

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120723\
 Data File : VY016631.D
 Acq On : 07 Dec 2023 18:01
 Operator : SY/MD
 Sample : VY1207SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 00:25:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	184506	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	259469	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	225647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	115447	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	81412	47.740	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.480%
35) Dibromofluoromethane	7.746	113	75948	48.638	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.203	98	296101	50.132	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.502	95	101477	52.245	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	35375	21.705	ug/l	99
3) Chloromethane	2.131	50	43044	25.459	ug/l	97
4) Vinyl Chloride	2.266	62	43937	25.733	ug/l	97
5) Bromomethane	2.668	94	27577	25.784	ug/l	98
6) Chloroethane	2.814	64	27697	26.262	ug/l	99
7) Trichlorofluoromethane	3.150	101	80213	24.851	ug/l	97
8) Diethyl Ether	3.552	74	19056	21.198	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.930	101	35552	19.696	ug/l	93
10) Methyl Iodide	4.119	142	38091	19.973	ug/l	96
11) Tert butyl alcohol	4.985	59	9924	85.411	ug/l #	83
12) 1,1-Dichloroethene	3.899	96	32492	19.816	ug/l	89
13) Acrolein	3.747	56	13065	77.344	ug/l	99
14) Allyl chloride	4.515	41	38403	15.347	ug/l #	83
15) Acrylonitrile	5.198	53	27735	76.440	ug/l	97
16) Acetone	3.966	43	37259	96.551	ug/l	96
17) Carbon Disulfide	4.223	76	78700	17.119	ug/l	98
18) Methyl Acetate	4.515	43	19930	13.029	ug/l #	84
19) Methyl tert-butyl Ether	5.259	73	75477	18.725	ug/l	94
20) Methylene Chloride	4.753	84	34963	18.424	ug/l #	84
21) trans-1,2-Dichloroethene	5.253	96	35691	19.356	ug/l	97
22) Diisopropyl ether	6.155	45	80672	15.675	ug/l #	93
23) Vinyl Acetate	6.094	43	194691	78.803	ug/l #	89
24) 1,1-Dichloroethane	6.051	63	56240	17.788	ug/l	98
25) 2-Butanone	7.021	43	40602	76.515	ug/l #	89
26) 2,2-Dichloropropane	7.015	77	62014	20.863	ug/l	98
27) cis-1,2-Dichloroethene	7.021	96	38767	19.100	ug/l	92
28) Bromochloromethane	7.362	49	19794	15.456	ug/l #	56
29) Tetrahydrofuran	7.374	42	20008	66.134	ug/l #	78
30) Chloroform	7.533	83	67352	19.984	ug/l	95
31) Cyclohexane	7.813	56	47932	16.464	ug/l #	82
32) 1,1,1-Trichloroethane	7.734	97	69654	21.838	ug/l	97
36) 1,1-Dichloropropene	7.947	75	48552	20.455	ug/l	97
37) Ethyl Acetate	7.100	43	15480	15.586	ug/l #	94
38) Carbon Tetrachloride	7.929	117	66753	24.292	ug/l	97
39) Methylcyclohexane	9.209	83	58158	20.336	ug/l	88
40) Benzene	8.185	78	132974	19.875	ug/l	98

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Instrument :
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Quant Time: Dec 08 00:25:31 2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	6705	11.689	ug/l #	53
42) 1,2-Dichloroethane	8.265	62	43495	22.389	ug/l	98
43) Isopropyl Acetate	8.295	43	30466	15.901	ug/l #	86
44) Trichloroethene	8.966	130	44630	22.120	ug/l	85
45) 1,2-Dichloropropane	9.240	63	28655	17.790	ug/l	100
46) Dibromomethane	9.331	93	17038	19.295	ug/l	91
47) Bromodichloromethane	9.520	83	49974	21.258	ug/l	96
48) Methyl methacrylate	9.313	41	17185	15.530	ug/l	89
49) 1,4-Dioxane	9.319	88	3326	372.130	ug/l #	66
51) 4-Methyl-2-Pentanone	10.087	43	75760	76.084	ug/l	90
52) Toluene	10.264	92	90715	21.634	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	45564	20.537	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	53229	20.429	ug/l	95
55) 1,1,2-Trichloroethane	10.667	97	23659	19.234	ug/l	96
56) Ethyl methacrylate	10.526	69	20481	18.165	ug/l	90
57) 1,3-Dichloropropane	10.813	76	40255	19.373	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	52797	75.986	ug/l #	80
59) 2-Hexanone	10.849	43	64159	85.175	ug/l	92
60) Dibromochloromethane	11.002	129	35177	21.404	ug/l	99
61) 1,2-Dibromoethane	11.112	107	22998	19.879	ug/l	99
64) Tetrachloroethene	10.740	164	47498	22.968	ug/l	97
65) Chlorobenzene	11.532	112	99662	21.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	40946	22.922	ug/l	98
67) Ethyl Benzene	11.611	91	177754	21.686	ug/l	98
68) m/p-Xylenes	11.721	106	139304	44.769	ug/l	95
69) o-Xylene	12.050	106	65691	22.615	ug/l	95
70) Styrene	12.063	104	93619	22.463	ug/l	99
71) Bromoform	12.227	173	21137	21.914	ug/l #	98
73) Isopropylbenzene	12.349	105	185775	21.732	ug/l	98
74) N-amyl acetate	12.160	43	25900	15.194	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.599	83	22026	16.200	ug/l	95
76) 1,2,3-Trichloropropane	12.648	75	33299	31.930	ug/l #	100
77) Bromobenzene	12.623	156	44146	21.912	ug/l	83
78) n-propylbenzene	12.691	91	211446	21.251	ug/l	95
79) 2-Chlorotoluene	12.776	91	117372	20.934	ug/l	95
80) 1,3,5-Trimethylbenzene	12.831	105	154354	22.221	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	7701	16.658	ug/l	96
82) 4-Chlorotoluene	12.873	91	121732	20.982	ug/l	94
83) tert-Butylbenzene	13.093	119	140301	22.607	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	152529	22.481	ug/l	98
85) sec-Butylbenzene	13.270	105	188963	21.679	ug/l	96
86) p-Isopropyltoluene	13.386	119	172101	22.745	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	86094	22.386	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	83002	21.991	ug/l	100
89) n-Butylbenzene	13.715	91	145269	21.349	ug/l	95
90) Hexachloroethane	13.977	117	31096	20.887	ug/l	92
91) 1,2-Dichlorobenzene	13.757	146	73357	22.216	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4010	18.430	ug/l	86
93) 1,2,4-Trichlorobenzene	15.025	180	41818	22.443	ug/l	98
94) Hexachlorobutadiene	15.129	225	29576	25.124	ug/l	95
95) Naphthalene	15.257	128	62922	22.721	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	32630	23.816	ug/l	99

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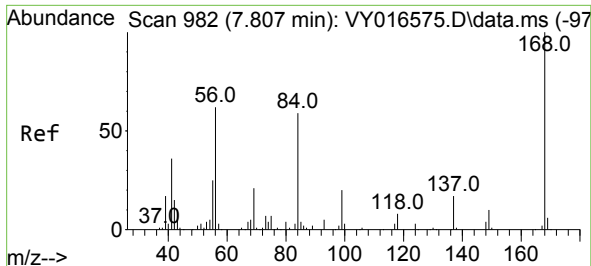
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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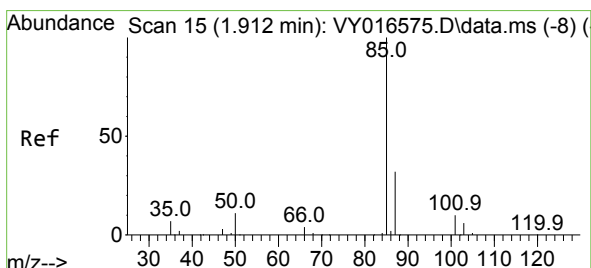
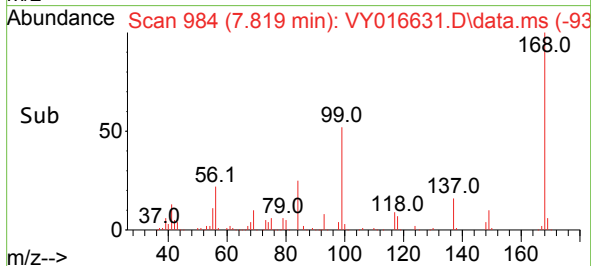
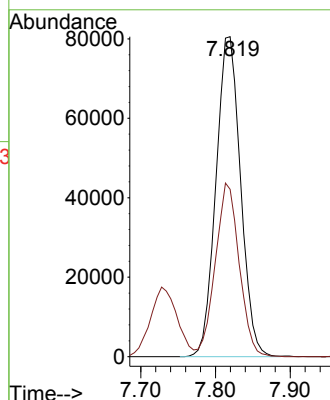
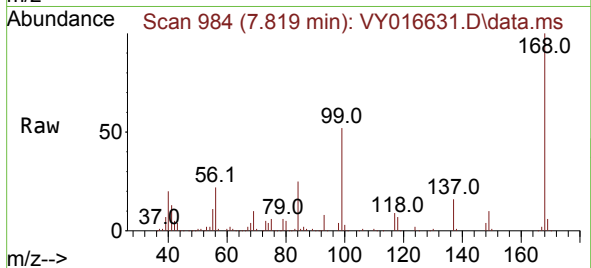




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

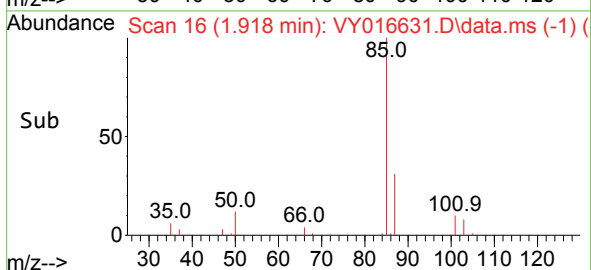
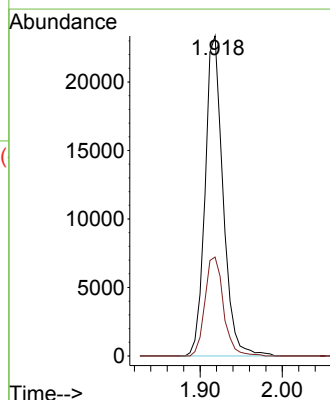
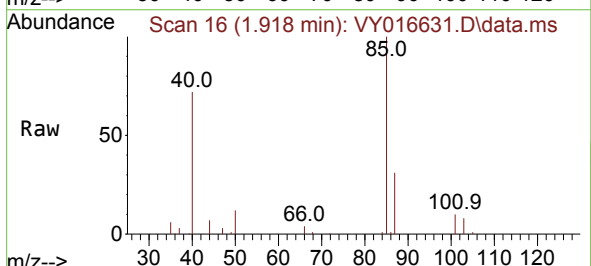
Instrument :
MSVOA_Y
ClientSampleId :

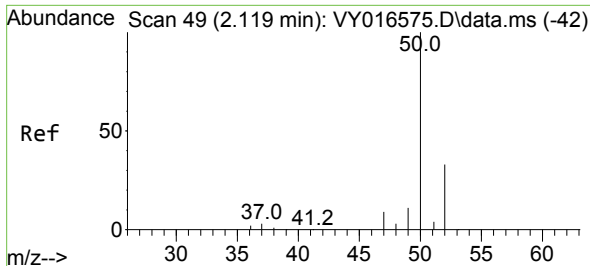
Tgt Ion:168 Resp: 184506
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.705 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 85 Resp: 35375
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.8

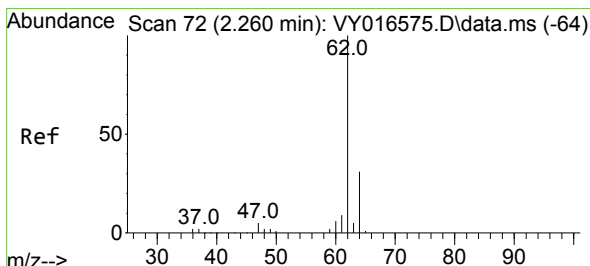
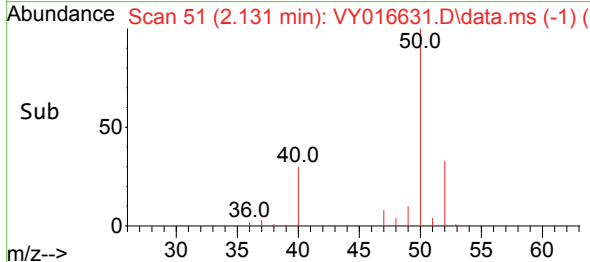
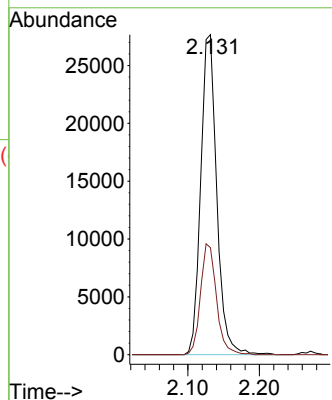
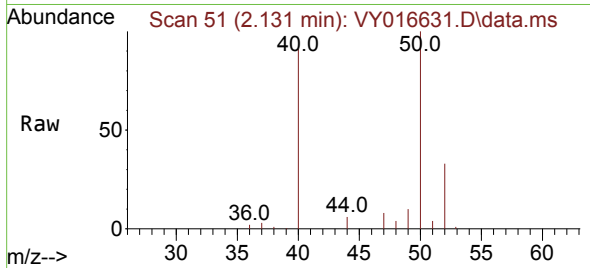




#3
Chloromethane
Concen: 25.459 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

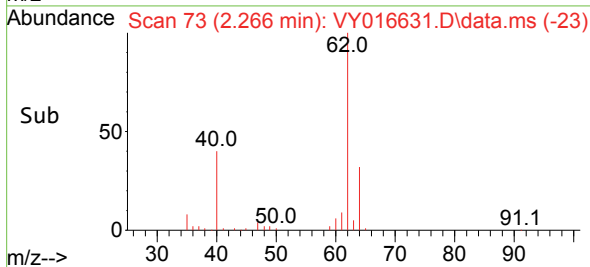
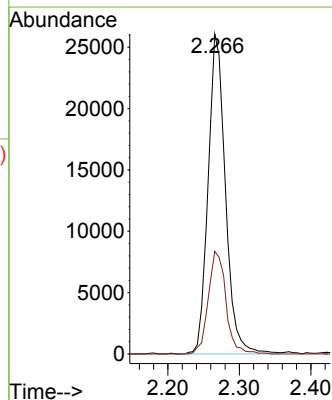
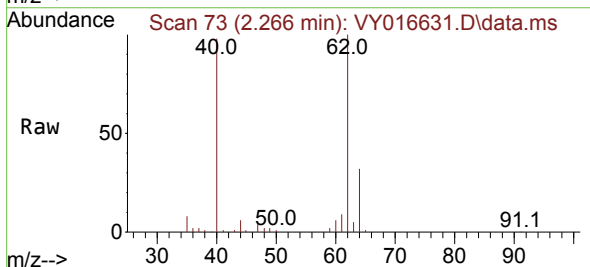
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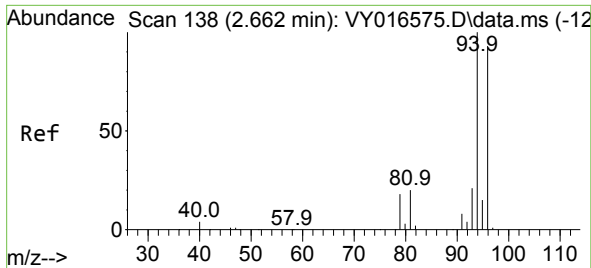
Tgt Ion: 50 Resp: 43044
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 25.733 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 62 Resp: 43937
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

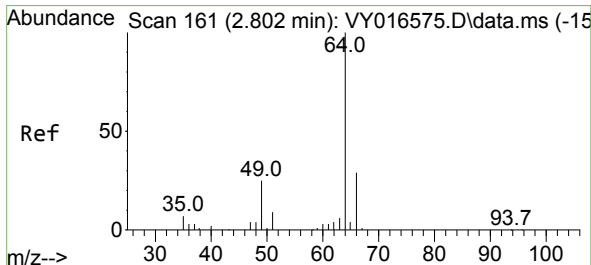
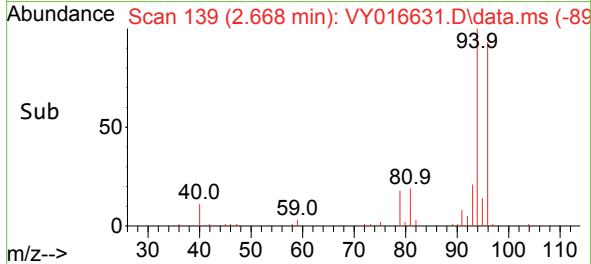
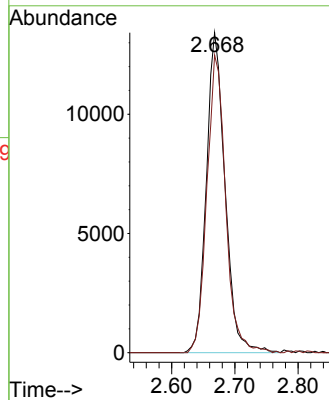
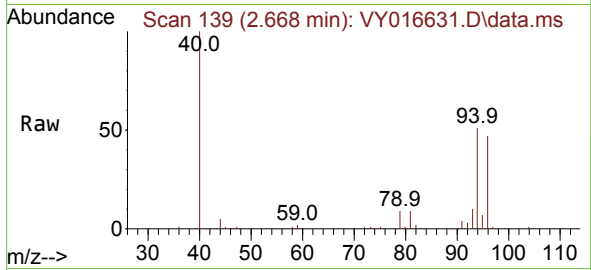




#5
Bromomethane
Concen: 25.784 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

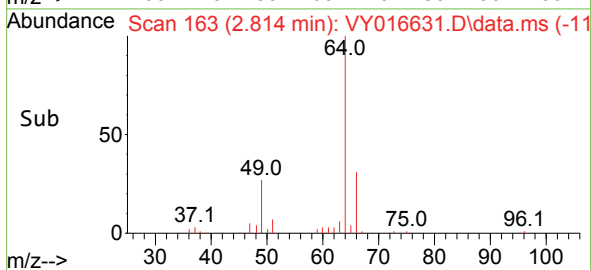
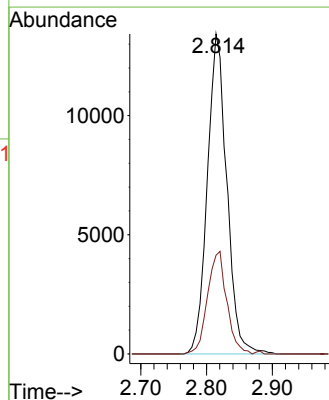
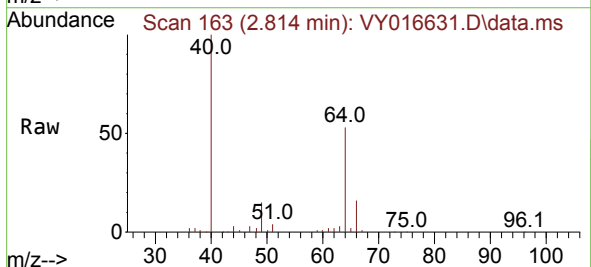
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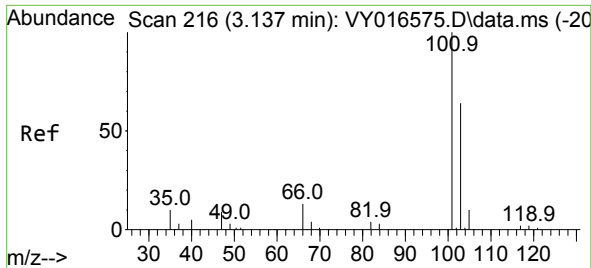
Tgt Ion: 94 Resp: 27577
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.6



#6
Chloroethane
Concen: 26.262 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 64 Resp: 27697
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6

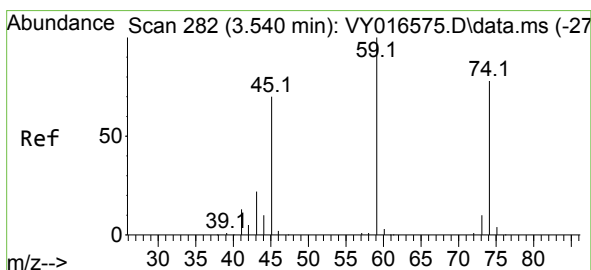
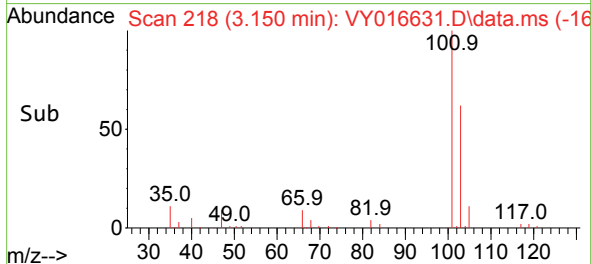
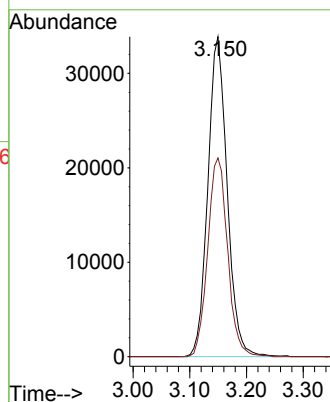
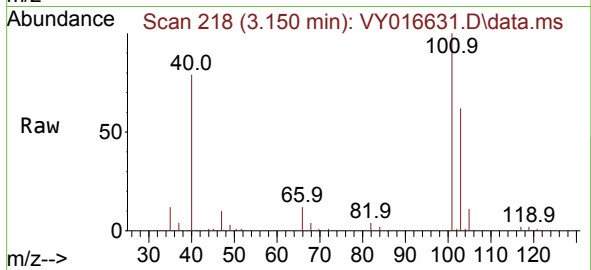




#7
Trichlorofluoromethane
Concen: 24.851 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

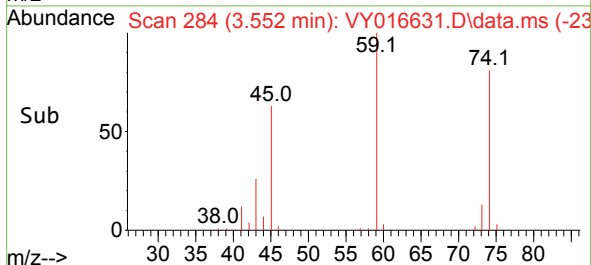
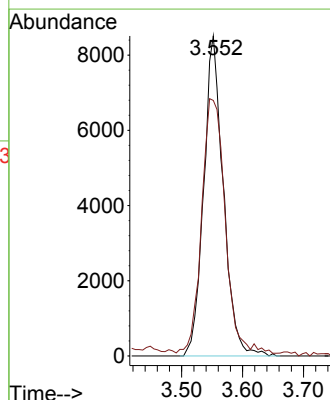
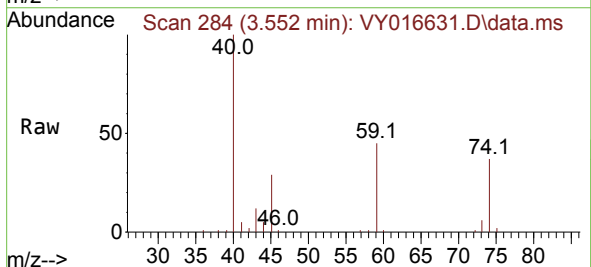
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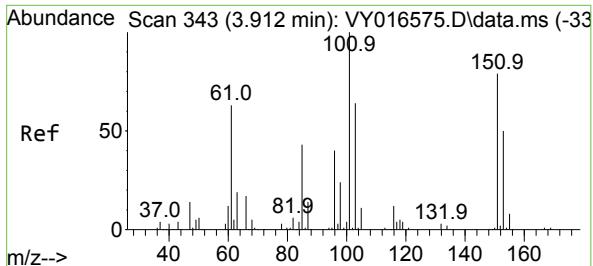
Tgt Ion:101 Resp: 80213
Ion Ratio Lower Upper
101 100
103 62.1 51.4 77.0



#8
Diethyl Ether
Concen: 21.198 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 74 Resp: 19056
Ion Ratio Lower Upper
74 100
45 93.2 51.5 154.5

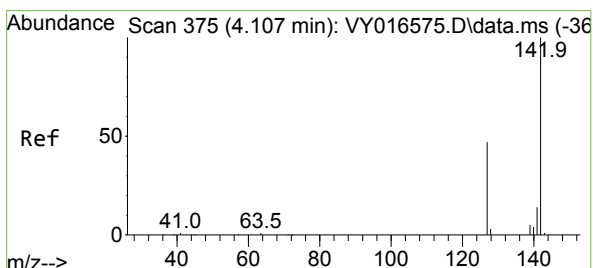
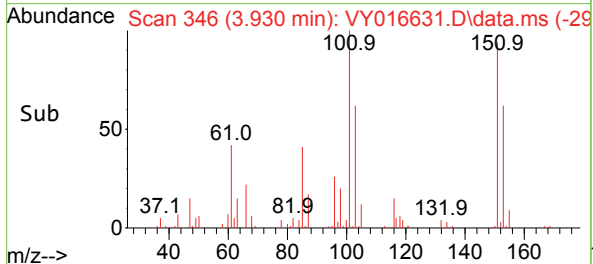
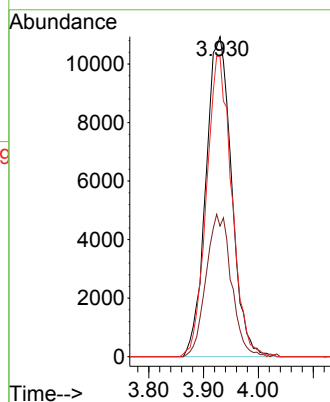
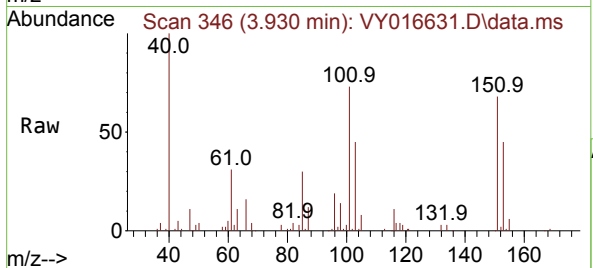




