

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016736.D
 Acq On : 21 Dec 2023 03:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 04:02:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	153489	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	274747	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	234857	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	99387	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	75889	54.160	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.320%	
35) Dibromofluoromethane	7.746	113	78446	49.844	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.680%	
50) Toluene-d8	10.203	98	279394	49.246	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.500%	
62) 4-Bromofluorobenzene	12.502	95	90881	49.375	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	52607	40.106	ug/l	97
3) Chloromethane	2.131	50	92412	45.834	ug/l	99
4) Vinyl Chloride	2.272	62	104039	45.683	ug/l	98
5) Bromomethane	2.674	94	76492	47.157	ug/l	97
6) Chloroethane	2.820	64	72749	47.142	ug/l	99
7) Trichlorofluoromethane	3.156	101	115228	43.433	ug/l	99
8) Diethyl Ether	3.558	74	44282	52.177	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.930	101	71121	43.701	ug/l	99
10) Methyl Iodide	4.125	142	86118	50.781	ug/l	99
11) Tert butyl alcohol	4.997	59	27504	239.404	ug/l	100
12) 1,1-Dichloroethene	3.906	96	68280	47.121	ug/l	98
13) Acrolein	3.759	56	22376	252.433	ug/l	100
14) Allyl chloride	4.515	41	112513	50.695	ug/l	99
15) Acrylonitrile	5.204	53	98147	273.080	ug/l	99
16) Acetone	3.979	43	77846	205.454	ug/l	100
17) Carbon Disulfide	4.229	76	193880	49.175	ug/l	97
18) Methyl Acetate	4.515	43	91214	61.601	ug/l	100
19) Methyl tert-butyl Ether	5.259	73	197197	52.891	ug/l	98
20) Methylene Chloride	4.753	84	94361	49.510	ug/l	98
21) trans-1,2-Dichloroethene	5.259	96	82893	50.159	ug/l	97
22) Diisopropyl ether	6.155	45	262358	52.251	ug/l	97
23) Vinyl Acetate	6.100	43	603676	254.203	ug/l	98
24) 1,1-Dichloroethane	6.058	63	151955	50.379	ug/l	98
25) 2-Butanone	7.021	43	123363	236.476	ug/l	100
26) 2,2-Dichloropropane	7.021	77	118341	44.960	ug/l	100
27) cis-1,2-Dichloroethene	7.021	96	96424	50.697	ug/l	99
28) Bromochloromethane	7.368	49	67075	56.185	ug/l	99
29) Tetrahydrofuran	7.381	42	80323	281.588	ug/l	99
30) Chloroform	7.539	83	154439	50.016	ug/l	99
31) Cyclohexane	7.819	56	116663	43.456	ug/l	98
32) 1,1,1-Trichloroethane	7.734	97	128669	47.472	ug/l	100
36) 1,1-Dichloropropene	7.947	75	112274	44.499	ug/l	100
37) Ethyl Acetate	7.106	43	55722	51.525	ug/l	99
38) Carbon Tetrachloride	7.935	117	108077	43.288	ug/l	97
39) Methylcyclohexane	9.209	83	129399	44.420	ug/l	97
40) Benzene	8.191	78	348418	47.454	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	32442	56.501	ug/l	99
42) 1,2-Dichloroethane	8.265	62	94136	49.143	ug/l	100
43) Isopropyl Acetate	8.295	43	107372	51.119	ug/l	99
44) Trichloroethene	8.966	130	86602	46.213	ug/l	98
45) 1,2-Dichloropropane	9.240	63	88441	48.019	ug/l	97
46) Dibromomethane	9.331	93	46929	49.323	ug/l	98
47) Bromodichloromethane	9.520	83	118726	47.343	ug/l	96
48) Methyl methacrylate	9.319	41	59944	51.351	ug/l	96
49) 1,4-Dioxane	9.325	88	9655	1045.496	ug/l	97
51) 4-Methyl-2-Pentanone	10.093	43	293092	261.894	ug/l	99
52) Toluene	10.264	92	210623	47.869	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	112486	49.192	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	133135	48.269	ug/l	97
55) 1,1,2-Trichloroethane	10.667	97	65713	48.407	ug/l	99
56) Ethyl methacrylate	10.532	69	63293	53.022	ug/l	97
57) 1,3-Dichloropropane	10.813	76	114140	49.502	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	169221	263.517	ug/l	99
59) 2-Hexanone	10.849	43	198666	238.071	ug/l	99
60) Dibromochloromethane	11.008	129	76791	48.899	ug/l	99
61) 1,2-Dibromoethane	11.112	107	61148	50.228	ug/l	99
64) Tetrachloroethene	10.746	164	70262	48.160	ug/l	98
65) Chlorobenzene	11.538	112	216016	46.814	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	81869	47.156	ug/l	99
67) Ethyl Benzene	11.611	91	396369	46.670	ug/l	99
68) m/p-Xylenes	11.721	106	296426	94.517	ug/l	100
69) o-Xylene	12.050	106	139151	48.363	ug/l	99
70) Styrene	12.063	104	204941	48.136	ug/l	99
71) Bromoform	12.227	173	42256	48.820	ug/l #	96
73) Isopropylbenzene	12.349	105	369818	47.778	ug/l	100
74) N-amyl acetate	12.160	43	83862	51.625	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	78086	50.483	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	91550	83.328	ug/l #	100
77) Bromobenzene	12.630	156	81647	48.351	ug/l	99
78) n-propylbenzene	12.691	91	442658	47.201	ug/l	100
79) 2-Chlorotoluene	12.776	91	246249	47.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	294955	48.139	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	22068	47.171	ug/l	100
82) 4-Chlorotoluene	12.873	91	256837	48.244	ug/l	99
83) tert-Butylbenzene	13.093	119	256306	48.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	294302	48.711	ug/l	100
85) sec-Butylbenzene	13.270	105	370178	46.893	ug/l	99
86) p-Isopropyltoluene	13.386	119	310080	47.167	ug/l	100
87) 1,3-Dichlorobenzene	13.386	146	153320	46.460	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	150579	46.729	ug/l	99
89) n-Butylbenzene	13.715	91	290994	46.304	ug/l	100
90) Hexachloroethane	13.977	117	63899	46.678	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	135117	48.061	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9759	48.672	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	71086	47.653	ug/l	98
94) Hexachlorobutadiene	15.129	225	37588	44.363	ug/l	98
95) Naphthalene	15.251	128	146513	45.939	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	62301	49.037	ug/l	99

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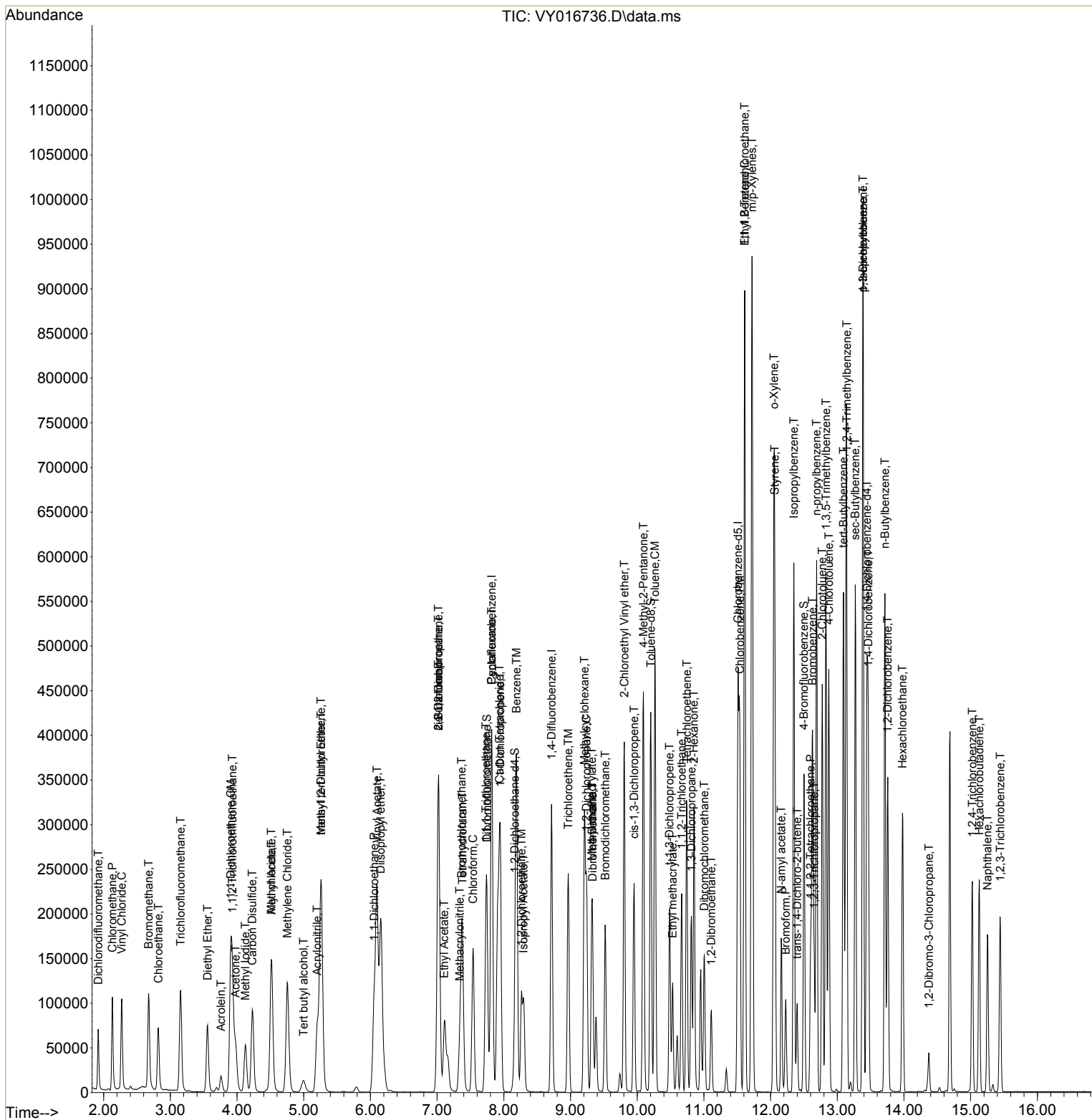
Instrument :
MSVOA_Y
ClientSampleId :

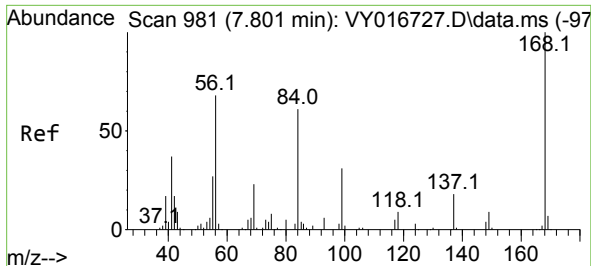
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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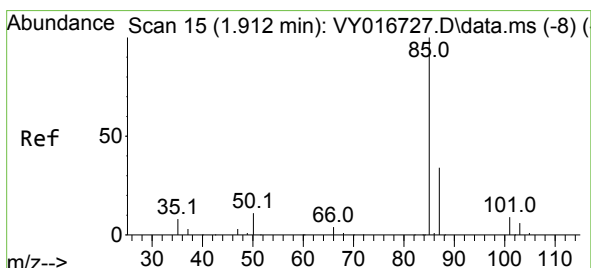
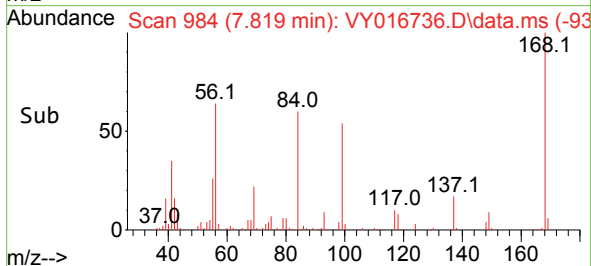
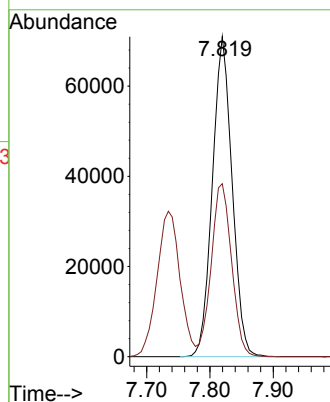
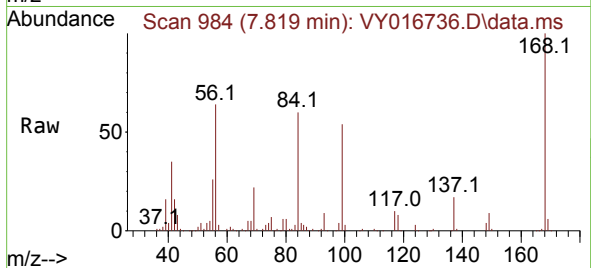




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
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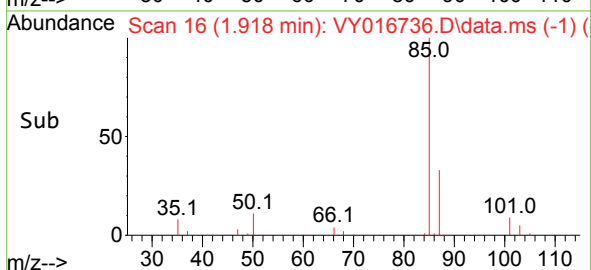
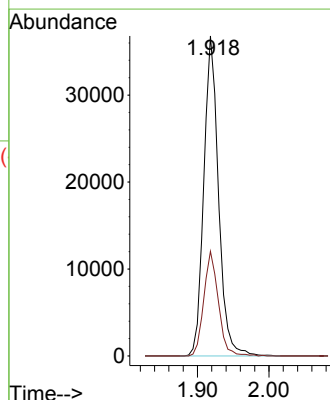
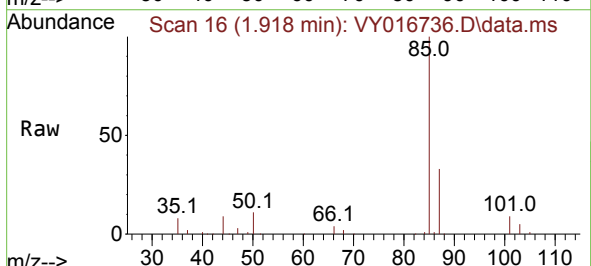
Instrument :
MSVOA_Y
ClientSampleId :

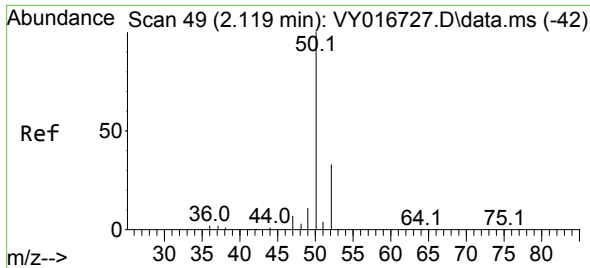
Tgt Ion:168 Resp: 153489
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 40.106 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 85 Resp: 52607
Ion Ratio Lower Upper
85 100
87 32.7 17.1 51.3

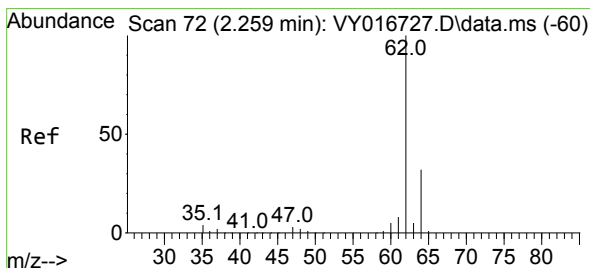
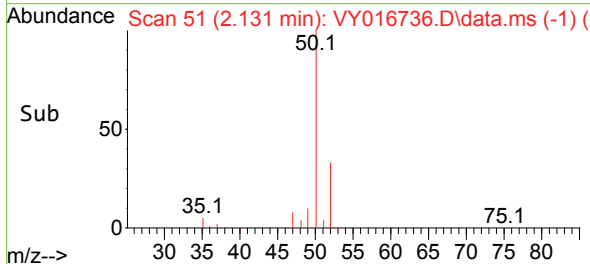
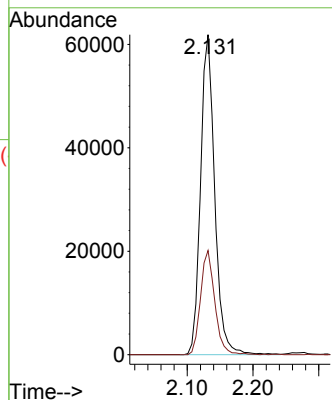
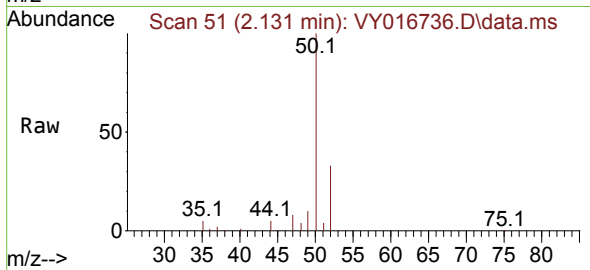




#3
Chloromethane
Concen: 45.834 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

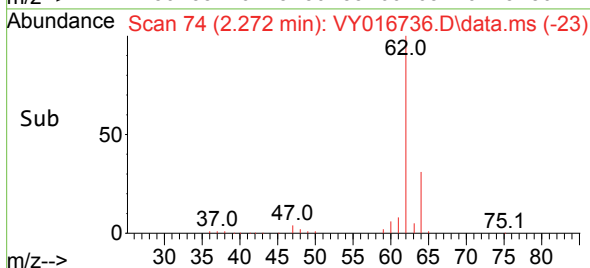
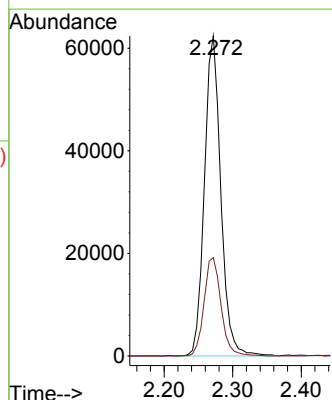
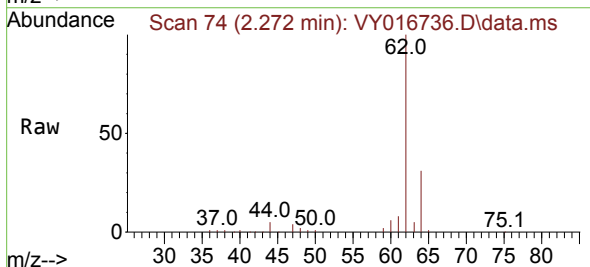
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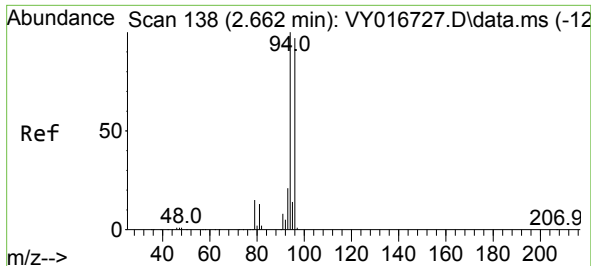
Tgt Ion: 50 Resp: 92412
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1



#4
Vinyl Chloride
Concen: 45.683 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

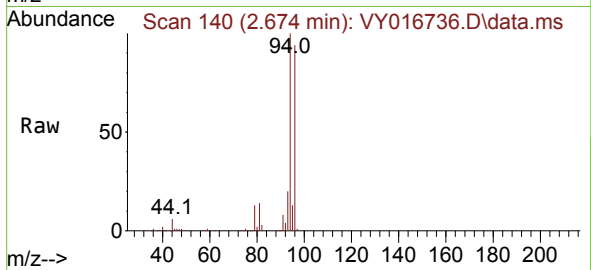
Tgt Ion: 62 Resp: 104039
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5



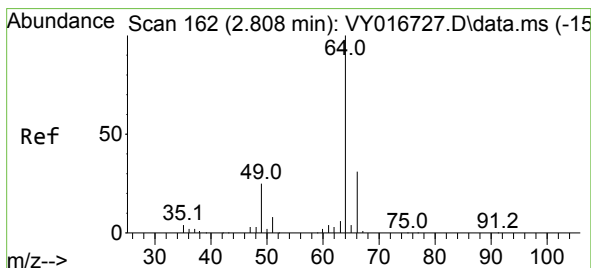
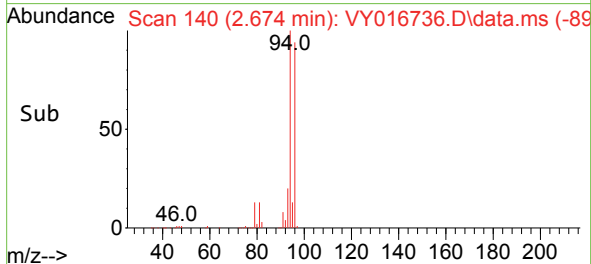
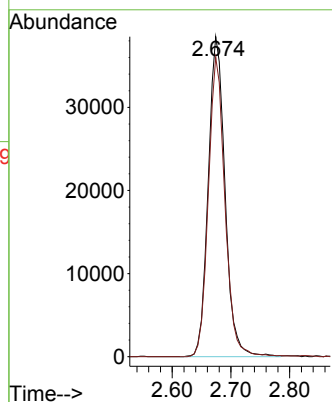


#5
Bromomethane
Concen: 47.157 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Instrument :
MSVOA_Y
ClientSampleId :

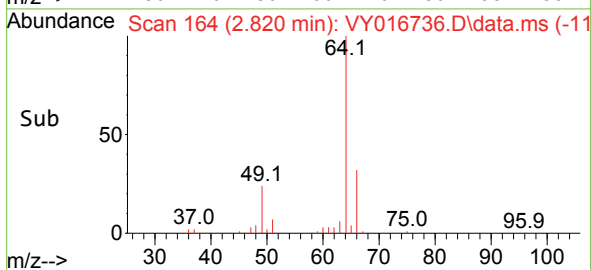
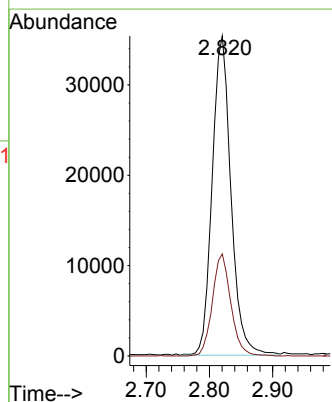
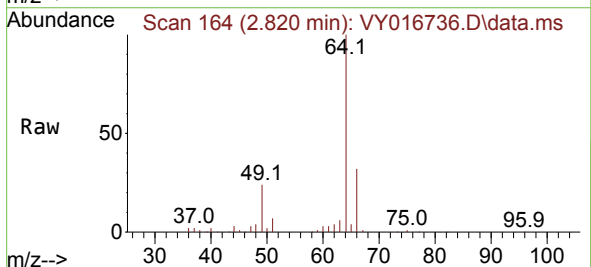


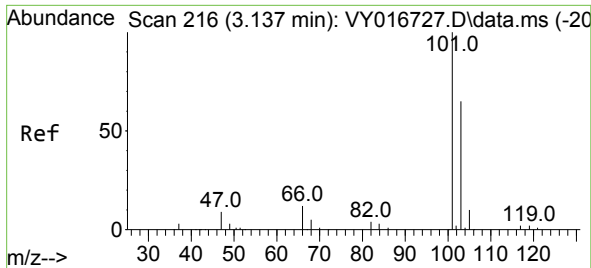
Tgt Ion: 94 Resp: 76492
Ion Ratio Lower Upper
94 100
96 93.6 77.3 115.9



#6
Chloroethane
Concen: 47.142 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

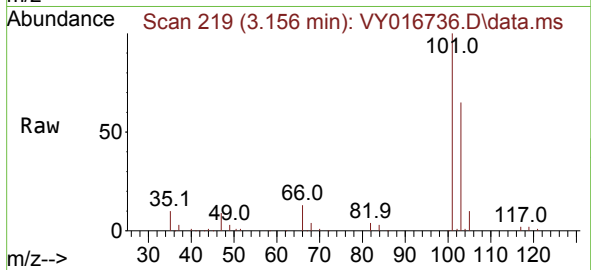
Tgt Ion: 64 Resp: 72749
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7



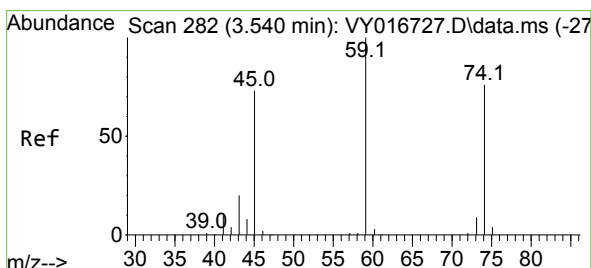
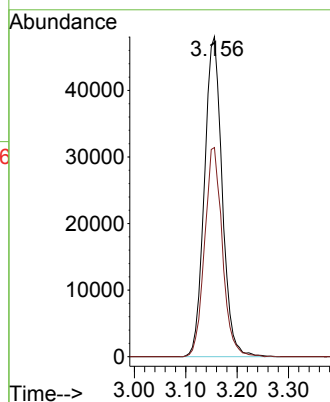
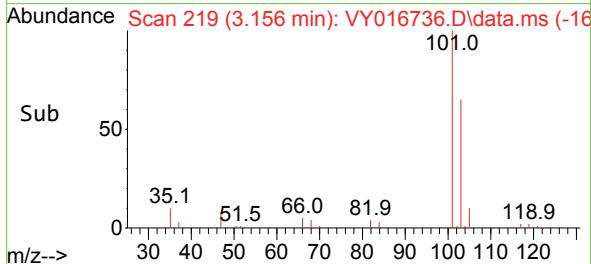


#7
 Trichlorofluoromethane
 Concen: 43.433 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VY016736.D
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Instrument :
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 ClientSampleId :

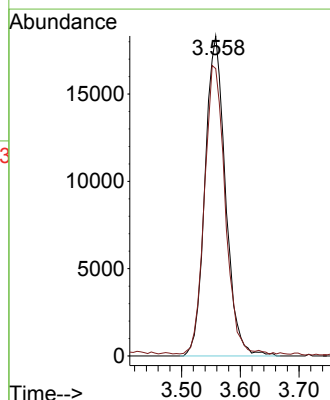
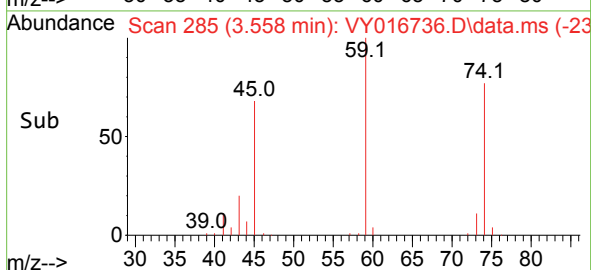
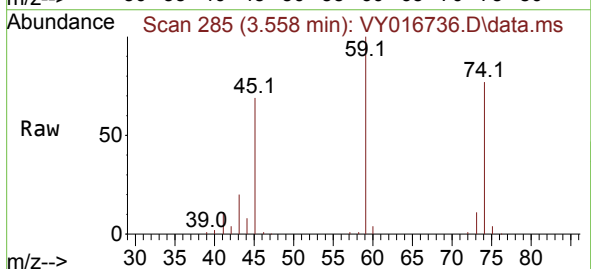


