

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016095.D
 Acq On : 27 Oct 2023 10:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:04:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	186056	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	297638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93994	50.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.620%	
35) Dibromofluoromethane	7.728	113	96632	51.428	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.185	98	357290	51.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.660%	
62) 4-Bromofluorobenzene	12.483	95	123291	51.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	66088	51.468	ug/l	99
3) Chloromethane	2.119	50	82446	52.398	ug/l	98
4) Vinyl Chloride	2.253	62	93353	51.934	ug/l	98
5) Bromomethane	2.656	94	67403	50.449	ug/l	97
6) Chloroethane	2.796	64	63599	51.655	ug/l	98
7) Trichlorofluoromethane	3.131	101	146897	51.067	ug/l	99
8) Diethyl Ether	3.540	74	48511	50.316	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	86646	49.931	ug/l	94
10) Methyl Iodide	4.101	142	112622	50.793	ug/l	97
11) Tert butyl alcohol	4.966	59	38574	183.633	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	80525	50.649	ug/l	90
13) Acrolein	3.735	56	49569	215.119	ug/l	99
14) Allyl chloride	4.491	41	124596	50.133	ug/l #	91
15) Acrylonitrile	5.174	53	120138	254.005	ug/l	99
16) Acetone	3.954	43	127447	254.154	ug/l	91
17) Carbon Disulfide	4.204	76	221693	50.410	ug/l	99
18) Methyl Acetate	4.485	43	91028	51.343	ug/l #	91
19) Methyl tert-butyl Ether	5.235	73	234195	51.654	ug/l	100
20) Methylene Chloride	4.729	84	98597	50.570	ug/l	89
21) trans-1,2-Dichloroethene	5.235	96	93506	50.738	ug/l	93
22) Diisopropyl ether	6.131	45	281463	51.792	ug/l	90
23) Vinyl Acetate	6.070	43	752215	258.342	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	167285	51.094	ug/l	97
25) 2-Butanone	6.996	43	170295	251.622	ug/l	94
26) 2,2-Dichloropropane	6.990	77	148868	48.911	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	110560	51.083	ug/l	92
28) Bromochloromethane	7.344	49	70980	52.992	ug/l	92
29) Tetrahydrofuran	7.356	42	99510	256.260	ug/l	91
30) Chloroform	7.515	83	178118	51.500	ug/l	99
31) Cyclohexane	7.795	56	138111	47.452	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	155903	50.254	ug/l	96
36) 1,1-Dichloropropene	7.929	75	130693	49.899	ug/l	99
37) Ethyl Acetate	7.082	43	68676	51.156	ug/l #	94
38) Carbon Tetrachloride	7.911	117	142272	51.367	ug/l	98
39) Methylcyclohexane	9.191	83	158096	49.548	ug/l	92
40) Benzene	8.167	78	382059	51.522	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	32699	46.541	ug/l	93
42) 1,2-Dichloroethane	8.246	62	109707	51.201	ug/l	93
43) Isopropyl Acetate	8.277	43	126192	50.274	ug/l #	91
44) Trichloroethene	8.947	130	103943	50.199	ug/l	100
45) 1,2-Dichloropropane	9.222	63	98854	52.672	ug/l	100
46) Dibromomethane	9.313	93	57710	52.442	ug/l	96
47) Bromodichloromethane	9.502	83	138732	52.128	ug/l	99
48) Methyl methacrylate	9.301	41	57455	49.684	ug/l #	86
49) 1,4-Dioxane	9.301	88	14007	1017.353	ug/l #	63
51) 4-Methyl-2-Pentanone	10.075	43	344095	259.796	ug/l	91
52) Toluene	10.252	92	245660	51.590	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	142060	52.199	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	162237	52.714	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	81482	52.114	ug/l	97
56) Ethyl methacrylate	10.514	69	107729	53.612	ug/l #	82
57) 1,3-Dichloropropane	10.795	76	137348	52.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	266701	266.610	ug/l	94
59) 2-Hexanone	10.837	43	258982	265.444	ug/l	88
60) Dibromochloromethane	10.990	129	99962	52.208	ug/l	99
61) 1,2-Dibromoethane	11.093	107	79214	52.909	ug/l	100
64) Tetrachloroethene	10.727	164	88056	49.265	ug/l	98
65) Chlorobenzene	11.520	112	268958	50.672	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	102805	51.864	ug/l	99
67) Ethyl Benzene	11.599	91	474596	50.340	ug/l	98
68) m/p-Xylenes	11.709	106	369998	101.412	ug/l	95
69) o-Xylene	12.032	106	178734	51.171	ug/l	95
70) Styrene	12.050	104	301397	51.766	ug/l	96
71) Bromoform	12.215	173	64529	53.443	ug/l #	99
73) Isopropylbenzene	12.337	105	473095	49.123	ug/l	100
74) N-amyl acetate	12.148	43	117439	50.009	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	99957	50.773	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	123515	88.405	ug/l #	100
77) Bromobenzene	12.611	156	112577	50.086	ug/l	98
78) n-propylbenzene	12.678	91	576008	49.396	ug/l	100
79) 2-Chlorotoluene	12.764	91	320730	49.110	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	395562	49.470	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	33133	51.535	ug/l	90
82) 4-Chlorotoluene	12.861	91	333554	49.248	ug/l	99
83) tert-Butylbenzene	13.081	119	357204	50.258	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	394628	49.971	ug/l	98
85) sec-Butylbenzene	13.258	105	527783	49.857	ug/l	100
86) p-Isopropyltoluene	13.373	119	436721	49.441	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	225790	49.749	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	221346	49.347	ug/l	99
89) n-Butylbenzene	13.703	91	413868	50.227	ug/l	97
90) Hexachloroethane	13.965	117	86109	50.071	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	202897	50.492	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15200	49.179	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	125096	50.320	ug/l	99
94) Hexachlorobutadiene	15.117	225	70743	49.029	ug/l	98
95) Naphthalene	15.239	128	245247	50.583	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	107226	50.015	ug/l	99

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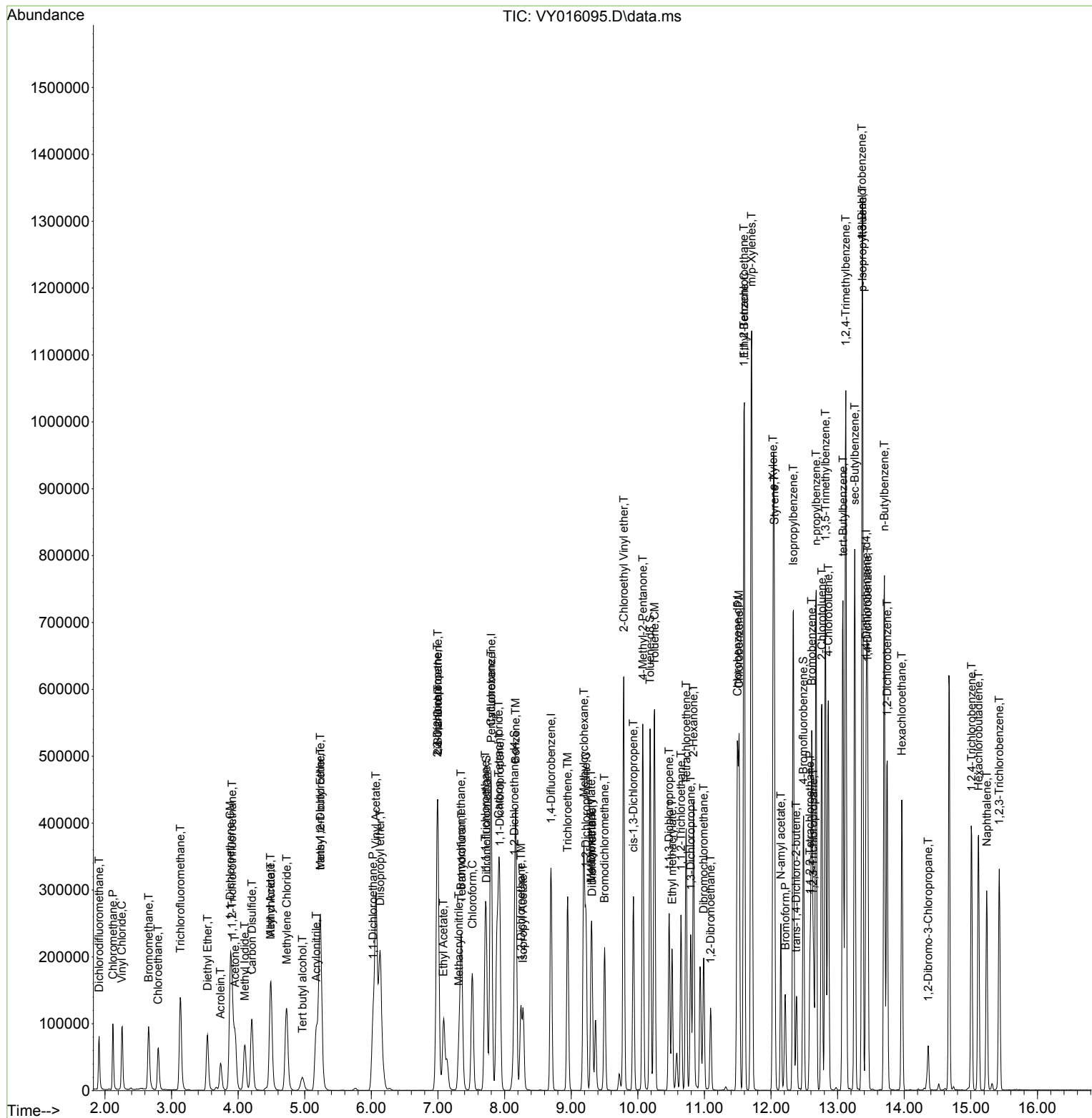
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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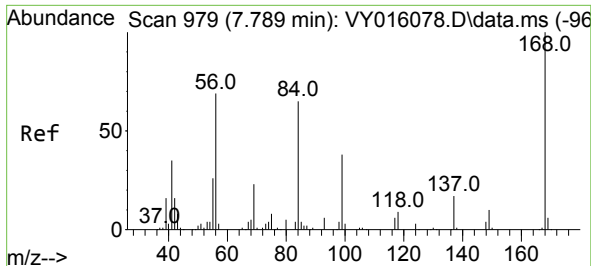
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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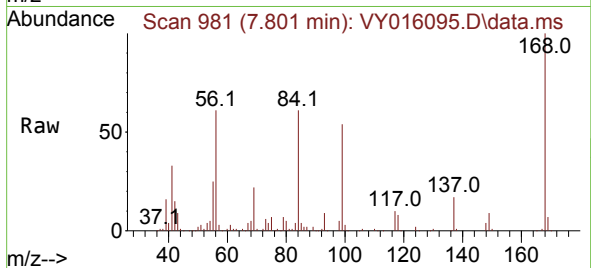
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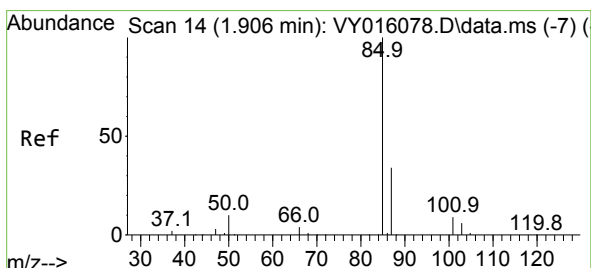
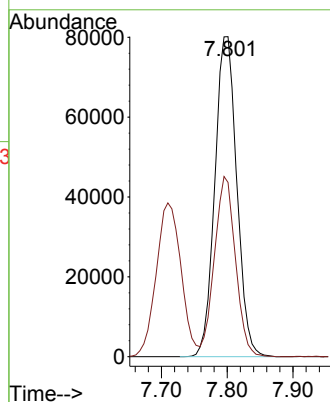
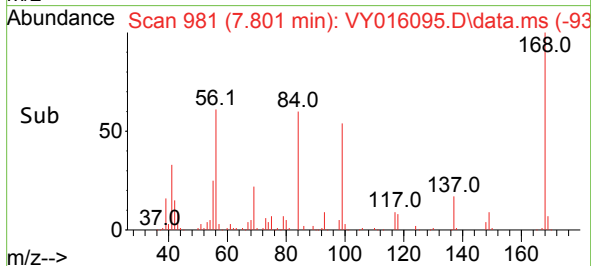


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
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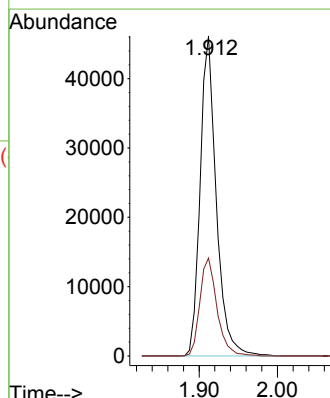
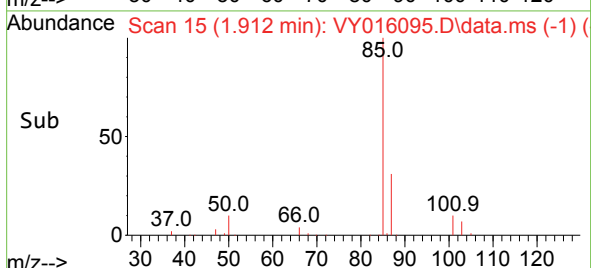
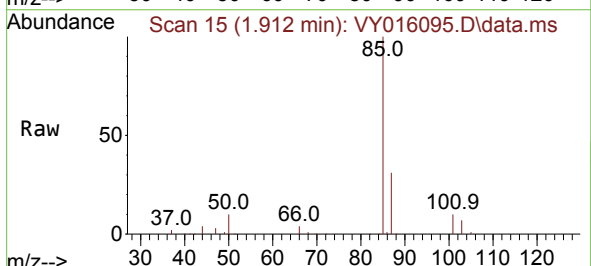


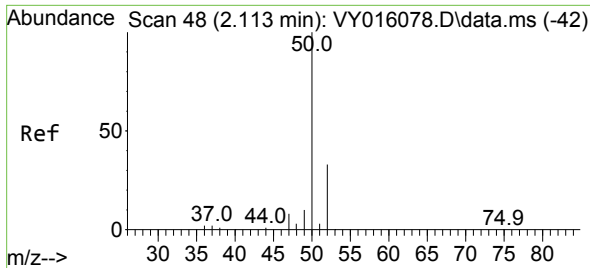
Tgt Ion:168 Resp: 186056
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 51.468 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 85 Resp: 66088
Ion Ratio Lower Upper
85 100
87 30.6 15.6 46.8

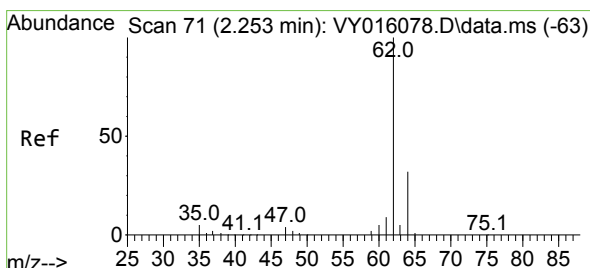
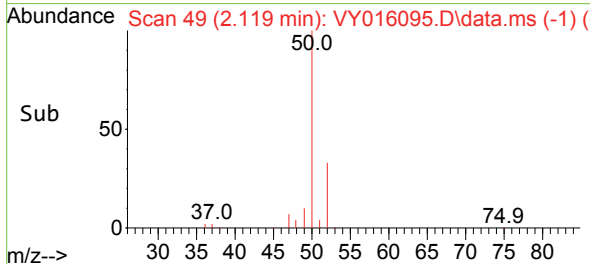
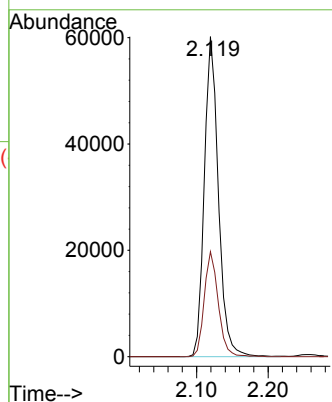
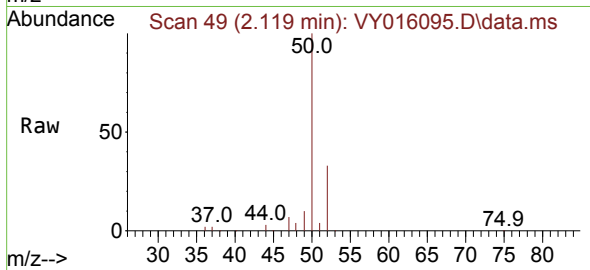




#3
Chloromethane
Concen: 52.398 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

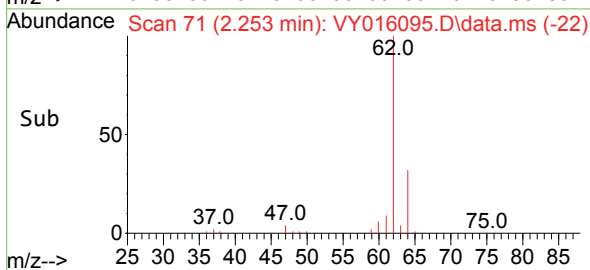
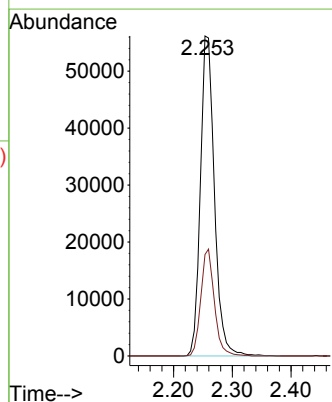
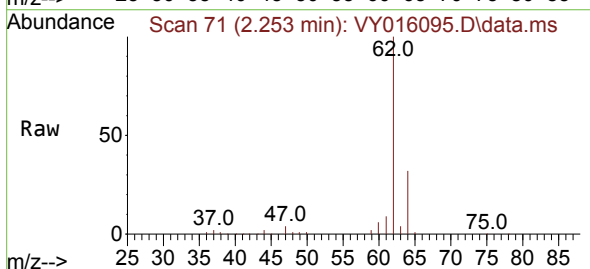
Instrument :
MSVOA_Y
ClientSampleId :

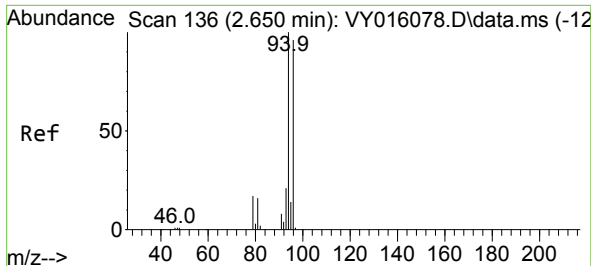
Tgt Ion: 50 Resp: 82446
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 51.934 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 62 Resp: 93353
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5

Bromomethane

Concen: 50.449 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

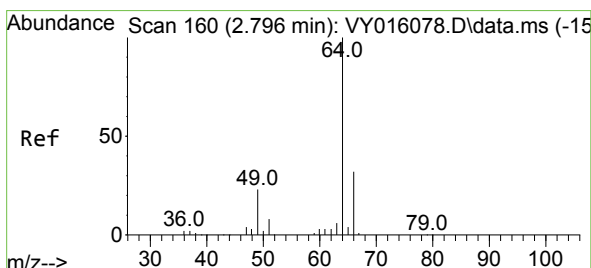
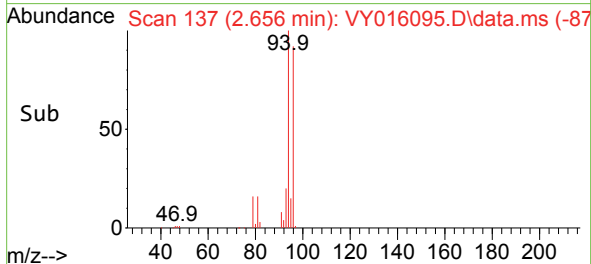
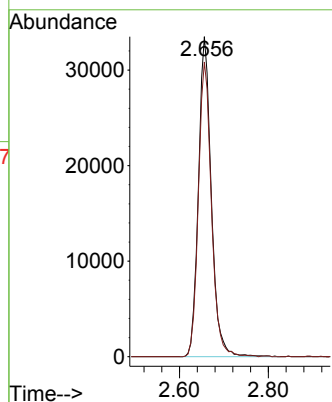
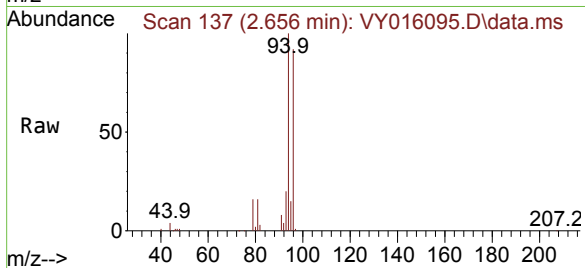
ClientSampleId :

Tgt Ion: 94 Resp: 67403

Ion Ratio Lower Upper

94 100

96 92.1 75.8 113.6



#6

Chloroethane

Concen: 51.655 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY016095.D

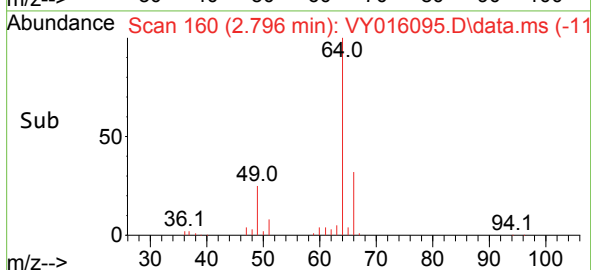
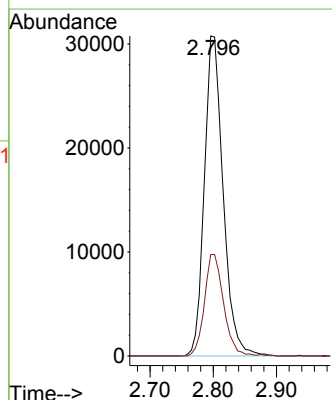
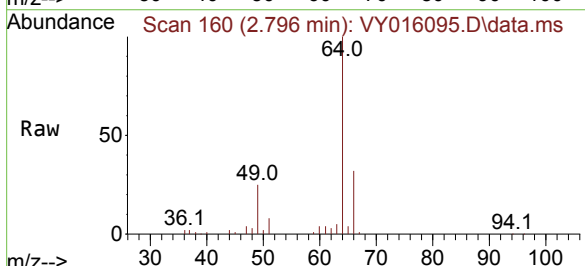
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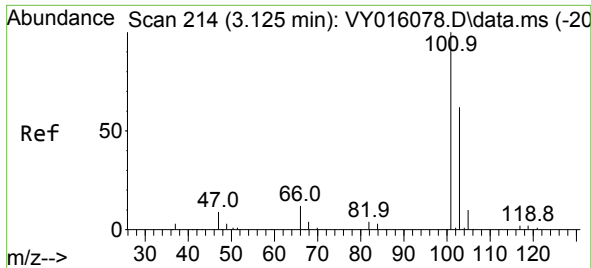
Tgt Ion: 64 Resp: 63599

Ion Ratio Lower Upper

64 100

66 31.7 24.4 36.6

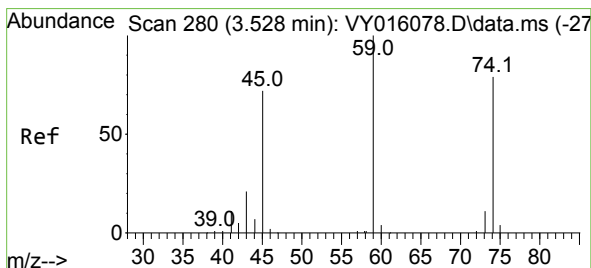
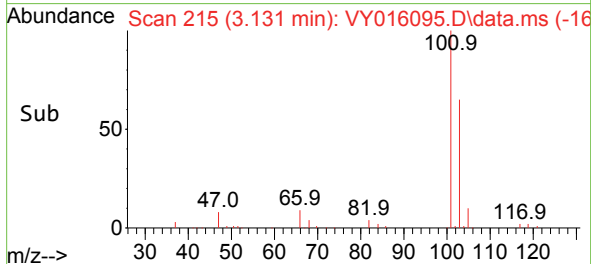
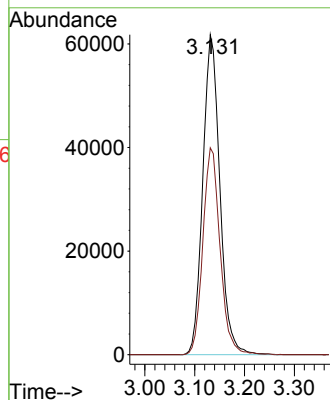
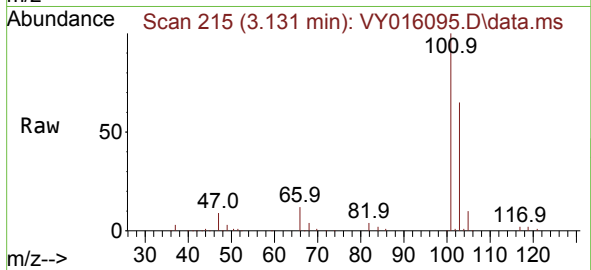




#7
Trichlorofluoromethane
Concen: 51.067 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

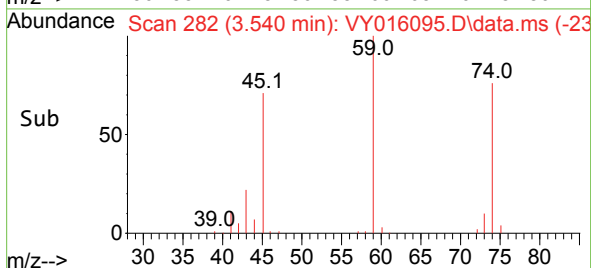
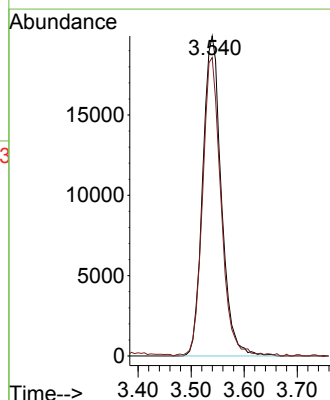
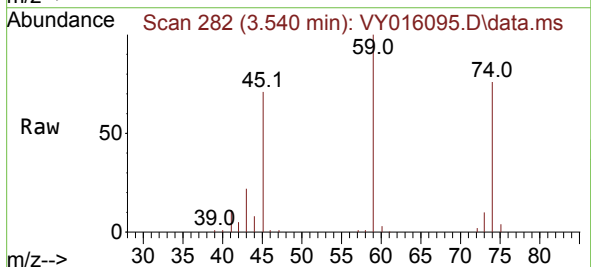
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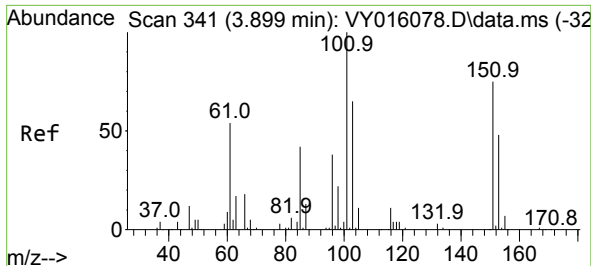
Tgt Ion:101 Resp: 146897
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0



