

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016733.D
 Acq On : 20 Dec 2023 18:55
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 01:09:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:09:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	169228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	281309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	240003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	104815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148761	96.293	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.580%#	
35) Dibromofluoromethane	7.728	113	156955	97.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 194.800%#	
50) Toluene-d8	10.185	98	576214	99.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 198.380%#	
62) 4-Bromofluorobenzene	12.489	95	189179	100.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 200.760%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	143849	99.467	ug/l	97
3) Chloromethane	2.119	50	217282	97.743	ug/l	97
4) Vinyl Chloride	2.259	62	262520	104.551	ug/l	99
5) Bromomethane	2.656	94	187726	104.969	ug/l	95
6) Chloroethane	2.802	64	179136	105.285	ug/l	98
7) Trichlorofluoromethane	3.137	101	312804	106.939	ug/l	99
8) Diethyl Ether	3.540	74	102293	109.321	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	190972	106.432	ug/l	99
10) Methyl Iodide	4.101	142	212079	113.426	ug/l	99
11) Tert butyl alcohol	4.966	59	65367	516.635	ug/l	98
12) 1,1-Dichloroethene	3.887	96	175464	109.829	ug/l	98
13) Acrolein	3.741	56	46139	472.104	ug/l	99
14) Allyl chloride	4.491	41	276908	113.162	ug/l	100
15) Acrylonitrile	5.174	53	228150	575.756	ug/l	100
16) Acetone	3.954	43	207285	496.193	ug/l	100
17) Carbon Disulfide	4.204	76	483963	111.334	ug/l	99
18) Methyl Acetate	4.491	43	196139	120.142	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	466424	113.466	ug/l	100
20) Methylene Chloride	4.729	84	203175	108.755	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	201166	110.406	ug/l	98
22) Diisopropyl ether	6.131	45	626837	113.229	ug/l	95
23) Vinyl Acetate	6.070	43	1493744	570.502	ug/l	99
24) 1,1-Dichloroethane	6.033	63	359863	108.211	ug/l	98
25) 2-Butanone	6.996	43	305653	531.417	ug/l	99
26) 2,2-Dichloropropane	6.990	77	317302	109.337	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	232796	111.014	ug/l	99
28) Bromochloromethane	7.344	49	142018	107.897	ug/l	97
29) Tetrahydrofuran	7.356	42	185611	590.179	ug/l	99
30) Chloroform	7.515	83	369725	108.602	ug/l	99
31) Cyclohexane	7.795	56	309826	104.674	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	324718	108.662	ug/l	100
36) 1,1-Dichloropropene	7.929	75	285618	110.561	ug/l	100
37) Ethyl Acetate	7.082	43	127474	112.744	ug/l	100
38) Carbon Tetrachloride	7.911	117	283130	110.757	ug/l	99
39) Methylcyclohexane	9.191	83	352294	118.115	ug/l	98
40) Benzene	8.167	78	834472	111.002	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	62673	106.605	ug/l #	85
42) 1,2-Dichloroethane	8.246	62	218048	111.175	ug/l	99
43) Isopropyl Acetate	8.283	43	248770	115.676	ug/l	99
44) Trichloroethene	8.947	130	213366	111.201	ug/l	98
45) 1,2-Dichloropropane	9.222	63	207399	109.982	ug/l	99
46) Dibromomethane	9.313	93	109377	112.275	ug/l	99
47) Bromodichloromethane	9.502	83	284774	110.908	ug/l	97
48) Methyl methacrylate	9.295	41	145320	120.477	ug/l	99
49) 1,4-Dioxane	9.307	88	22111	2338.449	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	674161	588.349	ug/l	99
52) Toluene	10.252	92	518405	115.072	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	277320	118.447	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	324707	114.978	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	154592	111.223	ug/l	99
56) Ethyl methacrylate	10.514	69	153222	125.364	ug/l	98
57) 1,3-Dichloropropane	10.794	76	266292	112.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	398415	605.955	ug/l	100
59) 2-Hexanone	10.837	43	481710	563.790	ug/l	98
60) Dibromochloromethane	10.990	129	183012	113.821	ug/l	99
61) 1,2-Dibromoethane	11.093	107	141338	113.389	ug/l	99
64) Tetrachloroethene	10.727	164	166094	111.406	ug/l	99
65) Chlorobenzene	11.520	112	526206	111.593	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	198977	112.152	ug/l	99
67) Ethyl Benzene	11.599	91	1003804	115.657	ug/l	99
68) m/p-Xylenes	11.709	106	745789	232.699	ug/l	100
69) o-Xylene	12.038	106	349646	118.917	ug/l	100
70) Styrene	12.050	104	520549	119.644	ug/l	100
71) Bromoform	12.215	173	100661	113.804	ug/l #	97
73) Isopropylbenzene	12.337	105	942767	115.491	ug/l	100
74) N-amyl acetate	12.148	43	207061	120.520	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	175574	107.631	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	216852	186.864	ug/l #	100
77) Bromobenzene	12.611	156	199274	111.898	ug/l	99
78) n-propylbenzene	12.678	91	1128747	114.126	ug/l	99
79) 2-Chlorotoluene	12.764	91	618123	112.946	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	748655	115.858	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	56301	114.113	ug/l	96
82) 4-Chlorotoluene	12.861	91	636684	113.400	ug/l	100
83) tert-Butylbenzene	13.081	119	652064	116.011	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	739219	116.015	ug/l	98
85) sec-Butylbenzene	13.257	105	947108	113.764	ug/l	99
86) p-Isopropyltoluene	13.373	119	815932	117.685	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	392892	112.891	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	374332	110.151	ug/l	99
89) n-Butylbenzene	13.703	91	770782	116.299	ug/l	100
90) Hexachloroethane	13.971	117	160768	111.359	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	331651	111.859	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	22967	108.613	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	187368	119.099	ug/l	99
94) Hexachlorobutadiene	15.123	225	96935	108.483	ug/l	99
95) Naphthalene	15.245	128	376219	106.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	158391	118.214	ug/l	98

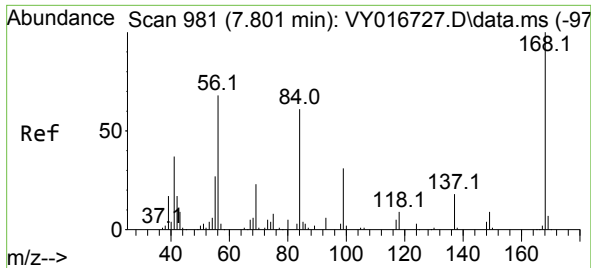
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Response via : Initial Calibration

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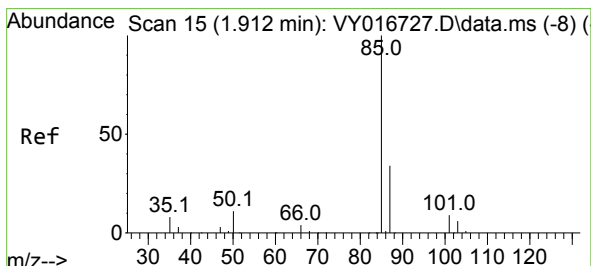
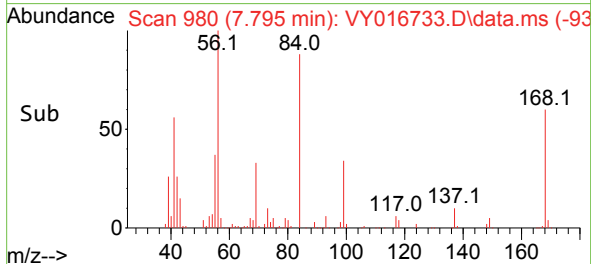
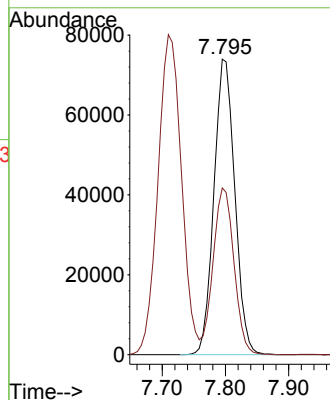
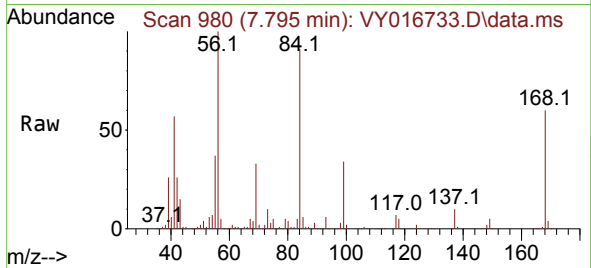
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

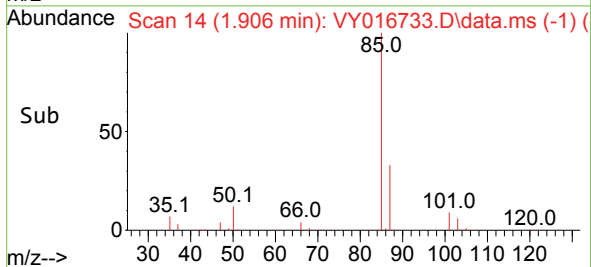
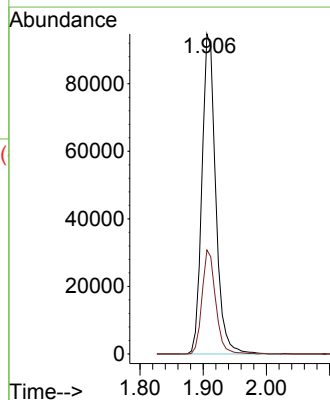
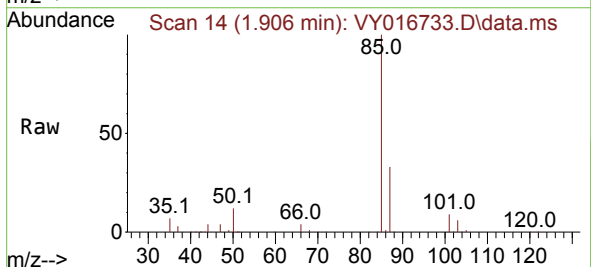
Instrument :
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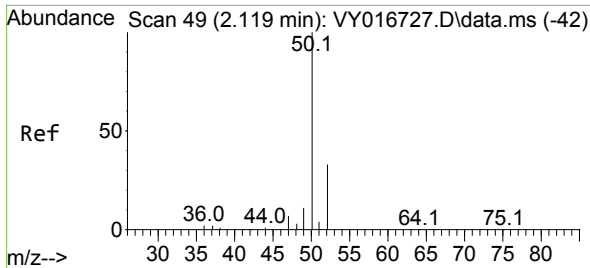
Tgt Ion:168 Resp: 169228
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 99.467 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 85 Resp: 143849
Ion Ratio Lower Upper
85 100
87 32.5 17.1 51.3

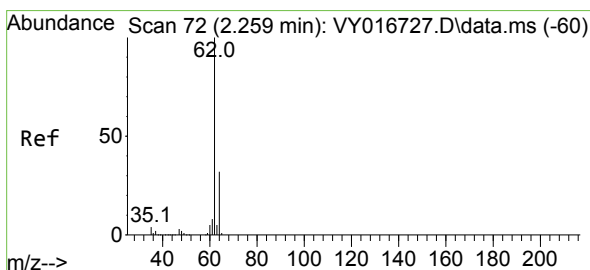
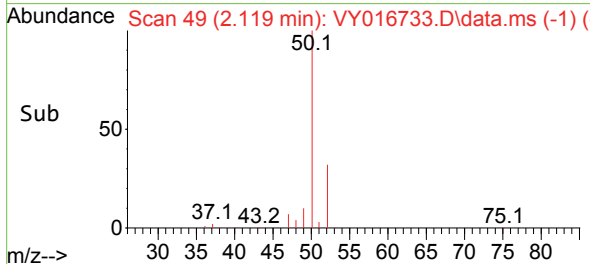
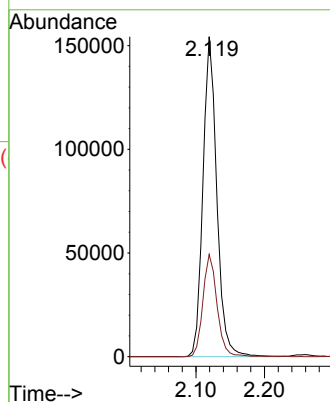
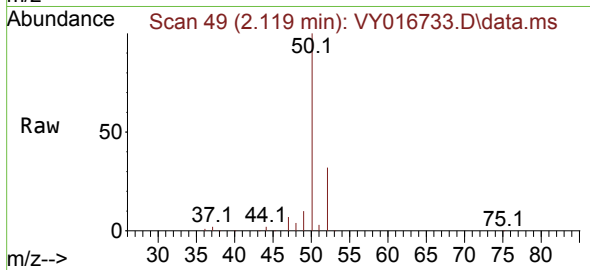




#3
 Chloromethane
 Concen: 97.743 ug/l
 RT: 2.119 min Scan# 49
 Delta R.T. 0.000 min
 Lab File: VY016733.D
 Acq: 20 Dec 2023 18:55

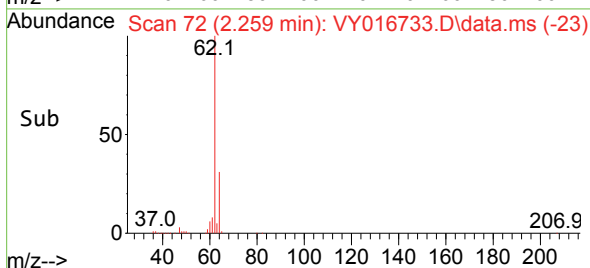
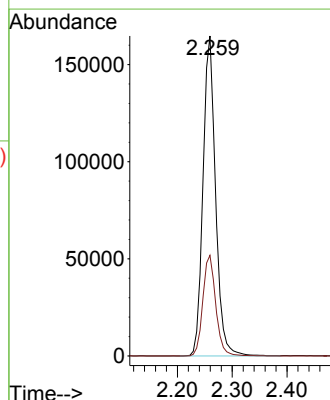
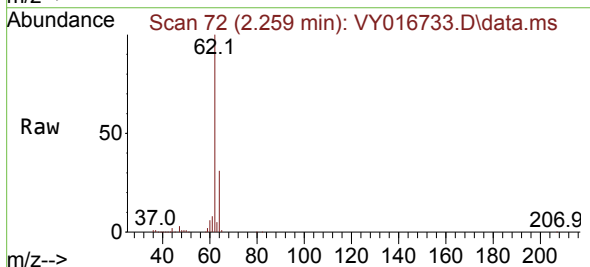
Instrument :
 MSVOA_Y
 ClientSampleId :

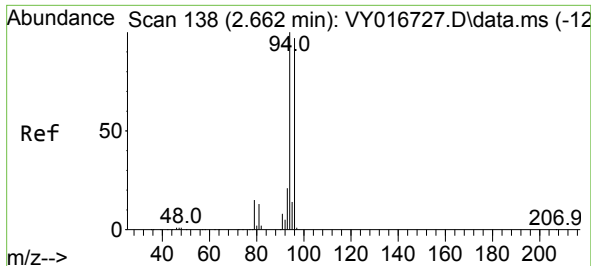
Tgt Ion: 50 Resp: 217282
 Ion Ratio Lower Upper
 50 100
 52 32.0 26.7 40.1



#4
 Vinyl Chloride
 Concen: 104.551 ug/l
 RT: 2.259 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY016733.D
 Acq: 20 Dec 2023 18:55

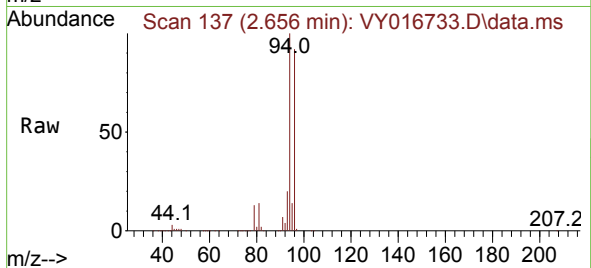
Tgt Ion: 62 Resp: 262520
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.7 38.5



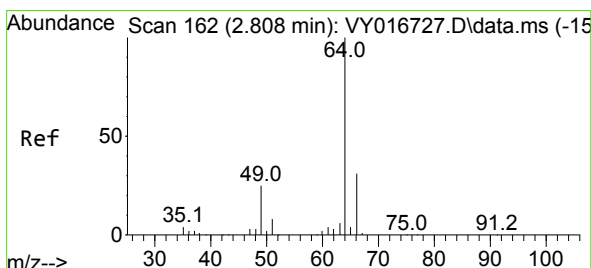
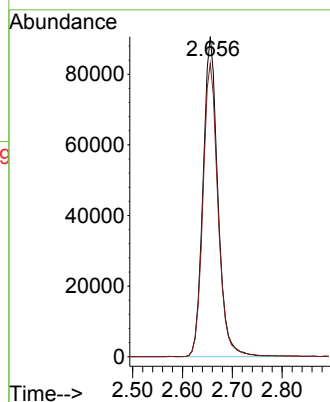
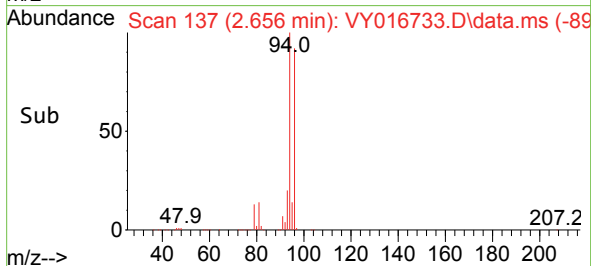


#5
Bromomethane
Concen: 104.969 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Instrument :
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ClientSampleId :

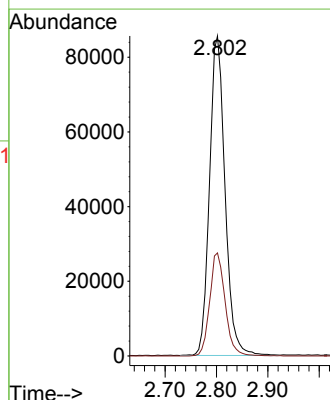
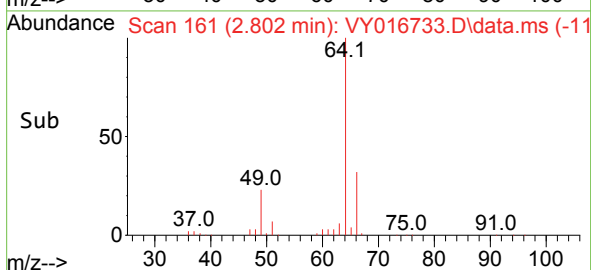
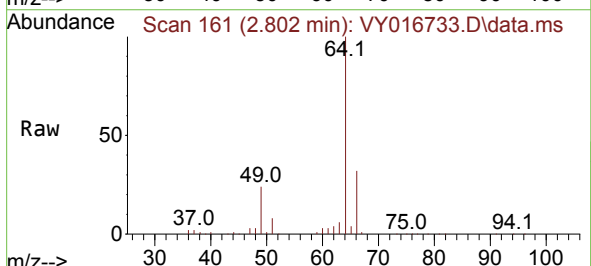


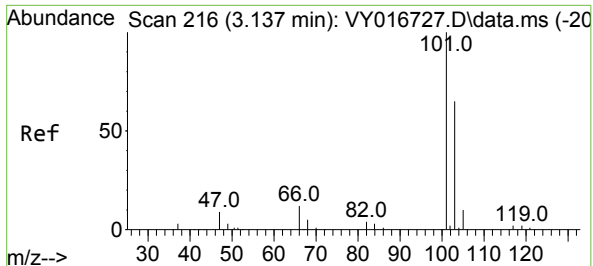
Tgt Ion: 94 Resp: 187726
Ion Ratio Lower Upper
94 100
96 91.6 77.3 115.9



#6
Chloroethane
Concen: 105.285 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

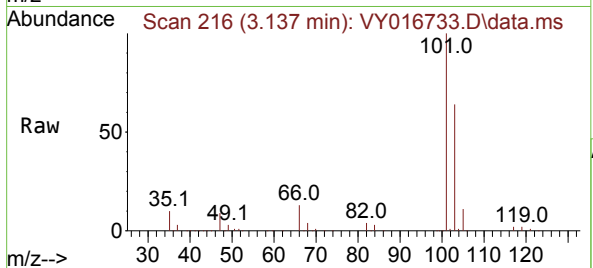
Tgt Ion: 64 Resp: 179136
Ion Ratio Lower Upper
64 100
66 32.2 25.1 37.7



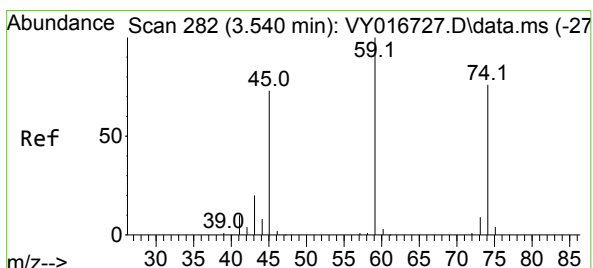
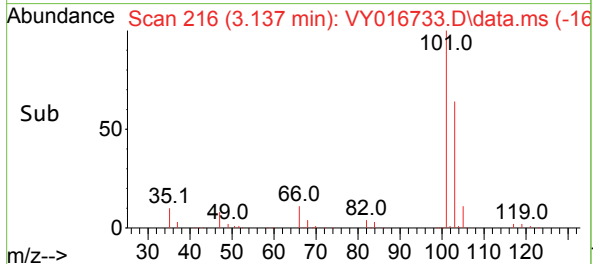
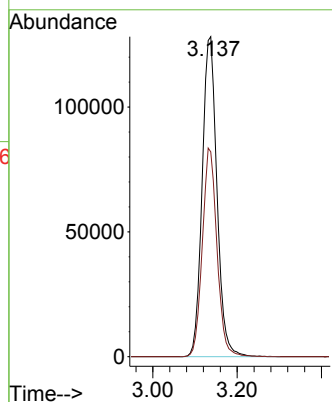


#7
 Trichlorofluoromethane
 Concen: 106.939 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016733.D
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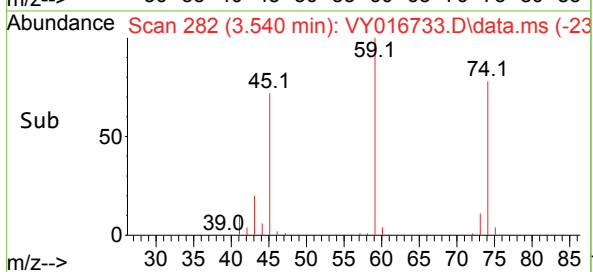
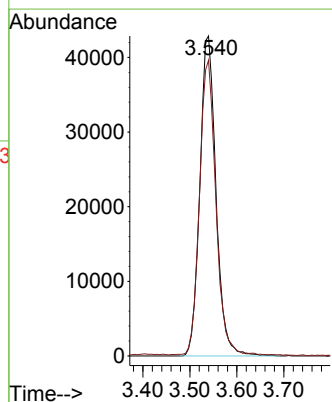
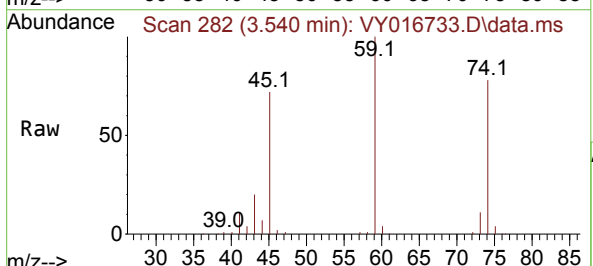


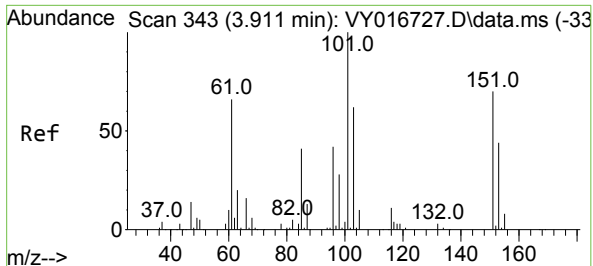
Tgt Ion:101 Resp: 312804
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9



#8
 Diethyl Ether
 Concen: 109.321 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY016733.D
 Acq: 20 Dec 2023 18:55

Tgt Ion: 74 Resp: 102293
 Ion Ratio Lower Upper
 74 100
 45 94.2 47.9 143.7

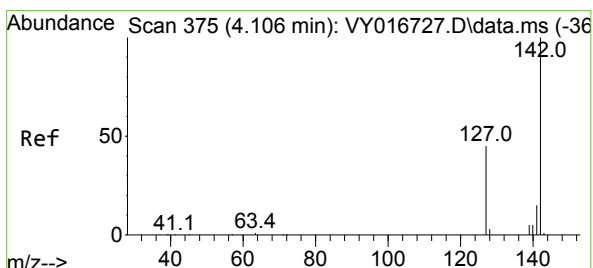
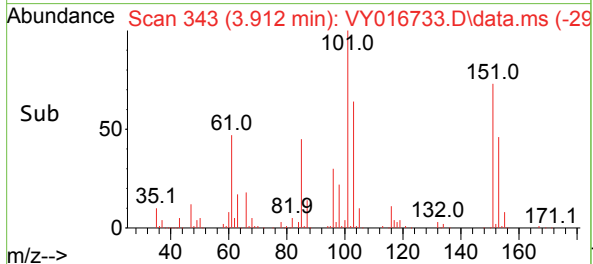
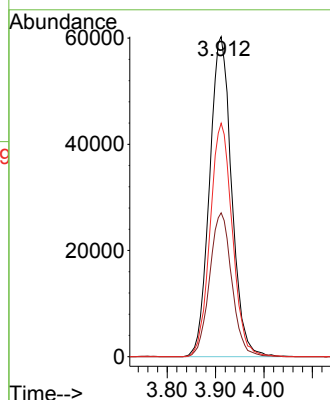
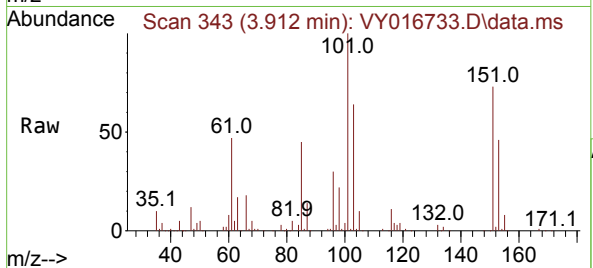




