

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016451.D
 Acq On : 22 Nov 2023 10:12
 Operator : SY/MD
 Sample : VY1122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 04:02:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	156893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	106613	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64670	45.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.722	113	72137	50.754	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.185	98	270596	46.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.900%
62) 4-Bromofluorobenzene	12.489	95	91120	48.676	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.360%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	35106	22.852	ug/l	99
3) Chloromethane	2.113	50	36400	20.231	ug/l	97
4) Vinyl Chloride	2.253	62	37830	19.554	ug/l	96
5) Bromomethane	2.650	94	25833	20.318	ug/l	98
6) Chloroethane	2.796	64	24448	19.804	ug/l	93
7) Trichlorofluoromethane	3.125	101	62145	22.079	ug/l	96
8) Diethyl Ether	3.527	74	16715	19.869	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.899	101	35920	21.188	ug/l	96
10) Methyl Iodide	4.094	142	38647	21.108	ug/l	99
11) Tert butyl alcohol	4.954	59	10089	89.849	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	33646	21.222	ug/l	84
13) Acrolein	3.729	56	9187	67.831	ug/l	98
14) Allyl chloride	4.485	41	41117	18.275	ug/l #	88
15) Acrylonitrile	5.167	53	30966	92.755	ug/l	97
16) Acetone	3.942	43	32481	136.940	ug/l #	89
17) Carbon Disulfide	4.198	76	102474	21.422	ug/l	99
18) Methyl Acetate	4.472	43	21556	17.103	ug/l #	84
19) Methyl tert-butyl Ether	5.228	73	74372	19.381	ug/l	95
20) Methylene Chloride	4.722	84	47701	26.857	ug/l #	83
21) trans-1,2-Dichloroethene	5.222	96	38972	21.349	ug/l	89
22) Diisopropyl ether	6.125	45	88655	18.284	ug/l #	86
23) Vinyl Acetate	6.064	43	207005	88.108	ug/l #	89
24) 1,1-Dichloroethane	6.021	63	60024	20.066	ug/l	95
25) 2-Butanone	6.990	43	45063	108.467	ug/l #	89
26) 2,2-Dichloropropane	6.990	77	56365	20.704	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	42081	21.390	ug/l	85
28) Bromochloromethane	7.344	49	20625	18.630	ug/l #	76
29) Tetrahydrofuran	7.356	42	23045	83.922	ug/l #	82
30) Chloroform	7.515	83	65012	20.880	ug/l	95
31) Cyclohexane	7.795	56	54156	19.183	ug/l	84
32) 1,1,1-Trichloroethane	7.710	97	61811	21.657	ug/l	96
36) 1,1-Dichloropropene	7.923	75	51279	20.778	ug/l	98
37) Ethyl Acetate	7.076	43	17633	17.683	ug/l #	90
38) Carbon Tetrachloride	7.905	117	56947	22.233	ug/l	97
39) Methylcyclohexane	9.191	83	63014	20.491	ug/l	88
40) Benzene	8.167	78	146752	21.165	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	10206	20.299	ug/l #	88
42) 1,2-Dichloroethane	8.246	62	36634	20.391	ug/l	93
43) Isopropyl Acetate	8.277	43	32845	17.040	ug/l #	93
44) Trichloroethene	8.947	130	43544	21.851	ug/l	94
45) 1,2-Dichloropropane	9.222	63	34212	20.545	ug/l	98
46) Dibromomethane	9.313	93	18898	20.942	ug/l	99
47) Bromodichloromethane	9.502	83	48344	20.838	ug/l	96
48) Methyl methacrylate	9.301	41	17859	16.765	ug/l #	78
49) 1,4-Dioxane	9.301	88	3869	403.854	ug/l #	66
51) 4-Methyl-2-Pentanone	10.075	43	84370	86.559	ug/l #	87
52) Toluene	10.252	92	94190	21.490	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	45264	20.126	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	55313	20.592	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	25986	20.893	ug/l	94
56) Ethyl methacrylate	10.514	69	22496	19.160	ug/l #	79
57) 1,3-Dichloropropane	10.794	76	44189	20.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	69665	87.507	ug/l #	90
59) 2-Hexanone	10.837	43	70518	97.265	ug/l	82
60) Dibromochloromethane	10.990	129	34423	22.130	ug/l	100
61) 1,2-Dibromoethane	11.093	107	25240	21.301	ug/l	100
64) Tetrachloroethene	10.727	164	43101	21.775	ug/l	95
65) Chlorobenzene	11.526	112	100358	21.308	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	37902	21.818	ug/l	99
67) Ethyl Benzene	11.599	91	175867	20.777	ug/l	98
68) m/p-Xylenes	11.709	106	137904	42.954	ug/l	94
69) o-Xylene	12.038	106	63861	21.424	ug/l	95
70) Styrene	12.050	104	92004	21.556	ug/l	98
71) Bromoform	12.215	173	19228	21.331	ug/l #	99
73) Isopropylbenzene	12.337	105	175157	20.288	ug/l	99
74) N-amyl acetate	12.148	43	27495	15.855	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	25901	18.697	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	34723	33.951	ug/l #	100
77) Bromobenzene	12.617	156	40508	20.760	ug/l	89
78) n-propylbenzene	12.678	91	204104	20.005	ug/l	99
79) 2-Chlorotoluene	12.764	91	112928	20.084	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	144446	20.752	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	8715	18.496	ug/l	88
82) 4-Chlorotoluene	12.861	91	117297	20.189	ug/l	98
83) tert-Butylbenzene	13.081	119	127273	20.759	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	141294	20.616	ug/l	97
85) sec-Butylbenzene	13.264	105	178913	20.426	ug/l	99
86) p-Isopropyltoluene	13.379	119	157567	20.892	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	78324	20.865	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	77747	21.192	ug/l	99
89) n-Butylbenzene	13.703	91	139924	20.089	ug/l	96
90) Hexachloroethane	13.971	117	29777	20.467	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	67145	20.874	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3896	17.676	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	39256	20.907	ug/l	99
94) Hexachlorobutadiene	15.123	225	24476	22.753	ug/l	99
95) Naphthalene	15.245	128	64053	19.074	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	32149	20.701	ug/l	98

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QLast Update : Thu Nov 09 00:45:52 2023
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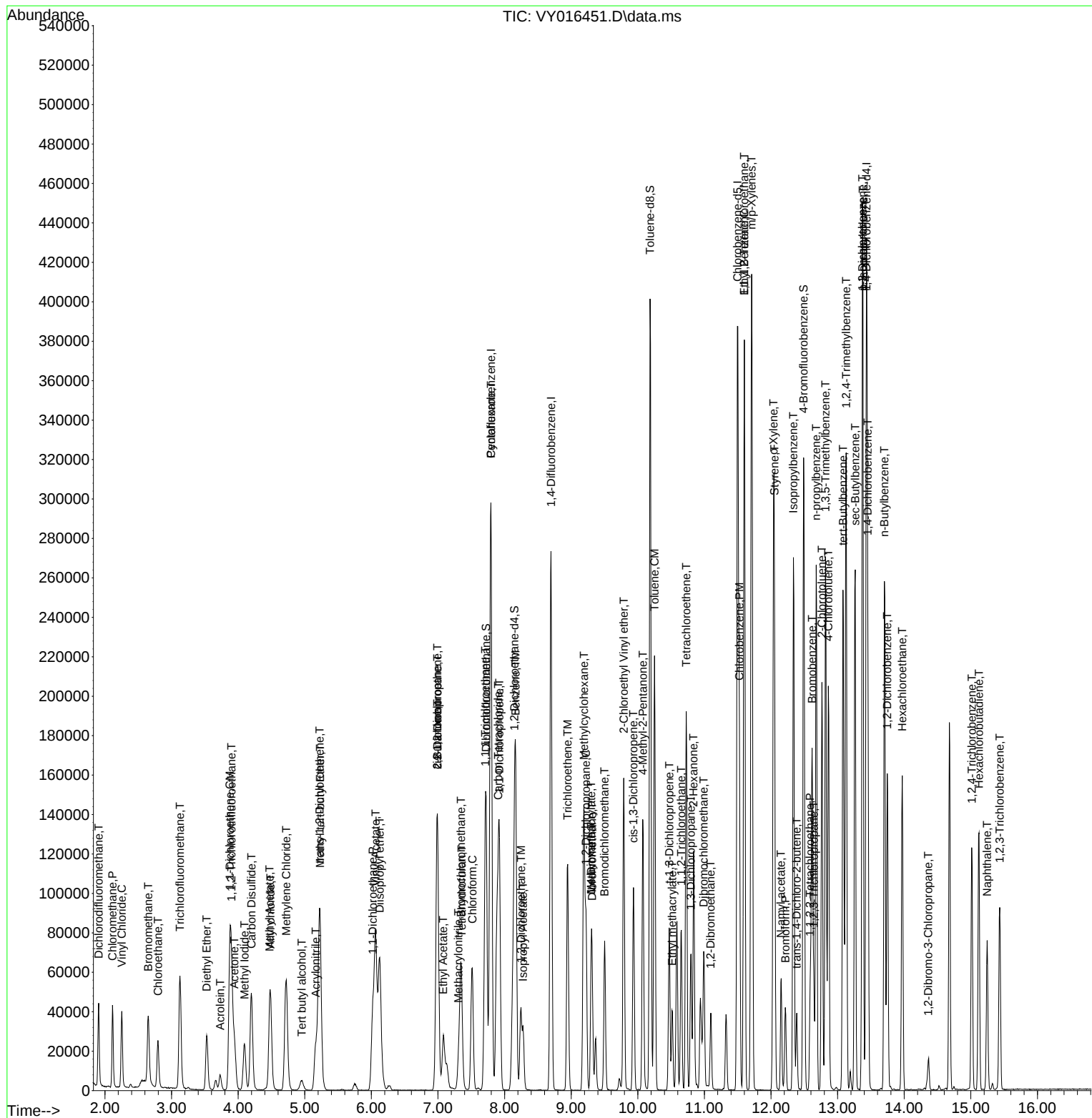
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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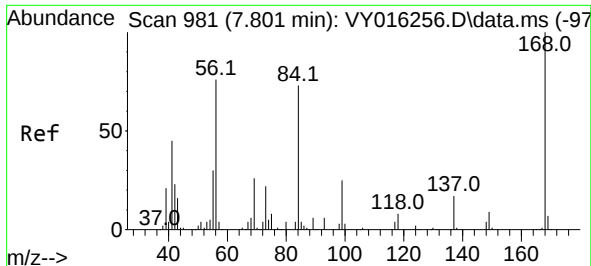
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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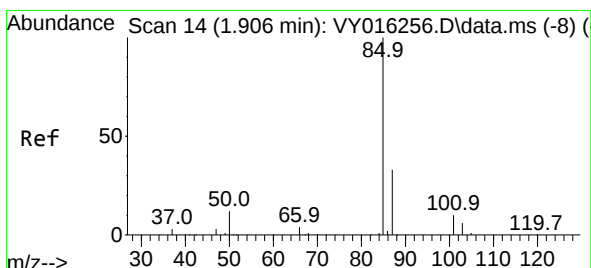
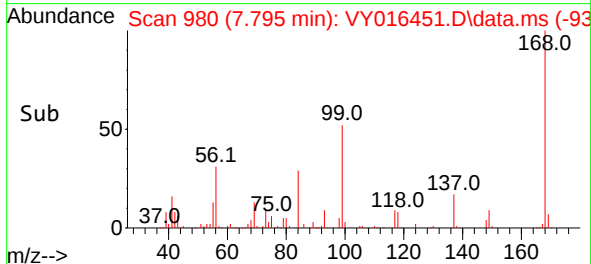
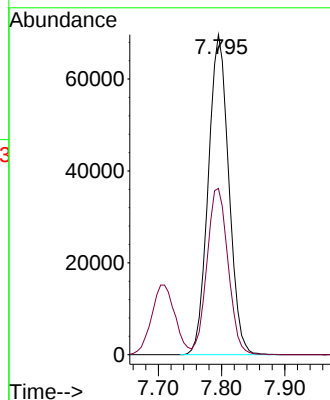
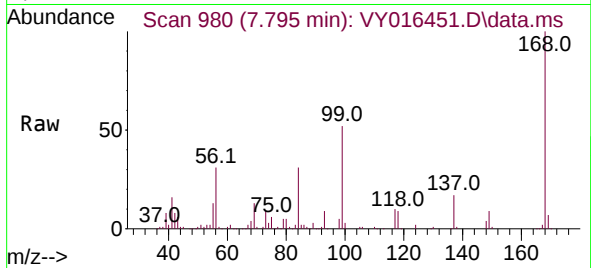




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016451.D
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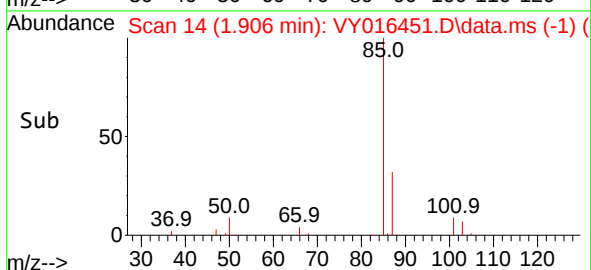
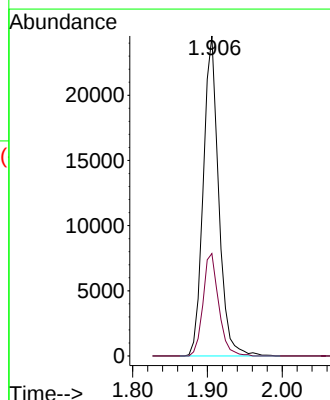
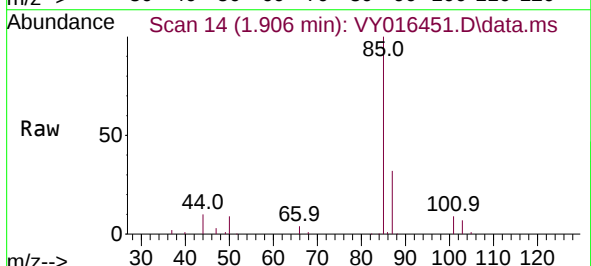
Instrument :
MSVOA_Y
ClientSampleId :

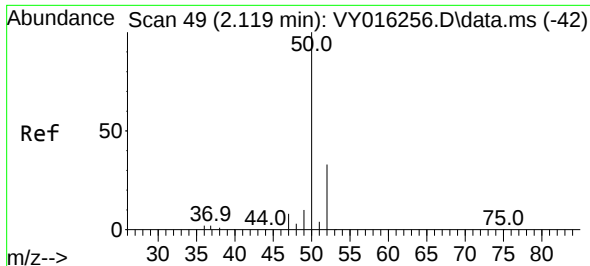
Tgt Ion:168 Resp: 156893
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.852 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 85 Resp: 35106
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.8

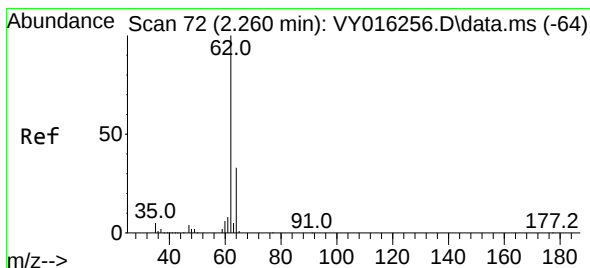
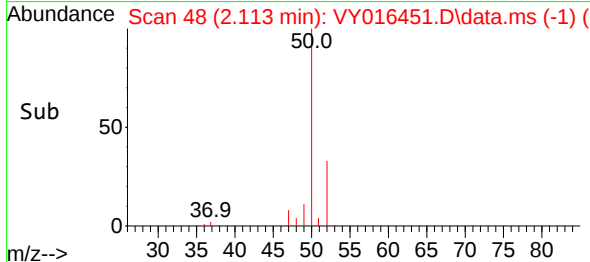
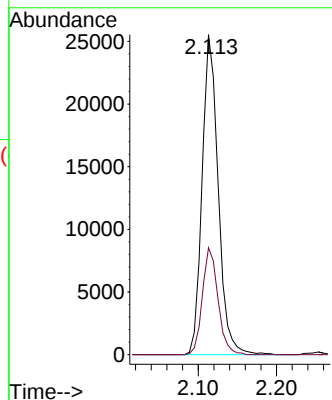
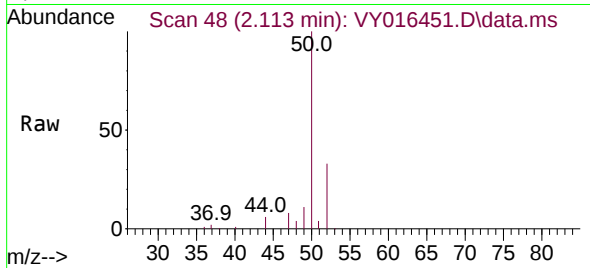




#3
Chloromethane
Concen: 20.231 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

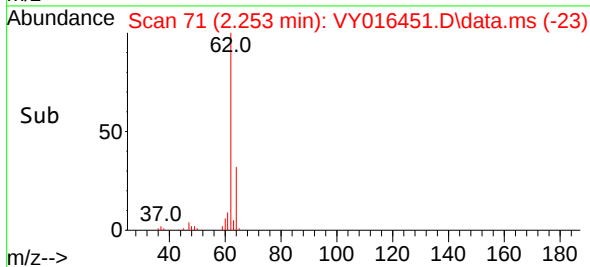
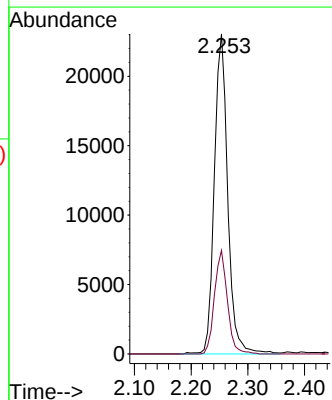
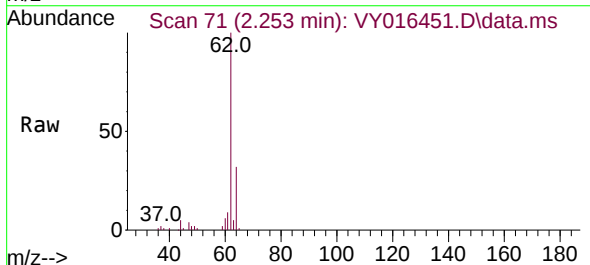
Instrument :
MSVOA_Y
ClientSampleId :

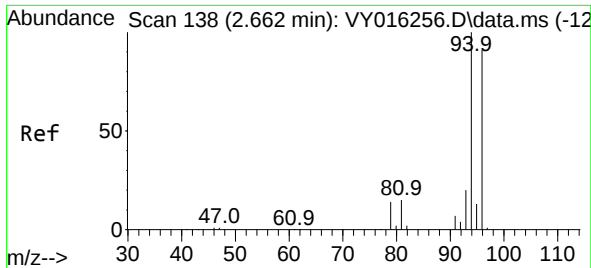
Tgt Ion: 50 Resp: 36400
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 19.554 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 62 Resp: 37830
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5

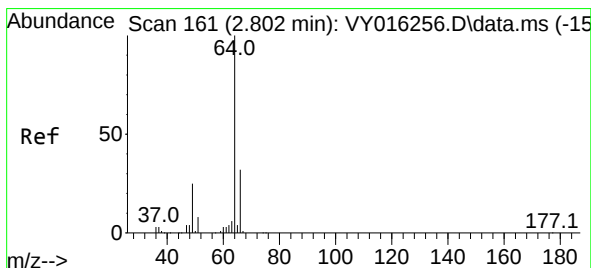
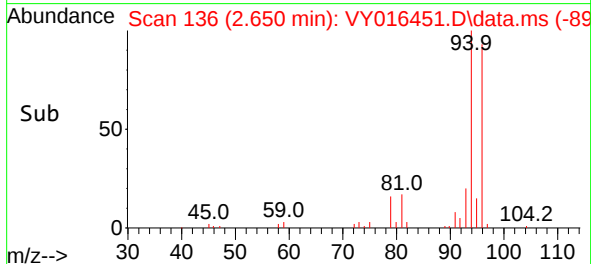
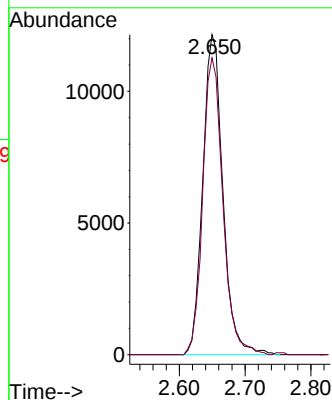
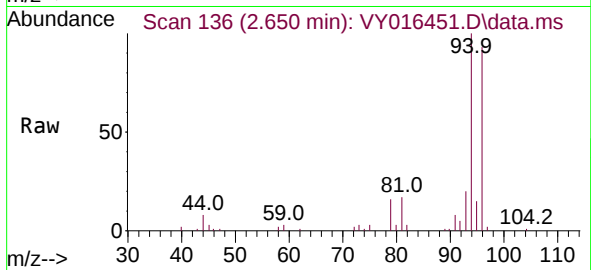




#5
Bromomethane
Concen: 20.318 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016451.D
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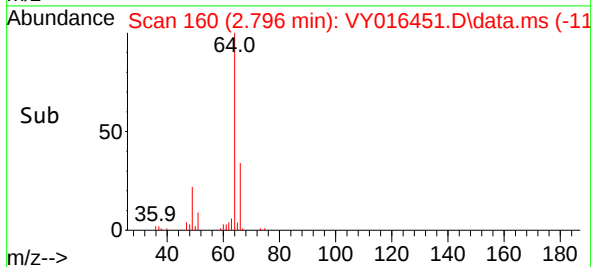
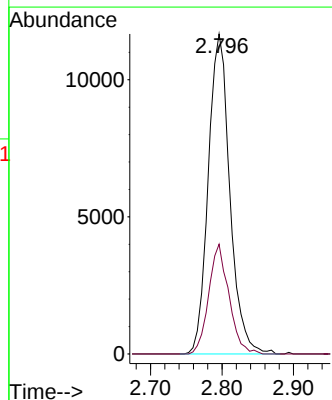
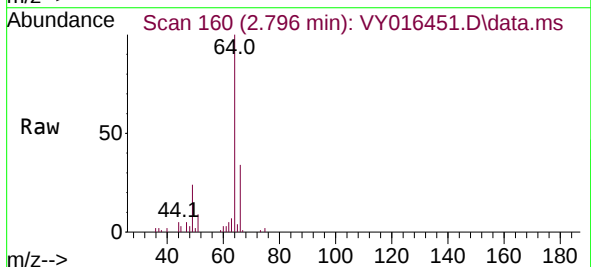
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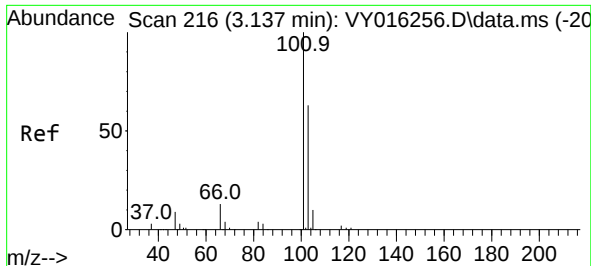
Tgt Ion: 94 Resp: 25833
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.6



#6
Chloroethane
Concen: 19.804 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 64 Resp: 24448
Ion Ratio Lower Upper
64 100
66 34.3 24.4 36.6

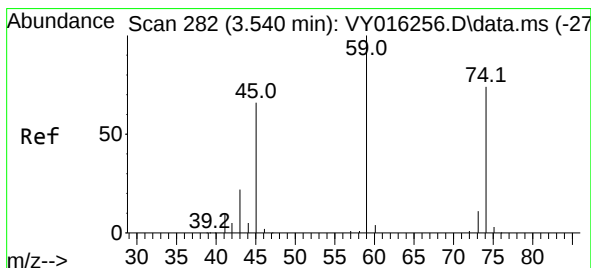
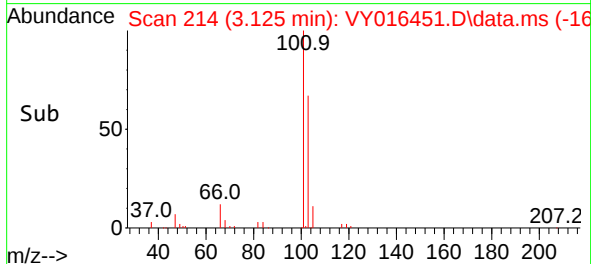
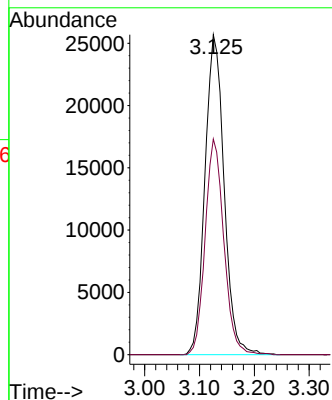
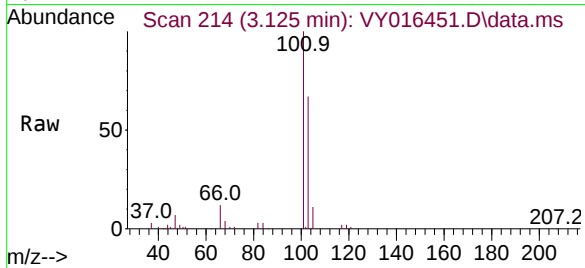




#7
Trichlorofluoromethane
Concen: 22.079 ug/l
RT: 3.125 min Scan# 216
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

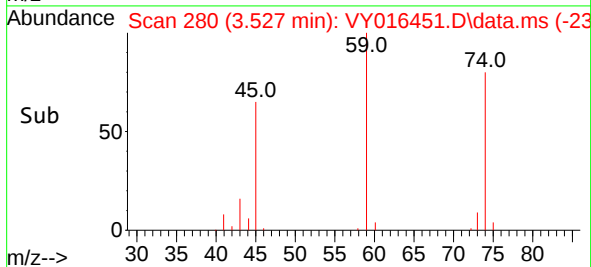
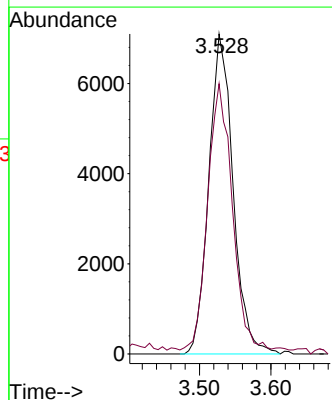
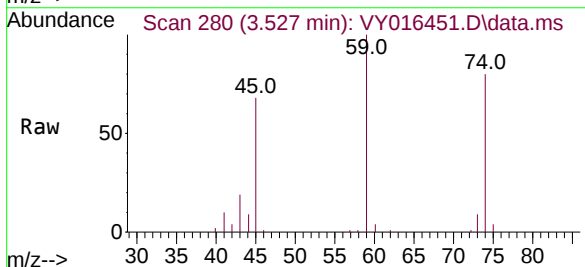
Instrument :
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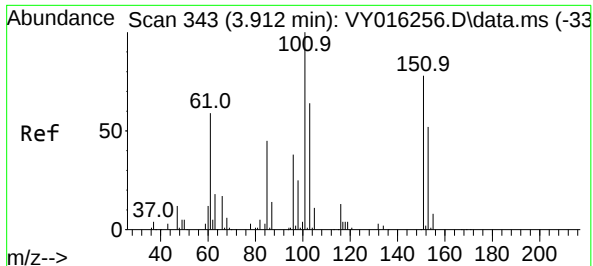
Tgt Ion:101 Resp: 62145
Ion Ratio Lower Upper
101 100
103 67.4 51.4 77.0