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.696 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.018 min
Lab File: VY016631.D
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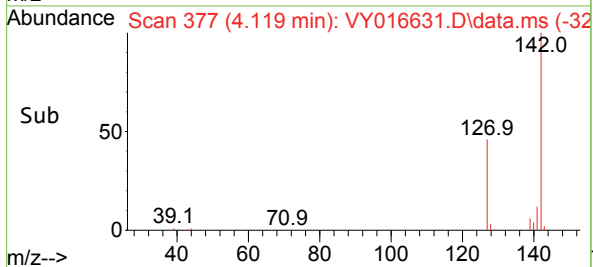
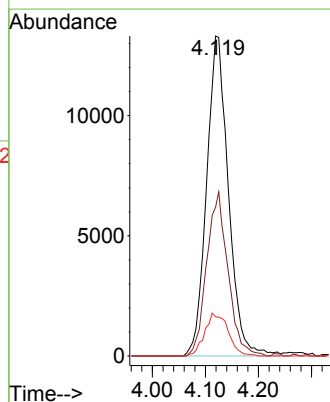
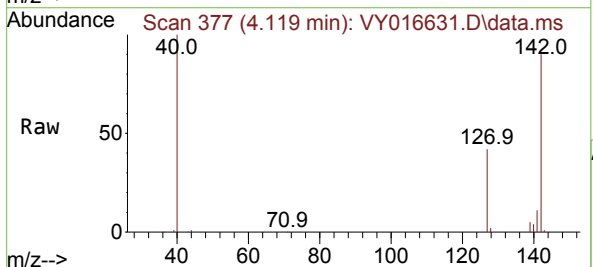
Instrument :
MSVOA_Y
ClientSampleId :

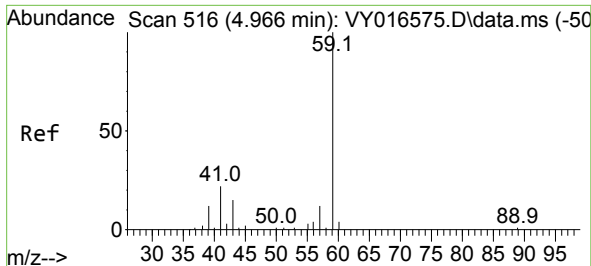
Tgt Ion:101 Resp: 35552
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 92.1 67.0 100.6



#10
Methyl Iodide
Concen: 19.973 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

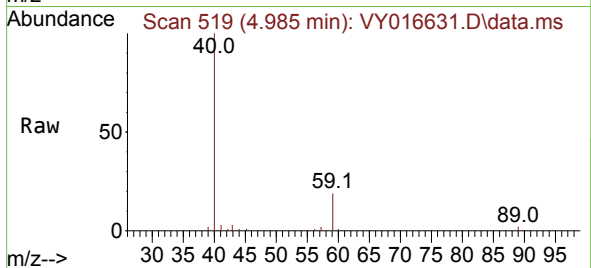
Tgt Ion:142 Resp: 38091
Ion Ratio Lower Upper
142 100
127 50.0 37.6 56.4
141 14.3 11.8 17.8



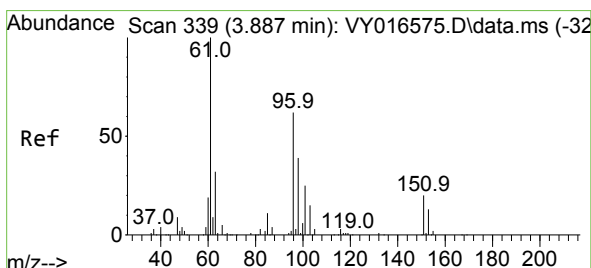
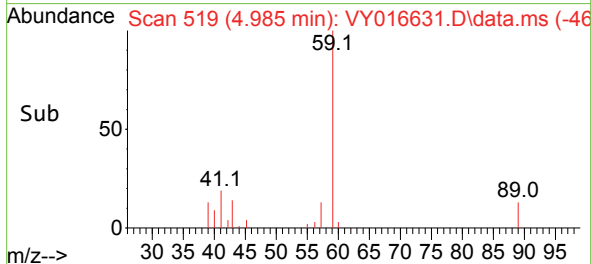
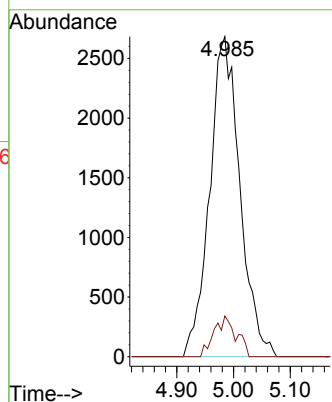


#11
Tert butyl alcohol
Concen: 85.411 ug/l
RT: 4.985 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :

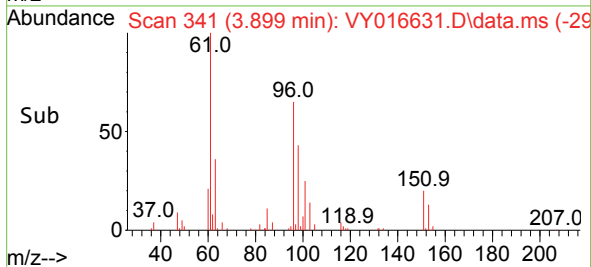
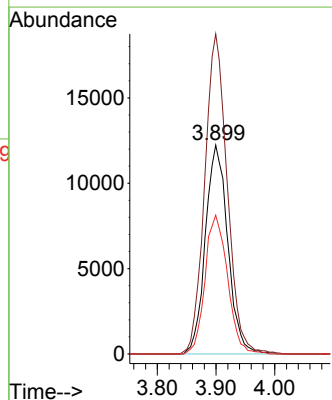
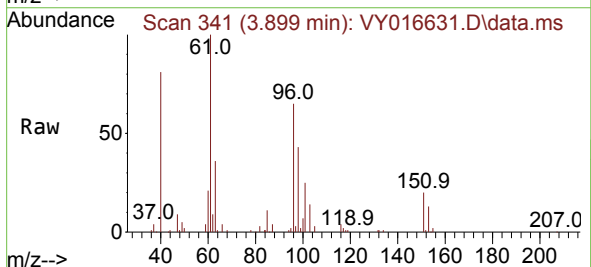


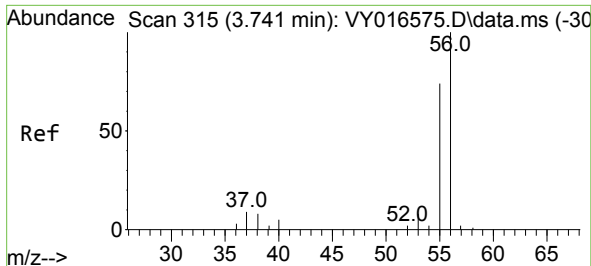
Tgt Ion: 59 Resp: 9924
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.816 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 96 Resp: 32492
Ion Ratio Lower Upper
96 100
61 153.2 136.4 204.6
98 66.4 49.4 74.2





#13

Acrolein

Concen: 77.344 ug/l

RT: 3.747 min Scan# 31

Delta R.T. 0.006 min

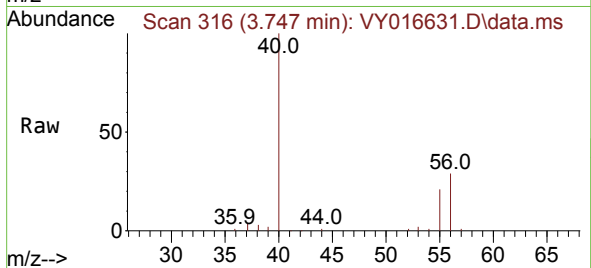
Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

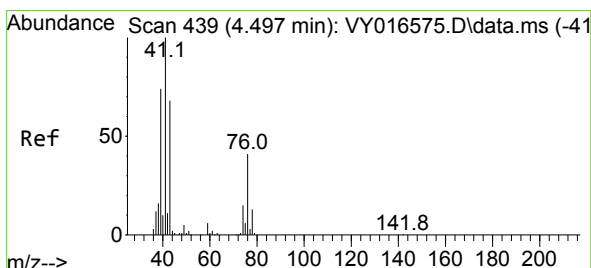
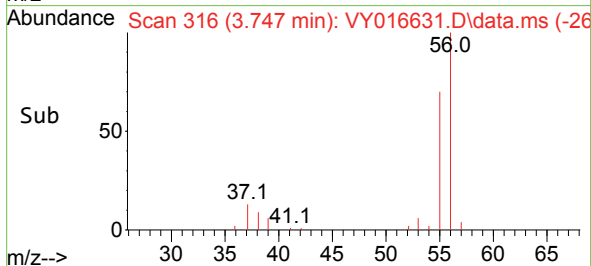
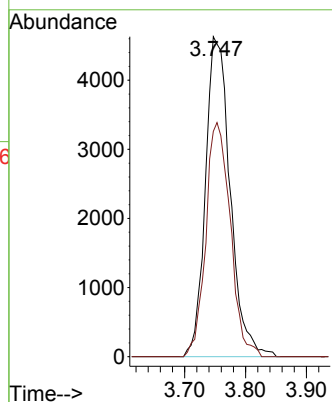


Tgt Ion: 56 Resp: 13065

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4



#14

Allyl chloride

Concen: 15.347 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

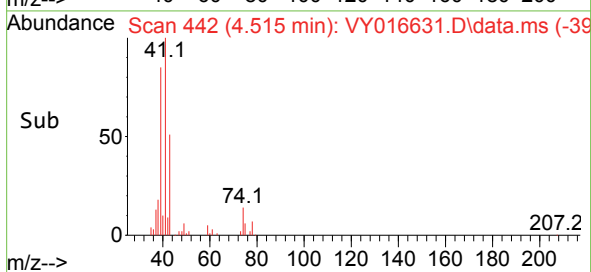
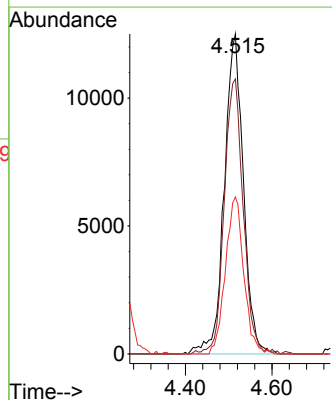
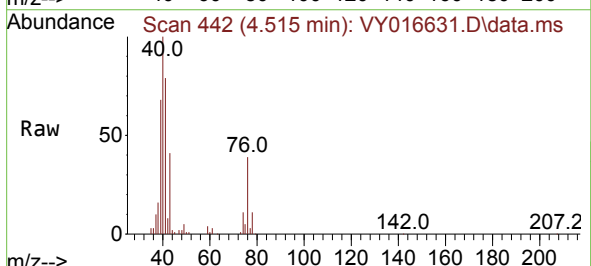
Tgt Ion: 41 Resp: 38403

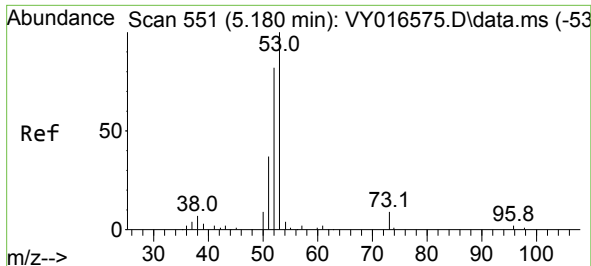
Ion Ratio Lower Upper

41 100

39 84.9 58.0 87.0

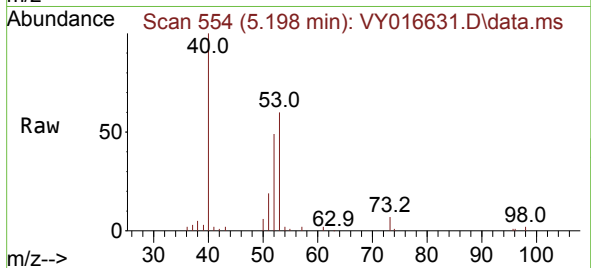
76 47.3 27.4 41.2#



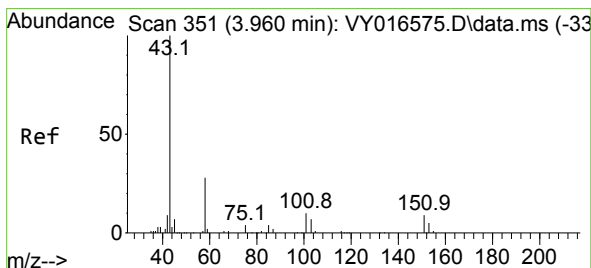
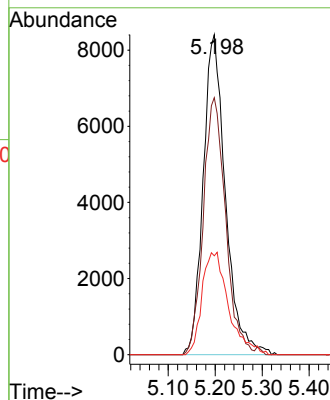
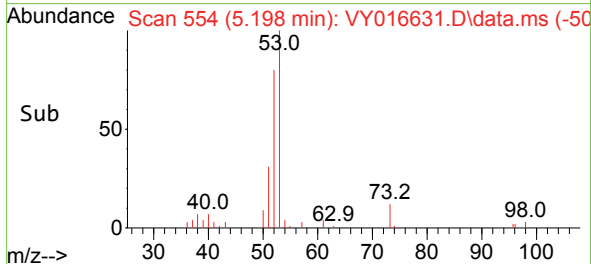


#15
Acrylonitrile
Concen: 76.440 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :

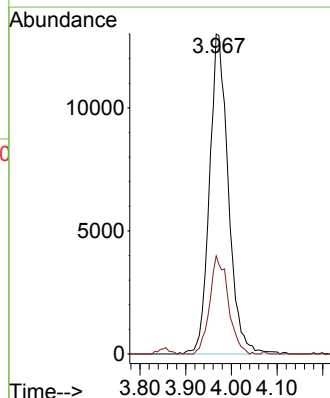
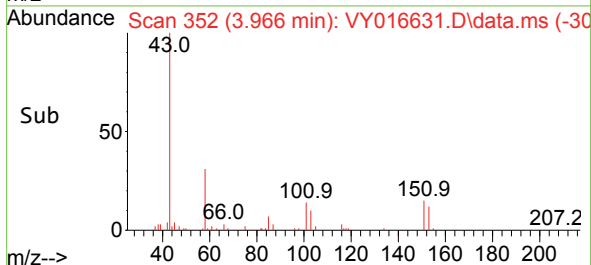
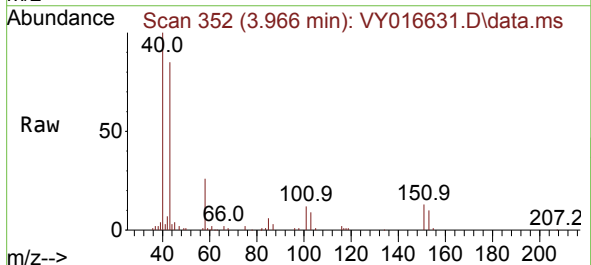


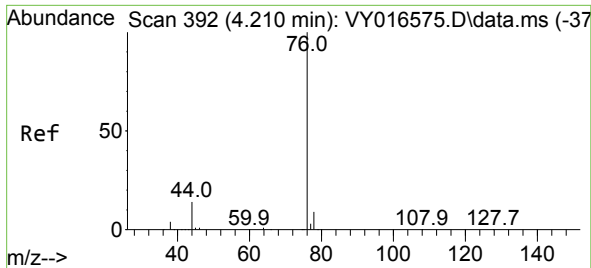
Tgt Ion: 53 Resp: 27735
Ion Ratio Lower Upper
53 100
52 80.0 66.9 100.3
51 38.0 29.8 44.6



#16
Acetone
Concen: 96.551 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 43 Resp: 37259
Ion Ratio Lower Upper
43 100
58 30.6 22.7 34.1

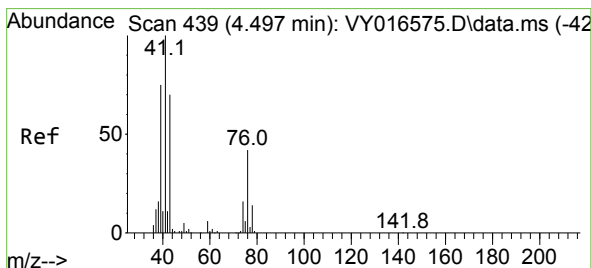
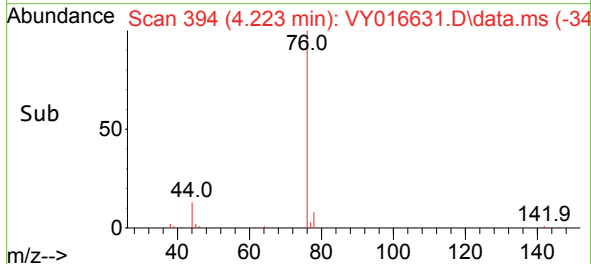
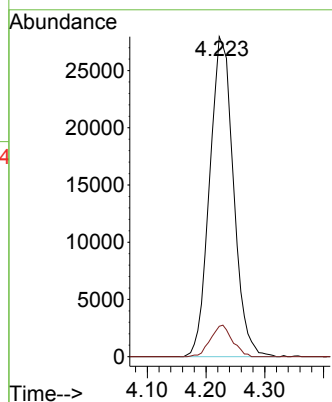
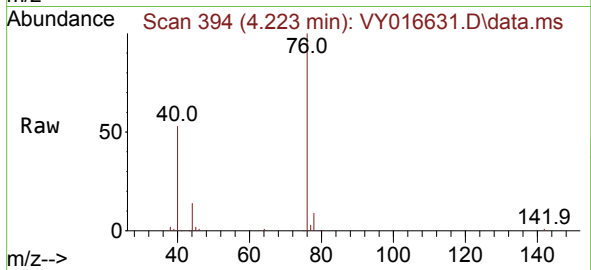




#17
Carbon Disulfide
Concen: 17.119 ug/l
RT: 4.223 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

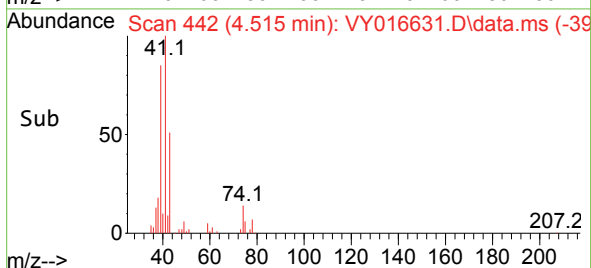
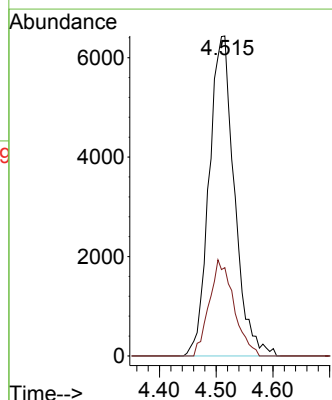
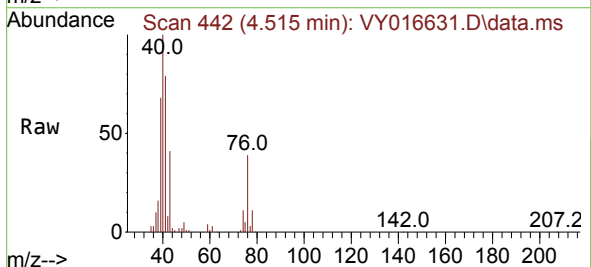
Instrument :
MSVOA_Y
ClientSampleId :

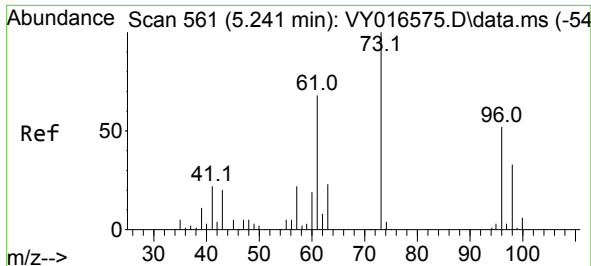
Tgt Ion: 76 Resp: 78700
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 13.029 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

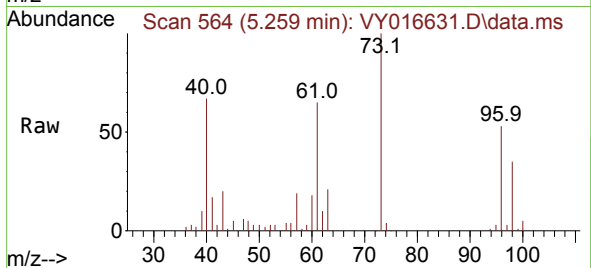
Tgt Ion: 43 Resp: 19930
Ion Ratio Lower Upper
43 100
74 29.2 17.4 26.0#



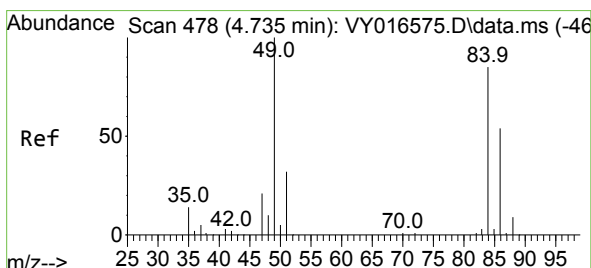
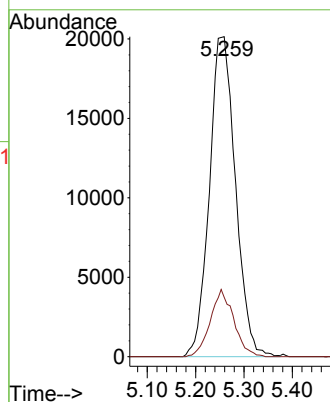
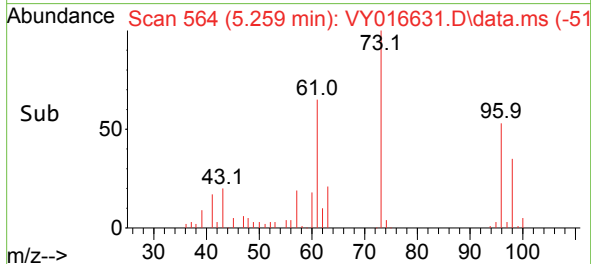


#19
Methyl tert-butyl Ether
Concen: 18.725 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

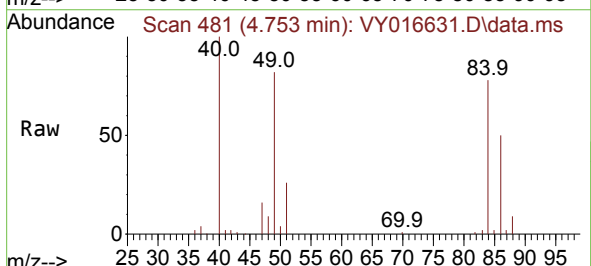
Instrument :
MSVOA_Y
ClientSampleId :



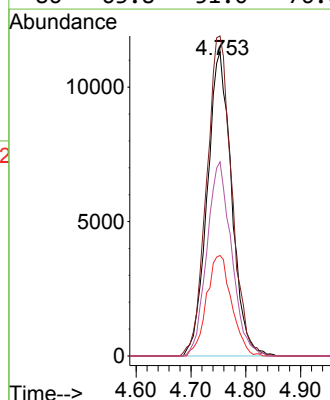
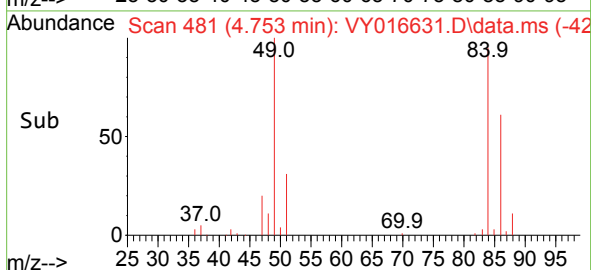
Tgt Ion: 73 Resp: 75477
Ion Ratio Lower Upper
73 100
57 18.5 17.3 25.9

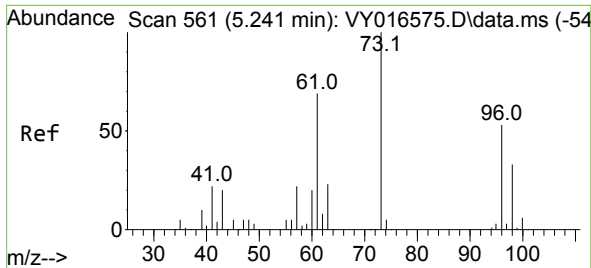


#20
Methylene Chloride
Concen: 18.424 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.018 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01



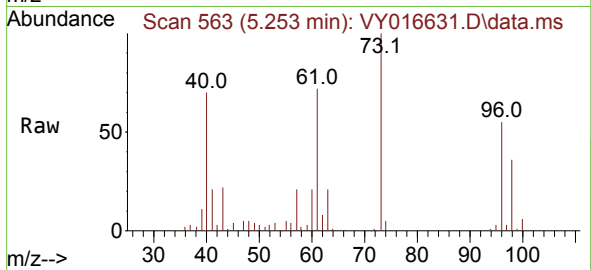
Tgt Ion: 84 Resp: 34963
Ion Ratio Lower Upper
84 100
49 105.1 106.9 160.3#
51 33.0 33.2 49.8#
86 63.8 51.0 76.6



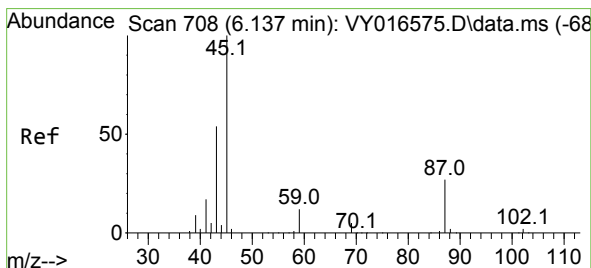
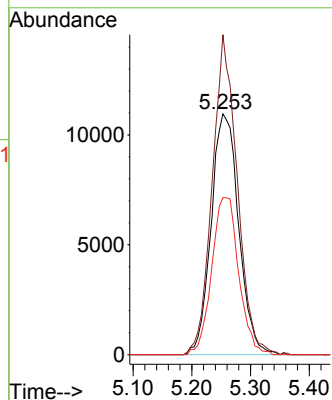
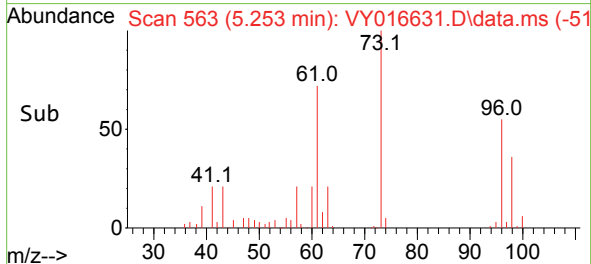


#21
trans-1,2-Dichloroethene
Concen: 19.356 ug/l
RT: 5.253 min Scan# 501
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

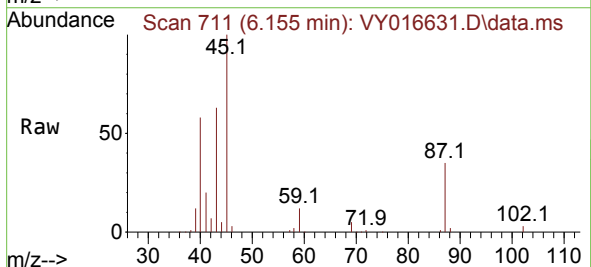
Instrument :
MSVOA_Y
ClientSampleId :