#8
Diethyl Ether
Concen: 50.316 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 74 Resp: 48511
Ion Ratio Lower Upper
74 100
45 92.7 51.5 154.5

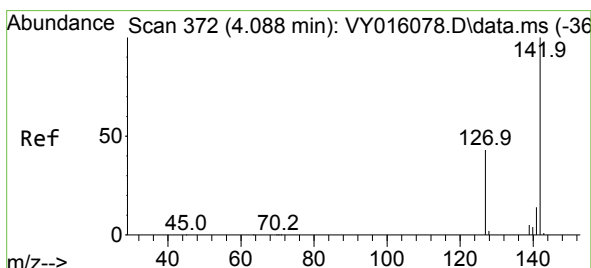
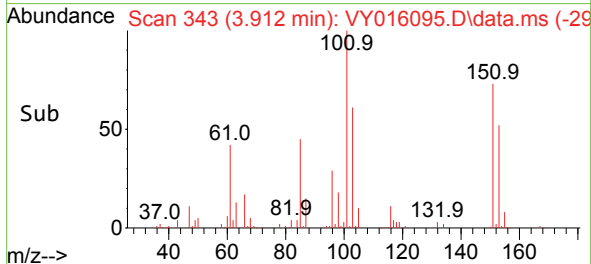
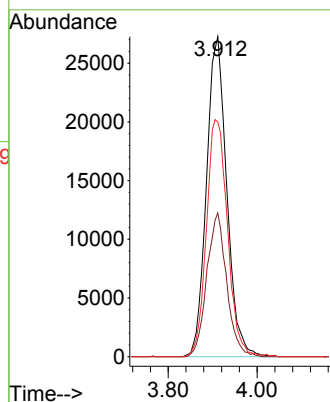
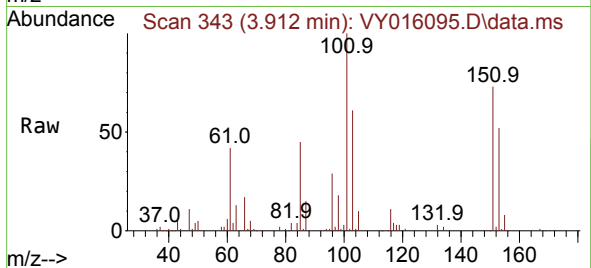




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.931 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

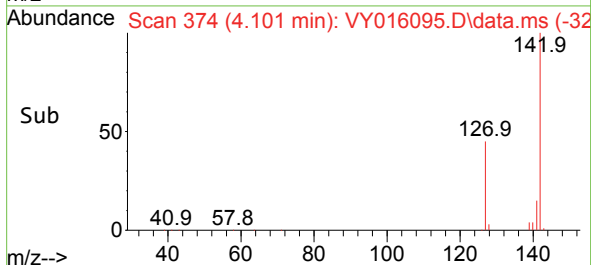
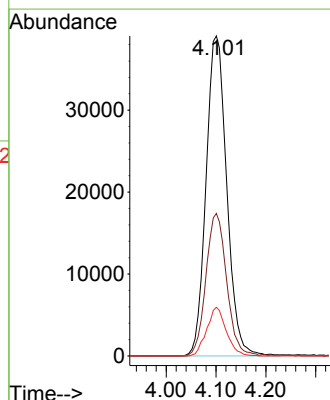
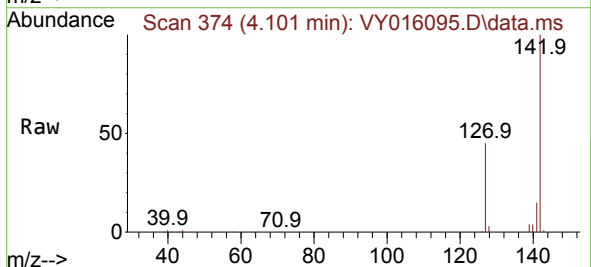
Instrument :
MSVOA_Y
ClientSampleId :

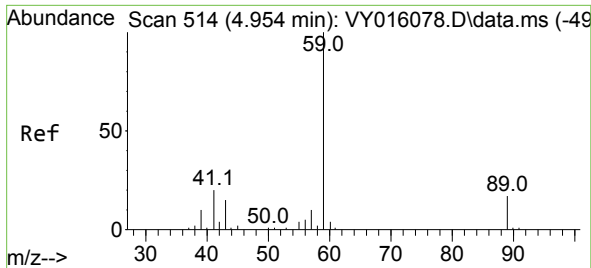
Tgt Ion:101 Resp: 86646
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 76.8 67.0 100.6



#10
Methyl Iodide
Concen: 50.793 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion:142 Resp: 112622
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.4 11.8 17.8

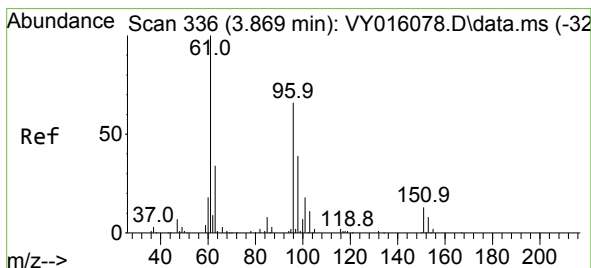
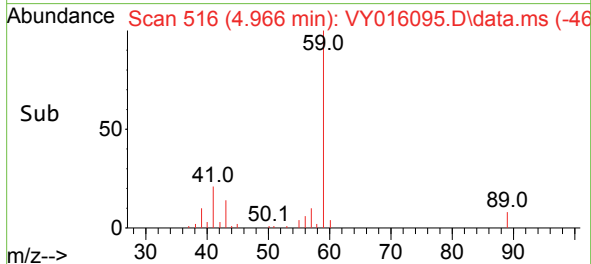
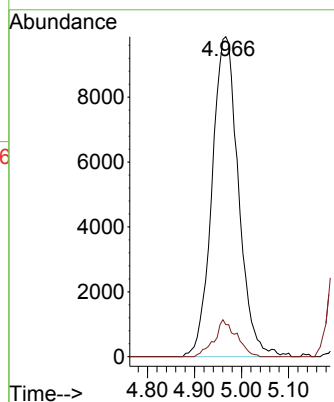
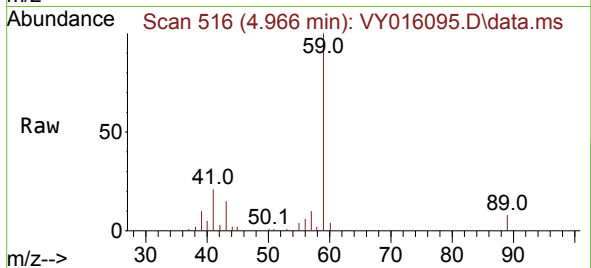




#11
Tert butyl alcohol
Concen: 183.633 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

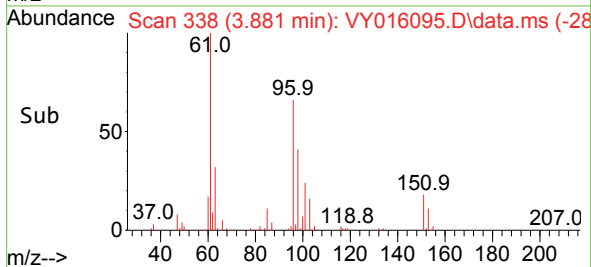
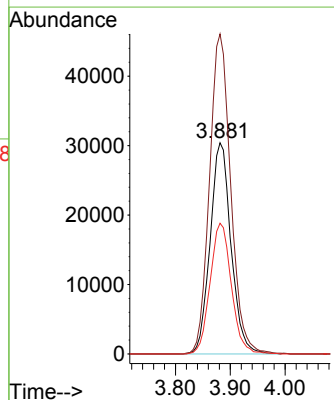
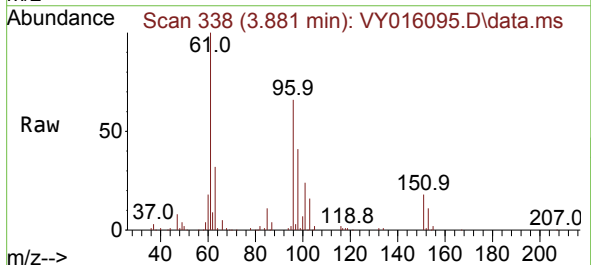
Instrument :
MSVOA_Y
ClientSampleId :

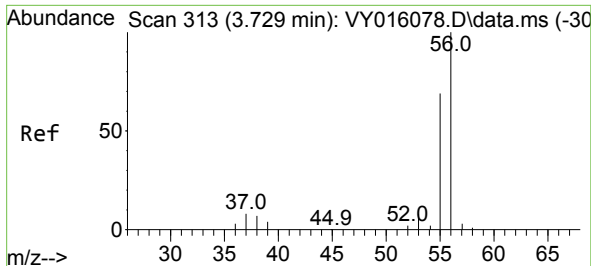
Tgt Ion: 59 Resp: 38574
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.649 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

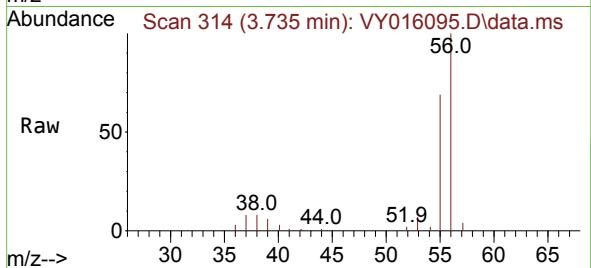
Tgt Ion: 96 Resp: 80525
Ion Ratio Lower Upper
96 100
61 151.5 136.4 204.6
98 61.9 49.4 74.2



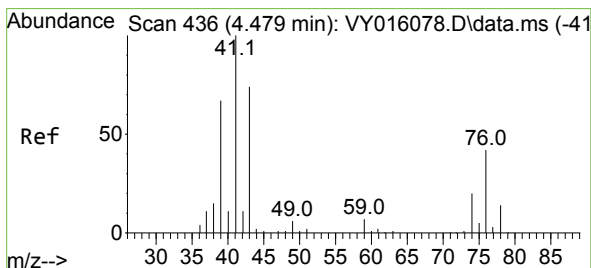
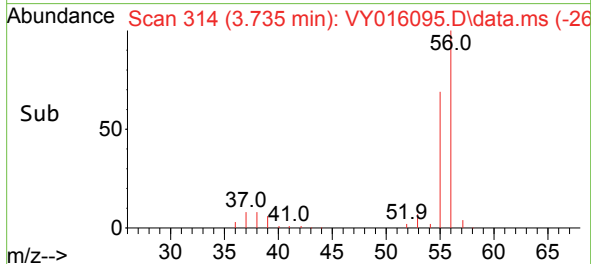
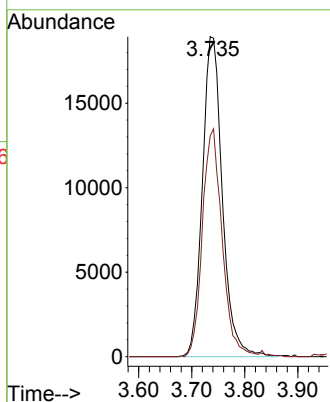


#13
Acrolein
Concen: 215.119 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Instrument :
MSVOA_Y
ClientSampleId :

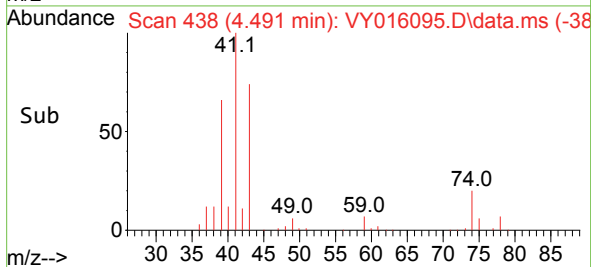
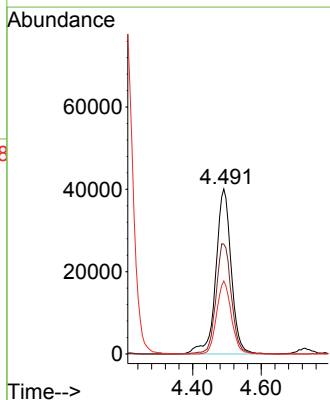
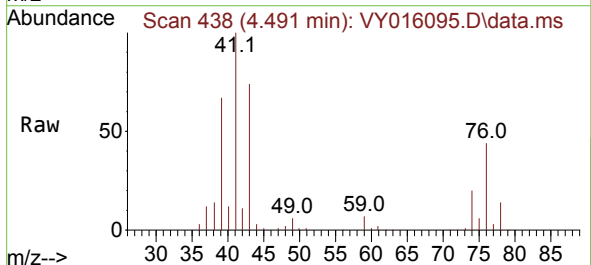


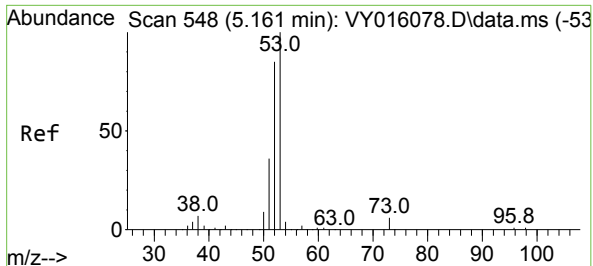
Tgt Ion: 56 Resp: 49569
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 50.133 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 41 Resp: 124596
Ion Ratio Lower Upper
41 100
39 66.7 58.0 87.0
76 42.0 27.4 41.2#

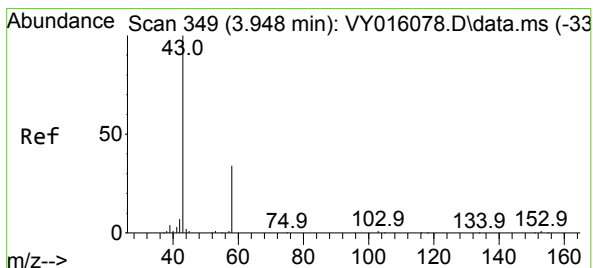
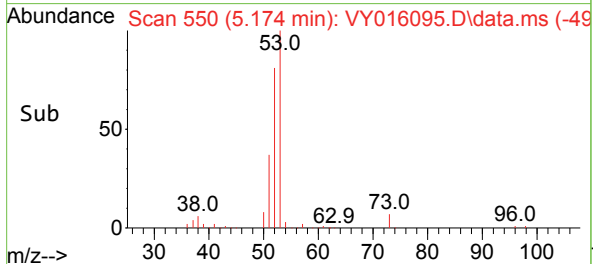
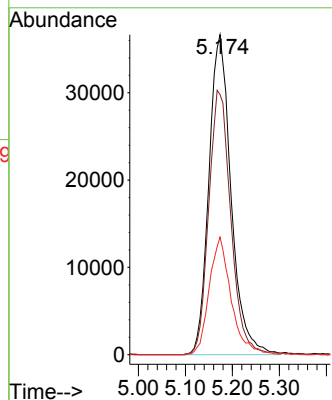
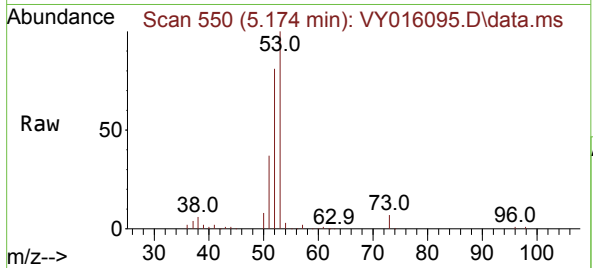




#15
Acrylonitrile
Concen: 254.005 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

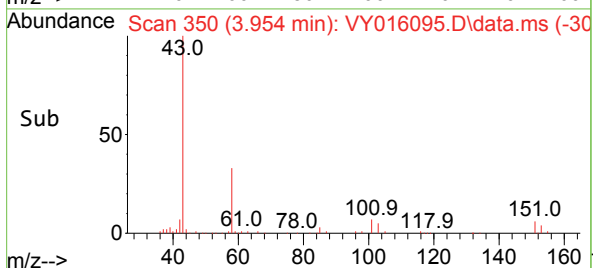
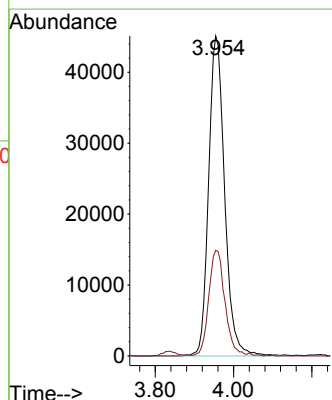
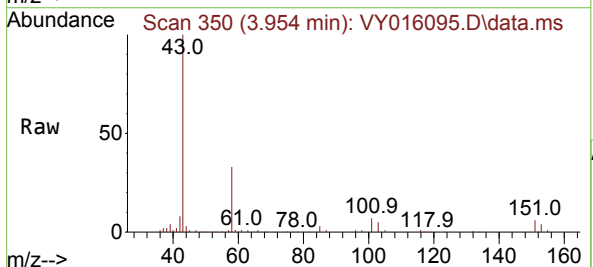
Instrument :
MSVOA_Y
ClientSampleId :

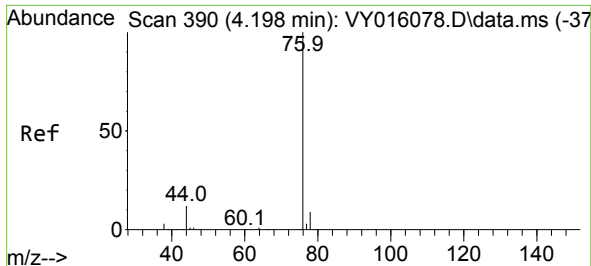
Tgt Ion: 53 Resp: 120138
Ion Ratio Lower Upper
53 100
52 82.4 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 254.154 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 43 Resp: 127447
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1





#17

Carbon Disulfide

Concen: 50.410 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

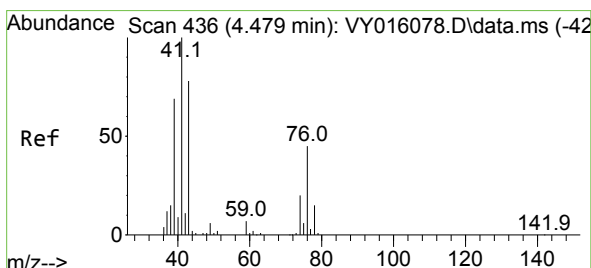
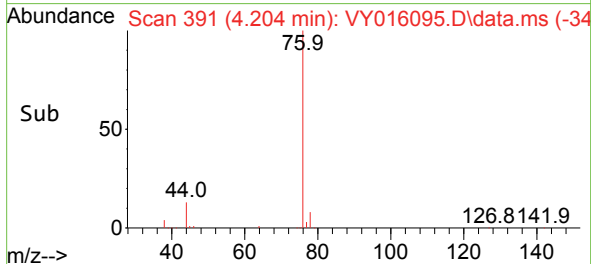
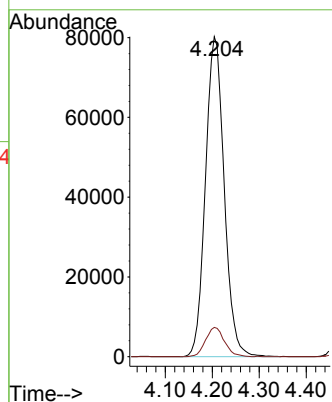
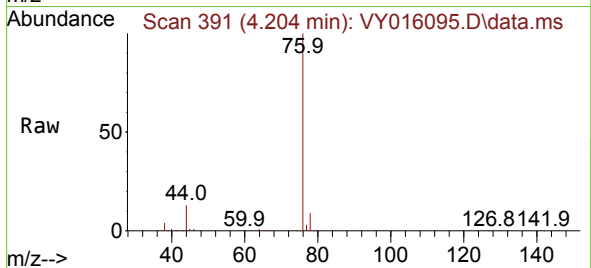
ClientSampleId :

Tgt Ion: 76 Resp: 221693

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 51.343 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY016095.D

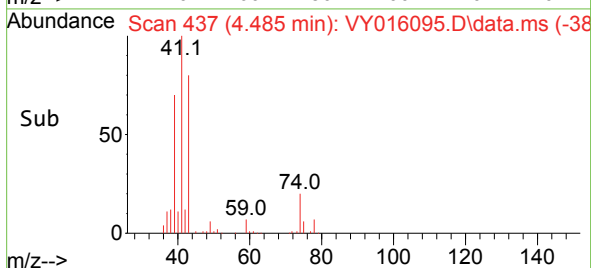
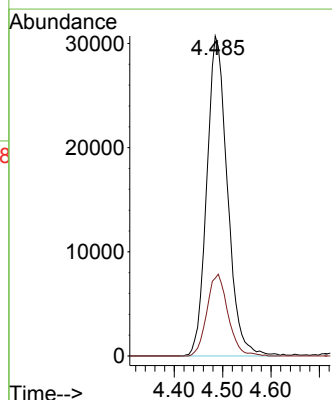
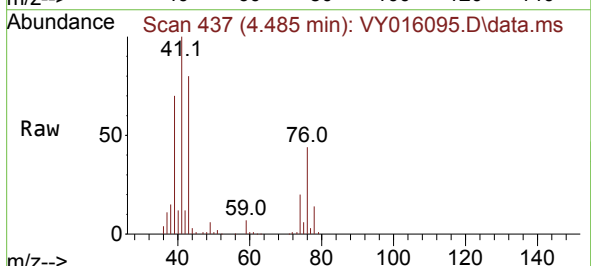
Acq: 27 Oct 2023 10:01

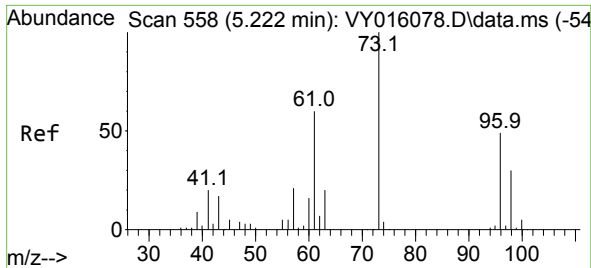
Tgt Ion: 43 Resp: 91028

Ion Ratio Lower Upper

43 100

74 26.1 17.4 26.0#

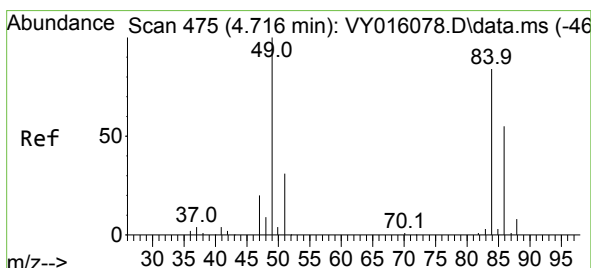
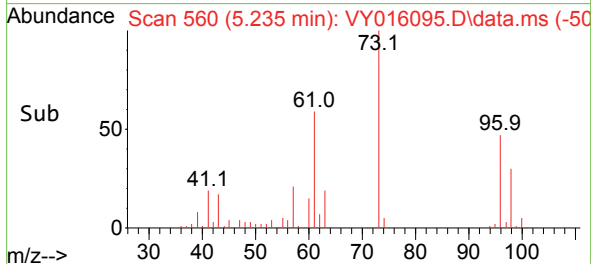
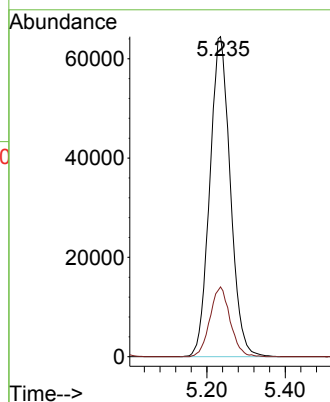
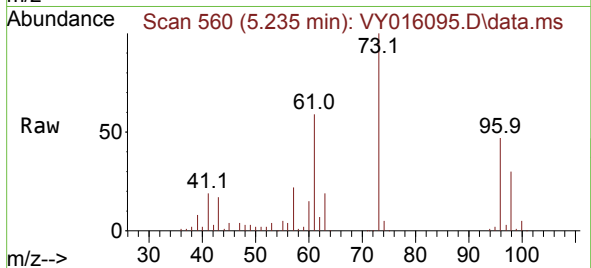




#19
Methyl tert-butyl Ether
Concen: 51.654 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

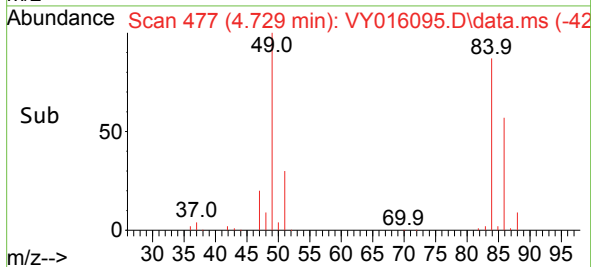
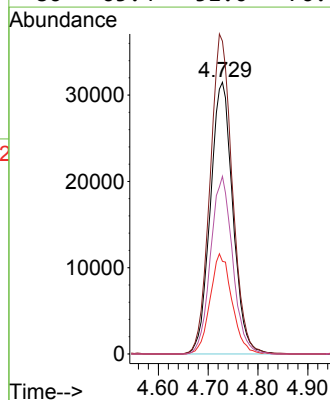
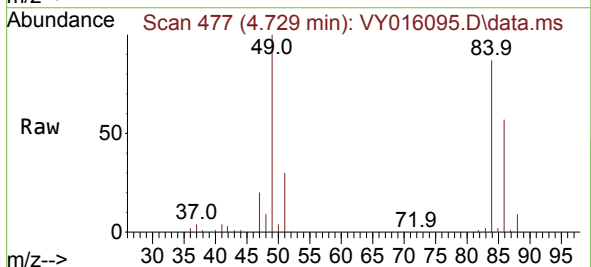
Instrument :
MSVOA_Y
ClientSampleId :

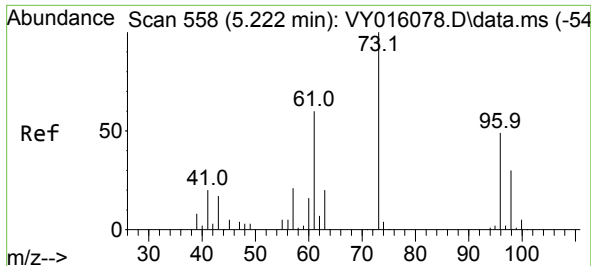
Tgt Ion: 73 Resp: 234195
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 50.570 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 84 Resp: 98597
Ion Ratio Lower Upper
84 100
49 115.1 106.9 160.3
51 34.1 33.2 49.8
86 65.4 51.0 76.6