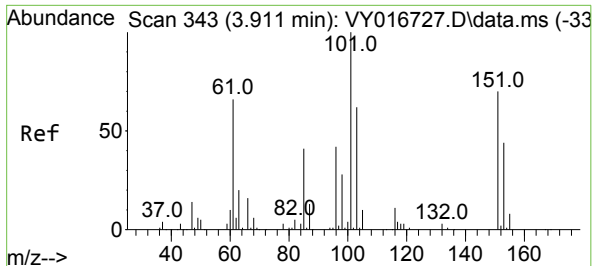
Tgt Ion:101 Resp: 115228
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 52.177 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.019 min
 Lab File: VY016736.D
 Acq: 21 Dec 2023 03:01

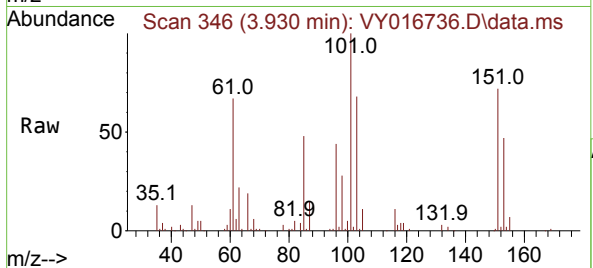
Tgt Ion: 74 Resp: 44282
 Ion Ratio Lower Upper
 74 100
 45 91.5 47.9 143.7



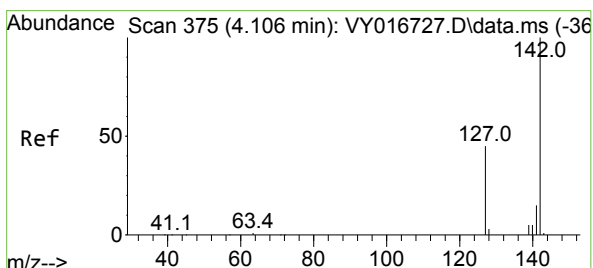
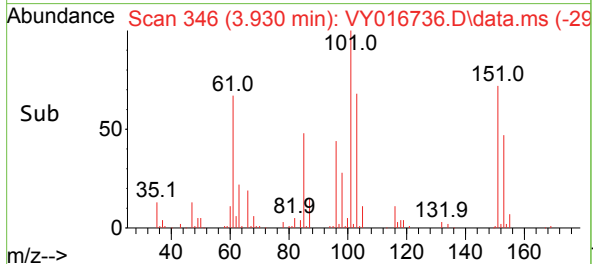
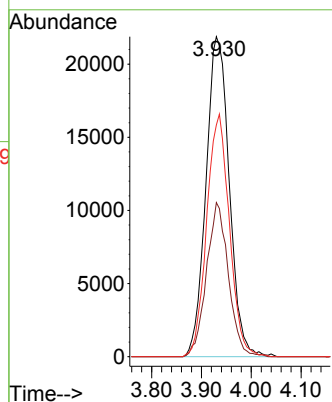


#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.701 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.019 min
Lab File: VY016736.D
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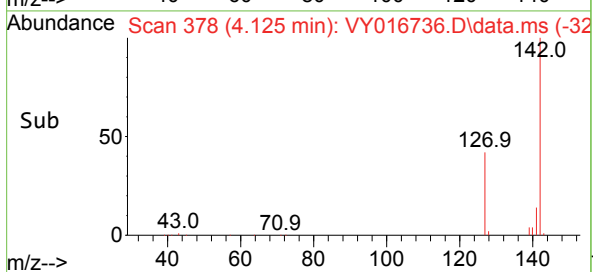
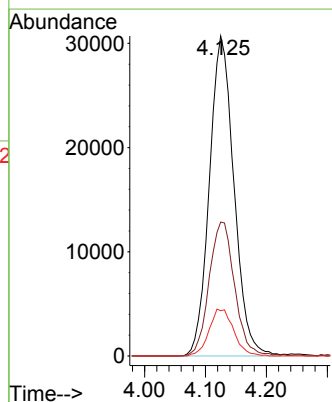
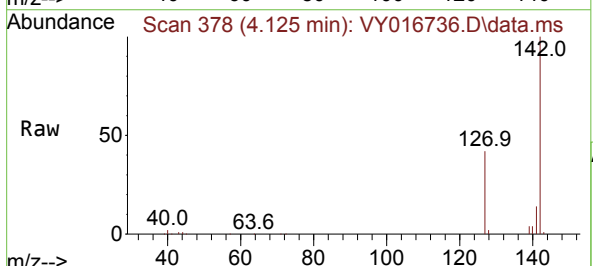


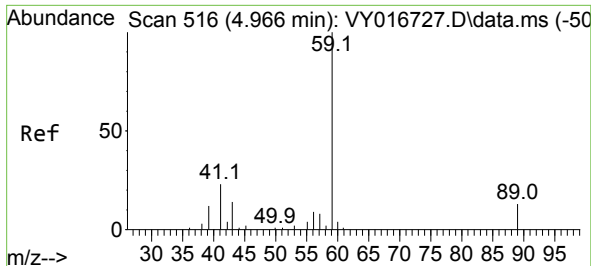
Tgt Ion:	101	Resp:	71121
Ion	Ratio	Lower	Upper
101	100		
85	45.2	35.8	53.6
151	73.8	58.6	88.0



#10
Methyl Iodide
Concen: 50.781 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

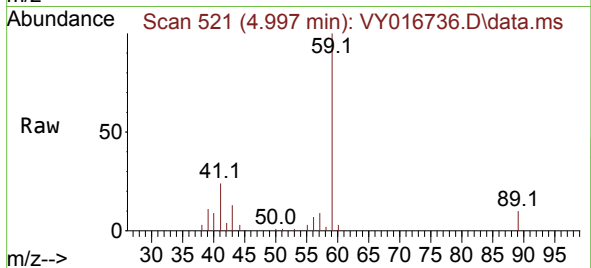
Tgt Ion:	142	Resp:	86118
Ion	Ratio	Lower	Upper
142	100		
127	43.4	35.1	52.7
141	14.7	11.8	17.6



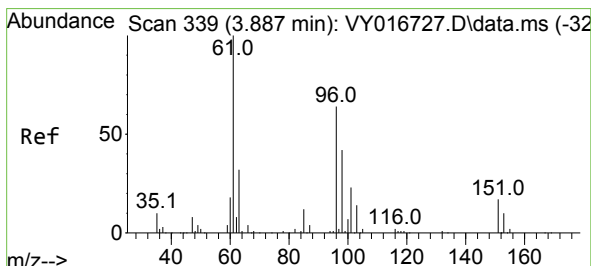
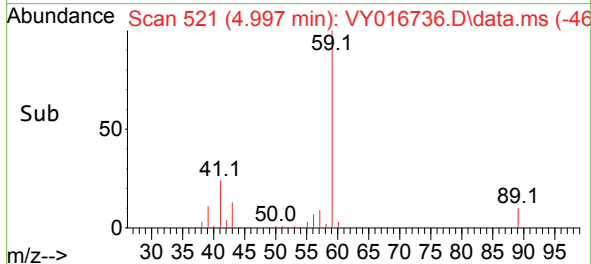
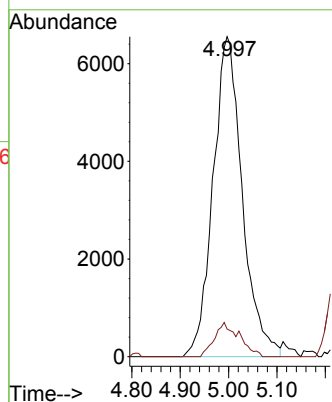


#11
Tert butyl alcohol
Concen: 239.404 ug/l
RT: 4.997 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Instrument :
MSVOA_Y
ClientSampleId :

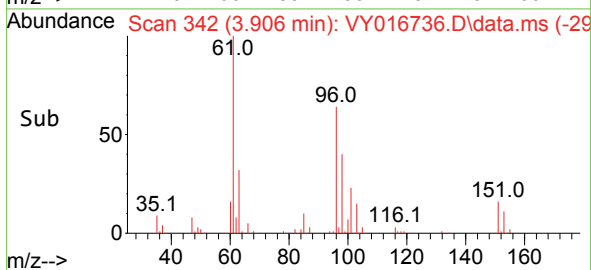
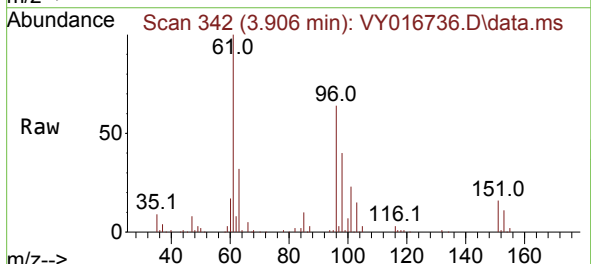
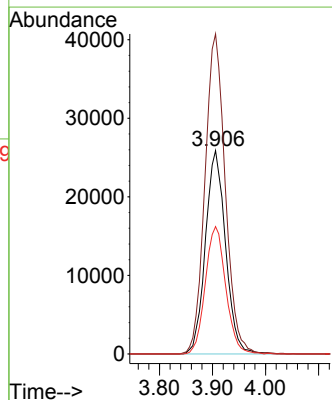


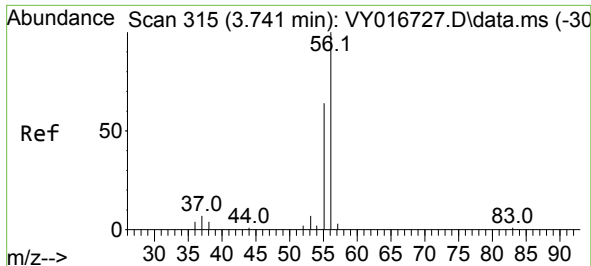
Tgt Ion: 59 Resp: 27504
Ion Ratio Lower Upper
59 100
57 9.1 7.4 11.0



#12
1,1-Dichloroethene
Concen: 47.121 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 96 Resp: 68280
Ion Ratio Lower Upper
96 100
61 157.4 124.2 186.2
98 62.6 52.6 79.0

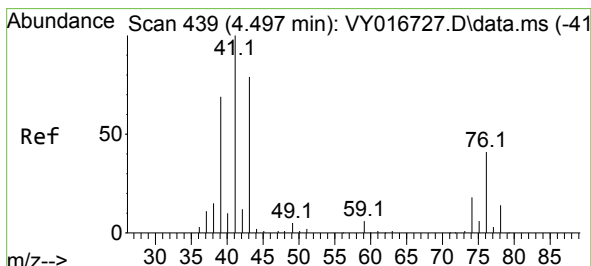
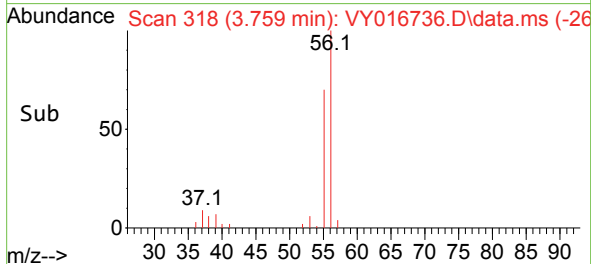
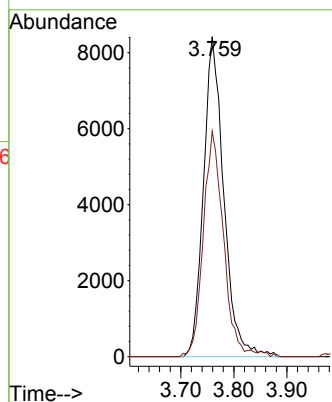
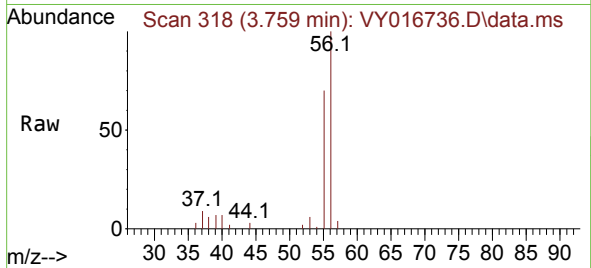




#13
Acrolein
Concen: 252.433 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

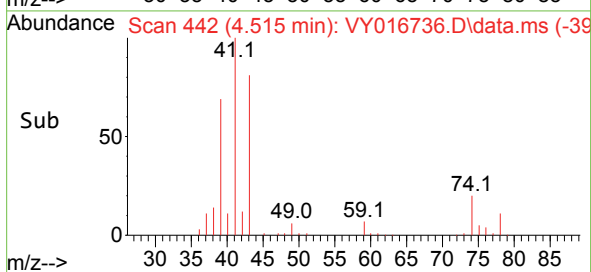
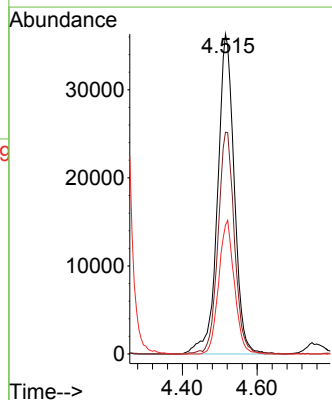
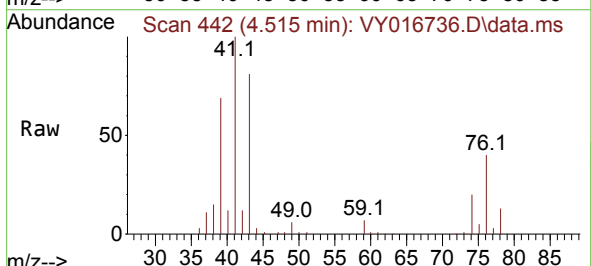
Instrument :
MSVOA_Y
ClientSampleId :

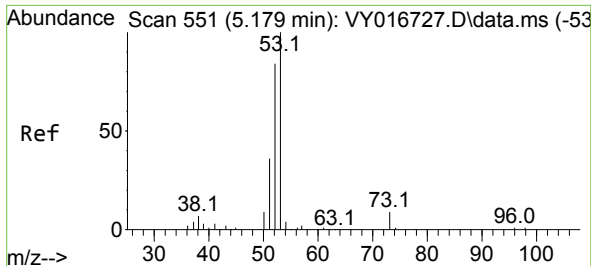
Tgt Ion: 56 Resp: 22376
Ion Ratio Lower Upper
56 100
55 69.6 55.4 83.0



#14
Allyl chloride
Concen: 50.695 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

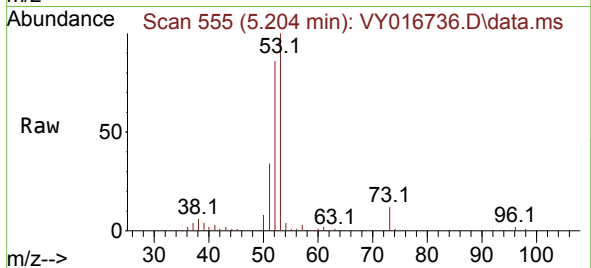
Tgt Ion: 41 Resp: 112513
Ion Ratio Lower Upper
41 100
39 68.0 54.7 82.1
76 39.3 31.8 47.6



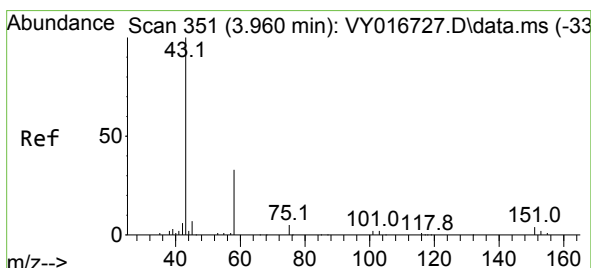
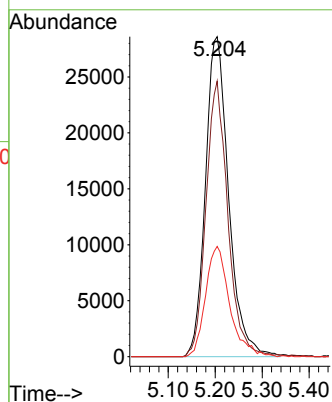


#15
Acrylonitrile
Concen: 273.080 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Instrument :
MSVOA_Y
ClientSampleId :

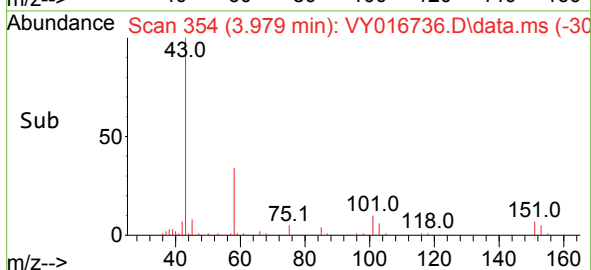
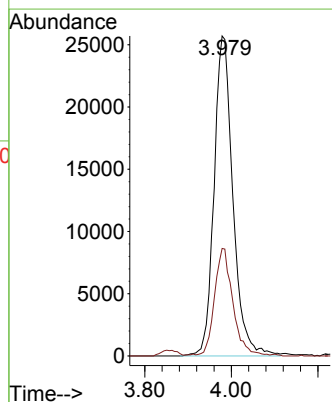
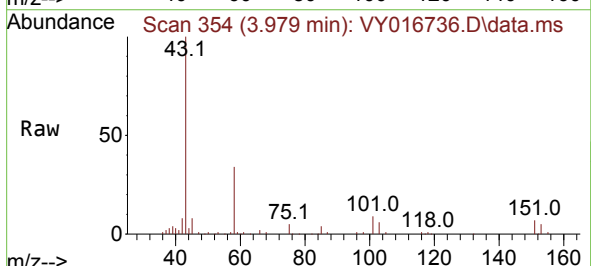


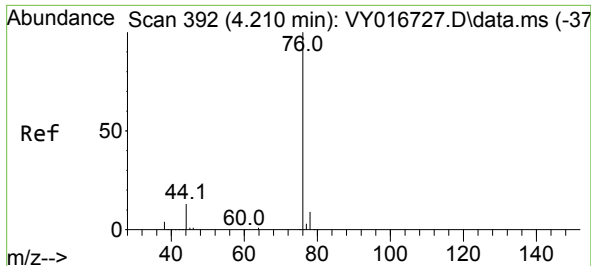
Tgt Ion: 53 Resp: 98147
Ion Ratio Lower Upper
53 100
52 80.8 65.1 97.7
51 35.9 29.0 43.4



#16
Acetone
Concen: 205.454 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 43 Resp: 77846
Ion Ratio Lower Upper
43 100
58 33.4 26.6 39.8

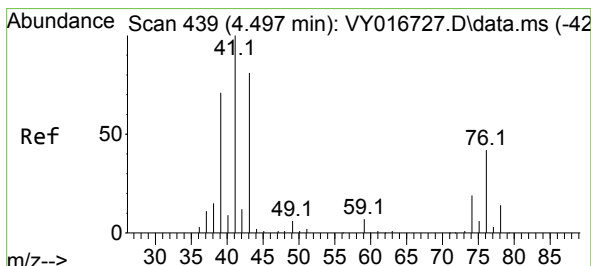
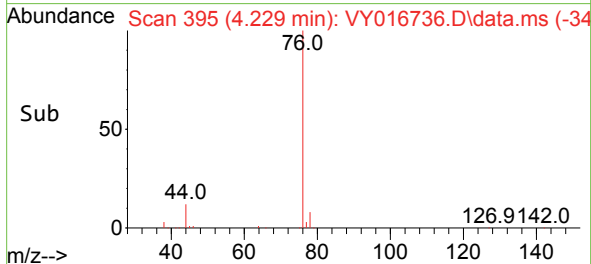
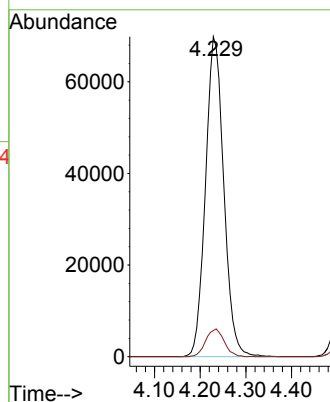
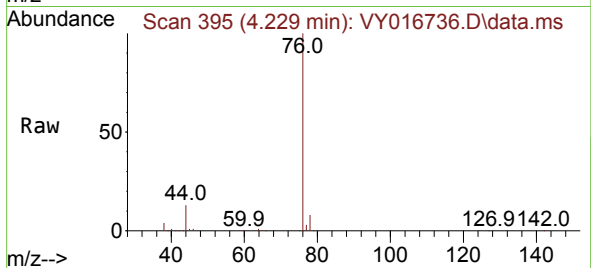




#17
Carbon Disulfide
Concen: 49.175 ug/l
RT: 4.229 min Scan# 392
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

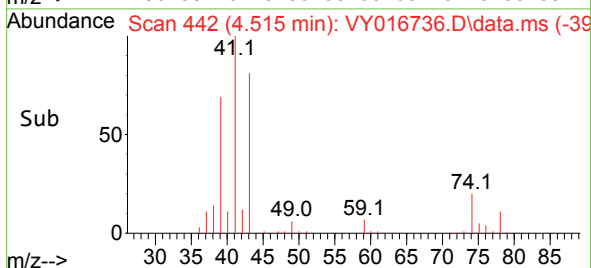
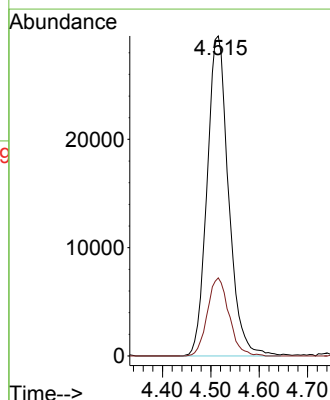
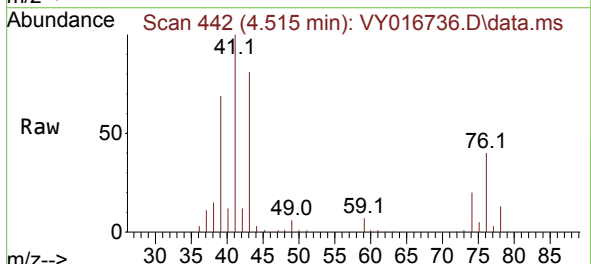
Instrument :
MSVOA_Y
ClientSampleId :

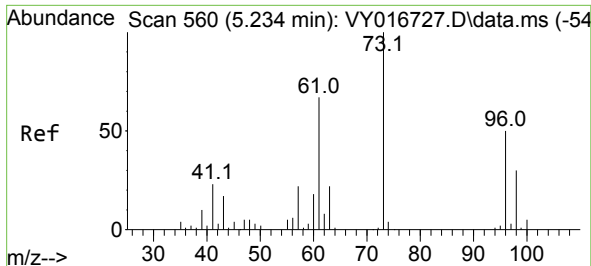
Tgt Ion: 76 Resp: 193880
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#18
Methyl Acetate
Concen: 61.601 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 43 Resp: 91214
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6

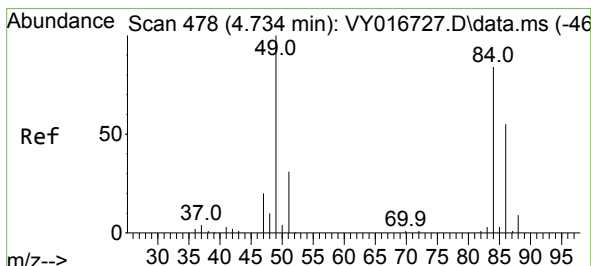
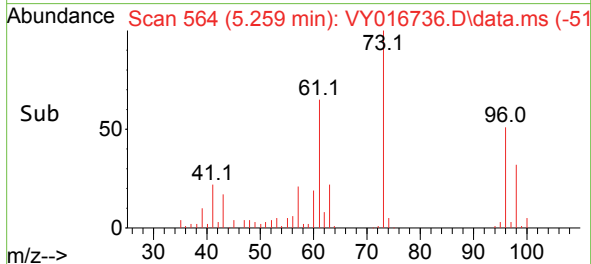
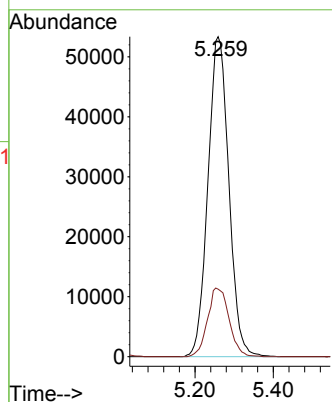
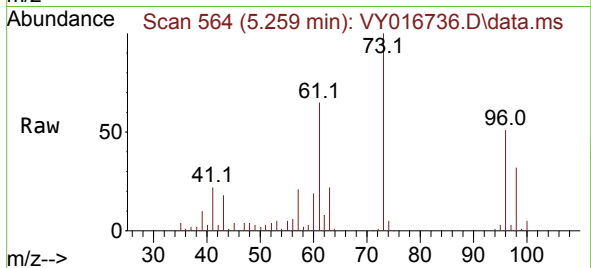




#19
Methyl tert-butyl Ether
Concen: 52.891 ug/l
RT: 5.259 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

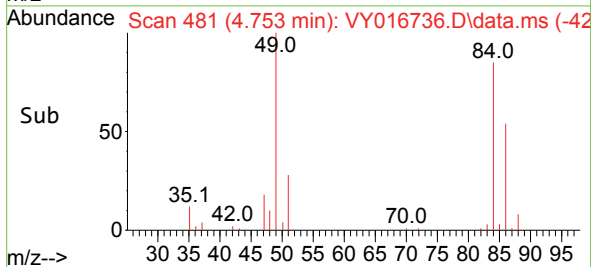
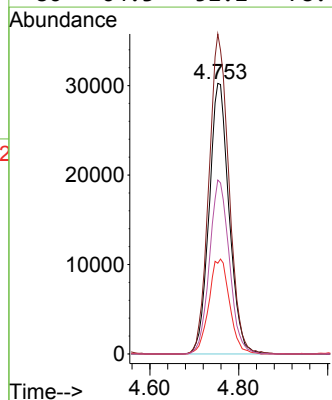
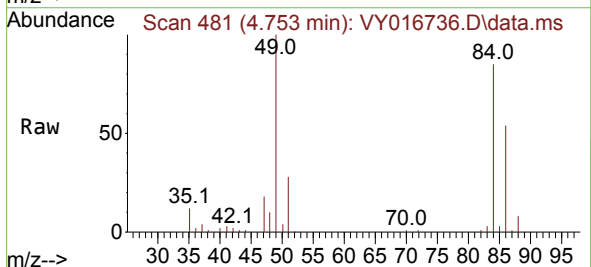
Instrument :
MSVOA_Y
ClientSampleId :

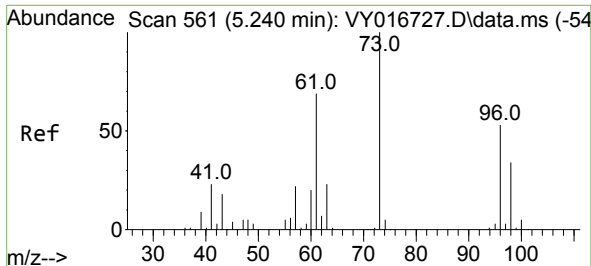
Tgt Ion: 73 Resp: 197197
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5



#20
Methylene Chloride
Concen: 49.510 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 84 Resp: 94361
Ion Ratio Lower Upper
84 100
49 118.3 95.2 142.8
51 33.5 29.9 44.9
86 64.3 52.2 78.4