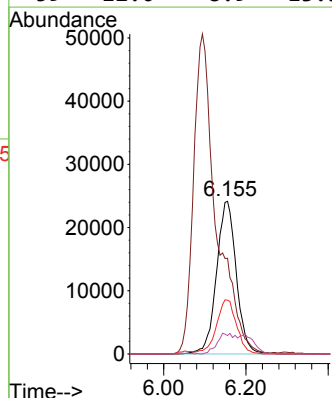
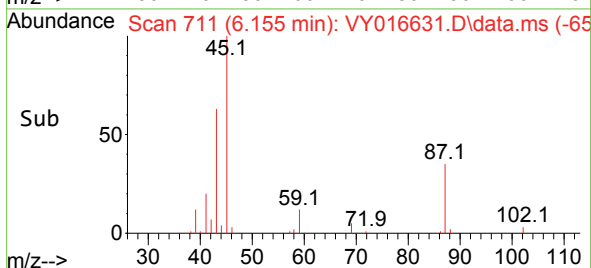
Tgt Ion: 96 Resp: 35691
Ion Ratio Lower Upper
96 100
61 132.9 110.2 165.4
98 65.3 51.8 77.6

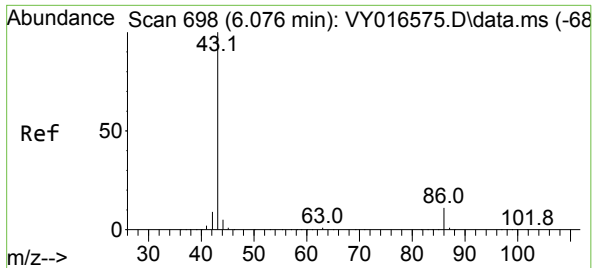


#22
Diisopropyl ether
Concen: 15.675 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.018 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01



Tgt Ion: 45 Resp: 80672
Ion Ratio Lower Upper
45 100
43 61.9 52.2 78.4
87 35.2 21.0 31.6#
59 12.0 8.9 13.3

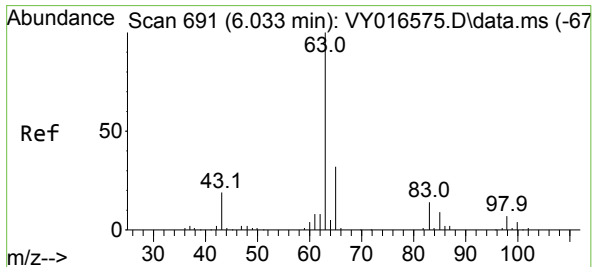
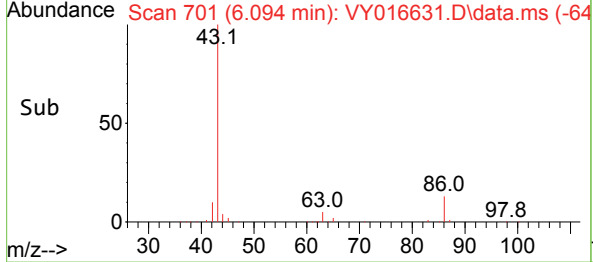
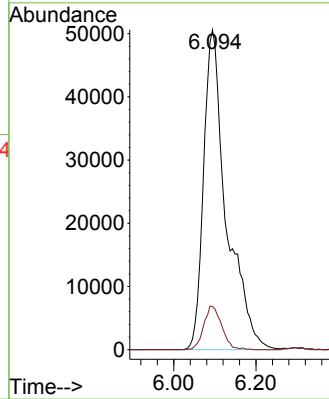
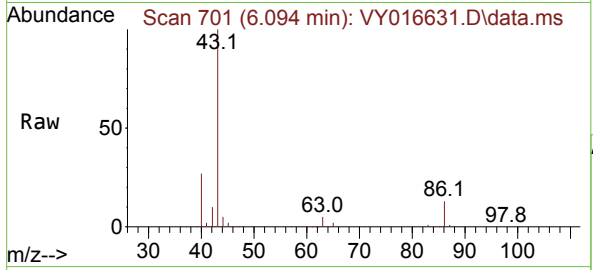




#23
 Vinyl Acetate
 Concen: 78.803 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016631.D
 Acq: 07 Dec 2023 18:01

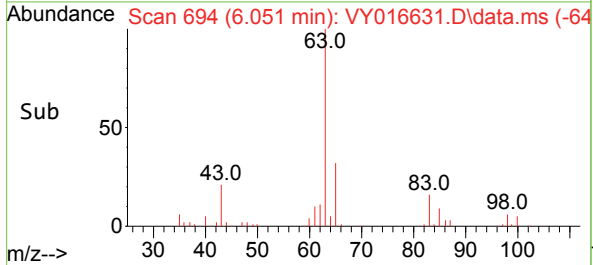
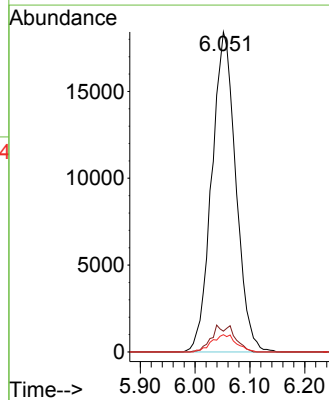
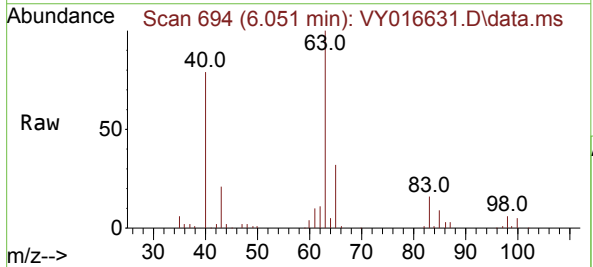
Instrument :
 MSVOA_Y
 ClientSampleId :

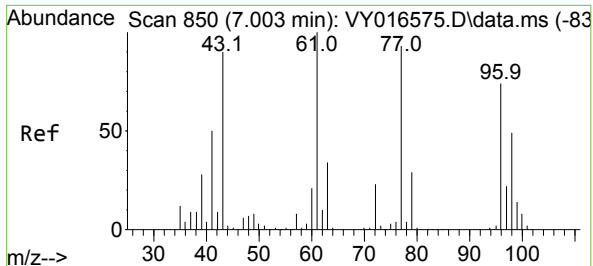
Tgt Ion: 43 Resp: 194691
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 17.788 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY016631.D
 Acq: 07 Dec 2023 18:01

Tgt Ion: 63 Resp: 56240
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 5.4 1.8 5.5





#25

2-Butanone

Concen: 76.515 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.018 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

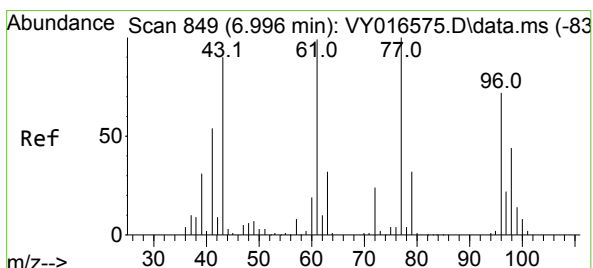
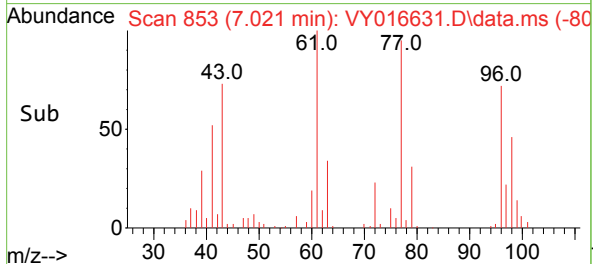
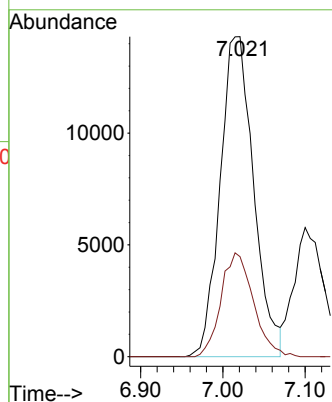
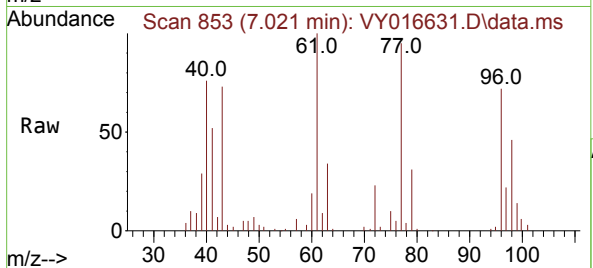
ClientSampleId :

Tgt Ion: 43 Resp: 40602

Ion Ratio Lower Upper

43 100

72 31.2 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 20.863 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY016631.D

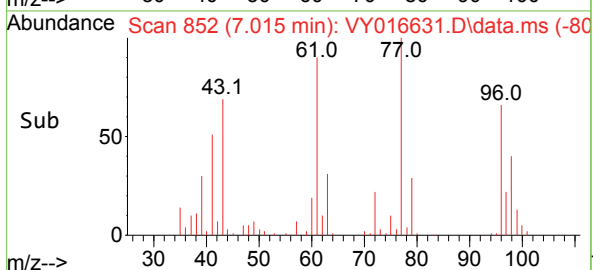
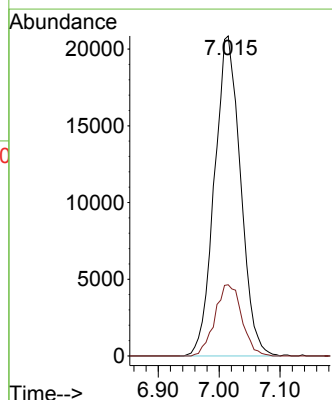
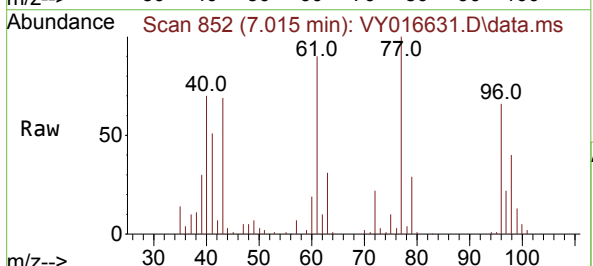
Acq: 07 Dec 2023 18:01

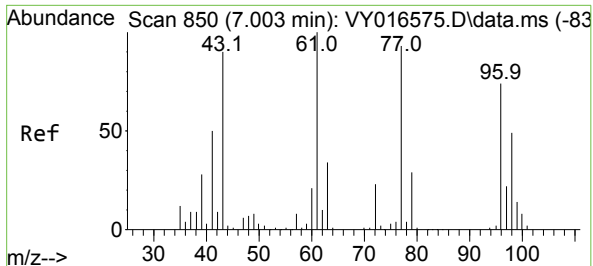
Tgt Ion: 77 Resp: 62014

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.100 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.018 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

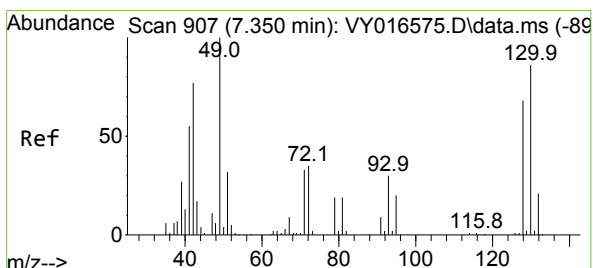
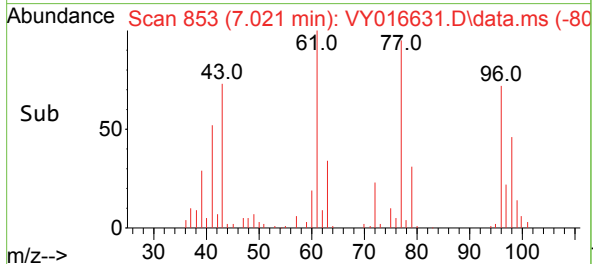
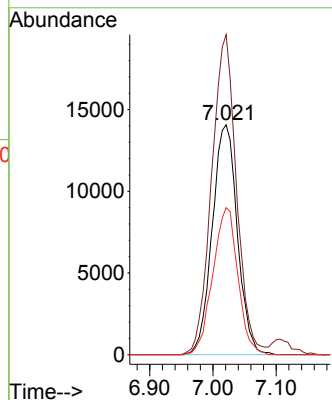
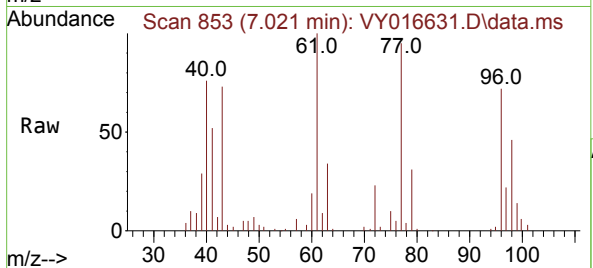
Tgt Ion: 96 Resp: 38767

Ion Ratio Lower Upper

96 100

61 137.4 0.0 301.4

98 63.8 0.0 130.4



#28

Bromochloromethane

Concen: 15.456 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

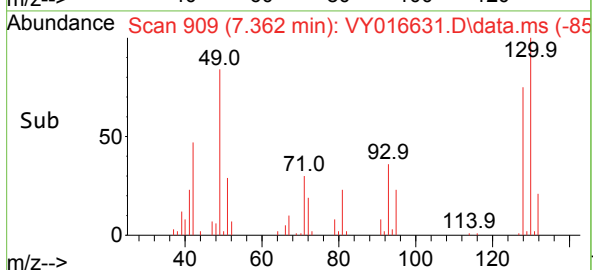
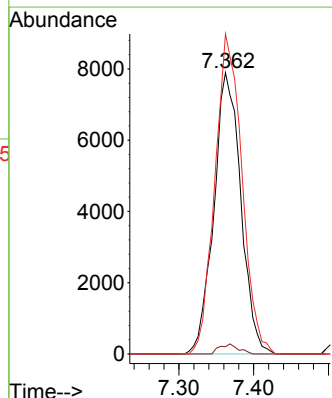
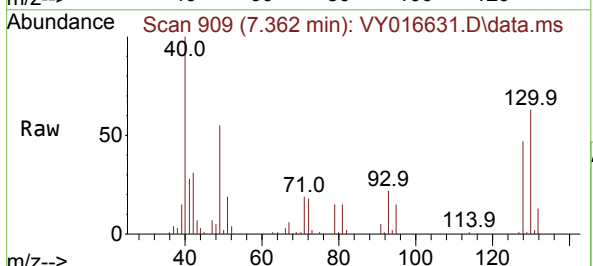
Tgt Ion: 49 Resp: 19794

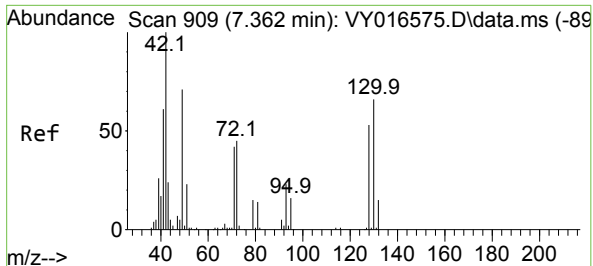
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 114.3 60.7 91.1#





#29

Tetrahydrofuran

Concen: 66.134 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016631.D

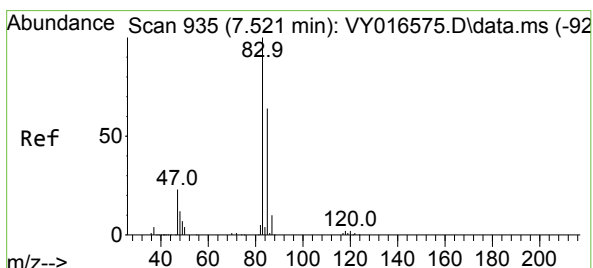
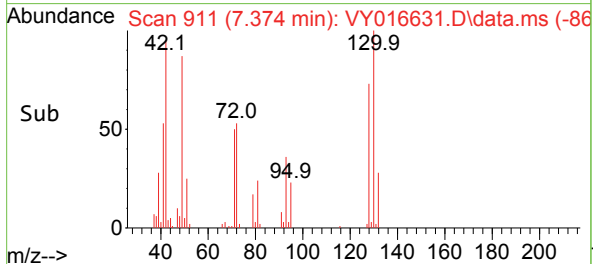
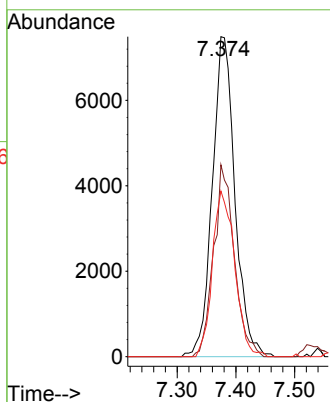
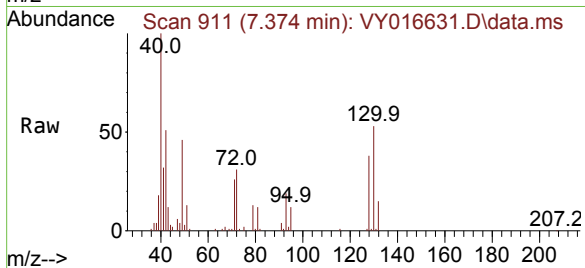
Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	20008
Ion	Ratio	Lower	Upper
42	100		
72	55.0	32.8	49.2#
71	51.3	31.0	46.4#



#30

Chloroform

Concen: 19.984 ug/l

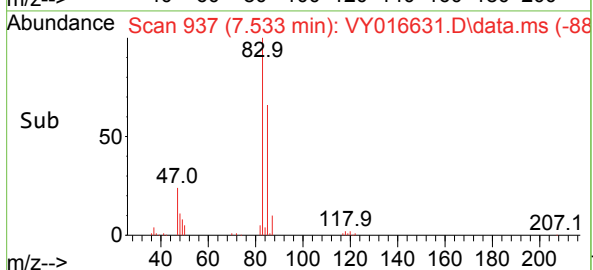
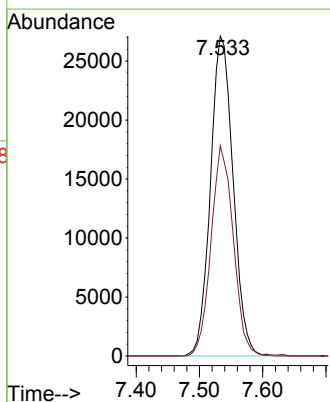
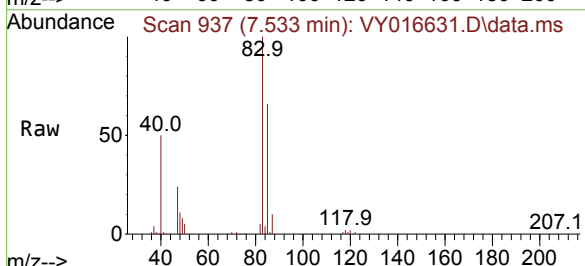
RT: 7.533 min Scan# 937

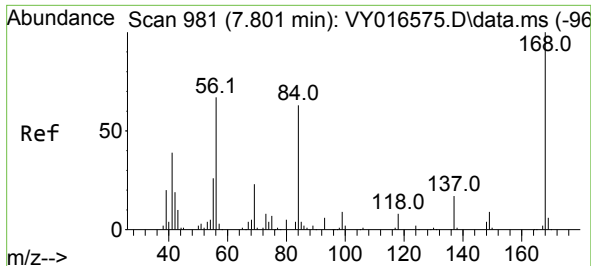
Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

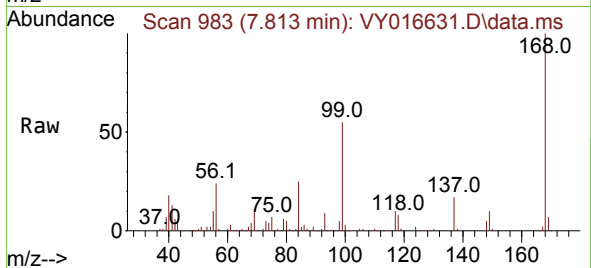
Tgt Ion:	83	Resp:	67352
Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.7	74.5



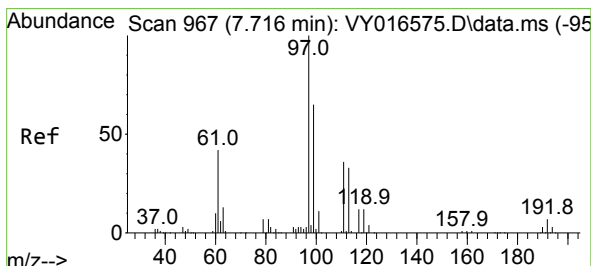
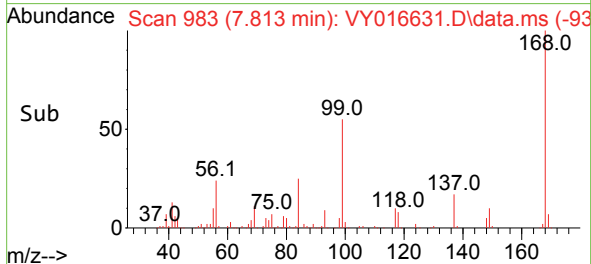
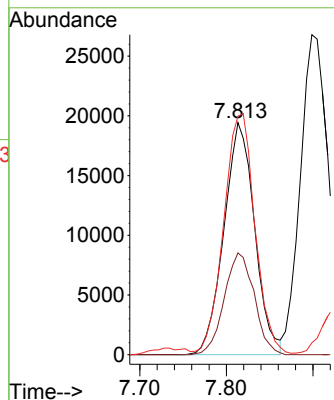


#31
Cyclohexane
Concen: 16.464 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :

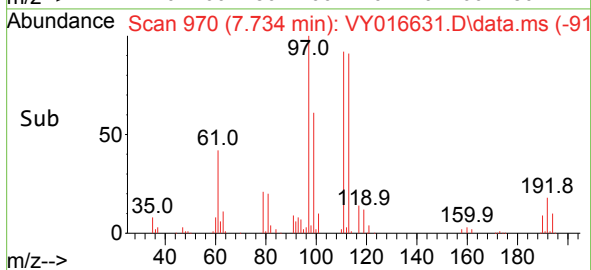
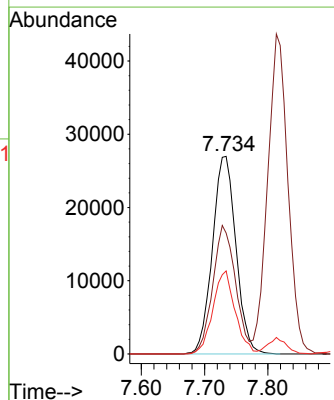
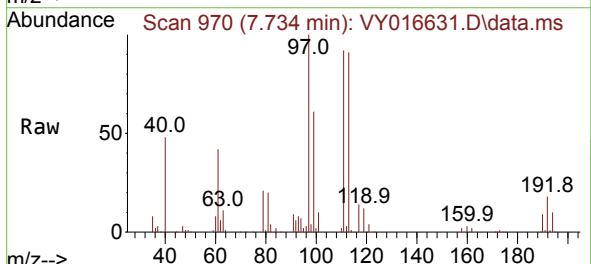


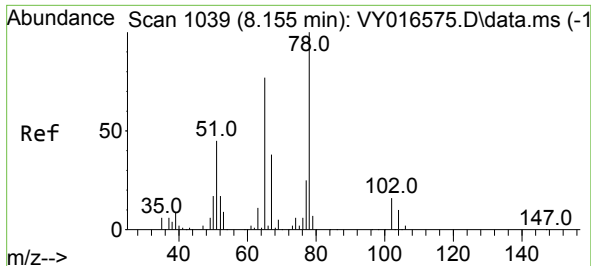
Tgt Ion: 56 Resp: 47932
Ion Ratio Lower Upper
56 100
69 43.8 27.8 41.6#
84 100.5 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 21.838 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 97 Resp: 69654
Ion Ratio Lower Upper
97 100
99 62.8 50.8 76.2
61 39.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.740 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

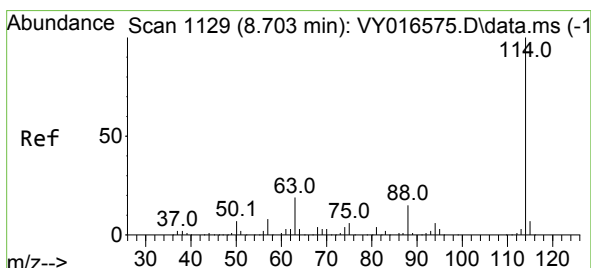
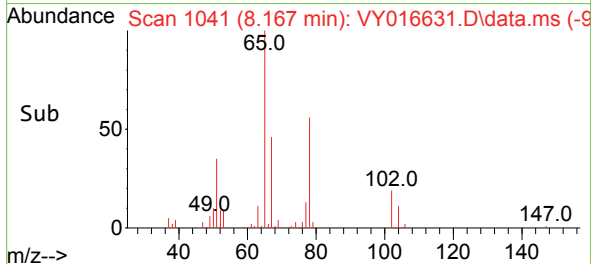
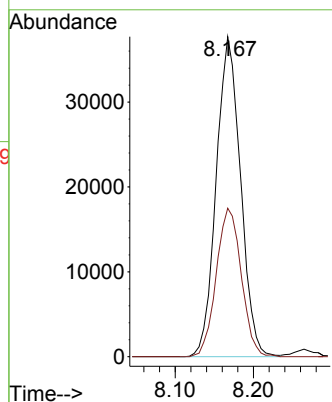
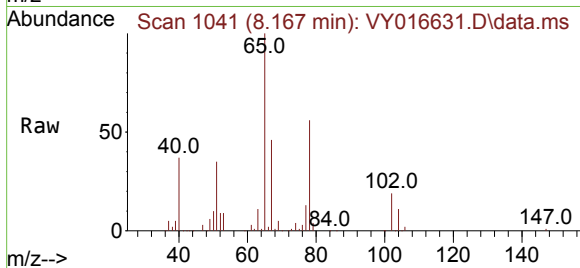
ClientSampleId :

Tgt Ion: 65 Resp: 81412

Ion Ratio Lower Upper

65 100

67 47.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

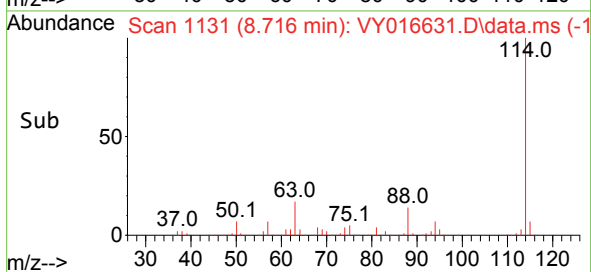
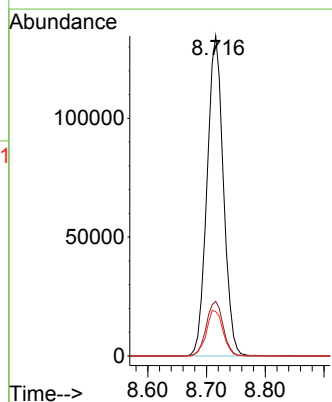
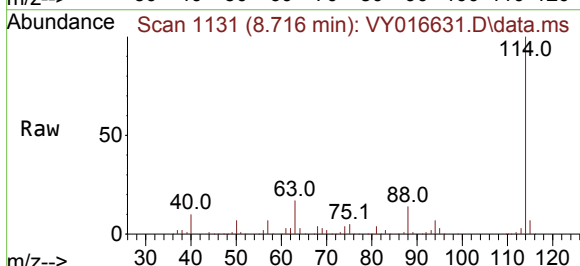
Tgt Ion: 114 Resp: 259469

