

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016476.D
 Acq On : 24 Nov 2023 11:05
 Operator : SY/MD
 Sample : VY1124SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:42:47 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	151131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66902	48.435	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.860%
35) Dibromofluoromethane	7.728	113	75579	56.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.280%
50) Toluene-d8	10.185	98	281806	51.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.240%
62) 4-Bromofluorobenzene	12.483	95	96277	54.300	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	33719	22.786	ug/l	99
3) Chloromethane	2.113	50	34047	19.645	ug/l	100
4) Vinyl Chloride	2.253	62	38011	20.396	ug/l	95
5) Bromomethane	2.656	94	25422	20.757	ug/l	99
6) Chloroethane	2.796	64	23960	20.149	ug/l	98
7) Trichlorofluoromethane	3.131	101	60958	22.483	ug/l	93
8) Diethyl Ether	3.534	74	16651	20.548	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.906	101	34251	20.974	ug/l	98
10) Methyl Iodide	4.101	142	39264	22.262	ug/l	97
11) Tert butyl alcohol	4.960	59	9708	89.752	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	32879	21.528	ug/l #	80
13) Acrolein	3.735	56	9222	70.685	ug/l	100
14) Allyl chloride	4.491	41	39584	18.265	ug/l #	89
15) Acrylonitrile	5.168	53	30583	95.100	ug/l	98
16) Acetone	3.954	43	29378	128.580	ug/l #	86
17) Carbon Disulfide	4.204	76	99886	21.677	ug/l	99
18) Methyl Acetate	4.485	43	21803	17.959	ug/l #	84
19) Methyl tert-butyl Ether	5.228	73	72386	19.583	ug/l	94
20) Methylene Chloride	4.729	84	40354	23.131	ug/l #	81
21) trans-1,2-Dichloroethene	5.235	96	36675	20.857	ug/l	86
22) Diisopropyl ether	6.131	45	85621	18.332	ug/l #	86
23) Vinyl Acetate	6.070	43	200028	88.385	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	58165	20.186	ug/l	95
25) 2-Butanone	6.990	43	42013	104.981	ug/l #	83
26) 2,2-Dichloropropane	6.990	77	55874	21.306	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	40649	21.450	ug/l	88
28) Bromochloromethane	7.338	49	20319	19.053	ug/l #	70
29) Tetrahydrofuran	7.356	42	22624	85.530	ug/l #	79
30) Chloroform	7.515	83	63929	21.315	ug/l	97
31) Cyclohexane	7.795	56	52180	19.187	ug/l #	79
32) 1,1,1-Trichloroethane	7.710	97	59795	21.749	ug/l	94
36) 1,1-Dichloropropene	7.923	75	50079	21.423	ug/l	98
37) Ethyl Acetate	7.082	43	16323	17.282	ug/l #	89
38) Carbon Tetrachloride	7.905	117	56570	23.318	ug/l	99
39) Methylcyclohexane	9.191	83	61461	21.101	ug/l	90
40) Benzene	8.167	78	143754	21.889	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9381	19.699	ug/l #	67
42) 1,2-Dichloroethane	8.246	62	35274	20.729	ug/l	89
43) Isopropyl Acetate	8.277	43	32173	17.622	ug/l #	85
44) Trichloroethene	8.947	130	42462	22.497	ug/l	97
45) 1,2-Dichloropropane	9.222	63	32566	20.647	ug/l	98
46) Dibromomethane	9.313	93	18186	21.277	ug/l	99
47) Bromodichloromethane	9.502	83	47622	21.672	ug/l	99
48) Methyl methacrylate	9.301	41	17941	17.781	ug/l #	80
49) 1,4-Dioxane	9.307	88	3572	393.651	ug/l #	67
51) 4-Methyl-2-Pentanone	10.075	43	82667	89.543	ug/l #	86
52) Toluene	10.252	92	92378	22.252	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	44304	20.798	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	53534	21.041	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	25621	21.749	ug/l	96
56) Ethyl methacrylate	10.514	69	21799	19.603	ug/l #	79
57) 1,3-Dichloropropane	10.795	76	42144	20.987	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	70077	92.935	ug/l #	89
59) 2-Hexanone	10.837	43	70195	102.220	ug/l	83
60) Dibromochloromethane	10.990	129	33556	22.776	ug/l	99
61) 1,2-Dibromoethane	11.093	107	24665	21.976	ug/l	100
64) Tetrachloroethene	10.727	164	43082	23.274	ug/l	97
65) Chlorobenzene	11.520	112	99065	22.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	37154	22.870	ug/l	98
67) Ethyl Benzene	11.599	91	172148	21.747	ug/l	97
68) m/p-Xylenes	11.709	106	134816	44.903	ug/l	93
69) o-Xylene	12.032	106	62020	22.249	ug/l	96
70) Styrene	12.050	104	89674	22.466	ug/l	97
71) Bromoform	12.215	173	19486	23.116	ug/l #	100
73) Isopropylbenzene	12.331	105	170486	20.685	ug/l	99
74) N-amyl acetate	12.148	43	26812	16.195	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	26049	19.696	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	34825	35.668	ug/l #	100
77) Bromobenzene	12.611	156	39254	21.073	ug/l	89
78) n-propylbenzene	12.678	91	198225	20.351	ug/l	97
79) 2-Chlorotoluene	12.764	91	110787	20.639	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	140813	21.190	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	8716	19.377	ug/l	87
82) 4-Chlorotoluene	12.861	91	115204	20.770	ug/l	97
83) tert-Butylbenzene	13.081	119	124176	21.215	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	138142	21.112	ug/l	97
85) sec-Butylbenzene	13.258	105	174933	20.920	ug/l	99
86) p-Isopropyltoluene	13.373	119	152646	21.200	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	78041	21.776	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	74643	21.312	ug/l	99
89) n-Butylbenzene	13.703	91	135042	20.309	ug/l	96
90) Hexachloroethane	13.965	117	29780	21.441	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	65477	21.321	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3882	18.449	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	37686	21.024	ug/l	99
94) Hexachlorobutadiene	15.117	225	23414	22.799	ug/l	100
95) Naphthalene	15.239	128	61657	19.232	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	30522	20.586	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

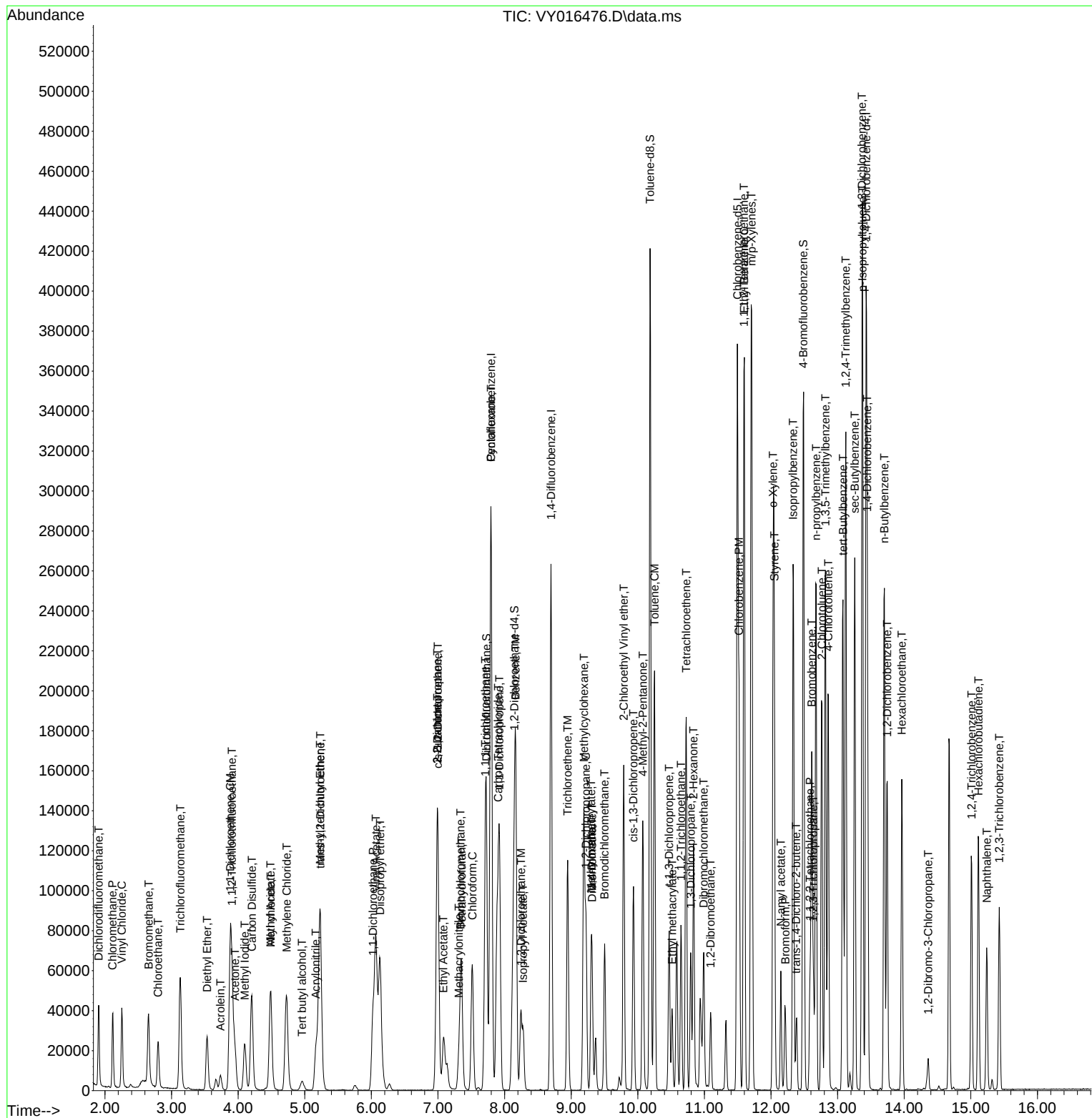
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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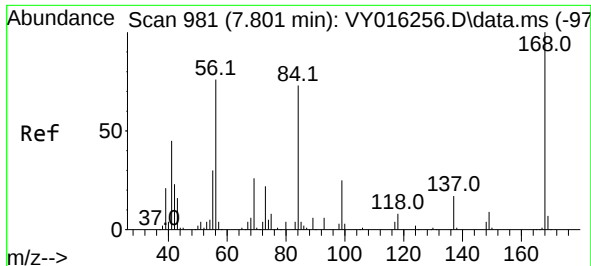
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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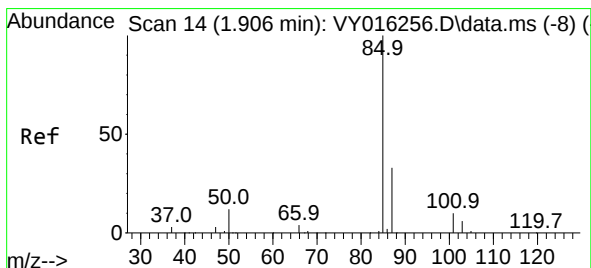
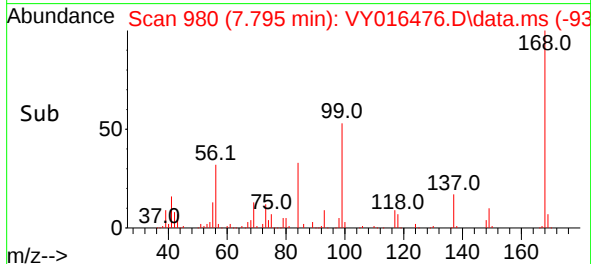
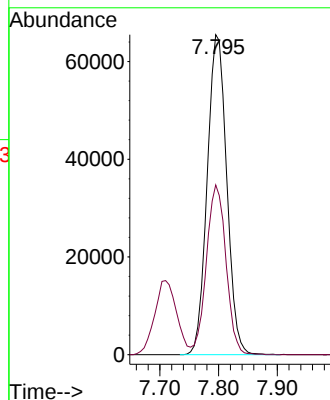
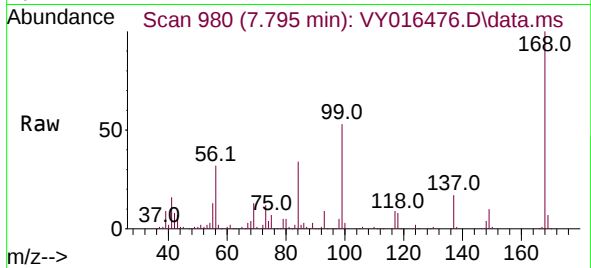




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016476.D
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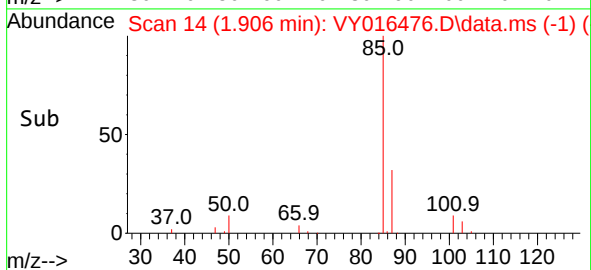
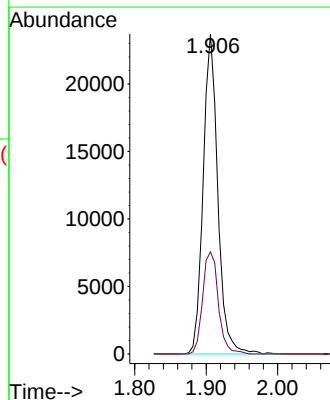
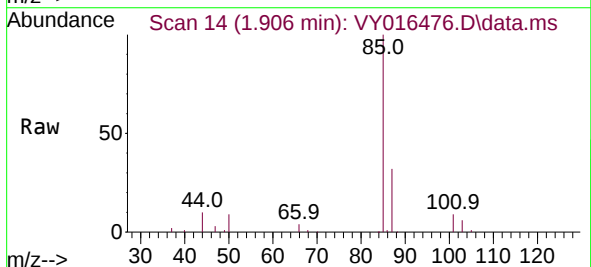
Instrument :
MSVOA_Y
ClientSampleId :

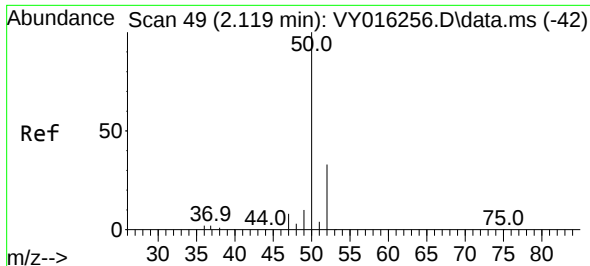
Tgt Ion:168 Resp: 151131
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.786 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 85 Resp: 33719
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

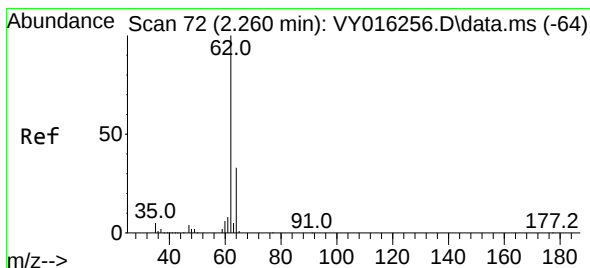
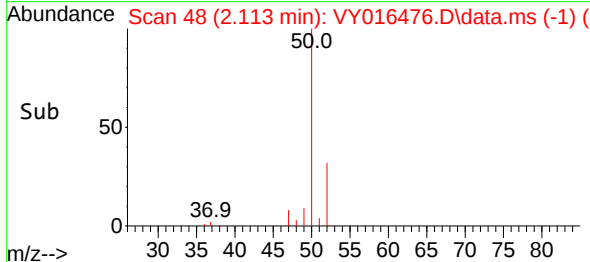
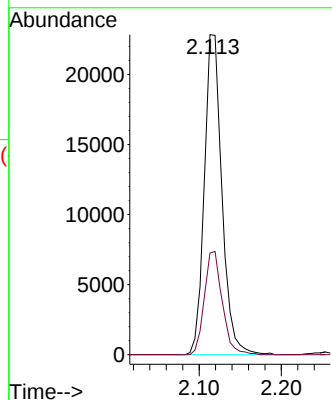
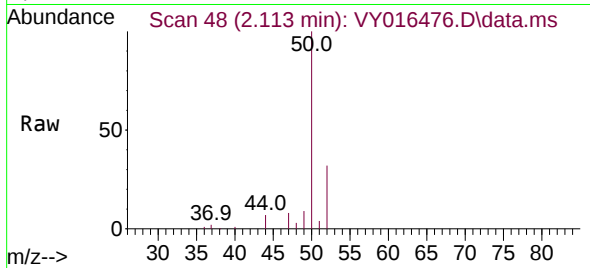




#3
Chloromethane
Concen: 19.645 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

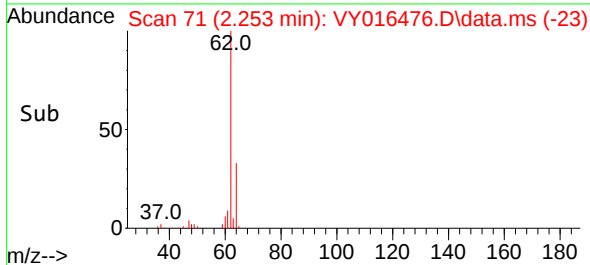
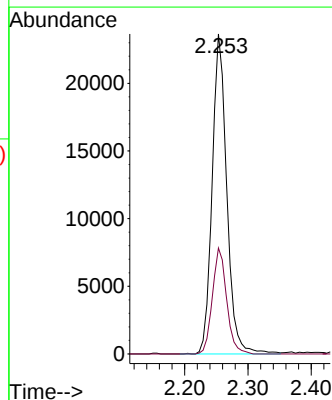
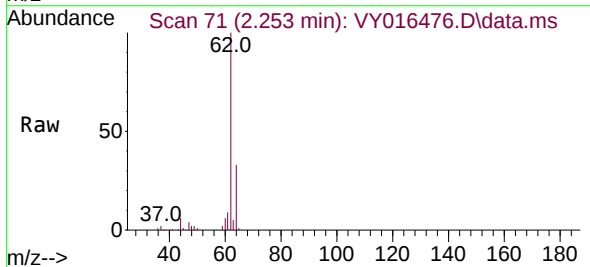
Instrument :
MSVOA_Y
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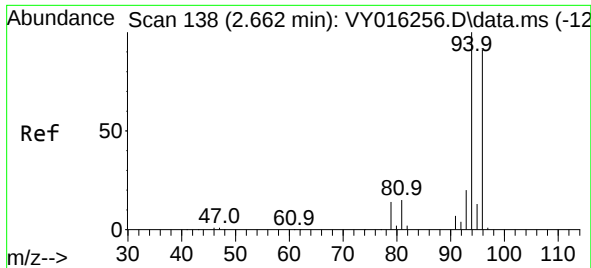
Tgt Ion: 50 Resp: 34047
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 20.396 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 62 Resp: 38011
Ion Ratio Lower Upper
62 100
64 33.1 24.3 36.5

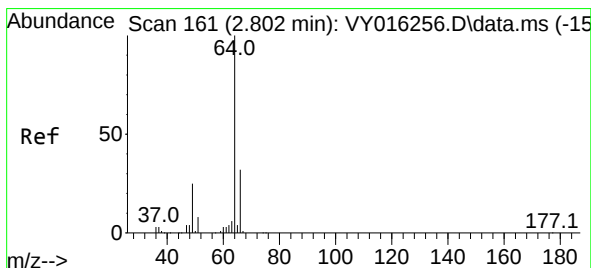
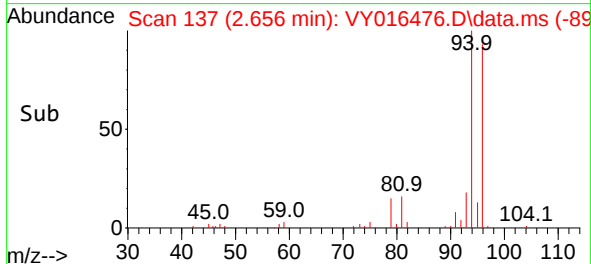
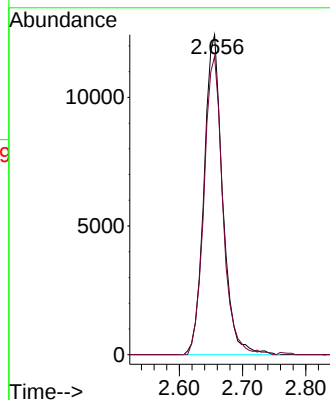
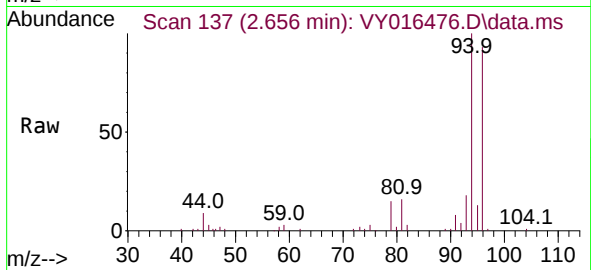




#5
Bromomethane
Concen: 20.757 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016476.D
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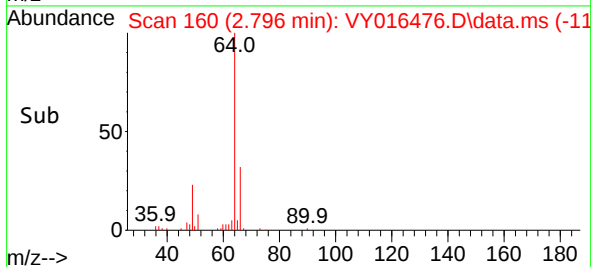
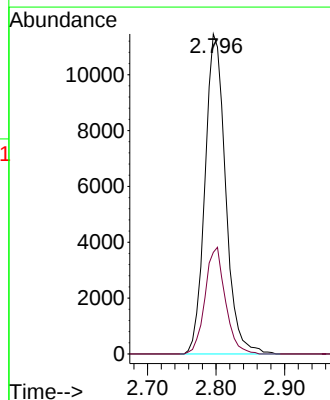
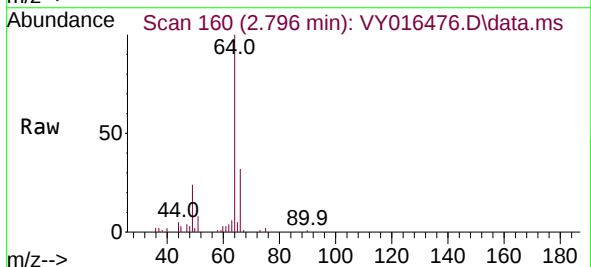
Instrument :
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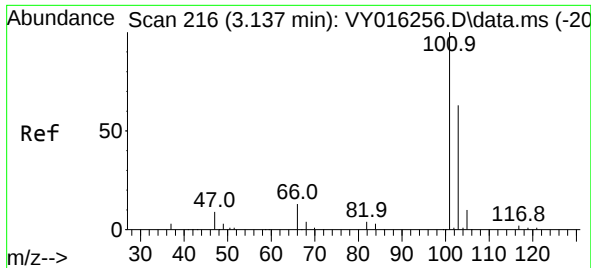
Tgt Ion: 94 Resp: 25422
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.6



#6
Chloroethane
Concen: 20.149 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016476.D
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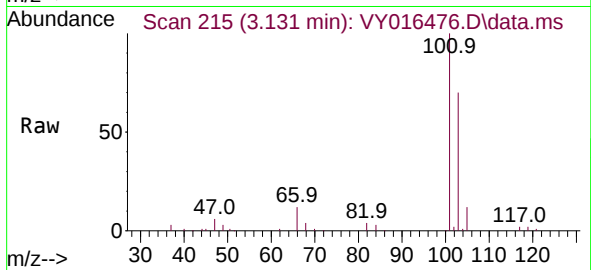
Tgt Ion: 64 Resp: 23960
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6



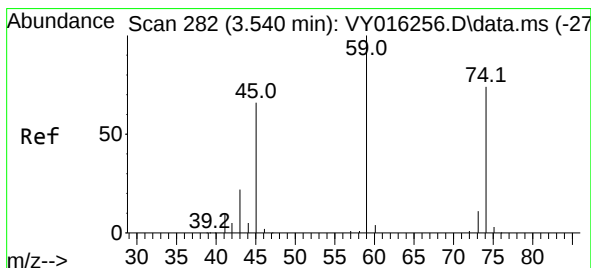
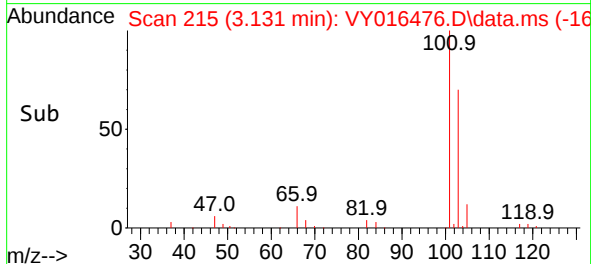
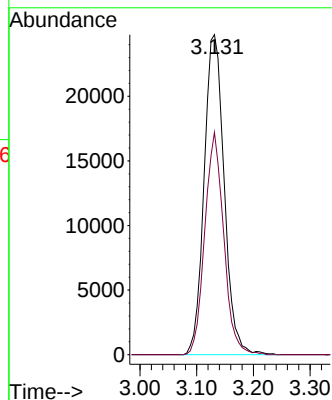


#7
Trichlorofluoromethane
Concen: 22.483 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Instrument :
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ClientSampleId :

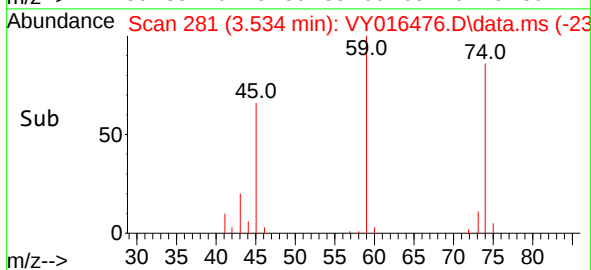
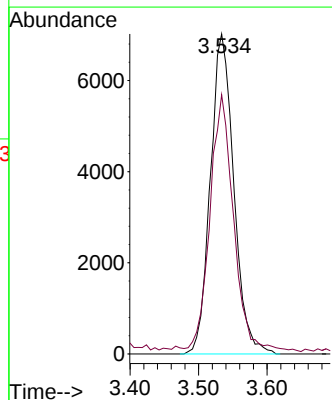
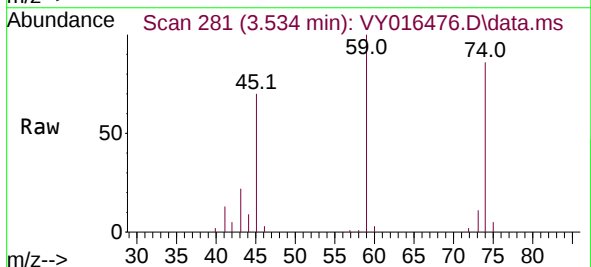


