

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016609.D
 Acq On : 06 Dec 2023 12:15
 Operator : SY/MD
 Sample : VY1206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

Quant Time: Dec 07 00:30:27 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	7.813	168	197437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	282629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	242556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	121386	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	77694	42.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.160%
35) Dibromofluoromethane	7.740	113	77938	45.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.640%
50) Toluene-d8	10.197	98	305114	47.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.496	95	101809	48.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	38635	22.153	ug/l	99
3) Chloromethane	2.125	50	28220	15.598	ug/l	99
4) Vinyl Chloride	2.266	62	30105	16.477	ug/l	97
5) Bromomethane	2.668	94	19364	16.920	ug/l	92
6) Chloroethane	2.814	64	18815	16.672	ug/l	97
7) Trichlorofluoromethane	3.144	101	74690	21.624	ug/l	93
8) Diethyl Ether	3.546	74	16994	17.666	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.924	101	38442	19.902	ug/l	95
10) Methyl Iodide	4.113	142	41800	20.482	ug/l	98
11) Tert butyl alcohol	4.972	59	10005	80.468	ug/l #	98
12) 1,1-Dichloroethene	3.893	96	35471	20.216	ug/l	82
13) Acrolein	3.753	56	14268	78.934	ug/l	99
14) Allyl chloride	4.509	41	45773	17.094	ug/l #	88
15) Acrylonitrile	5.192	53	28450	73.275	ug/l	97
16) Acetone	3.967	43	36533	88.470	ug/l #	87
17) Carbon Disulfide	4.223	76	90637	18.425	ug/l	99
18) Methyl Acetate	4.497	43	21869	13.360	ug/l #	88
19) Methyl tert-butyl Ether	5.253	73	77309	17.924	ug/l	93
20) Methylene Chloride	4.747	84	37465	18.454	ug/l #	85
21) trans-1,2-Dichloroethene	5.253	96	39238	19.886	ug/l	88
22) Diisopropyl ether	6.143	45	92924	16.873	ug/l #	92
23) Vinyl Acetate	6.088	43	214636	81.186	ug/l #	94
24) 1,1-Dichloroethane	6.045	63	62310	18.417	ug/l	97
25) 2-Butanone	7.009	43	45834	80.718	ug/l	95
26) 2,2-Dichloropropane	7.003	77	67888	21.344	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	42416	19.529	ug/l	92
28) Bromochloromethane	7.356	49	23115	16.867	ug/l #	66
29) Tetrahydrofuran	7.374	42	21649	66.872	ug/l #	84
30) Chloroform	7.533	83	71743	19.893	ug/l	97
31) Cyclohexane	7.813	56	55303	17.752	ug/l #	84
32) 1,1,1-Trichloroethane	7.728	97	72020	21.101	ug/l	97
36) 1,1-Dichloropropene	7.941	75	54565	21.104	ug/l	97
37) Ethyl Acetate	7.100	43	16337	15.101	ug/l #	93
38) Carbon Tetrachloride	7.923	117	70434	23.532	ug/l	98
39) Methylcyclohexane	9.203	83	65918	21.161	ug/l	90
40) Benzene	8.179	78	148760	20.413	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.374	41	22645	36.241	ug/l #	43
42) 1,2-Dichloroethane	8.258	62	43009	20.325	ug/l	96
43) Isopropyl Acetate	8.289	43	33586	16.093	ug/l #	88
44) Trichloroethene	8.960	130	48511	22.073	ug/l	91
45) 1,2-Dichloropropane	9.234	63	32868	18.733	ug/l	98
46) Dibromomethane	9.325	93	18091	18.809	ug/l	93
47) Bromodichloromethane	9.514	83	52289	20.420	ug/l	100
48) Methyl methacrylate	9.307	41	17477	14.500	ug/l #	84
49) 1,4-Dioxane	9.319	88	3431	352.421	ug/l #	73
51) 4-Methyl-2-Pentanone	10.087	43	83294	76.796	ug/l	93
52) Toluene	10.258	92	97334	21.310	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	46667	19.311	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	54951	19.361	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	25522	19.049	ug/l	93
56) Ethyl methacrylate	10.526	69	21592	17.581	ug/l	88
57) 1,3-Dichloropropane	10.807	76	42412	18.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	65145	86.074	ug/l #	85
59) 2-Hexanone	10.849	43	69484	84.685	ug/l	90
60) Dibromochloromethane	11.002	129	36608	20.449	ug/l	99
61) 1,2-Dibromoethane	11.106	107	23929	18.988	ug/l	99
64) Tetrachloroethene	10.734	164	50959	22.924	ug/l	95
65) Chlorobenzene	11.532	112	104624	21.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	42929	22.357	ug/l	97
67) Ethyl Benzene	11.612	91	192845	21.887	ug/l	96
68) m/p-Xylenes	11.721	106	148781	44.482	ug/l	95
69) o-Xylene	12.044	106	69919	22.393	ug/l	96
70) Styrene	12.063	104	99520	22.214	ug/l	99
71) Bromoform	12.227	173	21307	20.550	ug/l #	99
73) Isopropylbenzene	12.343	105	198977	22.137	ug/l	99
74) N-amyl acetate	12.160	43	27198	15.175	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.599	83	23975	16.770	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	34623	31.575	ug/l #	100
77) Bromobenzene	12.624	156	46351	21.881	ug/l	83
78) n-propylbenzene	12.685	91	222812	21.298	ug/l	97
79) 2-Chlorotoluene	12.770	91	123128	20.886	ug/l	96
80) 1,3,5-Trimethylbenzene	12.831	105	162971	22.314	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	8216	16.902	ug/l	95
82) 4-Chlorotoluene	12.873	91	127792	20.949	ug/l	96
83) tert-Butylbenzene	13.093	119	148139	22.702	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	155081	21.739	ug/l	96
85) sec-Butylbenzene	13.270	105	205251	22.395	ug/l	97
86) p-Isopropyltoluene	13.386	119	181938	22.869	ug/l	98
87) 1,3-Dichlorobenzene	13.380	146	87535	21.647	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	85616	21.573	ug/l	99
89) n-Butylbenzene	13.709	91	156132	21.822	ug/l	96
90) Hexachloroethane	13.977	117	33240	21.234	ug/l	95
91) 1,2-Dichlorobenzene	13.757	146	75153	21.647	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4030	17.615	ug/l	86
93) 1,2,4-Trichlorobenzene	15.026	180	42948	21.922	ug/l	100
94) Hexachlorobutadiene	15.129	225	30541	24.674	ug/l	97
95) Naphthalene	15.251	128	62048	21.338	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	33932	23.561	ug/l	98

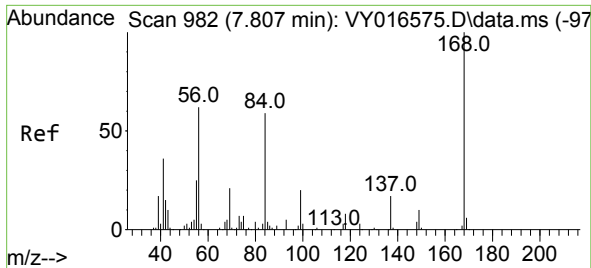
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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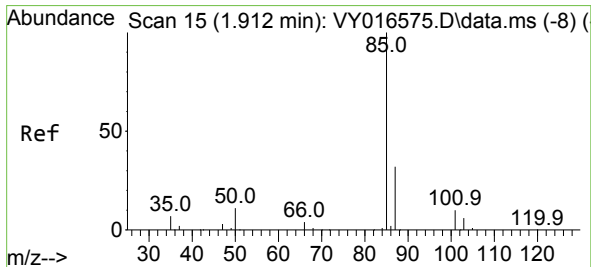
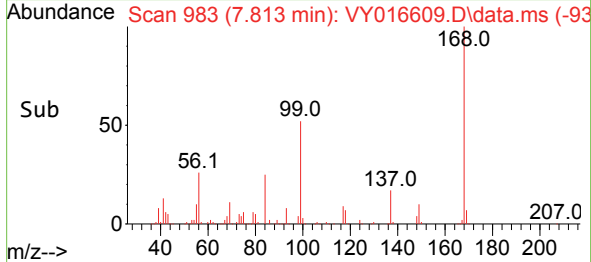
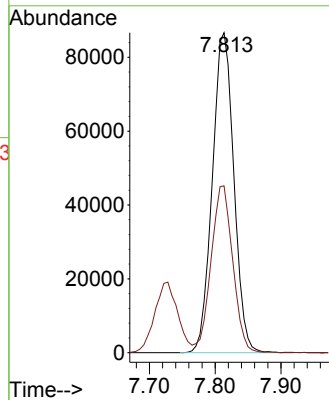
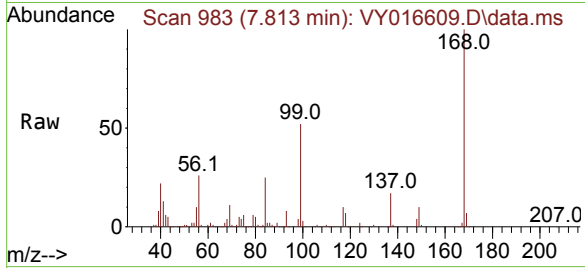
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.006 min
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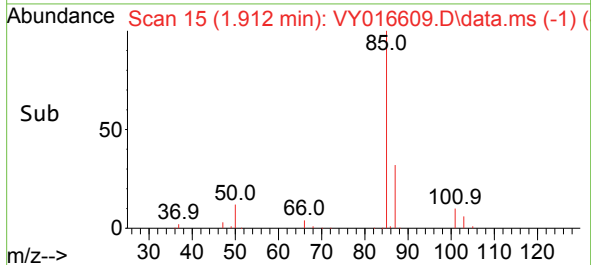
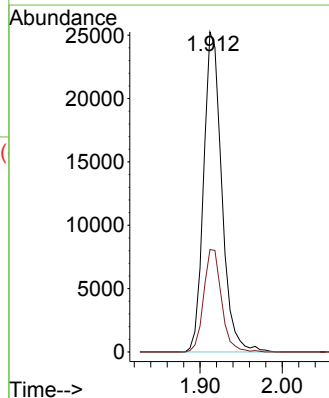
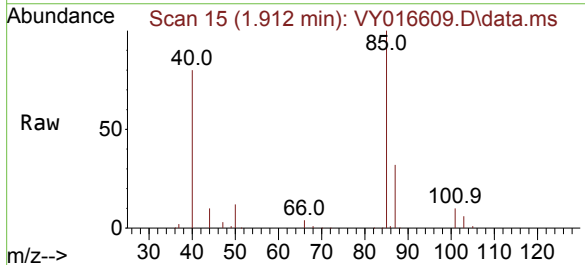
Instrument :
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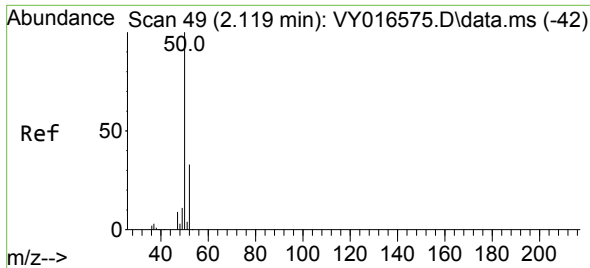
Tgt Ion:168 Resp: 197437
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.153 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 85 Resp: 38635
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.8

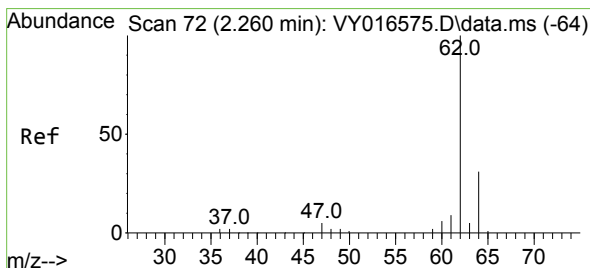
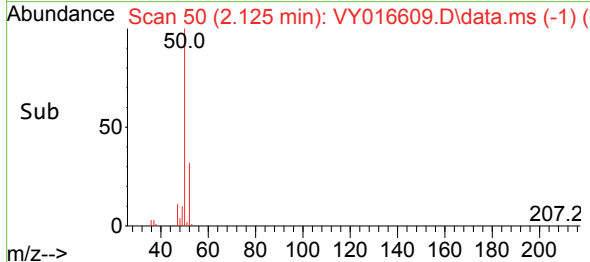
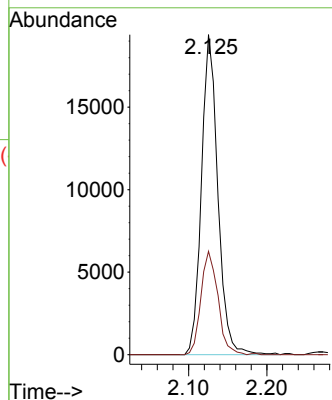
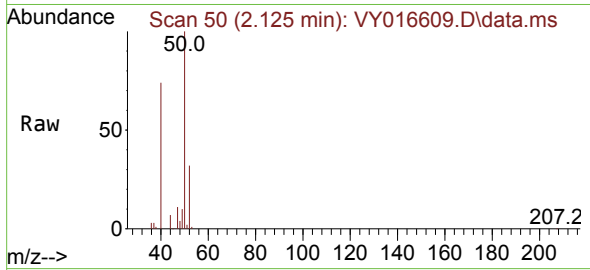




#3
Chloromethane
Concen: 15.598 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

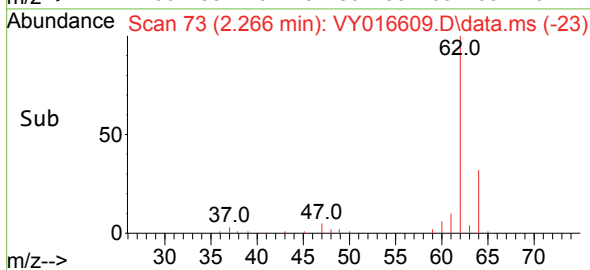
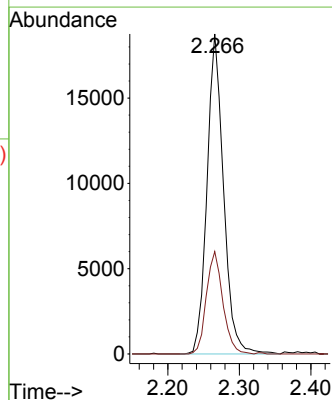
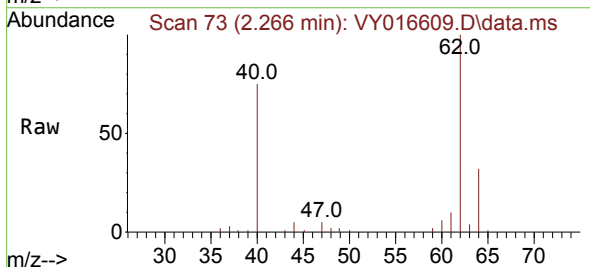
Instrument :
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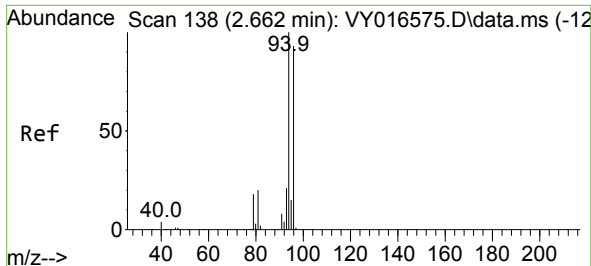
Tgt Ion: 50 Resp: 28220
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 16.477 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 62 Resp: 30105
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

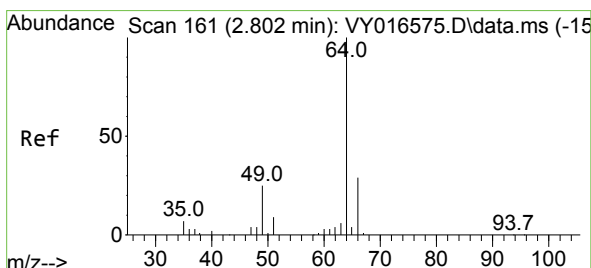
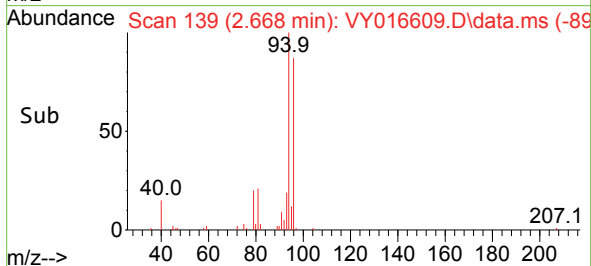
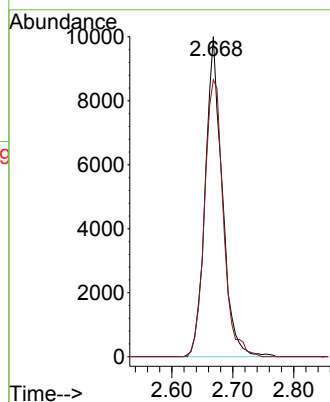
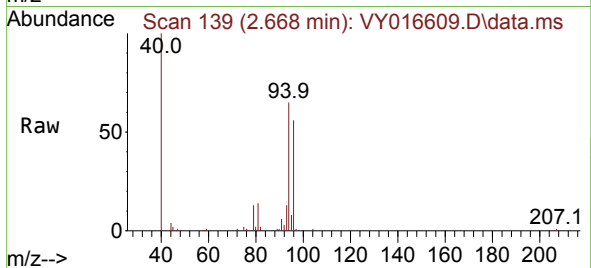




#5
Bromomethane
Concen: 16.920 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

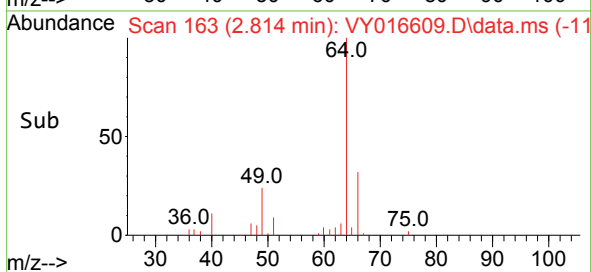
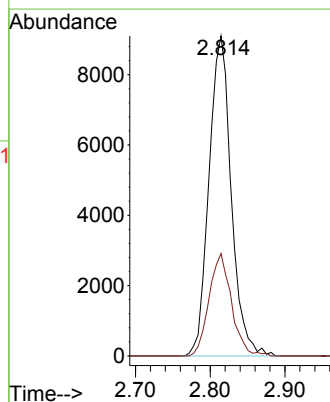
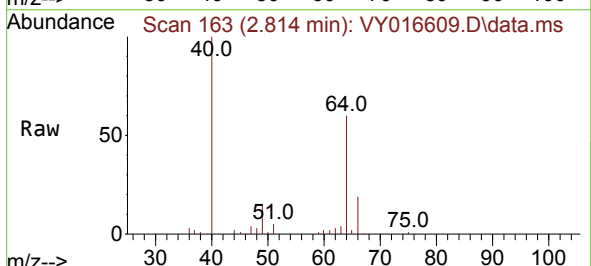
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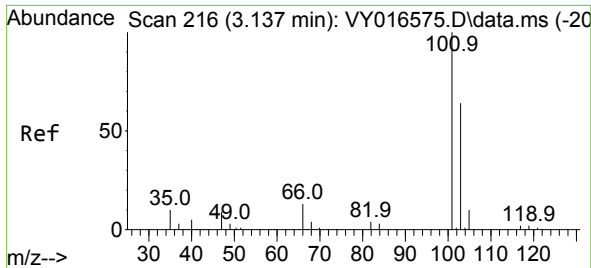
Tgt Ion: 94 Resp: 19364
Ion Ratio Lower Upper
94 100
96 86.6 75.8 113.6



#6
Chloroethane
Concen: 16.672 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 64 Resp: 18815
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

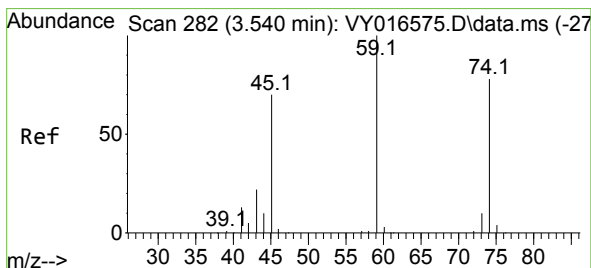
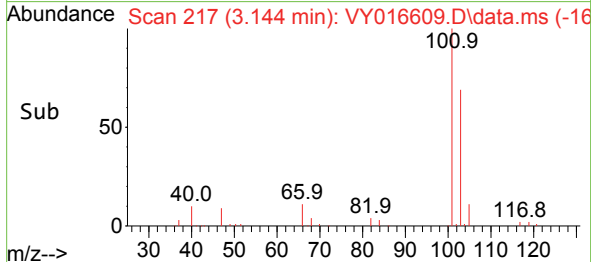
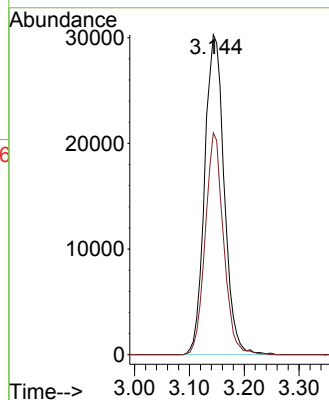
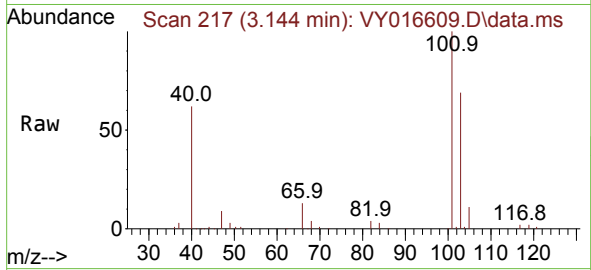




#7
 Trichlorofluoromethane
 Concen: 21.624 ug/l
 RT: 3.144 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016609.D
 Acq: 06 Dec 2023 12:15

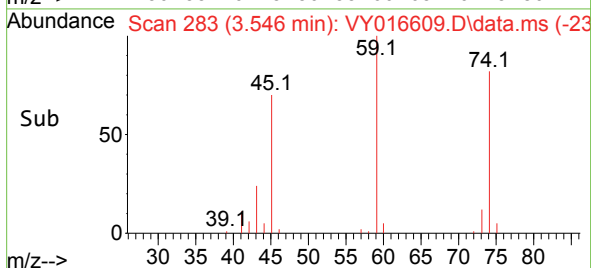
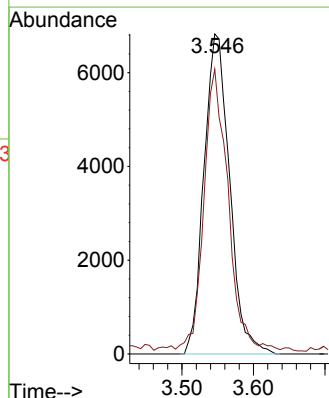
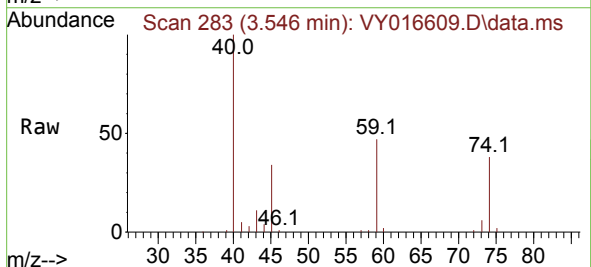
Instrument :
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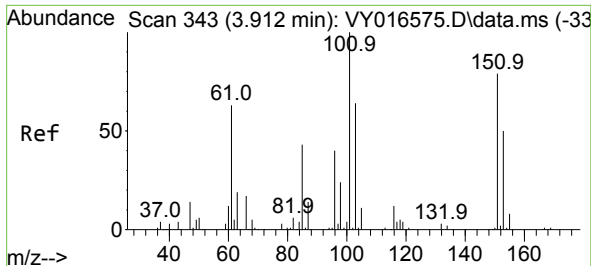
Tgt Ion:101 Resp: 74690
 Ion Ratio Lower Upper
 101 100
 103 69.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 17.666 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016609.D
 Acq: 06 Dec 2023 12:15

Tgt Ion: 74 Resp: 16994
 Ion Ratio Lower Upper
 74 100
 45 82.0 51.5 154.5

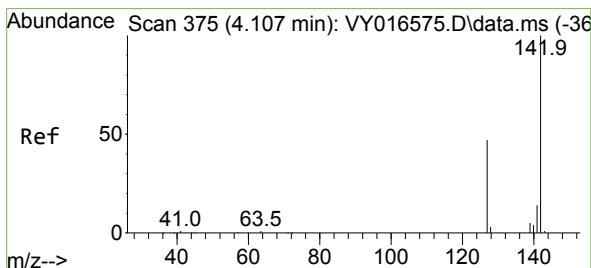
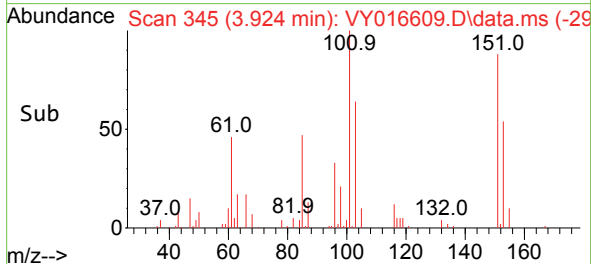
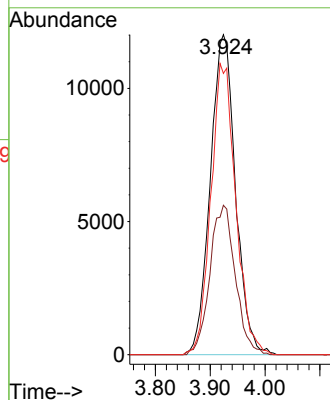
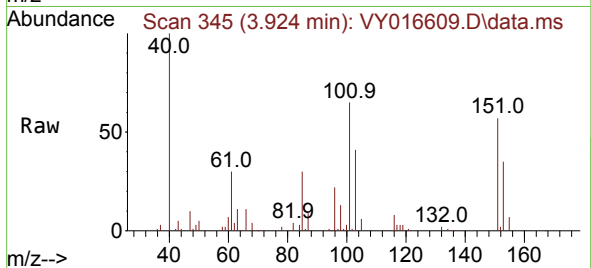




