

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016734.D
 Acq On : 20 Dec 2023 19:40
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 01:36:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:19:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	161604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	242571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103986	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76029	51.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.080%	
35) Dibromofluoromethane	7.728	113	79258	49.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.100%	
50) Toluene-d8	10.185	98	285358	48.984	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.960%	
62) 4-Bromofluorobenzene	12.483	95	93400	49.419	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	56017	40.561	ug/l	98
3) Chloromethane	2.125	50	90823	42.784	ug/l	99
4) Vinyl Chloride	2.260	62	108062	45.067	ug/l	99
5) Bromomethane	2.662	94	77596	45.436	ug/l	97
6) Chloroethane	2.808	64	73469	45.218	ug/l	100
7) Trichlorofluoromethane	3.137	101	121709	43.572	ug/l	98
8) Diethyl Ether	3.540	74	40943	45.820	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	74406	43.424	ug/l	100
10) Methyl Iodide	4.107	142	85236	47.737	ug/l	99
11) Tert butyl alcohol	4.966	59	29552	244.314	ug/l	99
12) 1,1-Dichloroethene	3.887	96	70107	45.953	ug/l	99
13) Acrolein	3.747	56	24108	258.316	ug/l	96
14) Allyl chloride	4.497	41	112443	48.119	ug/l	99
15) Acrylonitrile	5.180	53	94652	250.131	ug/l	99
16) Acetone	3.960	43	83689	209.783	ug/l	99
17) Carbon Disulfide	4.210	76	196400	47.312	ug/l	99
18) Methyl Acetate	4.497	43	85416	54.788	ug/l	100
19) Methyl tert-butyl Ether	5.241	73	190836	48.614	ug/l	100
20) Methylene Chloride	4.729	84	93808	46.371	ug/l	98
21) trans-1,2-Dichloroethene	5.241	96	82107	47.189	ug/l	98
22) Diisopropyl ether	6.137	45	255735	48.374	ug/l	96
23) Vinyl Acetate	6.076	43	603655	241.429	ug/l	99
24) 1,1-Dichloroethane	6.039	63	148638	46.804	ug/l	98
25) 2-Butanone	7.003	43	125412	228.332	ug/l	99
26) 2,2-Dichloropropane	6.996	77	126472	45.636	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	95594	47.737	ug/l	100
28) Bromochloromethane	7.350	49	74934	59.616	ug/l	98
29) Tetrahydrofuran	7.362	42	79254	263.889	ug/l	99
30) Chloroform	7.521	83	152020	46.761	ug/l	99
31) Cyclohexane	7.801	56	120504	42.633	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	129510	45.383	ug/l	99
36) 1,1-Dichloropropene	7.929	75	113376	43.762	ug/l	100
37) Ethyl Acetate	7.088	43	53308	48.006	ug/l	98
38) Carbon Tetrachloride	7.911	117	112553	43.904	ug/l	100
39) Methylcyclohexane	9.191	83	134298	44.898	ug/l	98
40) Benzene	8.173	78	343814	45.604	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	32286	54.761	ug/l	98
42) 1,2-Dichloroethane	8.246	62	91255	46.395	ug/l	100
43) Isopropyl Acetate	8.283	43	102741	47.638	ug/l	99
44) Trichloroethene	8.947	130	86831	45.125	ug/l	97
45) 1,2-Dichloropropane	9.222	63	85529	45.226	ug/l	98
46) Dibromomethane	9.313	93	45833	46.913	ug/l	99
47) Bromodichloromethane	9.502	83	117490	45.627	ug/l	99
48) Methyl methacrylate	9.301	41	57257	47.768	ug/l	95
49) 1,4-Dioxane	9.307	88	9301	980.870	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	279262	243.022	ug/l	99
52) Toluene	10.252	92	210701	46.637	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	112086	47.737	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	134280	47.413	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	65463	46.964	ug/l	99
56) Ethyl methacrylate	10.514	69	61298	50.010	ug/l	99
57) 1,3-Dichloropropane	10.795	76	111056	46.907	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	193866	294.014	ug/l	99
59) 2-Hexanone	10.837	43	194324	226.788	ug/l	99
60) Dibromochloromethane	10.990	129	74480	46.190	ug/l	99
61) 1,2-Dibromoethane	11.093	107	58989	47.189	ug/l	99
64) Tetrachloroethene	10.728	164	68299	45.326	ug/l	95
65) Chlorobenzene	11.520	112	216215	45.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	79964	44.594	ug/l	98
67) Ethyl Benzene	11.599	91	400454	45.651	ug/l	99
68) m/p-Xylenes	11.709	106	298115	92.032	ug/l	100
69) o-Xylene	12.032	106	138807	46.709	ug/l	99
70) Styrene	12.050	104	207890	47.276	ug/l	100
71) Bromoform	12.215	173	41544	46.471	ug/l #	98
73) Isopropylbenzene	12.331	105	373741	46.149	ug/l	100
74) N-amyl acetate	12.148	43	83101	48.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	74700	46.158	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	90367	78.613	ug/l #	100
77) Bromobenzene	12.611	156	81726	46.257	ug/l	100
78) n-propylbenzene	12.678	91	452392	46.105	ug/l	100
79) 2-Chlorotoluene	12.764	91	250170	46.076	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	299132	46.661	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22748	46.474	ug/l	96
82) 4-Chlorotoluene	12.861	91	259617	46.609	ug/l	100
83) tert-Butylbenzene	13.081	119	260566	46.728	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	299649	47.403	ug/l	99
85) sec-Butylbenzene	13.258	105	378928	45.879	ug/l	99
86) p-Isopropyltoluene	13.373	119	322153	46.836	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	159159	46.096	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	154609	45.858	ug/l	100
89) n-Butylbenzene	13.703	91	312480	47.524	ug/l	100
90) Hexachloroethane	13.965	117	65322	45.607	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	136107	46.272	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9715	46.309	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	75672	48.484	ug/l	99
94) Hexachlorobutadiene	15.117	225	41888	47.252	ug/l	99
95) Naphthalene	15.239	128	151128	45.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	64003	48.149	ug/l	96

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QLast Update : Thu Dec 21 01:19:29 2023
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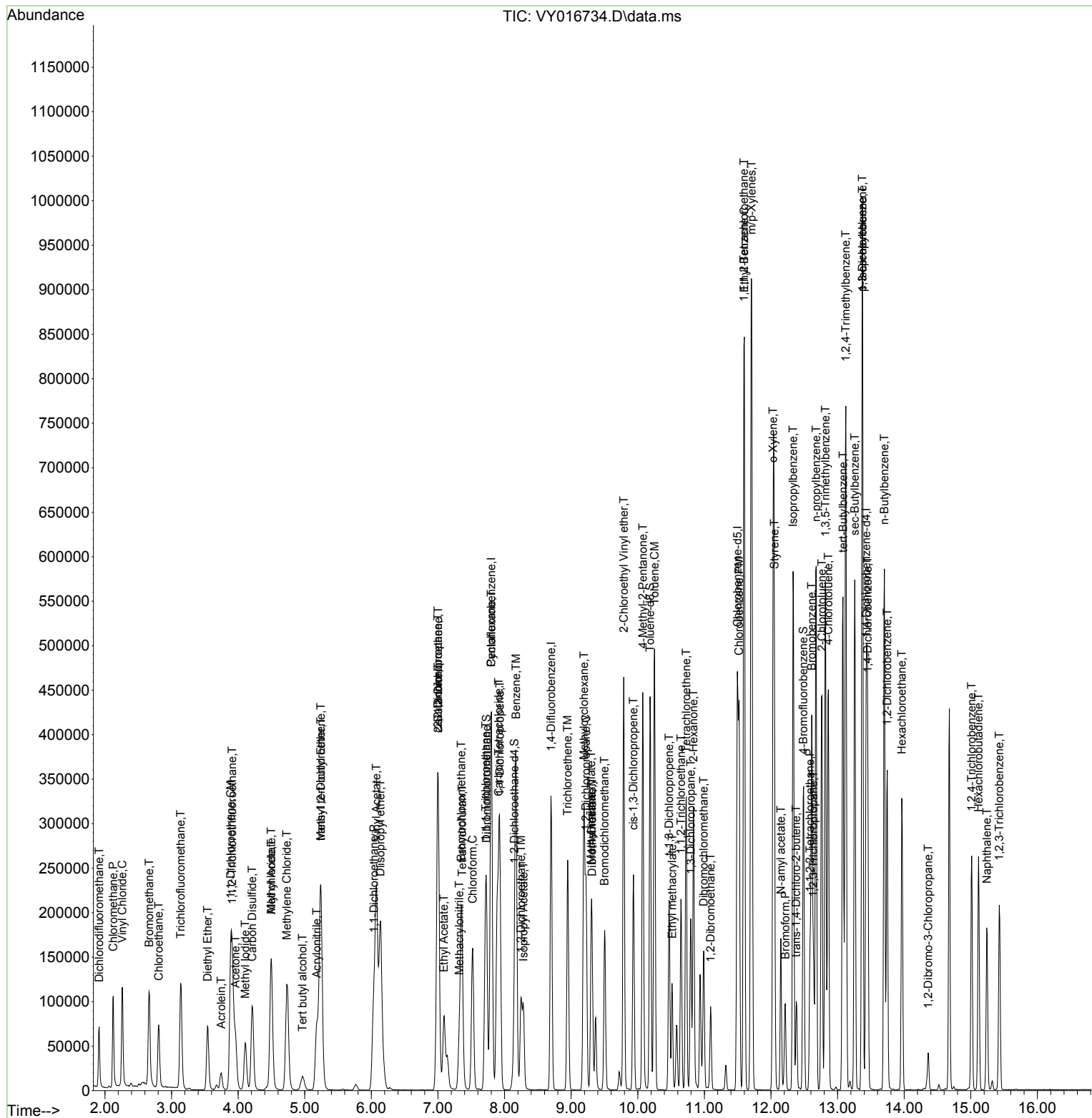
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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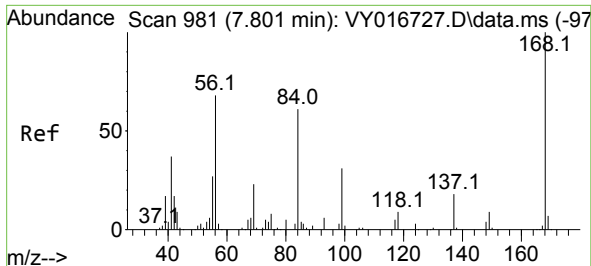
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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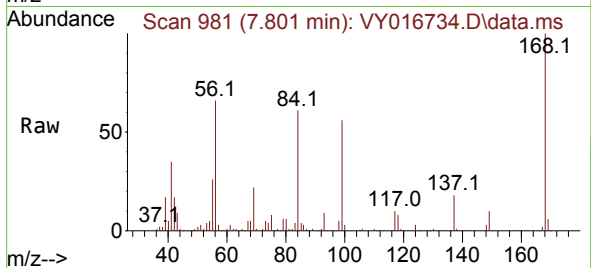
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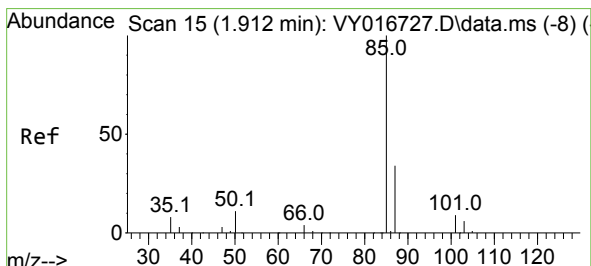
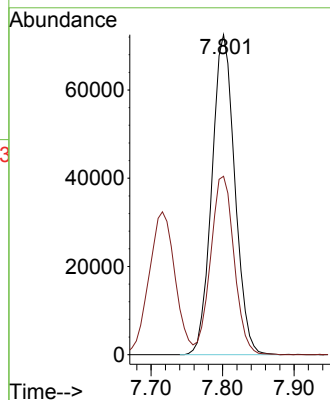
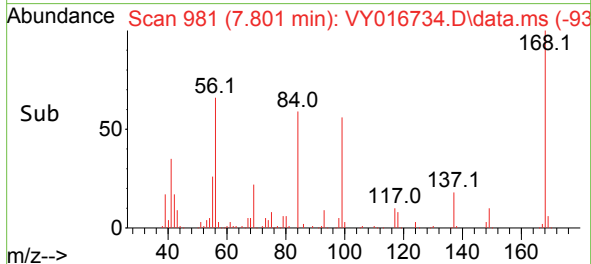


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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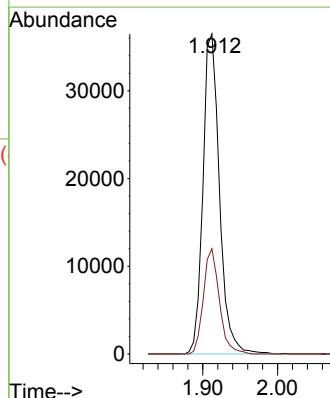
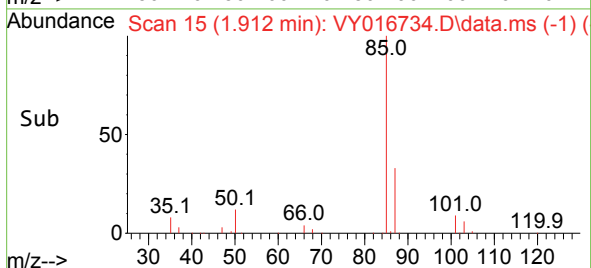
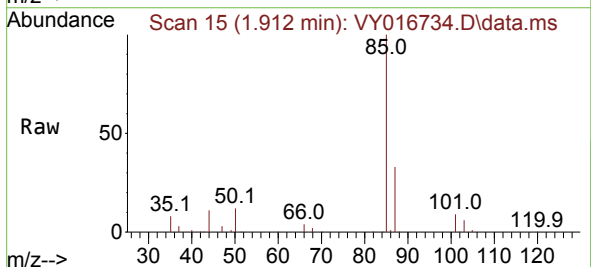


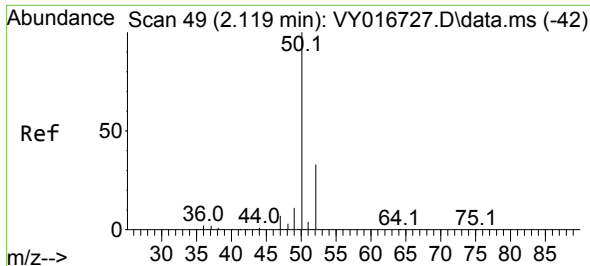
Tgt Ion:168 Resp: 161604
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 40.561 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 85 Resp: 56017
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.3

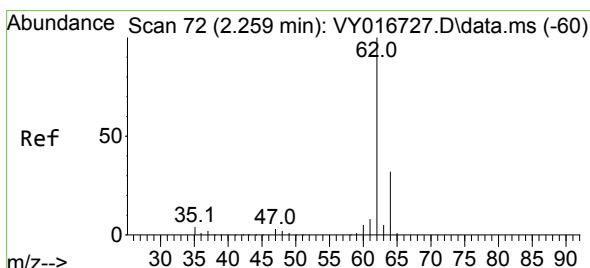
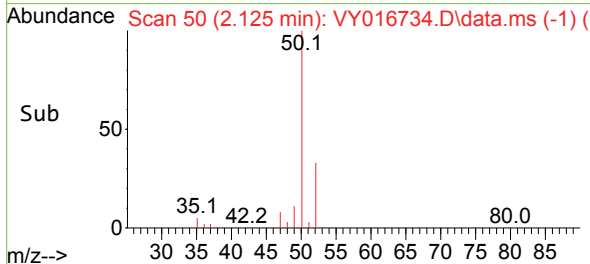
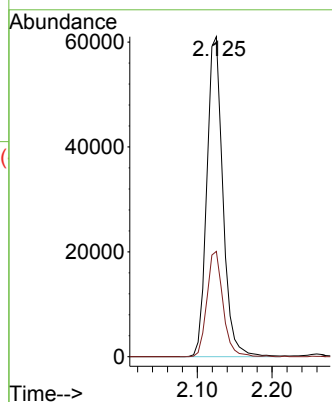
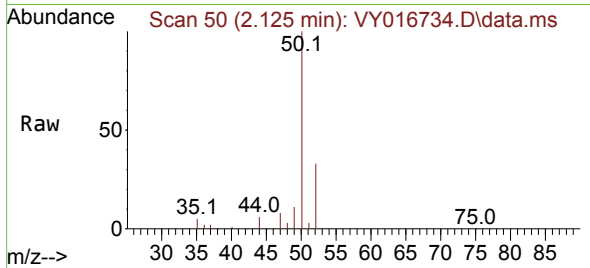




#3
Chloromethane
Concen: 42.784 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

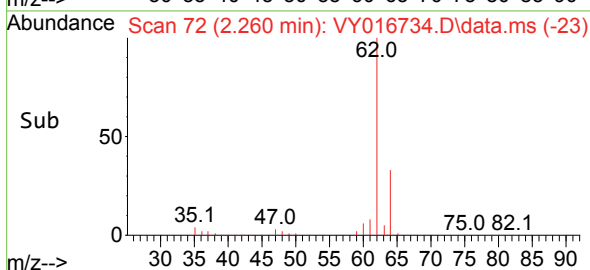
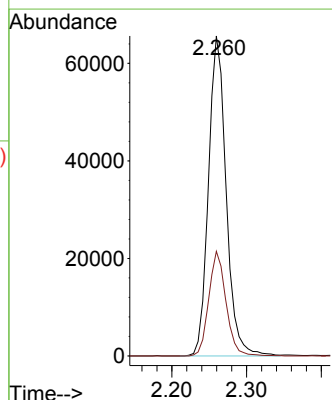
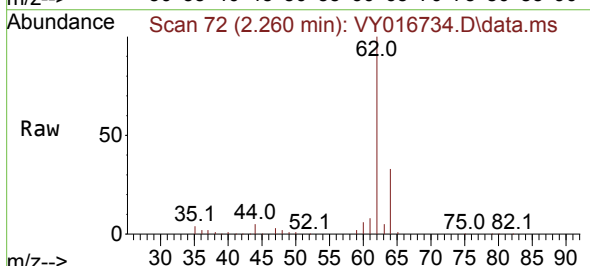
Instrument :
MSVOA_Y
ClientSampleId :

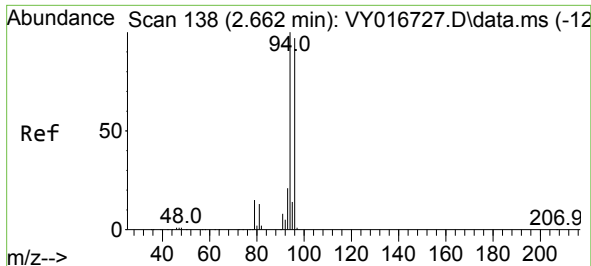
Tgt Ion: 50 Resp: 90823
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 45.067 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 62 Resp: 108062
Ion Ratio Lower Upper
62 100
64 32.7 25.7 38.5





#5

Bromomethane

Concen: 45.436 ug/l

RT: 2.662 min Scan# 138

Delta R.T. 0.000 min

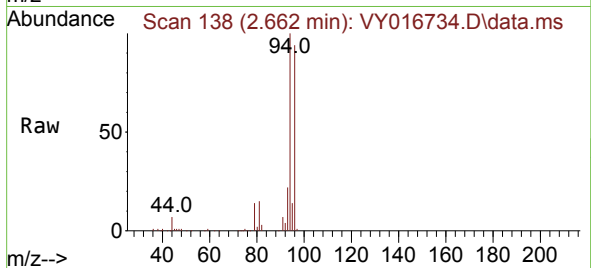
Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

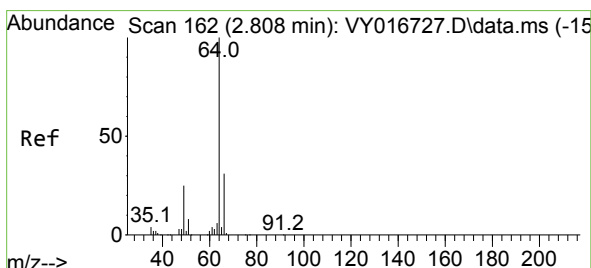
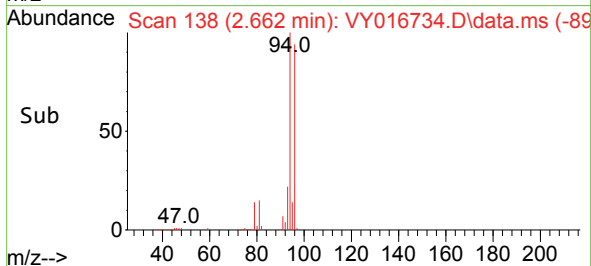
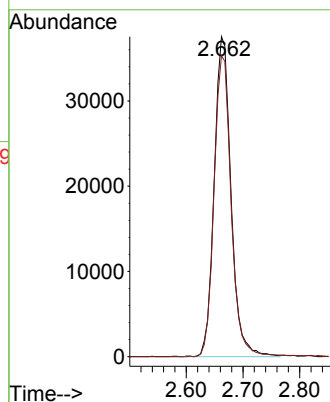


Tgt Ion: 94 Resp: 77596

Ion Ratio Lower Upper

94 100

96 94.0 77.3 115.9



#6

Chloroethane

Concen: 45.218 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.000 min

Lab File: VY016734.D

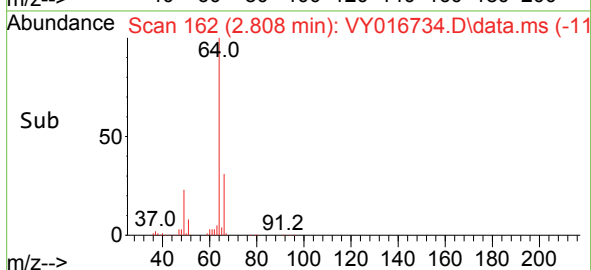
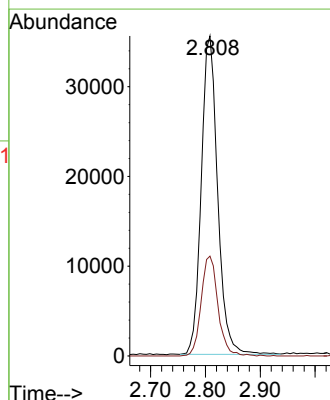
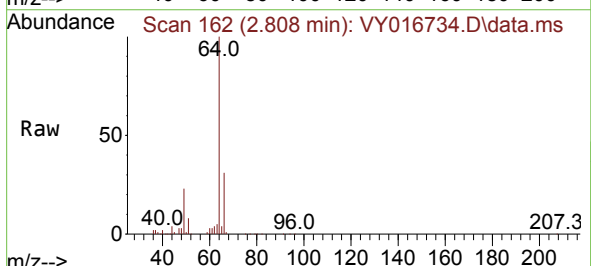
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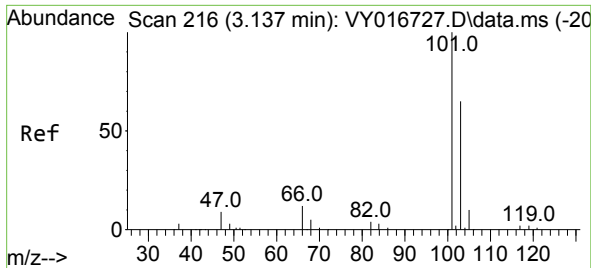
Tgt Ion: 64 Resp: 73469

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7

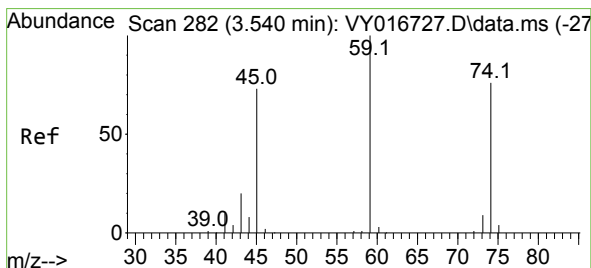
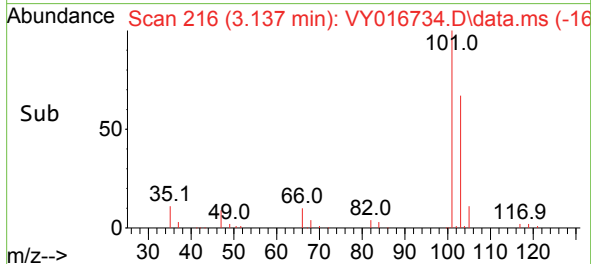
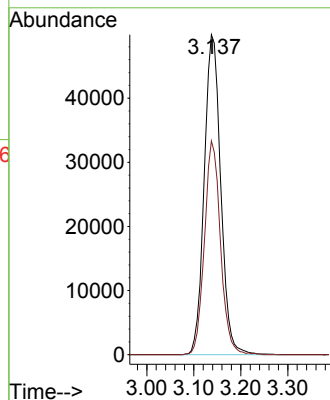
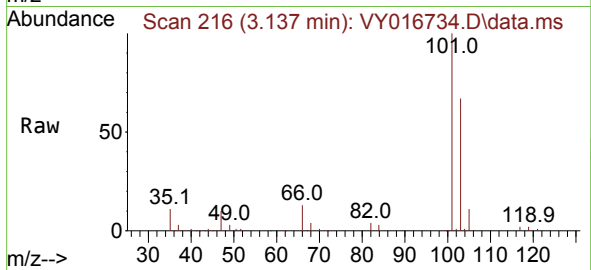




#7
 Trichlorofluoromethane
 Concen: 43.572 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016734.D
 Acq: 20 Dec 2023 19:40

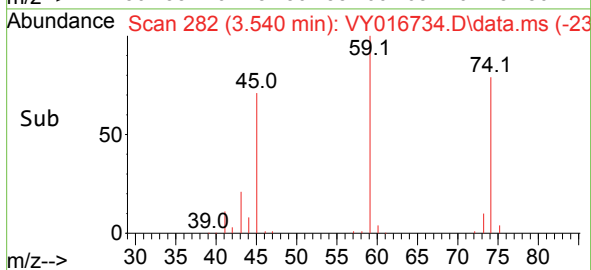
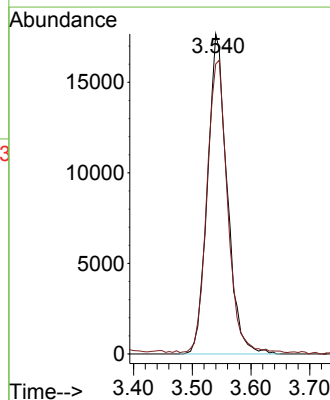
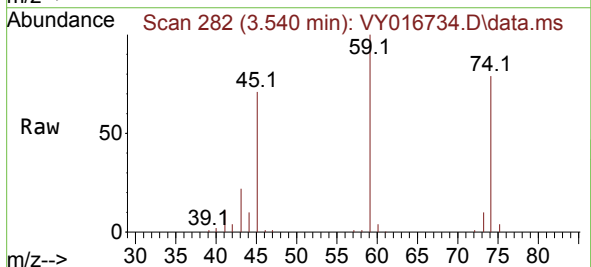
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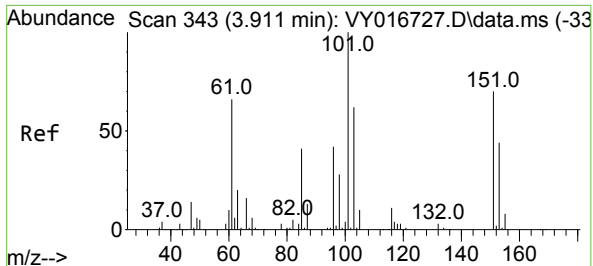
Tgt Ion:101 Resp: 121709
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 45.820 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
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 Acq: 20 Dec 2023 19:40