#8
Diethyl Ether
Concen: 19.869 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 74 Resp: 16715
Ion Ratio Lower Upper
74 100
45 83.9 51.5 154.5

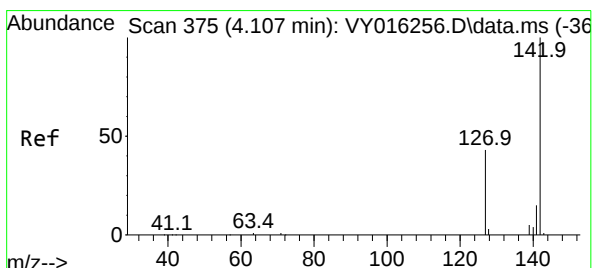
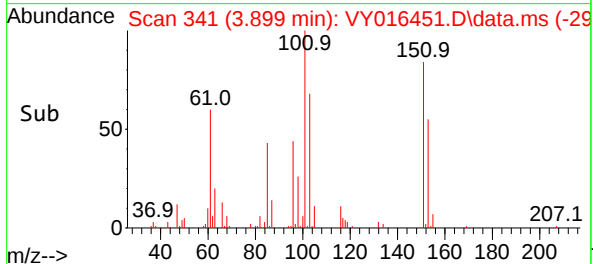
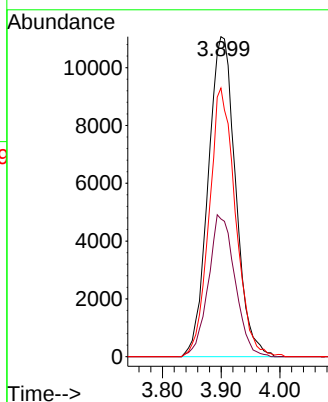
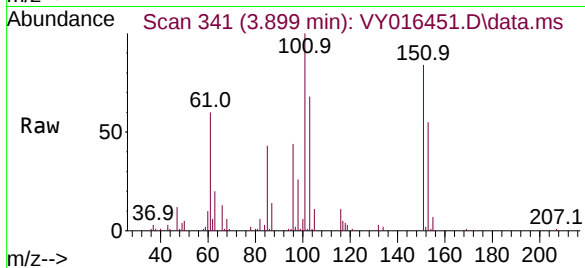




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.188 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

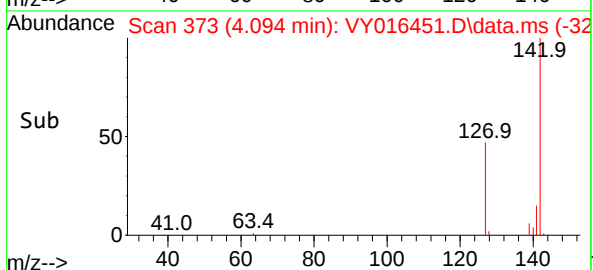
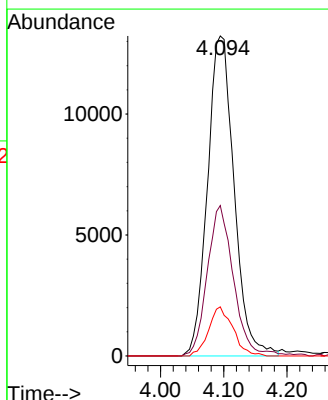
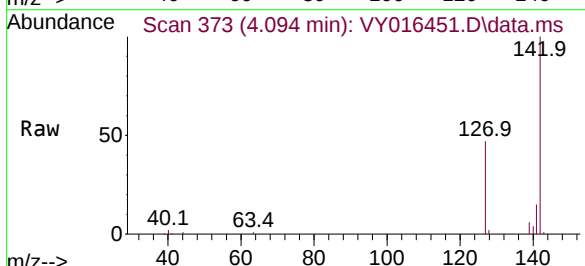
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	101	Resp:	35920
Ion	Ratio	Lower	Upper
101	100		
85	43.1	36.6	55.0
151	80.7	67.0	100.6



#10
Methyl Iodide
Concen: 21.108 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion:	142	Resp:	38647
Ion	Ratio	Lower	Upper
142	100		
127	46.3	37.6	56.4
141	14.0	11.8	17.8

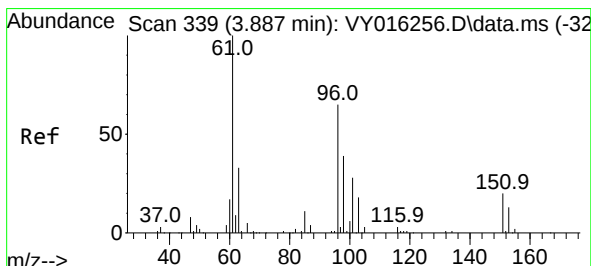
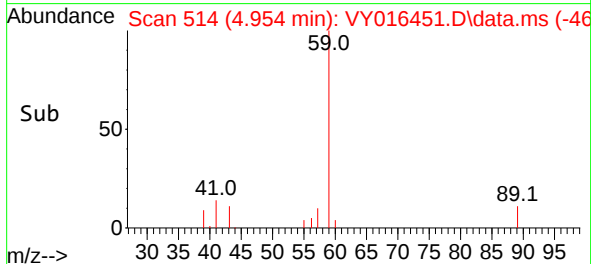
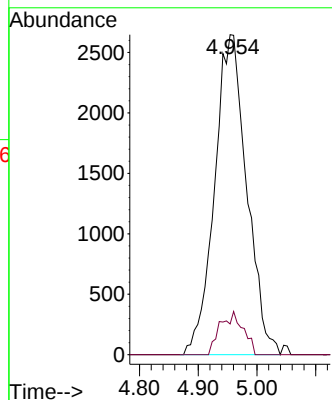
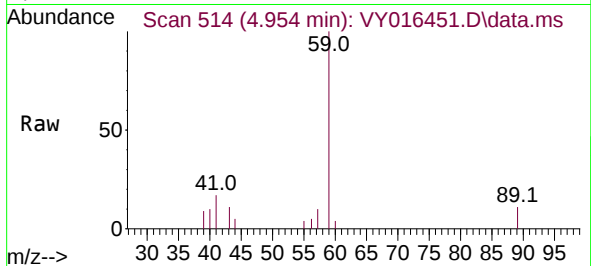




#11
Tert butyl alcohol
Concen: 89.849 ug/l
RT: 4.954 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

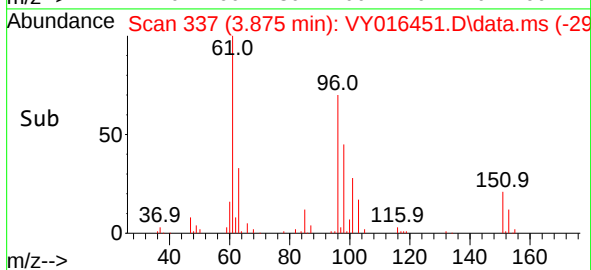
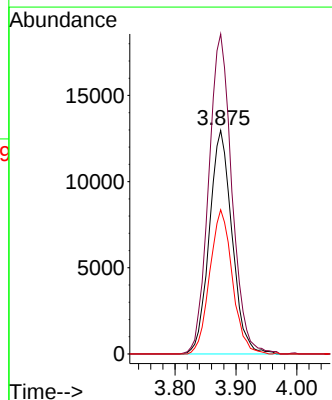
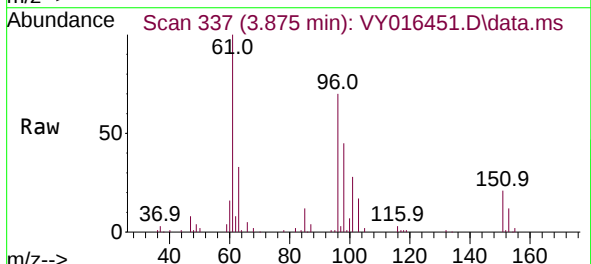
Instrument :
MSVOA_Y
ClientSampleId :

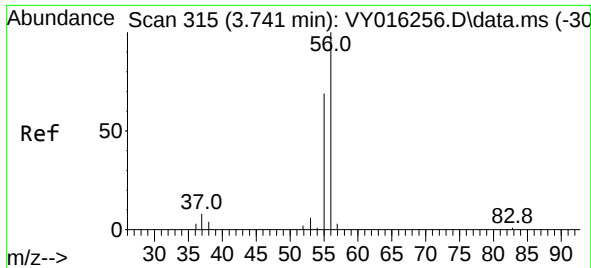
Tgt Ion: 59 Resp: 10089
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.222 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 96 Resp: 33646
Ion Ratio Lower Upper
96 100
61 143.2 136.4 204.6
98 64.5 49.4 74.2

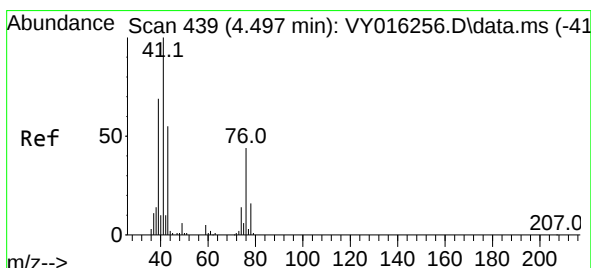
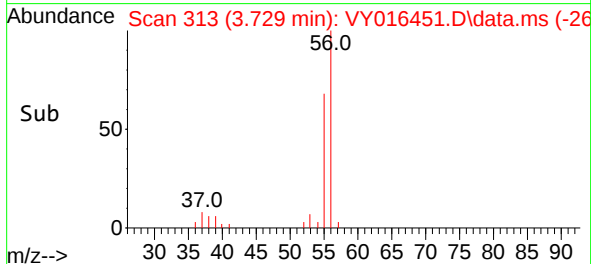
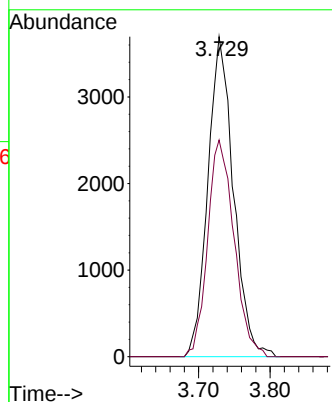
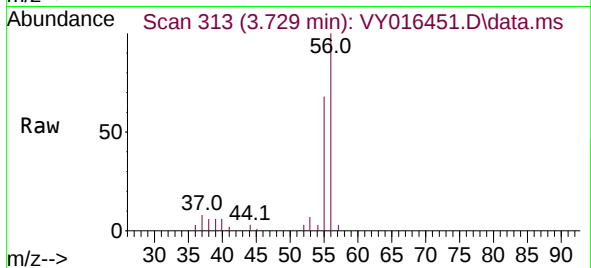




#13
Acrolein
Concen: 67.831 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

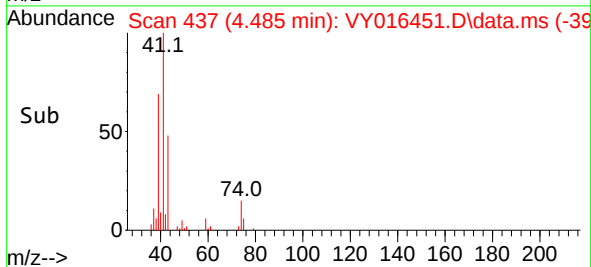
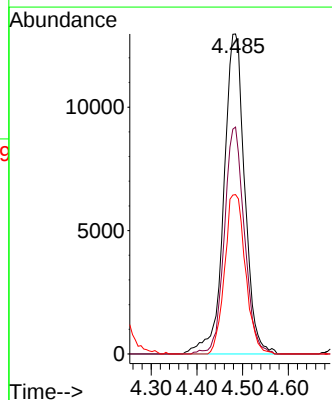
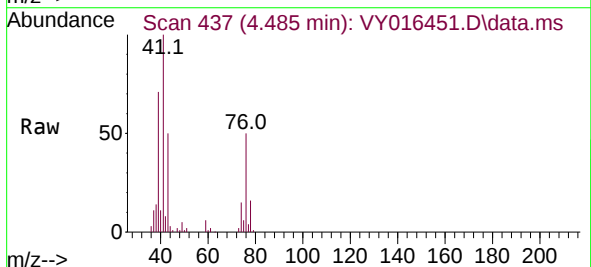
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 9187
Ion Ratio Lower Upper
56 100
55 69.8 57.0 85.4



#14
Allyl chloride
Concen: 18.275 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

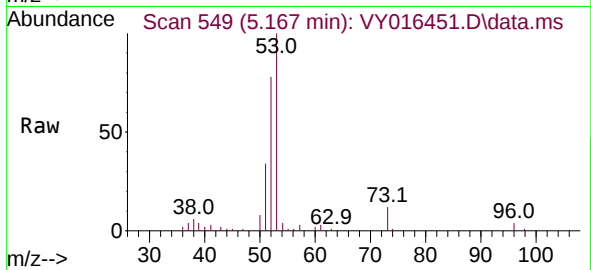
Tgt Ion: 41 Resp: 41117
Ion Ratio Lower Upper
41 100
39 68.2 58.0 87.0
76 49.5 27.4 41.2#



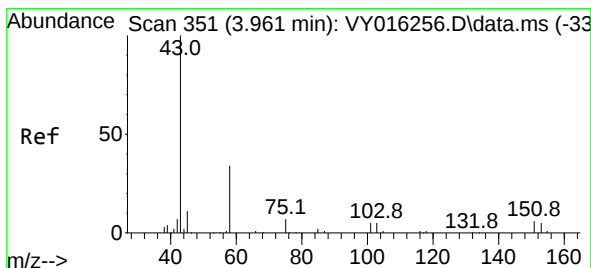
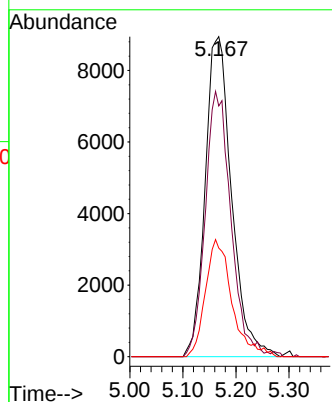
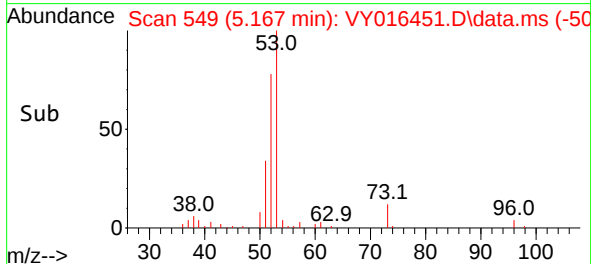


#15
Acrylonitrile
Concen: 92.755 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

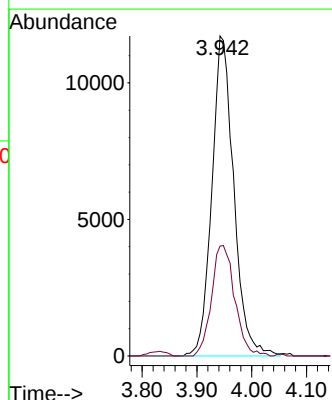
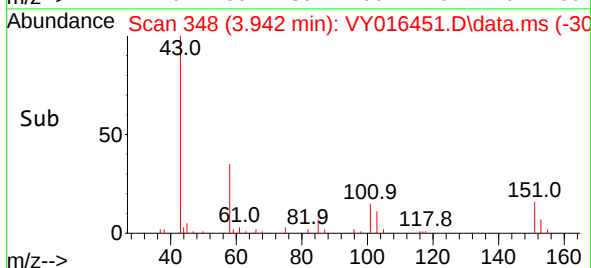
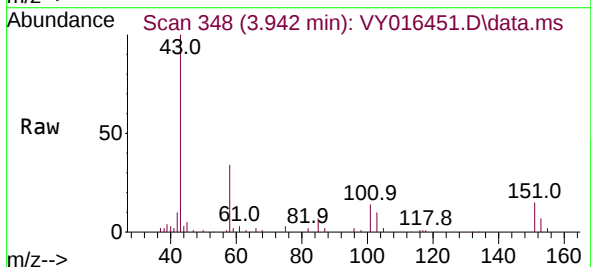


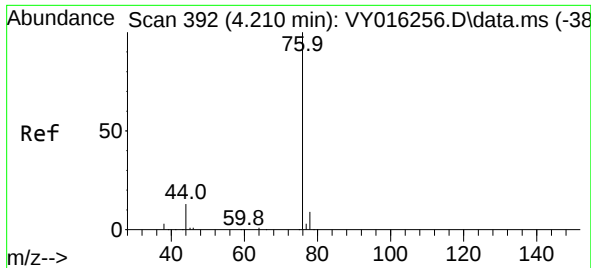
Tgt Ion: 53 Resp: 30966
Ion Ratio Lower Upper
53 100
52 80.4 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 136.940 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 43 Resp: 32481
Ion Ratio Lower Upper
43 100
58 34.3 22.7 34.1#





#17

Carbon Disulfide

Concen: 21.422 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

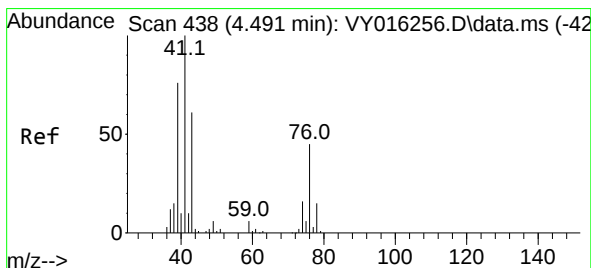
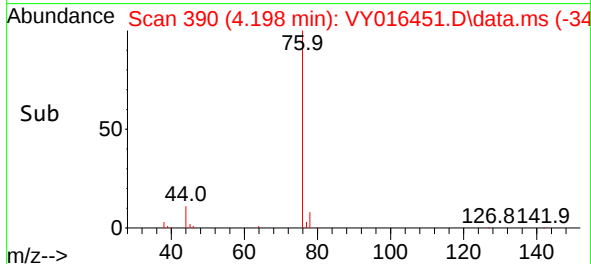
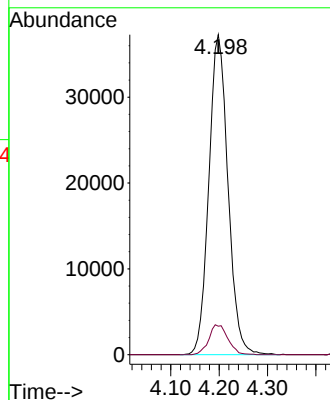
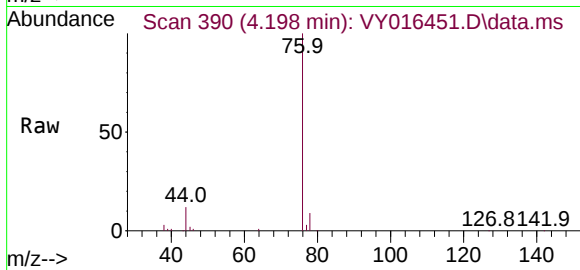
ClientSampleId :

Tgt Ion: 76 Resp: 102474

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 17.103 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.018 min

Lab File: VY016451.D

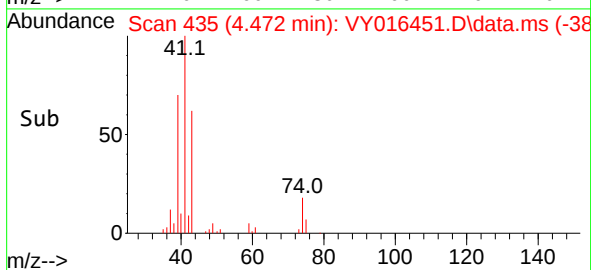
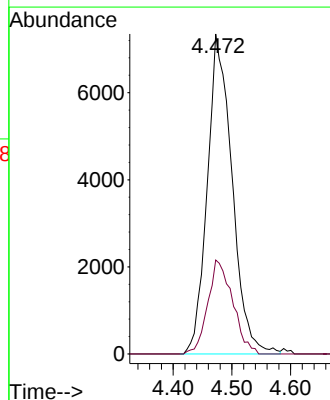
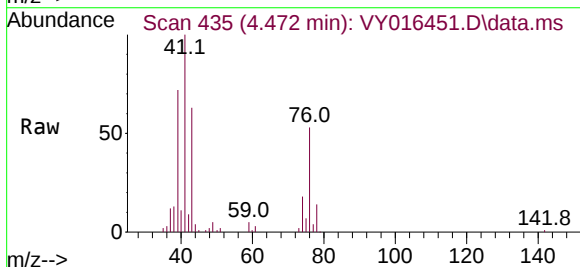
Acq: 22 Nov 2023 10:12

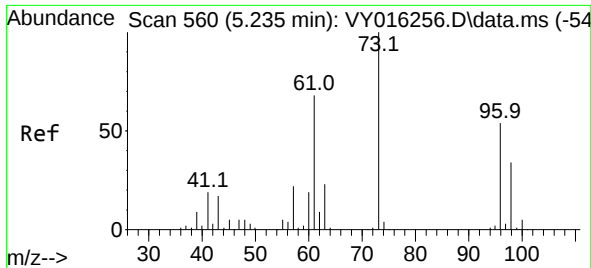
Tgt Ion: 43 Resp: 21556

Ion Ratio Lower Upper

43 100

74 29.4 17.4 26.0#

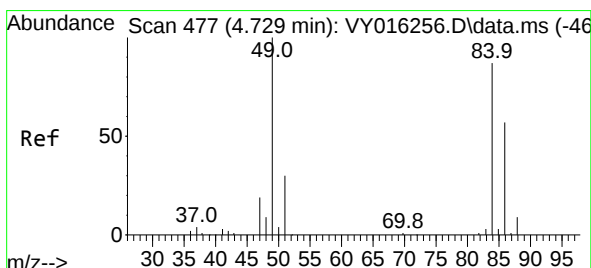
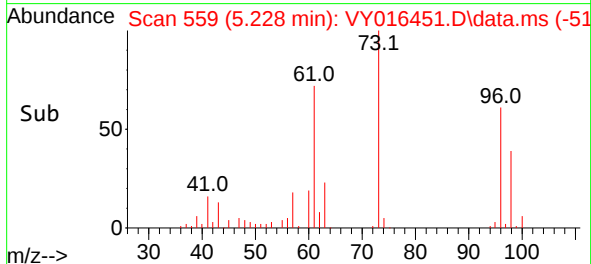
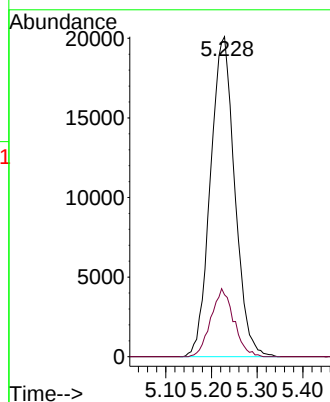
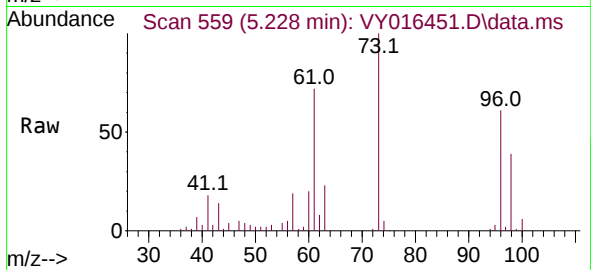




#19
Methyl tert-butyl Ether
Concen: 19.381 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

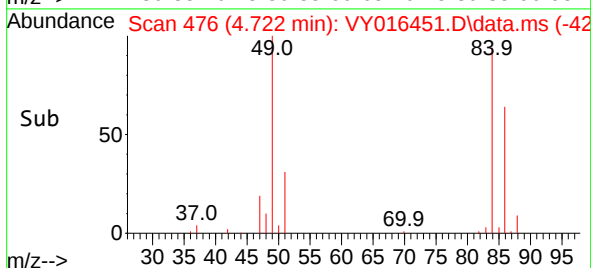
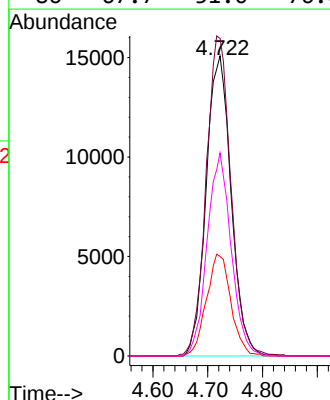
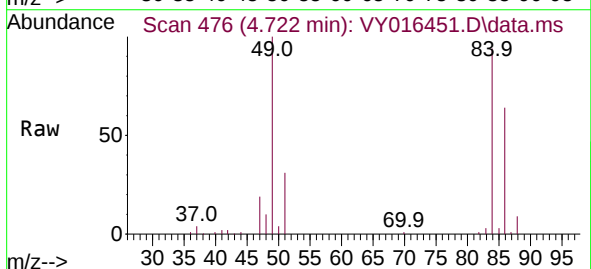
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 74372
Ion Ratio Lower Upper
73 100
57 19.4 17.3 25.9



#20
Methylene Chloride
Concen: 26.857 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 84 Resp: 47701
Ion Ratio Lower Upper
84 100
49 105.6 106.9 160.3#
51 33.2 33.2 49.8
86 67.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.349 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.012 min

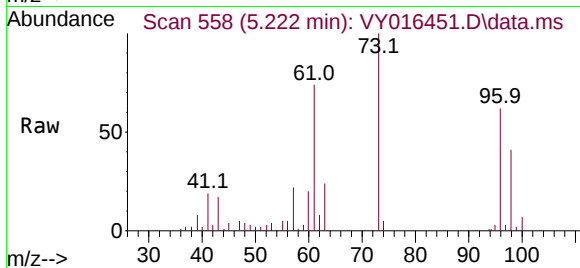
Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :



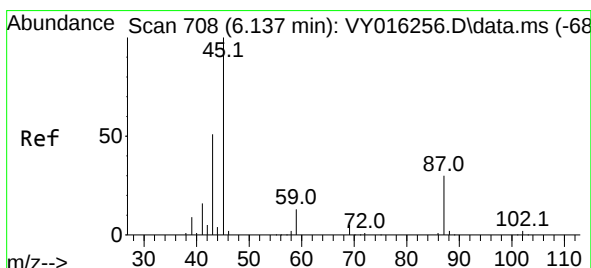
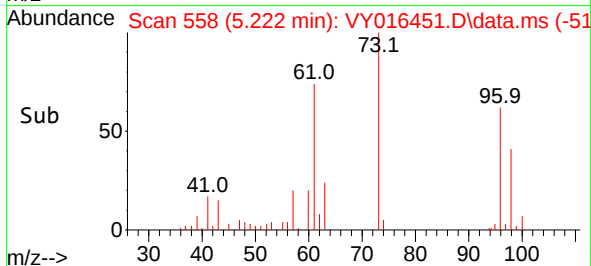
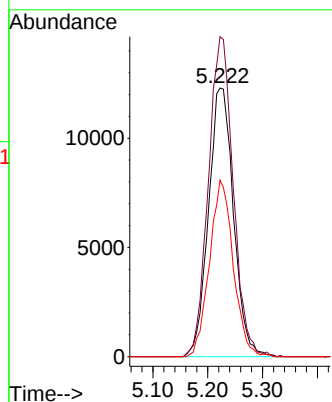
Tgt Ion: 96 Resp: 38972

Ion Ratio Lower Upper

96 100

61 119.1 110.2 165.4

98 65.7 51.8 77.6



#22

Diisopropyl ether

Concen: 18.284 ug/l

RT: 6.125 min Scan# 706

Delta R.T. -0.012 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Tgt Ion: 45 Resp: 88655

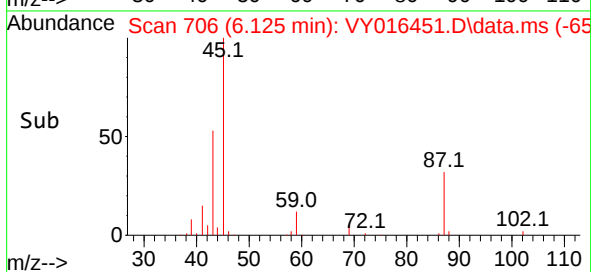
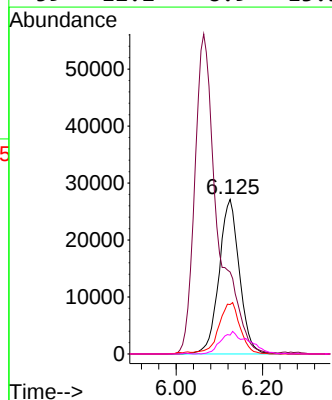
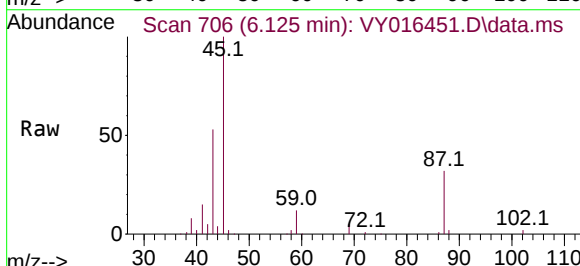
Ion Ratio Lower Upper

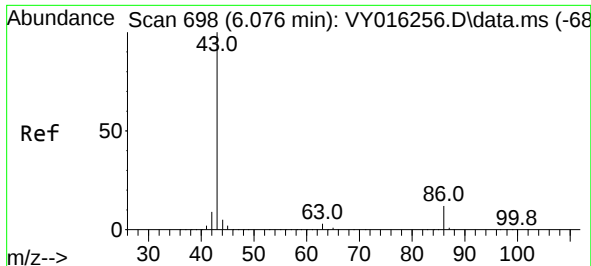
45 100

43 52.2 52.2 78.4#

87 32.0 21.0 31.6#

59 12.2 8.9 13.3

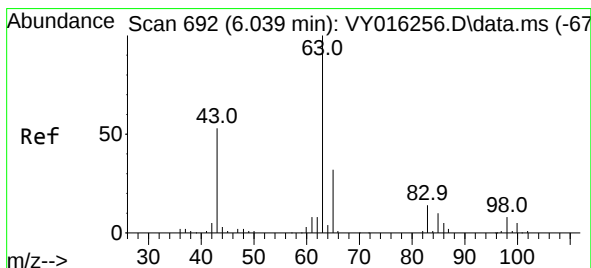
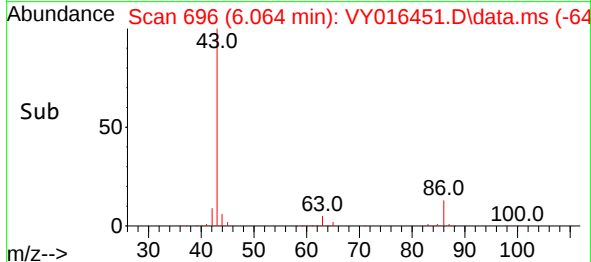
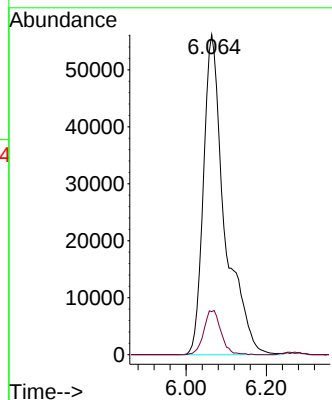
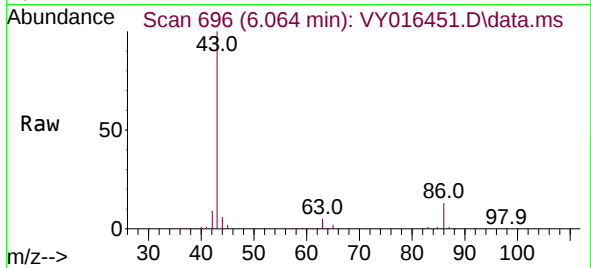




#23
 Vinyl Acetate
 Concen: 88.108 ug/l
 RT: 6.064 min Scan# 698
 Delta R.T. -0.012 min
 Lab File: VY016451.D
 Acq: 22 Nov 2023 10:12

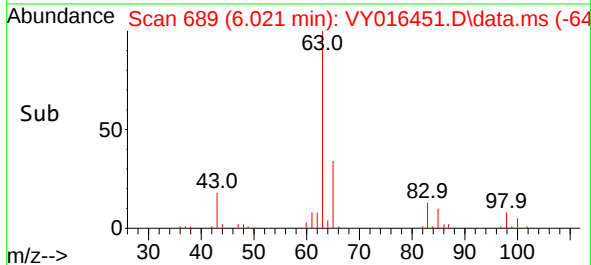
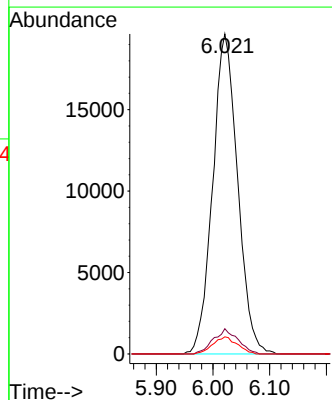
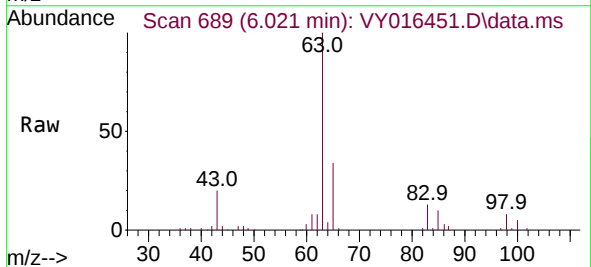
Instrument :
 MSVOA_Y
 ClientSampleId :

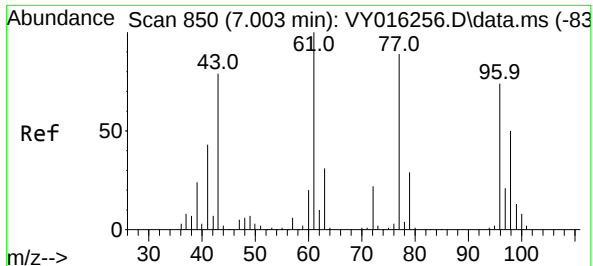
Tgt Ion: 43 Resp: 207005
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.066 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.018 min
 Lab File: VY016451.D
 Acq: 22 Nov 2023 10:12

Tgt Ion: 63 Resp: 60024
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.4 1.8 5.5





#25

2-Butanone

Concen: 108.467 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

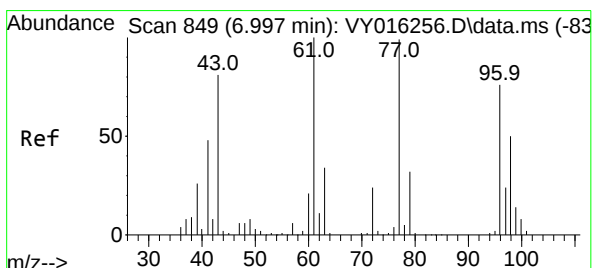
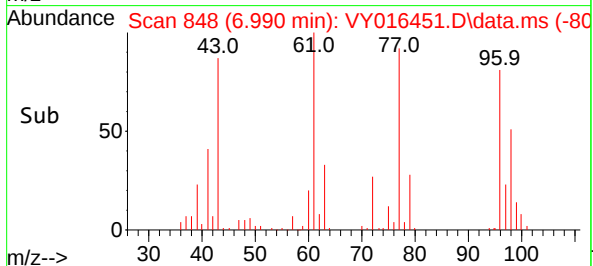
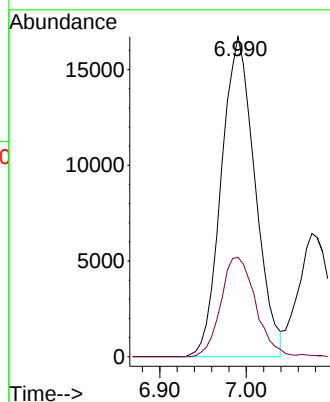
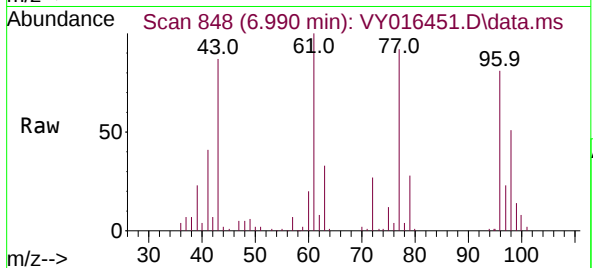
ClientSampleId :

Tgt Ion: 43 Resp: 45063

Ion Ratio Lower Upper

43 100

72 31.1 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 20.704 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016451.D

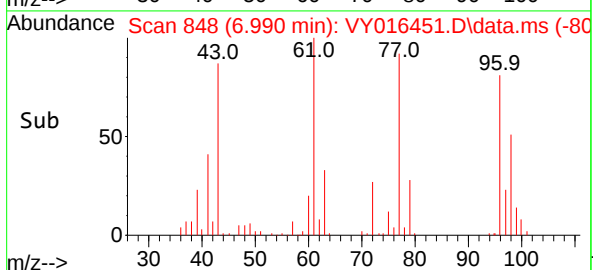
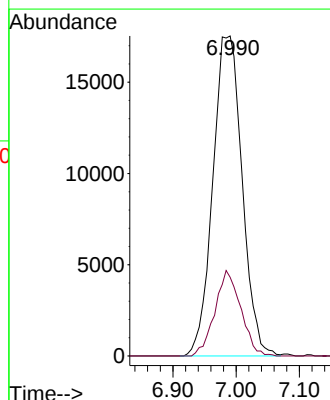
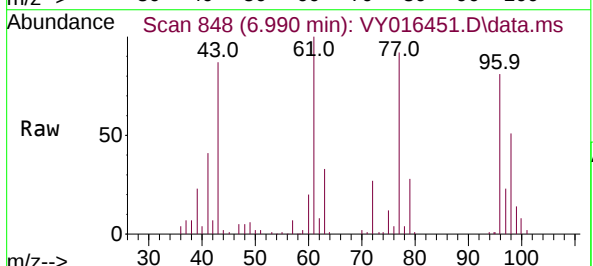
Acq: 22 Nov 2023 10:12

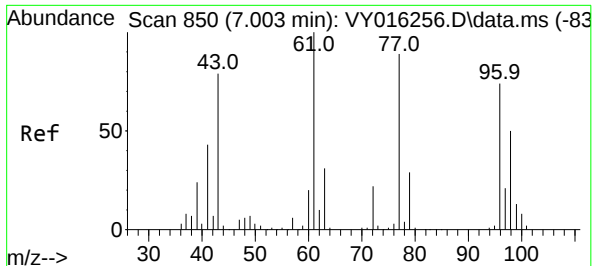
Tgt Ion: 77 Resp: 56365

Ion Ratio Lower Upper

77 100

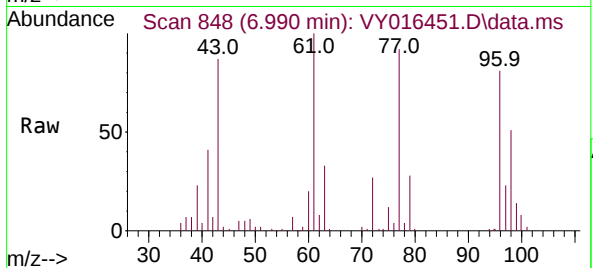
97 23.6 10.9 32.9



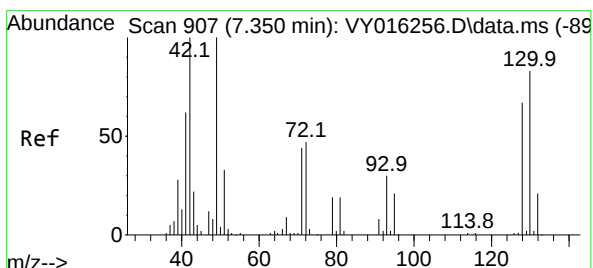
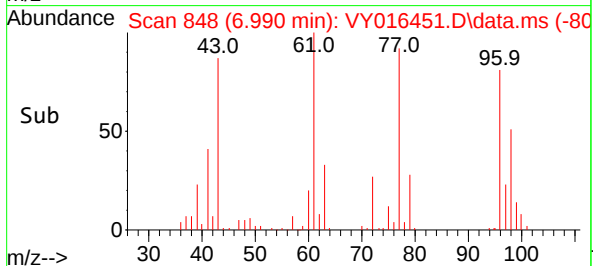
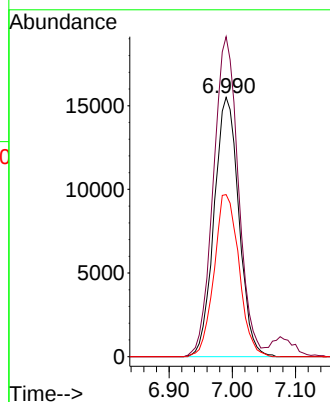


#27
cis-1,2-Dichloroethene
Concen: 21.390 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

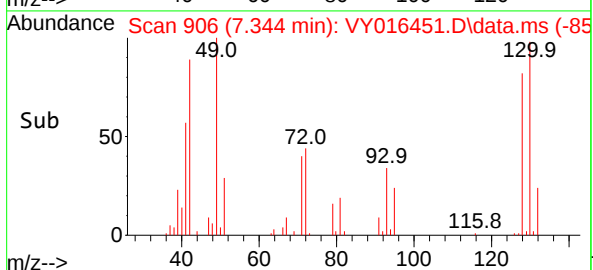
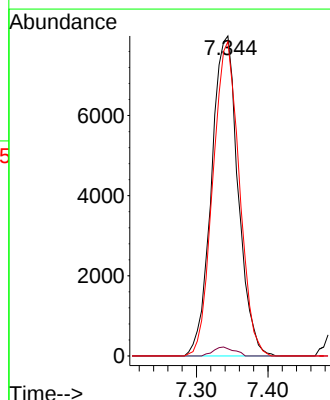
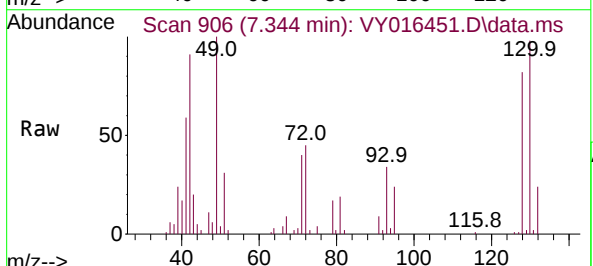


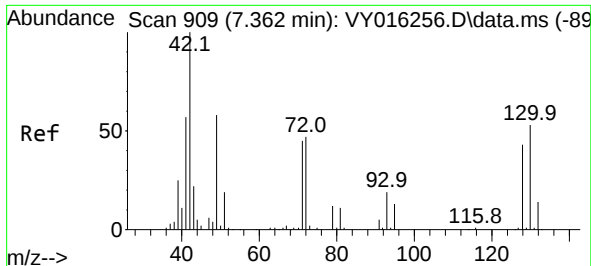
Tgt Ion: 96 Resp: 42081
Ion Ratio Lower Upper
96 100
61 125.1 0.0 301.4
98 63.0 0.0 130.4



#28
Bromochloromethane
Concen: 18.630 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 49 Resp: 20625
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 97.3 60.7 91.1#





#29

Tetrahydrofuran

Concen: 83.922 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

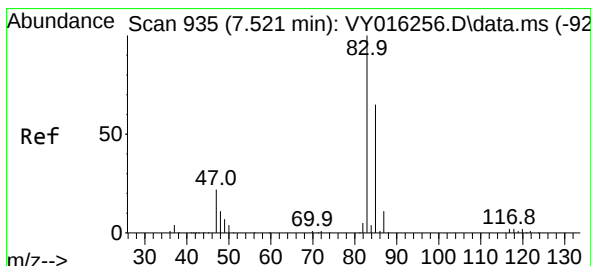
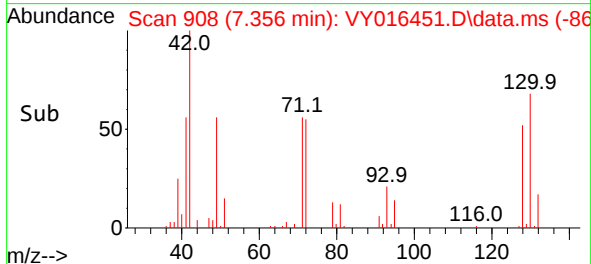
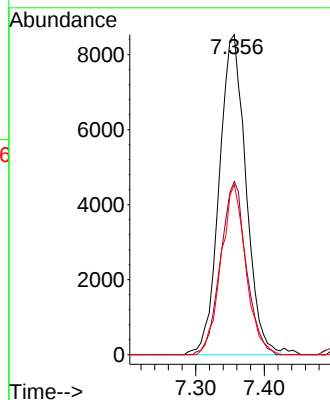
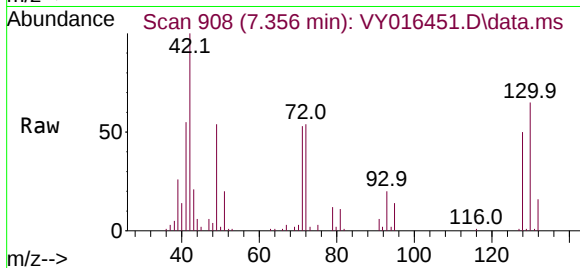
Tgt Ion: 42 Resp: 23045

Ion Ratio Lower Upper

42 100

72 52.2 32.8 49.2#

71 49.4 31.0 46.4#



#30

Chloroform

Concen: 20.880 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016451.D

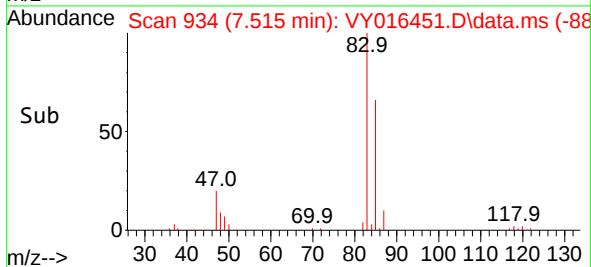
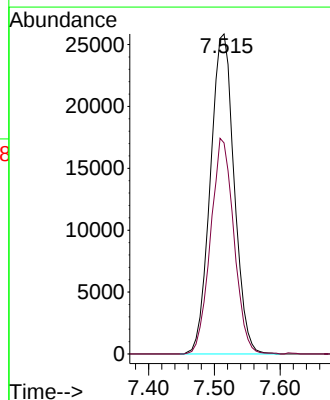
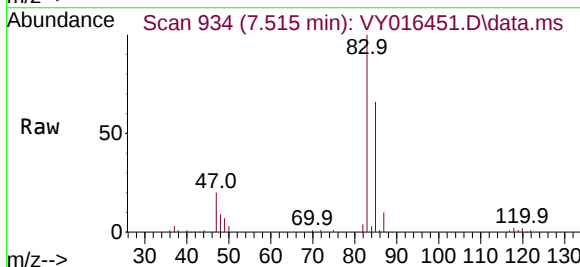
Acq: 22 Nov 2023 10:12

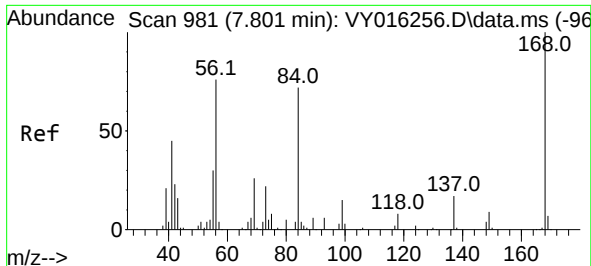
Tgt Ion: 83 Resp: 65012

Ion Ratio Lower Upper

83 100

85 66.0 49.7 74.5

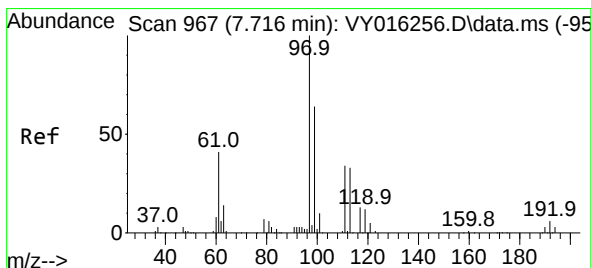
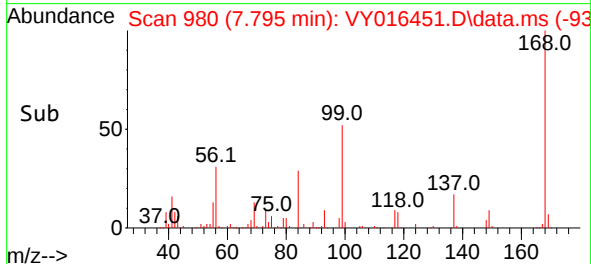
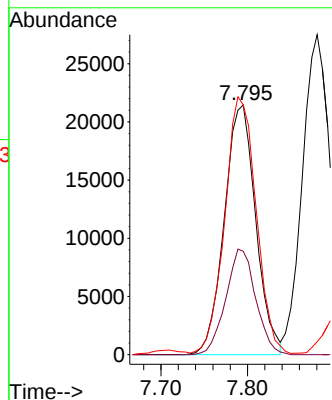
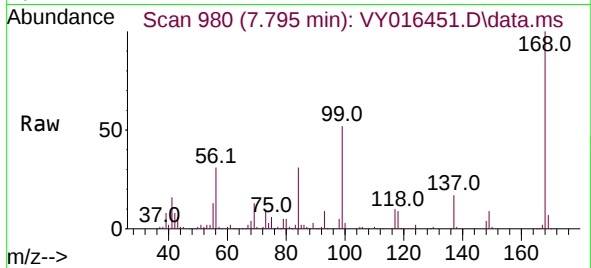




#31
Cyclohexane
Concen: 19.183 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

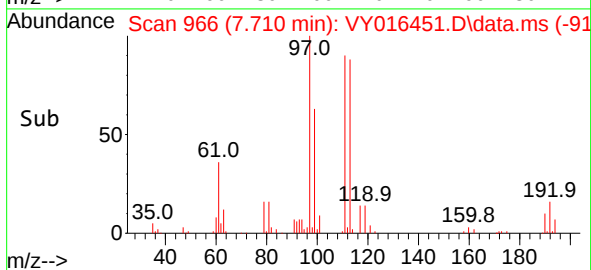
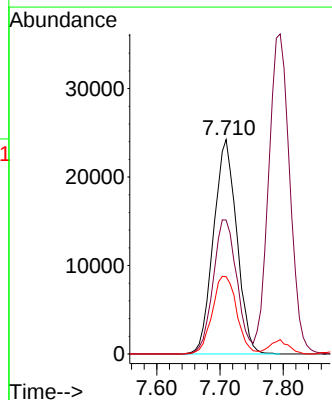
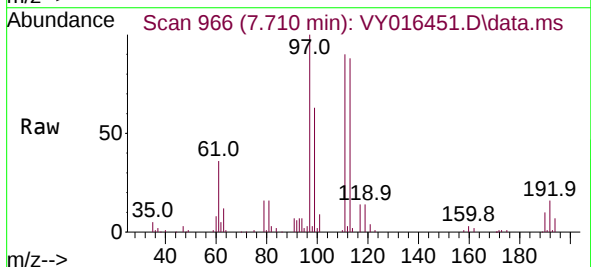
Instrument :
MSVOA_Y
ClientSampleId :

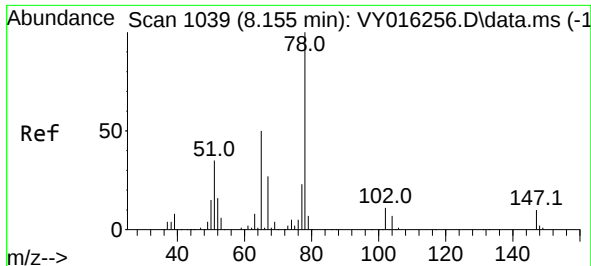
Tgt Ion: 56 Resp: 54156
Ion Ratio Lower Upper
56 100
69 41.4 27.8 41.6
84 98.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.657 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 97 Resp: 61811
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 38.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.099 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

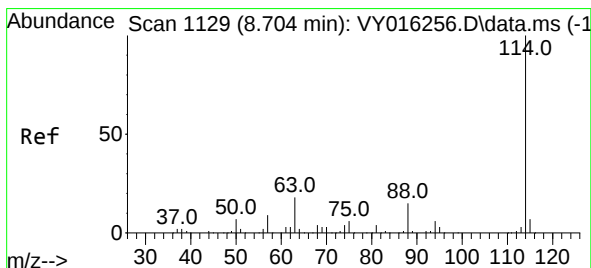
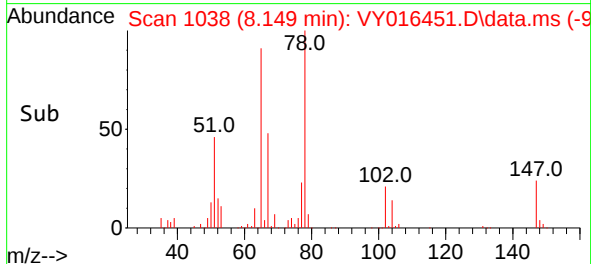
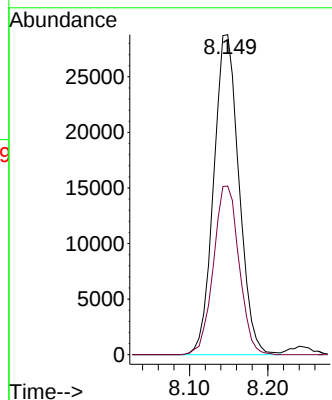
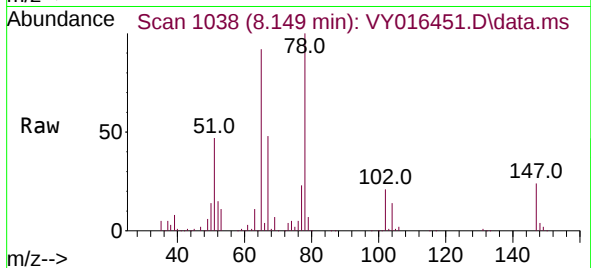
ClientSampleId :