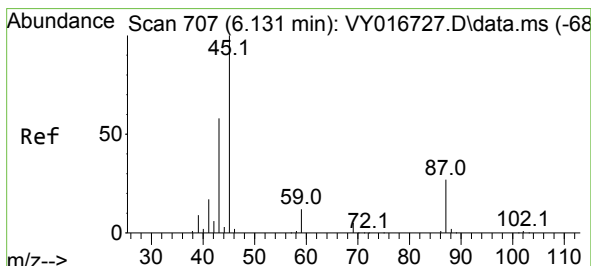
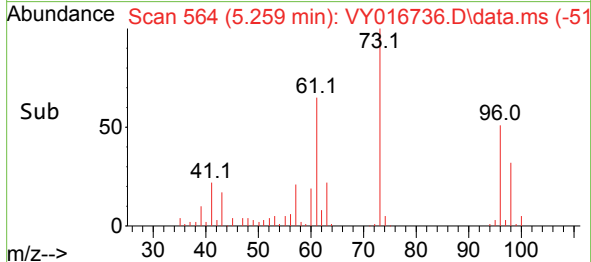
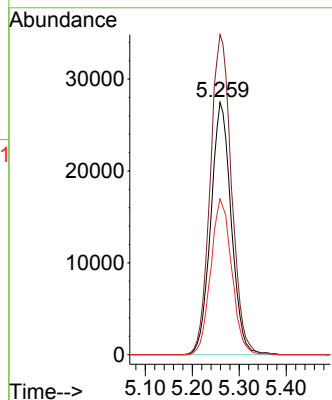
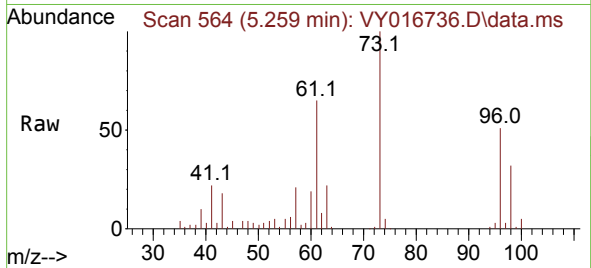




#21
trans-1,2-Dichloroethene
Concen: 50.159 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

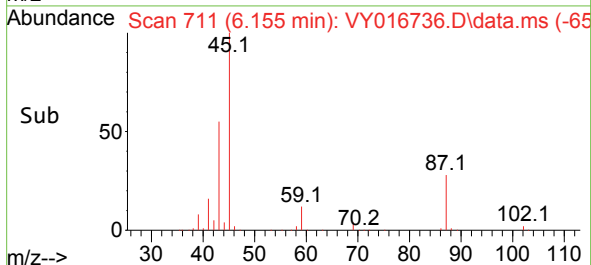
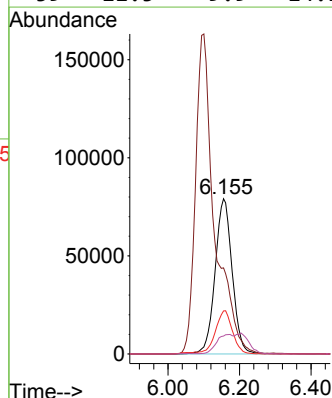
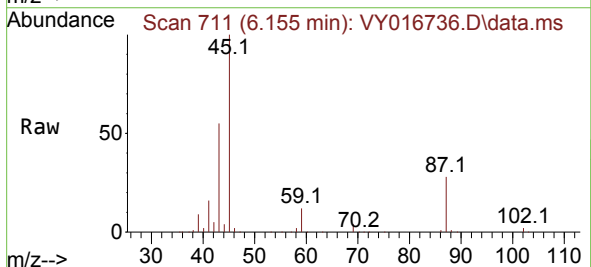
Instrument :
MSVOA_Y
ClientSampleId :

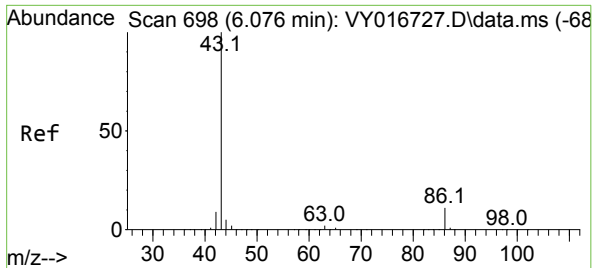
Tgt Ion: 96 Resp: 82893
Ion Ratio Lower Upper
96 100
61 126.8 104.6 156.8
98 61.7 50.9 76.3



#22
Diisopropyl ether
Concen: 52.251 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.025 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 45 Resp: 262358
Ion Ratio Lower Upper
45 100
43 55.1 46.8 70.2
87 27.7 22.2 33.2
59 11.5 9.9 14.9

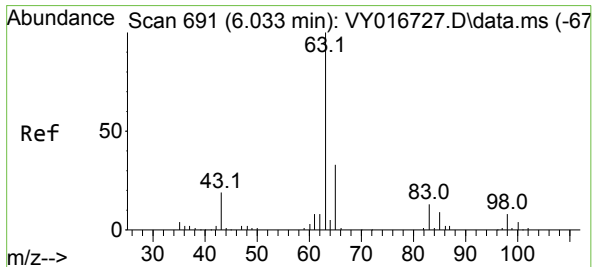
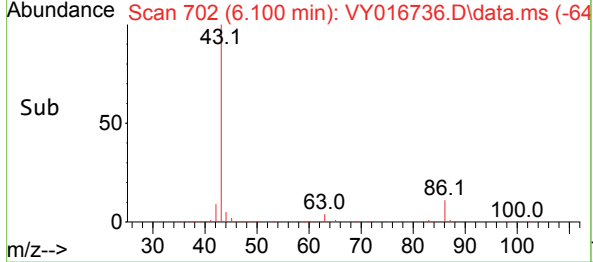
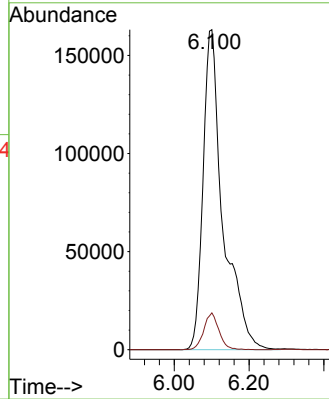
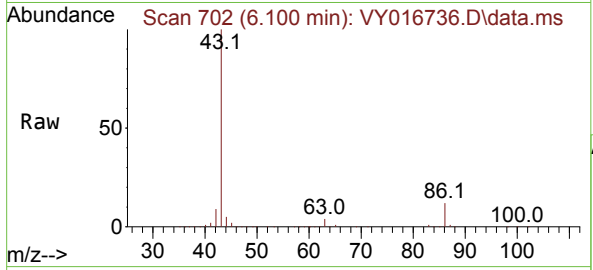




#23
 Vinyl Acetate
 Concen: 254.203 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY016736.D
 Acq: 21 Dec 2023 03:01

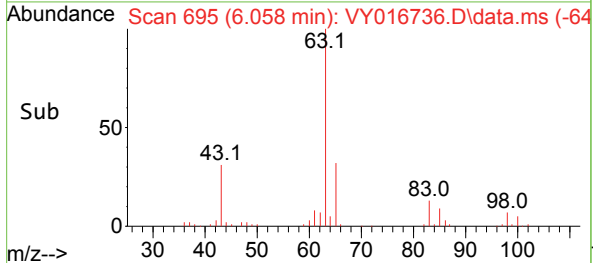
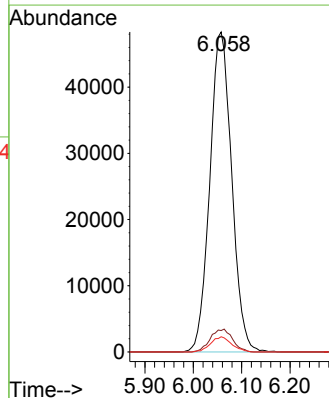
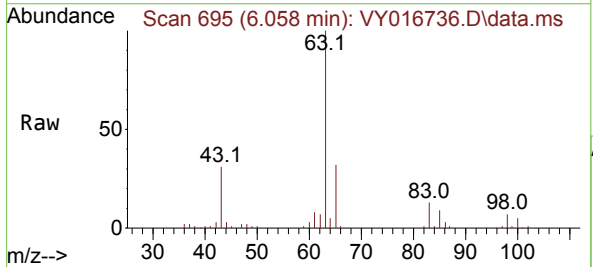
Instrument :
 MSVOA_Y
 ClientSampleId :

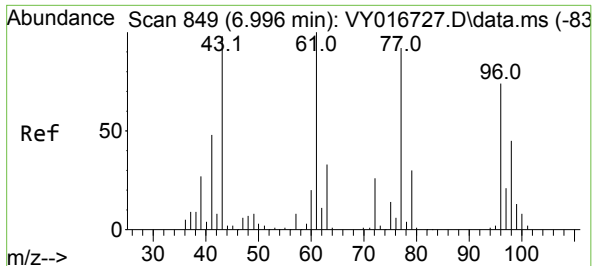
Tgt Ion: 43 Resp: 603676
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.379 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.025 min
 Lab File: VY016736.D
 Acq: 21 Dec 2023 03:01

Tgt Ion: 63 Resp: 151955
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.7 2.1 6.2





#25

2-Butanone

Concen: 236.476 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

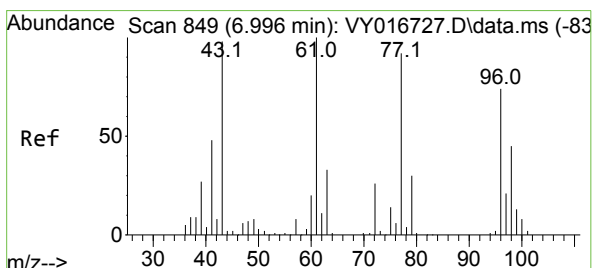
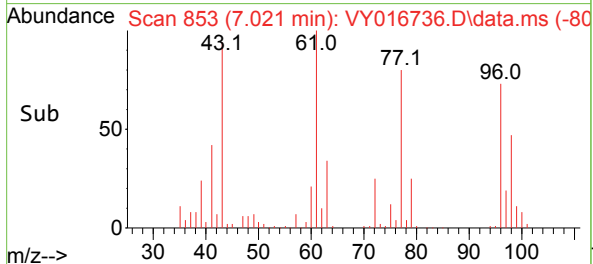
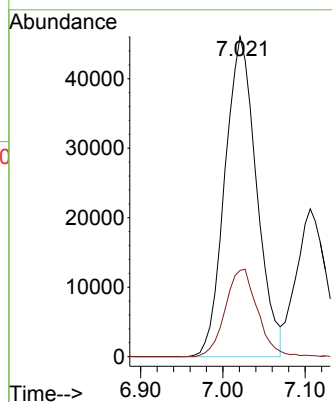
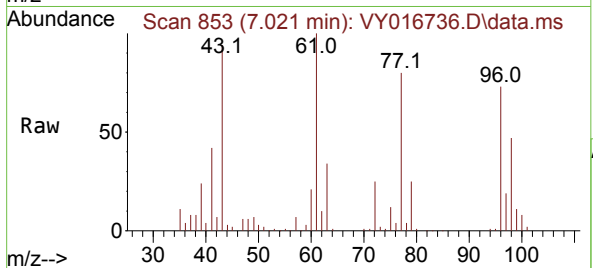
ClientSampleId :

Tgt Ion: 43 Resp: 123363

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 44.960 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016736.D

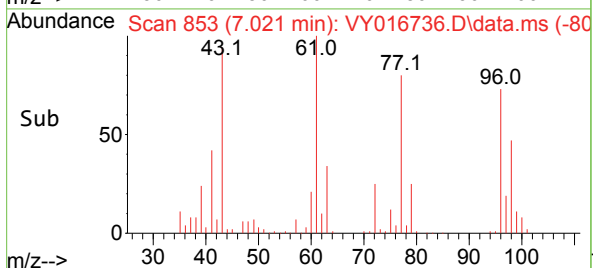
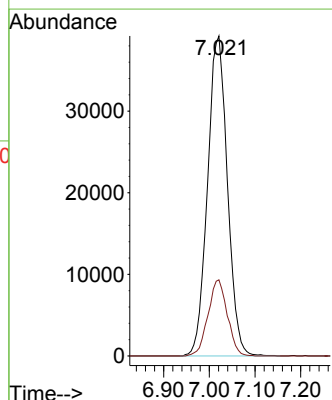
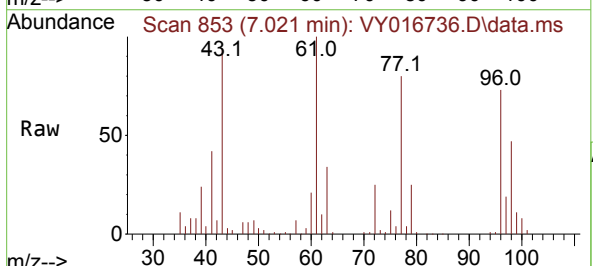
Acq: 21 Dec 2023 03:01

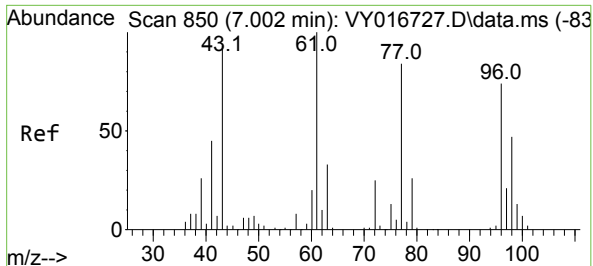
Tgt Ion: 77 Resp: 118341

Ion Ratio Lower Upper

77 100

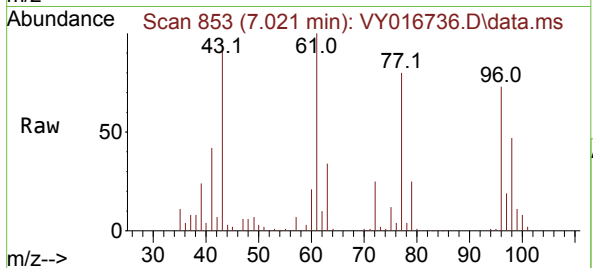
97 23.1 11.7 35.0



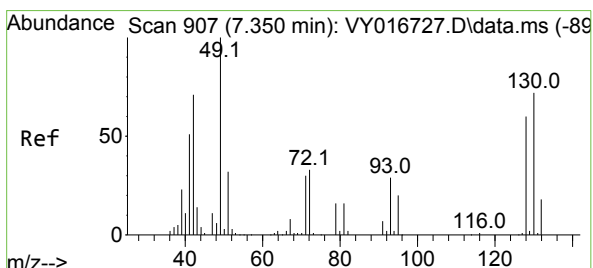
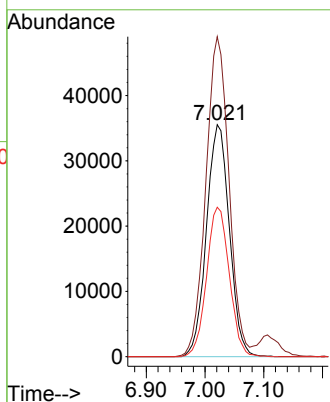
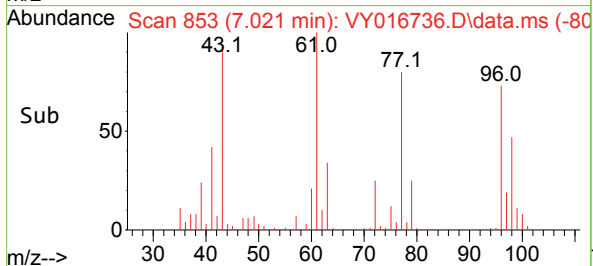


#27
cis-1,2-Dichloroethene
Concen: 50.697 ug/l
RT: 7.021 min Scan# 850
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Instrument :
MSVOA_Y
ClientSampleId :

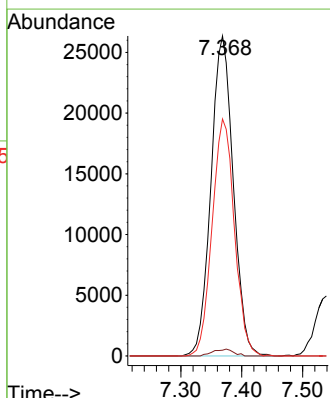
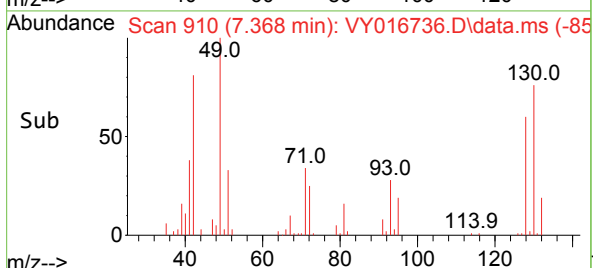
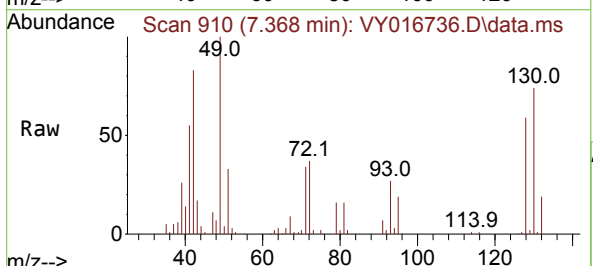


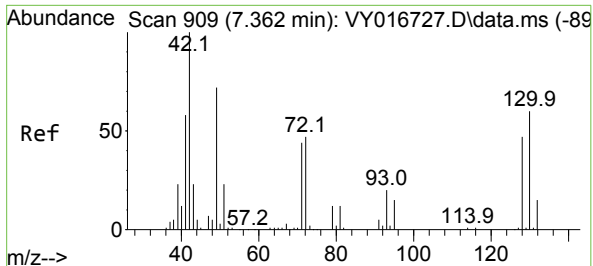
Tgt Ion: 96 Resp: 96424
Ion Ratio Lower Upper
96 100
61 138.8 0.0 278.8
98 63.9 0.0 127.0



#28
Bromochloromethane
Concen: 56.185 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 49 Resp: 67075
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 74.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 281.588 ug/l

RT: 7.381 min Scan# 912

Delta R.T. 0.019 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

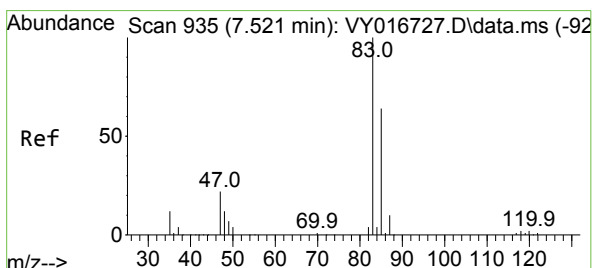
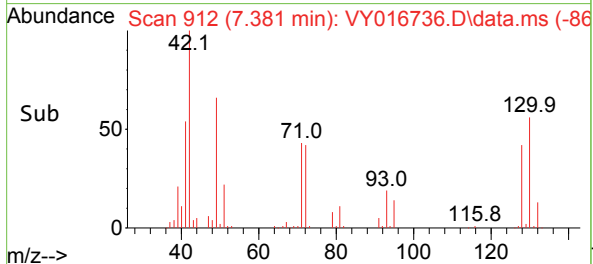
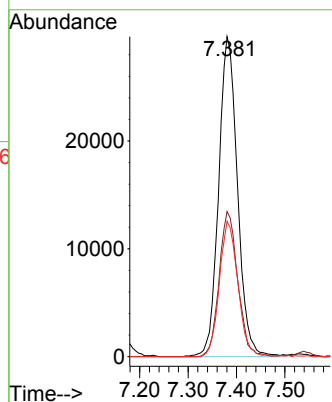
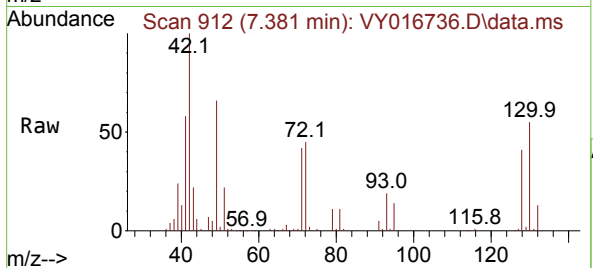
Tgt Ion: 42 Resp: 80323

Ion Ratio Lower Upper

42 100

72 44.8 36.6 54.8

71 41.7 33.8 50.6



#30

Chloroform

Concen: 50.016 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.019 min

Lab File: VY016736.D

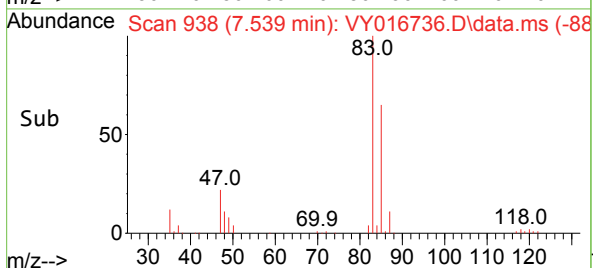
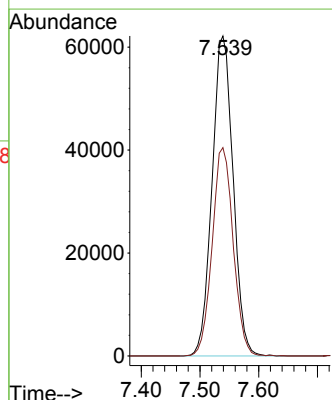
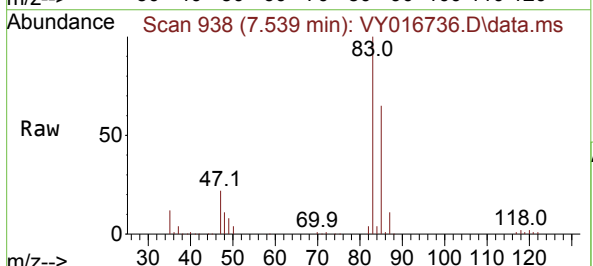
Acq: 21 Dec 2023 03:01

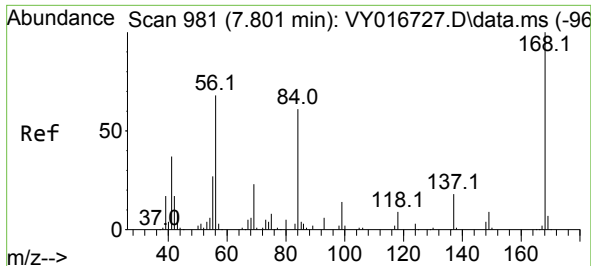
Tgt Ion: 83 Resp: 154439

Ion Ratio Lower Upper

83 100

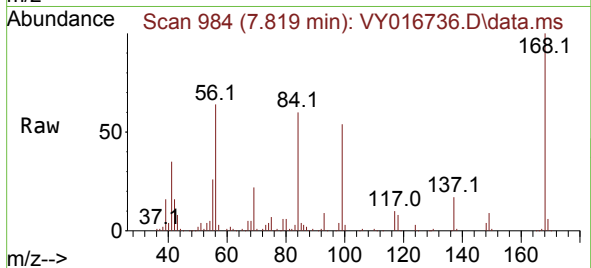
85 65.1 51.2 76.8



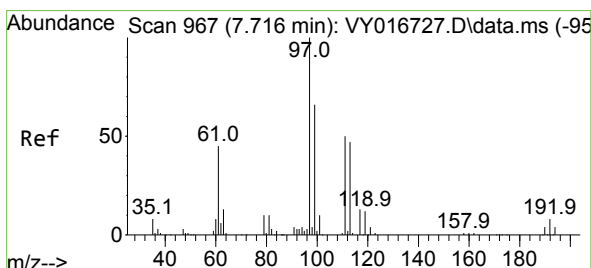
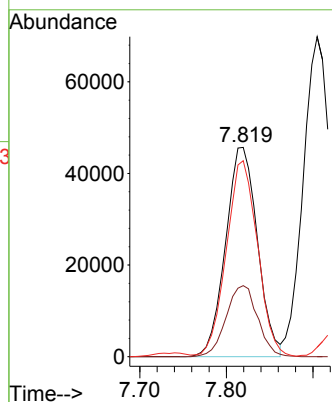
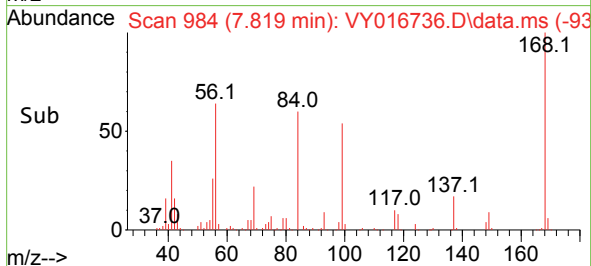


#31
Cyclohexane
Concen: 43.456 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

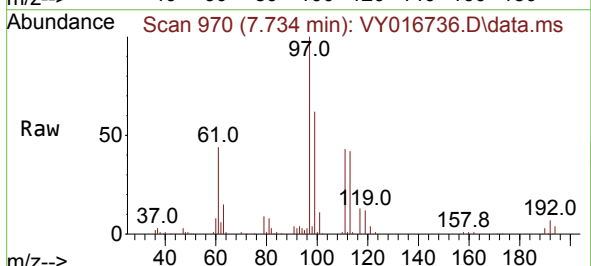
Instrument :
MSVOA_Y
ClientSampleId :



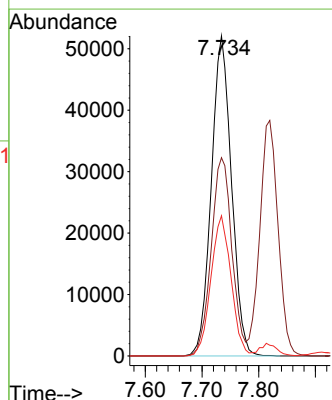
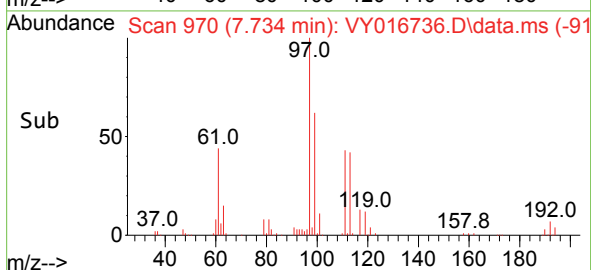
Tgt Ion: 56 Resp: 116663
Ion Ratio Lower Upper
56 100
69 34.0 27.0 40.6
84 92.0 71.8 107.6

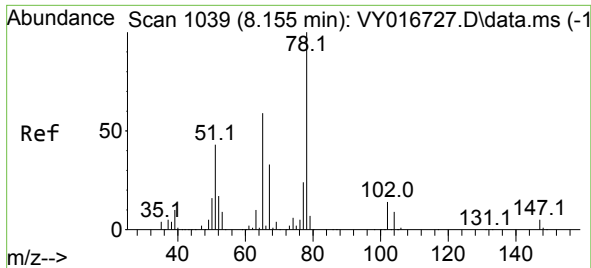


#32
1,1,1-Trichloroethane
Concen: 47.472 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01



Tgt Ion: 97 Resp: 128669
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 43.6 35.0 52.6

