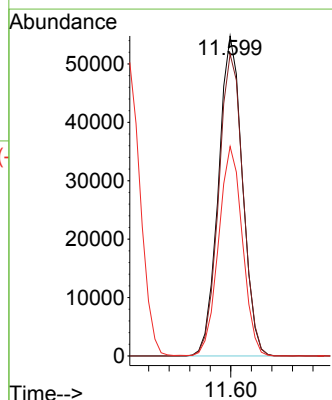
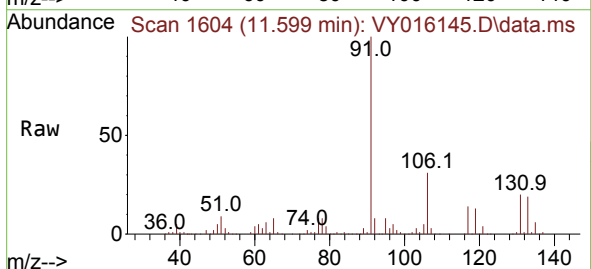
Tgt Ion:131 Resp: 88691

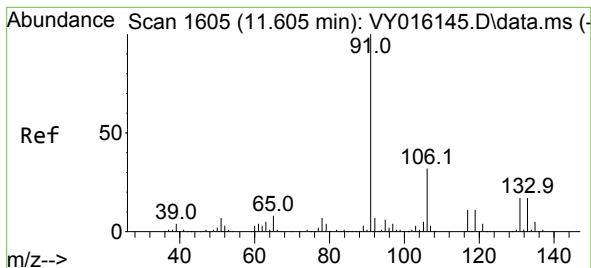
Ion Ratio Lower Upper

131 100

133 95.8 47.5 142.6

119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 50.686 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

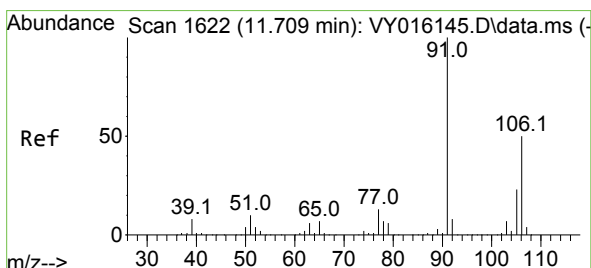
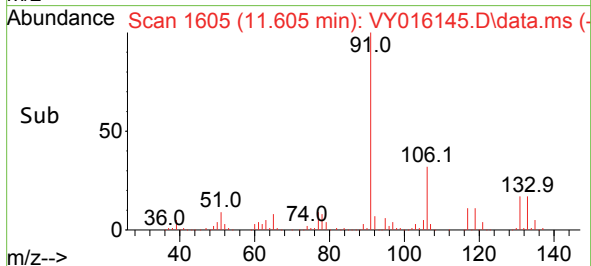
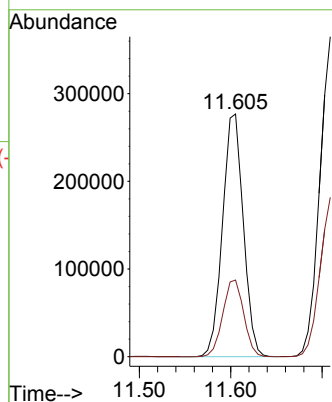
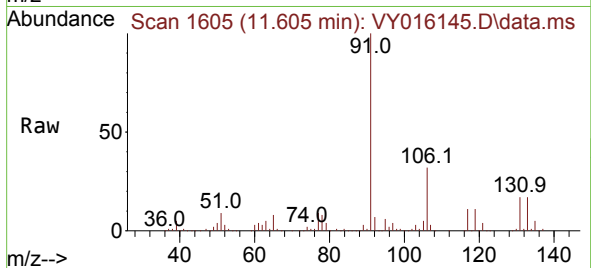
ClientSampleId :

Tgt Ion: 91 Resp: 438236

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 101.711 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016145.D

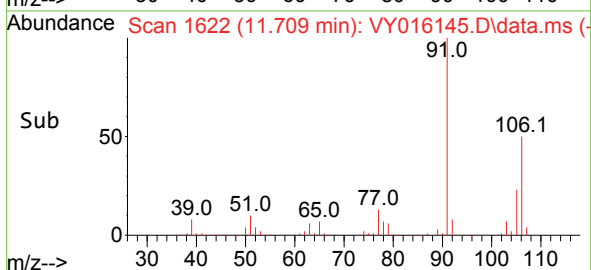
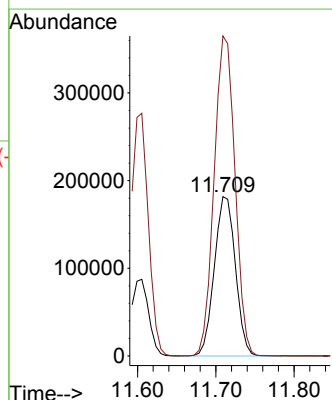
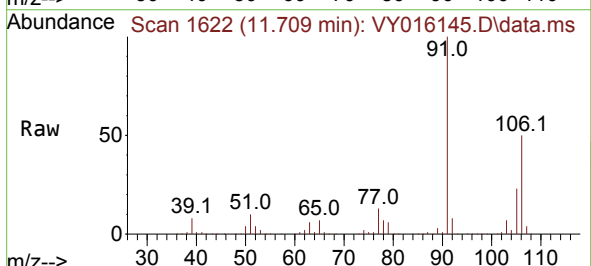
Acq: 31 Oct 2023 13:37

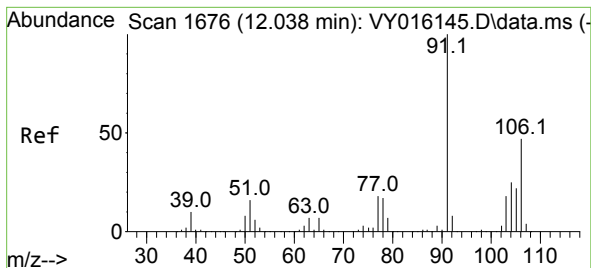
Tgt Ion:106 Resp: 339813

Ion Ratio Lower Upper

106 100

91 199.0 166.1 249.1





#69

o-Xylene

Concen: 49.981 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

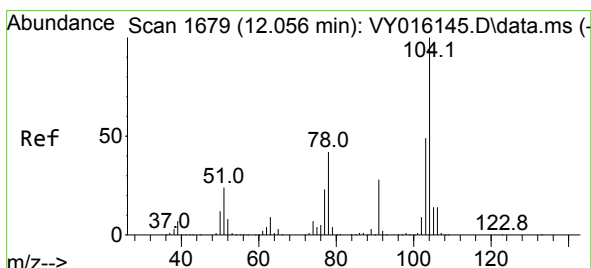
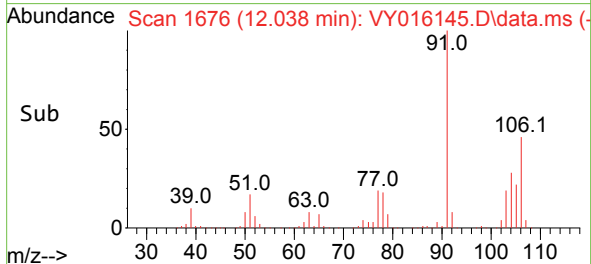
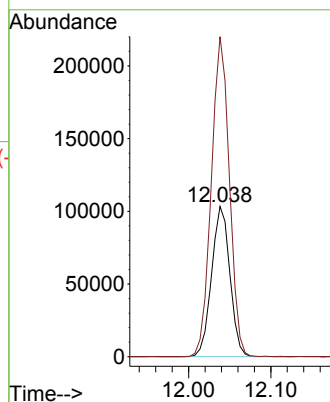
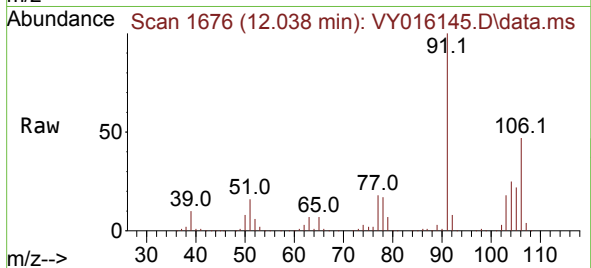
ClientSampleId :