Tgt Ion: 65 Resp: 64670

Ion Ratio Lower Upper

65 100

67 53.4 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: VY016451.D

Acq: 22 Nov 2023 10:12

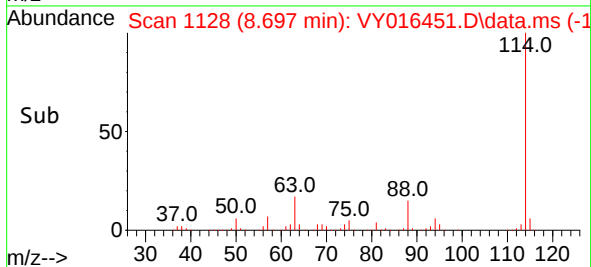
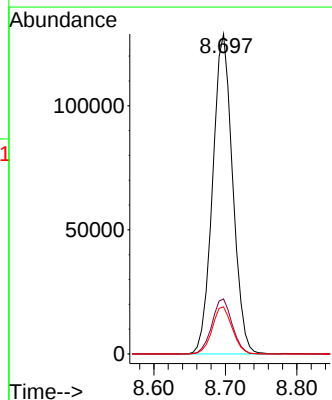
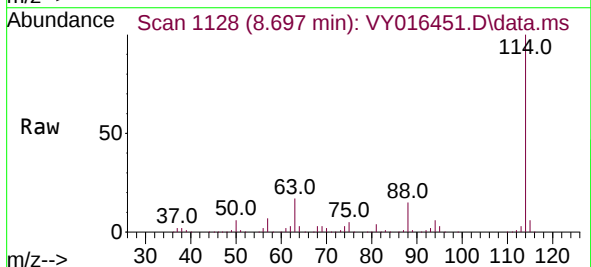
Tgt Ion: 114 Resp: 250202

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

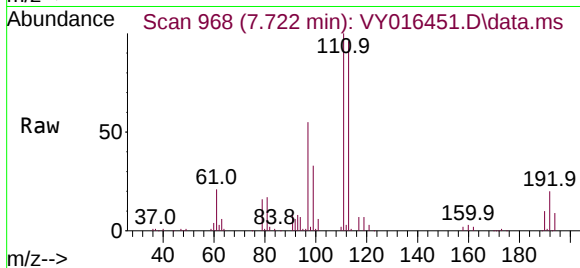
88 14.7 0.0 30.6



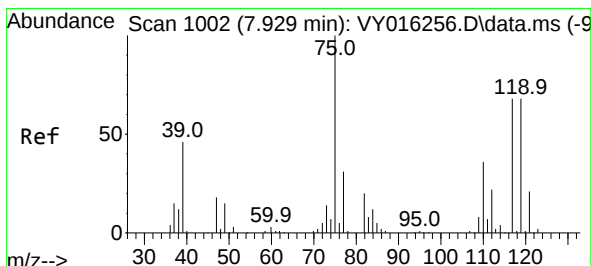
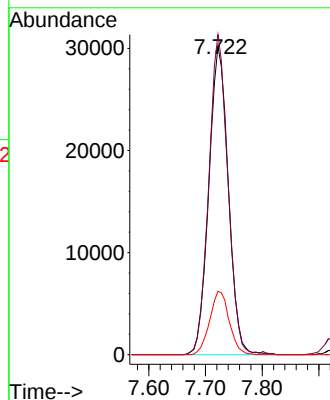
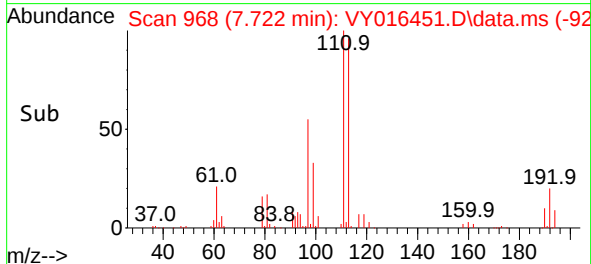


#35
Dibromofluoromethane
Concen: 50.754 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

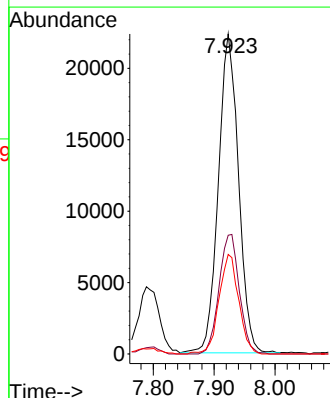
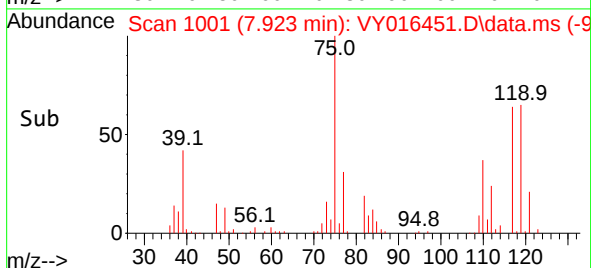
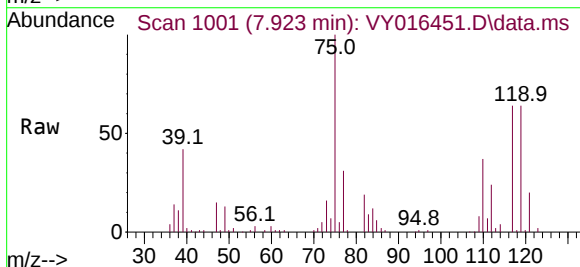


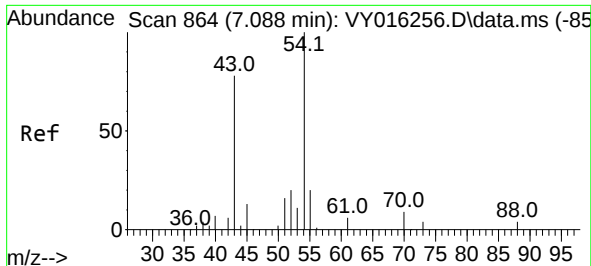
Tgt Ion:113 Resp: 72137
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.778 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 75 Resp: 51279
Ion Ratio Lower Upper
75 100
110 37.7 17.8 53.5
77 30.6 24.4 36.6

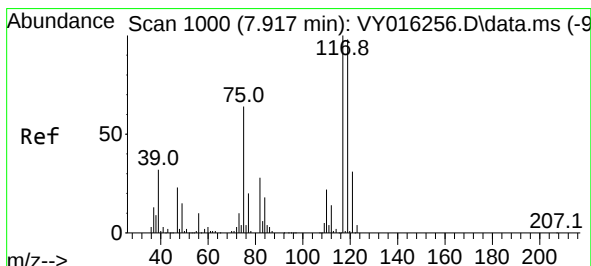
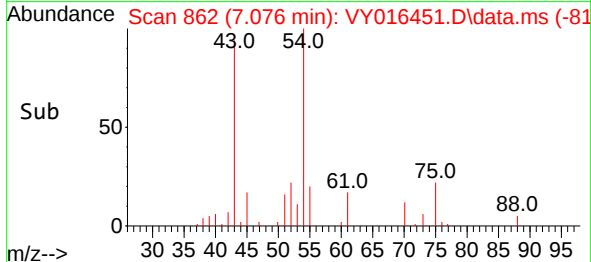
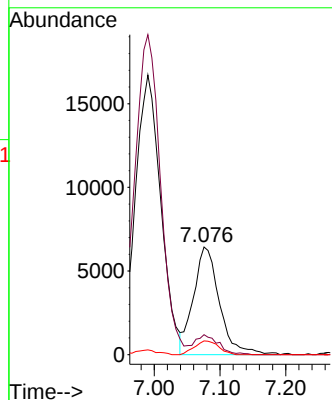
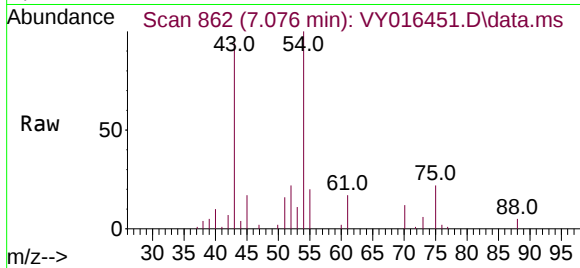




#37
Ethyl Acetate
Concen: 17.683 ug/l
RT: 7.076 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

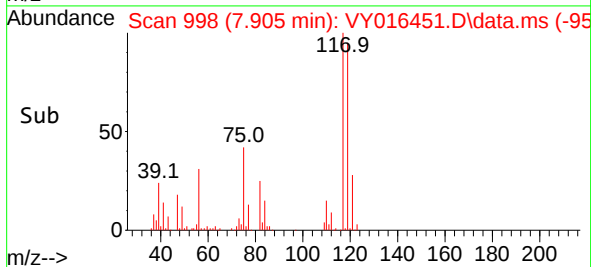
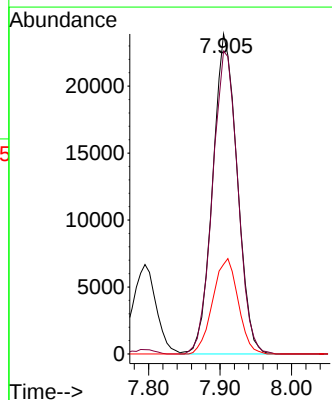
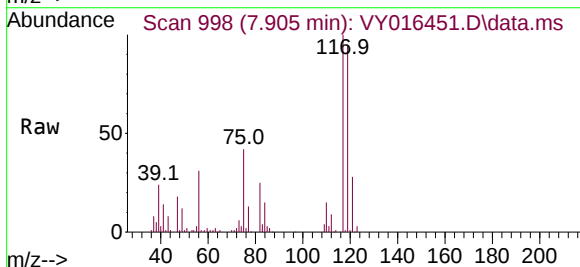
Instrument :
MSVOA_Y
ClientSampleId :

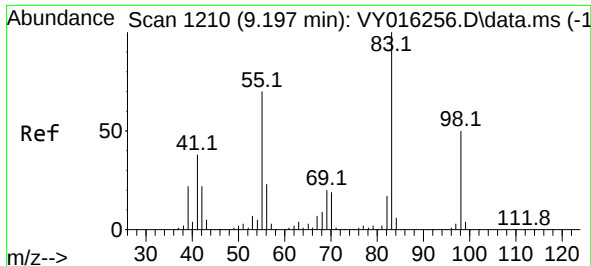
Tgt Ion: 43 Resp: 17633
Ion Ratio Lower Upper
43 100
61 16.7 10.1 15.1#
70 11.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 22.233 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.012 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 117 Resp: 56947
Ion Ratio Lower Upper
117 100
119 94.6 76.4 114.6
121 28.0 25.8 38.6





#39

Methylcyclohexane

Concen: 20.491 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

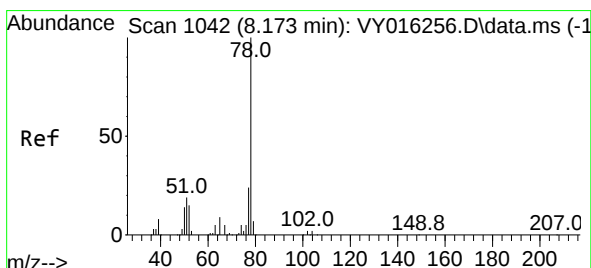
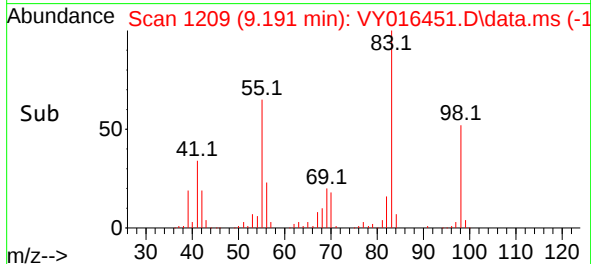
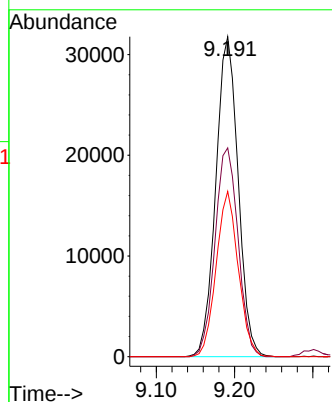
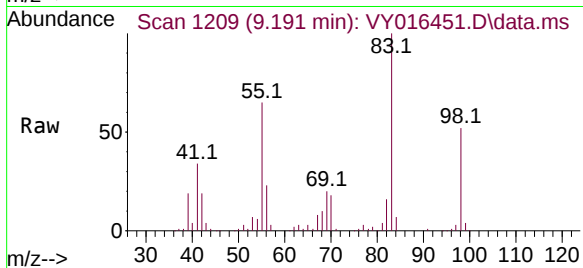
Tgt Ion: 83 Resp: 63014

Ion Ratio Lower Upper

83 100

55 65.3 63.0 94.4

98 51.6 37.4 56.2



#40

Benzene

Concen: 21.165 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016451.D

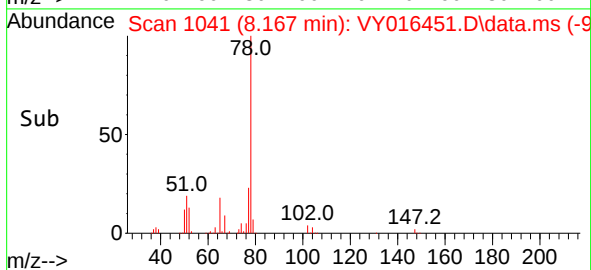
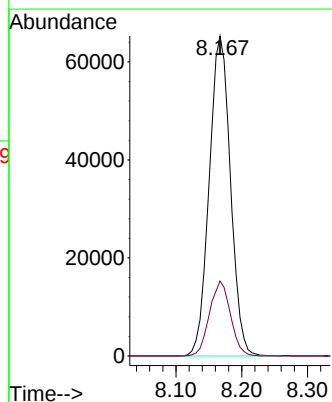
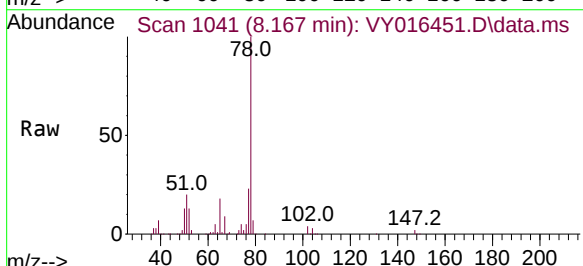
Acq: 22 Nov 2023 10:12

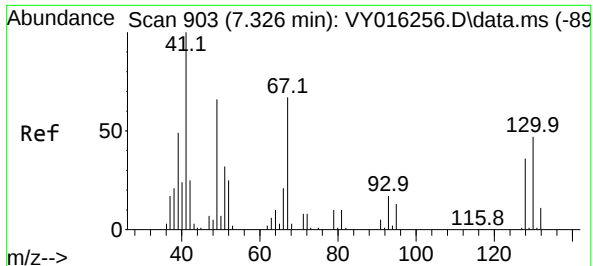
Tgt Ion: 78 Resp: 146752

Ion Ratio Lower Upper

78 100

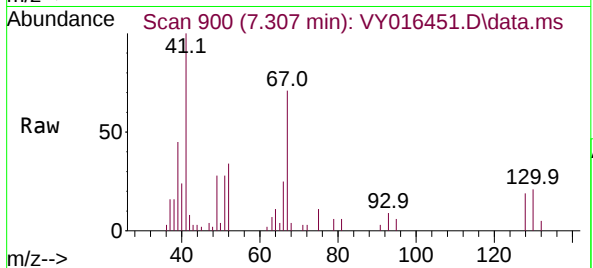
77 23.4 19.0 28.6



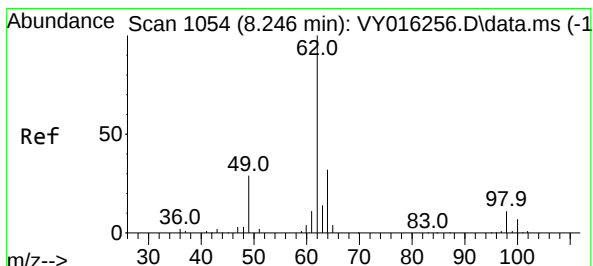
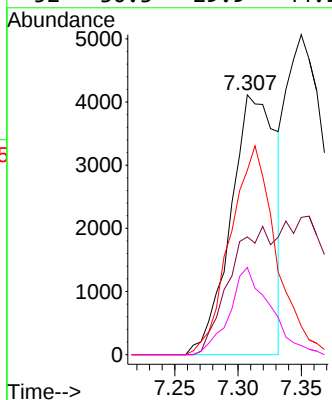
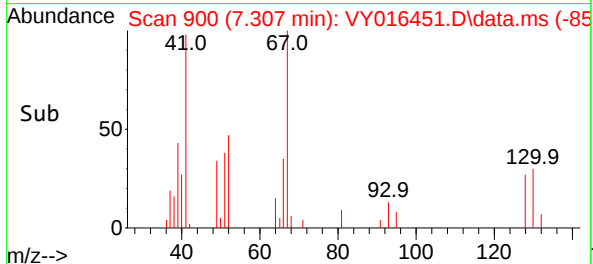


#41
Methacrylonitrile
Concen: 20.299 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

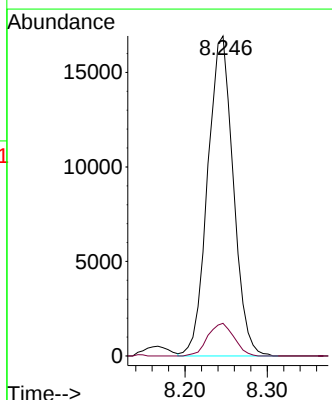
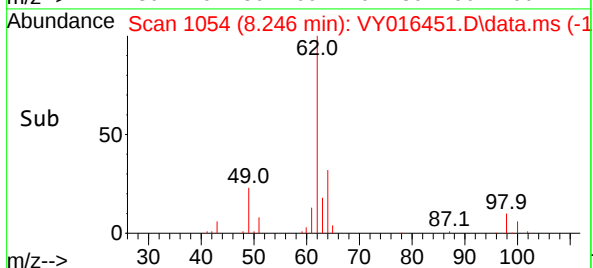
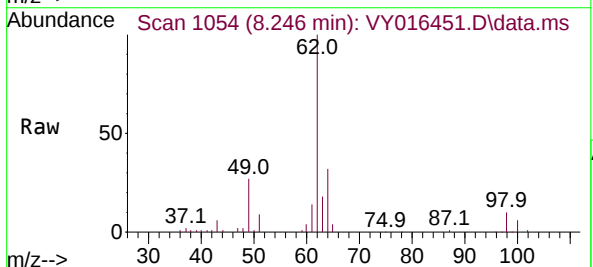


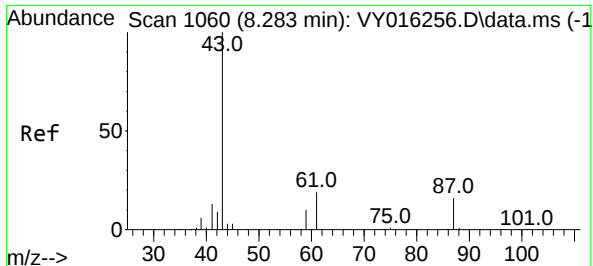
Tgt Ion:	41	Resp:	10206
Ion	Ratio	Lower	Upper
41	100		
39	44.7	52.1	78.1#
67	81.9	66.2	99.2
52	30.3	29.9	44.9



#42
1,2-Dichloroethane
Concen: 20.391 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion:	62	Resp:	36634
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 17.040 ug/l

RT: 8.277 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

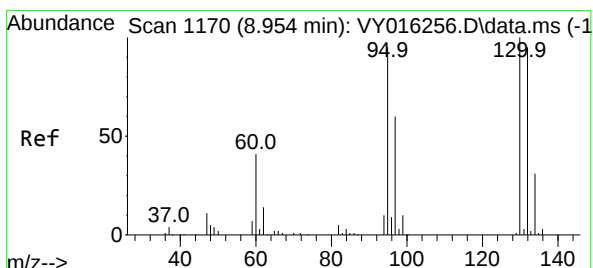
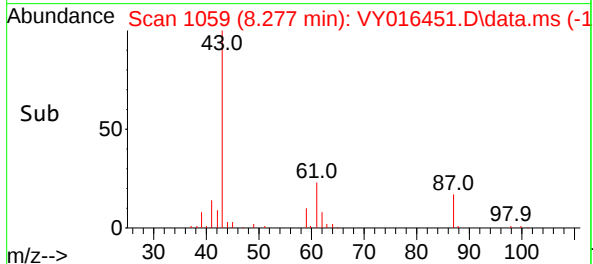
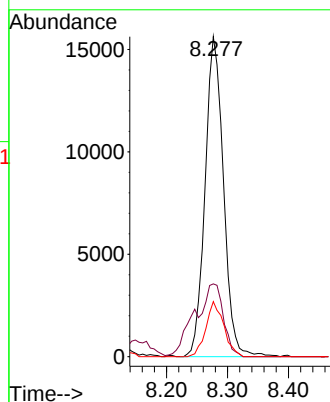
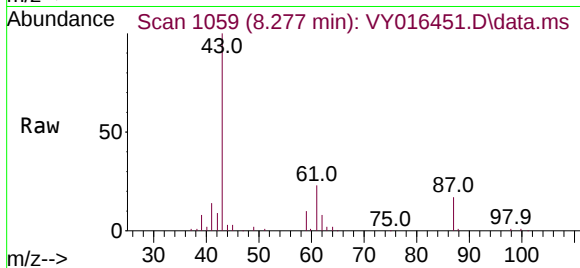
Tgt Ion: 43 Resp: 32845

Ion Ratio Lower Upper

43 100

61 23.8 21.1 31.7

87 16.8 9.8 14.8#



#44

Trichloroethene

Concen: 21.851 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. -0.006 min

Lab File: VY016451.D

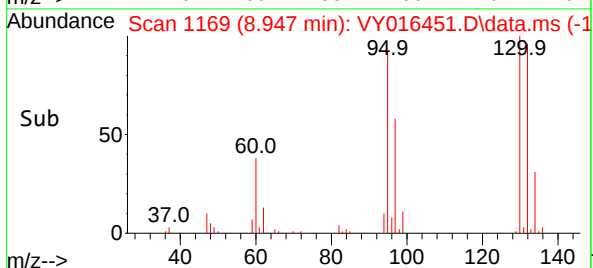
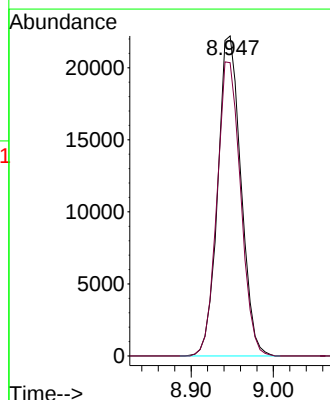
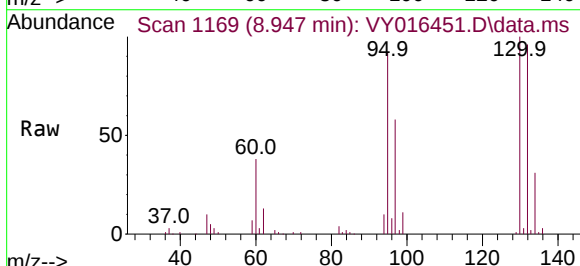
Acq: 22 Nov 2023 10:12

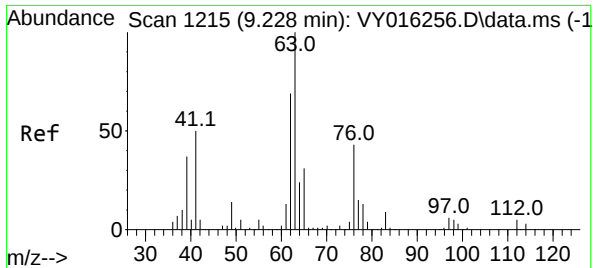
Tgt Ion:130 Resp: 43544

Ion Ratio Lower Upper

130 100

95 91.6 0.0 196.0

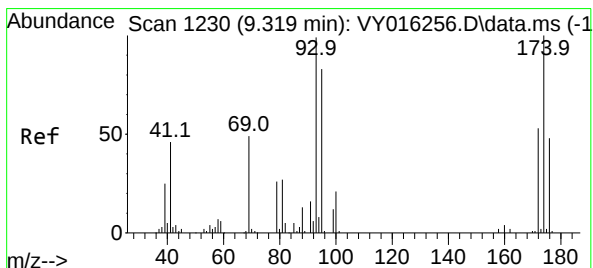
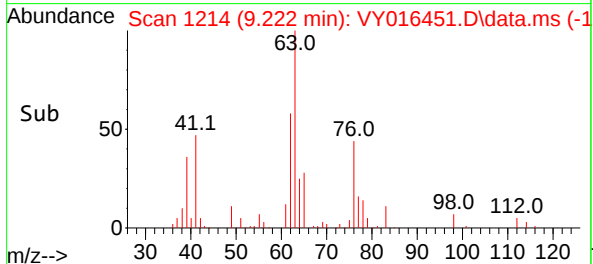
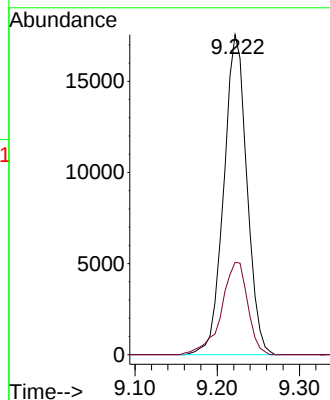
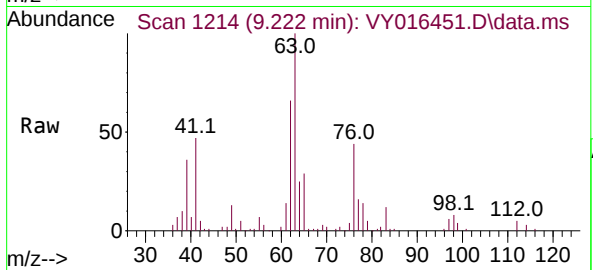




#45
1,2-Dichloropropane
Concen: 20.545 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