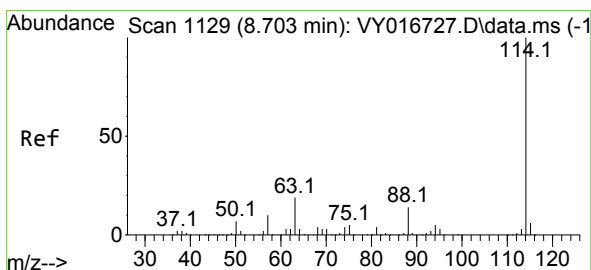
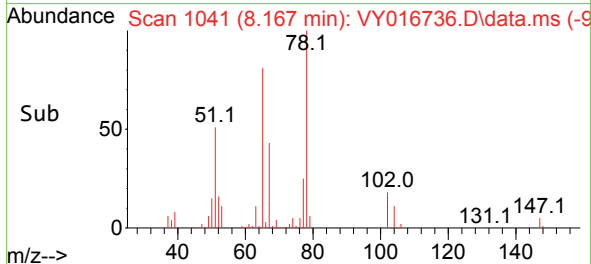
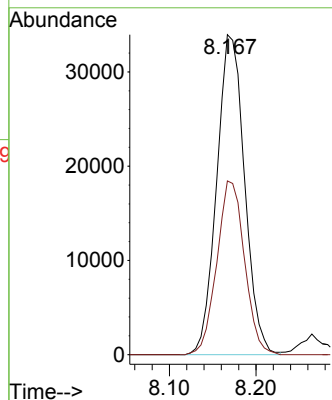
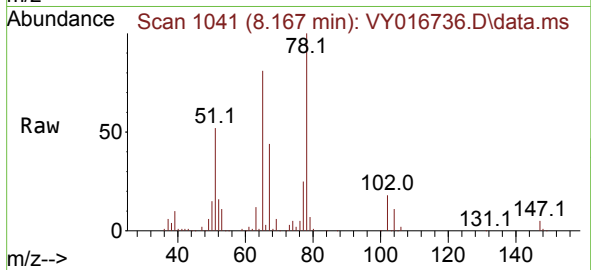




#33
1,2-Dichloroethane-d4
Concen: 54.160 ug/l
RT: 8.167 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

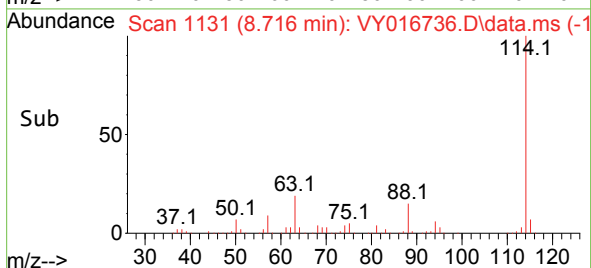
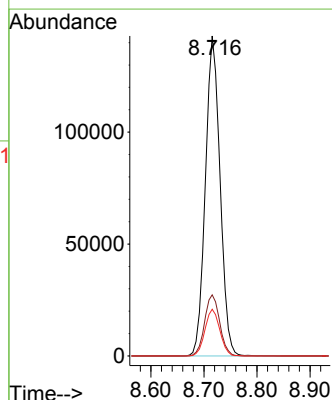
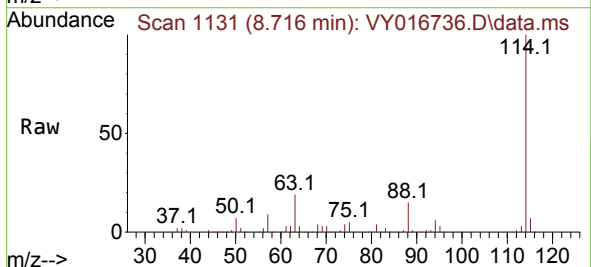
Instrument :
MSVOA_Y
ClientSampleId :

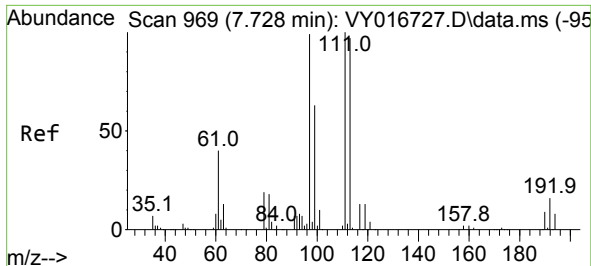
Tgt Ion: 65 Resp: 75889
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

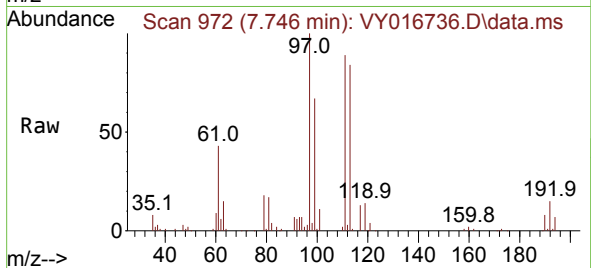
Tgt Ion: 114 Resp: 274747
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.4
88 14.6 0.0 29.0



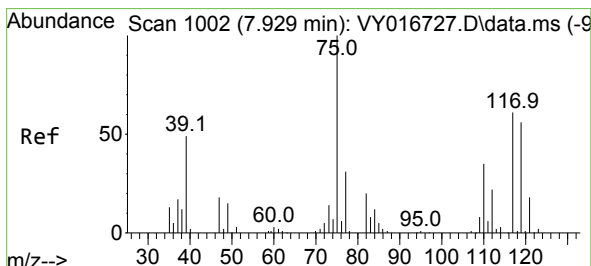
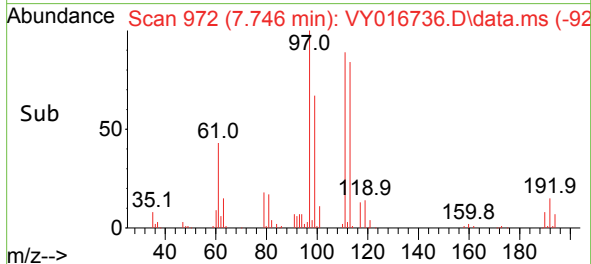
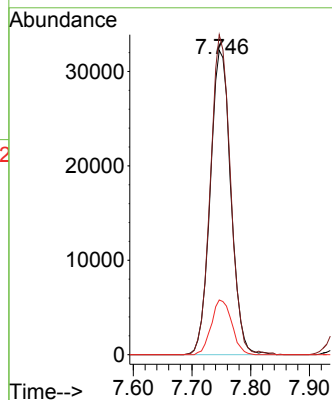


#35
Dibromofluoromethane
Concen: 49.844 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Instrument :
MSVOA_Y
ClientSampleId :

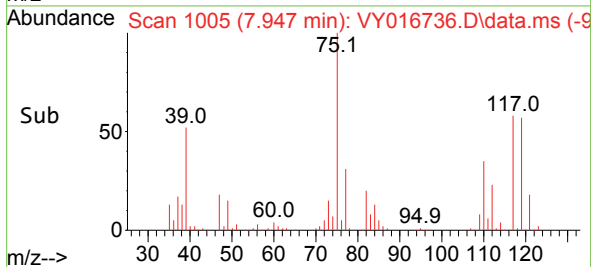
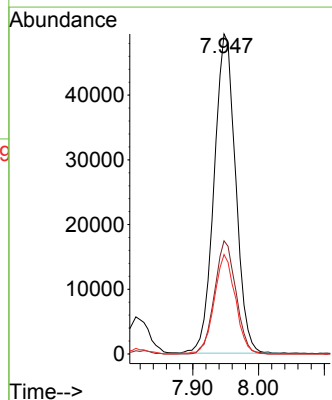
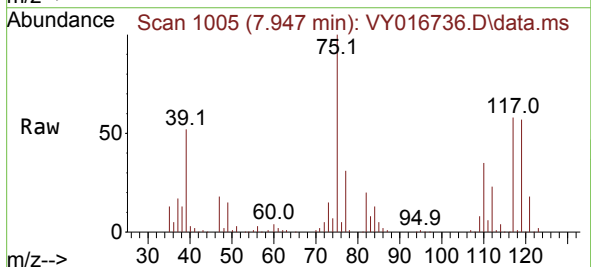


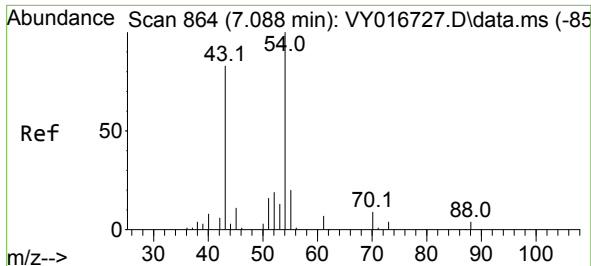
Tgt Ion:113 Resp: 78446
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 17.9 14.5 21.7



#36
1,1-Dichloropropene
Concen: 44.499 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 75 Resp: 112274
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 51.525 ug/l

RT: 7.106 min Scan# 80

Delta R.T. 0.019 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

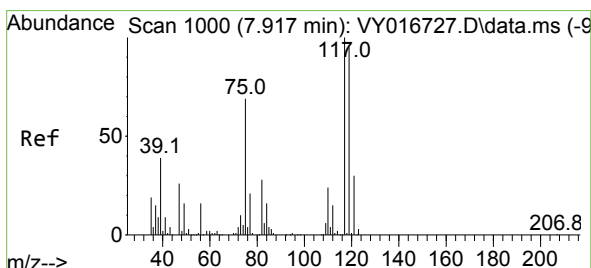
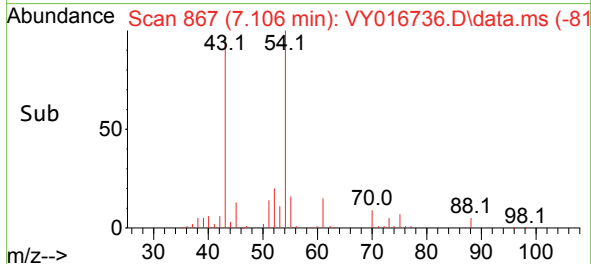
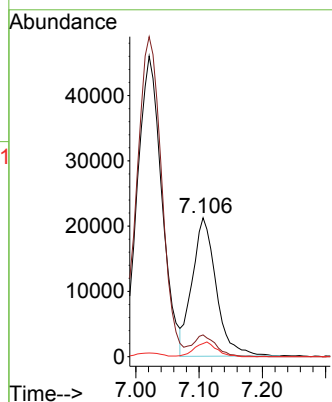
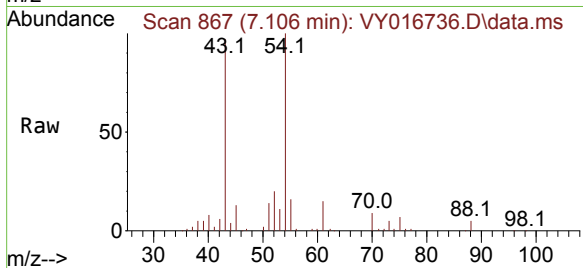
Tgt Ion: 43 Resp: 55722

Ion Ratio Lower Upper

43 100

61 14.4 11.0 16.6

70 9.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 43.288 ug/l

RT: 7.935 min Scan# 1003

Delta R.T. 0.019 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

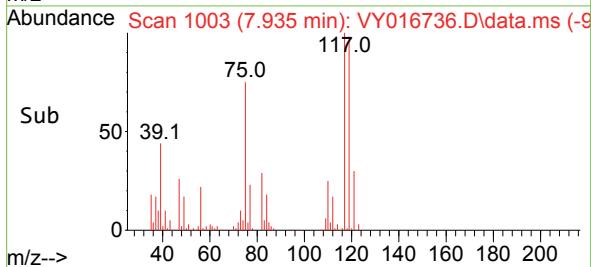
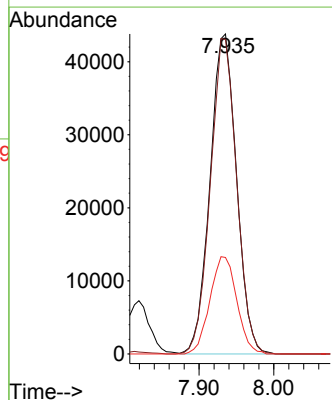
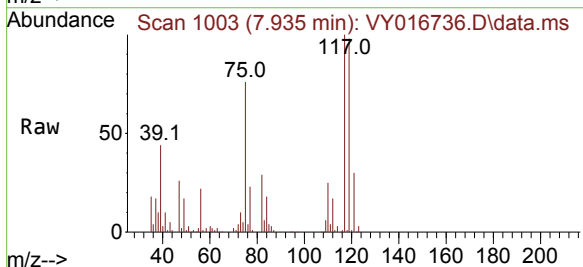
Tgt Ion: 117 Resp: 108077

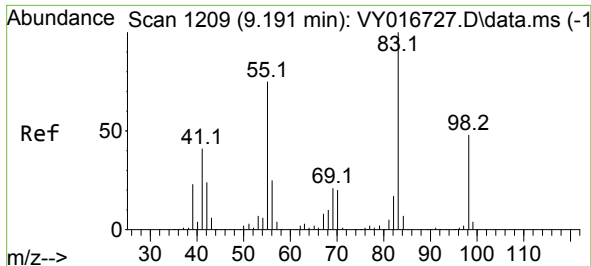
Ion Ratio Lower Upper

117 100

119 98.3 76.0 114.0

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 44.420 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

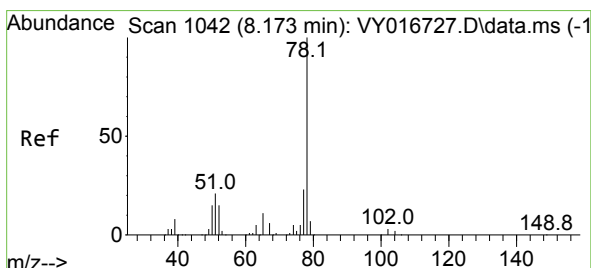
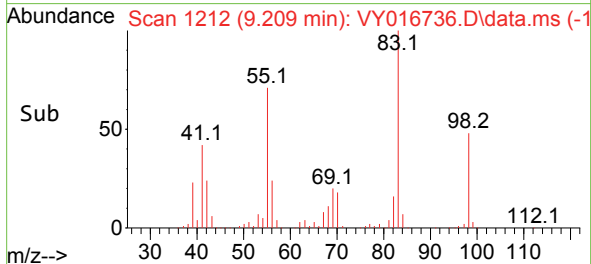
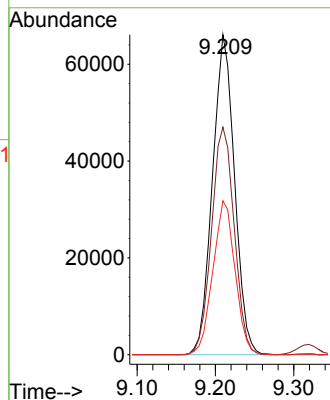
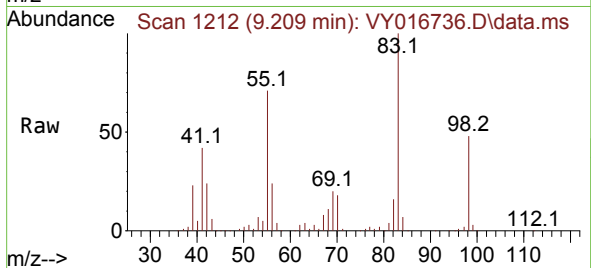
Tgt Ion: 83 Resp: 129399

Ion Ratio Lower Upper

83 100

55 71.1 59.7 89.5

98 48.1 38.0 57.0



#40

Benzene

Concen: 47.454 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.019 min

Lab File: VY016736.D

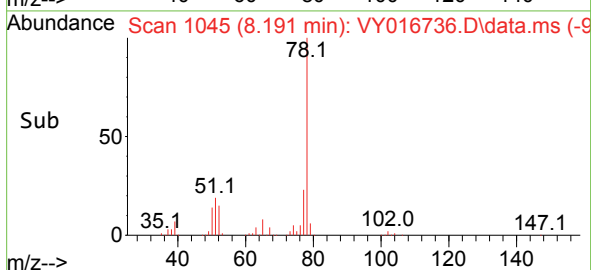
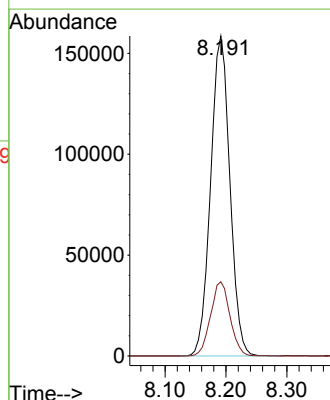
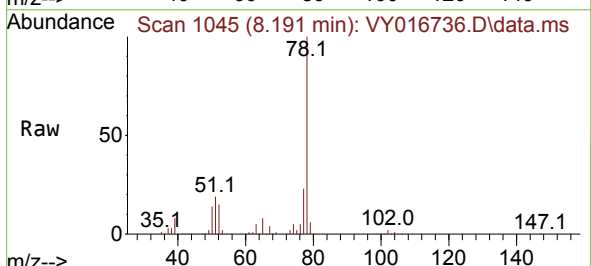
Acq: 21 Dec 2023 03:01

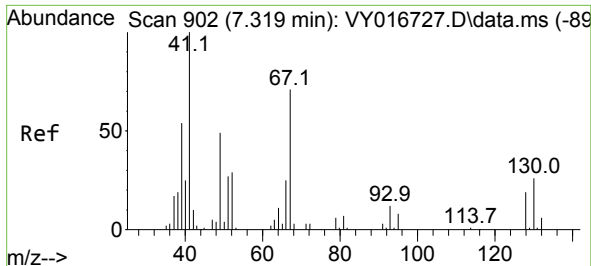
Tgt Ion: 78 Resp: 348418

Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2



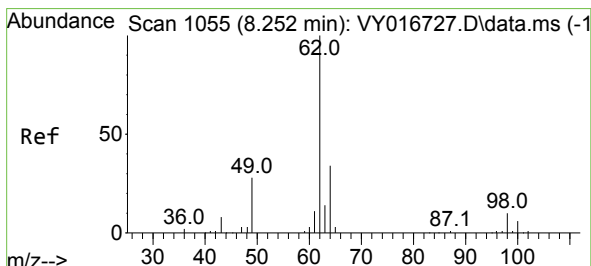
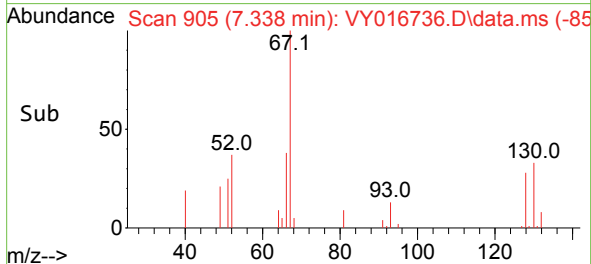
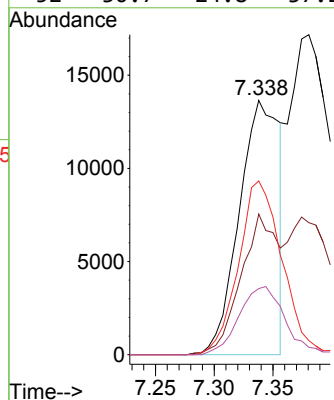
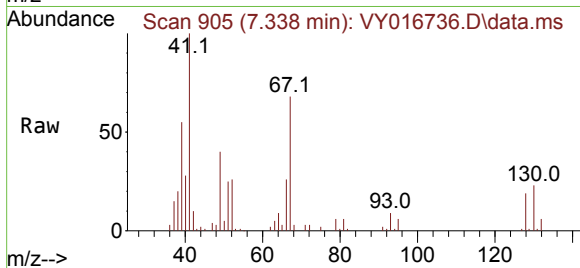


#41
Methacrylonitrile
Concen: 56.501 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 32442

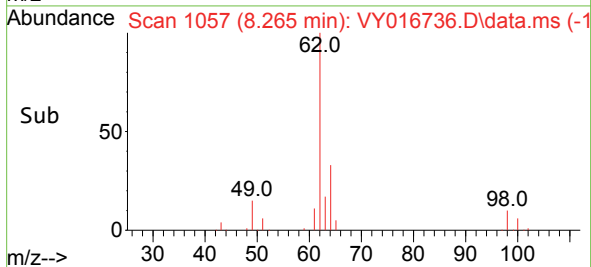
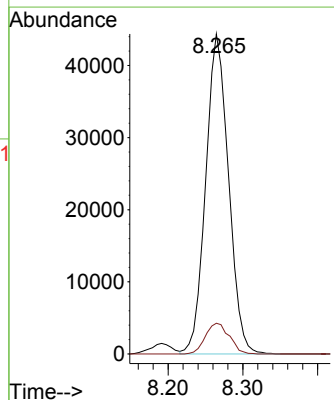
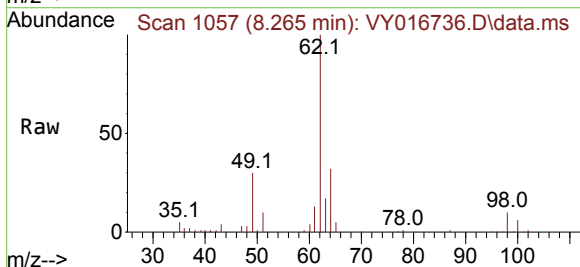
Ion	Ratio	Lower	Upper
41	100		
39	50.7	41.9	62.9
67	74.7	59.8	89.6
52	30.7	24.8	37.2

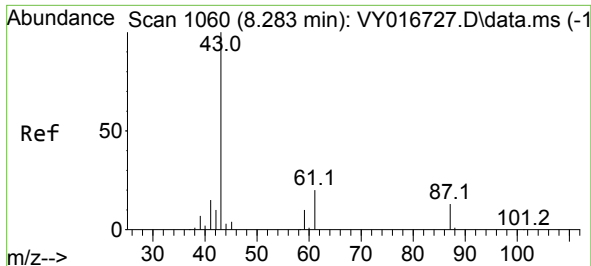


#42
1,2-Dichloroethane
Concen: 49.143 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 62 Resp: 94136

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

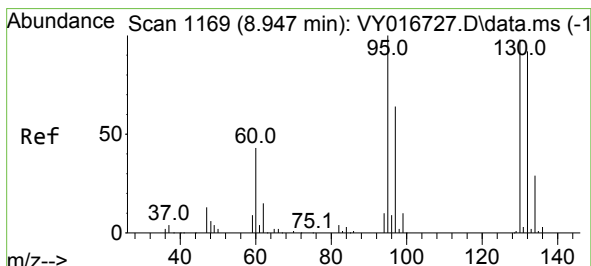
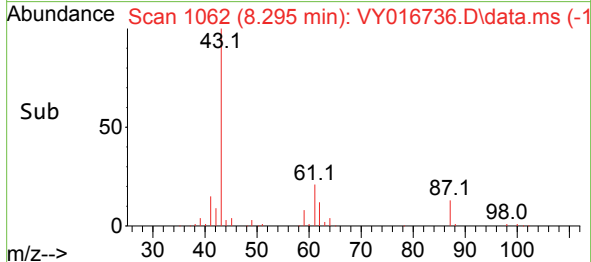
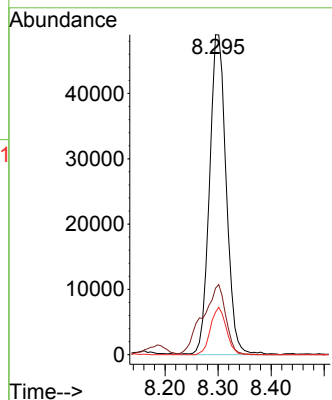
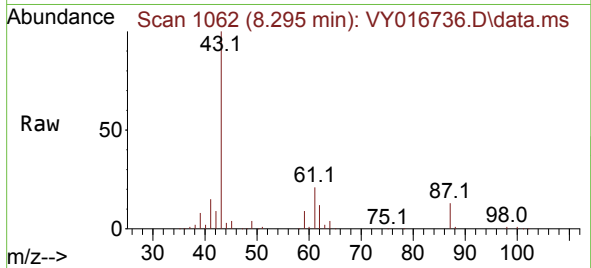




#43
Isopropyl Acetate
Concen: 51.119 ug/l
RT: 8.295 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

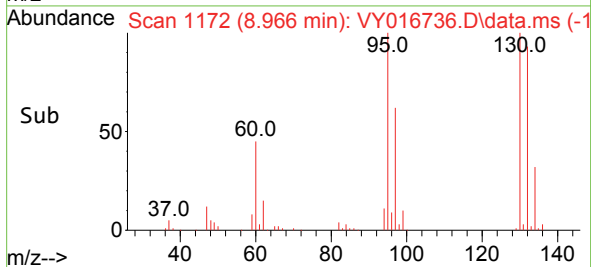
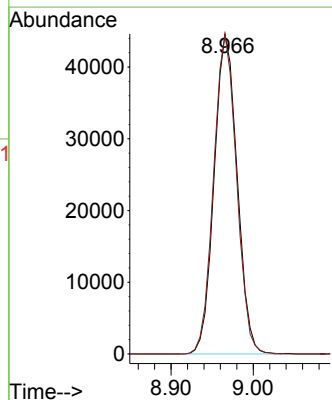
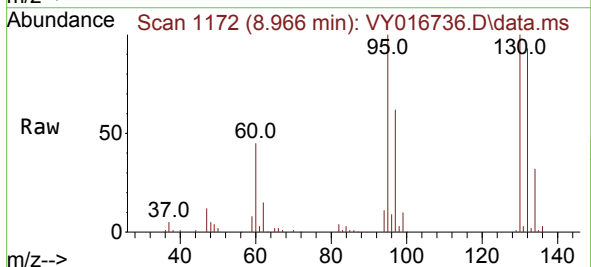
Instrument :
MSVOA_Y
ClientSampleId :

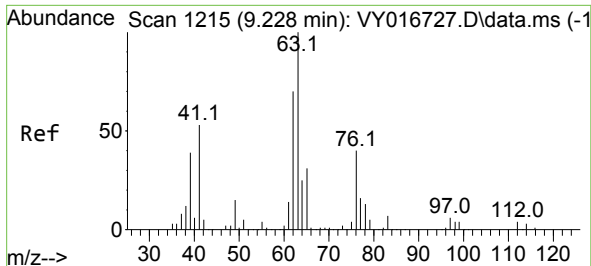
Tgt Ion: 43 Resp: 107372
Ion Ratio Lower Upper
43 100
61 30.4 24.8 37.2
87 13.9 10.7 16.1



#44
Trichloroethene
Concen: 46.213 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion:130 Resp: 86602
Ion Ratio Lower Upper
130 100
95 100.1 0.0 203.8

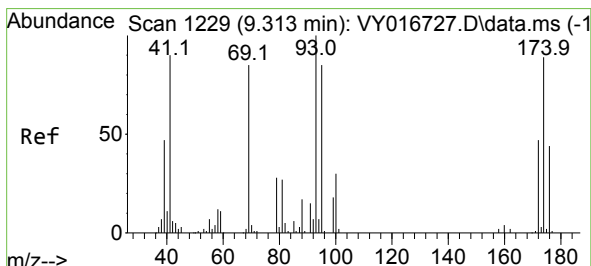
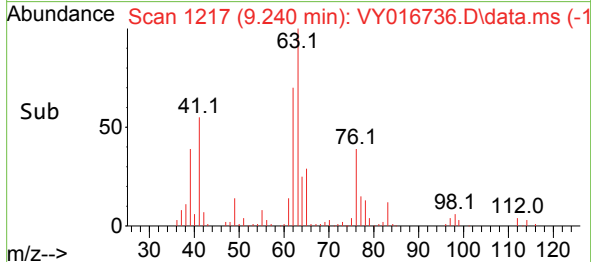
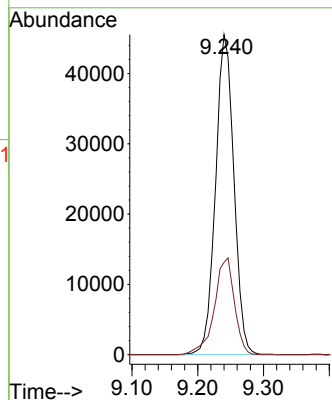
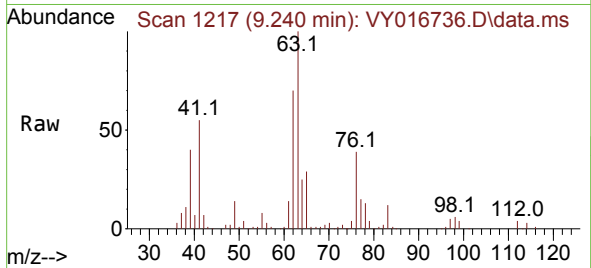