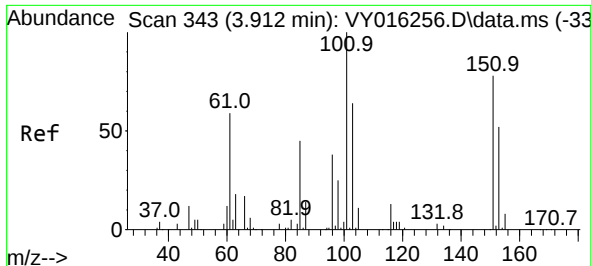
Tgt Ion:101 Resp: 60958
Ion Ratio Lower Upper
101 100
103 69.5 51.4 77.0



#8
Diethyl Ether
Concen: 20.548 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 16651
Ion Ratio Lower Upper
74 100
45 81.3 51.5 154.5

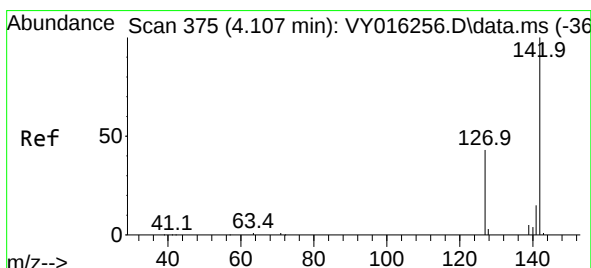
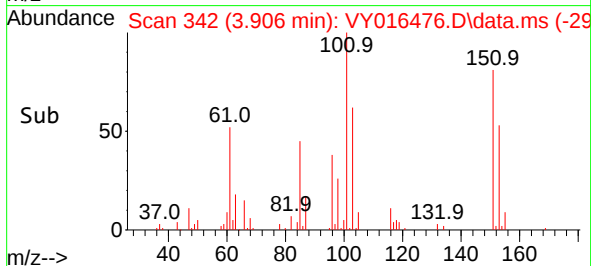
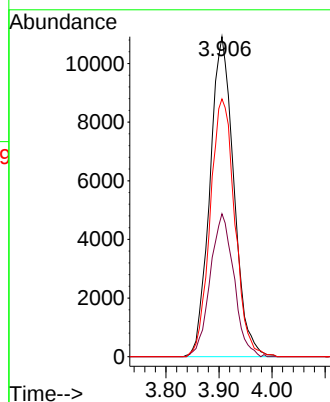
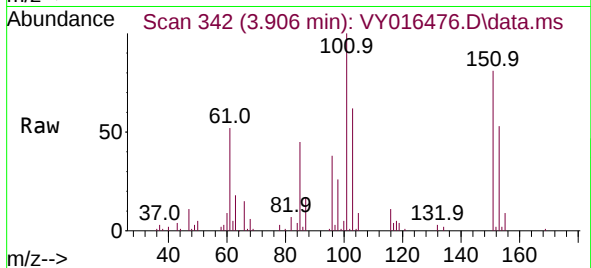




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.974 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

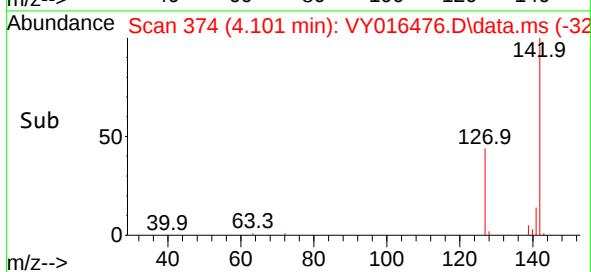
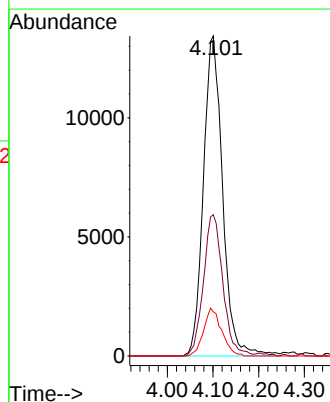
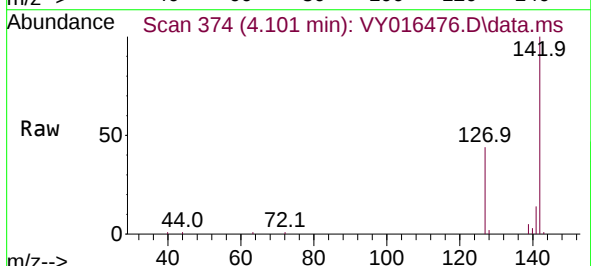
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 34251
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 82.9 67.0 100.6



#10
Methyl Iodide
Concen: 22.262 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion:142 Resp: 39264
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 14.0 11.8 17.8

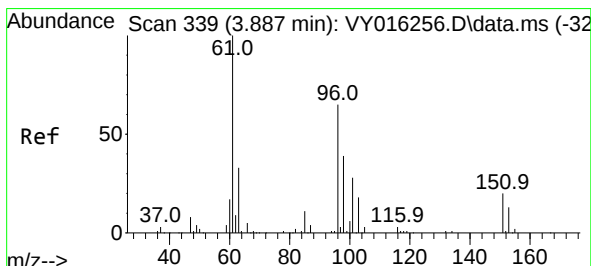
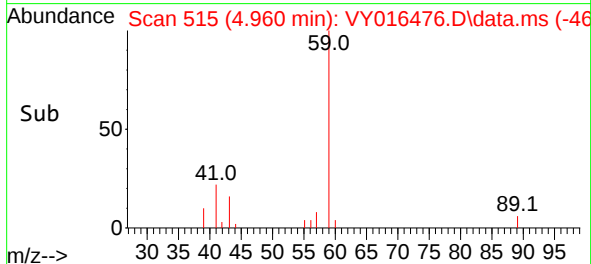
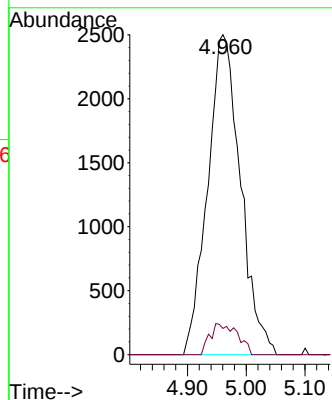
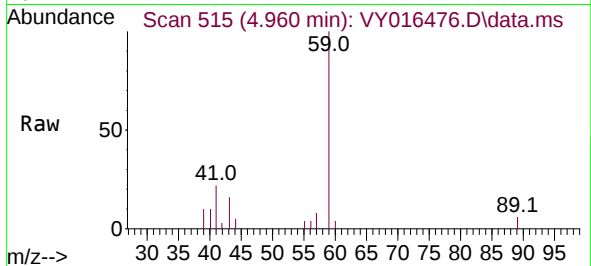




#11
Tert butyl alcohol
Concen: 89.752 ug/l
RT: 4.960 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

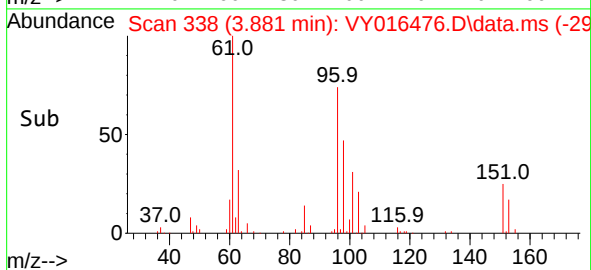
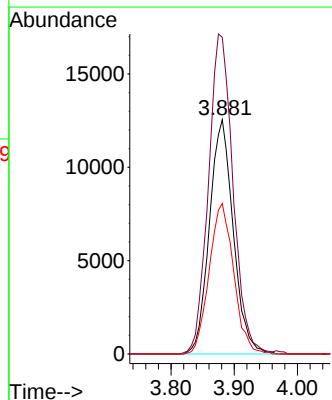
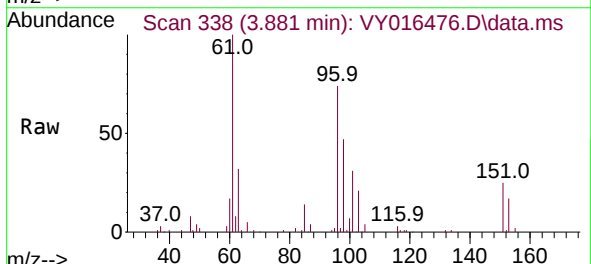
Instrument :
MSVOA_Y
ClientSampleId :

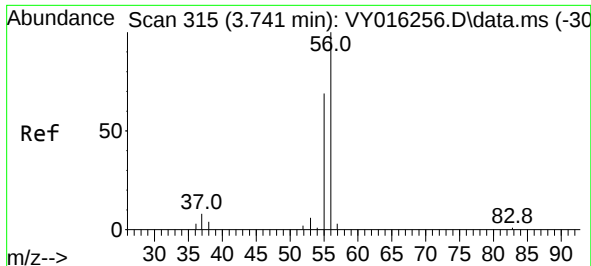
Tgt Ion: 59 Resp: 9708
Ion Ratio Lower Upper
59 100
57 8.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.528 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 96 Resp: 32879
Ion Ratio Lower Upper
96 100
61 135.2 136.4 204.6#
98 64.2 49.4 74.2





#13

Acrolein

Concen: 70.685 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

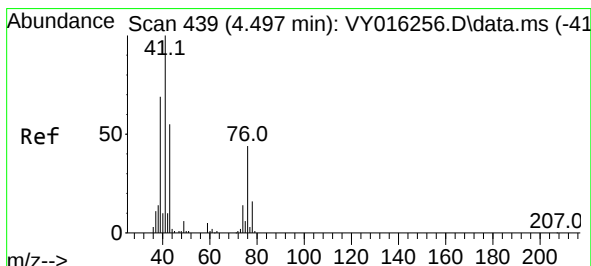
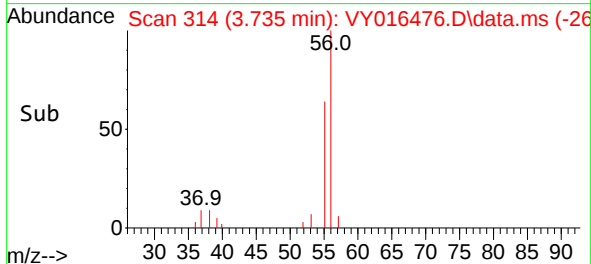
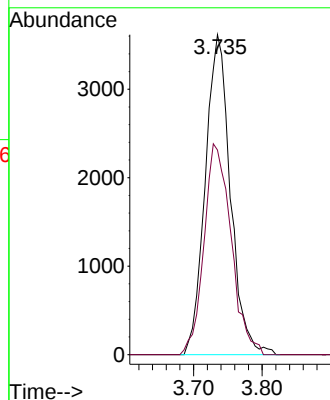
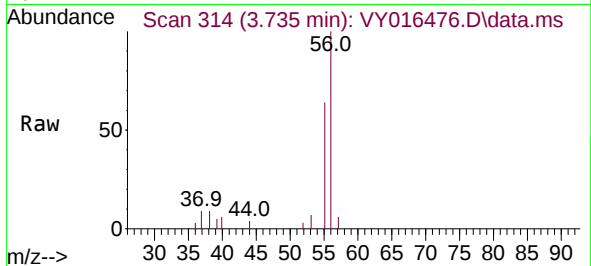
ClientSampleId :

Tgt Ion: 56 Resp: 9222

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



#14

Allyl chloride

Concen: 18.265 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

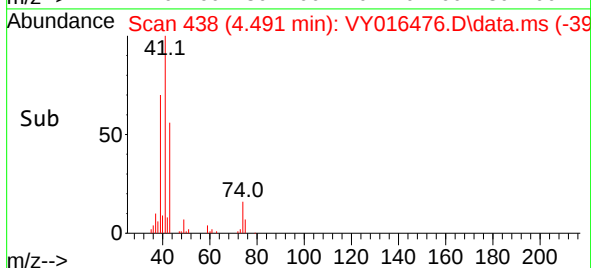
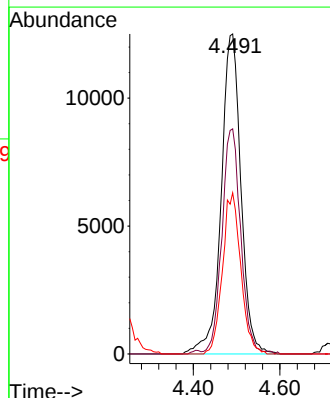
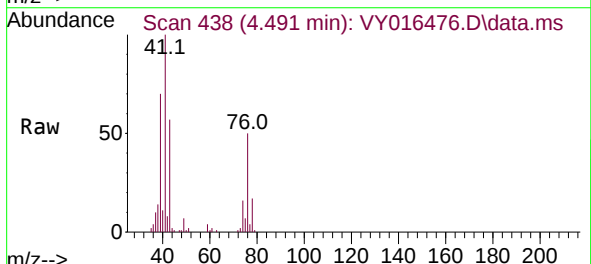
Tgt Ion: 41 Resp: 39584

Ion Ratio Lower Upper

41 100

39 67.4 58.0 87.0

76 46.8 27.4 41.2#

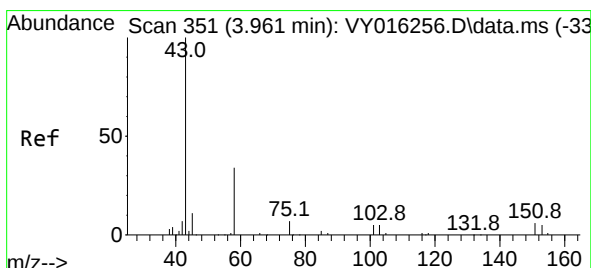
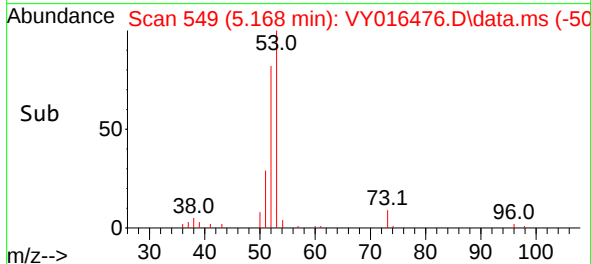
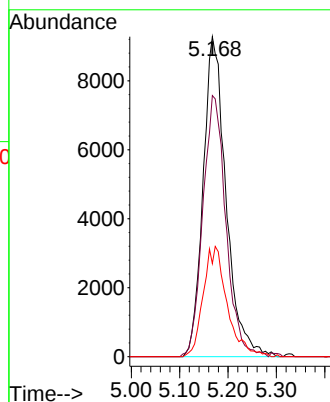
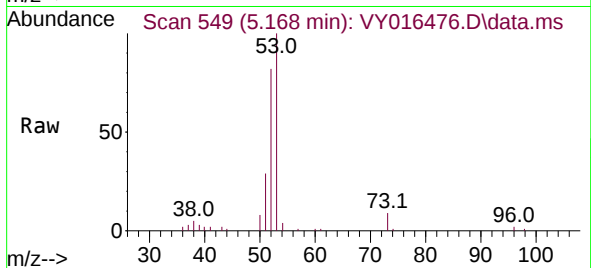




#15
Acrylonitrile
Concen: 95.100 ug/l
RT: 5.168 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

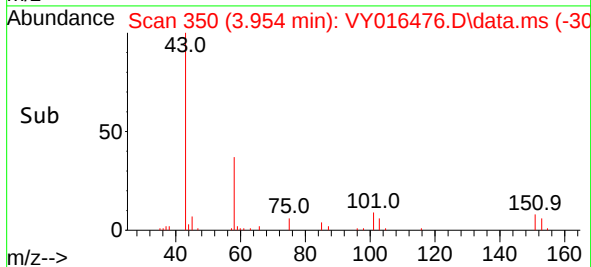
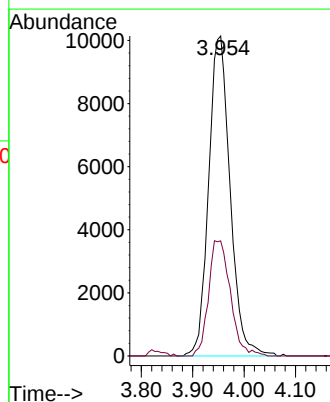
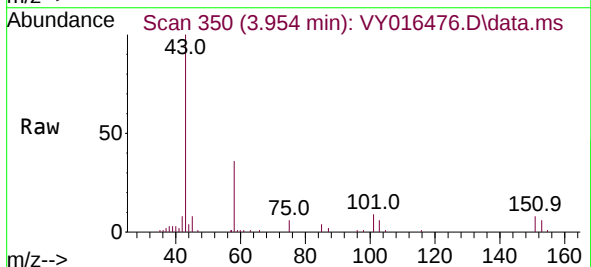
Instrument :
MSVOA_Y
ClientSampleId :

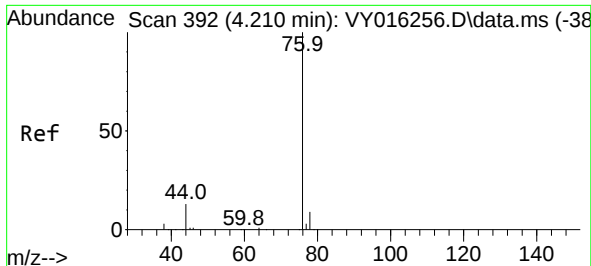
Tgt Ion: 53 Resp: 30583
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 128.580 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 43 Resp: 29378
Ion Ratio Lower Upper
43 100
58 35.9 22.7 34.1#





#17

Carbon Disulfide

Concen: 21.677 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

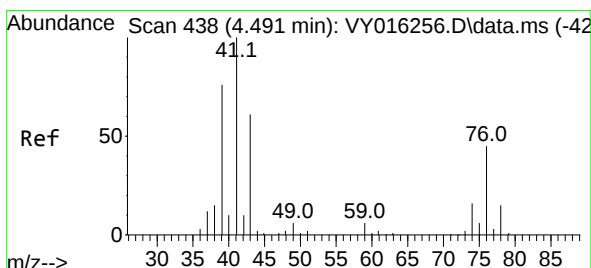
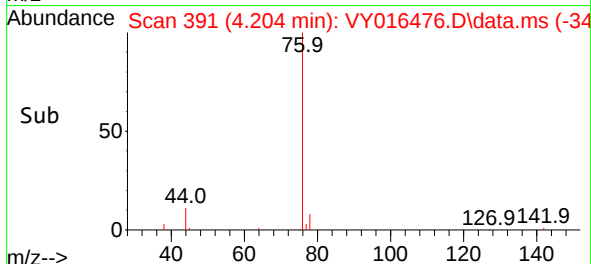
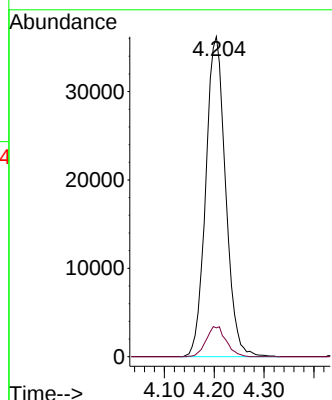
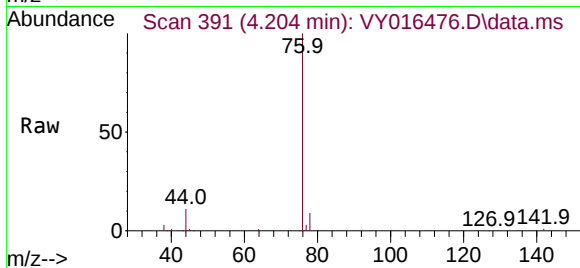
ClientSampleId :

Tgt Ion: 76 Resp: 99886

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 17.959 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016476.D

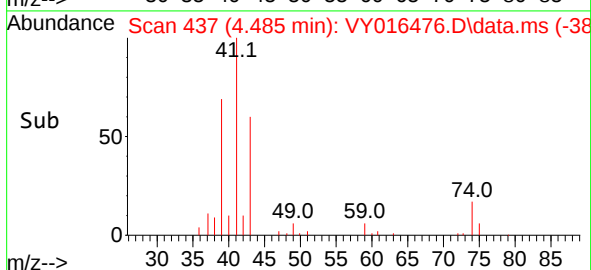
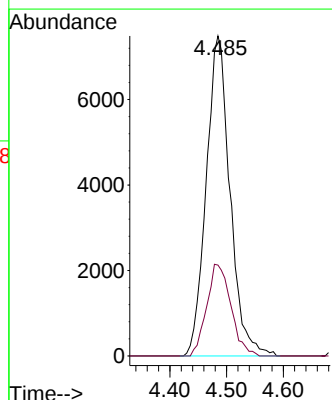
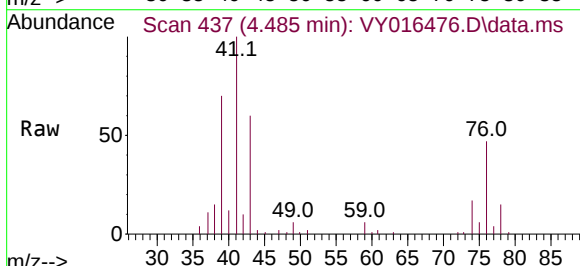
Acq: 24 Nov 2023 11:05

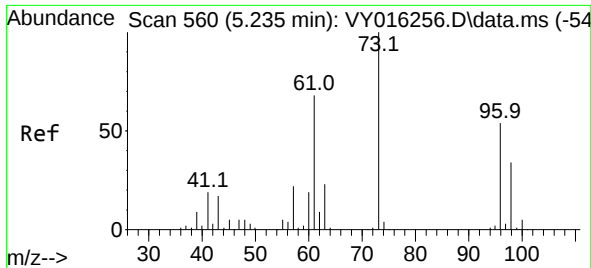
Tgt Ion: 43 Resp: 21803

Ion Ratio Lower Upper

43 100

74 29.1 17.4 26.0#

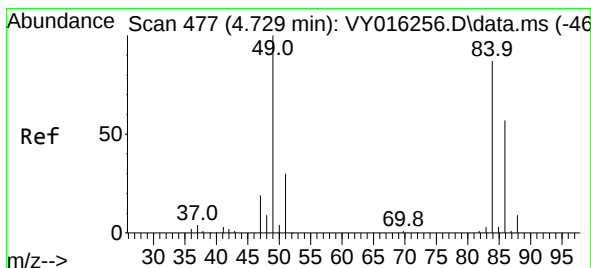
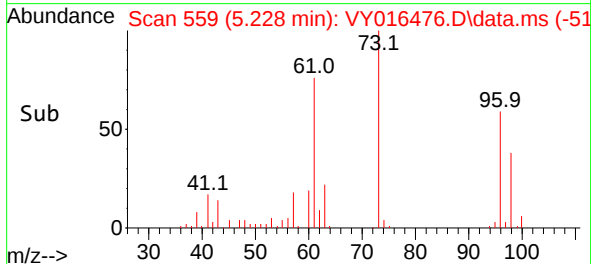
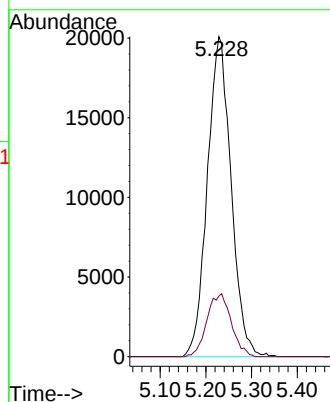
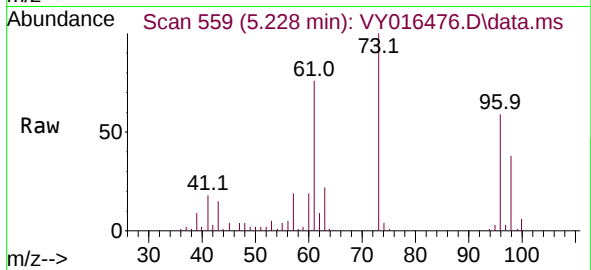




#19
Methyl tert-butyl Ether
Concen: 19.583 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

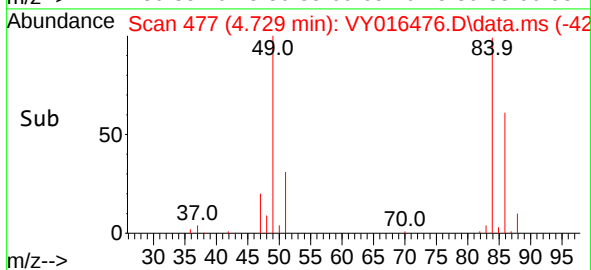
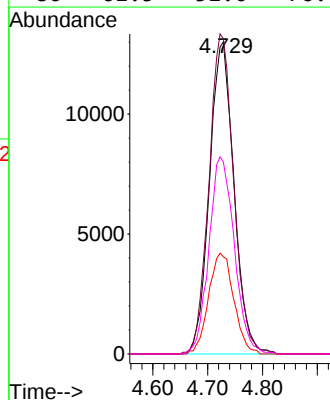
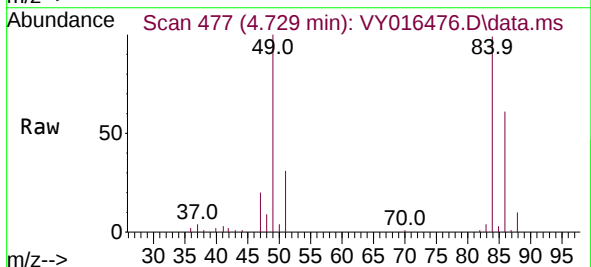
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 72386
Ion Ratio Lower Upper
73 100
57 18.9 17.3 25.9