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.902 ug/l
RT: 3.924 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY016609.D
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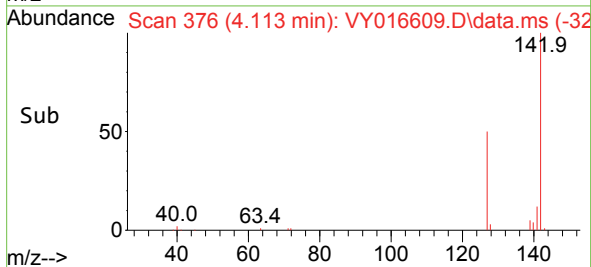
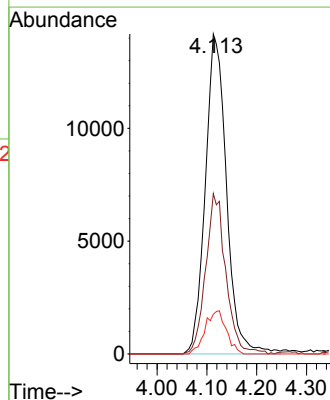
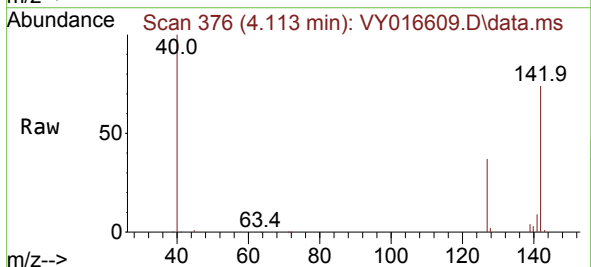
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

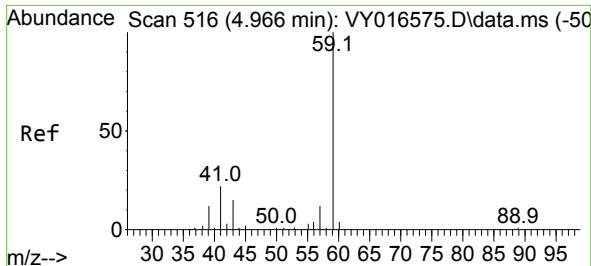
Tgt Ion:101 Resp: 38442
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 89.6 67.0 100.6



#10
Methyl Iodide
Concen: 20.482 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion:142 Resp: 41800
Ion Ratio Lower Upper
142 100
127 47.8 37.6 56.4
141 13.5 11.8 17.8

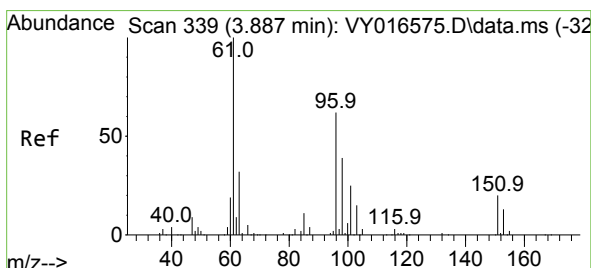
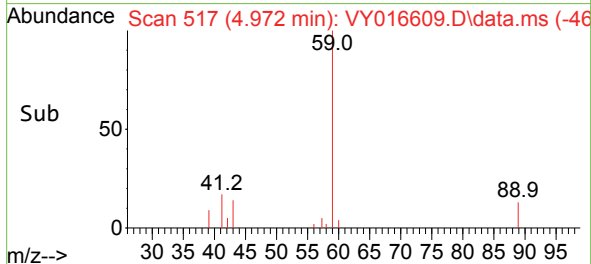
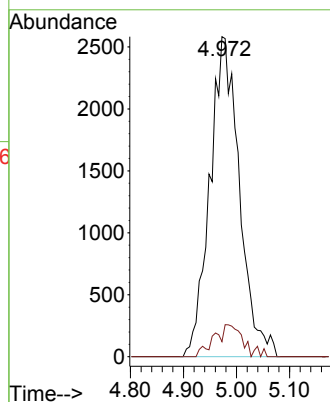
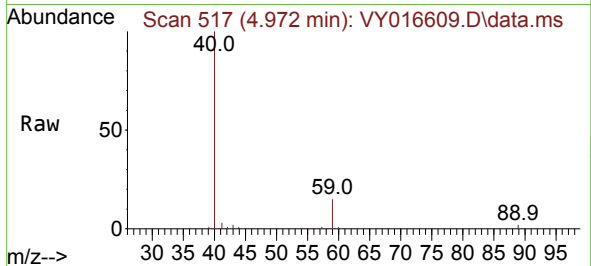




#11
Tert butyl alcohol
Concen: 80.468 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

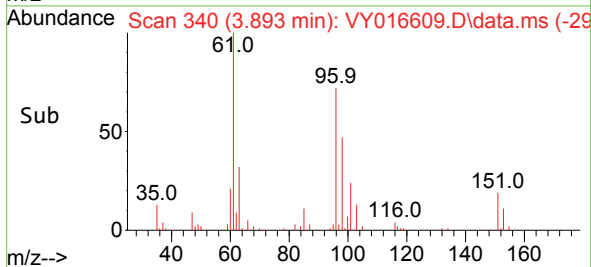
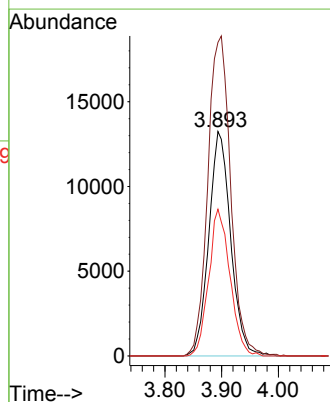
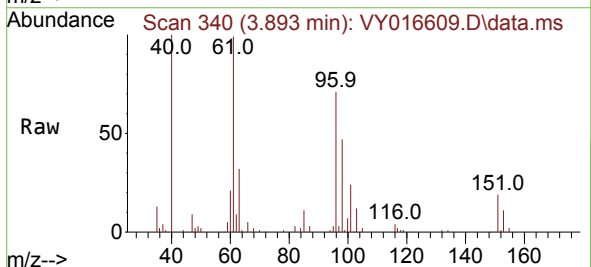
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

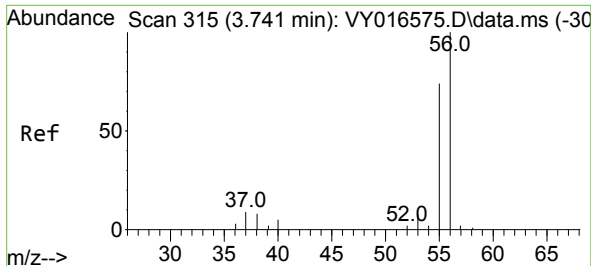
Tgt Ion: 59 Resp: 10005
Ion Ratio Lower Upper
59 100
57 4.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.216 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 96 Resp: 35471
Ion Ratio Lower Upper
96 100
61 139.7 136.4 204.6
98 65.4 49.4 74.2





#13

Acrolein

Concen: 78.934 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

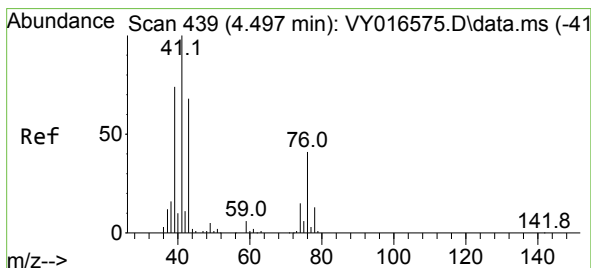
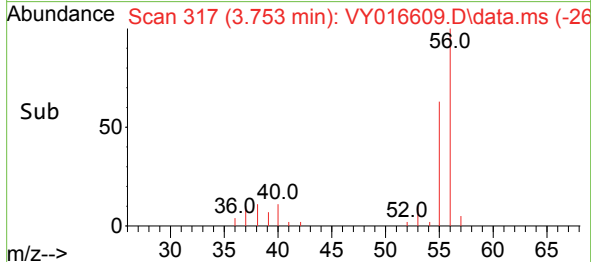
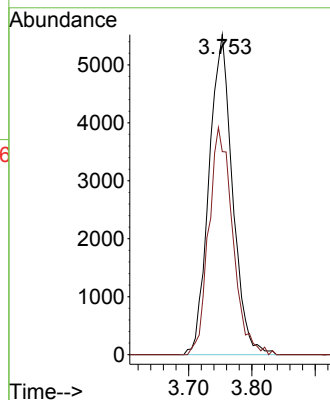
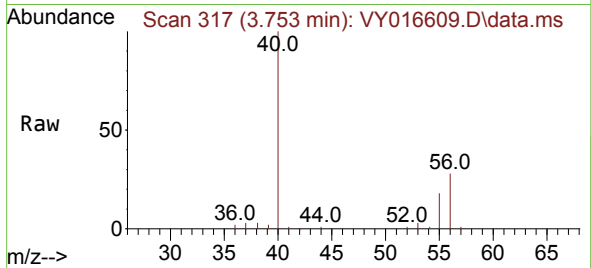
VY1206SBS01

Tgt Ion: 56 Resp: 14268

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 17.094 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

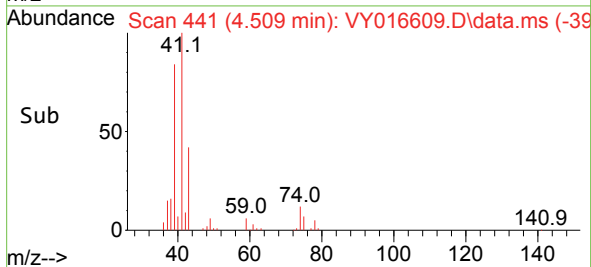
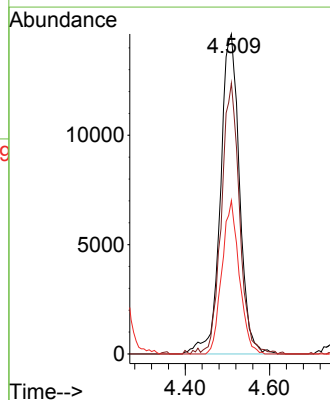
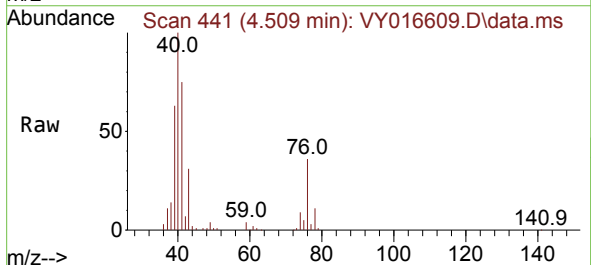
Tgt Ion: 41 Resp: 45773

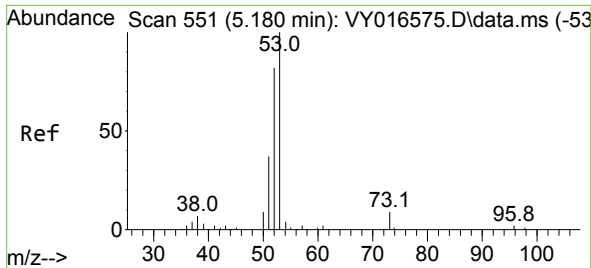
Ion Ratio Lower Upper

41 100

39 80.3 58.0 87.0

76 43.5 27.4 41.2#

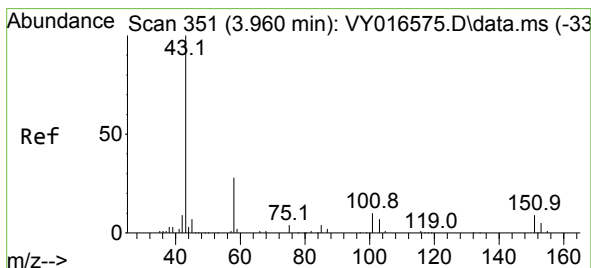
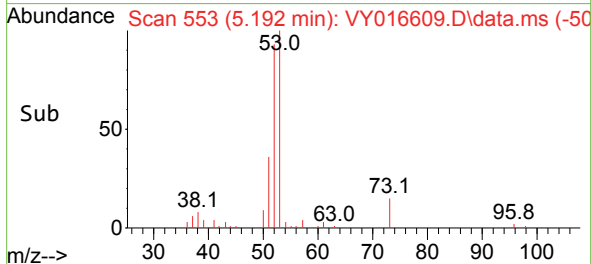
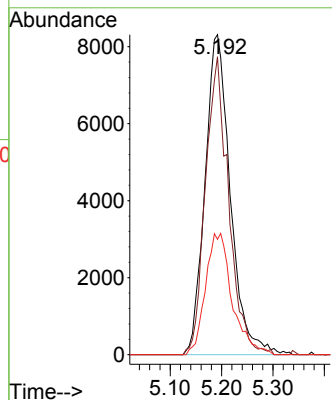
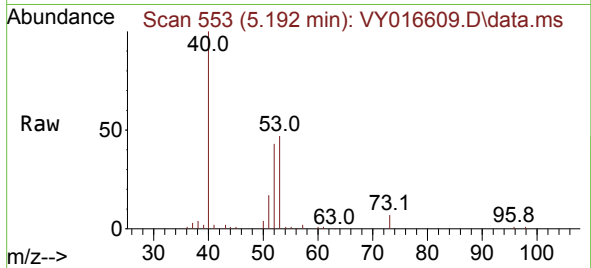




#15
Acrylonitrile
Concen: 73.275 ug/l
RT: 5.192 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

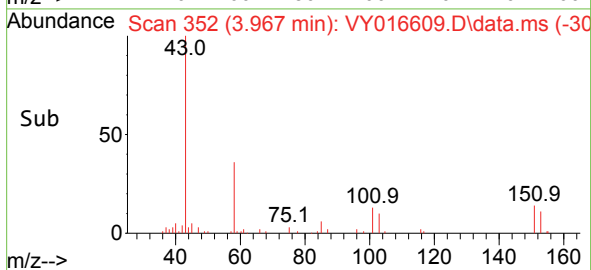
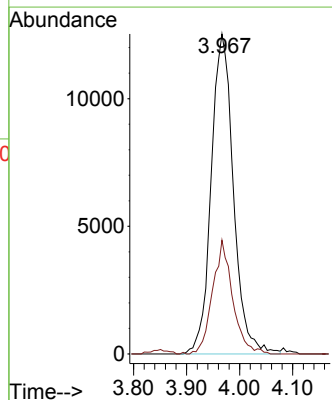
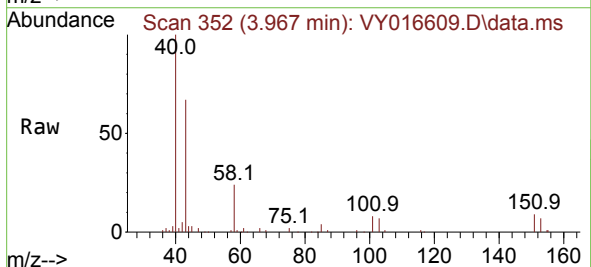
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

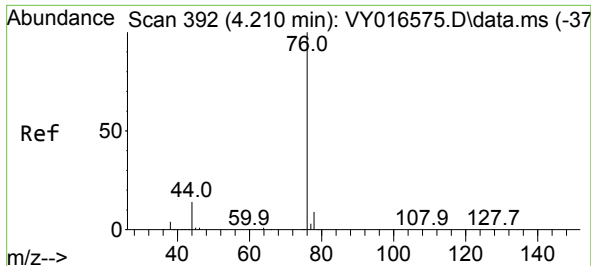
Tgt Ion: 53 Resp: 28450
Ion Ratio Lower Upper
53 100
52 85.4 66.9 100.3
51 39.9 29.8 44.6



#16
Acetone
Concen: 88.470 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 43 Resp: 36533
Ion Ratio Lower Upper
43 100
58 35.5 22.7 34.1#

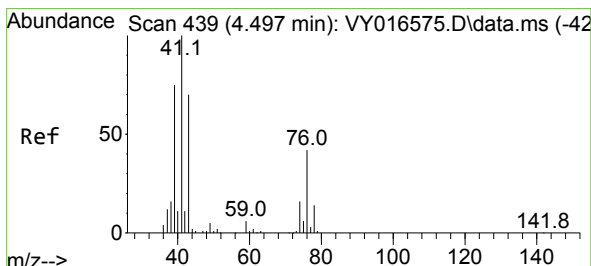
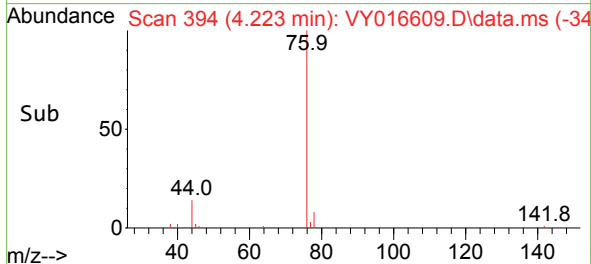
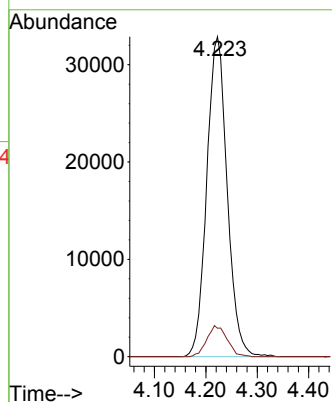
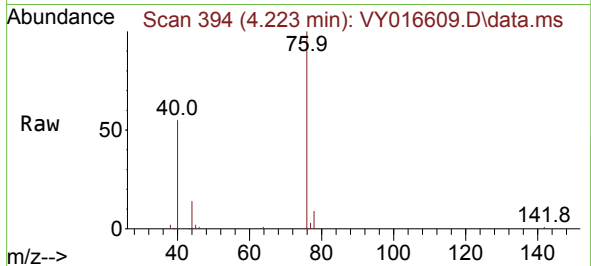




#17
Carbon Disulfide
Concen: 18.425 ug/l
RT: 4.223 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

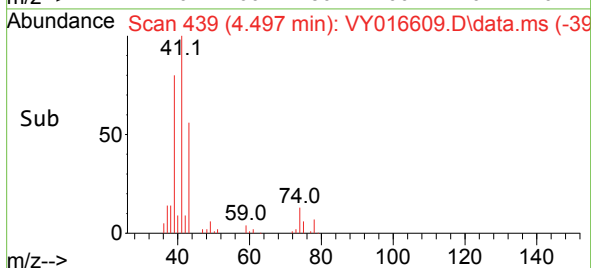
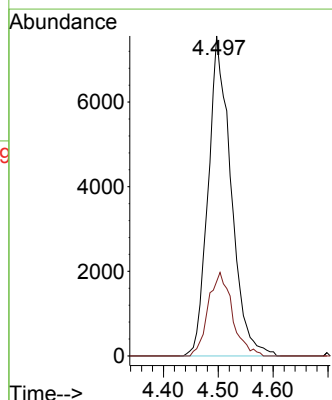
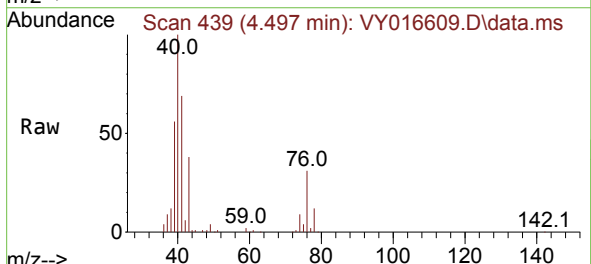
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

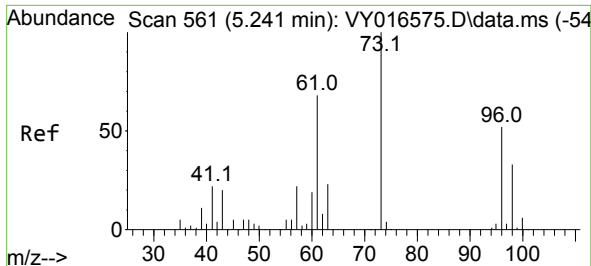
Tgt Ion: 76 Resp: 90637
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 13.360 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 43 Resp: 21869
Ion Ratio Lower Upper
43 100
74 27.6 17.4 26.0#

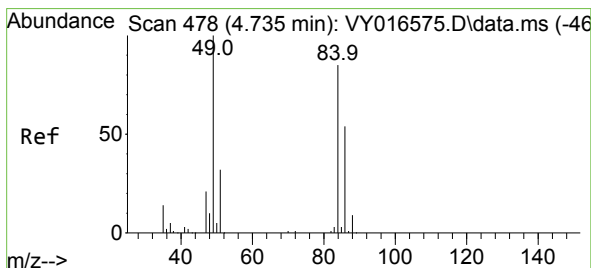
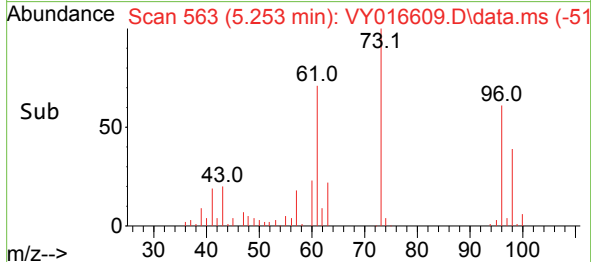
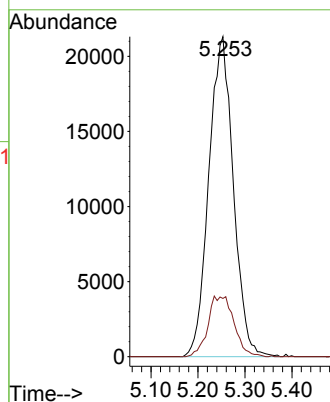
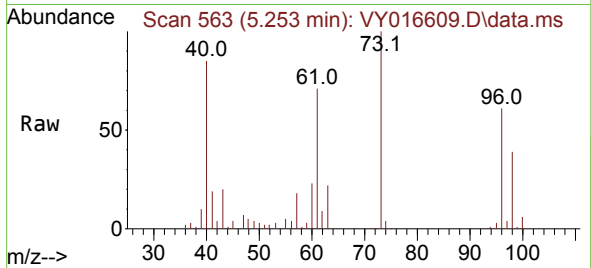




#19
Methyl tert-butyl Ether
Concen: 17.924 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

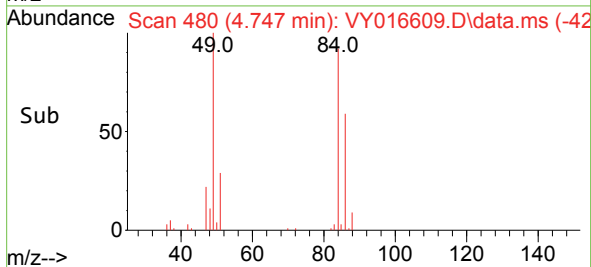
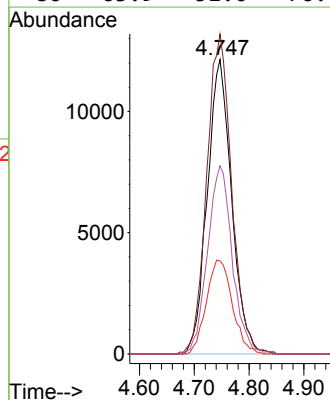
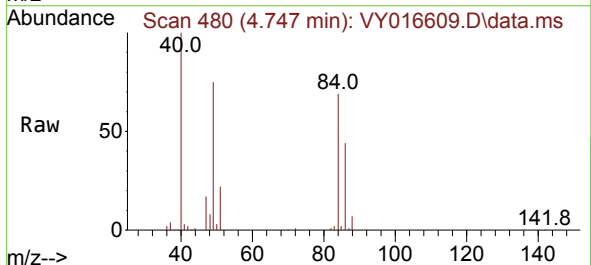
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

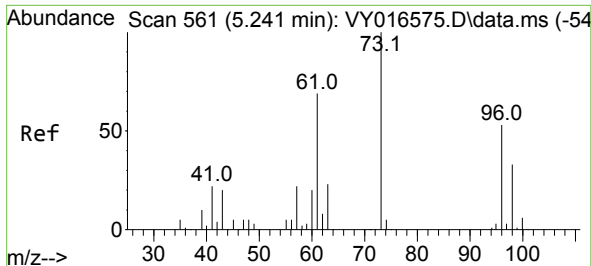
Tgt Ion: 73 Resp: 77309
Ion Ratio Lower Upper
73 100
57 18.2 17.3 25.9



#20
Methylene Chloride
Concen: 18.454 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 84 Resp: 37465
Ion Ratio Lower Upper
84 100
49 108.7 106.9 160.3
51 31.6 33.2 49.8#
86 63.9 51.0 76.6

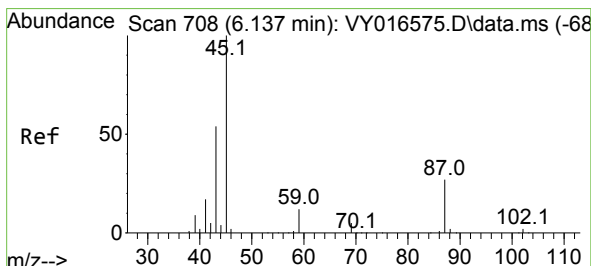
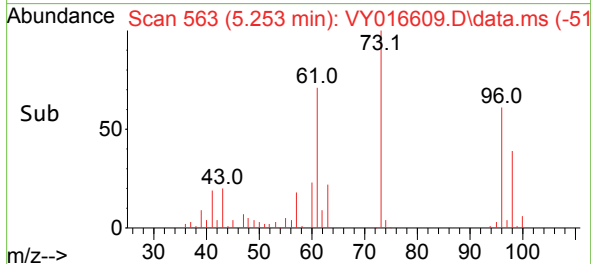
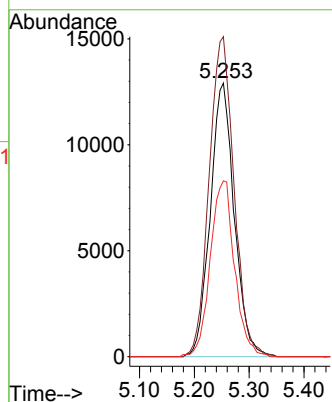
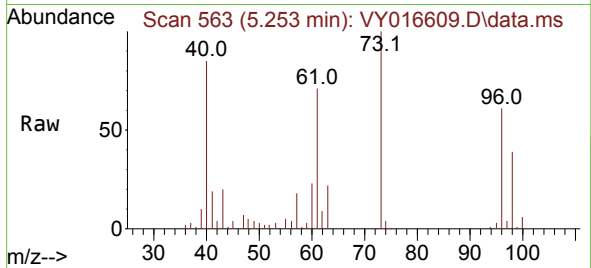




#21
trans-1,2-Dichloroethene
Concen: 19.886 ug/l
RT: 5.253 min Scan# 501
Delta R.T. 0.012 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

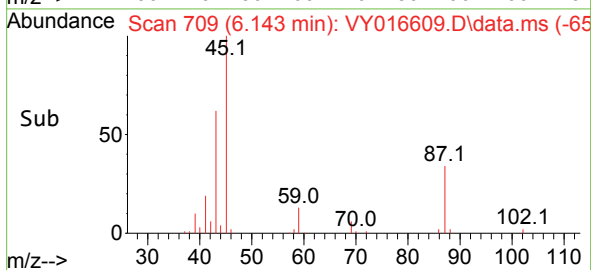
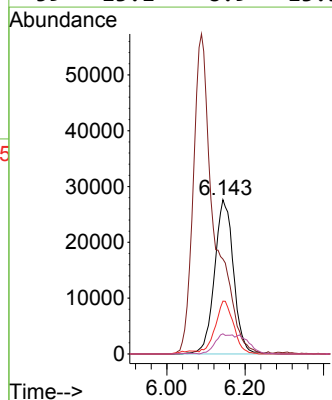
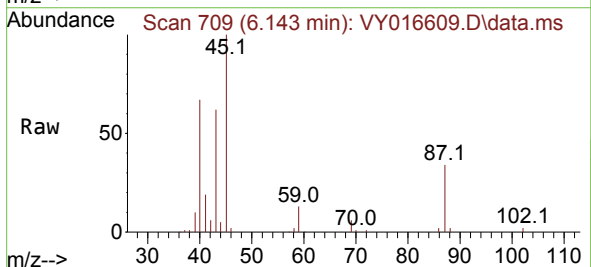
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