#45
1,2-Dichloropropane
Concen: 48.019 ug/l
RT: 9.240 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

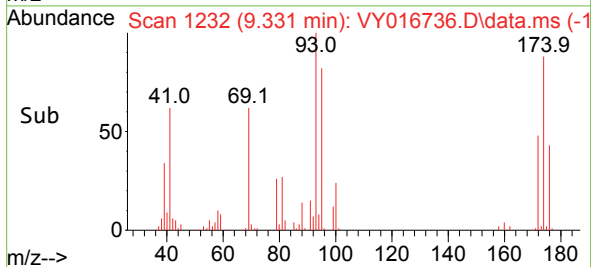
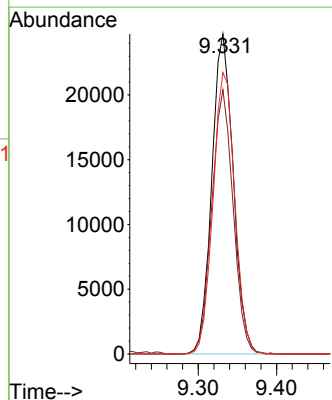
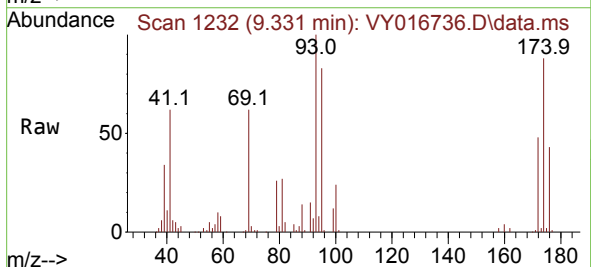
Instrument :
MSVOA_Y
ClientSampleId :

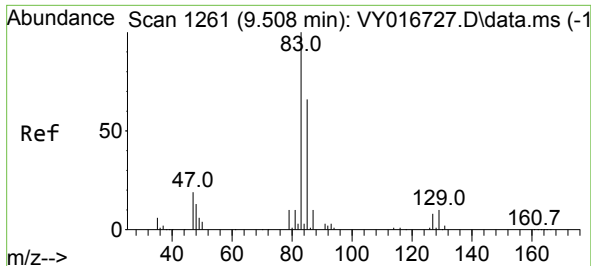
Tgt Ion: 63 Resp: 88441
Ion Ratio Lower Upper
63 100
65 28.9 24.6 36.8



#46
Dibromomethane
Concen: 49.323 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 93 Resp: 46929
Ion Ratio Lower Upper
93 100
95 82.4 66.6 99.8
174 89.5 73.8 110.6

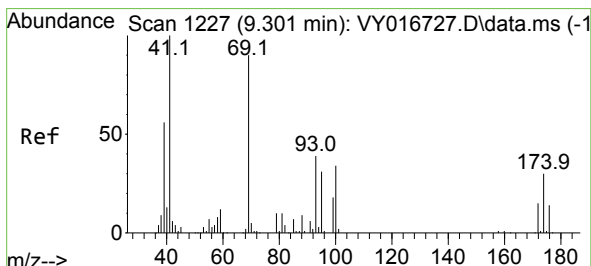
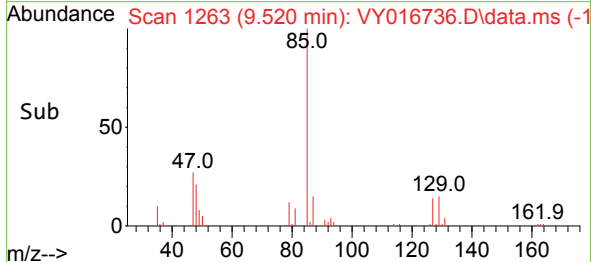
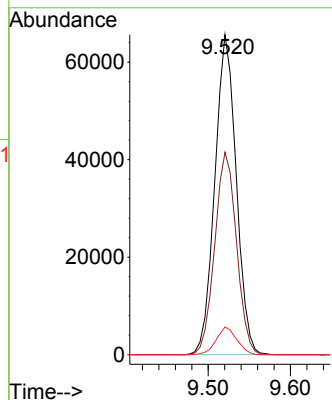
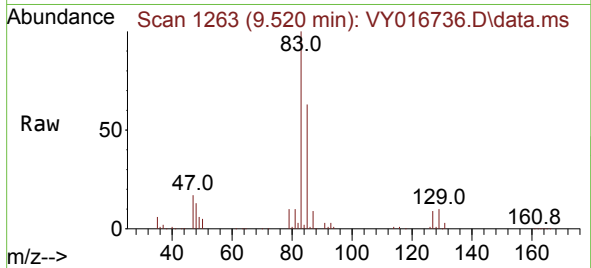




#47
Bromodichloromethane
Concen: 47.343 ug/l
RT: 9.520 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

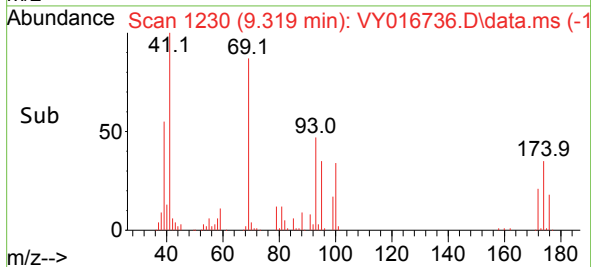
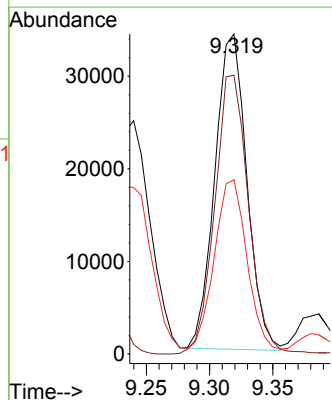
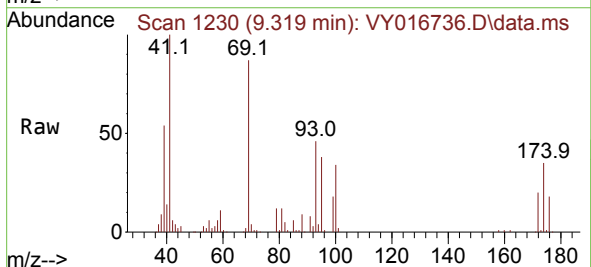
Instrument :
MSVOA_Y
ClientSampleId :

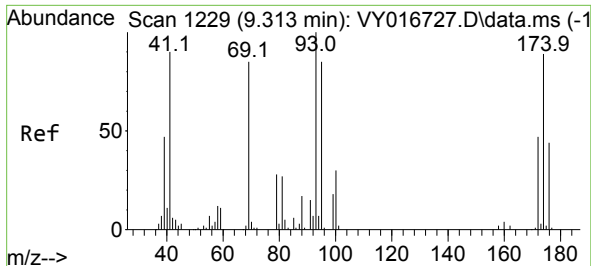
Tgt Ion: 83 Resp: 118726
Ion Ratio Lower Upper
83 100
85 63.3 53.2 79.8
127 8.7 6.4 9.6



#48
Methyl methacrylate
Concen: 51.351 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 41 Resp: 59944
Ion Ratio Lower Upper
41 100
69 93.2 72.1 108.1
39 57.5 42.8 64.2





#49

1,4-Dioxane

Concen: 1045.496 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

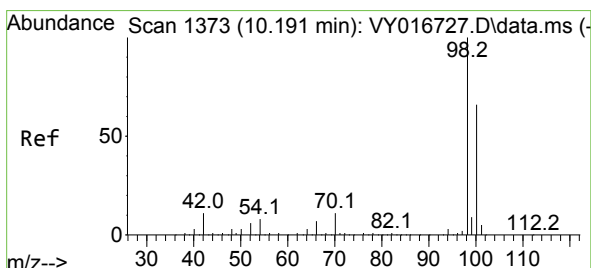
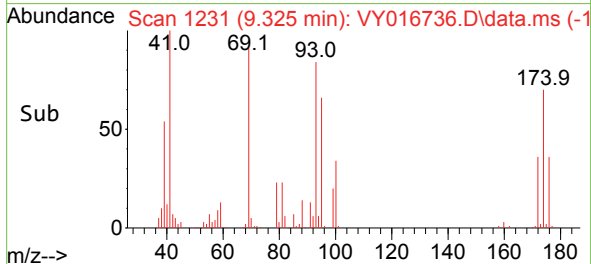
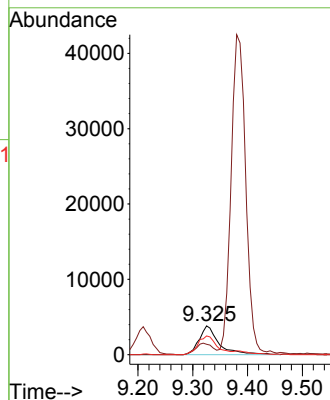
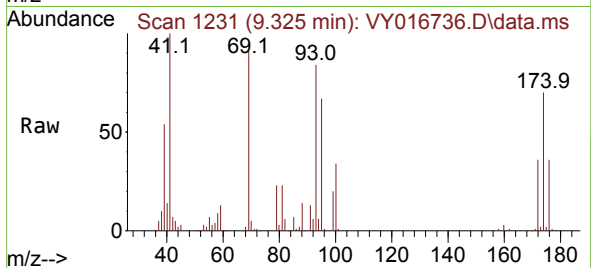
Tgt Ion: 88 Resp: 9655

Ion Ratio Lower Upper

88 100

43 33.7 28.2 42.4

58 63.2 52.2 78.2



#50

Toluene-d8

Concen: 49.246 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016736.D

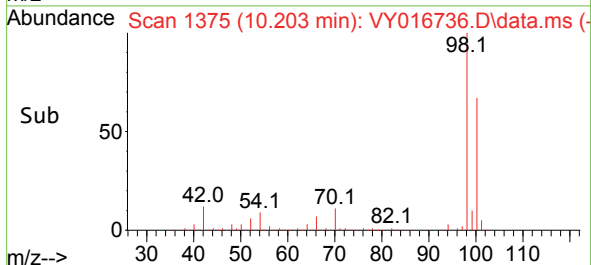
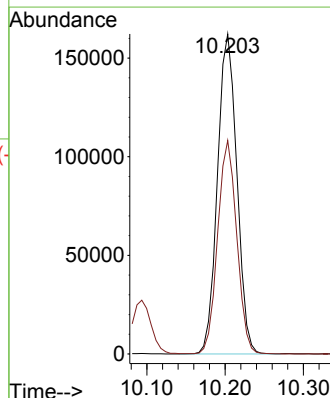
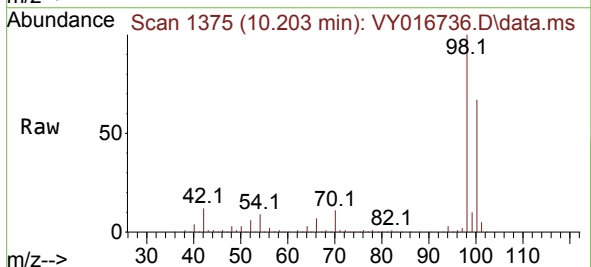
Acq: 21 Dec 2023 03:01

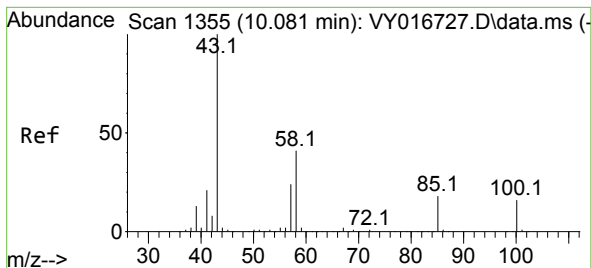
Tgt Ion: 98 Resp: 279394

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5

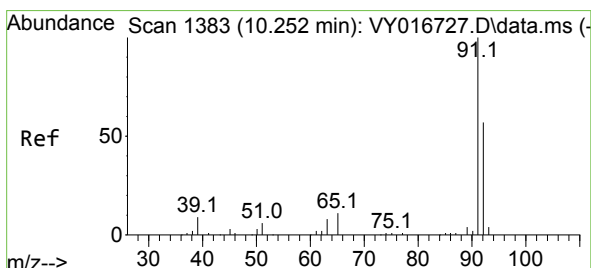
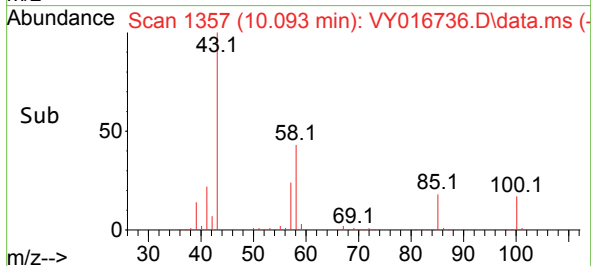
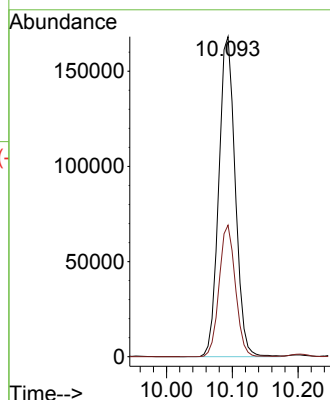
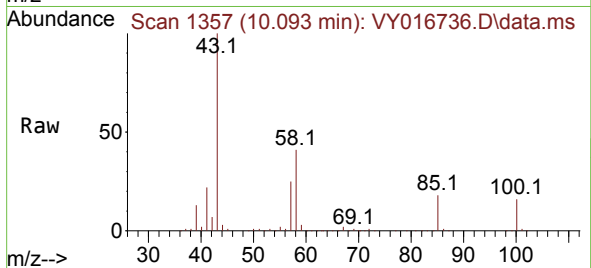




#51
4-Methyl-2-Pentanone
Concen: 261.894 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

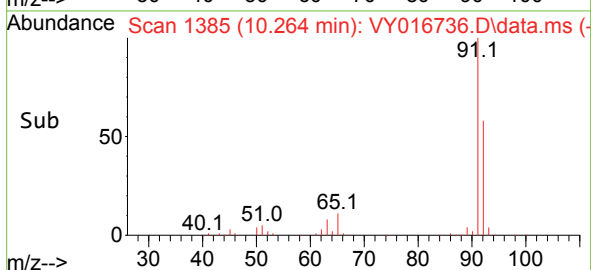
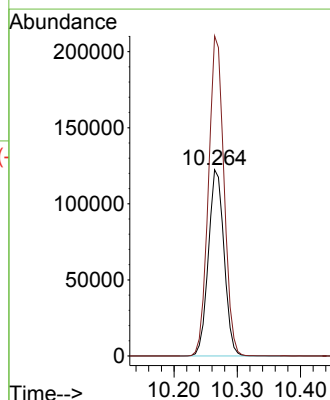
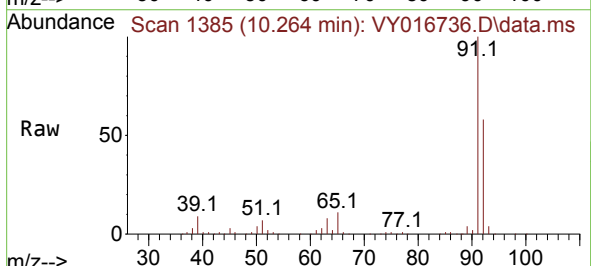
Instrument :
MSVOA_Y
ClientSampleId :

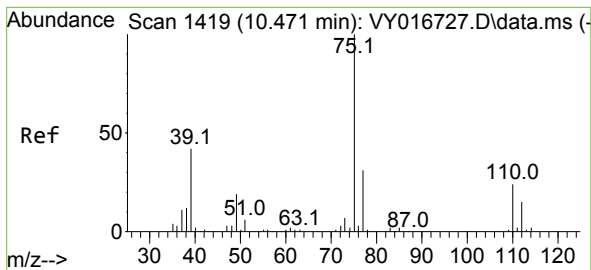
Tgt Ion: 43 Resp: 293092
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.2



#52
Toluene
Concen: 47.869 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 92 Resp: 210623
Ion Ratio Lower Upper
92 100
91 170.3 137.6 206.4

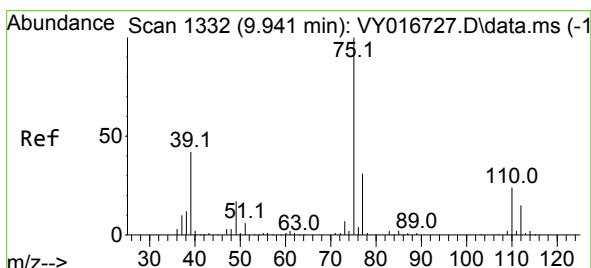
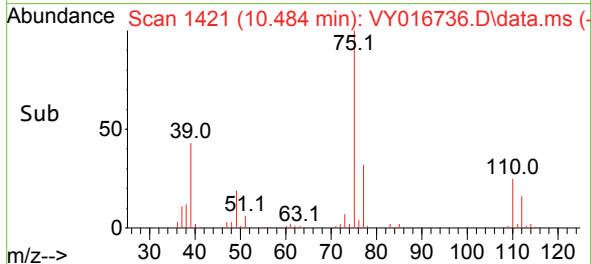
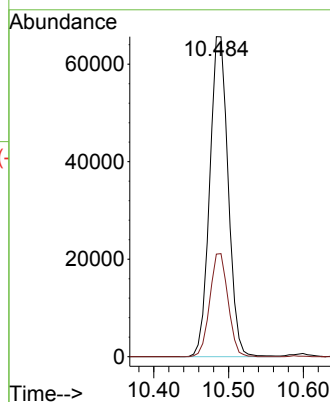
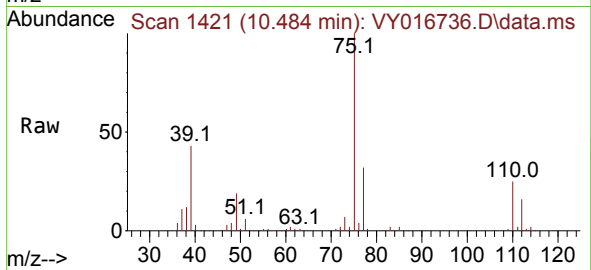




#53
t-1,3-Dichloropropene
Concen: 49.192 ug/l
RT: 10.484 min Scan# 1419
Delta R.T. 0.013 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

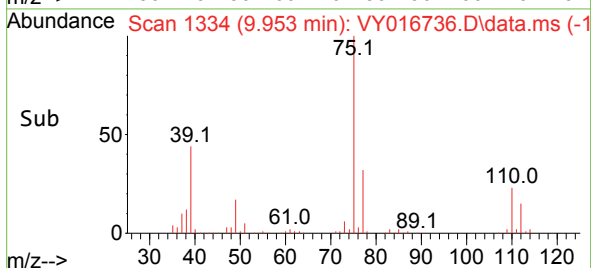
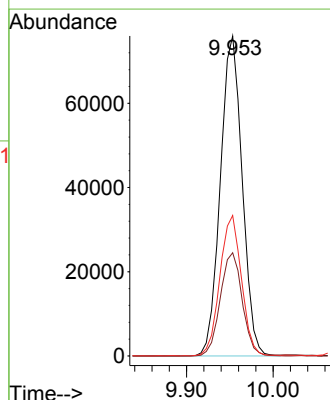
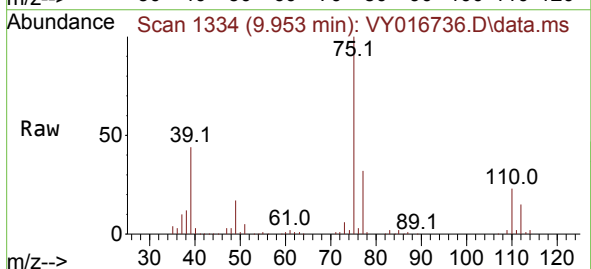
Instrument :
MSVOA_Y
ClientSampleId :

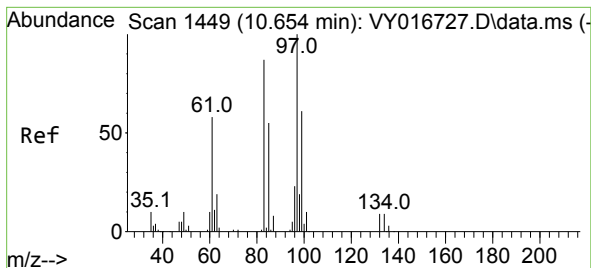
Tgt Ion: 75 Resp: 112486
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 48.269 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 75 Resp: 133135
Ion Ratio Lower Upper
75 100
77 32.2 24.6 36.8
39 43.9 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 48.407 ug/l

RT: 10.667 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 65713

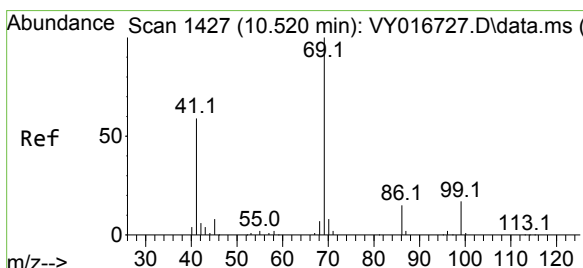
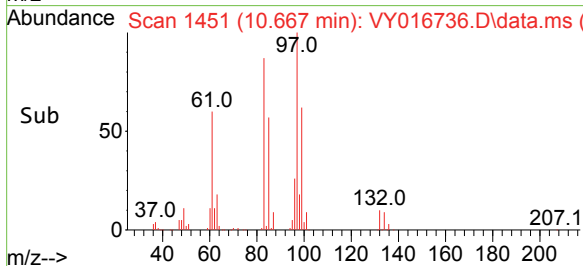
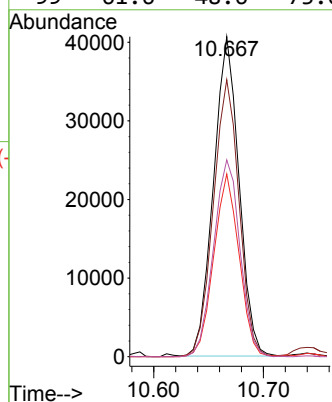
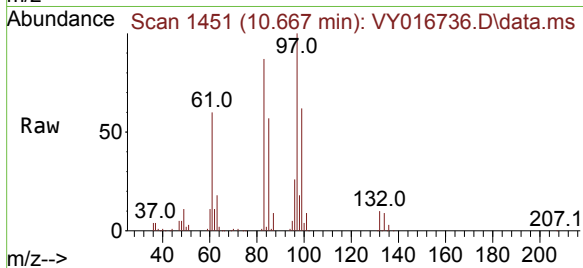
Ion Ratio Lower Upper

97 100

83 86.5 69.4 104.2

85 57.2 43.9 65.9

99 61.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 53.022 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

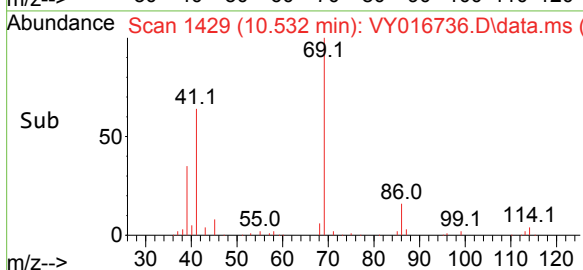
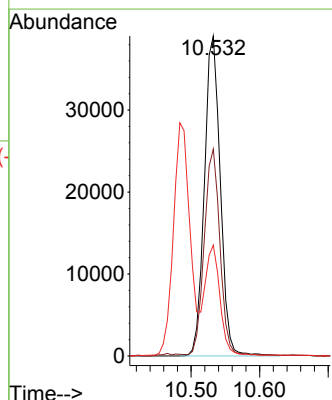
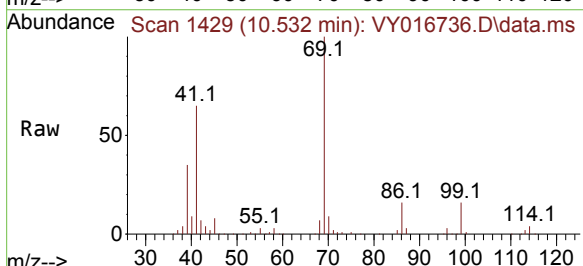
Tgt Ion: 69 Resp: 63293

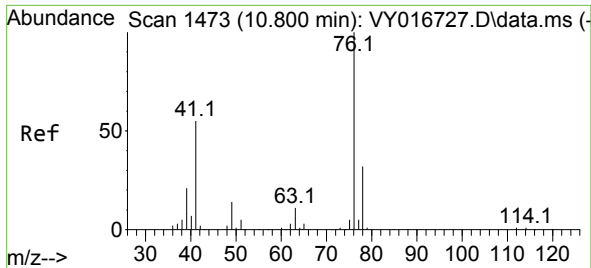
Ion Ratio Lower Upper

69 100

41 63.7 49.2 73.8

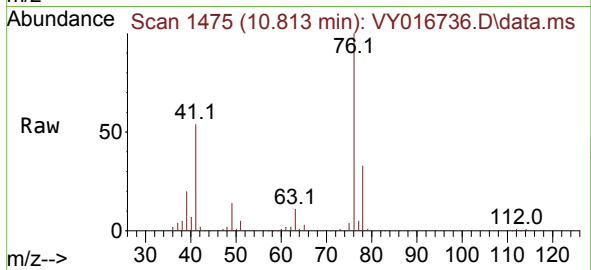
39 30.9 26.8 40.2



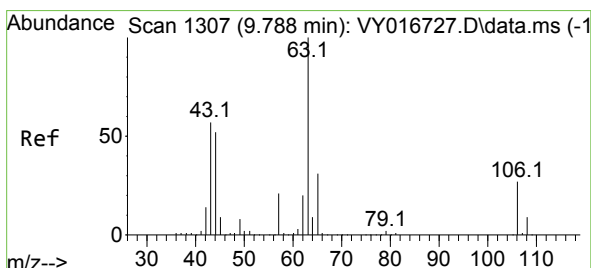
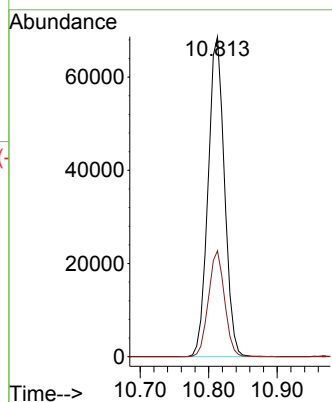
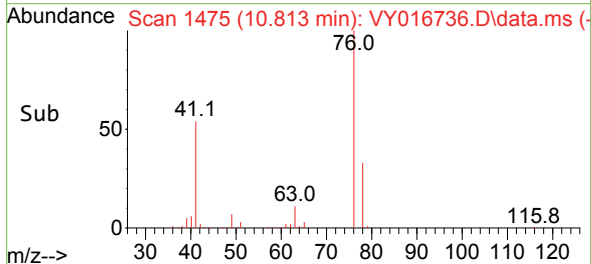


#57
1,3-Dichloropropane
Concen: 49.502 ug/l
RT: 10.813 min Scan# 1473
Delta R.T. 0.013 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Instrument :
MSVOA_Y
ClientSampleId :