Tgt Ion: 74 Resp: 40943
 Ion Ratio Lower Upper
 74 100
 45 95.7 47.9 143.7

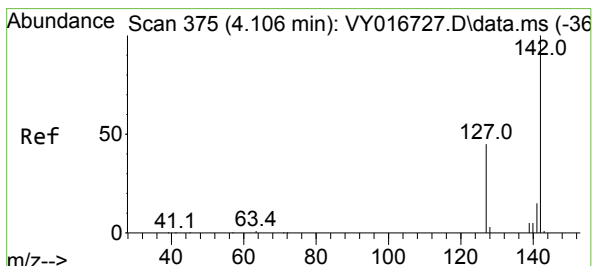
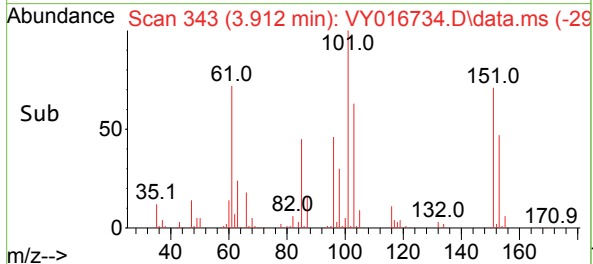
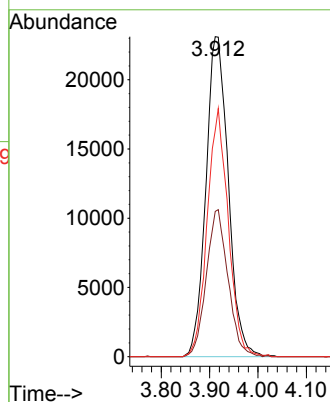
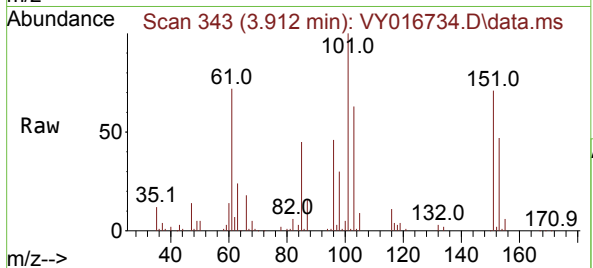




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.424 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

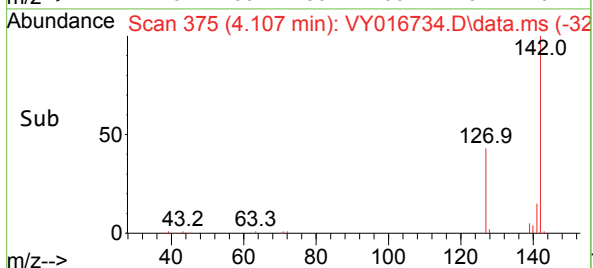
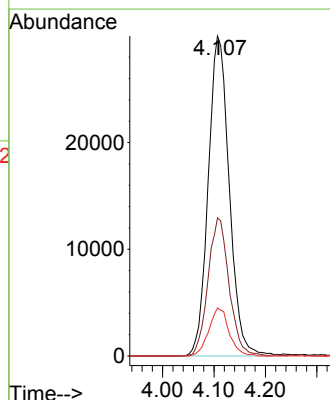
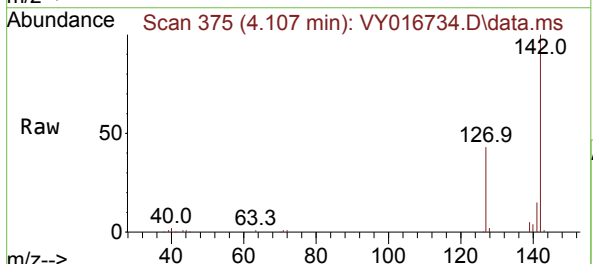
Instrument :
MSVOA_Y
ClientSampleId :

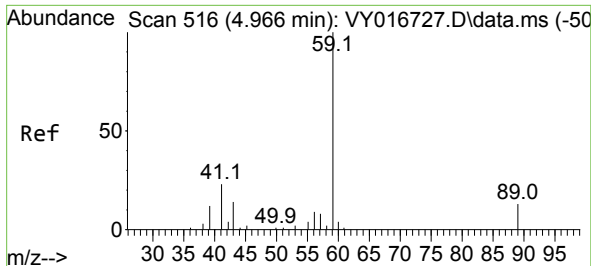
Tgt Ion:101 Resp: 74406
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 72.8 58.6 88.0



#10
Methyl Iodide
Concen: 47.737 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

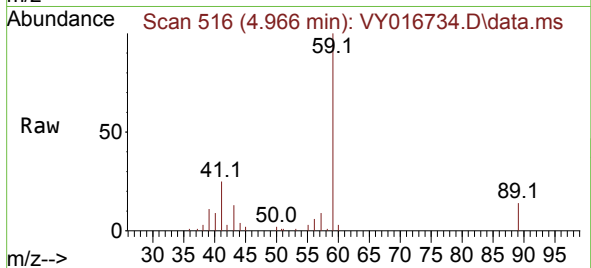
Tgt Ion:142 Resp: 85236
Ion Ratio Lower Upper
142 100
127 43.1 35.1 52.7
141 14.5 11.8 17.6



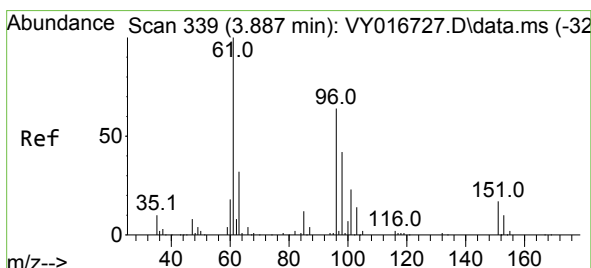
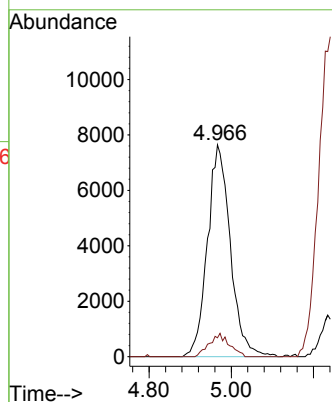
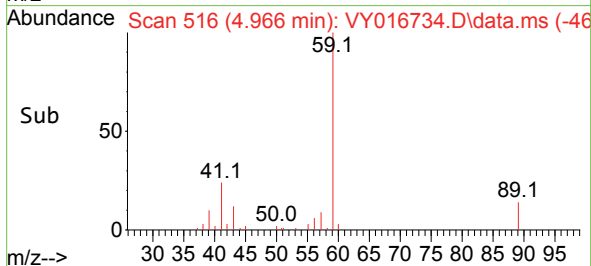


#11
Tert butyl alcohol
Concen: 244.314 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :

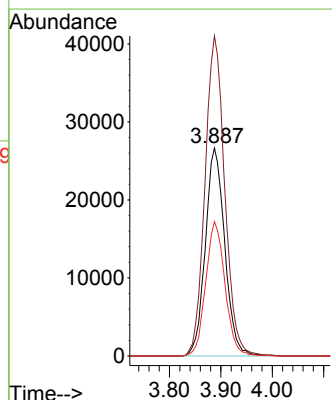
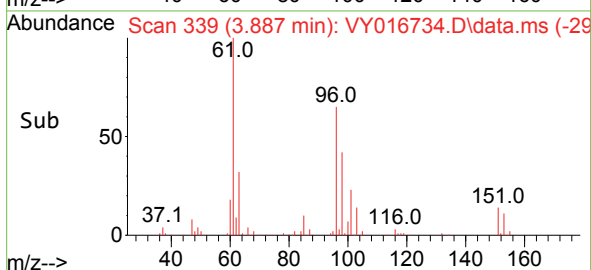
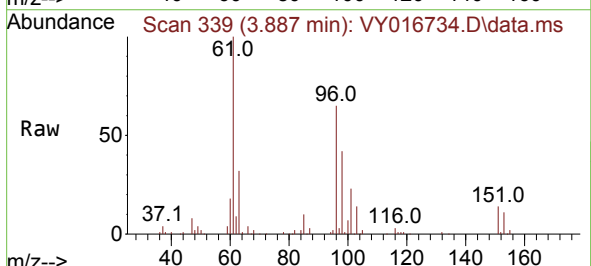


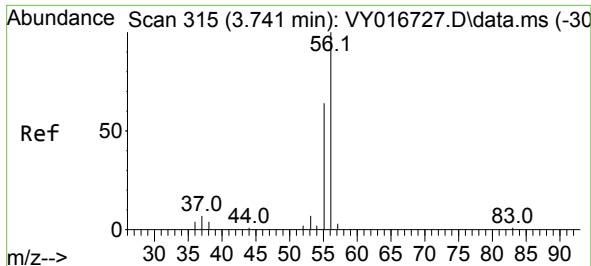
Tgt Ion: 59 Resp: 29552
Ion Ratio Lower Upper
59 100
57 9.5 7.4 11.0



#12
1,1-Dichloroethene
Concen: 45.953 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 96 Resp: 70107
Ion Ratio Lower Upper
96 100
61 153.9 124.2 186.2
98 64.6 52.6 79.0

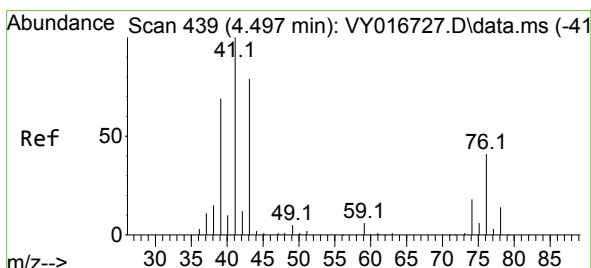
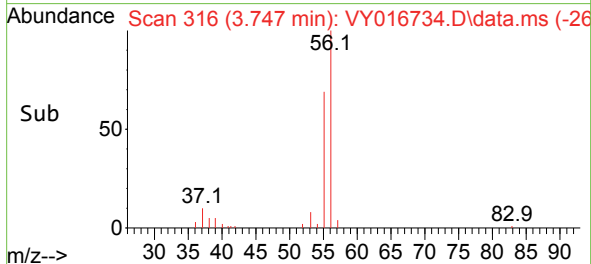
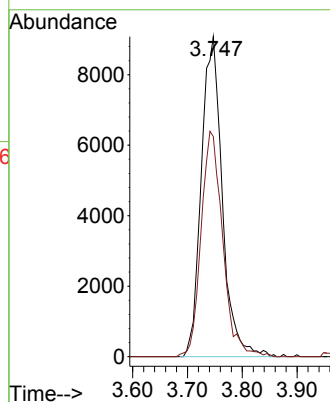
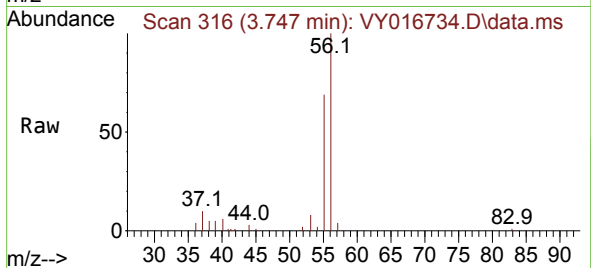




#13
Acrolein
Concen: 258.316 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

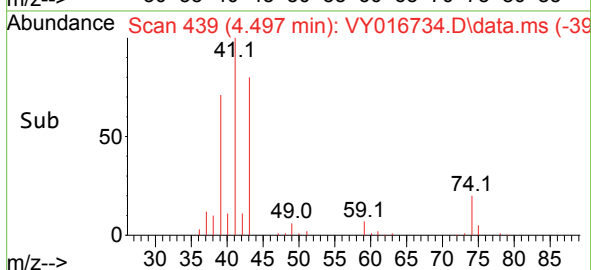
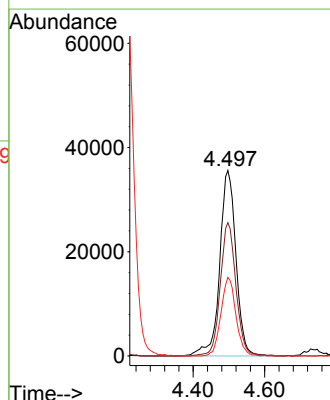
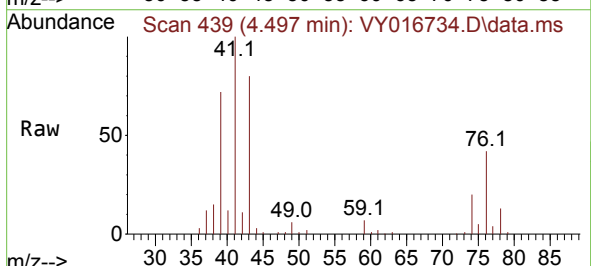
Instrument :
MSVOA_Y
ClientSampleId :

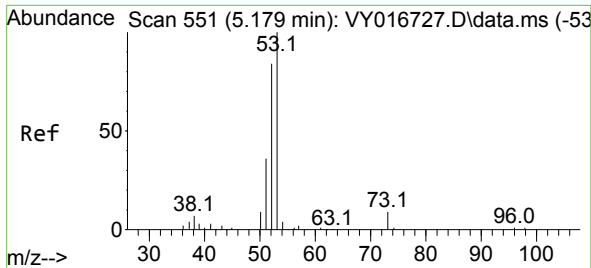
Tgt Ion: 56 Resp: 24108
Ion Ratio Lower Upper
56 100
55 72.6 55.4 83.0



#14
Allyl chloride
Concen: 48.119 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 41 Resp: 112443
Ion Ratio Lower Upper
41 100
39 69.2 54.7 82.1
76 38.9 31.8 47.6





#15

Acrylonitrile

Concen: 250.131 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.001 min

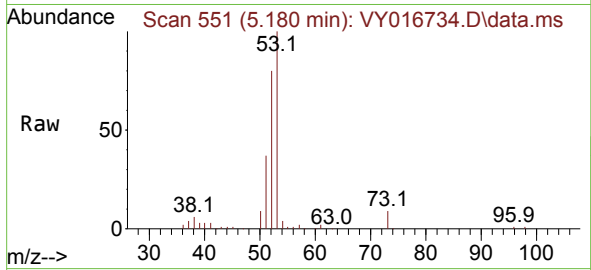
Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

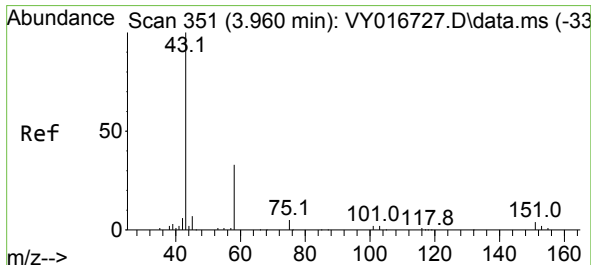
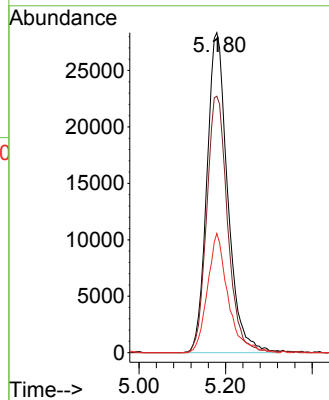
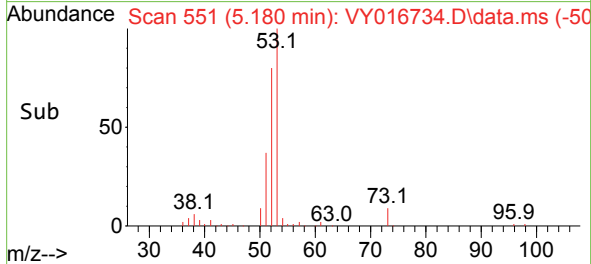
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	53	Resp:	94652
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.1	97.7
51	36.9	29.0	43.4



#16

Acetone

Concen: 209.783 ug/l

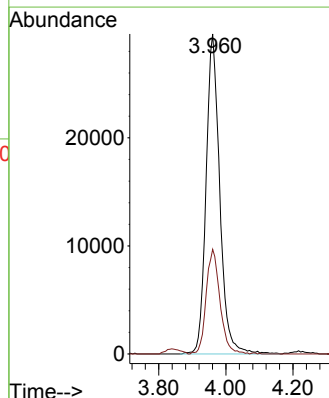
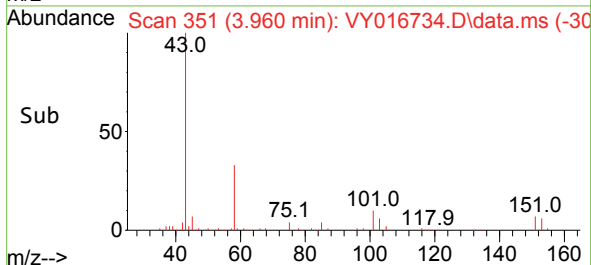
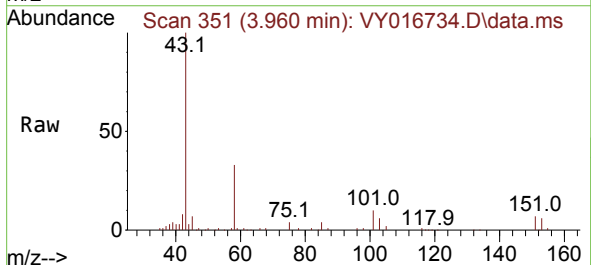
RT: 3.960 min Scan# 351

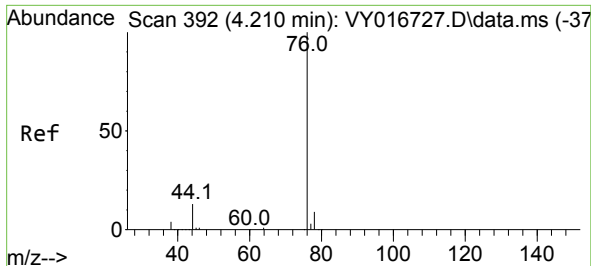
Delta R.T. 0.000 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Tgt Ion:	43	Resp:	83689
Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.6	39.8

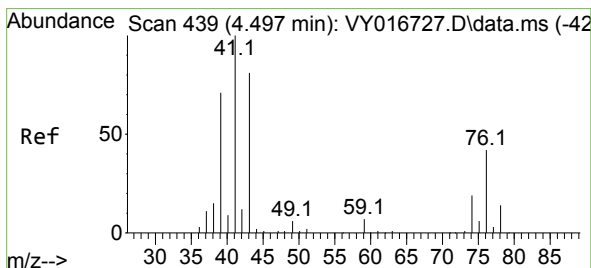
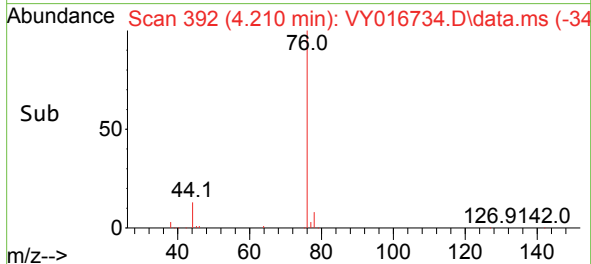
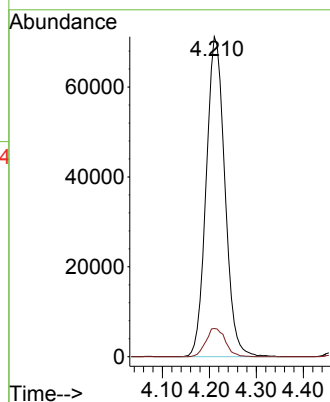
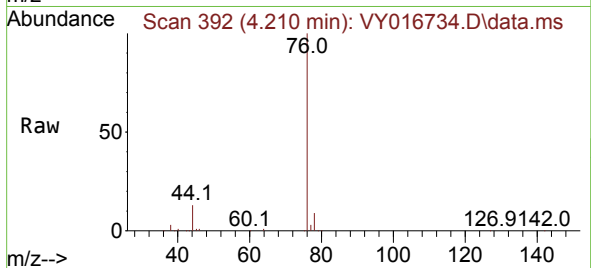




#17
Carbon Disulfide
Concen: 47.312 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

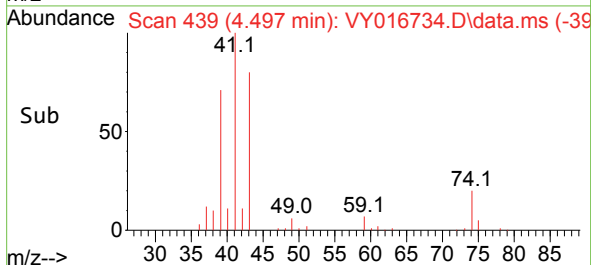
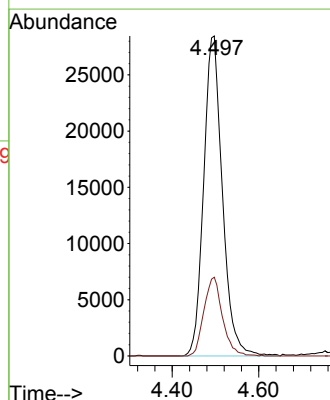
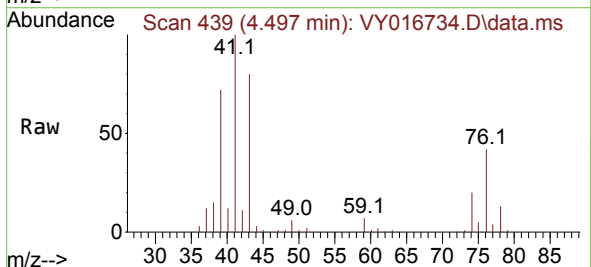
Instrument :
MSVOA_Y
ClientSampleId :

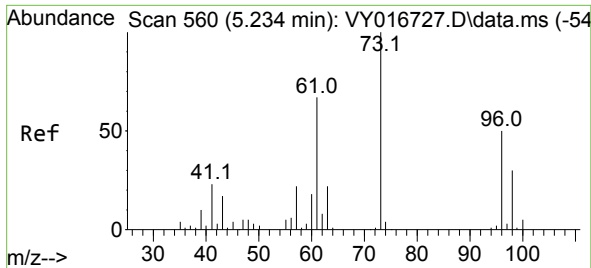
Tgt Ion: 76 Resp: 196400
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 54.788 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 43 Resp: 85416
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.6

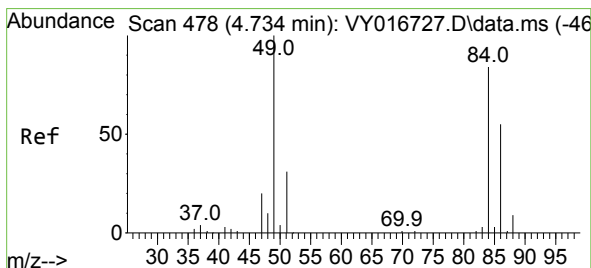
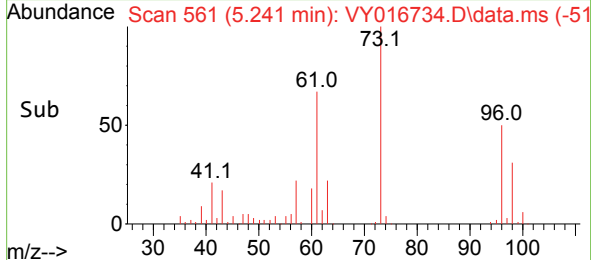
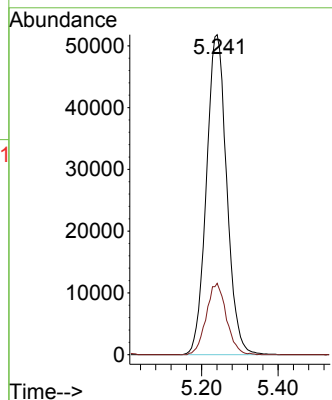
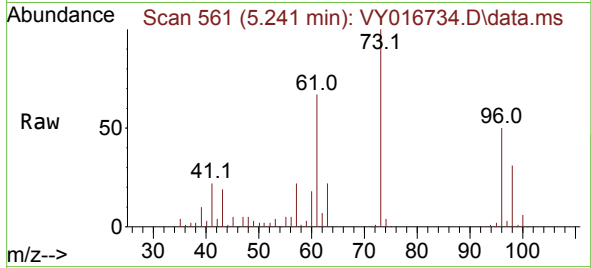




#19
Methyl tert-butyl Ether
Concen: 48.614 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

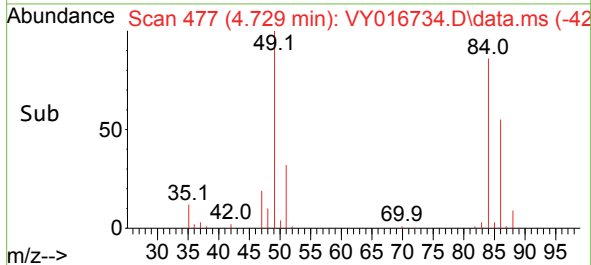
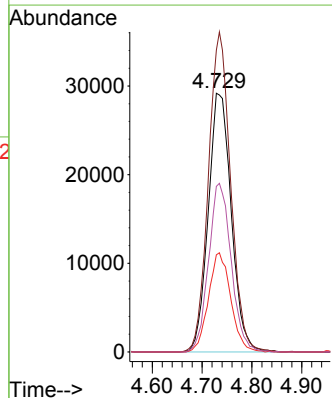
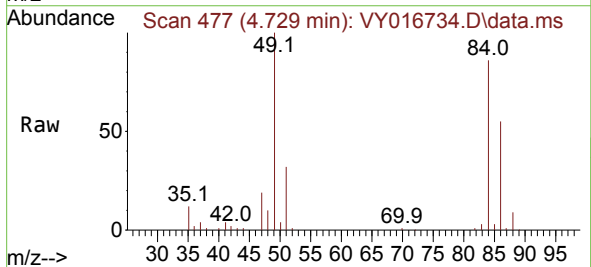
Instrument :
MSVOA_Y
ClientSampleId :

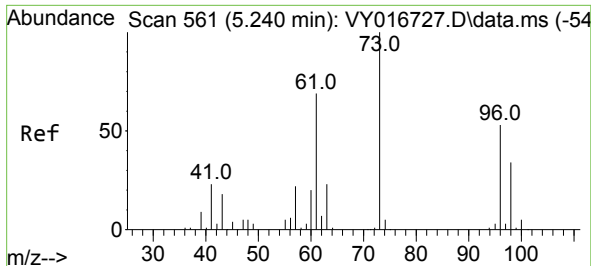
Tgt Ion: 73 Resp: 190836
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 46.371 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.005 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

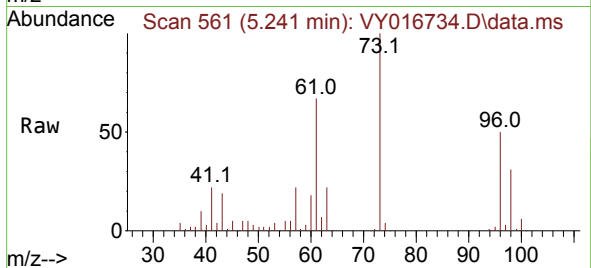
Tgt Ion: 84 Resp: 93808
Ion Ratio Lower Upper
84 100
49 116.6 95.2 142.8
51 37.5 29.9 44.9
86 64.0 52.2 78.4