#20
Methylene Chloride
Concen: 23.131 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 84 Resp: 40354
Ion Ratio Lower Upper
84 100
49 101.0 106.9 160.3#
51 31.1 33.2 49.8#
86 61.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.857 ug/l

RT: 5.235 min Scan# 50

Delta R.T. -0.000 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

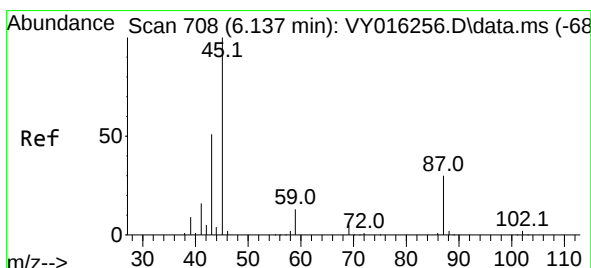
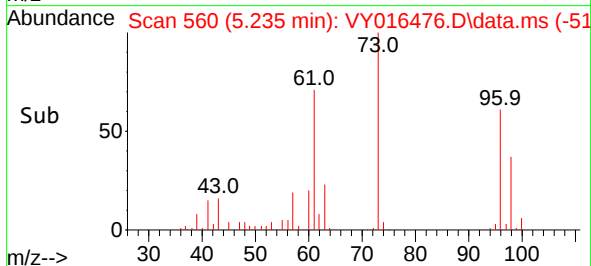
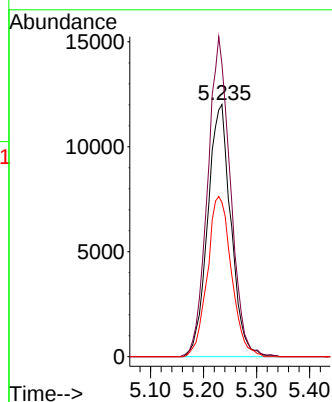
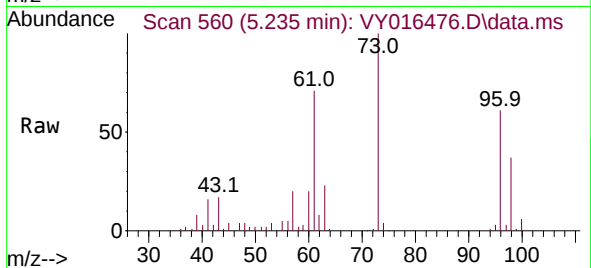
Tgt Ion: 96 Resp: 36675

Ion Ratio Lower Upper

96 100

61 115.9 110.2 165.4

98 61.1 51.8 77.6



#22

Diisopropyl ether

Concen: 18.332 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Tgt Ion: 45 Resp: 85621

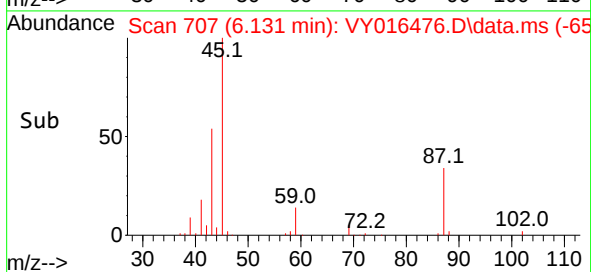
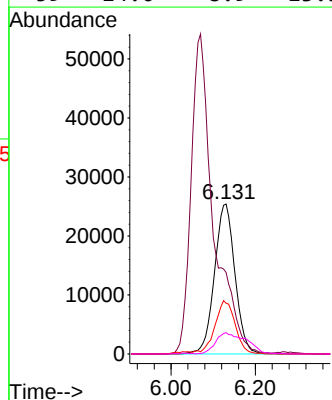
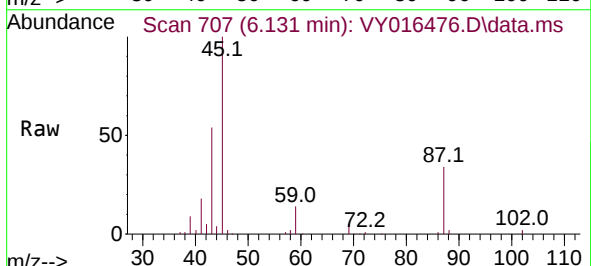
Ion Ratio Lower Upper

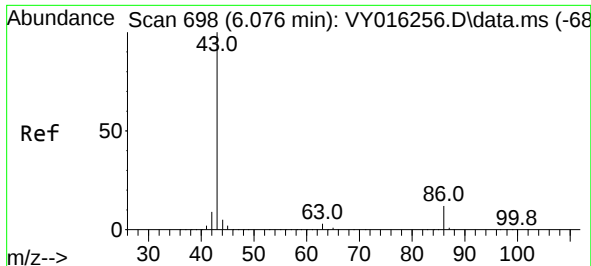
45 100

43 53.4 52.2 78.4

87 33.8 21.0 31.6#

59 14.0 8.9 13.3#

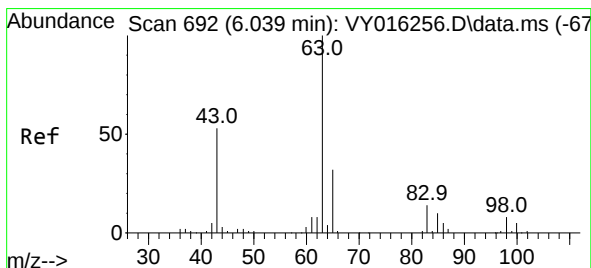
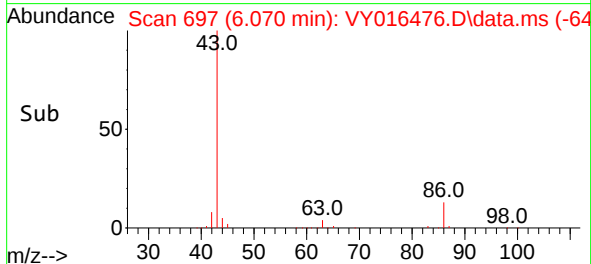
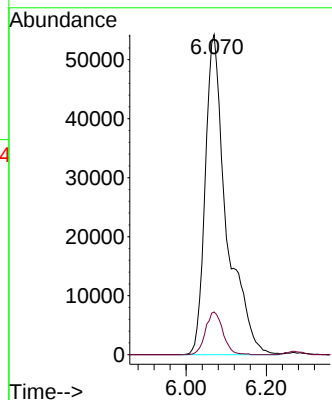
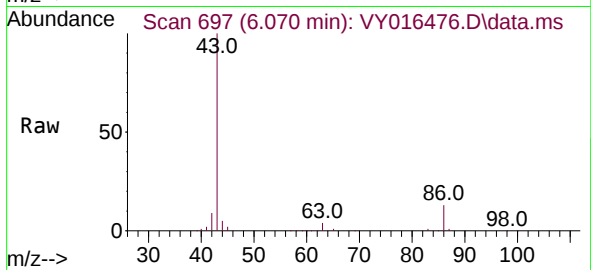




#23
 Vinyl Acetate
 Concen: 88.385 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY016476.D
 Acq: 24 Nov 2023 11:05

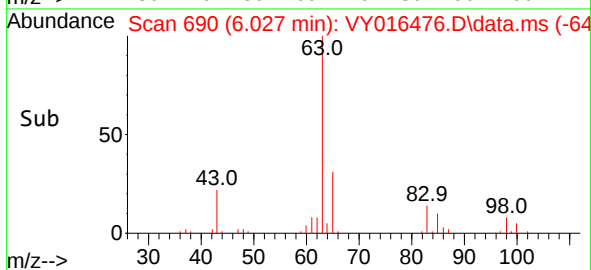
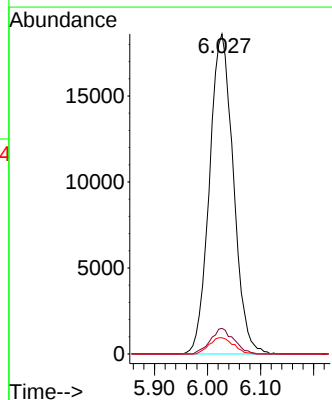
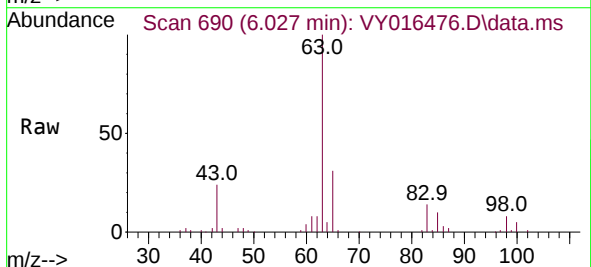
Instrument :
 MSVOA_Y
 ClientSampleId :

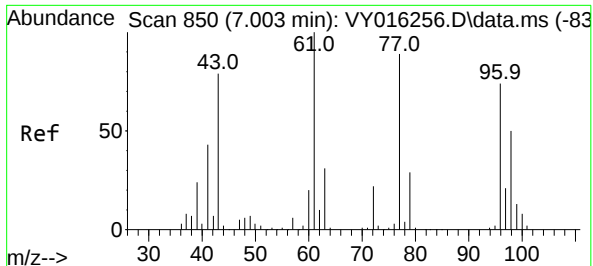
Tgt Ion: 43 Resp: 200028
 Ion Ratio Lower Upper
 43 100
 86 13.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.186 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.012 min
 Lab File: VY016476.D
 Acq: 24 Nov 2023 11:05

Tgt Ion: 63 Resp: 58165
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 104.981 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

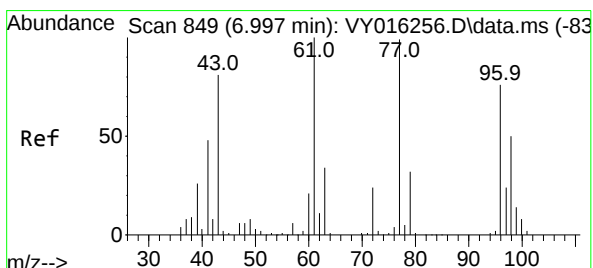
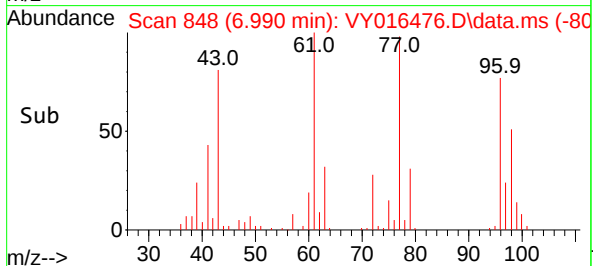
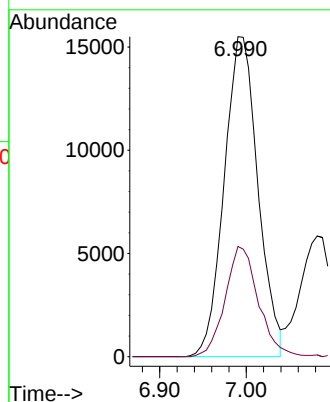
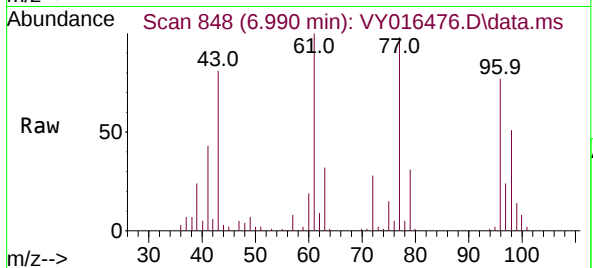
ClientSampleId :

Tgt Ion: 43 Resp: 42013

Ion Ratio Lower Upper

43 100

72 34.4 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 21.306 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016476.D

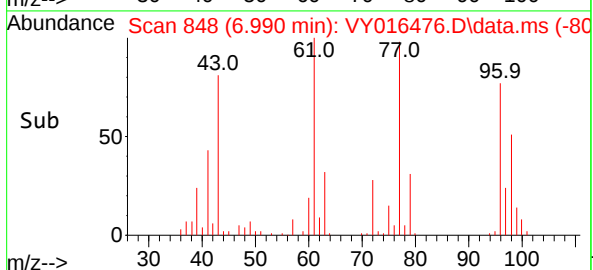
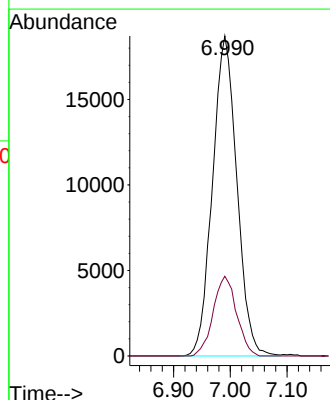
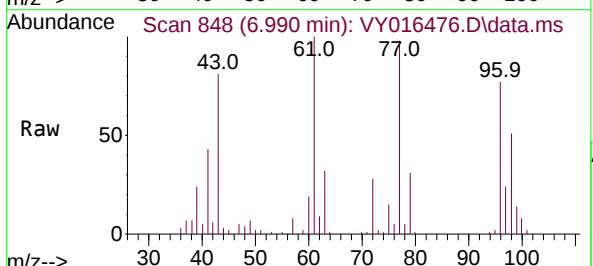
Acq: 24 Nov 2023 11:05

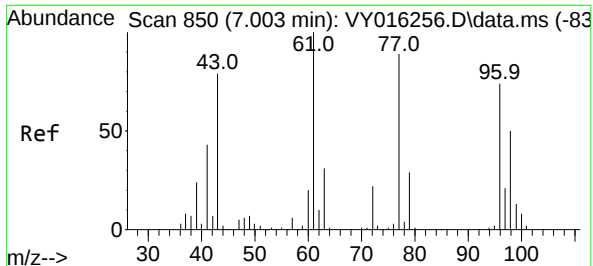
Tgt Ion: 77 Resp: 55874

Ion Ratio Lower Upper

77 100

97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.450 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

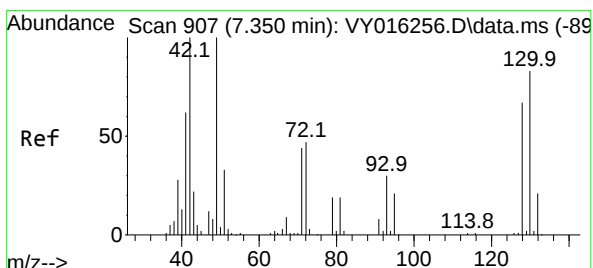
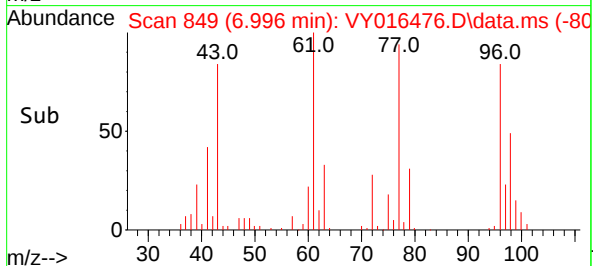
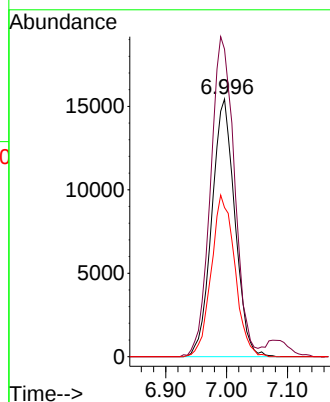
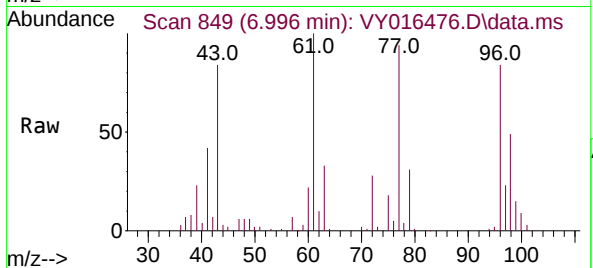
Tgt Ion: 96 Resp: 40649

Ion Ratio Lower Upper

96 100

61 128.9 0.0 301.4

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 19.053 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

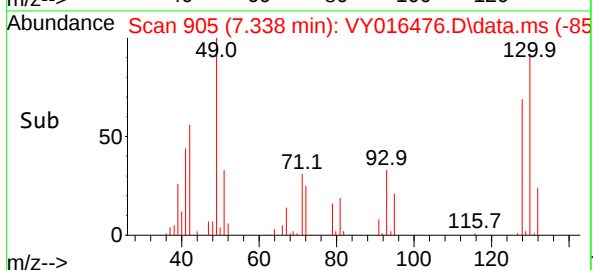
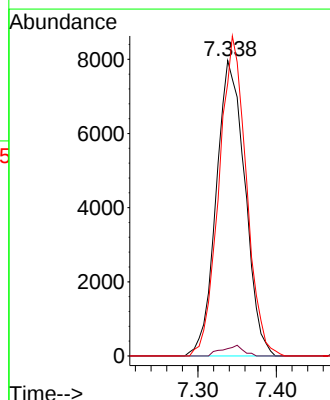
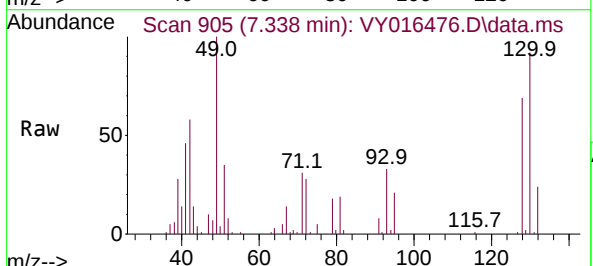
Tgt Ion: 49 Resp: 20319

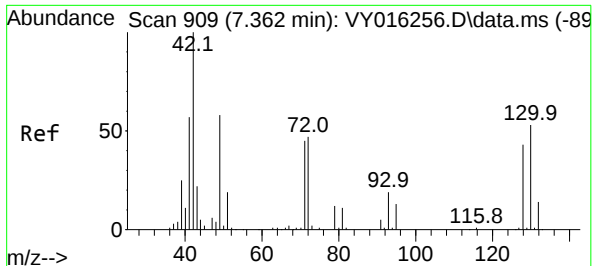
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 102.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 85.530 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

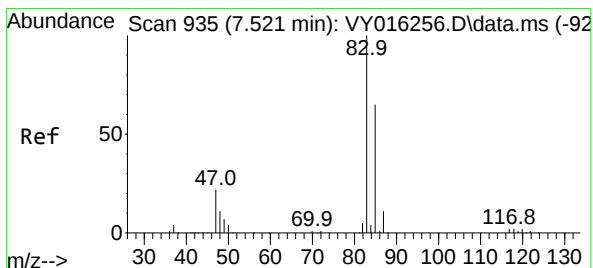
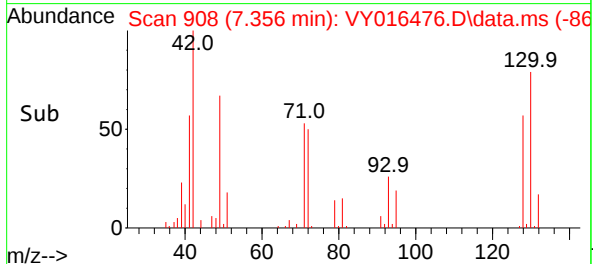
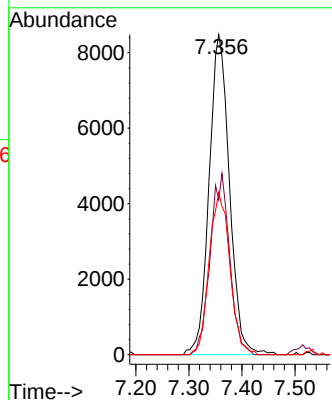
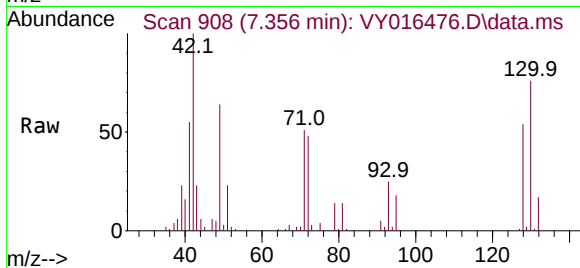
Tgt Ion: 42 Resp: 22624

Ion Ratio Lower Upper

42 100

72 54.1 32.8 49.2#

71 51.4 31.0 46.4#



#30

Chloroform

Concen: 21.315 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016476.D

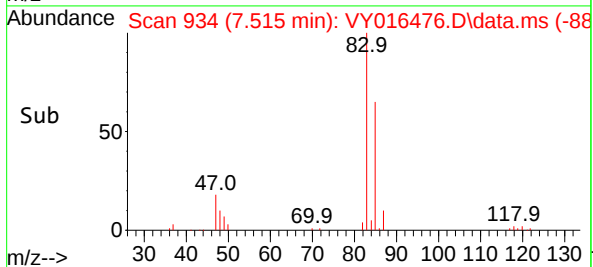
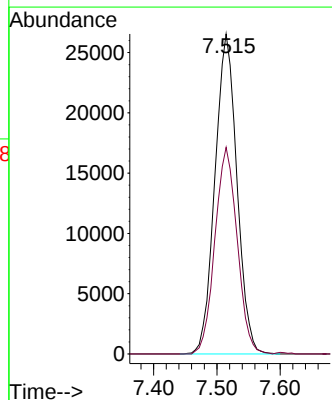
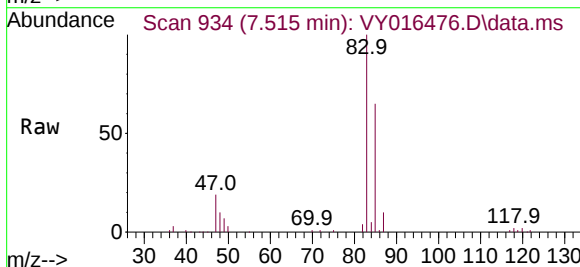
Acq: 24 Nov 2023 11:05

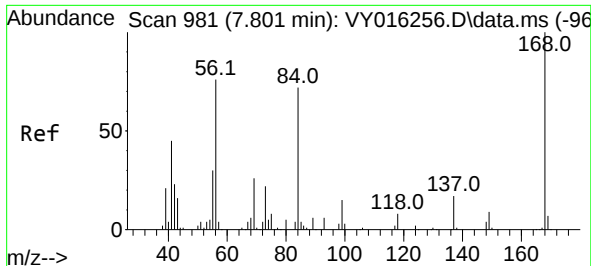
Tgt Ion: 83 Resp: 63929

Ion Ratio Lower Upper

83 100

85 64.6 49.7 74.5

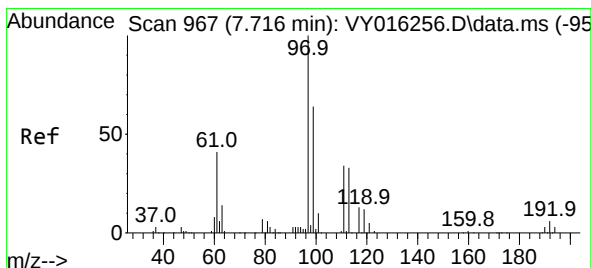
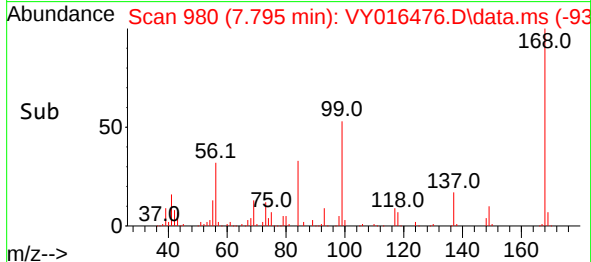
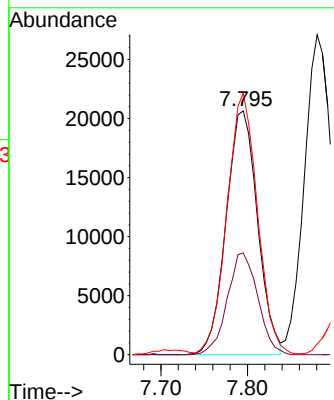
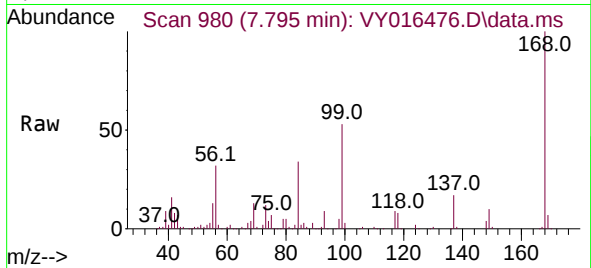




#31
Cyclohexane
Concen: 19.187 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

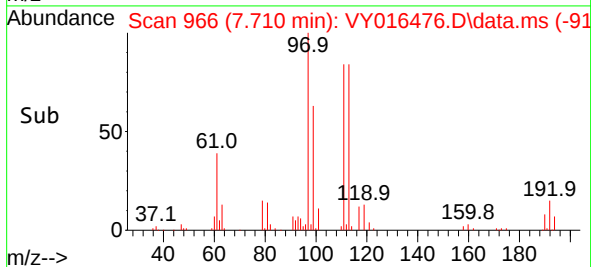
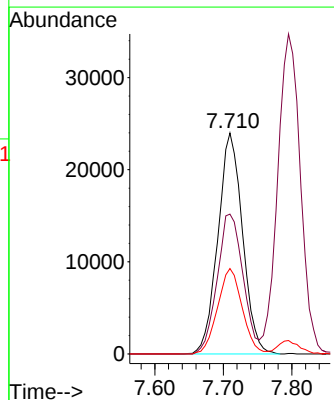
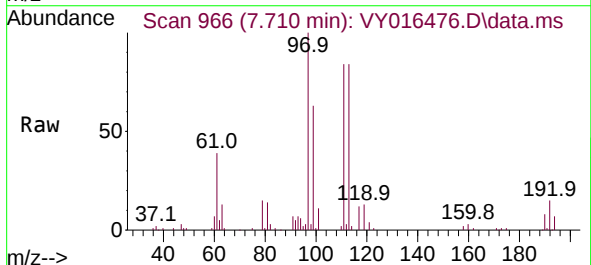
Instrument :
MSVOA_Y
ClientSampleId :