#9
1,1,2-Trichlorotrifluoroethane
Concen: 106.432 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY016733.D
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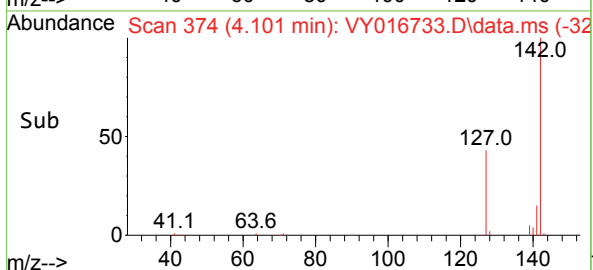
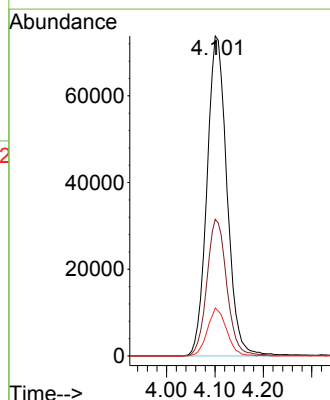
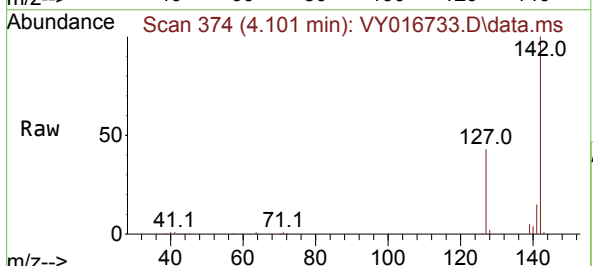
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MSVOA_Y
ClientSampleId :

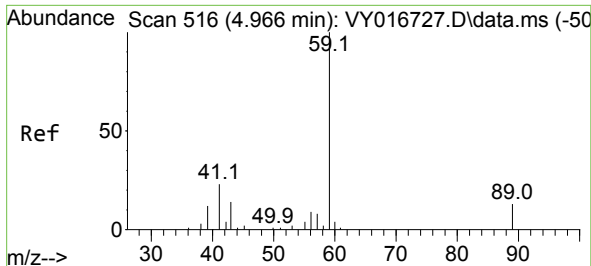
Tgt Ion:101 Resp: 190972
Ion Ratio Lower Upper
101 100
85 45.3 35.8 53.6
151 73.6 58.6 88.0



#10
Methyl Iodide
Concen: 113.426 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion:142 Resp: 212079
Ion Ratio Lower Upper
142 100
127 42.8 35.1 52.7
141 14.3 11.8 17.6

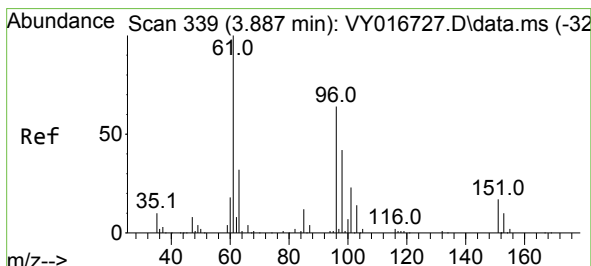
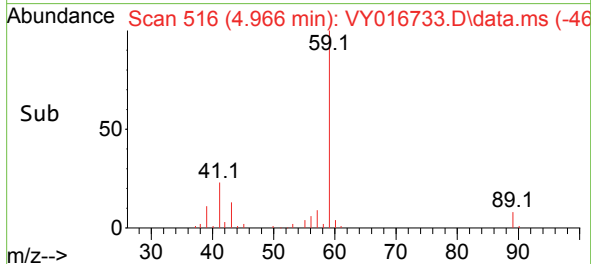
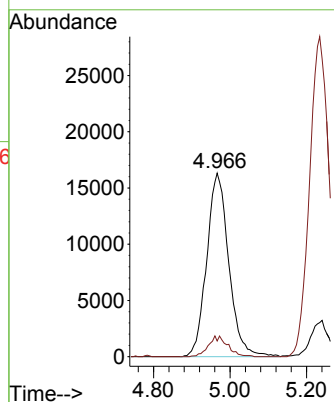
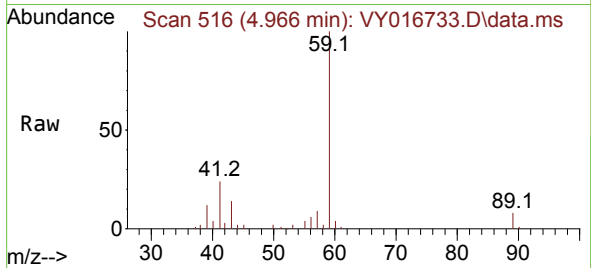




#11
Tert butyl alcohol
Concen: 516.635 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

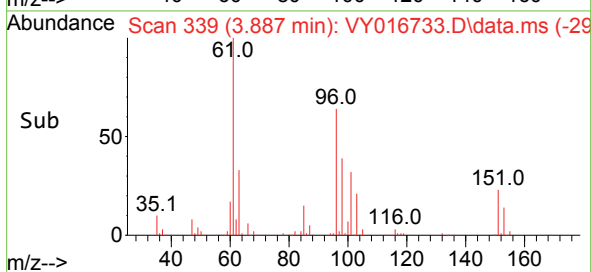
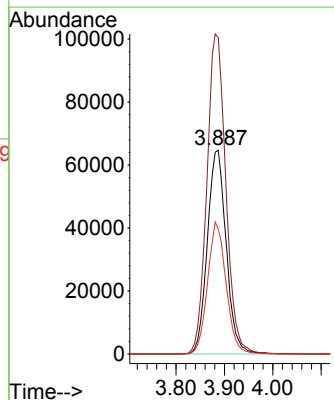
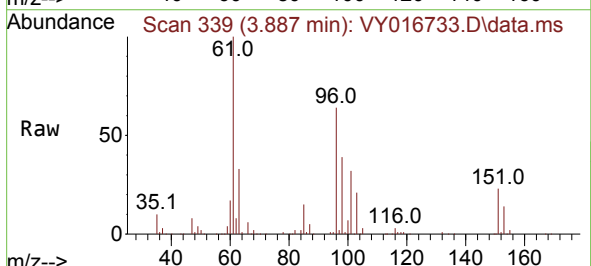
Instrument :
MSVOA_Y
ClientSampleId :

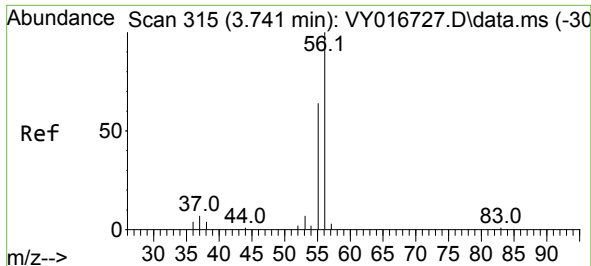
Tgt Ion: 59 Resp: 65367
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 109.829 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 96 Resp: 175464
Ion Ratio Lower Upper
96 100
61 155.2 124.2 186.2
98 61.1 52.6 79.0





#13

Acrolein

Concen: 472.104 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

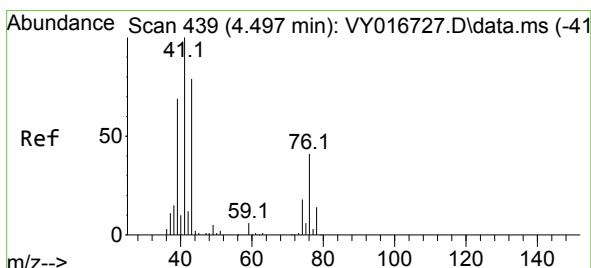
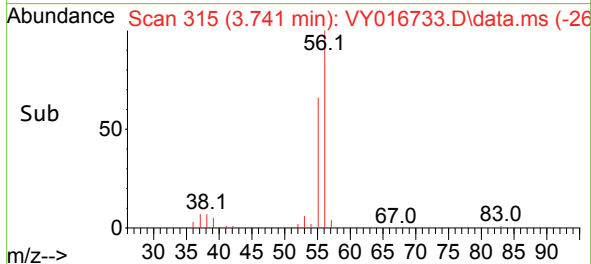
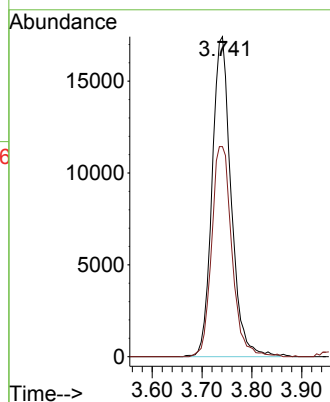
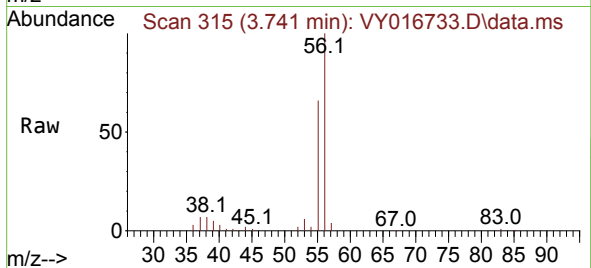
ClientSampleId :

Tgt Ion: 56 Resp: 46139

Ion Ratio Lower Upper

56 100

55 69.7 55.4 83.0



#14

Allyl chloride

Concen: 113.162 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

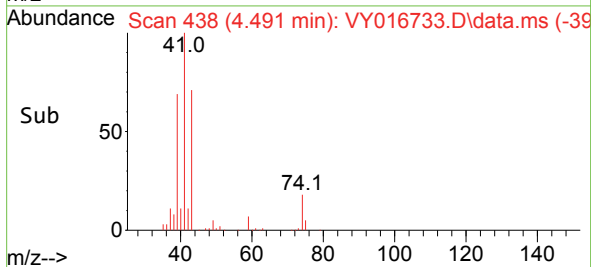
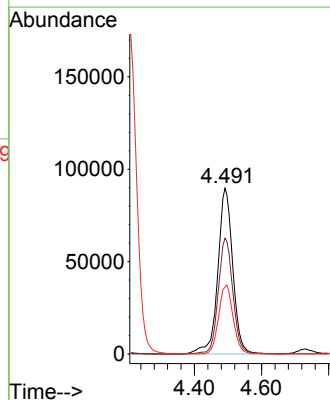
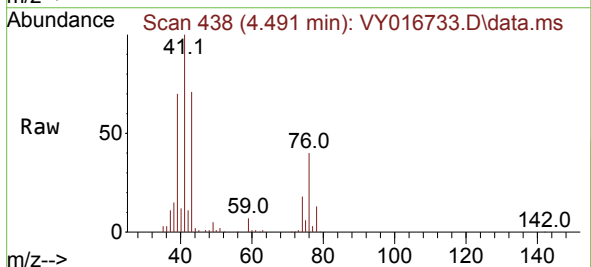
Tgt Ion: 41 Resp: 276908

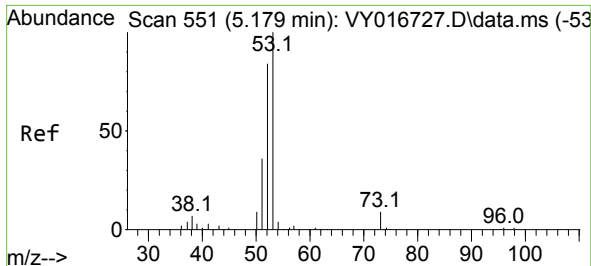
Ion Ratio Lower Upper

41 100

39 68.4 54.7 82.1

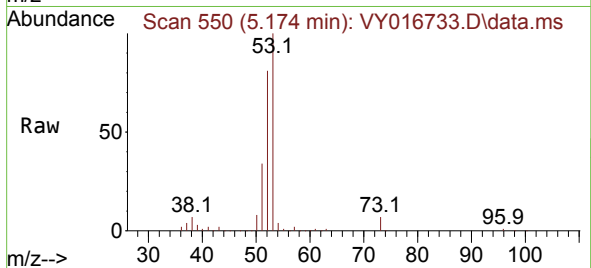
76 40.2 31.8 47.6



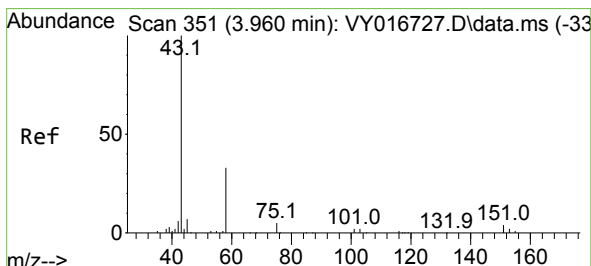
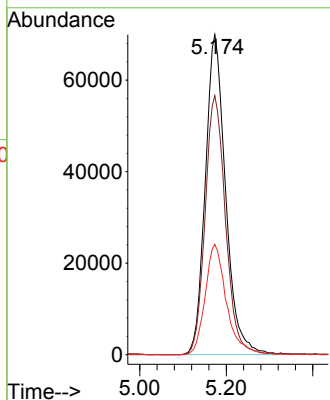
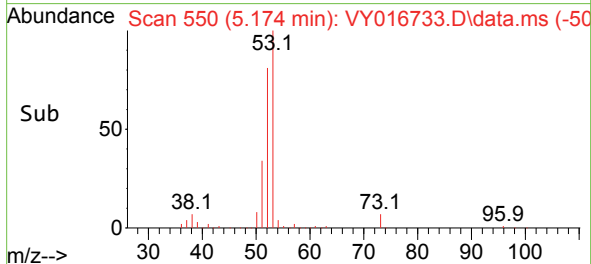


#15
Acrylonitrile
Concen: 575.756 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.005 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :

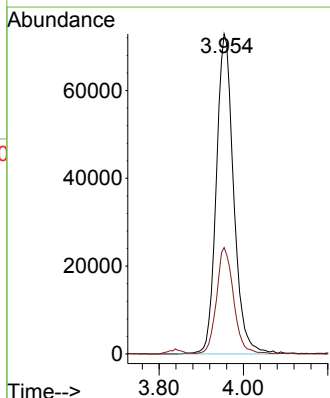
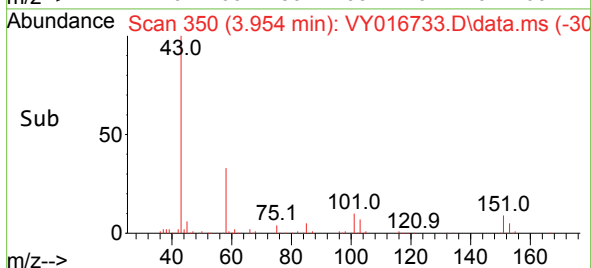
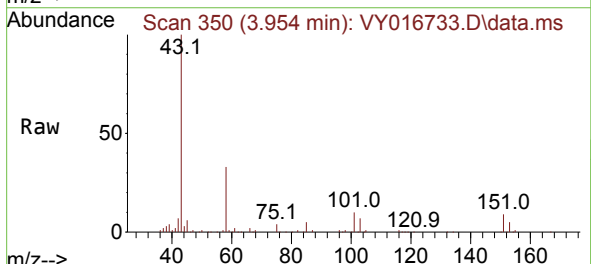


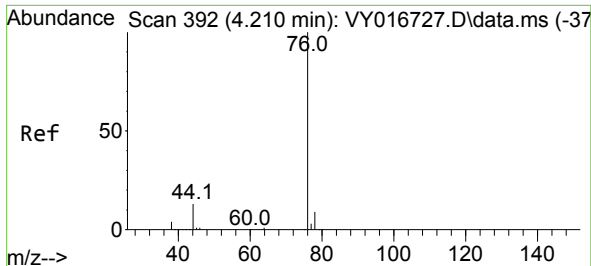
Tgt Ion: 53 Resp: 228150
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 36.2 29.0 43.4



#16
Acetone
Concen: 496.193 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 43 Resp: 207285
Ion Ratio Lower Upper
43 100
58 33.1 26.6 39.8





#17

Carbon Disulfide

Concen: 111.334 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

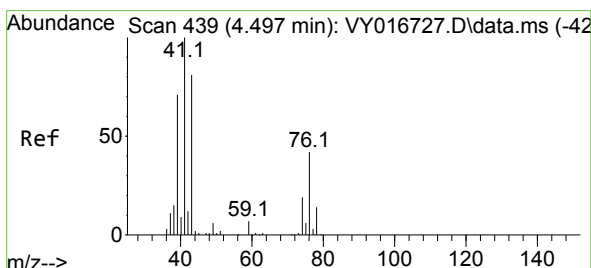
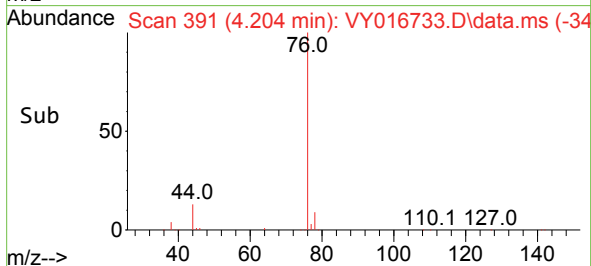
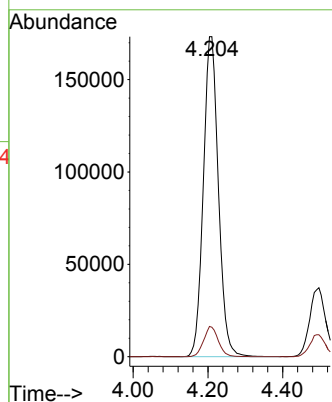
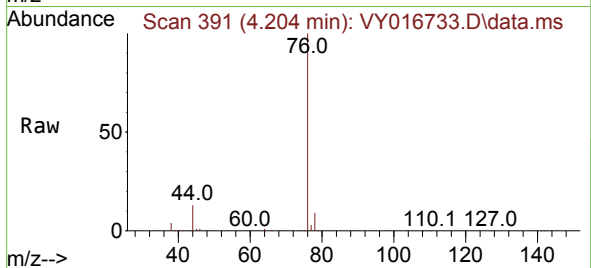
ClientSampleId :

Tgt Ion: 76 Resp: 483963

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



#18

Methyl Acetate

Concen: 120.142 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016733.D

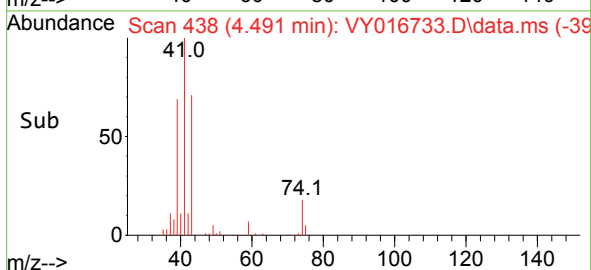
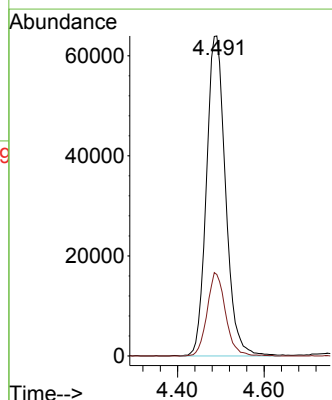
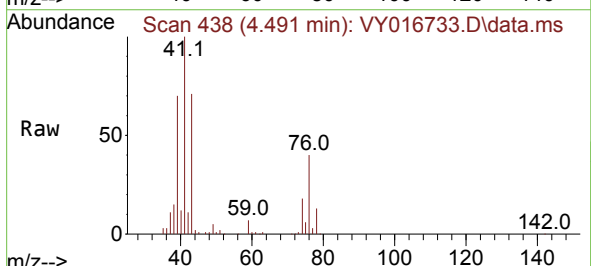
Acq: 20 Dec 2023 18:55

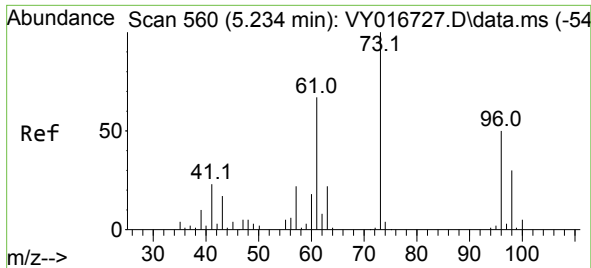
Tgt Ion: 43 Resp: 196139

Ion Ratio Lower Upper

43 100

74 25.1 19.8 29.6

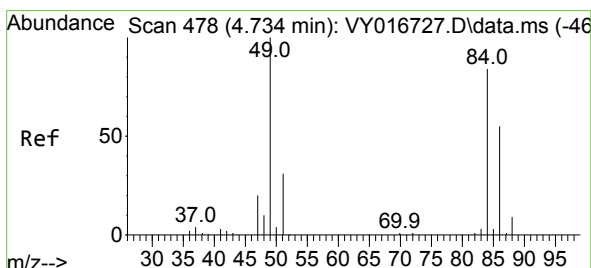
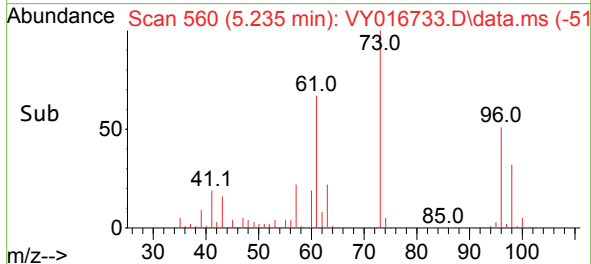
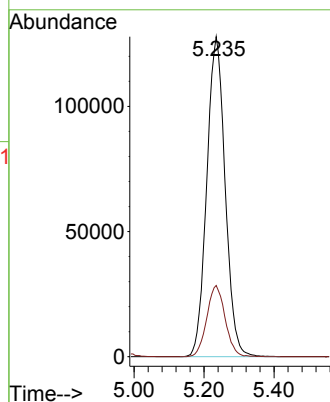
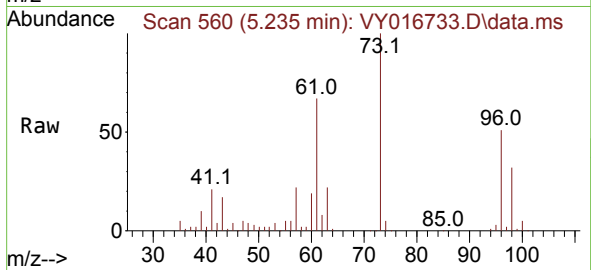




#19
Methyl tert-butyl Ether
Concen: 113.466 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

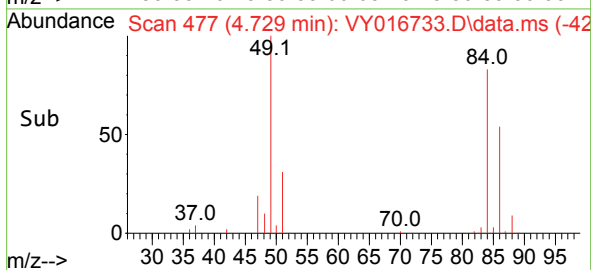
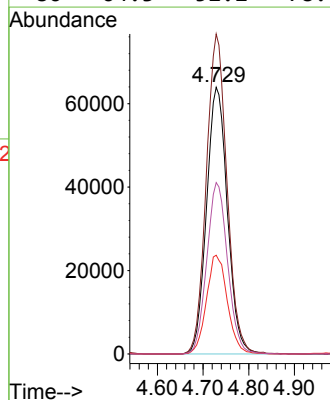
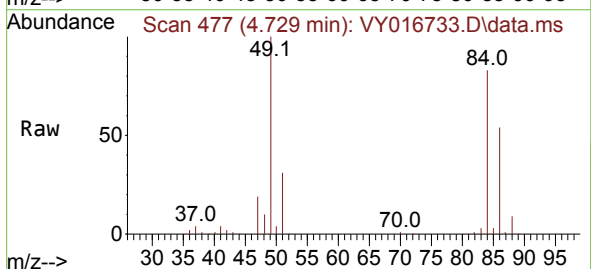
Instrument :
MSVOA_Y
ClientSampleId :

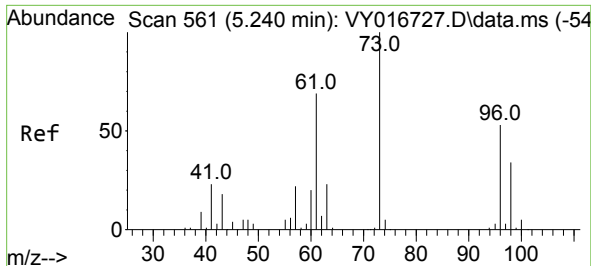
Tgt Ion: 73 Resp: 466424
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 108.755 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.005 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 84 Resp: 203175
Ion Ratio Lower Upper
84 100
49 120.0 95.2 142.8
51 37.0 29.9 44.9
86 64.3 52.2 78.4

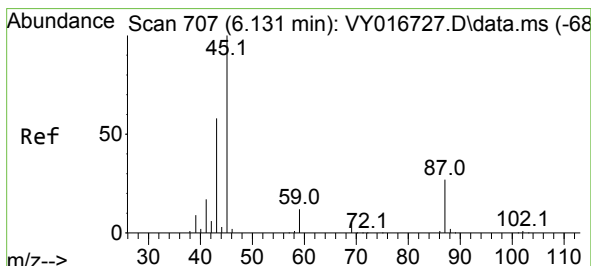
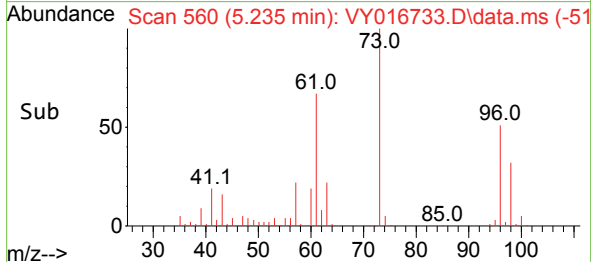
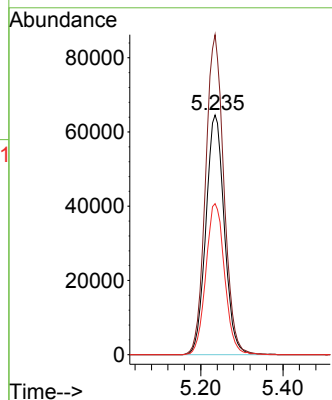
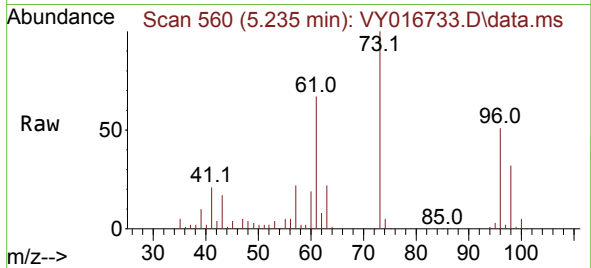




#21
trans-1,2-Dichloroethene
Concen: 110.406 ug/l
RT: 5.235 min Scan# 561
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