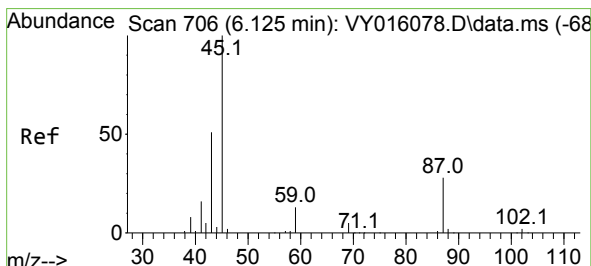
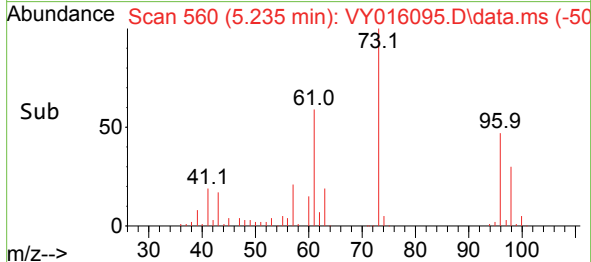
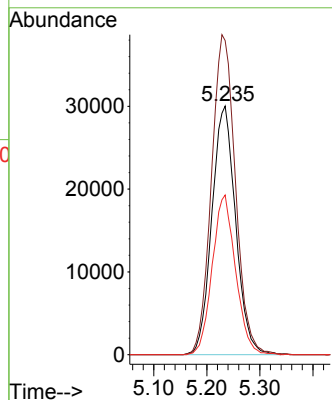
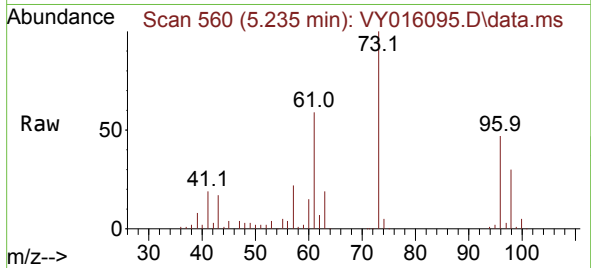




#21
trans-1,2-Dichloroethene
Concen: 50.738 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

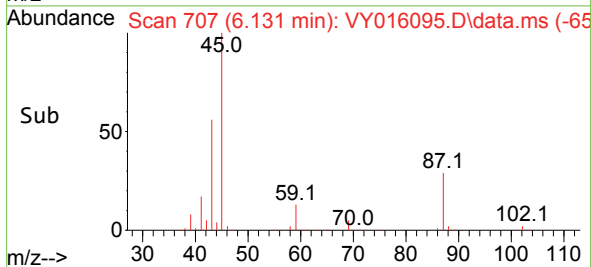
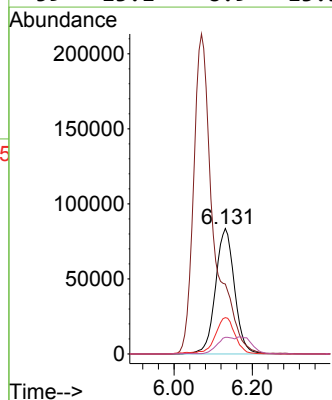
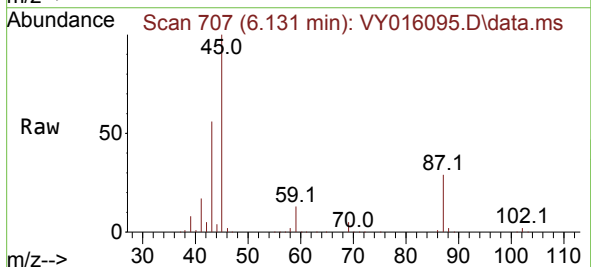
Instrument :
MSVOA_Y
ClientSampleId :

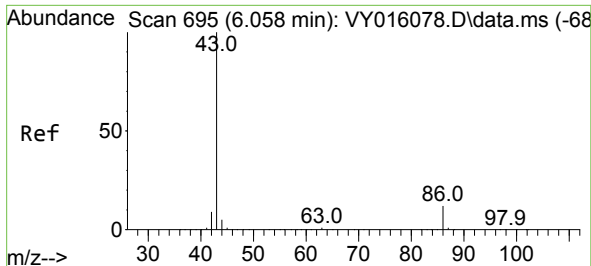
Tgt Ion: 96 Resp: 93506
Ion Ratio Lower Upper
96 100
61 126.3 110.2 165.4
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 51.792 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 45 Resp: 281463
Ion Ratio Lower Upper
45 100
43 55.1 52.2 78.4
87 28.9 21.0 31.6
59 13.1 8.9 13.3





#23

Vinyl Acetate

Concen: 258.342 ug/l

RT: 6.070 min Scan# 695

Delta R.T. 0.012 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

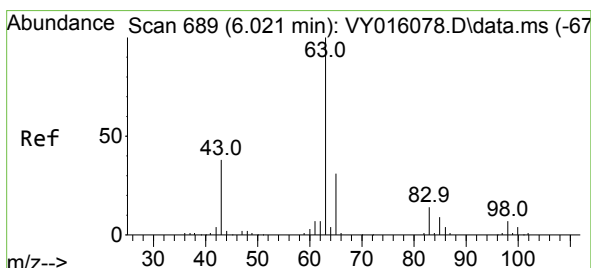
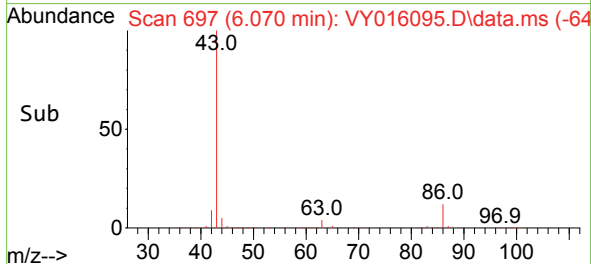
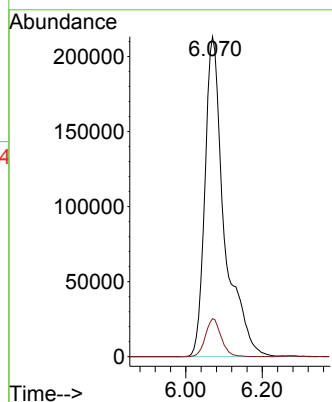
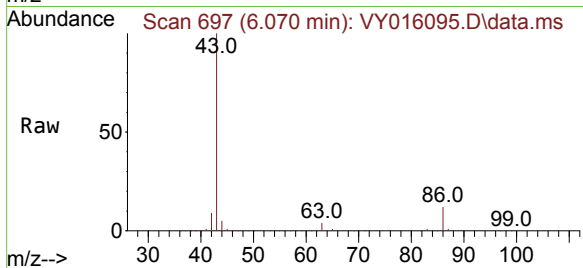
ClientSampleId :

Tgt Ion: 43 Resp: 752215

Ion Ratio Lower Upper

43 100

86 11.9 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 51.094 ug/l

RT: 6.027 min Scan# 690

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

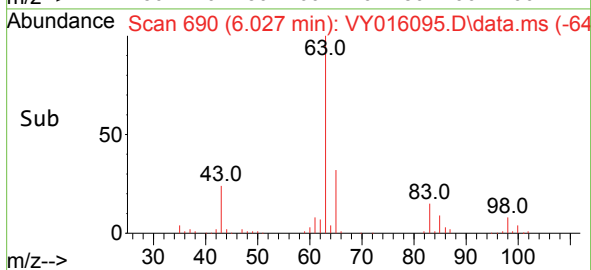
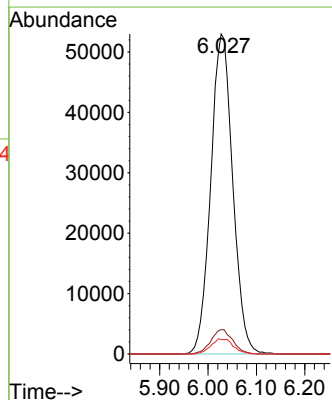
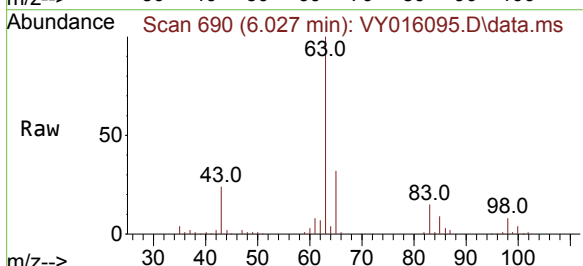
Tgt Ion: 63 Resp: 167285

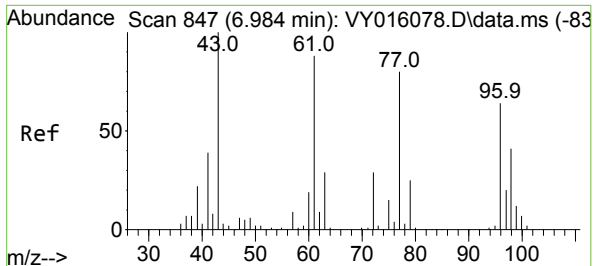
Ion Ratio Lower Upper

63 100

98 7.6 3.1 9.4

100 4.5 1.8 5.5





#25

2-Butanone

Concen: 251.622 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

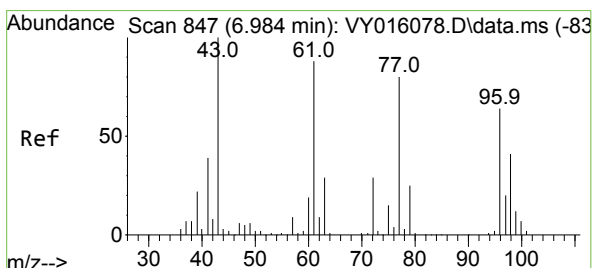
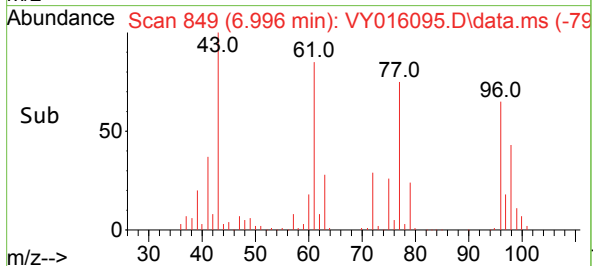
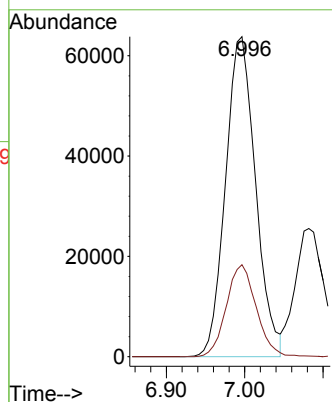
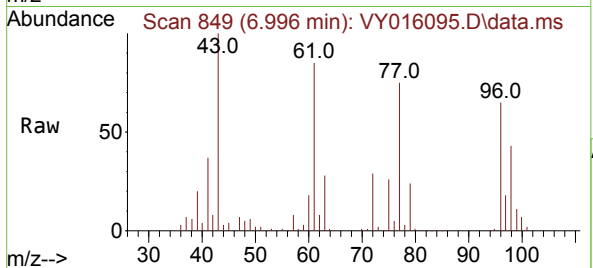
ClientSampleId :

Tgt Ion: 43 Resp: 170295

Ion Ratio Lower Upper

43 100

72 28.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 48.911 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY016095.D

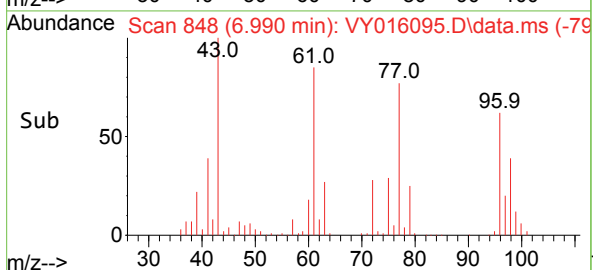
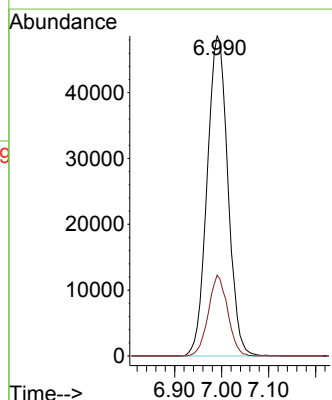
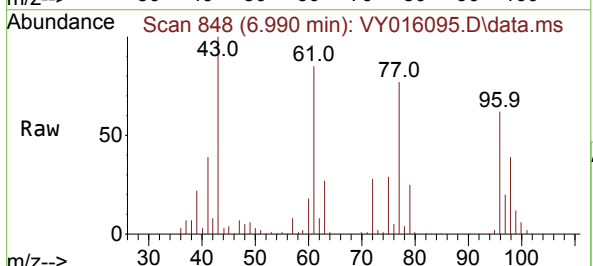
Acq: 27 Oct 2023 10:01

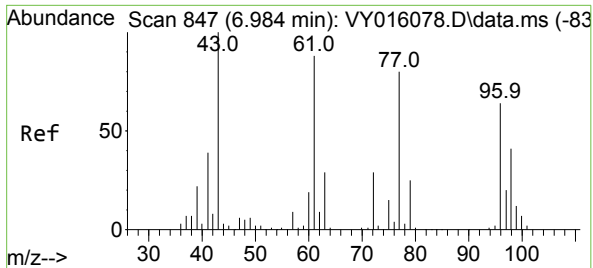
Tgt Ion: 77 Resp: 148868

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9

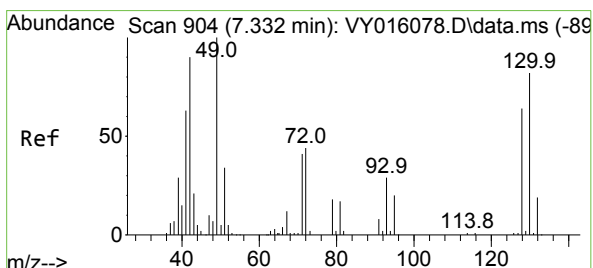
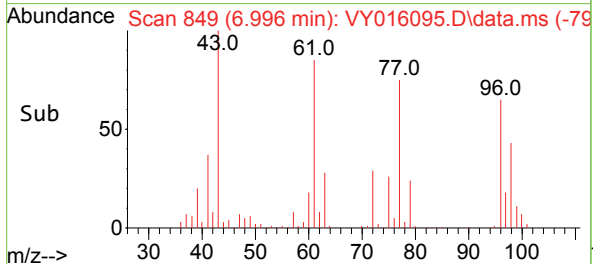
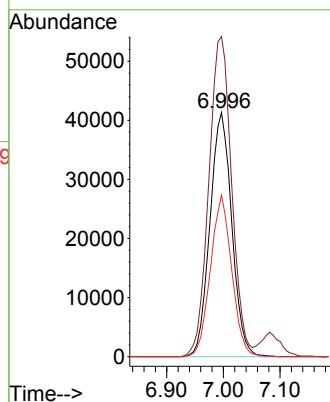
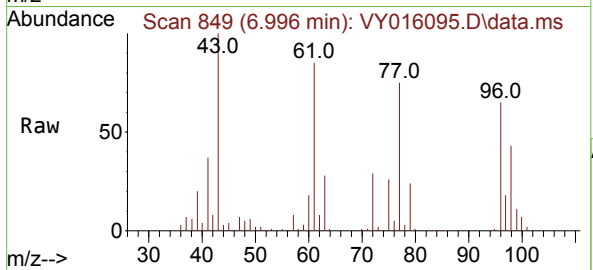




#27
 cis-1,2-Dichloroethene
 Concen: 51.083 ug/l
 RT: 6.996 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY016095.D
 Acq: 27 Oct 2023 10:01

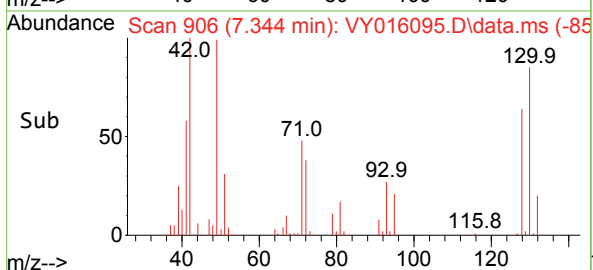
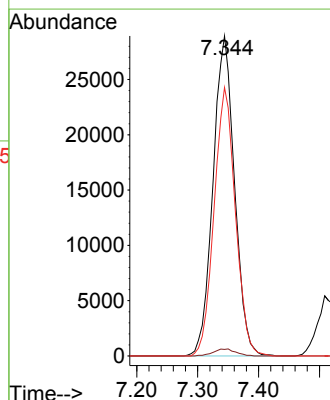
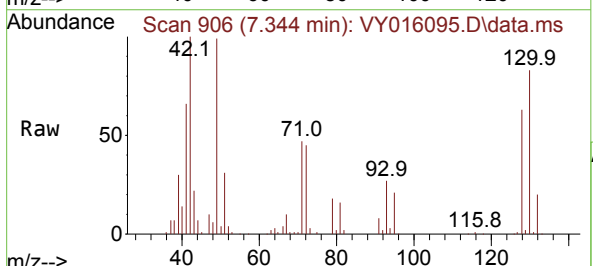
Instrument :
 MSVOA_Y
 ClientSampleId :

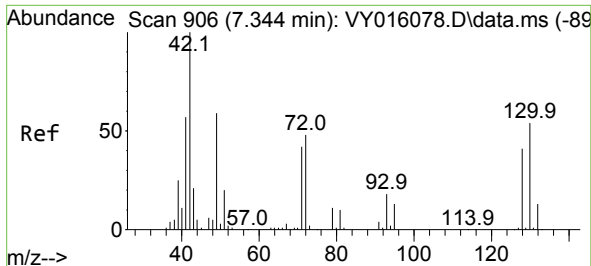
Tgt Ion: 96 Resp: 110560
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 301.4
 98 64.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 52.992 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VY016095.D
 Acq: 27 Oct 2023 10:01

Tgt Ion: 49 Resp: 70980
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 83.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 256.260 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

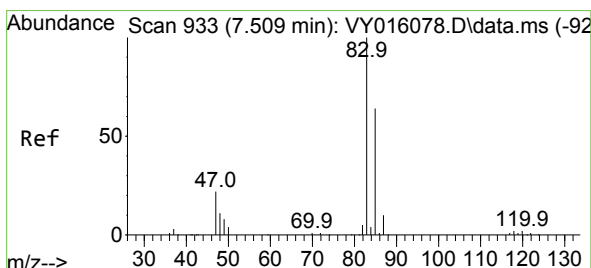
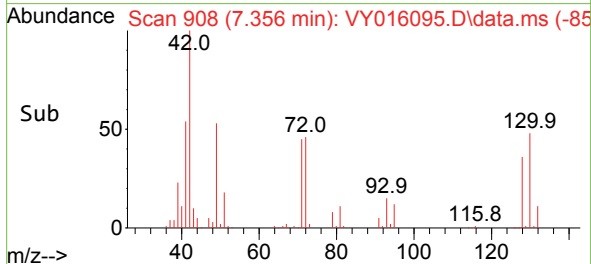
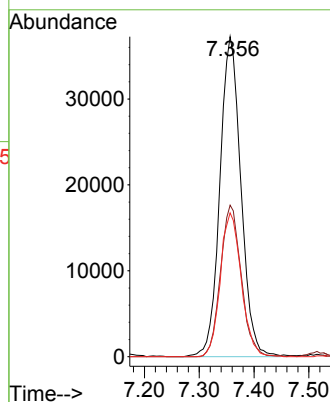
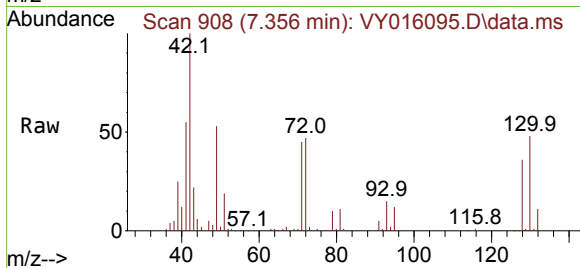
Tgt Ion: 42 Resp: 99510

Ion Ratio Lower Upper

42 100

72 46.7 32.8 49.2

71 44.7 31.0 46.4



#30

Chloroform

Concen: 51.500 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY016095.D

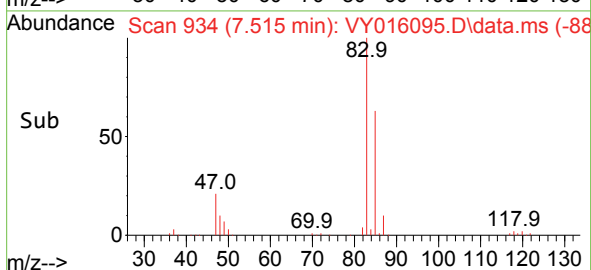
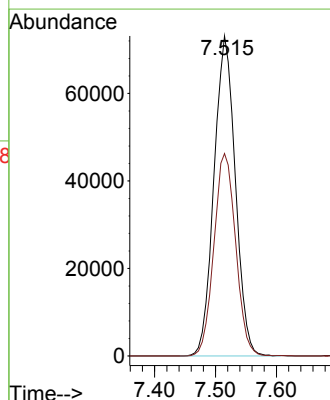
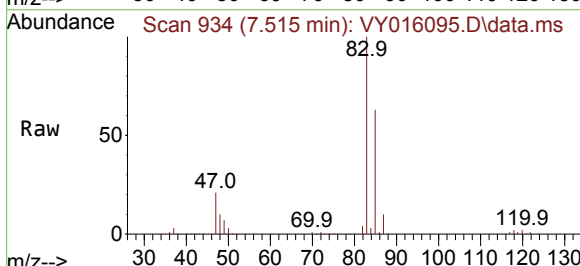
Acq: 27 Oct 2023 10:01

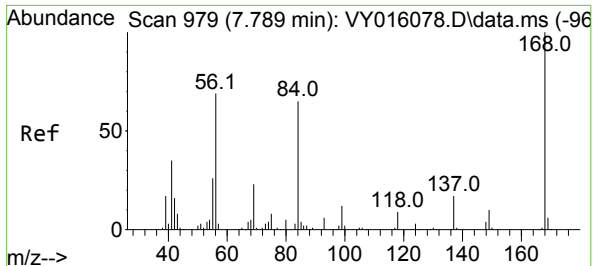
Tgt Ion: 83 Resp: 178118

Ion Ratio Lower Upper

83 100

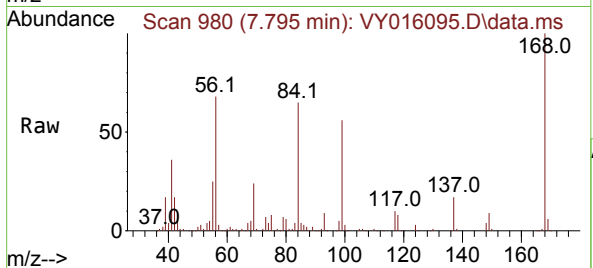
85 63.2 49.7 74.5



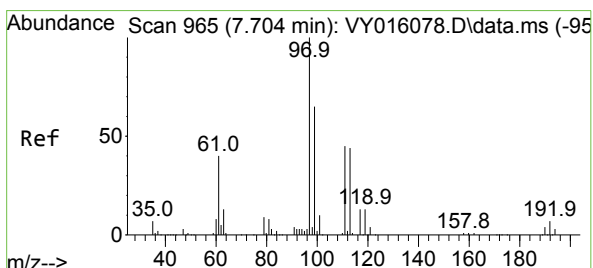
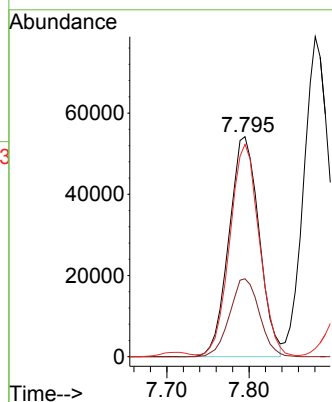
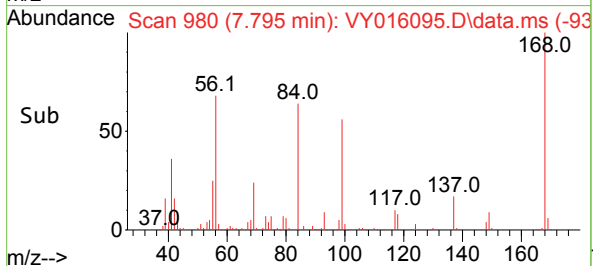


#31
Cyclohexane
Concen: 47.452 ug/l
RT: 7.795 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

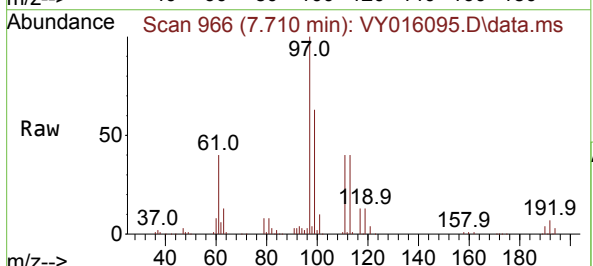
Instrument :
MSVOA_Y
ClientSampleId :



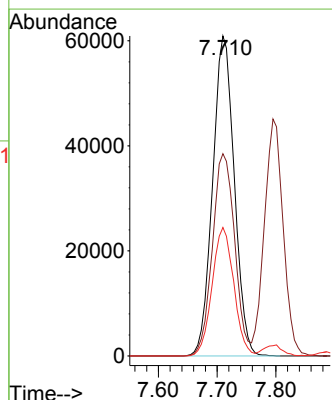
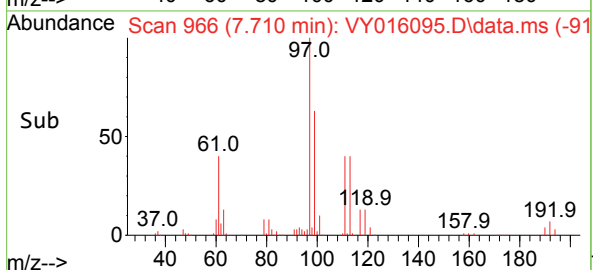
Tgt Ion: 56 Resp: 138111
Ion Ratio Lower Upper
56 100
69 35.4 27.8 41.6
84 94.5 66.4 99.6

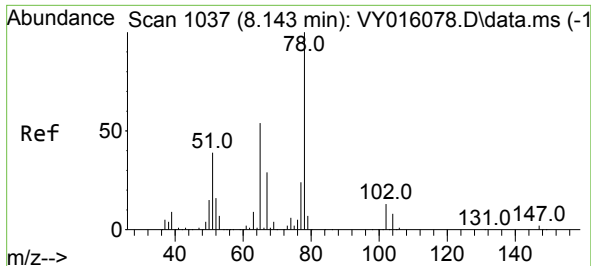


#32
1,1,1-Trichloroethane
Concen: 50.254 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01



Tgt Ion: 97 Resp: 155903
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 40.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.806 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

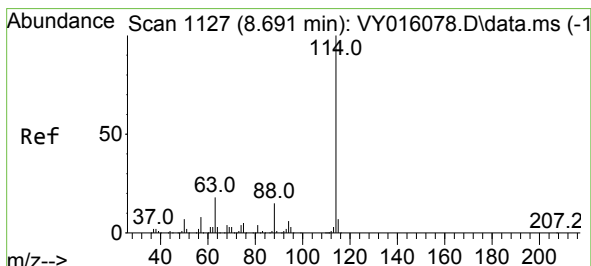
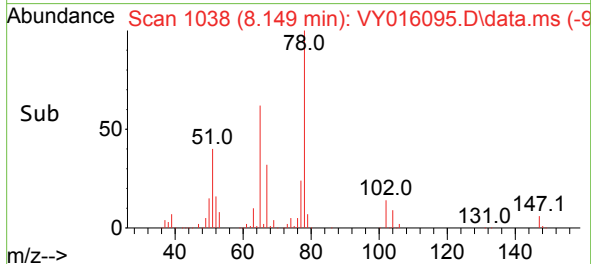
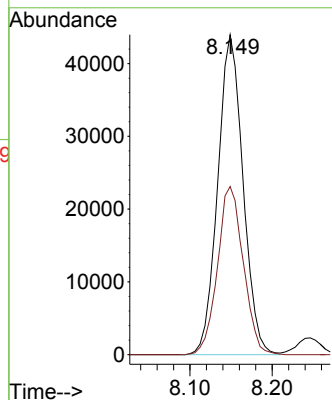
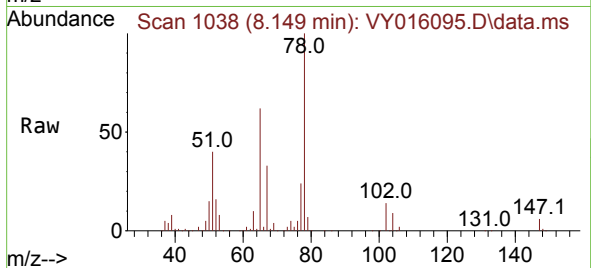
ClientSampleId :