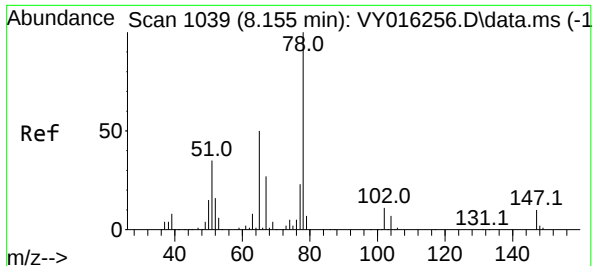
Tgt Ion: 56 Resp: 52180
Ion Ratio Lower Upper
56 100
69 41.7 27.8 41.6#
84 105.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 21.749 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 97 Resp: 59795
Ion Ratio Lower Upper
97 100
99 66.5 50.8 76.2
61 38.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.435 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

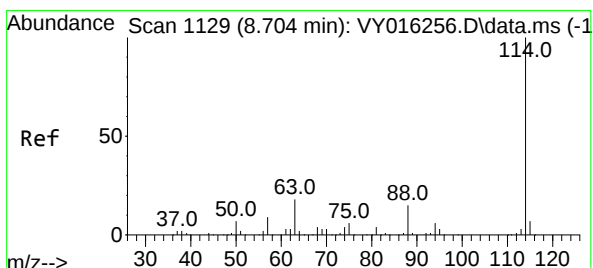
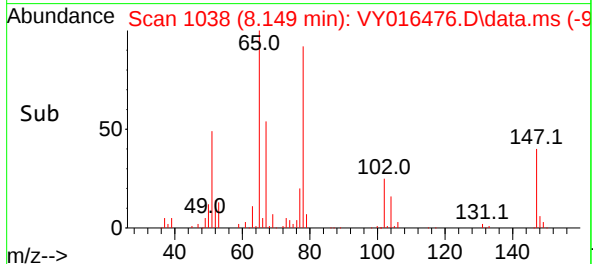
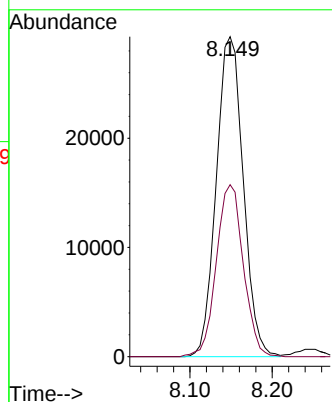
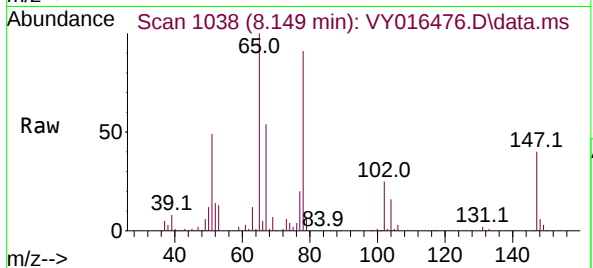
ClientSampleId :

Tgt Ion: 65 Resp: 66902

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

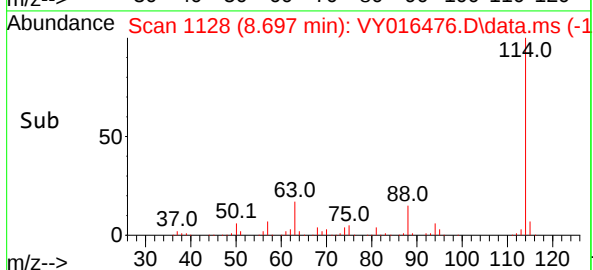
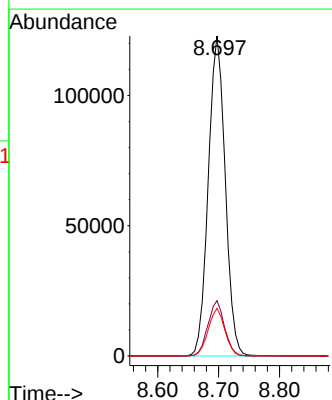
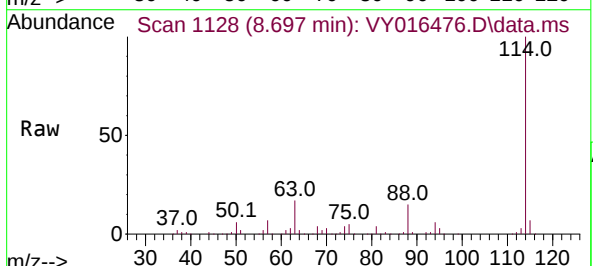
Tgt Ion:114 Resp: 236983

Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

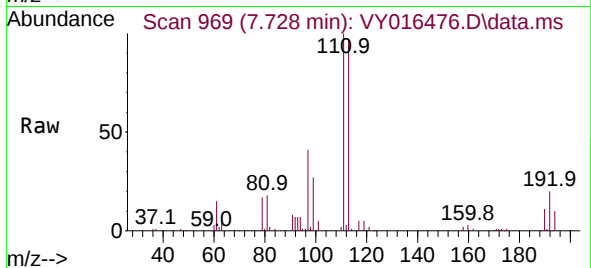
88 14.8 0.0 30.6



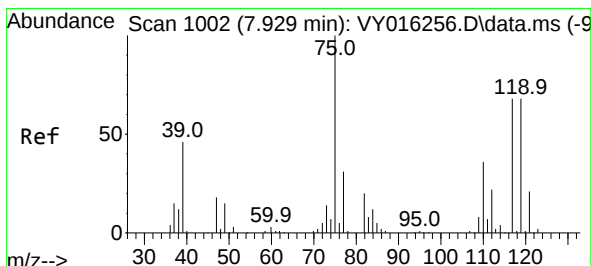
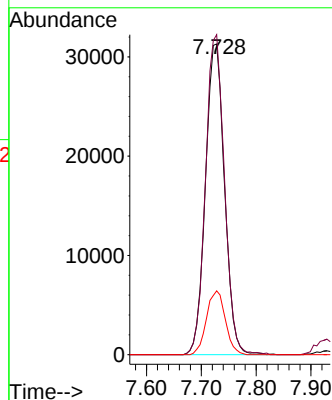
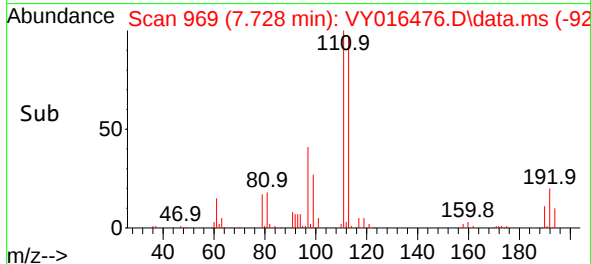


#35
Dibromofluoromethane
Concen: 56.142 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

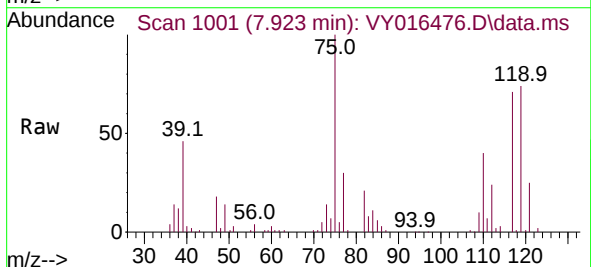
Instrument :
MSVOA_Y
ClientSampleId :



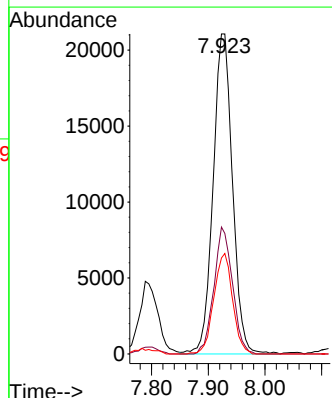
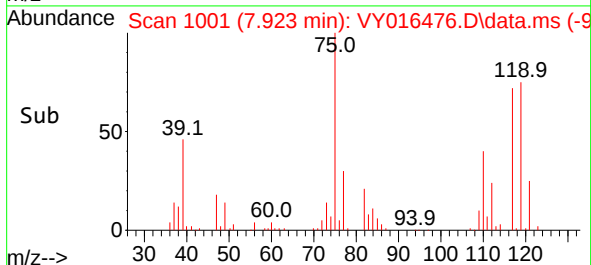
Tgt Ion:113 Resp: 75579
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.3 16.9 25.3

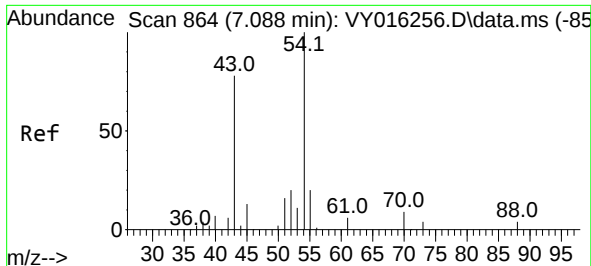


#36
1,1-Dichloropropene
Concen: 21.423 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05



Tgt Ion: 75 Resp: 50079
Ion Ratio Lower Upper
75 100
110 37.9 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 17.282 ug/l

RT: 7.082 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

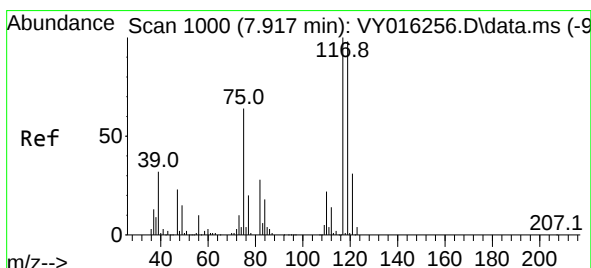
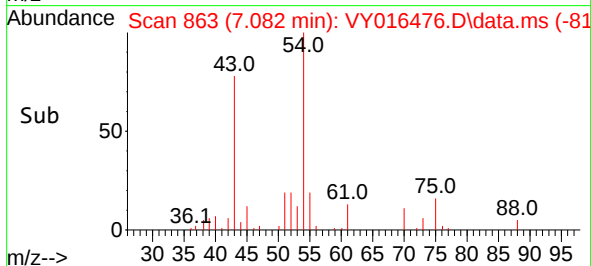
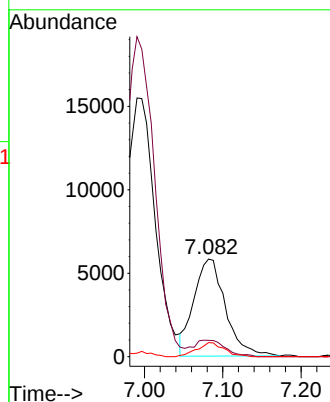
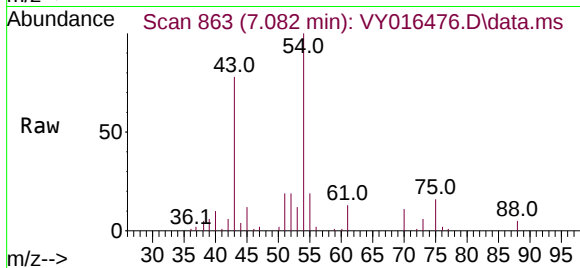
Tgt Ion: 43 Resp: 16323

Ion Ratio Lower Upper

43 100

61 17.3 10.1 15.1#

70 12.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 23.318 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.012 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

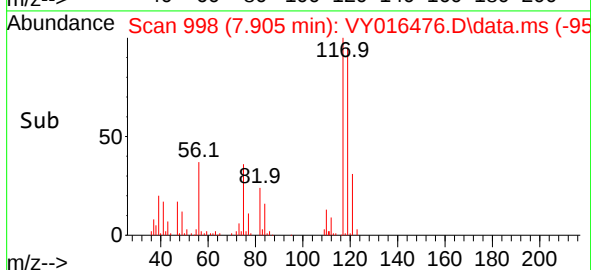
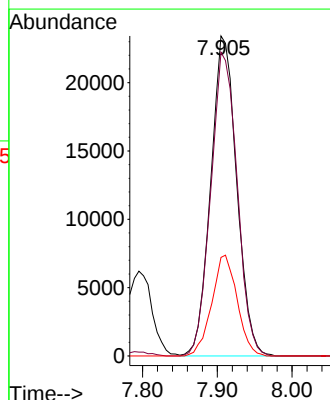
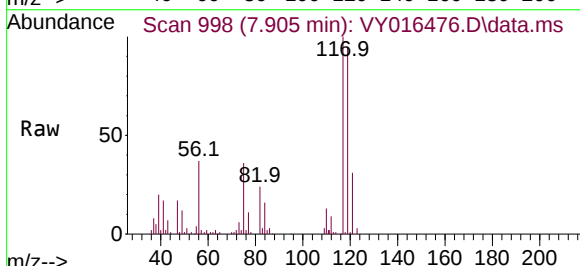
Tgt Ion: 117 Resp: 56570

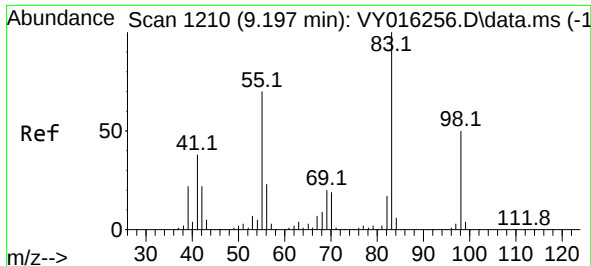
Ion Ratio Lower Upper

117 100

119 94.9 76.4 114.6

121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 21.101 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

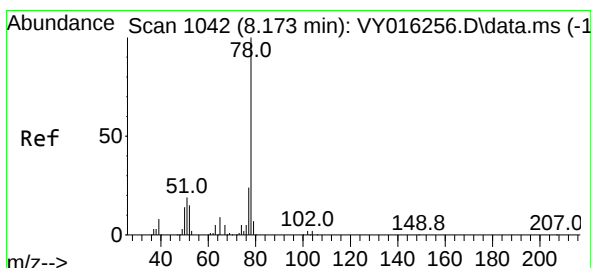
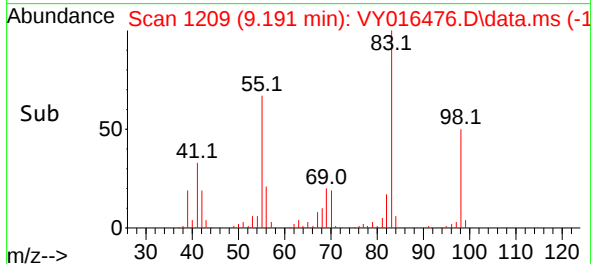
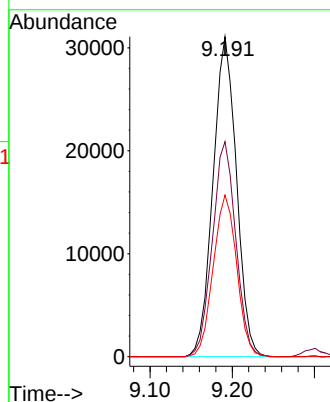
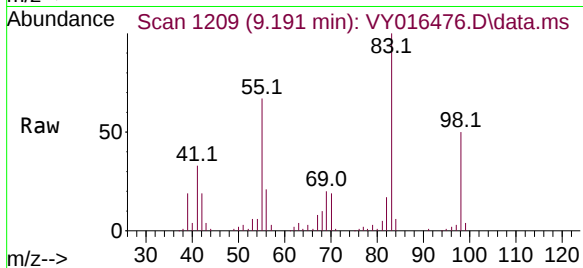
Tgt Ion: 83 Resp: 61461

Ion Ratio Lower Upper

83 100

55 67.2 63.0 94.4

98 50.5 37.4 56.2



#40

Benzene

Concen: 21.889 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016476.D

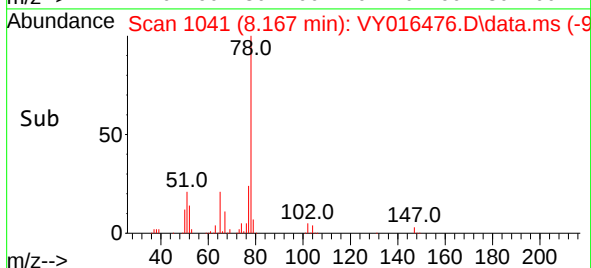
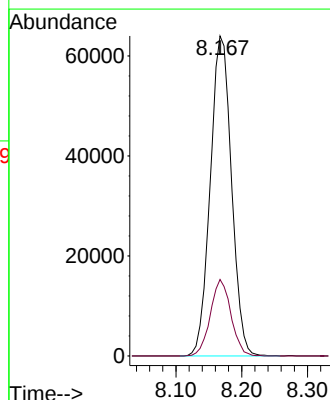
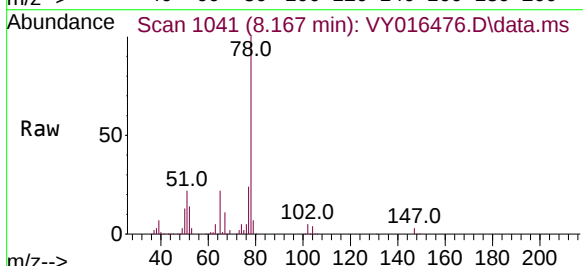
Acq: 24 Nov 2023 11:05

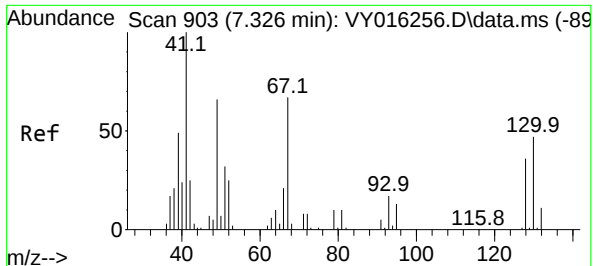
Tgt Ion: 78 Resp: 143754

Ion Ratio Lower Upper

78 100

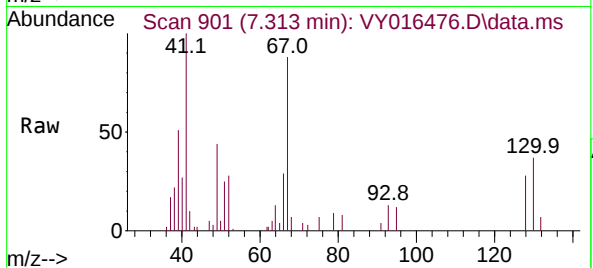
77 23.9 19.0 28.6



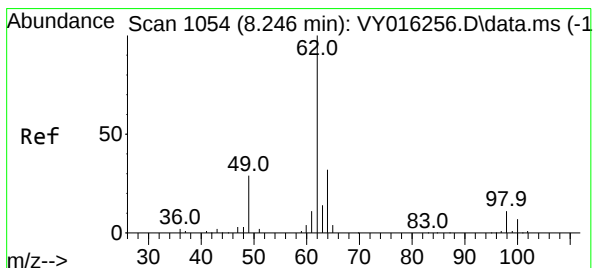
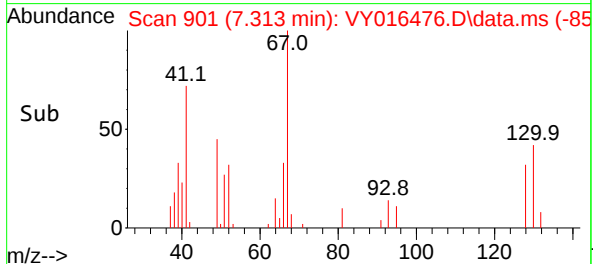
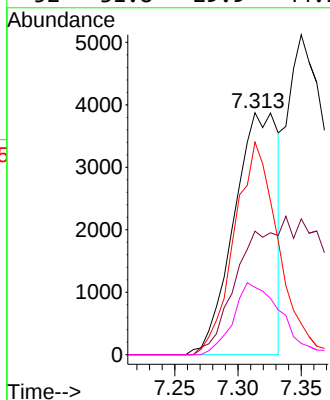


#41
Methacrylonitrile
Concen: 19.699 ug/l
RT: 7.313 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

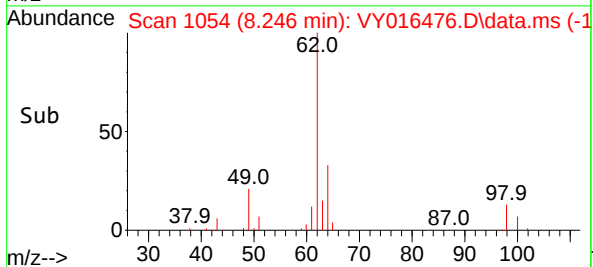
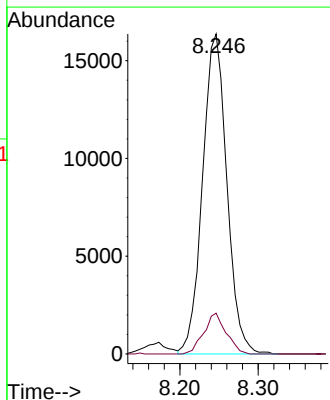
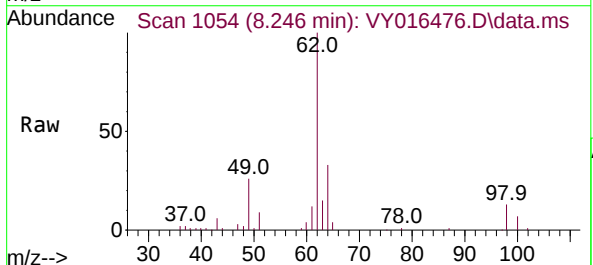


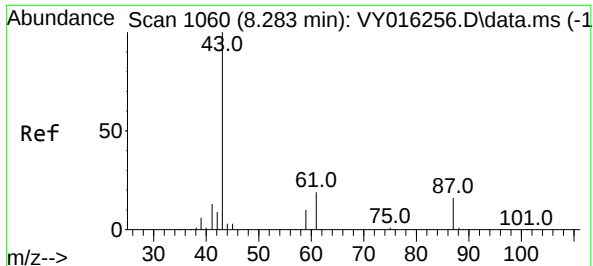
Tgt Ion:	41	Resp:	9381
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.1	78.1#
67	87.4	66.2	99.2
52	31.8	29.9	44.9



#42
1,2-Dichloroethane
Concen: 20.729 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion:	62	Resp:	35274
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 17.622 ug/l

RT: 8.277 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

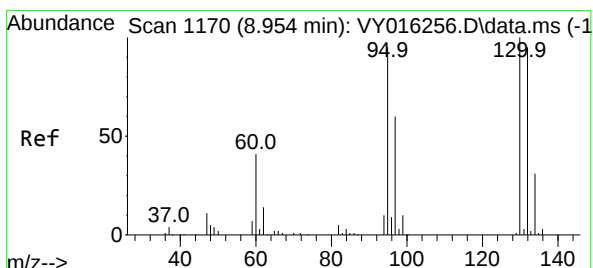
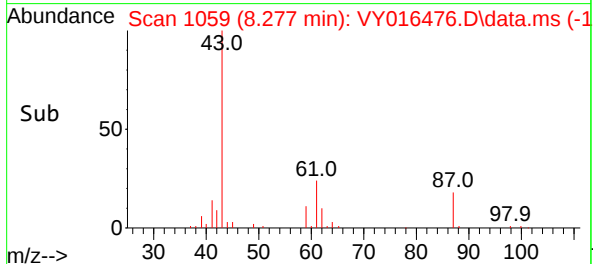
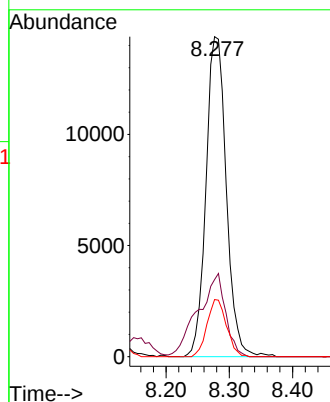
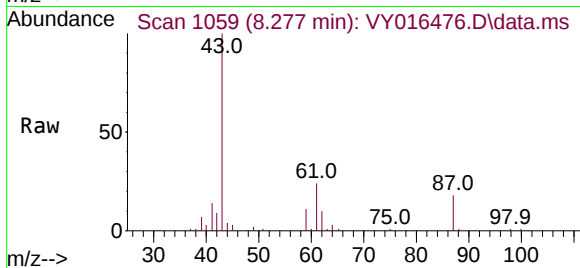
Tgt Ion: 43 Resp: 32173

Ion Ratio Lower Upper

43 100

61 35.1 21.1 31.7#

87 17.1 9.8 14.8#



#44

Trichloroethene

Concen: 22.497 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. -0.006 min

Lab File: VY016476.D

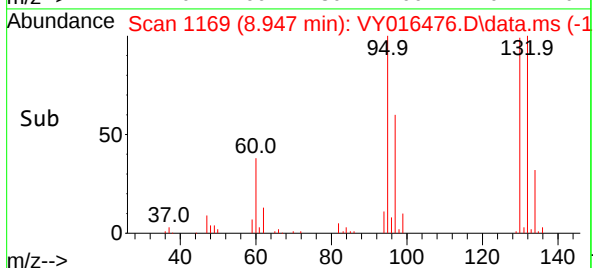
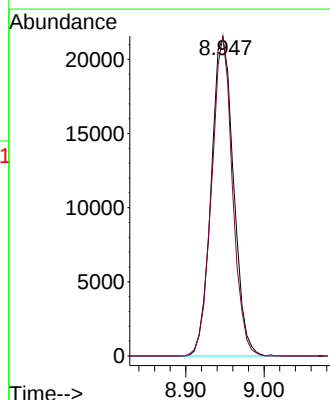
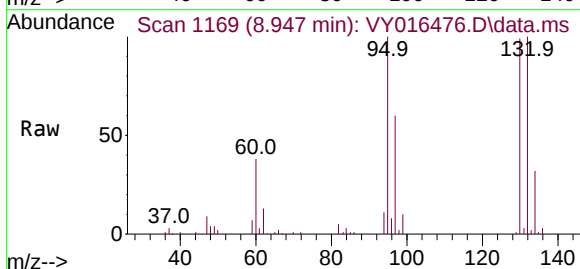
Acq: 24 Nov 2023 11:05