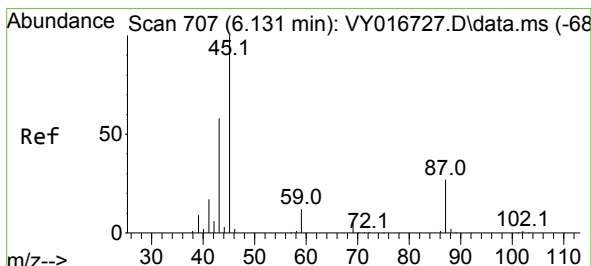
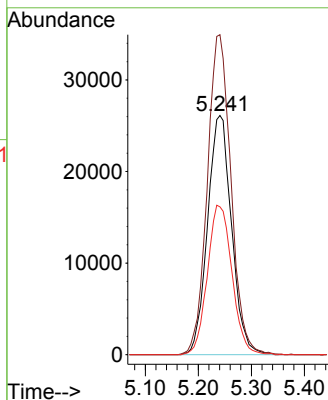
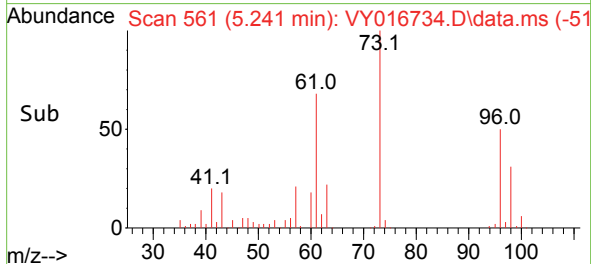


#21
trans-1,2-Dichloroethene
Concen: 47.189 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

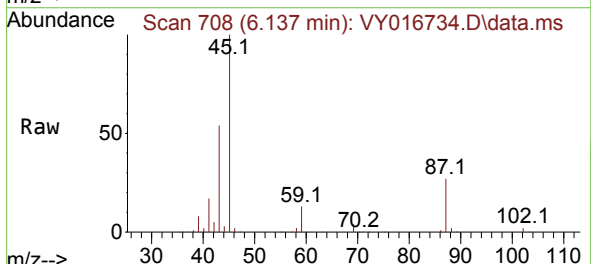
Instrument :
MSVOA_Y
ClientSampleId :



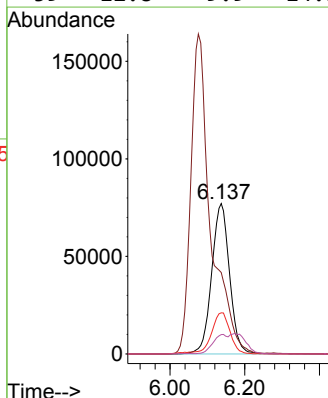
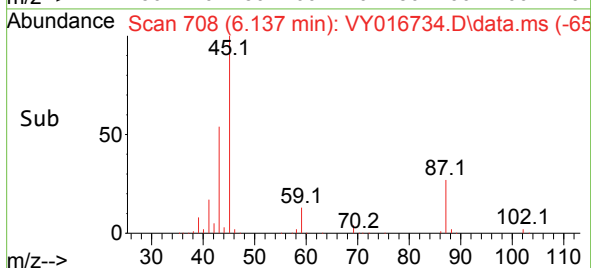
Tgt Ion: 96 Resp: 82107
Ion Ratio Lower Upper
96 100
61 133.7 104.6 156.8
98 61.8 50.9 76.3

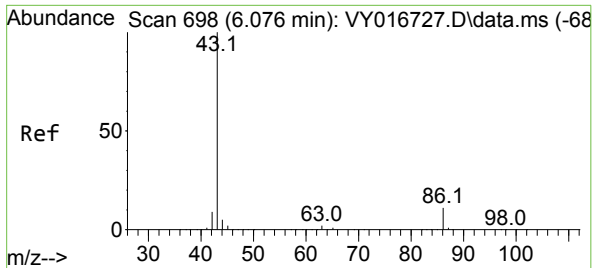


#22
Diisopropyl ether
Concen: 48.374 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40



Tgt Ion: 45 Resp: 255735
Ion Ratio Lower Upper
45 100
43 53.8 46.8 70.2
87 27.4 22.2 33.2
59 12.8 9.9 14.9

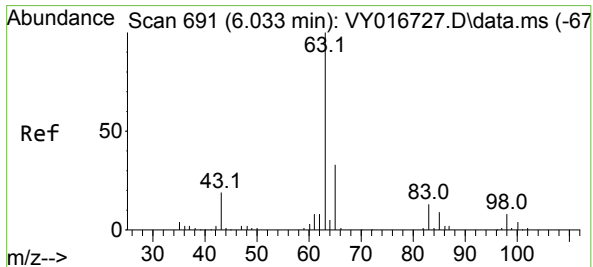
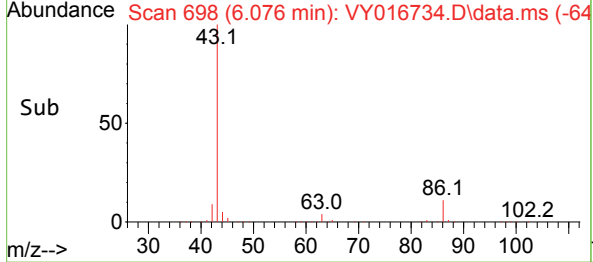
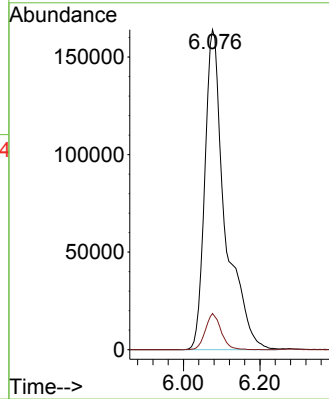
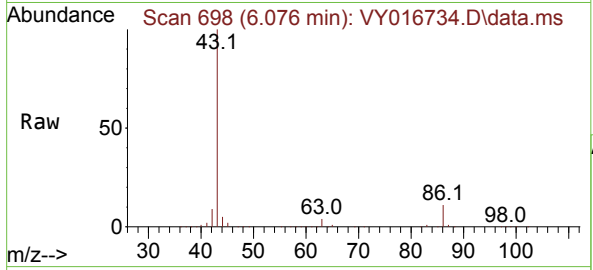




#23
 Vinyl Acetate
 Concen: 241.429 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016734.D
 Acq: 20 Dec 2023 19:40

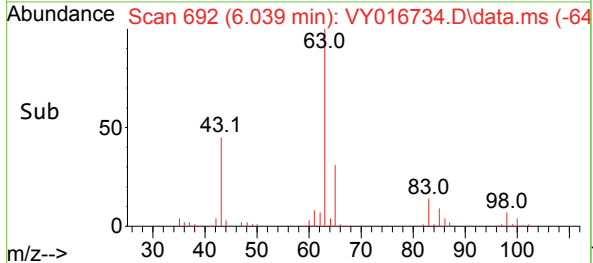
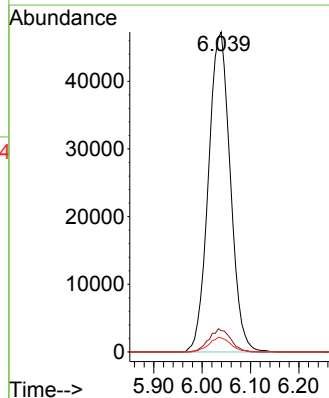
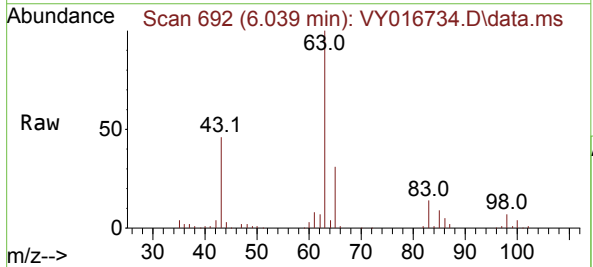
Instrument :
 MSVOA_Y
 ClientSampleId :

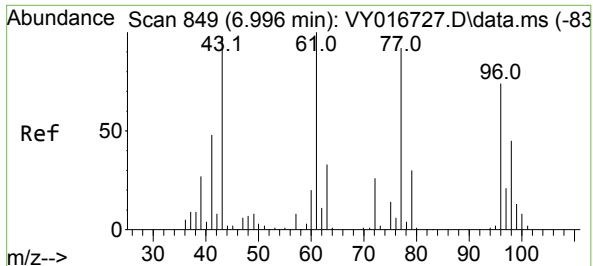
Tgt Ion: 43 Resp: 603655
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 46.804 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016734.D
 Acq: 20 Dec 2023 19:40

Tgt Ion: 63 Resp: 148638
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 228.332 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

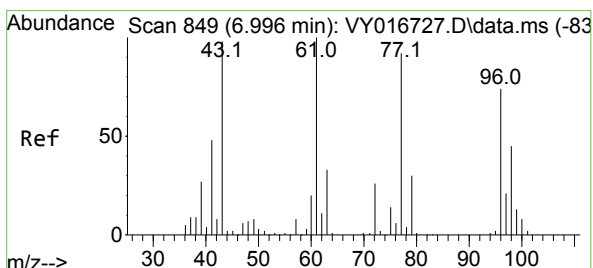
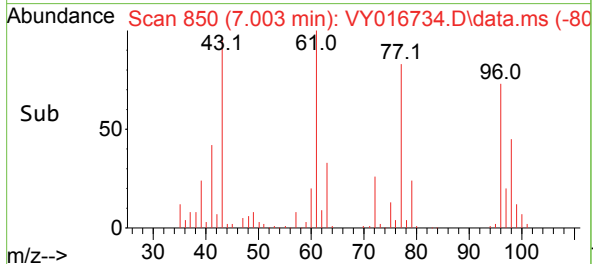
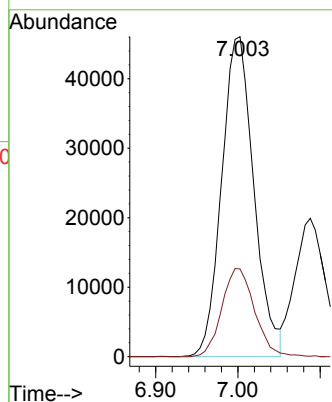
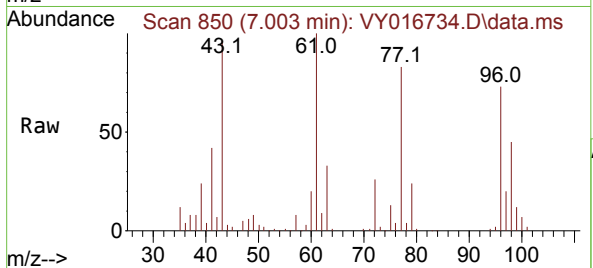
ClientSampleId :

Tgt Ion: 43 Resp: 125412

Ion Ratio Lower Upper

43 100

72 27.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 45.636 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016734.D

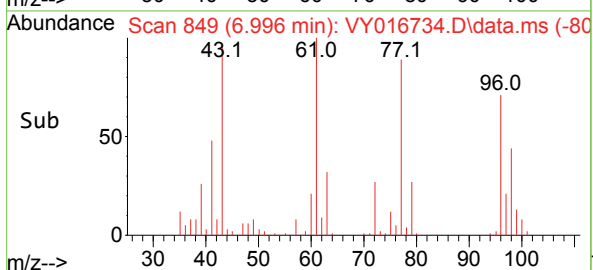
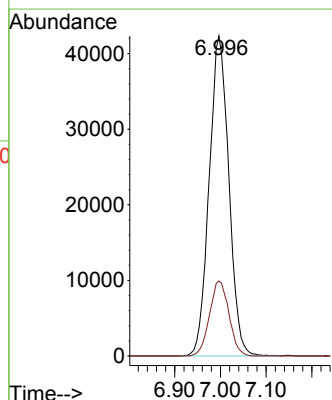
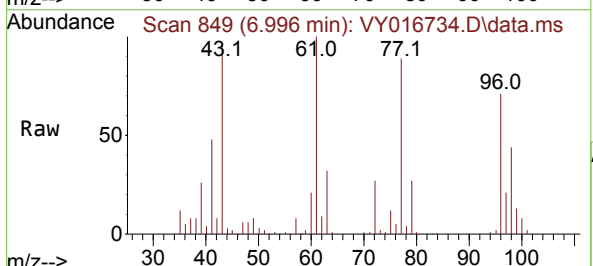
Acq: 20 Dec 2023 19:40

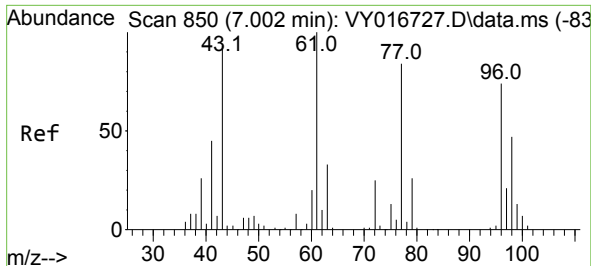
Tgt Ion: 77 Resp: 126472

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.737 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

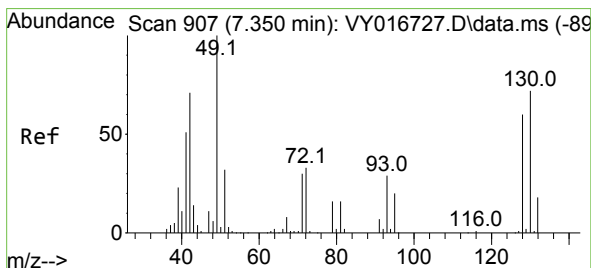
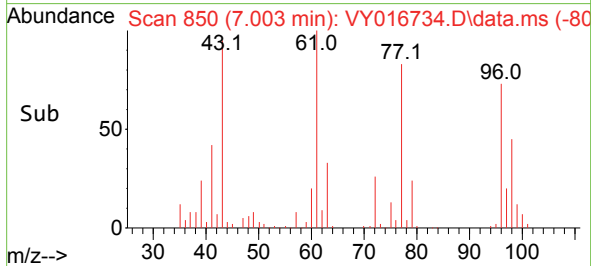
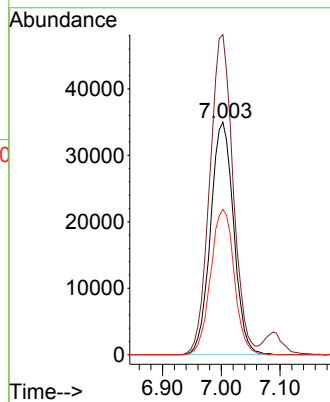
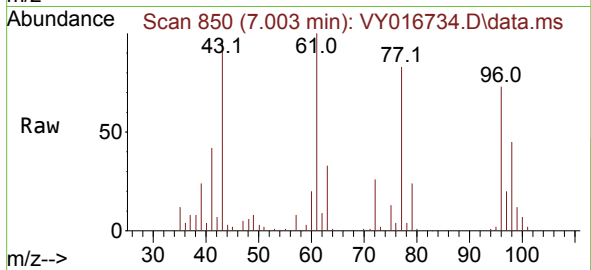
Tgt Ion: 96 Resp: 95594

Ion Ratio Lower Upper

96 100

61 138.8 0.0 278.8

98 63.7 0.0 127.0



#28

Bromochloromethane

Concen: 59.616 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

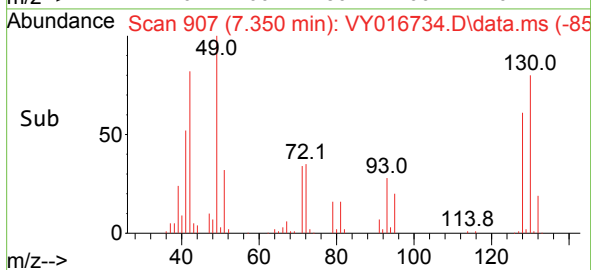
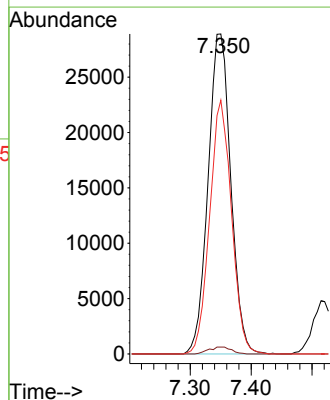
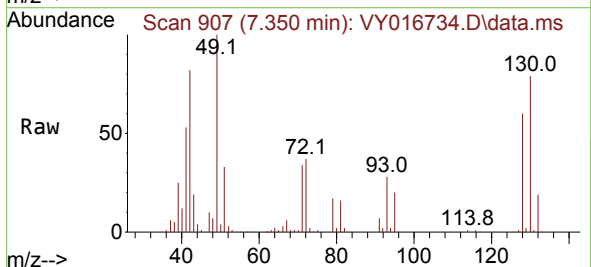
Tgt Ion: 49 Resp: 74934

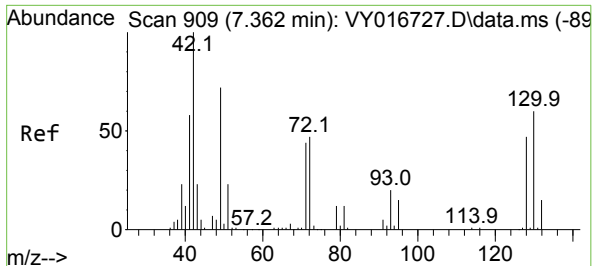
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 76.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 263.889 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

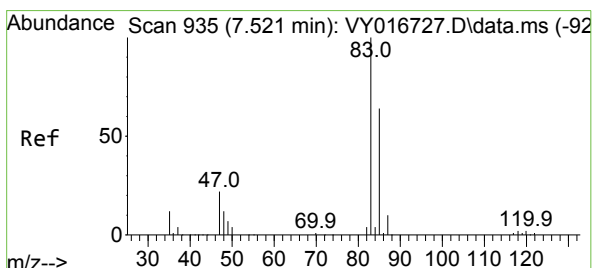
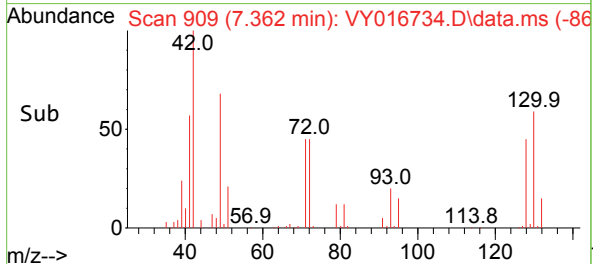
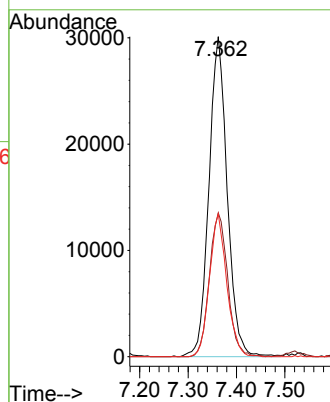
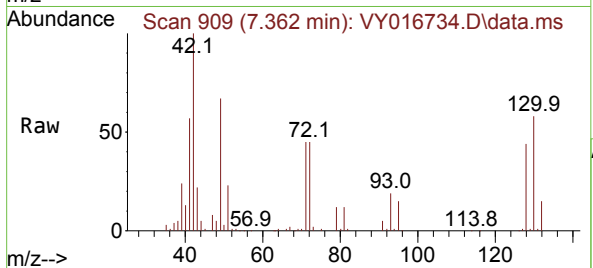
Tgt Ion: 42 Resp: 79254

Ion Ratio Lower Upper

42 100

72 45.0 36.6 54.8

71 42.3 33.8 50.6



#30

Chloroform

Concen: 46.761 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016734.D

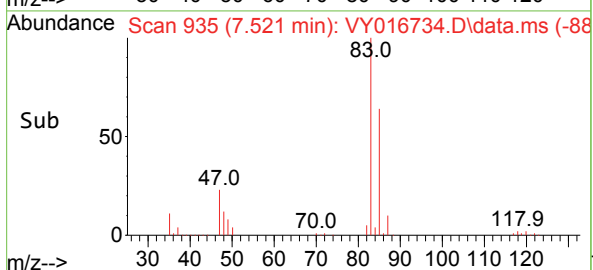
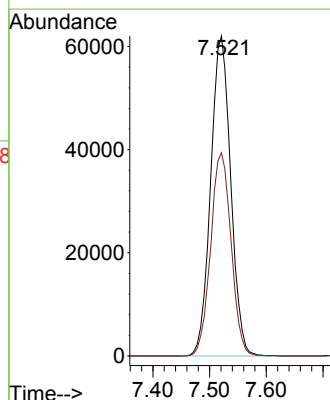
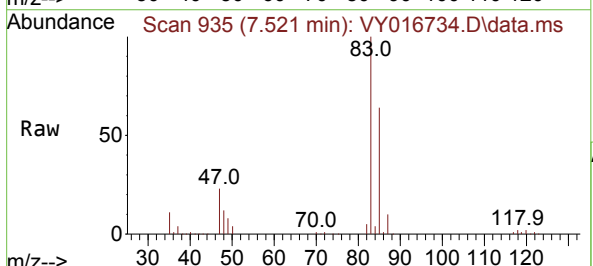
Acq: 20 Dec 2023 19:40

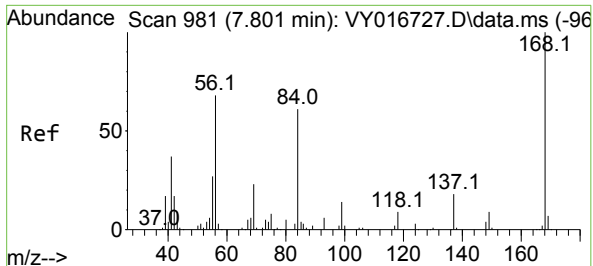
Tgt Ion: 83 Resp: 152020

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

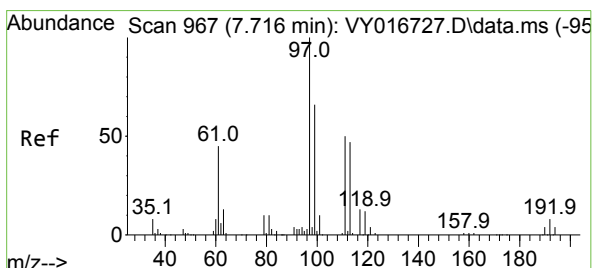
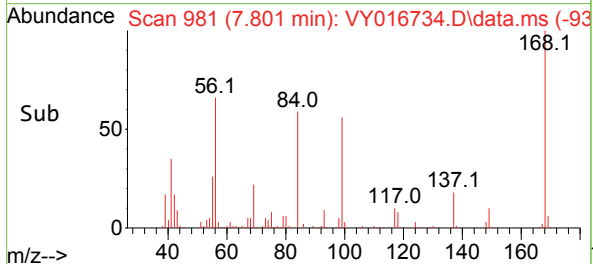
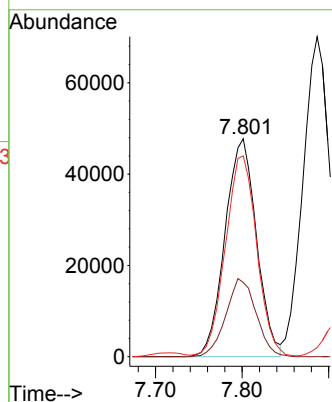
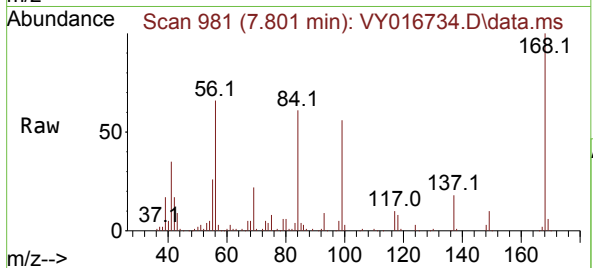




#31
Cyclohexane
Concen: 42.633 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

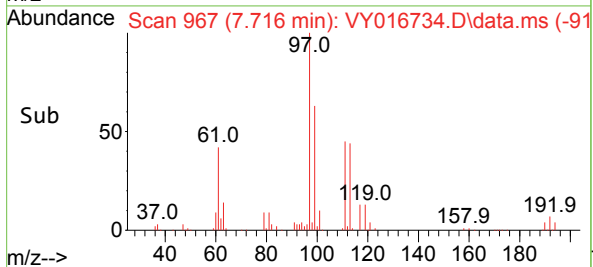
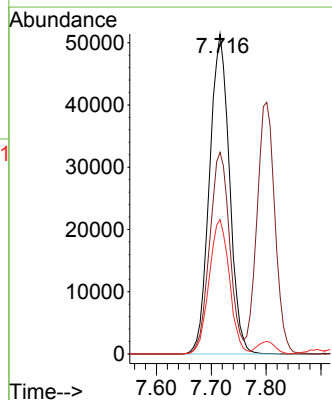
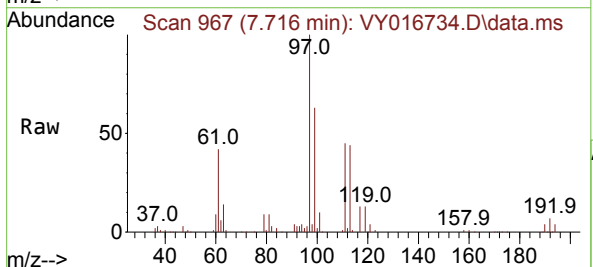
Instrument :
MSVOA_Y
ClientSampleId :

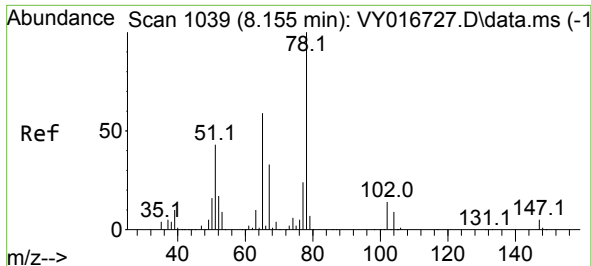
Tgt Ion: 56 Resp: 120504
Ion Ratio Lower Upper
56 100
69 34.1 27.0 40.6
84 90.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 45.383 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 97 Resp: 129510
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 43.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.536 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

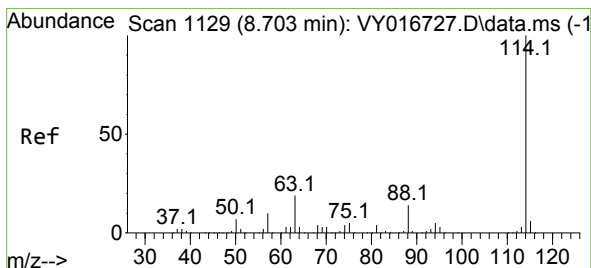
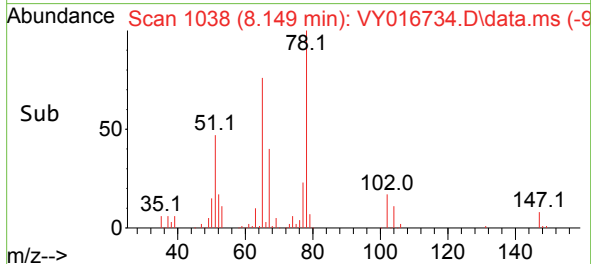
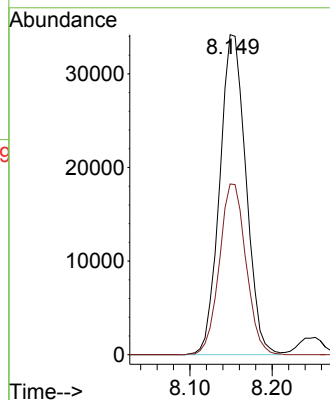
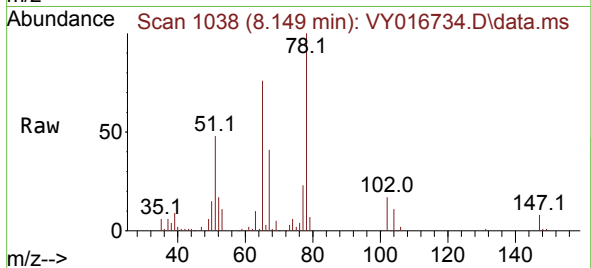
ClientSampleId :