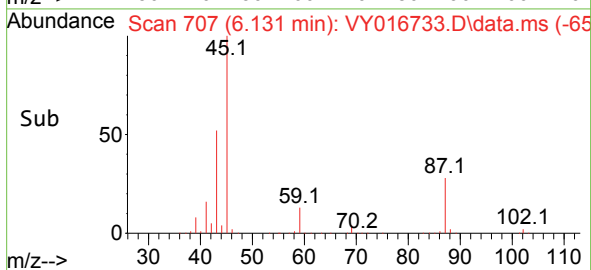
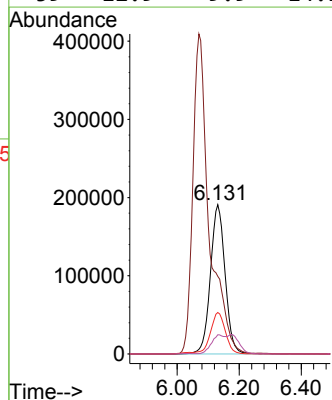
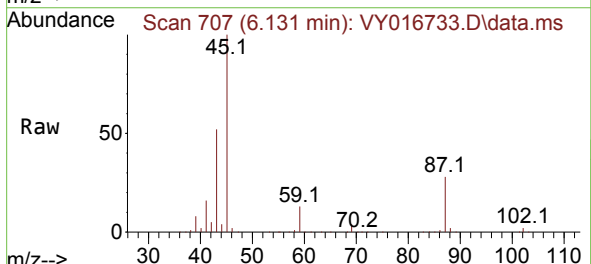
Instrument :
MSVOA_Y
ClientSampleId :

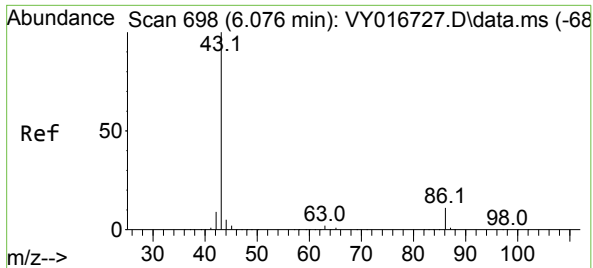
Tgt Ion: 96 Resp: 201166
Ion Ratio Lower Upper
96 100
61 133.5 104.6 156.8
98 63.0 50.9 76.3



#22
Diisopropyl ether
Concen: 113.229 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 45 Resp: 626837
Ion Ratio Lower Upper
45 100
43 52.0 46.8 70.2
87 27.7 22.2 33.2
59 12.9 9.9 14.9

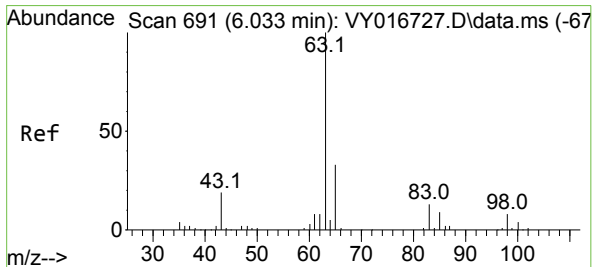
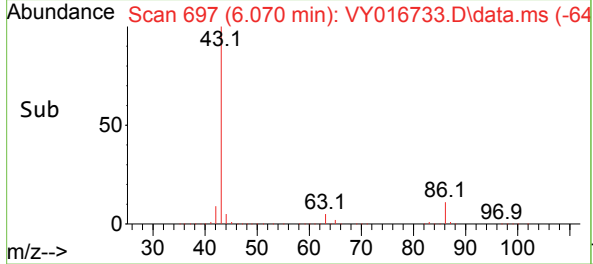
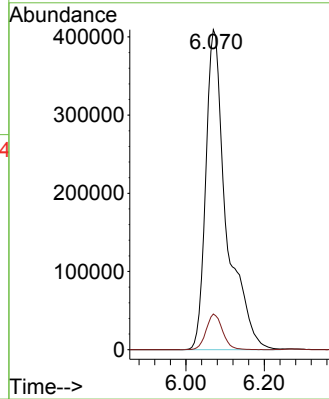
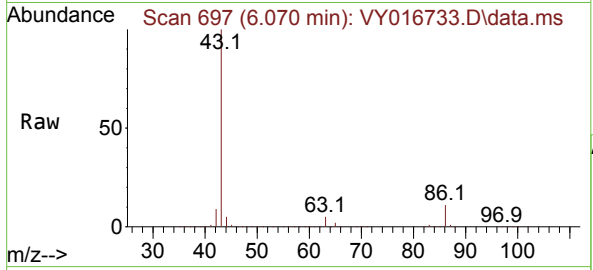




#23
 Vinyl Acetate
 Concen: 570.502 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY016733.D
 Acq: 20 Dec 2023 18:55

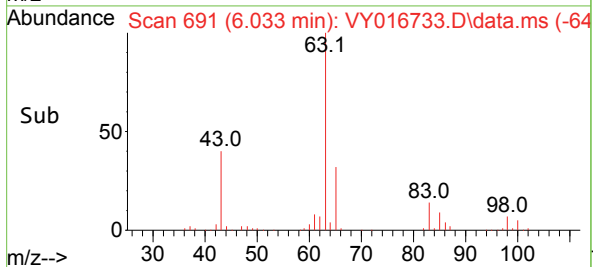
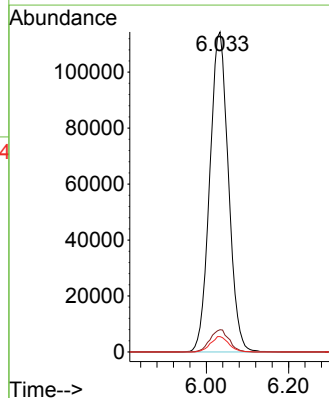
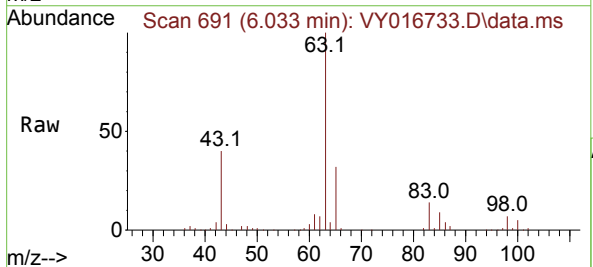
Instrument :
 MSVOA_Y
 ClientSampleId :

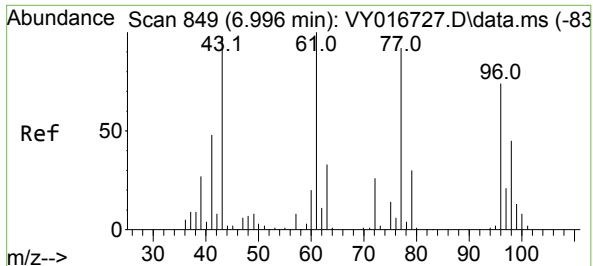
Tgt Ion: 43 Resp: 1493744
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 108.211 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016733.D
 Acq: 20 Dec 2023 18:55

Tgt Ion: 63 Resp: 359863
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 531.417 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

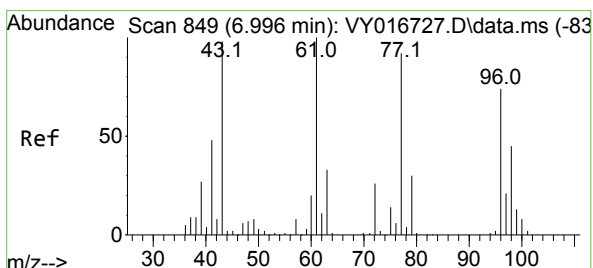
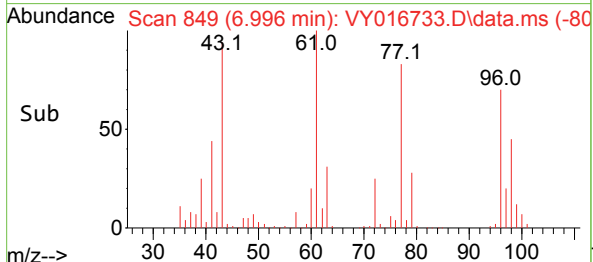
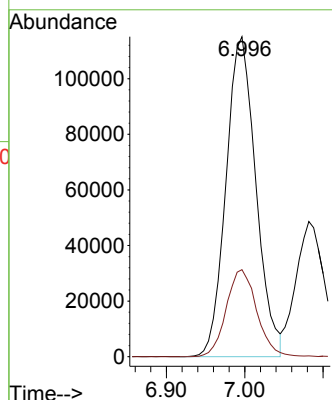
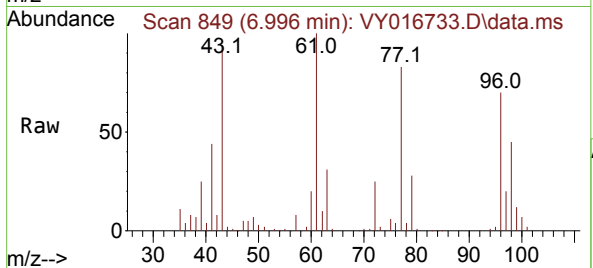
ClientSampleId :

Tgt Ion: 43 Resp: 305653

Ion Ratio Lower Upper

43 100

72 27.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 109.337 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016733.D

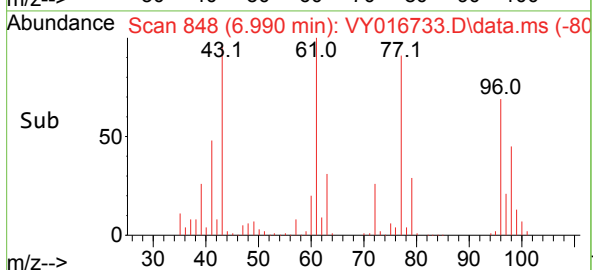
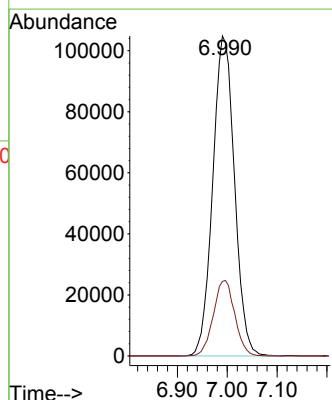
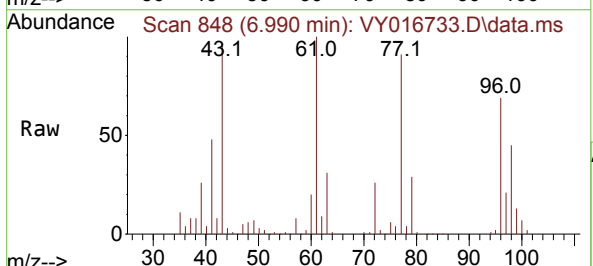
Acq: 20 Dec 2023 18:55

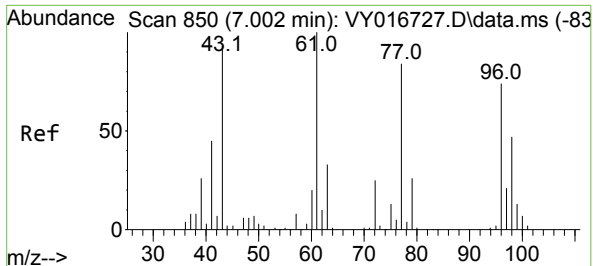
Tgt Ion: 77 Resp: 317302

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 111.014 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

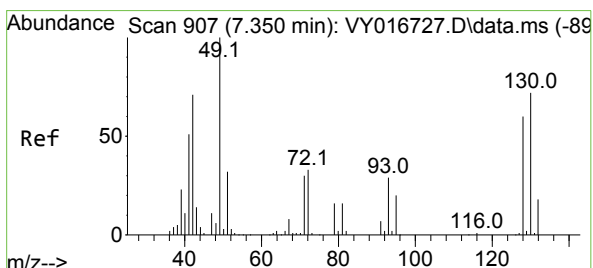
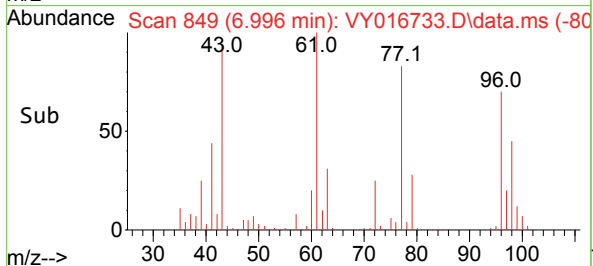
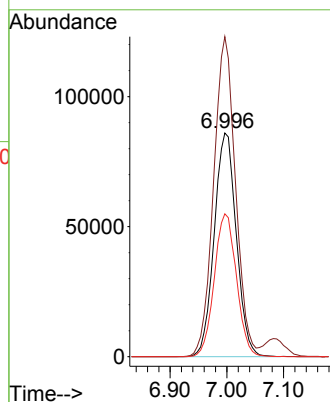
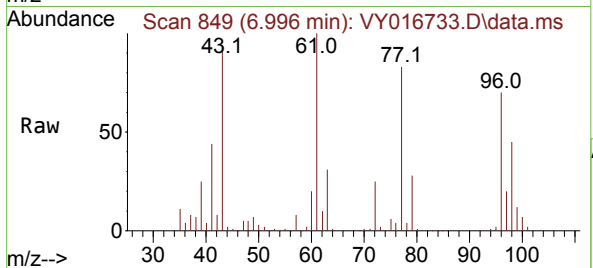
Tgt Ion: 96 Resp: 232796

Ion Ratio Lower Upper

96 100

61 141.3 0.0 278.8

98 64.1 0.0 127.0



#28

Bromochloromethane

Concen: 107.897 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

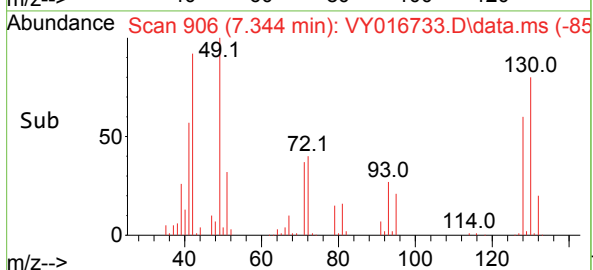
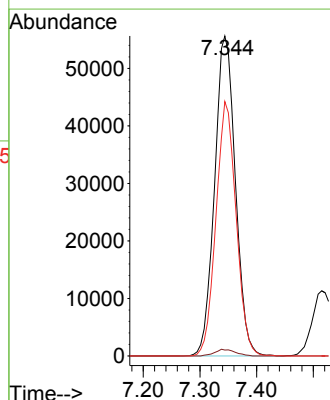
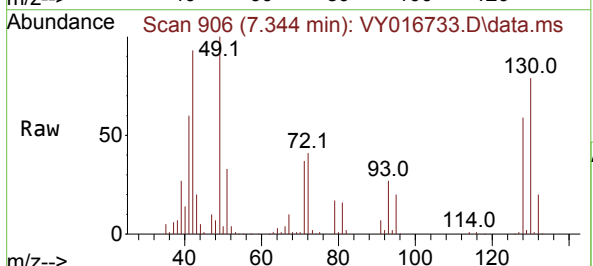
Tgt Ion: 49 Resp: 142018

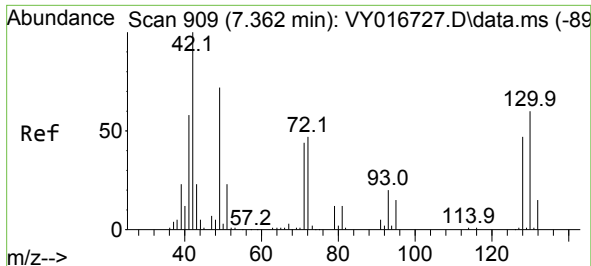
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 77.0 59.8 89.8

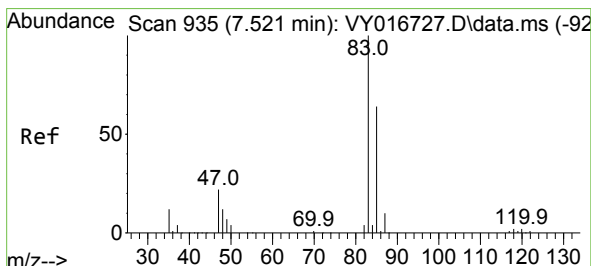
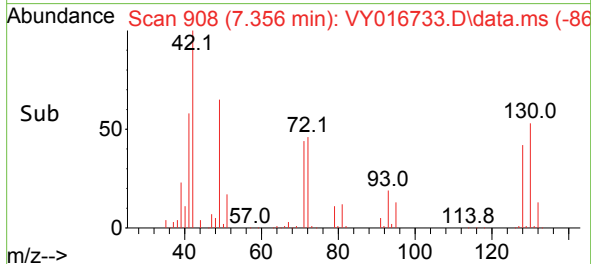
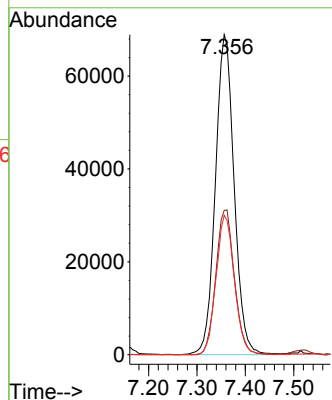
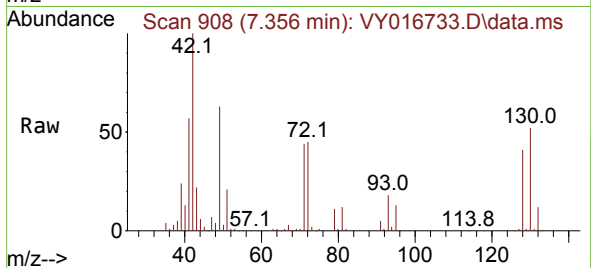




#29
Tetrahydrofuran
Concen: 590.179 ug/l
RT: 7.356 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

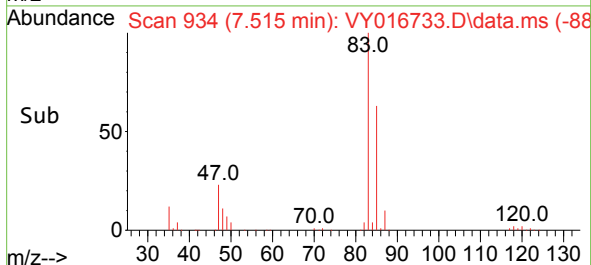
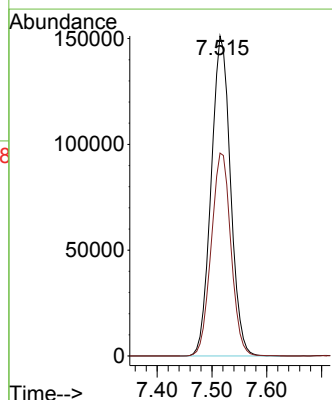
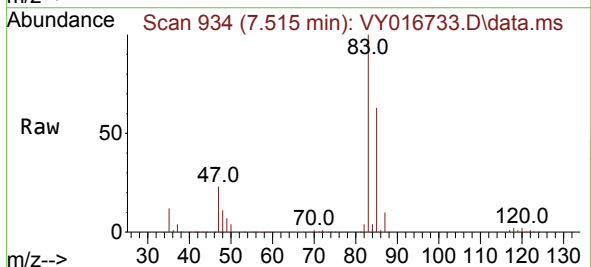
Instrument :
MSVOA_Y
ClientSampleId :

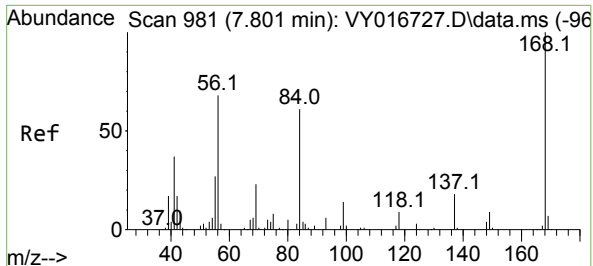
Tgt Ion: 42 Resp: 185611
Ion Ratio Lower Upper
42 100
72 44.9 36.6 54.8
71 42.5 33.8 50.6



#30
Chloroform
Concen: 108.602 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 83 Resp: 369725
Ion Ratio Lower Upper
83 100
85 63.4 51.2 76.8

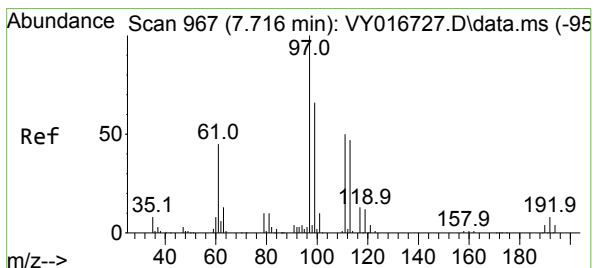
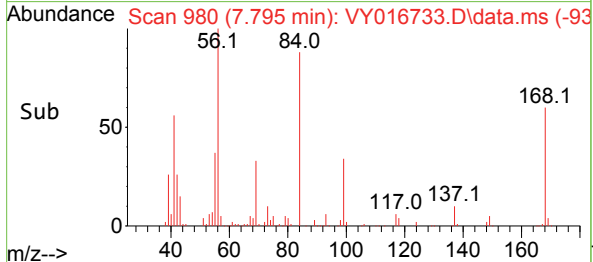
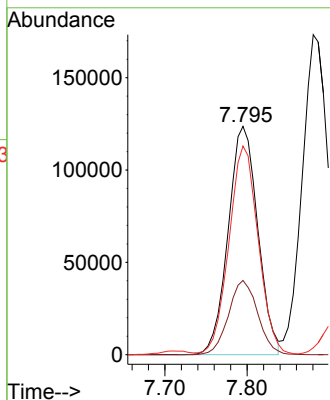
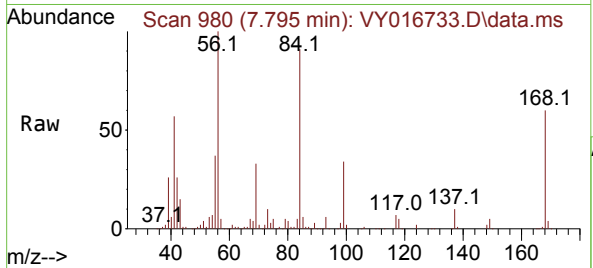




#31
Cyclohexane
Concen: 104.674 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

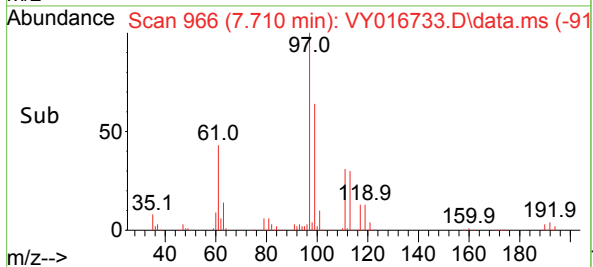
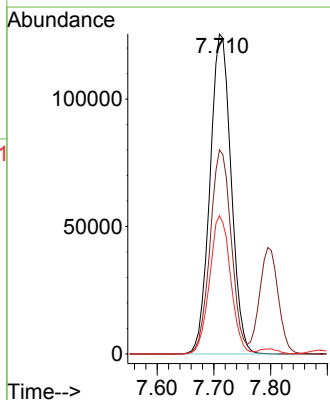
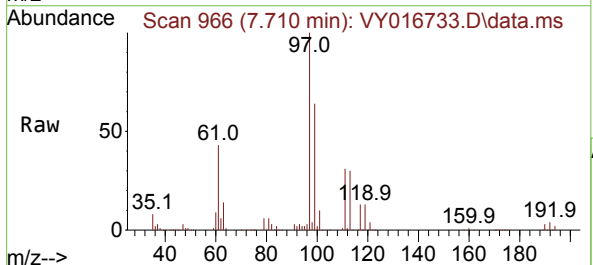
Instrument :
MSVOA_Y
ClientSampleId :

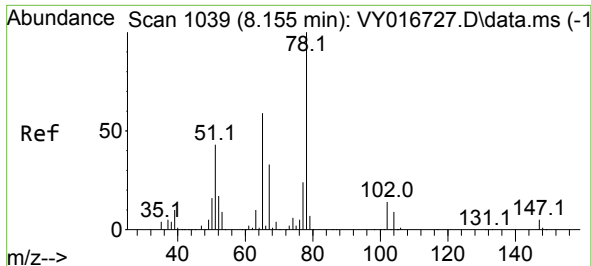
Tgt Ion: 56 Resp: 309826
Ion Ratio Lower Upper
56 100
69 32.5 27.0 40.6
84 89.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 108.662 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 97 Resp: 324718
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 43.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 96.293 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

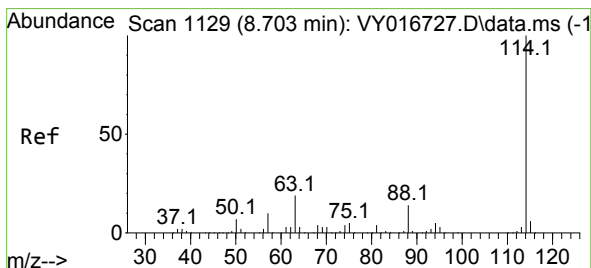
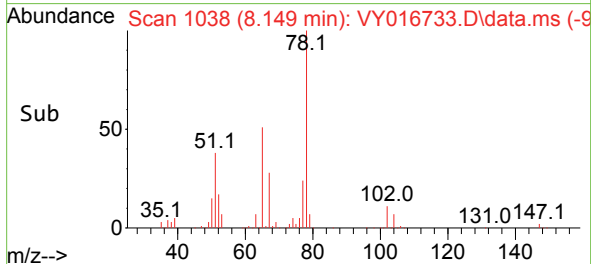
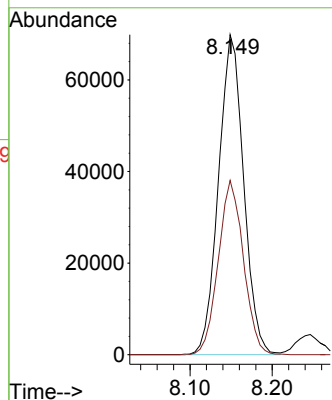
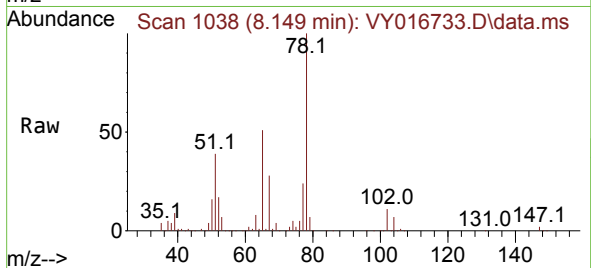
ClientSampleId :

Tgt Ion: 65 Resp: 148761

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

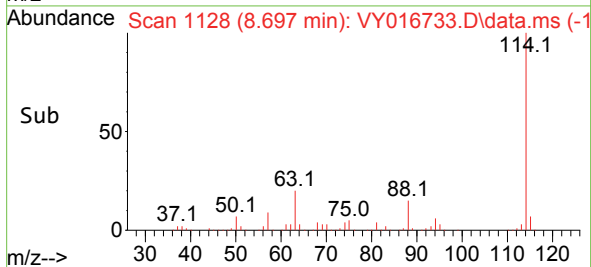
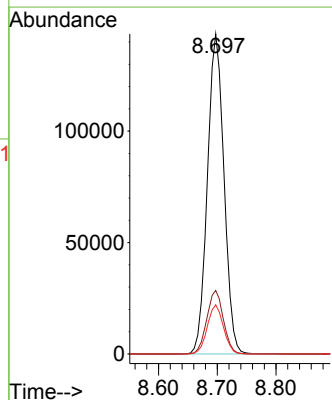
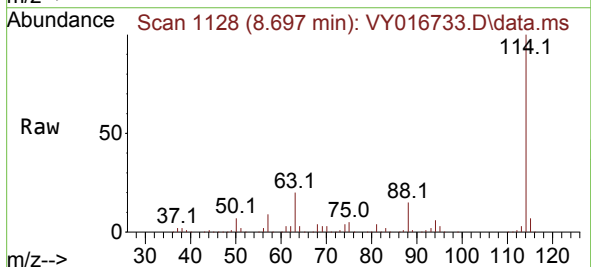
Tgt Ion: 114 Resp: 281309