Tgt Ion: 65 Resp: 93994

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

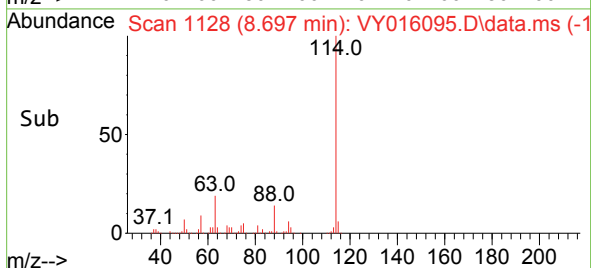
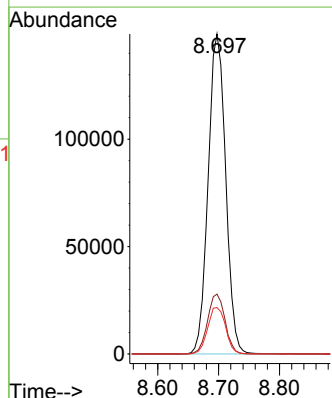
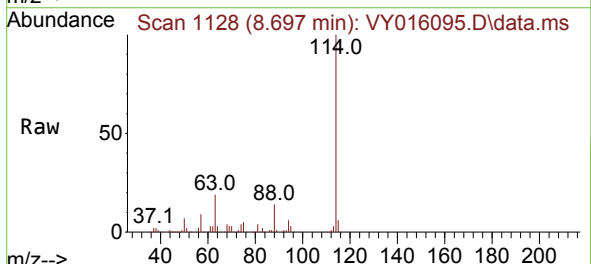
Tgt Ion: 114 Resp: 297638

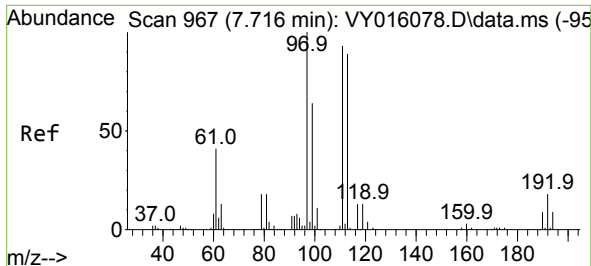
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

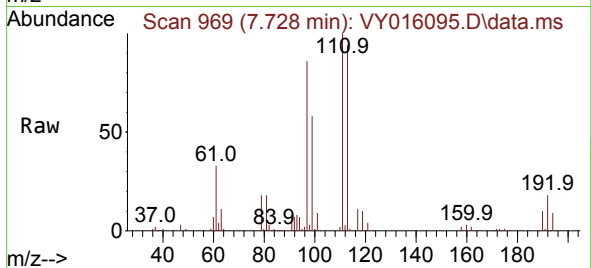
88 14.5 0.0 30.6



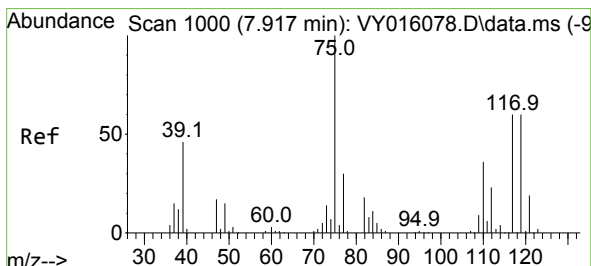
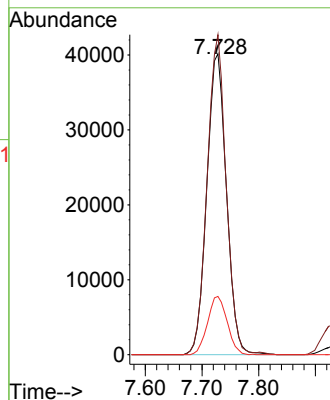
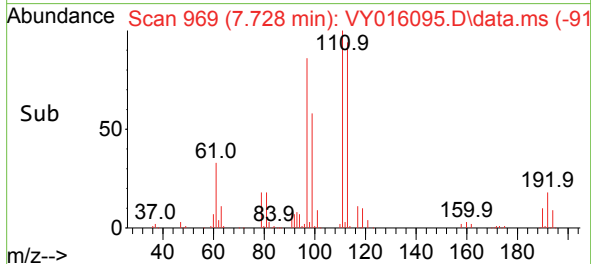


#35
Dibromofluoromethane
Concen: 51.428 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

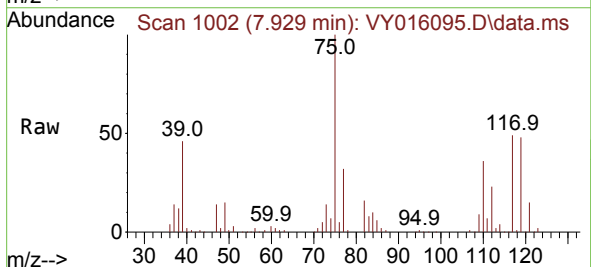
Instrument :
MSVOA_Y
ClientSampleId :



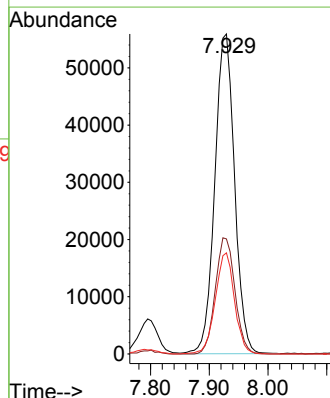
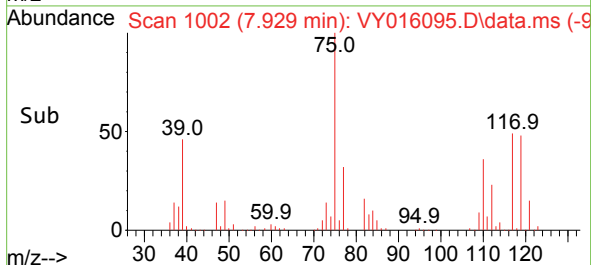
Tgt Ion:113 Resp: 96632
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.4 16.9 25.3

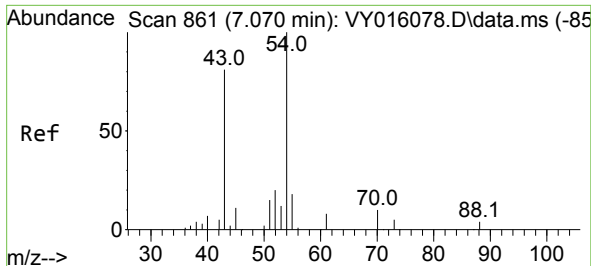


#36
1,1-Dichloropropene
Concen: 49.899 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01



Tgt Ion: 75 Resp: 130693
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 51.156 ug/l

RT: 7.082 min Scan# 861

Delta R.T. 0.012 min

Lab File: VY016095.D

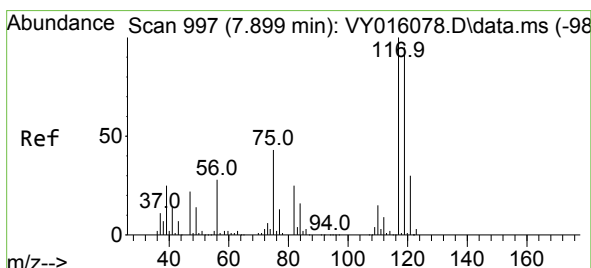
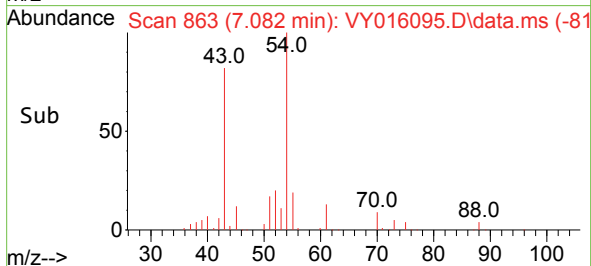
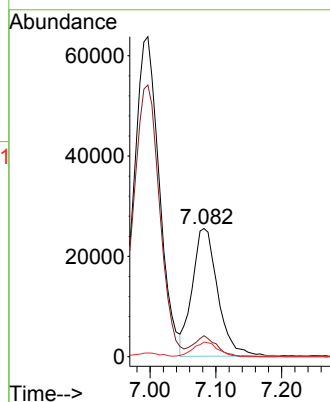
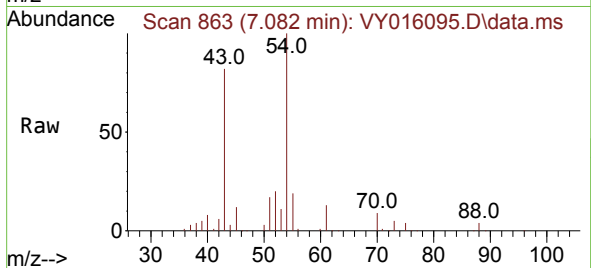
Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 68676
Ion Ratio	Lower Upper
43	100
61	15.0 10.1 15.1
70	11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.367 ug/l

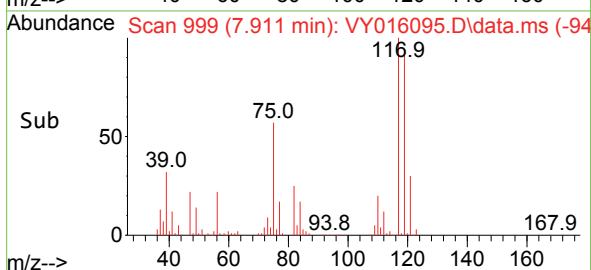
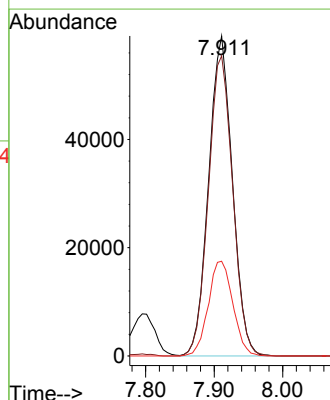
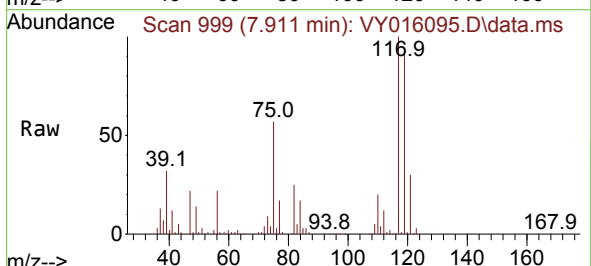
RT: 7.911 min Scan# 999

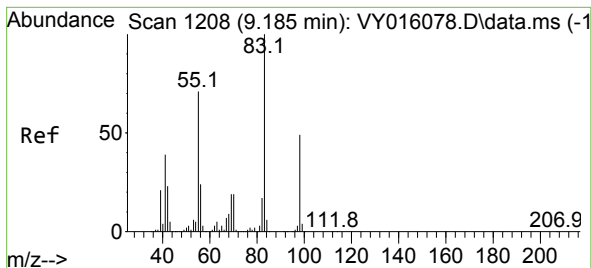
Delta R.T. 0.012 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Tgt Ion: 117	Resp: 142272
Ion Ratio	Lower Upper
117	100
119	93.8 76.4 114.6
121	29.6 25.8 38.6





#39

Methylcyclohexane

Concen: 49.548 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

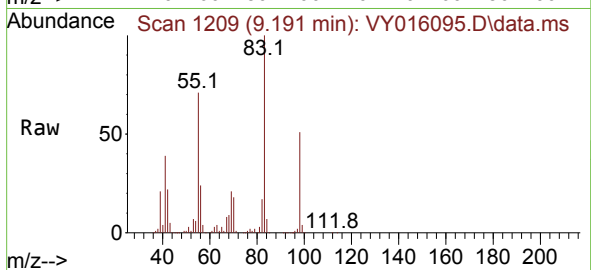
Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :



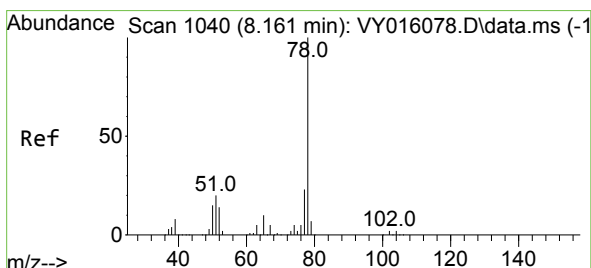
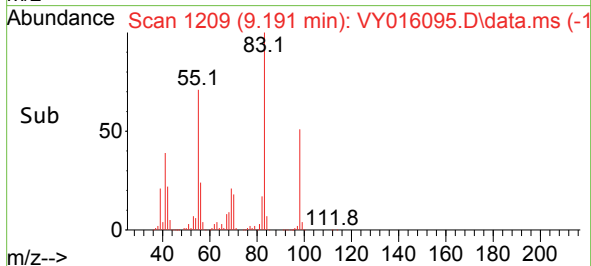
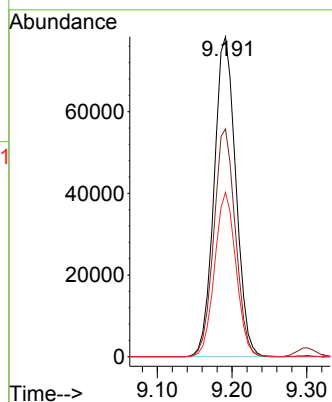
Tgt Ion: 83 Resp: 158096

Ion Ratio Lower Upper

83 100

55 71.2 63.0 94.4

98 51.4 37.4 56.2



#40

Benzene

Concen: 51.522 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY016095.D

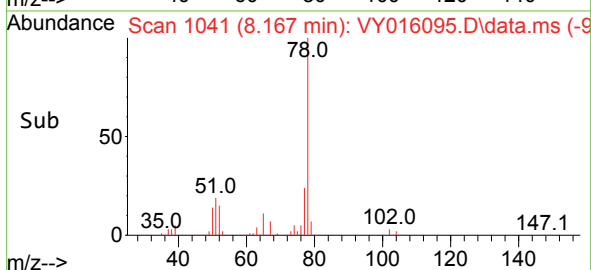
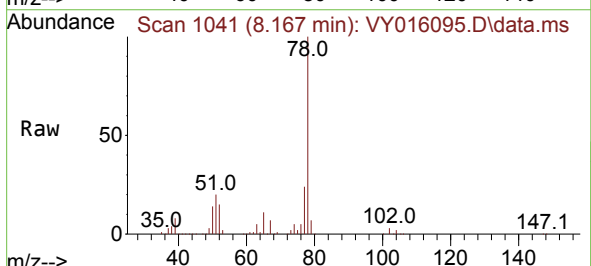
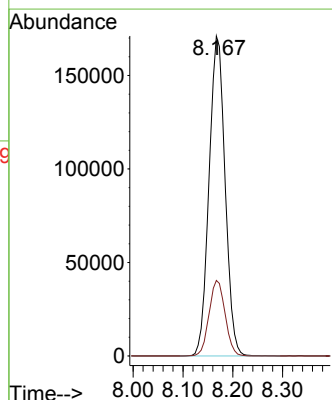
Acq: 27 Oct 2023 10:01

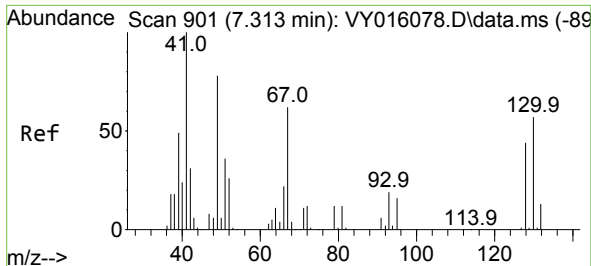
Tgt Ion: 78 Resp: 382059

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

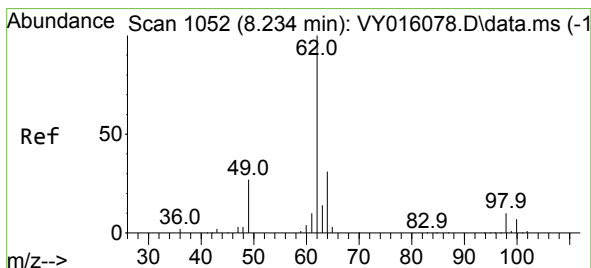
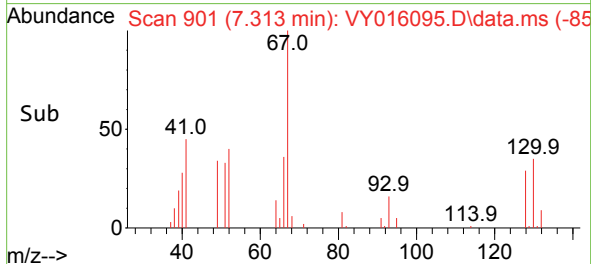
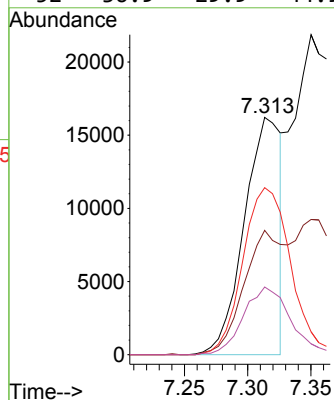
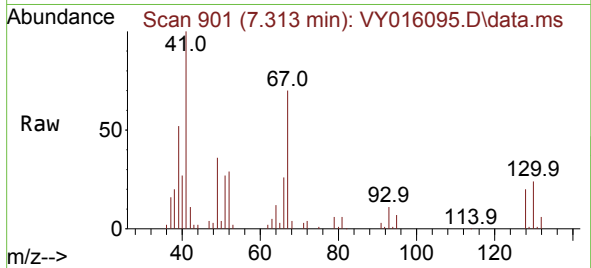




#41
Methacrylonitrile
Concen: 46.541 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

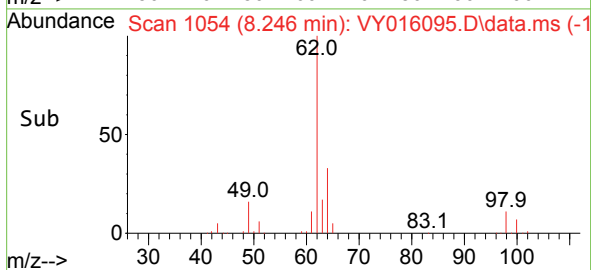
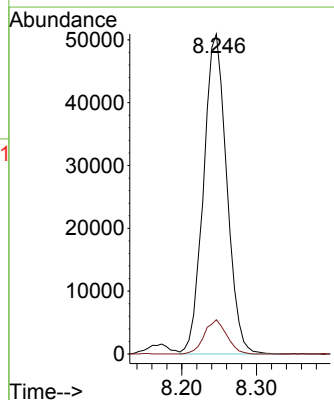
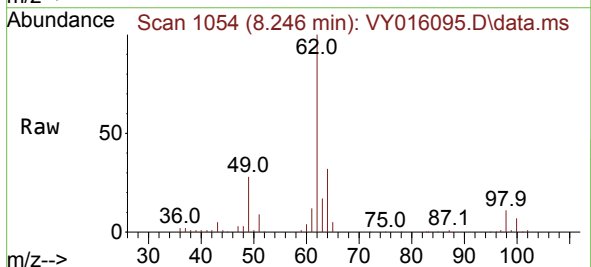
Instrument :
MSVOA_Y
ClientSampleId :

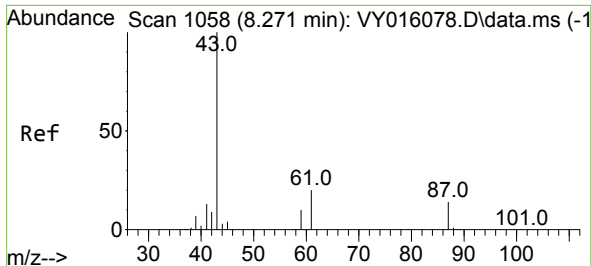
Tgt Ion:	41	Resp:	32699
Ion	Ratio	Lower	Upper
41	100		
39	60.3	52.1	78.1
67	92.2	66.2	99.2
52	36.9	29.9	44.9



#42
1,2-Dichloroethane
Concen: 51.201 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

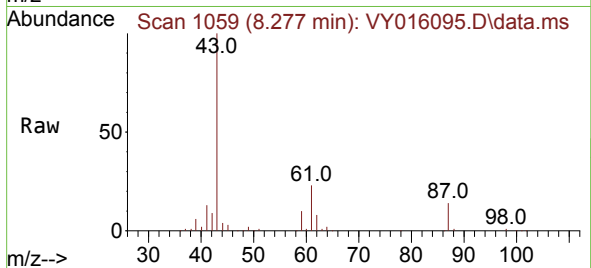
Tgt Ion:	62	Resp:	109707
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	15.8



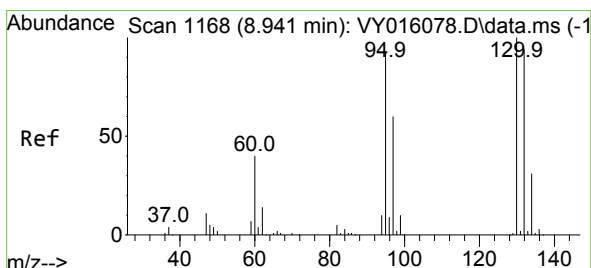
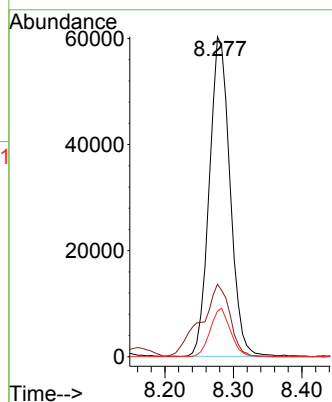
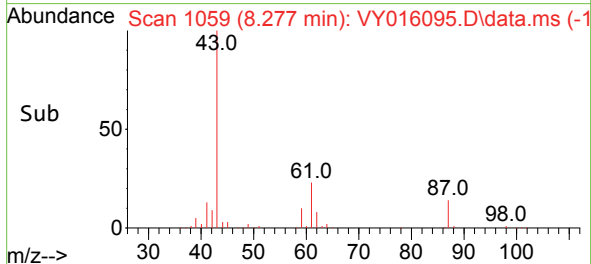


#43
Isopropyl Acetate
Concen: 50.274 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Instrument :
MSVOA_Y
ClientSampleId :

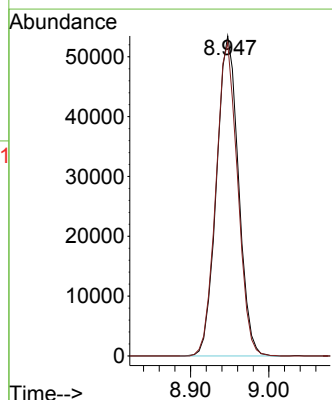
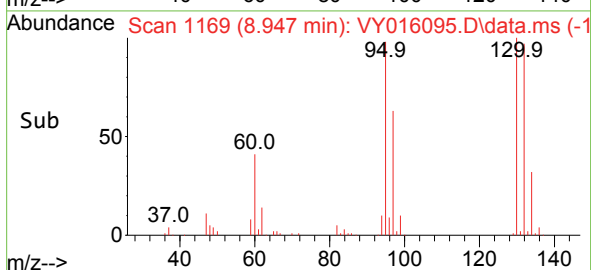
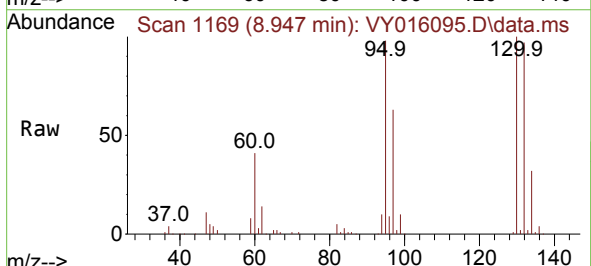


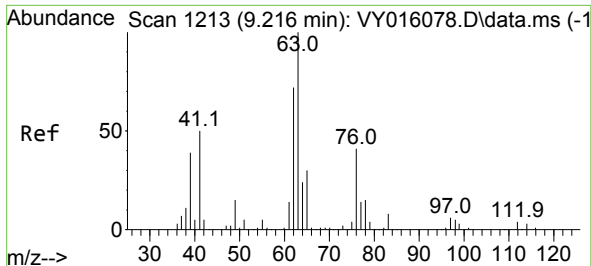
Tgt Ion: 43 Resp: 126192
Ion Ratio Lower Upper
43 100
61 31.8 21.1 31.7#
87 14.8 9.8 14.8#



#44
Trichloroethene
Concen: 50.199 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion:130 Resp: 103943
Ion Ratio Lower Upper
130 100
95 97.9 0.0 196.0

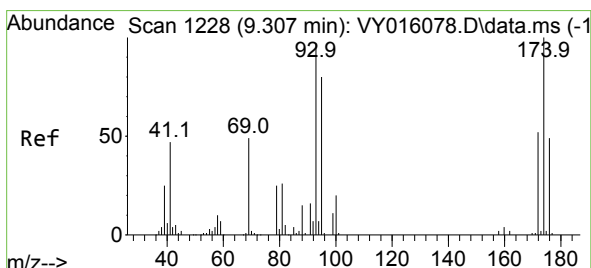
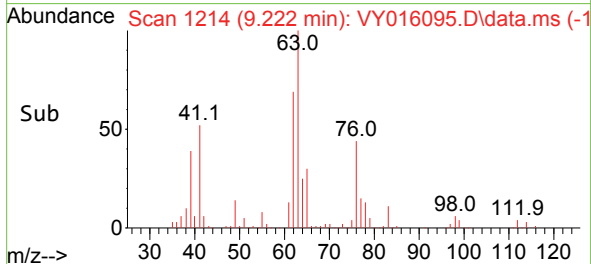
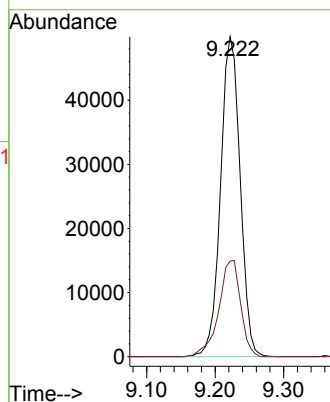
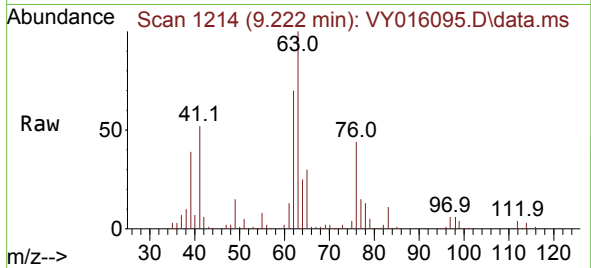