Tgt Ion: 65 Resp: 76029

Ion Ratio Lower Upper

65 100

67 54.0 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: VY016734.D

Acq: 20 Dec 2023 19:40

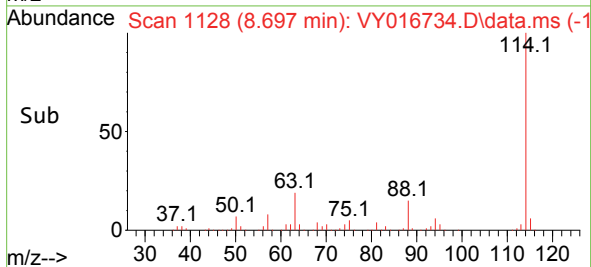
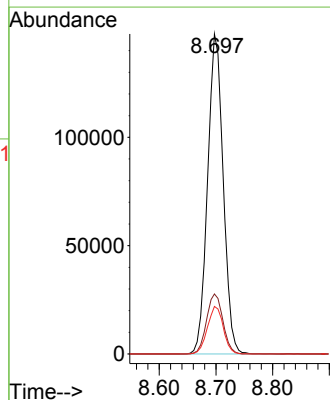
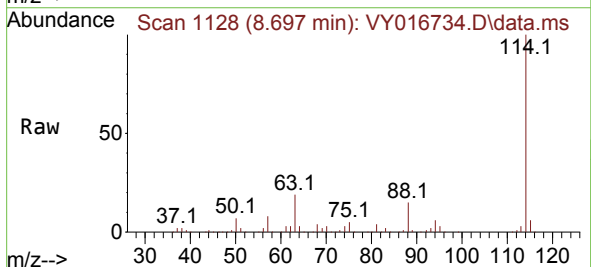
Tgt Ion: 114 Resp: 282112

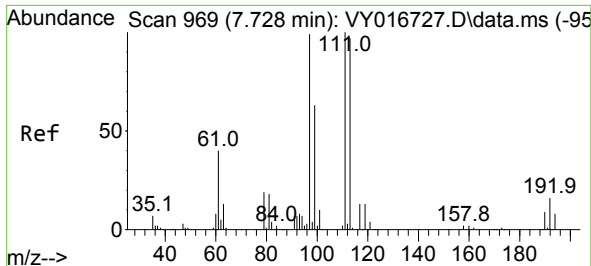
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

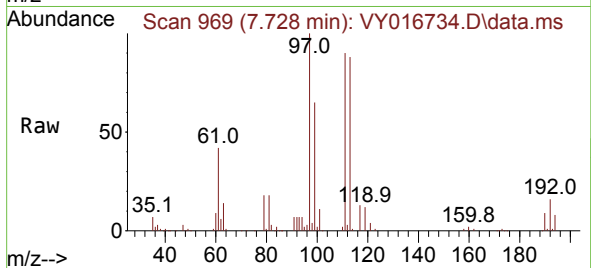
88 14.9 0.0 29.0



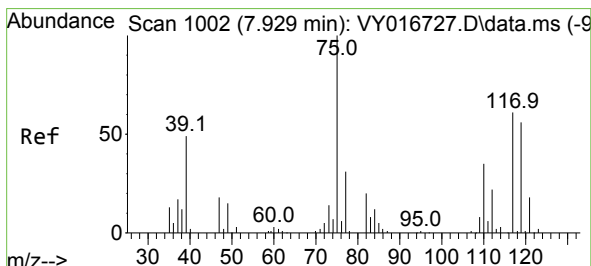
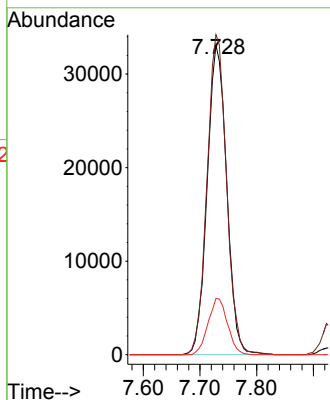
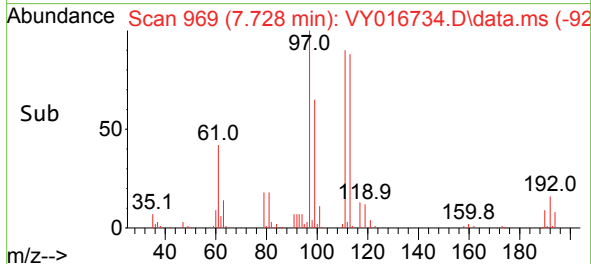


#35
 Dibromofluoromethane
 Concen: 49.046 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY016734.D
 Acq: 20 Dec 2023 19:40

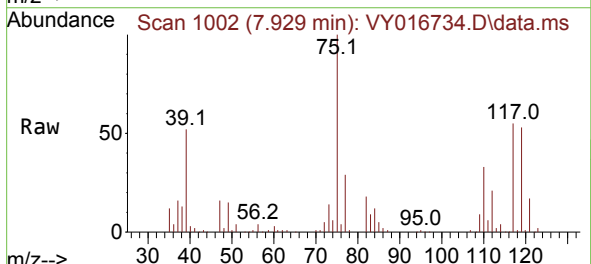
Instrument :
 MSVOA_Y
 ClientSampleId :



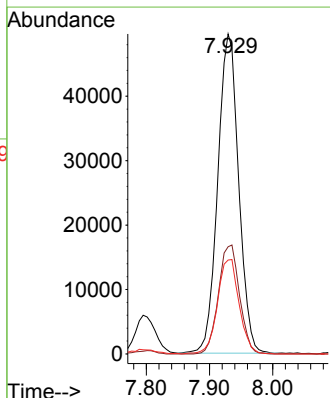
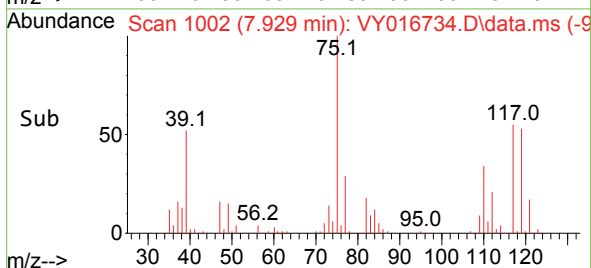
Tgt Ion:113 Resp: 79258
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.8 125.6
 192 18.1 14.5 21.7

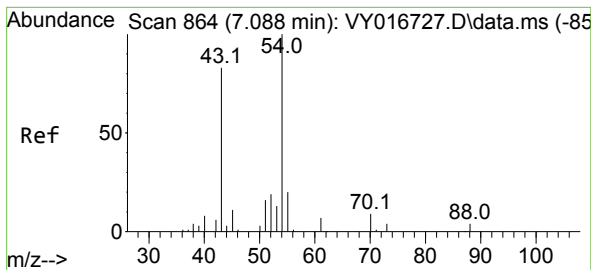


#36
 1,1-Dichloropropene
 Concen: 43.762 ug/l
 RT: 7.929 min Scan# 1002
 Delta R.T. 0.000 min
 Lab File: VY016734.D
 Acq: 20 Dec 2023 19:40



Tgt Ion: 75 Resp: 113376
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.4 52.3
 77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 48.006 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

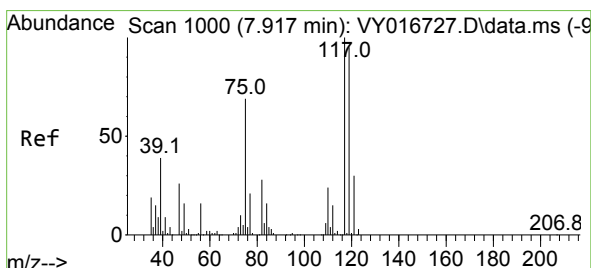
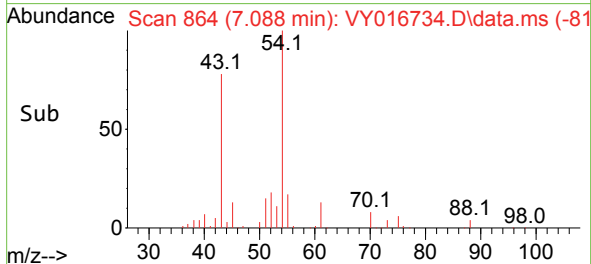
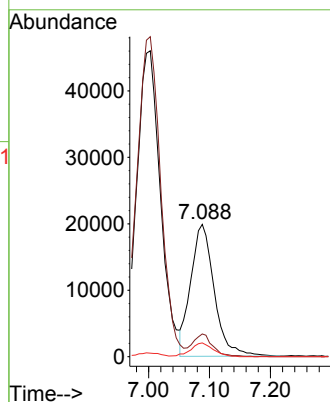
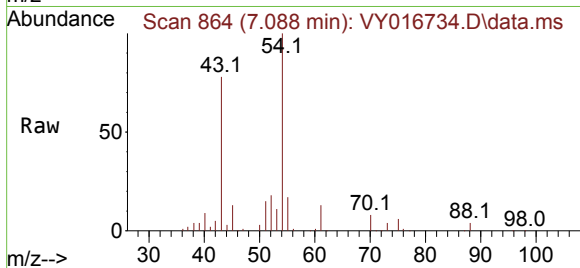
Tgt Ion: 43 Resp: 53308

Ion Ratio Lower Upper

43 100

61 14.9 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 43.904 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

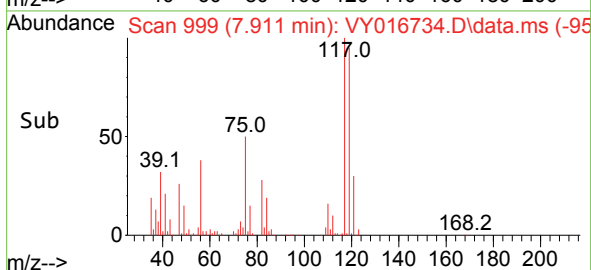
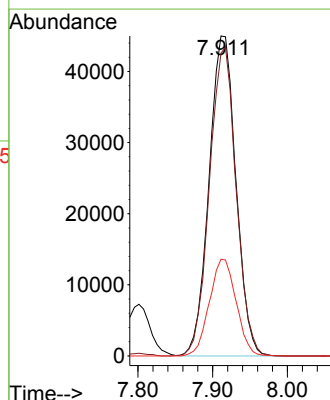
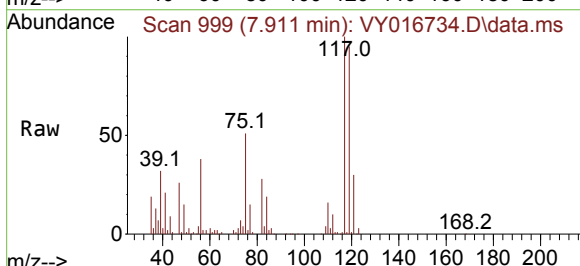
Tgt Ion: 117 Resp: 112553

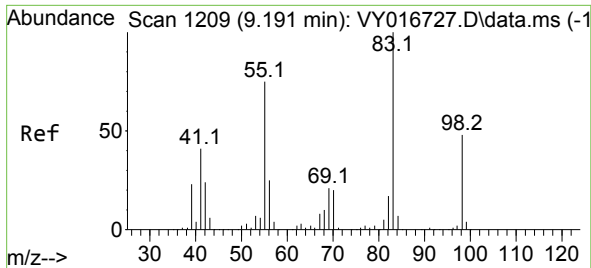
Ion Ratio Lower Upper

117 100

119 94.5 76.0 114.0

121 30.2 24.2 36.2

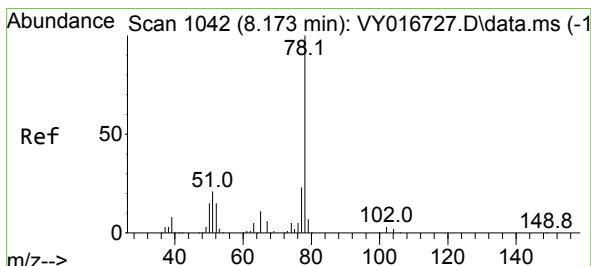
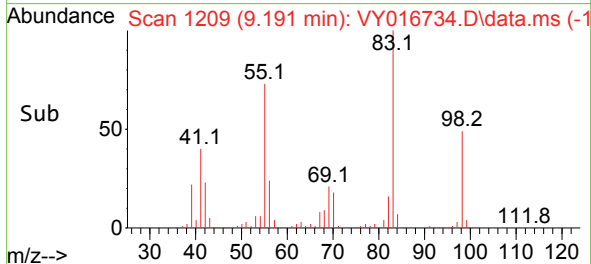
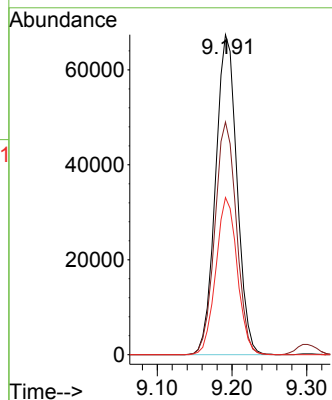
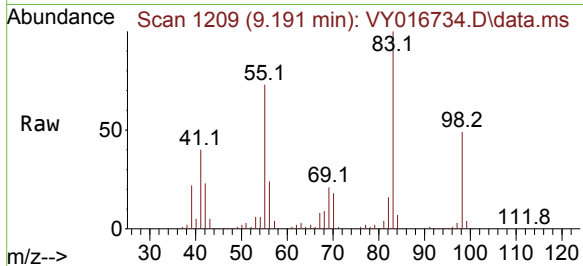




#39
Methylcyclohexane
Concen: 44.898 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

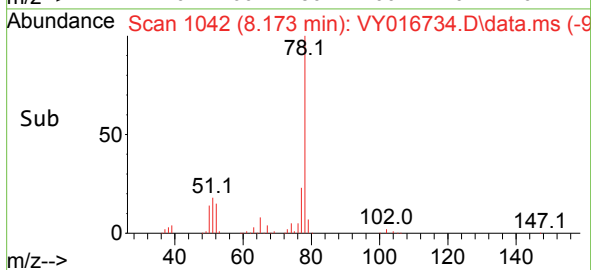
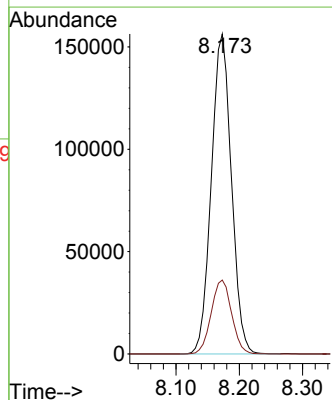
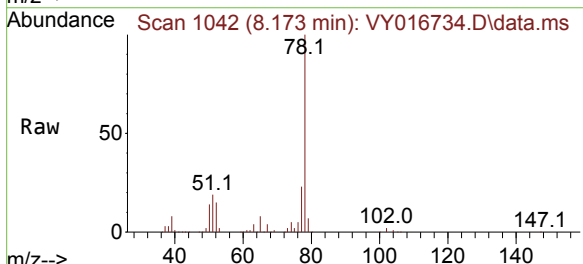
Instrument :
MSVOA_Y
ClientSampleId :

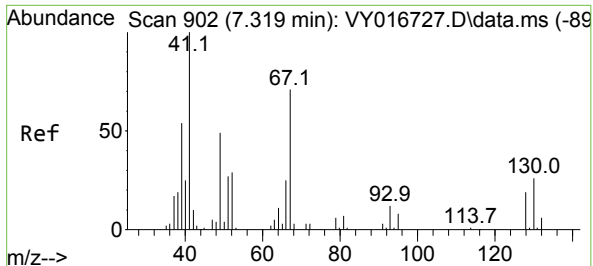
Tgt Ion: 83 Resp: 134298
Ion Ratio Lower Upper
83 100
55 72.7 59.7 89.5
98 49.1 38.0 57.0



#40
Benzene
Concen: 45.604 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

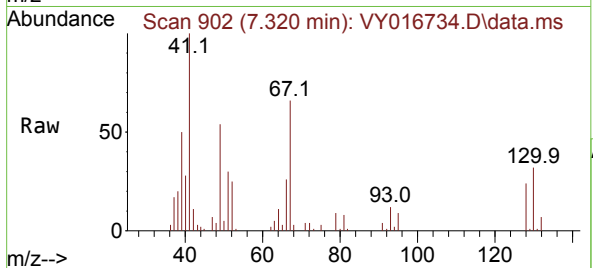
Tgt Ion: 78 Resp: 343814
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



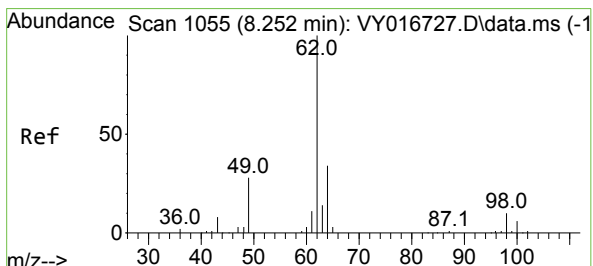
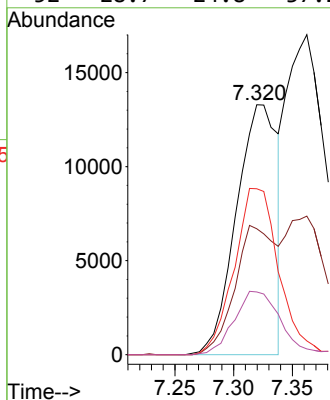
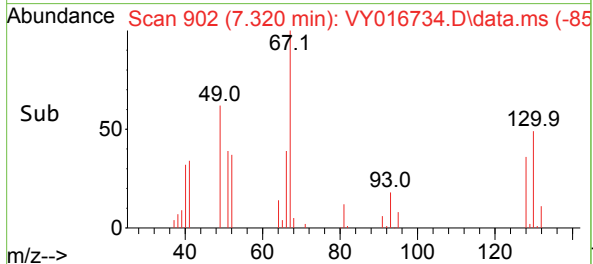


#41
Methacrylonitrile
Concen: 54.761 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Instrument :
MSVOA_Y
ClientSampleId :

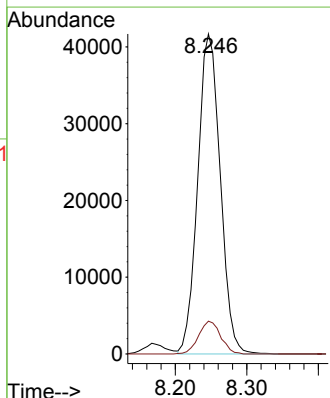
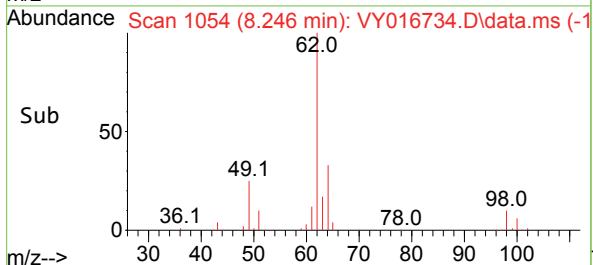
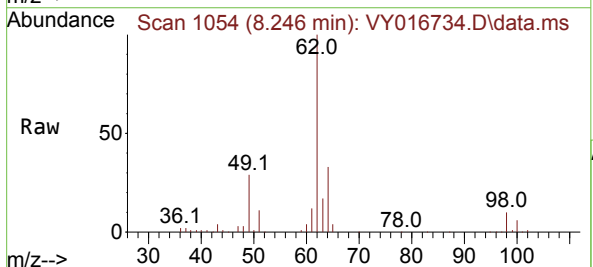


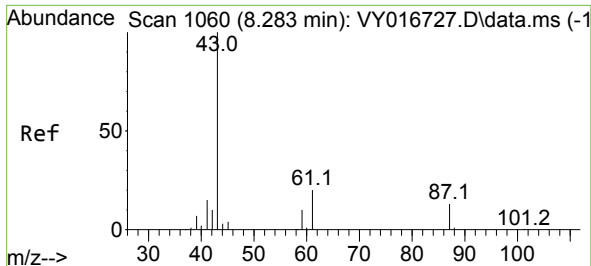
Tgt Ion:	41	Resp:	32286
Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.9	62.9
67	72.8	59.8	89.6
52	28.7	24.8	37.2



#42
1,2-Dichloroethane
Concen: 46.395 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion:	62	Resp:	91255
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

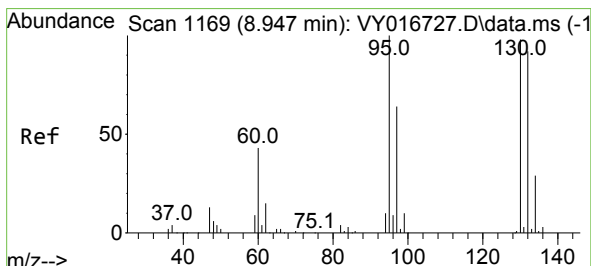
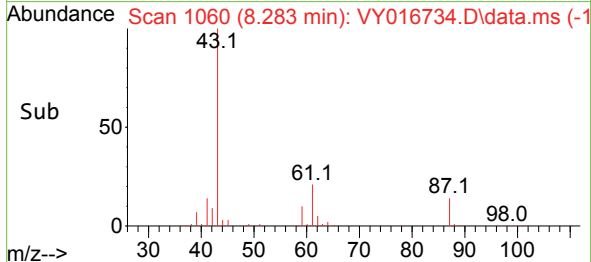
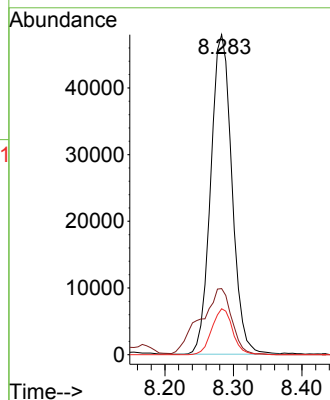
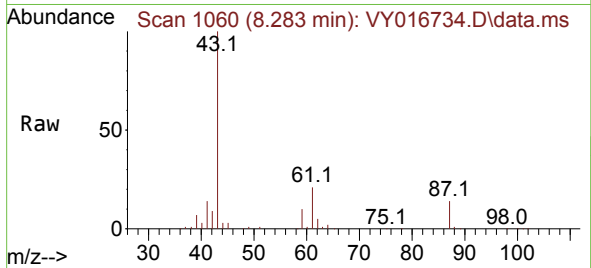




#43
Isopropyl Acetate
Concen: 47.638 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

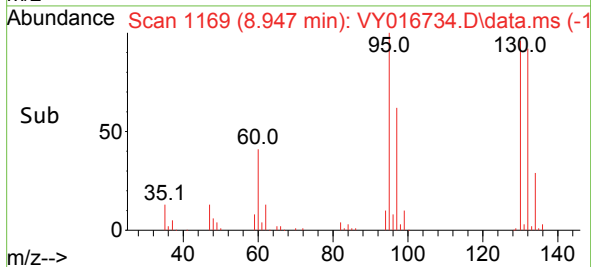
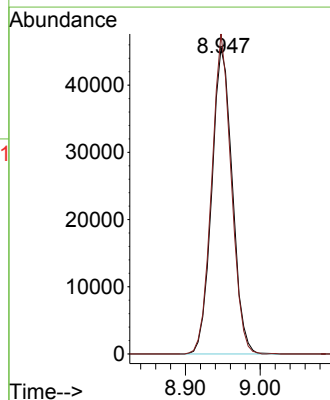
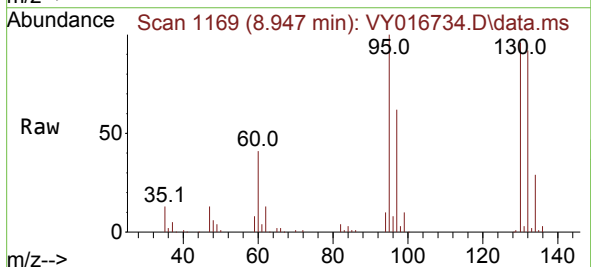
Instrument :
MSVOA_Y
ClientSampleId :

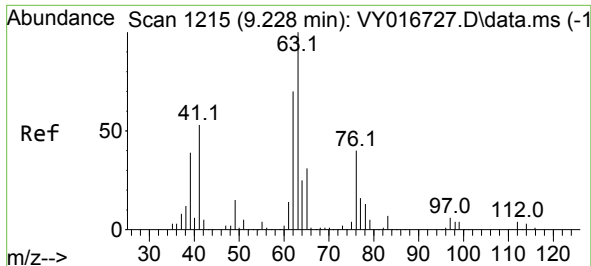
Tgt Ion: 43 Resp: 102741
Ion Ratio Lower Upper
43 100
61 30.6 24.8 37.2
87 14.1 10.7 16.1



#44
Trichloroethene
Concen: 45.125 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion:130 Resp: 86831
Ion Ratio Lower Upper
130 100
95 104.6 0.0 203.8

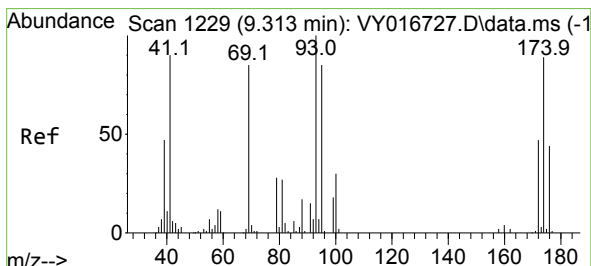
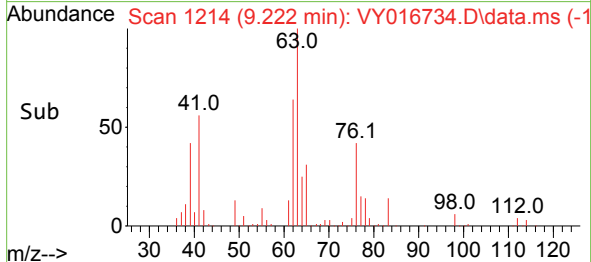
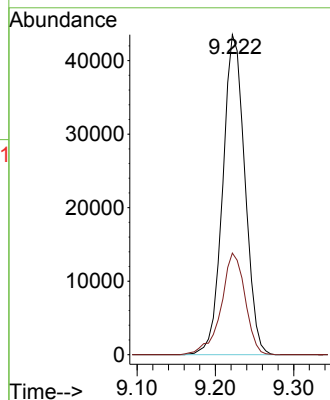
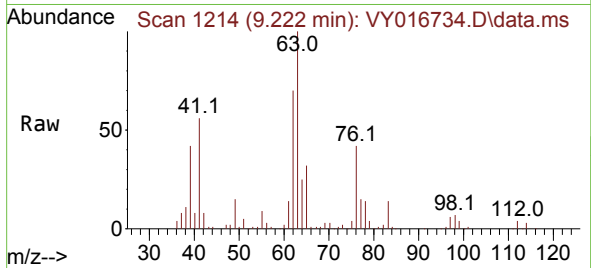




#45
1,2-Dichloropropane
Concen: 45.226 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