Tgt Ion:106 Resp: 159435

Ion Ratio Lower Upper

106 100

91 210.9 108.1 324.3



#70

Styrene

Concen: 50.078 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

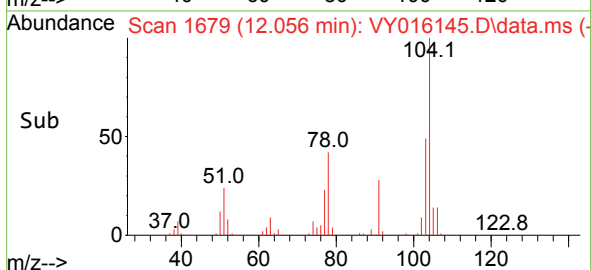
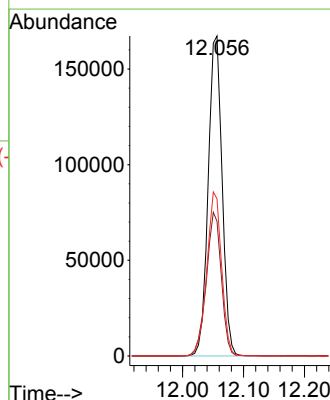
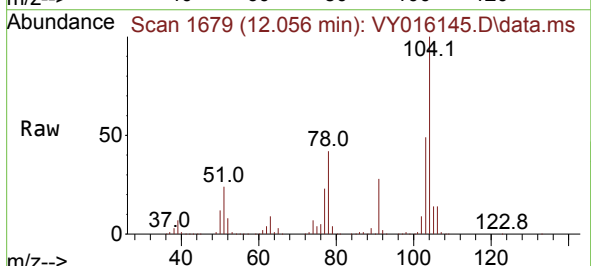
Tgt Ion:104 Resp: 265561

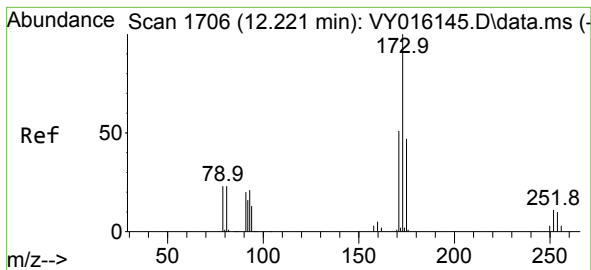
Ion Ratio Lower Upper

104 100

78 48.5 41.5 62.3

103 54.5 44.6 67.0





#71

Bromoform

Concen: 47.883 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

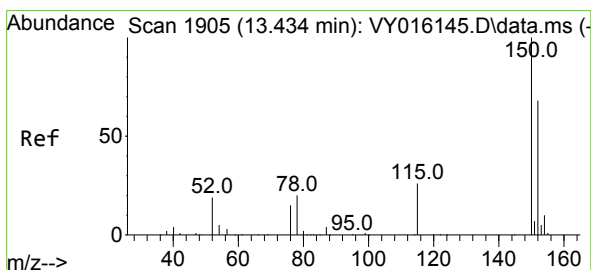
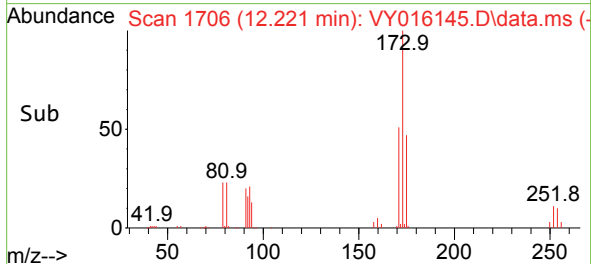
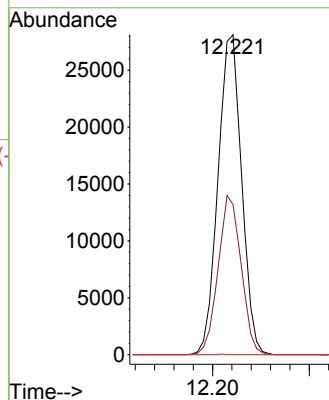
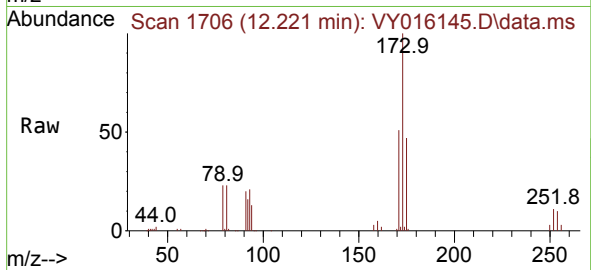
Tgt Ion:173 Resp: 47560

Ion Ratio Lower Upper

173 100

175 48.4 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: VY016145.D

Acq: 31 Oct 2023 13:37

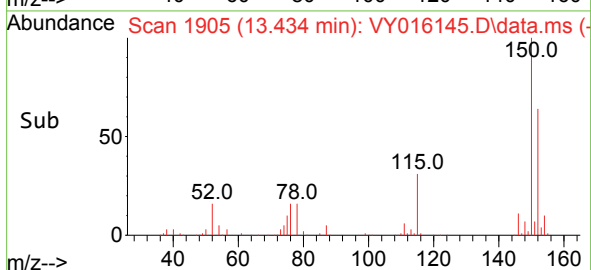
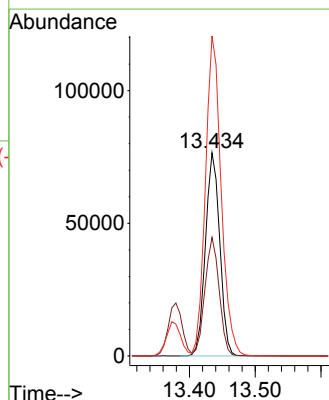
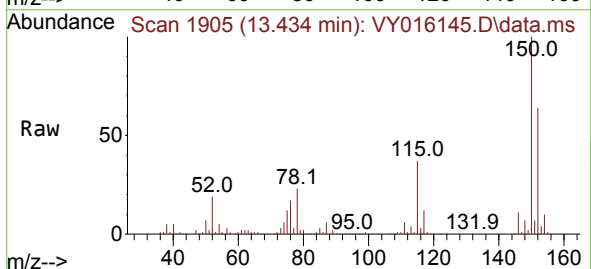
Tgt Ion:152 Resp: 115996

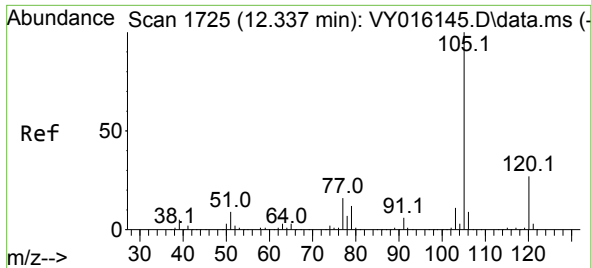
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 172.6 0.0 348.8

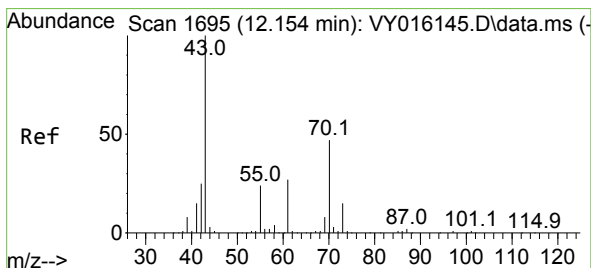
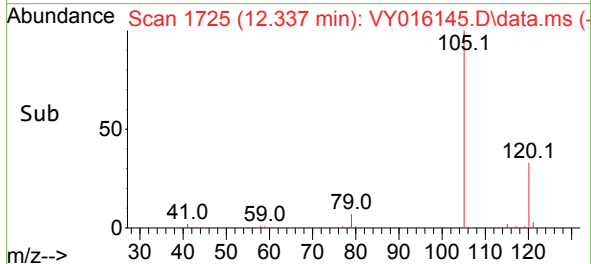
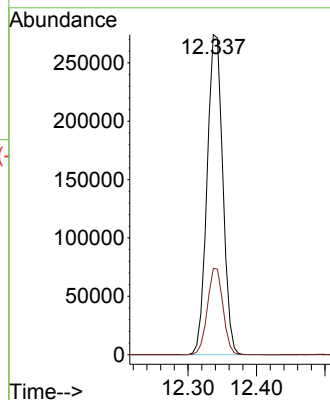
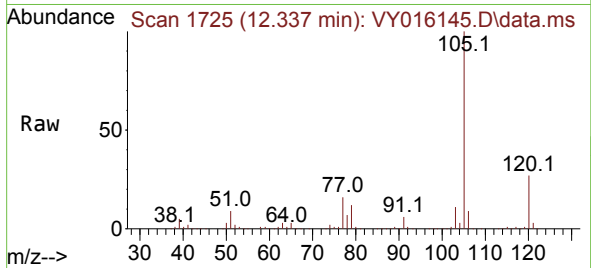