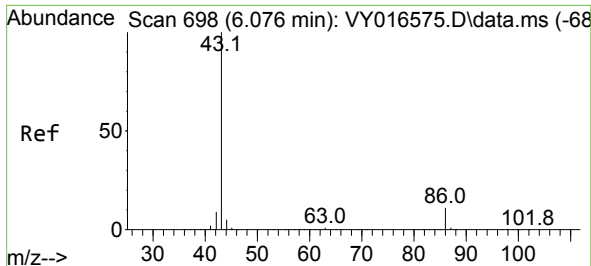
Tgt Ion: 96 Resp: 39238
Ion Ratio Lower Upper
96 100
61 117.0 110.2 165.4
98 64.3 51.8 77.6



#22
Diisopropyl ether
Concen: 16.873 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 45 Resp: 92924
Ion Ratio Lower Upper
45 100
43 60.5 52.2 78.4
87 34.2 21.0 31.6#
59 13.1 8.9 13.3

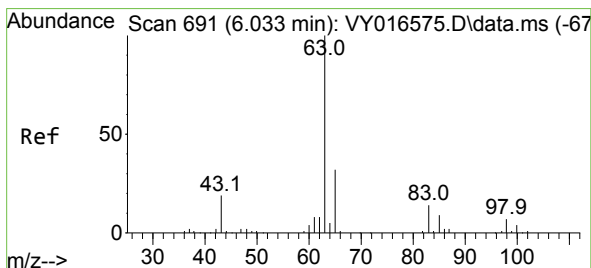
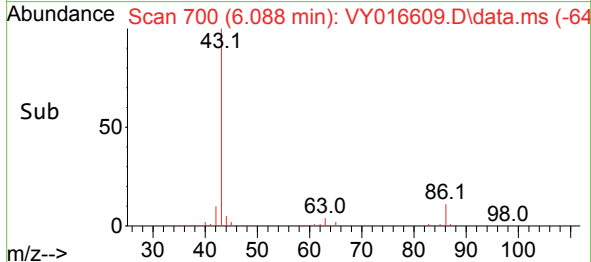
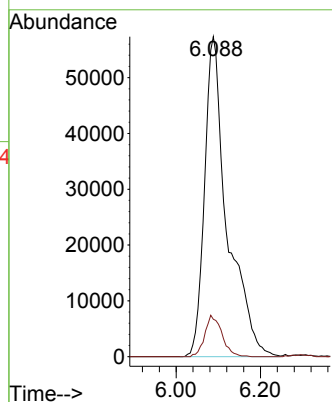
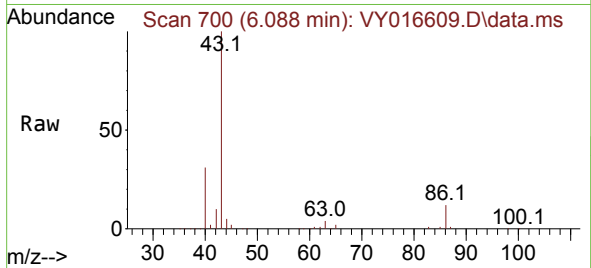




#23
 Vinyl Acetate
 Concen: 81.186 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY016609.D
 Acq: 06 Dec 2023 12:15

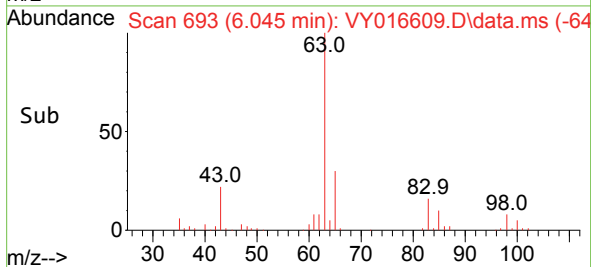
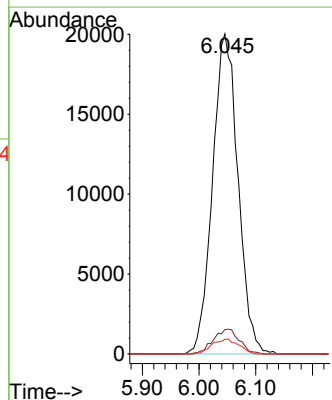
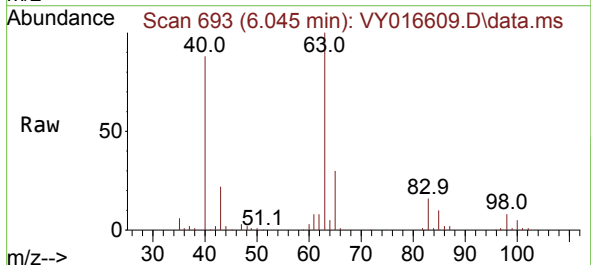
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

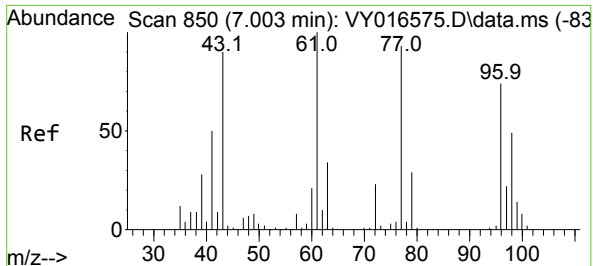
Tgt Ion: 43 Resp: 214636
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.417 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016609.D
 Acq: 06 Dec 2023 12:15

Tgt Ion: 63 Resp: 62310
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 80.718 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

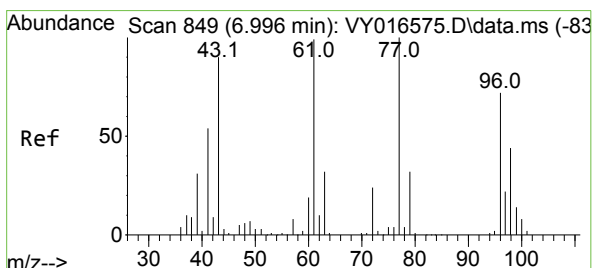
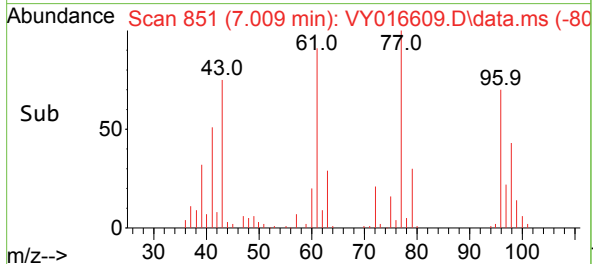
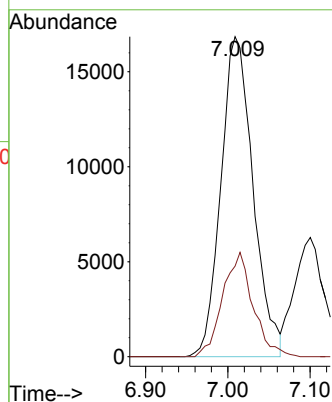
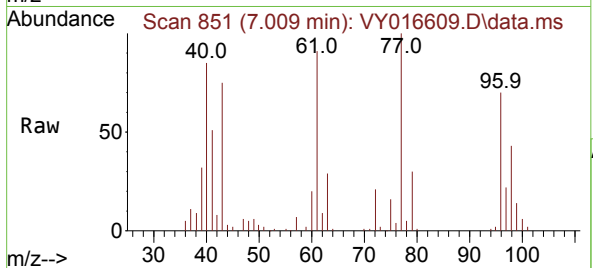
VY1206SBS01

Tgt Ion: 43 Resp: 45834

Ion Ratio Lower Upper

43 100

72 28.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 21.344 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016609.D

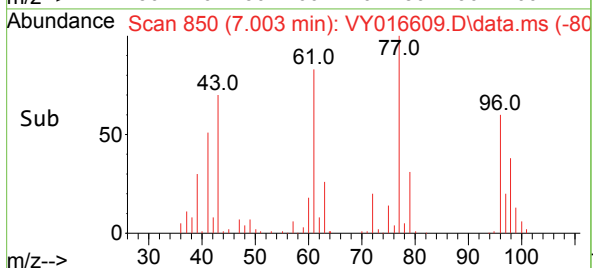
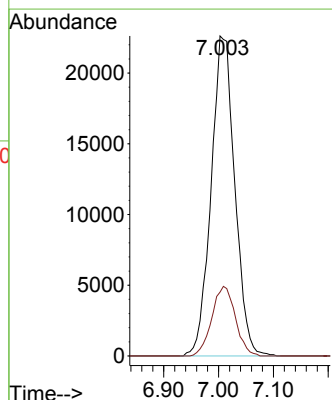
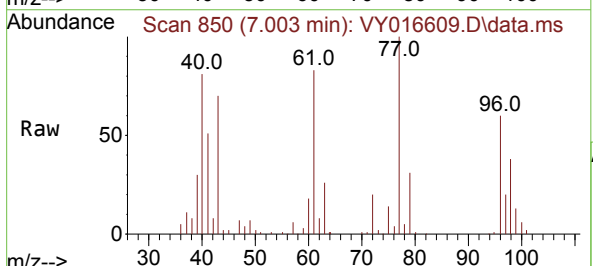
Acq: 06 Dec 2023 12:15

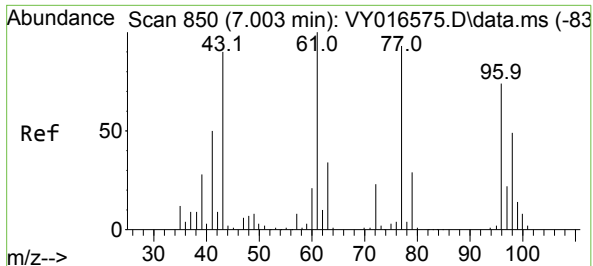
Tgt Ion: 77 Resp: 67888

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.529 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

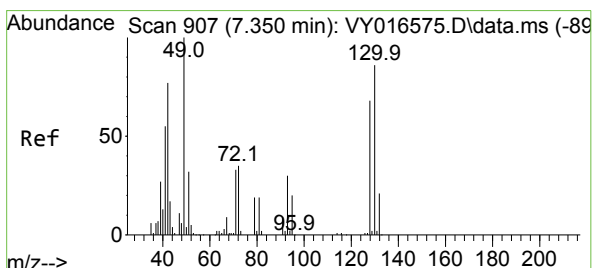
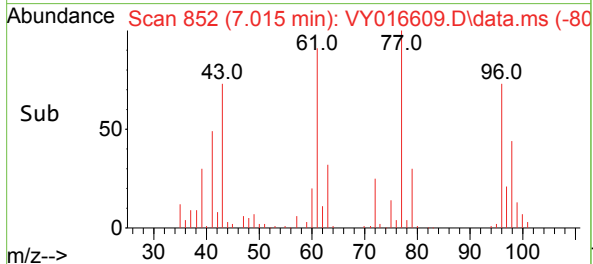
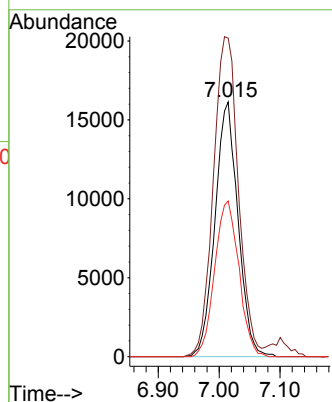
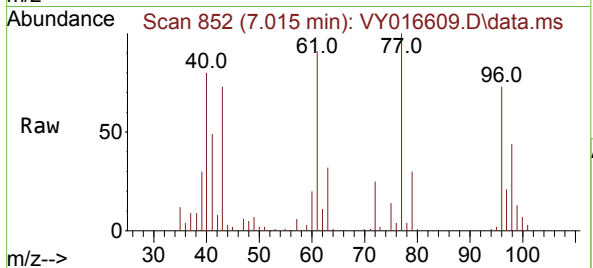
Tgt Ion: 96 Resp: 42416

Ion Ratio Lower Upper

96 100

61 136.3 0.0 301.4

98 64.2 0.0 130.4



#28

Bromochloromethane

Concen: 16.867 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

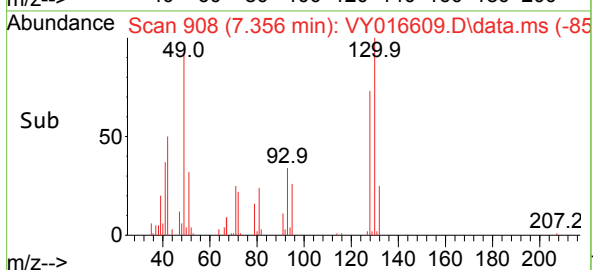
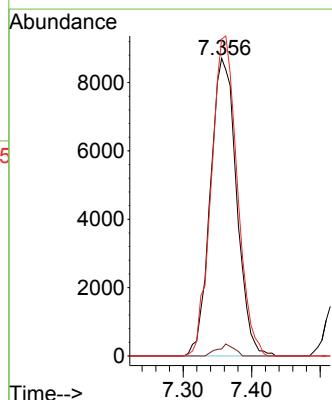
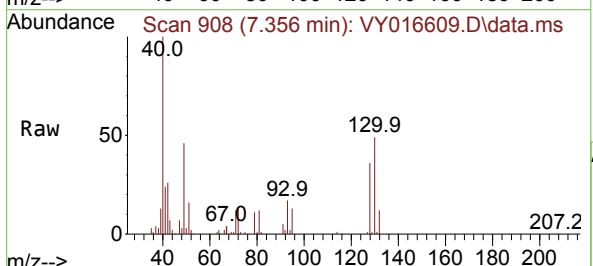
Tgt Ion: 49 Resp: 23115

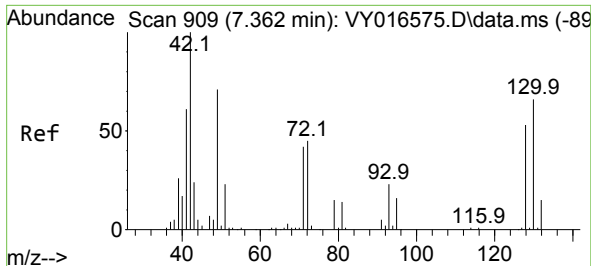
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 106.3 60.7 91.1#





#29

Tetrahydrofuran

Concen: 66.872 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

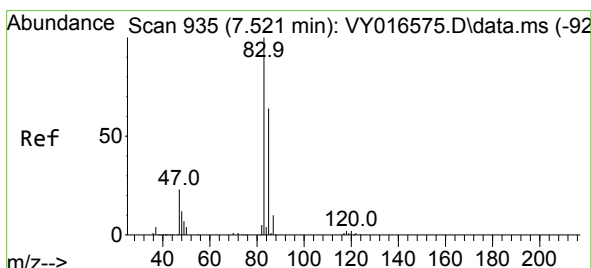
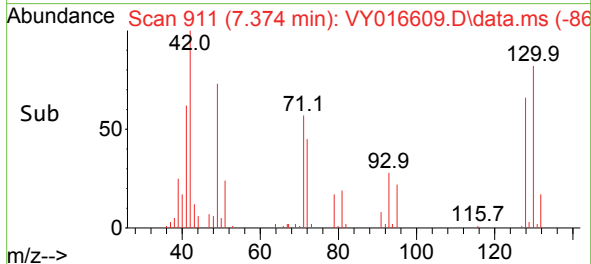
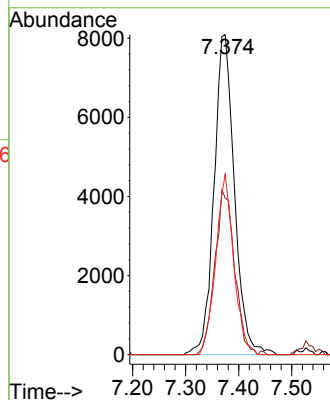
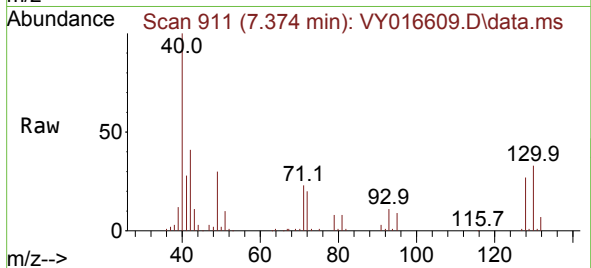
Tgt Ion: 42 Resp: 21649

Ion Ratio Lower Upper

42 100

72 49.6 32.8 49.2#

71 49.9 31.0 46.4#



#30

Chloroform

Concen: 19.893 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016609.D

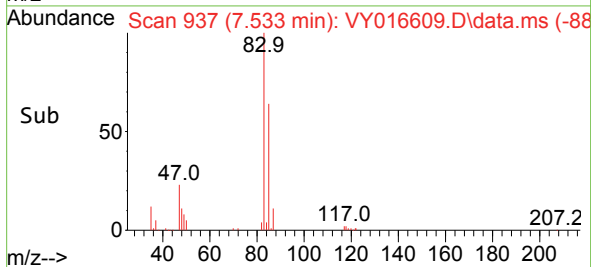
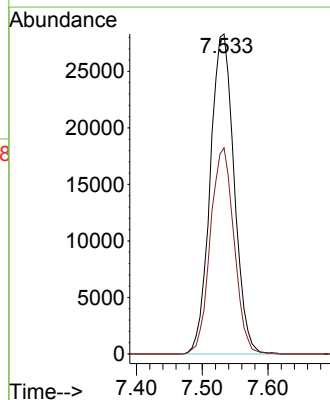
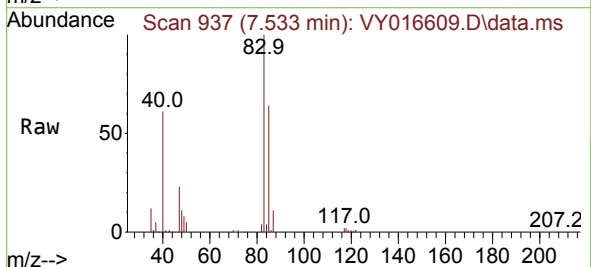
Acq: 06 Dec 2023 12:15

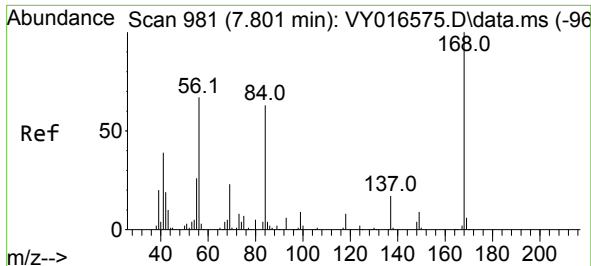
Tgt Ion: 83 Resp: 71743

Ion Ratio Lower Upper

83 100

85 64.4 49.7 74.5

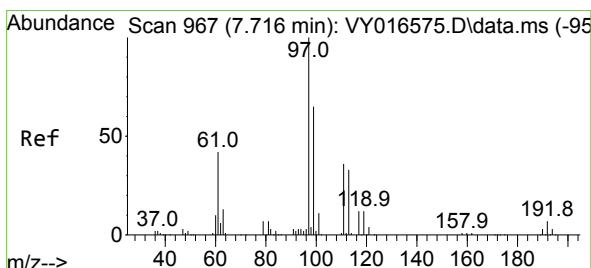
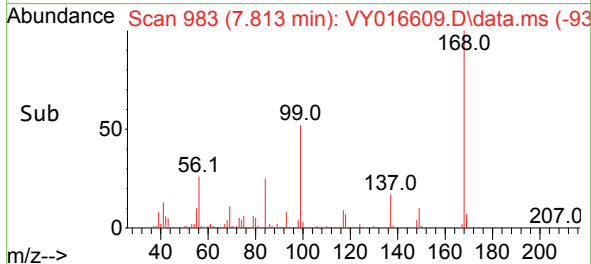
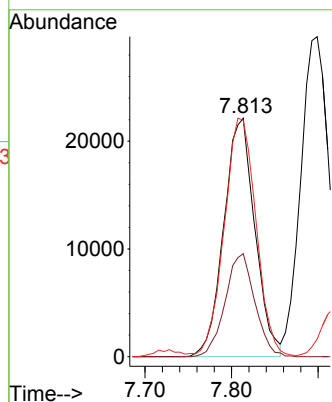
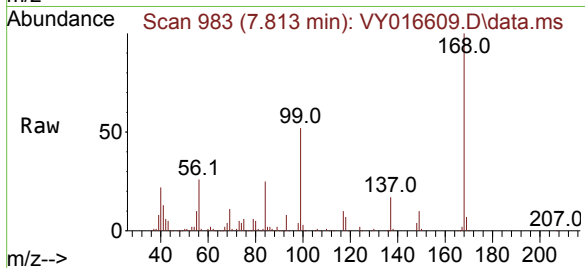




#31
Cyclohexane
Concen: 17.752 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

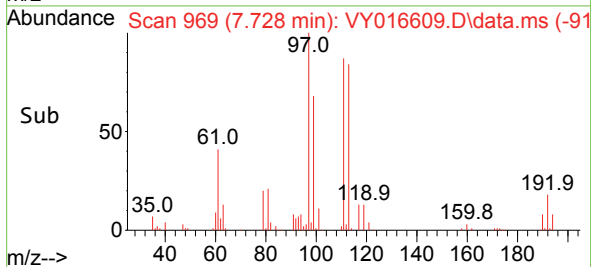
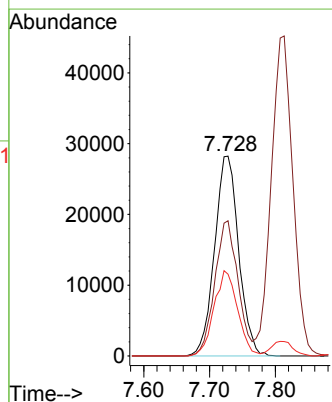
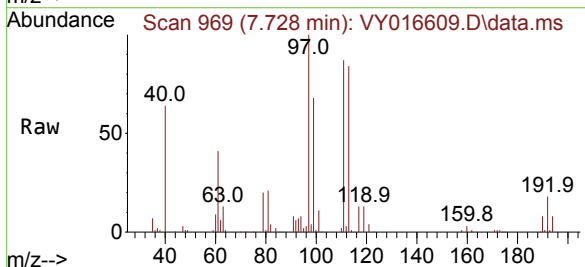
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

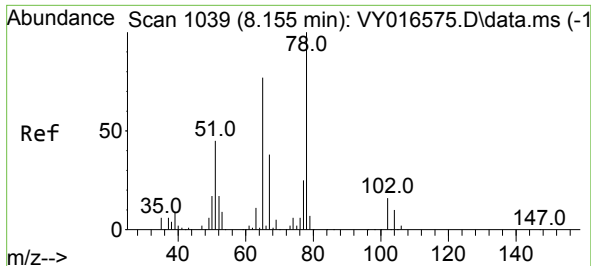
Tgt Ion: 56 Resp: 55303
Ion Ratio Lower Upper
56 100
69 43.2 27.8 41.6#
84 97.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.101 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 97 Resp: 72020
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 42.576 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

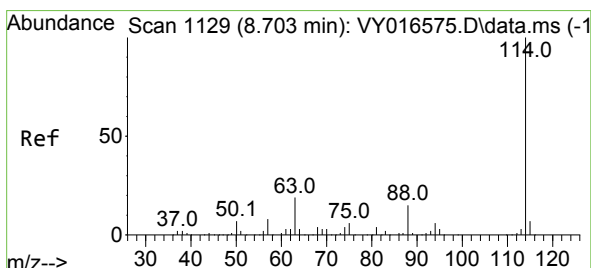
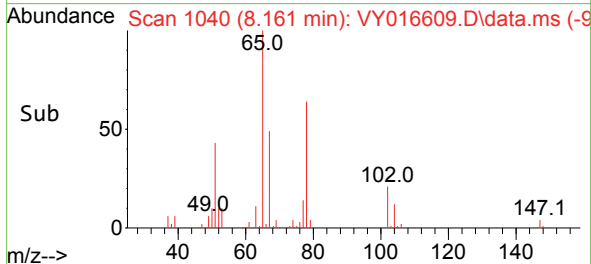
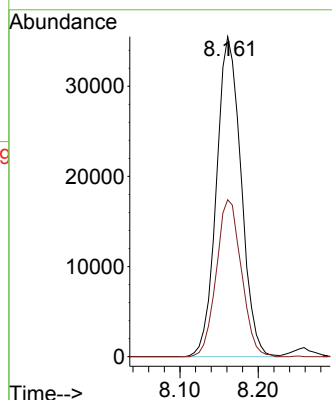
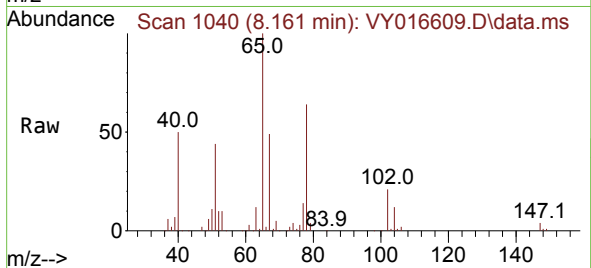
VY1206SBS01

Tgt Ion: 65 Resp: 77694

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

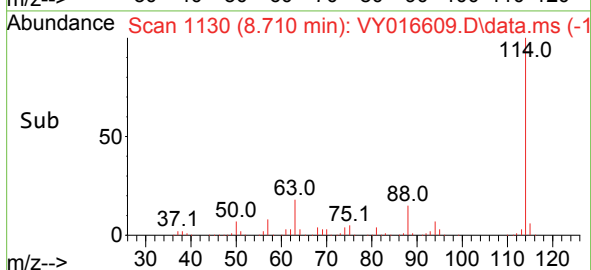
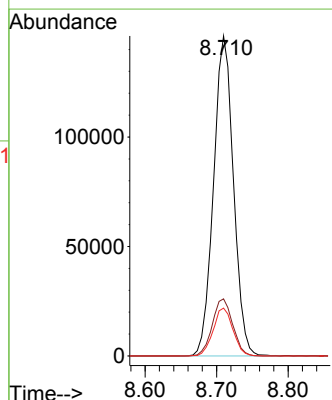
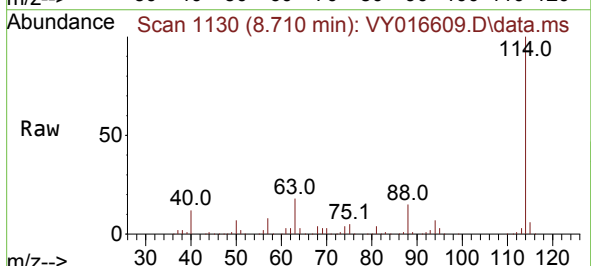
Tgt Ion: 114 Resp: 282629