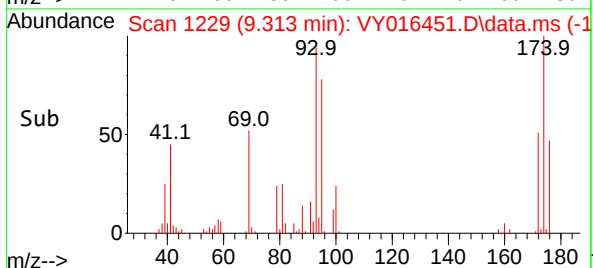
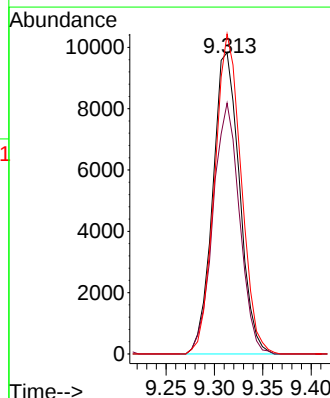
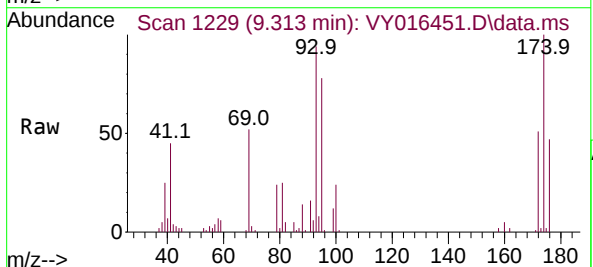
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 34212
Ion Ratio Lower Upper
63 100
65 28.8 23.8 35.6



#46
Dibromomethane
Concen: 20.942 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 93 Resp: 18898
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 105.4 84.8 127.2

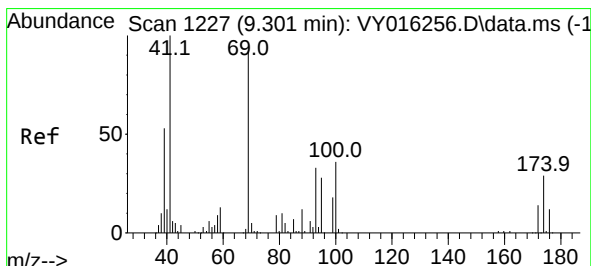
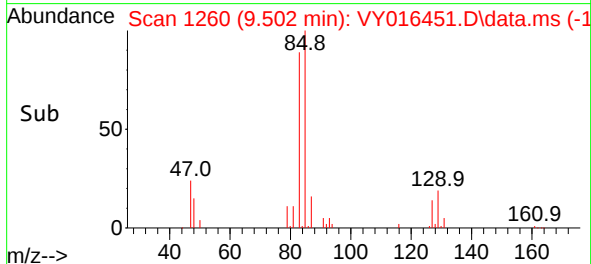
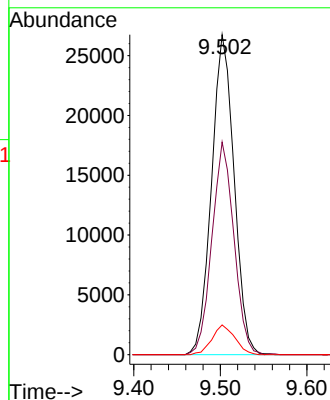
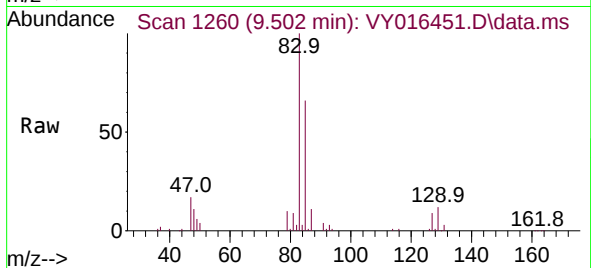




#47
Bromodichloromethane
Concen: 20.838 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

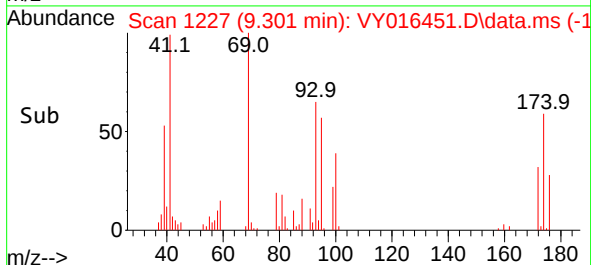
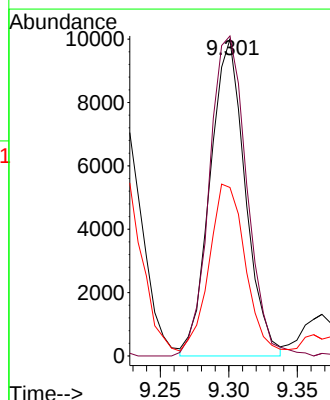
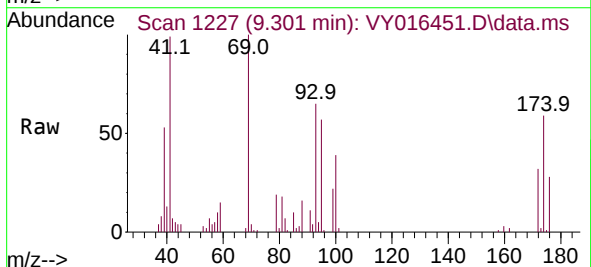
Instrument :
MSVOA_Y
ClientSampleId :

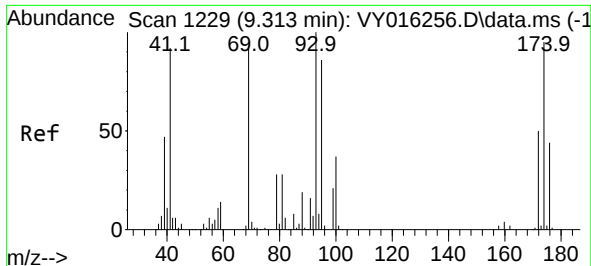
Tgt Ion: 83 Resp: 48344
Ion Ratio Lower Upper
83 100
85 66.4 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 16.765 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 41 Resp: 17859
Ion Ratio Lower Upper
41 100
69 107.5 64.5 96.7#
39 54.2 50.8 76.2





#49

1,4-Dioxane

Concen: 403.854 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

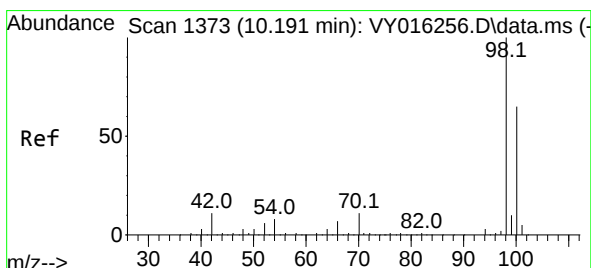
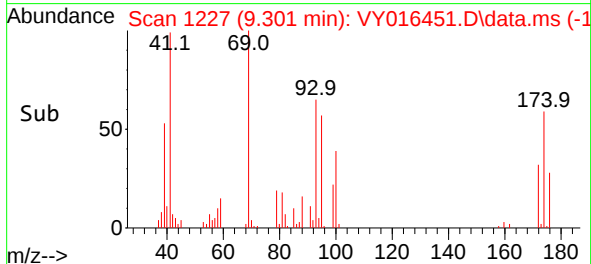
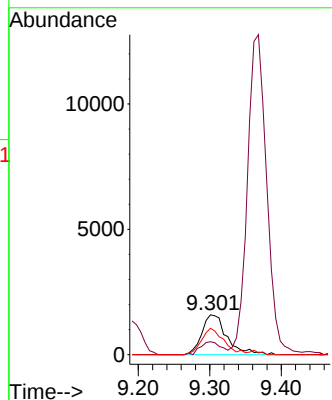
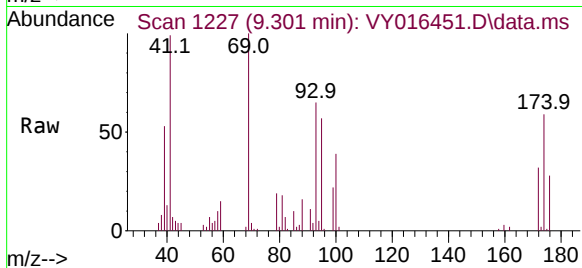
Tgt Ion: 88 Resp: 3869

Ion Ratio Lower Upper

88 100

43 27.5 0.0 0.0#

58 59.4 30.9 46.3#



#50

Toluene-d8

Concen: 46.948 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016451.D

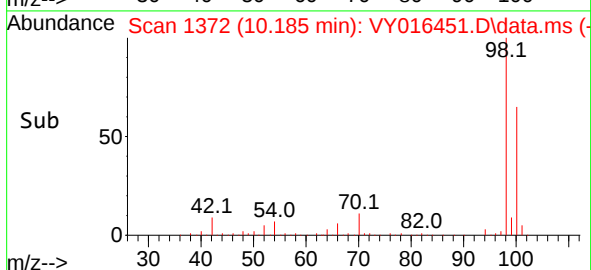
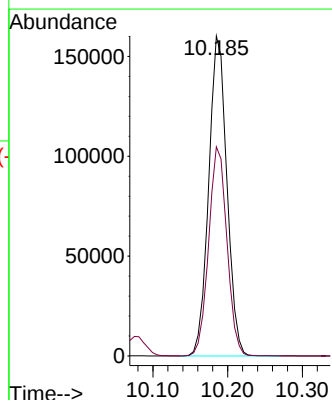
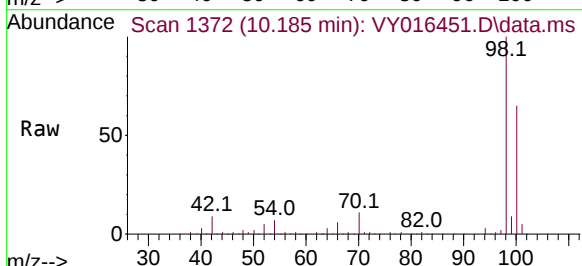
Acq: 22 Nov 2023 10:12

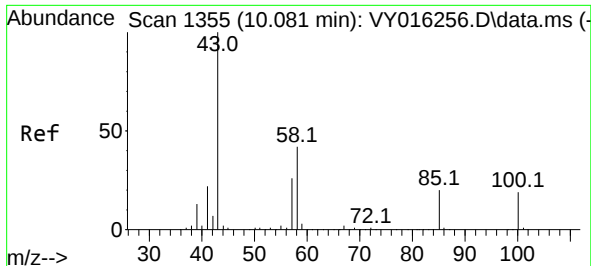
Tgt Ion: 98 Resp: 270596

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

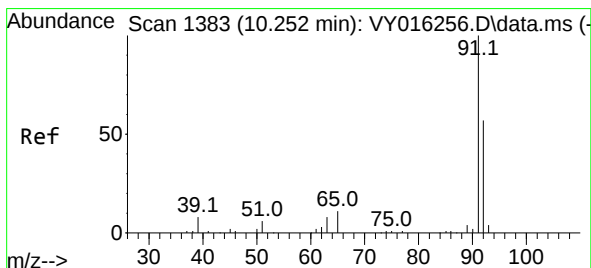
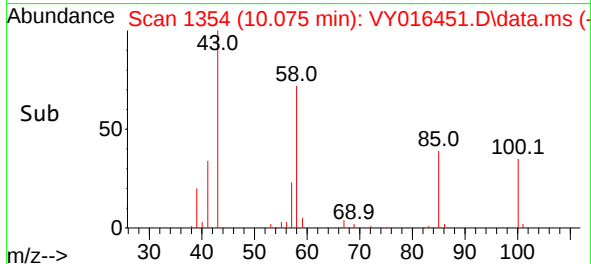
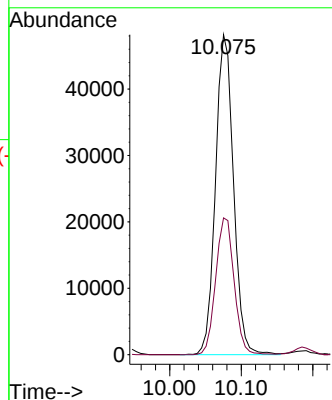
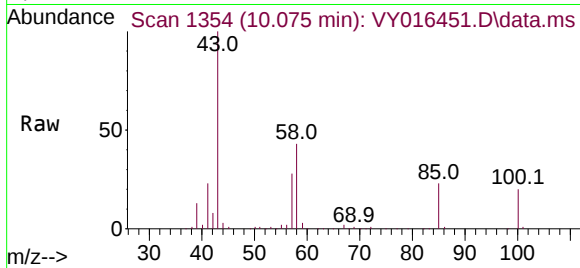




#51
4-Methyl-2-Pentanone
Concen: 86.559 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

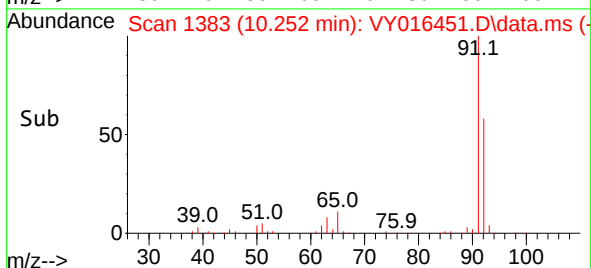
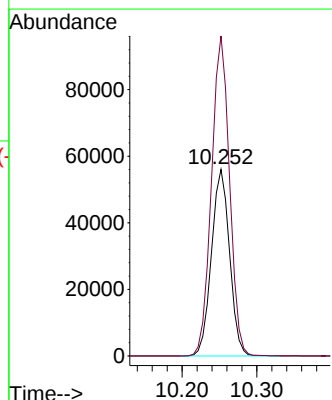
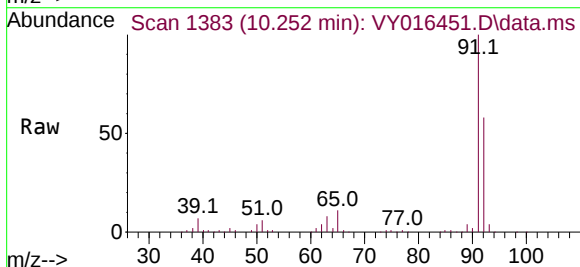
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 84370
Ion Ratio Lower Upper
43 100
58 43.8 29.0 43.6#



#52
Toluene
Concen: 21.490 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 92 Resp: 94190
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6

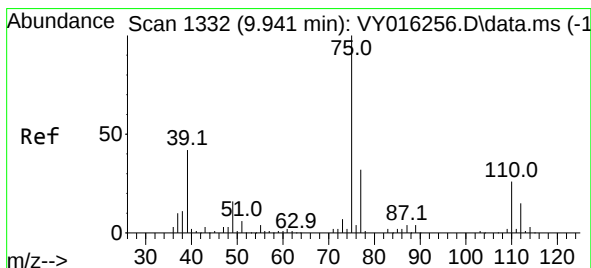
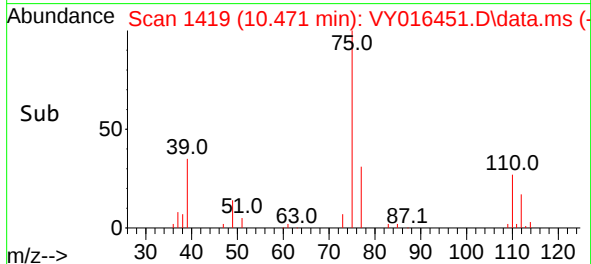
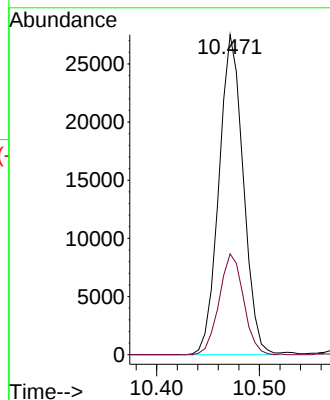
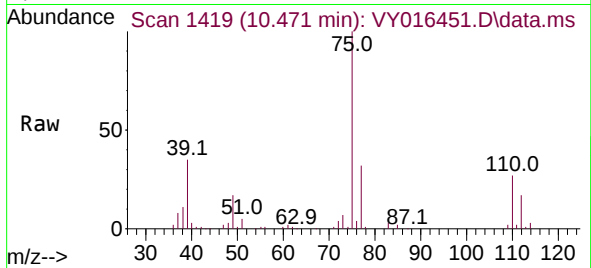




#53
t-1,3-Dichloropropene
Concen: 20.126 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

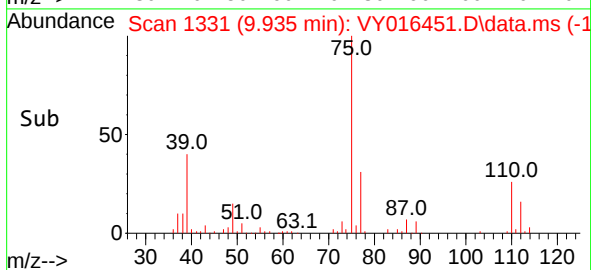
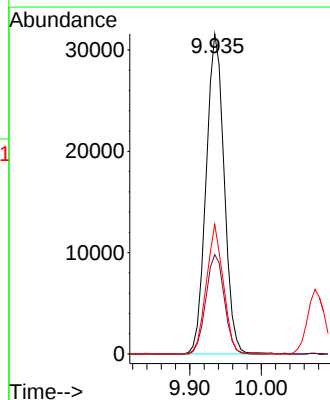
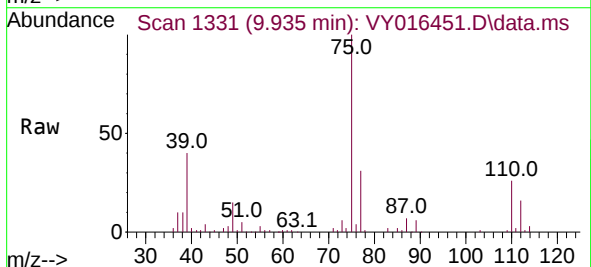
Instrument :
MSVOA_Y
ClientSampleId :

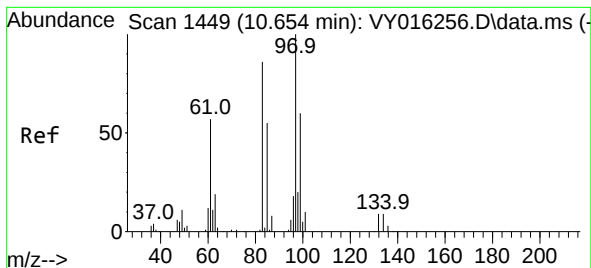
Tgt Ion: 75 Resp: 45264
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.592 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 75 Resp: 55313
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 40.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 20.893 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

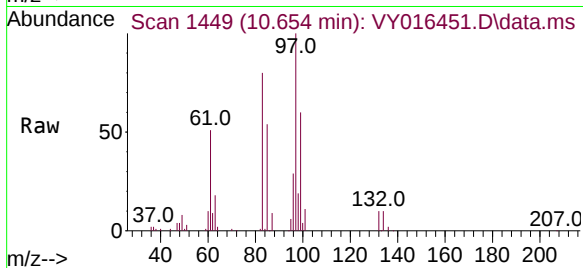
Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 25986

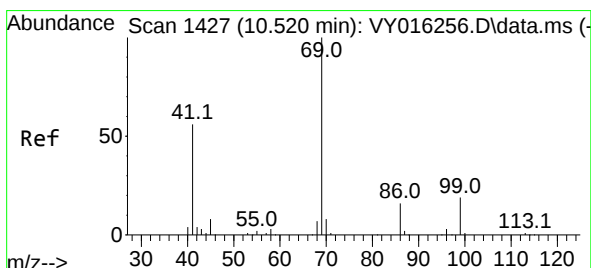
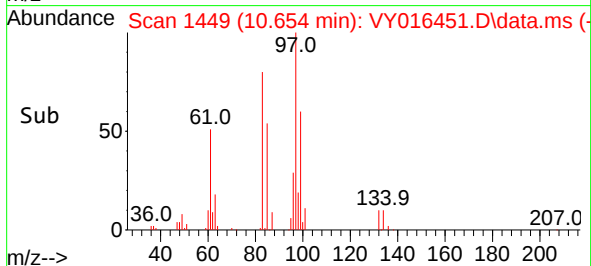
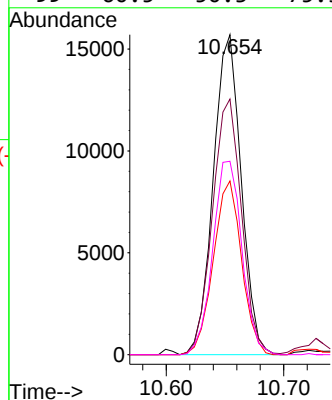
Ion Ratio Lower Upper

97 100

83 79.9 72.0 108.0

85 54.3 45.4 68.0

99 60.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.160 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

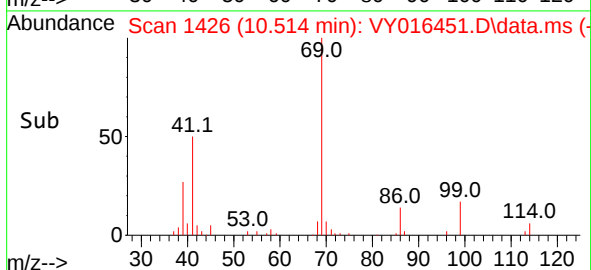
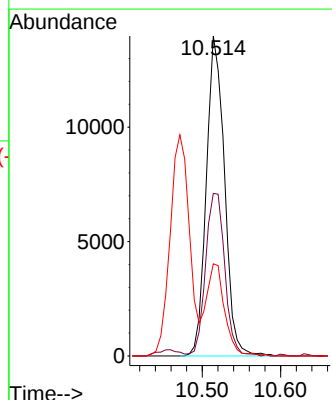
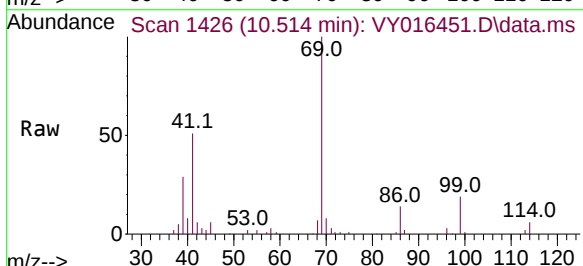
Tgt Ion: 69 Resp: 22496

Ion Ratio Lower Upper

69 100

41 54.0 57.6 86.4#

39 29.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.843 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

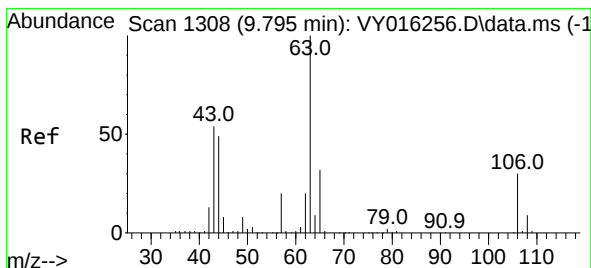
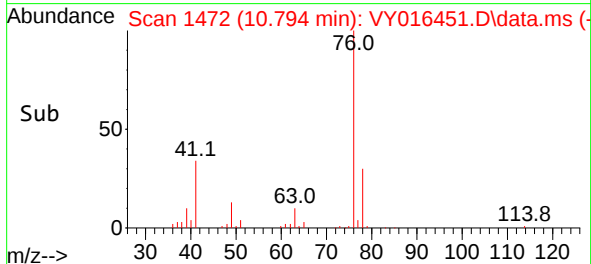
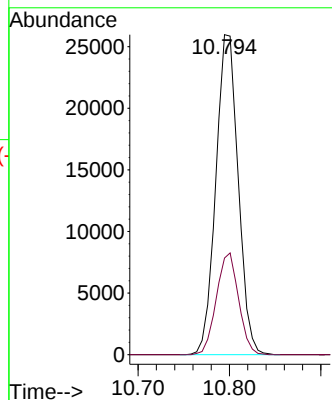
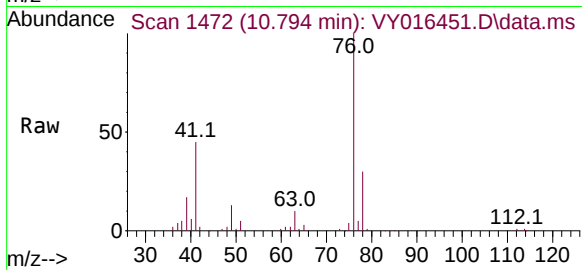
ClientSampleId :

Tgt Ion: 76 Resp: 44189

Ion Ratio Lower Upper

76 100

78 31.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 87.507 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.006 min

Lab File: VY016451.D

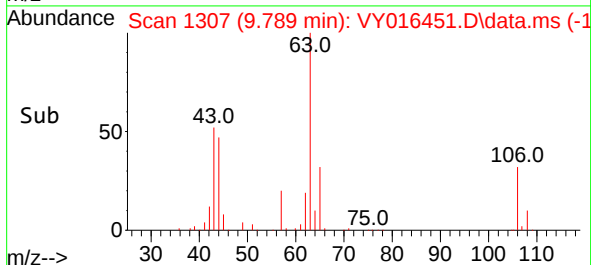
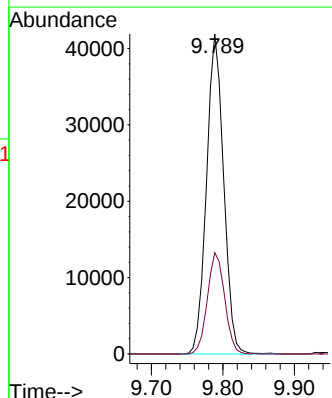
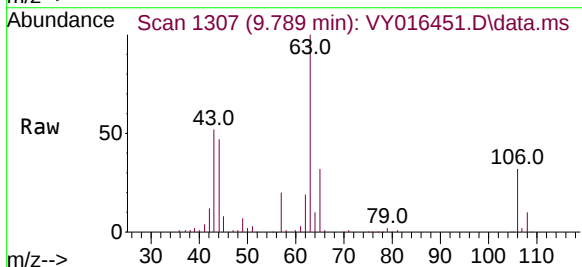
Acq: 22 Nov 2023 10:12