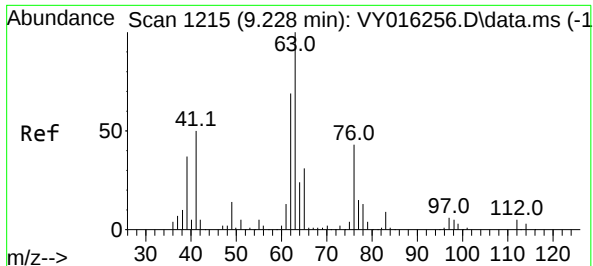
Tgt Ion:130 Resp: 42462

Ion Ratio Lower Upper

130 100

95 100.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.647 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

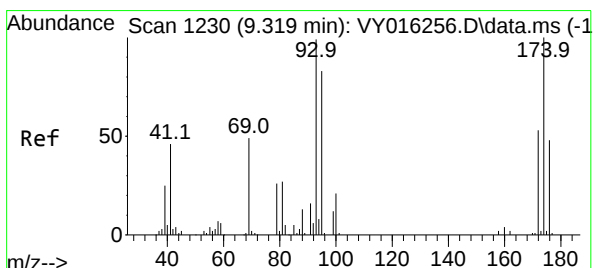
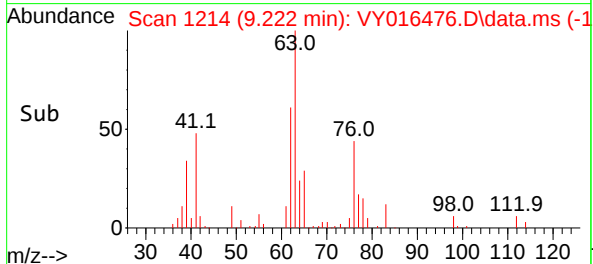
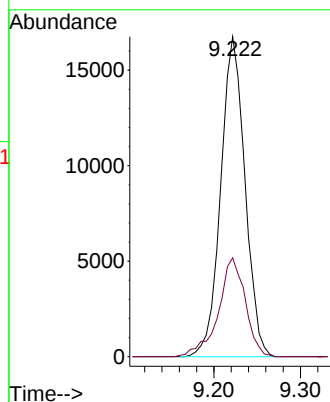
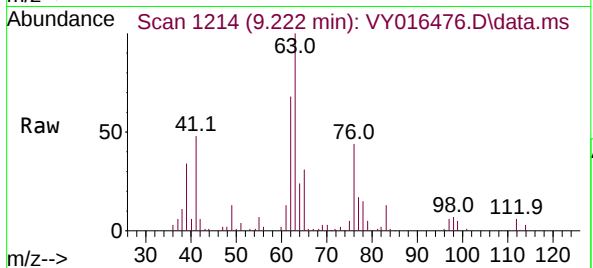
ClientSampleId :

Tgt Ion: 63 Resp: 32566

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#46

Dibromomethane

Concen: 21.277 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

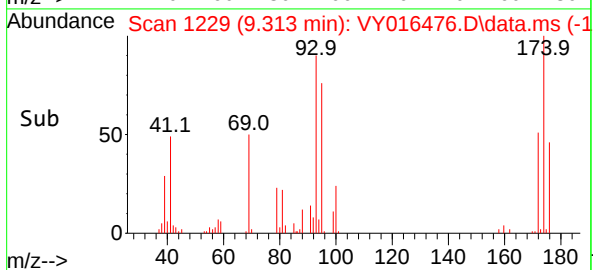
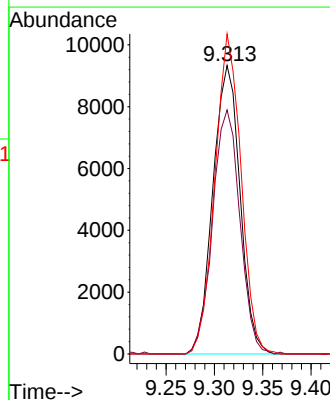
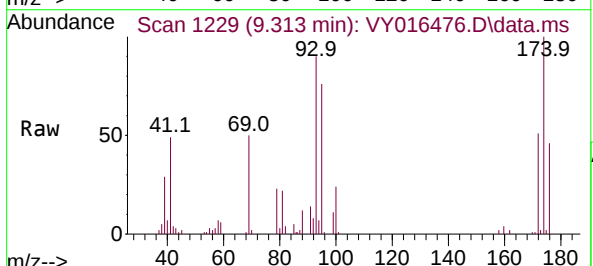
Tgt Ion: 93 Resp: 18186

Ion Ratio Lower Upper

93 100

95 85.0 66.6 100.0

174 106.9 84.8 127.2

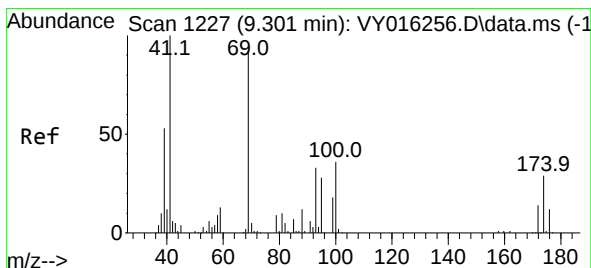
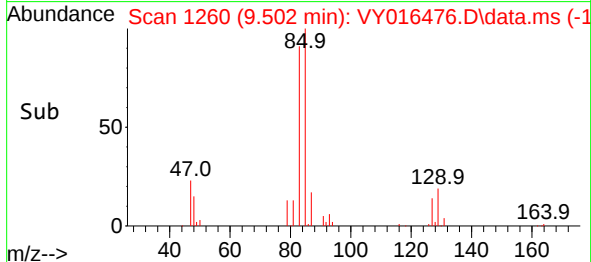
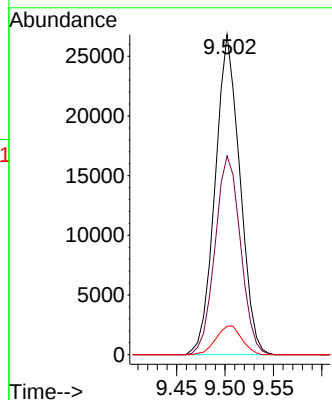
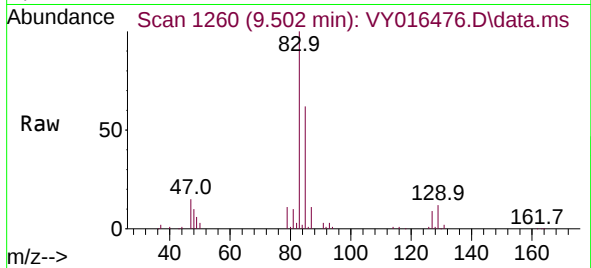




#47
Bromodichloromethane
Concen: 21.672 ug/l
RT: 9.502 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

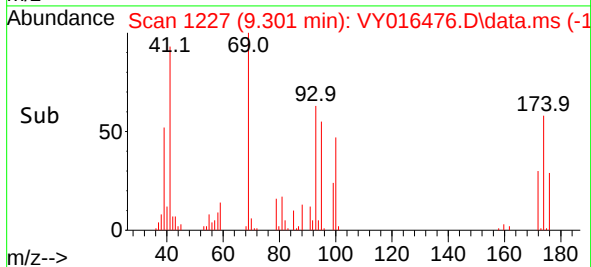
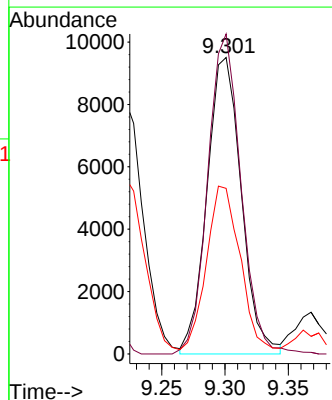
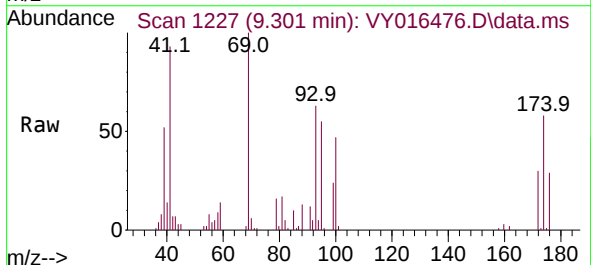
Instrument :
MSVOA_Y
ClientSampleId :

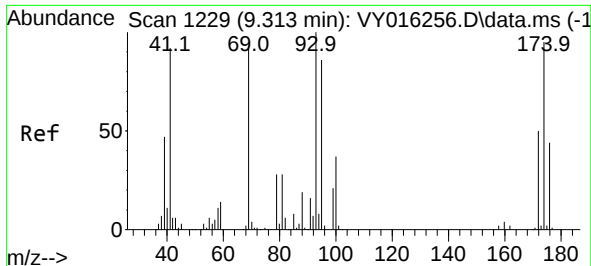
Tgt Ion: 83 Resp: 47622
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 17.781 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 41 Resp: 17941
Ion Ratio Lower Upper
41 100
69 104.3 64.5 96.7#
39 54.1 50.8 76.2





#49

1,4-Dioxane

Concen: 393.651 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

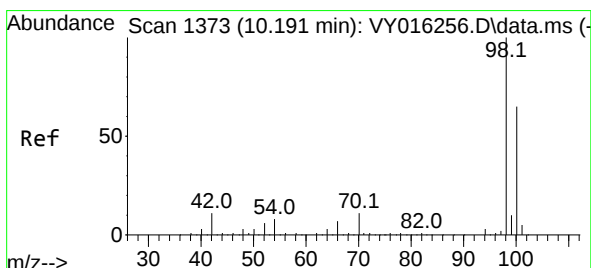
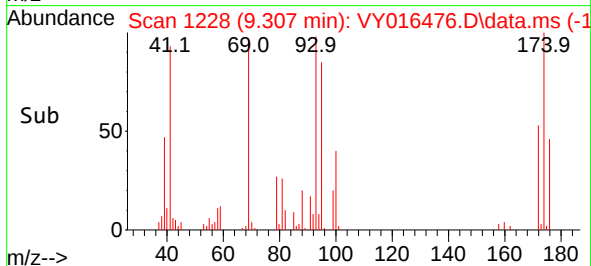
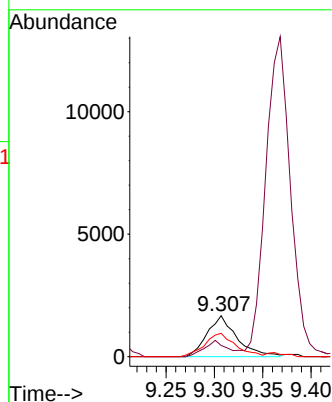
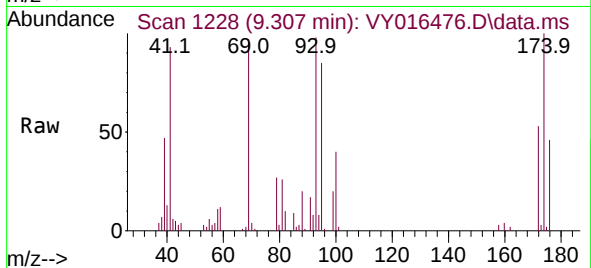
Tgt Ion: 88 Resp: 3572

Ion Ratio Lower Upper

88 100

43 28.7 0.0 0.0#

58 58.8 30.9 46.3#



#50

Toluene-d8

Concen: 51.621 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016476.D

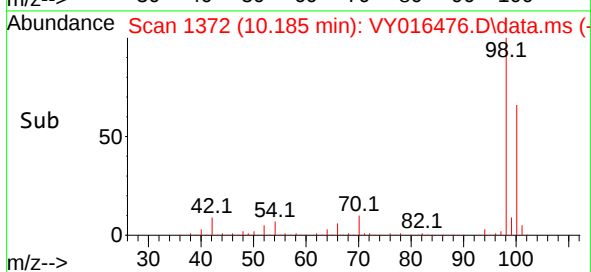
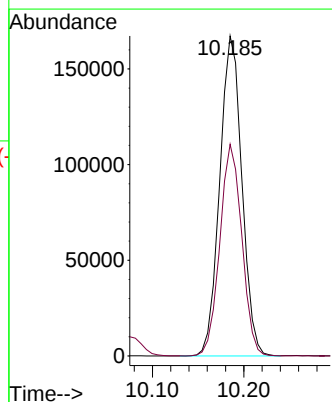
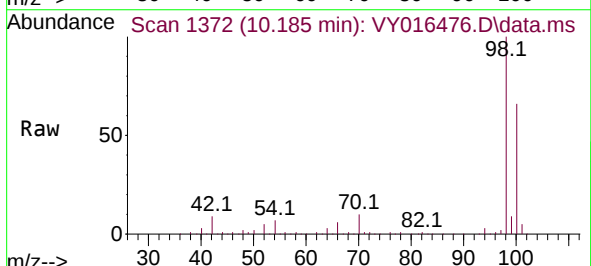
Acq: 24 Nov 2023 11:05

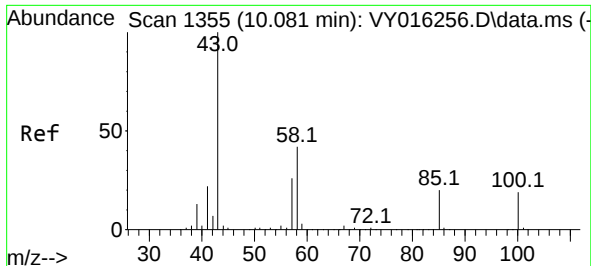
Tgt Ion: 98 Resp: 281806

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 89.543 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

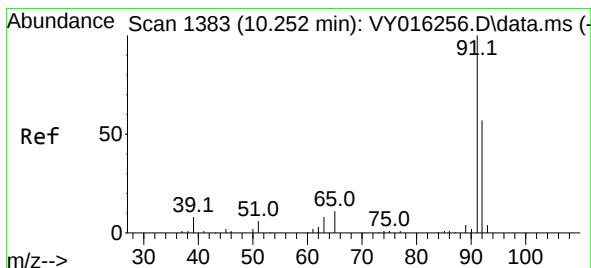
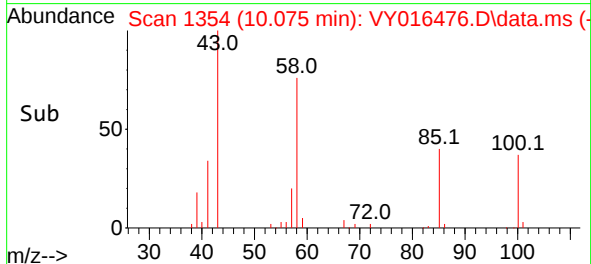
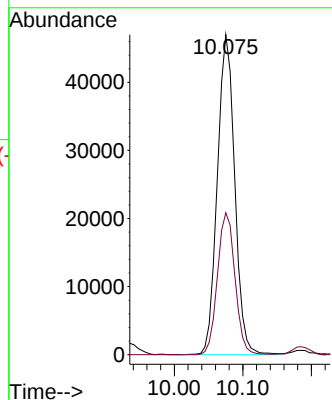
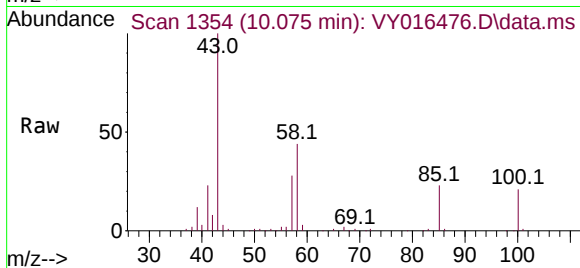
ClientSampleId :

Tgt Ion: 43 Resp: 82667

Ion Ratio Lower Upper

43 100

58 44.6 29.0 43.6#



#52

Toluene

Concen: 22.252 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016476.D

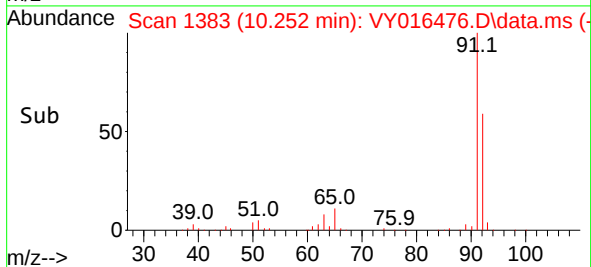
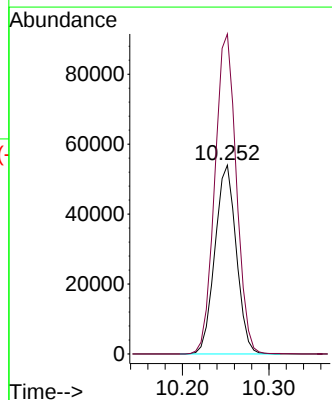
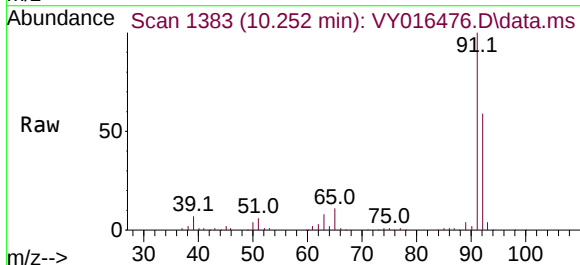
Acq: 24 Nov 2023 11:05

Tgt Ion: 92 Resp: 92378

Ion Ratio Lower Upper

92 100

91 171.0 143.8 215.6

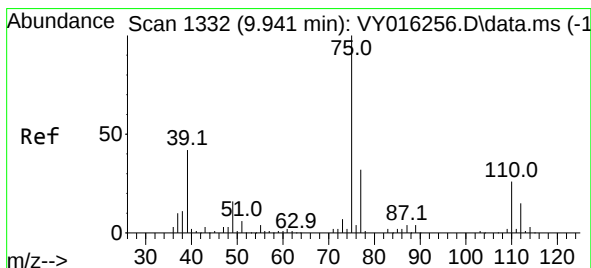
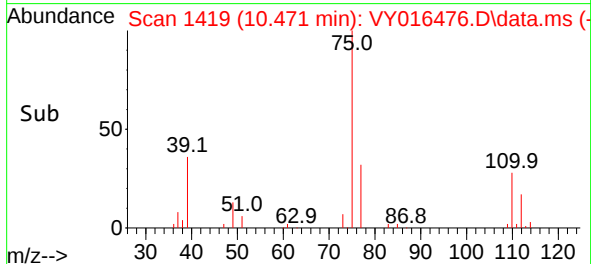
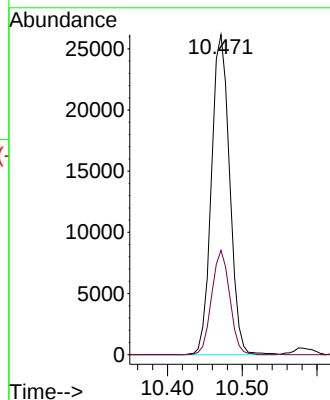
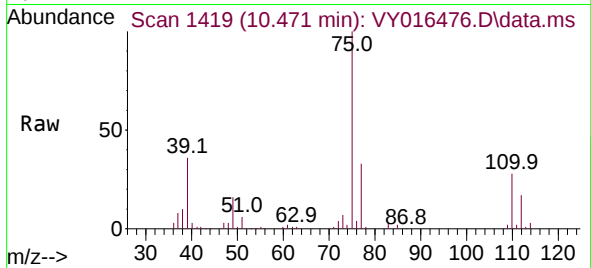




#53
 t-1,3-Dichloropropene
 Concen: 20.798 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY016476.D
 Acq: 24 Nov 2023 11:05

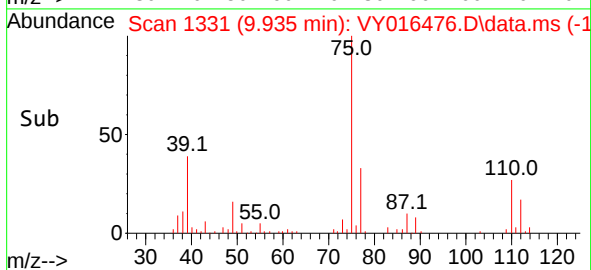
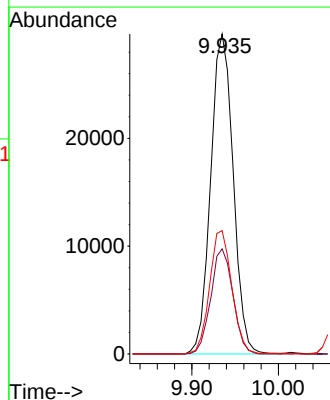
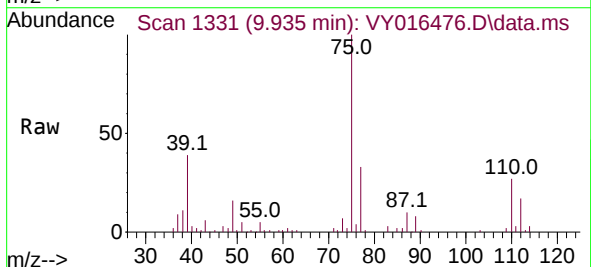
Instrument :
 MSVOA_Y
 ClientSampleId :

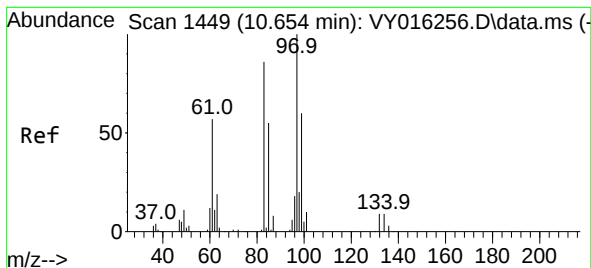
Tgt Ion: 75 Resp: 44304
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.041 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016476.D
 Acq: 24 Nov 2023 11:05

Tgt Ion: 75 Resp: 53534
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.2 36.4
 39 38.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.749 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 25621

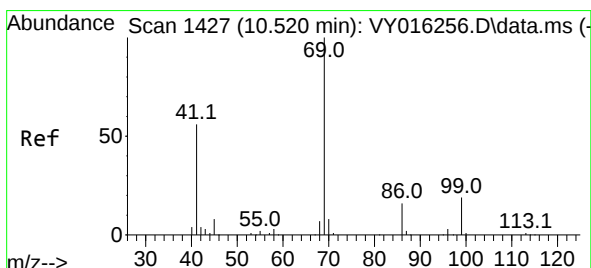
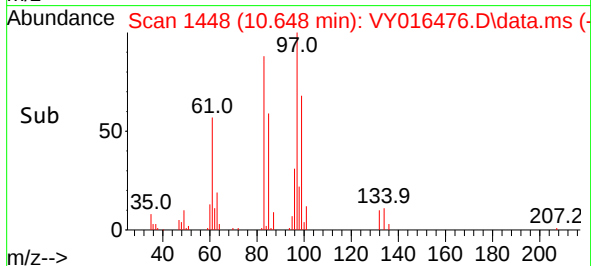
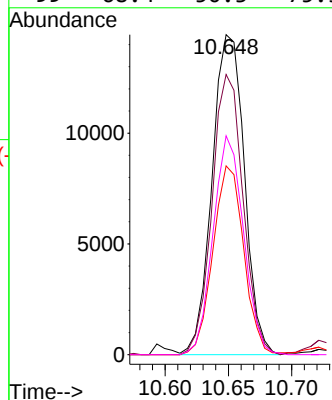
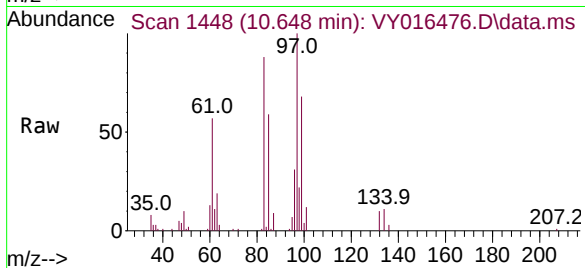
Ion Ratio Lower Upper

97 100

83 87.6 72.0 108.0

85 59.0 45.4 68.0

99 68.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.603 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

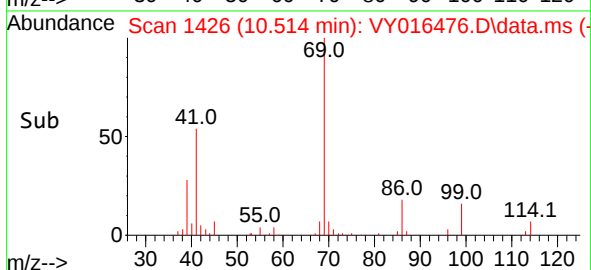
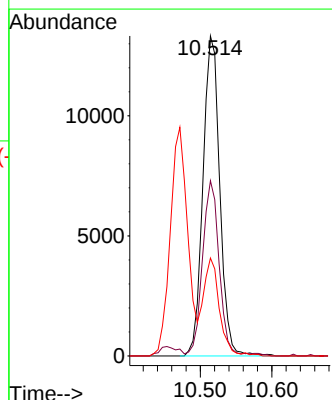
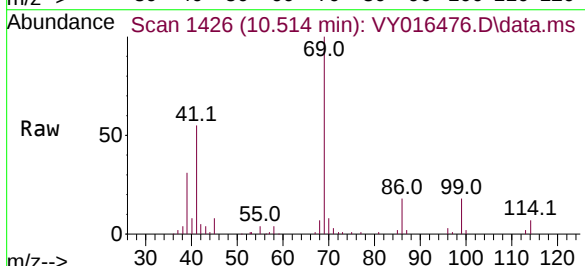
Tgt Ion: 69 Resp: 21799