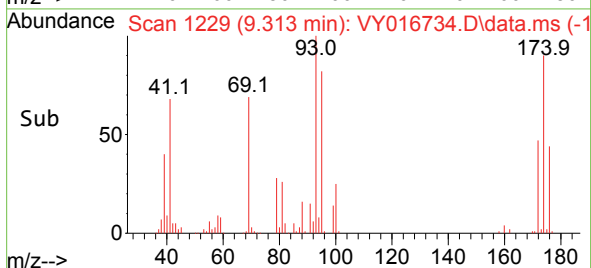
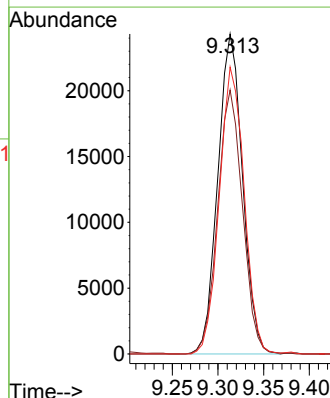
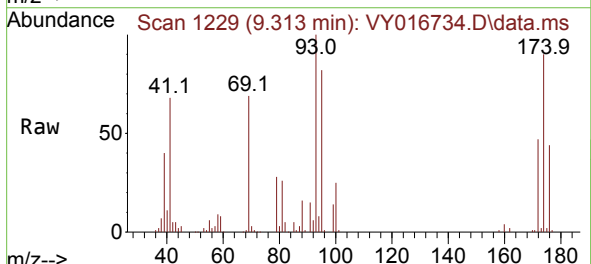
Instrument :
MSVOA_Y
ClientSampleId :

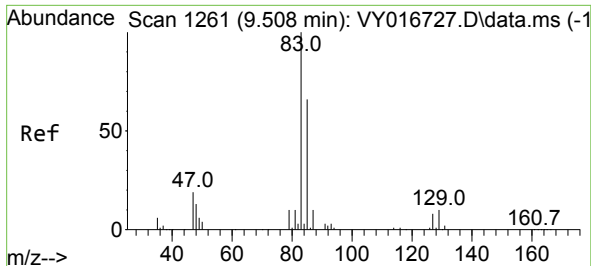
Tgt Ion: 63 Resp: 85529
Ion Ratio Lower Upper
63 100
65 31.7 24.6 36.8



#46
Dibromomethane
Concen: 46.913 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 93 Resp: 45833
Ion Ratio Lower Upper
93 100
95 82.7 66.6 99.8
174 90.0 73.8 110.6

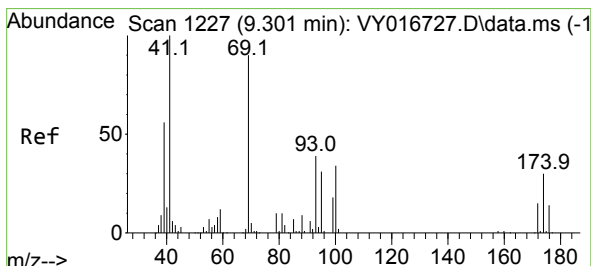
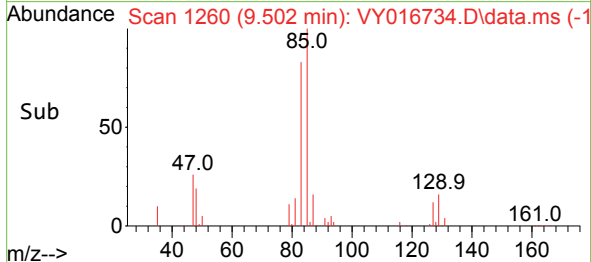
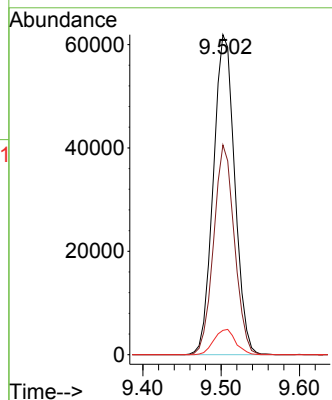
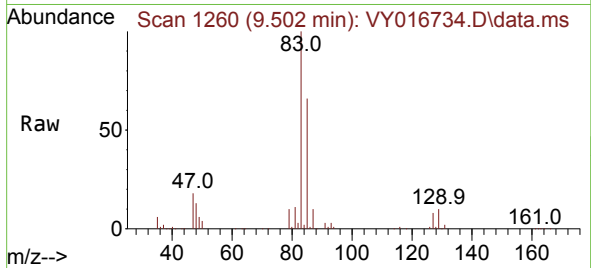




#47
Bromodichloromethane
Concen: 45.627 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

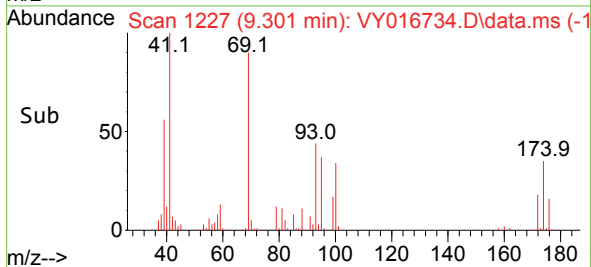
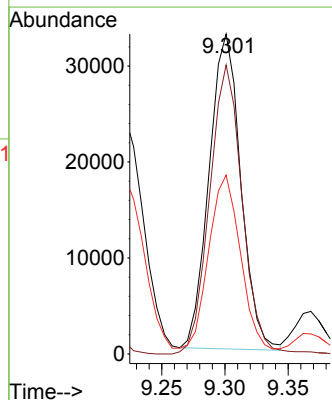
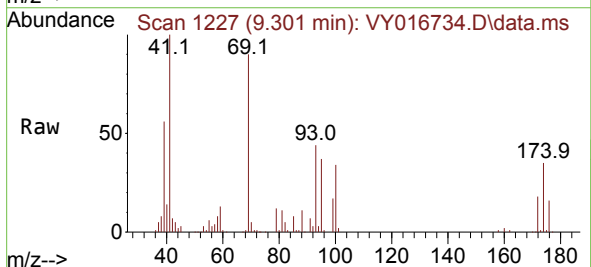
Instrument :
MSVOA_Y
ClientSampleId :

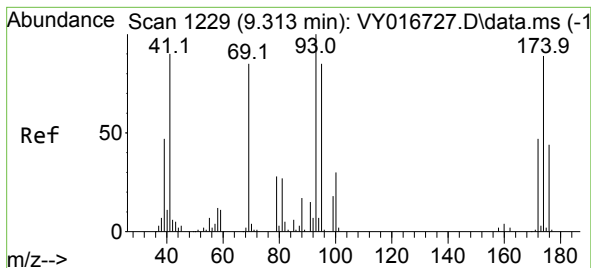
Tgt Ion: 83 Resp: 117490
Ion Ratio Lower Upper
83 100
85 65.5 53.2 79.8
127 7.6 6.4 9.6



#48
Methyl methacrylate
Concen: 47.768 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 41 Resp: 57257
Ion Ratio Lower Upper
41 100
69 94.1 72.1 108.1
39 58.2 42.8 64.2





#49

1,4-Dioxane

Concen: 980.870 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

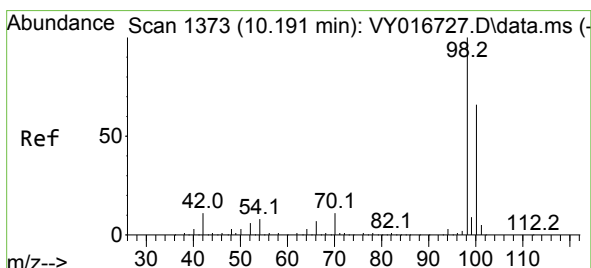
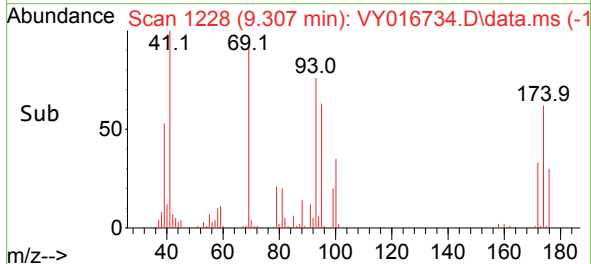
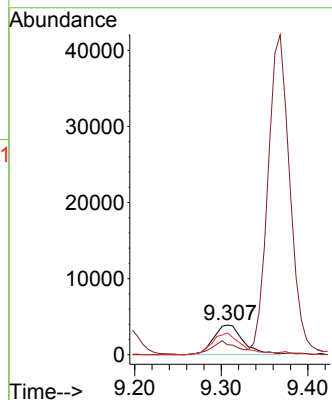
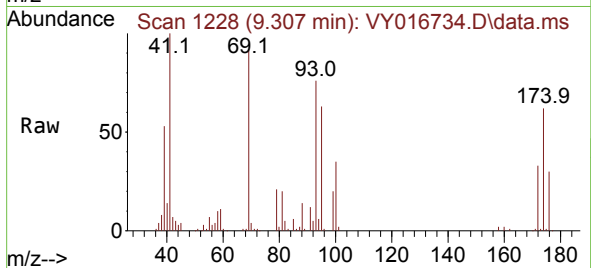
Tgt Ion: 88 Resp: 9301

Ion Ratio Lower Upper

88 100

43 39.2 28.2 42.4

58 72.3 52.2 78.2



#50

Toluene-d8

Concen: 48.984 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016734.D

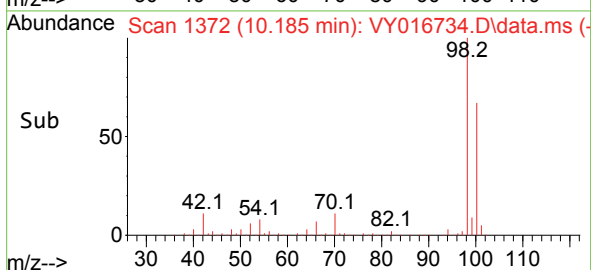
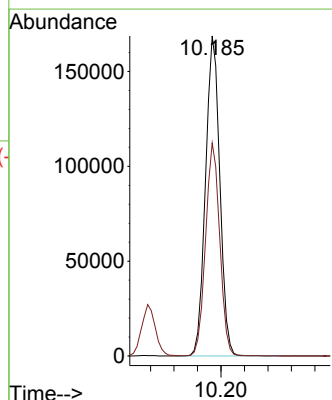
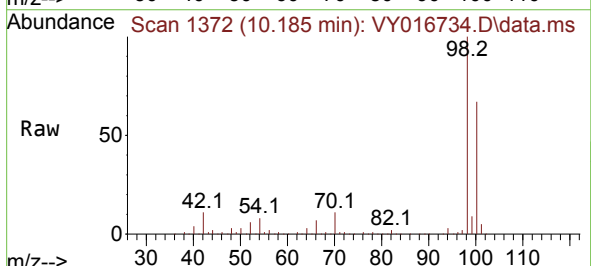
Acq: 20 Dec 2023 19:40

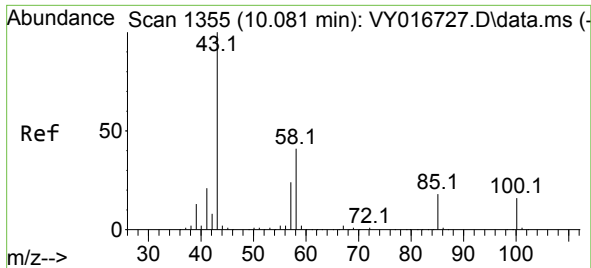
Tgt Ion: 98 Resp: 285358

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

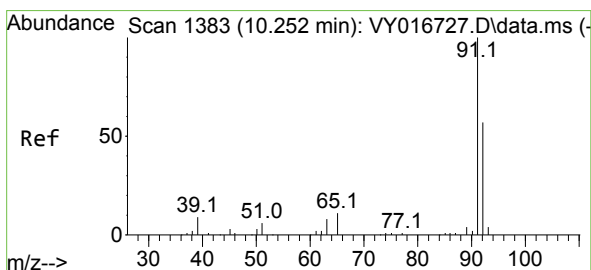
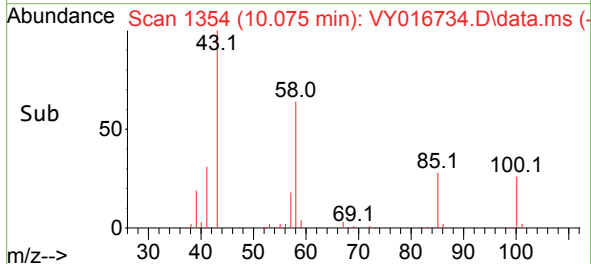
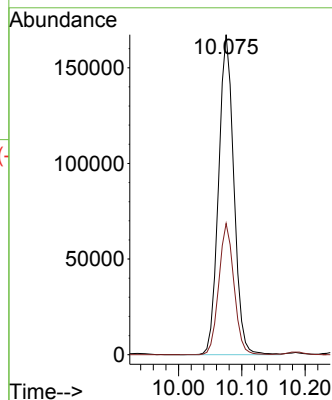
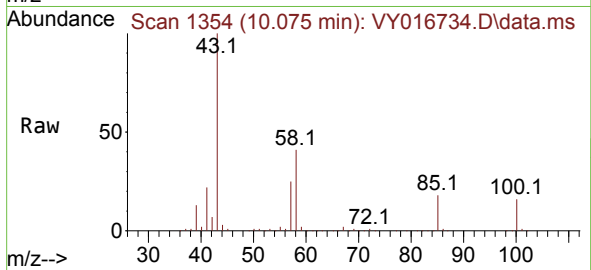




#51
4-Methyl-2-Pentanone
Concen: 243.022 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

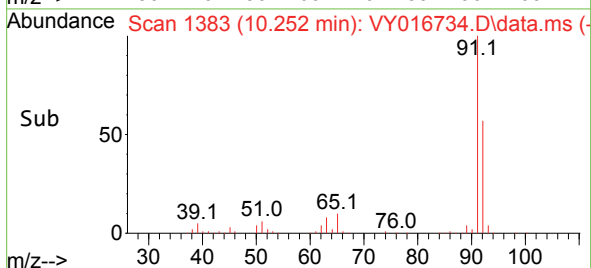
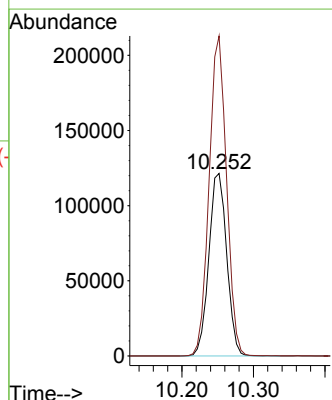
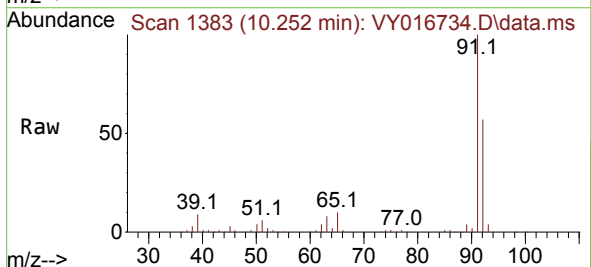
Instrument :
MSVOA_Y
ClientSampleId :

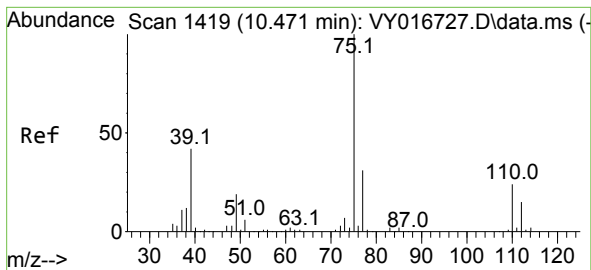
Tgt Ion: 43 Resp: 279262
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.2



#52
Toluene
Concen: 46.637 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 92 Resp: 210701
Ion Ratio Lower Upper
92 100
91 170.9 137.6 206.4

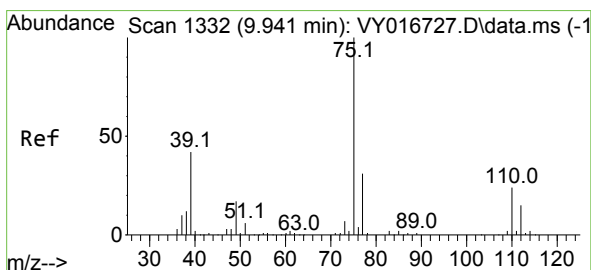
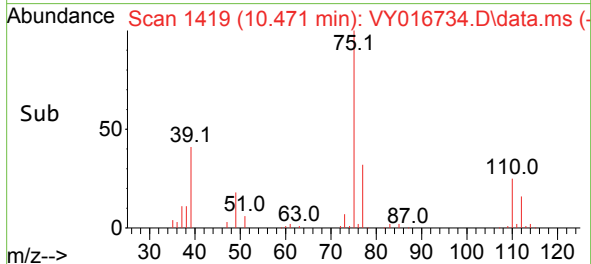
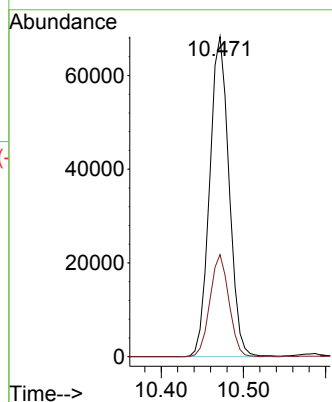
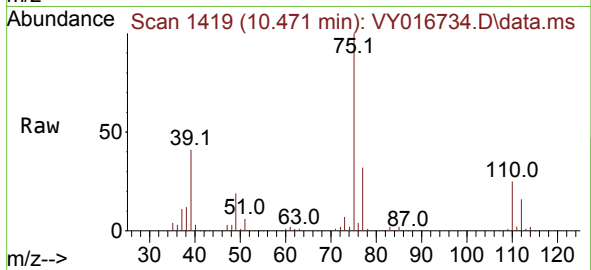




#53
t-1,3-Dichloropropene
Concen: 47.737 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

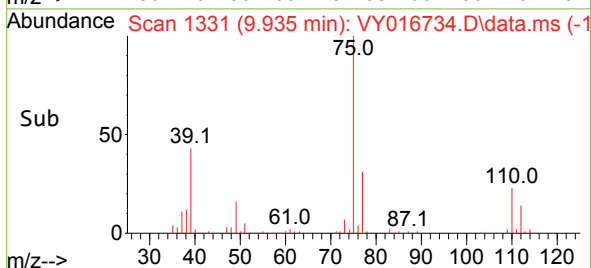
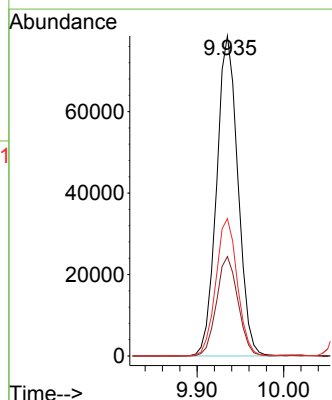
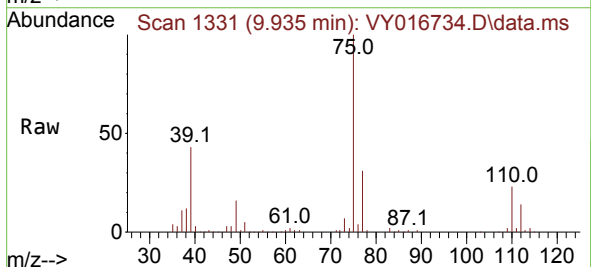
Instrument :
MSVOA_Y
ClientSampleId :

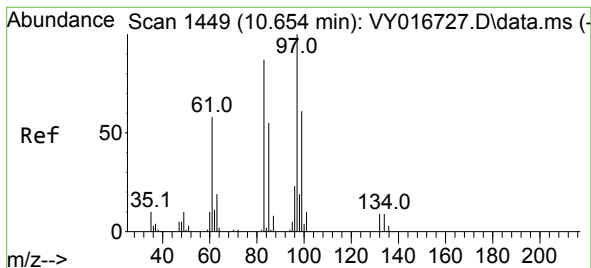
Tgt Ion: 75 Resp: 112086
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 47.413 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 75 Resp: 134280
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8
39 42.8 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 46.964 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 65463

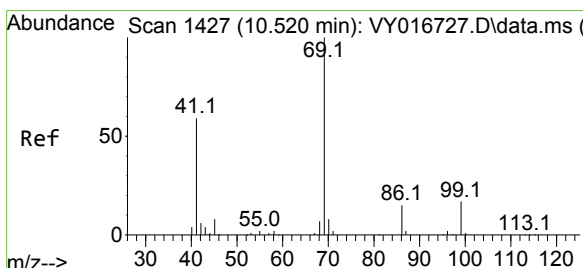
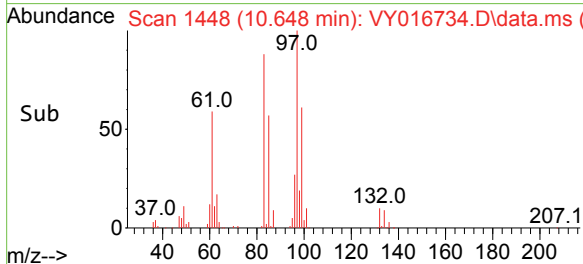
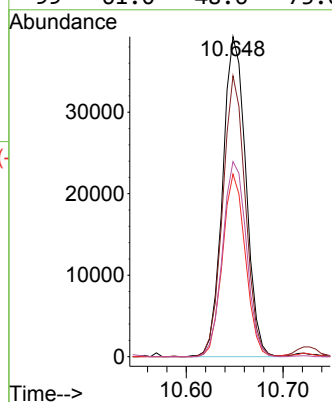
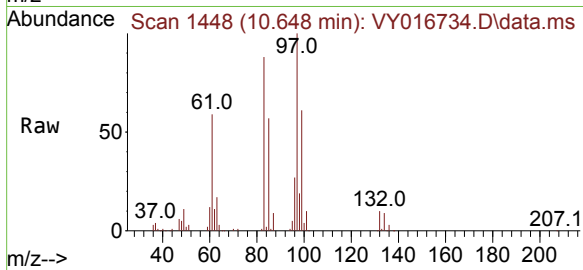
Ion Ratio Lower Upper

97 100

83 87.8 69.4 104.2

85 57.0 43.9 65.9

99 61.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 50.010 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

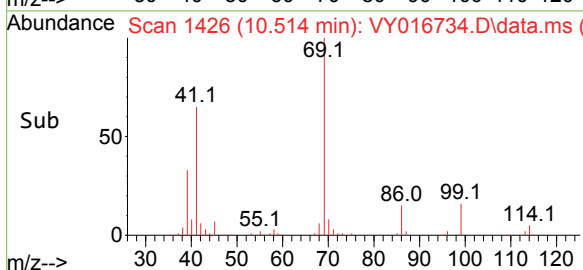
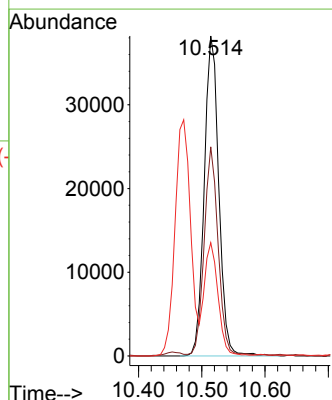
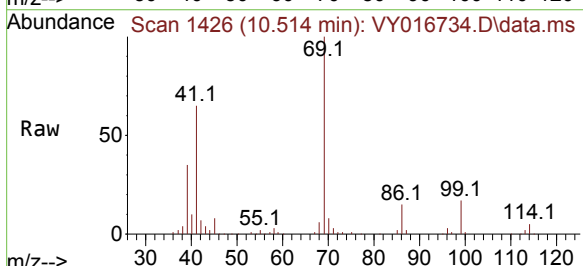
Tgt Ion: 69 Resp: 61298

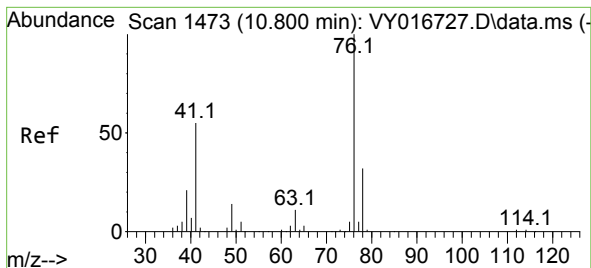
Ion Ratio Lower Upper

69 100

41 62.0 49.2 73.8

39 32.7 26.8 40.2





#57

1,3-Dichloropropane

Concen: 46.907 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.005 min

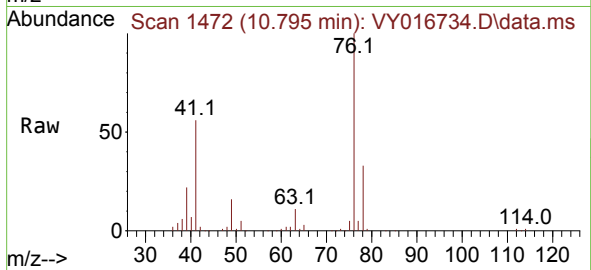
Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

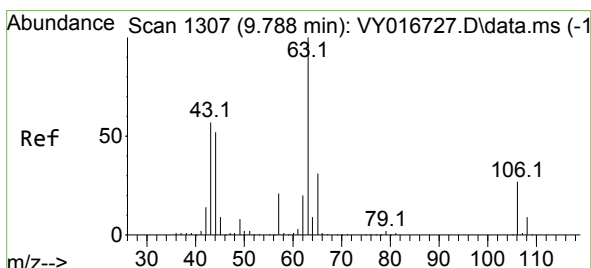
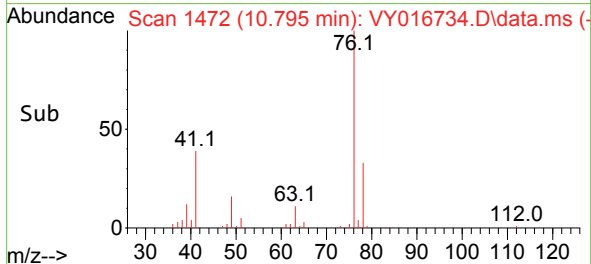
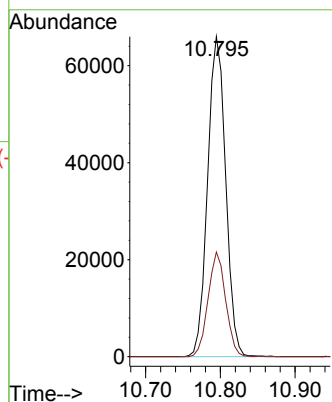


Tgt Ion: 76 Resp: 111056

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 294.014 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.001 min

Lab File: VY016734.D

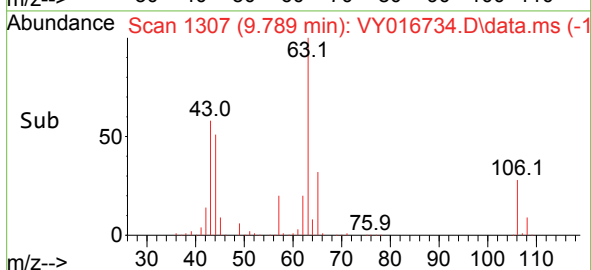
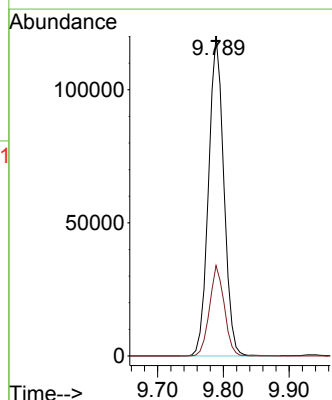
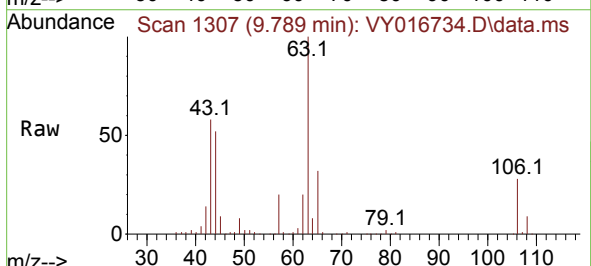
Acq: 20 Dec 2023 19:40