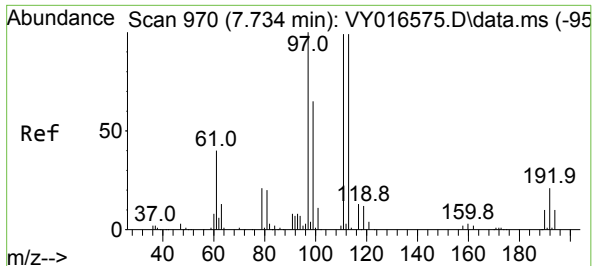
Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.4

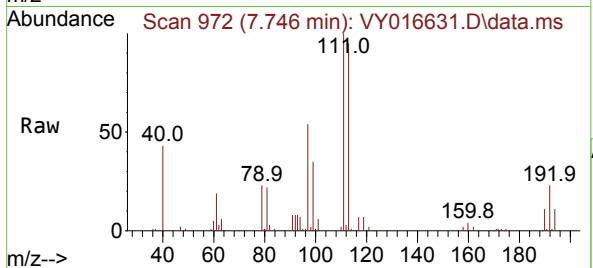
88 13.9 0.0 30.6



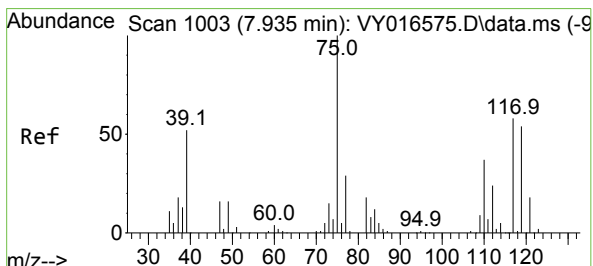
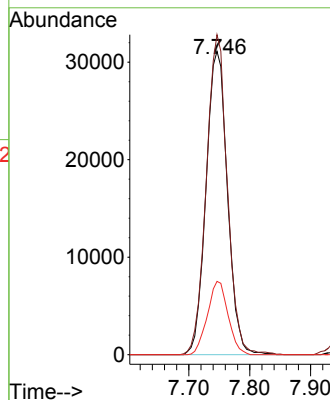
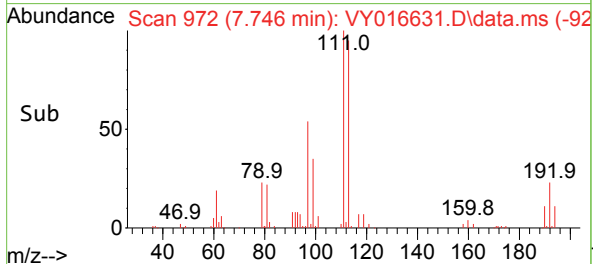


#35
Dibromofluoromethane
Concen: 48.638 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

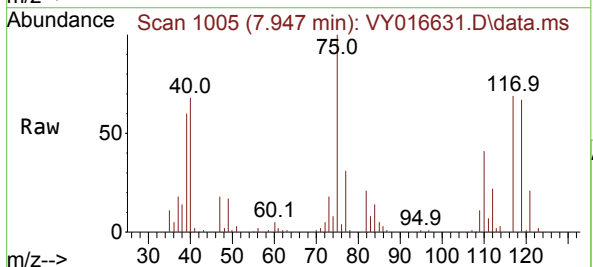
Instrument :
MSVOA_Y
ClientSampleId :



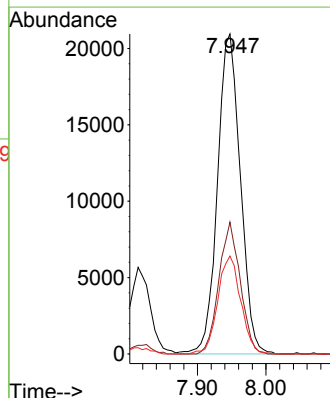
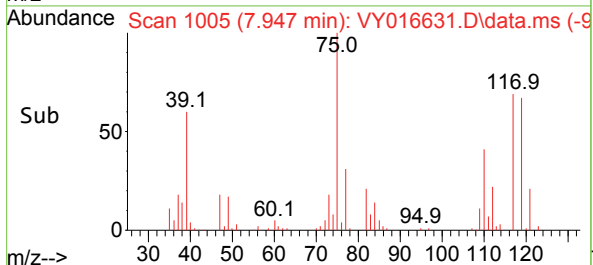
Tgt Ion:113 Resp: 75948
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 23.3 16.9 25.3

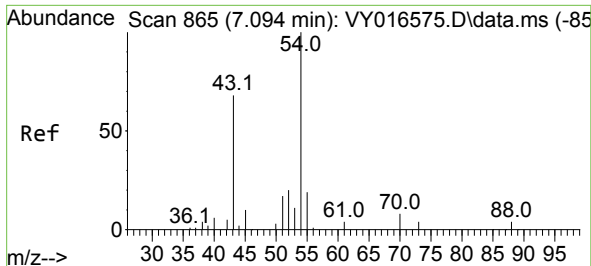


#36
1,1-Dichloropropene
Concen: 20.455 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01



Tgt Ion: 75 Resp: 48552
Ion Ratio Lower Upper
75 100
110 38.4 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 15.586 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016631.D

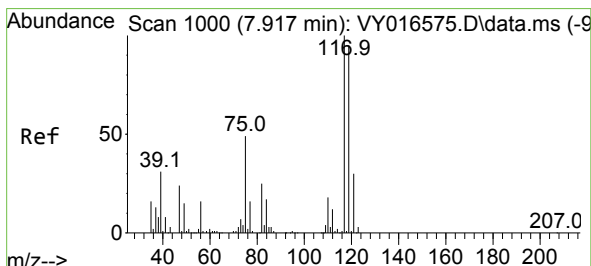
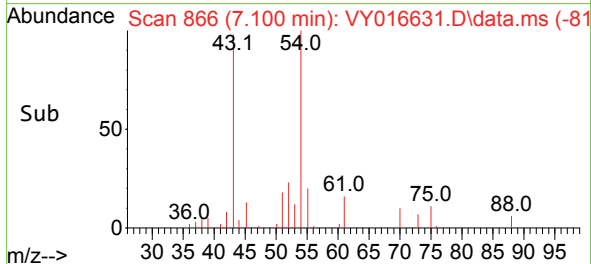
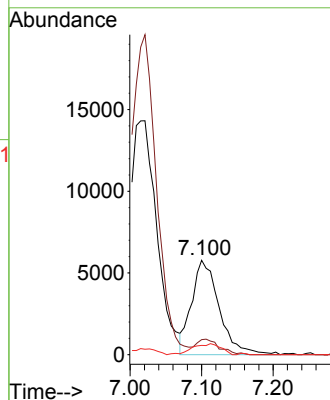
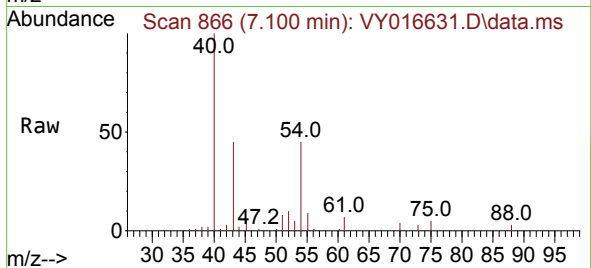
Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 15480
Ion Ratio	Lower Upper
43	100
61	14.3 10.1 15.1
70	12.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 24.292 ug/l

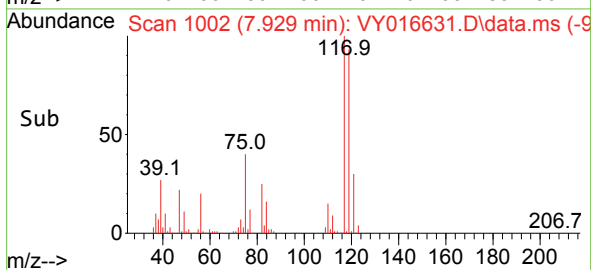
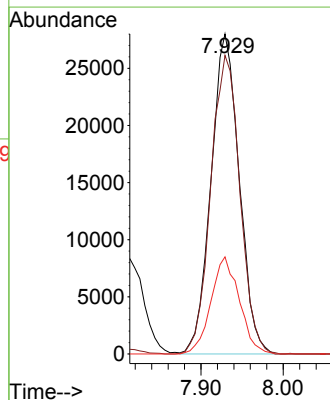
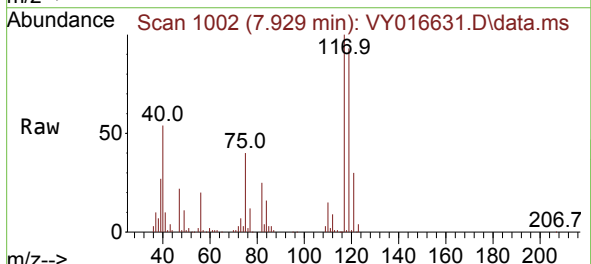
RT: 7.929 min Scan# 1002

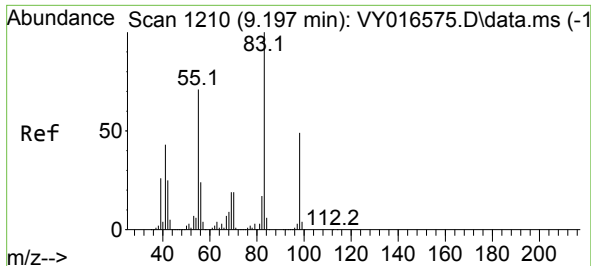
Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Tgt Ion: 117	Resp: 66753
Ion Ratio	Lower Upper
117	100
119	93.3 76.4 114.6
121	30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 20.336 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

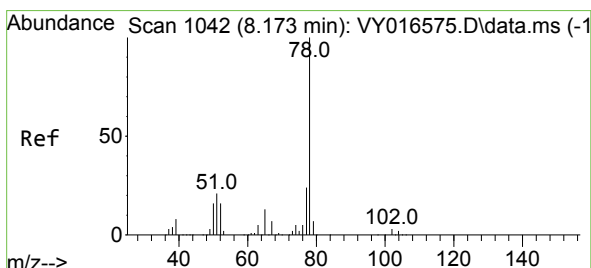
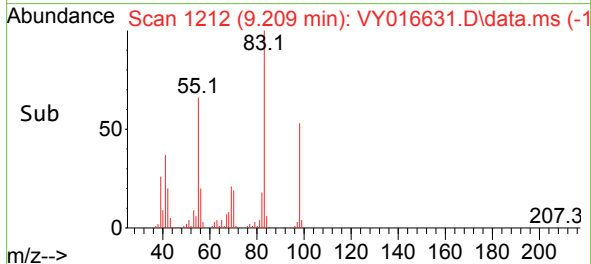
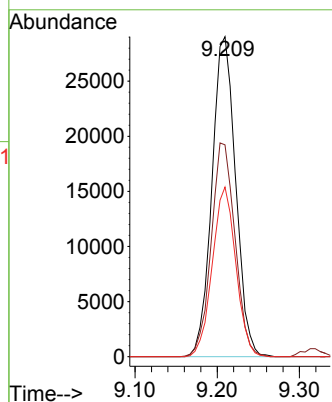
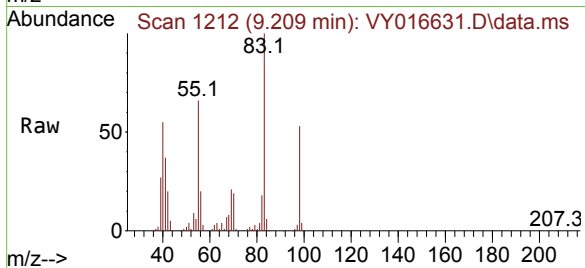
Tgt Ion: 83 Resp: 58158

Ion Ratio Lower Upper

83 100

55 66.2 63.0 94.4

98 53.0 37.4 56.2



#40

Benzene

Concen: 19.875 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016631.D

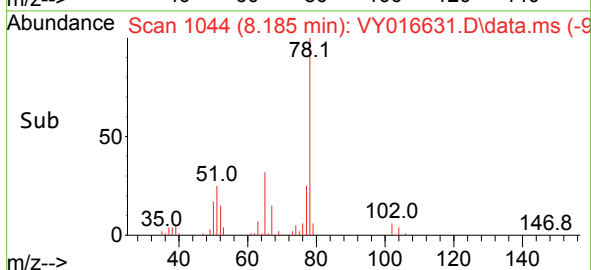
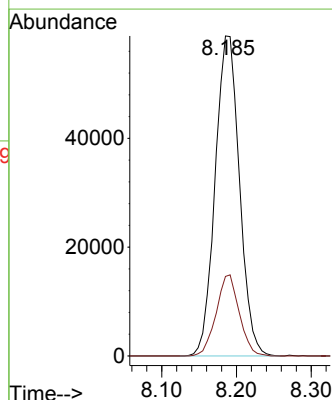
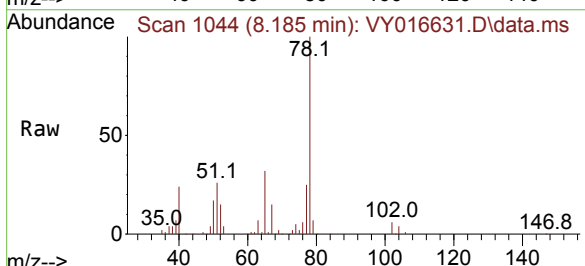
Acq: 07 Dec 2023 18:01

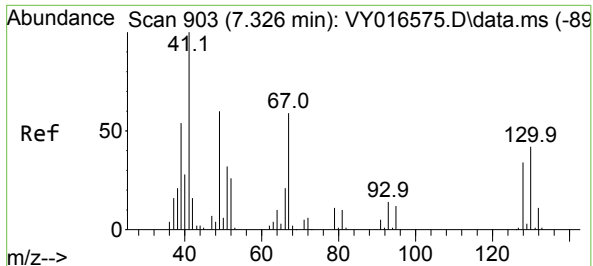
Tgt Ion: 78 Resp: 132974

Ion Ratio Lower Upper

78 100

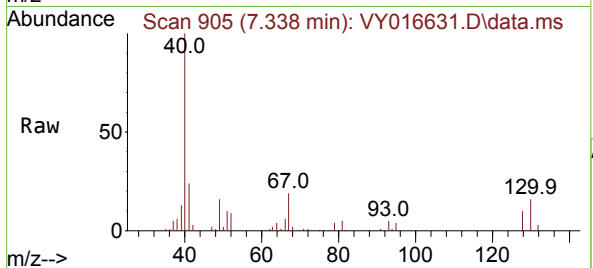
77 24.8 19.0 28.6



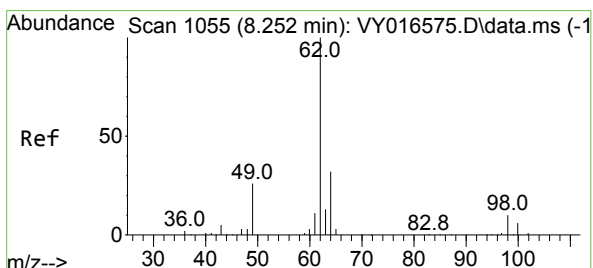
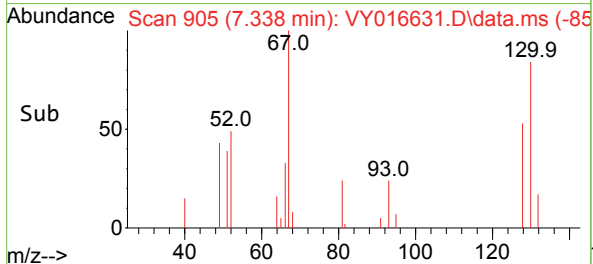
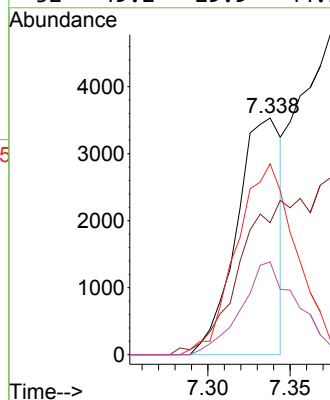


#41
Methacrylonitrile
Concen: 11.689 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :

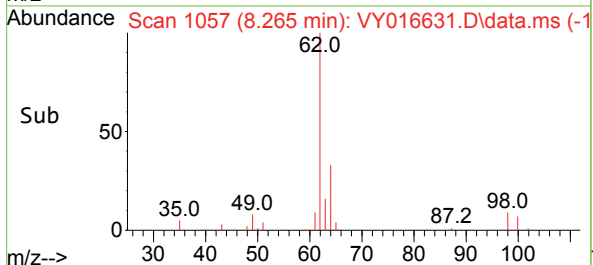
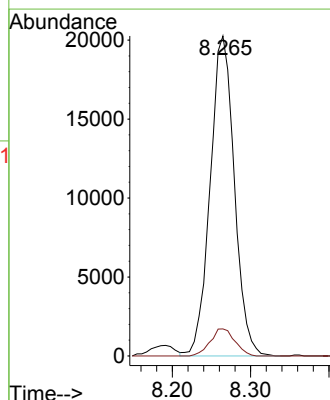
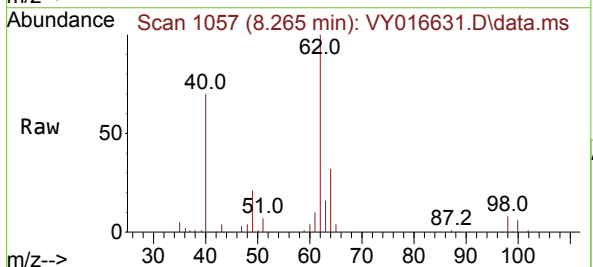


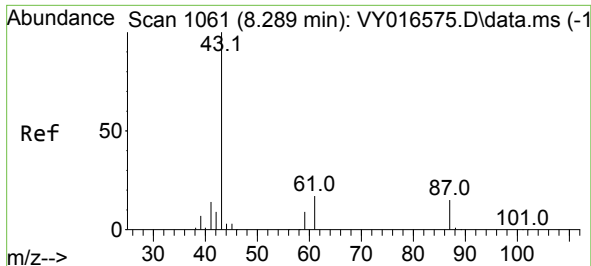
Tgt Ion: 41 Resp: 6705
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 110.7 66.2 99.2#
52 49.2 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 22.389 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

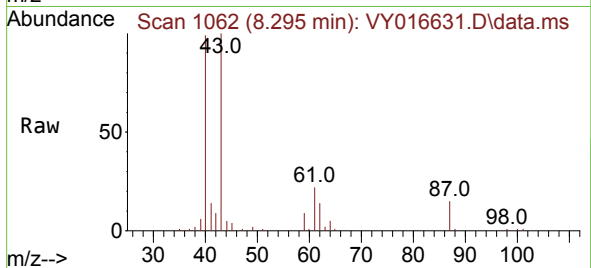
Tgt Ion: 62 Resp: 43495
Ion Ratio Lower Upper
62 100
98 8.6 0.0 15.8



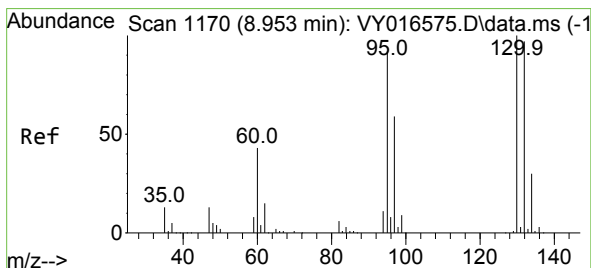
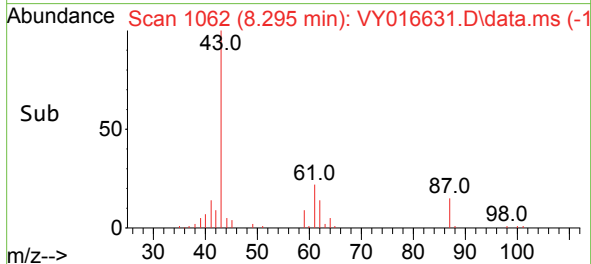
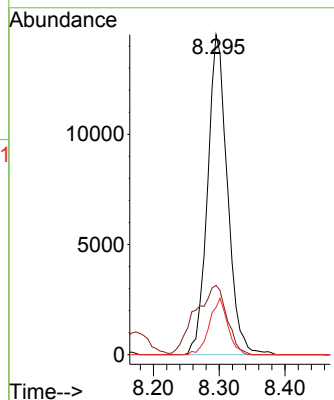


#43
Isopropyl Acetate
Concen: 15.901 ug/l
RT: 8.295 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :

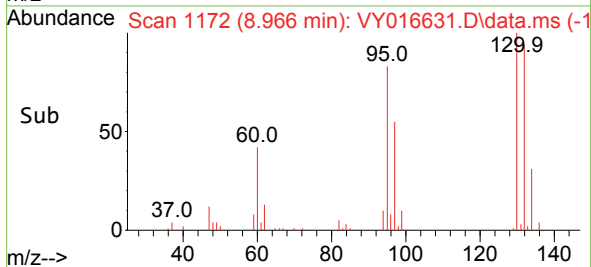
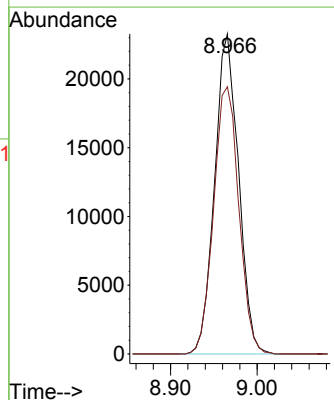
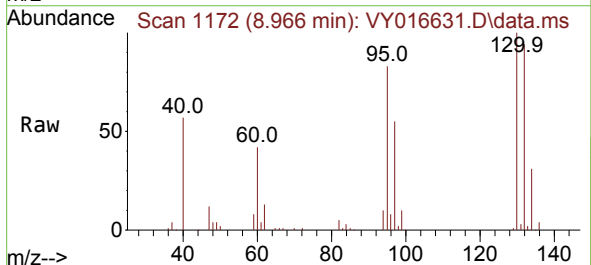


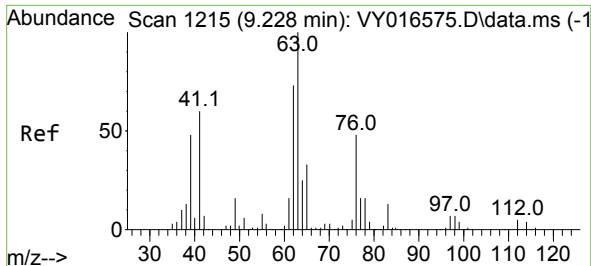
Tgt Ion: 43 Resp: 30466
Ion Ratio Lower Upper
43 100
61 34.4 21.1 31.7#
87 16.3 9.8 14.8#



#44
Trichloroethene
Concen: 22.120 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion:130 Resp: 44630
Ion Ratio Lower Upper
130 100
95 83.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 17.790 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

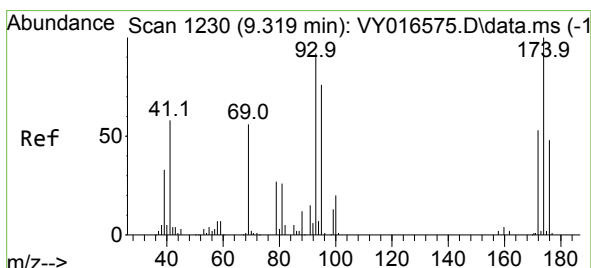
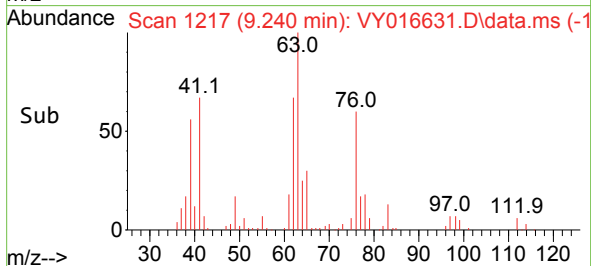
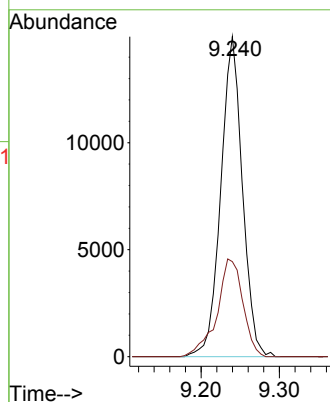
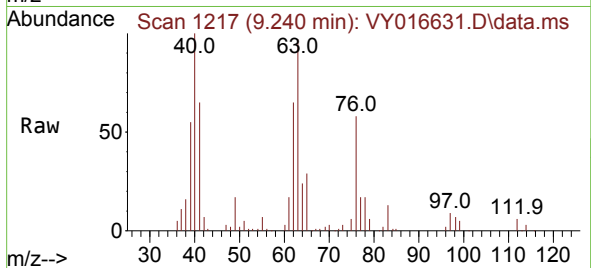
ClientSampleId :

Tgt Ion: 63 Resp: 28655

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.6



#46

Dibromomethane

Concen: 19.295 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

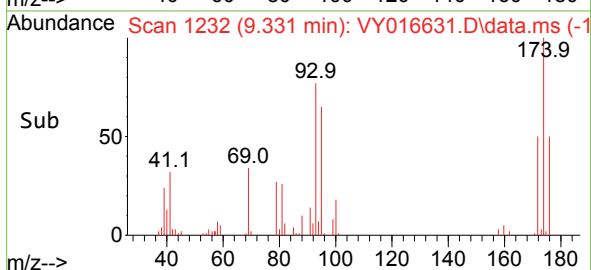
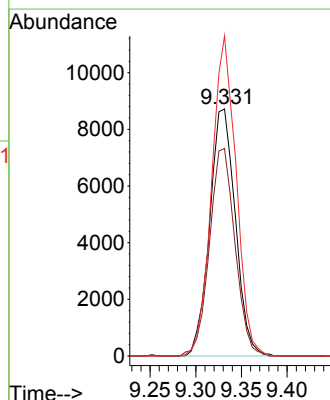
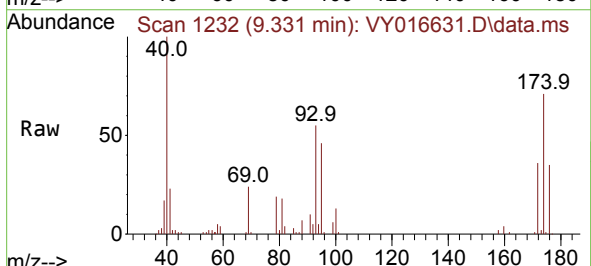
Tgt Ion: 93 Resp: 17038