#73
Isopropylbenzene
Concen: 50.203 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

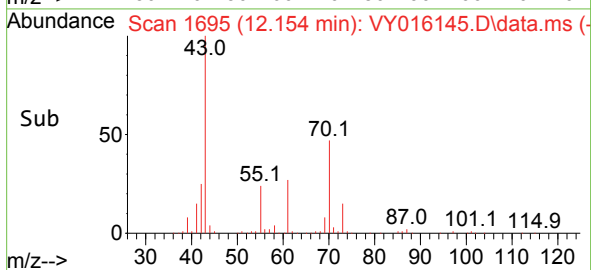
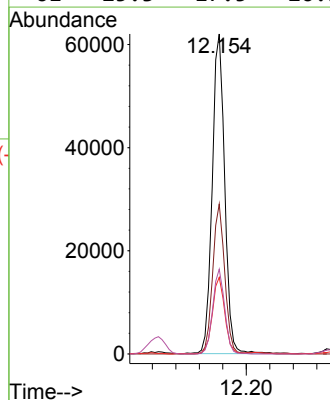
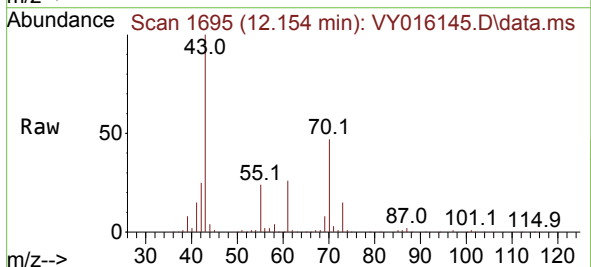
Instrument :
MSVOA_Y
ClientSampleId :

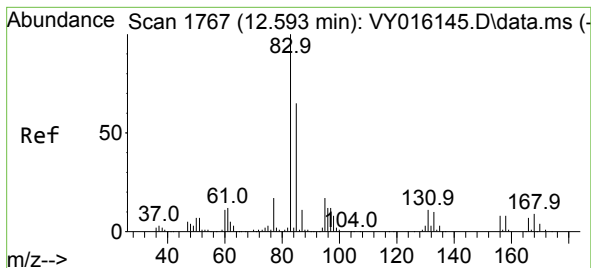
Tgt Ion:105 Resp: 436825
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 48.417 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 43 Resp: 91547
Ion Ratio Lower Upper
43 100
70 45.3 29.7 44.5#
55 23.4 18.3 27.5
61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.998 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

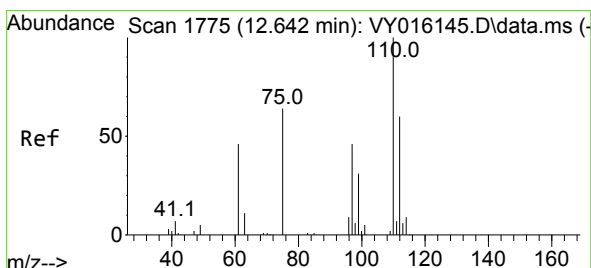
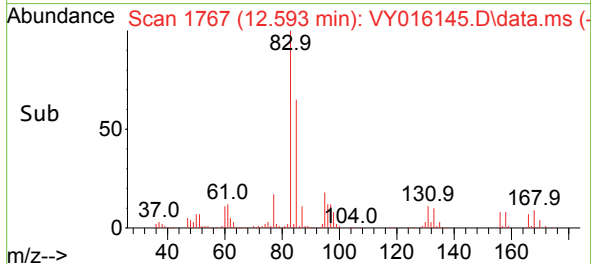
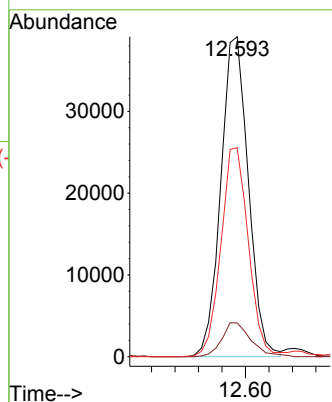
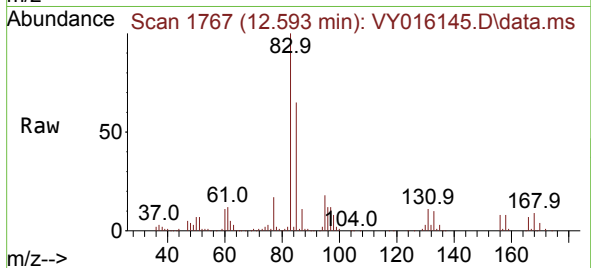
Tgt Ion: 83 Resp: 63688

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 74.767 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016145.D

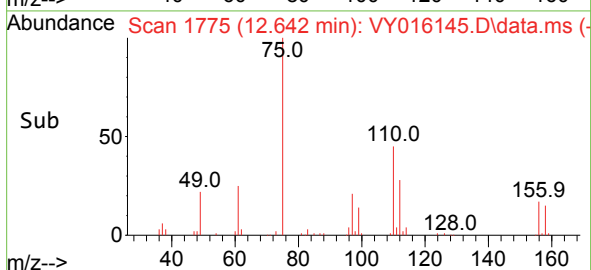
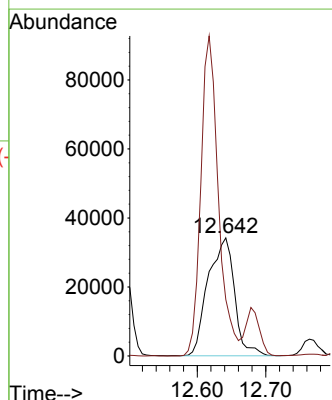
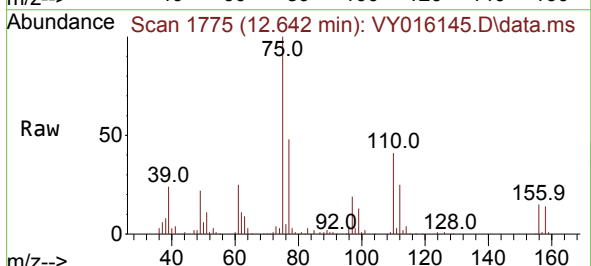
Acq: 31 Oct 2023 13:37

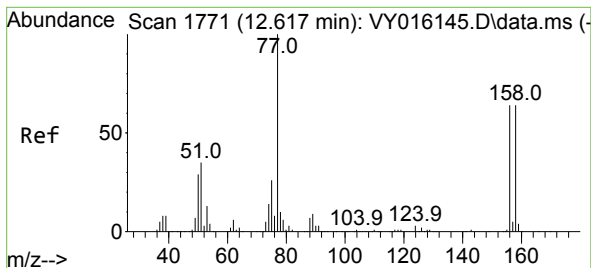
Tgt Ion: 75 Resp: 91519

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.299 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