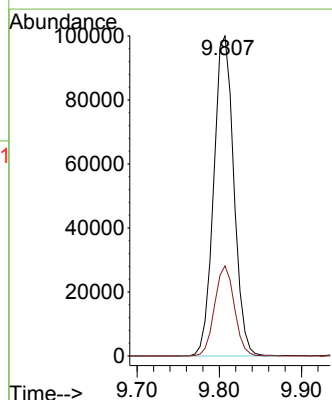
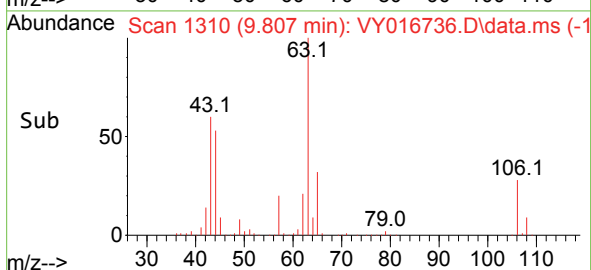
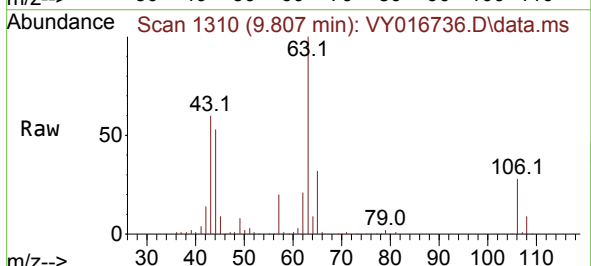


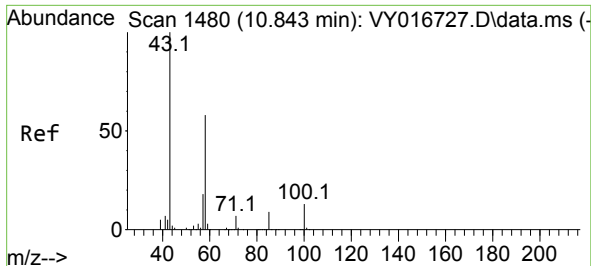
Tgt Ion: 76 Resp: 114140
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 263.517 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 63 Resp: 169221
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6

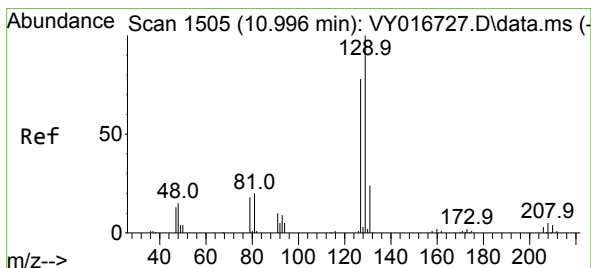
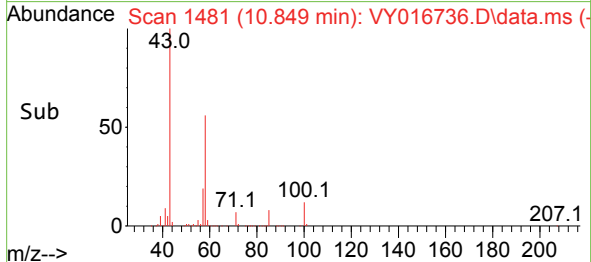
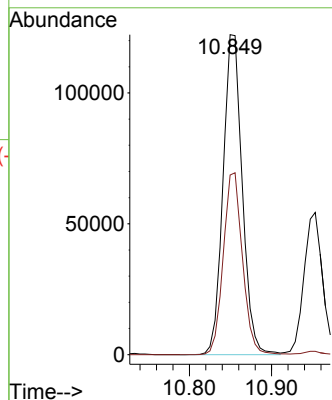
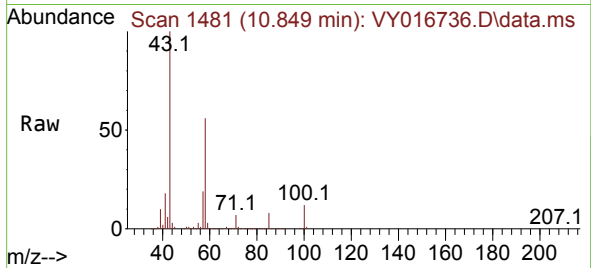




#59
2-Hexanone
Concen: 238.071 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

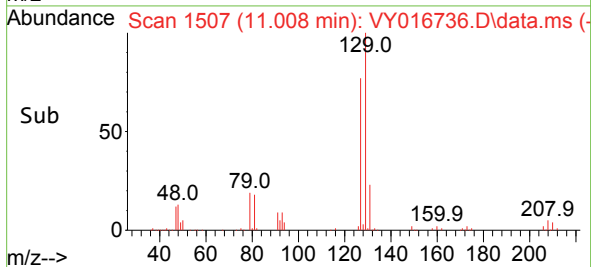
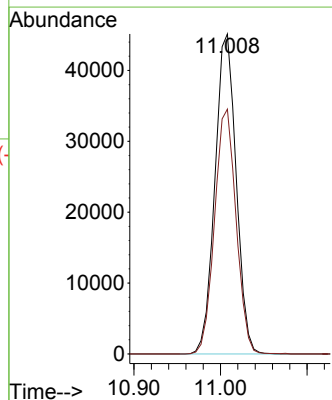
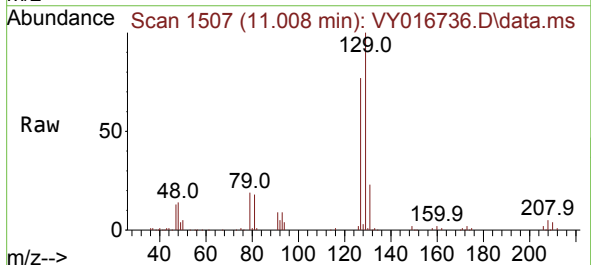
Instrument :
MSVOA_Y
ClientSampleId :

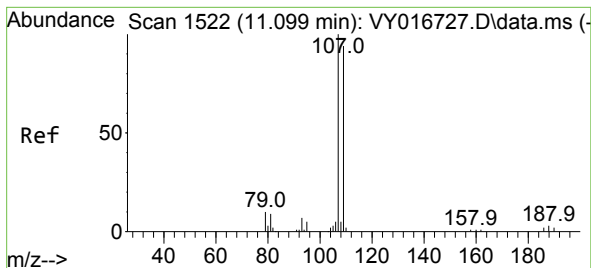
Tgt Ion: 43 Resp: 198666
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3



#60
Dibromochloromethane
Concen: 48.899 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 129 Resp: 76791
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

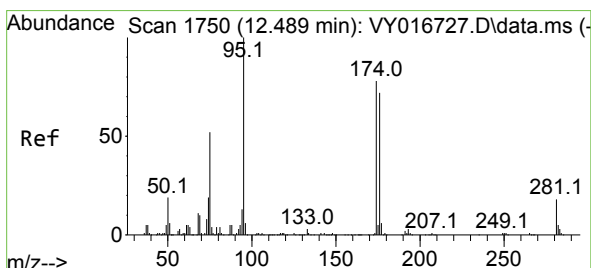
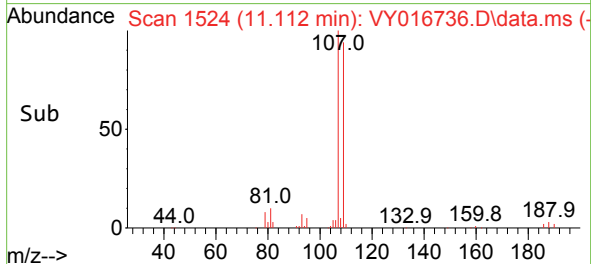
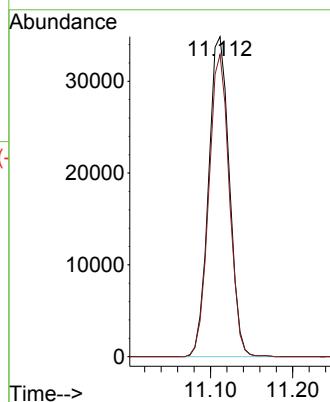
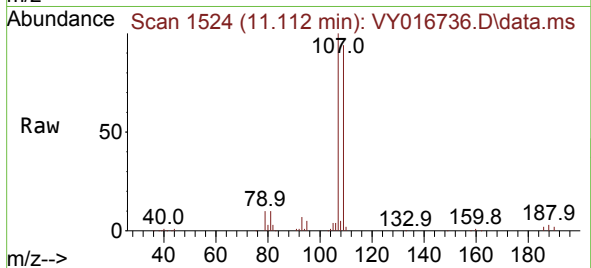




#61
1,2-Dibromoethane
Concen: 50.228 ug/l
RT: 11.112 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

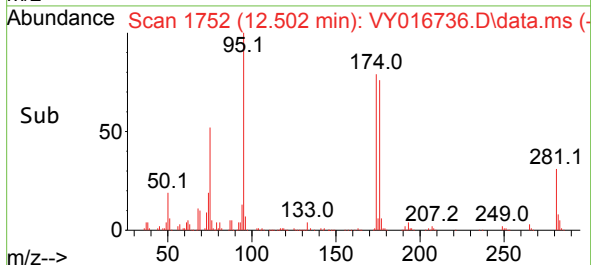
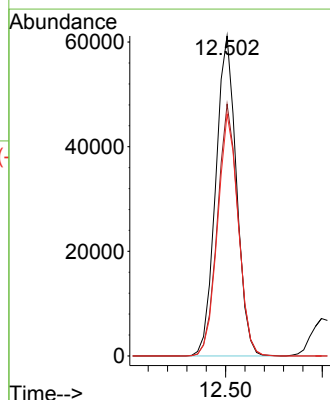
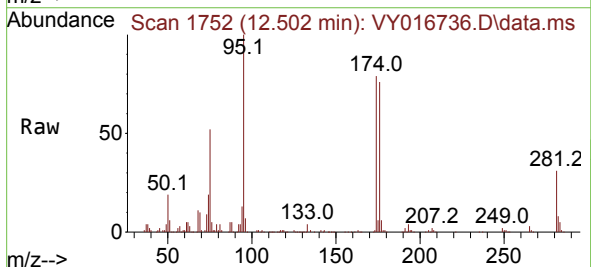
Instrument :
MSVOA_Y
ClientSampleId :

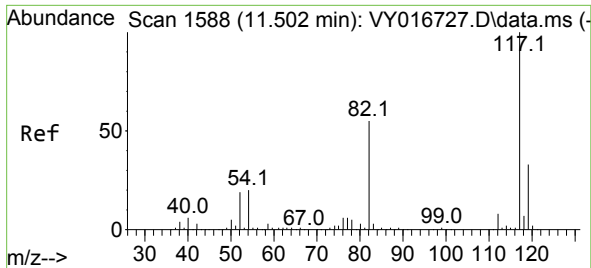
Tgt Ion:107 Resp: 61148
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.375 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 95 Resp: 90881
Ion Ratio Lower Upper
95 100
174 78.1 0.0 160.0
176 75.4 0.0 151.8

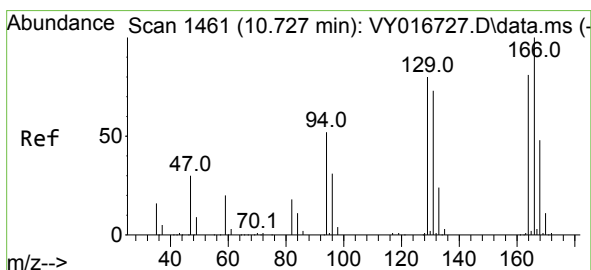
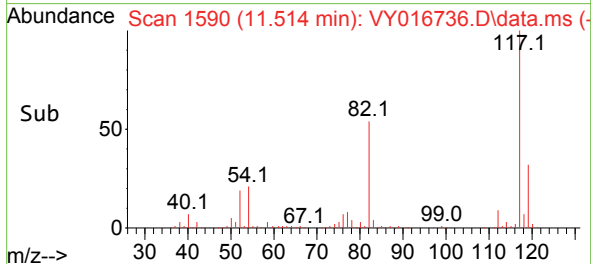
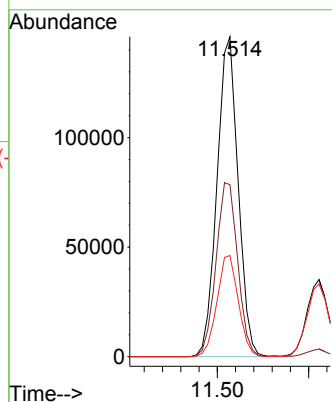
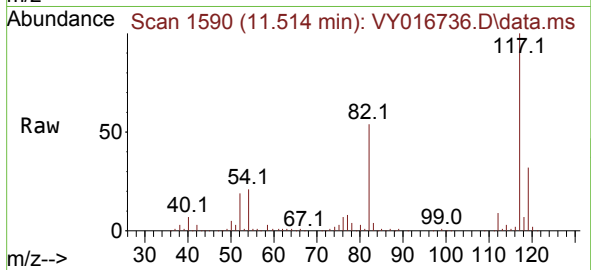




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

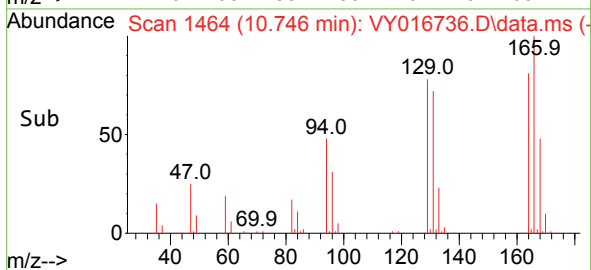
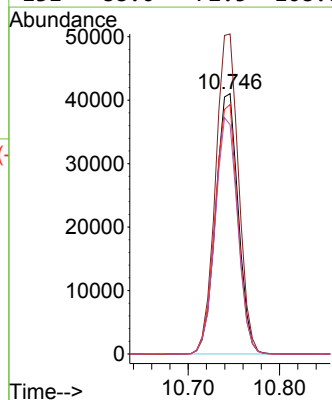
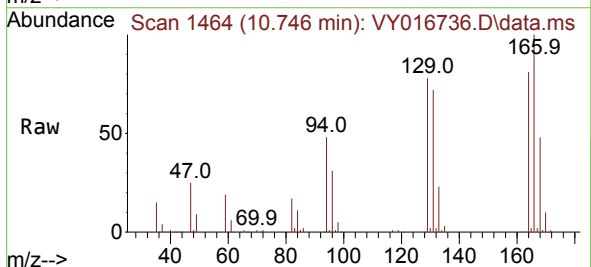
Instrument :
MSVOA_Y
ClientSampleId :

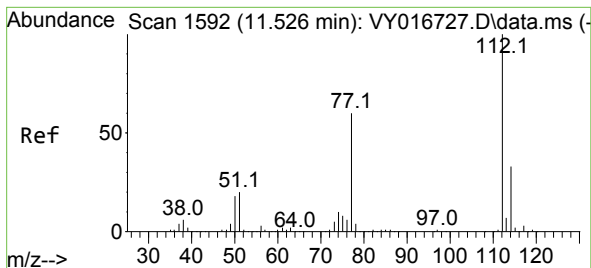
Tgt Ion:117 Resp: 234857
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 31.6 26.5 39.7



#64
Tetrachloroethene
Concen: 48.160 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion:164 Resp: 70262
Ion Ratio Lower Upper
164 100
166 122.9 98.8 148.2
129 95.8 78.9 118.3
131 88.0 72.5 108.7





#65

Chlorobenzene

Concen: 46.814 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

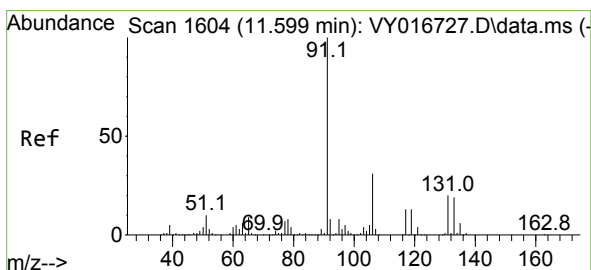
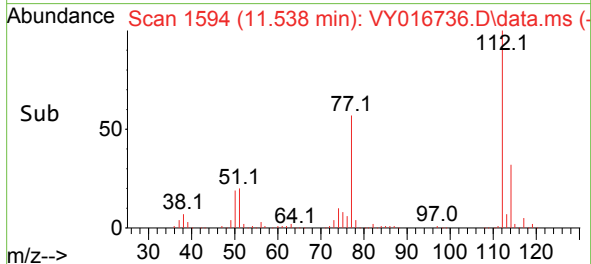
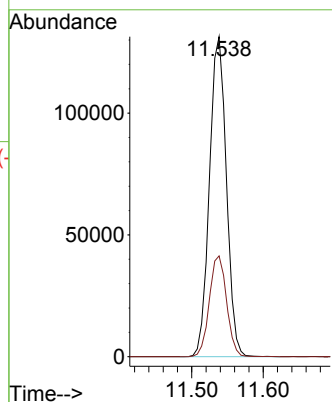
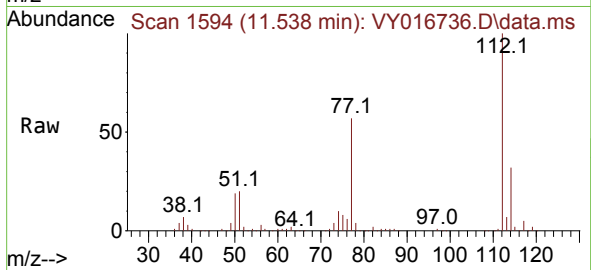
ClientSampleId :

Tgt Ion:112 Resp: 216016

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 47.156 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

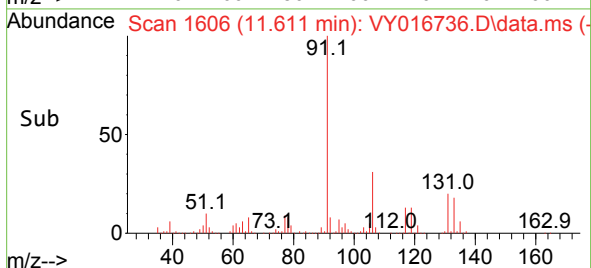
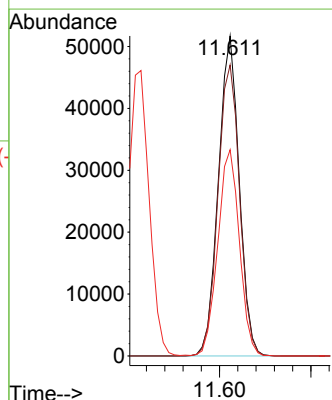
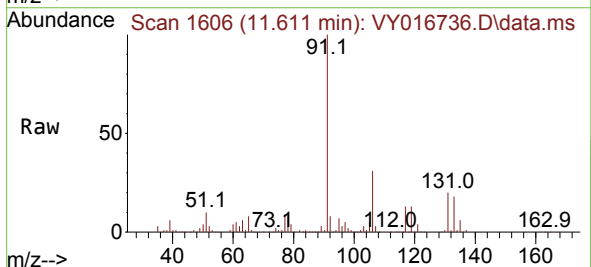
Tgt Ion:131 Resp: 81869

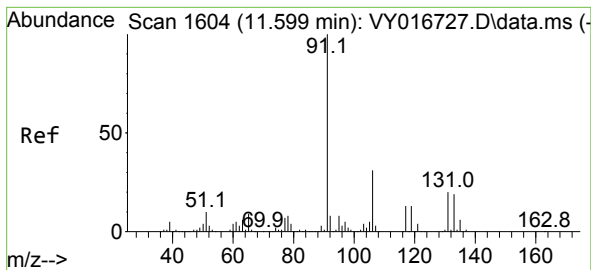
Ion Ratio Lower Upper

131 100

133 94.5 47.0 141.0

119 67.1 33.3 99.9





#67

Ethyl Benzene

Concen: 46.670 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

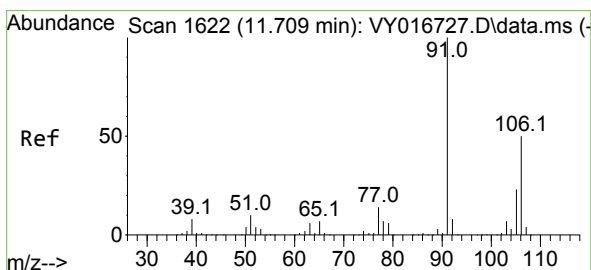
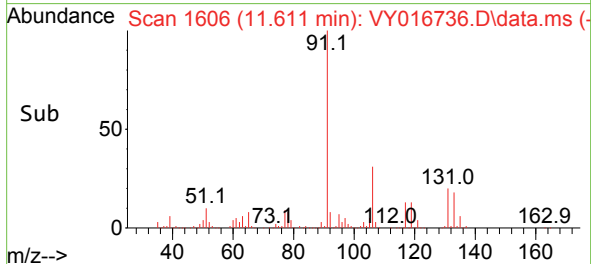
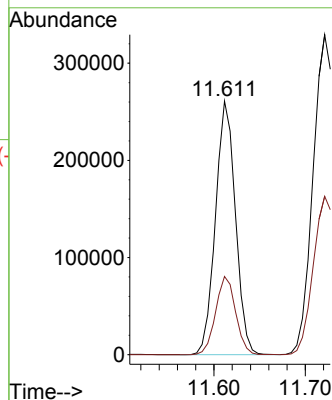
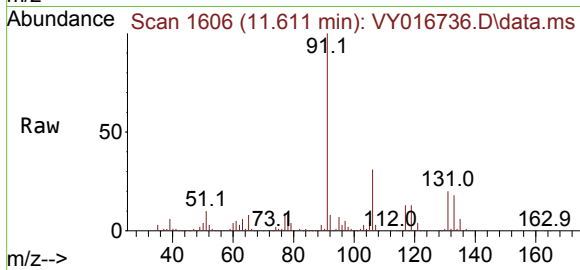
ClientSampleId :

Tgt Ion: 91 Resp: 396369

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 94.517 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016736.D

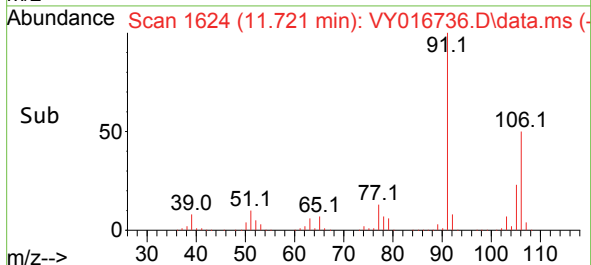
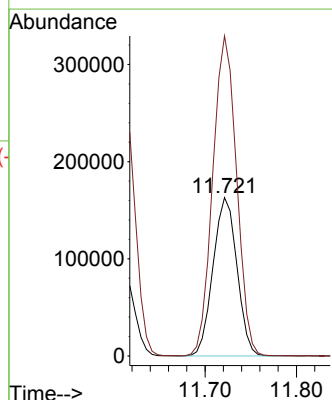
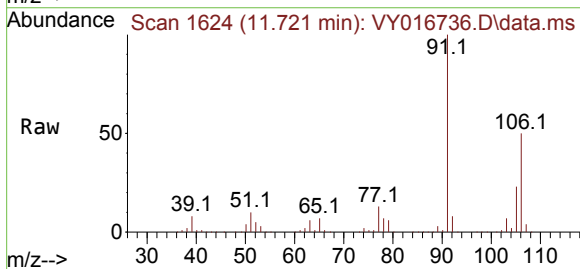
Acq: 21 Dec 2023 03:01

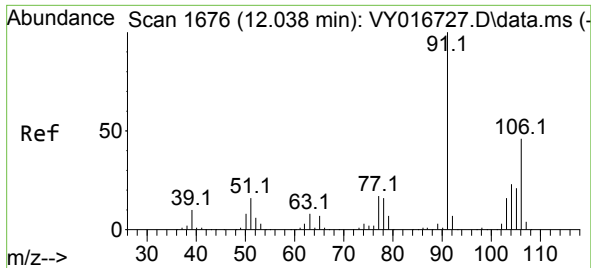
Tgt Ion:106 Resp: 296426

Ion Ratio Lower Upper

106 100

91 201.3 160.7 241.1

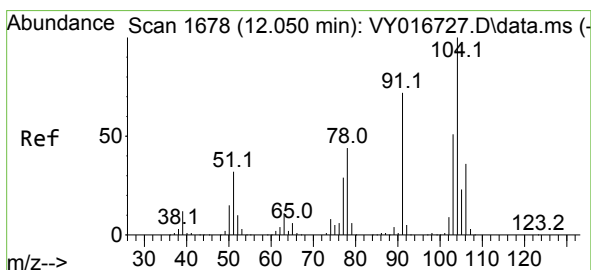
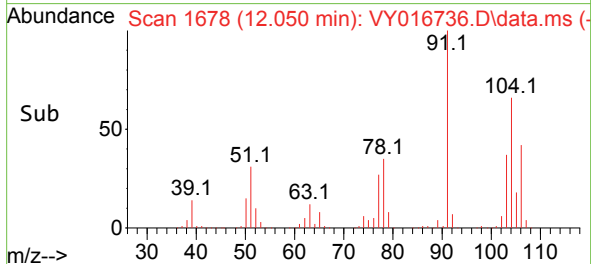
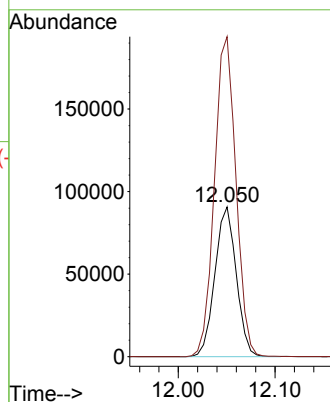
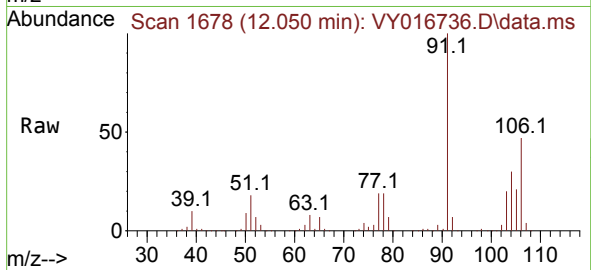




#69
o-Xylene
Concen: 48.363 ug/l
RT: 12.050 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

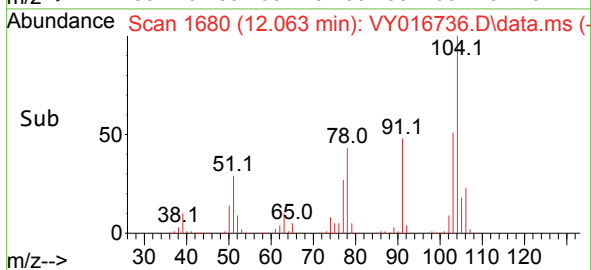
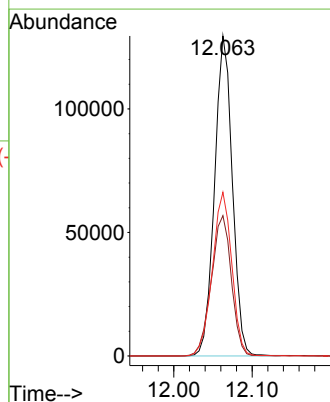
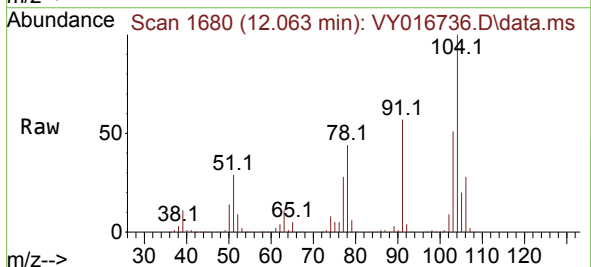
Instrument :
MSVOA_Y
ClientSampleId :