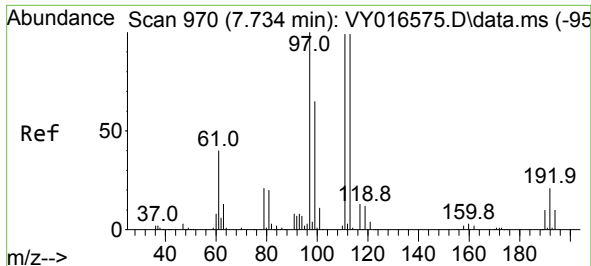
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 15.0 0.0 30.6

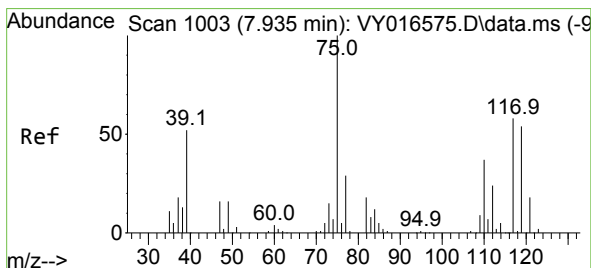
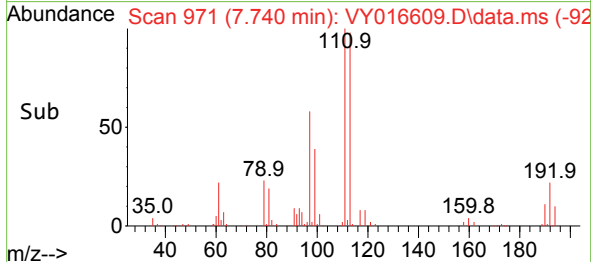
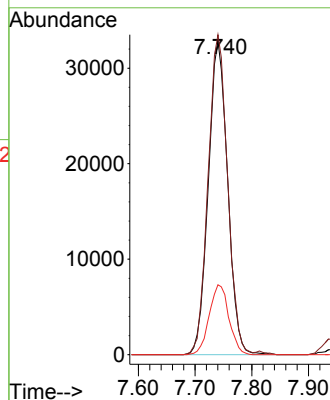
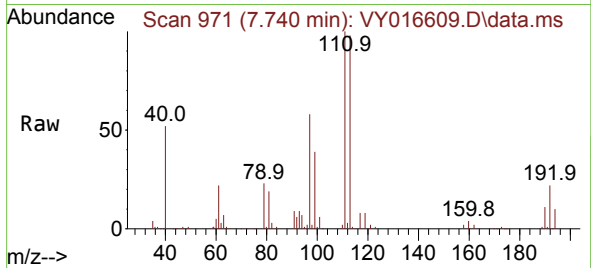




#35
Dibromofluoromethane
Concen: 45.823 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

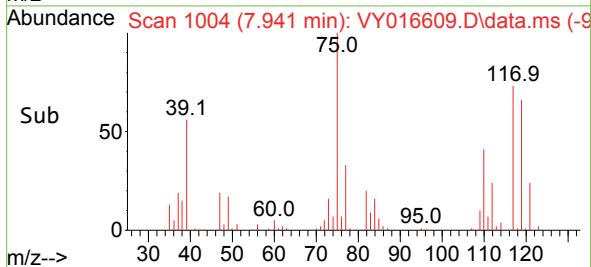
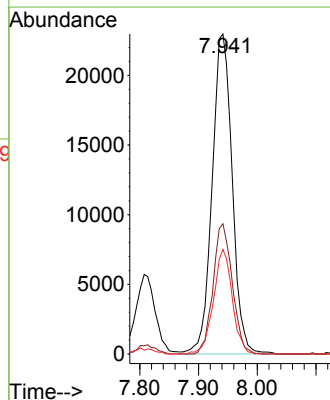
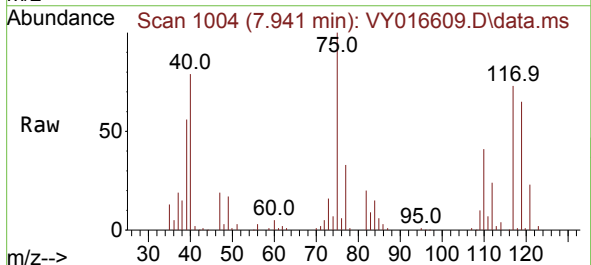
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

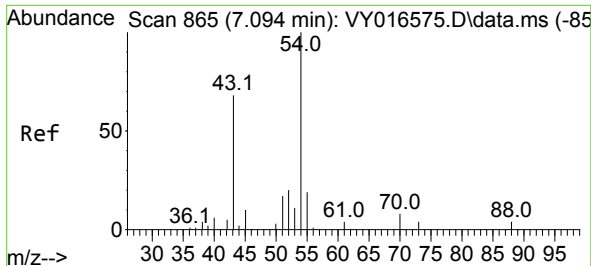
Tgt Ion:113 Resp: 77938
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 22.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.104 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 75 Resp: 54565
Ion Ratio Lower Upper
75 100
110 38.9 17.8 53.5
77 30.6 24.4 36.6

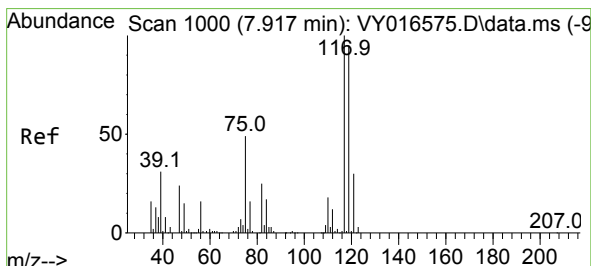
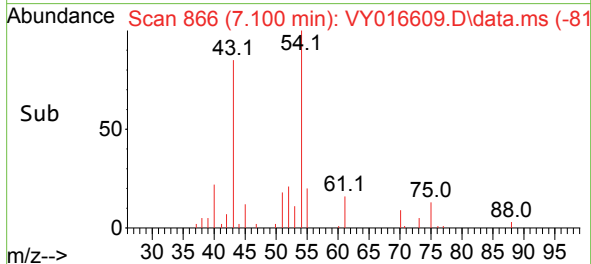
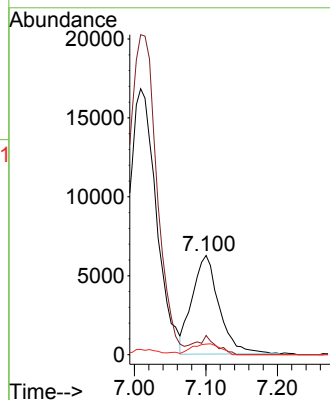
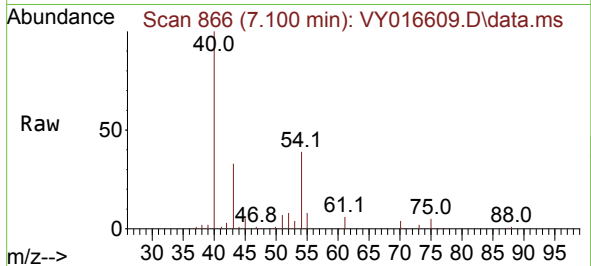




#37
Ethyl Acetate
Concen: 15.101 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

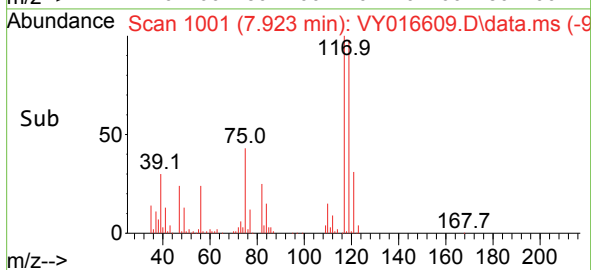
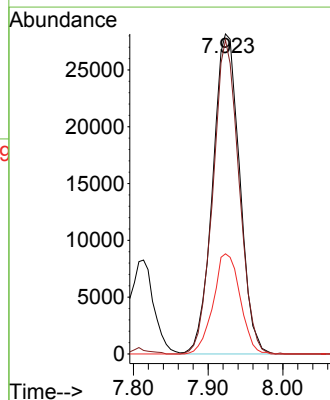
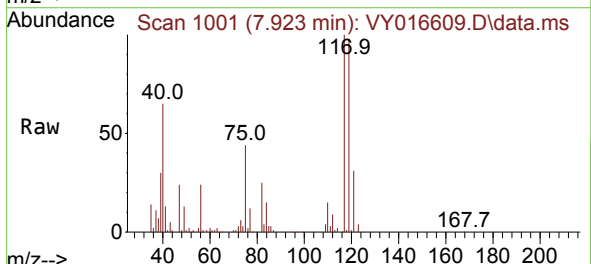
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

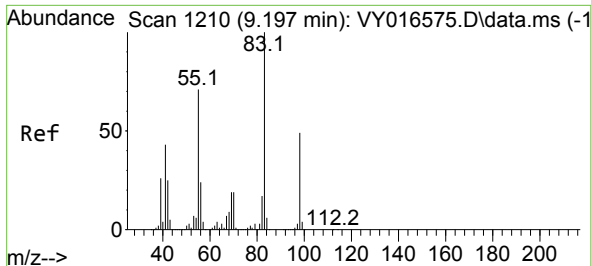
Tgt Ion: 43 Resp: 16337
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1#
70 11.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 23.532 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 117 Resp: 70434
Ion Ratio Lower Upper
117 100
119 98.1 76.4 114.6
121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 21.161 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

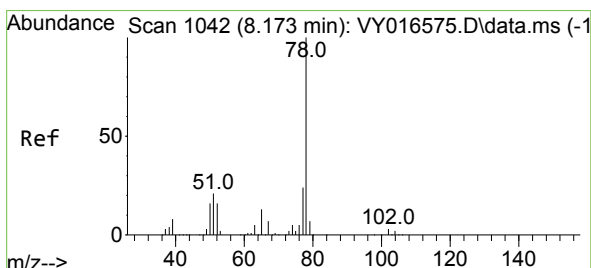
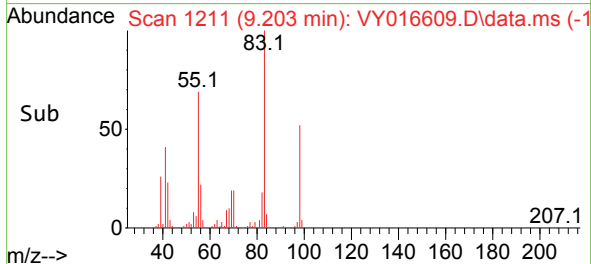
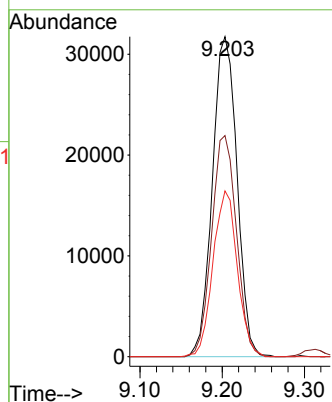
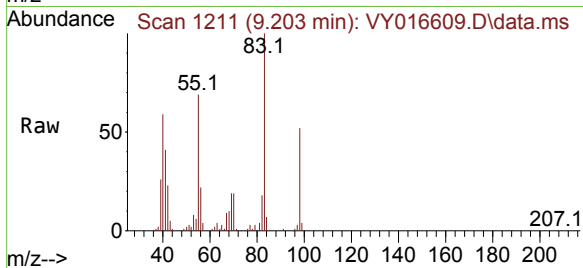
Tgt Ion: 83 Resp: 65918

Ion Ratio Lower Upper

83 100

55 69.1 63.0 94.4

98 51.8 37.4 56.2



#40

Benzene

Concen: 20.413 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016609.D

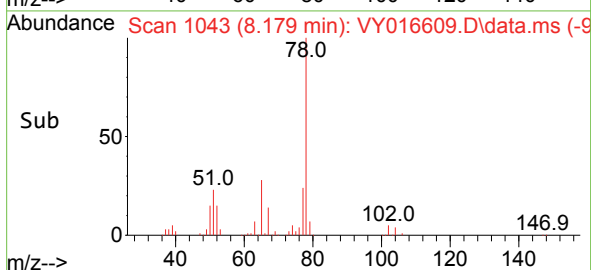
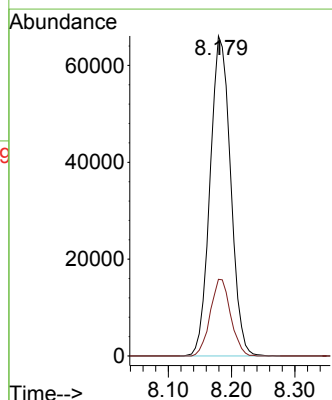
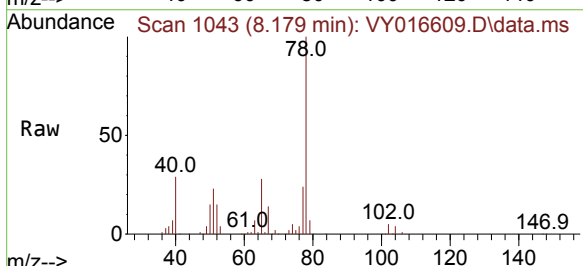
Acq: 06 Dec 2023 12:15

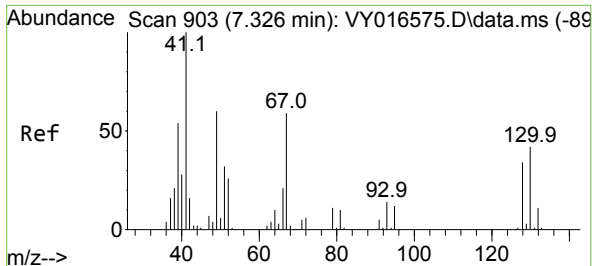
Tgt Ion: 78 Resp: 148760

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

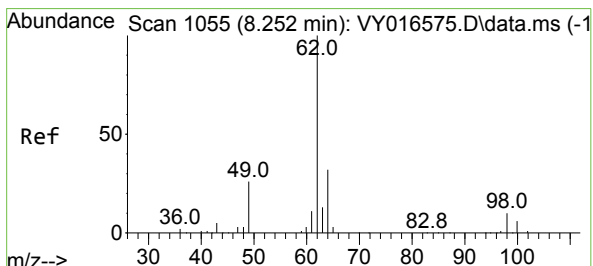
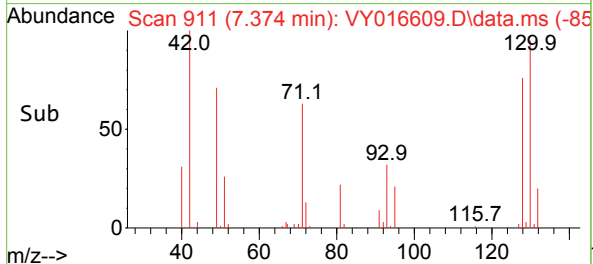
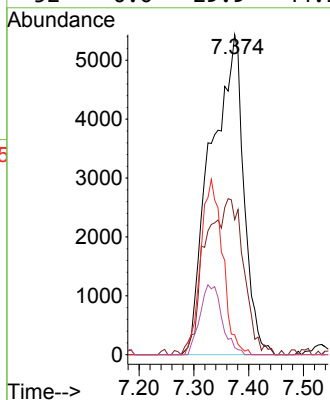
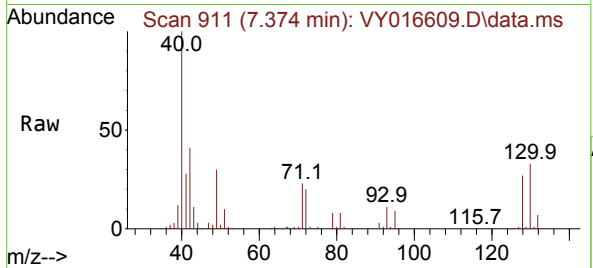




#41
Methacrylonitrile
Concen: 36.241 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.049 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

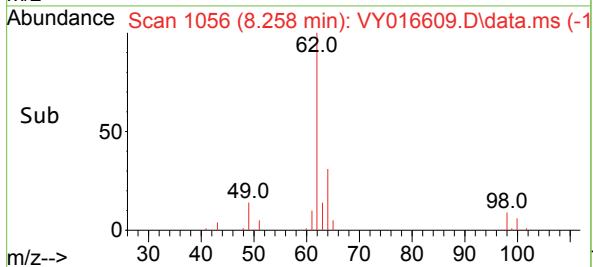
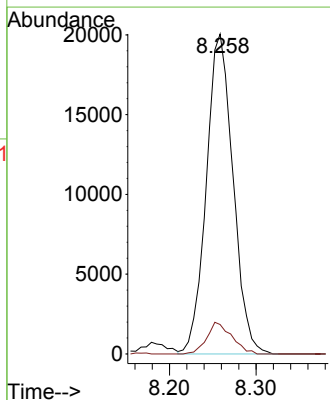
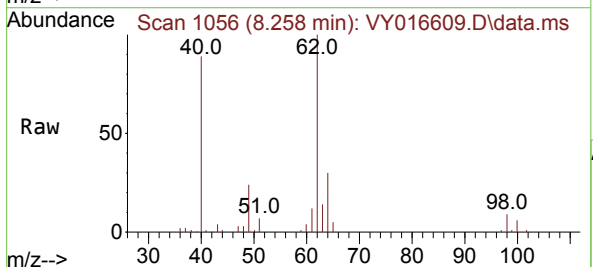
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

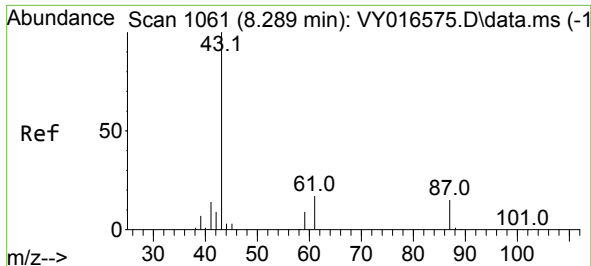
Tgt Ion:	41	Resp:	22645
Ion Ratio	Lower	Upper	
41	100		
39	56.8	52.1	78.1
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 20.325 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion:	62	Resp:	43009
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	15.8

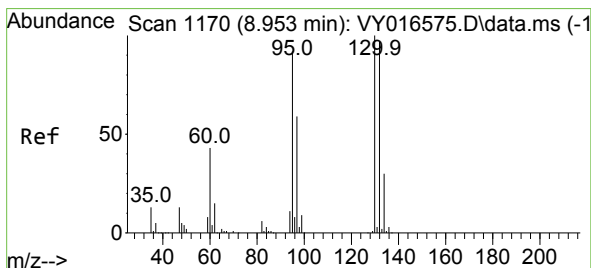
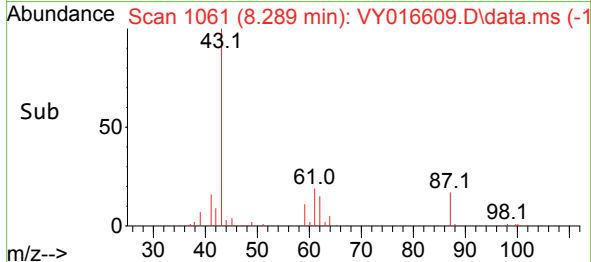
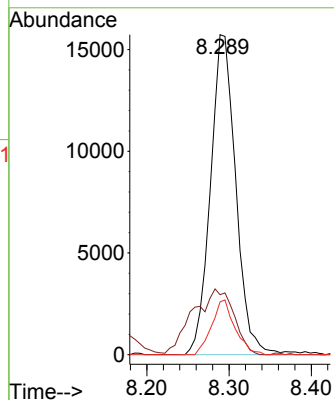
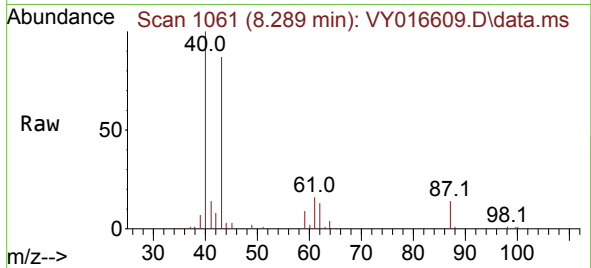




#43
Isopropyl Acetate
Concen: 16.093 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

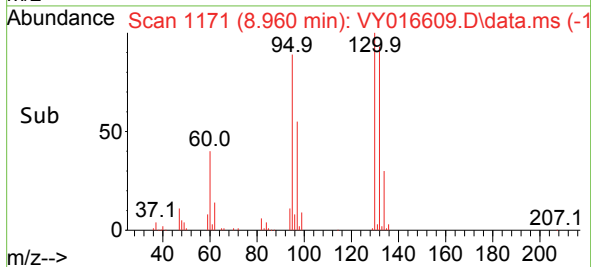
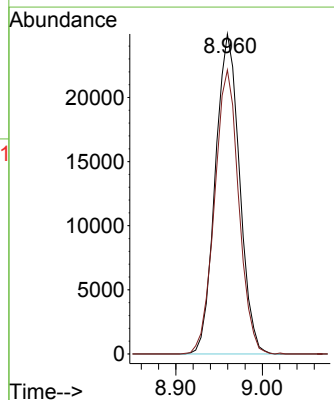
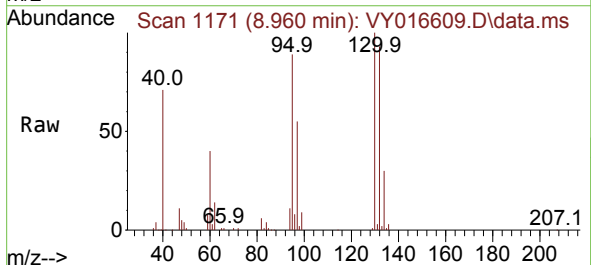
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

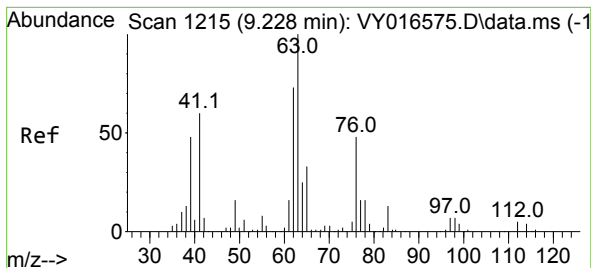
Tgt Ion: 43 Resp: 33586
Ion Ratio Lower Upper
43 100
61 33.3 21.1 31.7#
87 15.7 9.8 14.8#



#44
Trichloroethene
Concen: 22.073 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion:130 Resp: 48511
Ion Ratio Lower Upper
130 100
95 88.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.733 ug/l

RT: 9.234 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

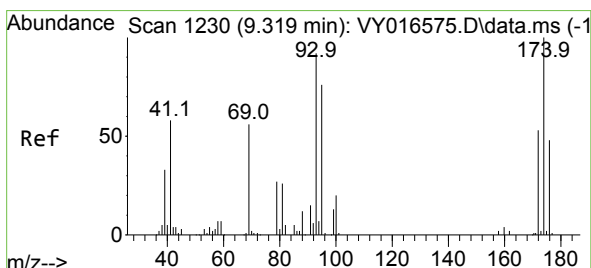
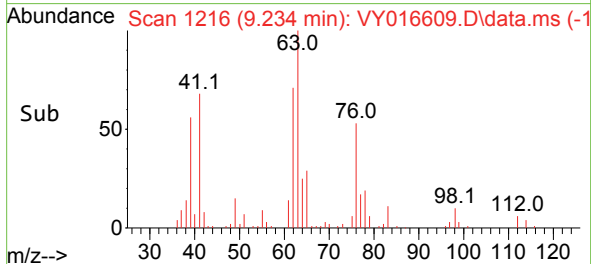
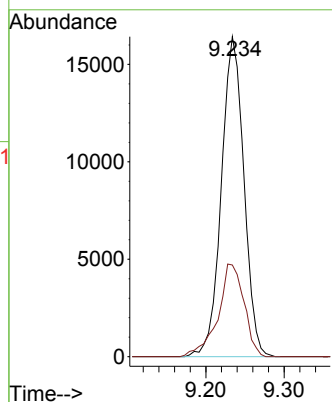
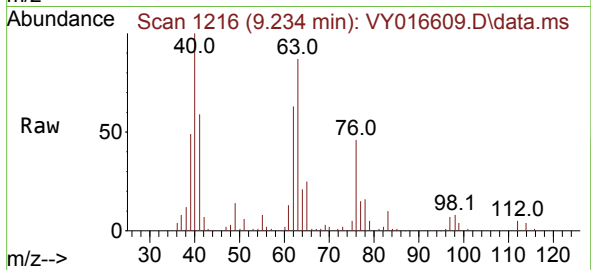
VY1206SBS01

Tgt Ion: 63 Resp: 32868

Ion Ratio Lower Upper

63 100

65 28.7 23.8 35.6



#46

Dibromomethane

Concen: 18.809 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

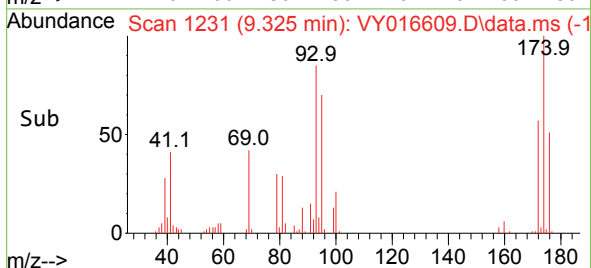
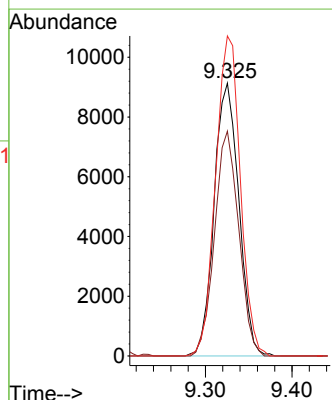
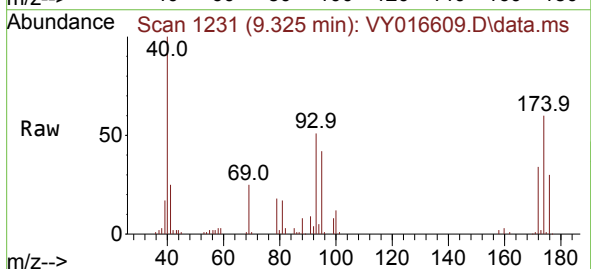
Tgt Ion: 93 Resp: 18091