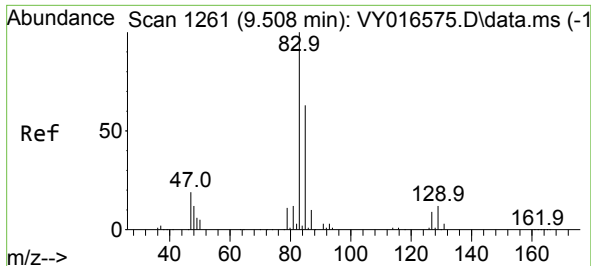
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 122.7 84.8 127.2

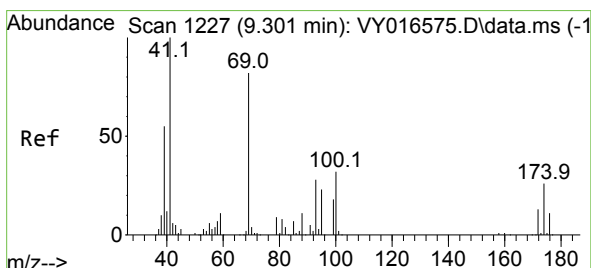
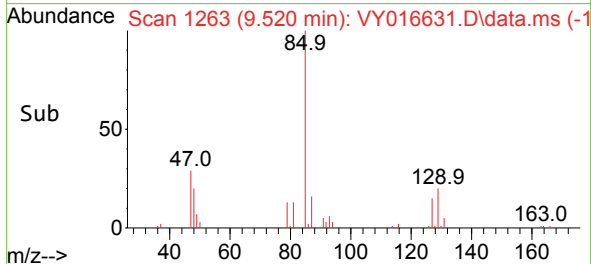
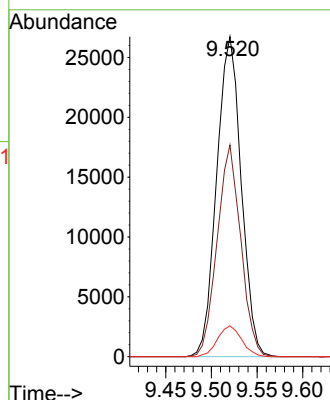
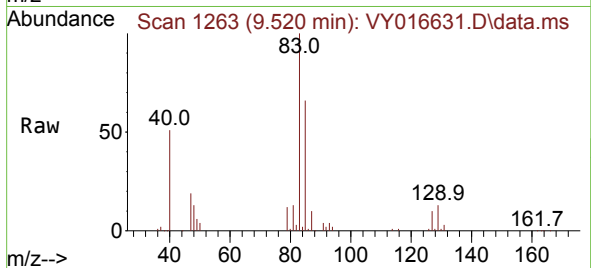




#47
Bromodichloromethane
Concen: 21.258 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

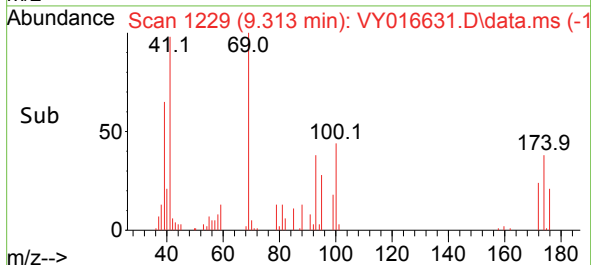
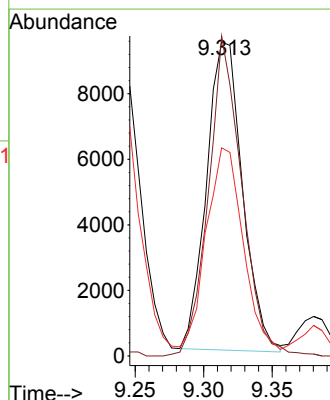
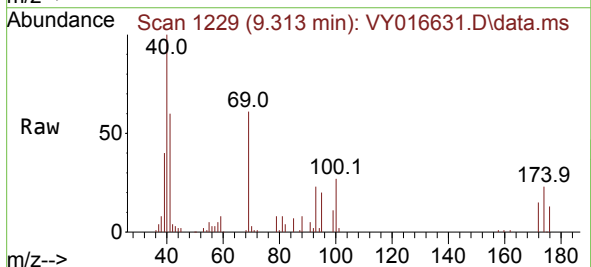
Instrument :
MSVOA_Y
ClientSampleId :

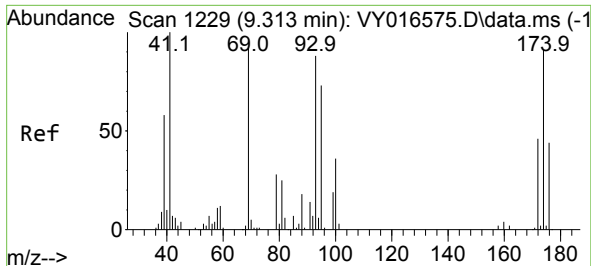
Tgt Ion: 83 Resp: 49974
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 15.530 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 41 Resp: 17185
Ion Ratio Lower Upper
41 100
69 96.0 64.5 96.7
39 66.4 50.8 76.2





#49

1,4-Dioxane

Concen: 372.130 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

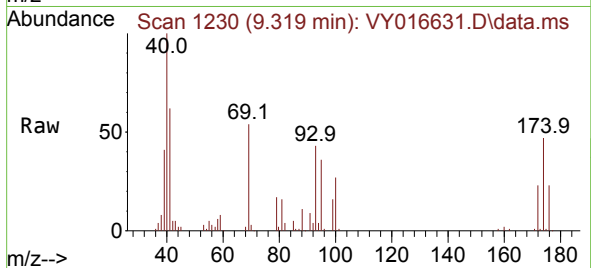
Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :



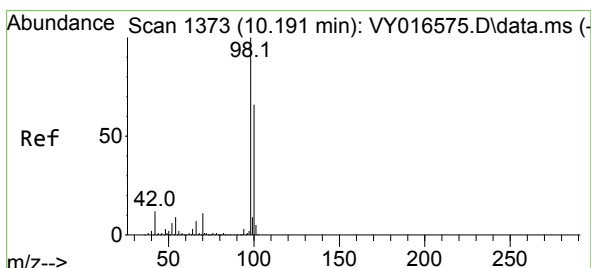
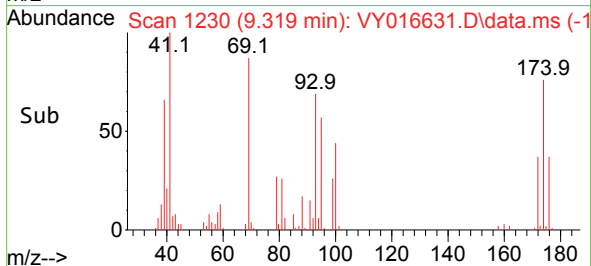
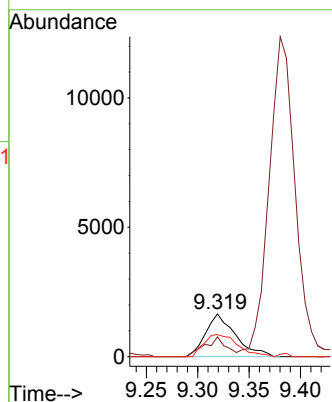
Tgt Ion: 88 Resp: 3326

Ion Ratio Lower Upper

88 100

43 33.7 0.0 0.0#

58 59.1 30.9 46.3#



#50

Toluene-d8

Concen: 50.132 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016631.D

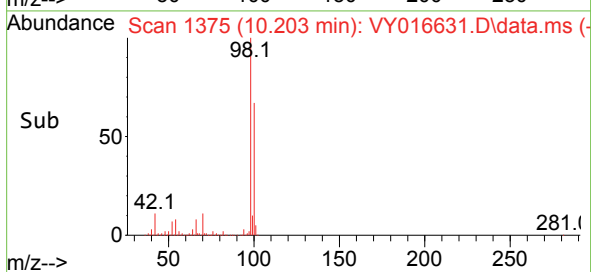
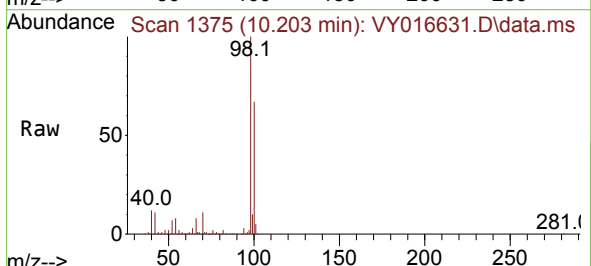
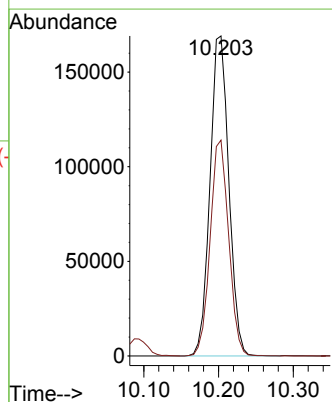
Acq: 07 Dec 2023 18:01

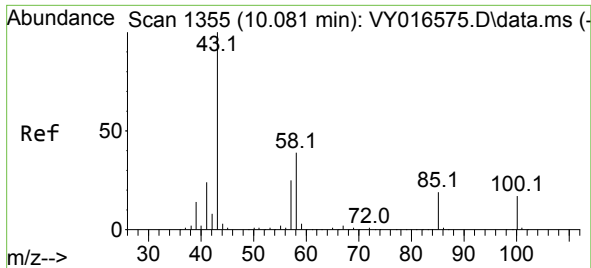
Tgt Ion: 98 Resp: 296101

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 76.084 ug/l

RT: 10.087 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

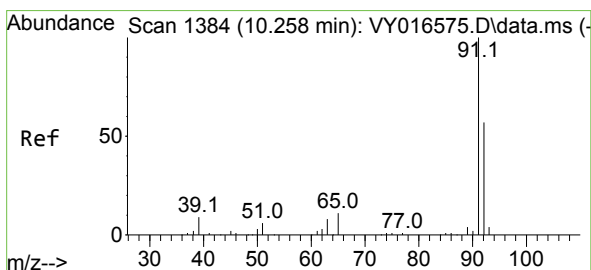
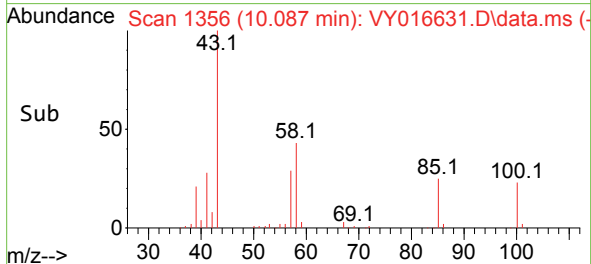
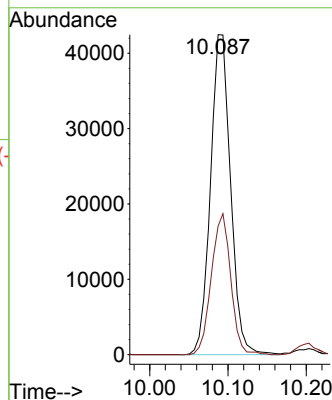
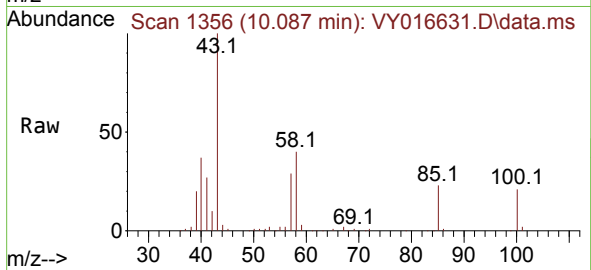
ClientSampleId :

Tgt Ion: 43 Resp: 75760

Ion Ratio Lower Upper

43 100

58 42.4 29.0 43.6



#52

Toluene

Concen: 21.634 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VY016631.D

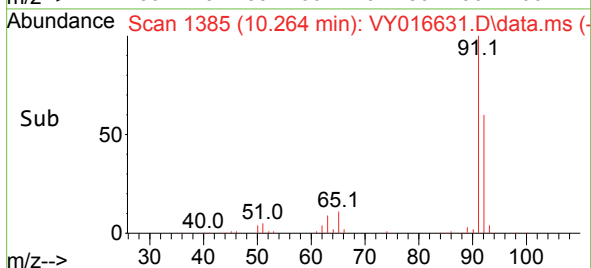
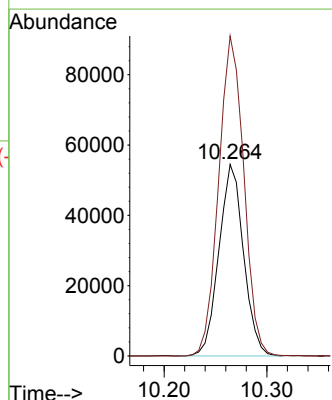
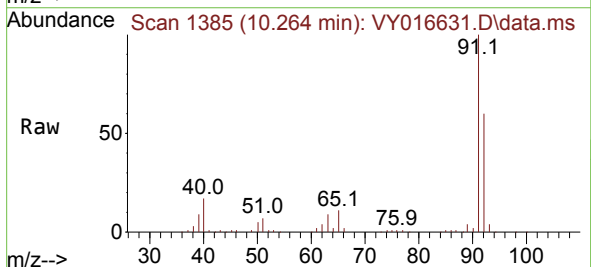
Acq: 07 Dec 2023 18:01

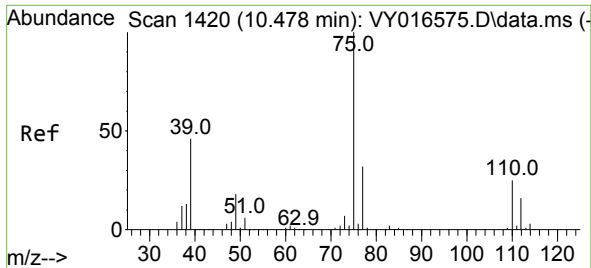
Tgt Ion: 92 Resp: 90715

Ion Ratio Lower Upper

92 100

91 170.7 143.8 215.6

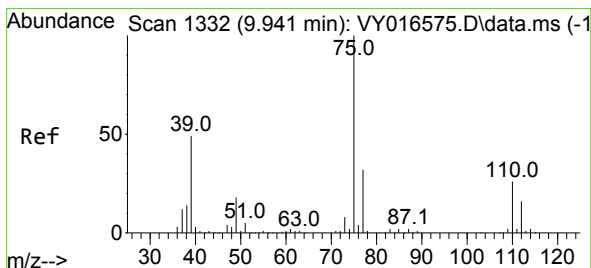
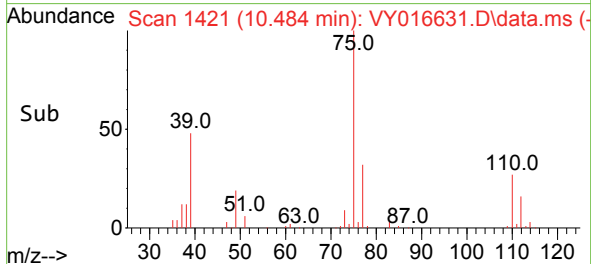
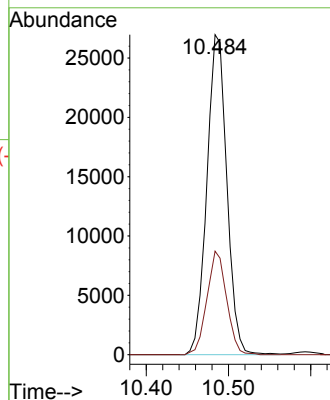
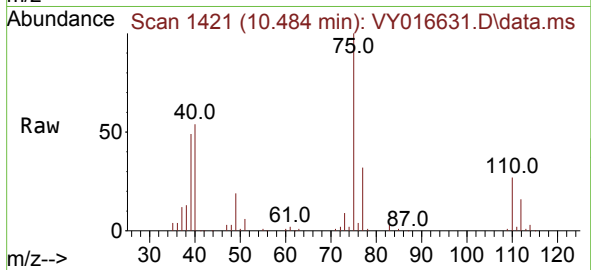




#53
 t-1,3-Dichloropropene
 Concen: 20.537 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016631.D
 Acq: 07 Dec 2023 18:01

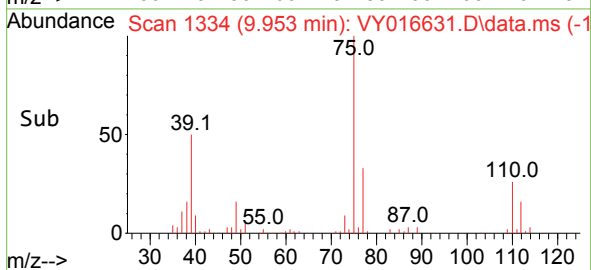
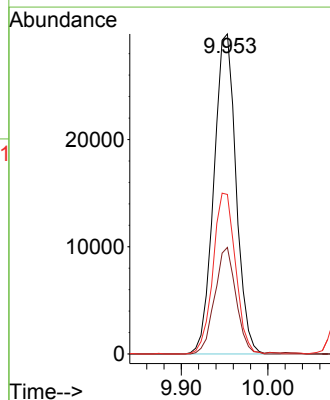
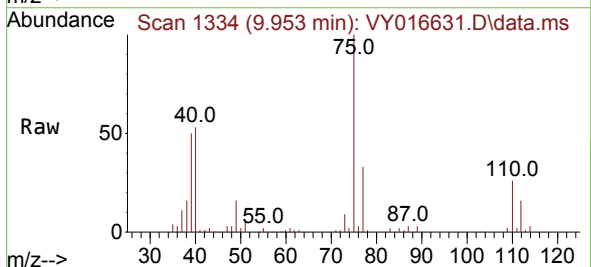
Instrument :
 MSVOA_Y
 ClientSampleId :

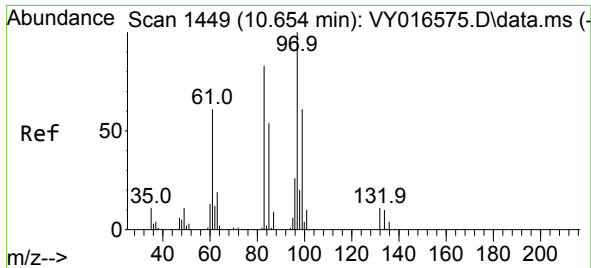
Tgt Ion: 75 Resp: 45564
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.429 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016631.D
 Acq: 07 Dec 2023 18:01

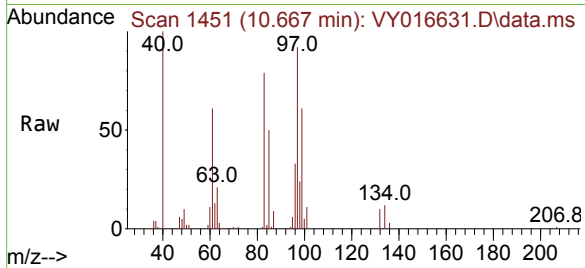
Tgt Ion: 75 Resp: 53229
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.2 36.4
 39 49.9 42.2 63.4



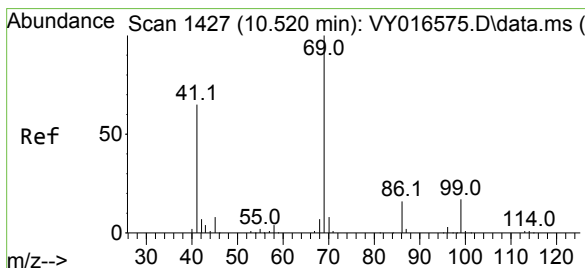
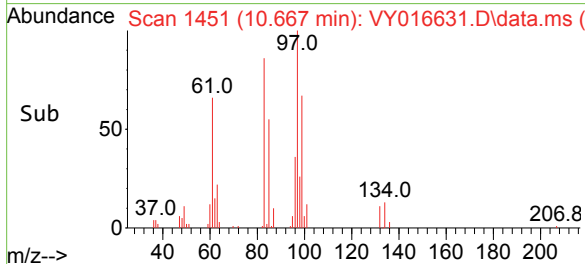
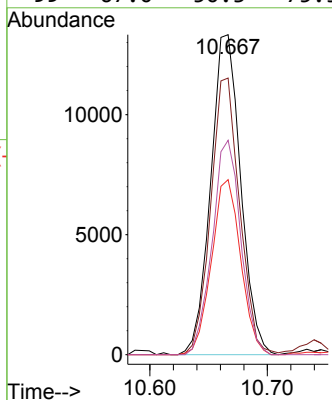


#55
1,1,2-Trichloroethane
Concen: 19.234 ug/l
RT: 10.667 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :

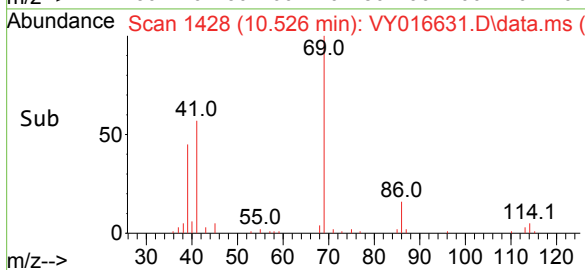
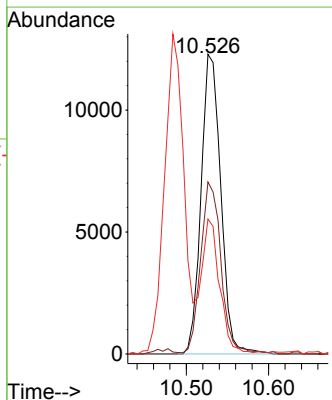
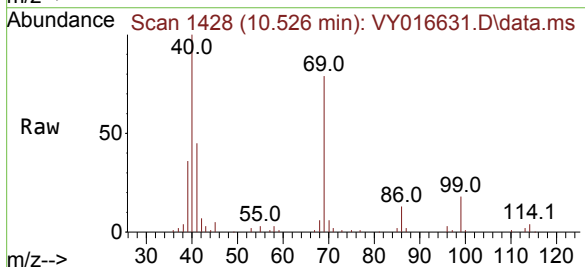


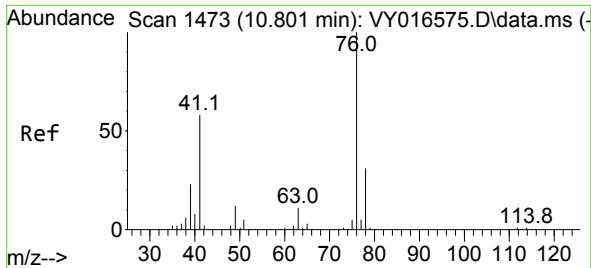
Tgt Ion: 97	Resp: 23659
Ion Ratio	Lower Upper
97 100	
83 86.4	72.0 108.0
85 54.7	45.4 68.0
99 67.0	50.3 75.5



#56
Ethyl methacrylate
Concen: 18.165 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 69	Resp: 20481
Ion Ratio	Lower Upper
69 100	
41 59.6	57.6 86.4
39 41.2	34.1 51.1

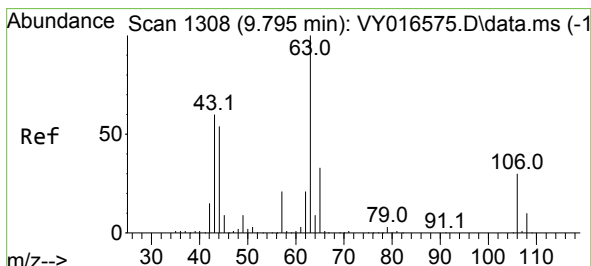
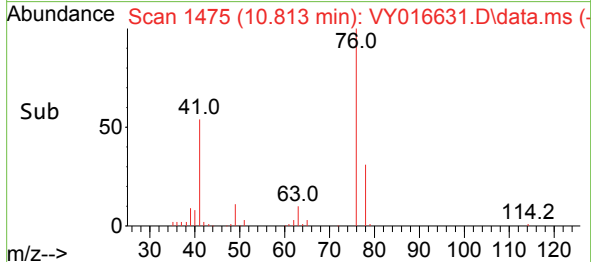
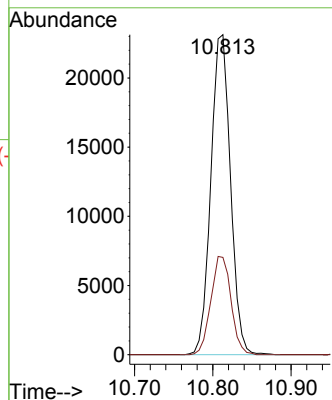
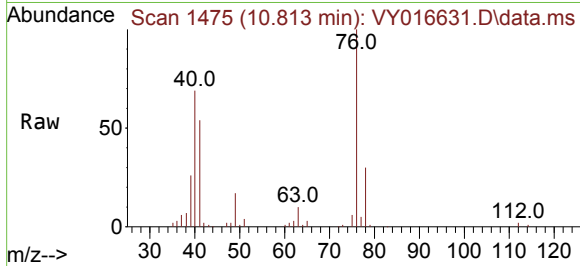




#57
1,3-Dichloropropane
Concen: 19.373 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

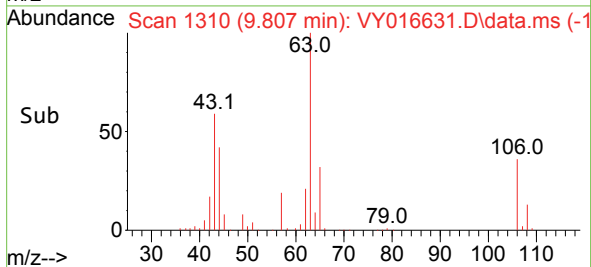
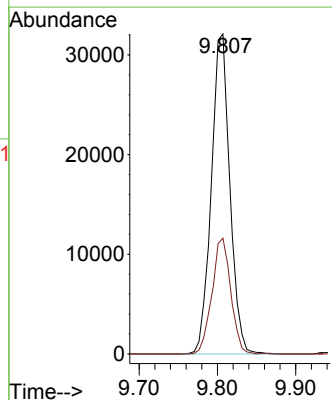
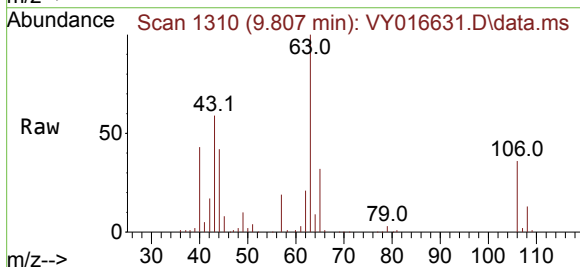
Instrument :
MSVOA_Y
ClientSampleId :

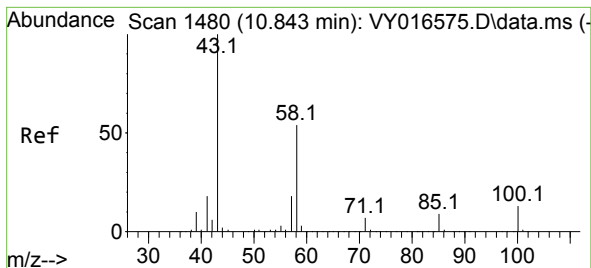
Tgt Ion: 76 Resp: 40255
Ion Ratio Lower Upper
76 100
78 31.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 75.986 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 63 Resp: 52797
Ion Ratio Lower Upper
63 100
106 36.7 21.2 31.8#