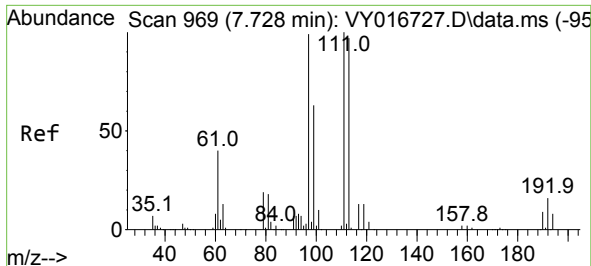
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

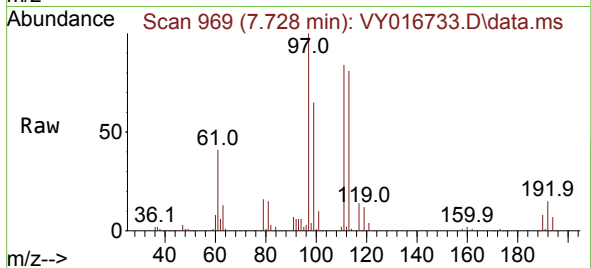
88 15.4 0.0 29.0



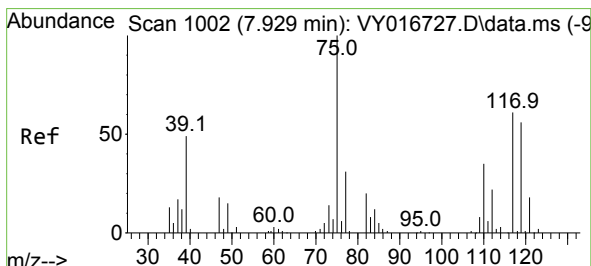
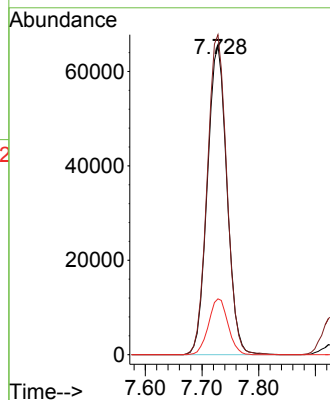
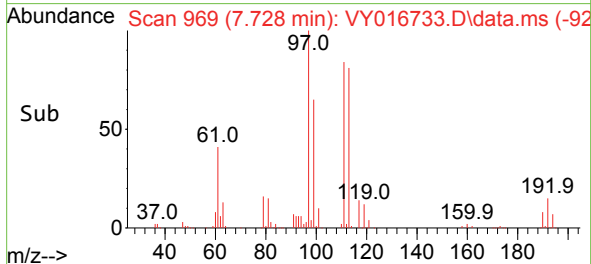


#35
Dibromofluoromethane
Concen: 97.402 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :

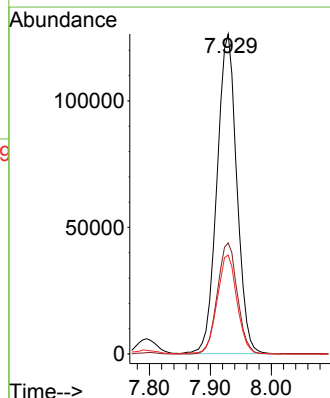
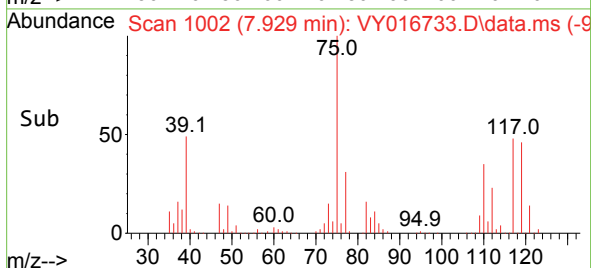
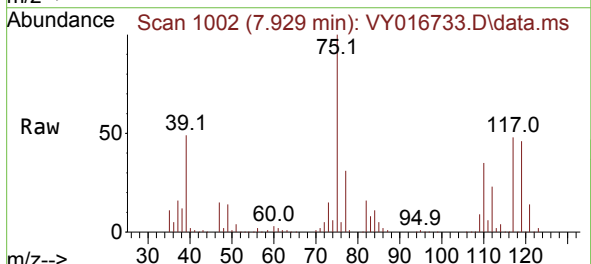


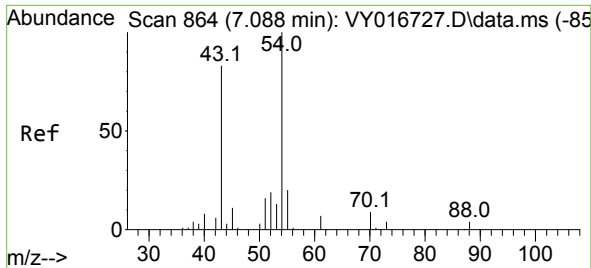
Tgt Ion:113 Resp: 156955
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 110.561 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 75 Resp: 285618
Ion Ratio Lower Upper
75 100
110 35.0 17.4 52.3
77 31.1 24.7 37.1

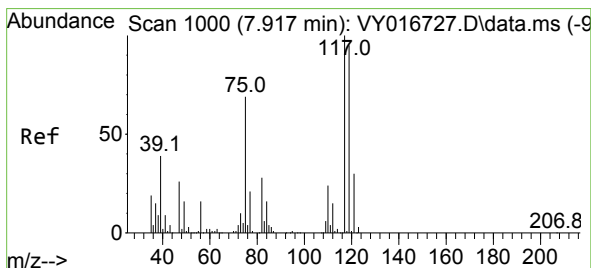
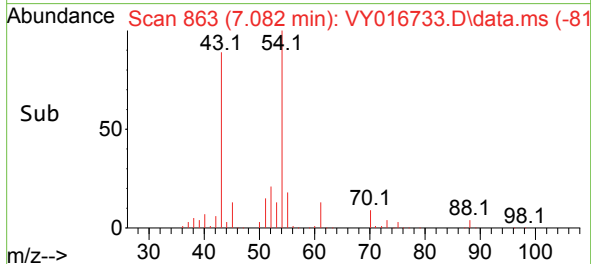
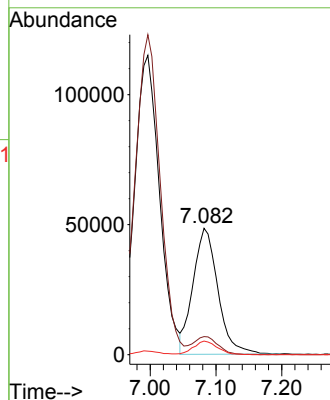
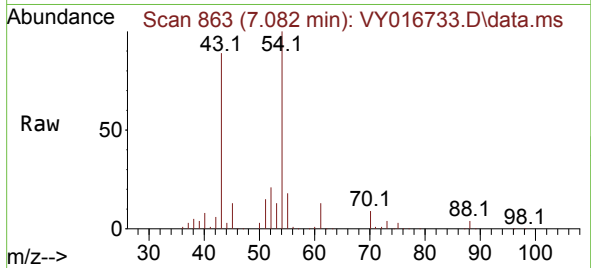




#37
Ethyl Acetate
Concen: 112.744 ug/l
RT: 7.082 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

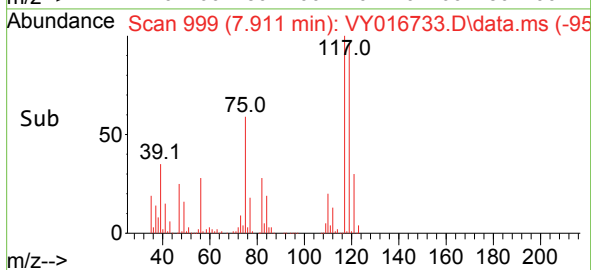
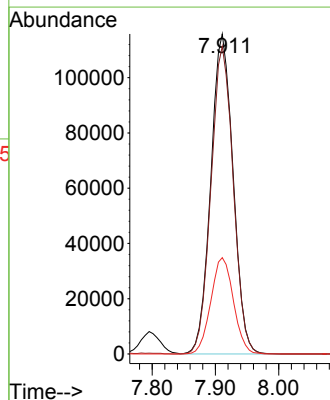
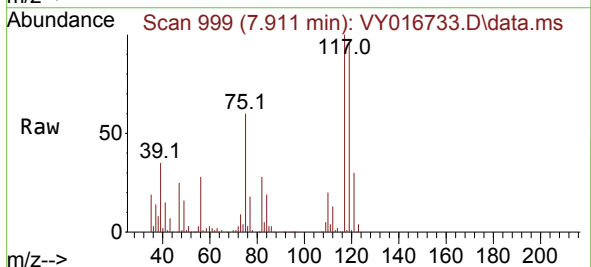
Instrument :
MSVOA_Y
ClientSampleId :

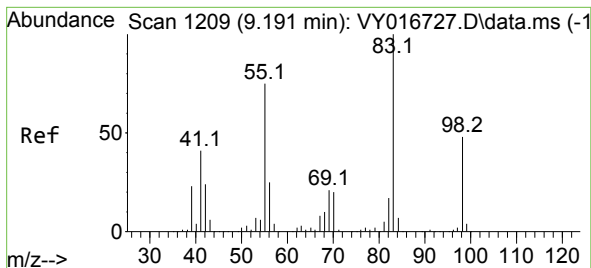
Tgt Ion: 43 Resp: 127474
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 110.757 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 117 Resp: 283130
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0
121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 118.115 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

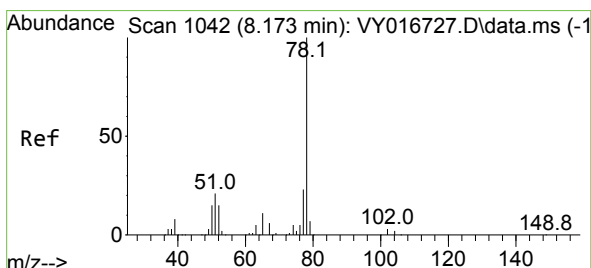
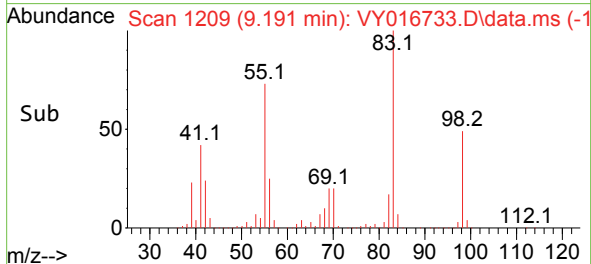
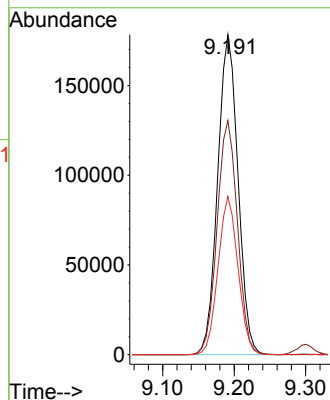
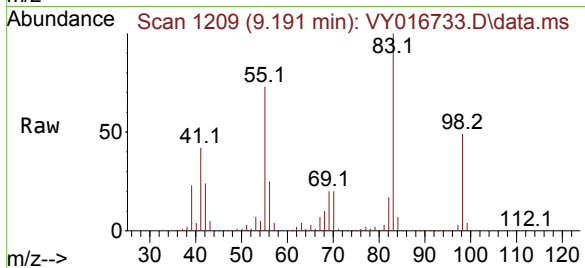
Tgt Ion: 83 Resp: 352294

Ion Ratio Lower Upper

83 100

55 73.2 59.7 89.5

98 49.5 38.0 57.0



#40

Benzene

Concen: 111.002 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016733.D

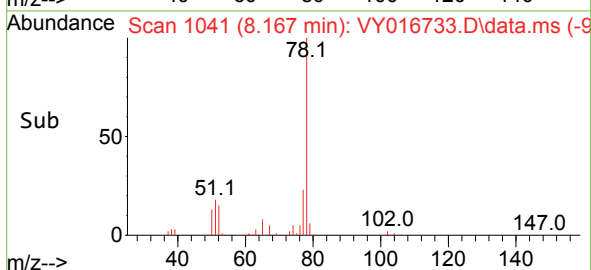
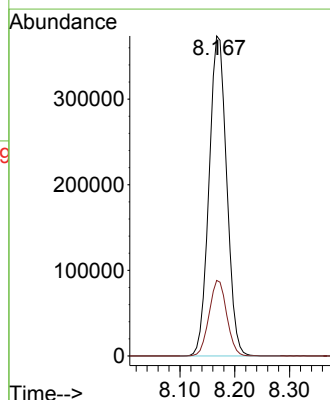
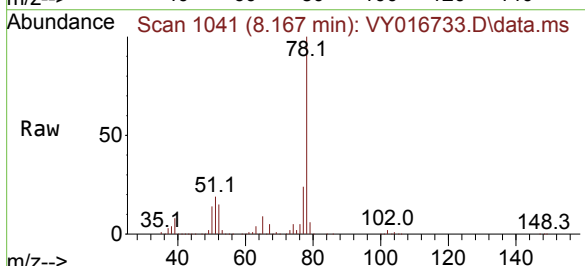
Acq: 20 Dec 2023 18:55

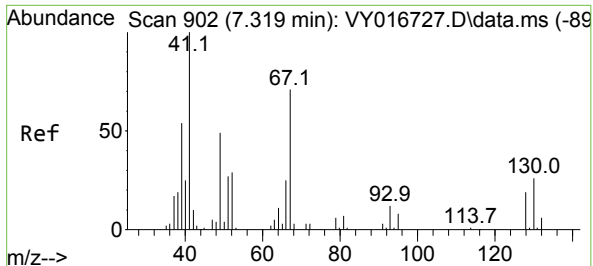
Tgt Ion: 78 Resp: 834472

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2



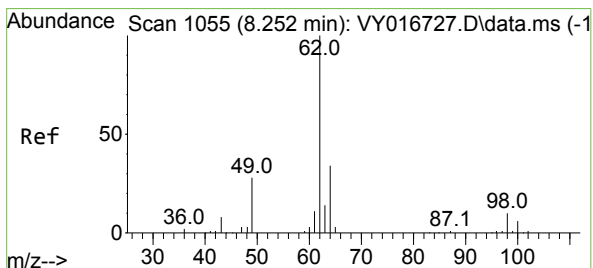
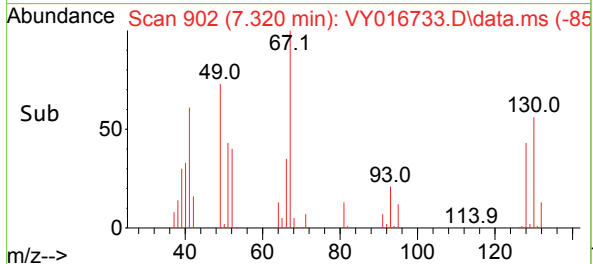
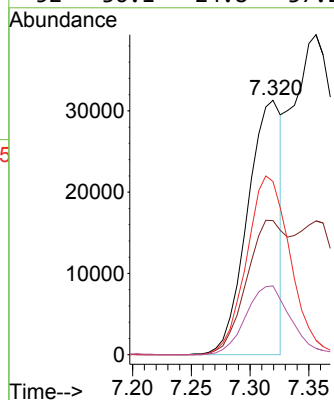
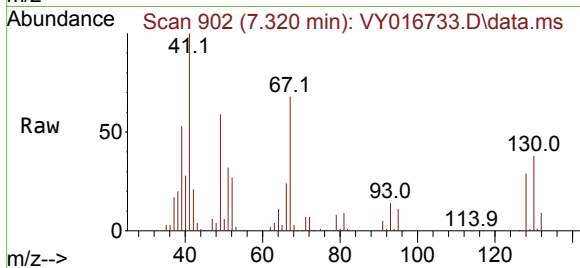


#41
Methacrylonitrile
Concen: 106.605 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 62673

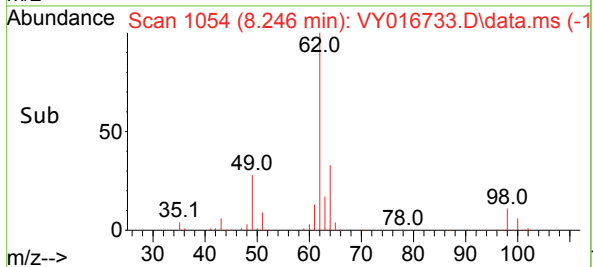
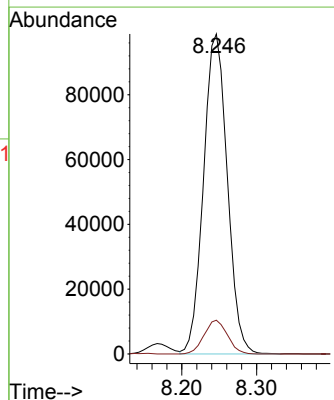
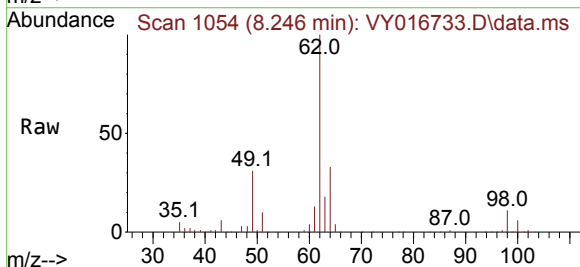
Ion	Ratio	Lower	Upper
41	100		
39	62.3	41.9	62.9
67	90.9	59.8	89.6
52	36.1	24.8	37.2

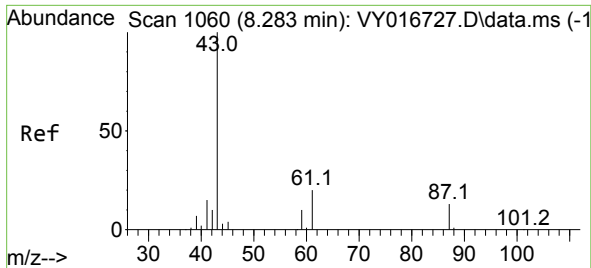


#42
1,2-Dichloroethane
Concen: 111.175 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 62 Resp: 218048

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

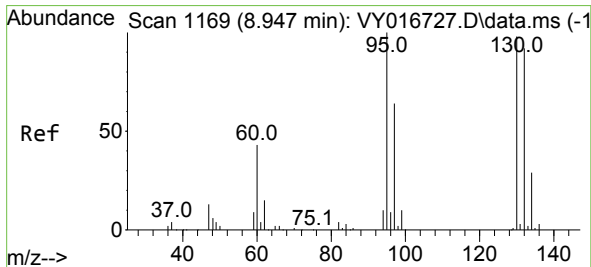
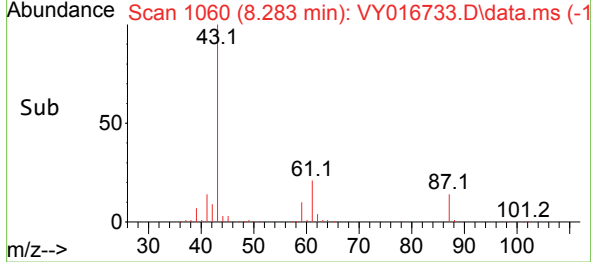
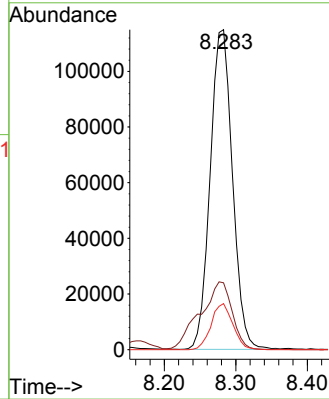
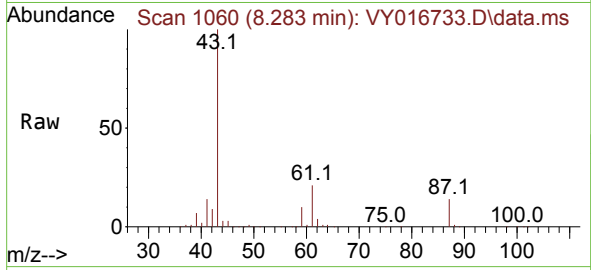




#43
Isopropyl Acetate
Concen: 115.676 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

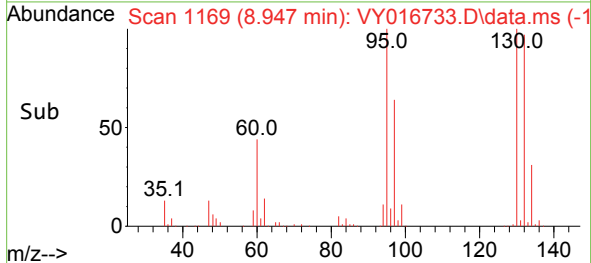
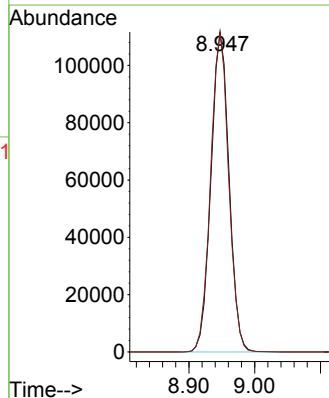
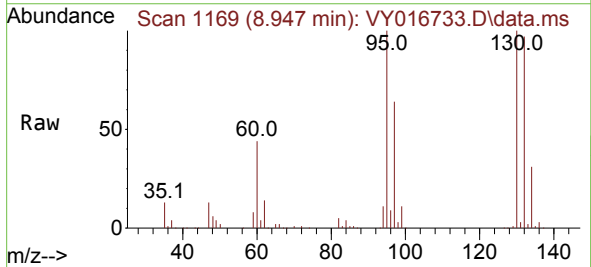
Instrument :
MSVOA_Y
ClientSampleId :

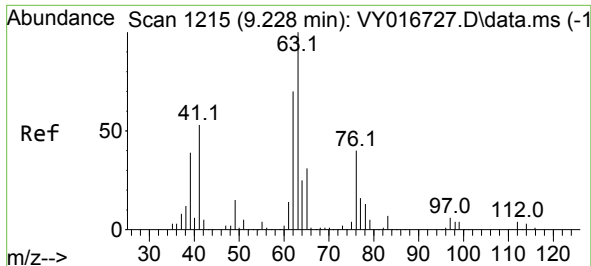
Tgt Ion: 43 Resp: 248770
Ion Ratio Lower Upper
43 100
61 30.5 24.8 37.2
87 14.1 10.7 16.1



#44
Trichloroethene
Concen: 111.201 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion:130 Resp: 213366
Ion Ratio Lower Upper
130 100
95 100.2 0.0 203.8

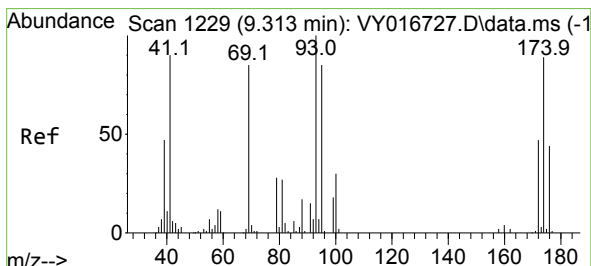
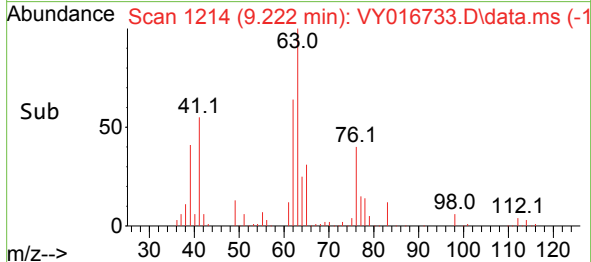
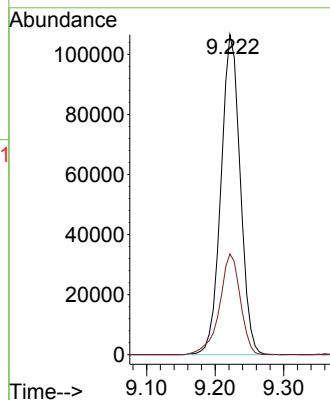
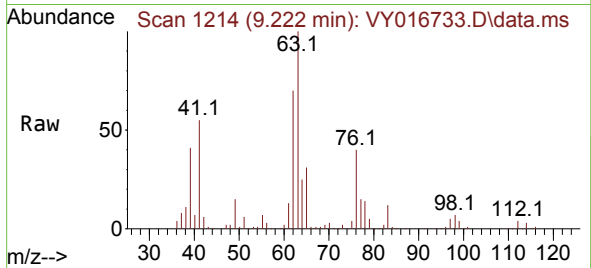




#45
1,2-Dichloropropane
Concen: 109.982 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

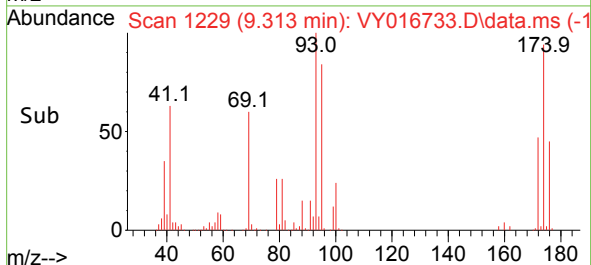
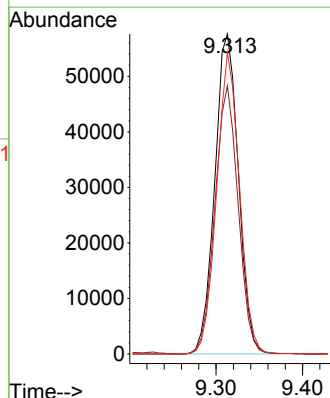
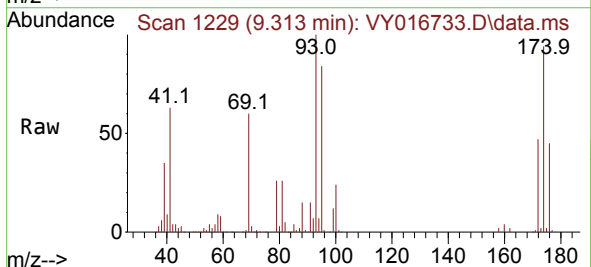
Instrument :
MSVOA_Y
ClientSampleId :