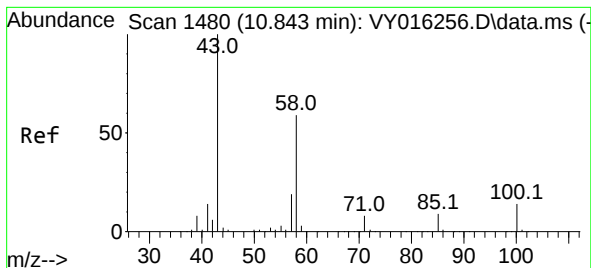
Tgt Ion: 63 Resp: 69665

Ion Ratio Lower Upper

63 100

106 31.9 21.2 31.8#





#59

2-Hexanone

Concen: 97.265 ug/l

RT: 10.837 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

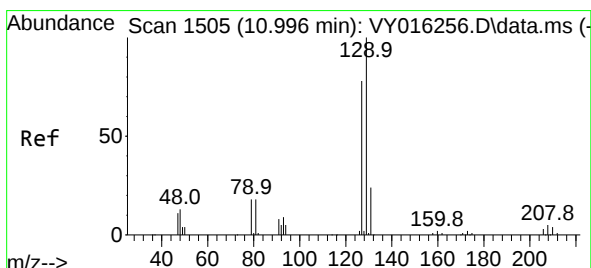
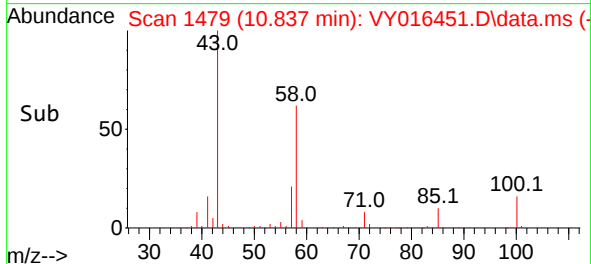
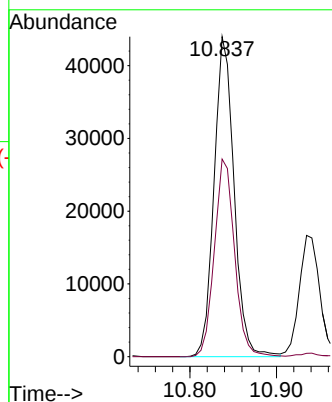
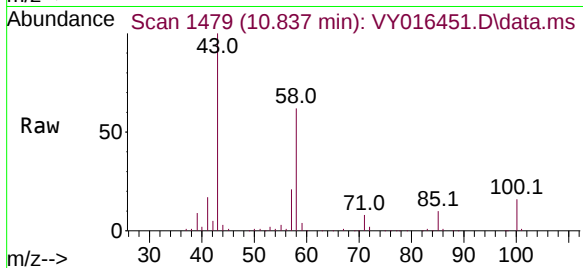
ClientSampleId :

Tgt Ion: 43 Resp: 70518

Ion Ratio Lower Upper

43 100

58 62.6 25.1 75.3



#60

Dibromochloromethane

Concen: 22.130 ug/l

RT: 10.990 min Scan# 1504

Delta R.T. -0.006 min

Lab File: VY016451.D

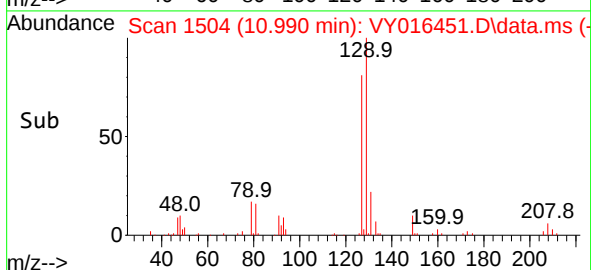
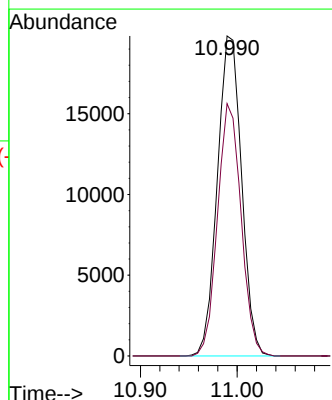
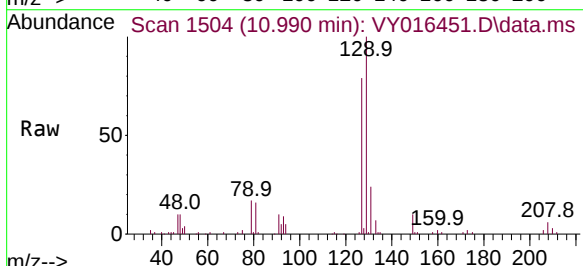
Acq: 22 Nov 2023 10:12

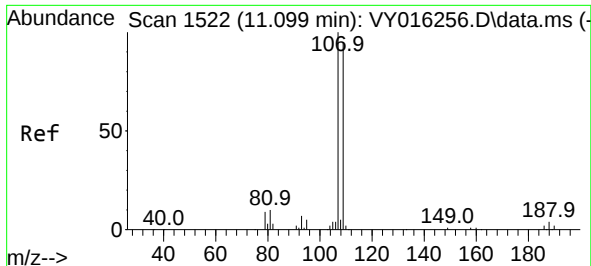
Tgt Ion:129 Resp: 34423

Ion Ratio Lower Upper

129 100

127 76.6 38.5 115.5

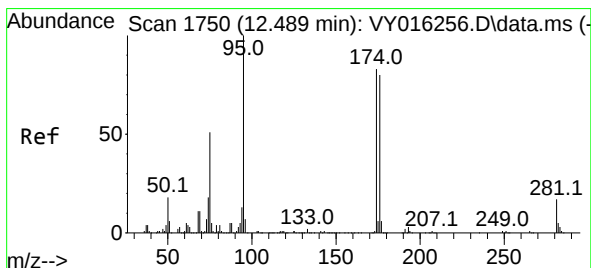
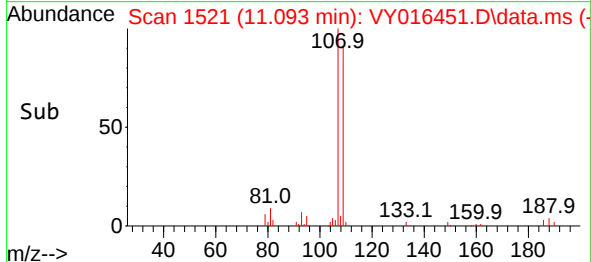
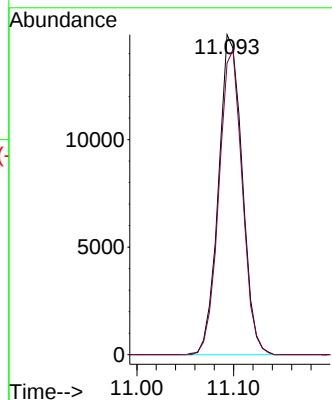
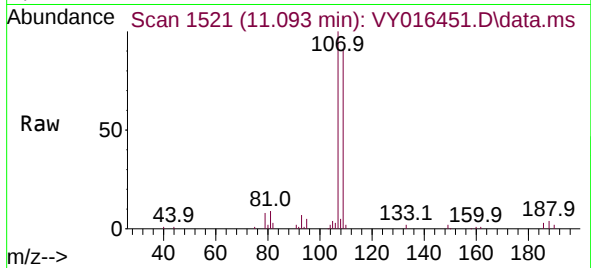




#61
1,2-Dibromoethane
Concen: 21.301 ug/l
RT: 11.093 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

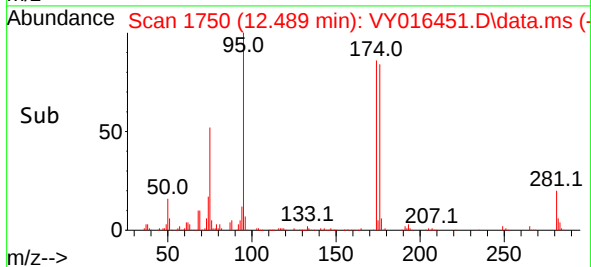
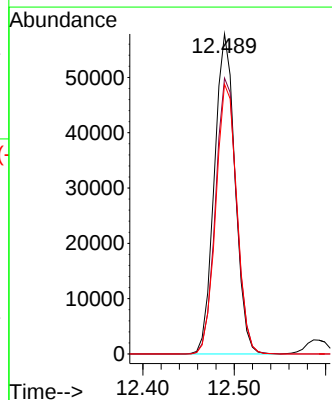
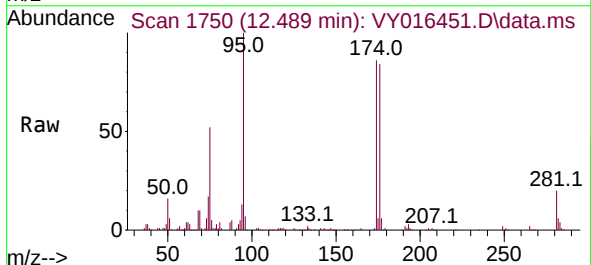
Instrument :
MSVOA_Y
ClientSampleId :

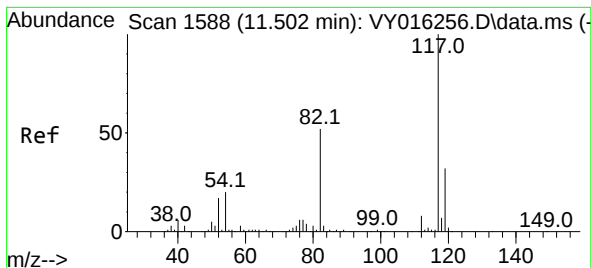
Tgt Ion:107 Resp: 25240
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.676 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 95 Resp: 91120
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 85.4 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: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

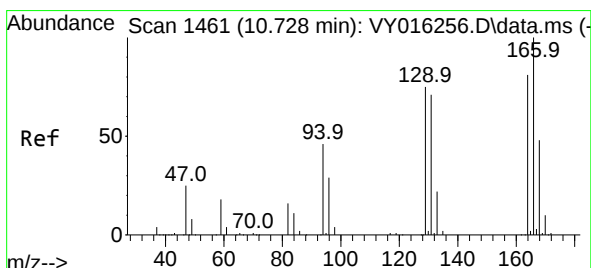
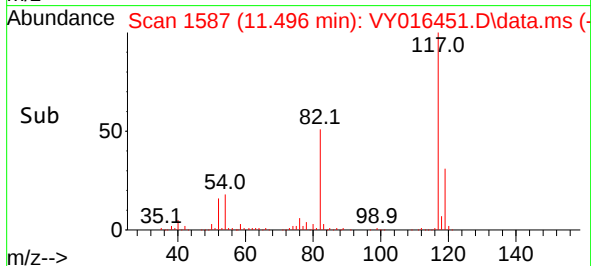
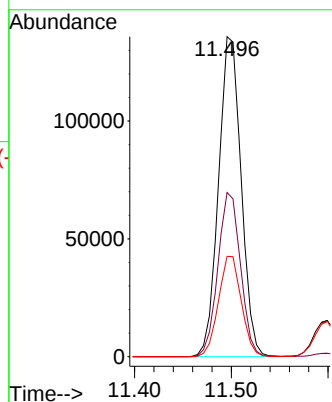
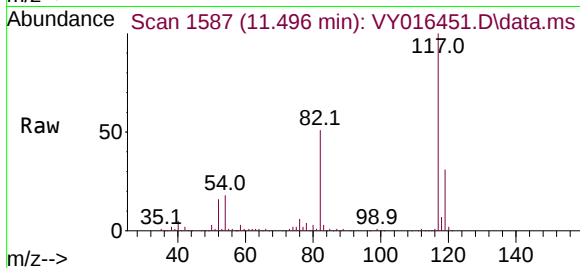
Tgt Ion:117 Resp: 220446

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 21.775 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Tgt Ion:164 Resp: 43101

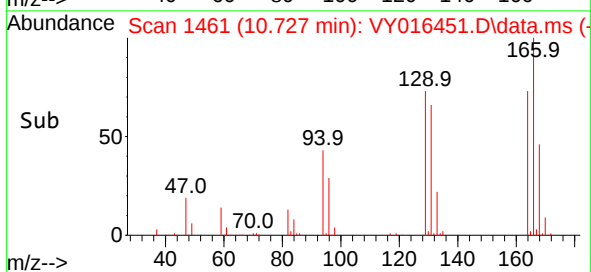
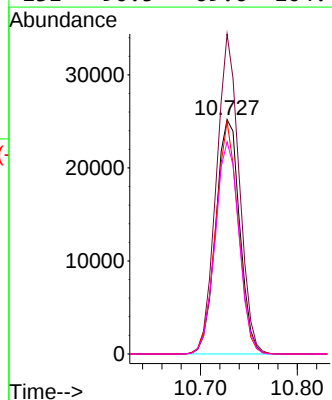
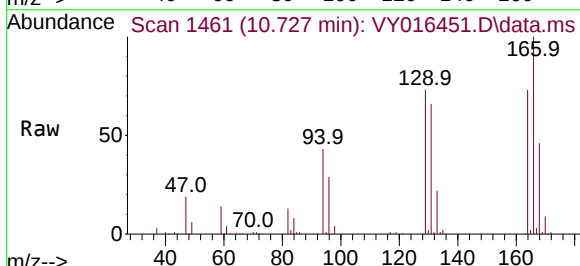
Ion Ratio Lower Upper

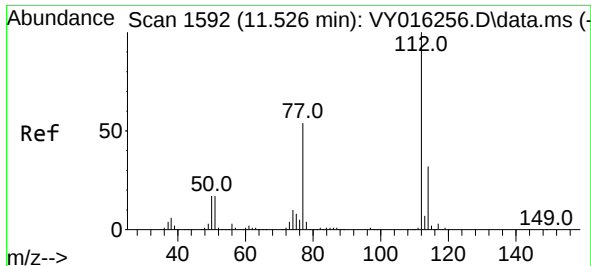
164 100

166 136.6 103.0 154.6

129 99.1 77.2 115.8

131 90.5 69.6 104.4

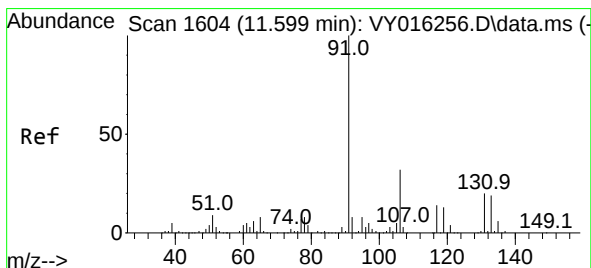
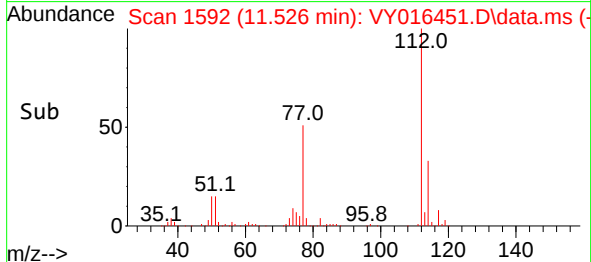
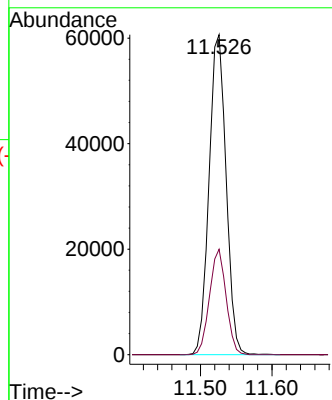
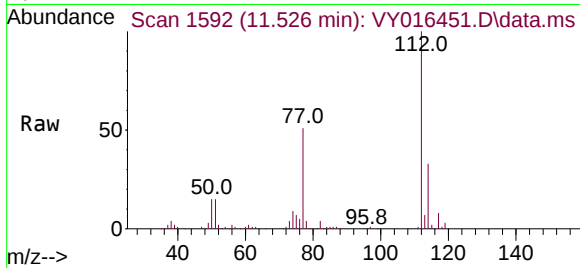




#65
Chlorobenzene
Concen: 21.308 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

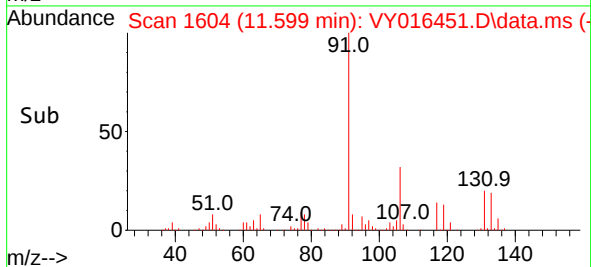
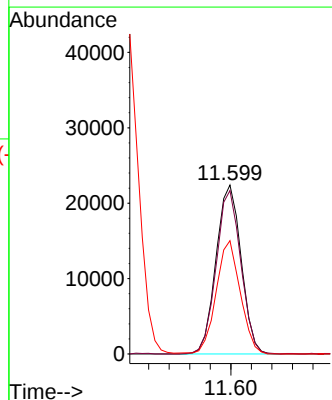
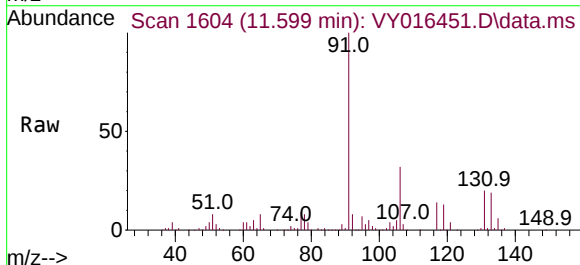
Instrument :
MSVOA_Y
ClientSampleId :

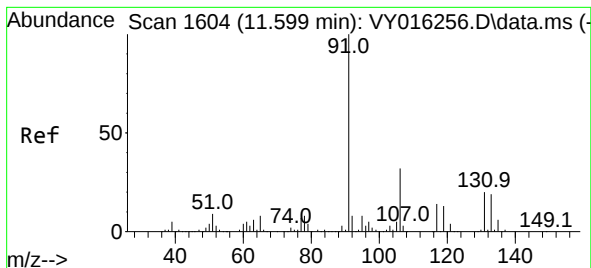
Tgt Ion:112 Resp: 100358
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.818 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion:131 Resp: 37902
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 64.7 31.6 94.7





#67

Ethyl Benzene

Concen: 20.777 ug/l

RT: 11.599 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

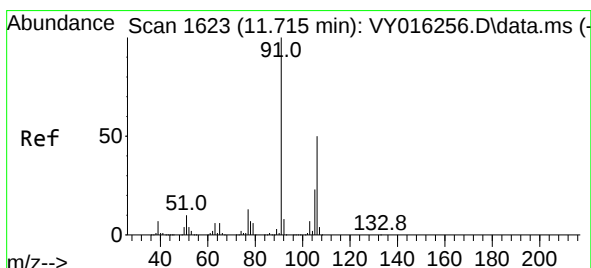
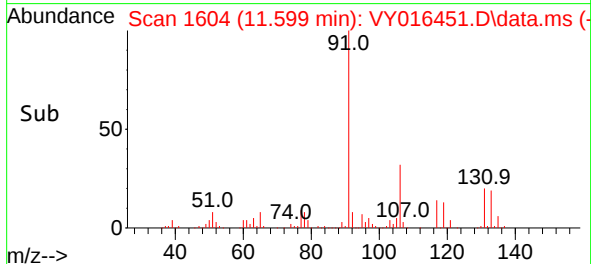
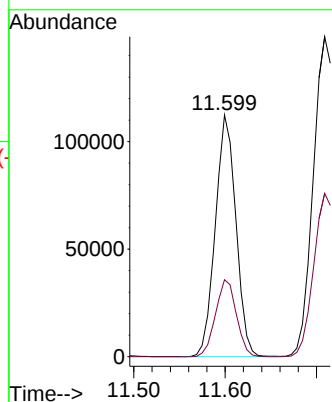
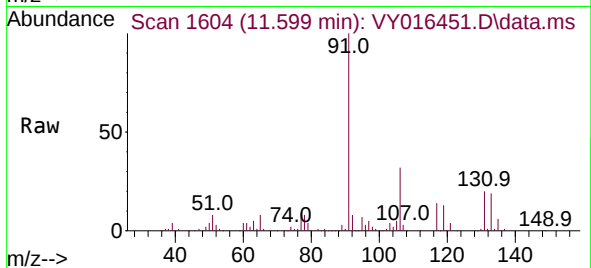
ClientSampleId :

Tgt Ion: 91 Resp: 175867

Ion Ratio Lower Upper

91 100

106 31.9 24.6 36.8



#68

m/p-Xylenes

Concen: 42.954 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016451.D

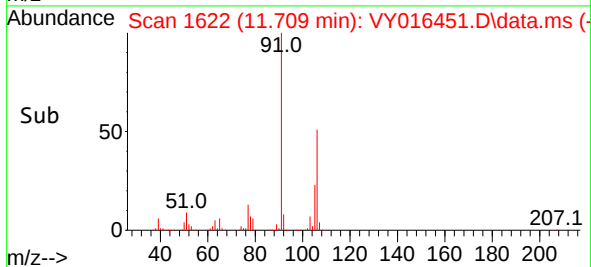
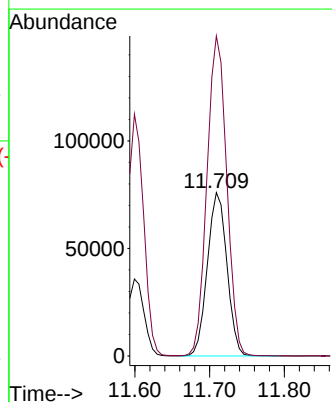
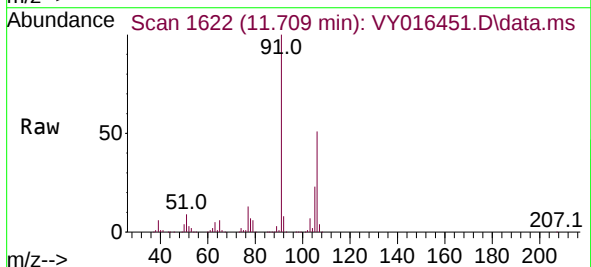
Acq: 22 Nov 2023 10:12

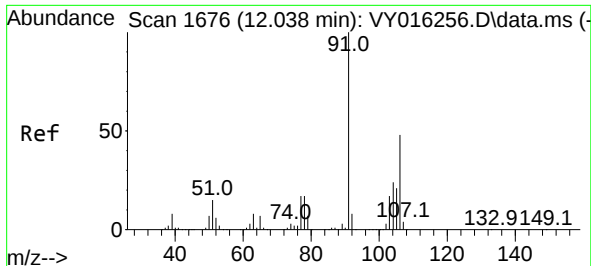
Tgt Ion:106 Resp: 137904

Ion Ratio Lower Upper

106 100

91 197.7 166.1 249.1

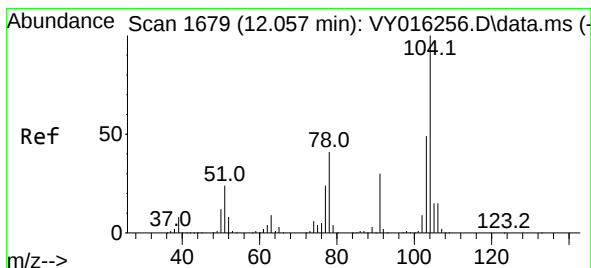
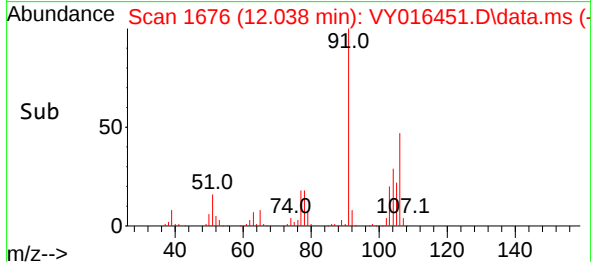
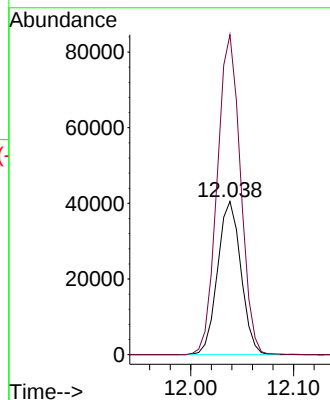
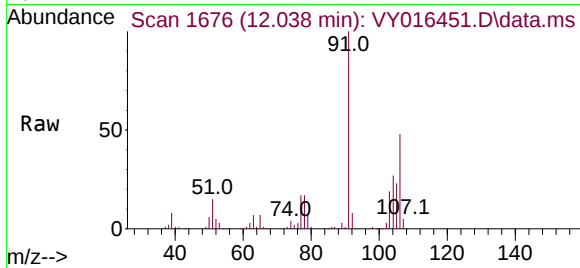




#69
o-Xylene
Concen: 21.424 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

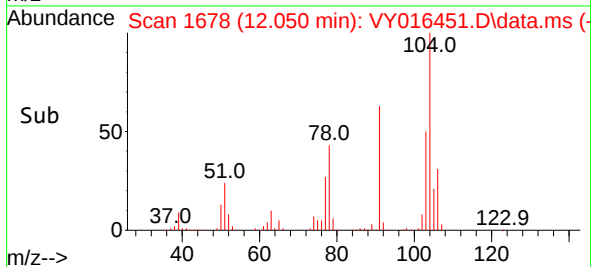
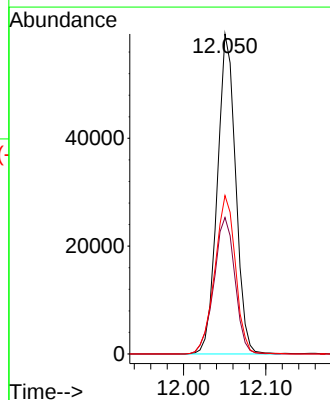
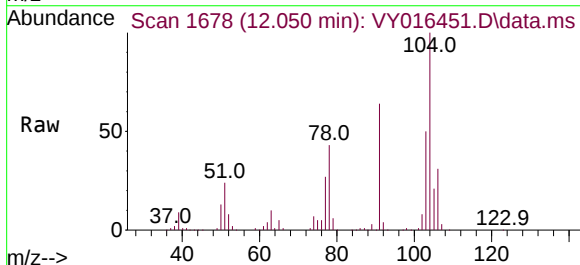
Instrument :
MSVOA_Y
ClientSampleId :

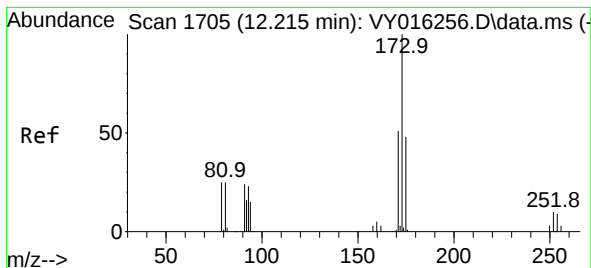
Tgt Ion:106 Resp: 63861
Ion Ratio Lower Upper
106 100
91 208.7 108.1 324.3



#70
Styrene
Concen: 21.556 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion:104 Resp: 92004
Ion Ratio Lower Upper
104 100
78 48.6 41.5 62.3
103 55.8 44.6 67.0