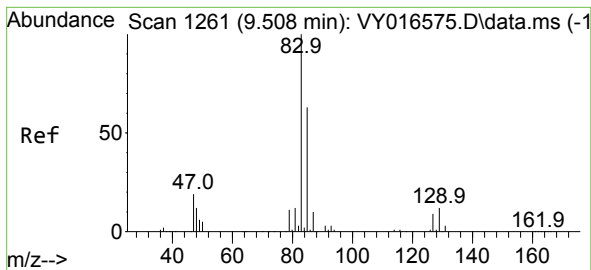
Ion Ratio Lower Upper

93 100

95 80.7 66.6 100.0

174 117.5 84.8 127.2





#47

Bromodichloromethane

Concen: 20.420 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

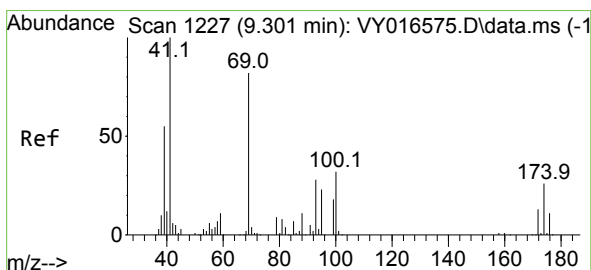
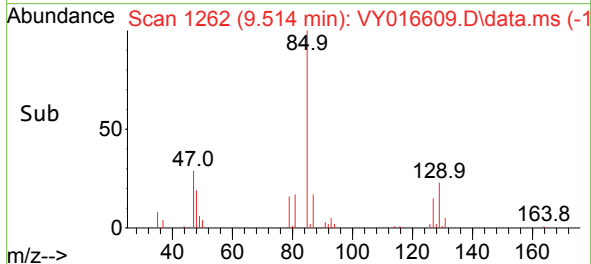
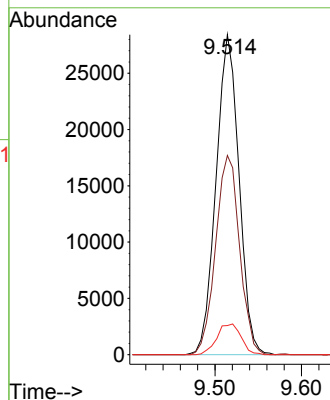
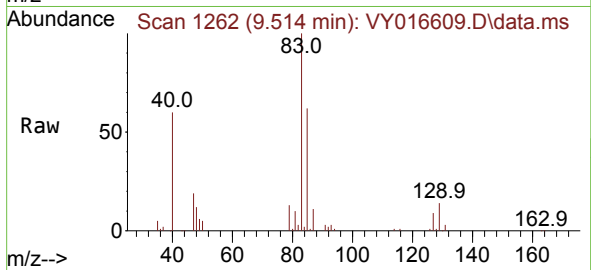
Tgt Ion: 83 Resp: 52289

Ion Ratio Lower Upper

83 100

85 62.3 50.1 75.1

127 9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 14.500 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

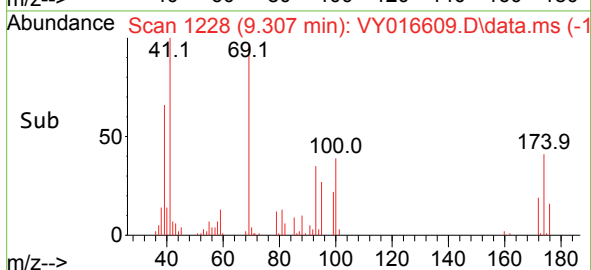
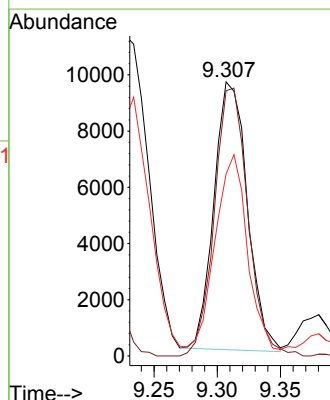
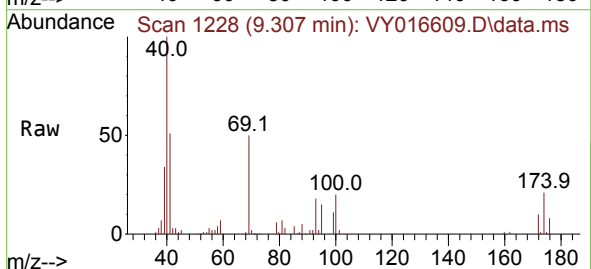
Tgt Ion: 41 Resp: 17477

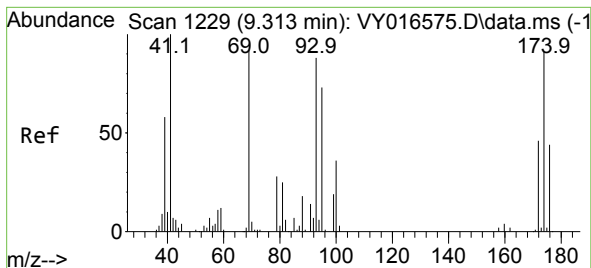
Ion Ratio Lower Upper

41 100

69 100.5 64.5 96.7

39 70.1 50.8 76.2





#49

1,4-Dioxane

Concen: 352.421 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

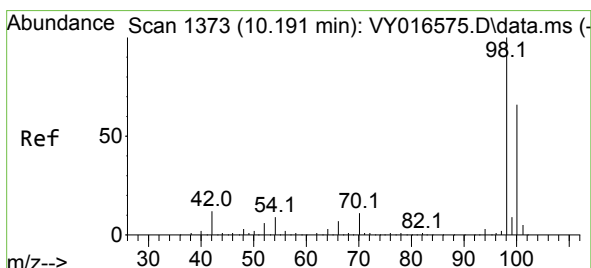
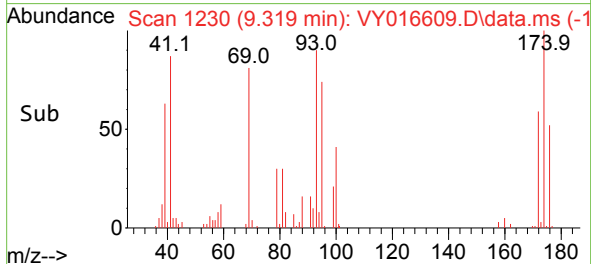
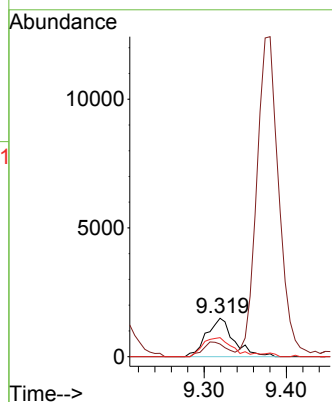
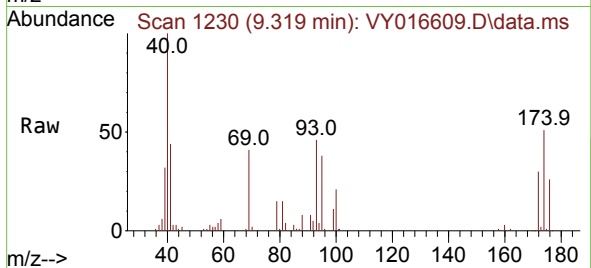
Tgt Ion: 88 Resp: 3431

Ion Ratio Lower Upper

88 100

43 32.7 0.0 0.0#

58 55.0 30.9 46.3#



#50

Toluene-d8

Concen: 47.425 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016609.D

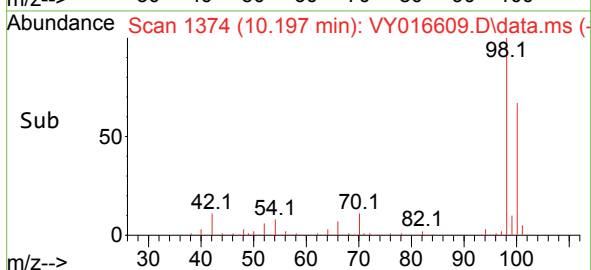
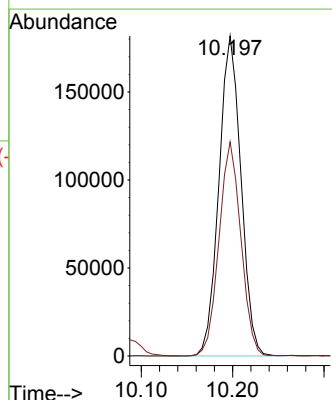
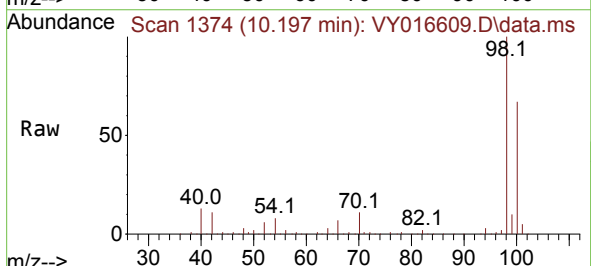
Acq: 06 Dec 2023 12:15

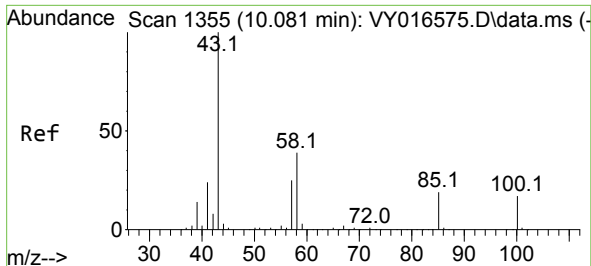
Tgt Ion: 98 Resp: 305114

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 76.796 ug/l

RT: 10.087 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

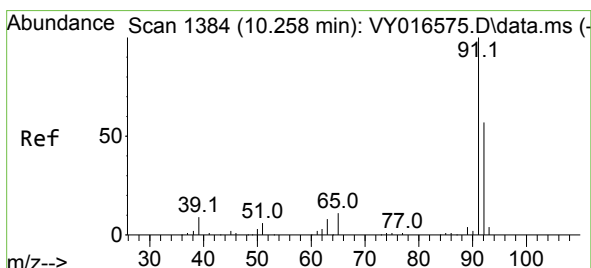
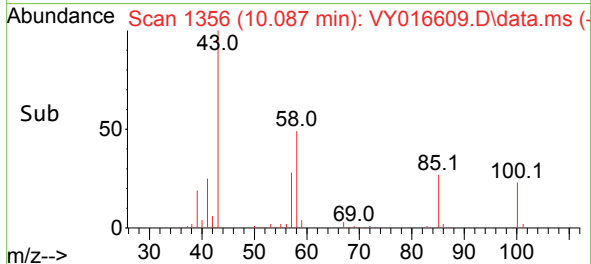
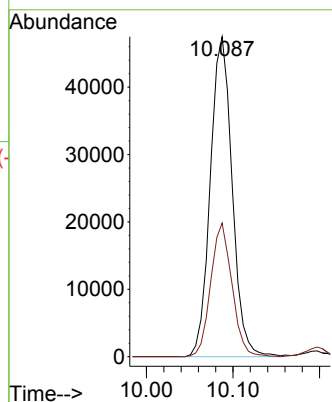
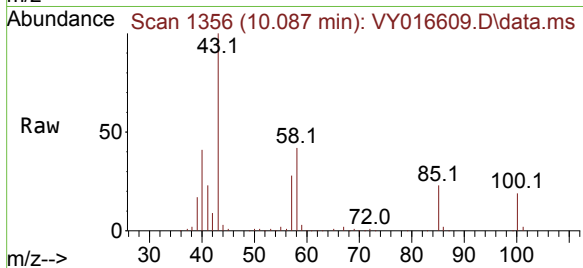
VY1206SBS01

Tgt Ion: 43 Resp: 83294

Ion Ratio Lower Upper

43 100

58 40.5 29.0 43.6



#52

Toluene

Concen: 21.310 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VY016609.D

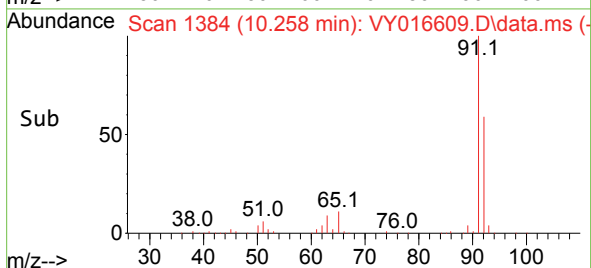
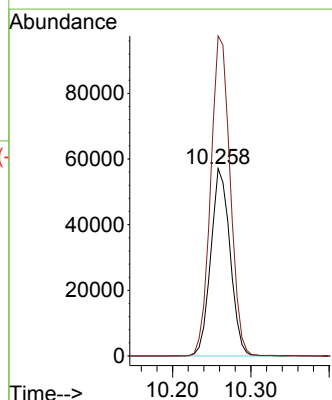
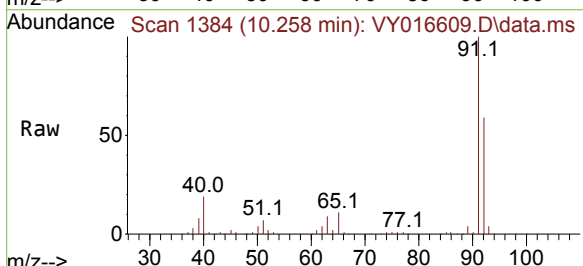
Acq: 06 Dec 2023 12:15

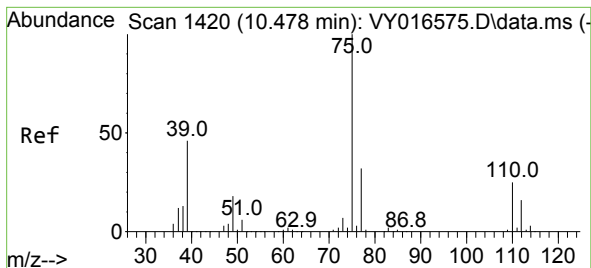
Tgt Ion: 92 Resp: 97334

Ion Ratio Lower Upper

92 100

91 173.1 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 19.311 ug/l

RT: 10.484 min Scan# 1420

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

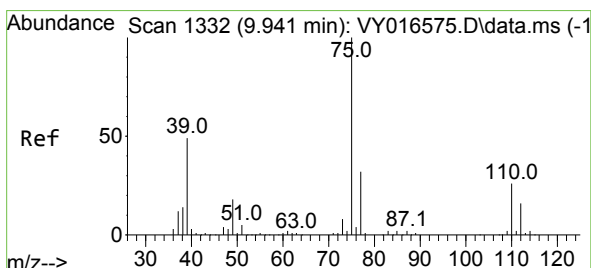
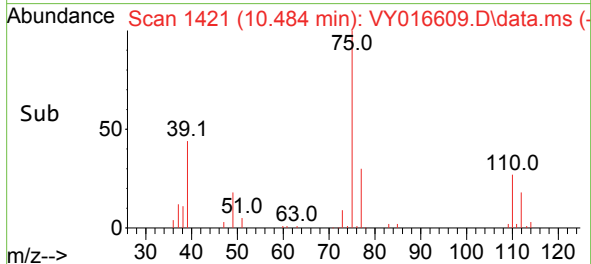
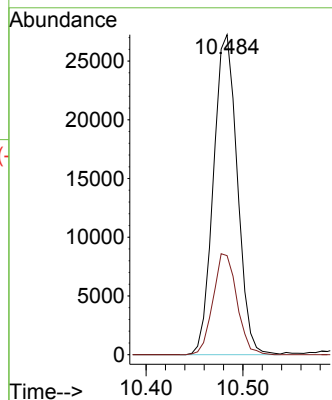
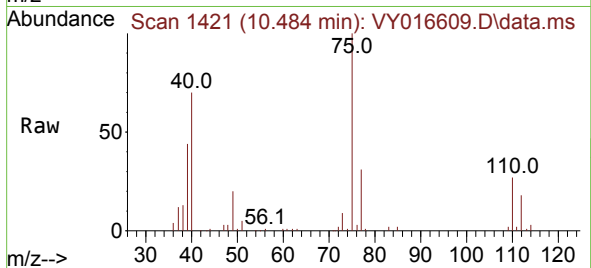
VY1206SBS01

Tgt Ion: 75 Resp: 46667

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 19.361 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

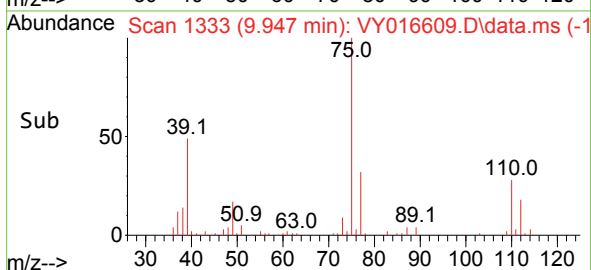
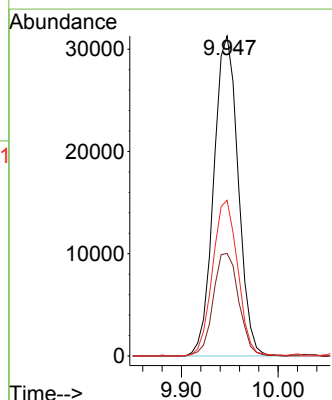
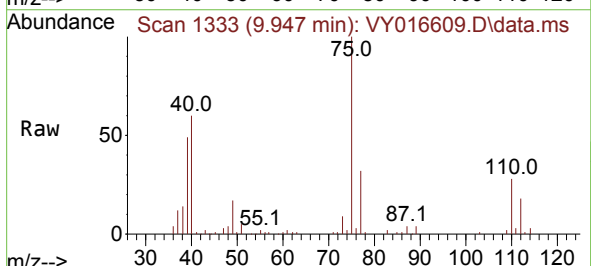
Tgt Ion: 75 Resp: 54951

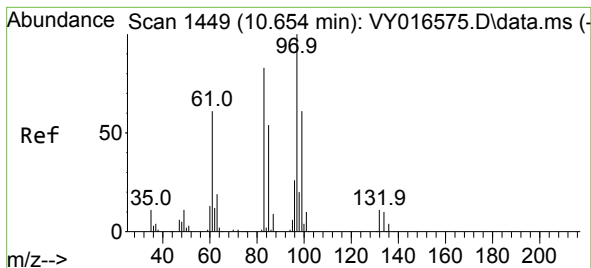
Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.4

39 48.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.049 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

Tgt Ion: 97 Resp: 25522

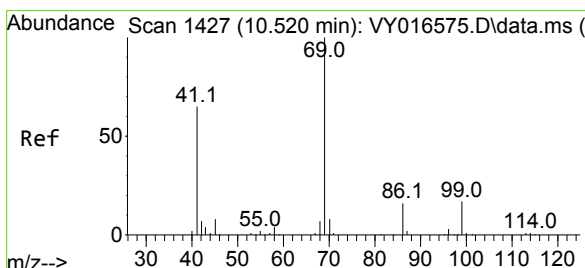
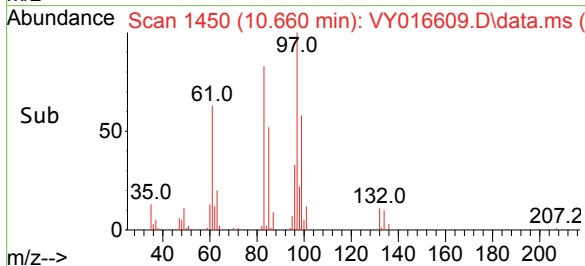
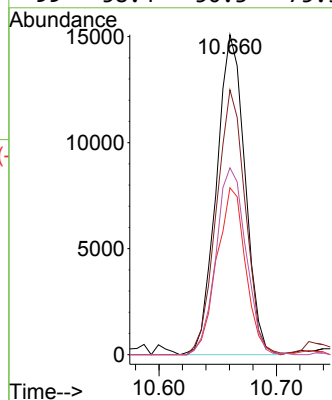
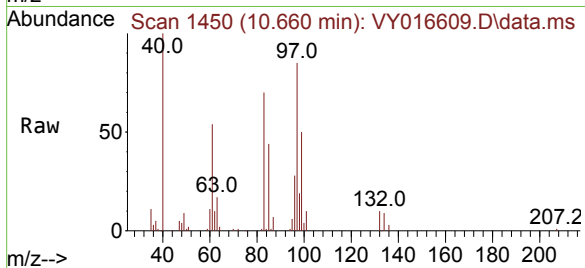
Ion Ratio Lower Upper

97 100

83 82.7 72.0 108.0

85 52.1 45.4 68.0

99 58.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 17.581 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

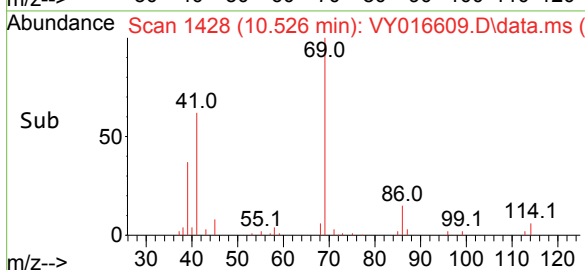
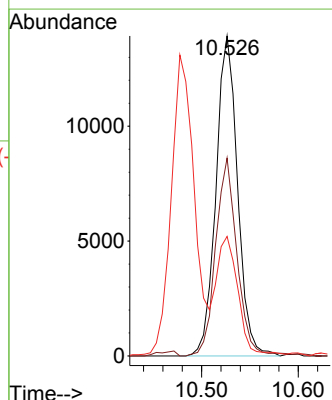
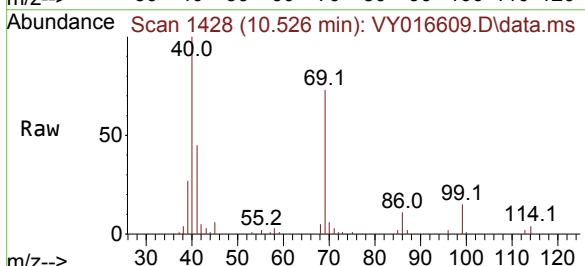
Tgt Ion: 69 Resp: 21592

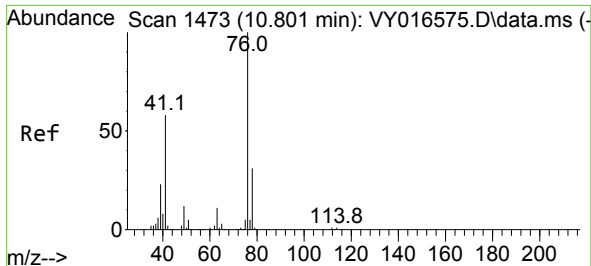
Ion Ratio Lower Upper

69 100

41 61.7 57.6 86.4

39 36.1 34.1 51.1

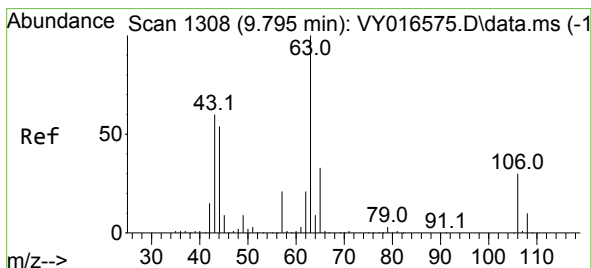
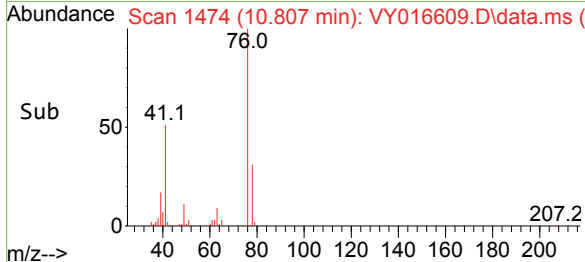
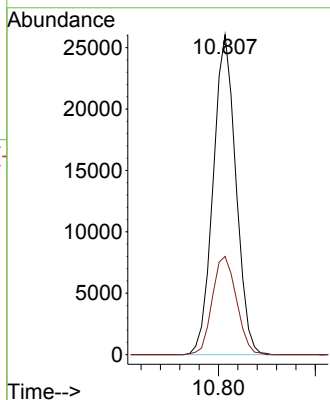
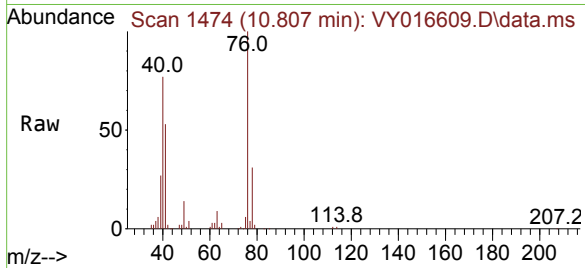




#57
1,3-Dichloropropane
Concen: 18.738 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

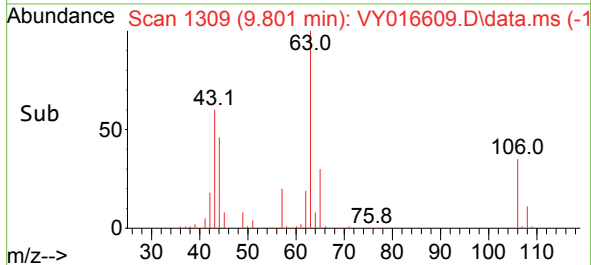
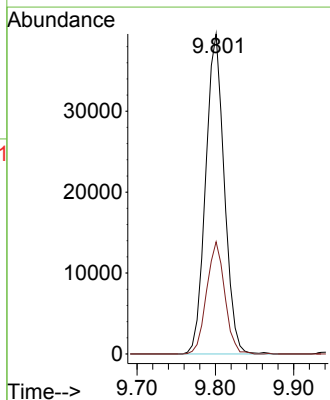
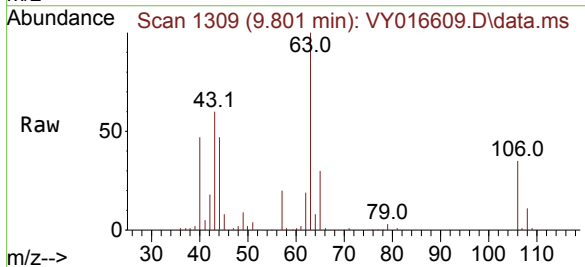
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

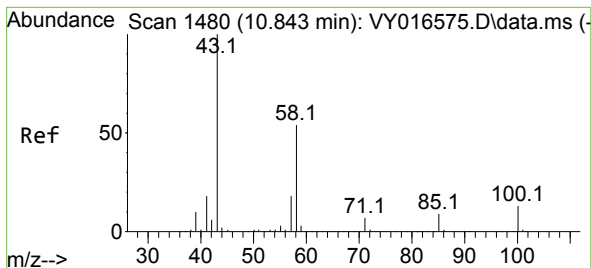
Tgt Ion: 76 Resp: 42412
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 86.074 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 63 Resp: 65145
Ion Ratio Lower Upper
63 100
106 34.1 21.2 31.8#