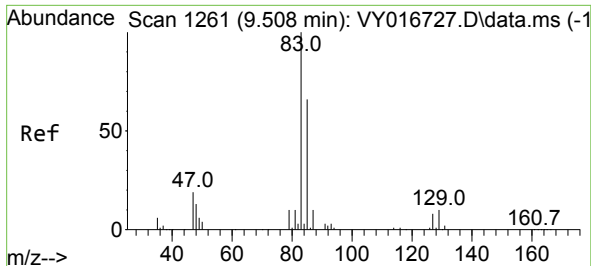
Tgt Ion: 63 Resp: 207399
Ion Ratio Lower Upper
63 100
65 31.5 24.6 36.8



#46
Dibromomethane
Concen: 112.275 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 93 Resp: 109377
Ion Ratio Lower Upper
93 100
95 82.4 66.6 99.8
174 90.7 73.8 110.6

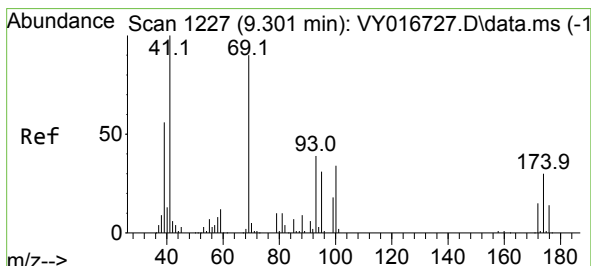
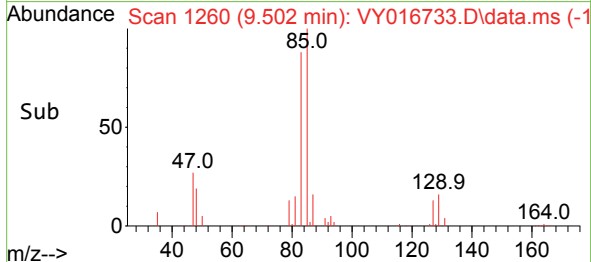
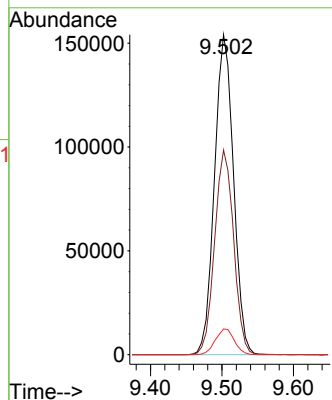
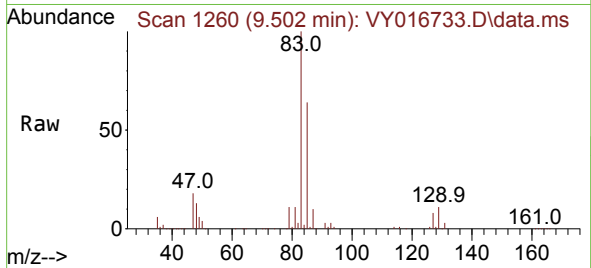




#47
Bromodichloromethane
Concen: 110.908 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

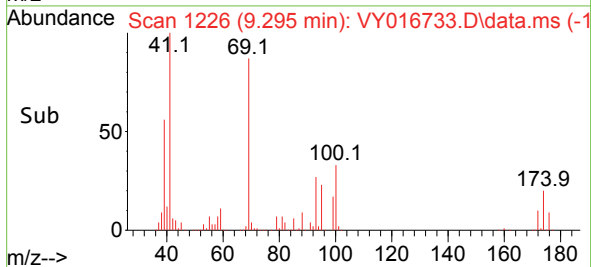
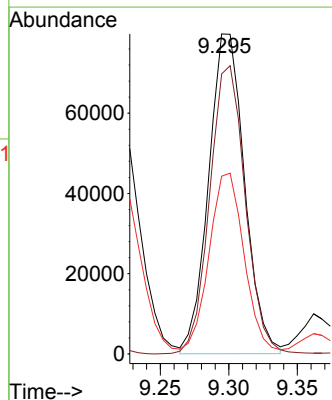
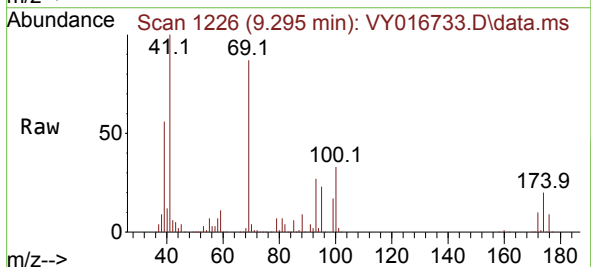
Instrument :
MSVOA_Y
ClientSampleId :

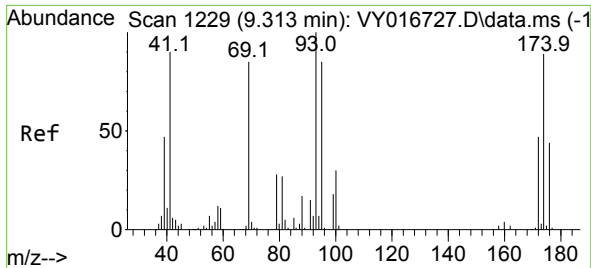
Tgt Ion: 83 Resp: 284774
Ion Ratio Lower Upper
83 100
85 64.0 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 120.477 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 41 Resp: 145320
Ion Ratio Lower Upper
41 100
69 89.4 72.1 108.1
39 53.0 42.8 64.2





#49

1,4-Dioxane

Concen: 2338.449 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

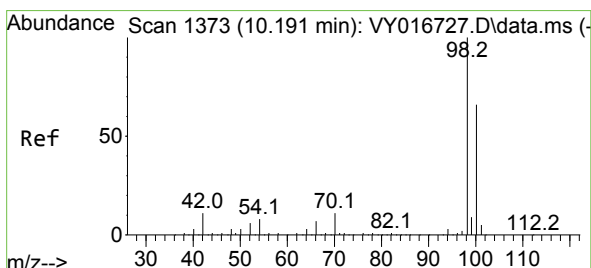
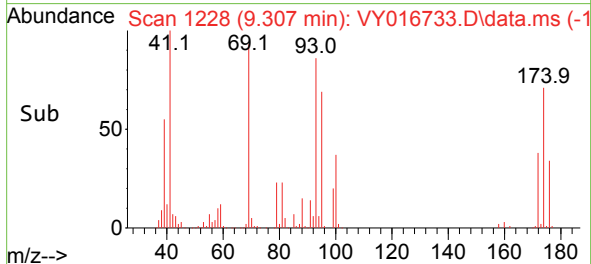
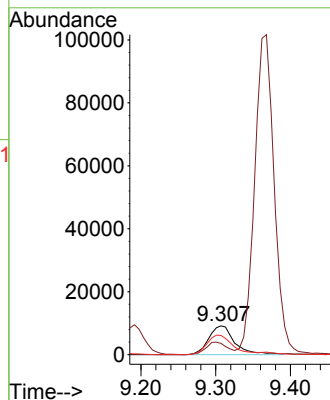
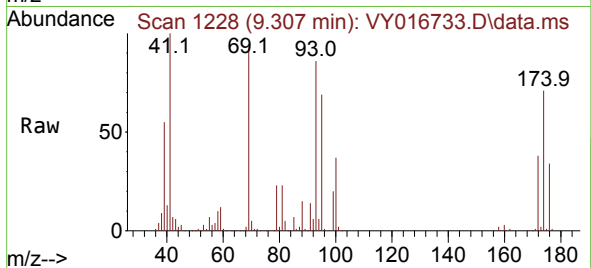
Tgt Ion: 88 Resp: 22111

Ion Ratio Lower Upper

88 100

43 36.3 28.2 42.4

58 74.8 52.2 78.2



#50

Toluene-d8

Concen: 99.194 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016733.D

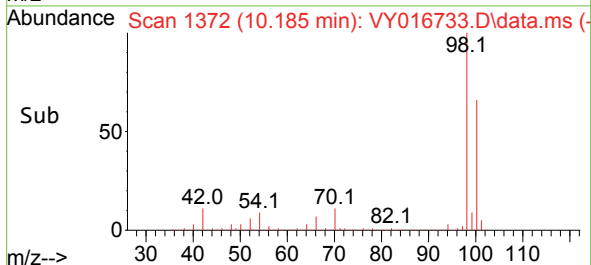
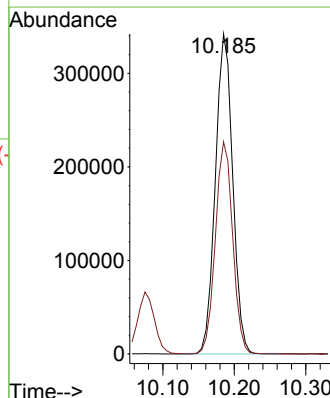
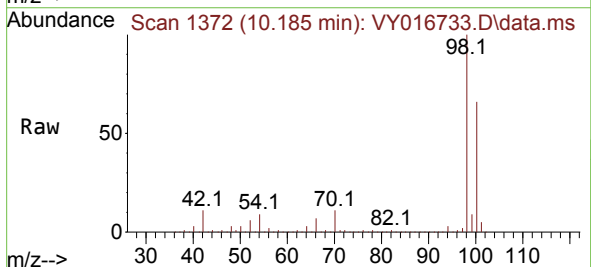
Acq: 20 Dec 2023 18:55

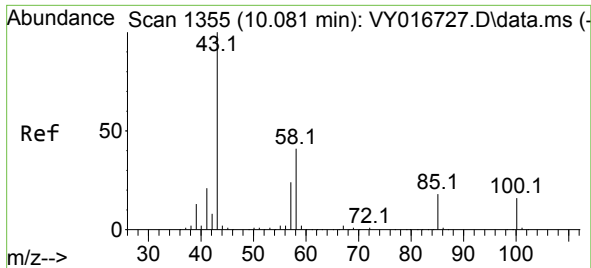
Tgt Ion: 98 Resp: 576214

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 588.349 ug/l

RT: 10.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

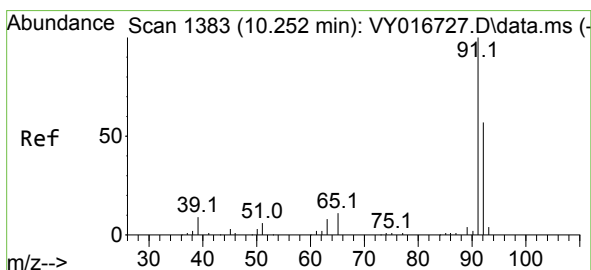
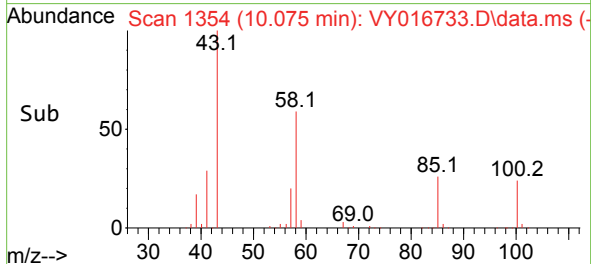
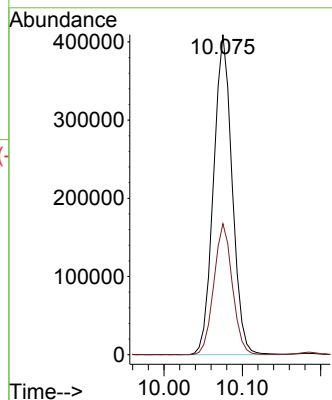
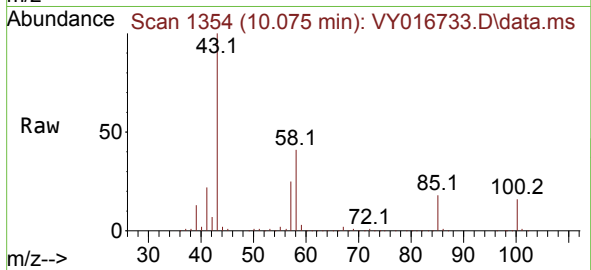
ClientSampleId :

Tgt Ion: 43 Resp: 674161

Ion Ratio Lower Upper

43 100

58 40.8 32.2 48.2



#52

Toluene

Concen: 115.072 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY016733.D

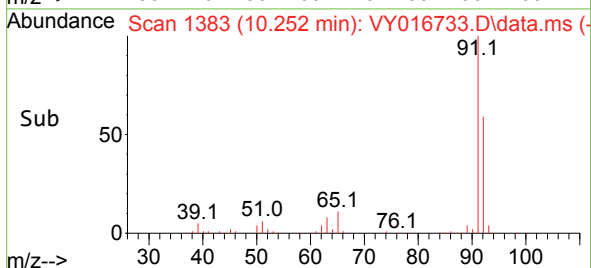
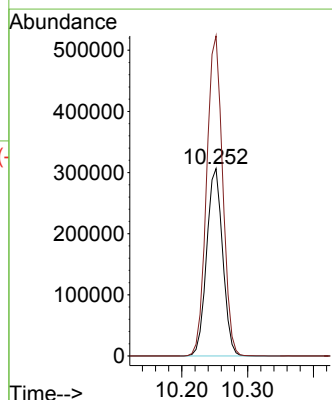
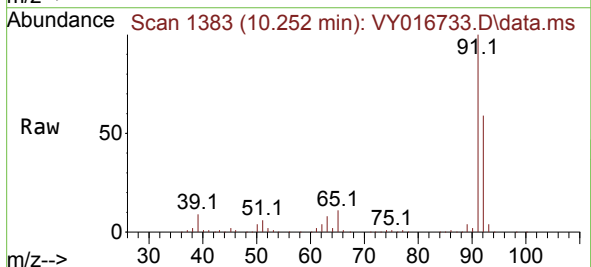
Acq: 20 Dec 2023 18:55

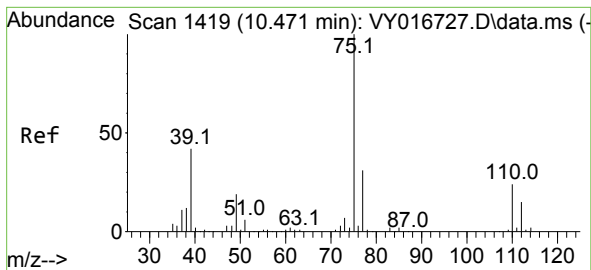
Tgt Ion: 92 Resp: 518405

Ion Ratio Lower Upper

92 100

91 171.4 137.6 206.4

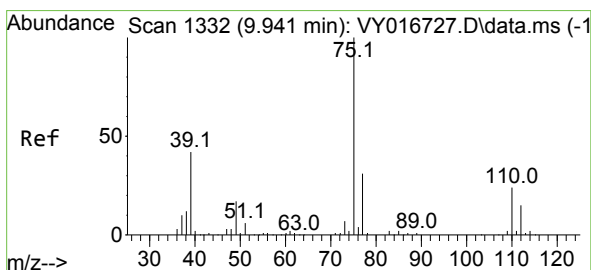
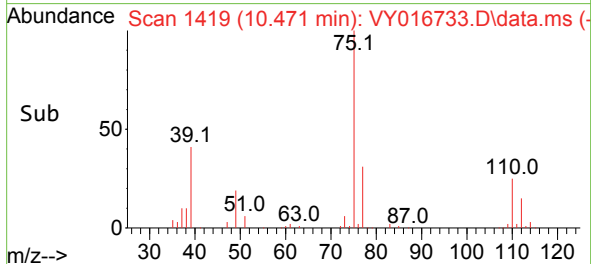
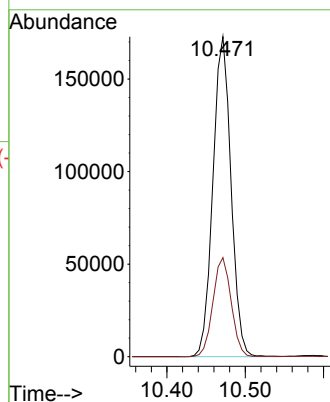
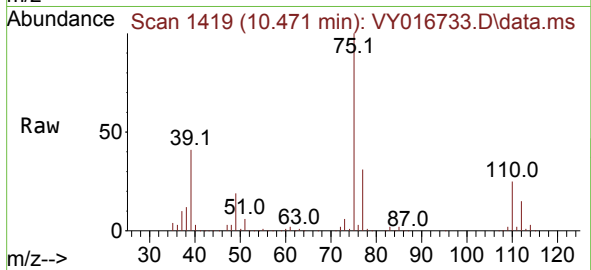




#53
 t-1,3-Dichloropropene
 Concen: 118.447 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016733.D
 Acq: 20 Dec 2023 18:55

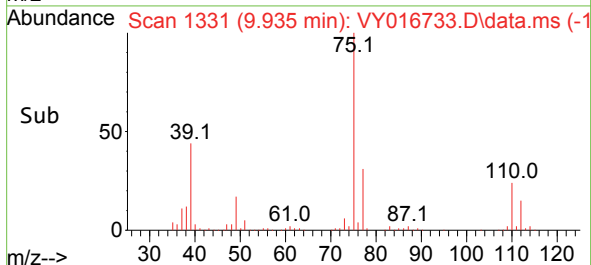
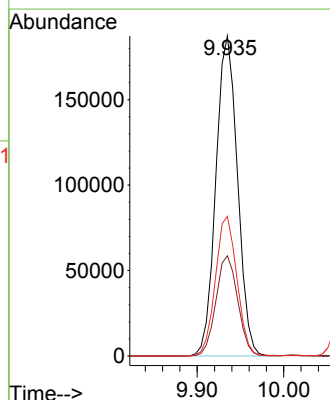
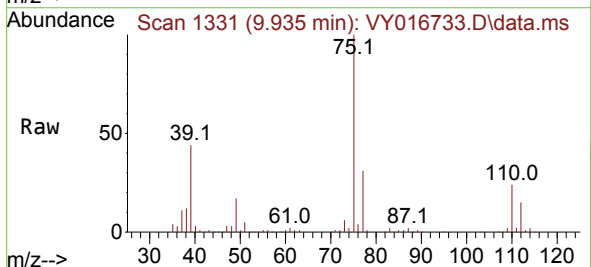
Instrument :
 MSVOA_Y
 ClientSampleId :

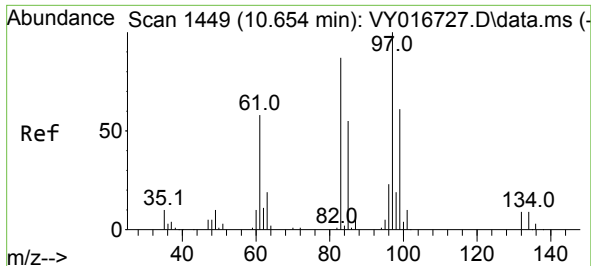
Tgt Ion: 75 Resp: 277320
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 114.978 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016733.D
 Acq: 20 Dec 2023 18:55

Tgt Ion: 75 Resp: 324707
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8
 39 43.6 33.6 50.4



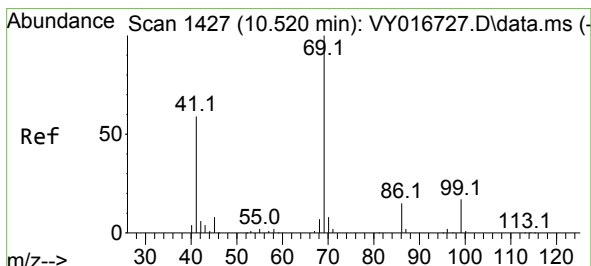
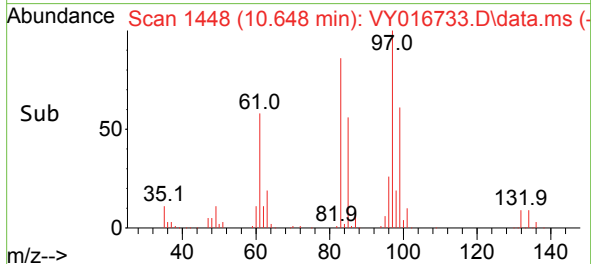
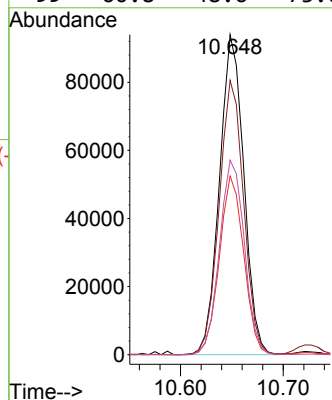
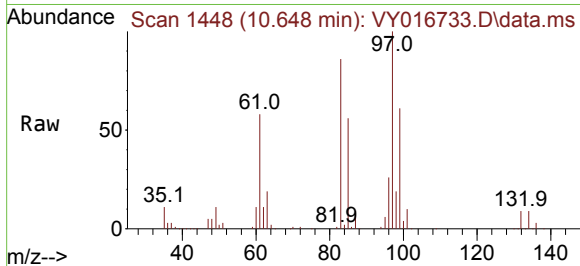


#55
1,1,2-Trichloroethane
Concen: 111.223 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 154592

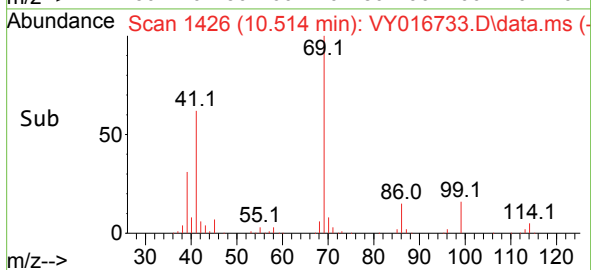
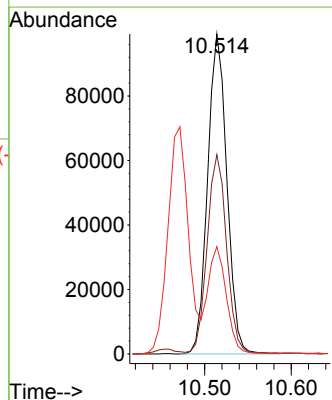
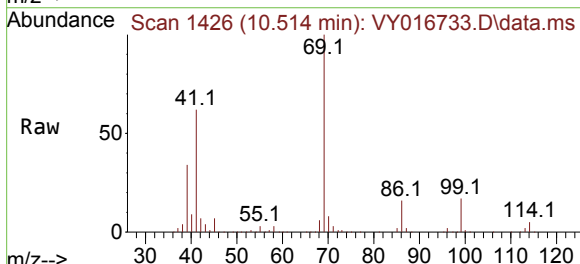
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.4	104.2
85	55.9	43.9	65.9
99	60.8	48.6	73.0

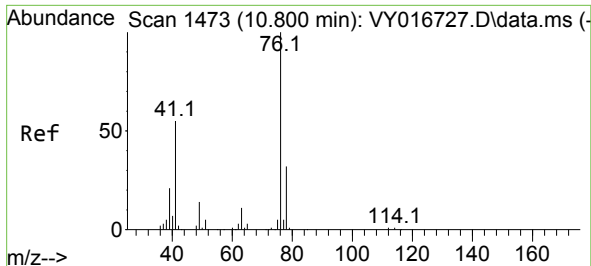


#56
Ethyl methacrylate
Concen: 125.364 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 69 Resp: 153222

Ion	Ratio	Lower	Upper
69	100		
41	62.8	49.2	73.8
39	31.5	26.8	40.2





#57

1,3-Dichloropropane

Concen: 112.795 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

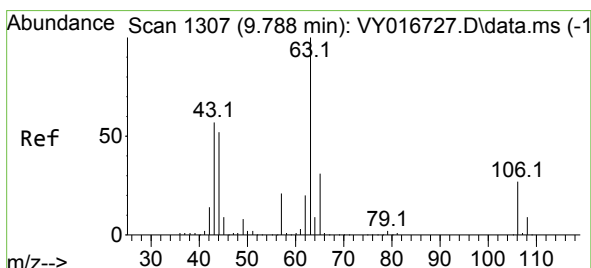
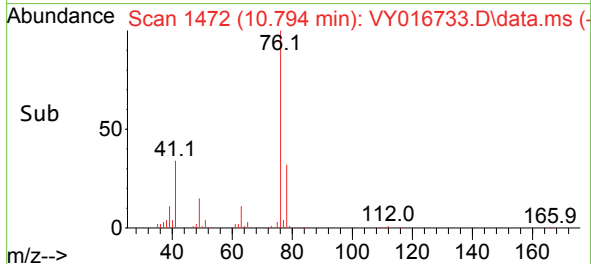
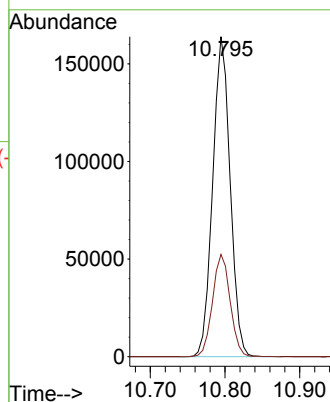
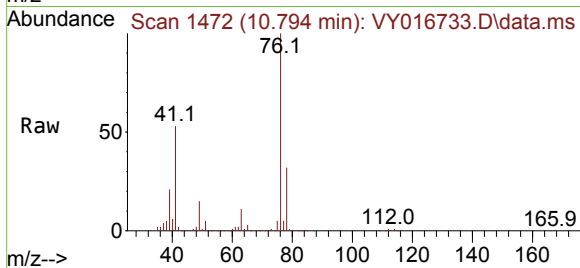
ClientSampleId :

Tgt Ion: 76 Resp: 266292

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 605.955 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.001 min

Lab File: VY016733.D

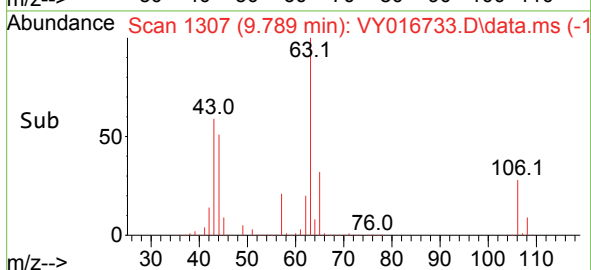
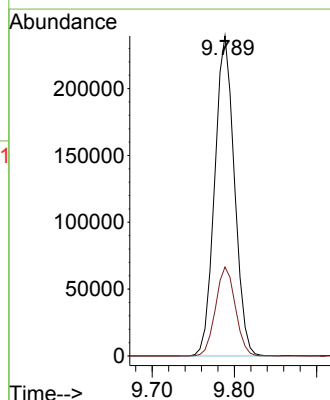
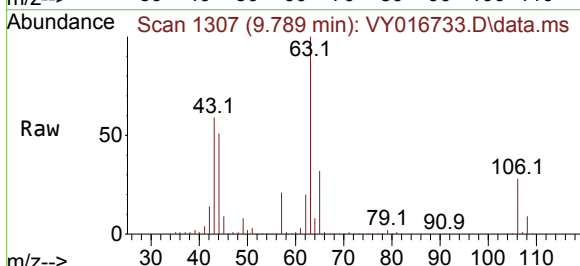
Acq: 20 Dec 2023 18:55