#71

Bromoform

Concen: 21.331 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

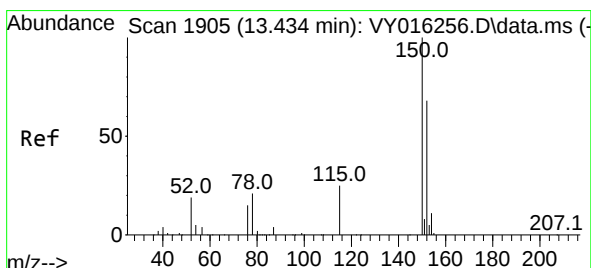
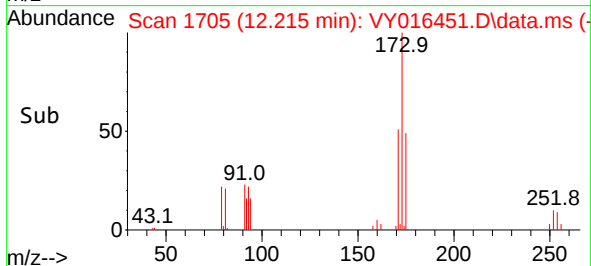
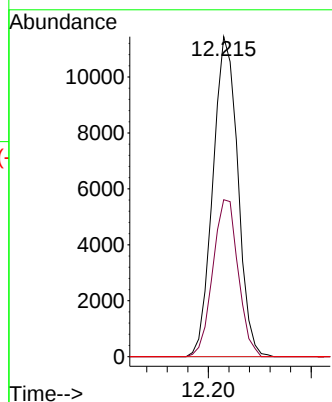
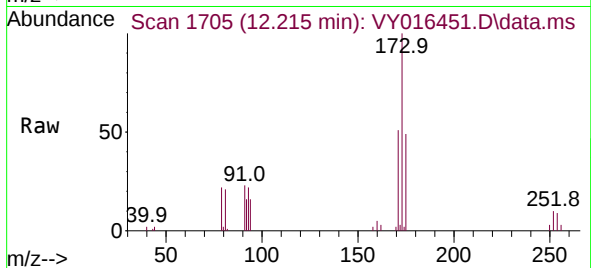
Tgt Ion:173 Resp: 19228

Ion Ratio Lower Upper

173 100

175 49.9 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

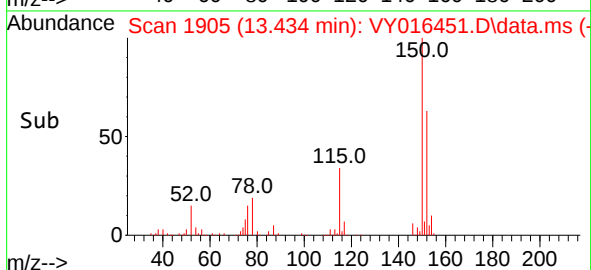
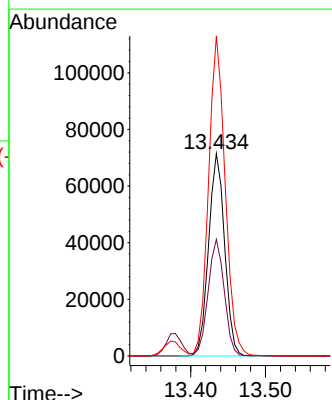
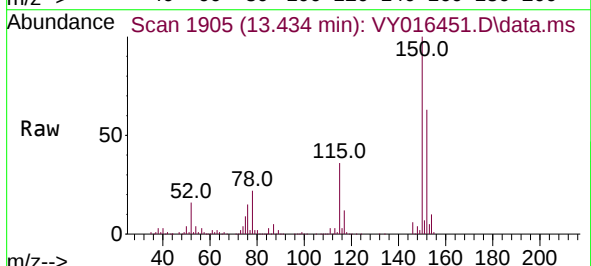
Tgt Ion:152 Resp: 106613

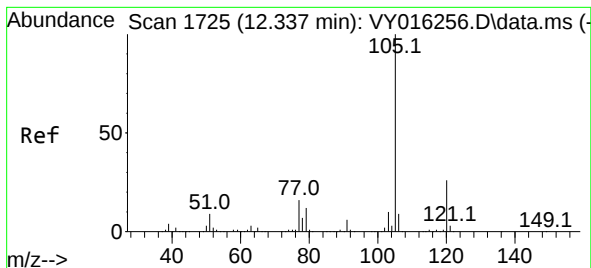
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 163.9 0.0 348.8





#73

Isopropylbenzene

Concen: 20.288 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

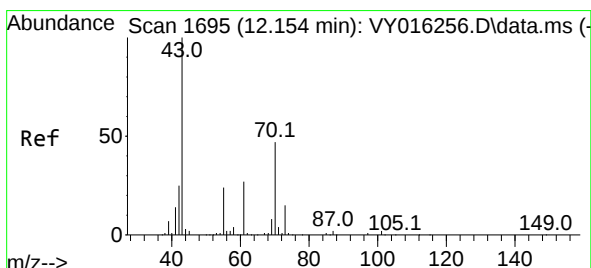
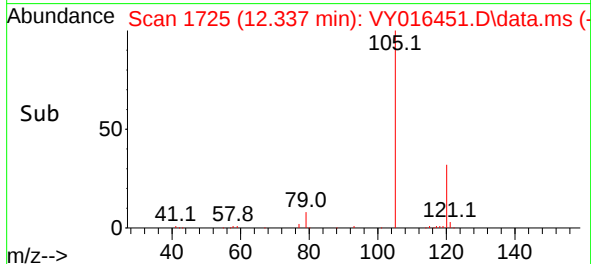
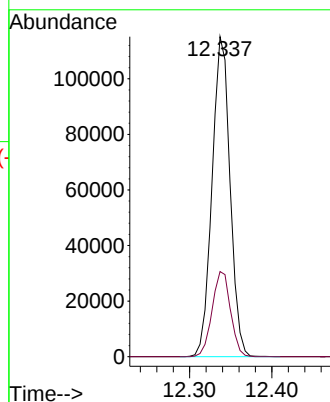
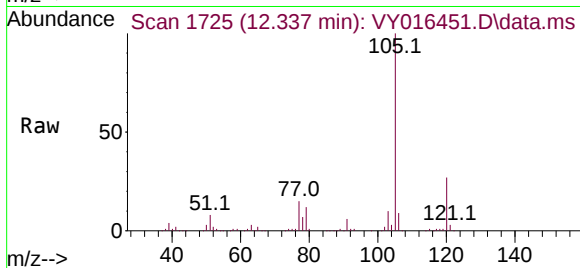
ClientSampleId :

Tgt Ion:105 Resp: 175157

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 15.855 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Tgt Ion: 43 Resp: 27495

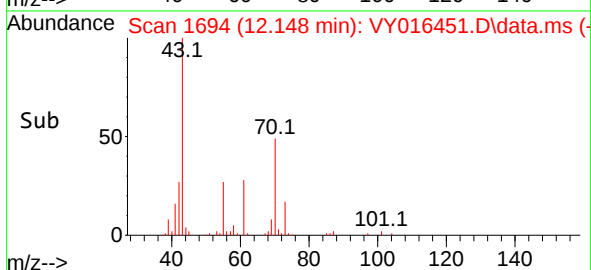
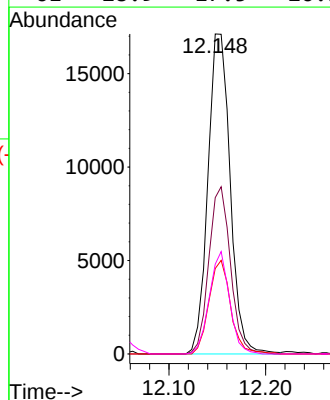
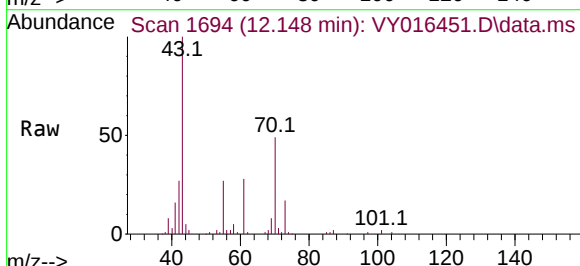
Ion Ratio Lower Upper

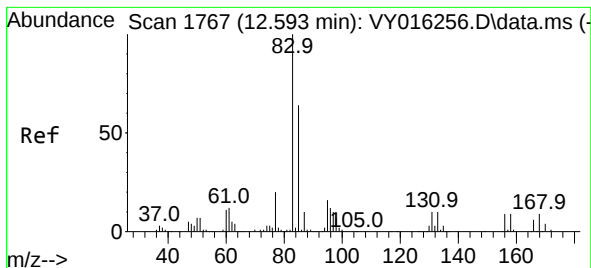
43 100

70 50.7 29.7 44.5#

55 28.4 18.3 27.5#

61 28.9 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 18.697 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

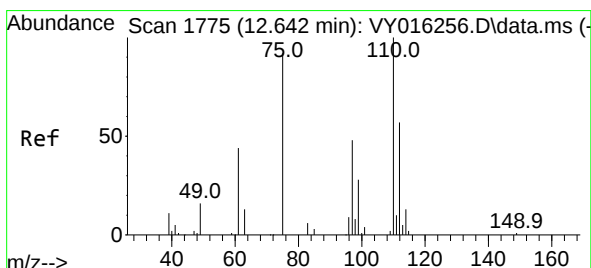
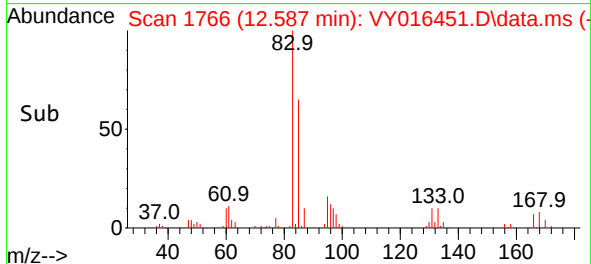
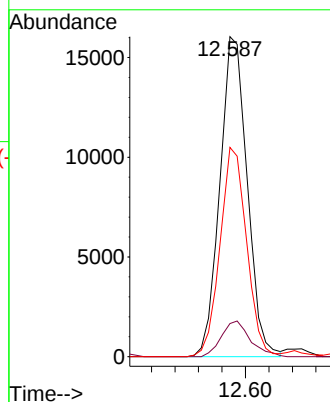
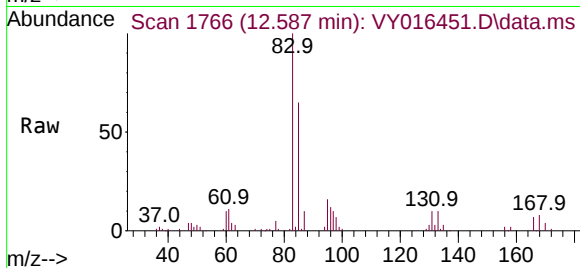
Tgt Ion: 83 Resp: 25901

Ion Ratio Lower Upper

83 100

131 11.8 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 33.951 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016451.D

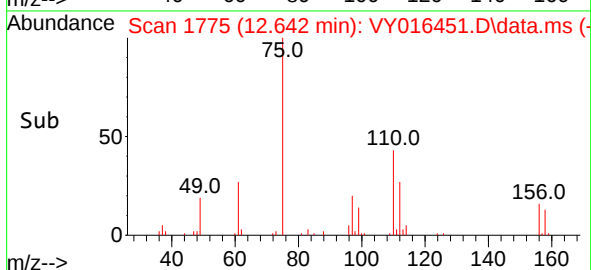
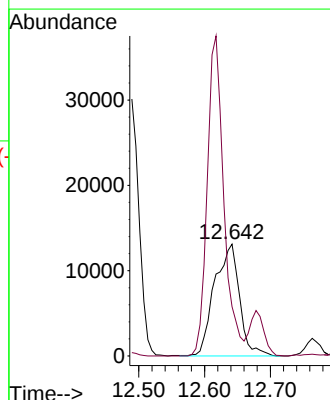
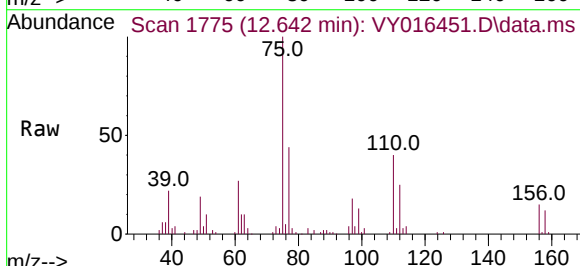
Acq: 22 Nov 2023 10:12

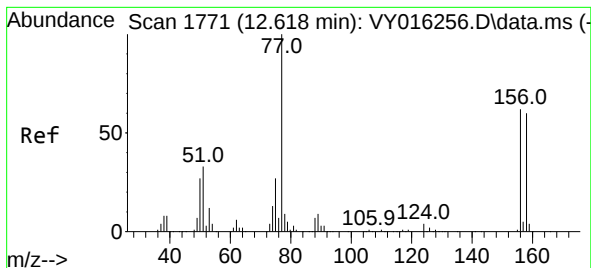
Tgt Ion: 75 Resp: 34723

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.760 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

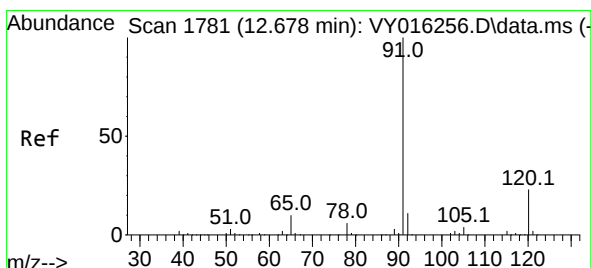
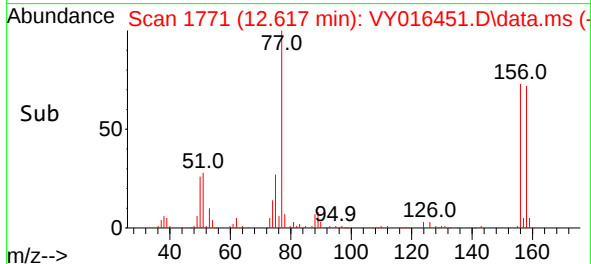
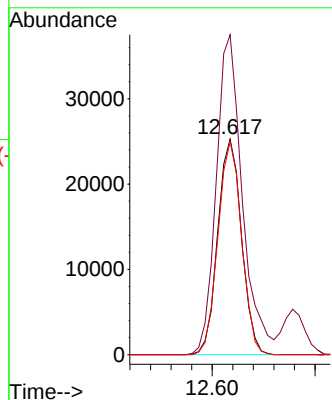
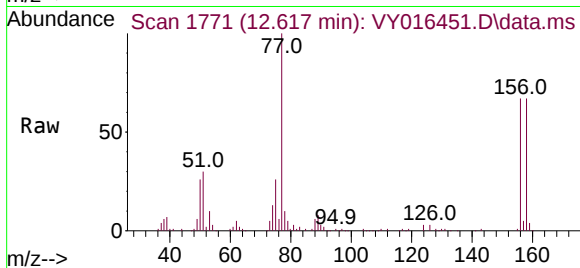
Tgt Ion:156 Resp: 40508

Ion Ratio Lower Upper

156 100

77 163.1 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 20.005 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016451.D

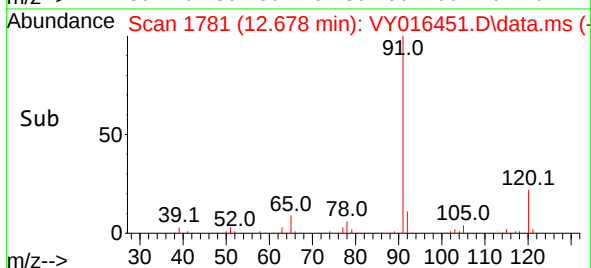
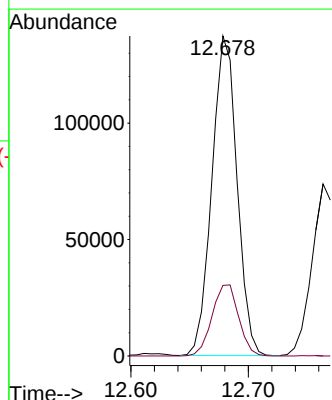
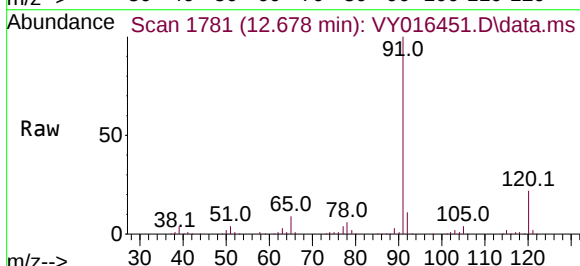
Acq: 22 Nov 2023 10:12

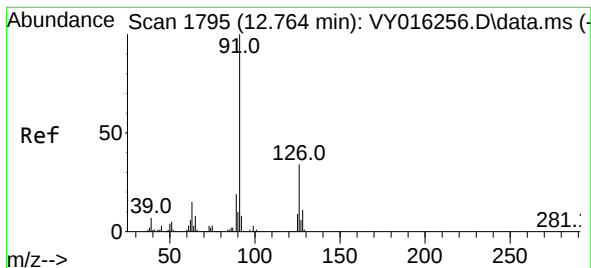
Tgt Ion: 91 Resp: 204104

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.084 ug/l

RT: 12.764 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

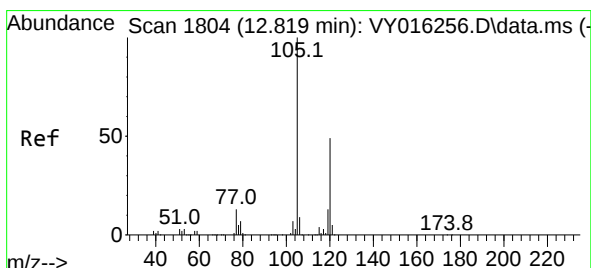
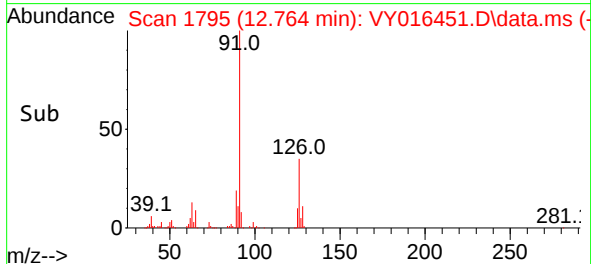
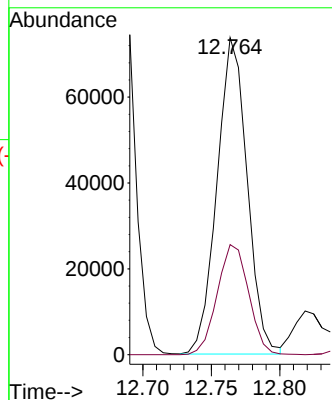
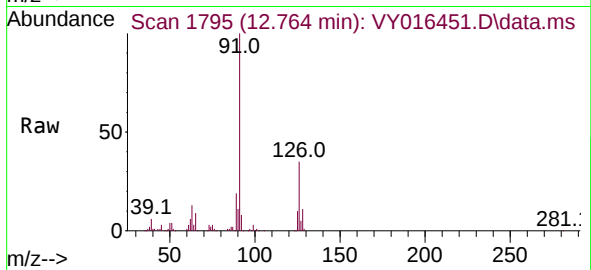
ClientSampleId :

Tgt Ion: 91 Resp: 112928

Ion Ratio Lower Upper

91 100

126 36.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.752 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY016451.D

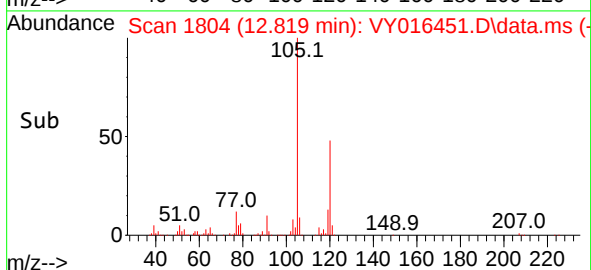
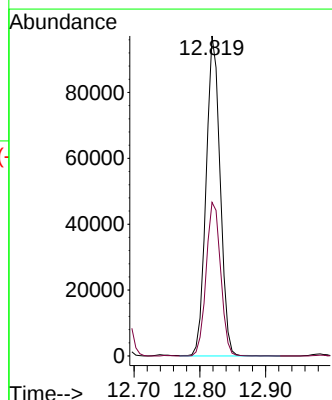
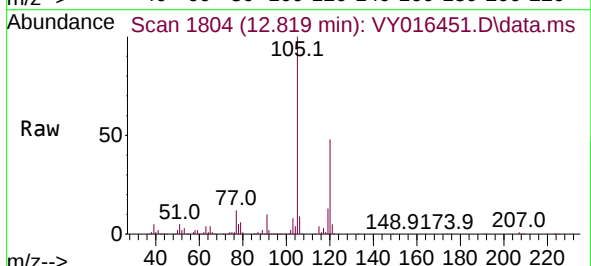
Acq: 22 Nov 2023 10:12

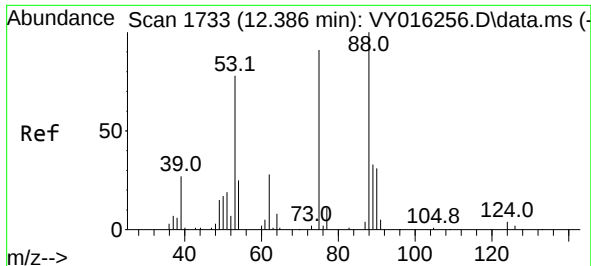
Tgt Ion:105 Resp: 144446

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7

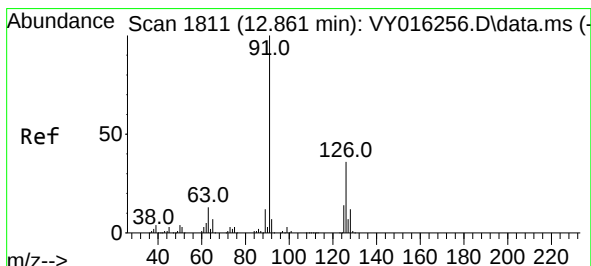
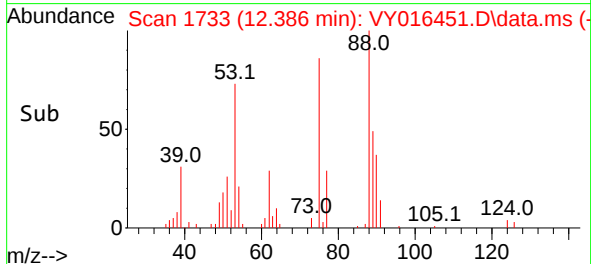
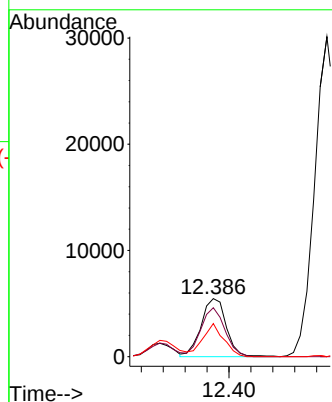
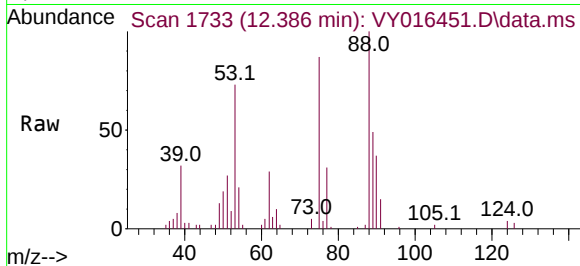




#81
trans-1,4-Dichloro-2-butene
Concen: 18.496 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

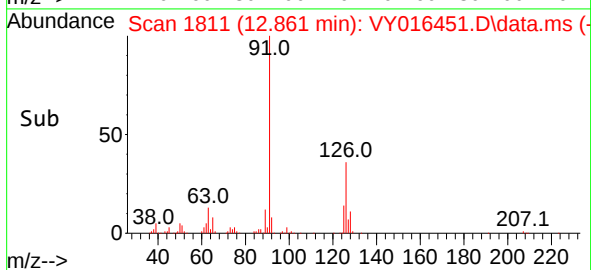
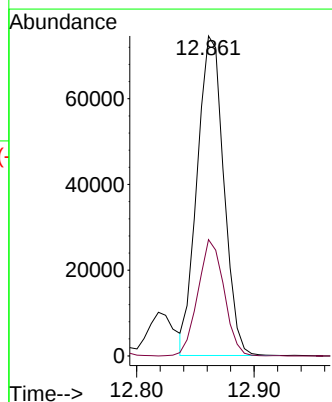
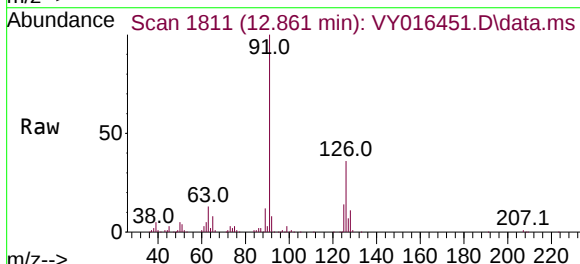
Instrument :
MSVOA_Y
ClientSampleId :

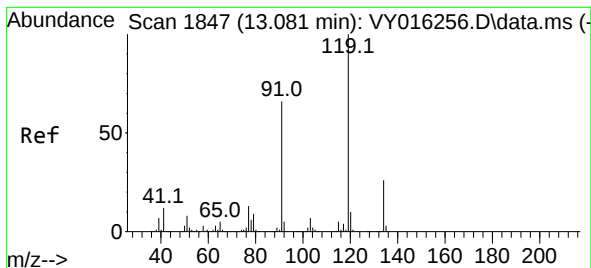
Tgt Ion: 75 Resp: 8715
Ion Ratio Lower Upper
75 100
53 80.2 77.8 116.8
89 47.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.189 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion: 91 Resp: 117297
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.759 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

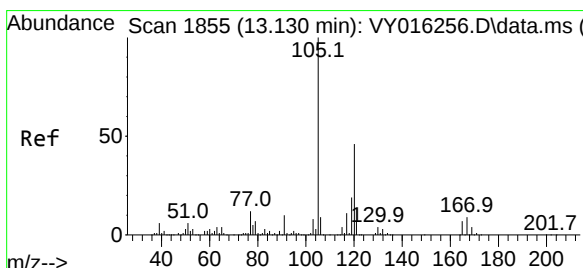
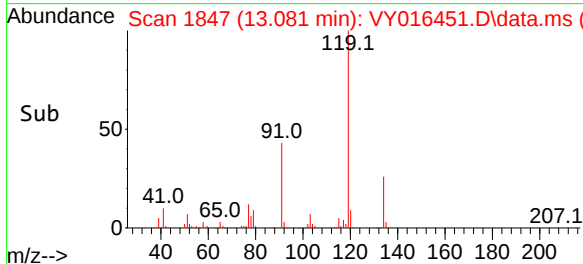
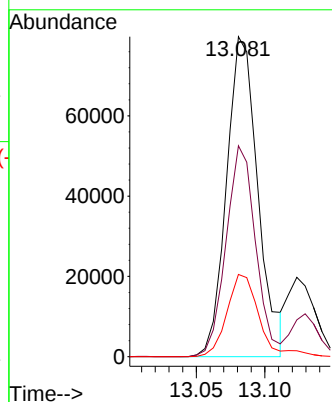
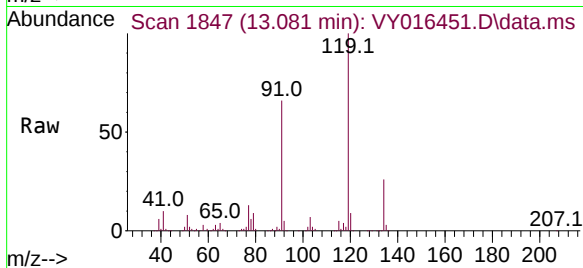
Tgt Ion:119 Resp: 127273