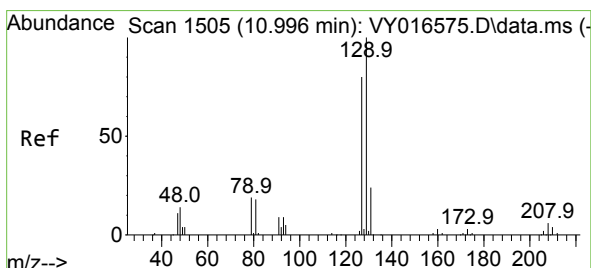
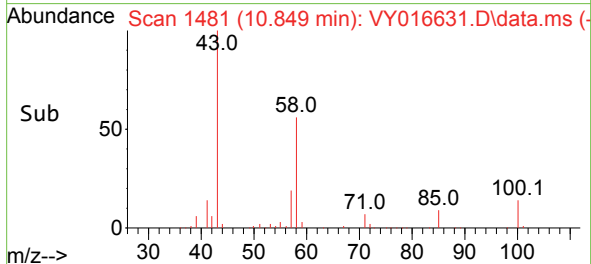
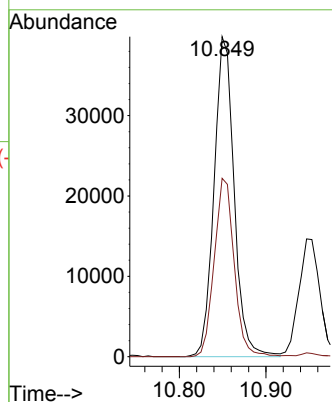
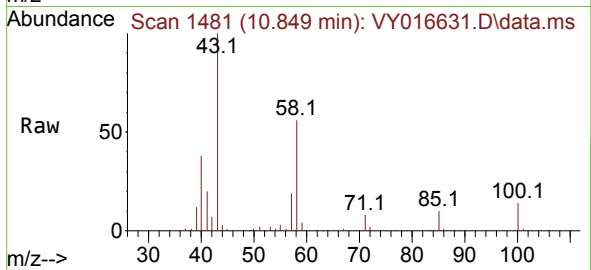




#59
2-Hexanone
Concen: 85.175 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

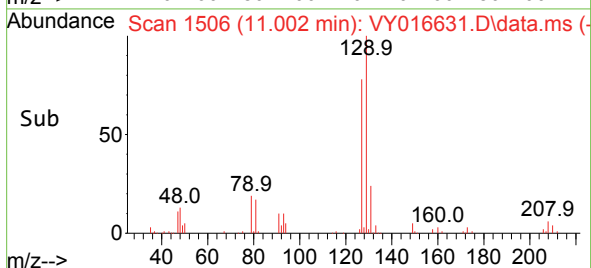
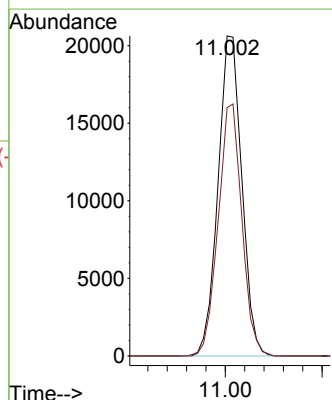
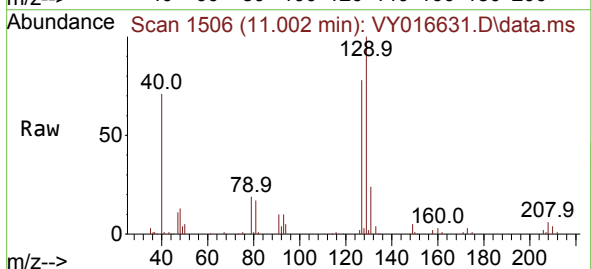
Instrument :
MSVOA_Y
ClientSampleId :

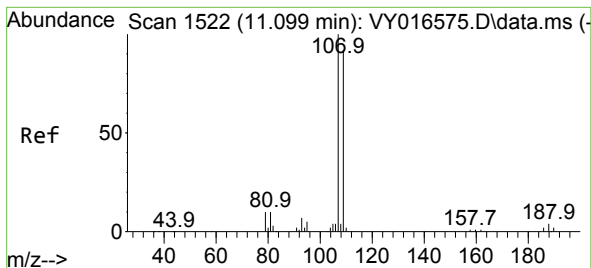
Tgt Ion: 43 Resp: 64159
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3



#60
Dibromochloromethane
Concen: 21.404 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion:129 Resp: 35177
Ion Ratio Lower Upper
129 100
127 78.3 38.5 115.5

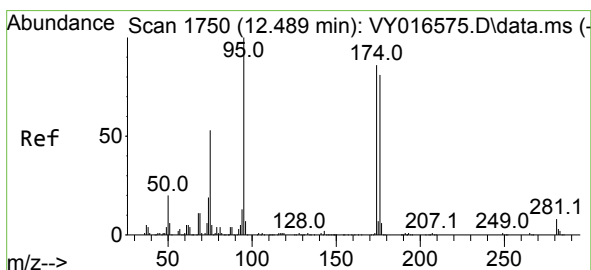
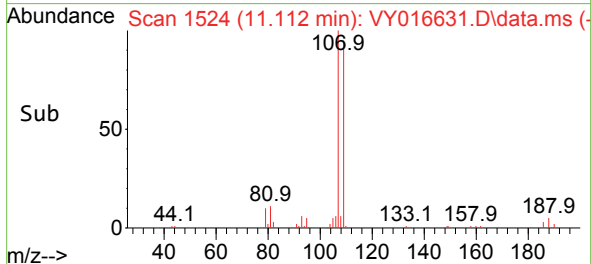
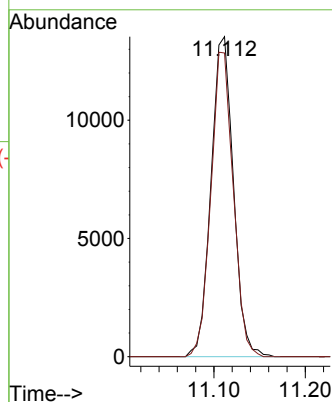
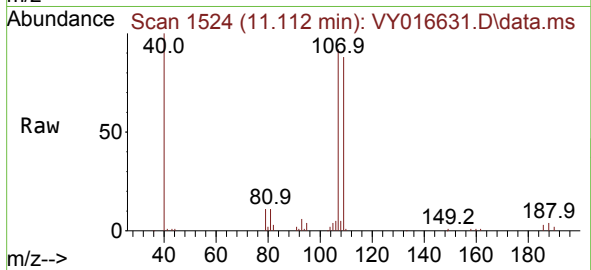




#61
1,2-Dibromoethane
Concen: 19.879 ug/l
RT: 11.112 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

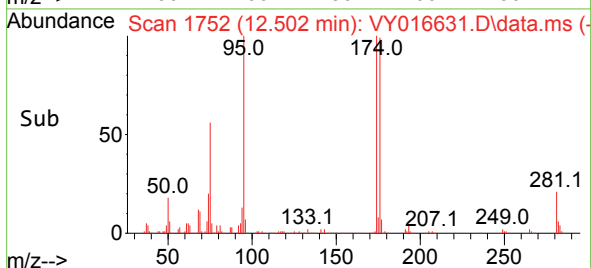
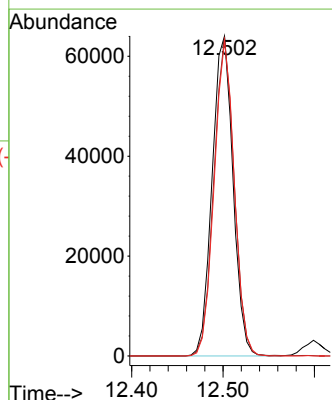
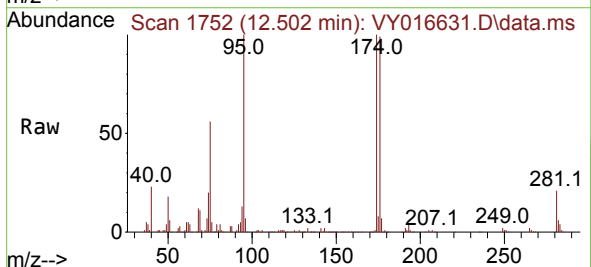
Instrument :
MSVOA_Y
ClientSampleId :

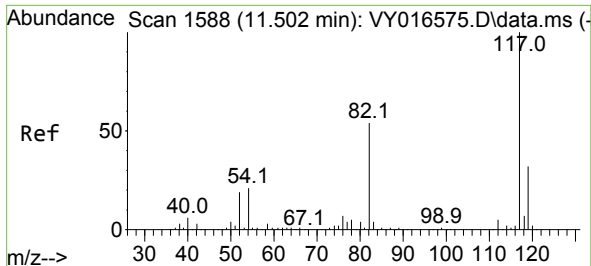
Tgt Ion:107 Resp: 22998
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.245 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

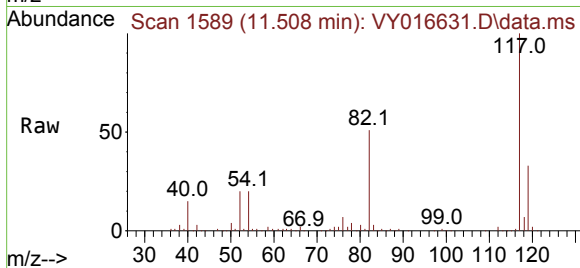
Tgt Ion: 95 Resp: 101477
Ion Ratio Lower Upper
95 100
174 96.8 0.0 178.2
176 95.0 0.0 173.8



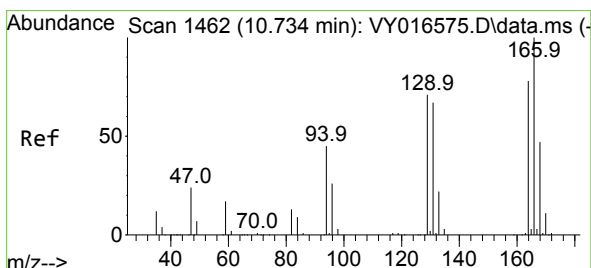
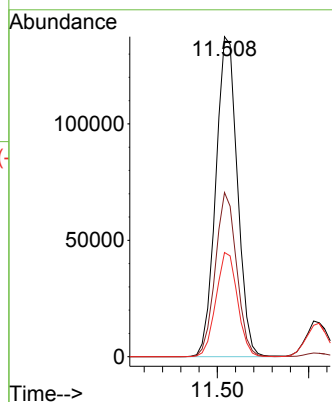
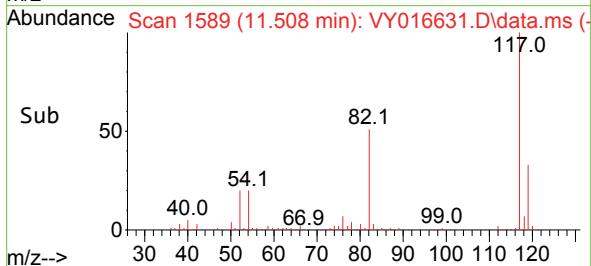


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

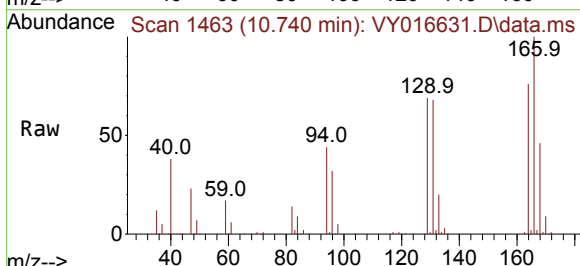
Instrument :
MSVOA_Y
ClientSampleId :



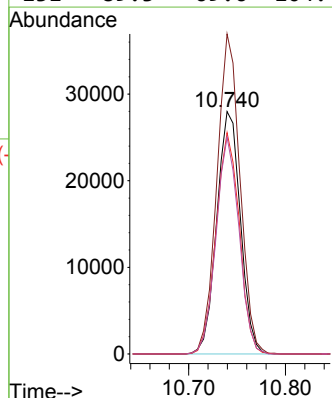
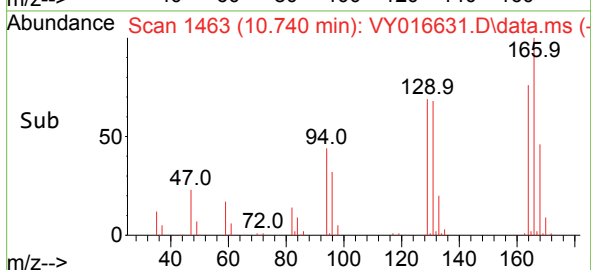
Tgt Ion:117 Resp: 225647
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 32.5 26.3 39.5

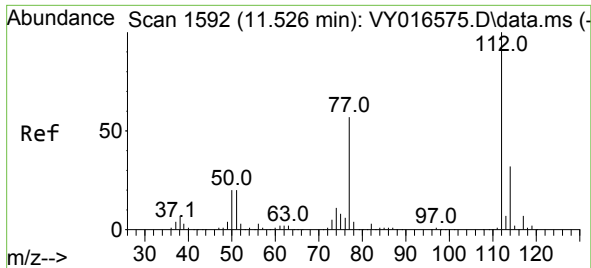


#64
Tetrachloroethene
Concen: 22.968 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01



Tgt Ion:164 Resp: 47498
Ion Ratio Lower Upper
164 100
166 132.0 103.0 154.6
129 91.3 77.2 115.8
131 89.3 69.6 104.4

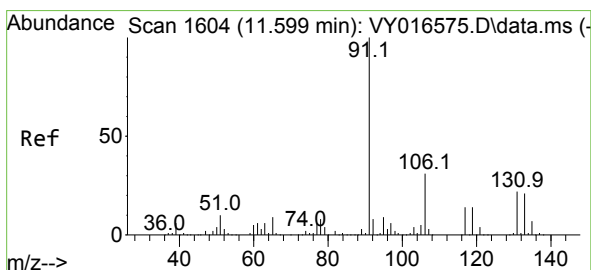
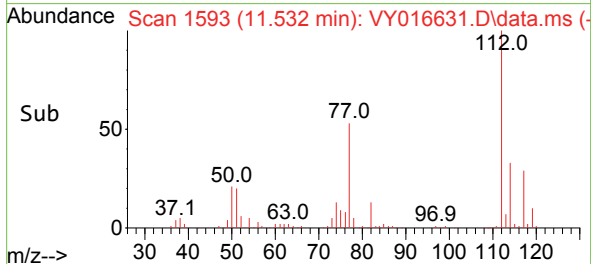
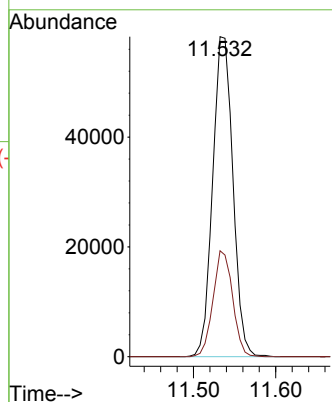
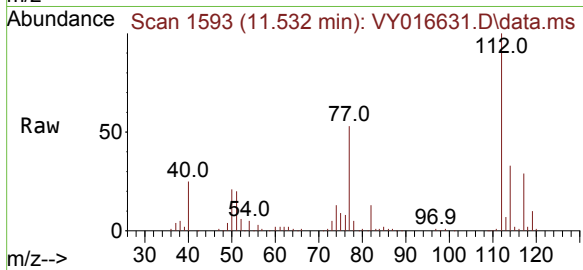




#65
Chlorobenzene
Concen: 21.806 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

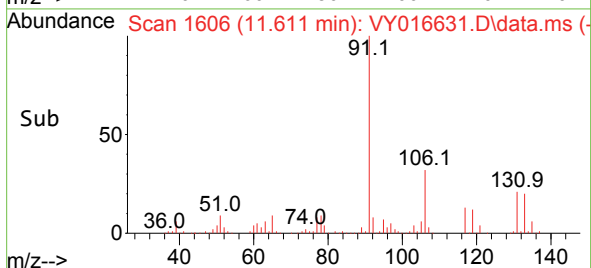
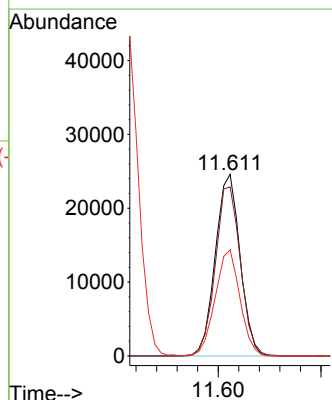
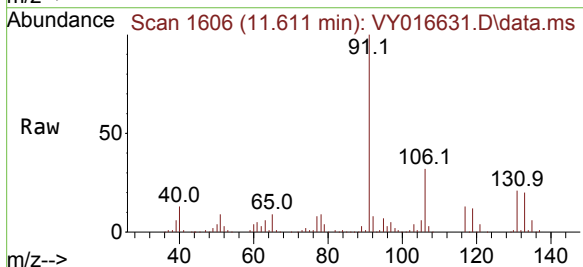
Instrument :
MSVOA_Y
ClientSampleId :

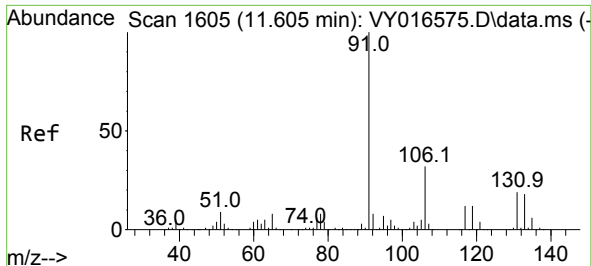
Tgt Ion:112 Resp: 99662
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.922 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

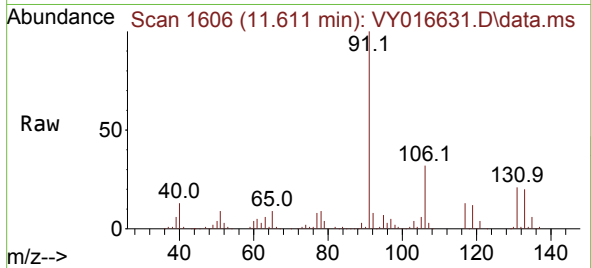
Tgt Ion:131 Resp: 40946
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 58.7 31.6 94.7



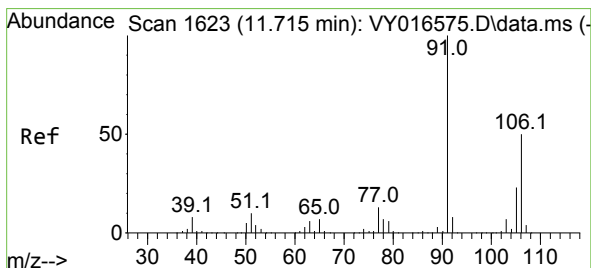
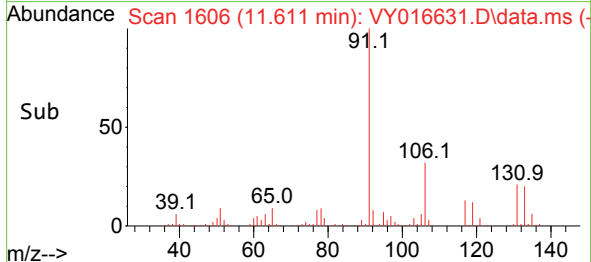
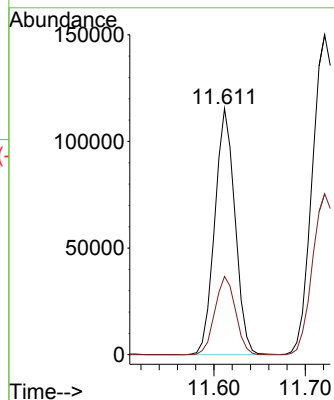


#67
Ethyl Benzene
Concen: 21.686 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Instrument :
MSVOA_Y
ClientSampleId :

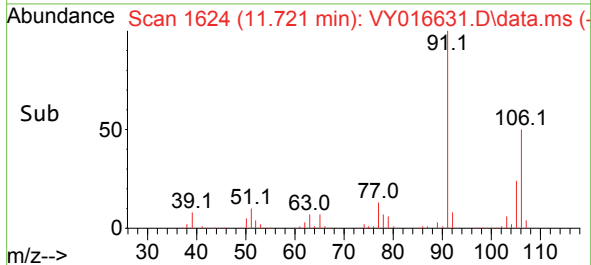
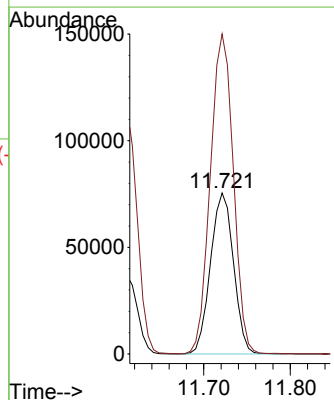
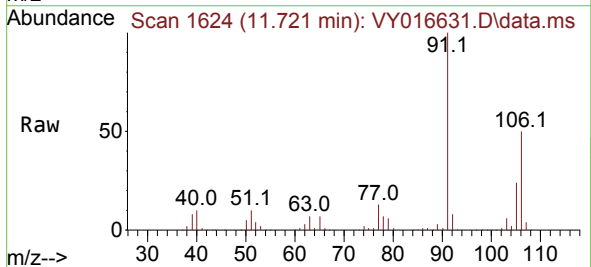


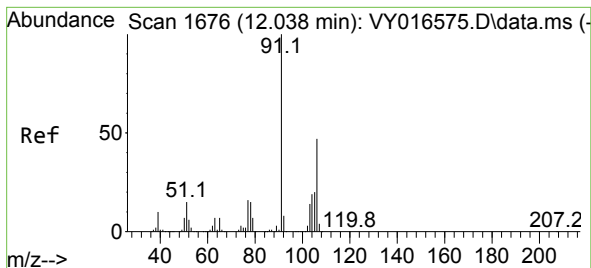
Tgt Ion: 91 Resp: 177754
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 44.769 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 106 Resp: 139304
Ion Ratio Lower Upper
106 100
91 199.3 166.1 249.1

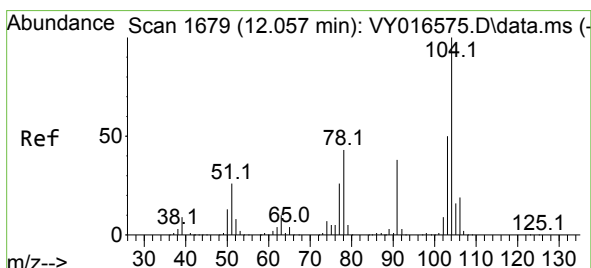
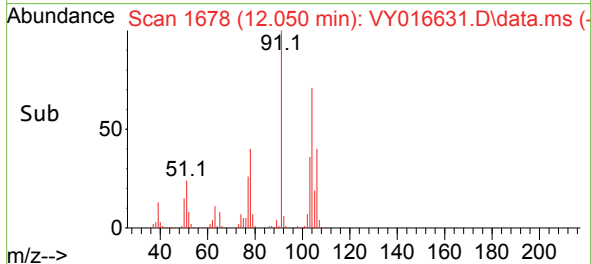
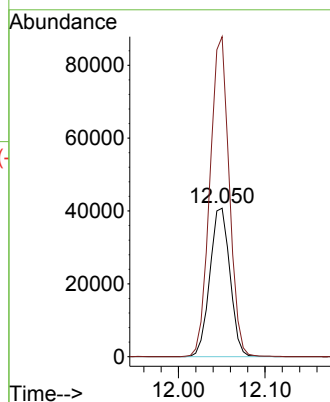
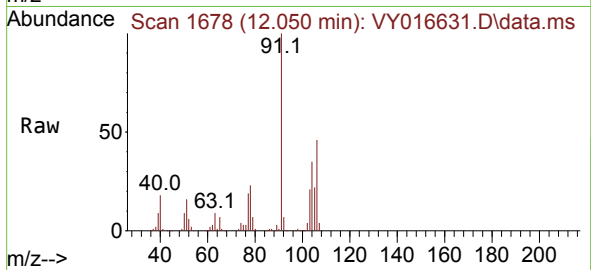




#69
o-Xylene
Concen: 22.615 ug/l
RT: 12.050 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

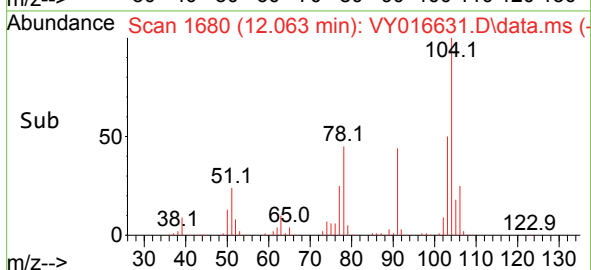
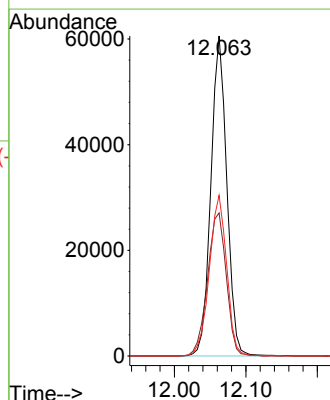
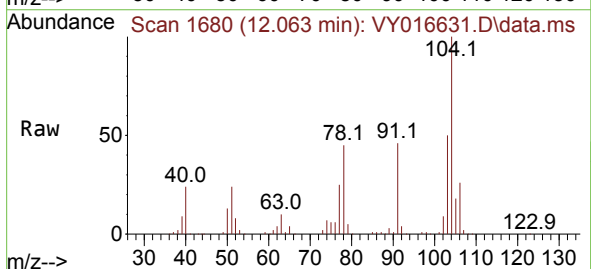
Instrument :
MSVOA_Y
ClientSampleId :

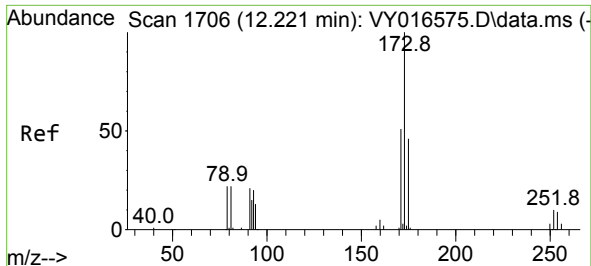
Tgt Ion:106 Resp: 65691
Ion Ratio Lower Upper
106 100
91 207.6 108.1 324.3



#70
Styrene
Concen: 22.463 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion:104 Resp: 93619
Ion Ratio Lower Upper
104 100
78 52.6 41.5 62.3
103 54.7 44.6 67.0