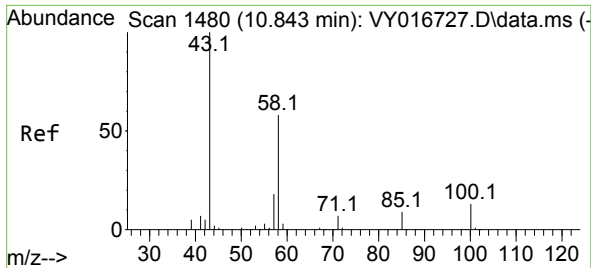
Tgt Ion: 63 Resp: 398415

Ion Ratio Lower Upper

63 100

106 28.0 22.4 33.6

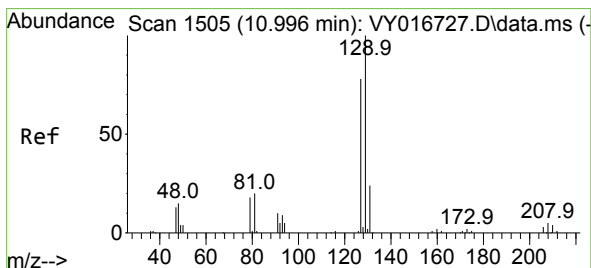
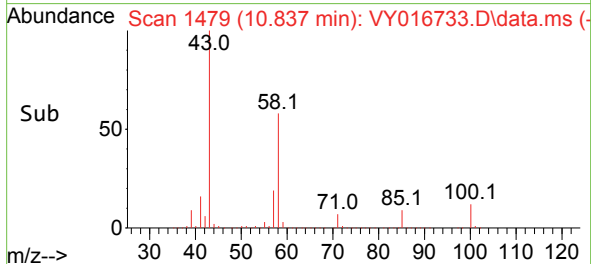
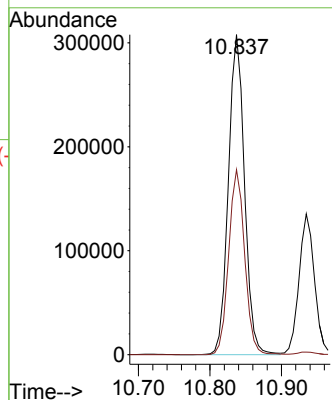
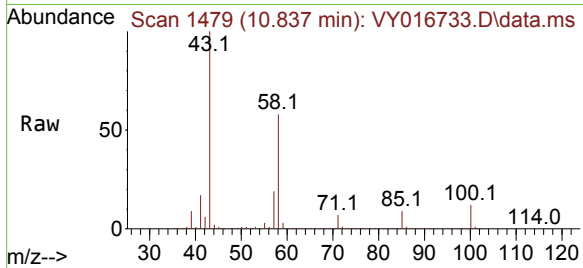




#59
2-Hexanone
Concen: 563.790 ug/l
RT: 10.837 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

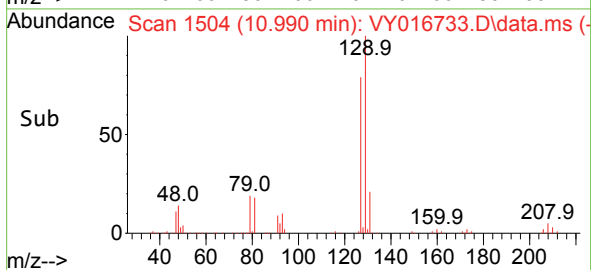
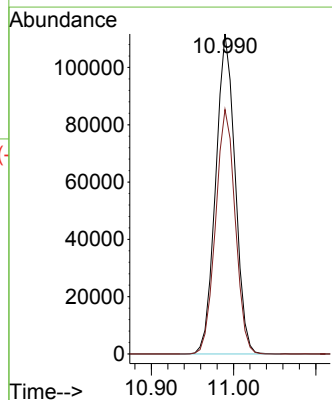
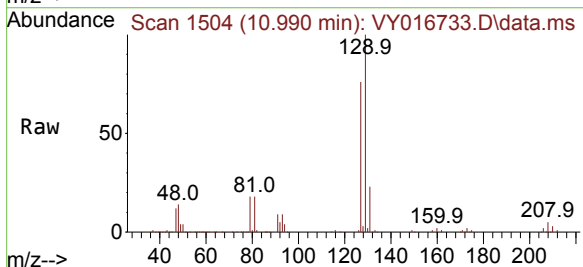
Instrument :
MSVOA_Y
ClientSampleId :

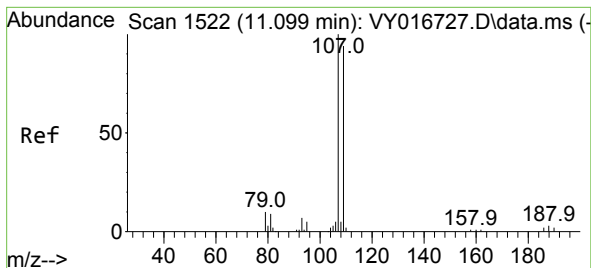
Tgt Ion: 43 Resp: 481710
Ion Ratio Lower Upper
43 100
58 57.3 28.1 84.3



#60
Dibromochloromethane
Concen: 113.821 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 129 Resp: 183012
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

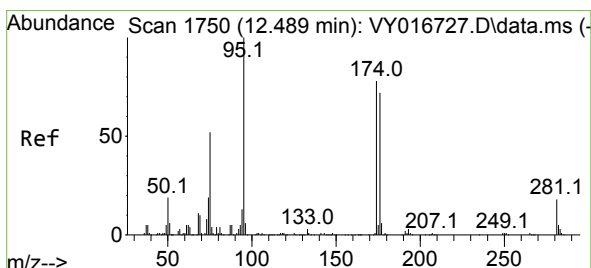
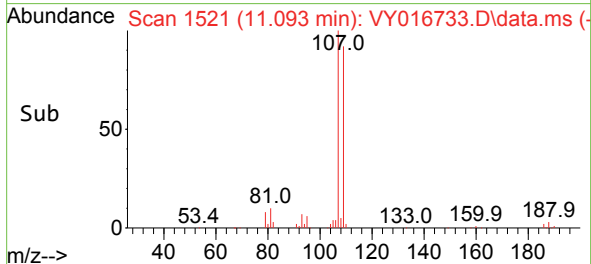
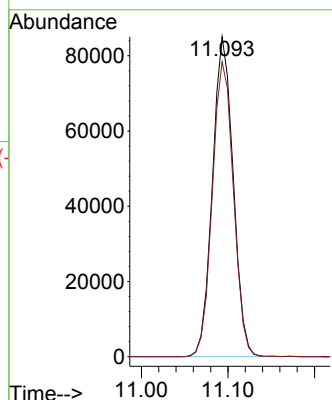
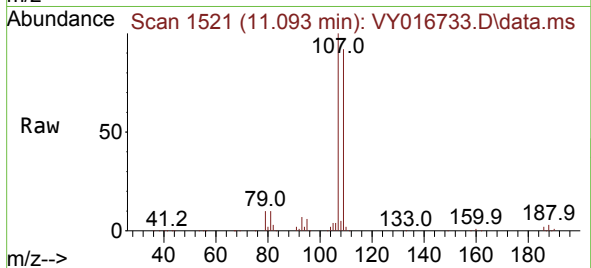




#61
1,2-Dibromoethane
Concen: 113.389 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

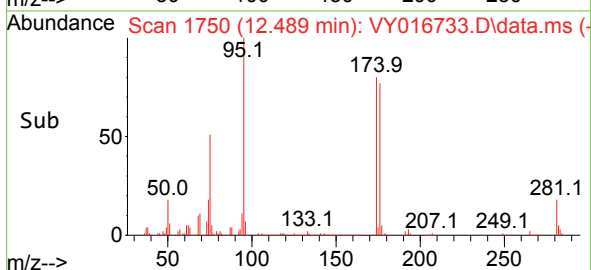
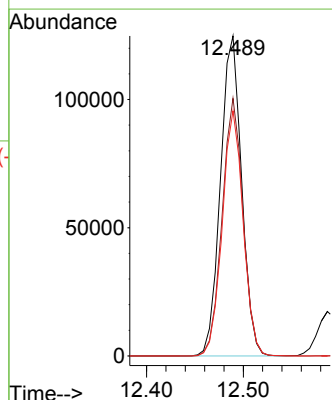
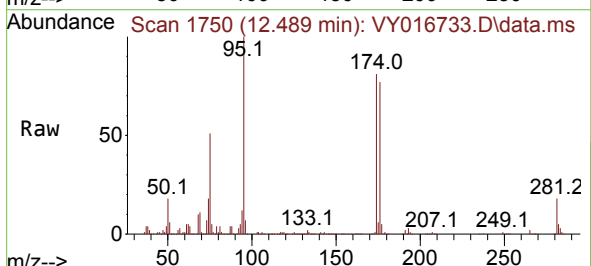
Instrument :
MSVOA_Y
ClientSampleId :

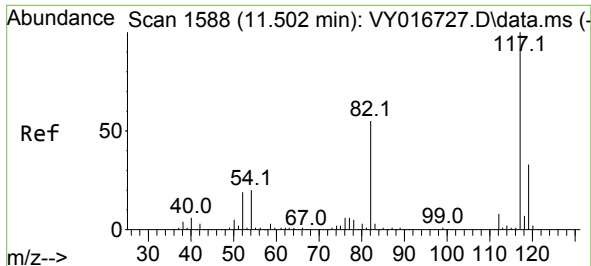
Tgt Ion:107 Resp: 141338
Ion Ratio Lower Upper
107 100
109 93.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 100.382 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 95 Resp: 189179
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.0
176 75.7 0.0 151.8

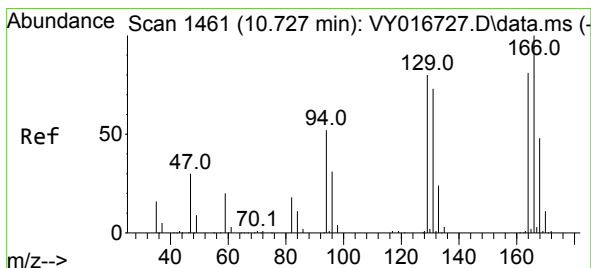
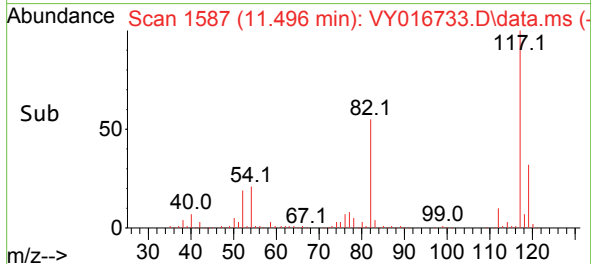
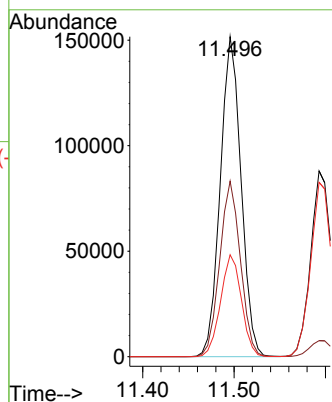
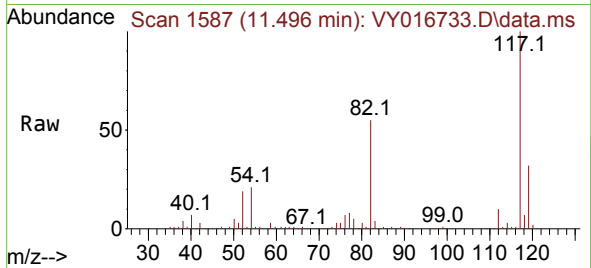




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

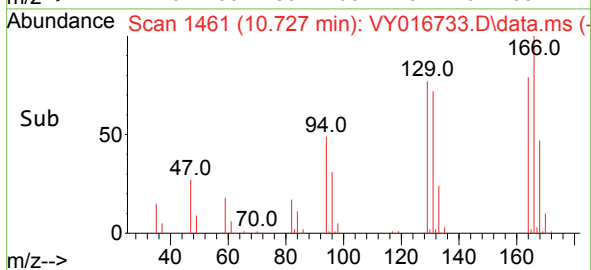
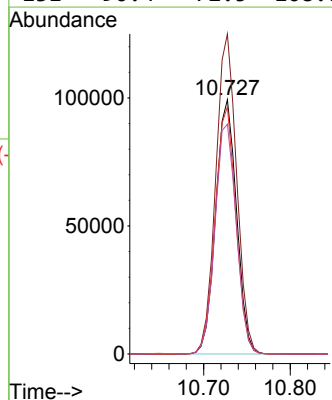
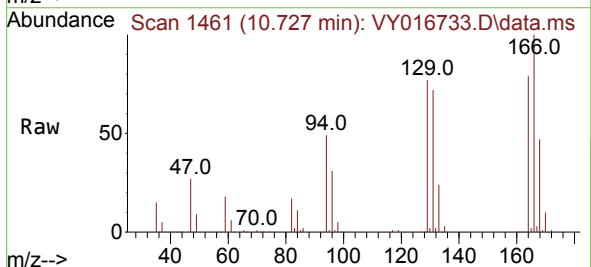
Instrument :
MSVOA_Y
ClientSampleId :

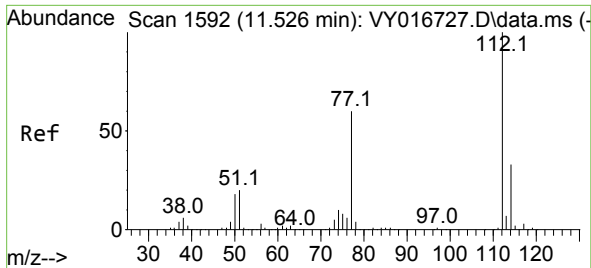
Tgt Ion:117 Resp: 240003
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 111.406 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion:164 Resp: 166094
Ion Ratio Lower Upper
164 100
166 125.8 98.8 148.2
129 97.2 78.9 118.3
131 90.4 72.5 108.7

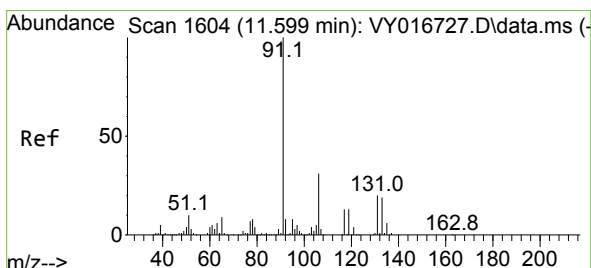
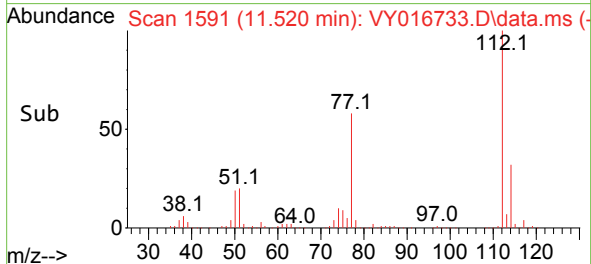
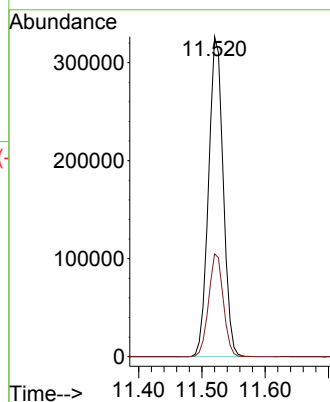
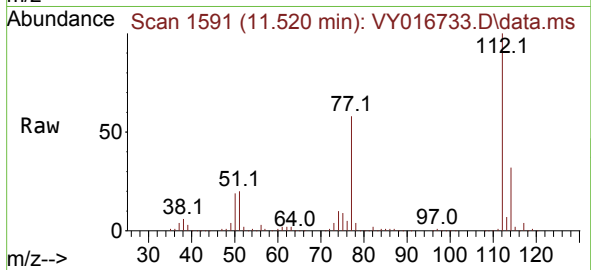




#65
Chlorobenzene
Concen: 111.593 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

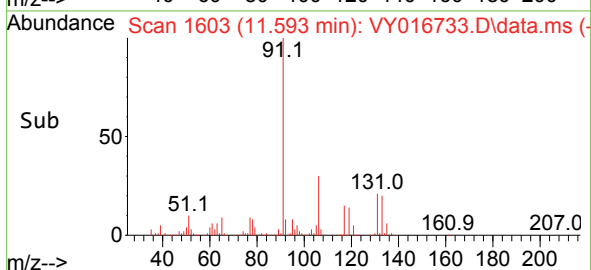
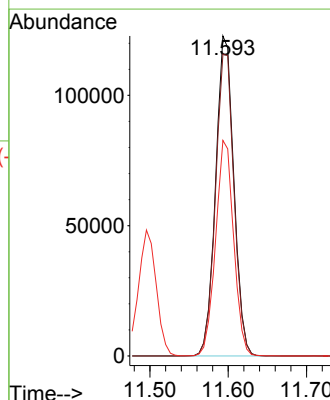
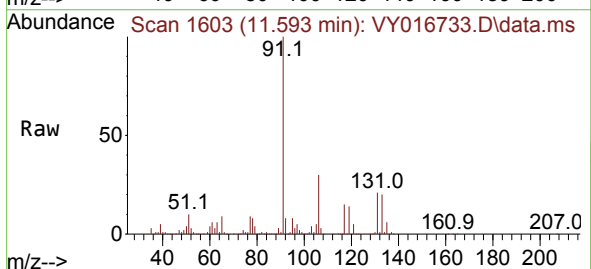
Instrument :
MSVOA_Y
ClientSampleId :

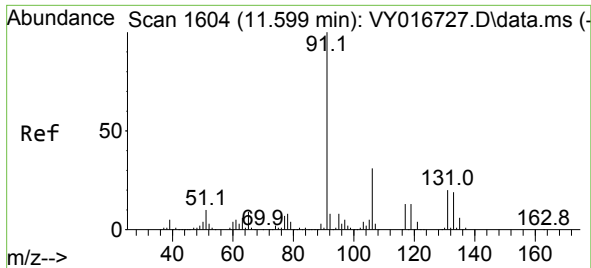
Tgt Ion:112 Resp: 526206
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 112.152 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion:131 Resp: 198977
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.0
119 66.7 33.3 99.9

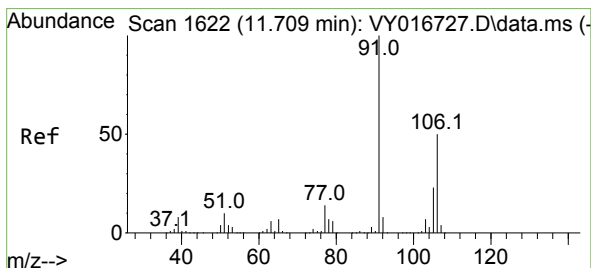
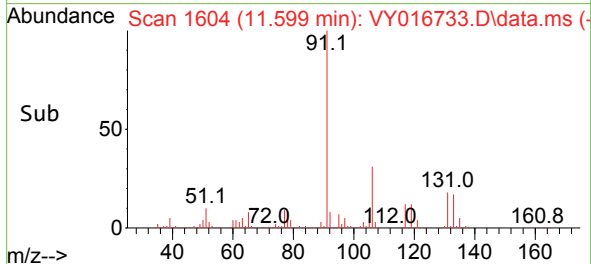
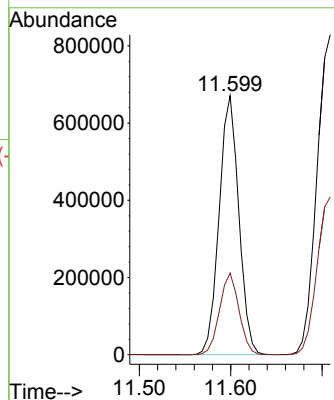
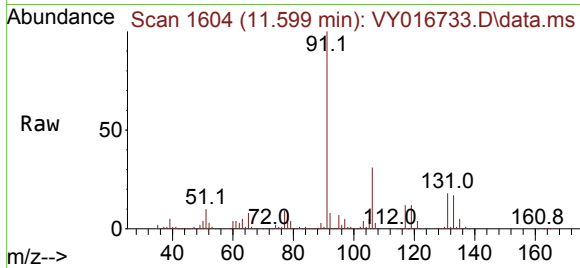




#67
Ethyl Benzene
Concen: 115.657 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

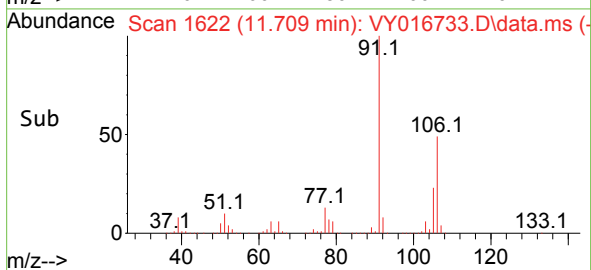
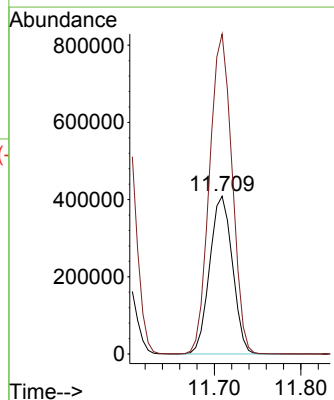
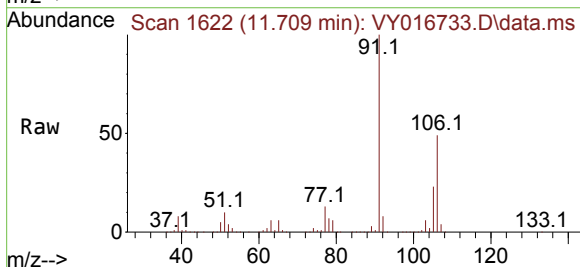
Instrument :
MSVOA_Y
ClientSampleId :

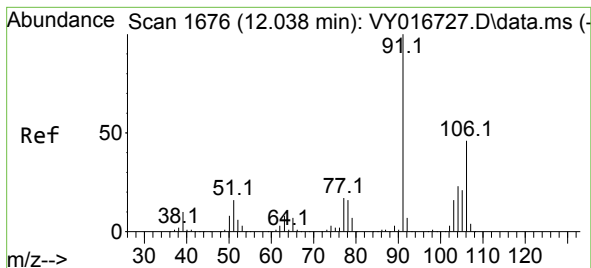
Tgt Ion: 91 Resp: 1003804
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 232.699 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion:106 Resp: 745789
Ion Ratio Lower Upper
106 100
91 201.4 160.7 241.1





#69

o-Xylene

Concen: 118.917 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

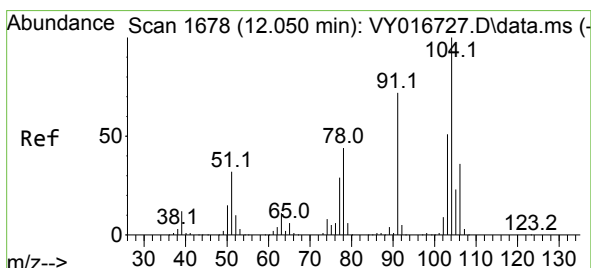
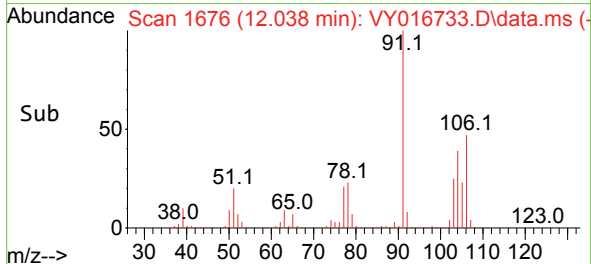
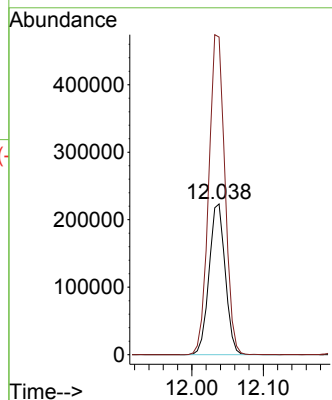
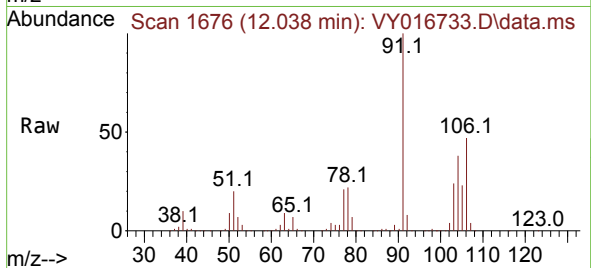
ClientSampleId :

Tgt Ion:106 Resp: 349646

Ion Ratio Lower Upper

106 100

91 212.6 106.5 319.5



#70

Styrene

Concen: 119.644 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

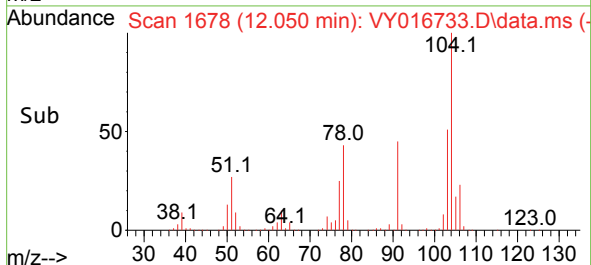
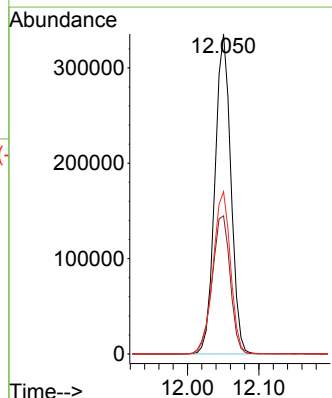
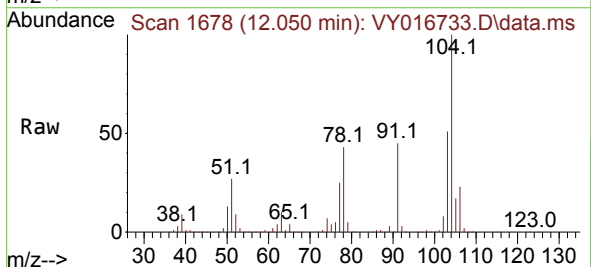
Tgt Ion:104 Resp: 520549

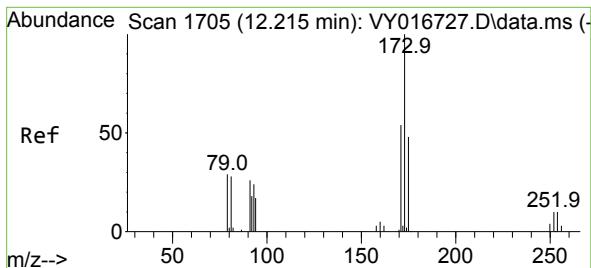
Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