#45
1,2-Dichloropropane
Concen: 52.672 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

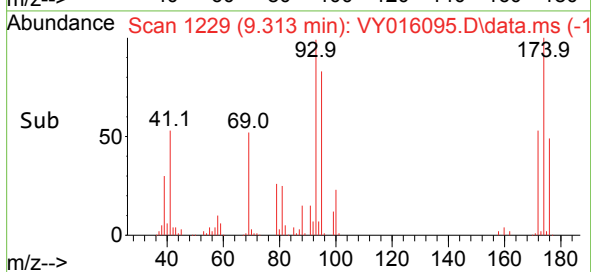
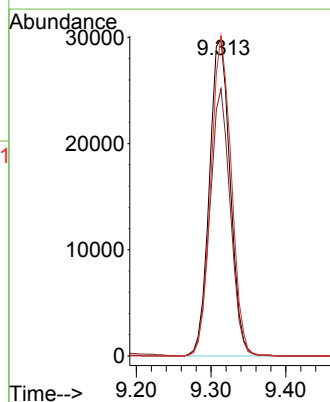
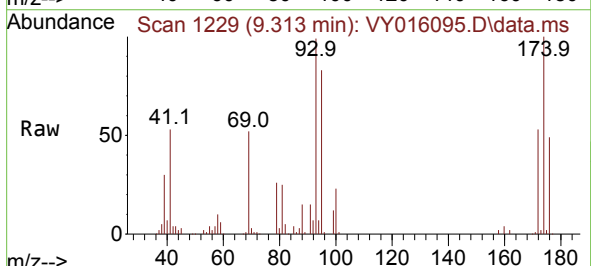
Instrument :
MSVOA_Y
ClientSampleId :

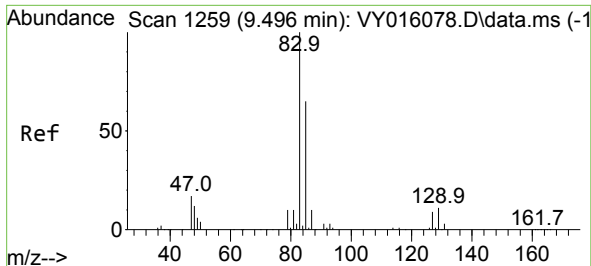
Tgt Ion: 63 Resp: 98854
Ion Ratio Lower Upper
63 100
65 29.8 23.8 35.6



#46
Dibromomethane
Concen: 52.442 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

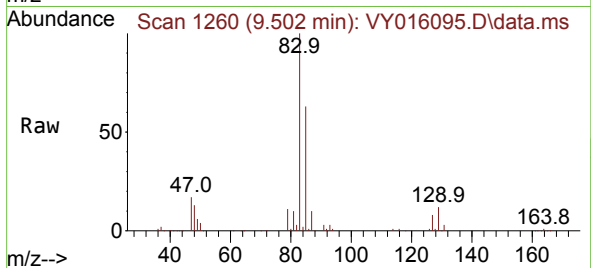
Tgt Ion: 93 Resp: 57710
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 99.0 84.8 127.2



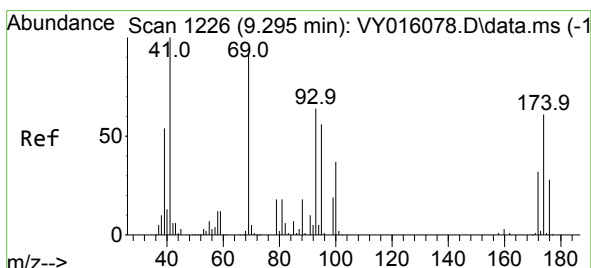
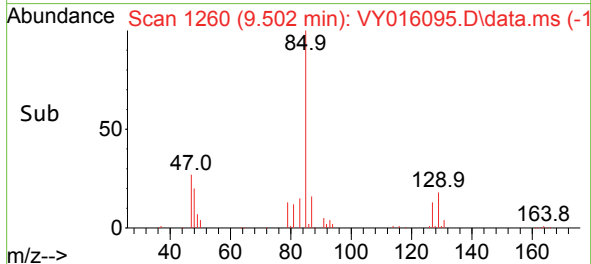
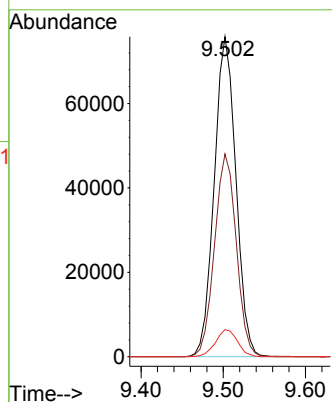


#47
Bromodichloromethane
Concen: 52.128 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Instrument :
MSVOA_Y
ClientSampleId :

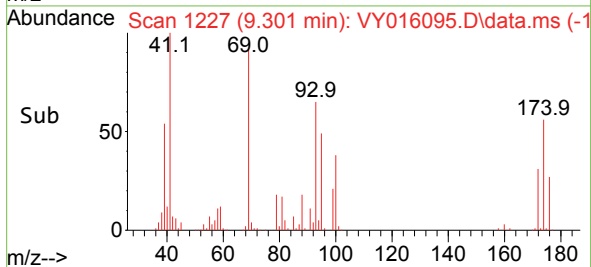
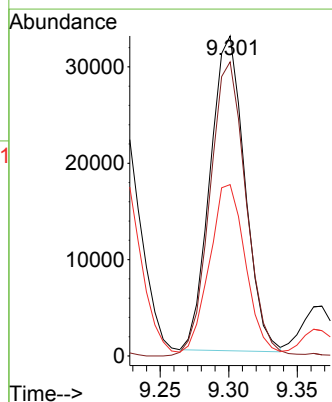
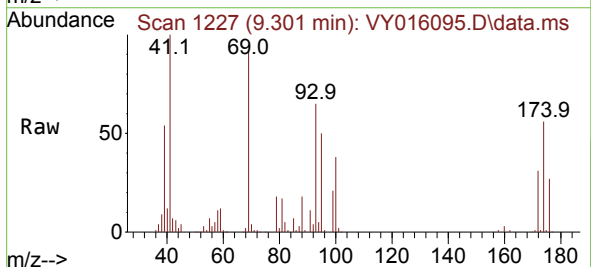


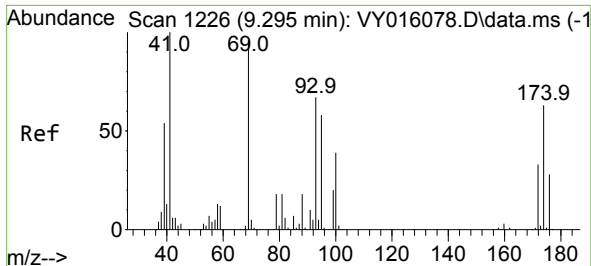
Tgt Ion: 83 Resp: 138732
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 49.684 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 41 Resp: 57455
Ion Ratio Lower Upper
41 100
69 97.6 64.5 96.7#
39 57.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1017.353 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

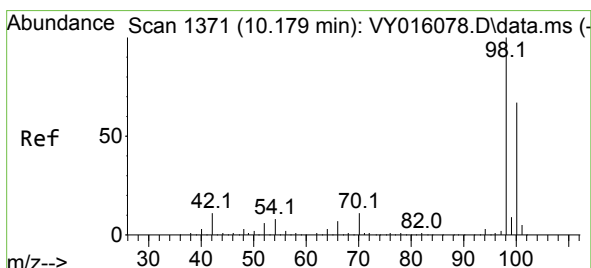
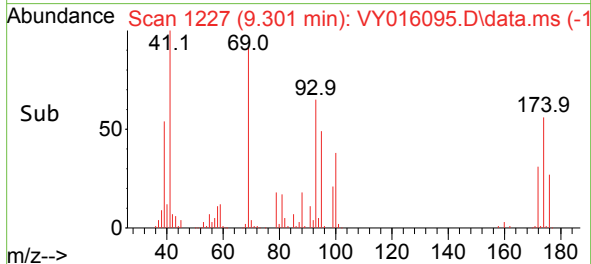
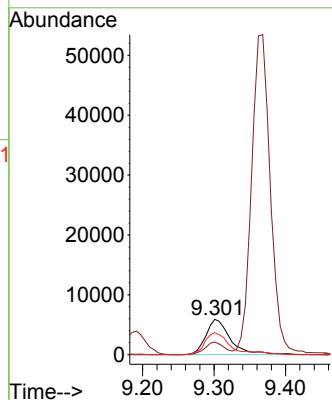
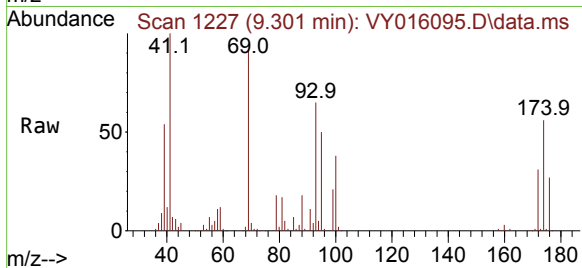
Tgt Ion: 88 Resp: 14007

Ion Ratio Lower Upper

88 100

43 29.0 0.0 0.0#

58 61.1 30.9 46.3#



#50

Toluene-d8

Concen: 51.334 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY016095.D

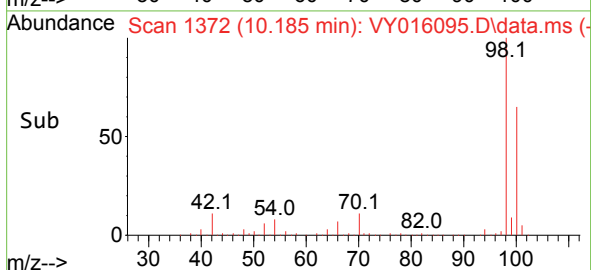
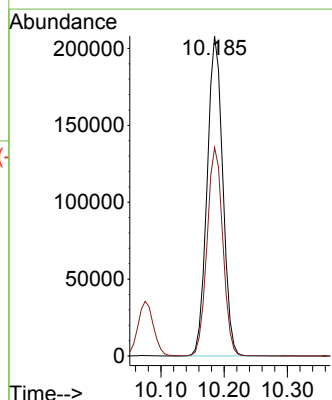
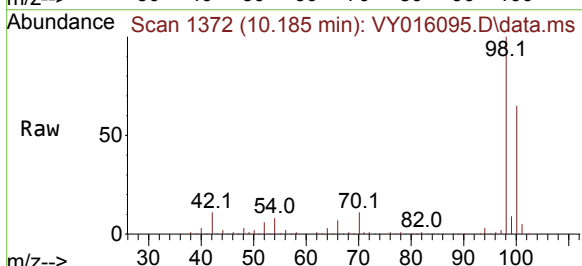
Acq: 27 Oct 2023 10:01

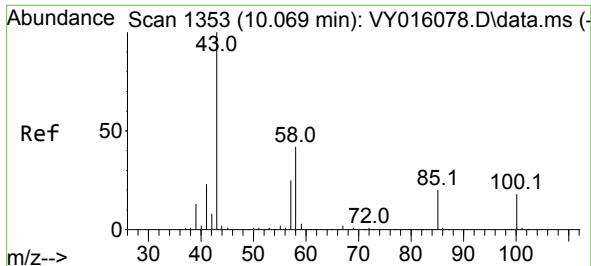
Tgt Ion: 98 Resp: 357290

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

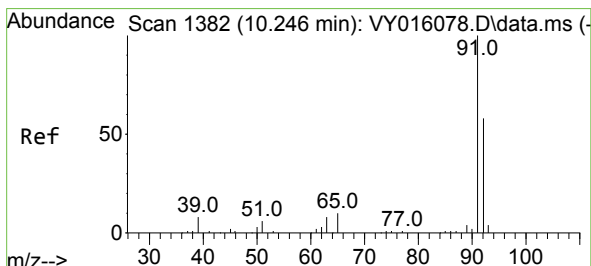
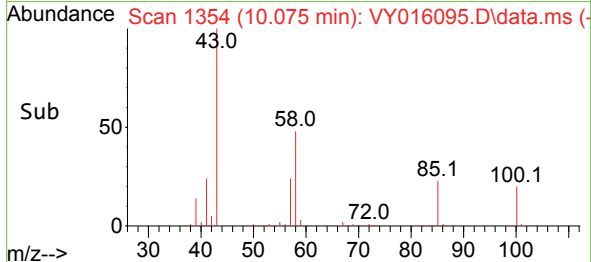
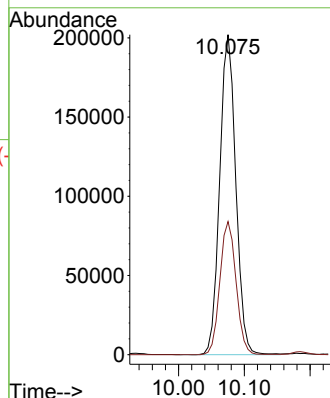
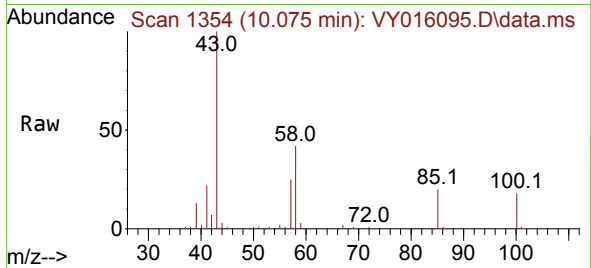




#51
4-Methyl-2-Pentanone
Concen: 259.796 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

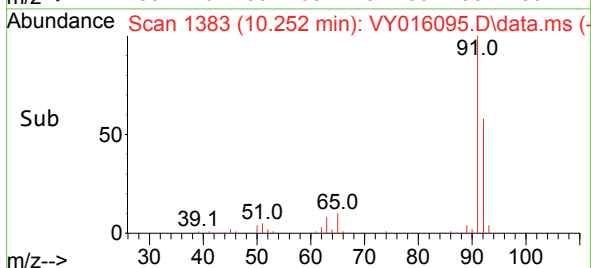
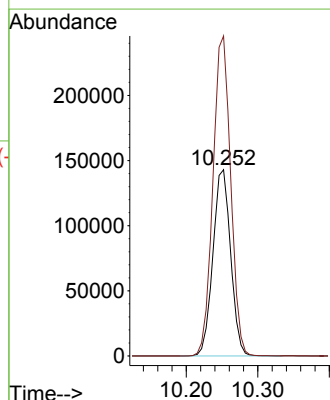
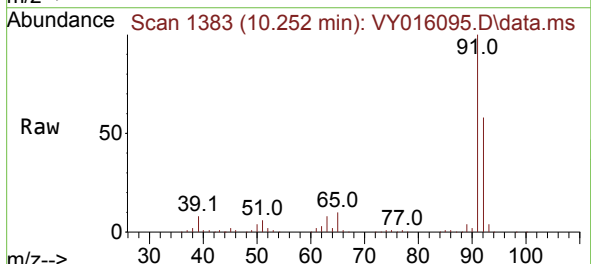
Instrument :
MSVOA_Y
ClientSampleId :

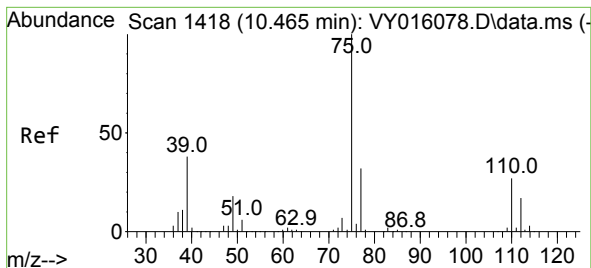
Tgt Ion: 43 Resp: 344095
Ion Ratio Lower Upper
43 100
58 41.8 29.0 43.6



#52
Toluene
Concen: 51.590 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 92 Resp: 245660
Ion Ratio Lower Upper
92 100
91 172.0 143.8 215.6

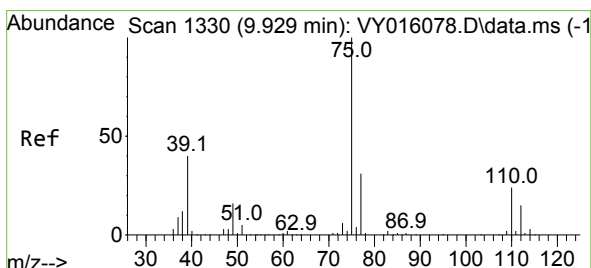
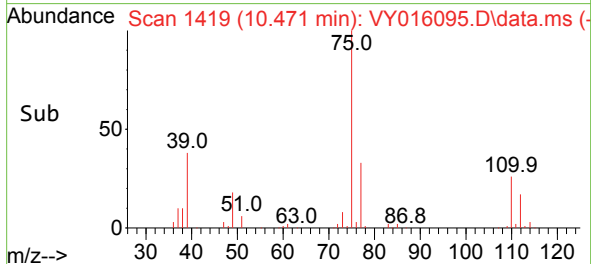
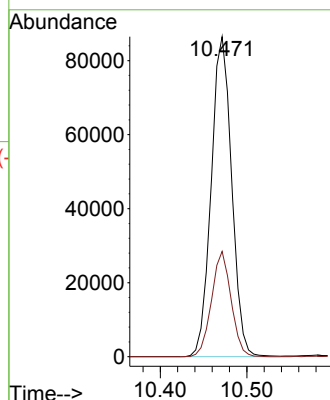
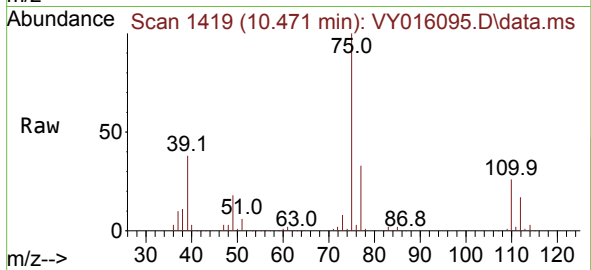




#53
t-1,3-Dichloropropene
Concen: 52.199 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

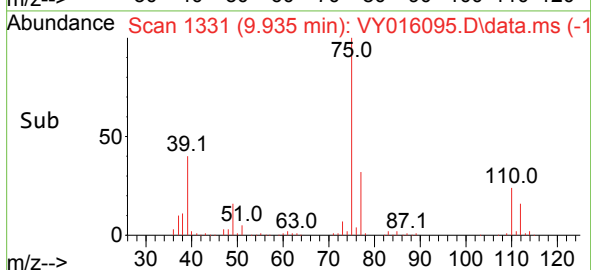
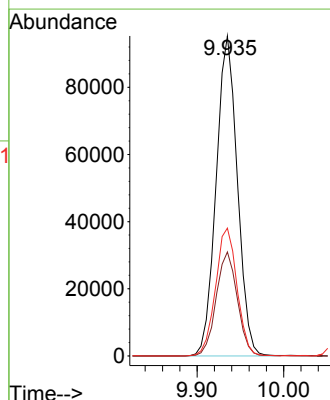
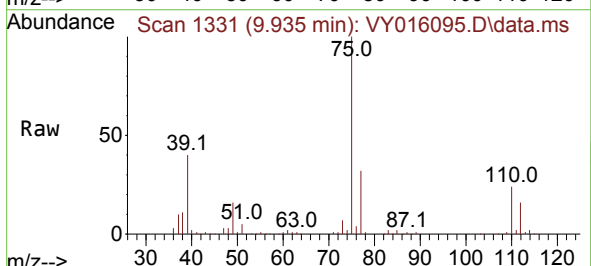
Instrument :
MSVOA_Y
ClientSampleId :

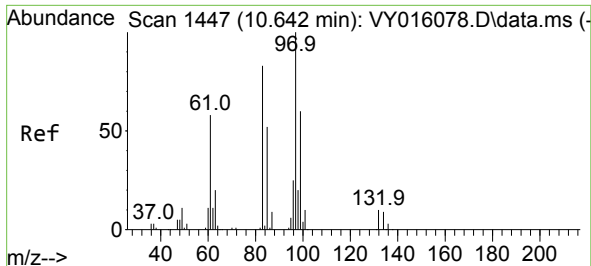
Tgt Ion: 75 Resp: 142060
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 52.714 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 75 Resp: 162237
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4
39 40.0 42.2 63.4#

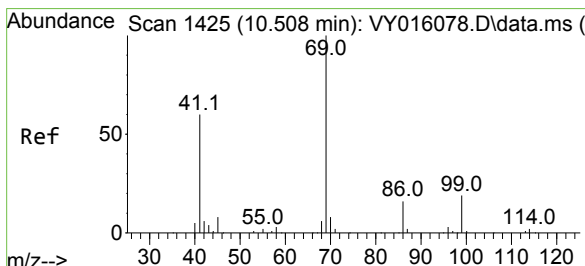
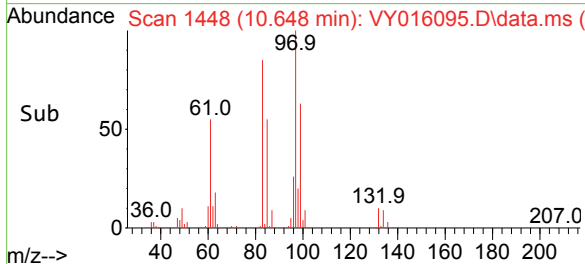
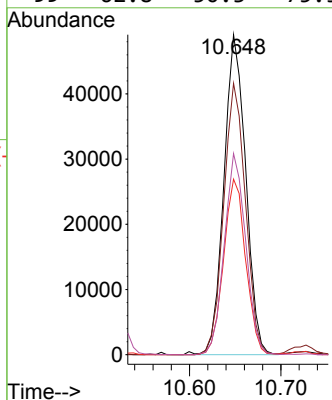
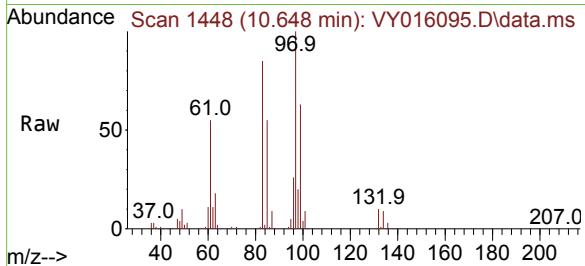




#55
1,1,2-Trichloroethane
Concen: 52.114 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

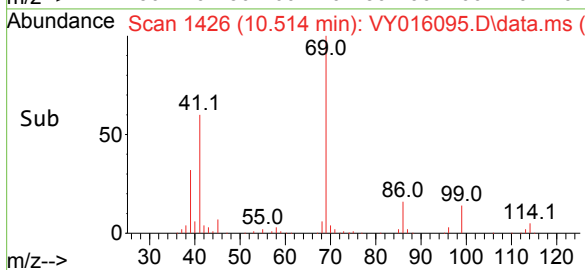
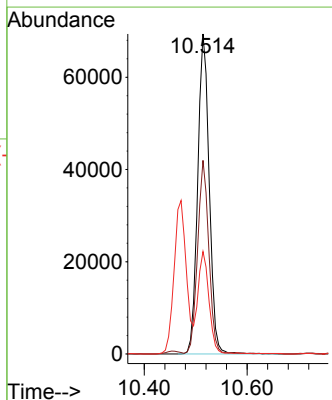
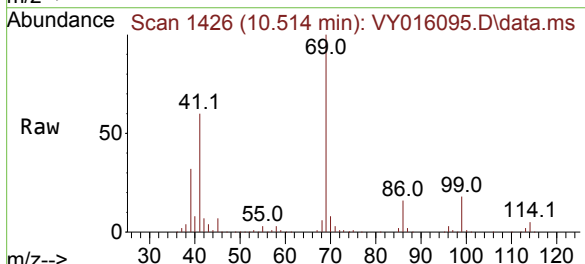
Instrument :
MSVOA_Y
ClientSampleId :

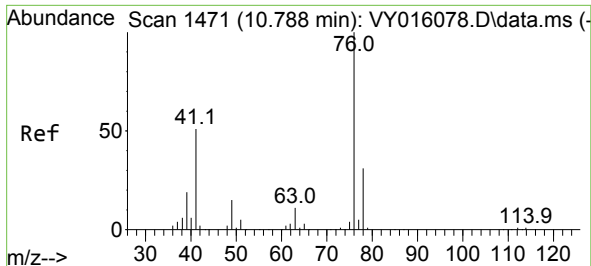
Tgt Ion: 97 Resp: 81482
Ion Ratio Lower Upper
97 100
83 84.8 72.0 108.0
85 54.8 45.4 68.0
99 62.8 50.3 75.5



#56
Ethyl methacrylate
Concen: 53.612 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 69 Resp: 107729
Ion Ratio Lower Upper
69 100
41 58.7 57.6 86.4
39 29.7 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 52.550 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

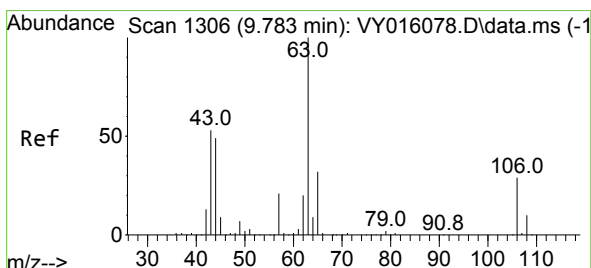
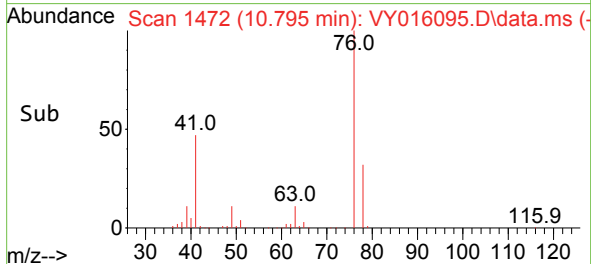
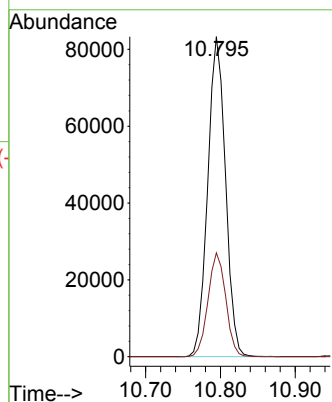
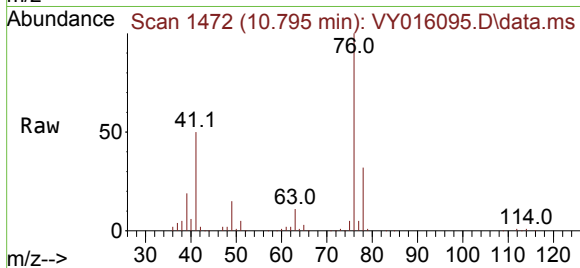
ClientSampleId :

Tgt Ion: 76 Resp: 137348

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 266.610 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY016095.D