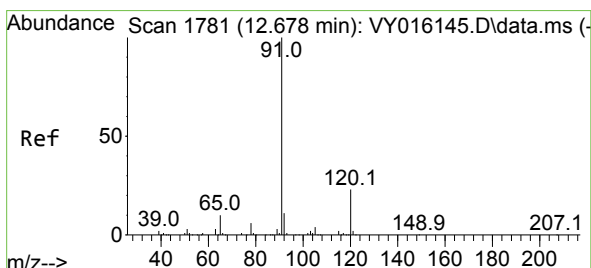
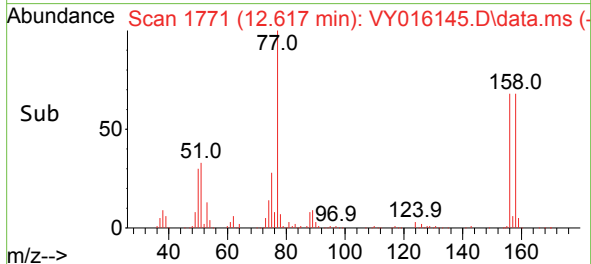
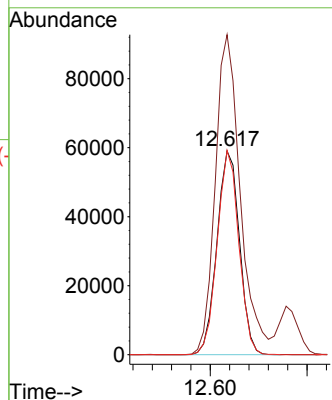
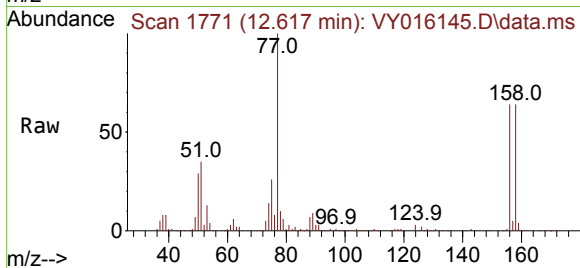
Tgt Ion:156 Resp: 95161

Ion Ratio Lower Upper

156 100

77 174.2 92.8 278.6

158 96.5 48.4 145.3



#78

n-propylbenzene

Concen: 50.438 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016145.D

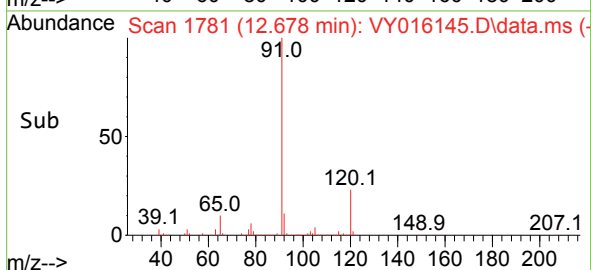
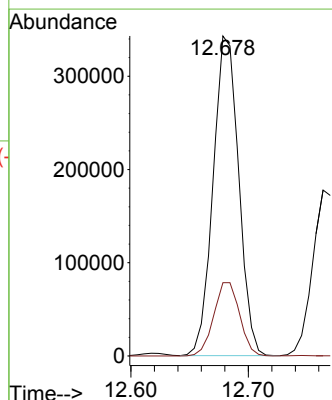
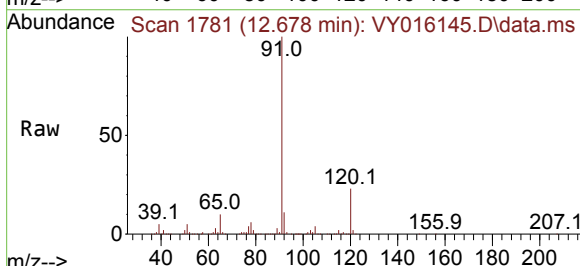
Acq: 31 Oct 2023 13:37

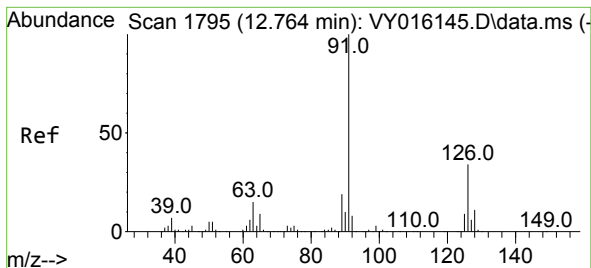
Tgt Ion: 91 Resp: 518854

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

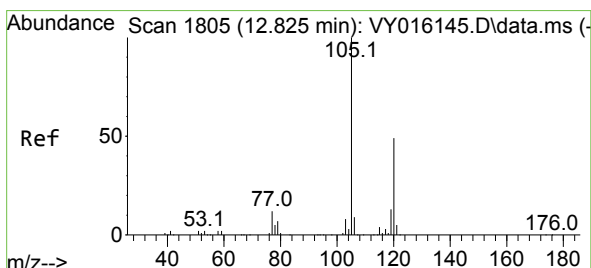
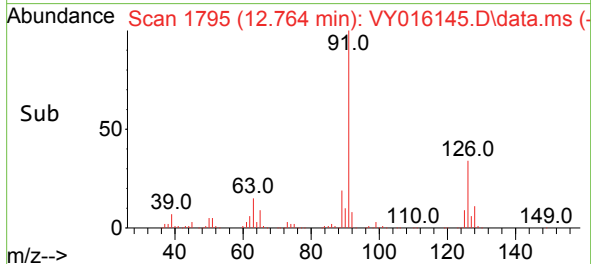
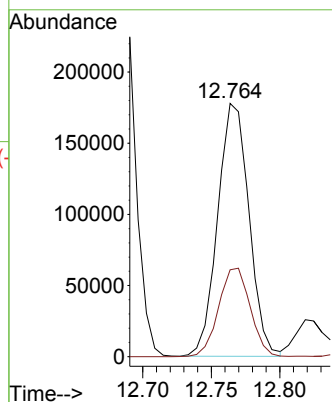
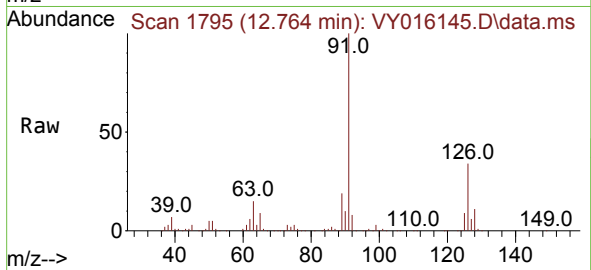




#79
2-Chlorotoluene
Concen: 49.330 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

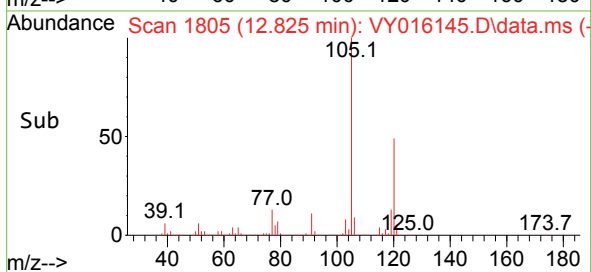
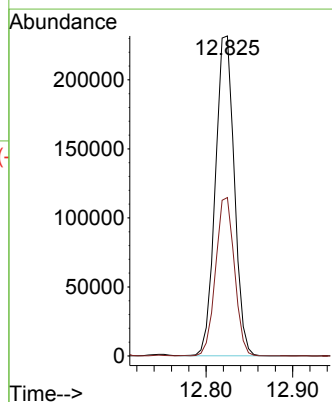
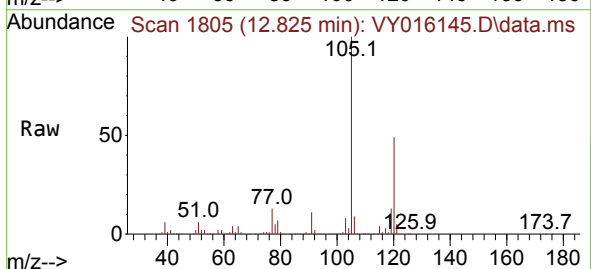
Instrument :
MSVOA_Y
ClientSampleId :

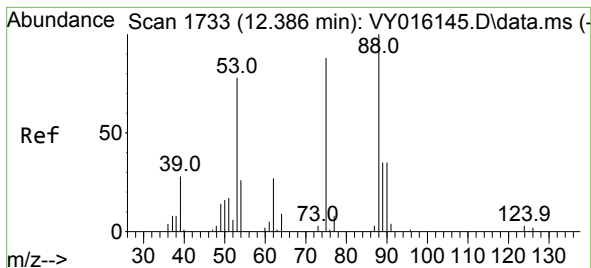
Tgt Ion: 91 Resp: 283035
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.940 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion: 105 Resp: 352046
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