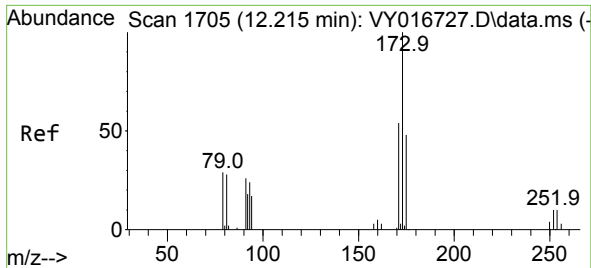
Tgt Ion:106 Resp: 139151
Ion Ratio Lower Upper
106 100
91 214.9 106.5 319.5



#70
Styrene
Concen: 48.136 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

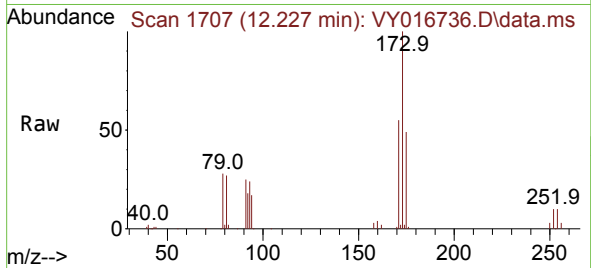
Tgt Ion:104 Resp: 204941
Ion Ratio Lower Upper
104 100
78 49.4 39.2 58.8
103 55.8 43.8 65.6



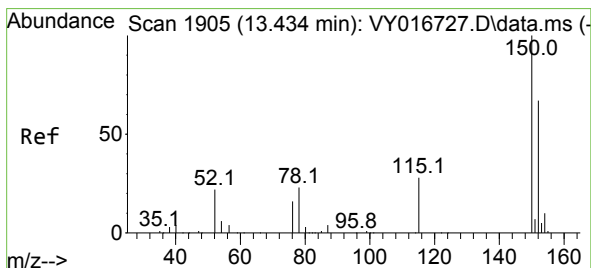
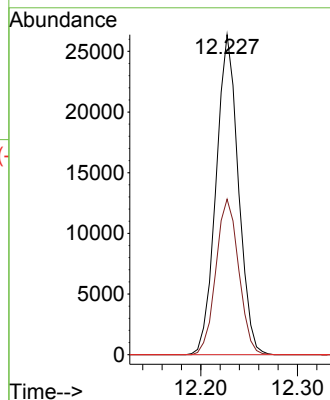
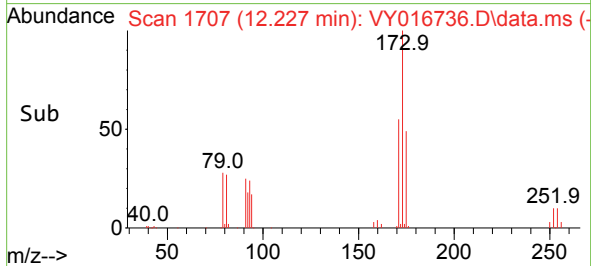


#71
Bromoform
Concen: 48.820 ug/l
RT: 12.227 min Scan# 1707
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

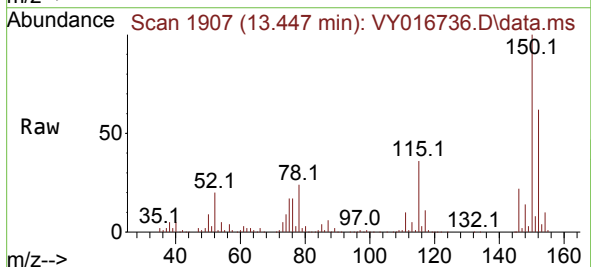
Instrument :
MSVOA_Y
ClientSampleId :



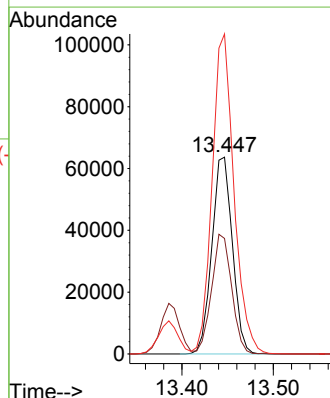
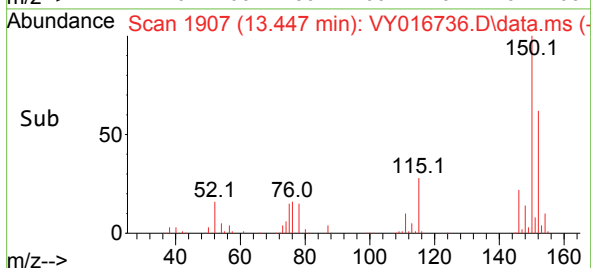
Tgt Ion:173 Resp: 42256
Ion Ratio Lower Upper
173 100
175 49.6 23.5 70.6
254 0.0 0.0 0.0

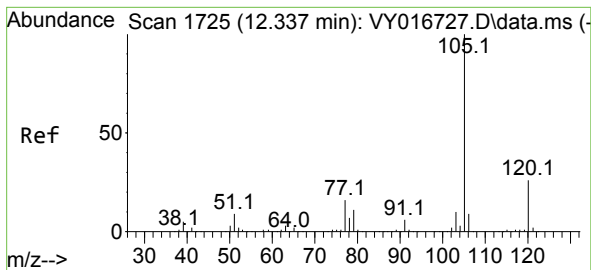


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01



Tgt Ion:152 Resp: 99387
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 172.6 0.0 344.6





#73

Isopropylbenzene

Concen: 47.778 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

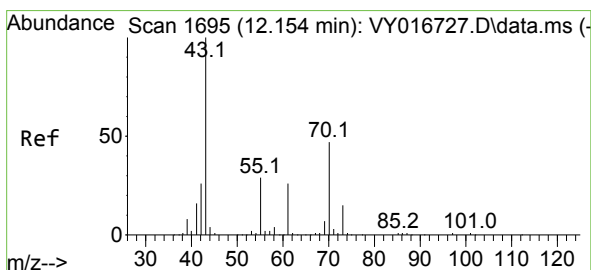
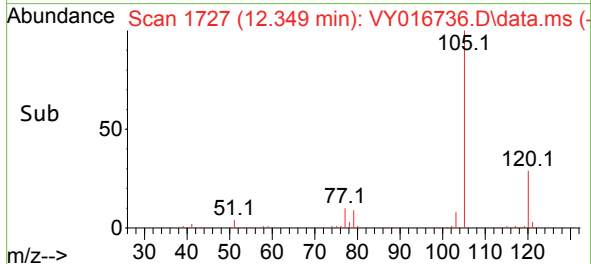
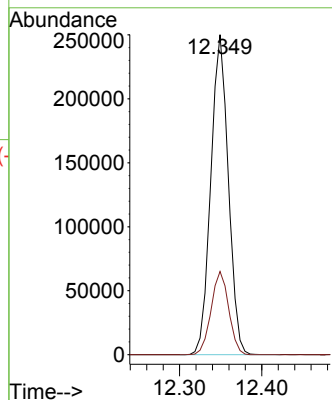
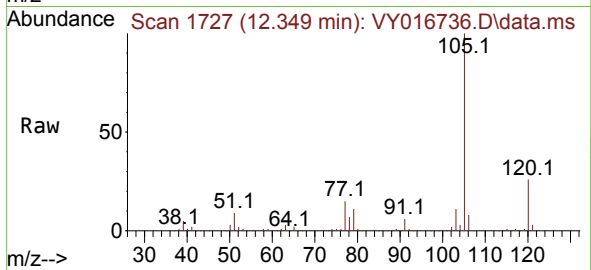
ClientSampleId :

Tgt Ion:105 Resp: 369818

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 51.625 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Tgt Ion: 43 Resp: 83862

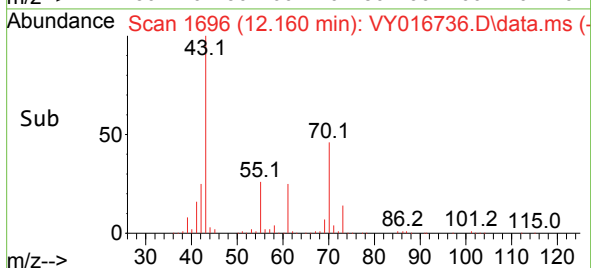
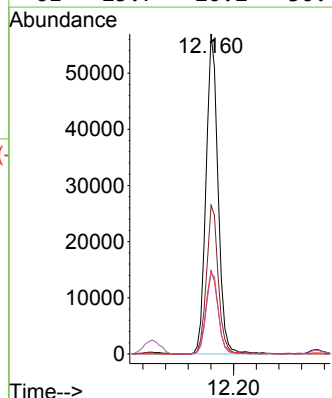
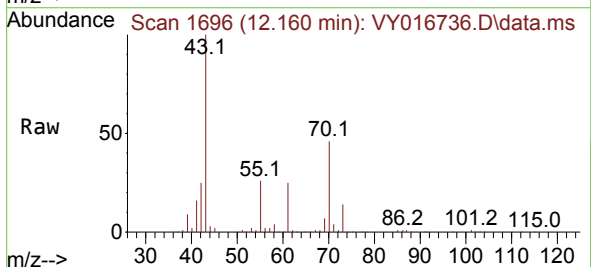
Ion Ratio Lower Upper

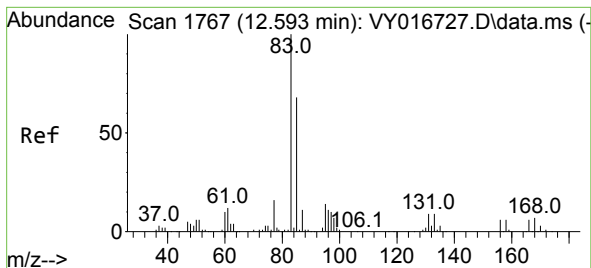
43 100

70 45.8 36.6 55.0

55 26.5 22.2 33.4

61 25.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.483 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

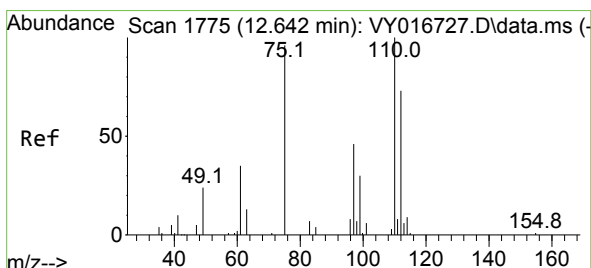
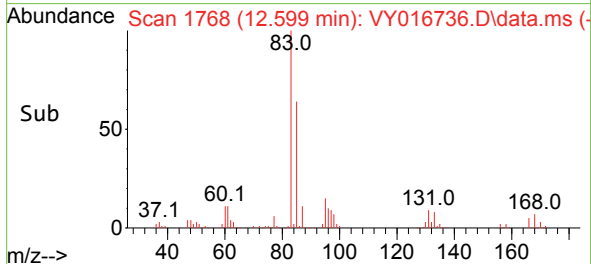
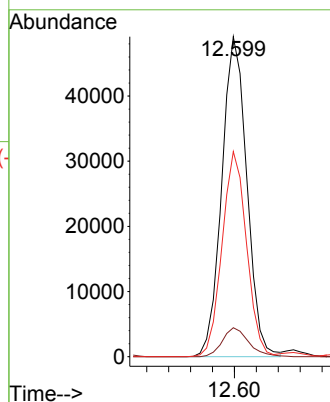
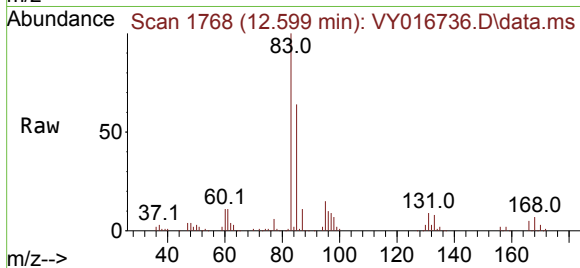
Tgt Ion: 83 Resp: 78086

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 62.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 83.328 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016736.D

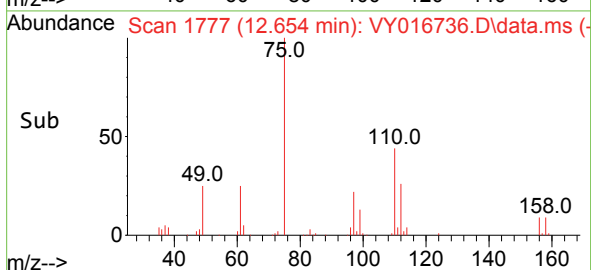
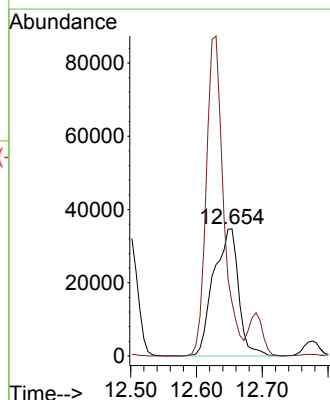
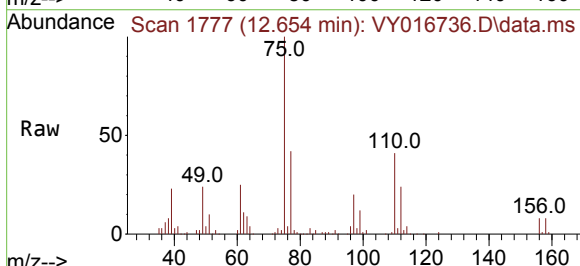
Acq: 21 Dec 2023 03:01

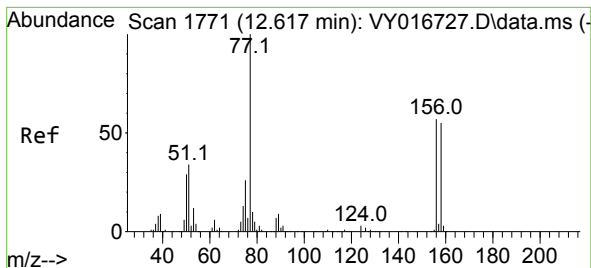
Tgt Ion: 75 Resp: 91550

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.351 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

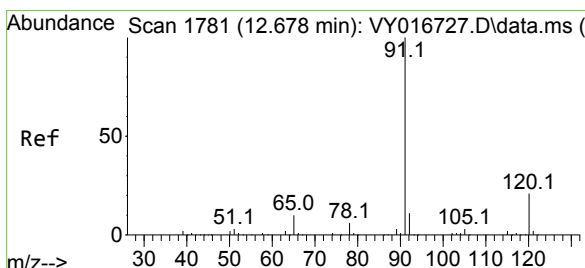
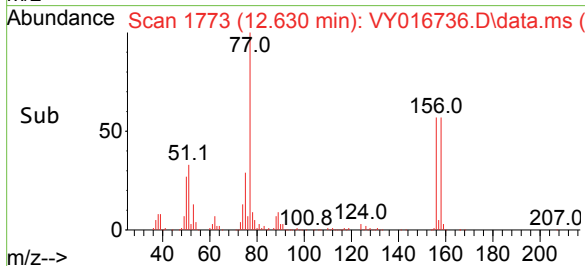
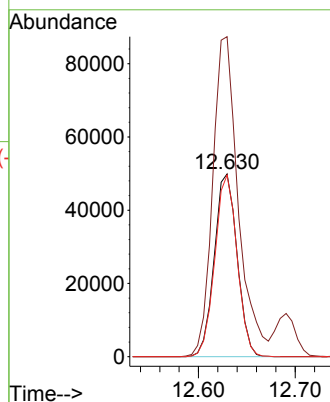
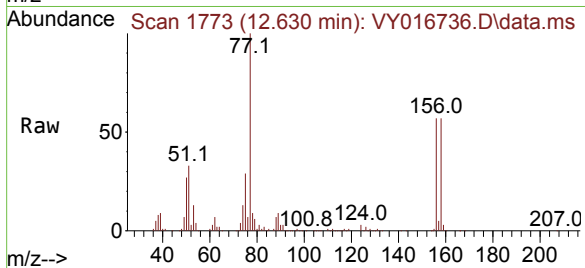
Tgt Ion:156 Resp: 81647

Ion Ratio Lower Upper

156 100

77 196.4 97.3 291.8

158 97.0 48.4 145.0



#78

n-propylbenzene

Concen: 47.201 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016736.D

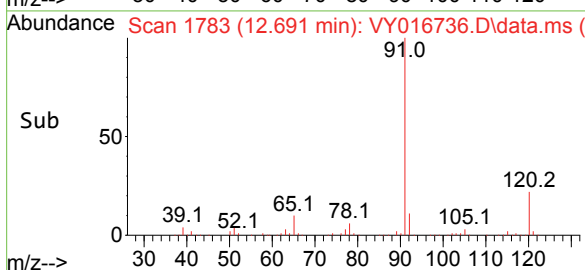
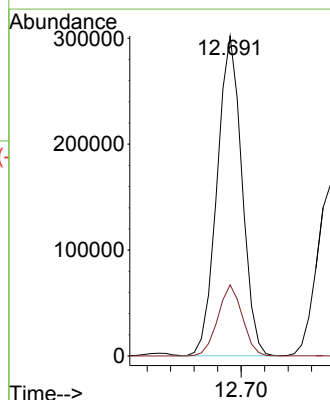
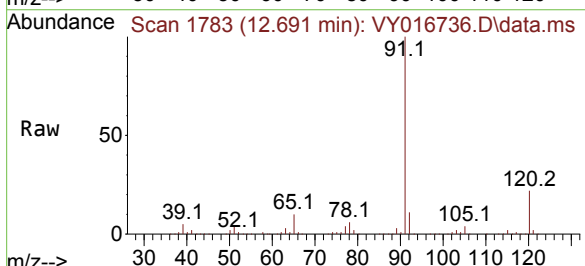
Acq: 21 Dec 2023 03:01

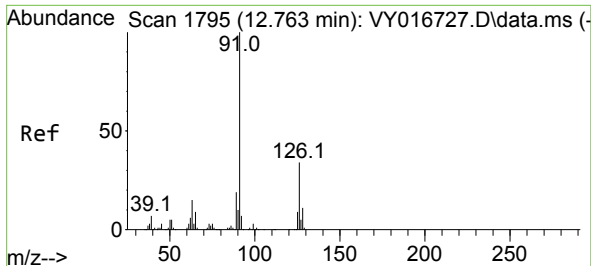
Tgt Ion: 91 Resp: 442658

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0

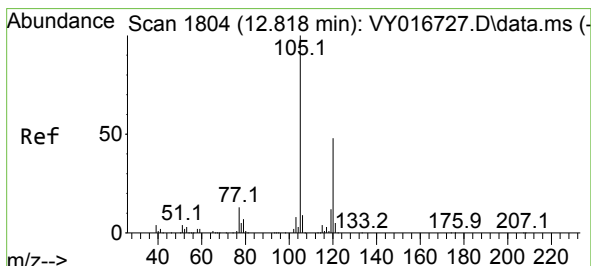
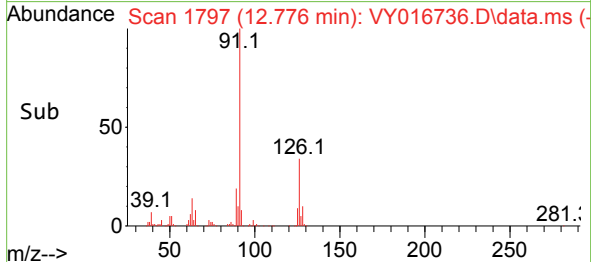
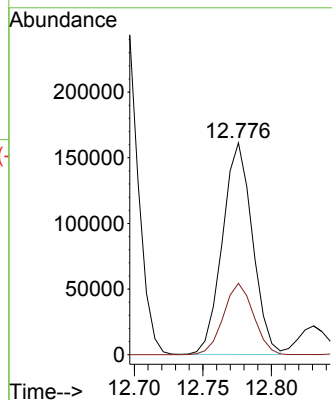
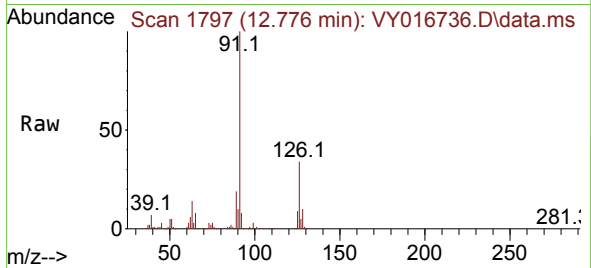




#79
2-Chlorotoluene
Concen: 47.453 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

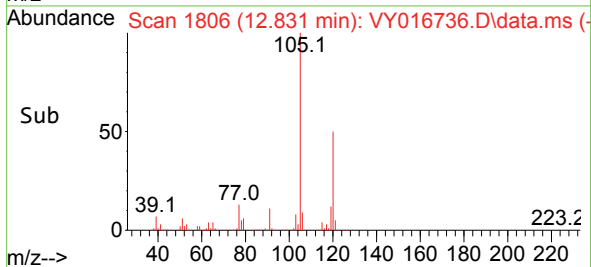
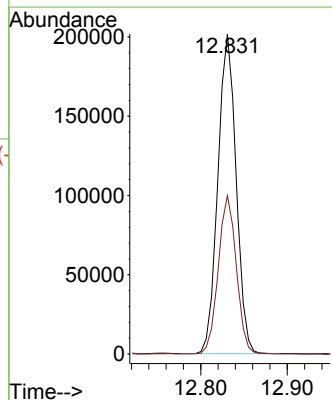
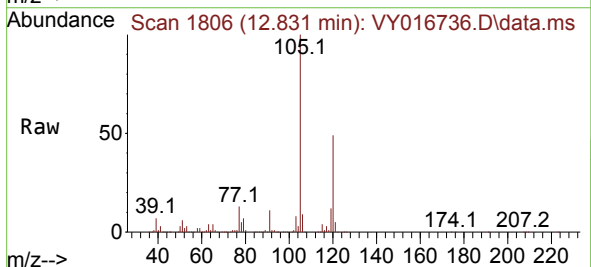
Instrument :
MSVOA_Y
ClientSampleId :

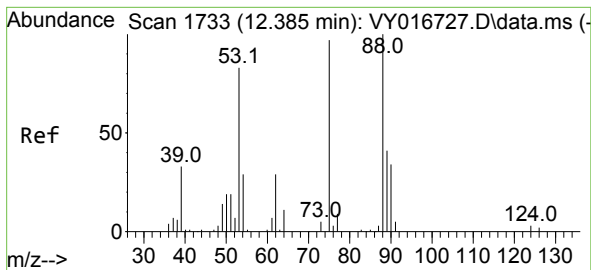
Tgt Ion: 91 Resp: 246249
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 48.139 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 105 Resp: 294955
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

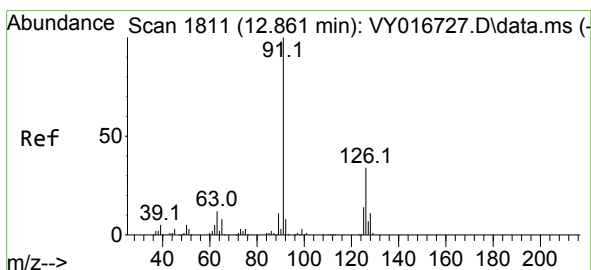
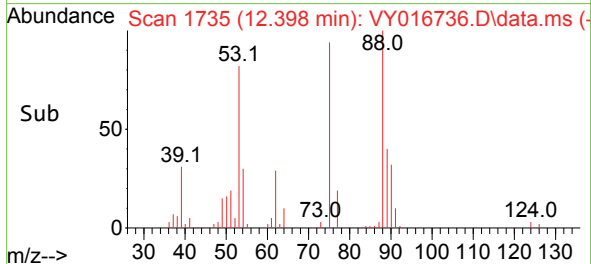
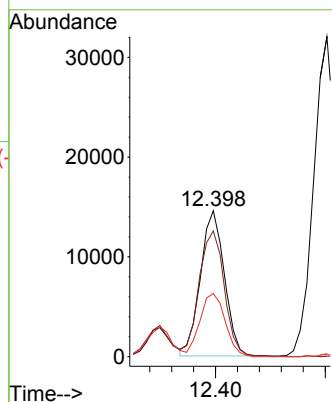
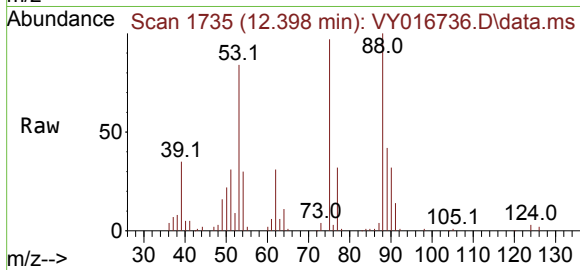




#81
trans-1,4-Dichloro-2-butene
Concen: 47.171 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

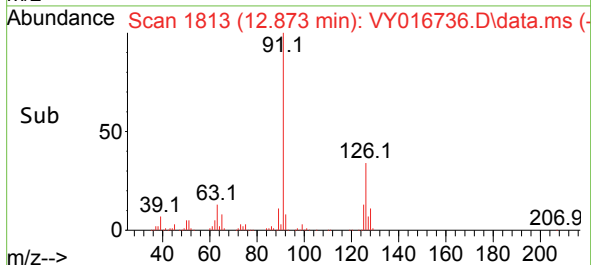
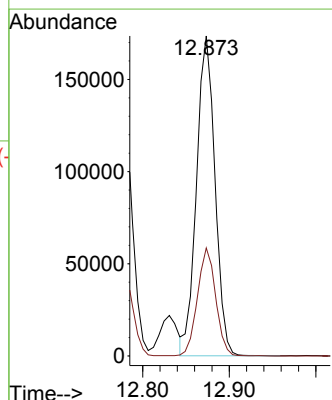
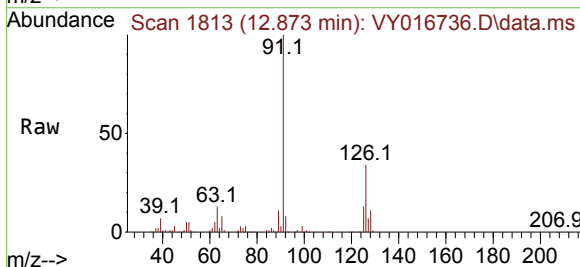
Instrument :
MSVOA_Y
ClientSampleId :

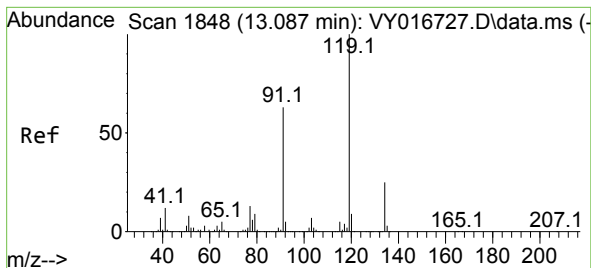
Tgt Ion: 75 Resp: 22068
Ion Ratio Lower Upper
75 100
53 91.9 74.0 111.0
89 45.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 48.244 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

Tgt Ion: 91 Resp: 256837
Ion Ratio Lower Upper
91 100
126 33.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 48.091 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