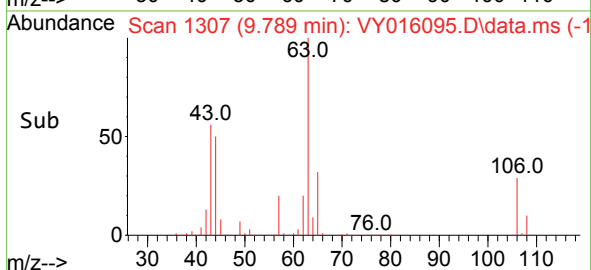
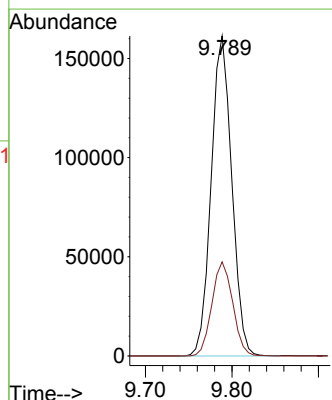
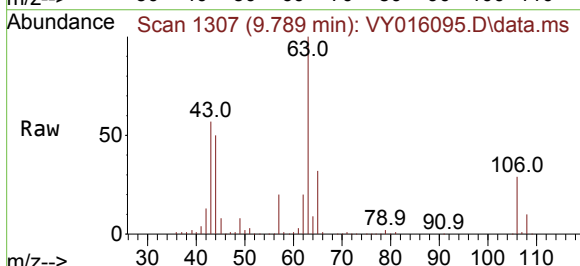
Acq: 27 Oct 2023 10:01

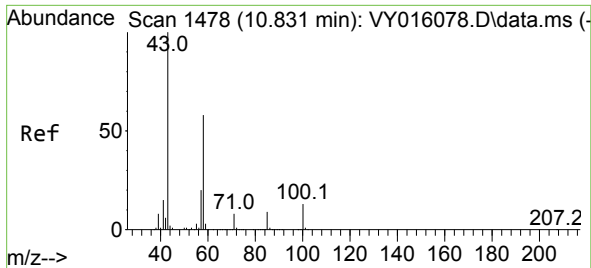
Tgt Ion: 63 Resp: 266701

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

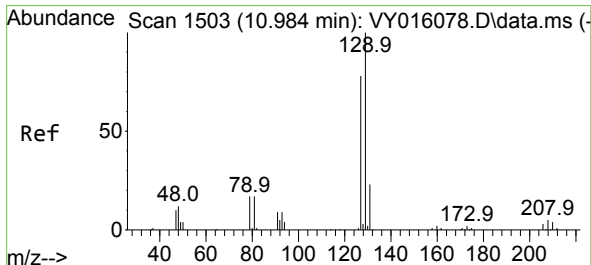
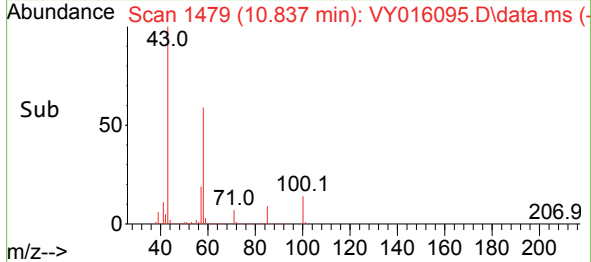
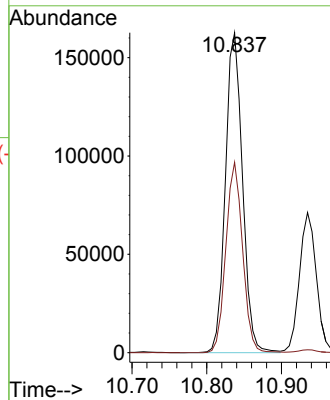
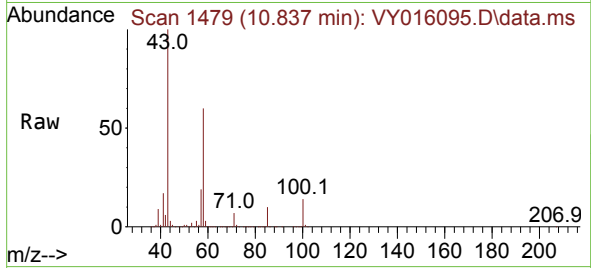




#59
2-Hexanone
Concen: 265.444 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

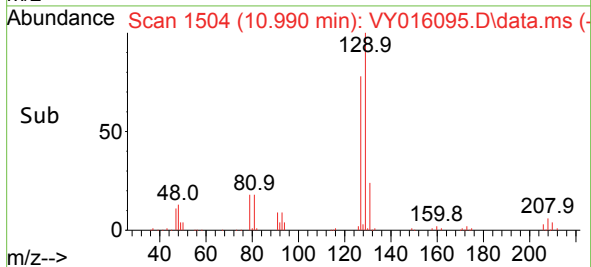
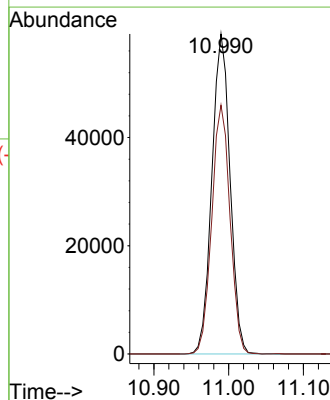
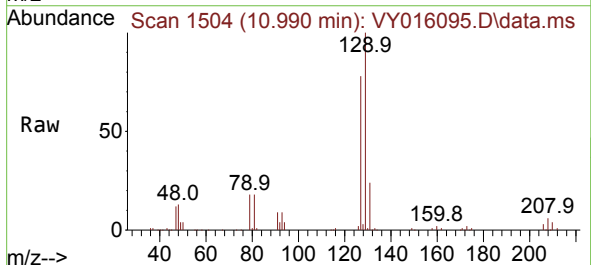
Instrument :
MSVOA_Y
ClientSampleId :

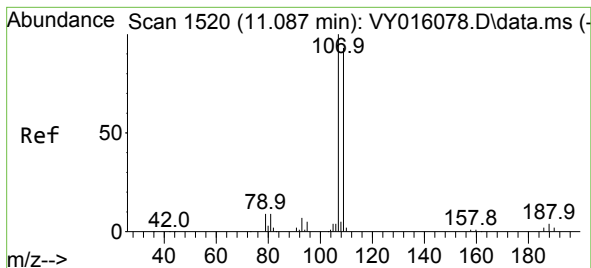
Tgt Ion: 43 Resp: 258982
Ion Ratio Lower Upper
43 100
58 58.4 25.1 75.3



#60
Dibromochloromethane
Concen: 52.208 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion:129 Resp: 99962
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.909 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

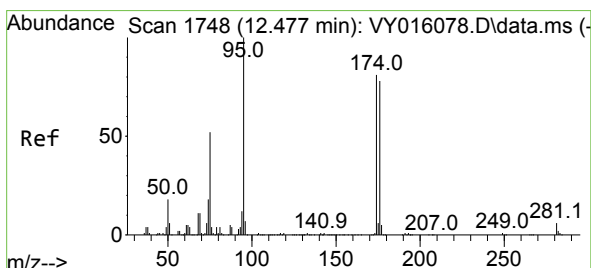
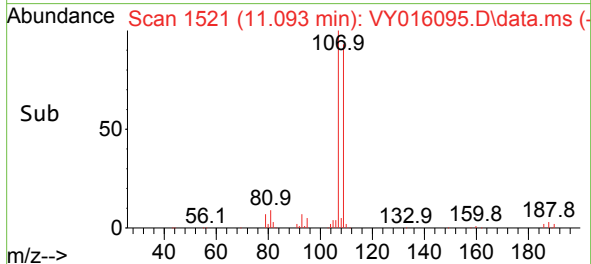
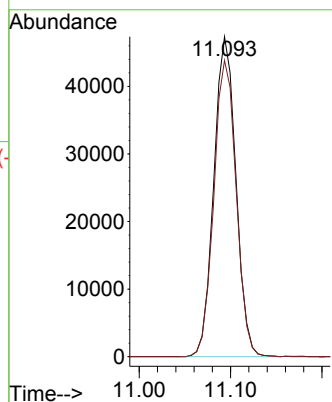
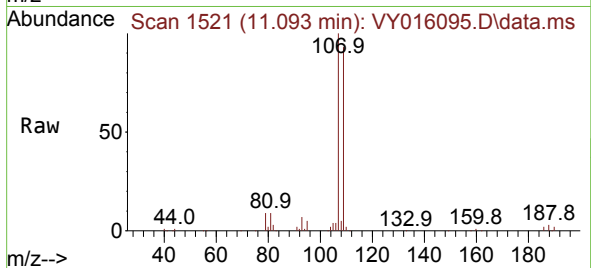
ClientSampleId :

Tgt Ion:107 Resp: 79214

Ion Ratio Lower Upper

107 100

109 94.1 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.641 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

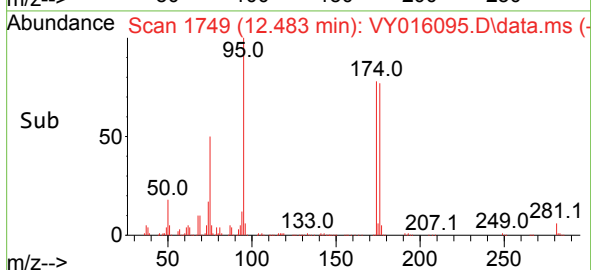
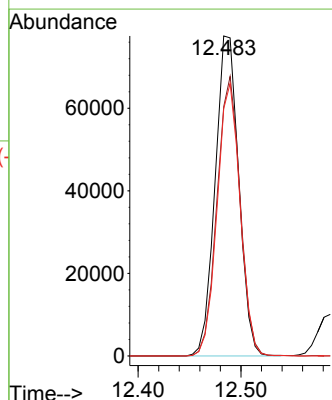
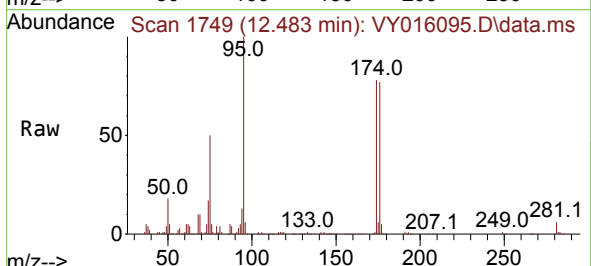
Tgt Ion: 95 Resp: 123291

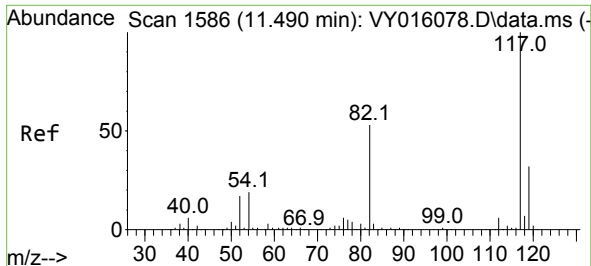
Ion Ratio Lower Upper

95 100

174 85.7 0.0 178.2

176 82.9 0.0 173.8

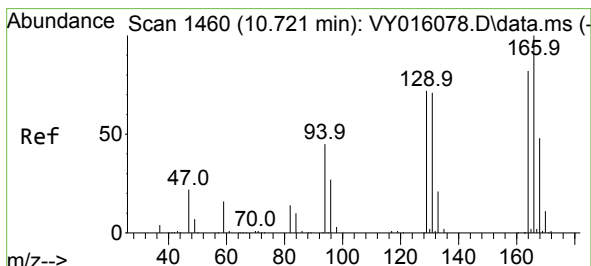
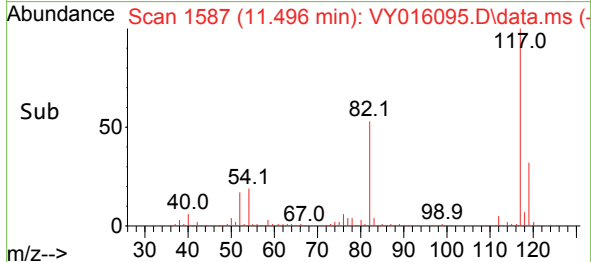
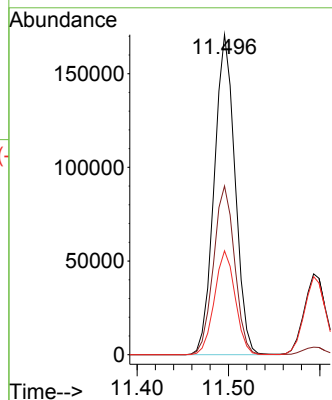
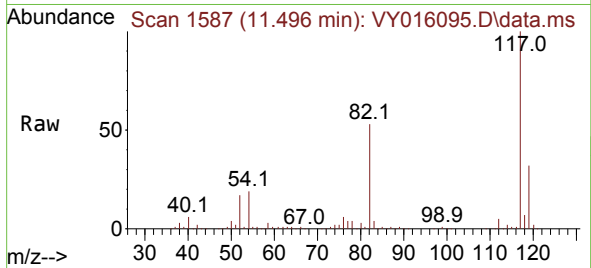




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

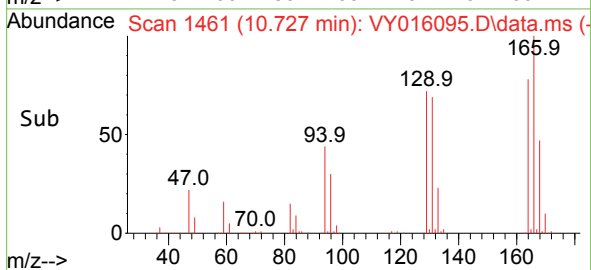
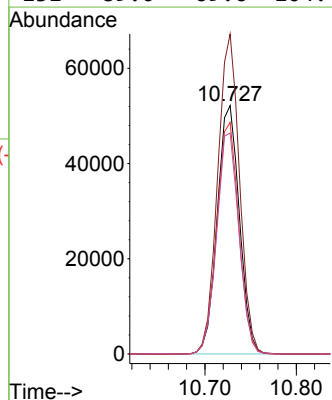
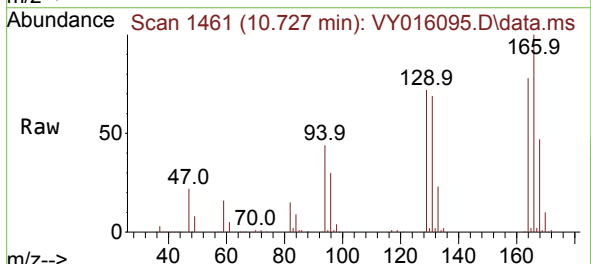
Instrument :
MSVOA_Y
ClientSampleId :

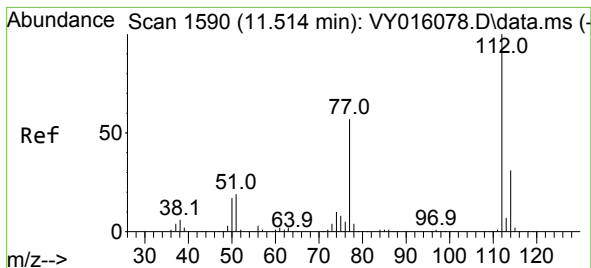
Tgt Ion:117 Resp: 270097
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 49.265 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion:164 Resp: 88056
Ion Ratio Lower Upper
164 100
166 128.8 103.0 154.6
129 93.2 77.2 115.8
131 89.0 69.6 104.4





#65

Chlorobenzene

Concen: 50.672 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

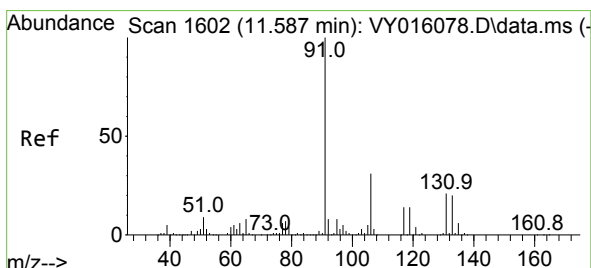
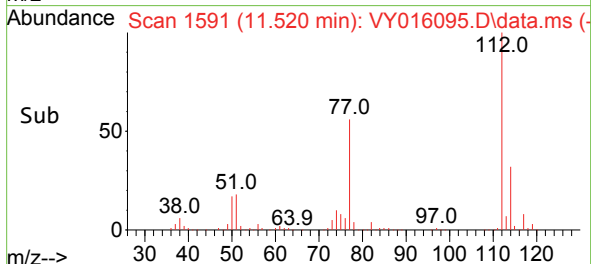
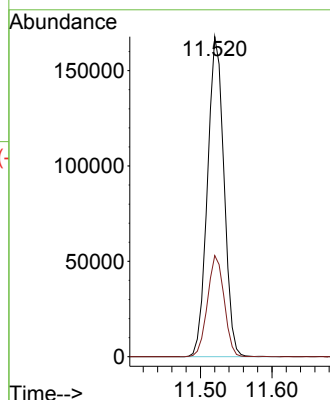
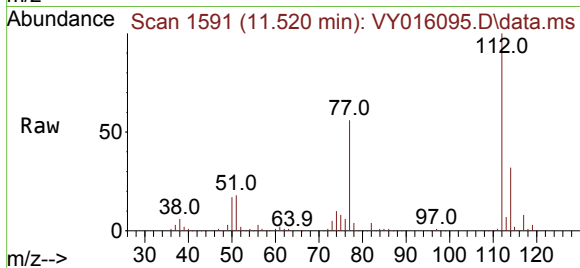
ClientSampleId :

Tgt Ion:112 Resp: 268958

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.864 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

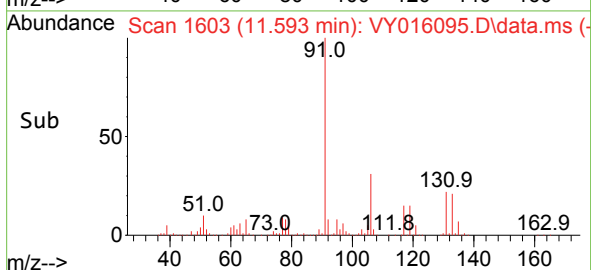
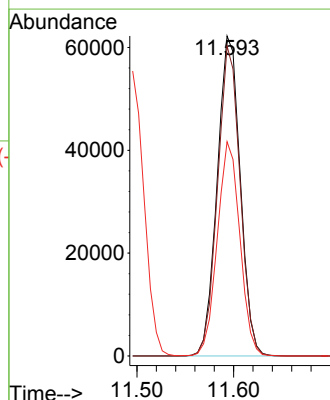
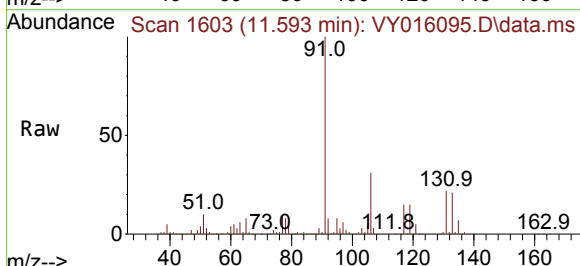
Tgt Ion:131 Resp: 102805

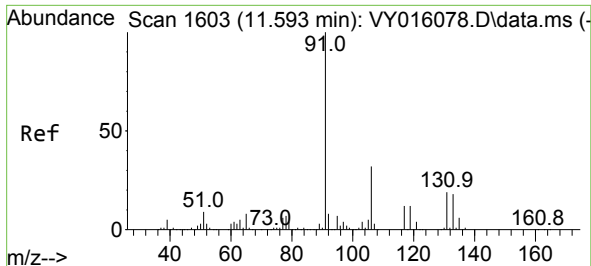
Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.6

119 65.7 31.6 94.7

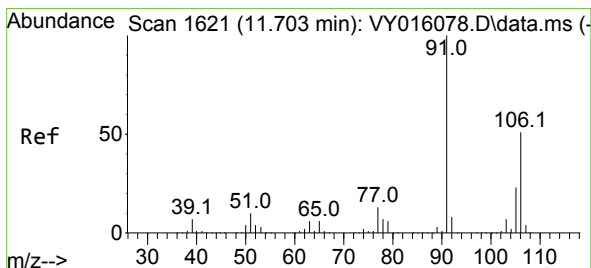
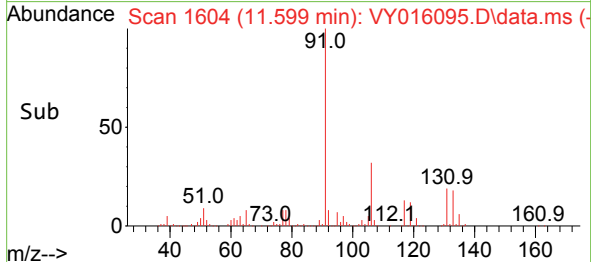
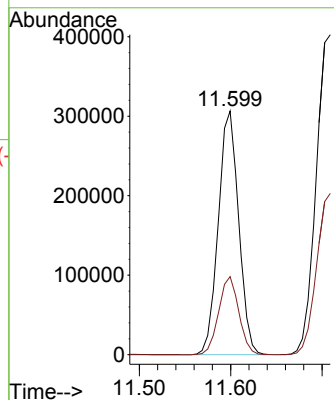
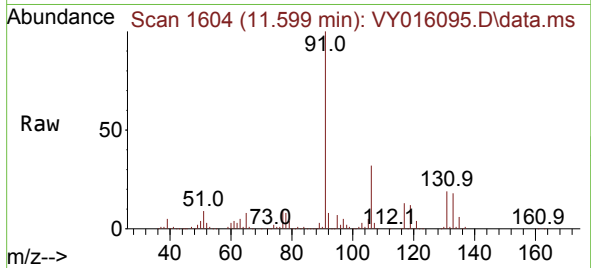




#67
Ethyl Benzene
Concen: 50.340 ug/l
RT: 11.599 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

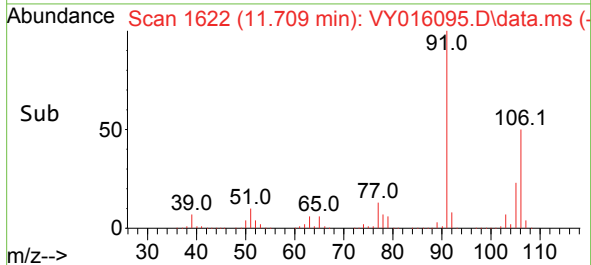
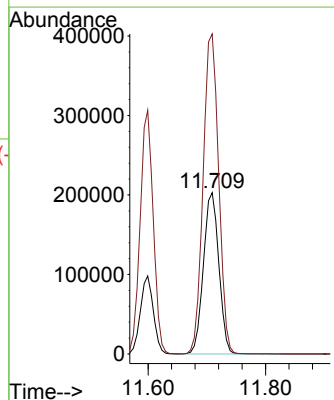
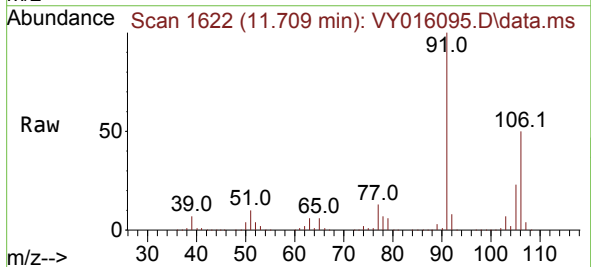
Instrument :
MSVOA_Y
ClientSampleId :

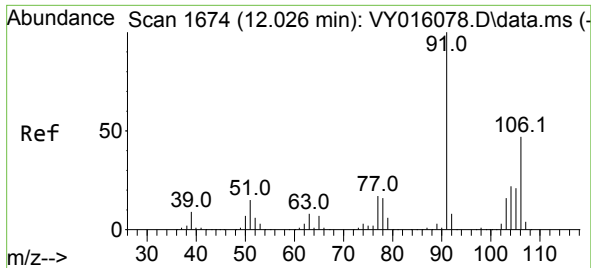
Tgt Ion: 91 Resp: 474596
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8



#68
m/p-Xylenes
Concen: 101.412 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion:106 Resp: 369998
Ion Ratio Lower Upper
106 100
91 200.5 166.1 249.1

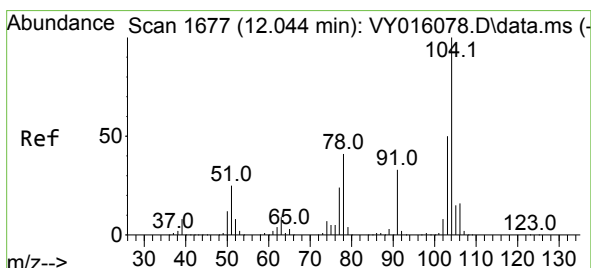
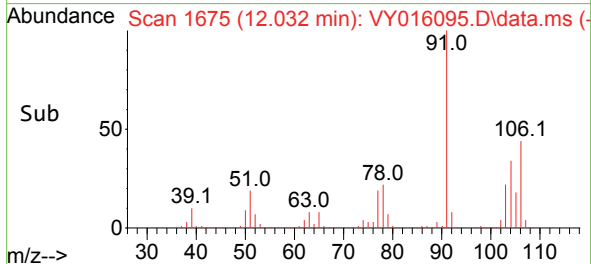
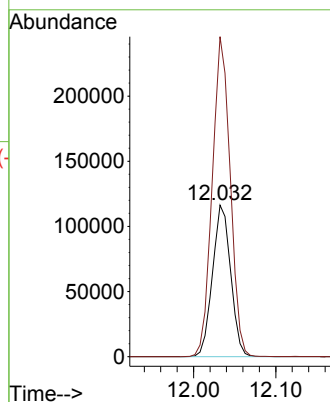
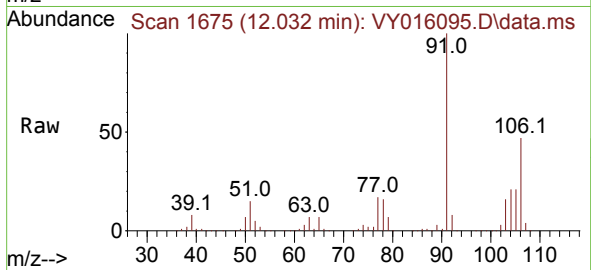




#69
o-Xylene
Concen: 51.171 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

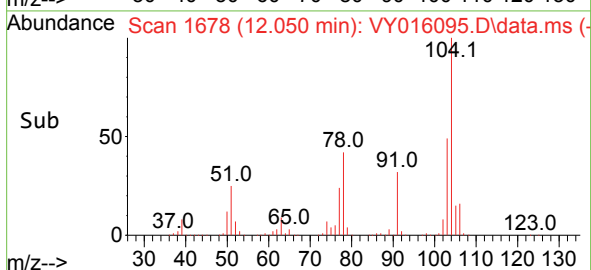
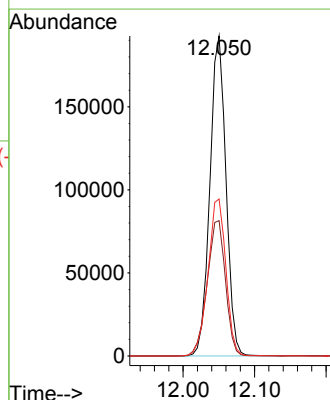
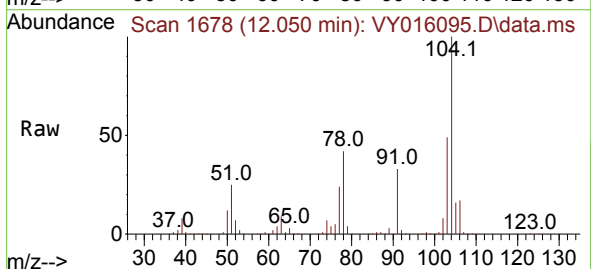
Instrument :
MSVOA_Y
ClientSampleId :