Ion Ratio Lower Upper

69 100

41 54.7 57.6 86.4#

39 29.2 34.1 51.1#

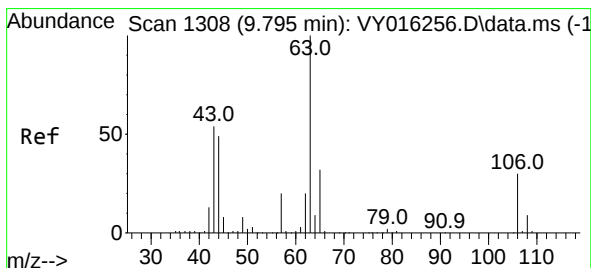
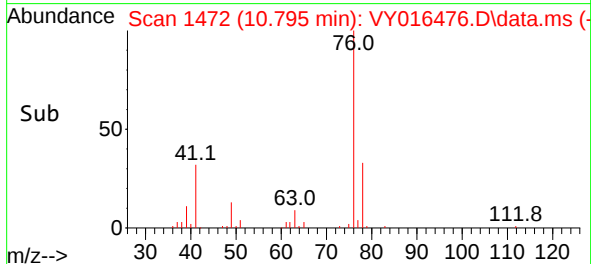
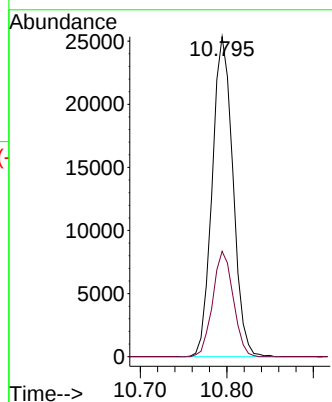
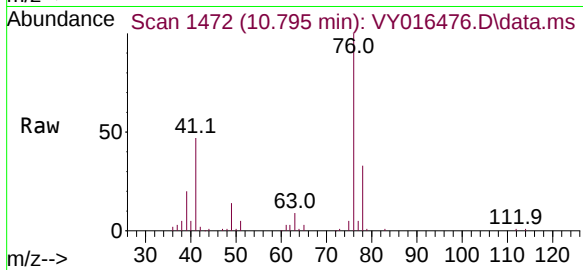




#57
1,3-Dichloropropane
Concen: 20.987 ug/l
RT: 10.795 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

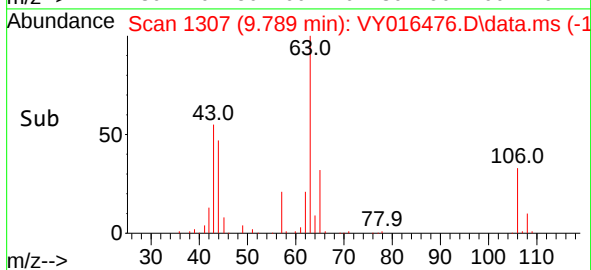
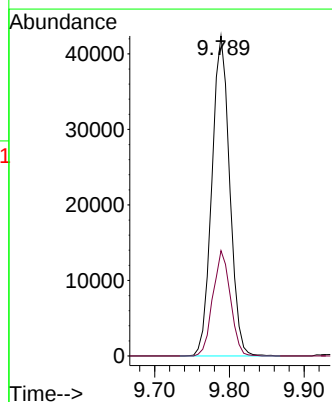
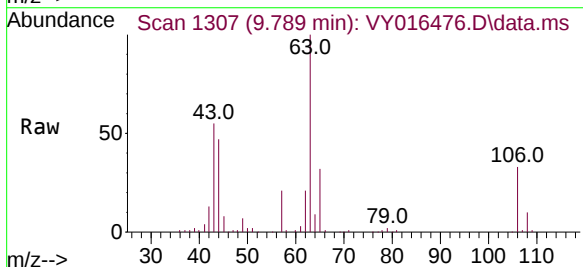
Instrument :
MSVOA_Y
ClientSampleId :

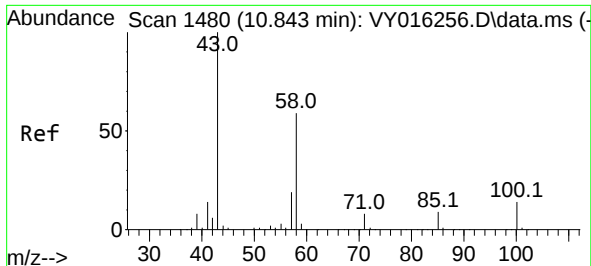
Tgt Ion: 76 Resp: 42144
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 92.935 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 63 Resp: 70077
Ion Ratio Lower Upper
63 100
106 32.4 21.2 31.8#

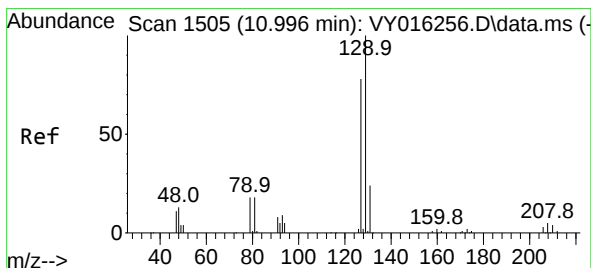
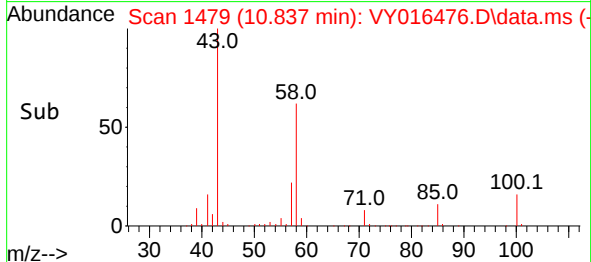
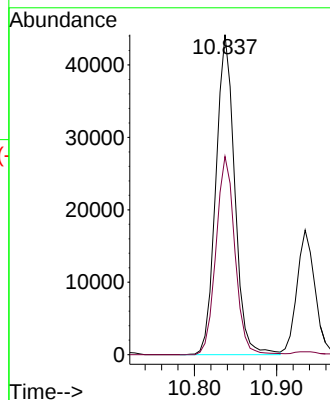
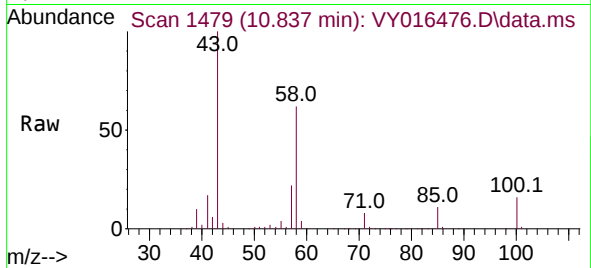




#59
2-Hexanone
Concen: 102.220 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

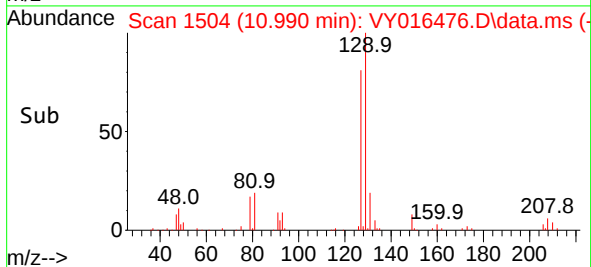
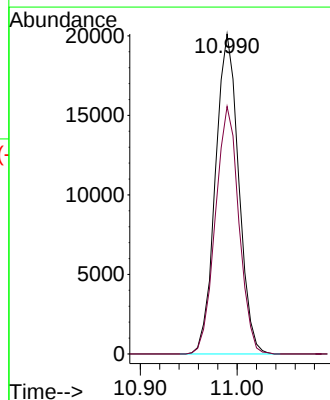
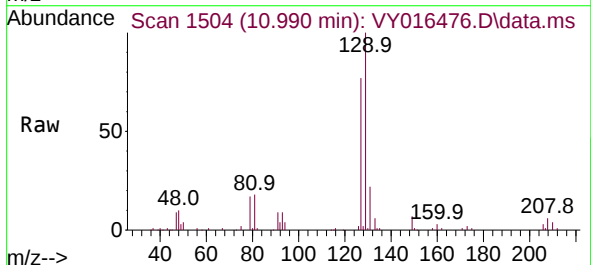
Instrument :
MSVOA_Y
ClientSampleId :

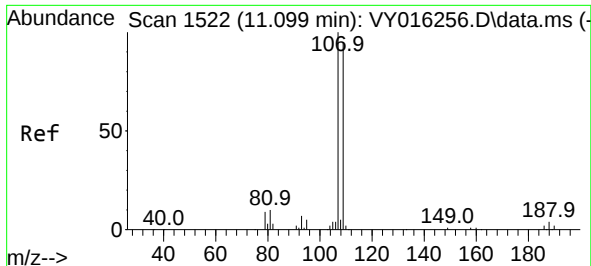
Tgt Ion: 43 Resp: 70195
Ion Ratio Lower Upper
43 100
58 62.1 25.1 75.3



#60
Dibromochloromethane
Concen: 22.776 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion:129 Resp: 33556
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

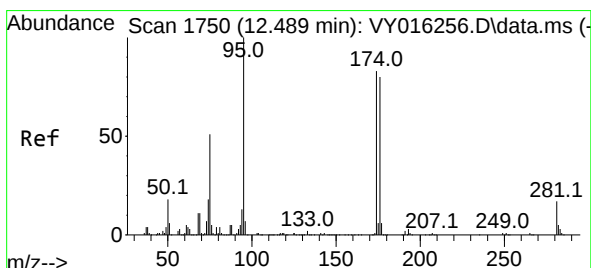
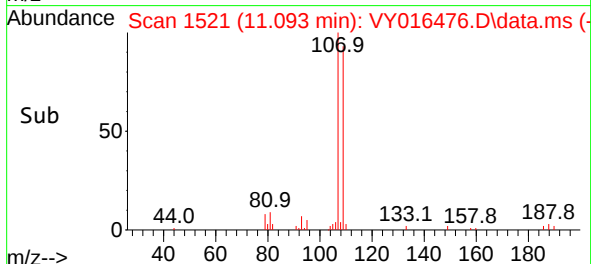
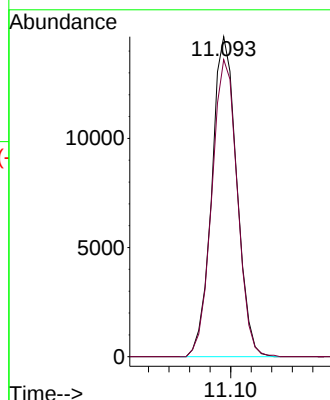
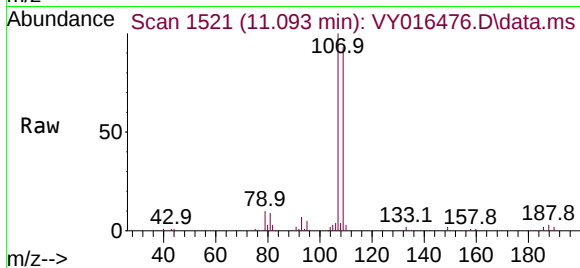




#61
1,2-Dibromoethane
Concen: 21.976 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

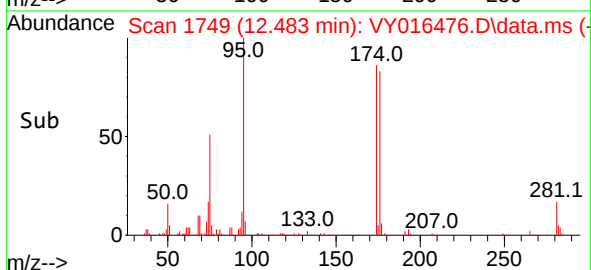
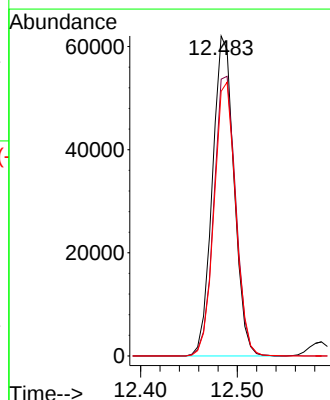
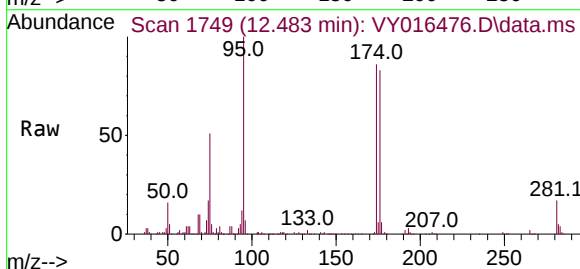
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 24665
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 95 Resp: 96277
Ion Ratio Lower Upper
95 100
174 88.5 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: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

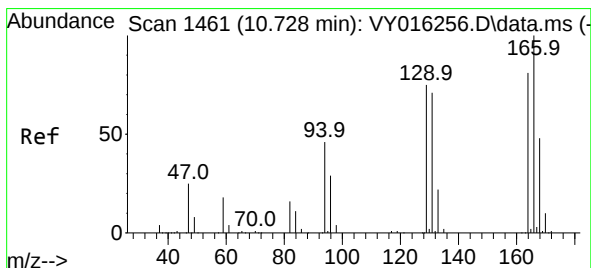
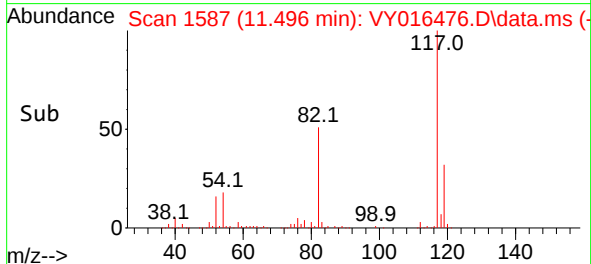
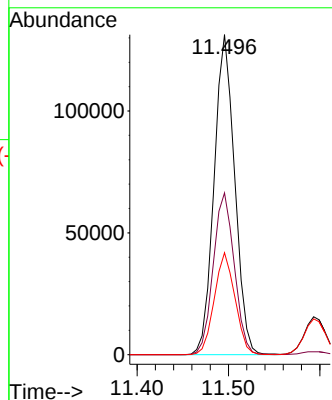
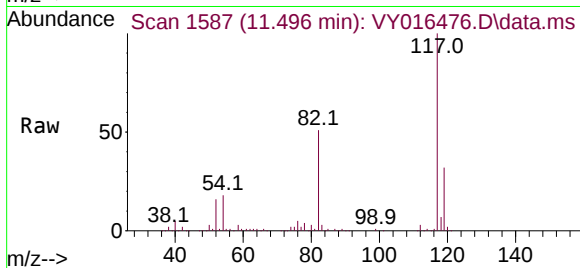
Tgt Ion:117 Resp: 206157

Ion Ratio Lower Upper

117 100

82 50.5 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 23.274 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Tgt Ion:164 Resp: 43082

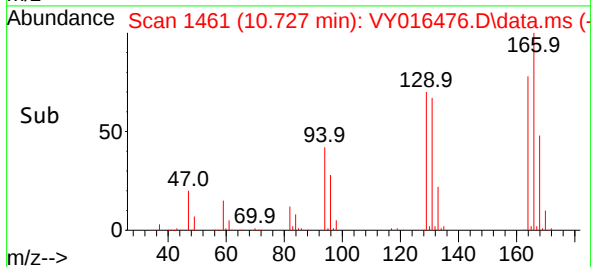
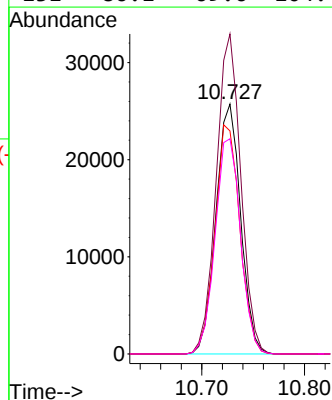
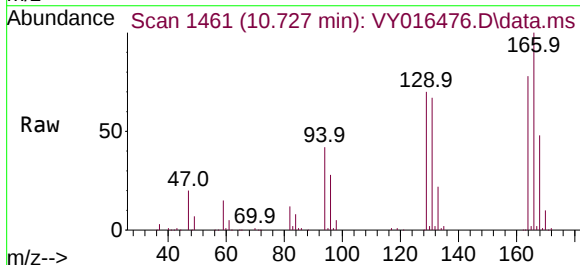
Ion Ratio Lower Upper

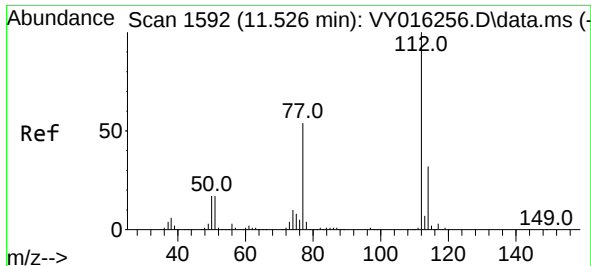
164 100

166 128.0 103.0 154.6

129 89.3 77.2 115.8

131 86.1 69.6 104.4

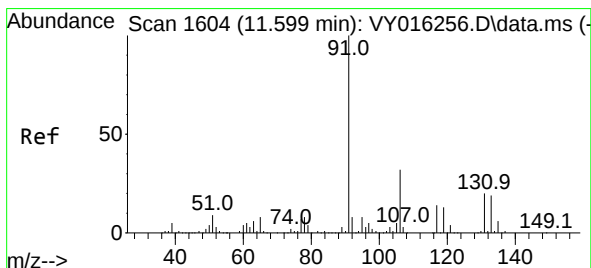
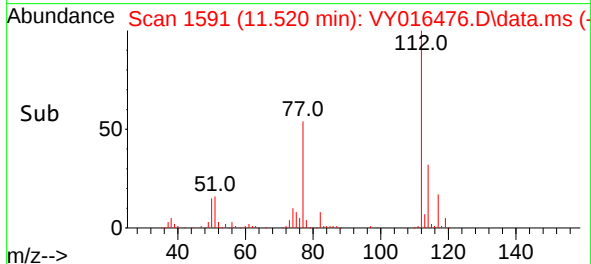
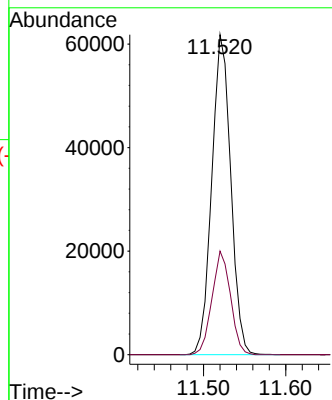
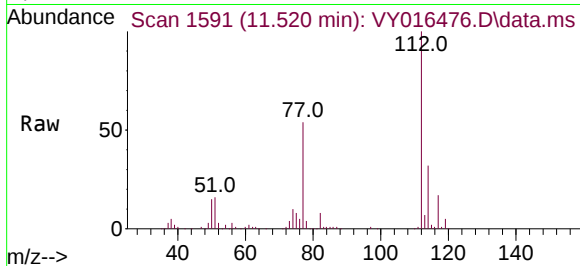




#65
Chlorobenzene
Concen: 22.491 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

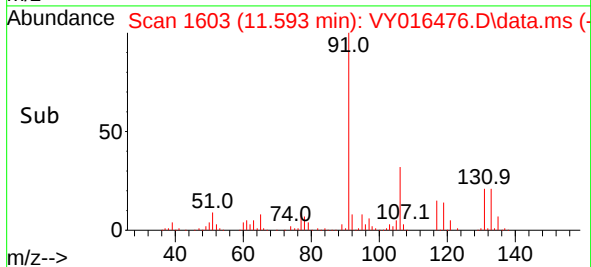
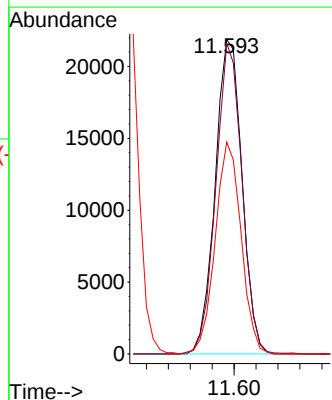
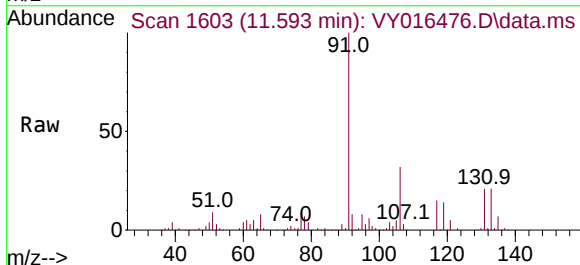
Instrument :
MSVOA_Y
ClientSampleId :

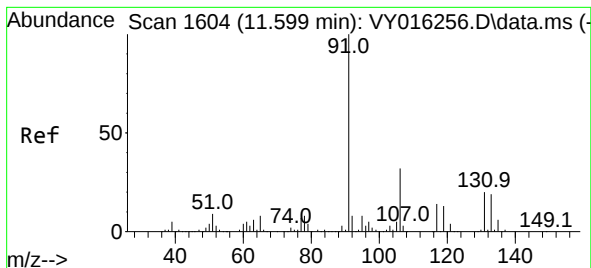
Tgt Ion:112 Resp: 99065
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.870 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion:131 Resp: 37154
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 21.747 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

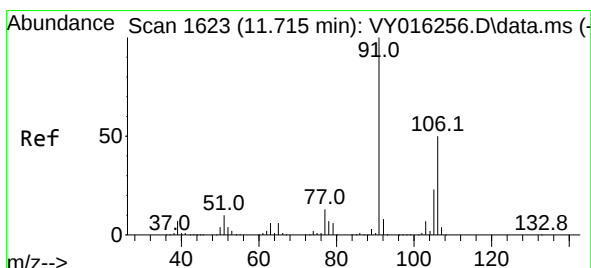
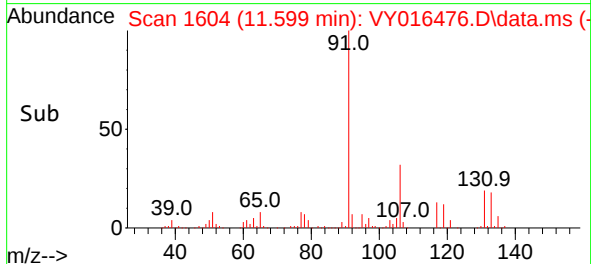
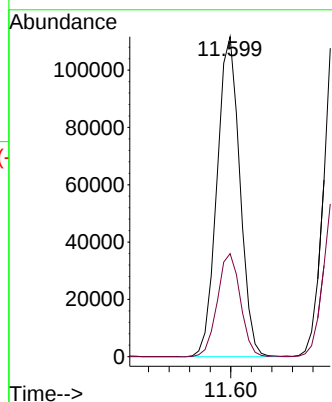
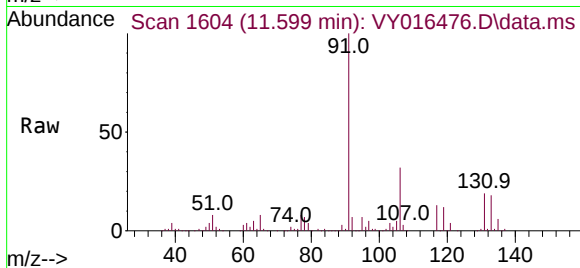
ClientSampleId :

Tgt Ion: 91 Resp: 172148

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



#68

m/p-Xylenes

Concen: 44.903 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016476.D

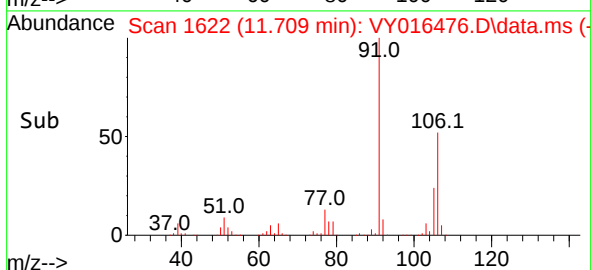
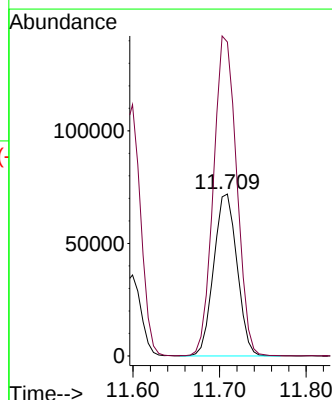
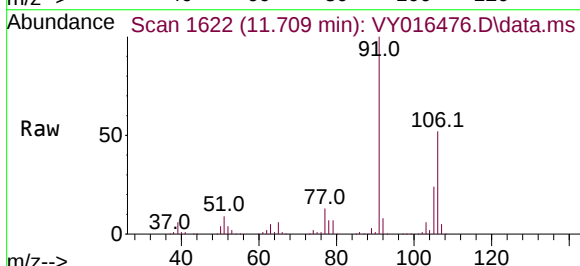
Acq: 24 Nov 2023 11:05

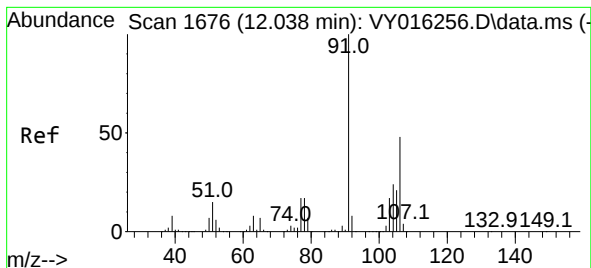
Tgt Ion:106 Resp: 134816

Ion Ratio Lower Upper

106 100

91 196.4 166.1 249.1





#69

o-Xylene

Concen: 22.249 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

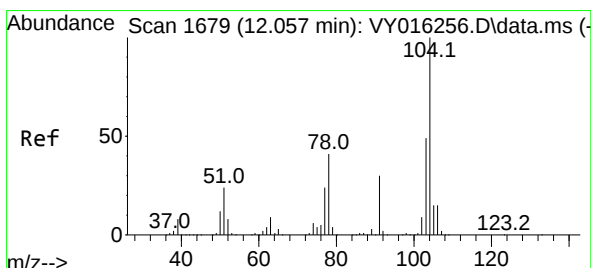
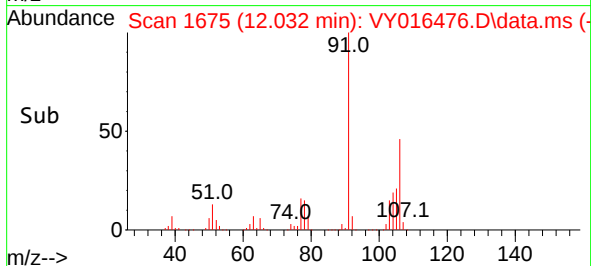
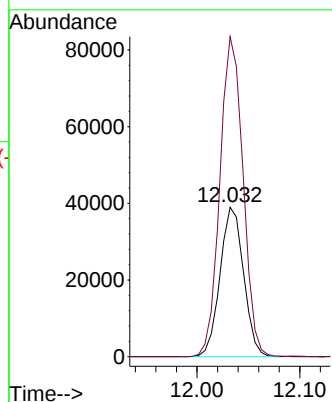
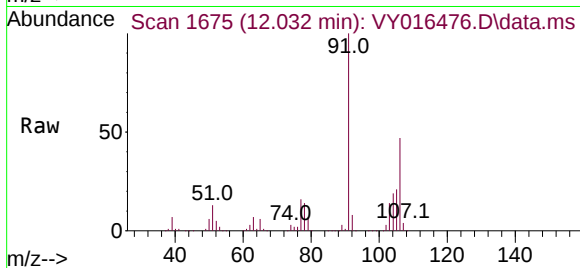
ClientSampleId :