103 55.3 43.8 65.6





#71

Bromoform

Concen: 113.804 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

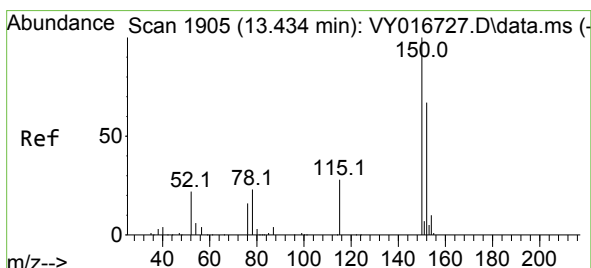
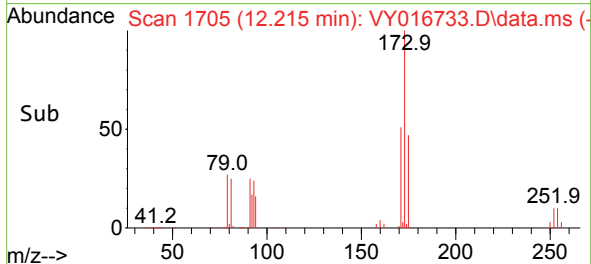
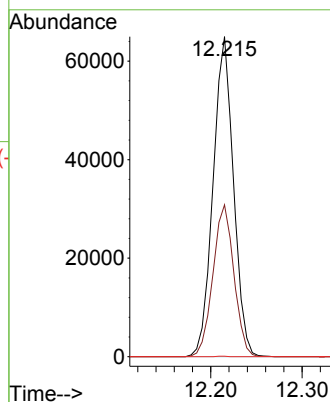
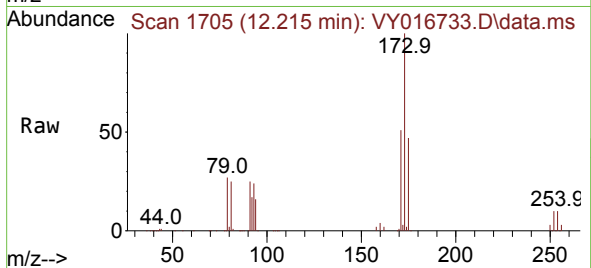
Tgt Ion:173 Resp: 100661

Ion Ratio Lower Upper

173 100

175 48.8 23.5 70.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

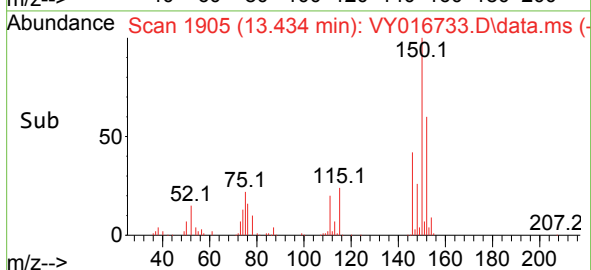
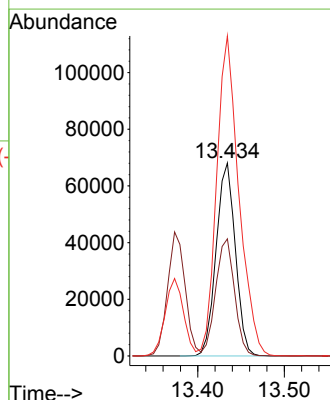
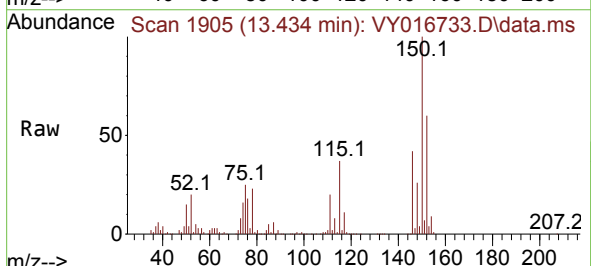
Tgt Ion:152 Resp: 104815

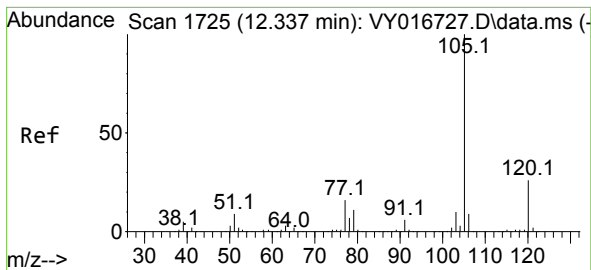
Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 192.0 0.0 344.6





#73

Isopropylbenzene

Concen: 115.491 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

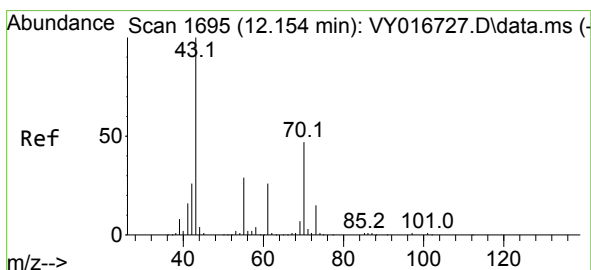
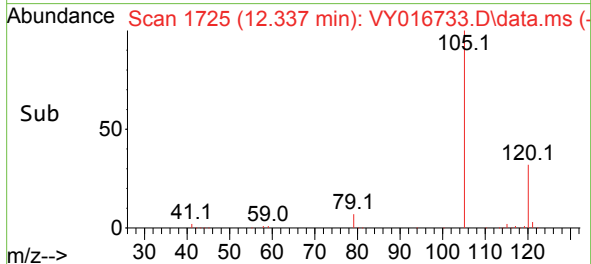
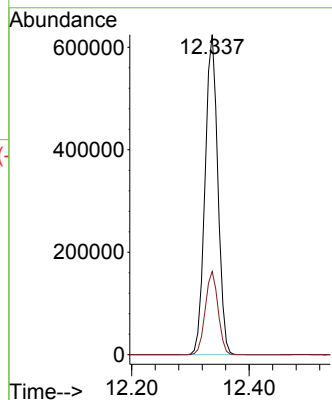
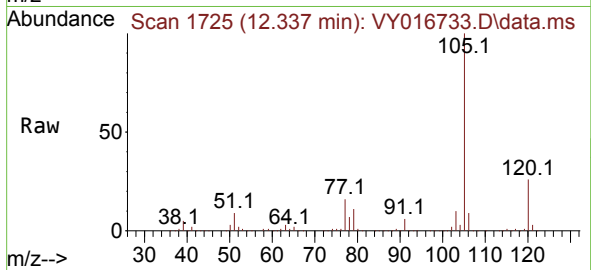
ClientSampleId :

Tgt Ion:105 Resp: 942767

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 120.520 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Tgt Ion: 43 Resp: 207061

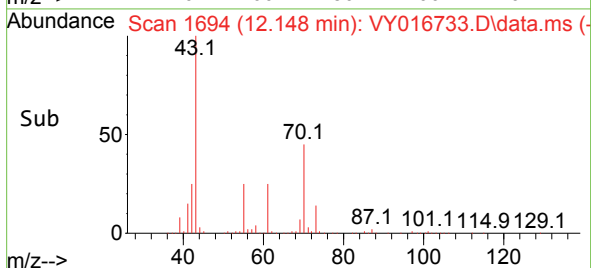
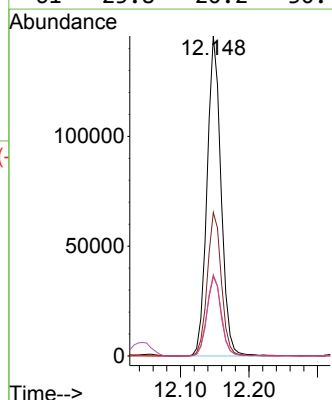
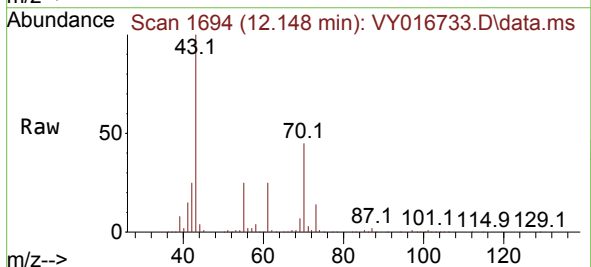
Ion Ratio Lower Upper

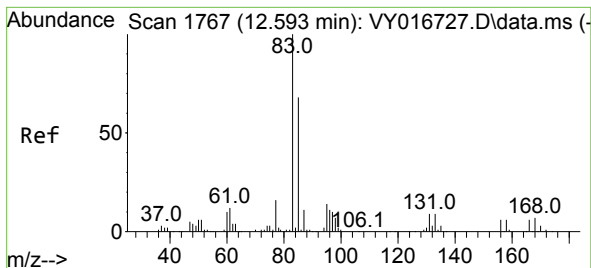
43 100

70 45.2 36.6 55.0

55 25.5 22.2 33.4

61 25.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 107.631 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

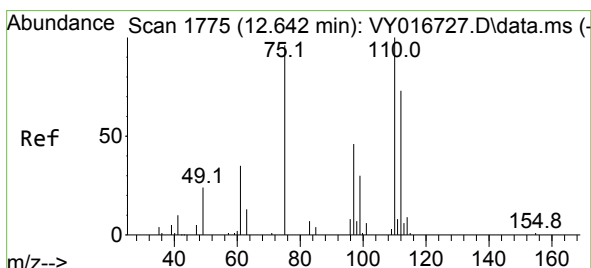
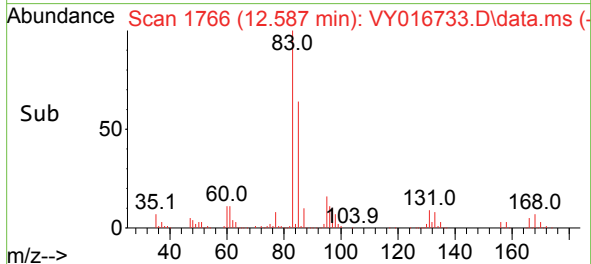
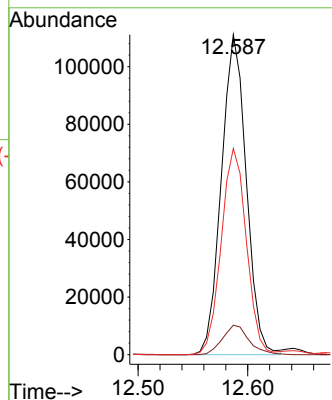
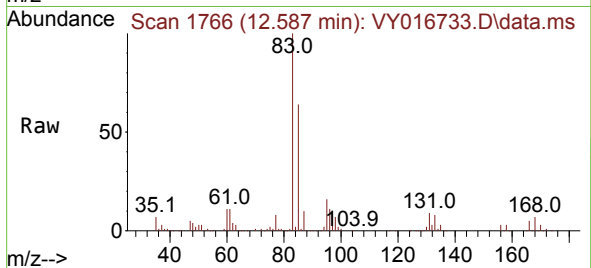
Tgt Ion: 83 Resp: 175574

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 64.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 186.864 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016733.D

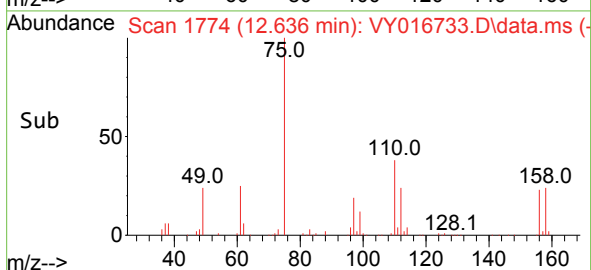
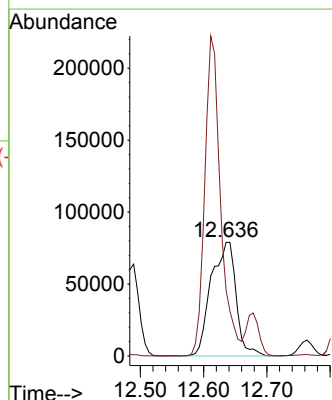
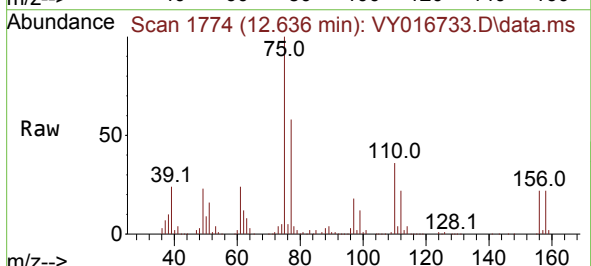
Acq: 20 Dec 2023 18:55

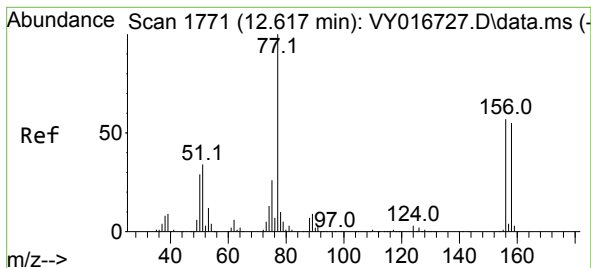
Tgt Ion: 75 Resp: 216852

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 111.898 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

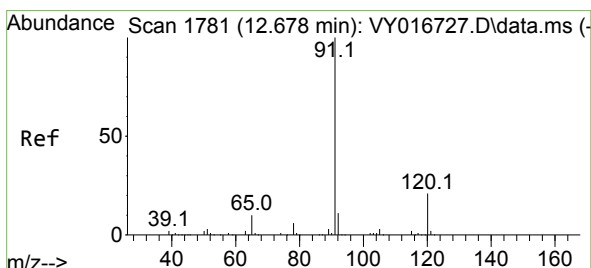
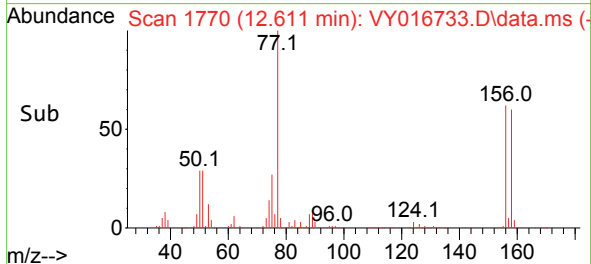
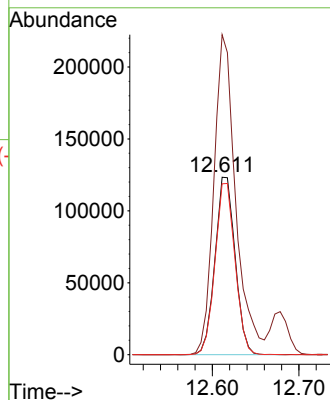
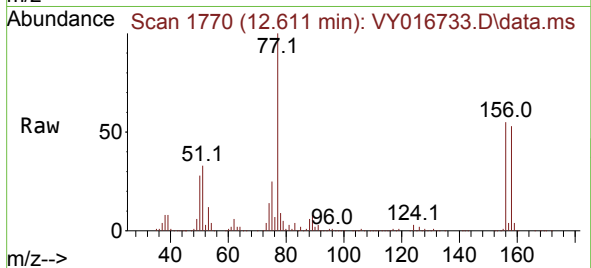
Tgt Ion:156 Resp: 199274

Ion Ratio Lower Upper

156 100

77 195.5 97.3 291.8

158 96.2 48.4 145.0



#78

n-propylbenzene

Concen: 114.126 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016733.D

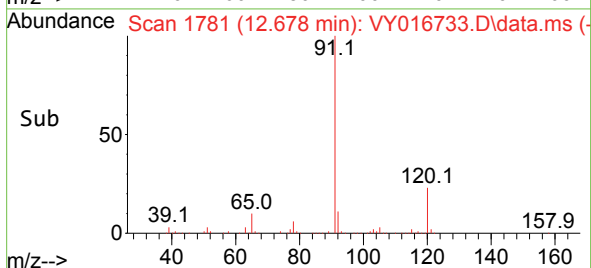
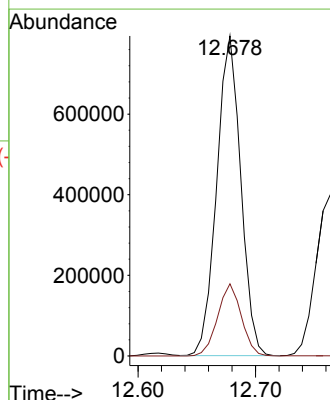
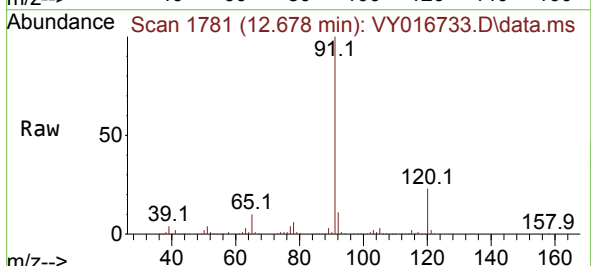
Acq: 20 Dec 2023 18:55

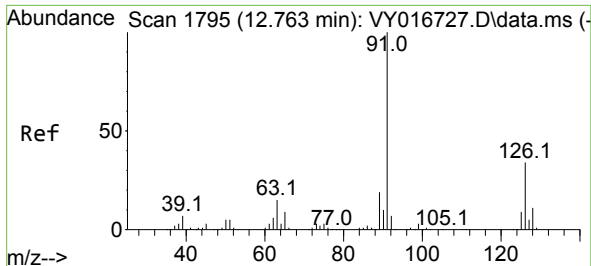
Tgt Ion: 91 Resp: 1128747

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

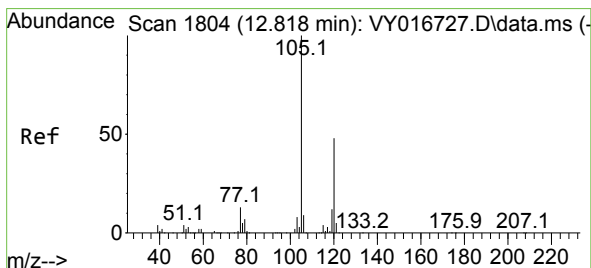
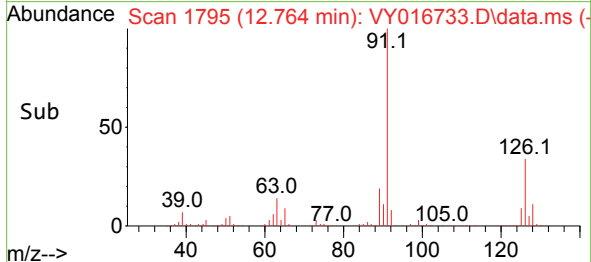
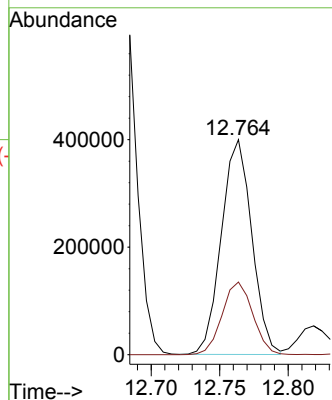
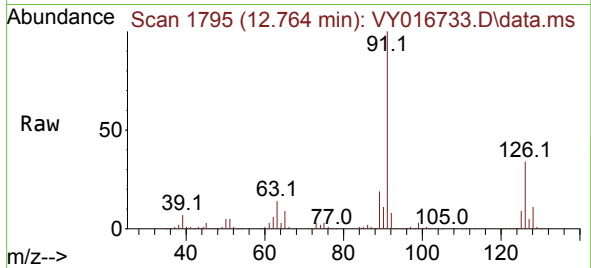




#79
2-Chlorotoluene
Concen: 112.946 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

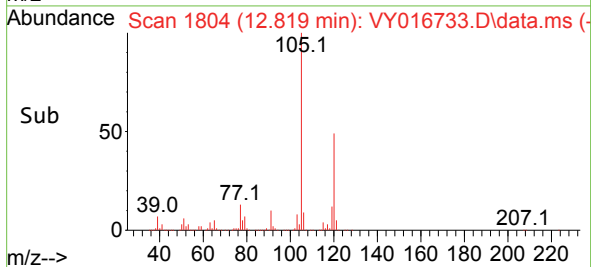
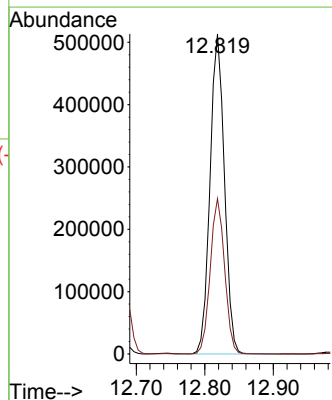
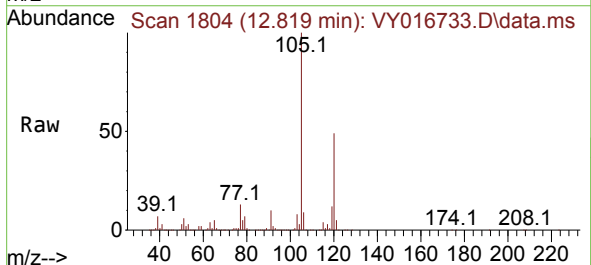
Instrument :
MSVOA_Y
ClientSampleId :

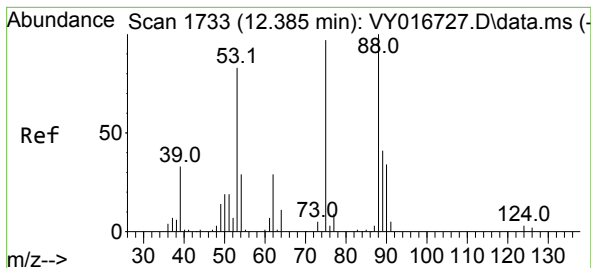
Tgt Ion: 91 Resp: 618123
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 115.858 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 105 Resp: 748655
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

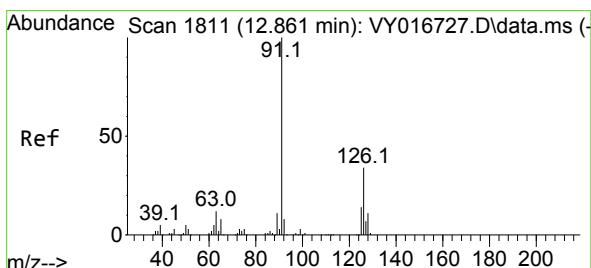
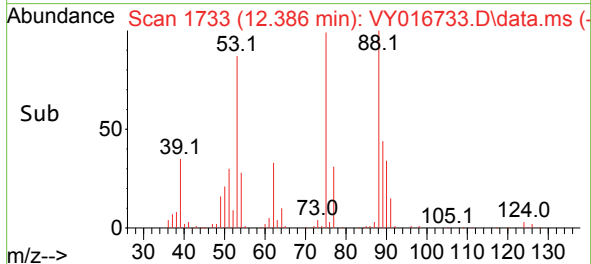
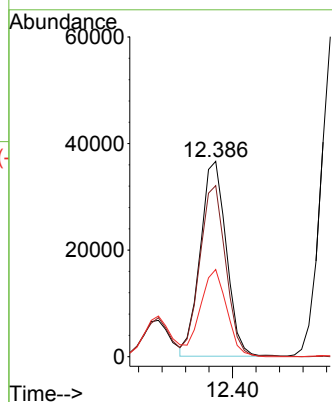
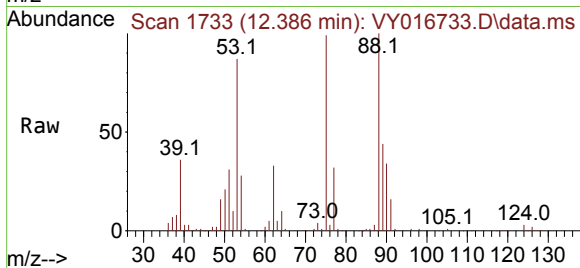




#81
trans-1,4-Dichloro-2-butene
Concen: 114.113 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

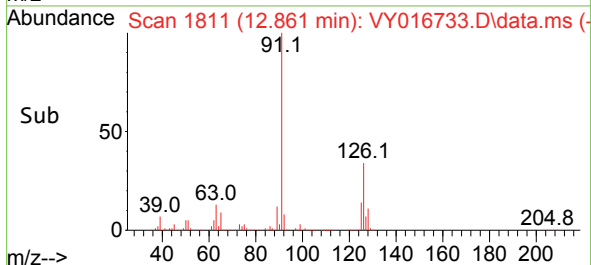
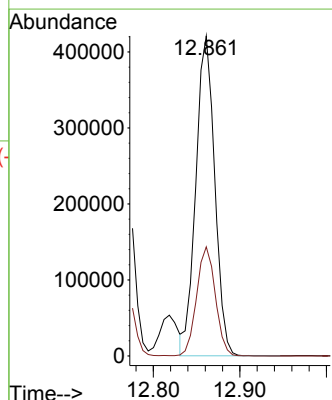
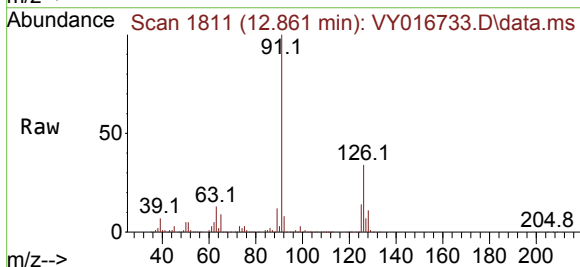
Instrument :
MSVOA_Y
ClientSampleId :

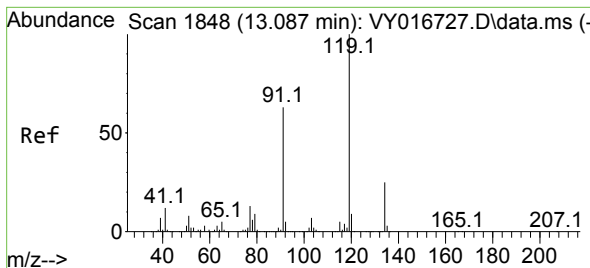
Tgt Ion: 75 Resp: 56301
Ion Ratio Lower Upper
75 100
53 88.1 74.0 111.0
89 44.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 113.400 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016733.D
Acq: 20 Dec 2023 18:55

Tgt Ion: 91 Resp: 636684
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 116.011 ug/l

RT: 13.081 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

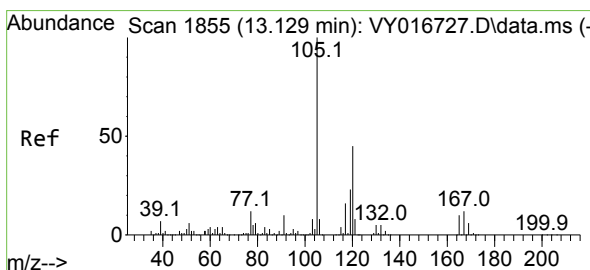
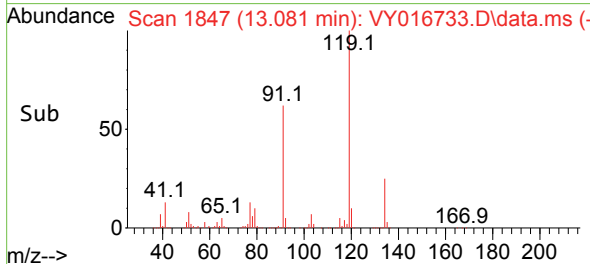
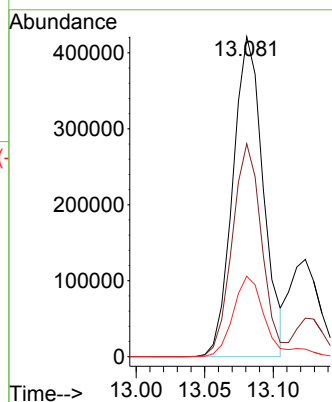
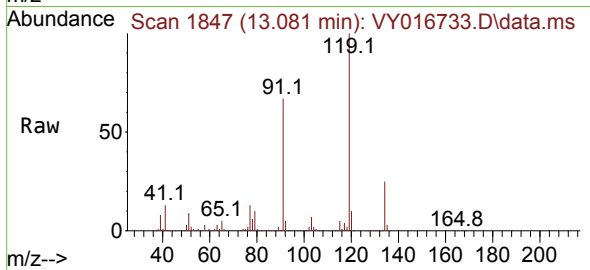
Tgt Ion:119 Resp: 652064