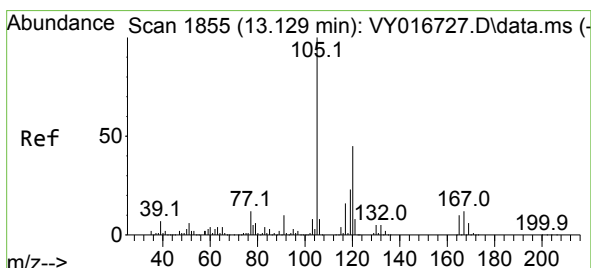
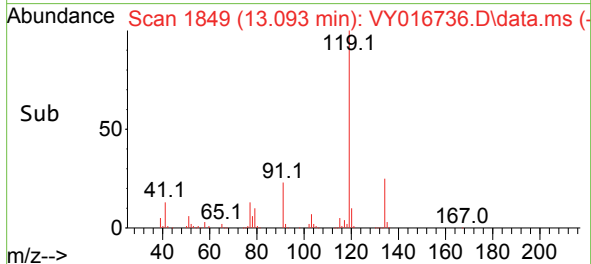
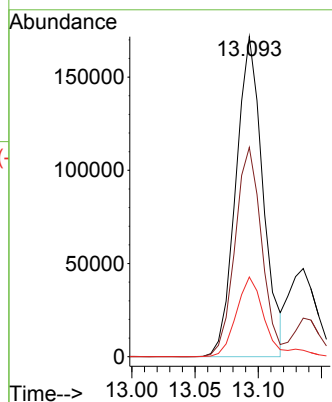
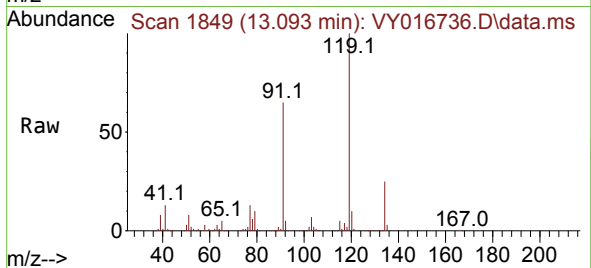
Tgt Ion:119 Resp: 256306

Ion Ratio Lower Upper

119 100

91 64.2 31.5 94.5

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 48.711 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016736.D

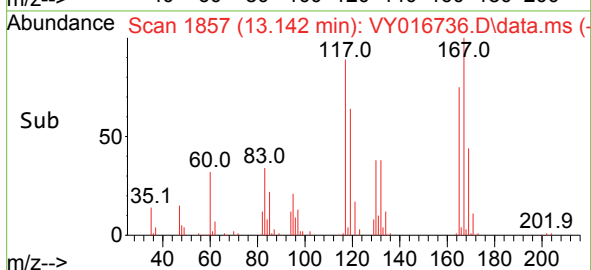
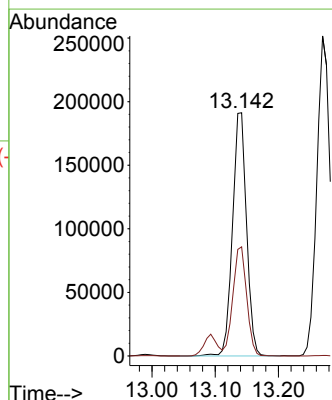
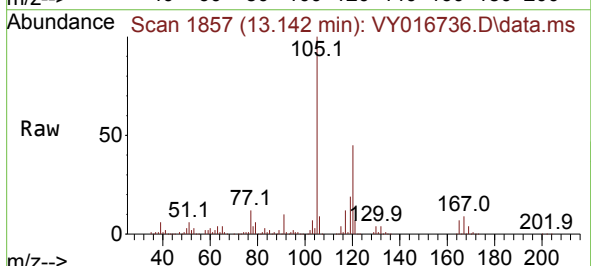
Acq: 21 Dec 2023 03:01

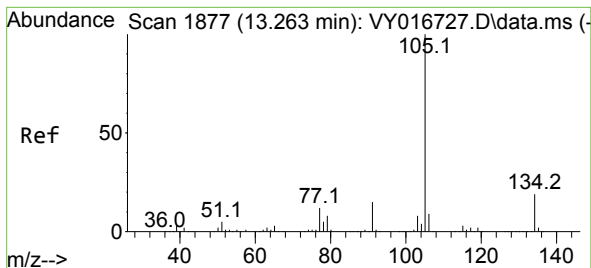
Tgt Ion:105 Resp: 294302

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 46.893 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

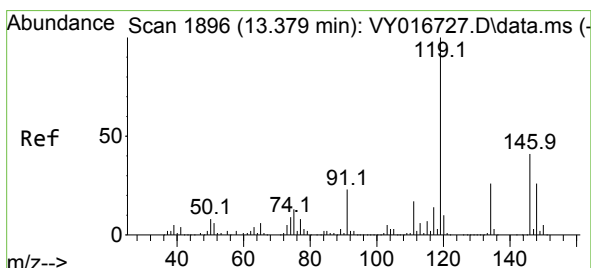
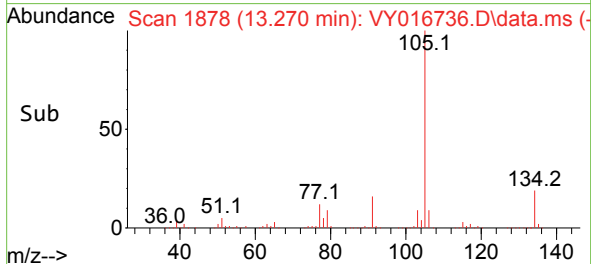
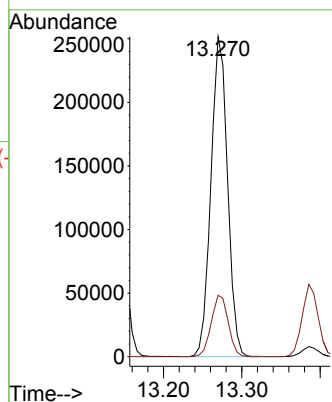
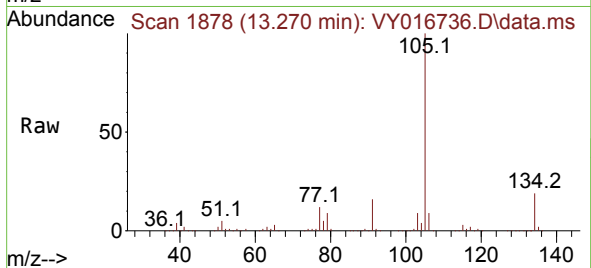
ClientSampleId :

Tgt Ion:105 Resp: 370178

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 47.167 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

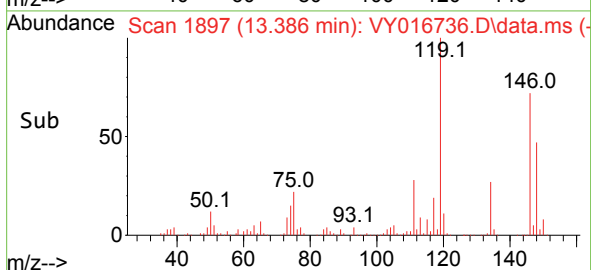
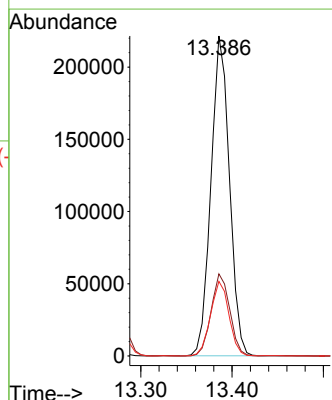
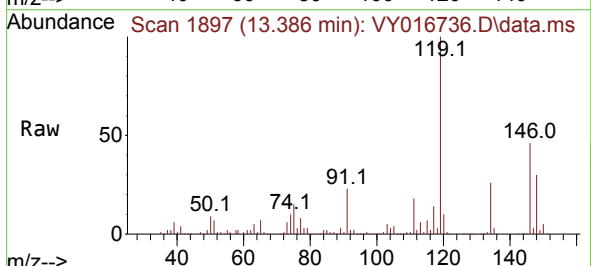
Tgt Ion:119 Resp: 310080

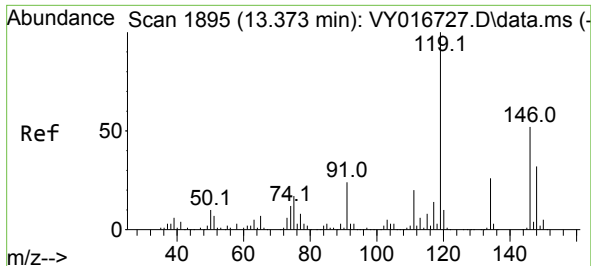
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 46.460 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

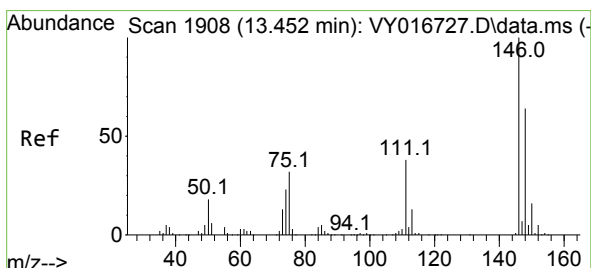
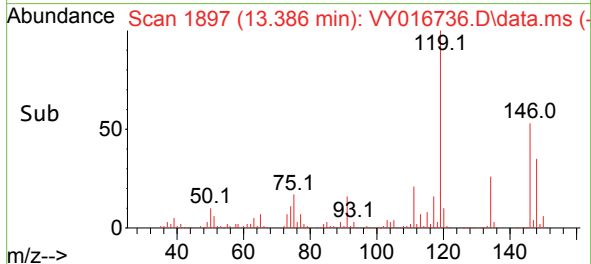
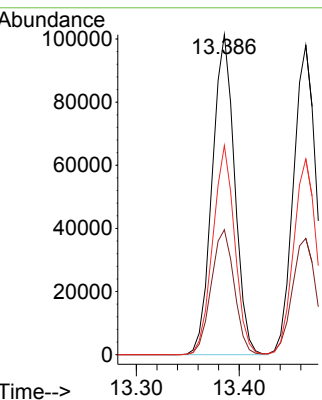
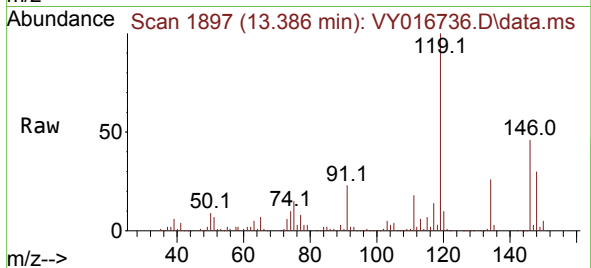
Tgt Ion:146 Resp: 153320

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

148 63.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 46.729 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

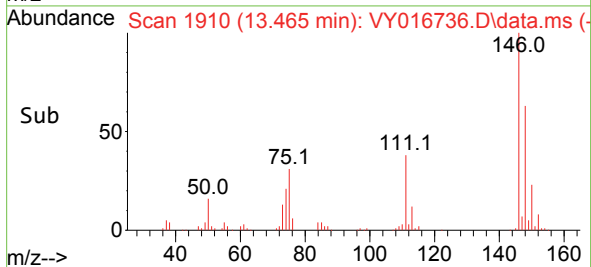
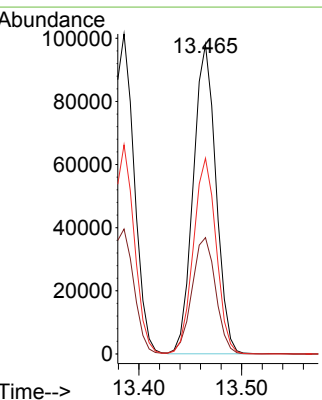
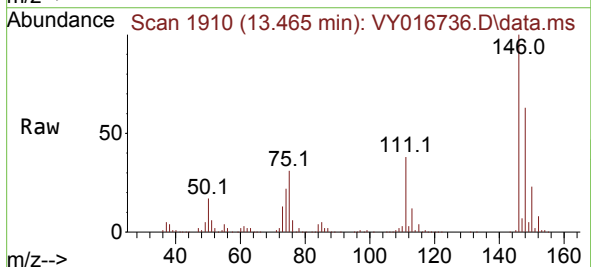
Tgt Ion:146 Resp: 150579

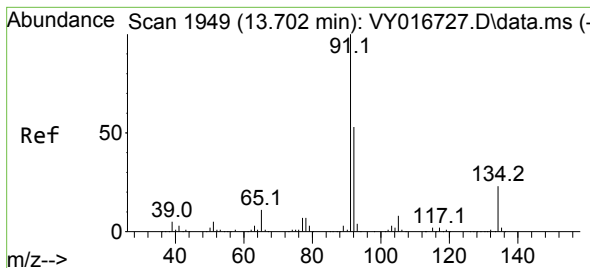
Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.9

148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 46.304 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016736.D

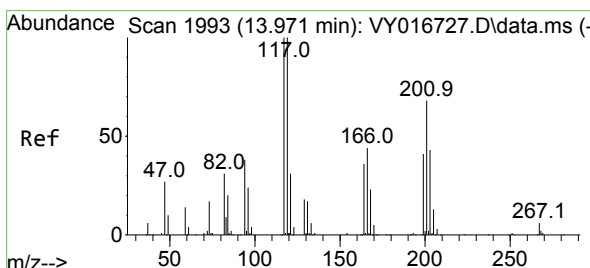
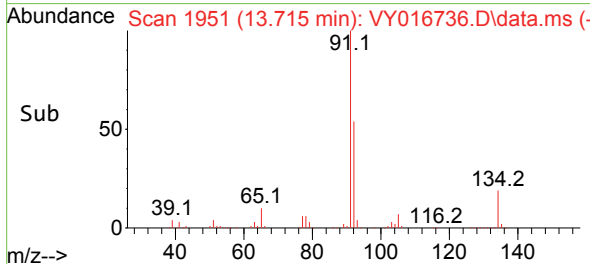
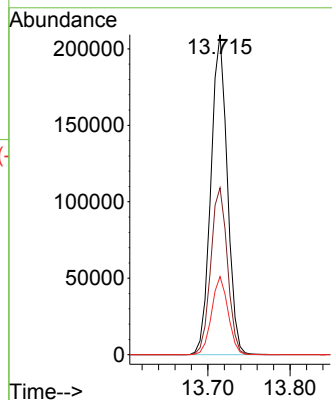
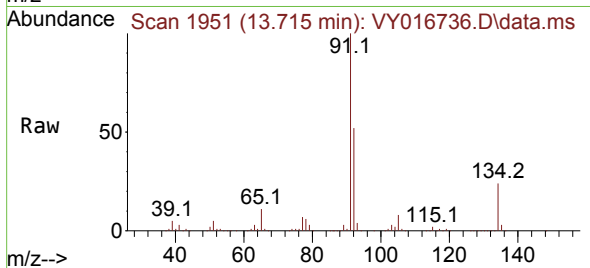
Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 290994
Ion Ratio	Lower Upper
91	100
92	53.0 26.4 79.2
134	24.4 12.3 36.8



#90

Hexachloroethane

Concen: 46.678 ug/l

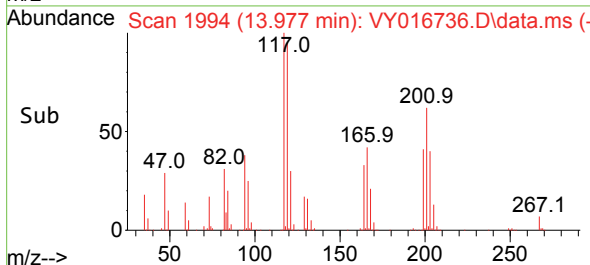
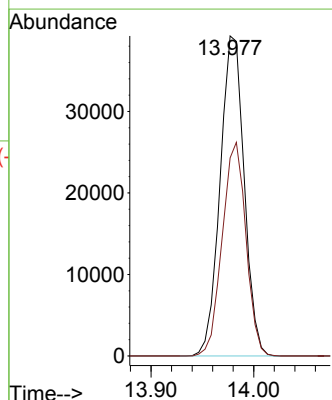
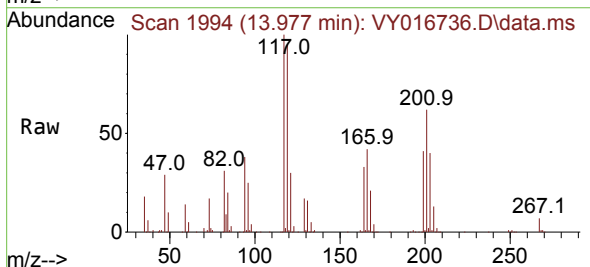
RT: 13.977 min Scan# 1994

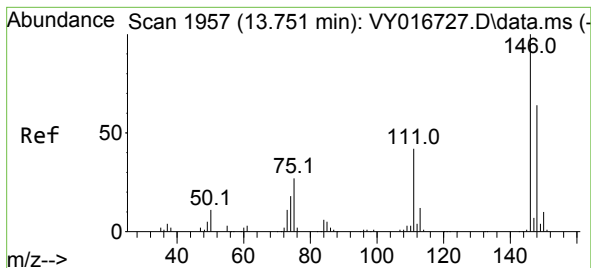
Delta R.T. 0.006 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

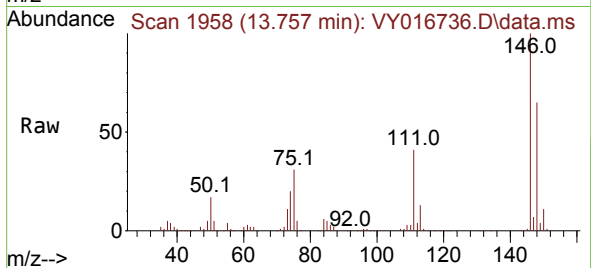
Tgt Ion: 117	Resp: 63899
Ion Ratio	Lower Upper
117	100
201	65.7 33.4 100.1



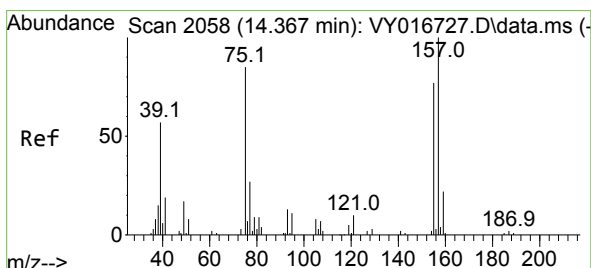
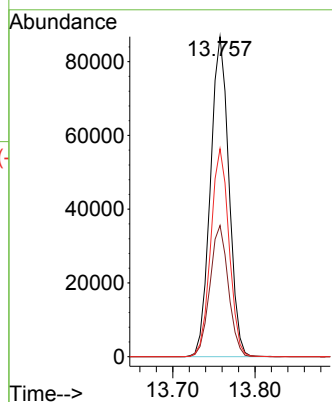
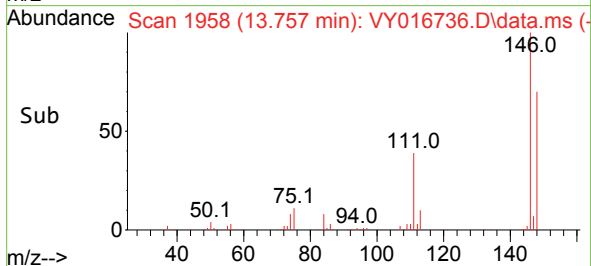


#91
1,2-Dichlorobenzene
Concen: 48.061 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01

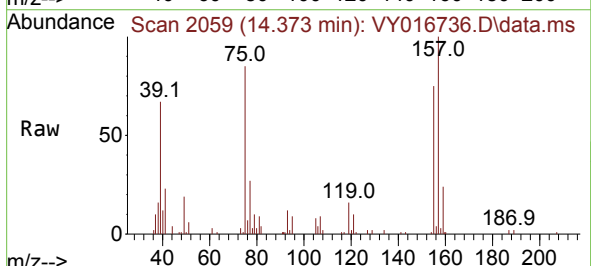
Instrument :
MSVOA_Y
ClientSampleId :



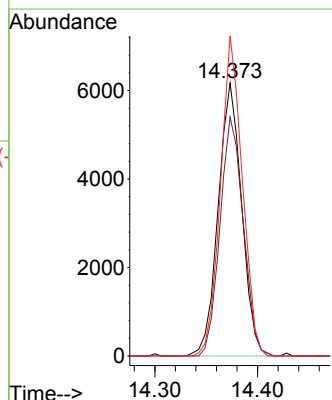
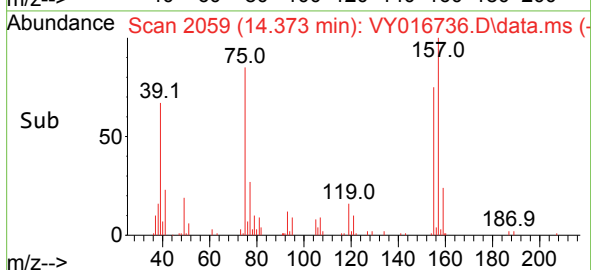
Tgt Ion:146 Resp: 135117
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 64.5 31.4 94.3

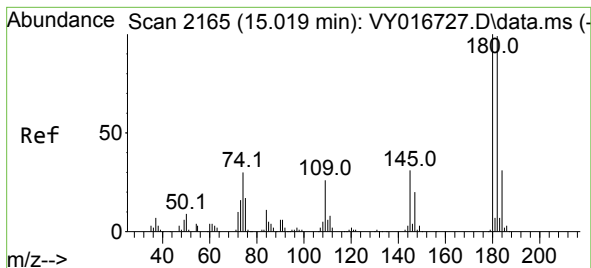


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.672 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016736.D
Acq: 21 Dec 2023 03:01



Tgt Ion: 75 Resp: 9759
Ion Ratio Lower Upper
75 100
155 86.1 42.1 126.3
157 109.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.653 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

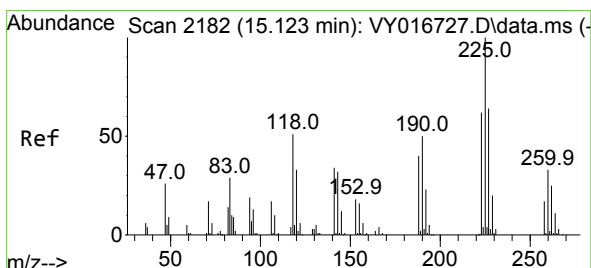
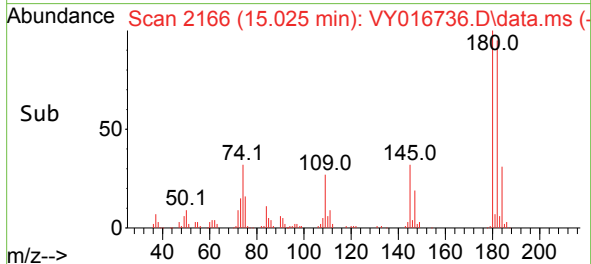
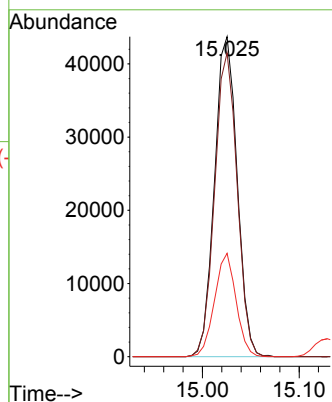
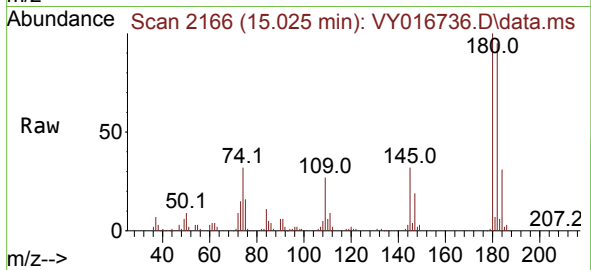
Tgt Ion:180 Resp: 71086

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.7

145 30.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 44.363 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

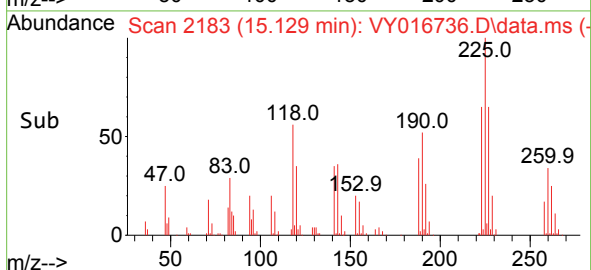
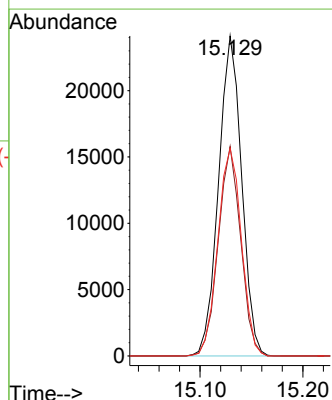
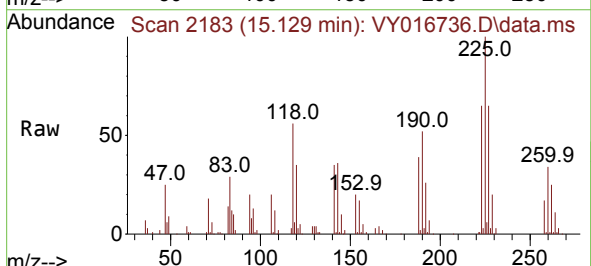
Tgt Ion:225 Resp: 37588

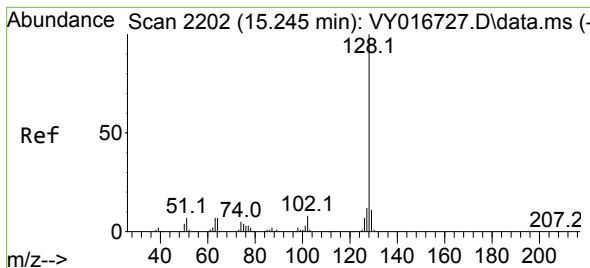
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 66.2 32.3 96.8





#95

Naphthalene

Concen: 45.939 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Instrument :

MSVOA_Y

ClientSampleId :

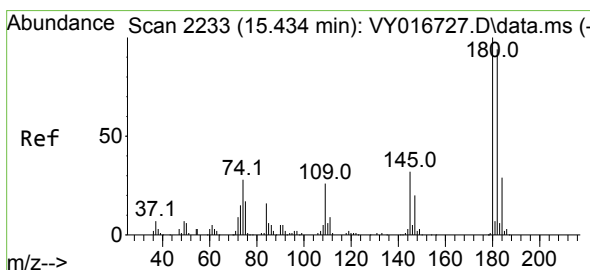
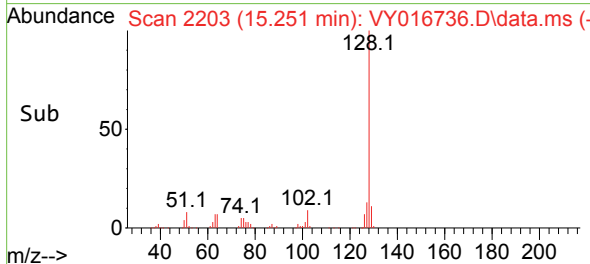
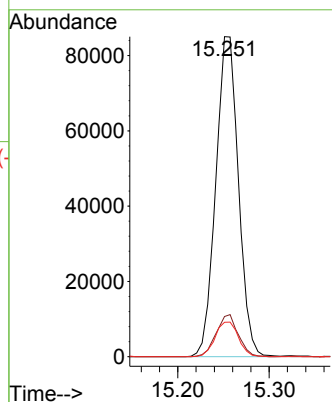
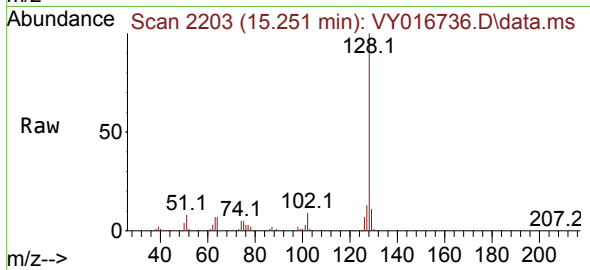
Tgt Ion:128 Resp: 146513

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.037 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016736.D

Acq: 21 Dec 2023 03:01

Tgt Ion:180 Resp: 62301

Ion Ratio Lower Upper

180 100

182 93.5 46.3 138.8

145 32.7 16.1 48.2