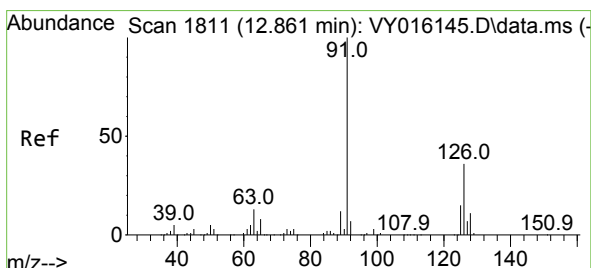
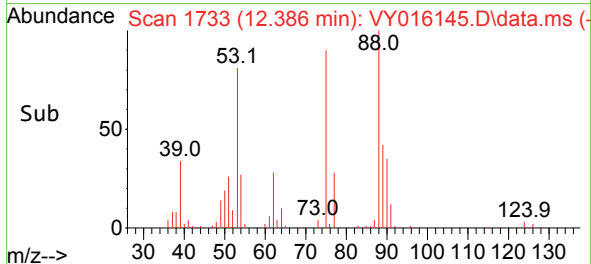
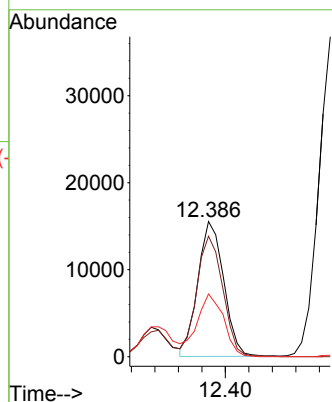
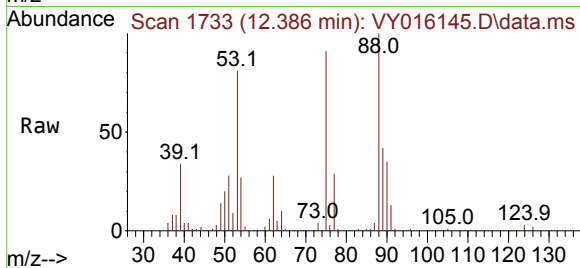




#81
trans-1,4-Dichloro-2-butene
Concen: 47.208 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

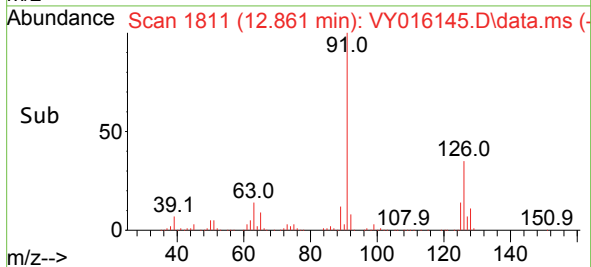
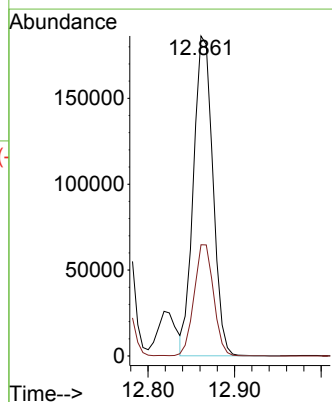
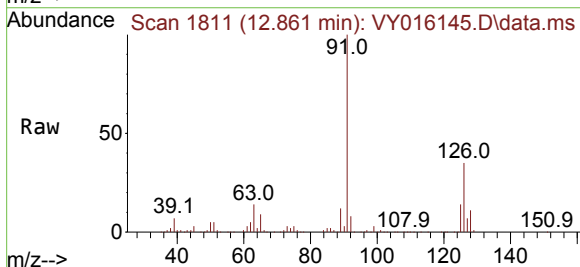
Instrument :
MSVOA_Y
ClientSampleId :

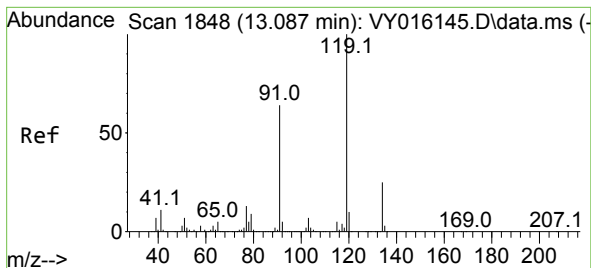
Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.5	77.8	116.8
89	47.9	37.4	56.0



#82
4-Chlorotoluene
Concen: 49.082 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.2	51.6





#83

tert-Butylbenzene

Concen: 50.695 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

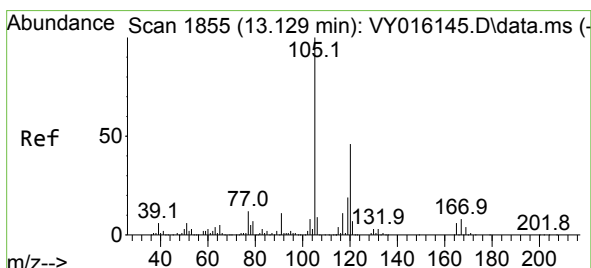
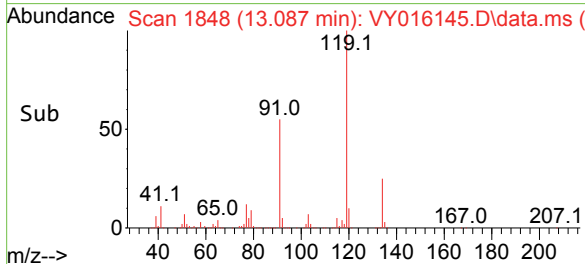
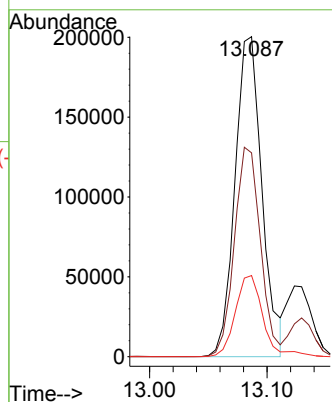
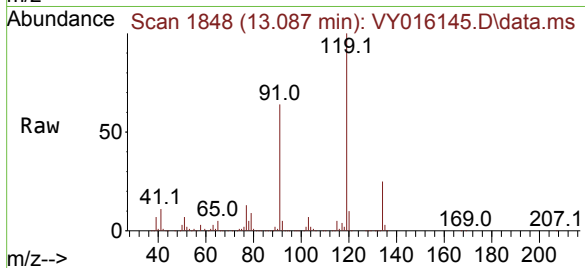
Tgt Ion:119 Resp: 319760

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.312 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016145.D

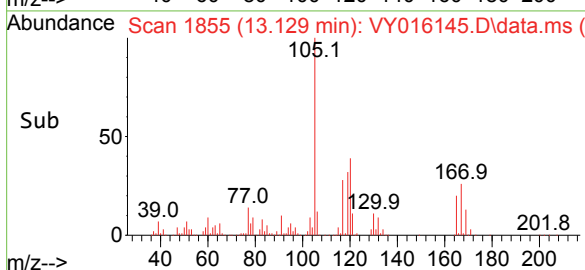
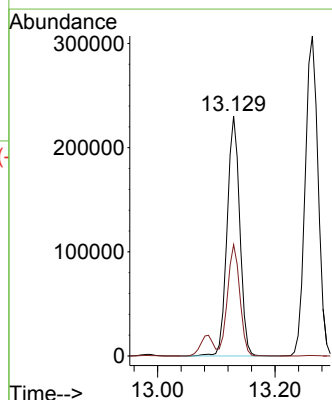
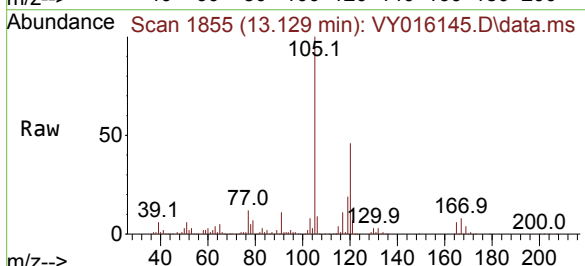
Acq: 31 Oct 2023 13:37