#59

2-Hexanone

Concen: 84.685 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

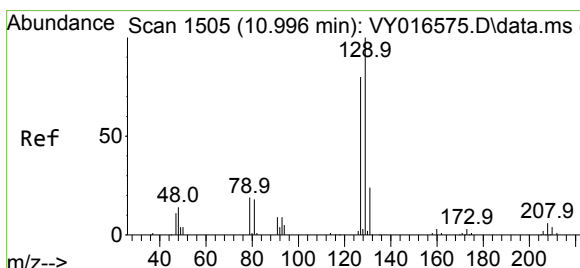
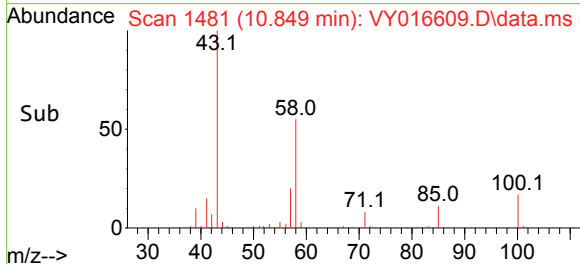
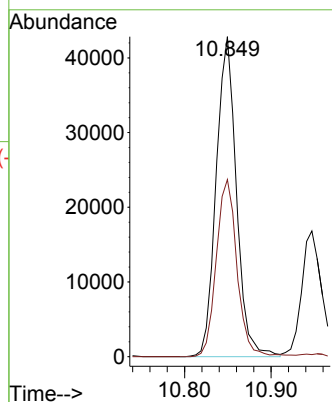
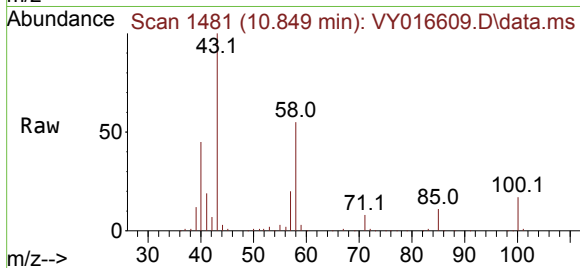
VY1206SBS01

Tgt Ion: 43 Resp: 69484

Ion Ratio Lower Upper

43 100

58 56.9 25.1 75.3



#60

Dibromochloromethane

Concen: 20.449 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY016609.D

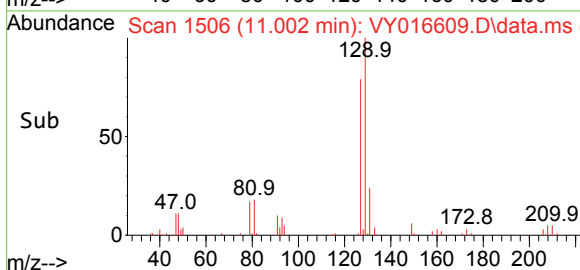
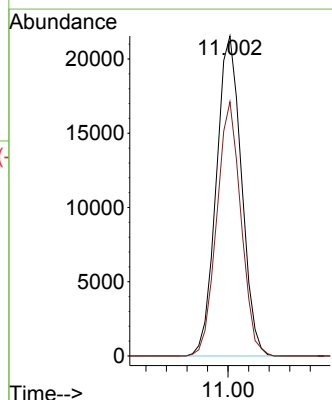
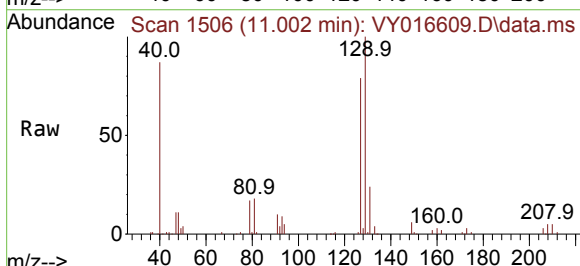
Acq: 06 Dec 2023 12:15

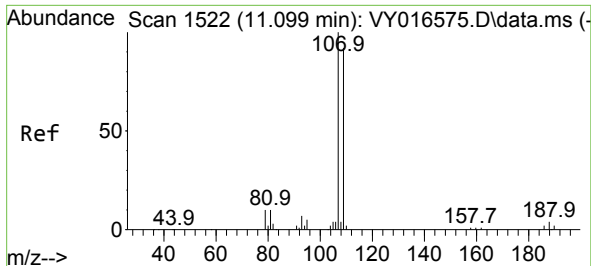
Tgt Ion: 129 Resp: 36608

Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.5

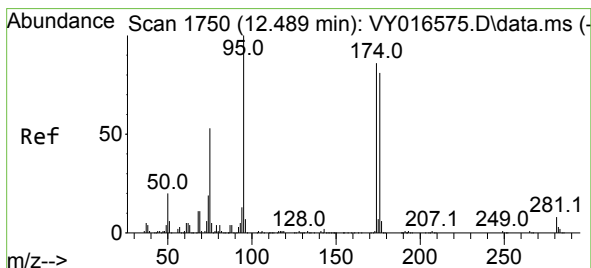
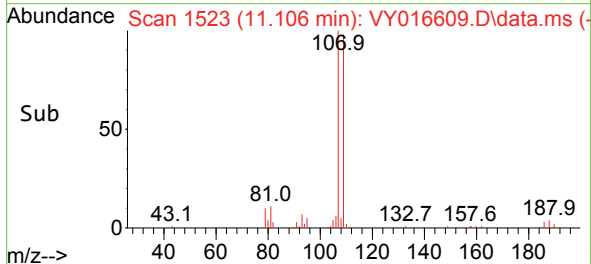
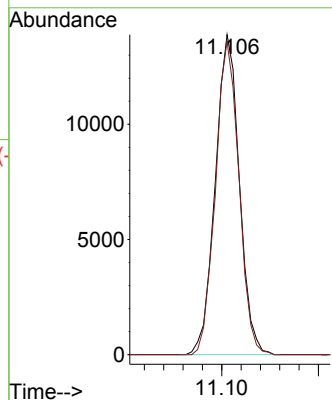
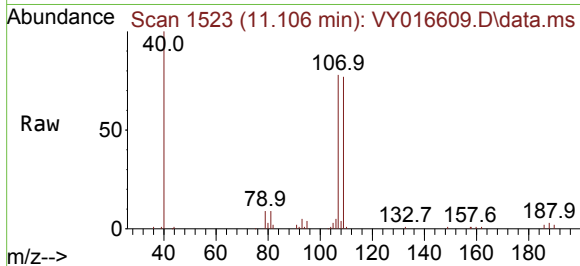




#61
1,2-Dibromoethane
Concen: 18.988 ug/l
RT: 11.106 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

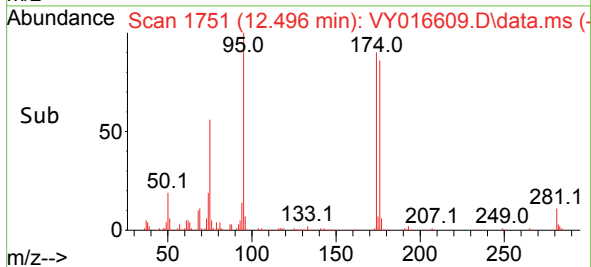
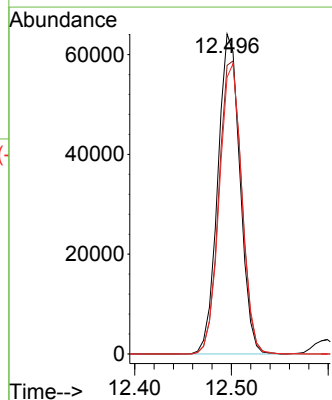
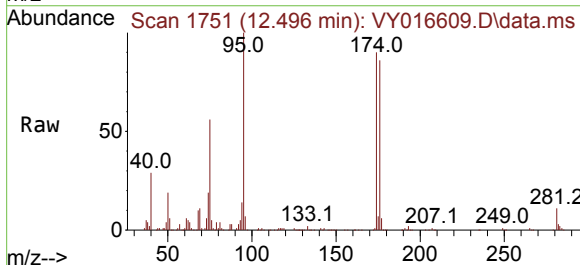
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

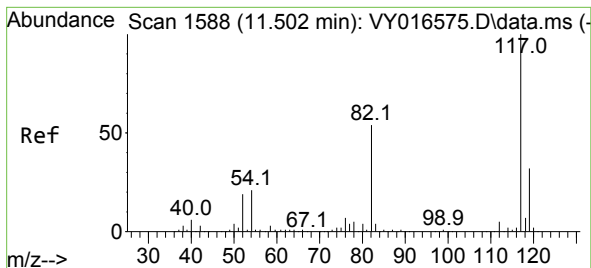
Tgt Ion:107 Resp: 23929
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.120 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 95 Resp: 101809
Ion Ratio Lower Upper
95 100
174 94.2 0.0 178.2
176 91.9 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: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

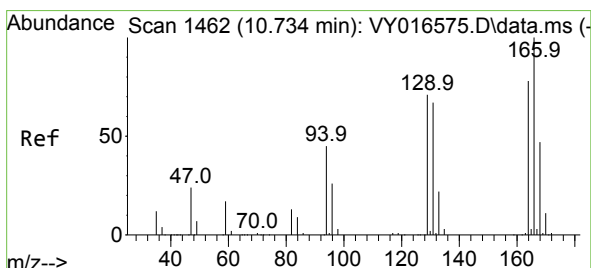
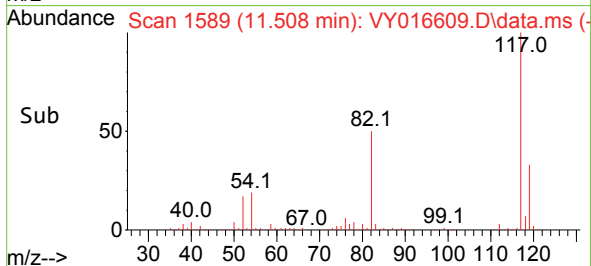
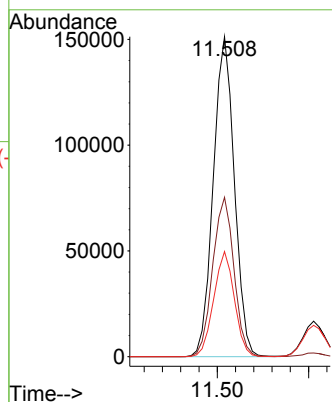
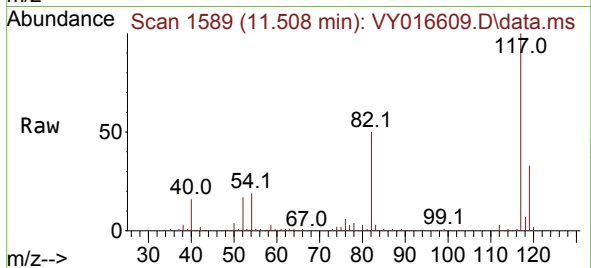
Tgt Ion:117 Resp: 242556

Ion Ratio Lower Upper

117 100

82 49.8 43.4 65.0

119 32.9 26.3 39.5



#64

Tetrachloroethene

Concen: 22.924 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Tgt Ion:164 Resp: 50959

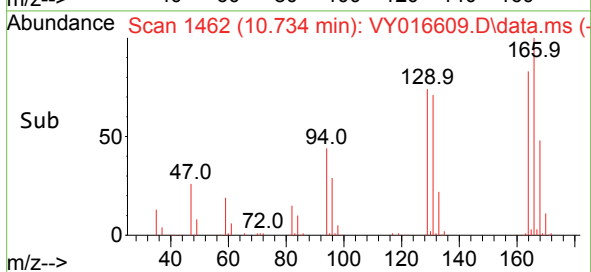
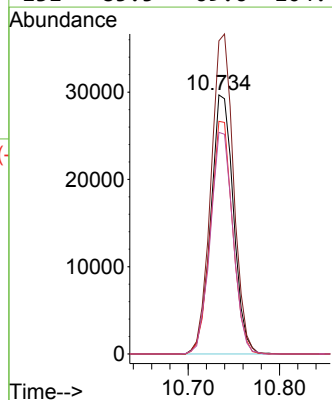
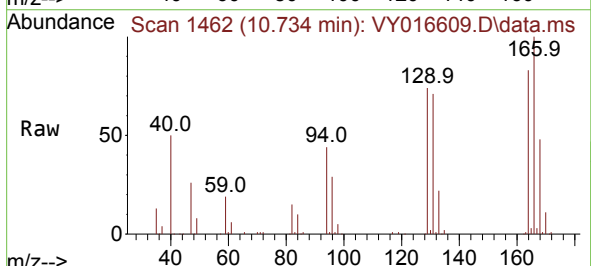
Ion Ratio Lower Upper

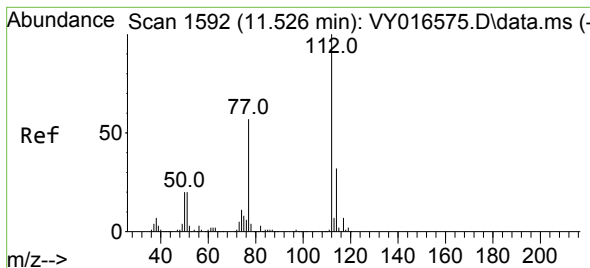
164 100

166 120.9 103.0 154.6

129 89.8 77.2 115.8

131 85.5 69.6 104.4





#65

Chlorobenzene

Concen: 21.296 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

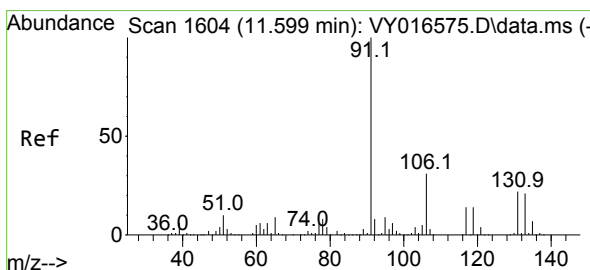
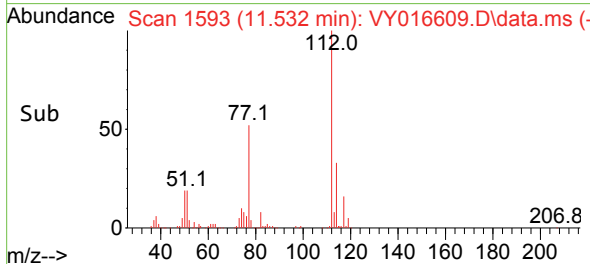
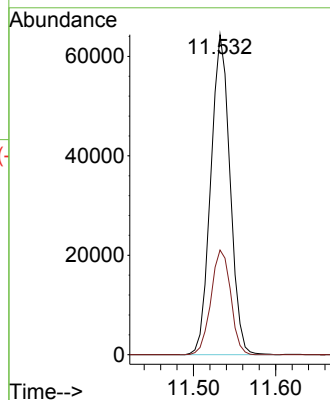
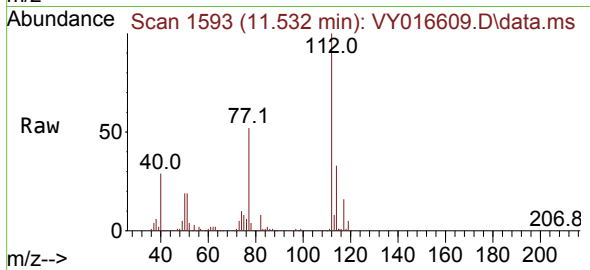
VY1206SBS01

Tgt Ion:112 Resp: 104624

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 22.357 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

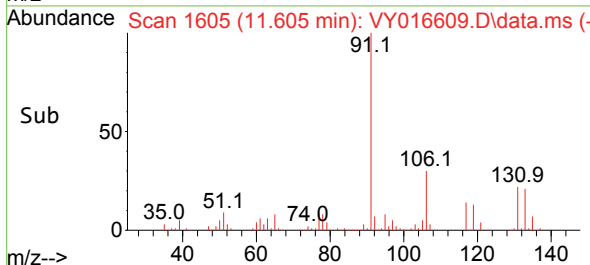
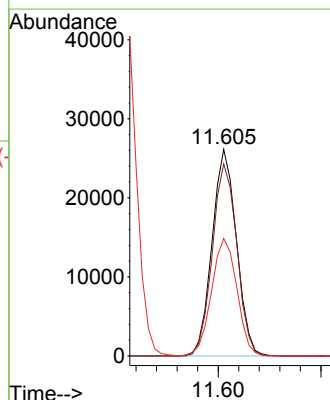
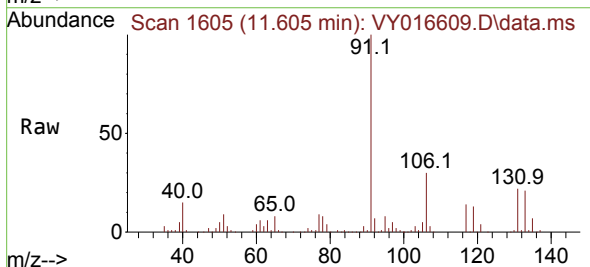
Tgt Ion:131 Resp: 42929

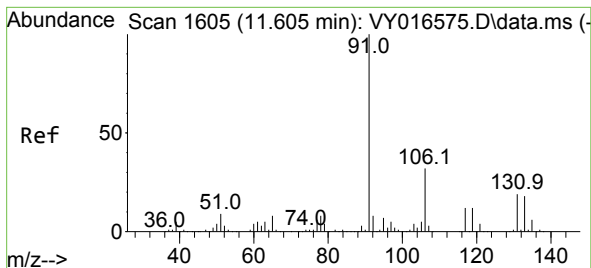
Ion Ratio Lower Upper

131 100

133 93.7 47.5 142.6

119 59.3 31.6 94.7





#67

Ethyl Benzene

Concen: 21.887 ug/l

RT: 11.612 min Scan# 1606

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

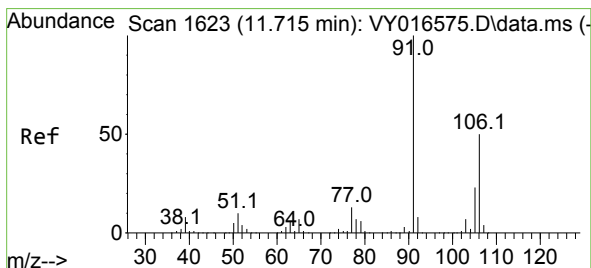
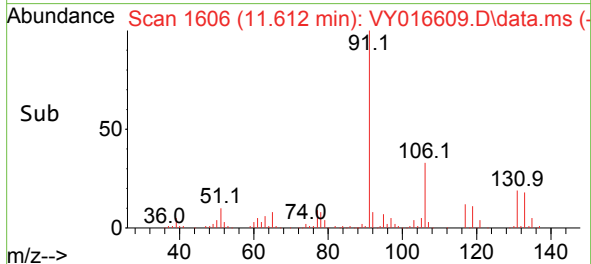
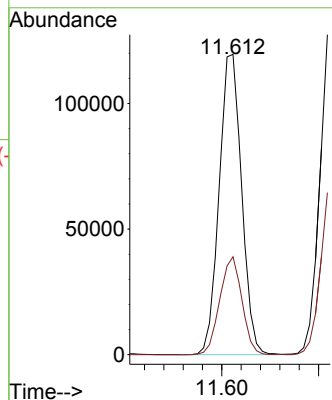
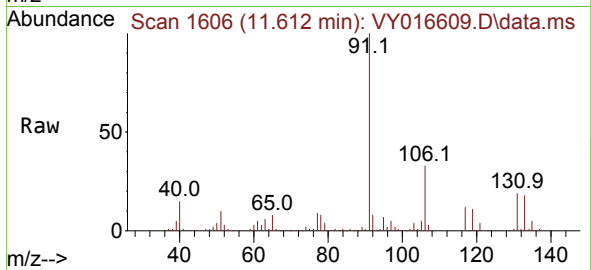
VY1206SBS01

Tgt Ion: 91 Resp: 192845

Ion Ratio Lower Upper

91 100

106 32.6 24.6 36.8



#68

m/p-Xylenes

Concen: 44.482 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016609.D

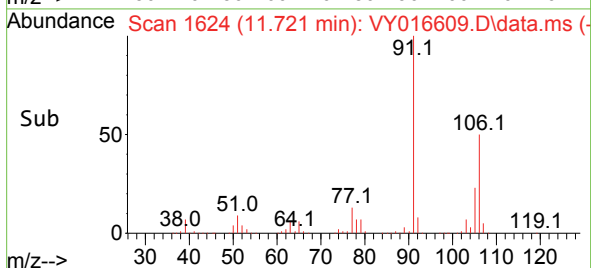
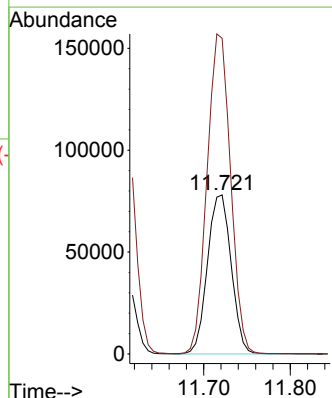
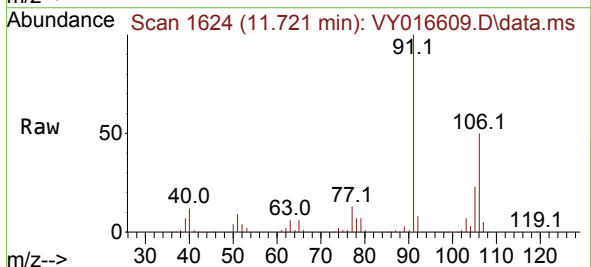
Acq: 06 Dec 2023 12:15

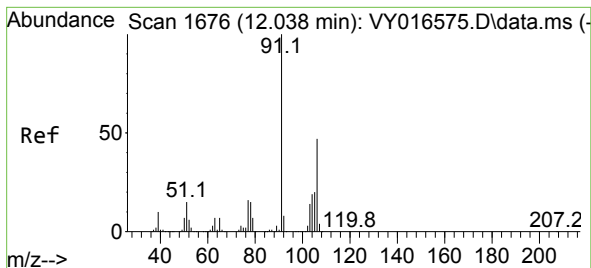
Tgt Ion:106 Resp: 148781

Ion Ratio Lower Upper

106 100

91 199.5 166.1 249.1





#69

o-Xylene

Concen: 22.393 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

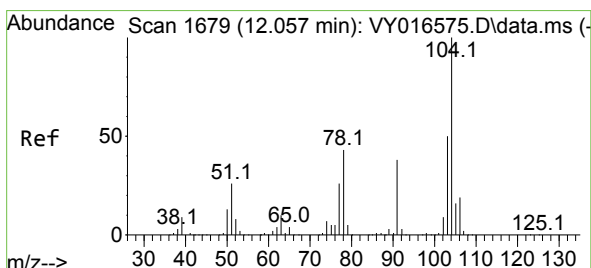
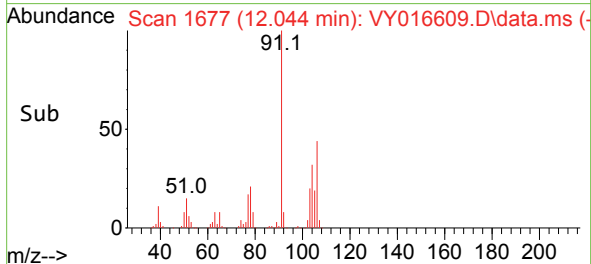
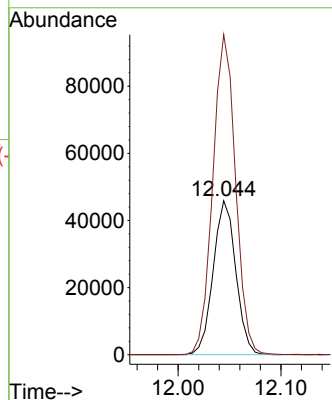
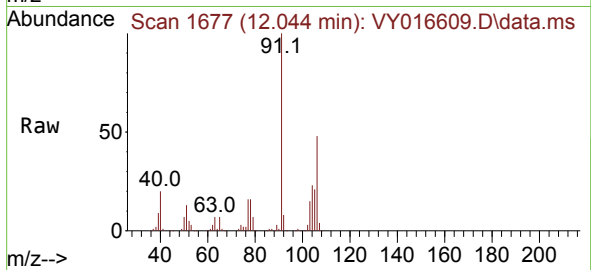
VY1206SBS01

Tgt Ion:106 Resp: 69919

Ion Ratio Lower Upper

106 100

91 209.3 108.1 324.3



#70

Styrene

Concen: 22.214 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

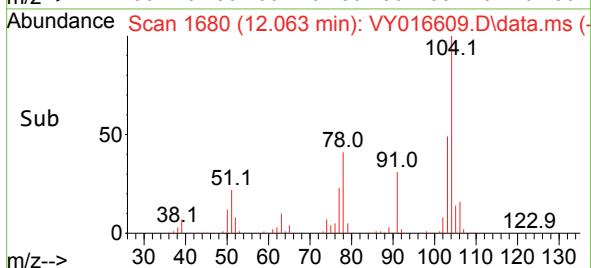
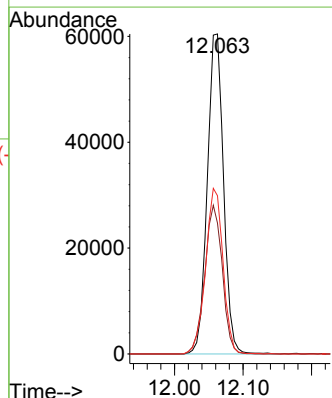
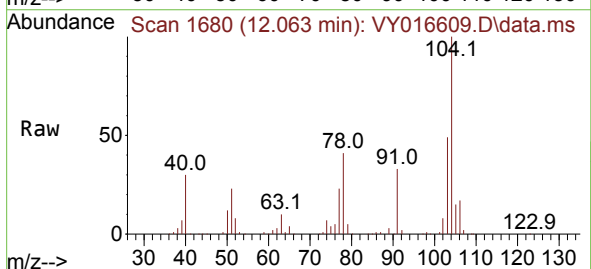
Tgt Ion:104 Resp: 99520