Tgt Ion:106 Resp: 62020

Ion Ratio Lower Upper

106 100

91 210.5 108.1 324.3



#70

Styrene

Concen: 22.466 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

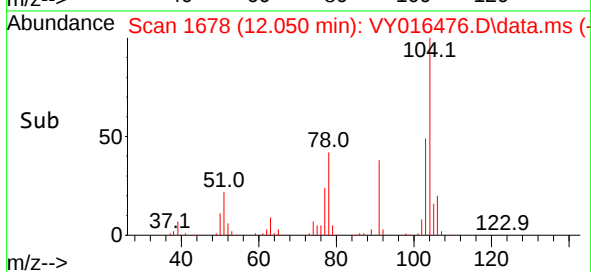
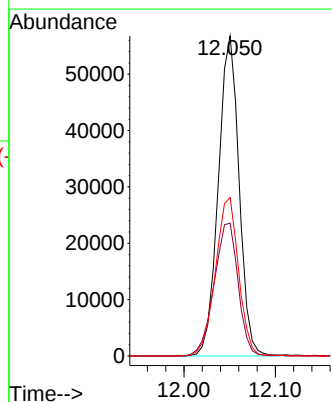
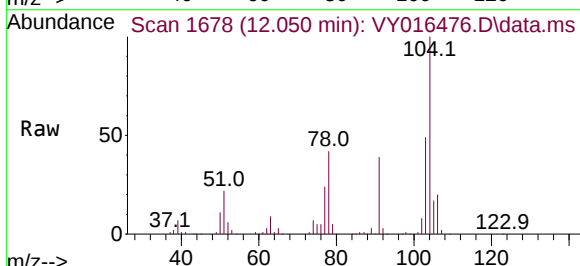
Tgt Ion:104 Resp: 89674

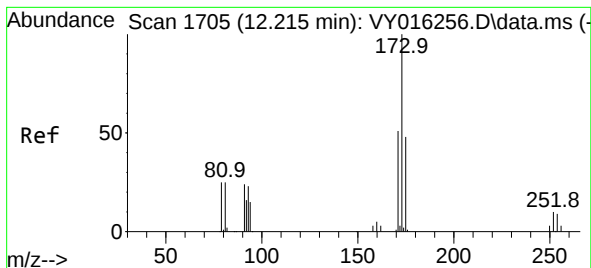
Ion Ratio Lower Upper

104 100

78 48.0 41.5 62.3

103 55.2 44.6 67.0





#71

Bromoform

Concen: 23.116 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016476.D

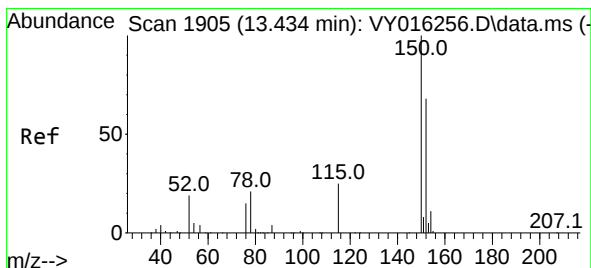
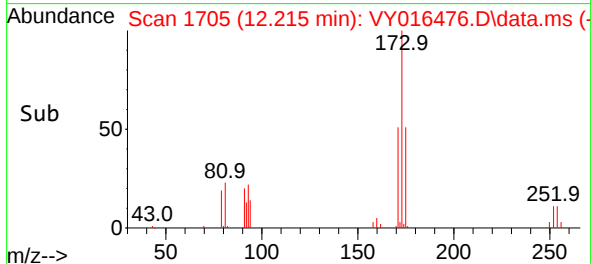
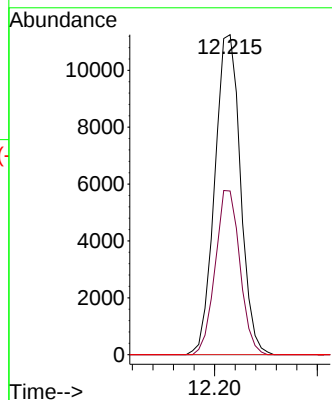
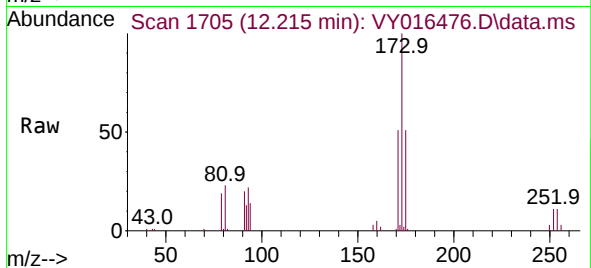
Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	19486
Ion Ratio	Lower	Upper
173	100	
175	49.3	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

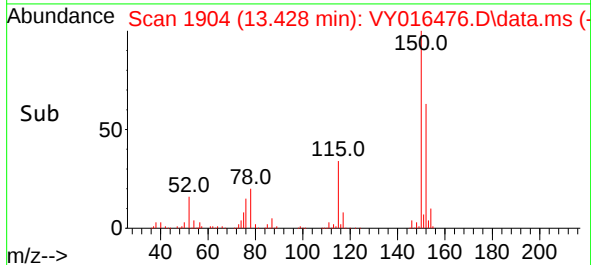
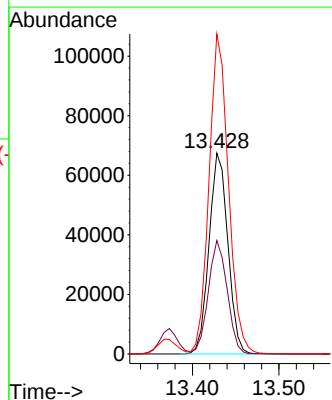
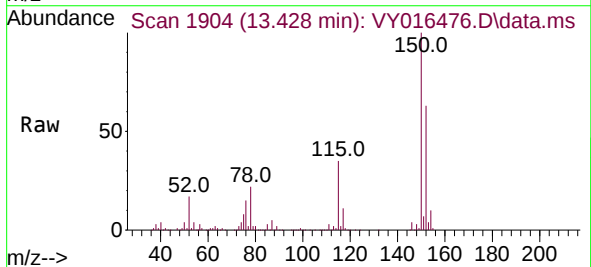
RT: 13.428 min Scan# 1904

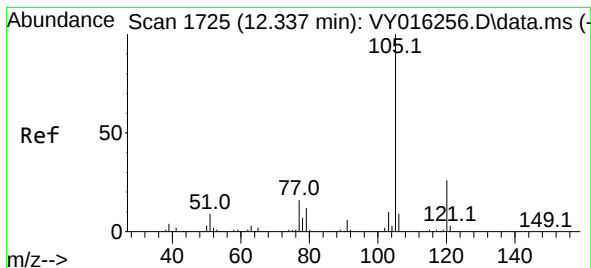
Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Tgt Ion:152	Resp:	101781
Ion Ratio	Lower	Upper
152	100	
115	56.5	28.8 86.5
150	164.6	0.0 348.8





#73

Isopropylbenzene

Concen: 20.685 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

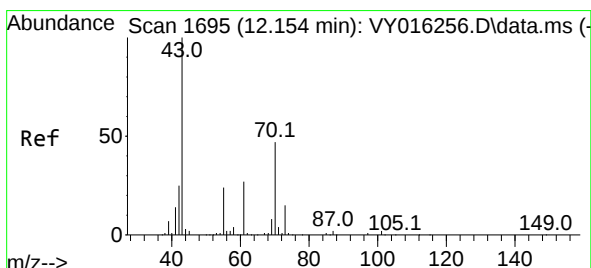
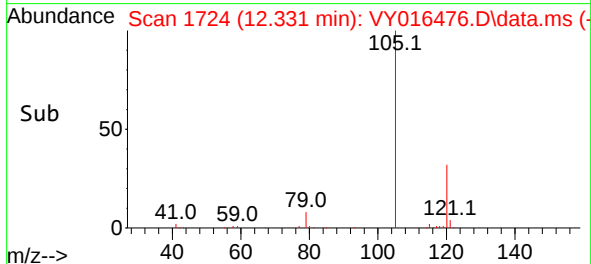
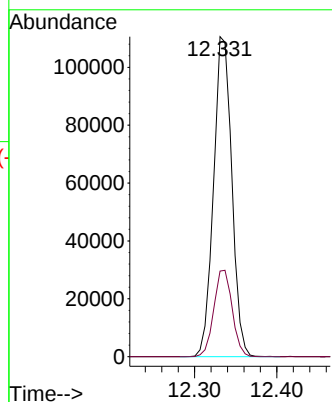
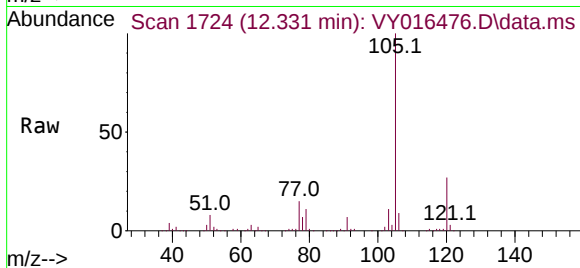
ClientSampleId :

Tgt Ion:105 Resp: 170486

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-amy1 acetate

Concen: 16.195 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Tgt Ion: 43 Resp: 26812

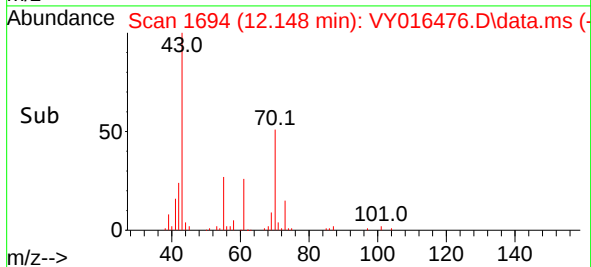
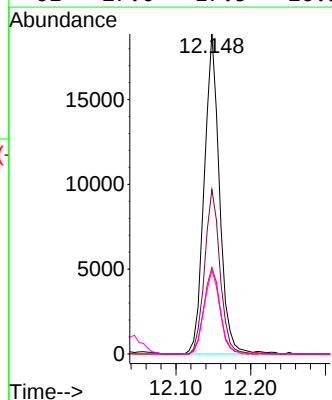
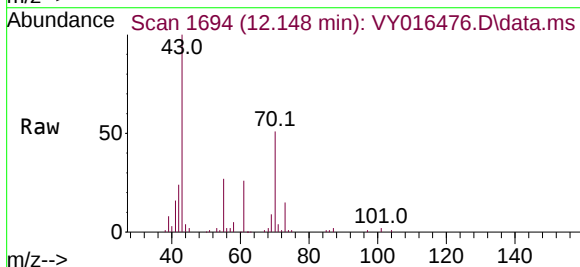
Ion Ratio Lower Upper

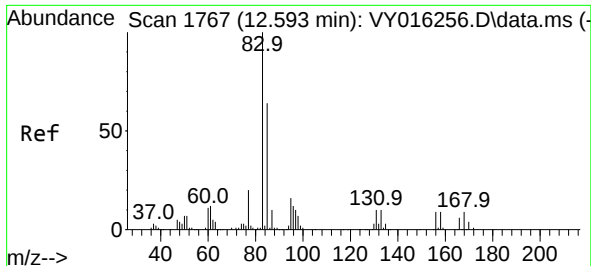
43 100

70 51.4 29.7 44.5#

55 28.4 18.3 27.5#

61 27.0 17.5 26.3#

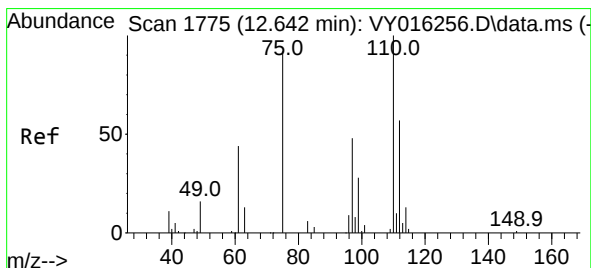
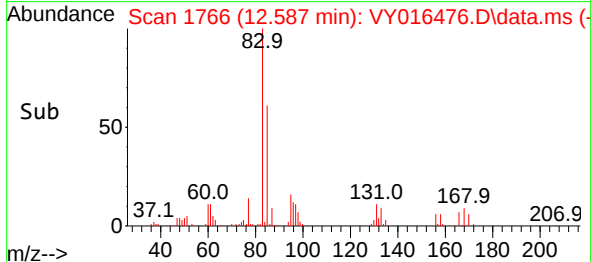
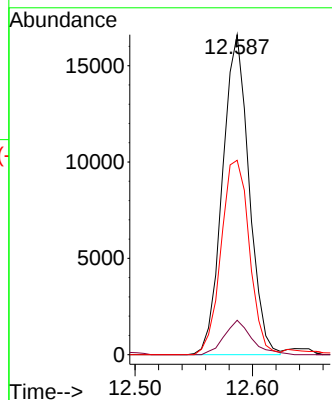
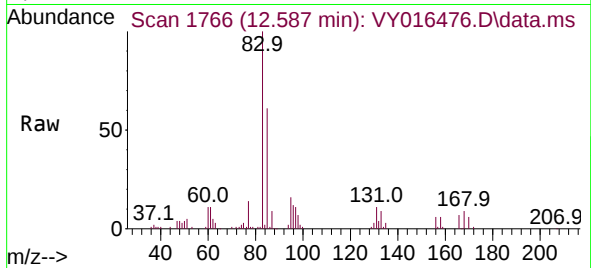




#75
1,1,2,2-Tetrachloroethane
Concen: 19.696 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

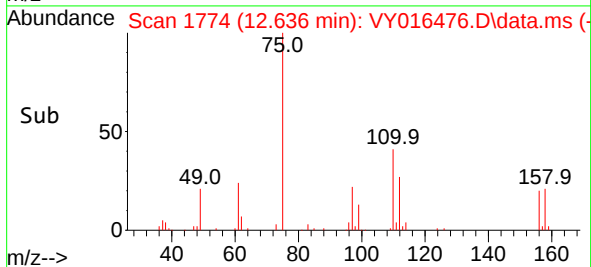
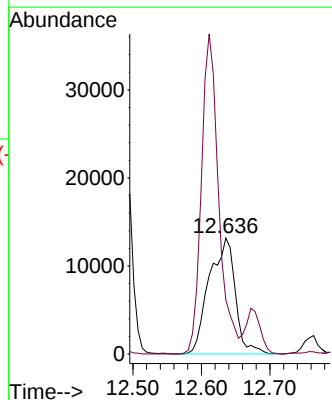
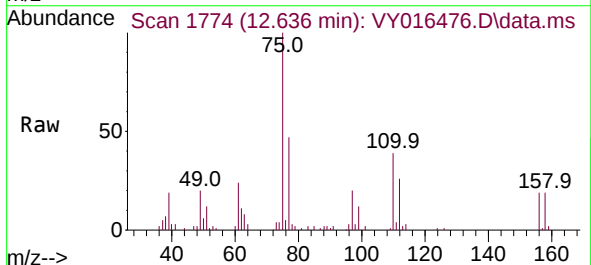
Instrument :
MSVOA_Y
ClientSampleId :

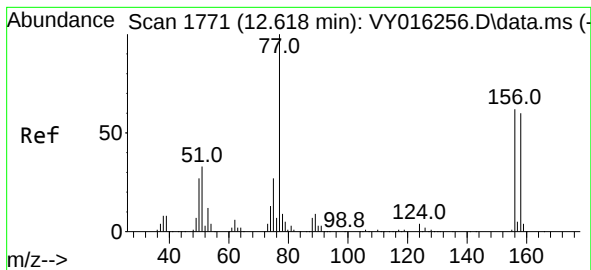
Tgt Ion: 83 Resp: 26049
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 64.8 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 35.668 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 75 Resp: 34825
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.073 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

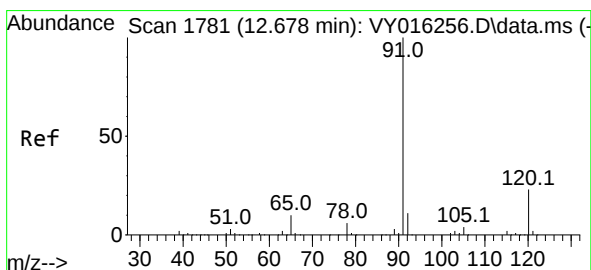
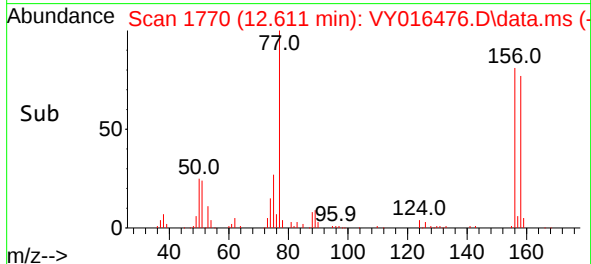
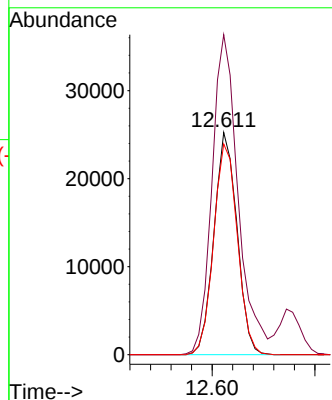
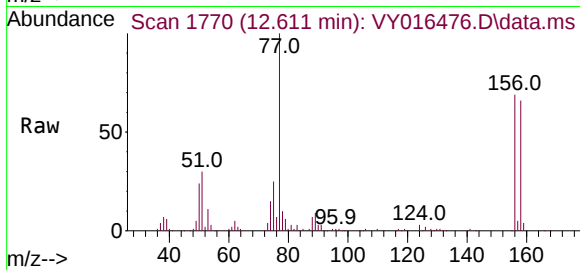
Tgt Ion:156 Resp: 39254

Ion Ratio Lower Upper

156 100

77 162.8 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 20.351 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016476.D

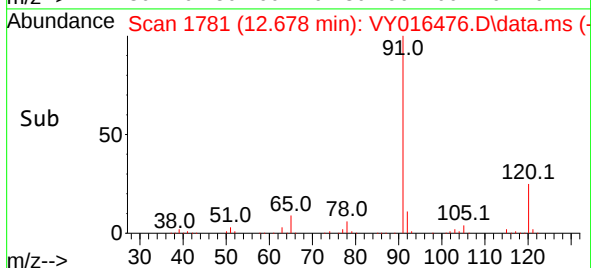
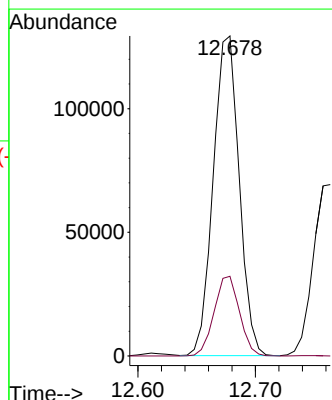
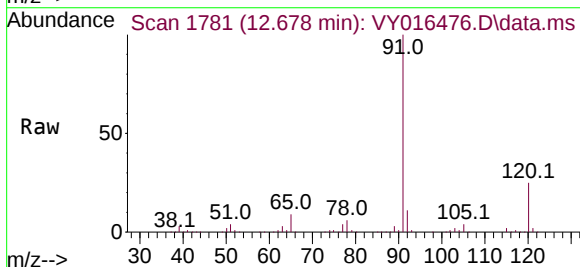
Acq: 24 Nov 2023 11:05

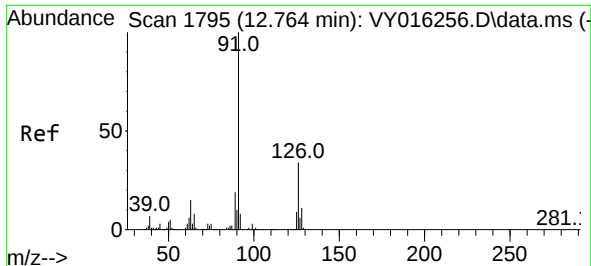
Tgt Ion: 91 Resp: 198225

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4

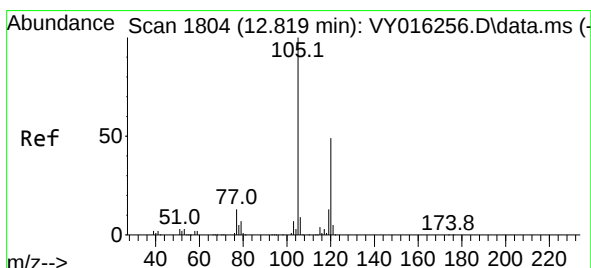
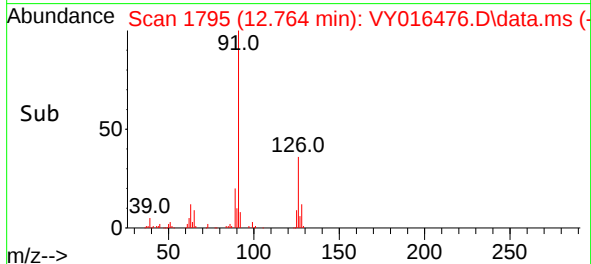
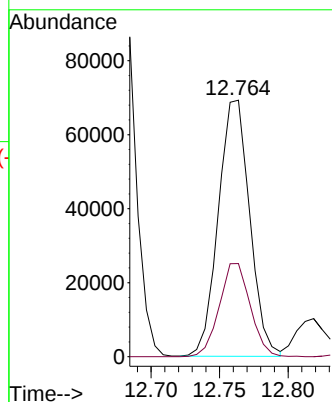
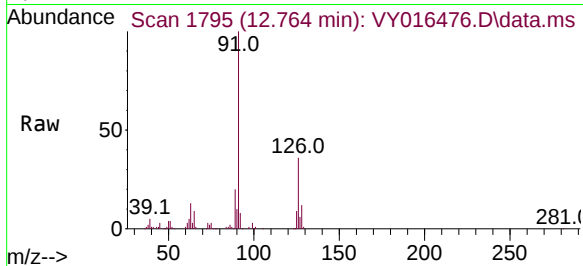




#79
2-Chlorotoluene
Concen: 20.639 ug/l
RT: 12.764 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

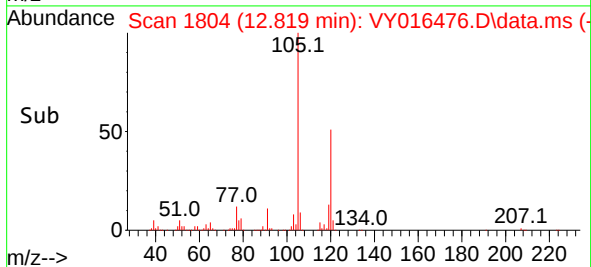
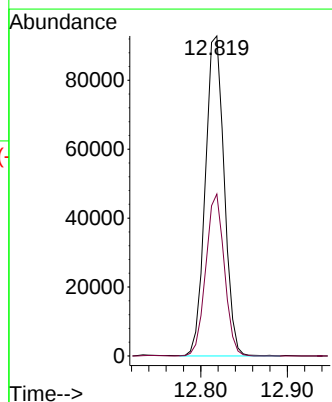
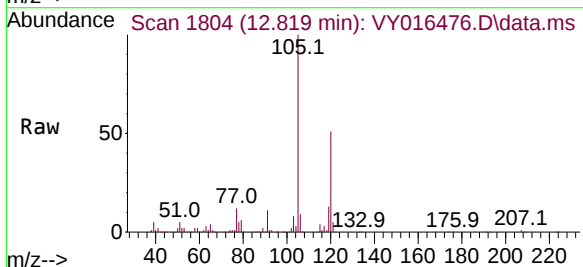
Instrument :
MSVOA_Y
ClientSampleId :

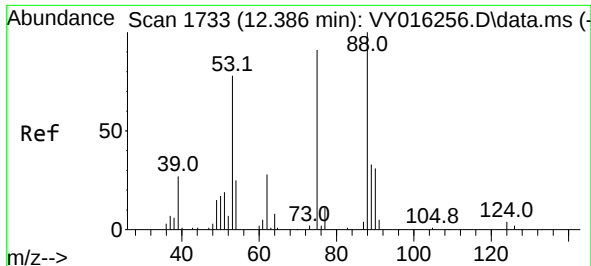
Tgt Ion: 91 Resp: 110787
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.190 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 105 Resp: 140813
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

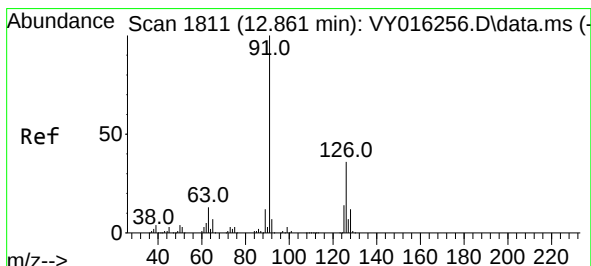
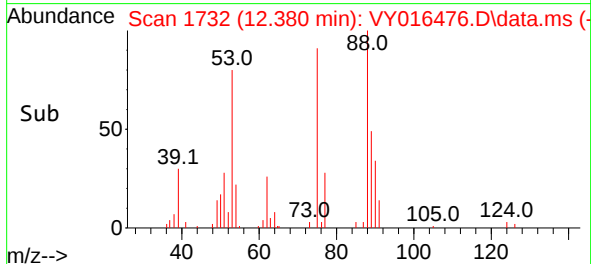
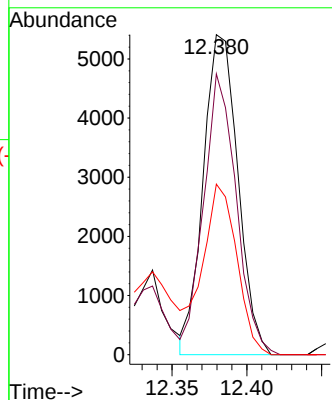
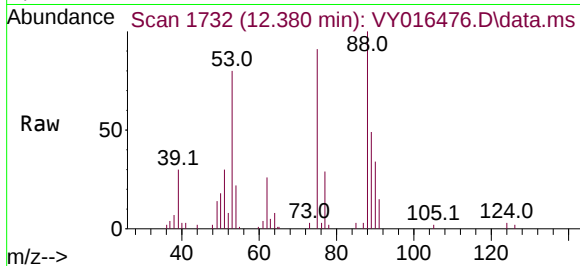