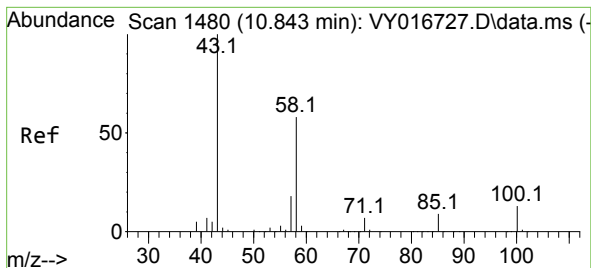
Tgt Ion: 63 Resp: 193866

Ion Ratio Lower Upper

63 100

106 27.2 22.4 33.6

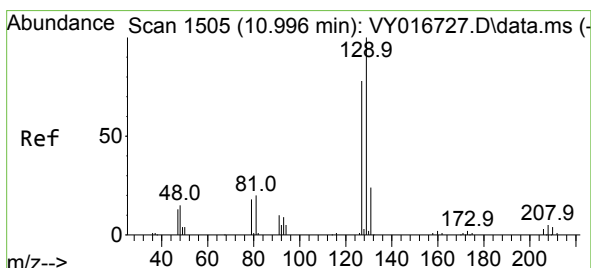
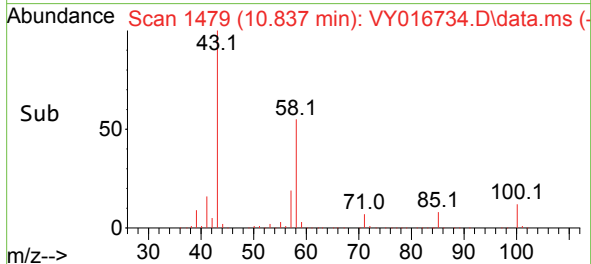
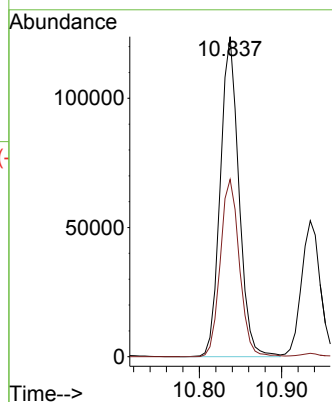
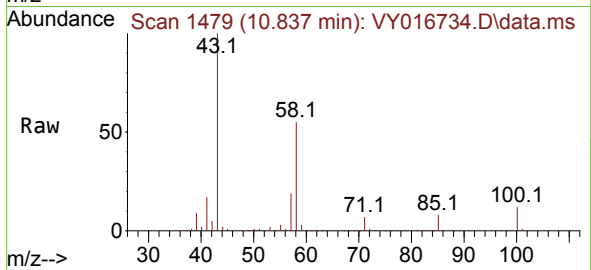




#59
2-Hexanone
Concen: 226.788 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

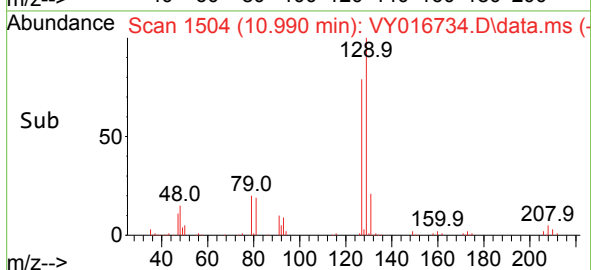
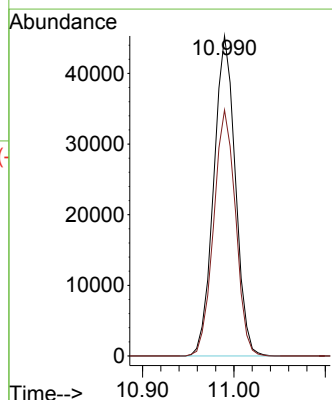
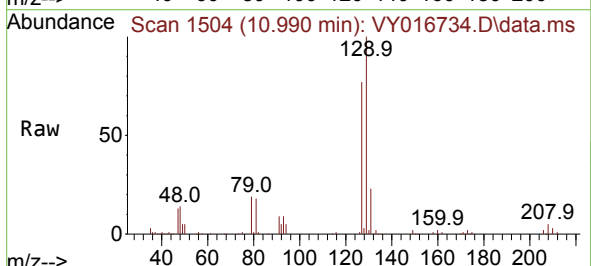
Instrument :
MSVOA_Y
ClientSampleId :

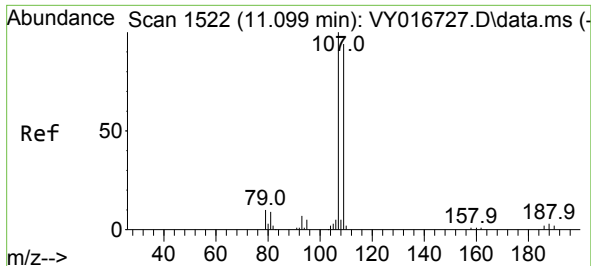
Tgt Ion: 43 Resp: 194324
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3



#60
Dibromochloromethane
Concen: 46.190 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion:129 Resp: 74480
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

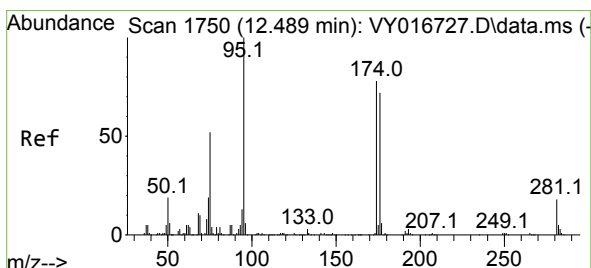
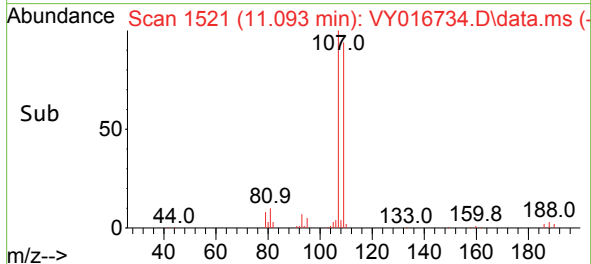
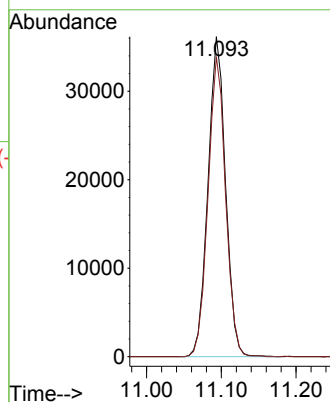
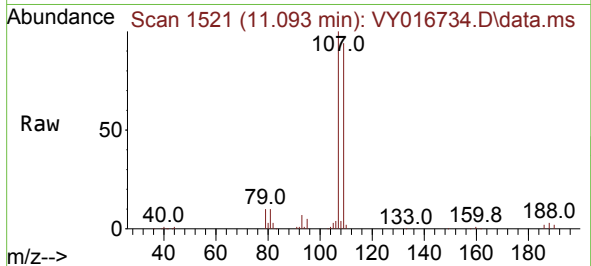




#61
1,2-Dibromoethane
Concen: 47.189 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

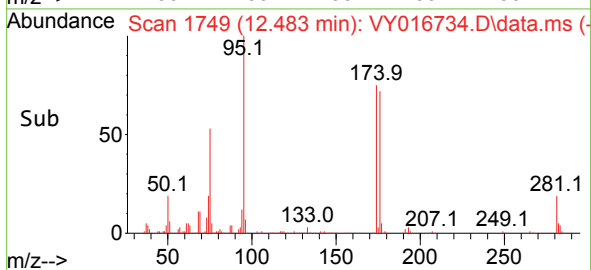
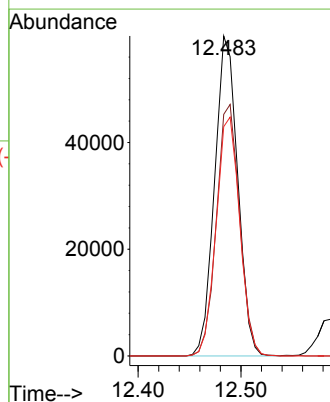
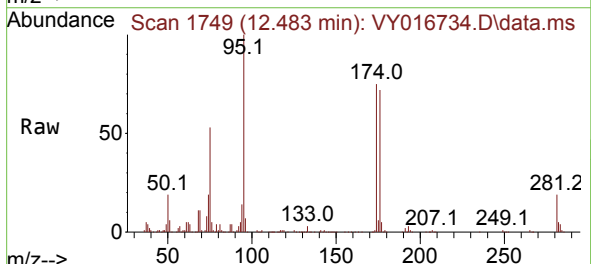
Instrument :
MSVOA_Y
ClientSampleId :

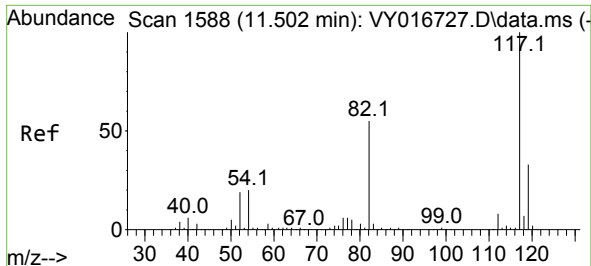
Tgt Ion:107 Resp: 58989
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.419 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

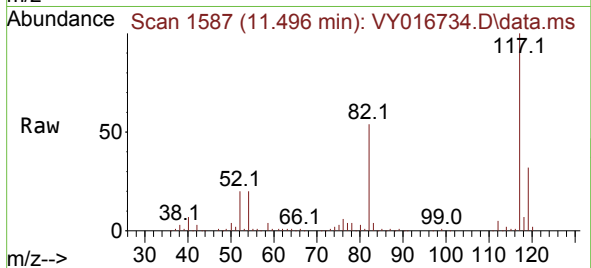
Tgt Ion: 95 Resp: 93400
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 76.3 0.0 151.8



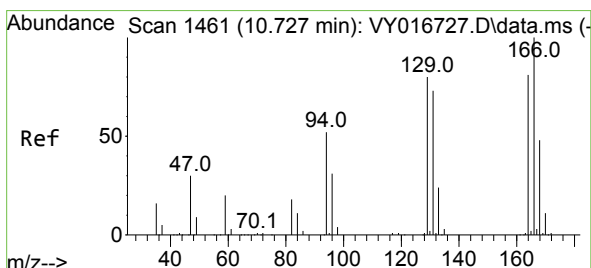
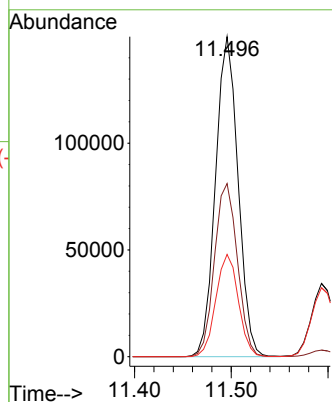
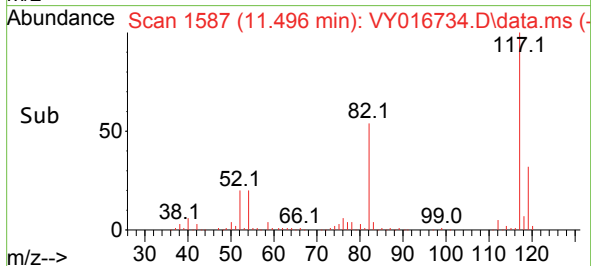


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

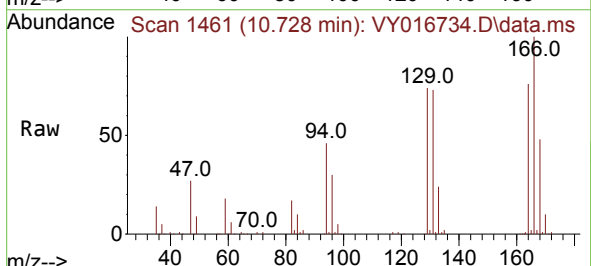
Instrument :
MSVOA_Y
ClientSampleId :



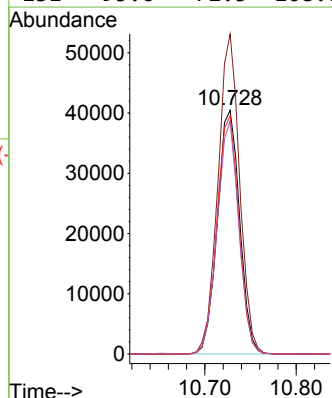
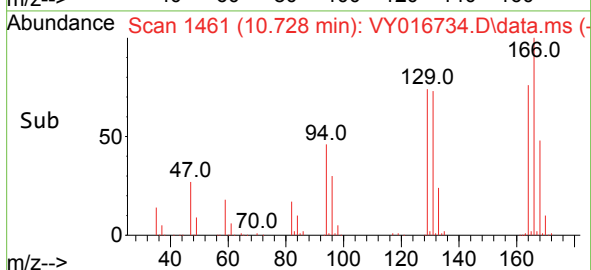
Tgt Ion:117 Resp: 242571
Ion Ratio Lower Upper
117 100
82 54.1 43.8 65.8
119 32.0 26.5 39.7

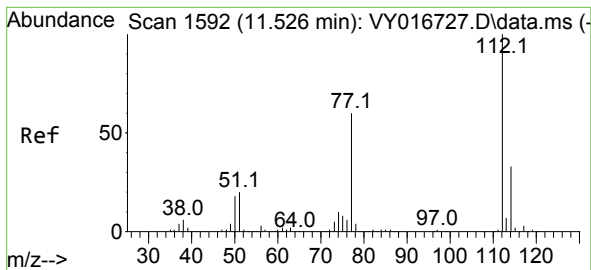


#64
Tetrachloroethene
Concen: 45.326 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40



Tgt Ion:164 Resp: 68299
Ion Ratio Lower Upper
164 100
166 131.3 98.8 148.2
129 97.6 78.9 118.3
131 95.6 72.5 108.7

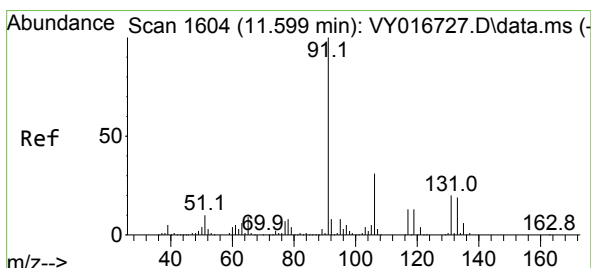
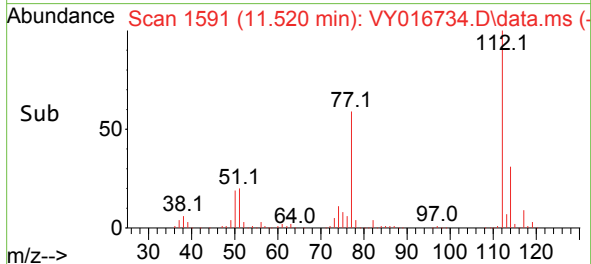
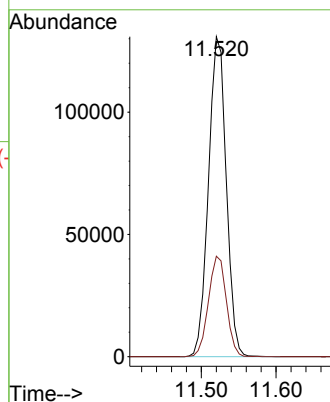
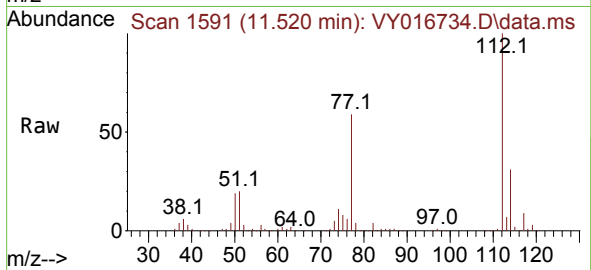




#65
Chlorobenzene
Concen: 45.367 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

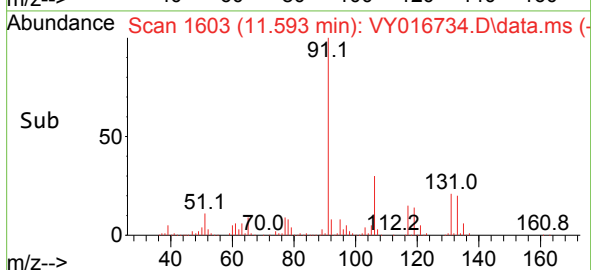
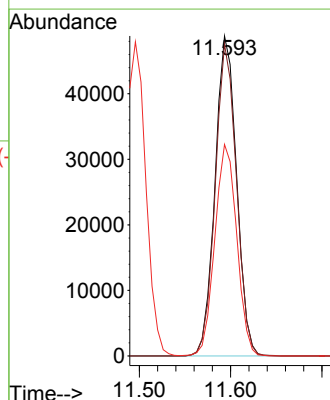
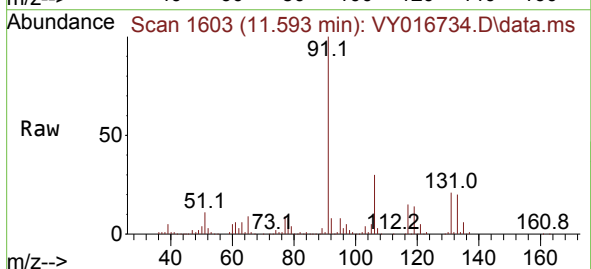
Instrument :
MSVOA_Y
ClientSampleId :

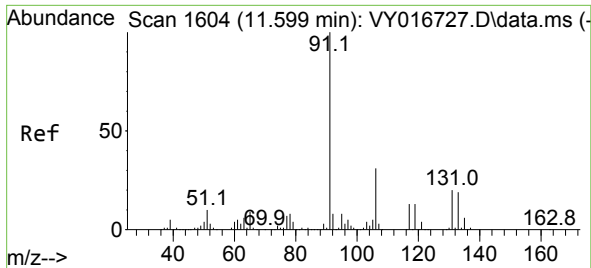
Tgt Ion:112 Resp: 216215
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 44.594 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion:131 Resp: 79964
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.0
119 67.4 33.3 99.9

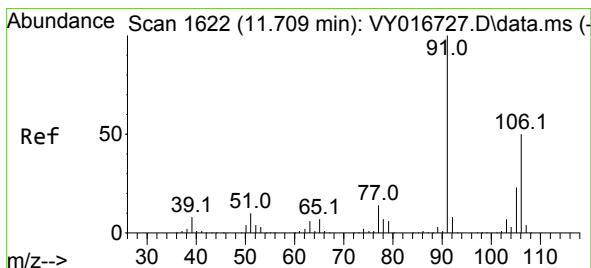
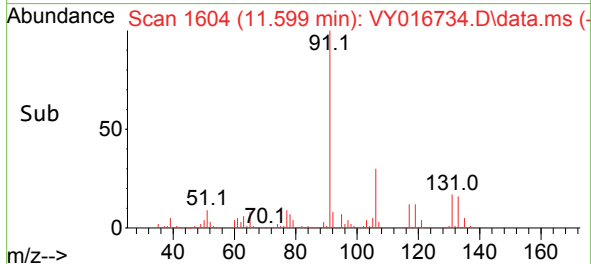
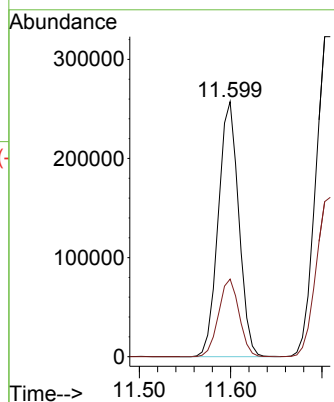
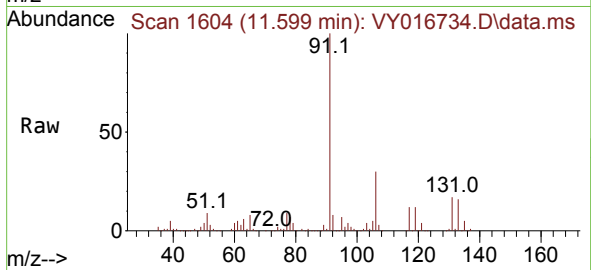




#67
Ethyl Benzene
Concen: 45.651 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

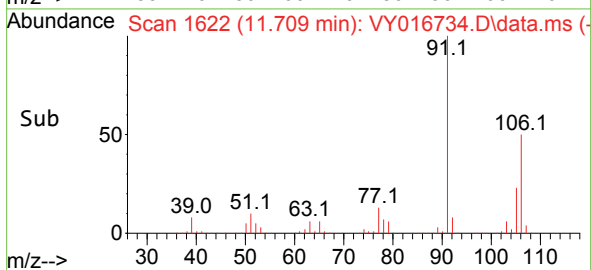
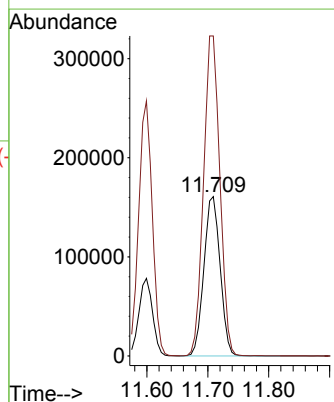
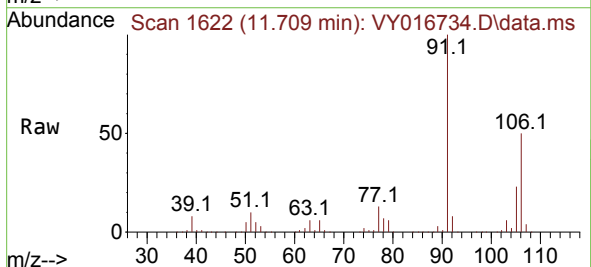
Instrument :
MSVOA_Y
ClientSampleId :

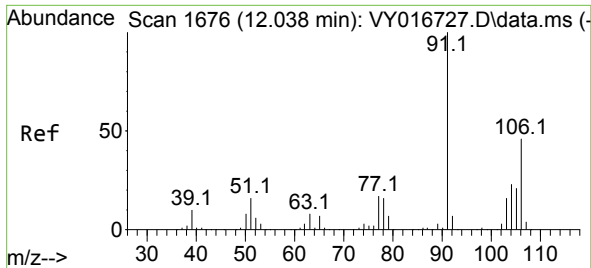
Tgt Ion: 91 Resp: 400454
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.4



#68
m/p-Xylenes
Concen: 92.032 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 106 Resp: 298115
Ion Ratio Lower Upper
106 100
91 201.3 160.7 241.1

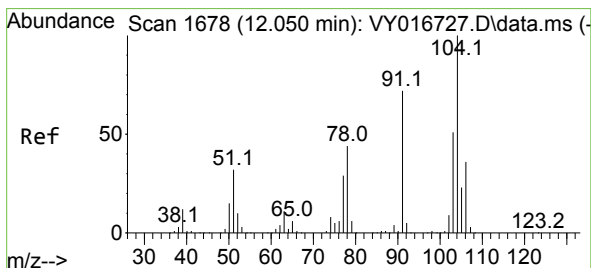
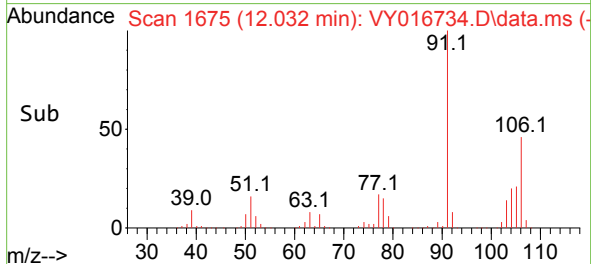
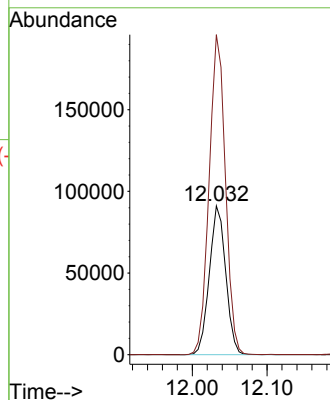
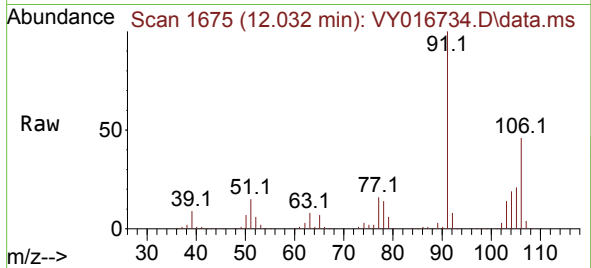




#69
o-Xylene
Concen: 46.709 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

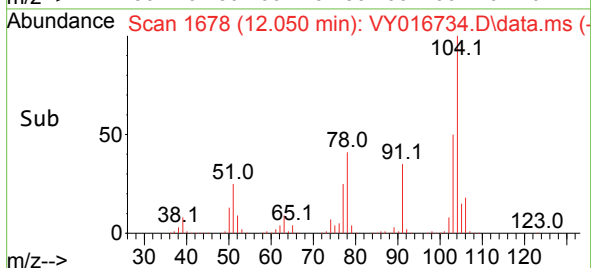
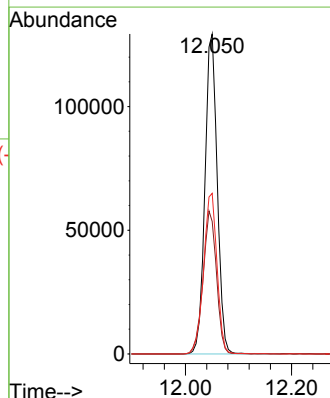
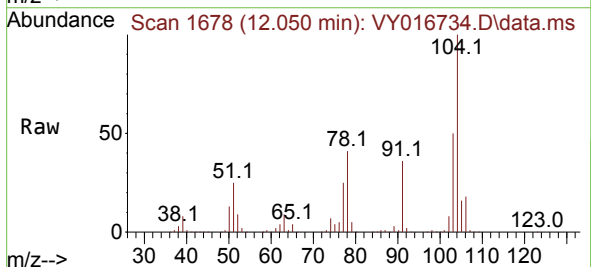
Instrument :
MSVOA_Y
ClientSampleId :

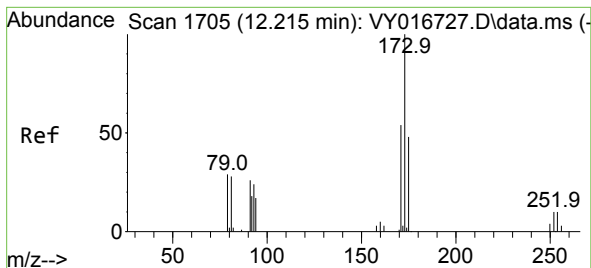
Tgt Ion:106 Resp: 138807
Ion Ratio Lower Upper
106 100
91 214.2 106.5 319.5



#70
Styrene
Concen: 47.276 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion:104 Resp: 207890
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 55.0 43.8 65.6