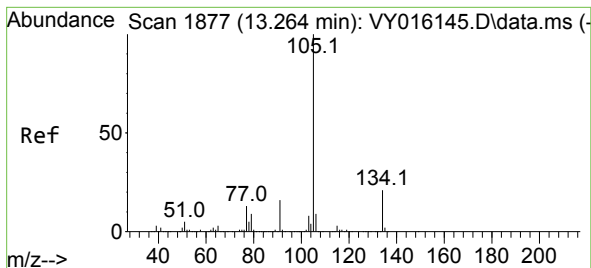
Tgt Ion:105 Resp: 343967

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.423 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

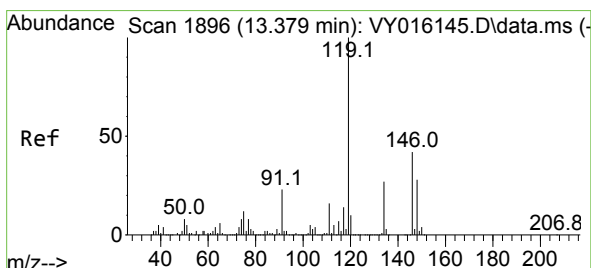
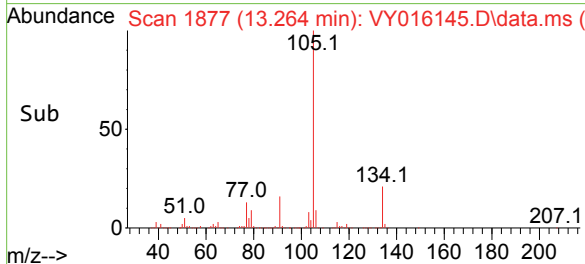
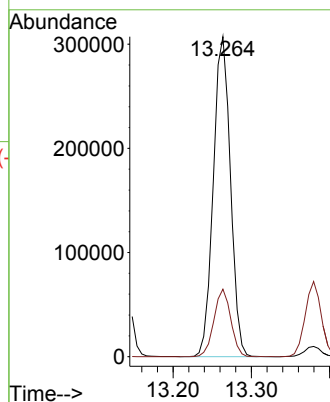
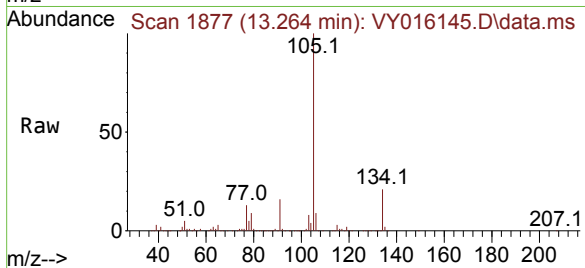
ClientSampleId :

Tgt Ion:105 Resp: 466802

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.632 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

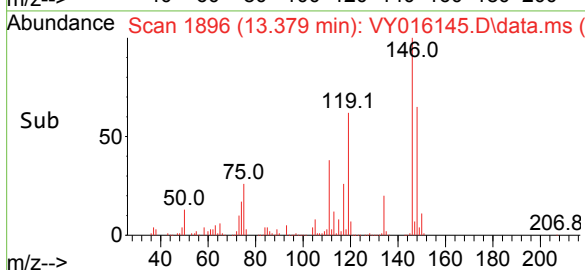
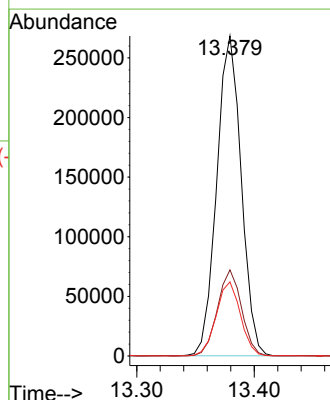
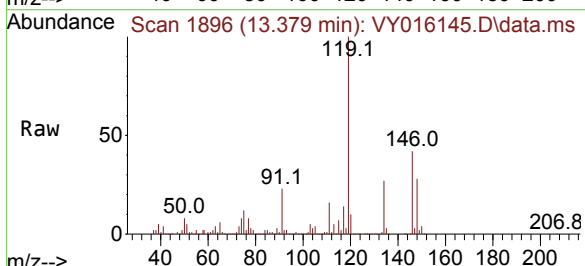
Tgt Ion:119 Resp: 388486

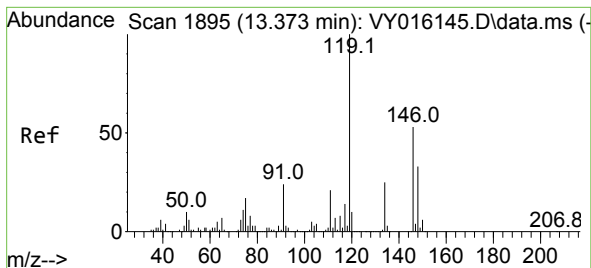
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 48.971 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

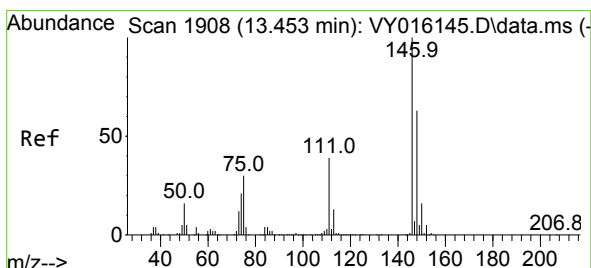
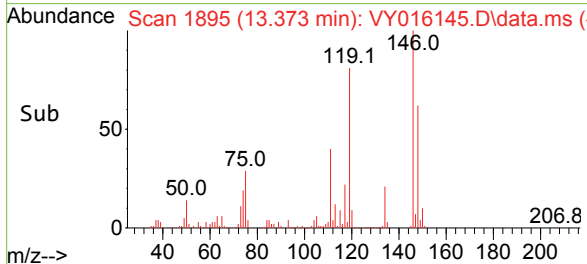
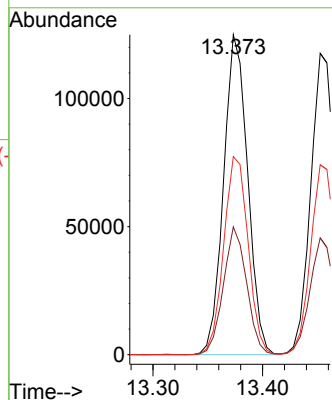
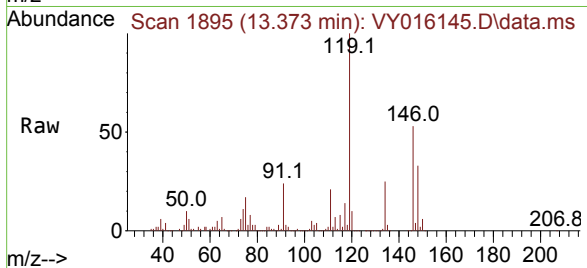
Tgt Ion:146 Resp: 190821

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.827 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

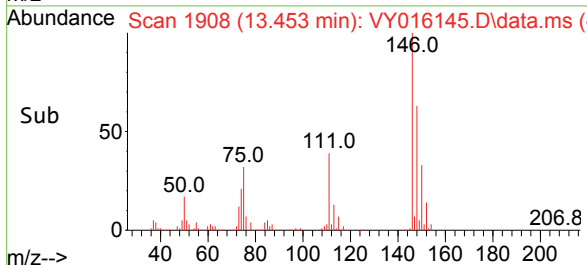
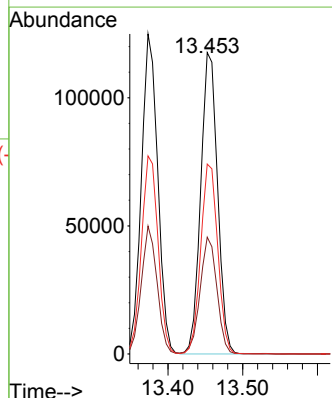
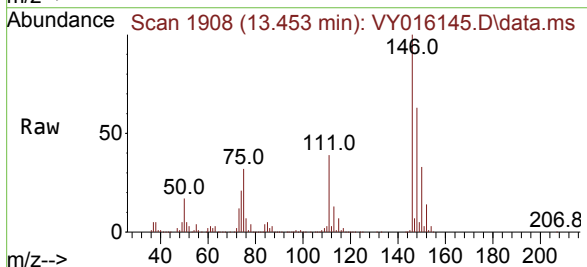
Tgt Ion:146 Resp: 184192