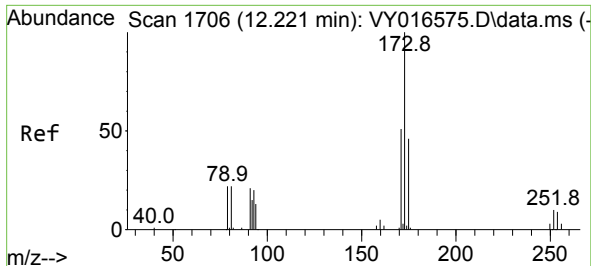
Ion Ratio Lower Upper

104 100

78 50.4 41.5 62.3

103 55.8 44.6 67.0

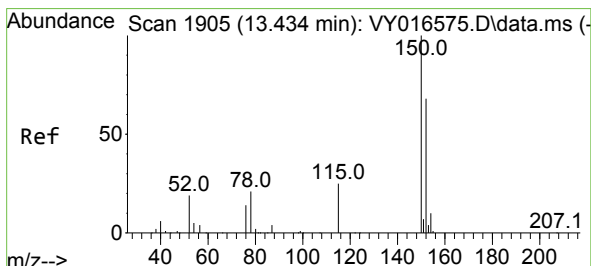
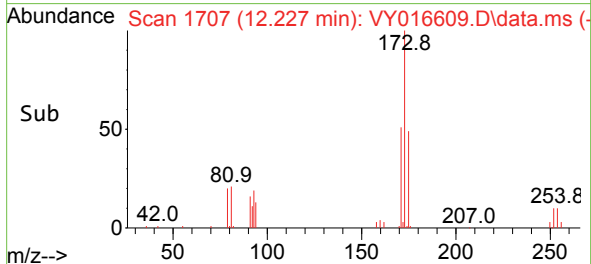
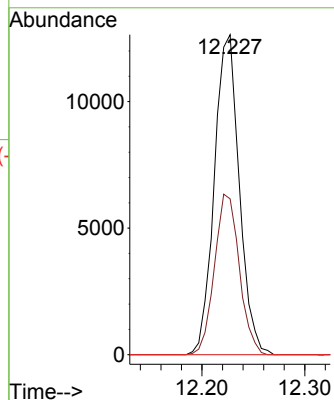
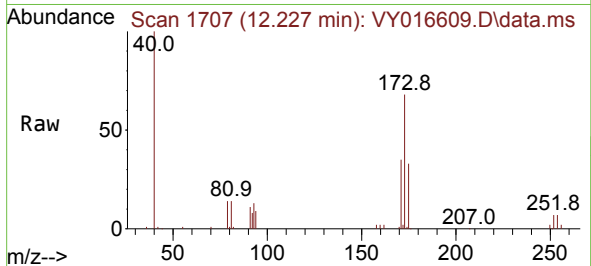




#71
Bromoform
Concen: 20.550 ug/l
RT: 12.227 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

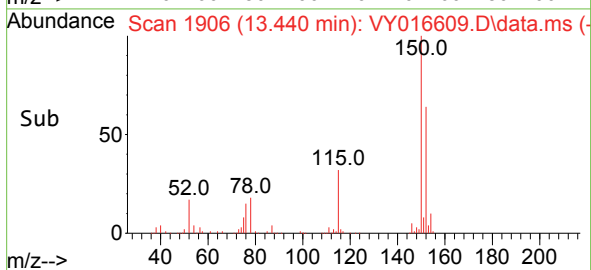
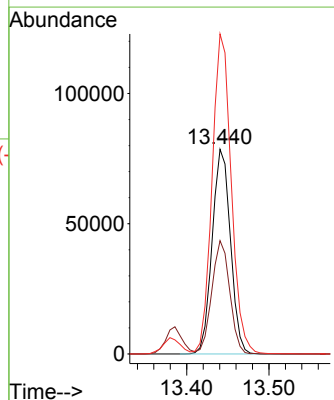
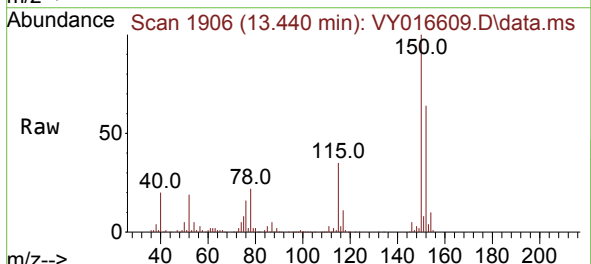
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

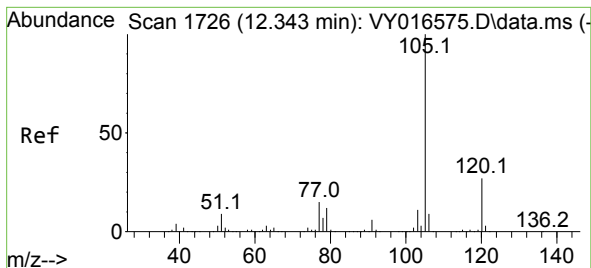
Tgt Ion:173 Resp: 21307
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion:152 Resp: 121386
Ion Ratio Lower Upper
152 100
115 54.2 28.8 86.5
150 164.1 0.0 348.8





#73

Isopropylbenzene

Concen: 22.137 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

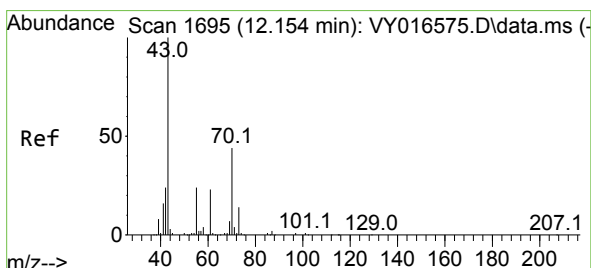
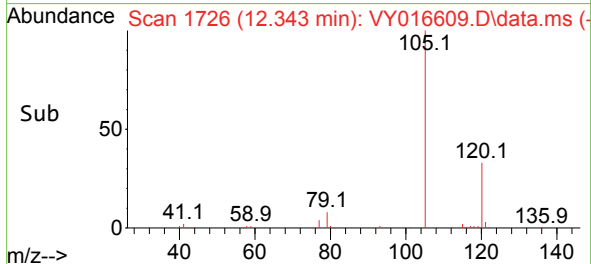
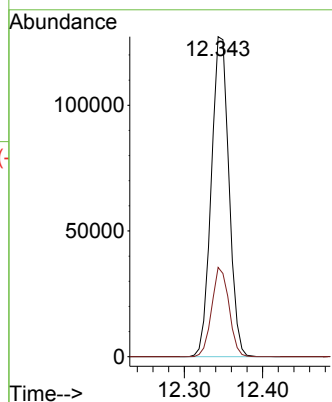
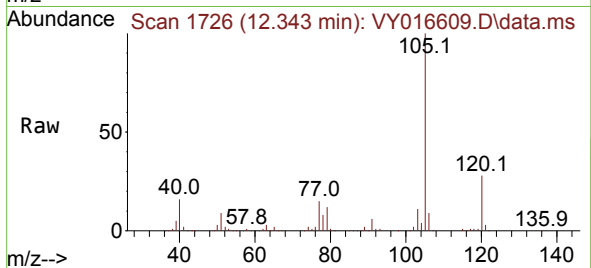
VY1206SBS01

Tgt Ion:105 Resp: 198977

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 15.175 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Tgt Ion: 43 Resp: 27198

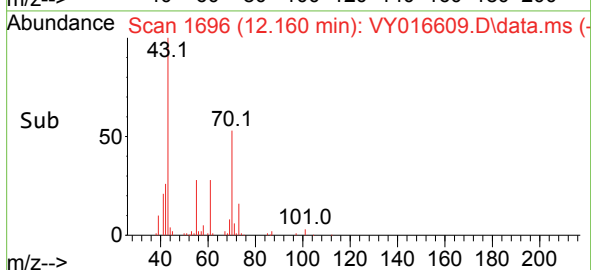
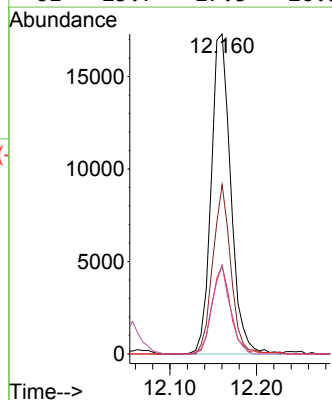
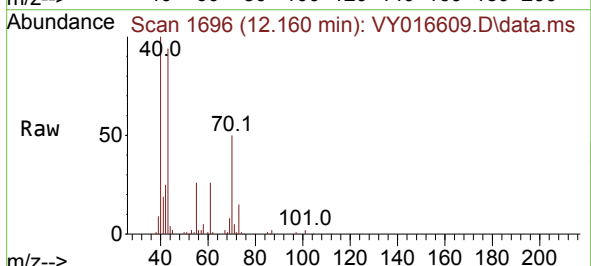
Ion Ratio Lower Upper

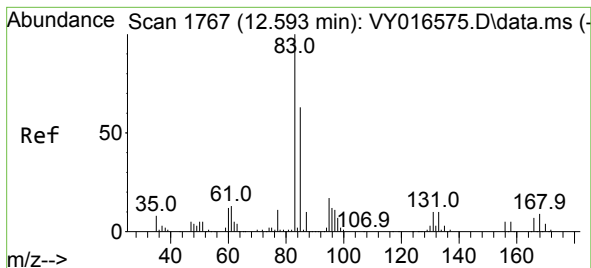
43 100

70 48.7 29.7 44.5#

55 26.5 18.3 27.5

61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 16.770 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

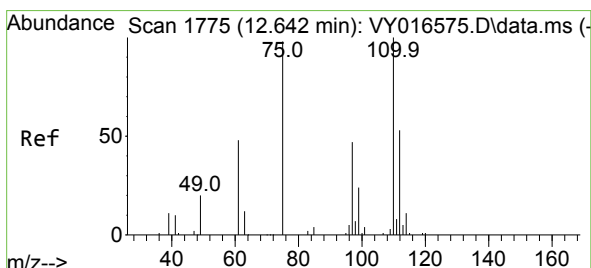
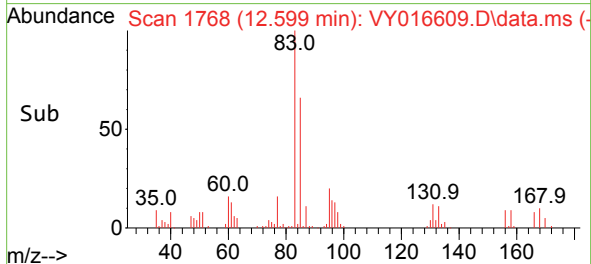
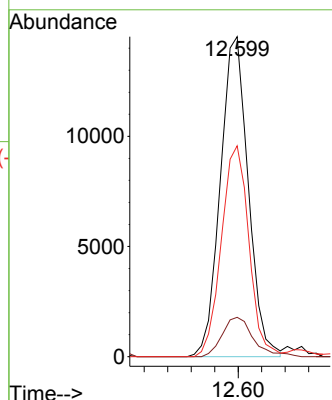
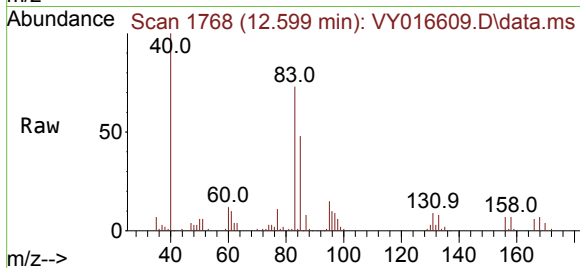
Tgt Ion: 83 Resp: 23975

Ion Ratio Lower Upper

83 100

131 13.7 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 31.575 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016609.D

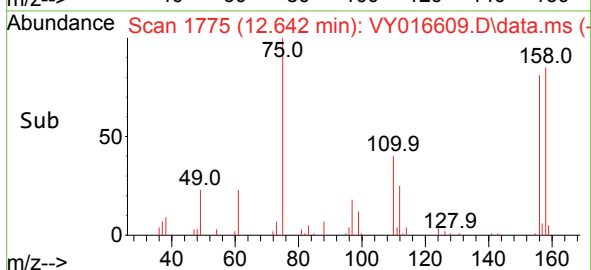
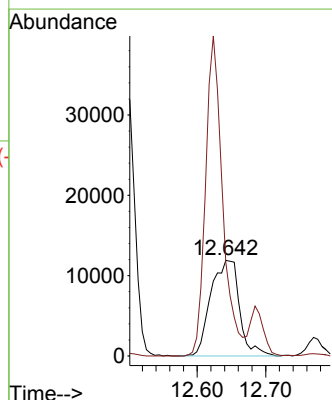
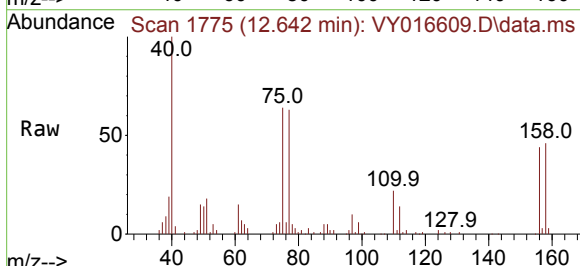
Acq: 06 Dec 2023 12:15

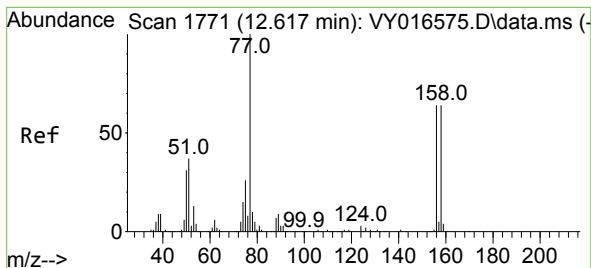
Tgt Ion: 75 Resp: 34623

Ion Ratio Lower Upper

75 100

77 199.6 0.0 0.0#





#77

Bromobenzene

Concen: 21.881 ug/l

RT: 12.624 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

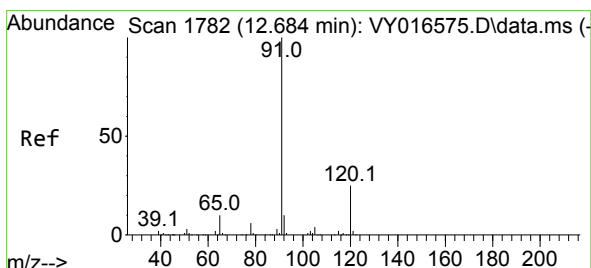
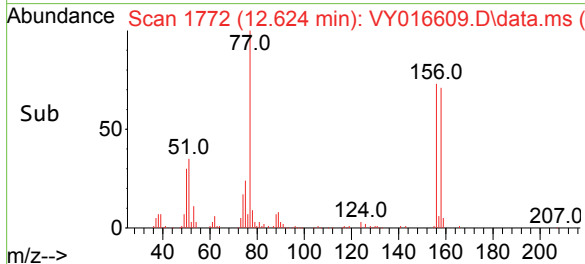
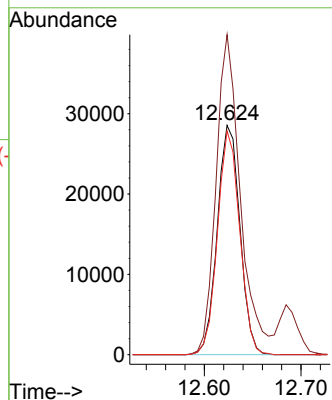
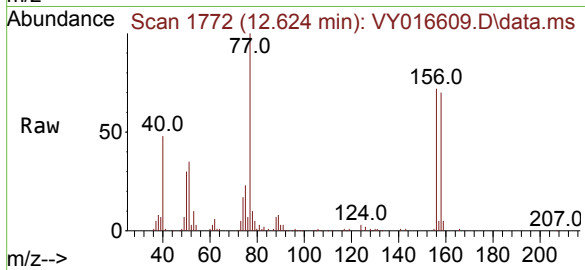
Tgt Ion:156 Resp: 46351

Ion Ratio Lower Upper

156 100

77 149.1 92.8 278.6

158 95.8 48.4 145.3



#78

n-propylbenzene

Concen: 21.298 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VY016609.D

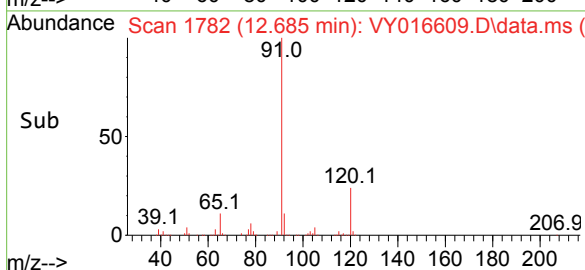
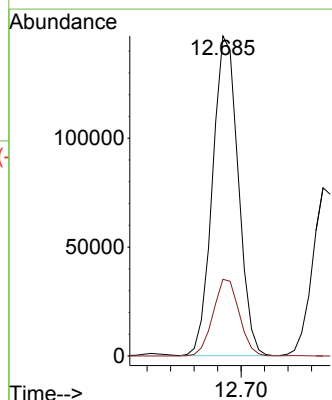
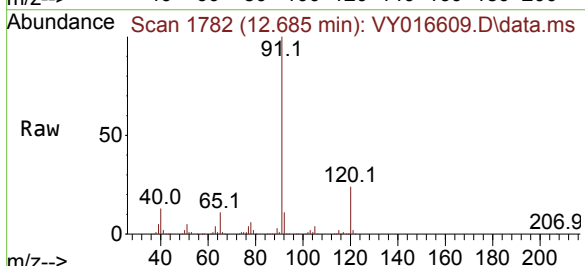
Acq: 06 Dec 2023 12:15

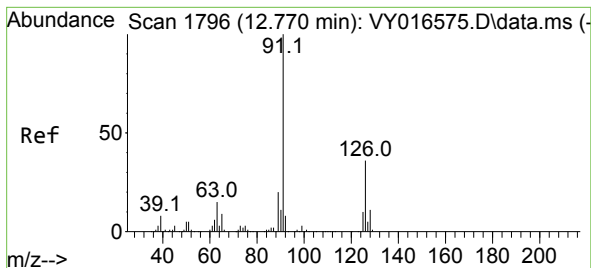
Tgt Ion: 91 Resp: 222812

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4

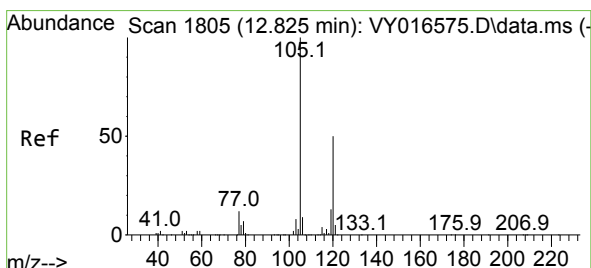
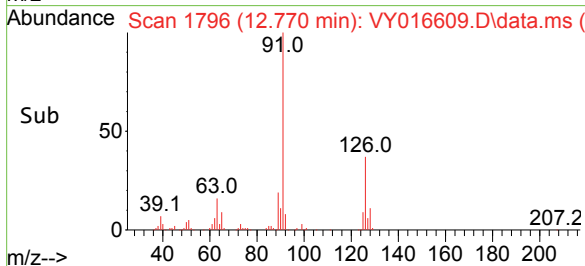
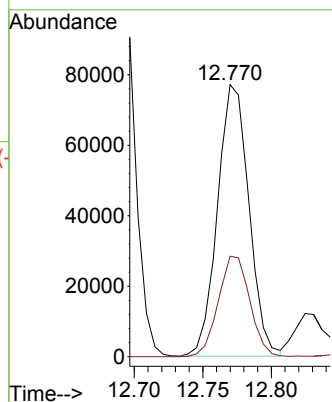
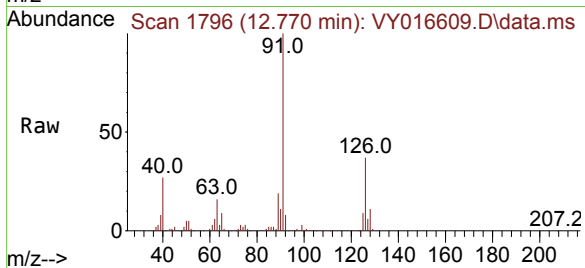




#79
2-Chlorotoluene
Concen: 20.886 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

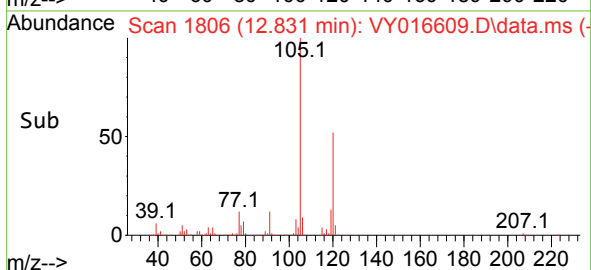
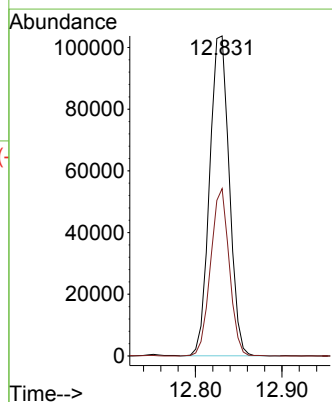
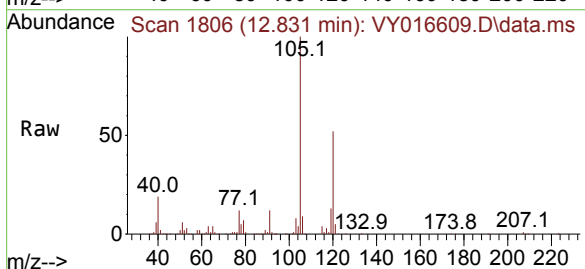
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

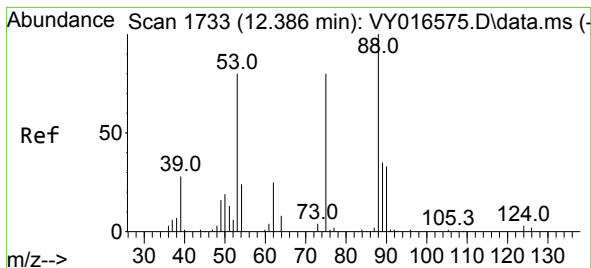
Tgt Ion: 91 Resp: 123128
Ion Ratio Lower Upper
91 100
126 37.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 22.314 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 105 Resp: 162971
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

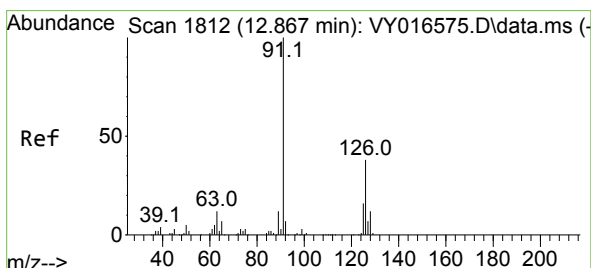
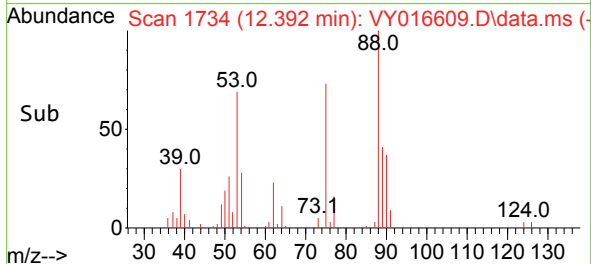
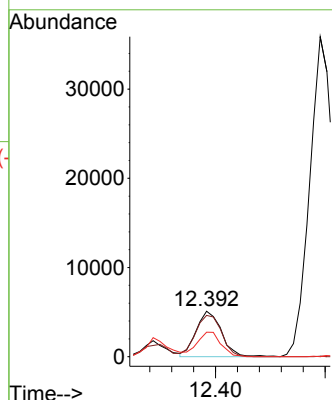
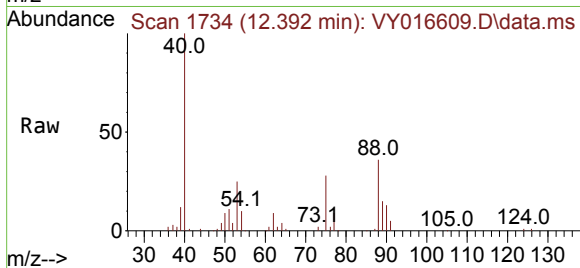




#81
trans-1,4-Dichloro-2-butene
Concen: 16.902 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

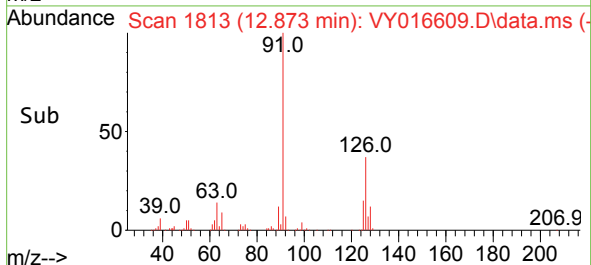
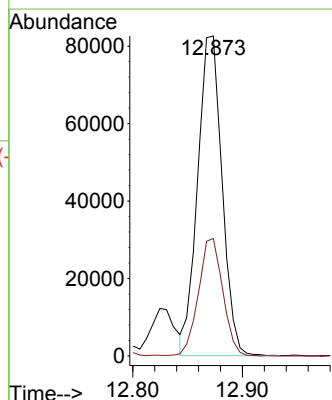
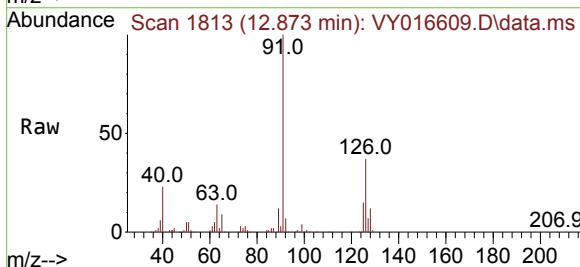
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

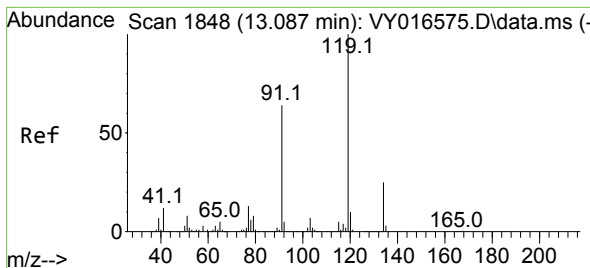
Tgt Ion: 75 Resp: 8216
Ion Ratio Lower Upper
75 100
53 93.3 77.8 116.8
89 51.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.949 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 91 Resp: 127792
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.702 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

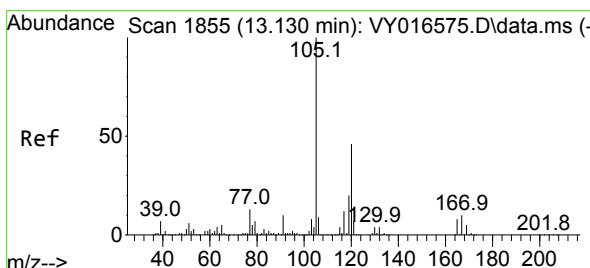
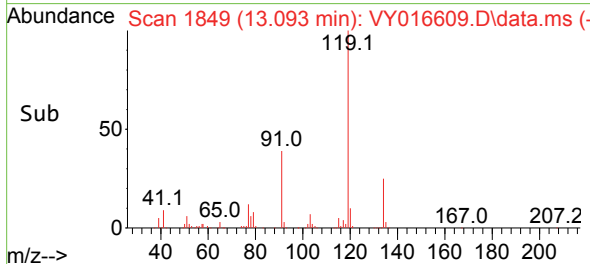
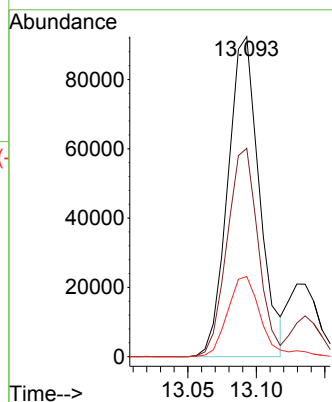
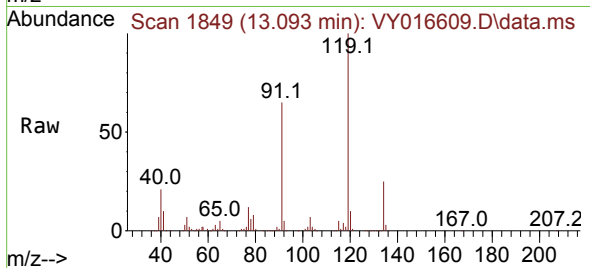
Tgt Ion:119 Resp: 148139