Ion Ratio Lower Upper

119 100

91 62.2 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.616 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016451.D

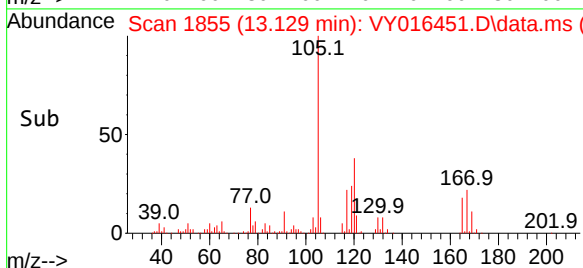
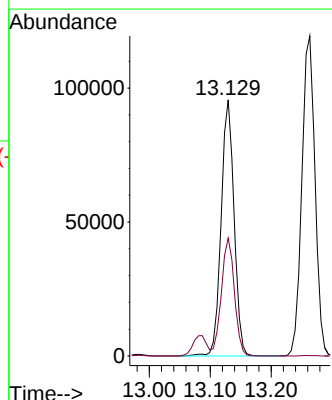
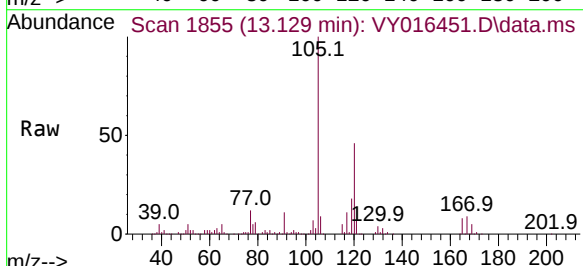
Acq: 22 Nov 2023 10:12

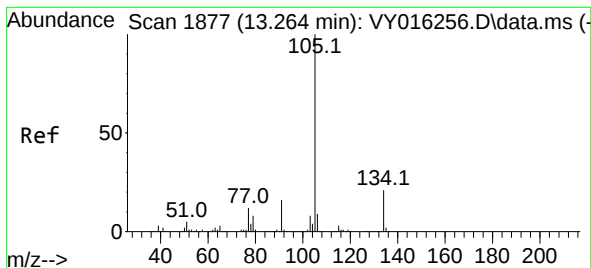
Tgt Ion:105 Resp: 141294

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.426 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

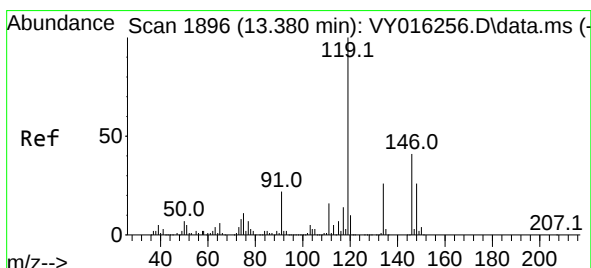
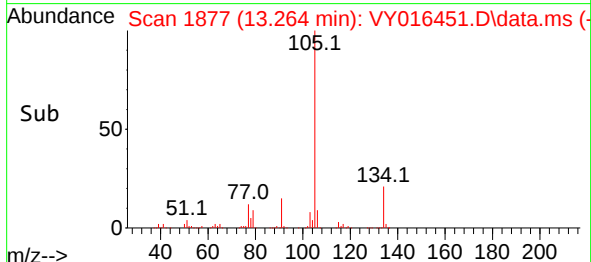
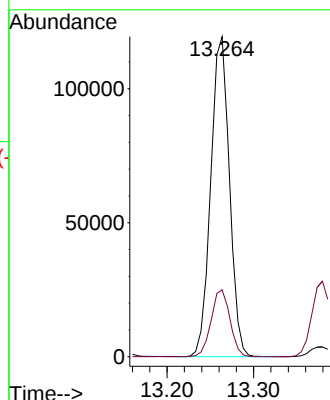
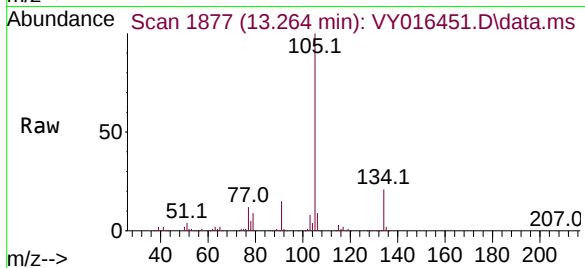
ClientSampleId :

Tgt Ion:105 Resp: 178913

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.892 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

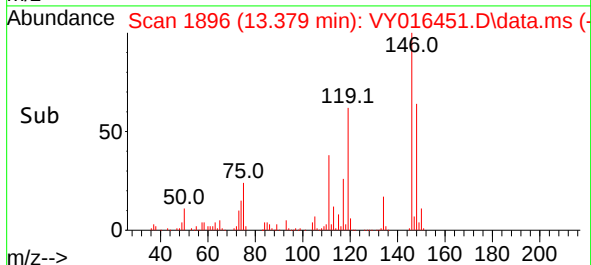
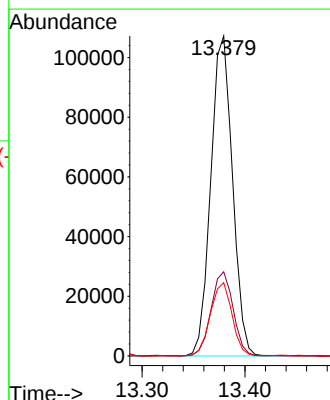
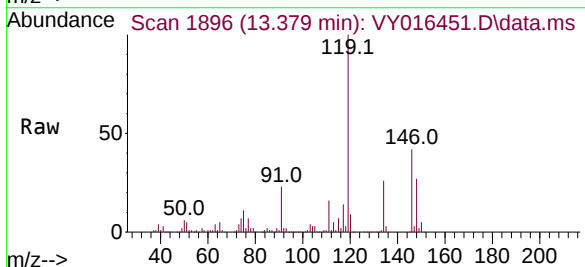
Tgt Ion:119 Resp: 157567

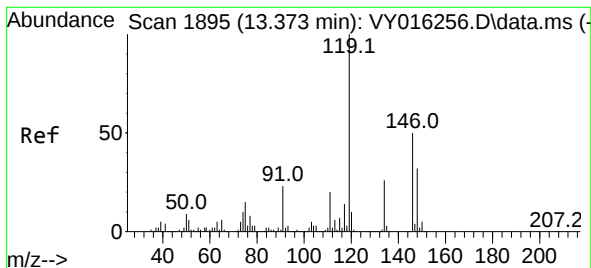
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.865 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

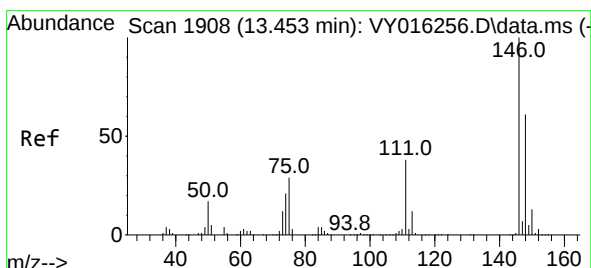
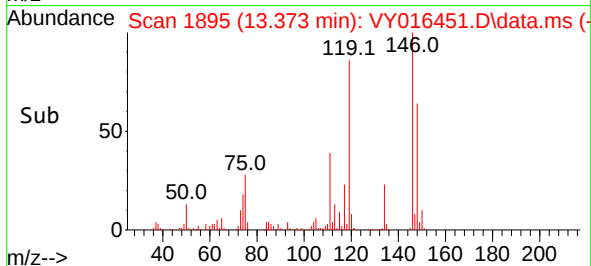
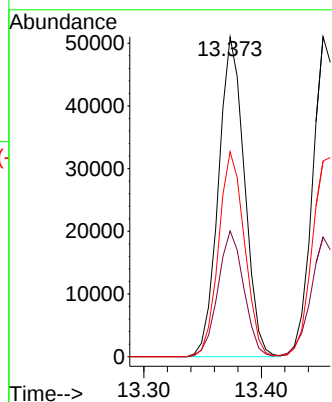
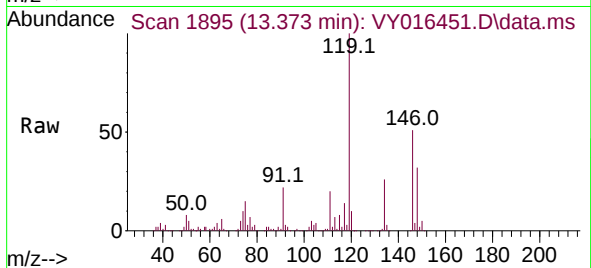
Tgt Ion:146 Resp: 78324

Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.192 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

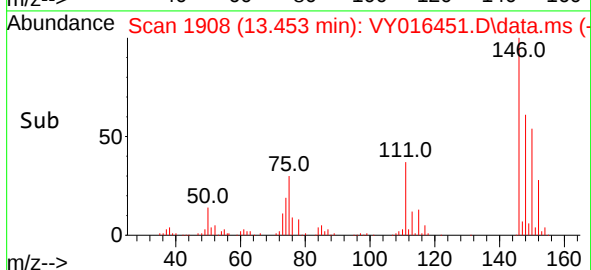
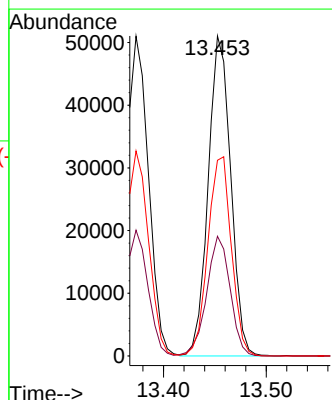
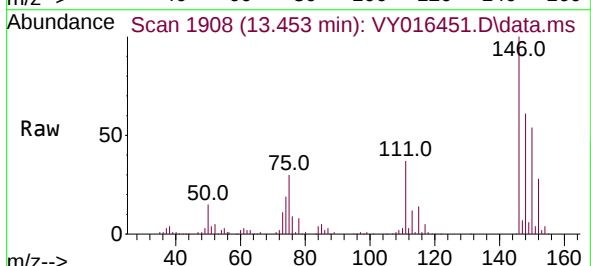
Tgt Ion:146 Resp: 77747

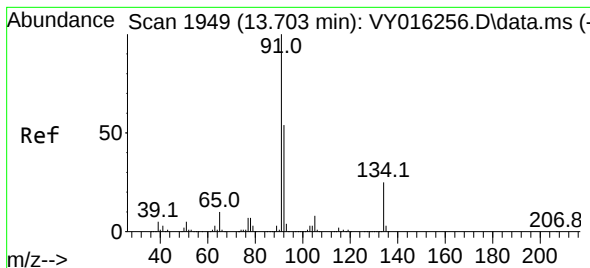
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.089 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016451.D

Acq: 22 Nov 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

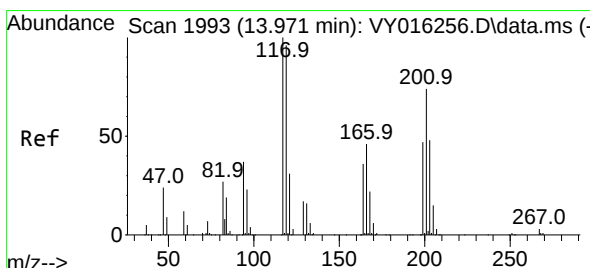
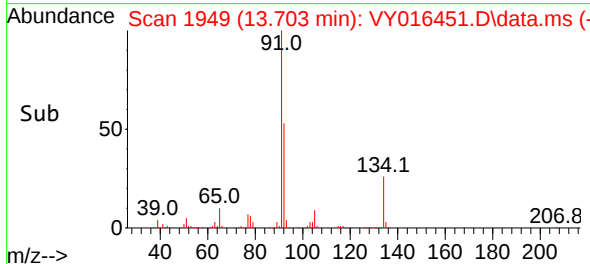
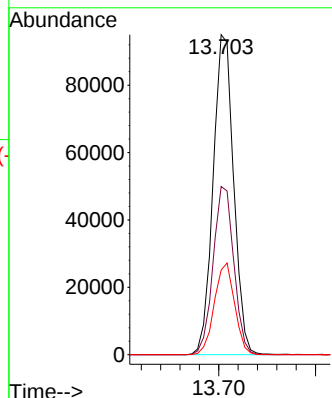
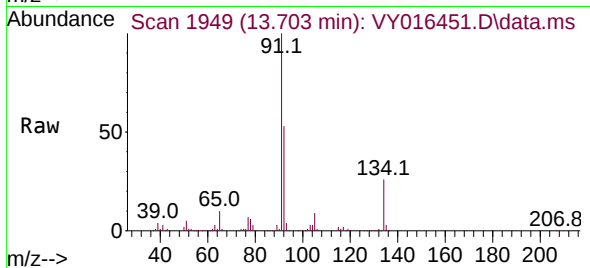
Tgt Ion: 91 Resp: 139924

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 28.2 12.6 37.6



#90

Hexachloroethane

Concen: 20.467 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016451.D

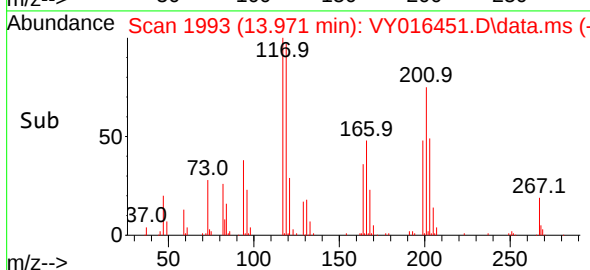
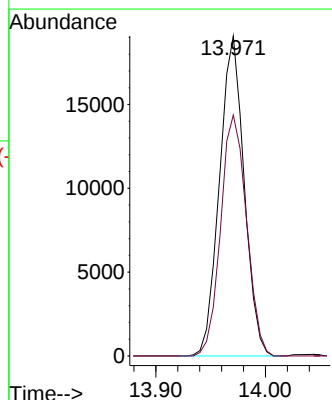
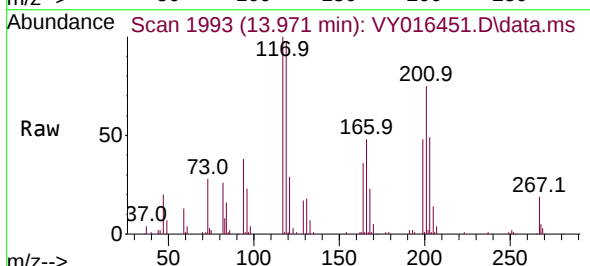
Acq: 22 Nov 2023 10:12

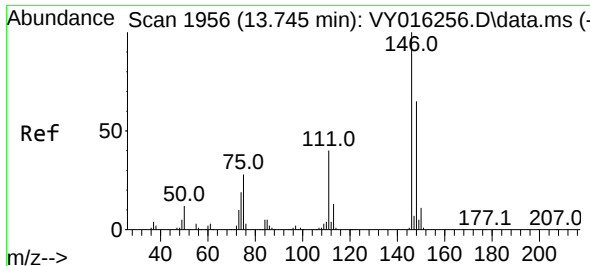
Tgt Ion: 117 Resp: 29777

Ion Ratio Lower Upper

117 100

201 78.8 41.6 124.8

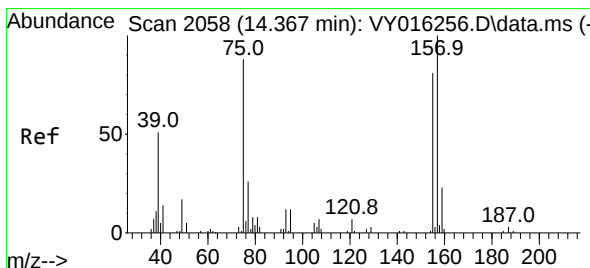
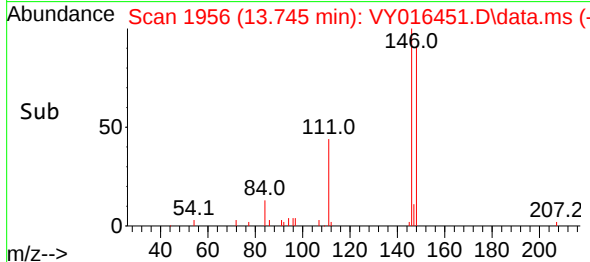
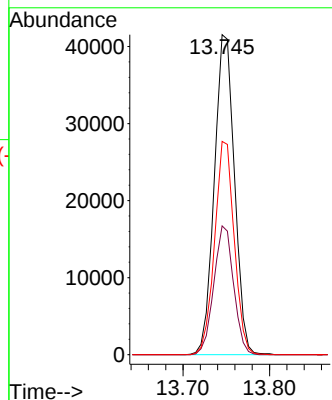
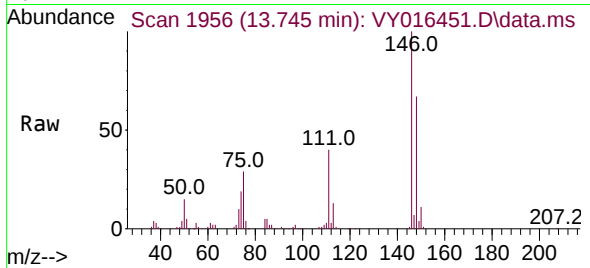




#91
1,2-Dichlorobenzene
Concen: 20.874 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

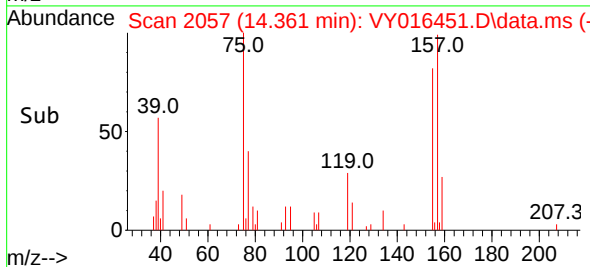
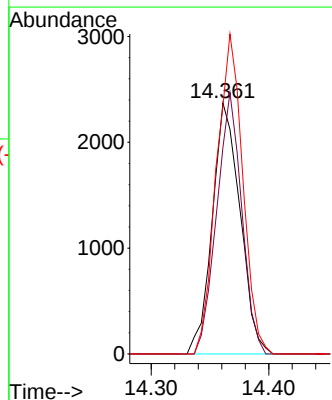
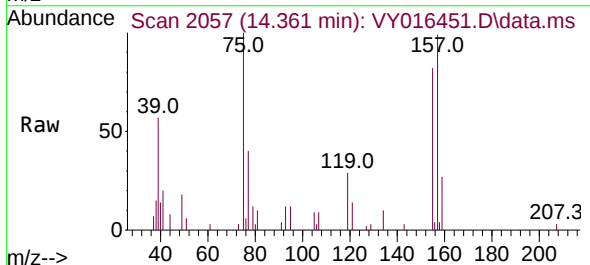
Instrument :
MSVOA_Y
ClientSampleId :

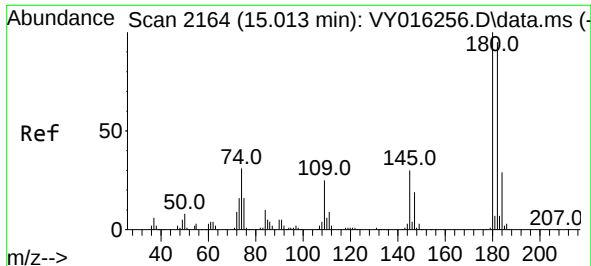
Tgt Ion:146 Resp: 67145
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 64.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.676 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

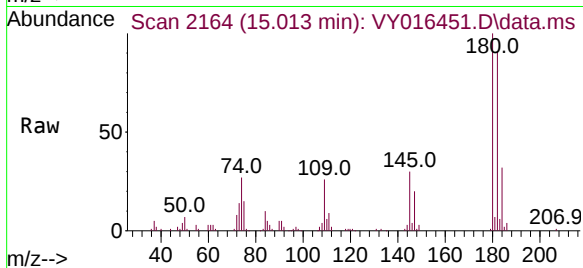
Tgt Ion: 75 Resp: 3896
Ion Ratio Lower Upper
75 100
155 93.6 41.5 124.6
157 120.5 51.8 155.5



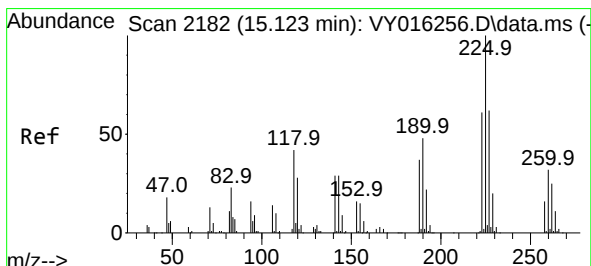
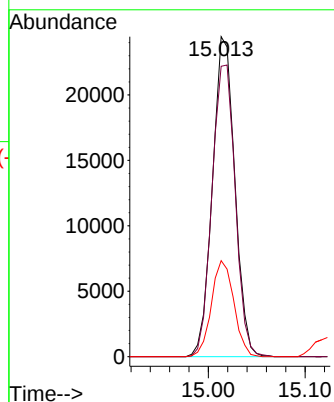
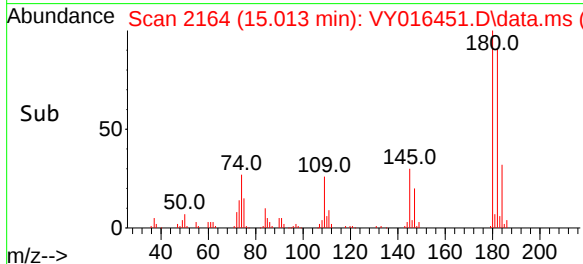


#93
 1,2,4-Trichlorobenzene
 Concen: 20.907 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. -0.000 min
 Lab File: VY016451.D
 Acq: 22 Nov 2023 10:12

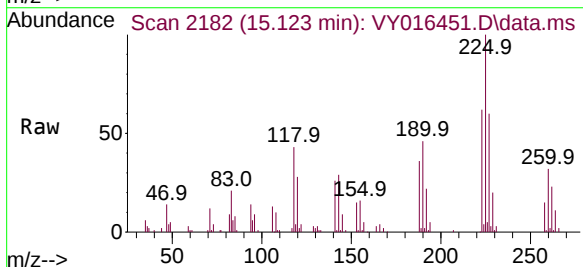
Instrument :
 MSVOA_Y
 ClientSampleId :



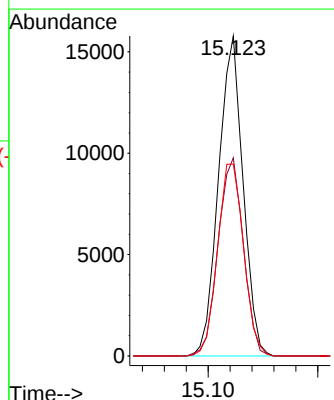
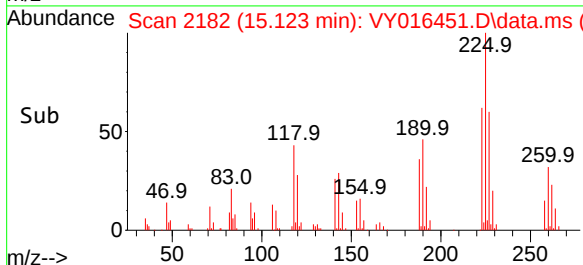
Tgt Ion:180 Resp: 39256
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.0 141.2
 145 30.2 14.5 43.5

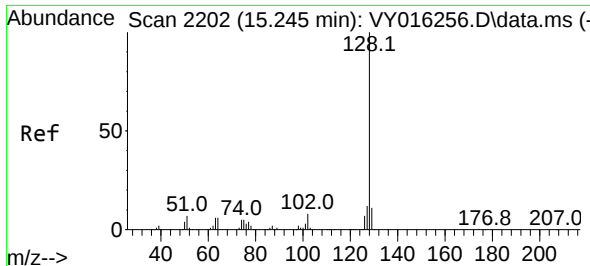


#94
 Hexachlorobutadiene
 Concen: 22.753 ug/l
 RT: 15.123 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY016451.D
 Acq: 22 Nov 2023 10:12



Tgt Ion:225 Resp: 24476
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.9
 227 64.1 33.0 98.9

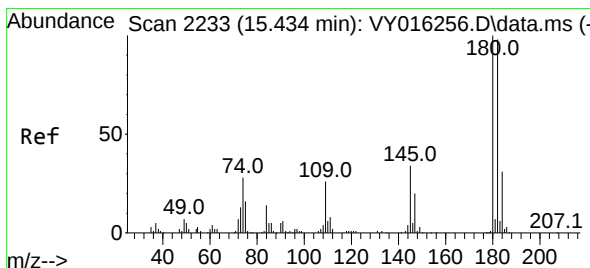
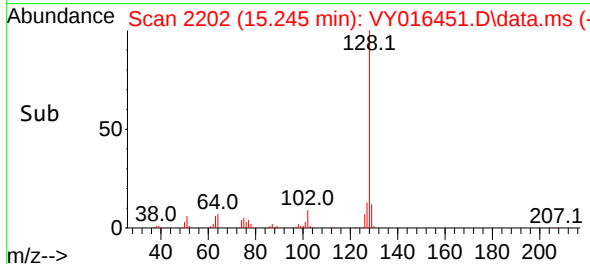
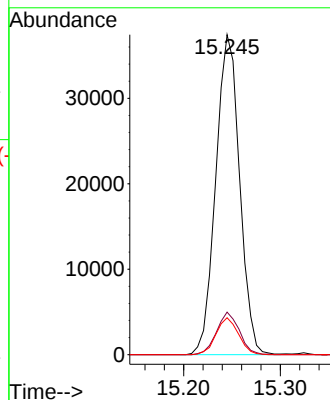
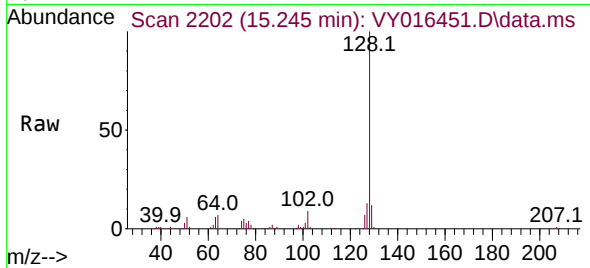




#95
Naphthalene
Concen: 19.074 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	128	Resp:	64053
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.8	16.2
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.701 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016451.D
Acq: 22 Nov 2023 10:12

Tgt Ion:	180	Resp:	32149
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.3	141.8
145	32.3	15.4	46.2