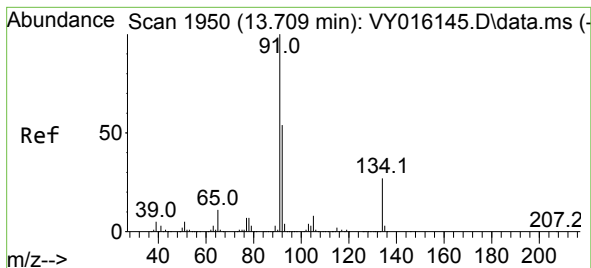
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 50.518 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

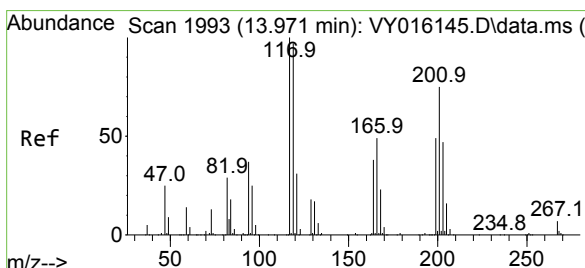
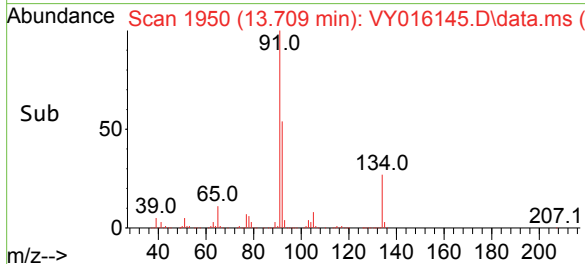
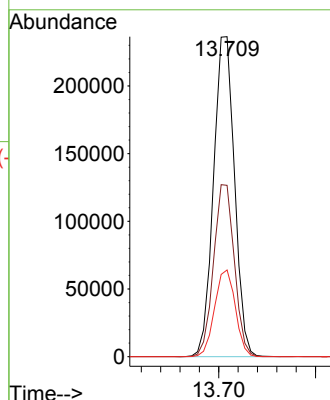
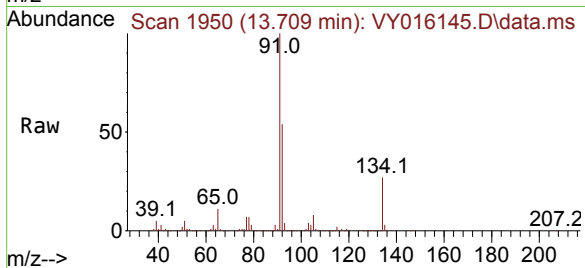
Tgt Ion: 91 Resp: 356150

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 50.407 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016145.D

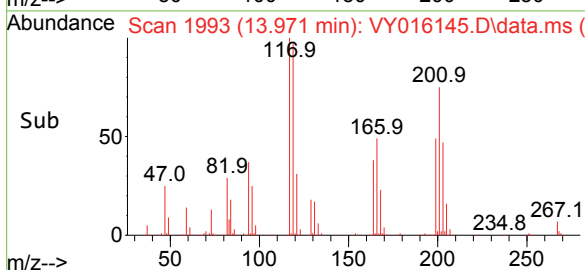
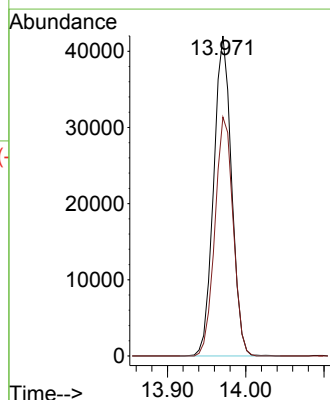
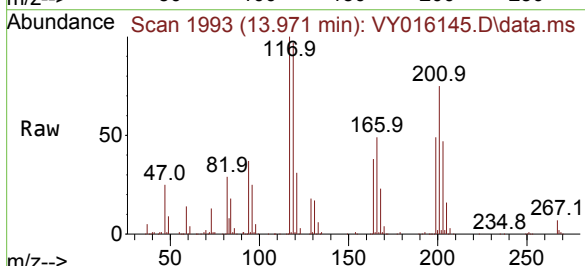
Acq: 31 Oct 2023 13:37

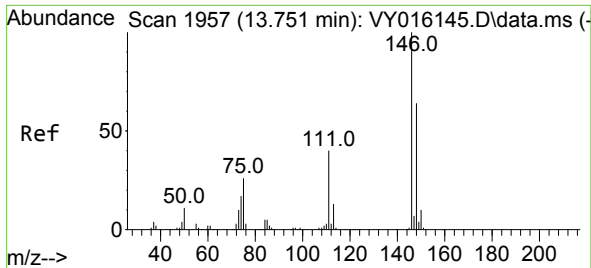
Tgt Ion: 117 Resp: 66649

Ion Ratio Lower Upper

117 100

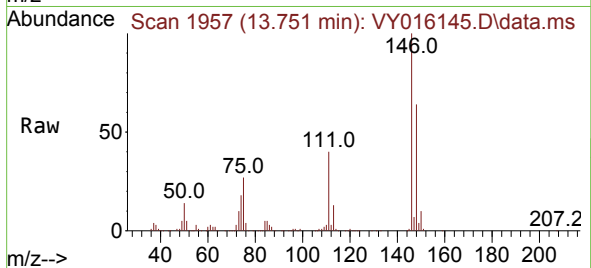
201 76.1 41.6 124.8



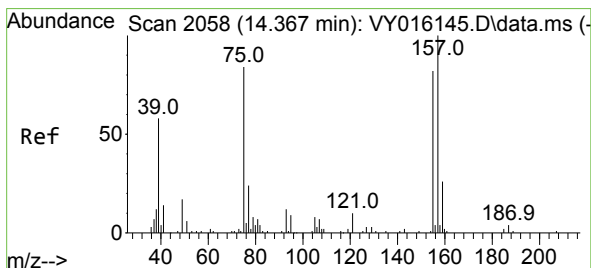
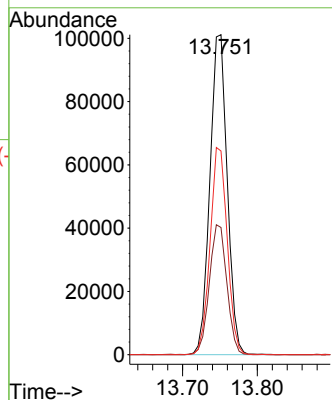
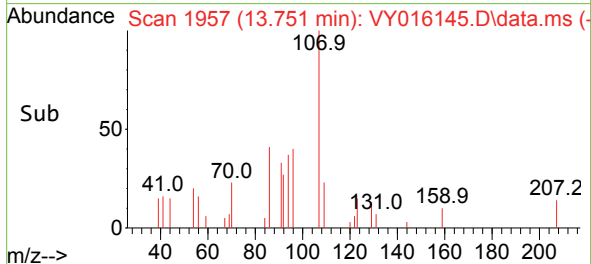


#91
1,2-Dichlorobenzene
Concen: 48.339 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37

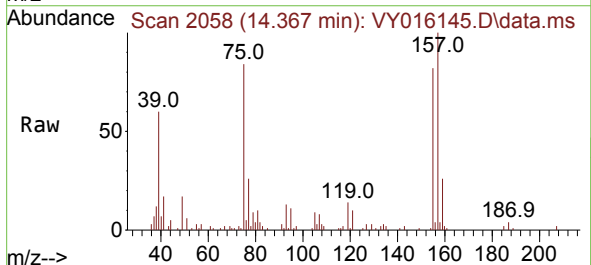
Instrument :
MSVOA_Y
ClientSampleId :