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.739 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016609.D

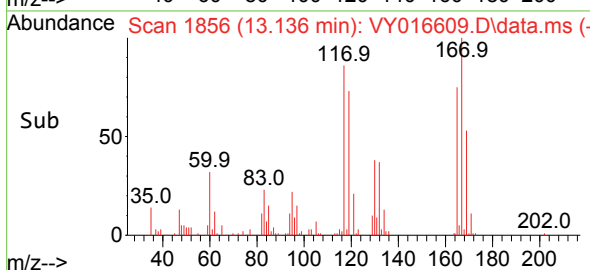
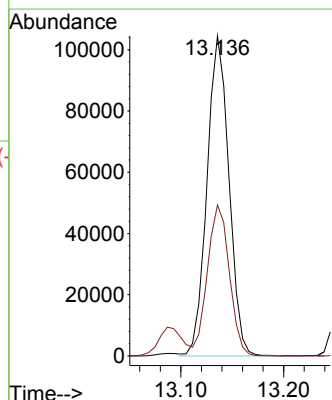
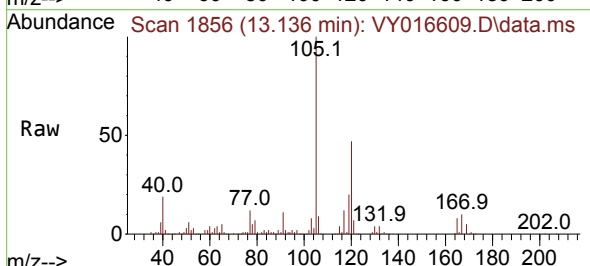
Acq: 06 Dec 2023 12:15

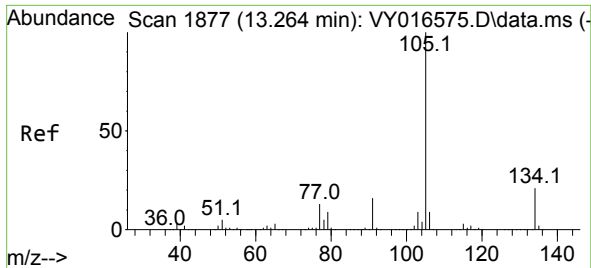
Tgt Ion:105 Resp: 155081

Ion Ratio Lower Upper

105 100

120 47.0 22.2 66.6

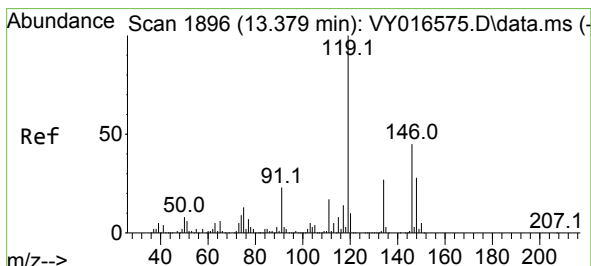
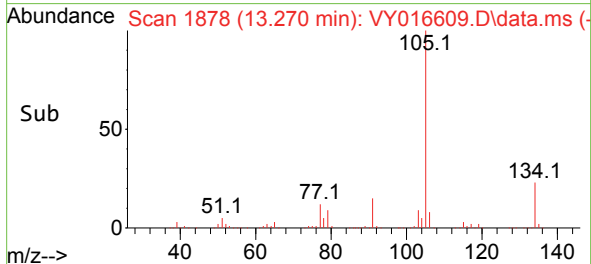
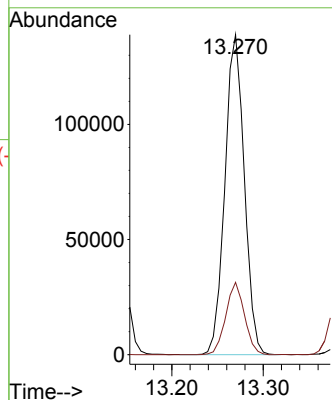
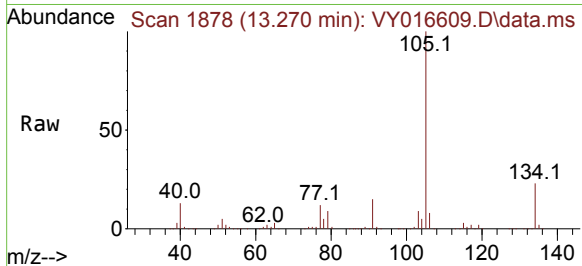




#85
 sec-Butylbenzene
 Concen: 22.395 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY016609.D
 Acq: 06 Dec 2023 12:15

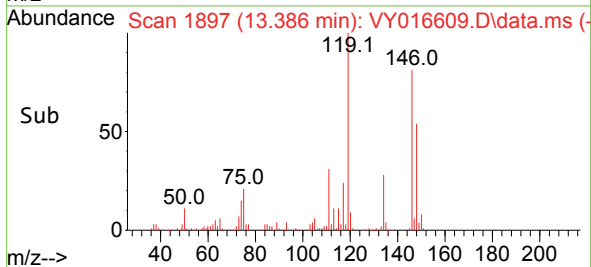
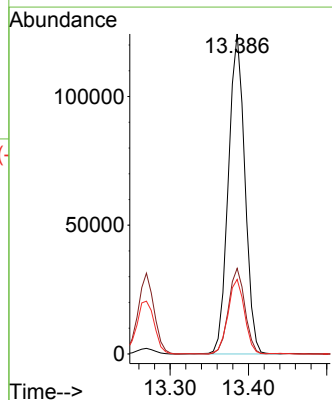
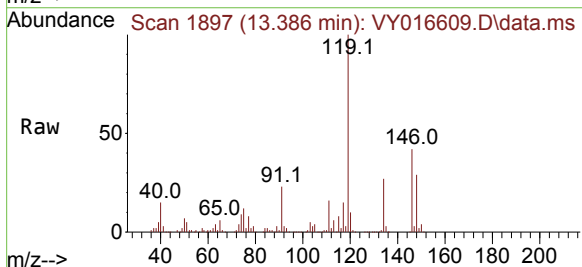
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1206SBS01

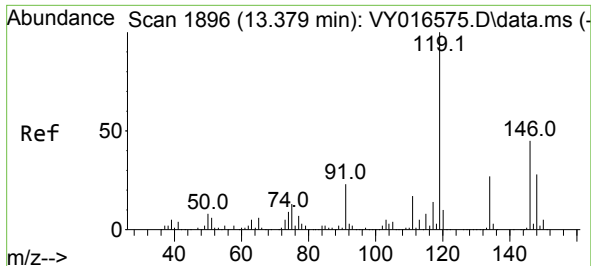
Tgt Ion:105 Resp: 205251
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.869 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016609.D
 Acq: 06 Dec 2023 12:15

Tgt Ion:119 Resp: 181938
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.647 ug/l

RT: 13.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

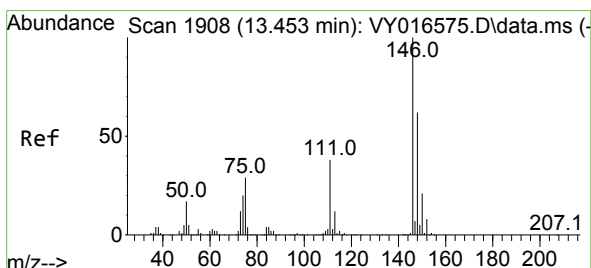
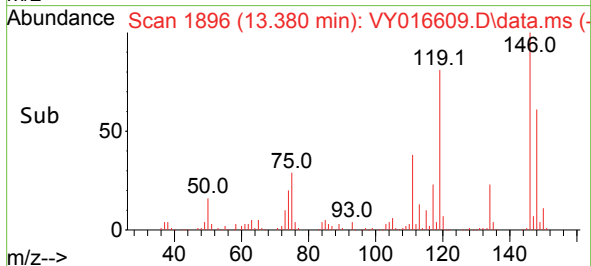
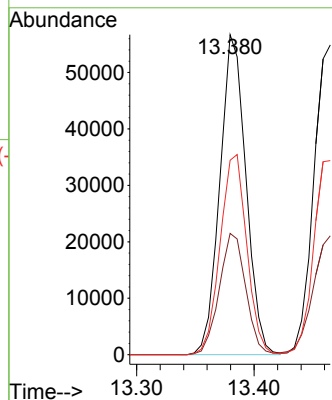
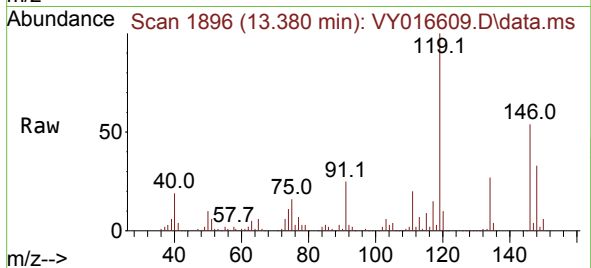
Tgt Ion:146 Resp: 87535

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.573 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

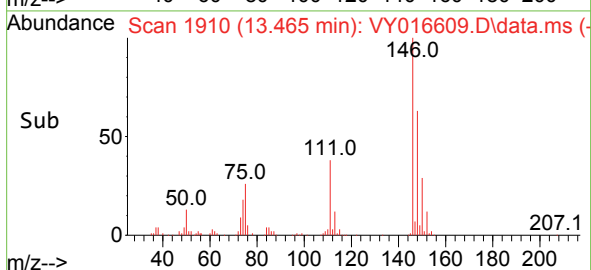
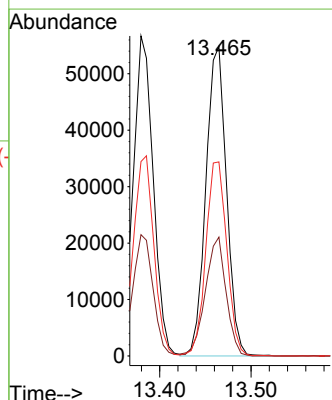
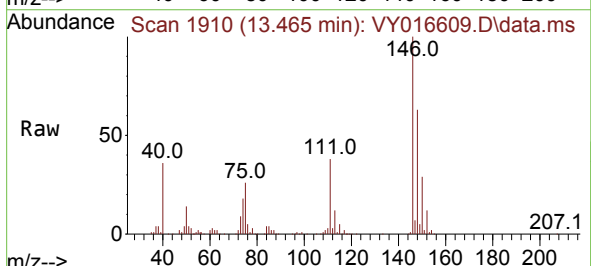
Tgt Ion:146 Resp: 85616

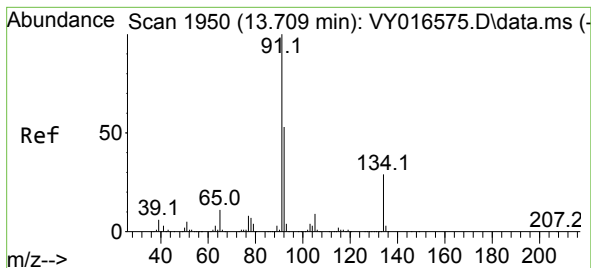
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 21.822 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

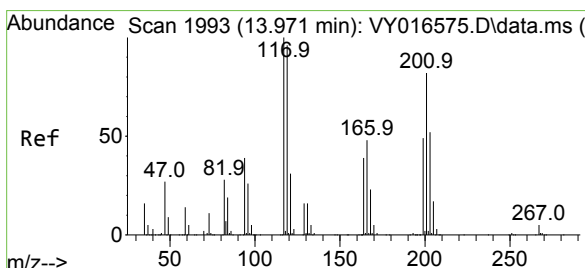
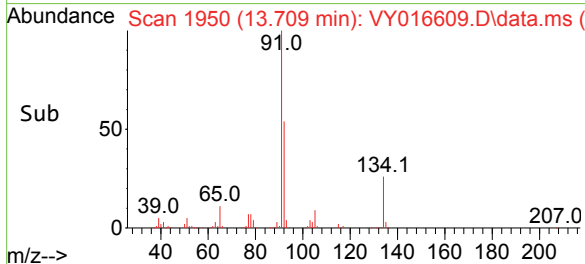
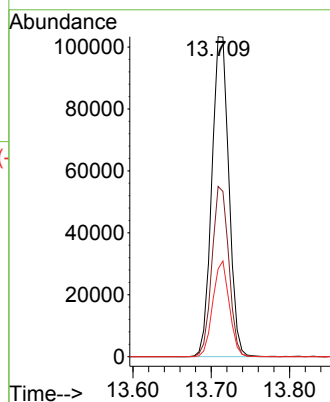
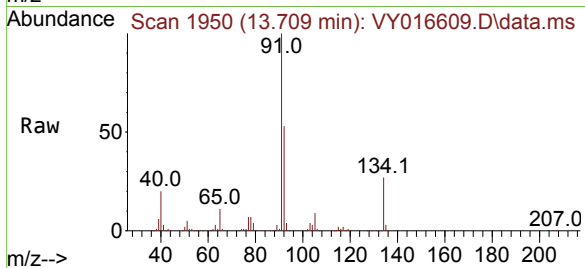
Tgt Ion: 91 Resp: 156132

Ion Ratio Lower Upper

91 100

92 52.4 25.4 76.0

134 28.9 12.6 37.6



#90

Hexachloroethane

Concen: 21.234 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016609.D

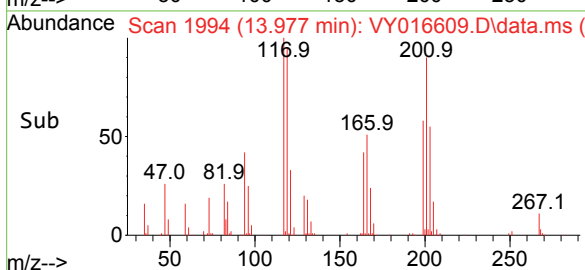
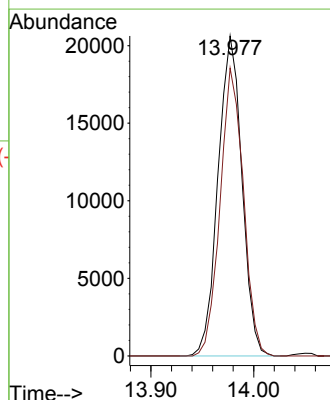
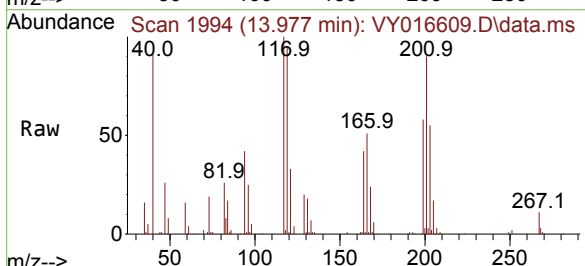
Acq: 06 Dec 2023 12:15

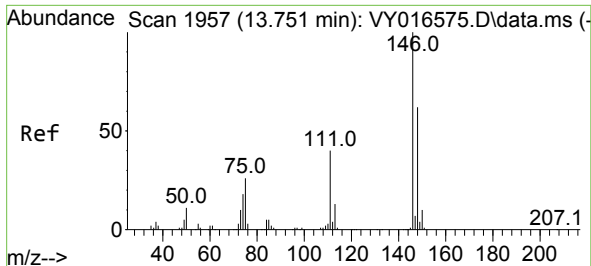
Tgt Ion: 117 Resp: 33240

Ion Ratio Lower Upper

117 100

201 87.6 41.6 124.8

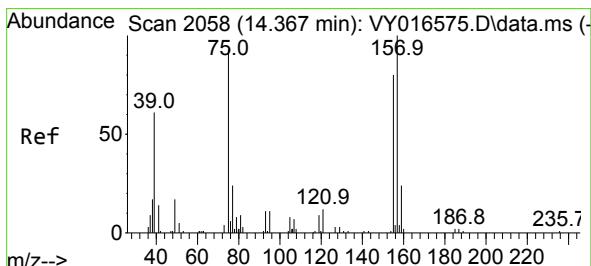
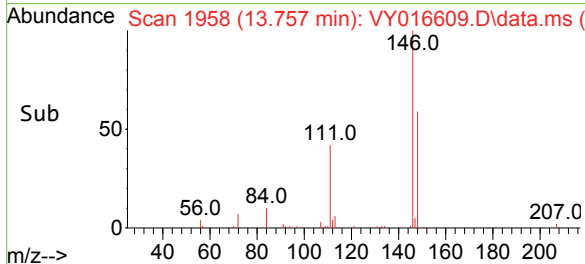
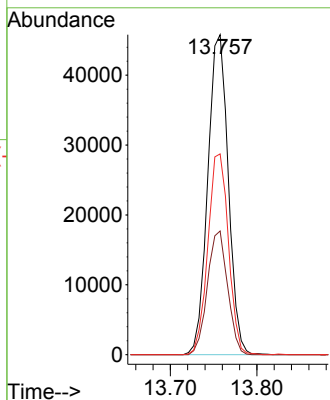
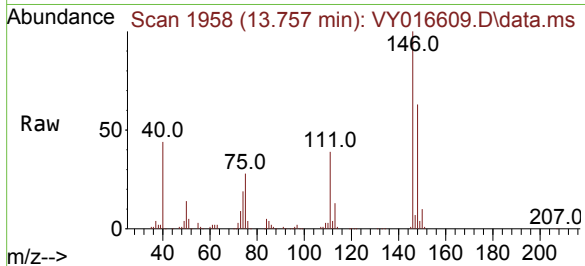




#91
1,2-Dichlorobenzene
Concen: 21.647 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

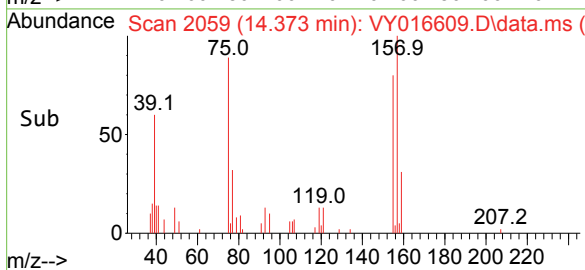
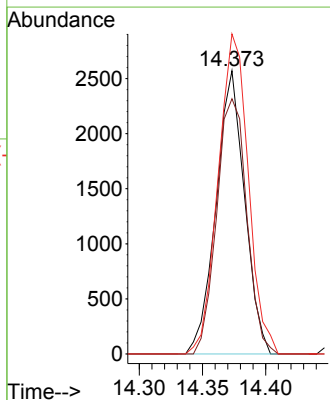
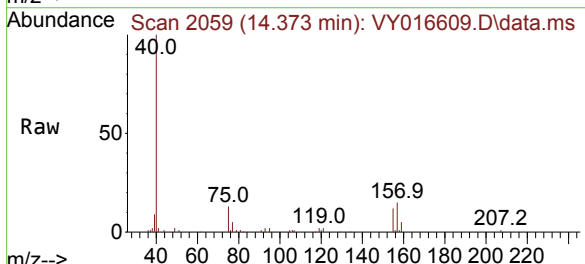
Instrument :
MSVOA_Y
ClientSampleId :
VY1206SBS01

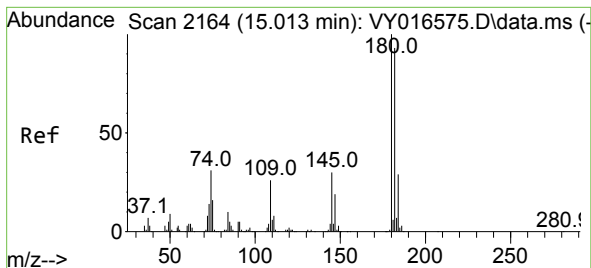
Tgt Ion:146 Resp: 75153
Ion Ratio Lower Upper
146 100
111 38.1 19.7 59.0
148 63.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.615 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016609.D
Acq: 06 Dec 2023 12:15

Tgt Ion: 75 Resp: 4030
Ion Ratio Lower Upper
75 100
155 94.8 41.5 124.6
157 119.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.922 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

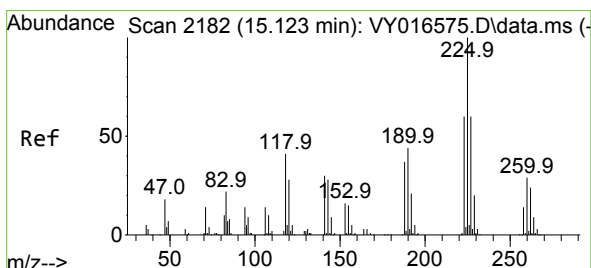
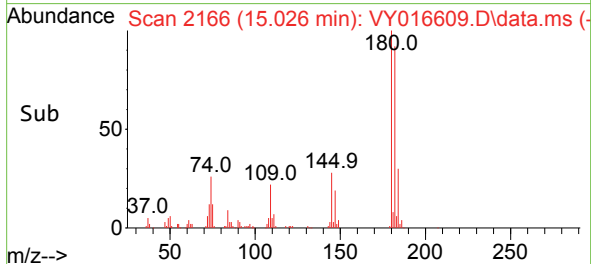
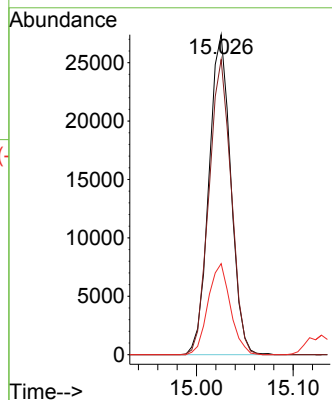
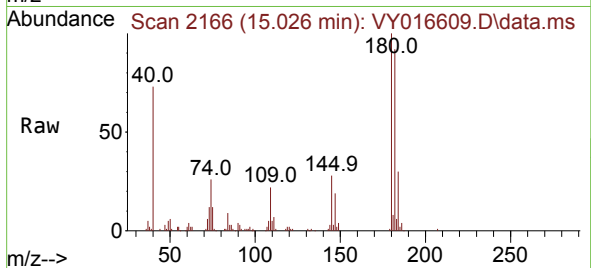
Tgt Ion:180 Resp: 42948

Ion Ratio Lower Upper

180 100

182 93.7 47.0 141.2

145 29.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 24.674 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

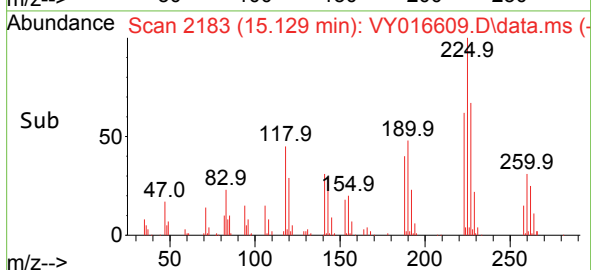
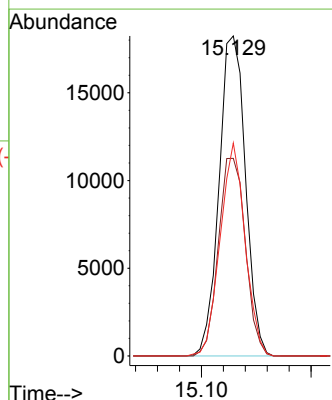
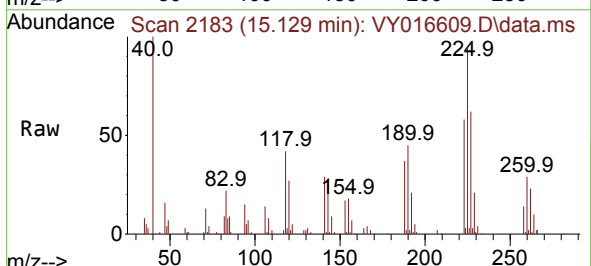
Tgt Ion:225 Resp: 30541

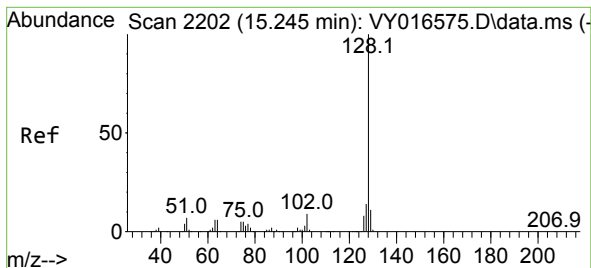
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 62.7 33.0 98.9





#95

Naphthalene

Concen: 21.338 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1206SBS01

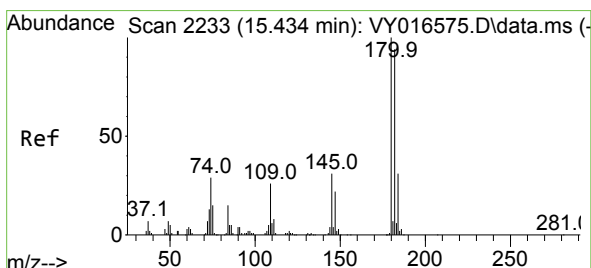
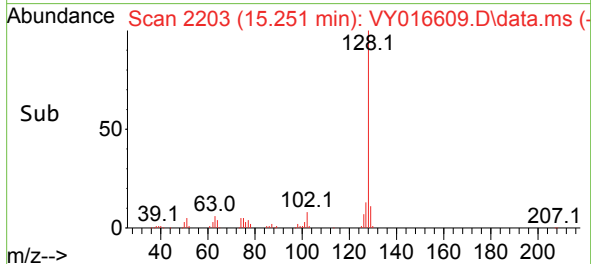
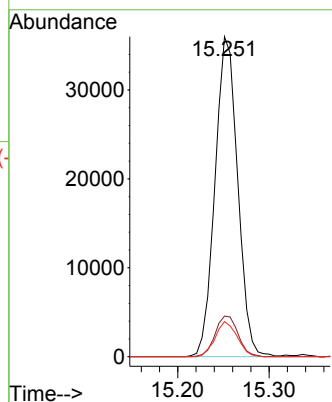
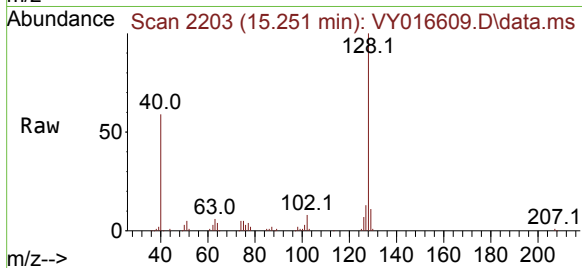
Tgt Ion:128 Resp: 62048

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 23.561 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016609.D

Acq: 06 Dec 2023 12:15

Tgt Ion:180 Resp: 33932

Ion Ratio Lower Upper

180 100

182 92.5 47.3 141.8

145 31.2 15.4 46.2