Ion Ratio Lower Upper

119 100

91 65.1 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 116.015 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016733.D

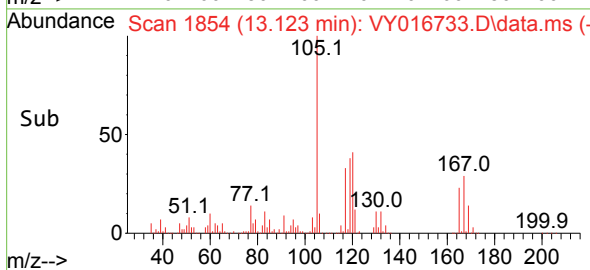
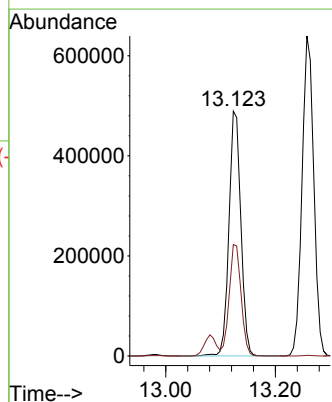
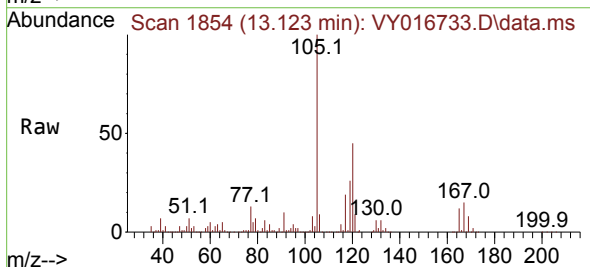
Acq: 20 Dec 2023 18:55

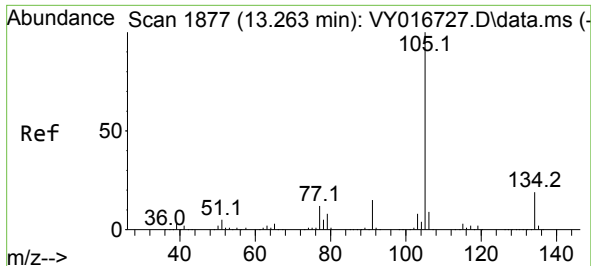
Tgt Ion:105 Resp: 739219

Ion Ratio Lower Upper

105 100

120 45.4 22.1 66.3

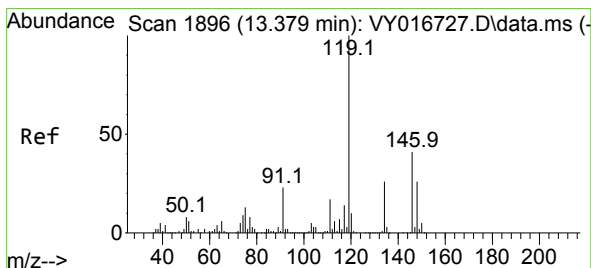
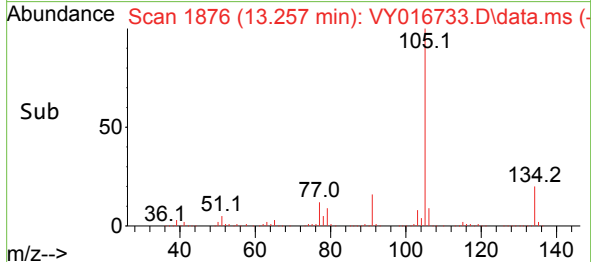
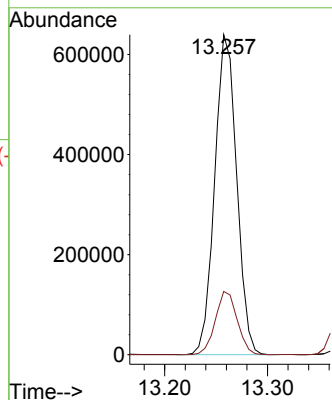
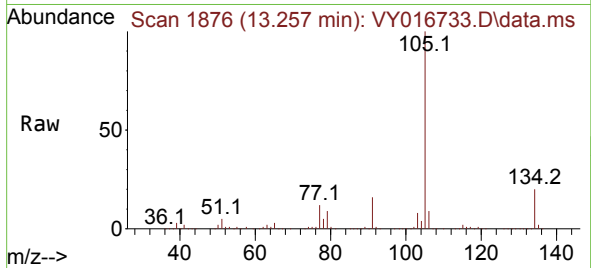




#85
 sec-Butylbenzene
 Concen: 113.764 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016733.D
 Acq: 20 Dec 2023 18:55

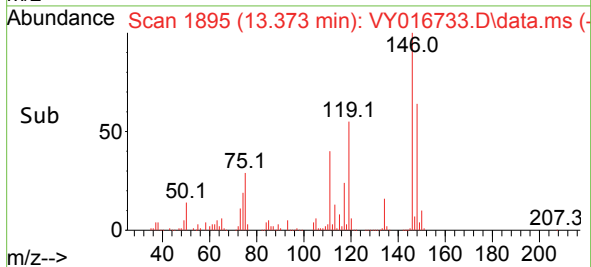
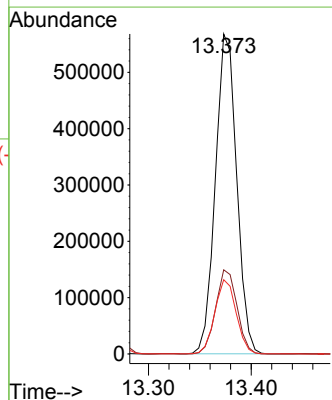
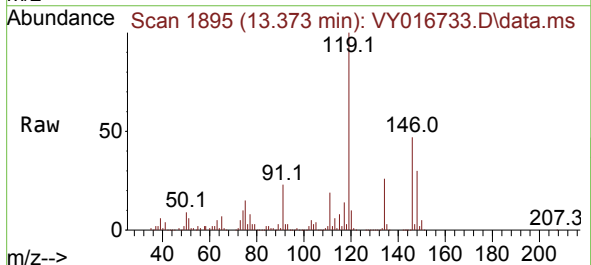
Instrument :
 MSVOA_Y
 ClientSampleId :

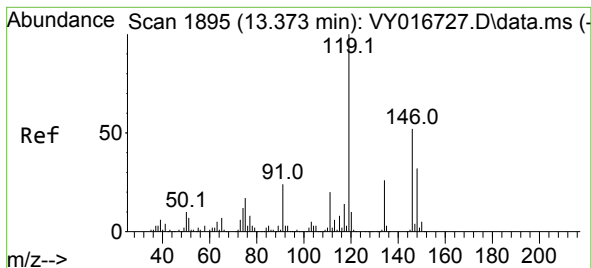
Tgt Ion:105 Resp: 947108
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 117.685 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016733.D
 Acq: 20 Dec 2023 18:55

Tgt Ion:119 Resp: 815932
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 112.891 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

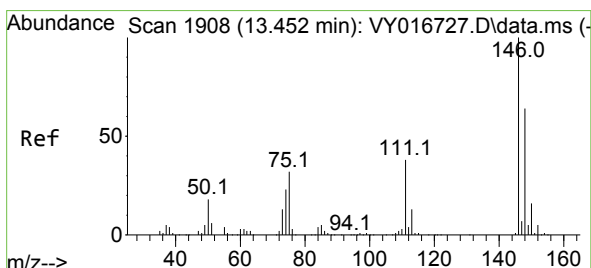
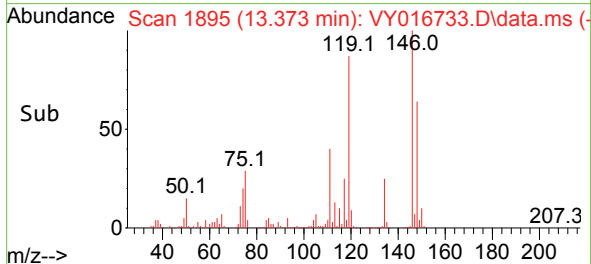
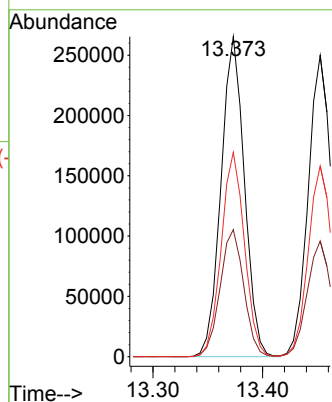
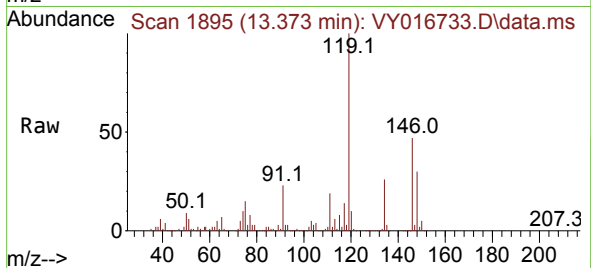
Tgt Ion:146 Resp: 392892

Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 110.151 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

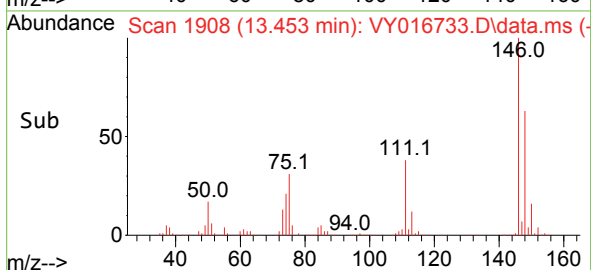
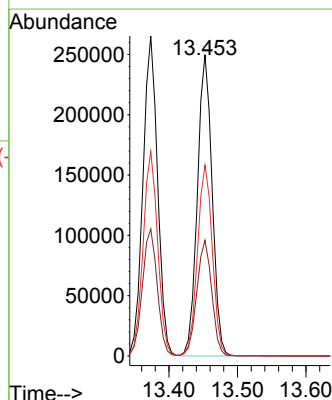
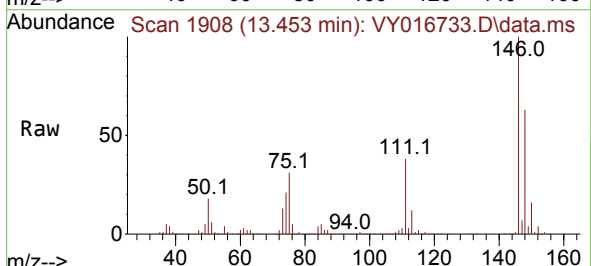
Tgt Ion:146 Resp: 374332

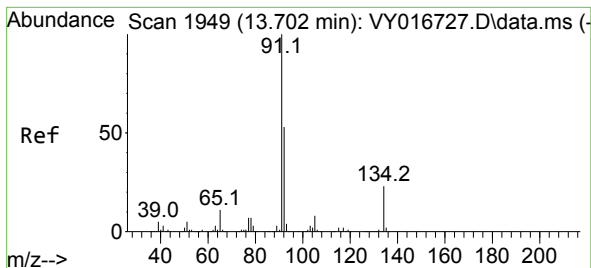
Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 116.299 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

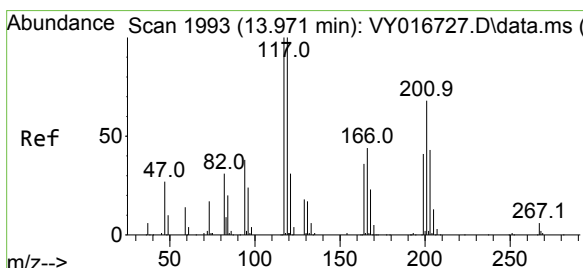
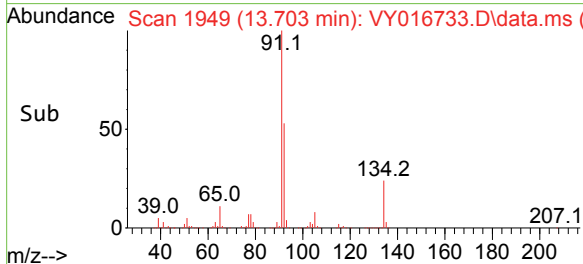
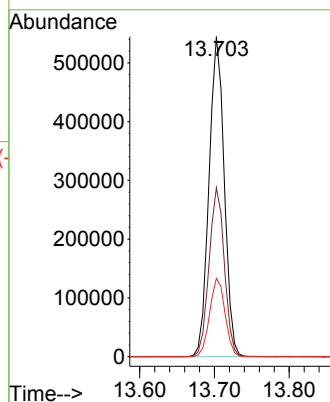
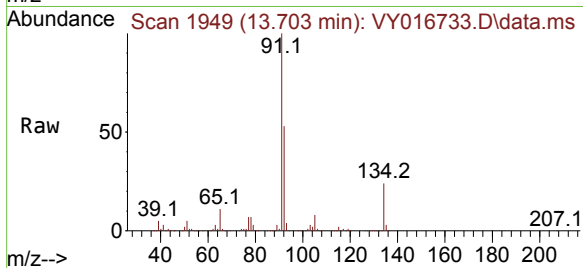
Tgt Ion: 91 Resp: 770782

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 24.8 12.3 36.8



#90

Hexachloroethane

Concen: 111.359 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016733.D

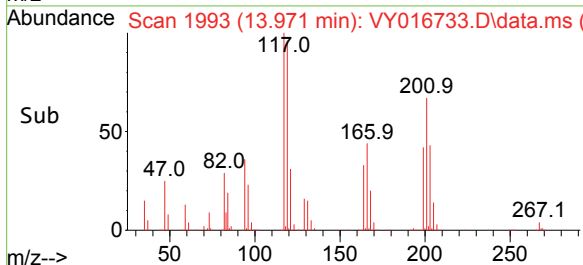
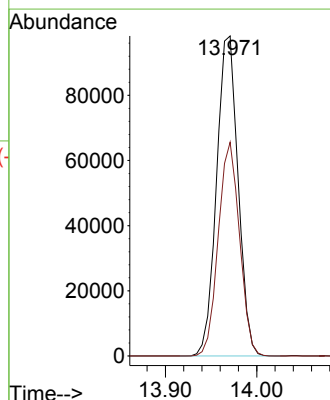
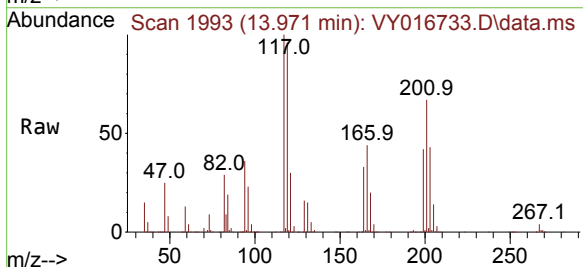
Acq: 20 Dec 2023 18:55

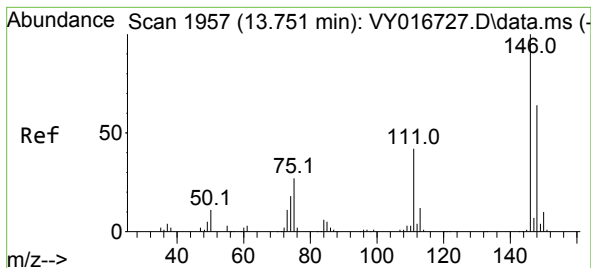
Tgt Ion: 117 Resp: 160768

Ion Ratio Lower Upper

117 100

201 65.9 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 111.859 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

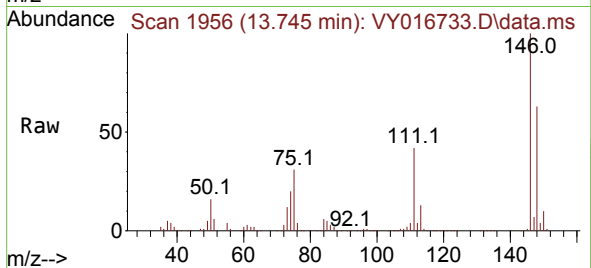
Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :



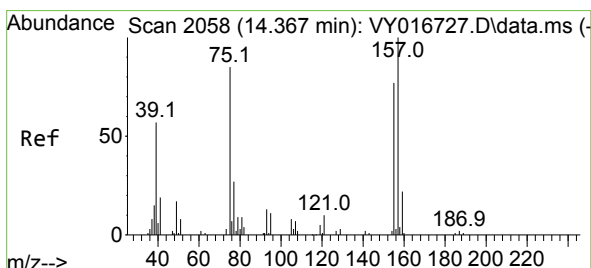
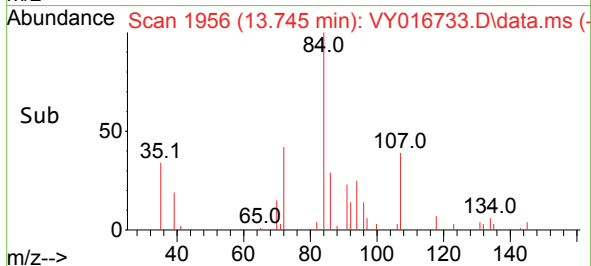
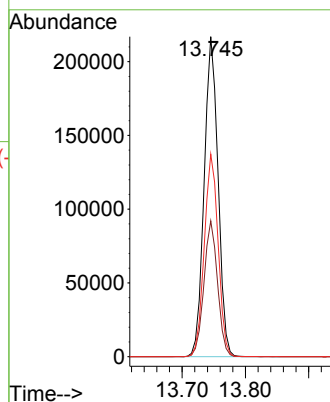
Tgt Ion:146 Resp: 331651

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 63.2 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 108.613 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

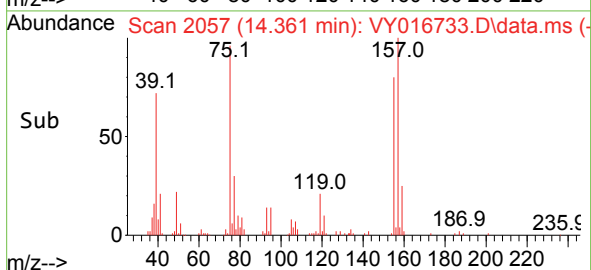
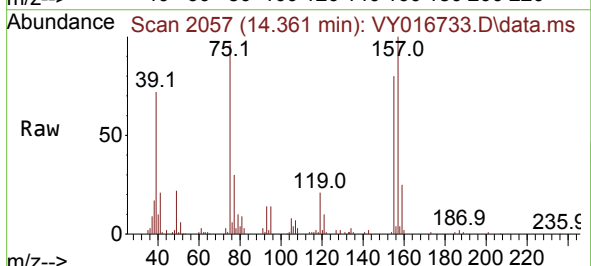
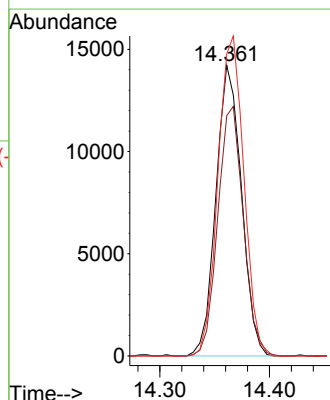
Tgt Ion: 75 Resp: 22967

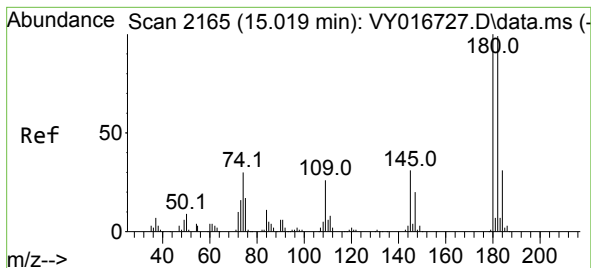
Ion Ratio Lower Upper

75 100

155 86.1 42.1 126.3

157 111.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 119.099 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

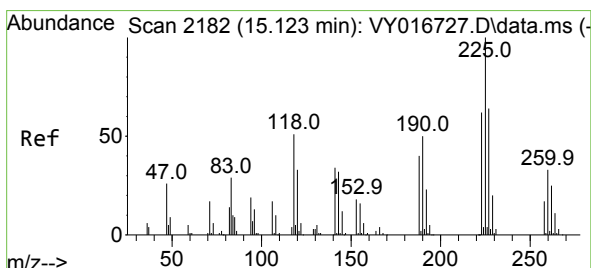
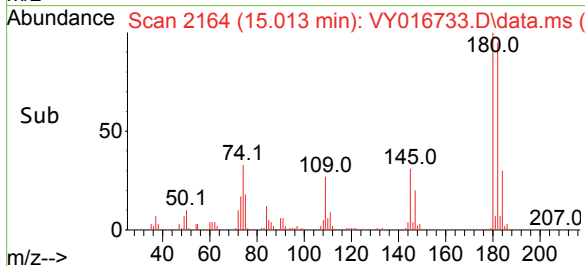
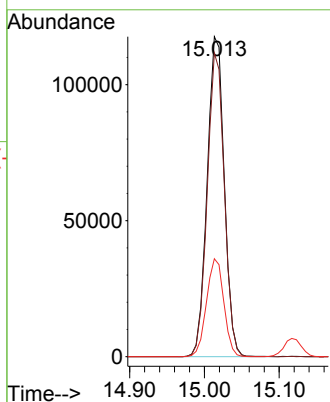
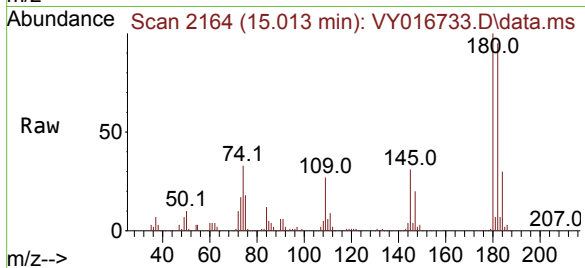
Tgt Ion:180 Resp: 187368

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 31.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 108.483 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

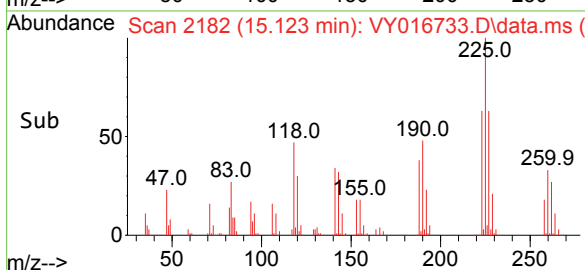
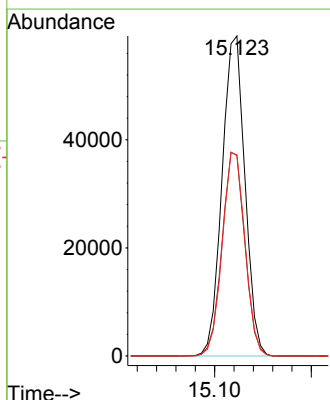
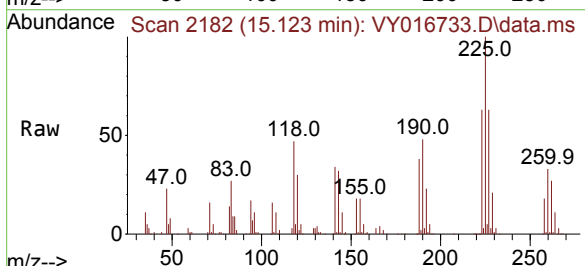
Tgt Ion:225 Resp: 96935

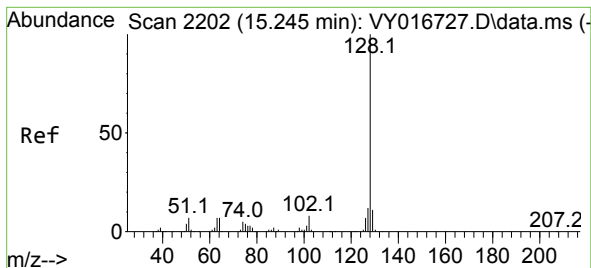
Ion Ratio Lower Upper

225 100

223 63.5 31.4 94.3

227 63.2 32.3 96.8





#95

Naphthalene

Concen: 106.697 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

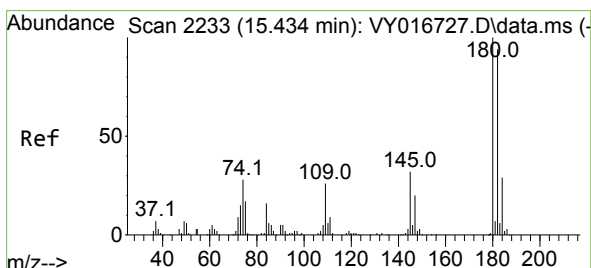
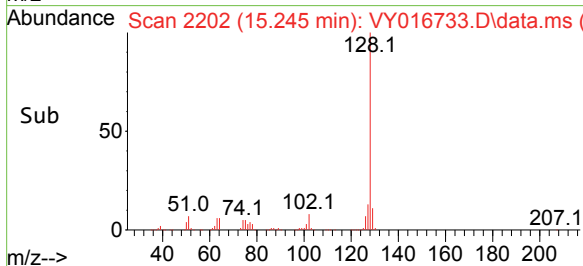
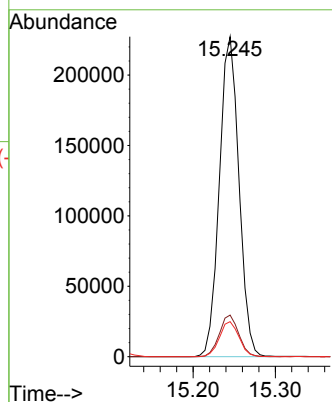
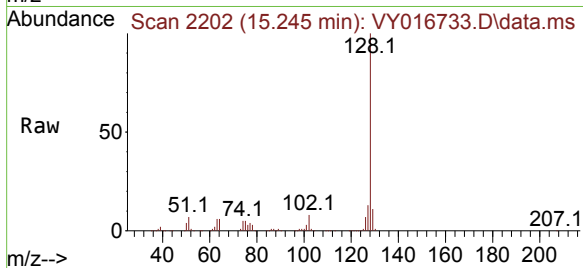
Tgt Ion:128 Resp: 376219

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 118.214 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016733.D

Acq: 20 Dec 2023 18:55

Tgt Ion:180 Resp: 158391

Ion Ratio Lower Upper

180 100

182 94.4 46.3 138.8

145 33.2 16.1 48.2