#71

Bromoform

Concen: 46.471 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

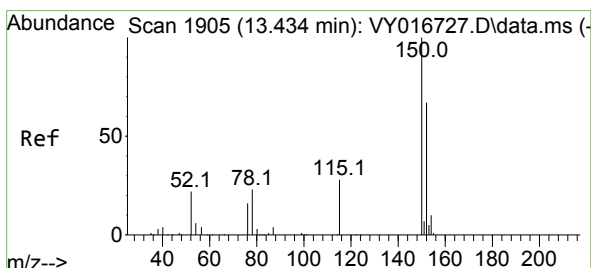
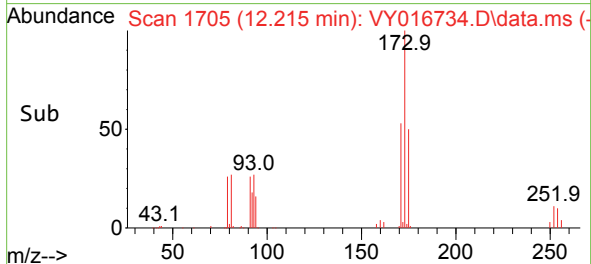
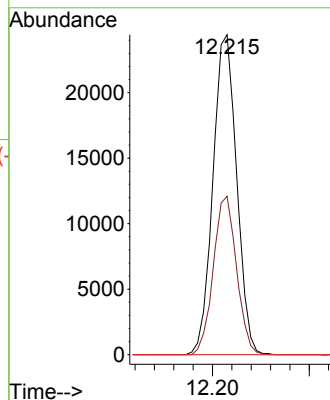
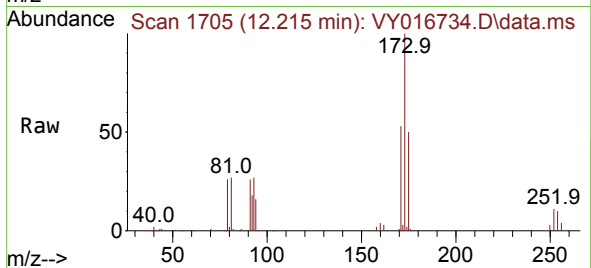
Tgt Ion:173 Resp: 41544

Ion Ratio Lower Upper

173 100

175 48.5 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

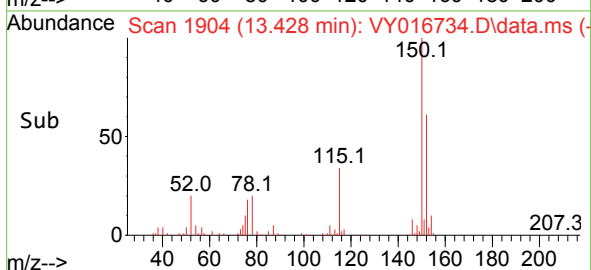
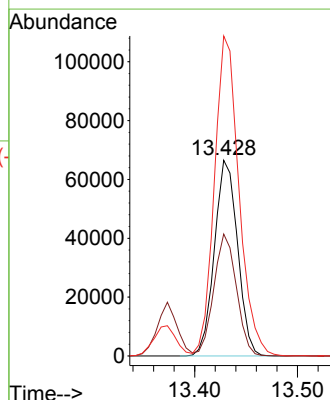
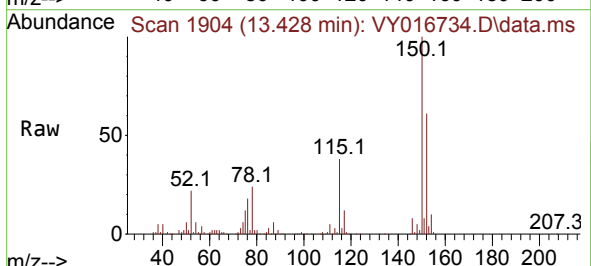
Tgt Ion:152 Resp: 103986

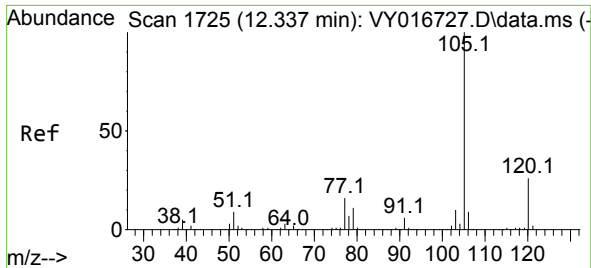
Ion Ratio Lower Upper

152 100

115 61.1 30.0 90.0

150 173.8 0.0 344.6

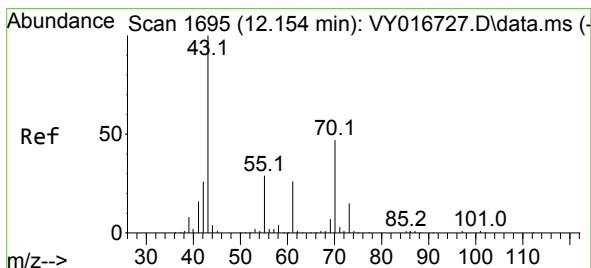
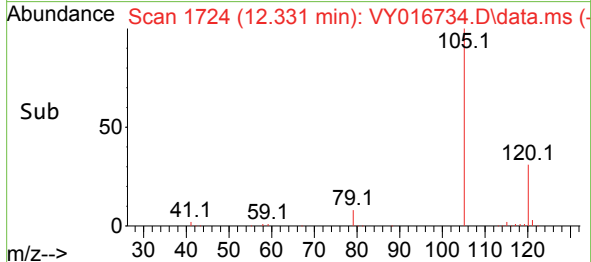
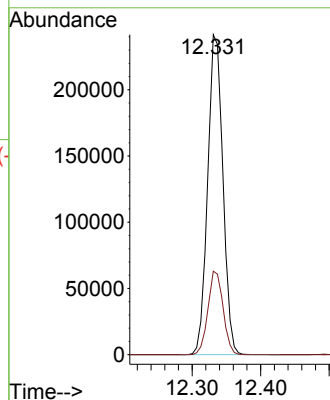
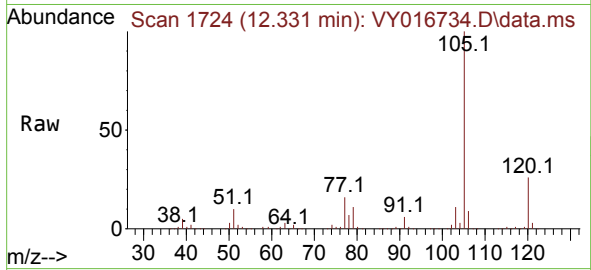




#73
Isopropylbenzene
Concen: 46.149 ug/l
RT: 12.331 min Scan# 1725
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

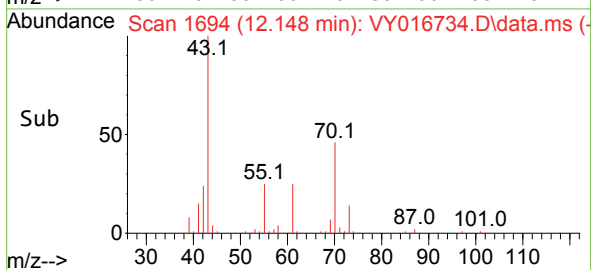
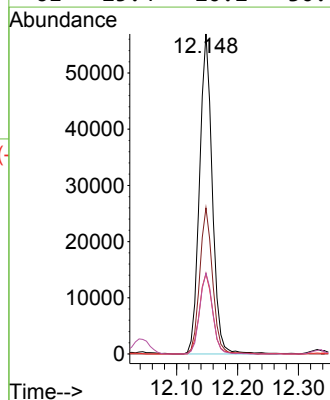
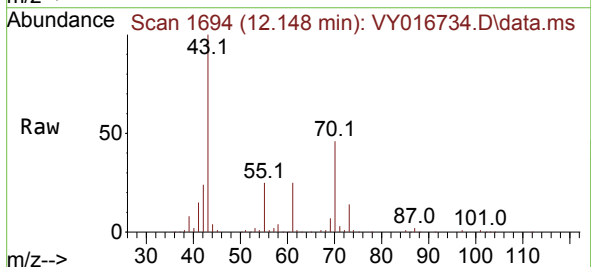
Instrument :
MSVOA_Y
ClientSampleId :

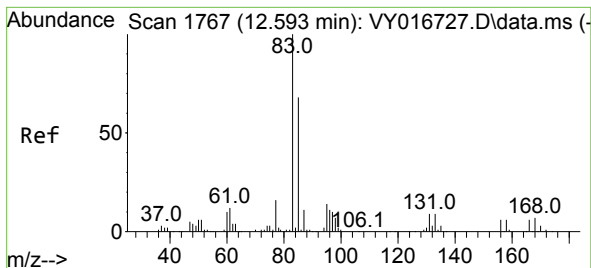
Tgt Ion:105 Resp: 373741
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0



#74
N-ethyl acetate
Concen: 48.894 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 43 Resp: 83101
Ion Ratio Lower Upper
43 100
70 45.7 36.6 55.0
55 26.1 22.2 33.4
61 25.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.158 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

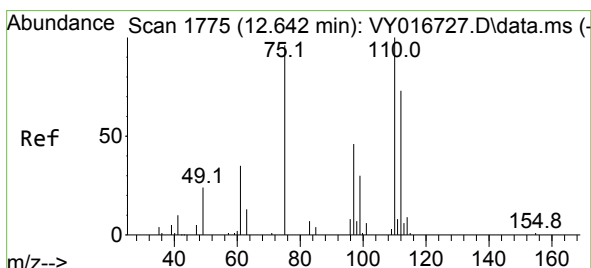
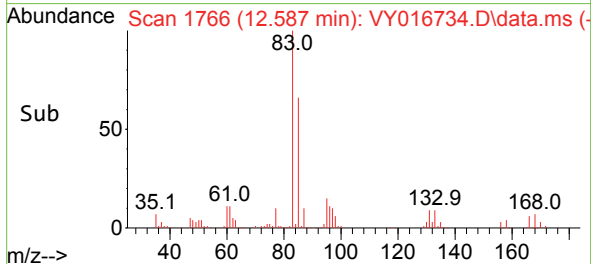
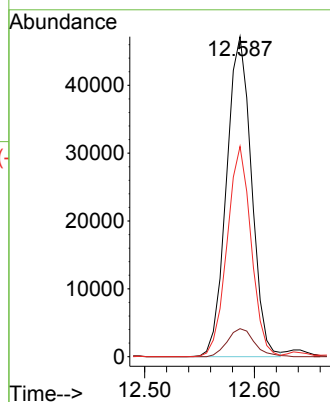
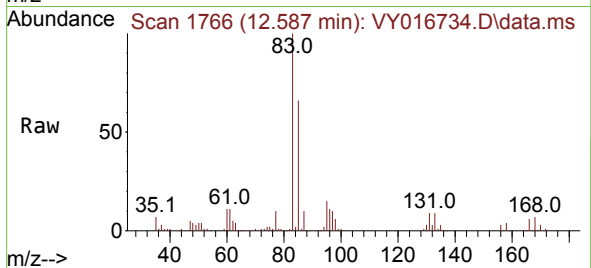
Tgt Ion: 83 Resp: 74700

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 63.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 78.613 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016734.D

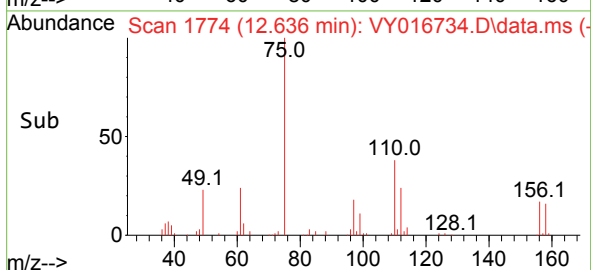
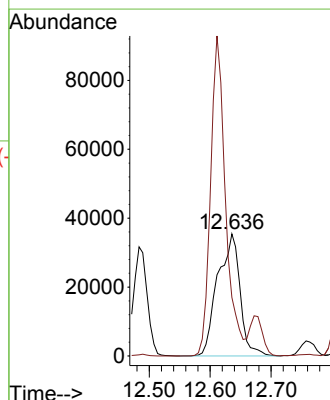
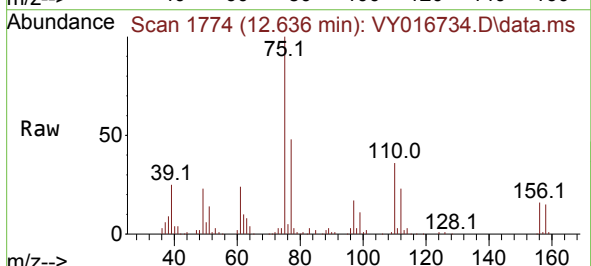
Acq: 20 Dec 2023 19:40

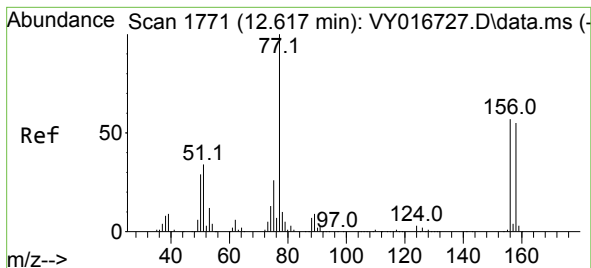
Tgt Ion: 75 Resp: 90367

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.257 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

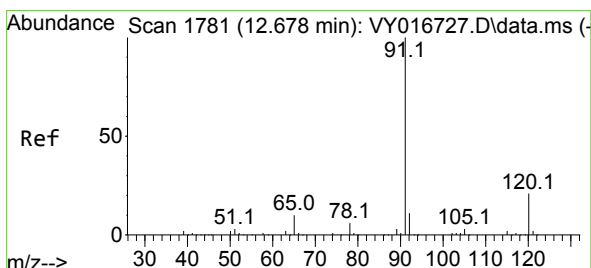
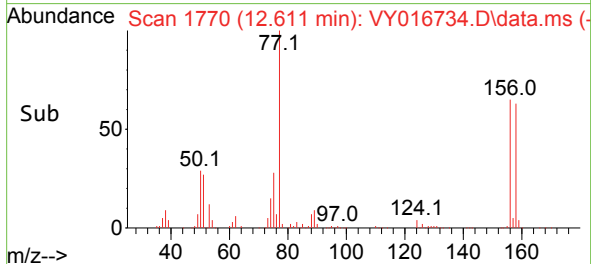
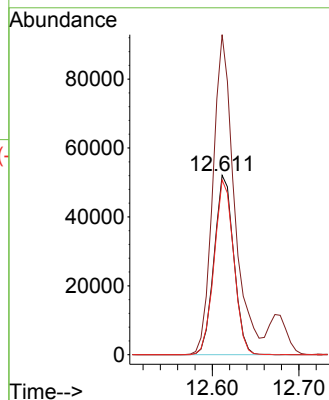
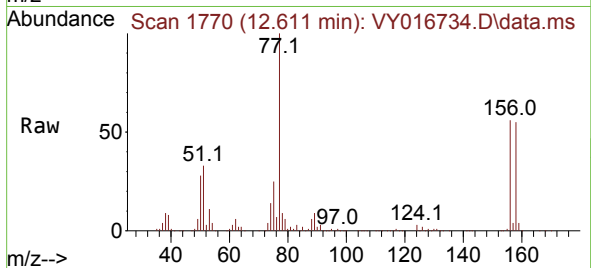
Tgt Ion:156 Resp: 81726

Ion Ratio Lower Upper

156 100

77 193.8 97.3 291.8

158 97.2 48.4 145.0



#78

n-propylbenzene

Concen: 46.105 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016734.D

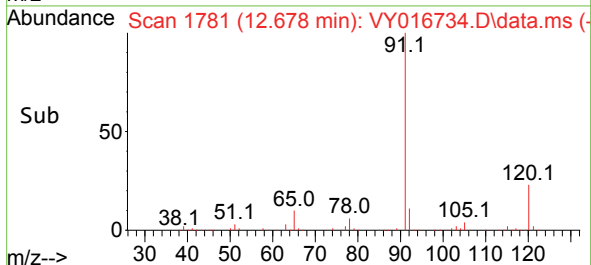
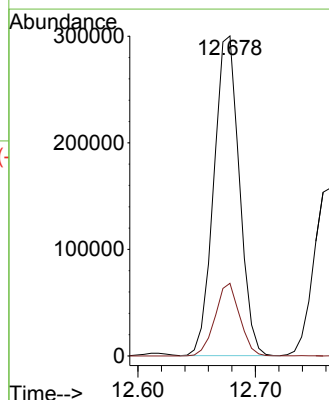
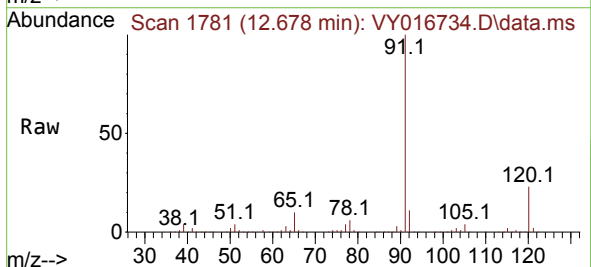
Acq: 20 Dec 2023 19:40

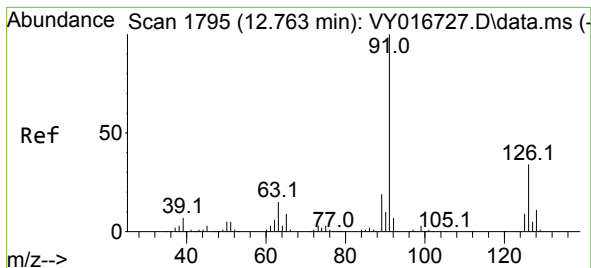
Tgt Ion: 91 Resp: 452392

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 46.076 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

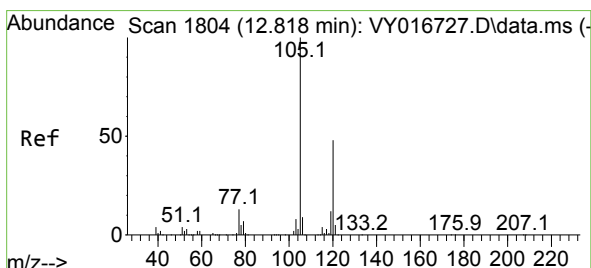
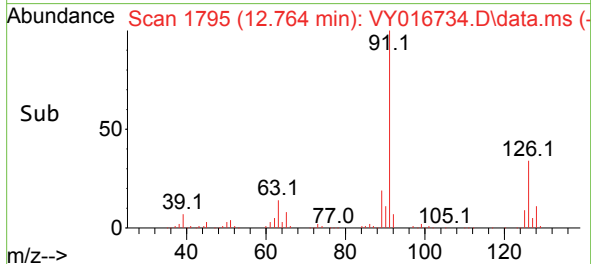
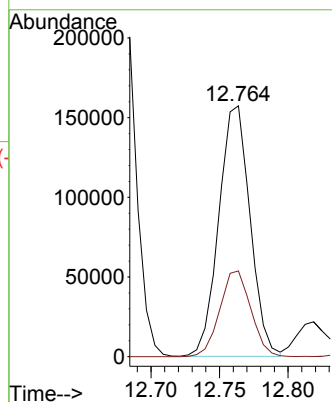
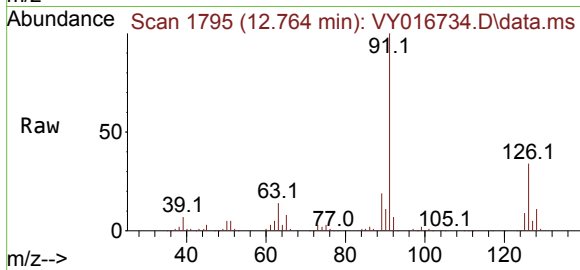
ClientSampleId :

Tgt Ion: 91 Resp: 250170

Ion Ratio Lower Upper

91 100

126 34.0 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 46.661 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016734.D

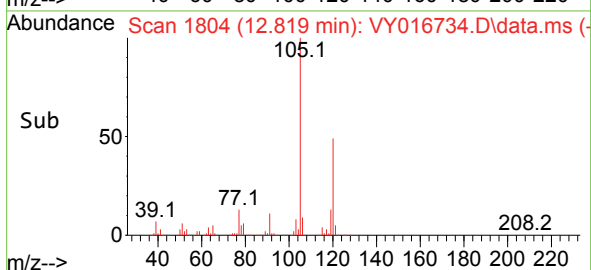
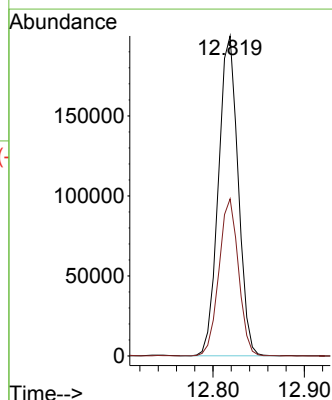
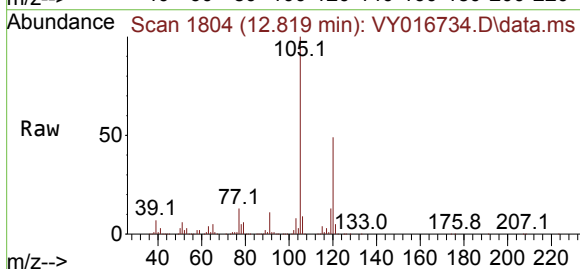
Acq: 20 Dec 2023 19:40

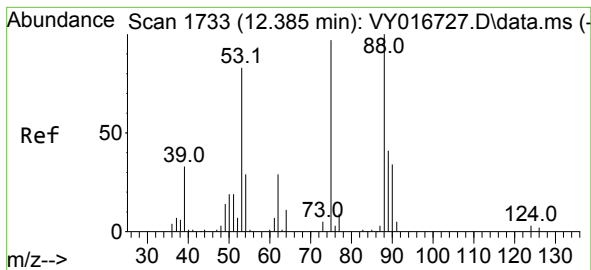
Tgt Ion:105 Resp: 299132

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

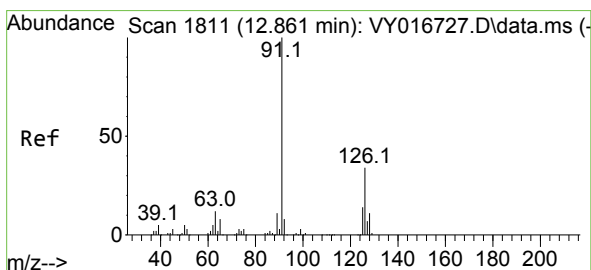
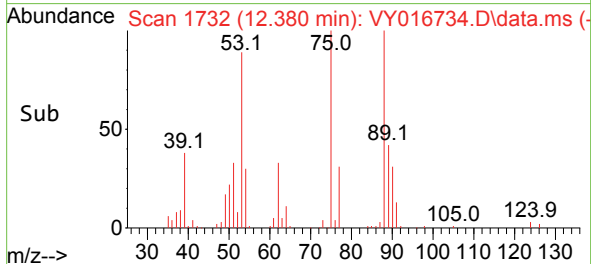
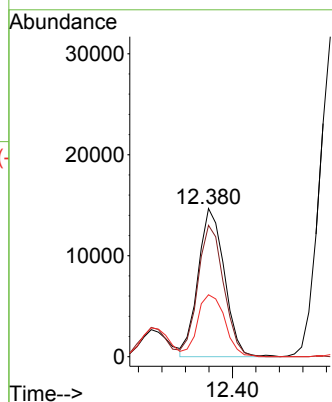
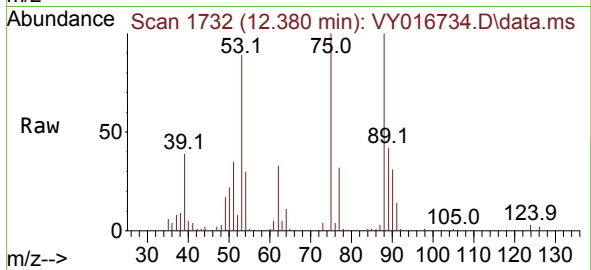




#81
trans-1,4-Dichloro-2-butene
Concen: 46.474 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

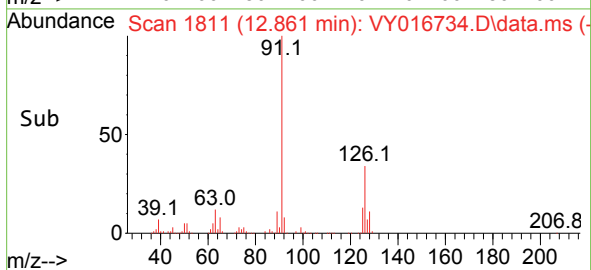
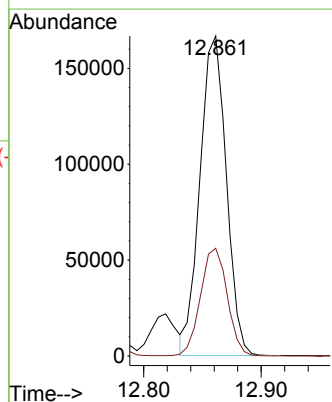
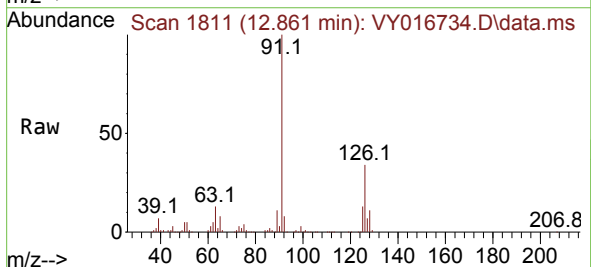
Instrument :
MSVOA_Y
ClientSampleId :

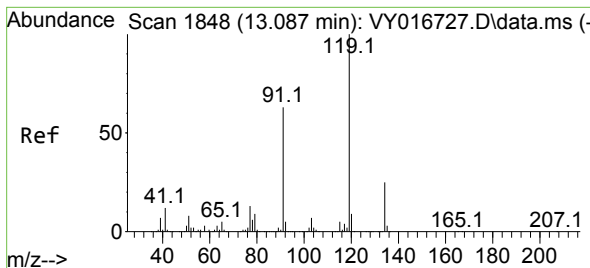
Tgt Ion: 75 Resp: 22748
Ion Ratio Lower Upper
75 100
53 87.7 74.0 111.0
89 43.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 46.609 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016734.D
Acq: 20 Dec 2023 19:40

Tgt Ion: 91 Resp: 259617
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 46.728 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

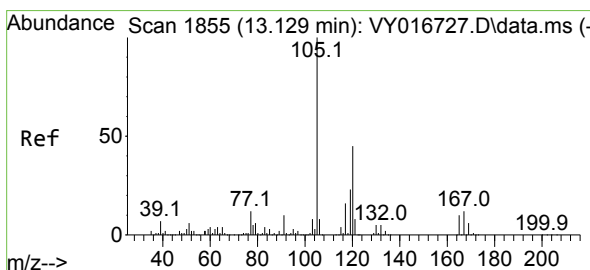
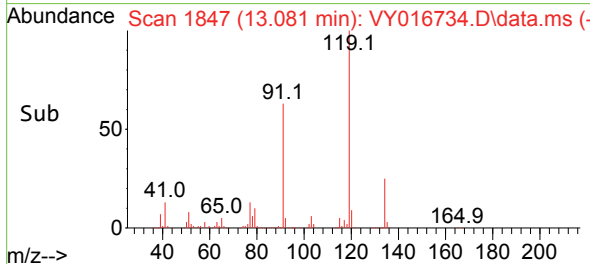
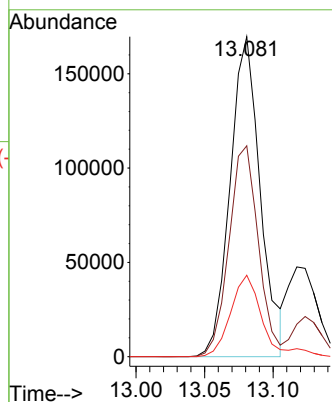
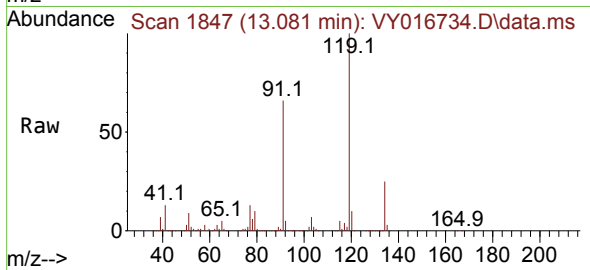
Tgt Ion:119 Resp: 260566