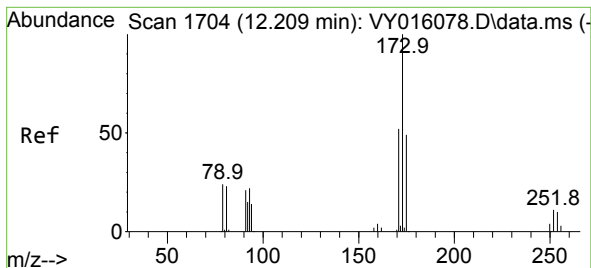
Tgt Ion:106 Resp: 178734
Ion Ratio Lower Upper
106 100
91 208.9 108.1 324.3



#70
Styrene
Concen: 51.766 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion:104 Resp: 301397
Ion Ratio Lower Upper
104 100
78 48.1 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 53.443 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

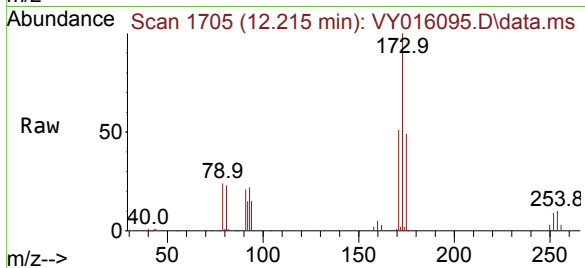
Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :



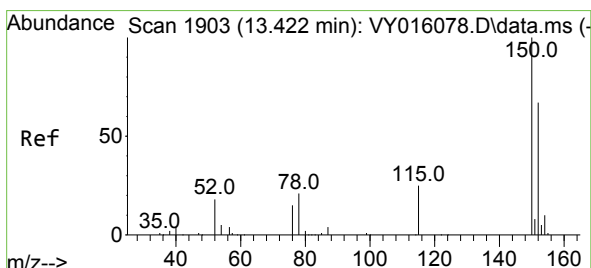
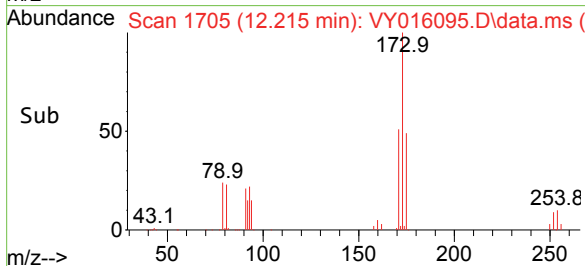
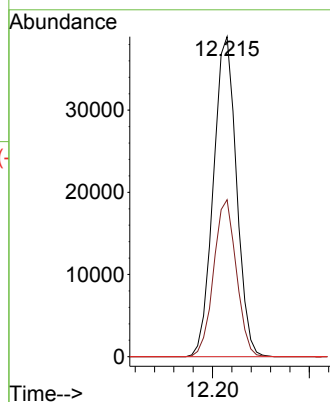
Tgt Ion:173 Resp: 64529

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

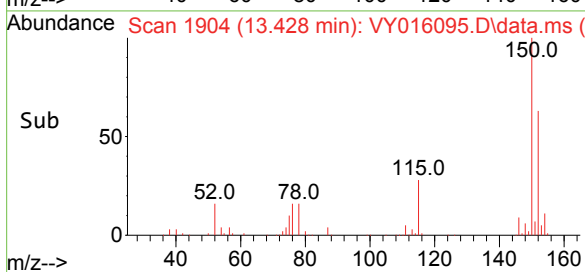
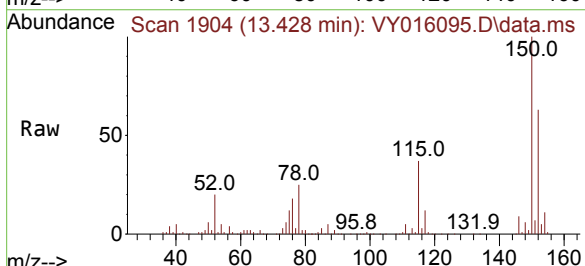
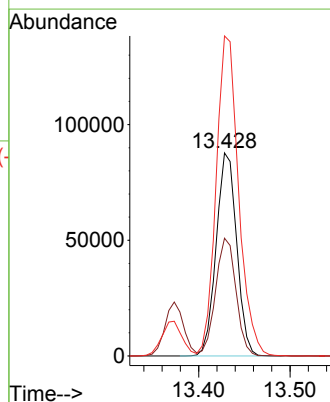
Tgt Ion:152 Resp: 136847

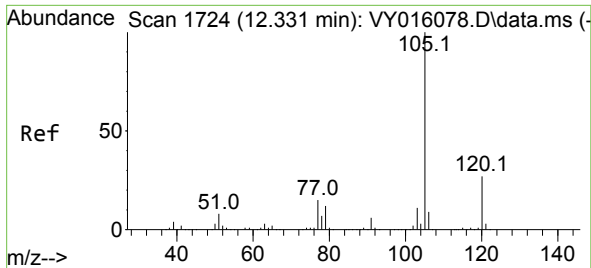
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 172.6 0.0 348.8

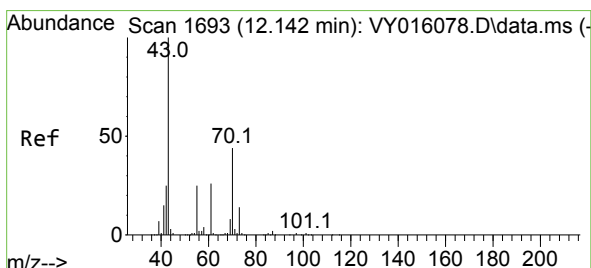
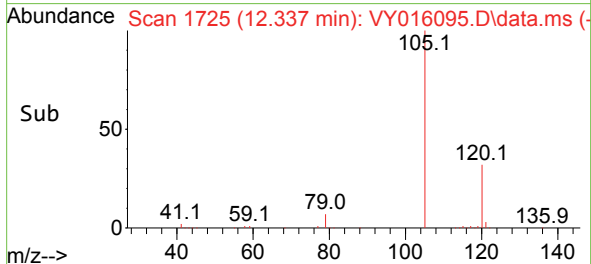
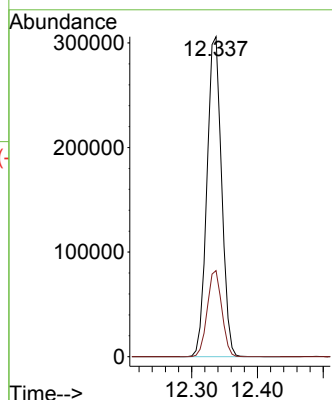
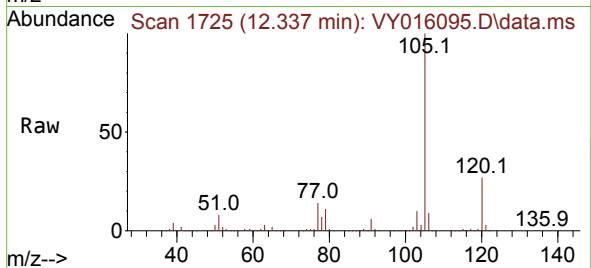




#73
Isopropylbenzene
Concen: 49.123 ug/l
RT: 12.337 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

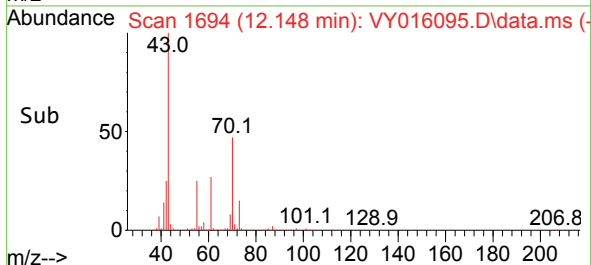
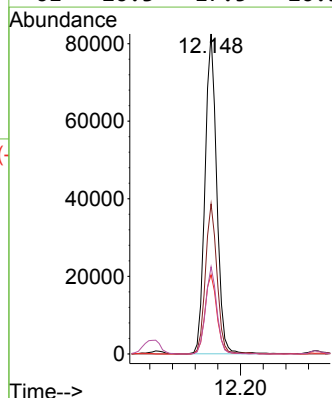
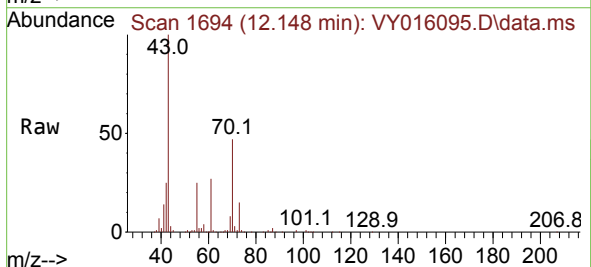
Instrument :
MSVOA_Y
ClientSampleId :

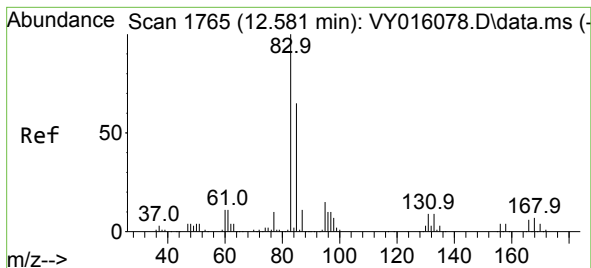
Tgt Ion:105 Resp: 473095
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 50.009 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion: 43 Resp: 117439
Ion Ratio Lower Upper
43 100
70 46.7 29.7 44.5#
55 25.2 18.3 27.5
61 26.3 17.5 26.3#

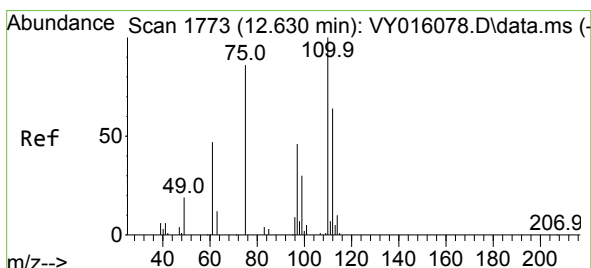
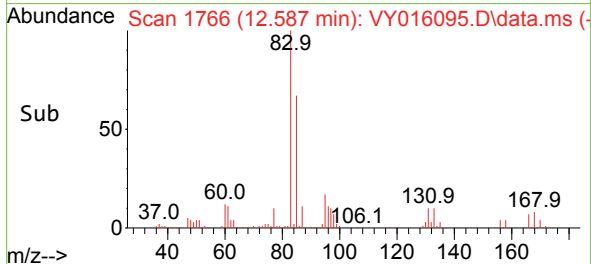
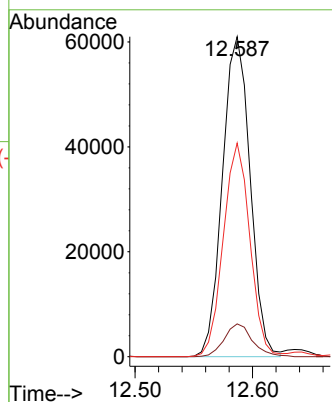
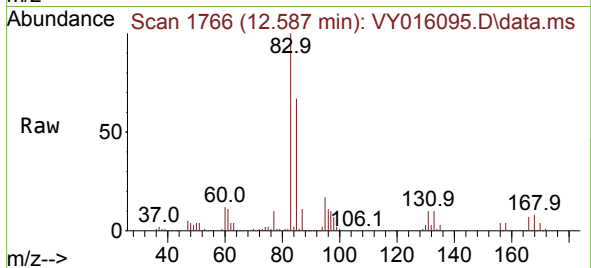




#75
1,1,2,2-Tetrachloroethane
Concen: 50.773 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

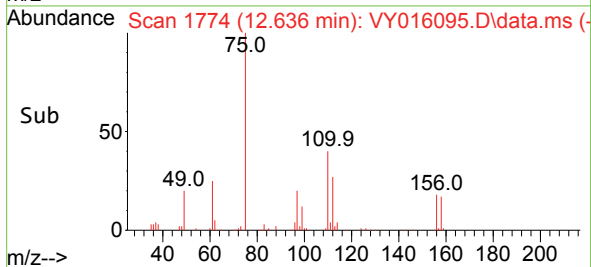
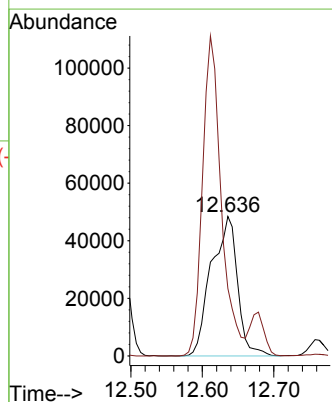
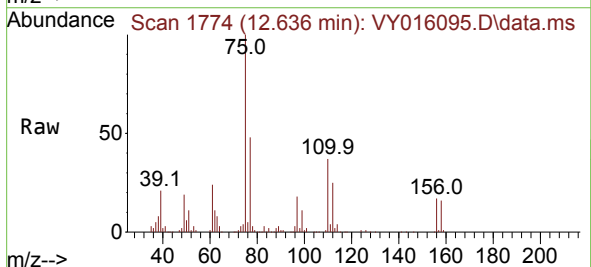
Instrument :
MSVOA_Y
ClientSampleId :

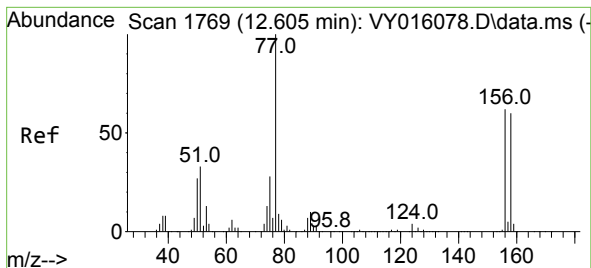
Tgt Ion:	83	Resp:	99957
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.4	16.2
85	64.1	31.8	95.4



#76
1,2,3-Trichloropropane
Concen: 88.405 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion:	75	Resp:	123515
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.086 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

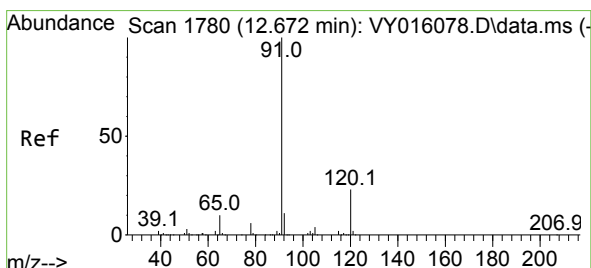
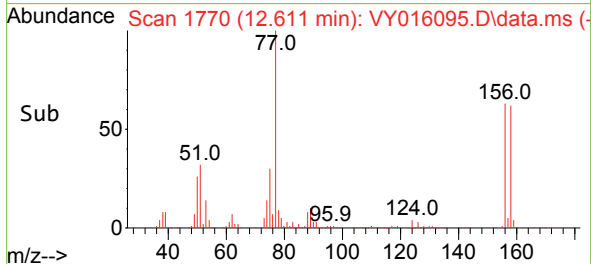
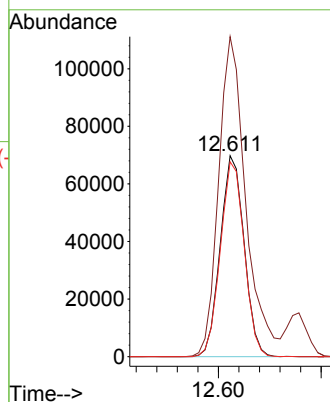
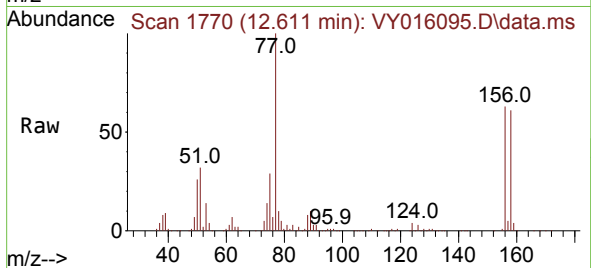
Tgt Ion:156 Resp: 112577

Ion Ratio Lower Upper

156 100

77 181.1 92.8 278.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 49.396 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY016095.D

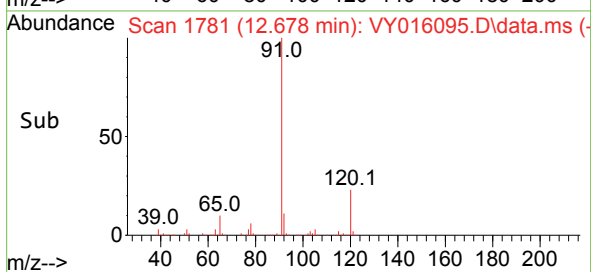
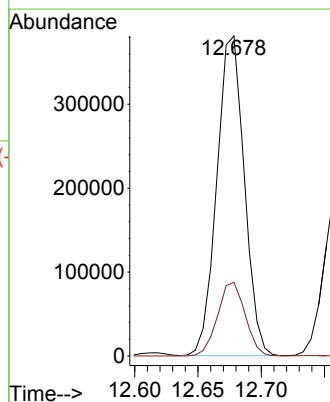
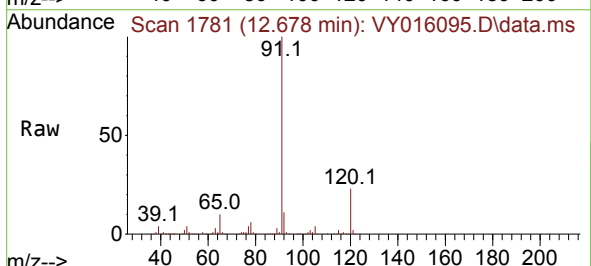
Acq: 27 Oct 2023 10:01

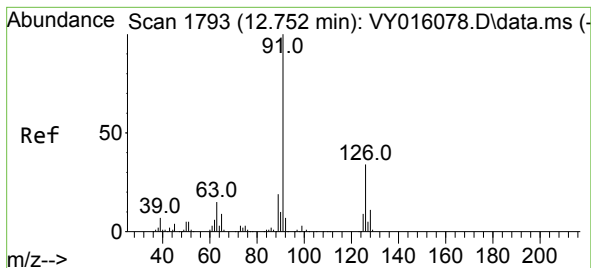
Tgt Ion: 91 Resp: 576008

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.110 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

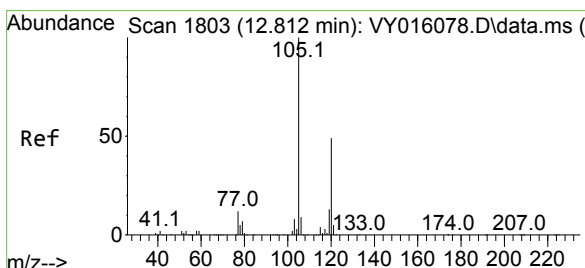
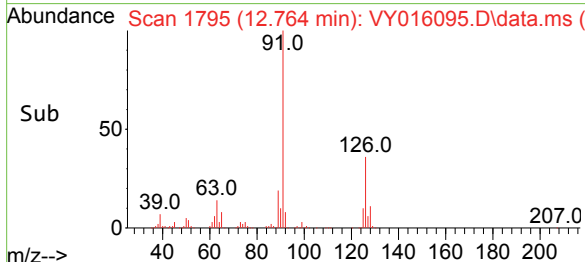
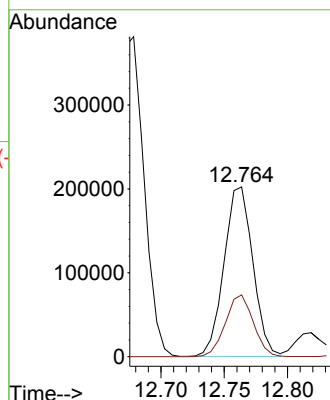
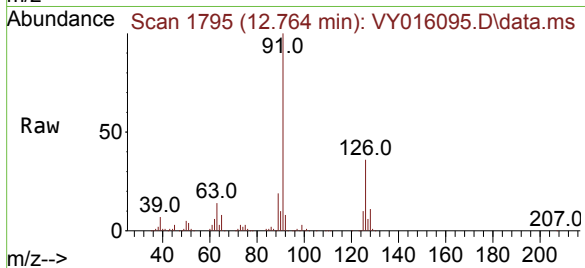
ClientSampleId :

Tgt Ion: 91 Resp: 320730

Ion Ratio Lower Upper

91 100

126 35.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.470 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY016095.D

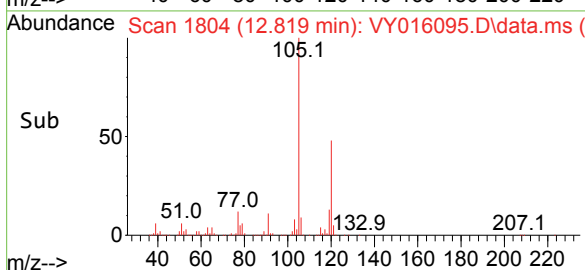
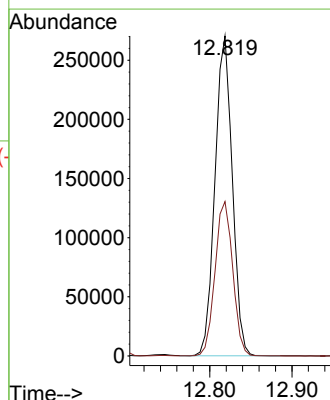
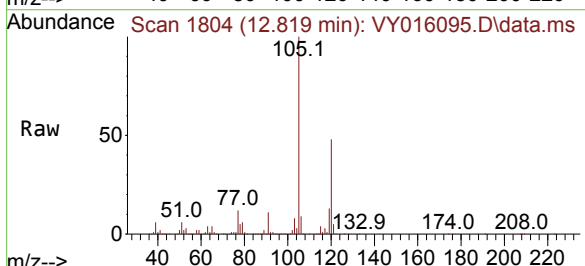
Acq: 27 Oct 2023 10:01

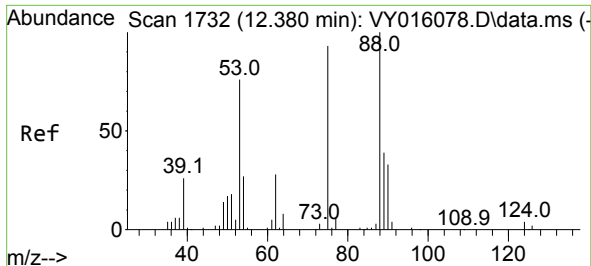
Tgt Ion:105 Resp: 395562

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7

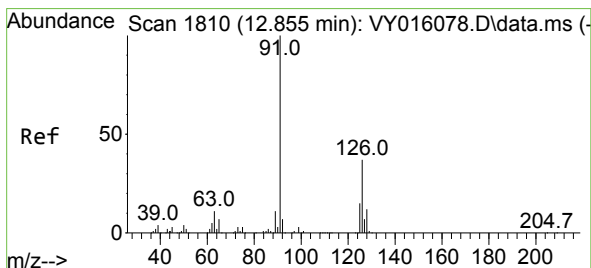
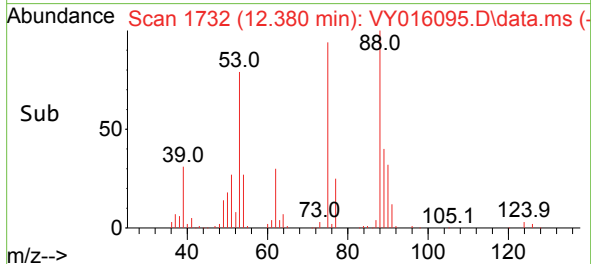
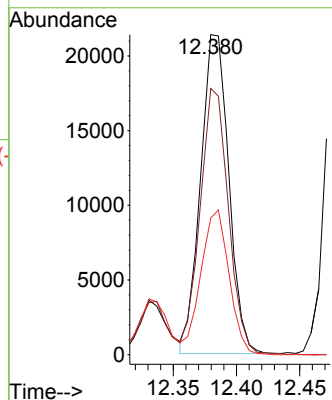
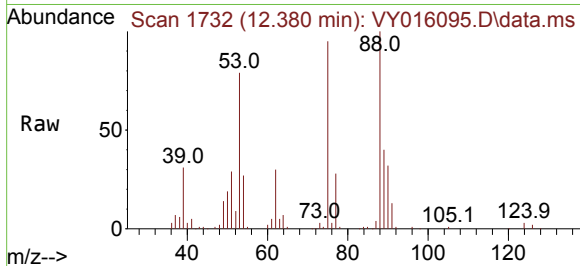




#81
trans-1,4-Dichloro-2-butene
Concen: 51.535 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

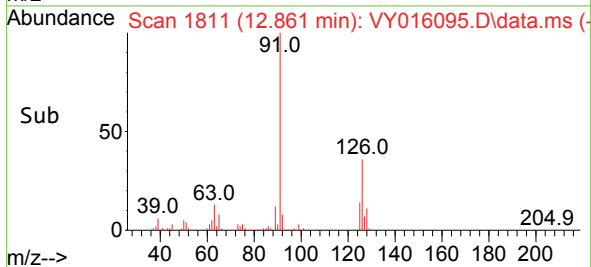
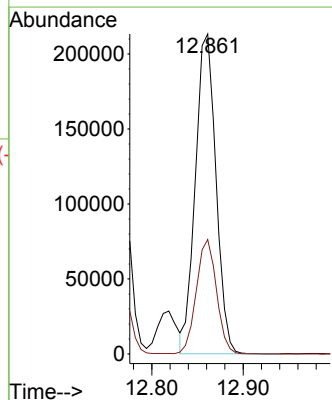
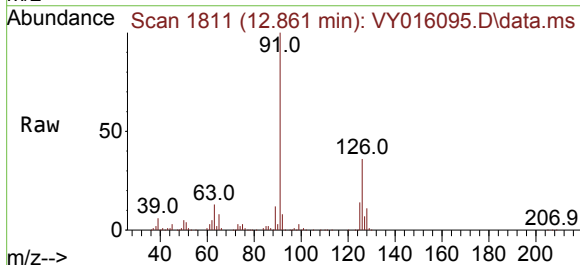
Instrument :
MSVOA_Y
ClientSampleId :

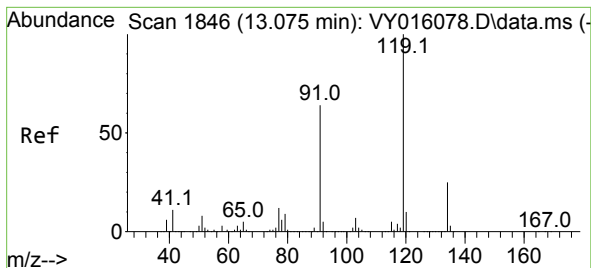
Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.2	77.8	116.8
89	45.5	37.4	56.0



#82
4-Chlorotoluene
Concen: 49.248 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY016095.D
Acq: 27 Oct 2023 10:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.2	51.6