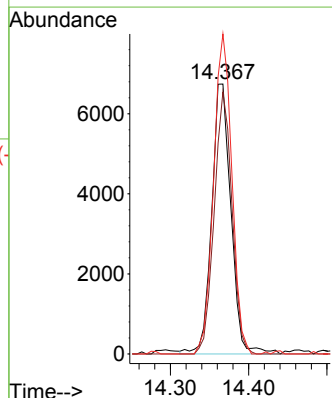
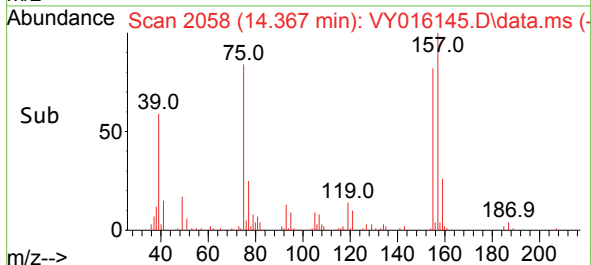
Tgt Ion:146 Resp: 162741
Ion Ratio Lower Upper
146 100
111 41.2 19.7 59.0
148 64.1 32.0 96.2

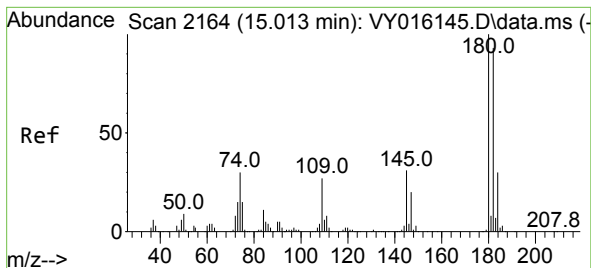


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.305 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016145.D
Acq: 31 Oct 2023 13:37



Tgt Ion: 75 Resp: 11474
Ion Ratio Lower Upper
75 100
155 90.6 41.5 124.6
157 112.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.274 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

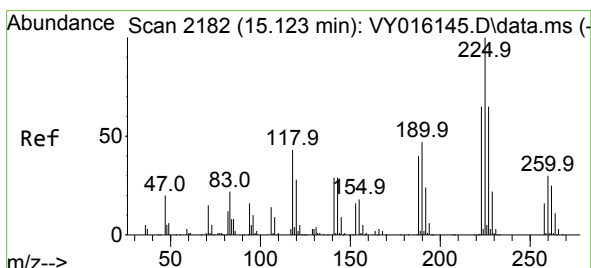
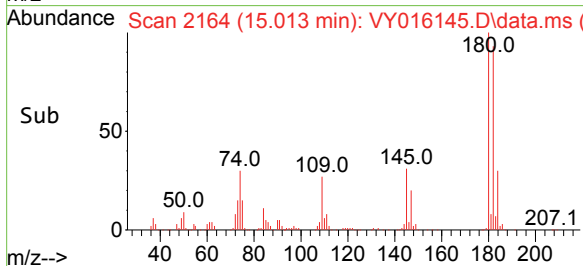
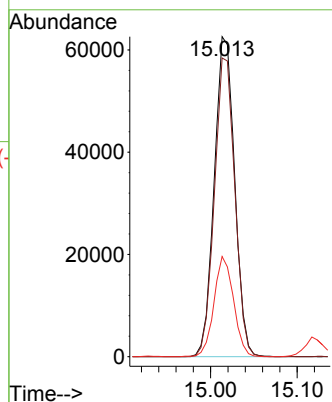
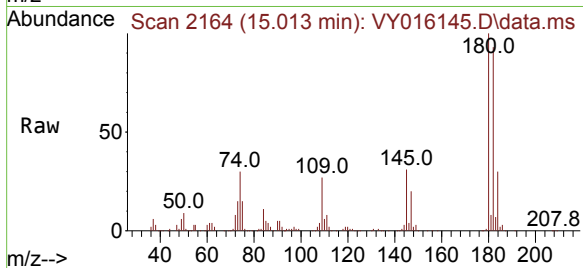
Tgt Ion:180 Resp: 102390

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.838 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

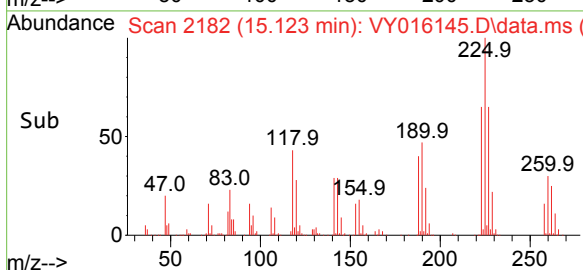
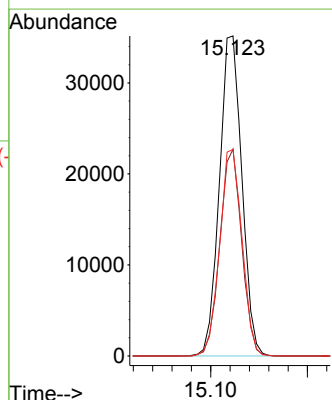
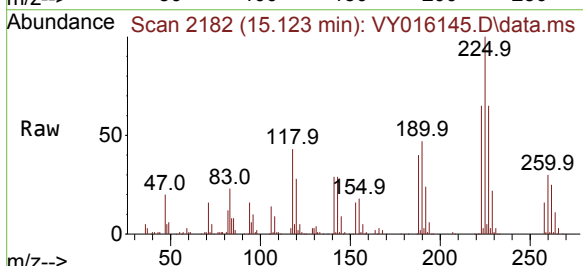
Tgt Ion:225 Resp: 56591

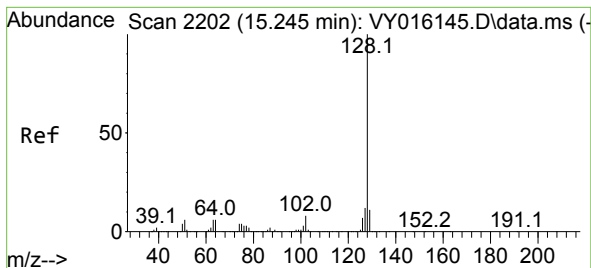
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 46.914 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

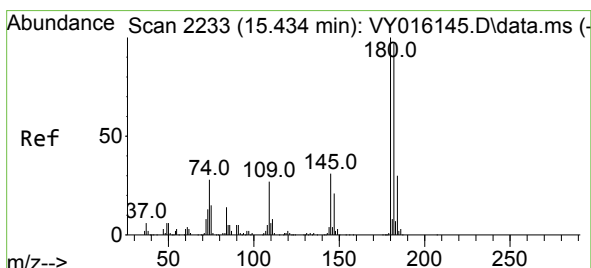
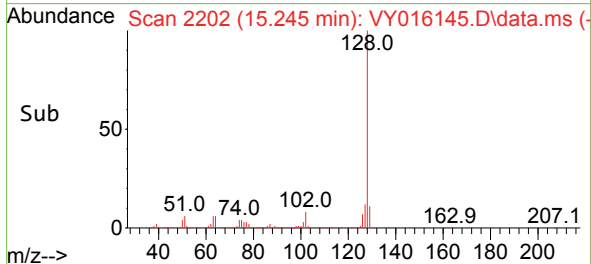
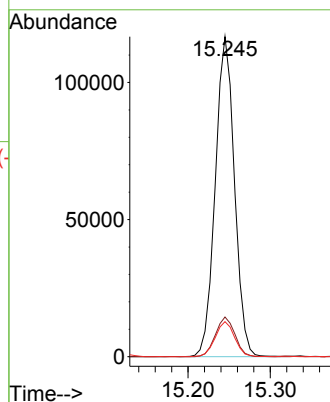
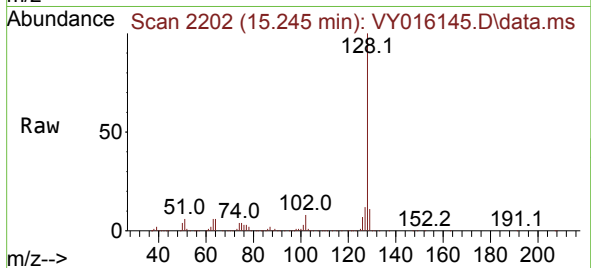
Tgt Ion:128 Resp: 189386

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.165 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016145.D

Acq: 31 Oct 2023 13:37

Tgt Ion:180 Resp: 85497

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 32.1 15.4 46.2