Ion Ratio Lower Upper

119 100

91 64.3 31.5 94.5

134 26.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 47.403 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016734.D

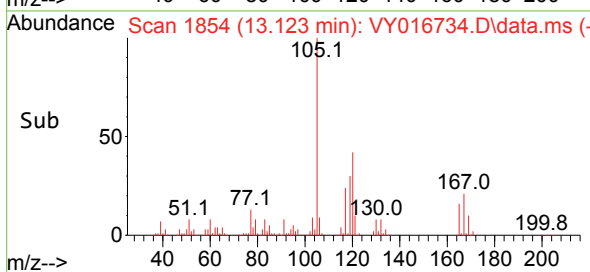
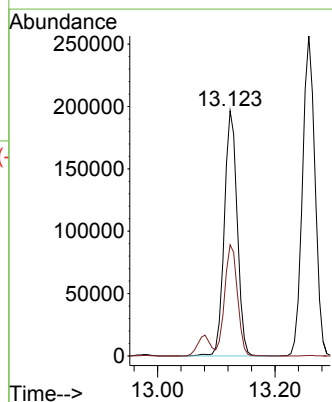
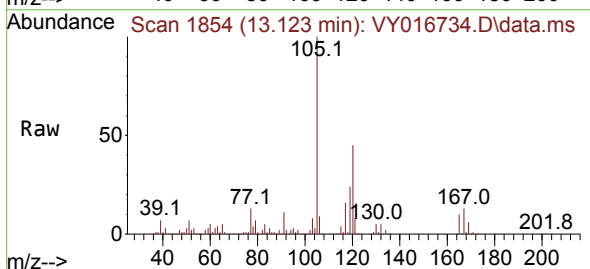
Acq: 20 Dec 2023 19:40

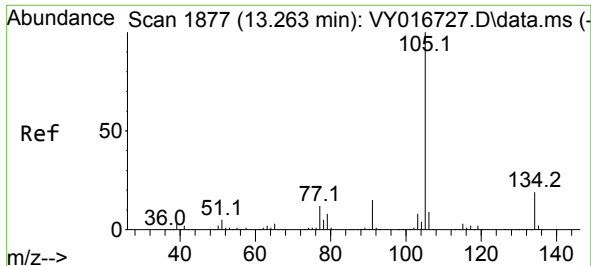
Tgt Ion:105 Resp: 299649

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3

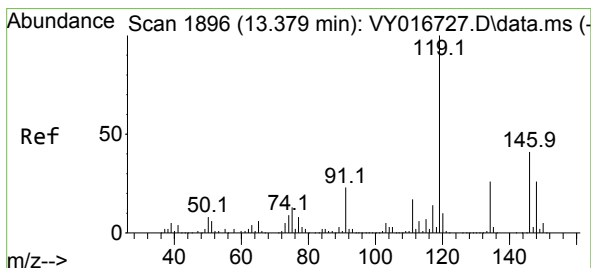
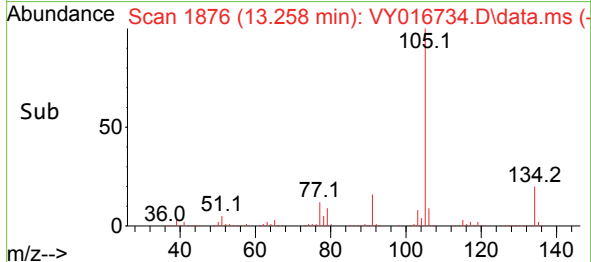
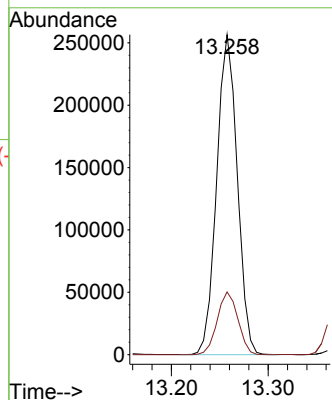
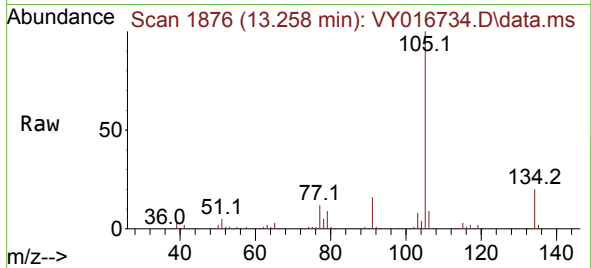




#85
 sec-Butylbenzene
 Concen: 45.879 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016734.D
 Acq: 20 Dec 2023 19:40

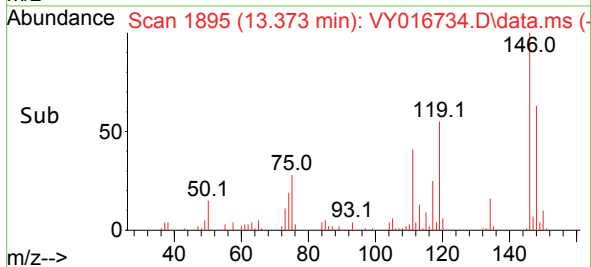
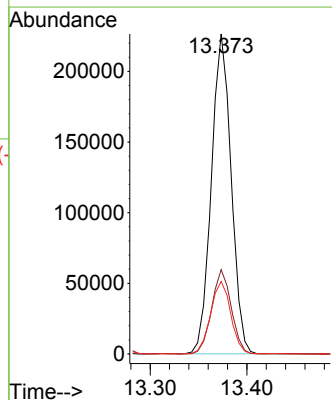
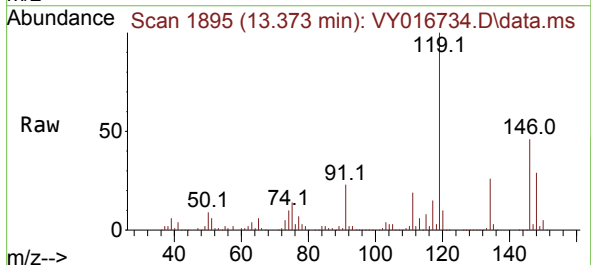
Instrument :
 MSVOA_Y
 ClientSampleId :

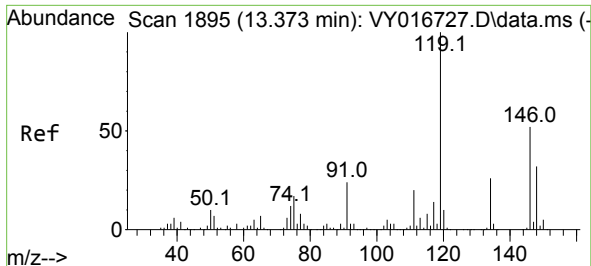
Tgt Ion:105 Resp: 378928
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 46.836 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016734.D
 Acq: 20 Dec 2023 19:40

Tgt Ion:119 Resp: 322153
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 23.2 11.7 35.0

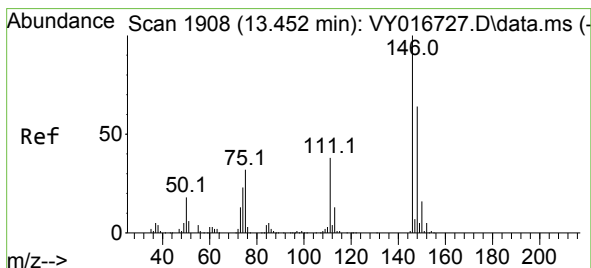
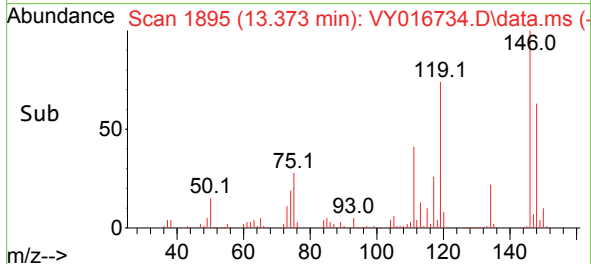
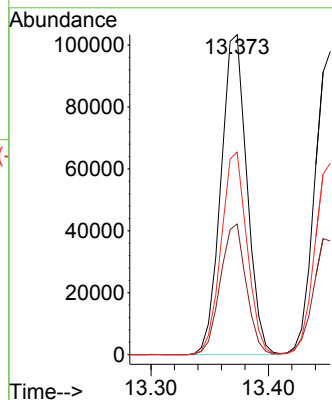
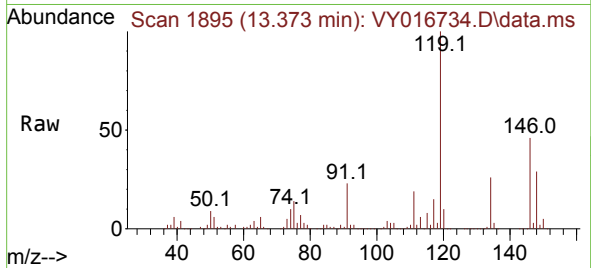




#87
 1,3-Dichlorobenzene
 Concen: 46.096 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY016734.D
 Acq: 20 Dec 2023 19:40

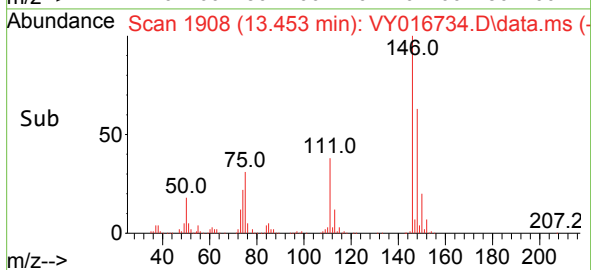
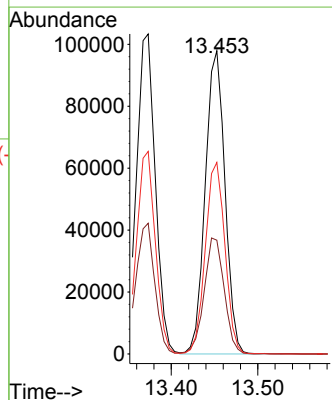
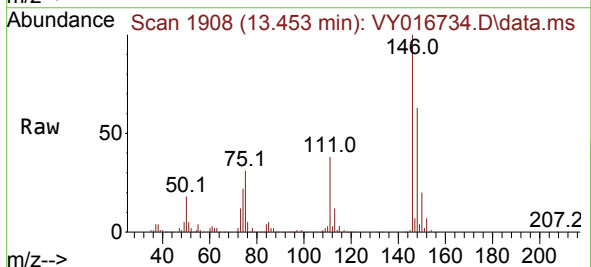
Instrument :
 MSVOA_Y
 ClientSampleId :

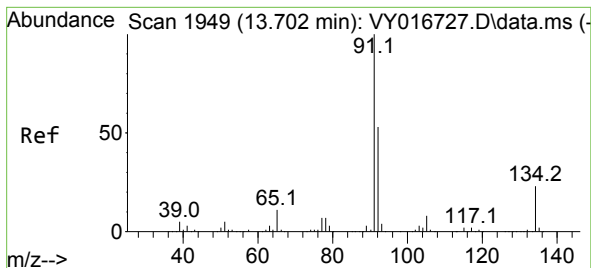
Tgt Ion:146 Resp: 159159
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.2 60.5
 148 63.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 45.858 ug/l
 RT: 13.453 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY016734.D
 Acq: 20 Dec 2023 19:40

Tgt Ion:146 Resp: 154609
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.9
 148 63.1 31.6 94.7





#89

n-Butylbenzene

Concen: 47.524 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

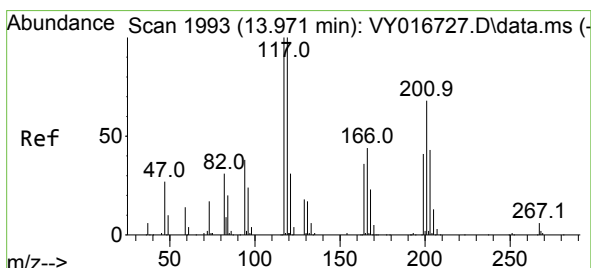
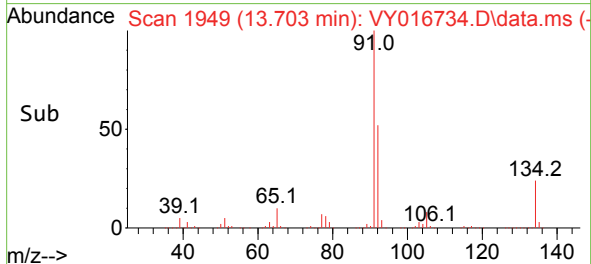
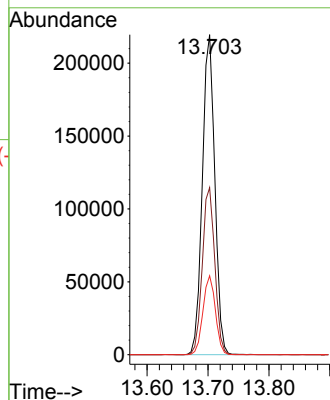
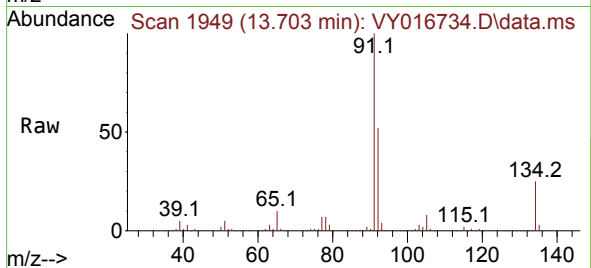
Tgt Ion: 91 Resp: 312480

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.2

134 24.6 12.3 36.8



#90

Hexachloroethane

Concen: 45.607 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016734.D

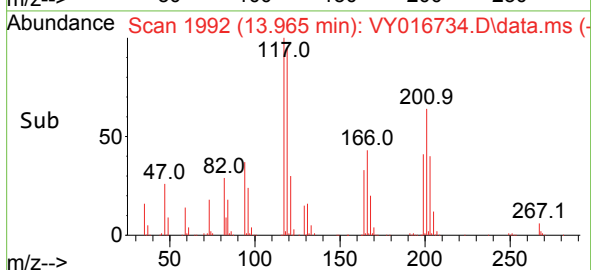
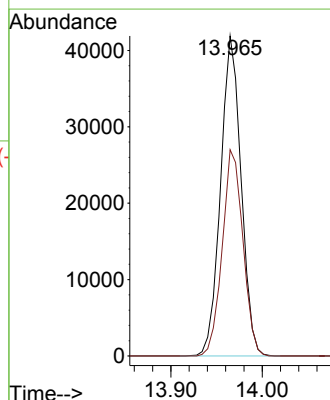
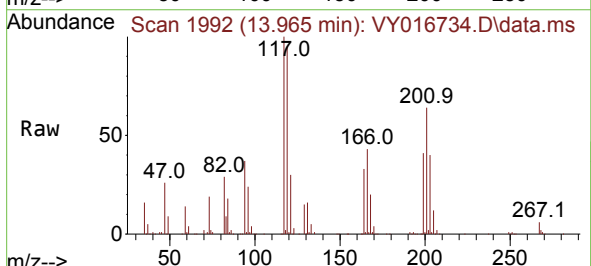
Acq: 20 Dec 2023 19:40

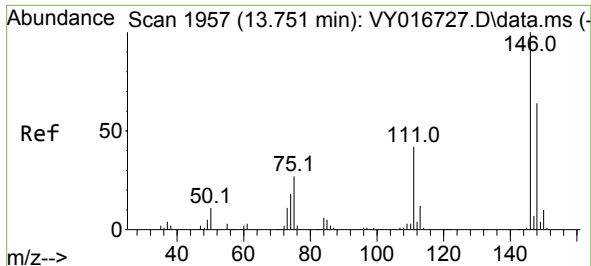
Tgt Ion: 117 Resp: 65322

Ion Ratio Lower Upper

117 100

201 65.0 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 46.272 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

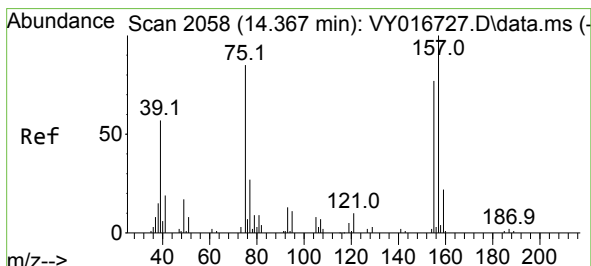
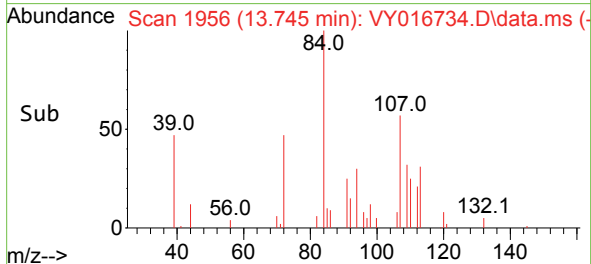
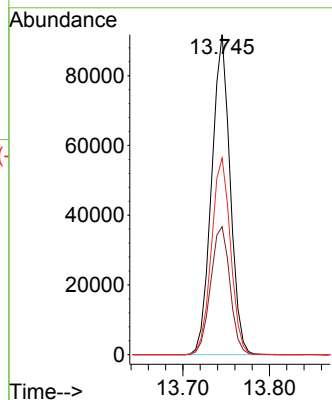
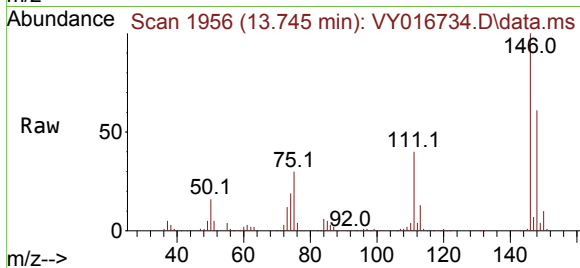
Tgt Ion:146 Resp: 136107

Ion Ratio Lower Upper

146 100

111 42.0 20.5 61.6

148 63.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.309 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

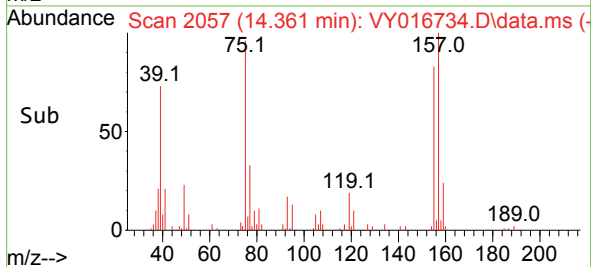
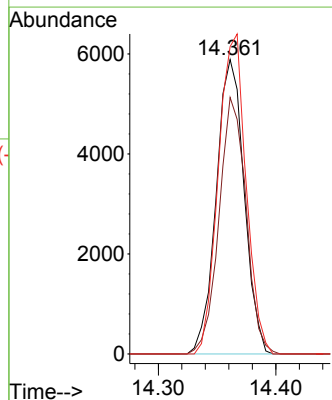
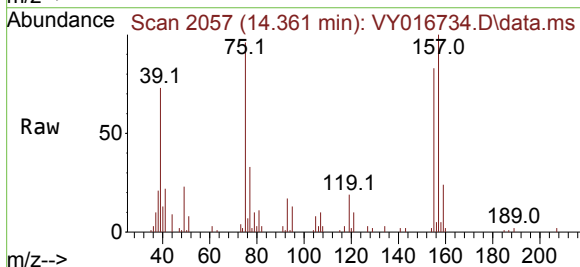
Tgt Ion: 75 Resp: 9715

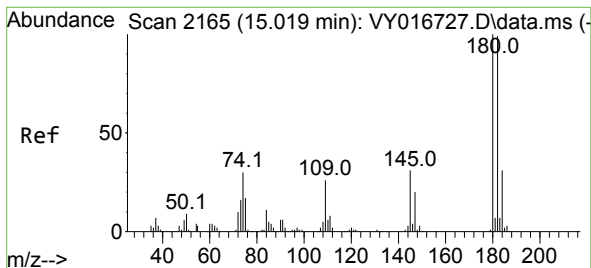
Ion Ratio Lower Upper

75 100

155 84.3 42.1 126.3

157 107.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 48.484 ug/l

RT: 15.013 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :

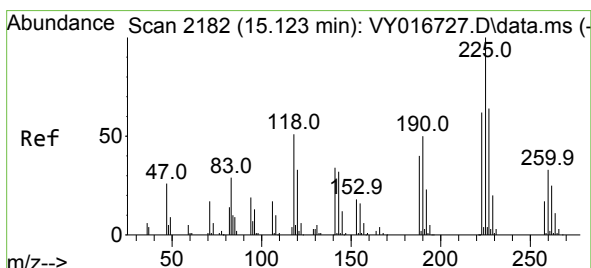
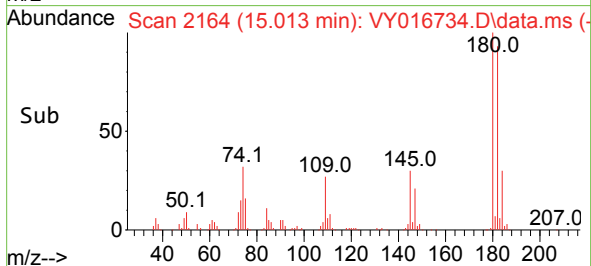
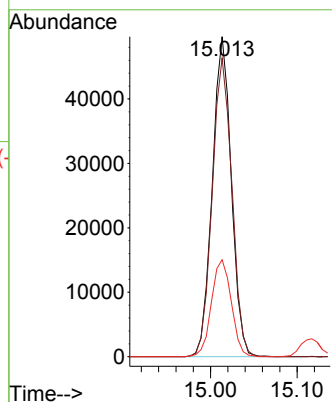
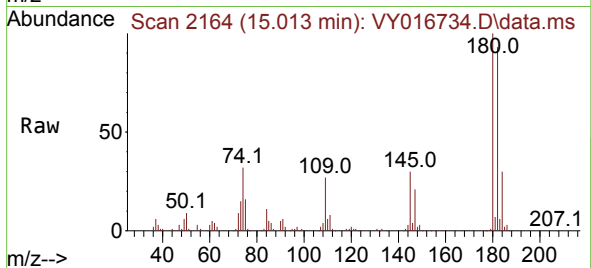
Tgt Ion:180 Resp: 75672

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.7

145 31.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 47.252 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

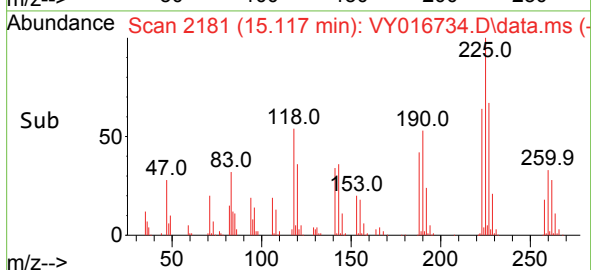
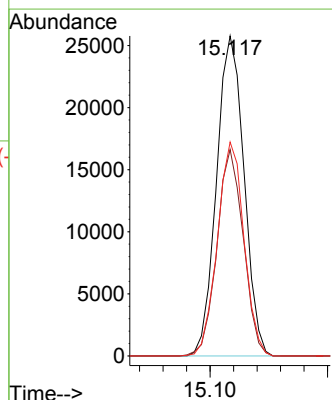
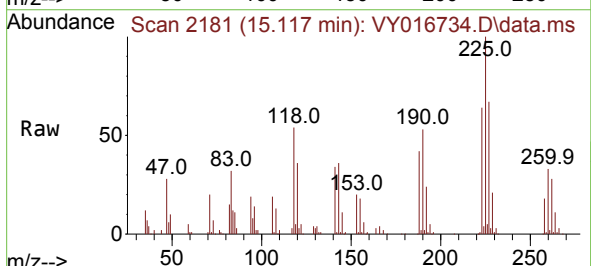
Tgt Ion:225 Resp: 41888

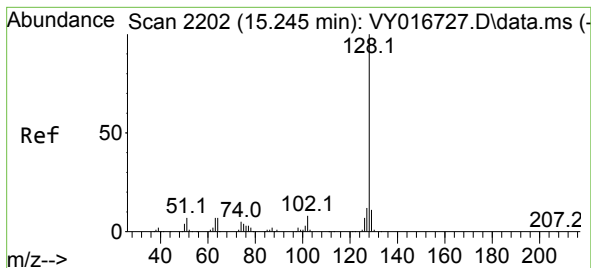
Ion Ratio Lower Upper

225 100

223 61.8 31.4 94.3

227 64.7 32.3 96.8





#95

Naphthalene

Concen: 45.341 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

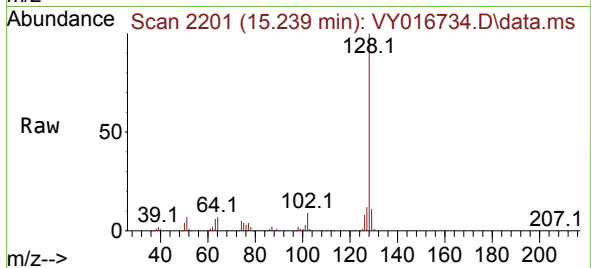
Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Instrument :

MSVOA_Y

ClientSampleId :



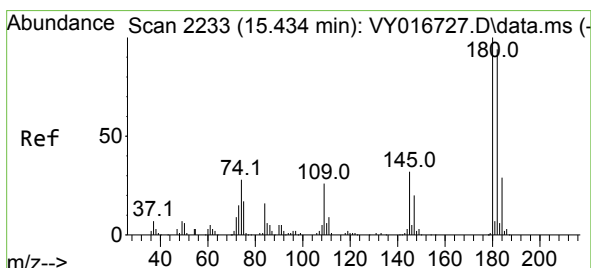
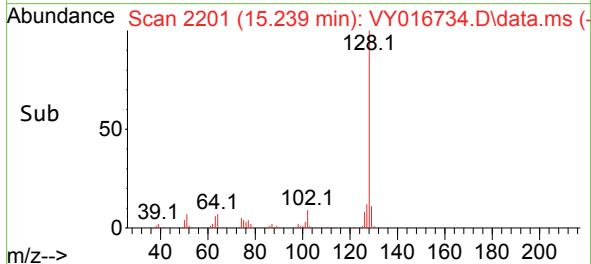
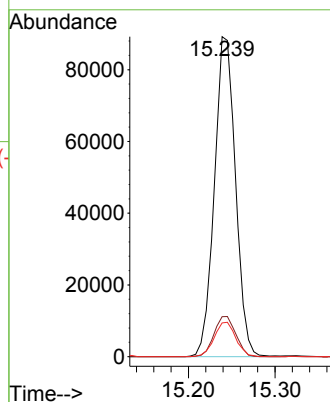
Tgt Ion:128 Resp: 151128

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.149 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016734.D

Acq: 20 Dec 2023 19:40

Tgt Ion:180 Resp: 64003

Ion Ratio Lower Upper

180 100

182 97.6 46.3 138.8

145 33.0 16.1 48.2