#83

tert-Butylbenzene

Concen: 50.258 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

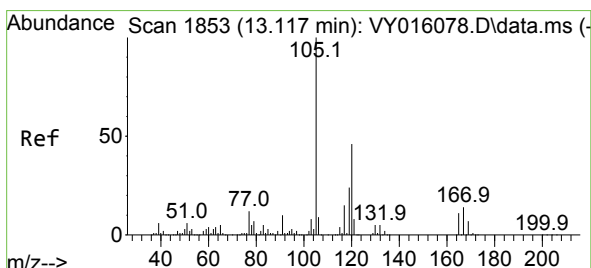
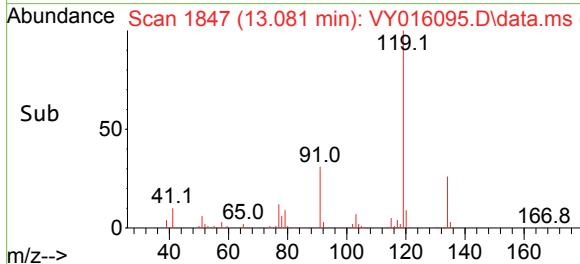
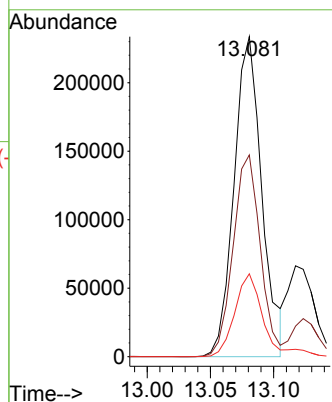
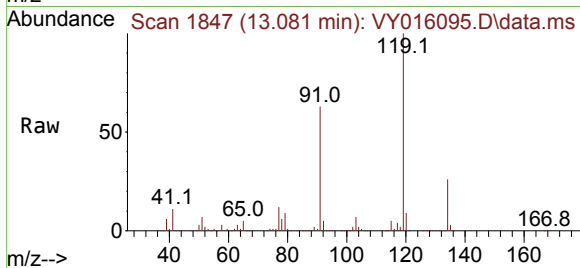
Tgt Ion:119 Resp: 357204

Ion Ratio Lower Upper

119 100

91 61.6 32.9 98.6

134 26.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.971 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016095.D

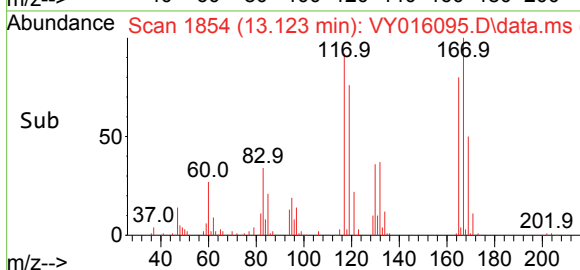
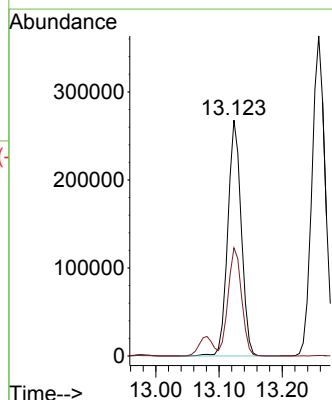
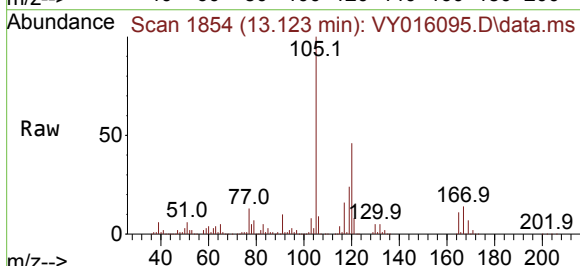
Acq: 27 Oct 2023 10:01

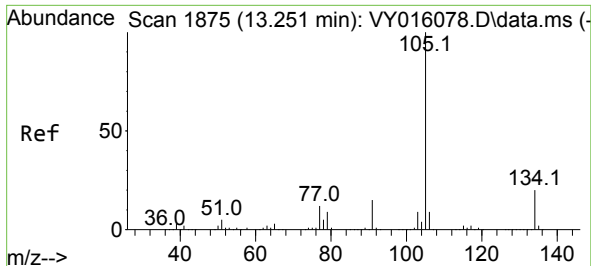
Tgt Ion:105 Resp: 394628

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6

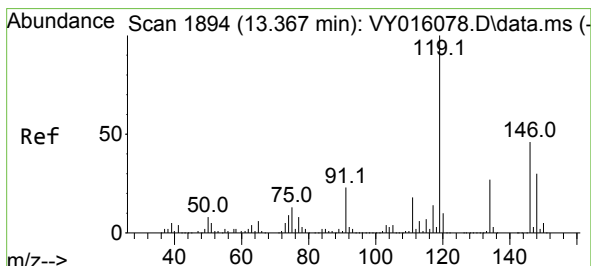
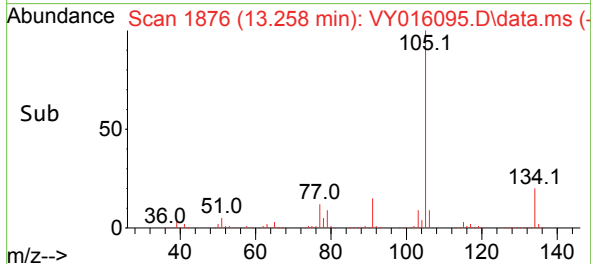
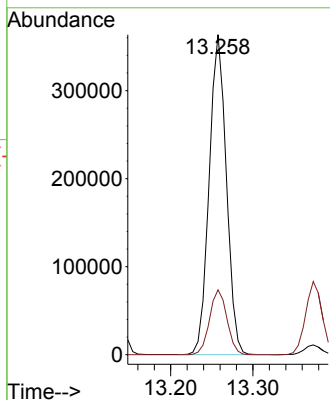
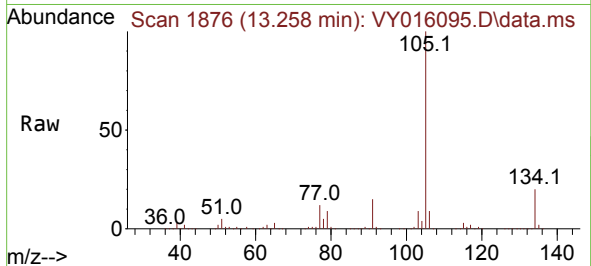




#85
 sec-Butylbenzene
 Concen: 49.857 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY016095.D
 Acq: 27 Oct 2023 10:01

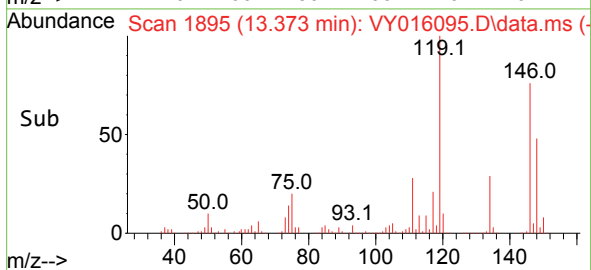
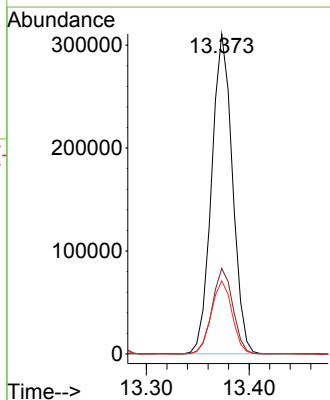
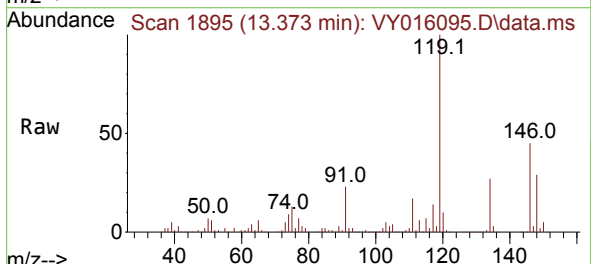
Instrument :
 MSVOA_Y
 ClientSampleId :

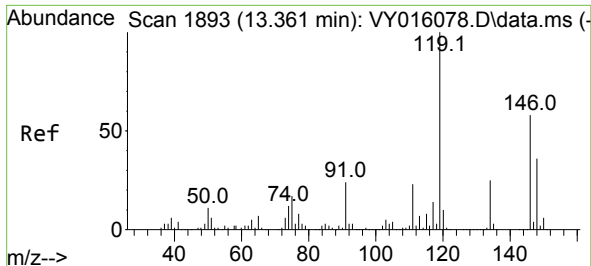
Tgt Ion:105 Resp: 527783
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 49.441 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016095.D
 Acq: 27 Oct 2023 10:01

Tgt Ion:119 Resp: 436721
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.749 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

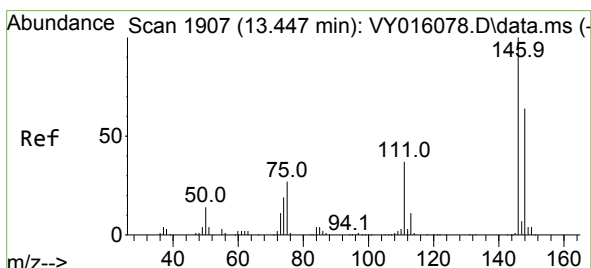
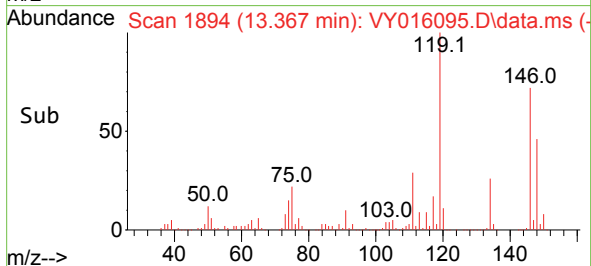
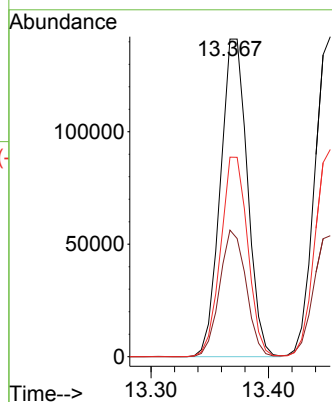
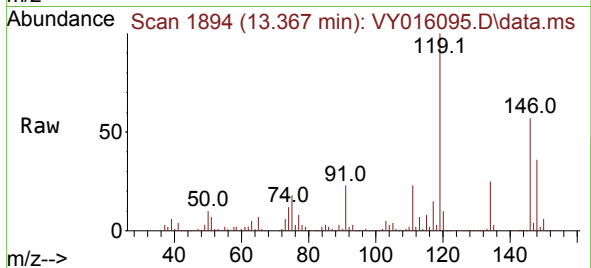
Tgt Ion:146 Resp: 225790

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.347 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

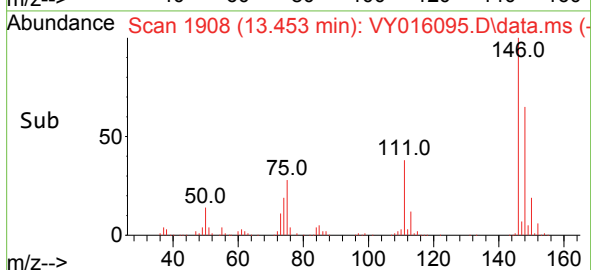
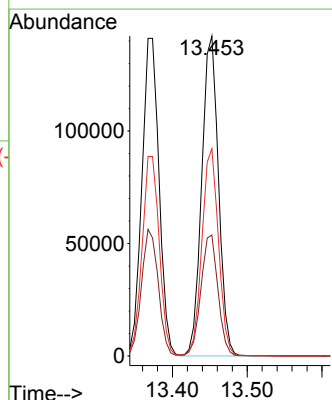
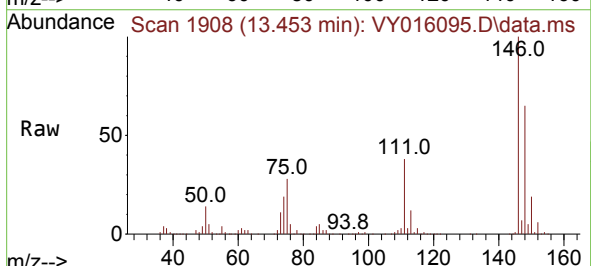
Tgt Ion:146 Resp: 221346

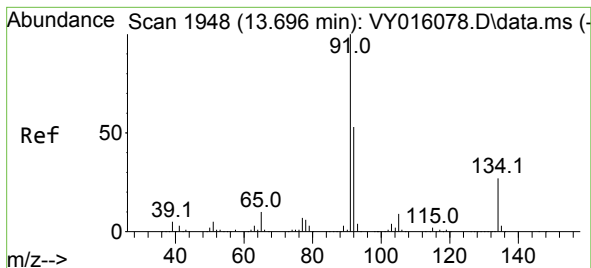
Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 50.227 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

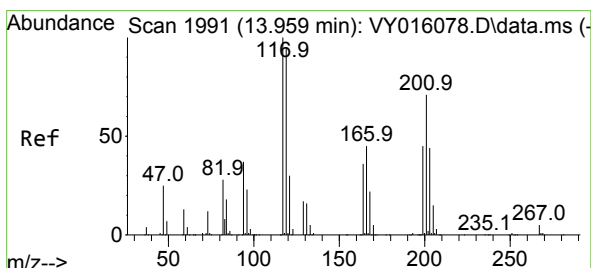
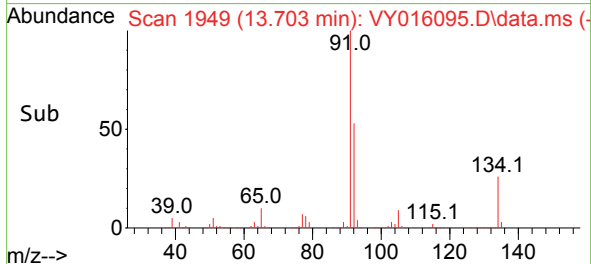
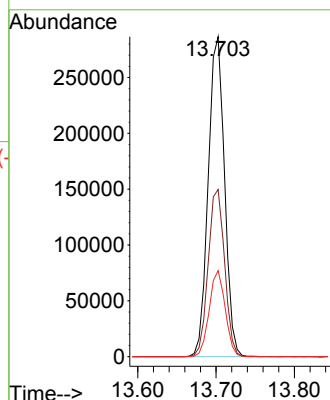
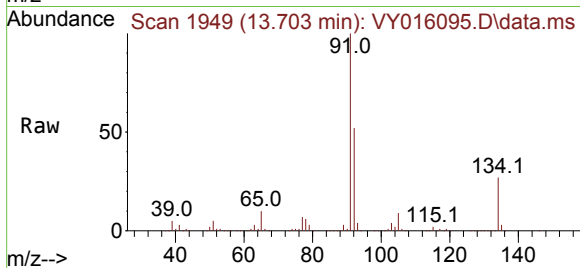
Tgt Ion: 91 Resp: 413868

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 50.071 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY016095.D

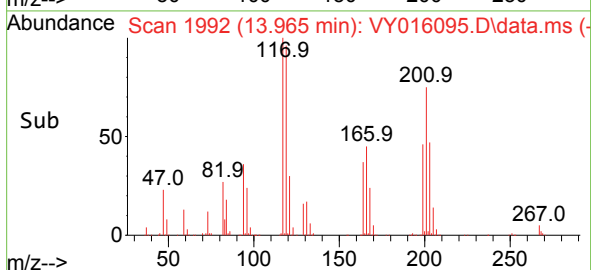
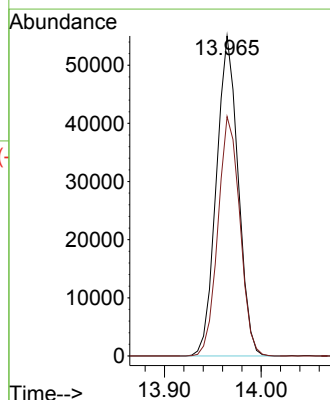
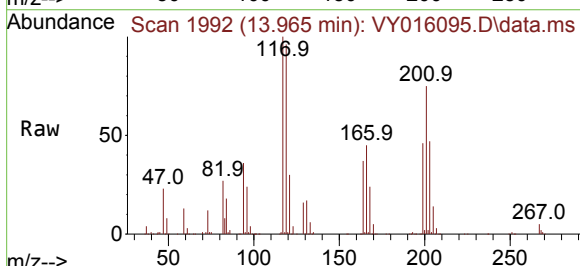
Acq: 27 Oct 2023 10:01

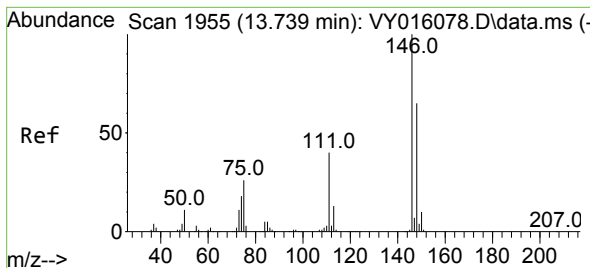
Tgt Ion: 117 Resp: 86109

Ion Ratio Lower Upper

117 100

201 75.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.492 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

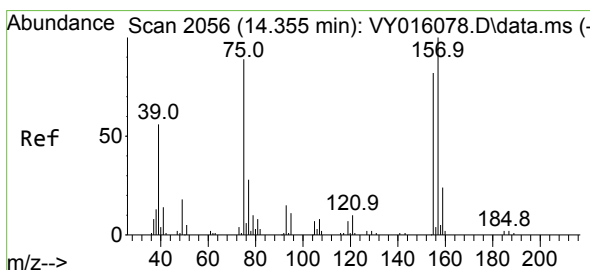
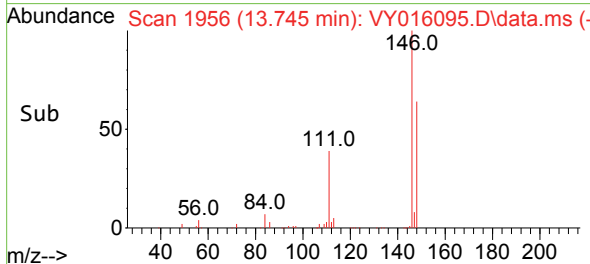
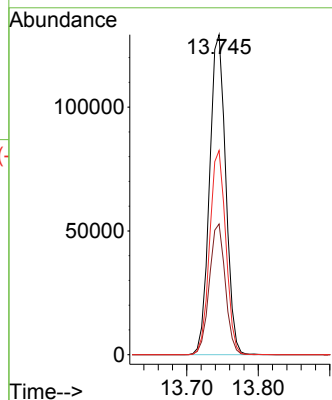
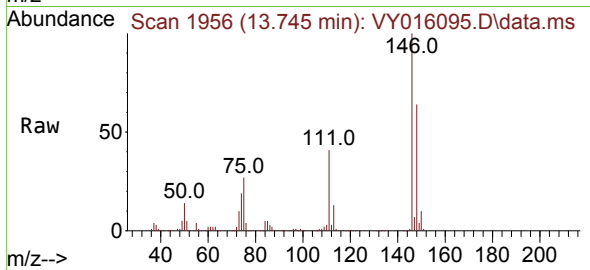
Tgt Ion:146 Resp: 202897

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.179 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

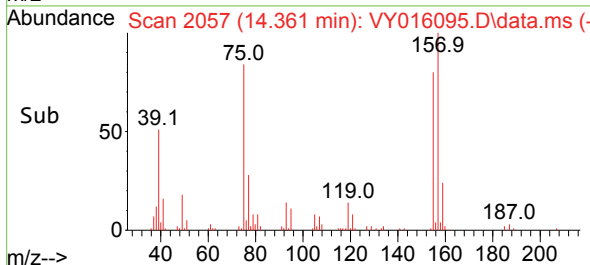
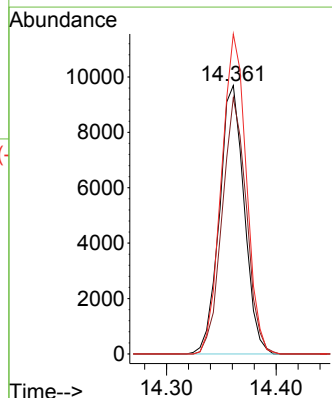
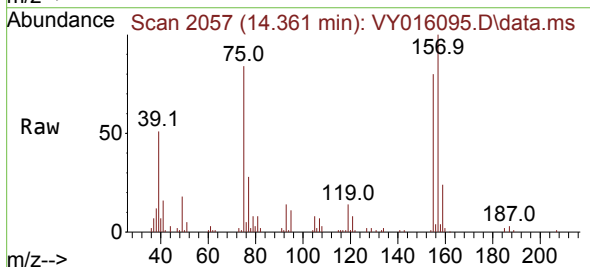
Tgt Ion: 75 Resp: 15200

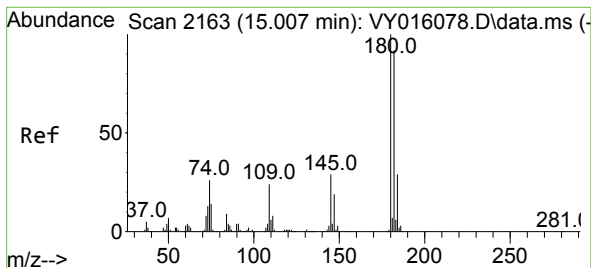
Ion Ratio Lower Upper

75 100

155 93.5 41.5 124.6

157 119.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.320 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

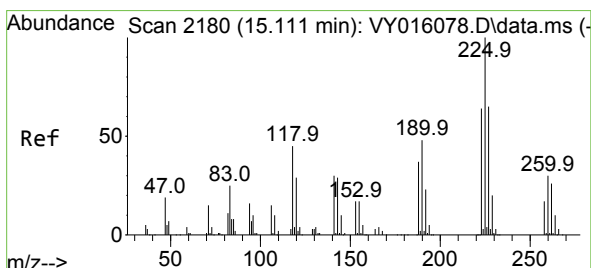
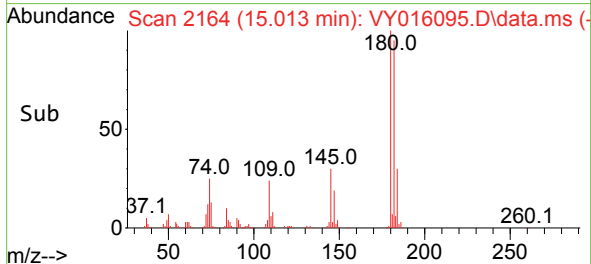
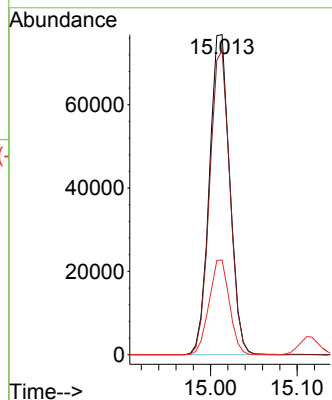
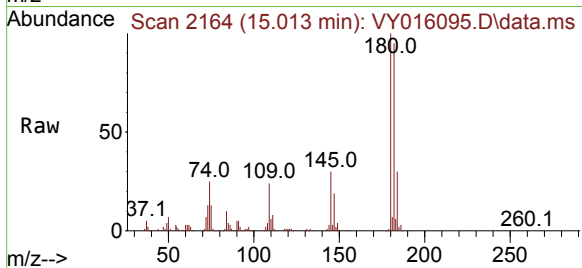
Tgt Ion:180 Resp: 125096

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 49.029 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

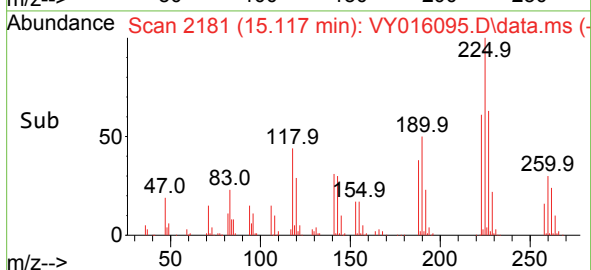
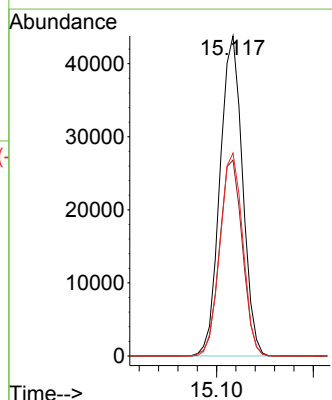
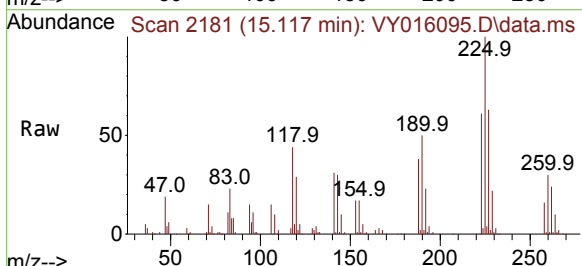
Tgt Ion:225 Resp: 70743

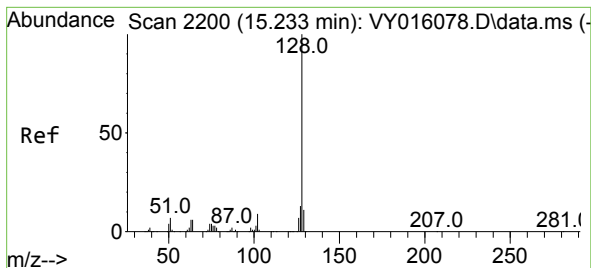
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 50.583 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Instrument :

MSVOA_Y

ClientSampleId :

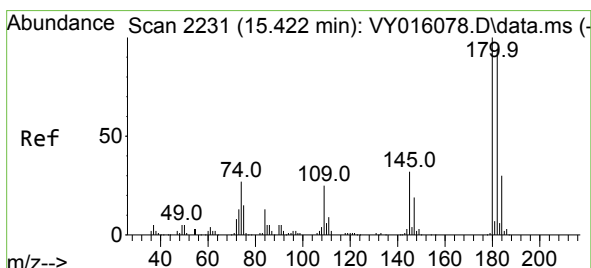
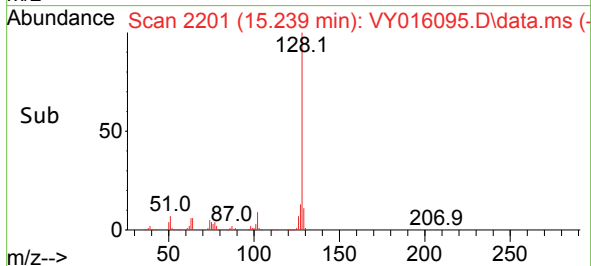
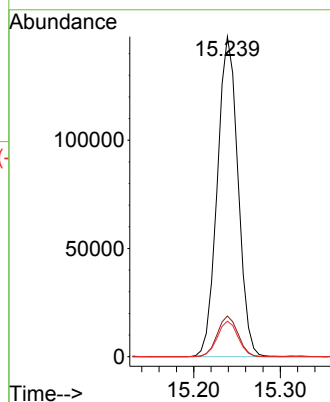
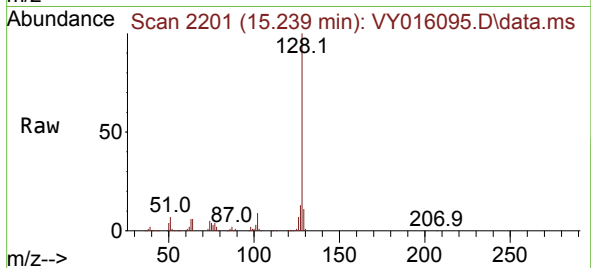
Tgt Ion:128 Resp: 245247

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.015 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016095.D

Acq: 27 Oct 2023 10:01

Tgt Ion:180 Resp: 107226

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 32.6 15.4 46.2