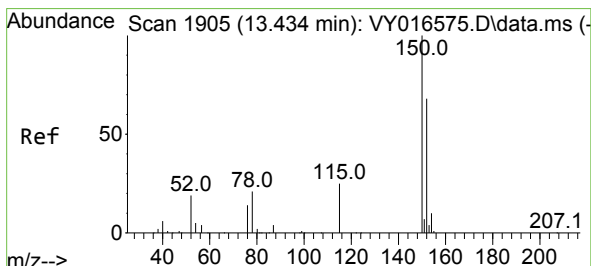
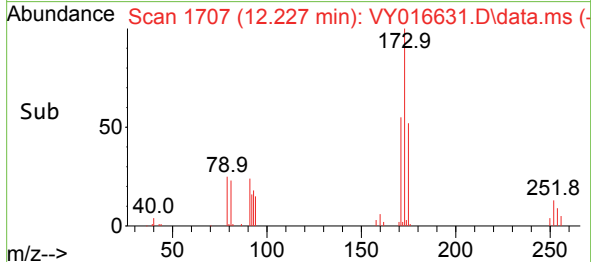
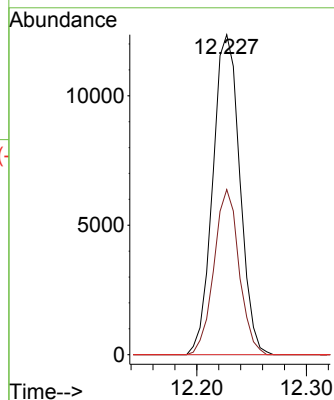
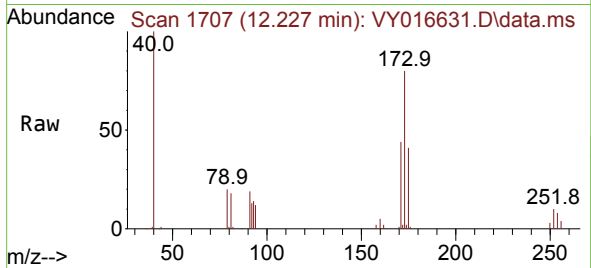




#71
Bromoform
Concen: 21.914 ug/l
RT: 12.227 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

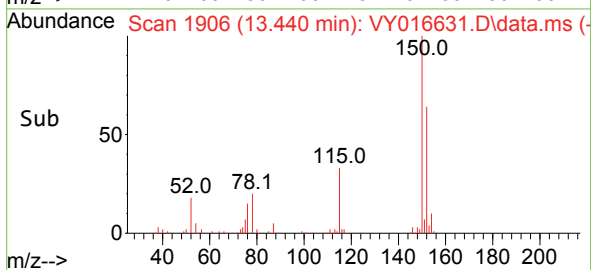
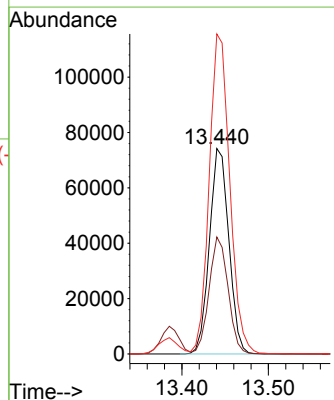
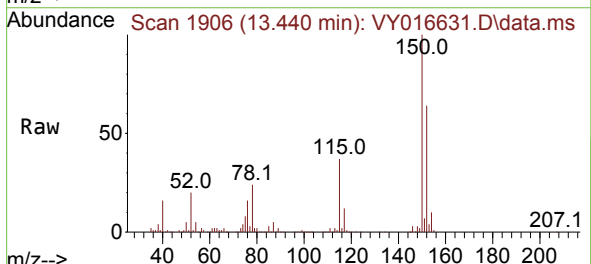
Instrument :
MSVOA_Y
ClientSampleId :

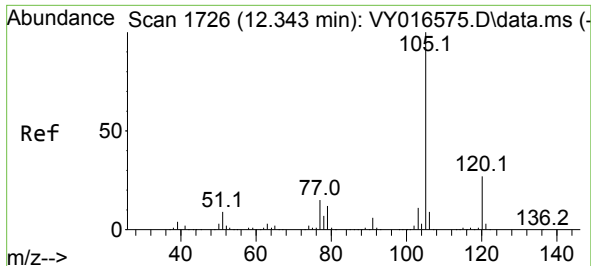
Tgt Ion:173 Resp: 21137
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion:152 Resp: 115447
Ion Ratio Lower Upper
152 100
115 55.8 28.8 86.5
150 164.9 0.0 348.8

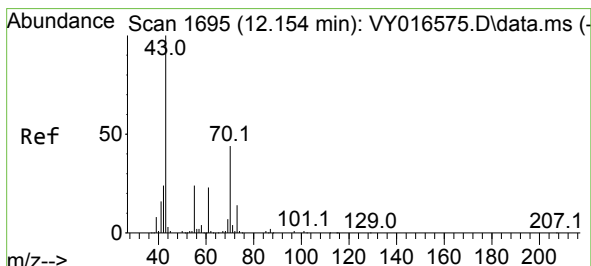
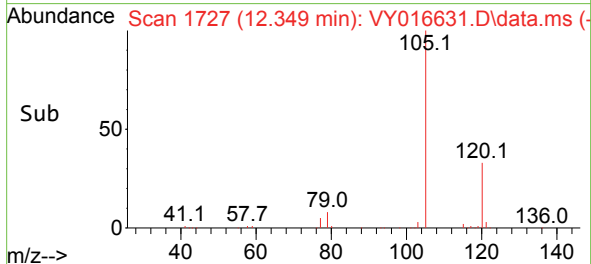
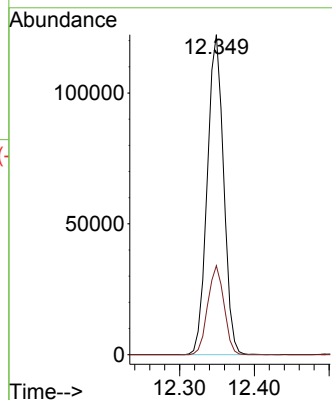
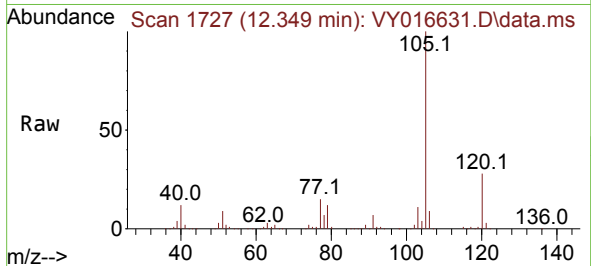




#73
Isopropylbenzene
Concen: 21.732 ug/l
RT: 12.349 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

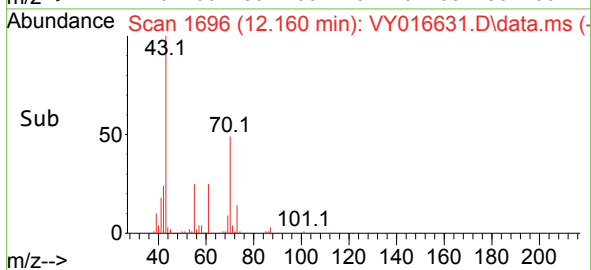
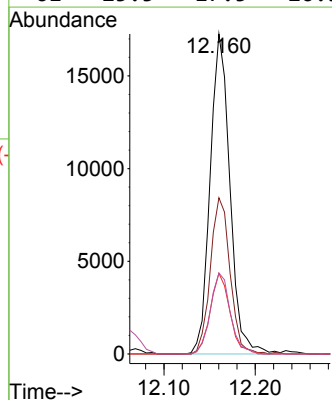
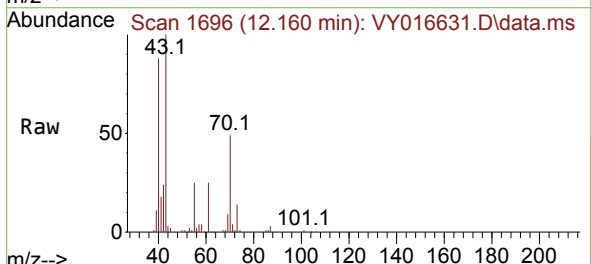
Instrument :
MSVOA_Y
ClientSampleId :

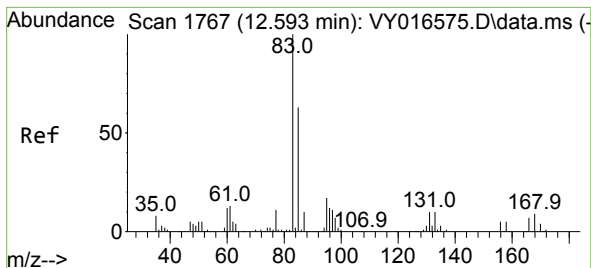
Tgt Ion:105 Resp: 185775
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.9



#74
N-ethyl acetate
Concen: 15.194 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 43 Resp: 25900
Ion Ratio Lower Upper
43 100
70 48.5 29.7 44.5#
55 24.9 18.3 27.5
61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 16.200 ug/l

RT: 12.599 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

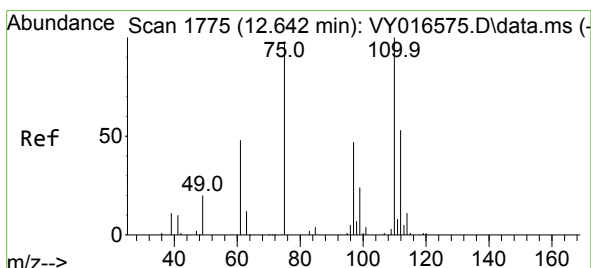
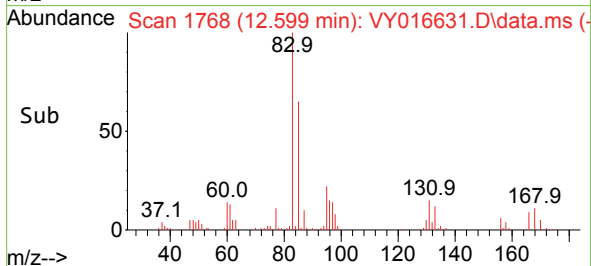
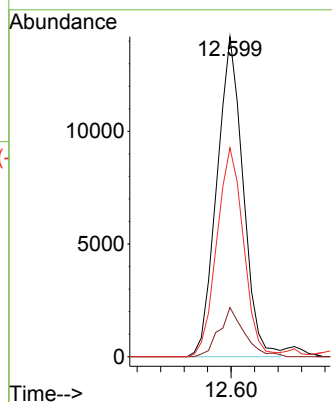
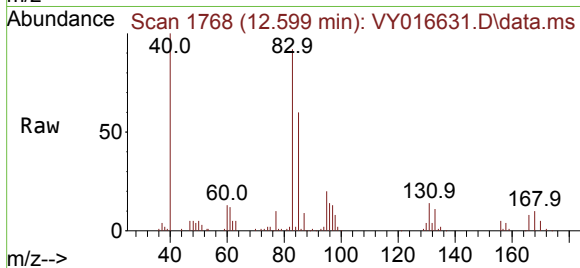
Tgt Ion: 83 Resp: 22026

Ion Ratio Lower Upper

83 100

131 14.7 5.4 16.2

85 66.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 31.930 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016631.D

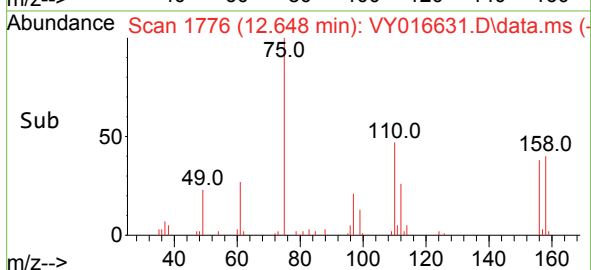
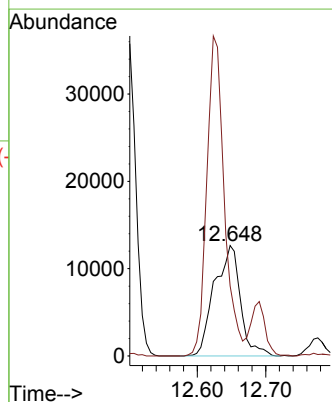
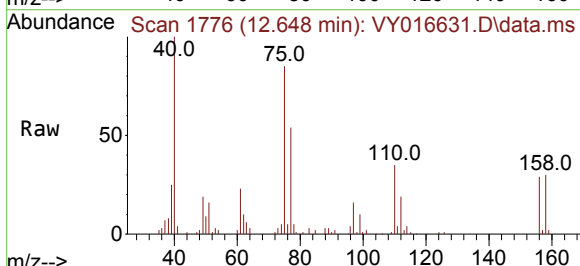
Acq: 07 Dec 2023 18:01

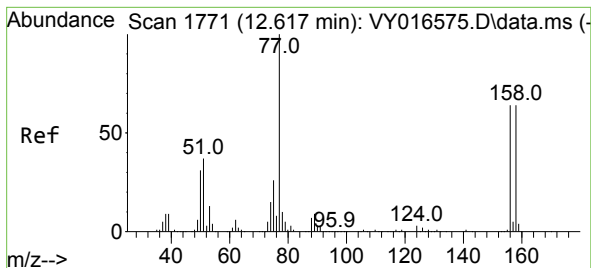
Tgt Ion: 75 Resp: 33299

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.912 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

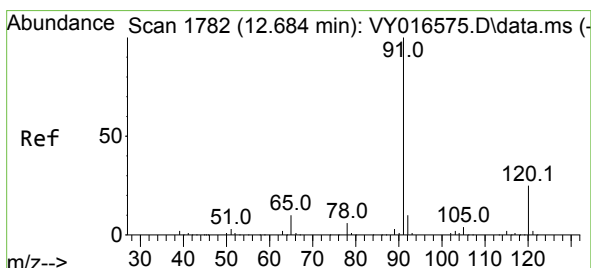
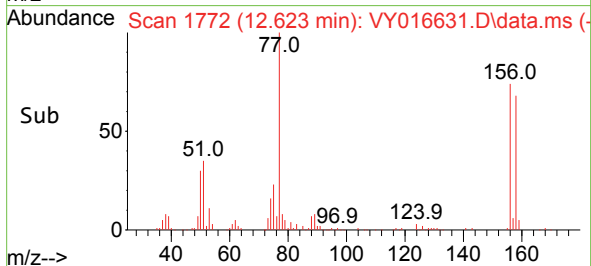
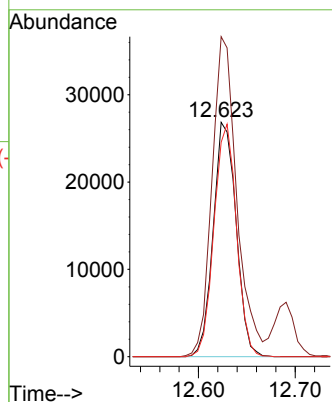
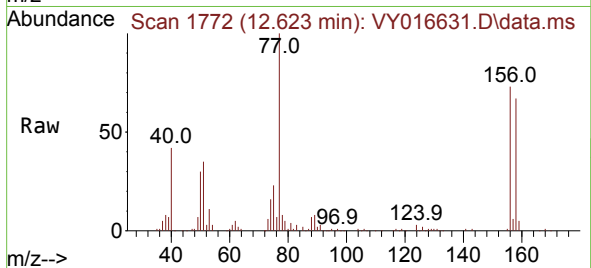
Tgt Ion:156 Resp: 44146

Ion Ratio Lower Upper

156 100

77 147.8 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 21.251 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.006 min

Lab File: VY016631.D

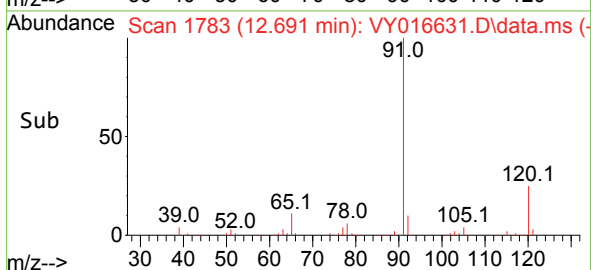
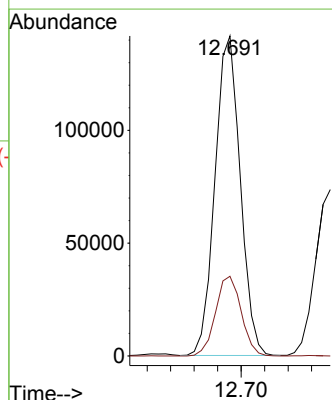
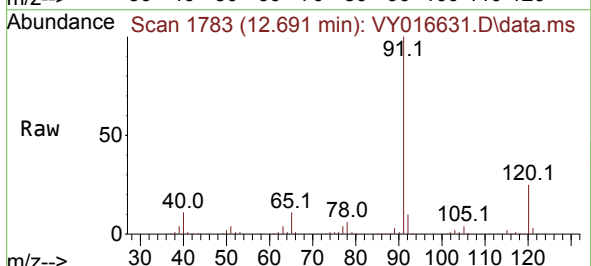
Acq: 07 Dec 2023 18:01

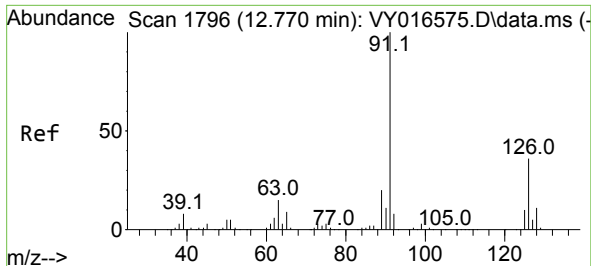
Tgt Ion: 91 Resp: 211446

Ion Ratio Lower Upper

91 100

120 25.3 11.5 34.4

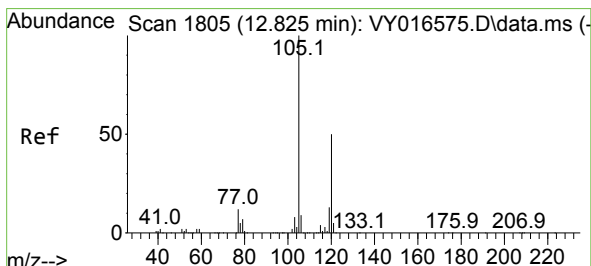
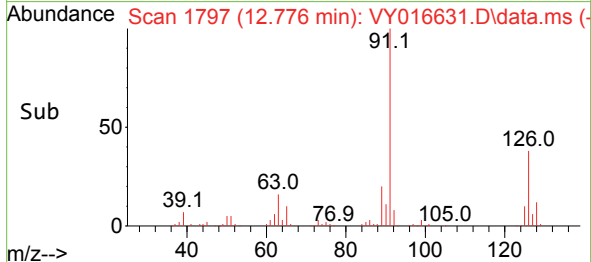
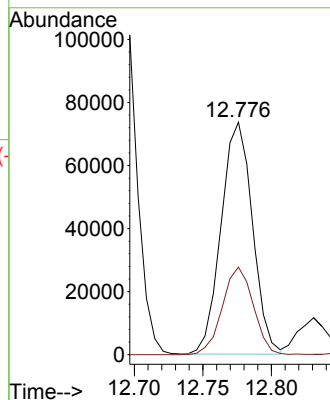
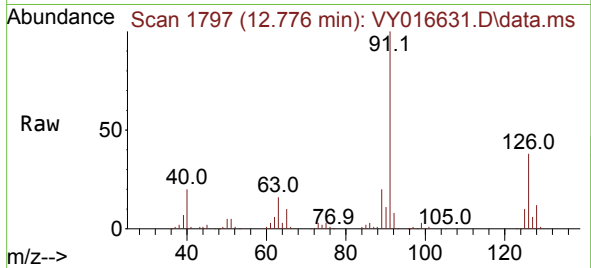




#79
2-Chlorotoluene
Concen: 20.934 ug/l
RT: 12.776 min Scan# 117372
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

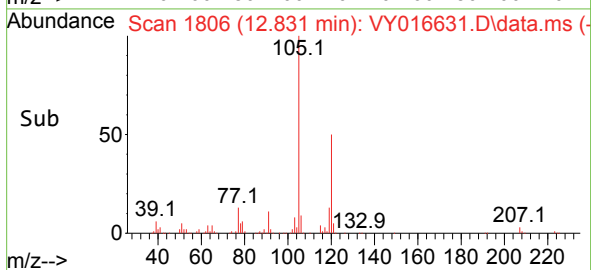
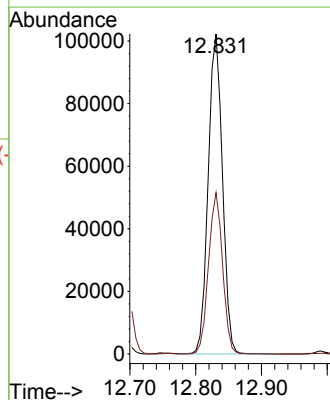
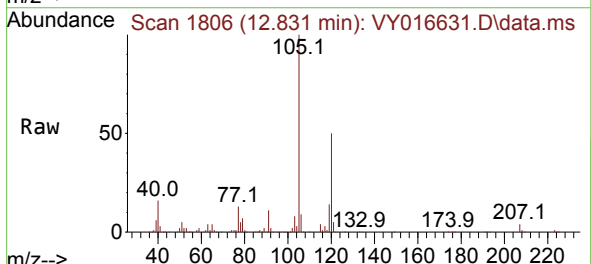
Instrument :
MSVOA_Y
ClientSampleId :

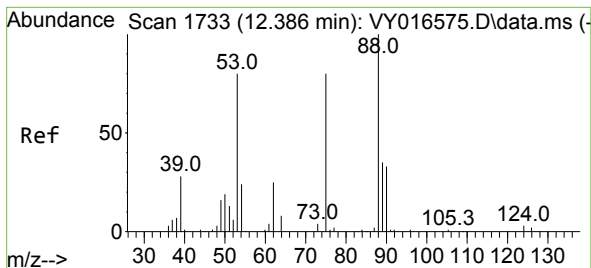
Tgt Ion: 91 Resp: 117372
Ion Ratio Lower Upper
91 100
126 37.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 22.221 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 105 Resp: 154354
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

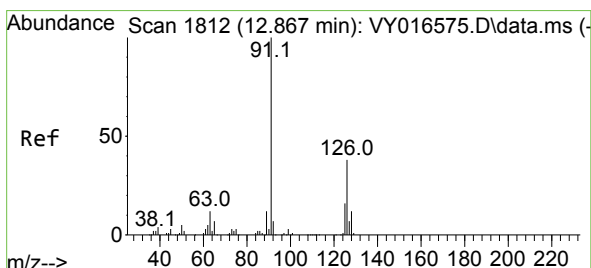
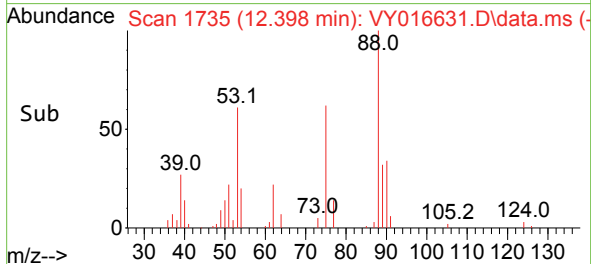
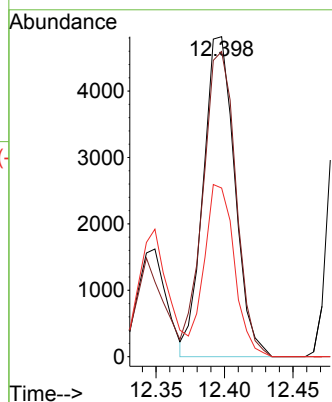
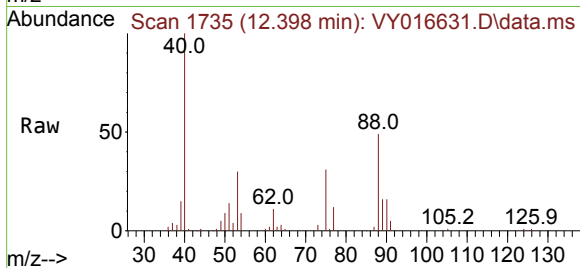




#81
trans-1,4-Dichloro-2-butene
Concen: 16.658 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

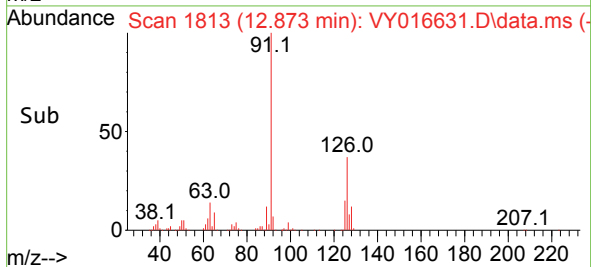
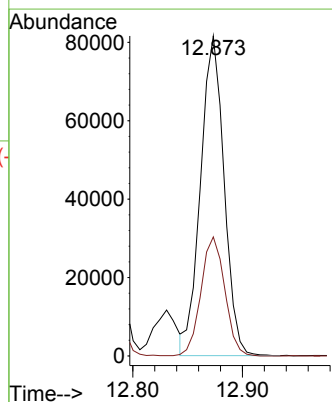
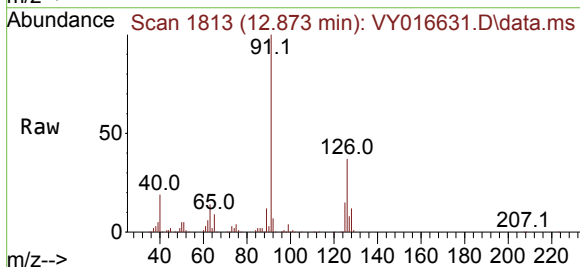
Instrument :
MSVOA_Y
ClientSampleId :

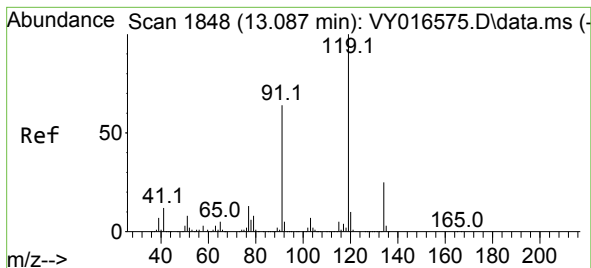
Tgt Ion: 75 Resp: 7701
Ion Ratio Lower Upper
75 100
53 99.5 77.8 116.8
89 51.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.982 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 91 Resp: 121732
Ion Ratio Lower Upper
91 100
126 37.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.607 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

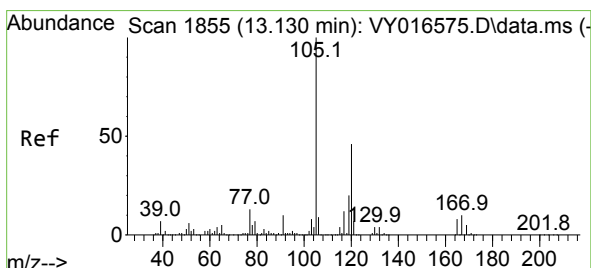
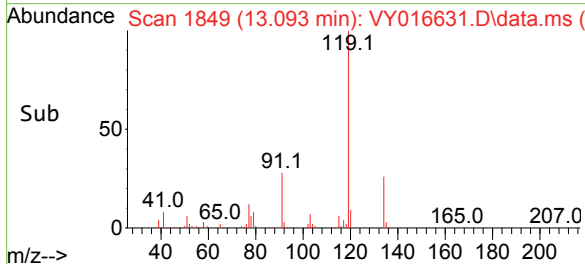
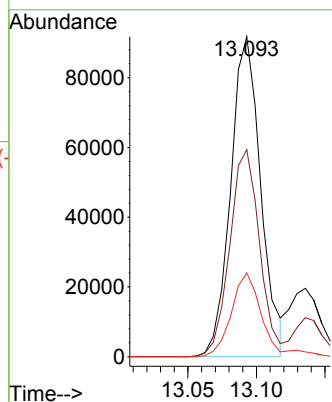
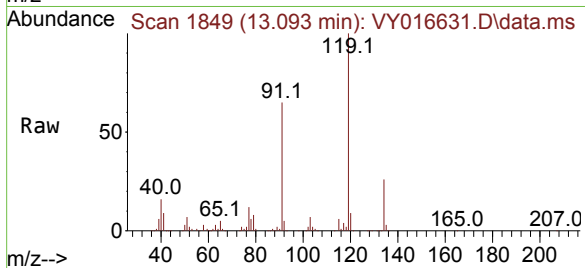
Tgt Ion:119 Resp: 140301

Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.481 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016631.D

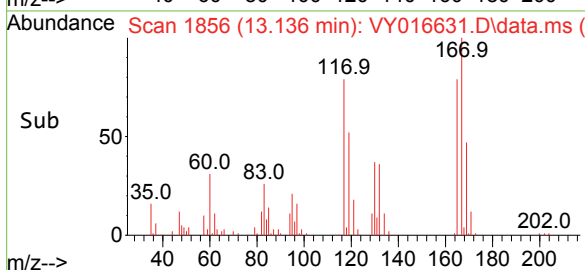
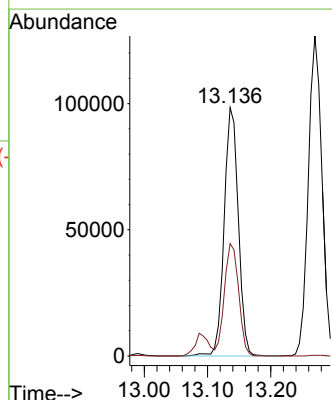
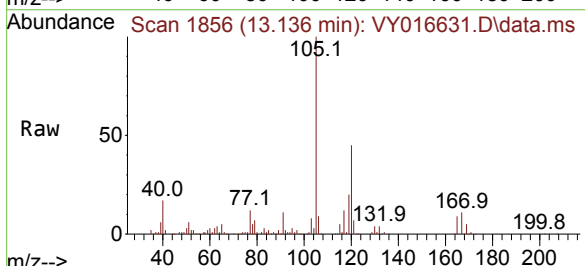
Acq: 07 Dec 2023 18:01

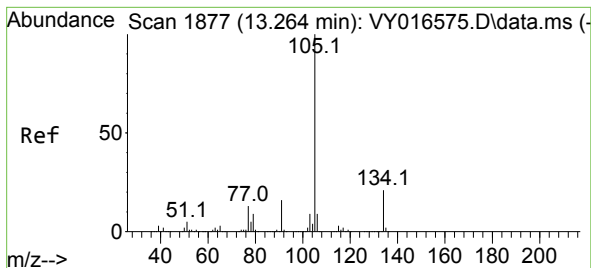
Tgt Ion:105 Resp: 152529

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.679 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

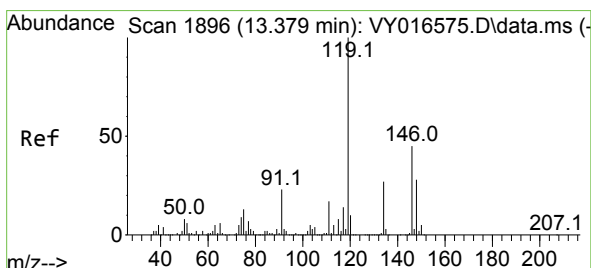
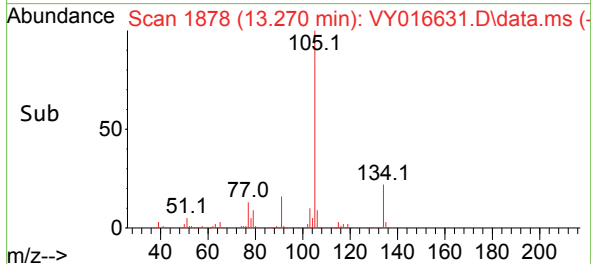
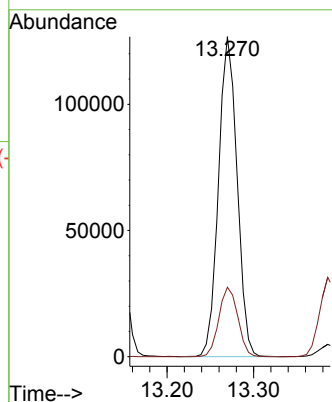
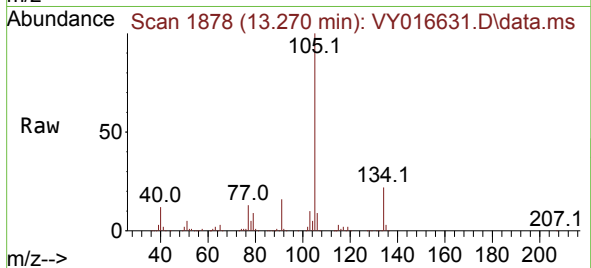
ClientSampleId :

Tgt Ion:105 Resp: 188963

Ion Ratio Lower Upper

105 100

134 22.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 22.745 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

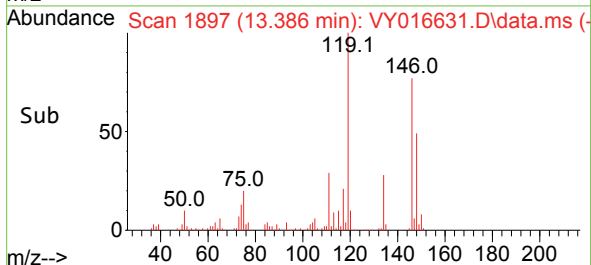
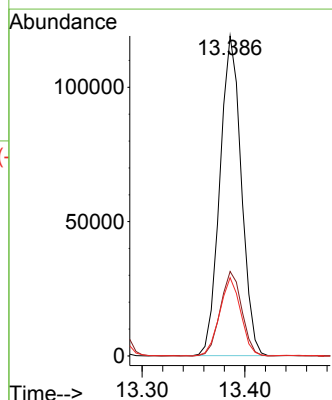
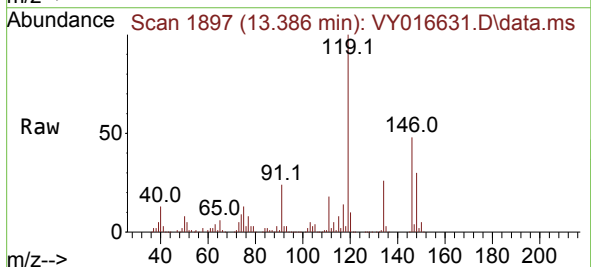
Tgt Ion:119 Resp: 172101

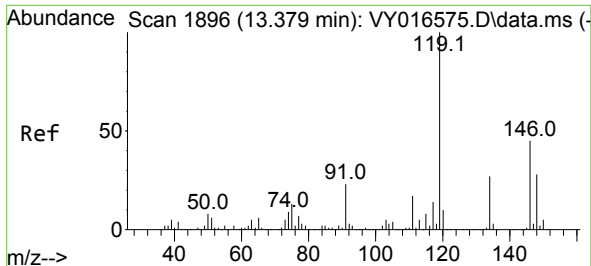
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.0 12.4 37.4

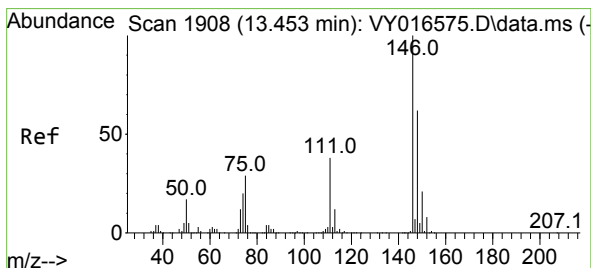
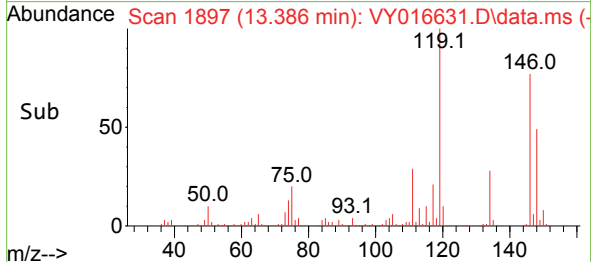
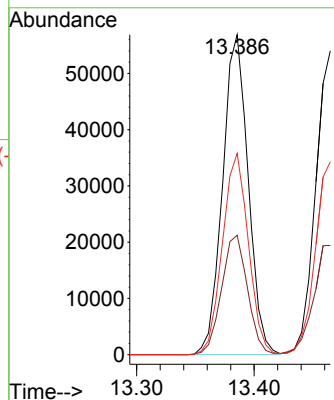
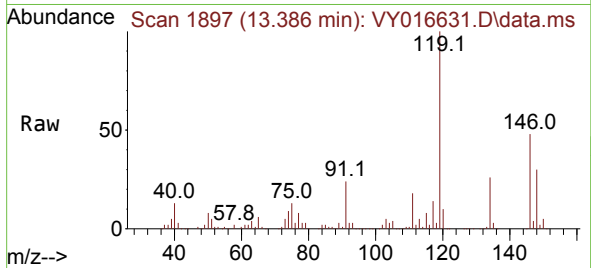




#87
1,3-Dichlorobenzene
Concen: 22.386 ug/l
RT: 13.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

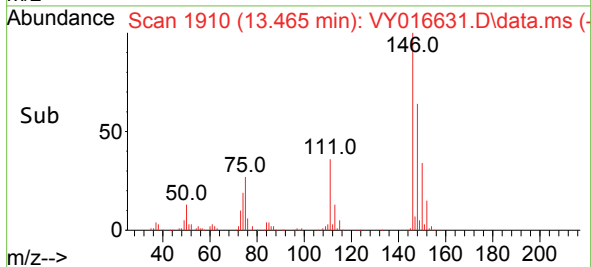
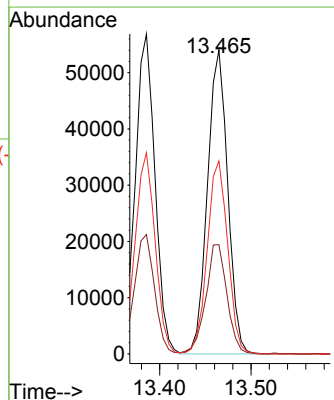
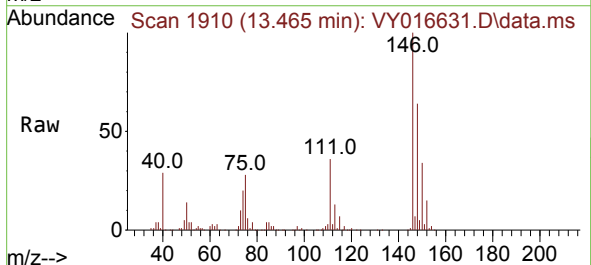
Instrument :
MSVOA_Y
ClientSampleId :

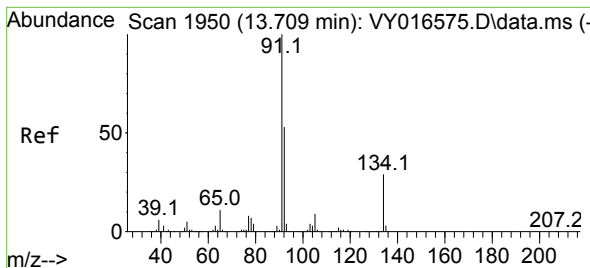
Tgt Ion:146 Resp: 86094
Ion Ratio Lower Upper
146 100
111 38.0 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 21.991 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion:146 Resp: 83002
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 21.349 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

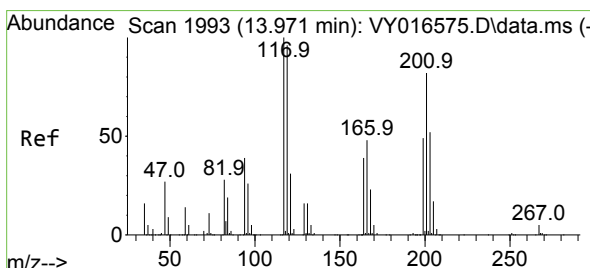
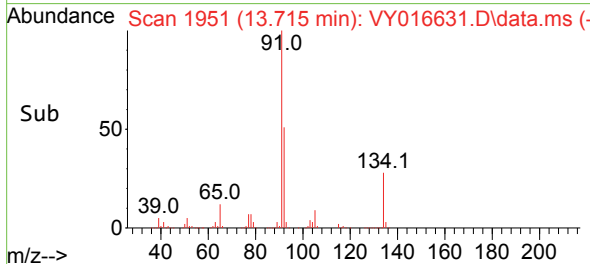
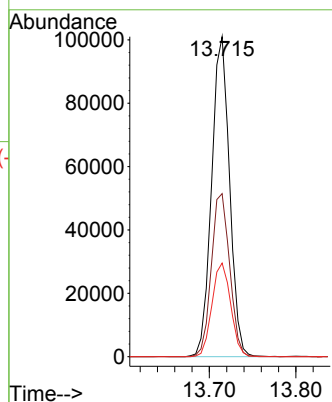
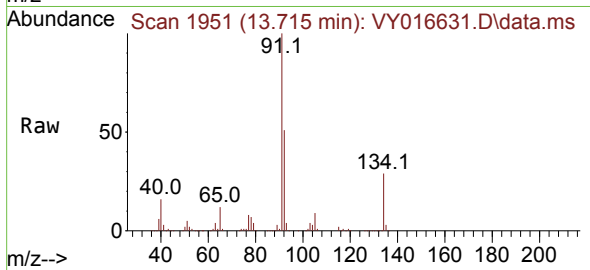
Tgt Ion: 91 Resp: 145269

Ion Ratio Lower Upper

91 100

92 52.3 25.4 76.0

134 30.5 12.6 37.6



#90

Hexachloroethane

Concen: 20.887 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016631.D

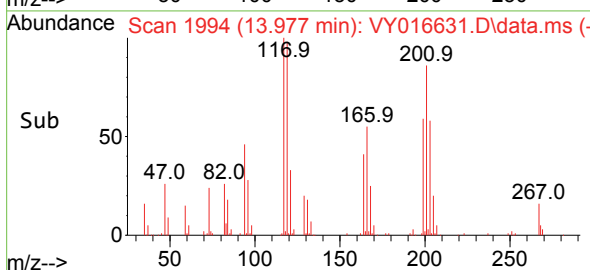
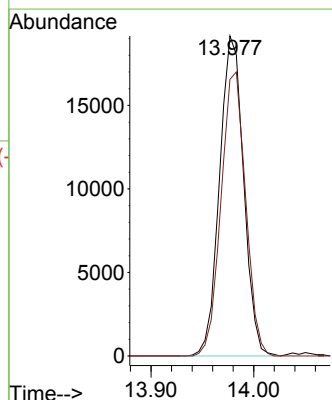
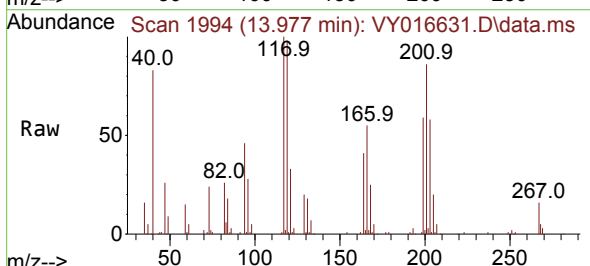
Acq: 07 Dec 2023 18:01

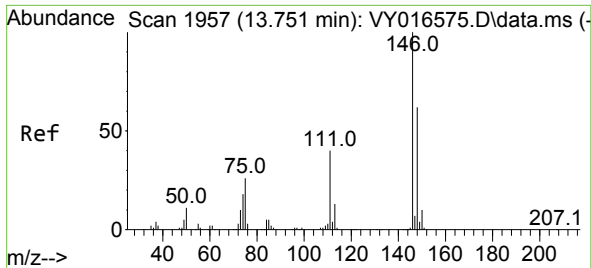
Tgt Ion: 117 Resp: 31096

Ion Ratio Lower Upper

117 100

201 90.5 41.6 124.8

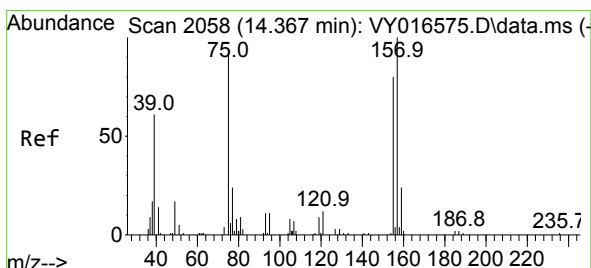
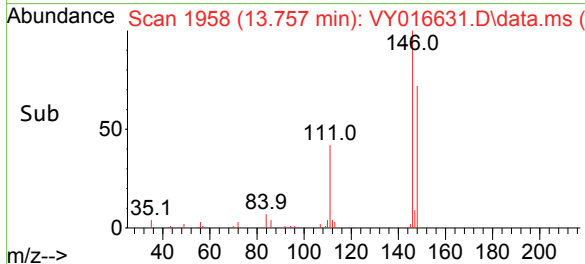
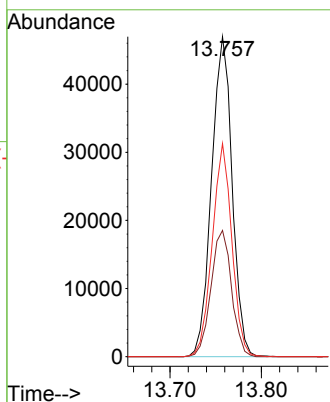
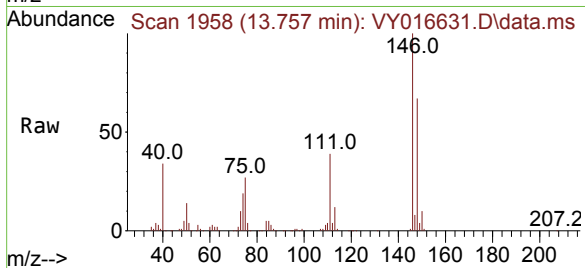




#91
1,2-Dichlorobenzene
Concen: 22.216 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

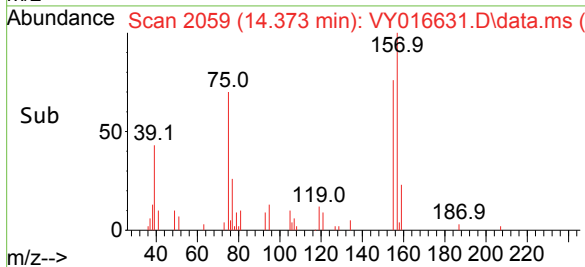
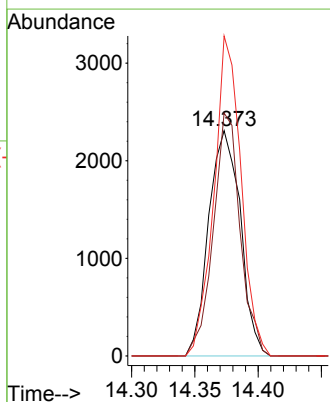
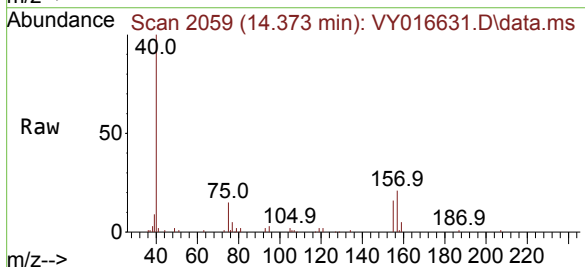
Instrument :
MSVOA_Y
ClientSampleId :

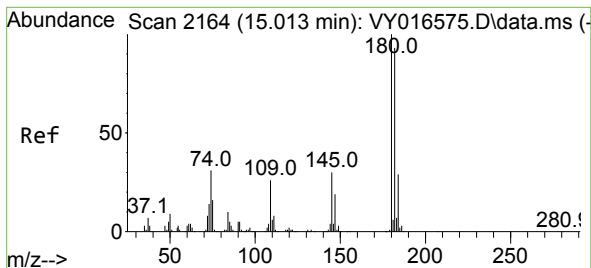
Tgt Ion:146 Resp: 73357
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.430 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016631.D
Acq: 07 Dec 2023 18:01

Tgt Ion: 75 Resp: 4010
Ion Ratio Lower Upper
75 100
155 91.7 41.5 124.6
157 121.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.443 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

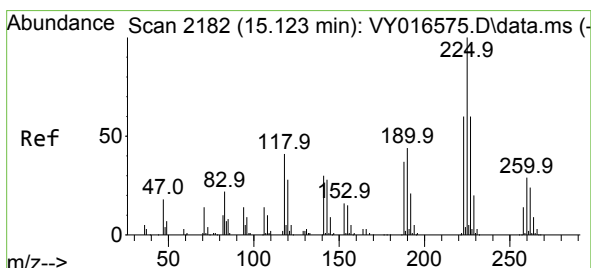
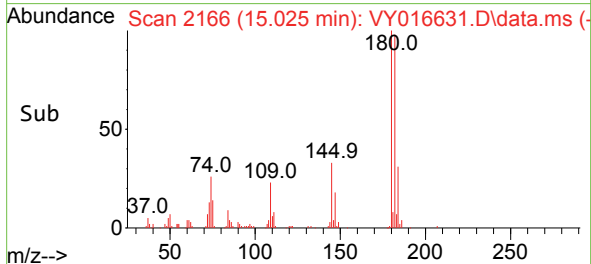
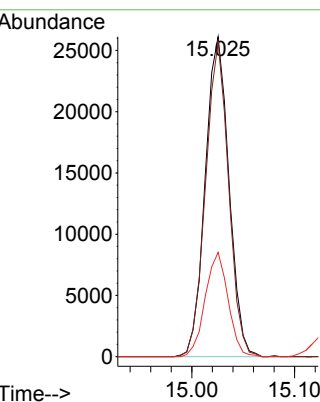
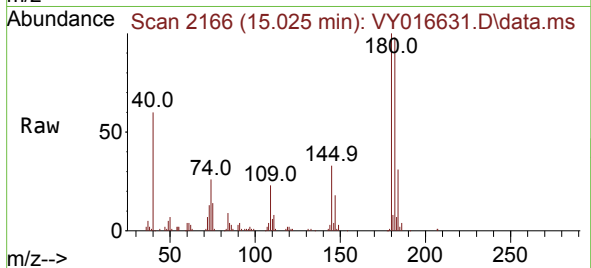
Tgt Ion:180 Resp: 41818

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 25.124 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

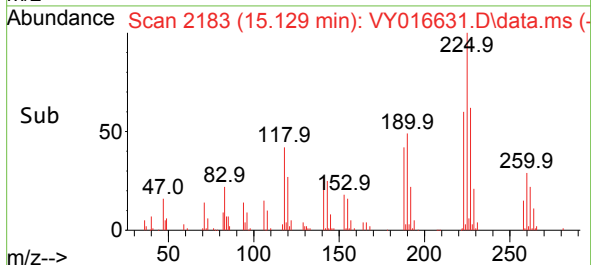
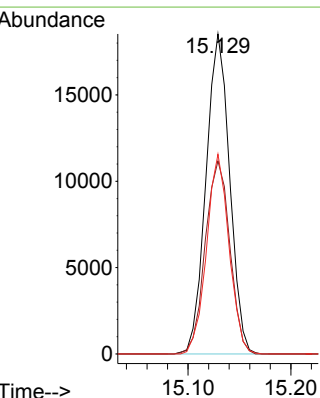
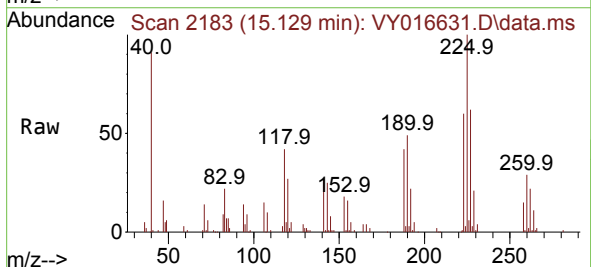
Tgt Ion:225 Resp: 29576

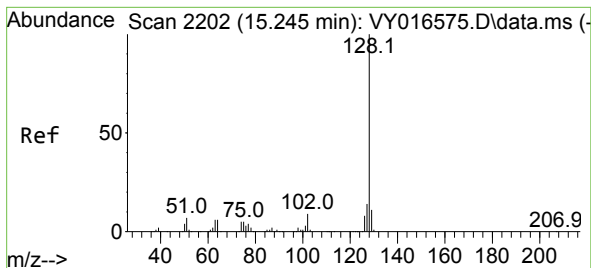
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 59.4 33.0 98.9





#95

Naphthalene

Concen: 22.721 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016631.D

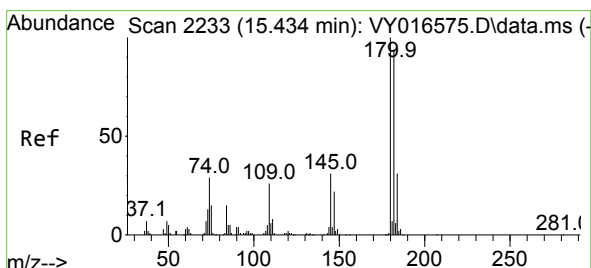
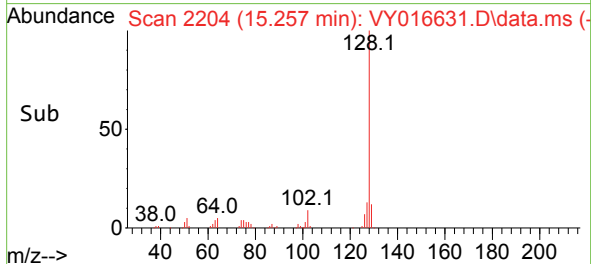
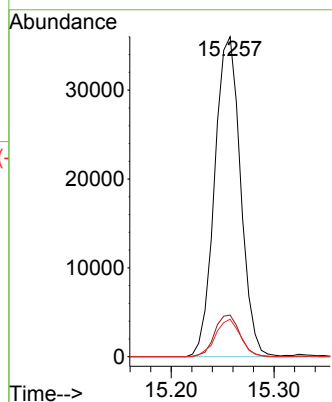
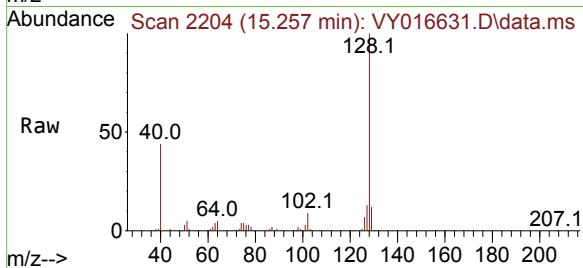
Acq: 07 Dec 2023 18:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 62922
Ion Ratio	Lower Upper
128 100	
127 12.8	10.8 16.2
129 11.3	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 23.816 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016631.D

Acq: 07 Dec 2023 18:01

Tgt Ion:180	Resp: 32630
Ion Ratio	Lower Upper
180 100	
182 94.4	47.3 141.8
145 31.8	15.4 46.2