#81
trans-1,4-Dichloro-2-butene
Concen: 19.377 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

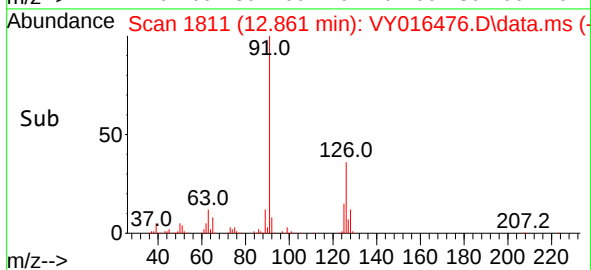
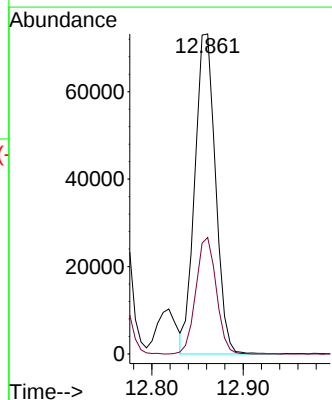
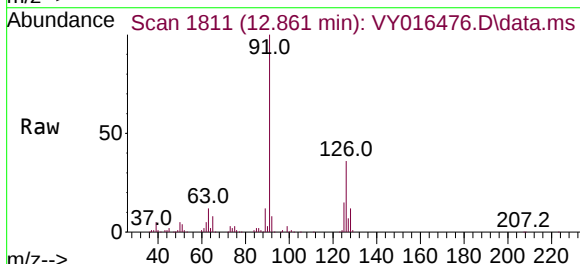
Instrument :
MSVOA_Y
ClientSampleId :

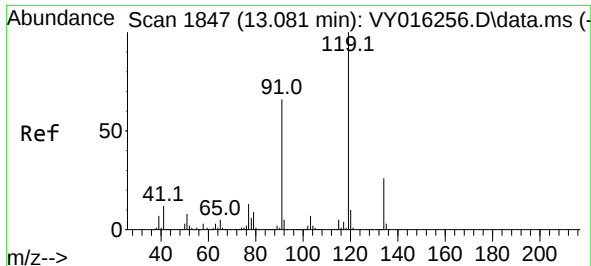
Tgt Ion: 75 Resp: 8716
Ion Ratio Lower Upper
75 100
53 82.8 77.8 116.8
89 53.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.770 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 91 Resp: 115204
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6

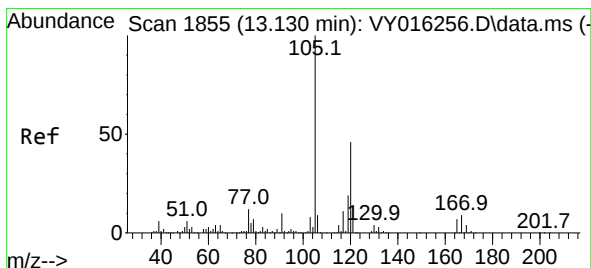
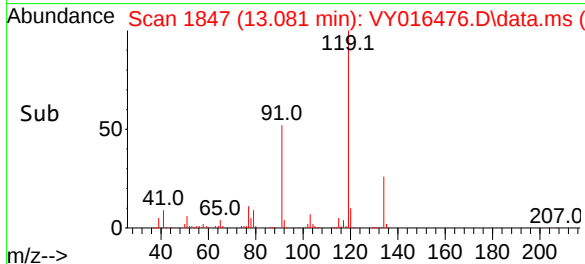
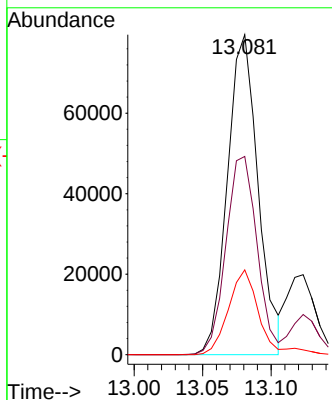
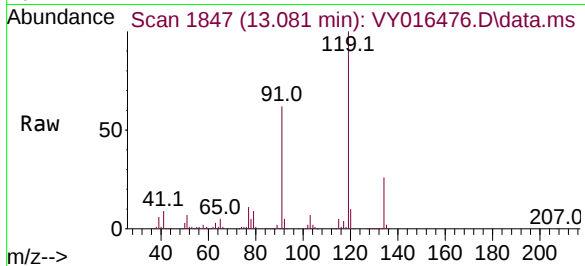




#83
tert-Butylbenzene
Concen: 21.215 ug/l
RT: 13.081 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

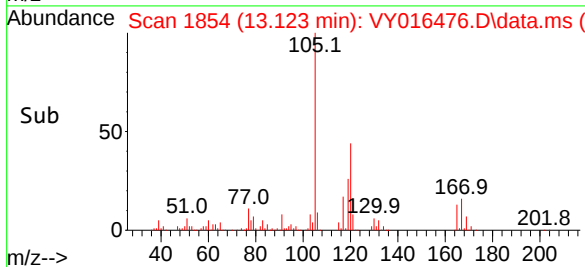
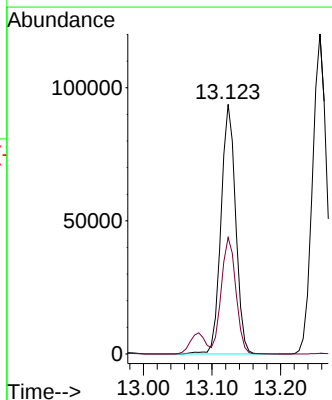
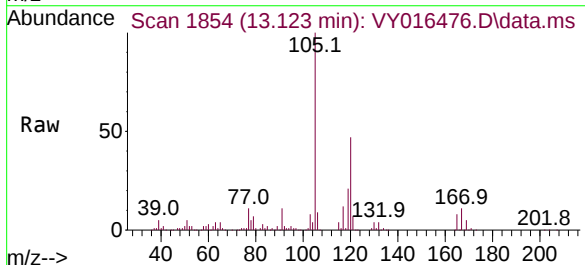
Instrument :
MSVOA_Y
ClientSampleId :

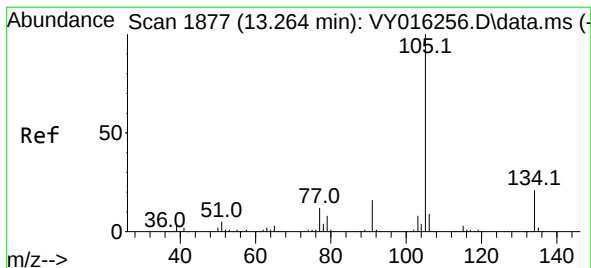
Tgt Ion:119 Resp: 124176
Ion Ratio Lower Upper
119 100
91 62.8 32.9 98.6
134 26.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 21.112 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion:105 Resp: 138142
Ion Ratio Lower Upper
105 100
120 46.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.920 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

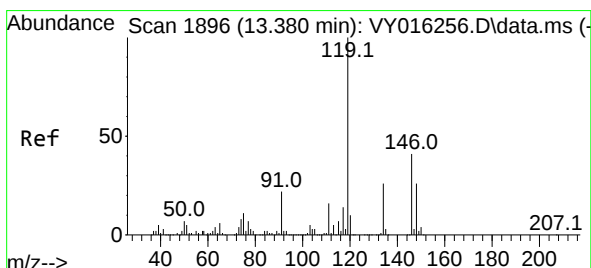
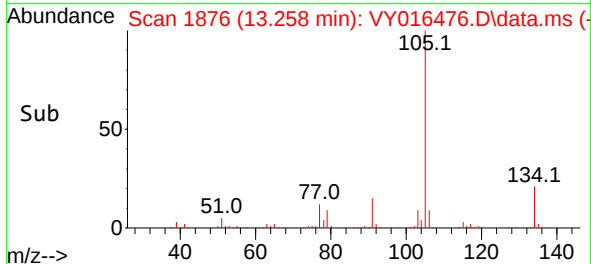
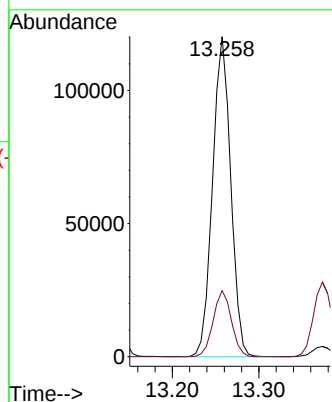
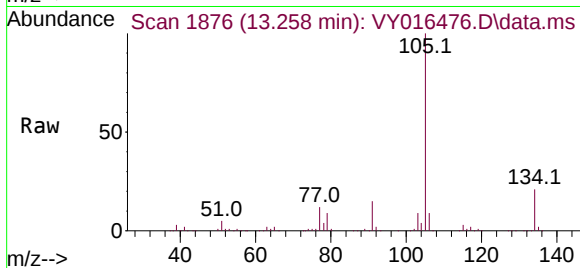
ClientSampleId :

Tgt Ion:105 Resp: 174933

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.200 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

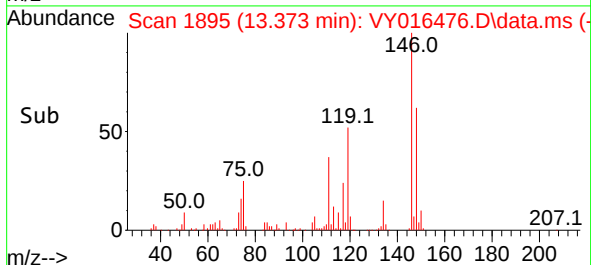
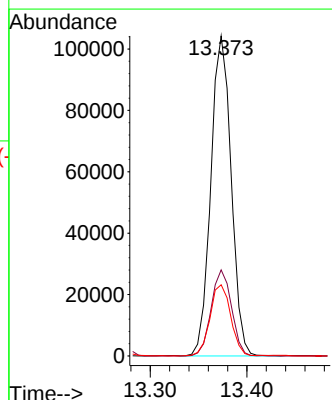
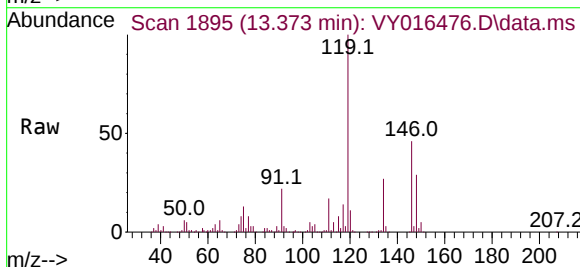
Tgt Ion:119 Resp: 152646

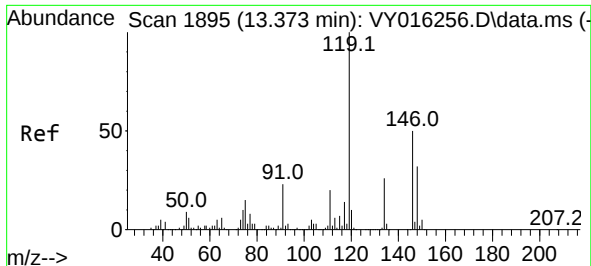
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.7 12.4 37.4

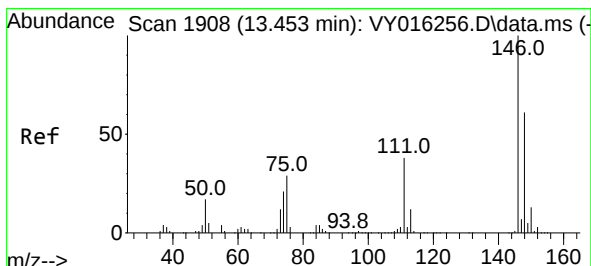
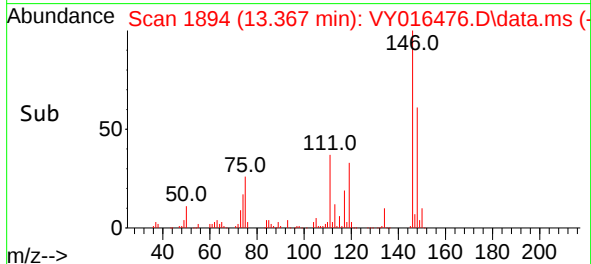
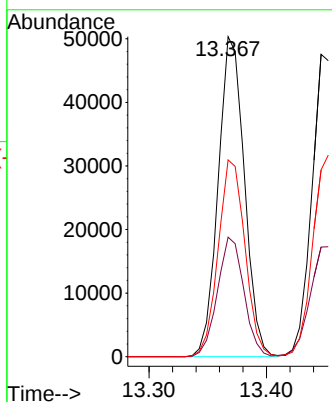
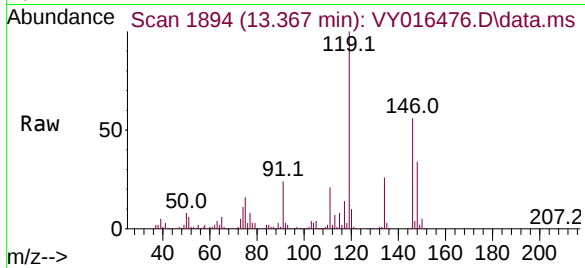




#87
1,3-Dichlorobenzene
Concen: 21.776 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

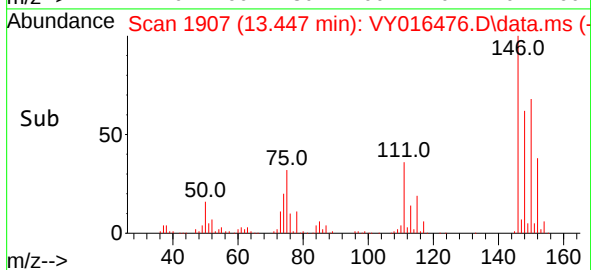
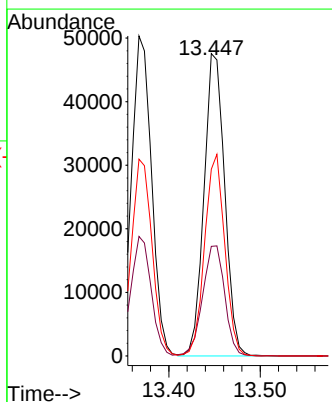
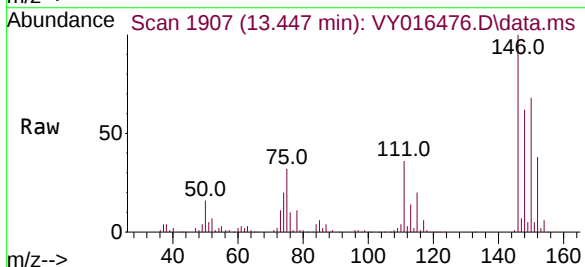
Instrument :
MSVOA_Y
ClientSampleId :

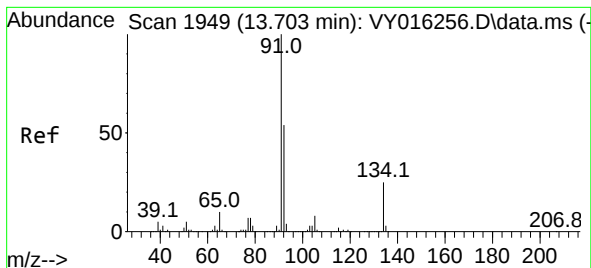
Tgt Ion:146 Resp: 78041
Ion Ratio Lower Upper
146 100
111 37.6 19.4 58.2
148 62.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 21.312 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion:146 Resp: 74643
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.309 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

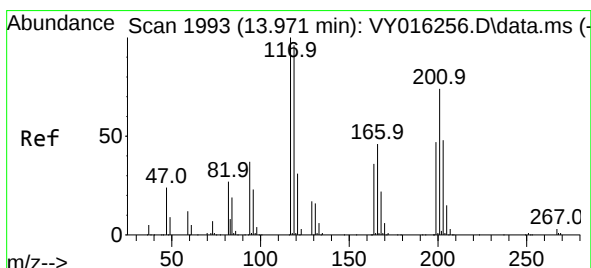
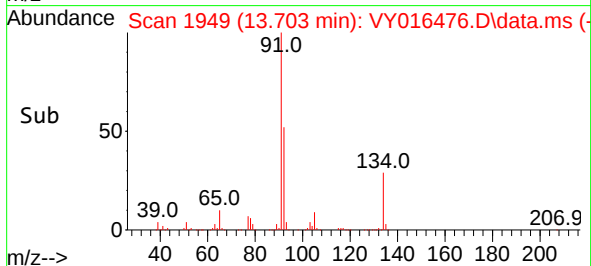
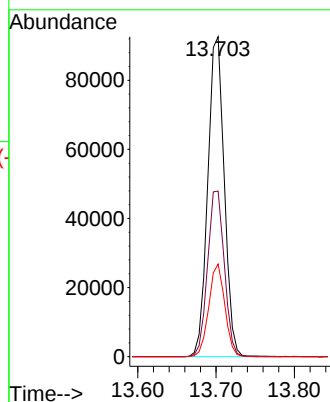
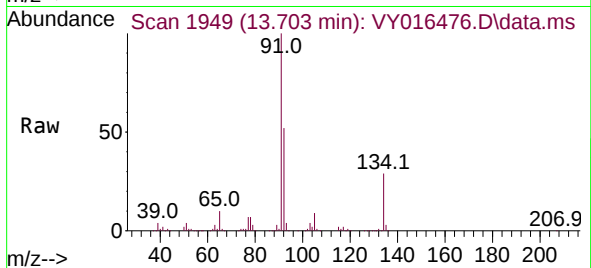
Tgt Ion: 91 Resp: 135042

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 28.2 12.6 37.6



#90

Hexachloroethane

Concen: 21.441 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016476.D

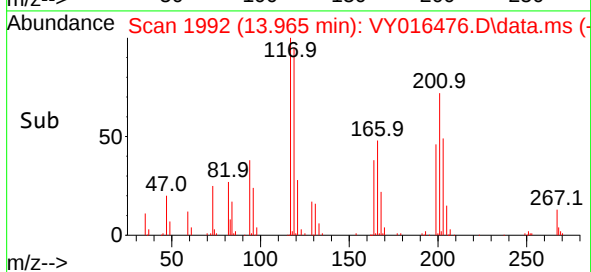
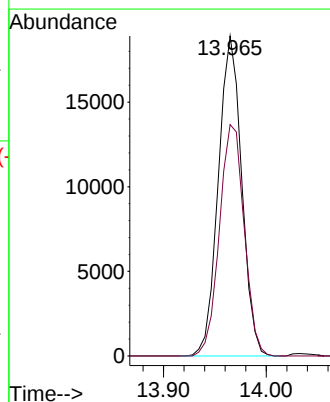
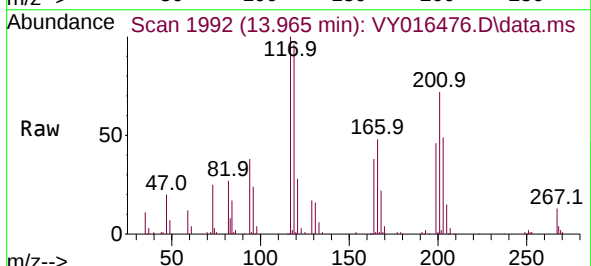
Acq: 24 Nov 2023 11:05

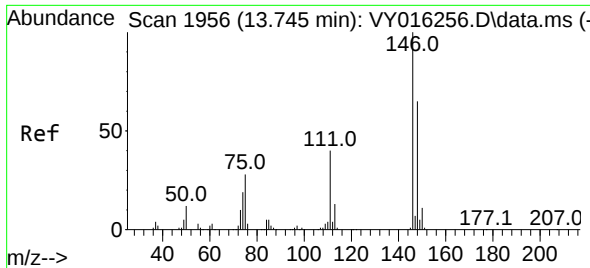
Tgt Ion: 117 Resp: 29780

Ion Ratio Lower Upper

117 100

201 76.6 41.6 124.8

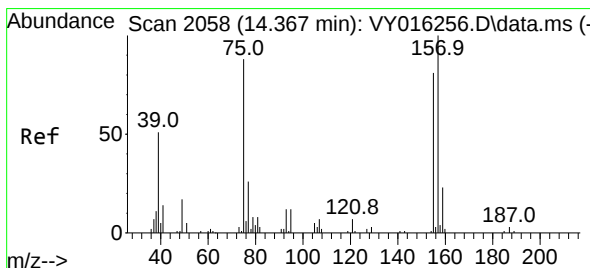
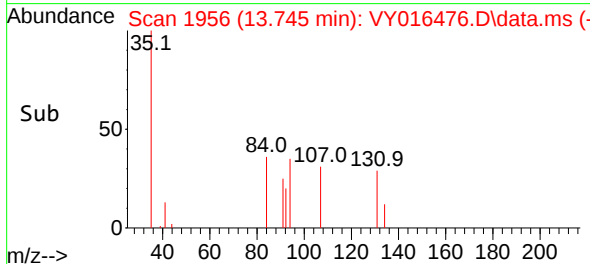
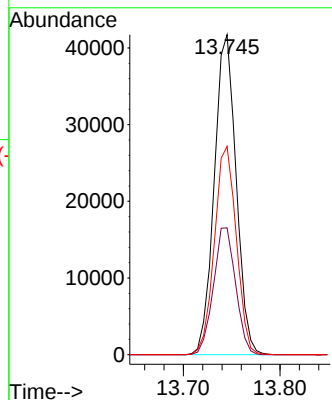
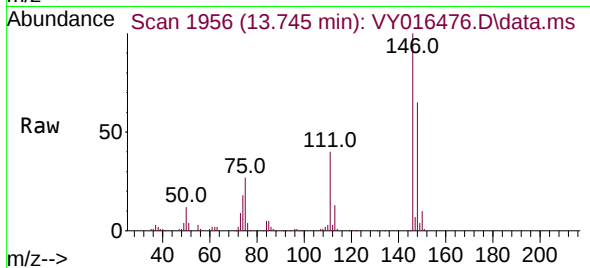




#91
1,2-Dichlorobenzene
Concen: 21.321 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

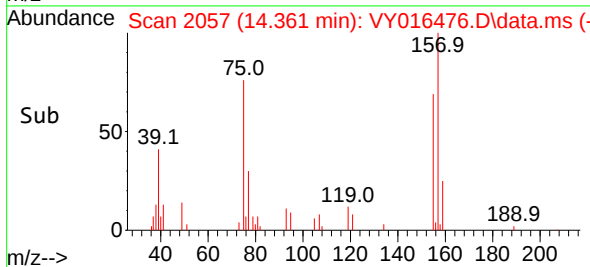
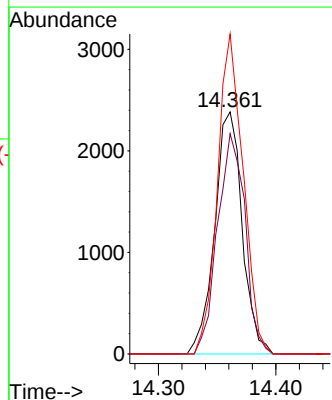
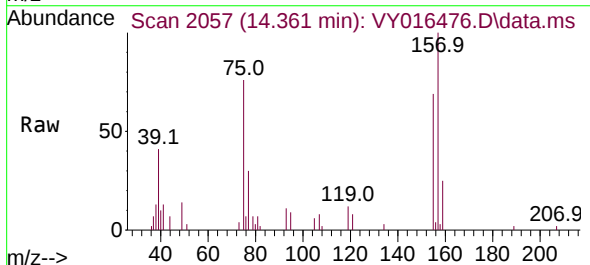
Instrument :
MSVOA_Y
ClientSampleId :

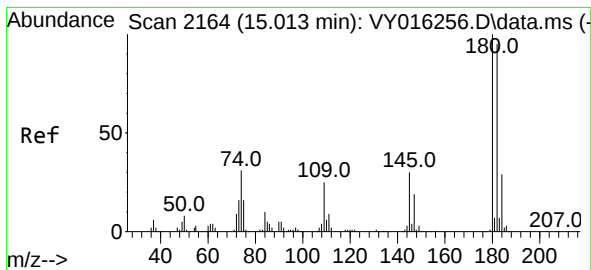
Tgt Ion:146 Resp: 65477
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 65.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.449 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016476.D
Acq: 24 Nov 2023 11:05

Tgt Ion: 75 Resp: 3882
Ion Ratio Lower Upper
75 100
155 90.6 41.5 124.6
157 123.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.024 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

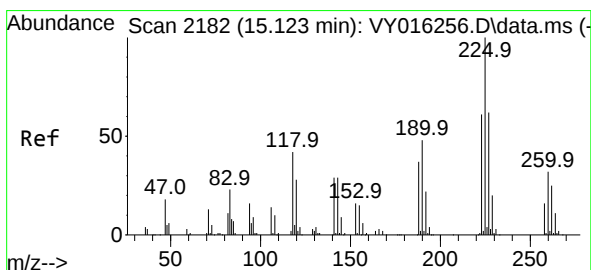
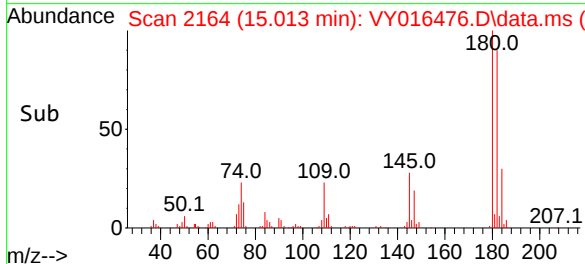
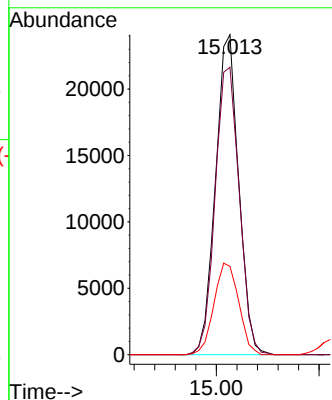
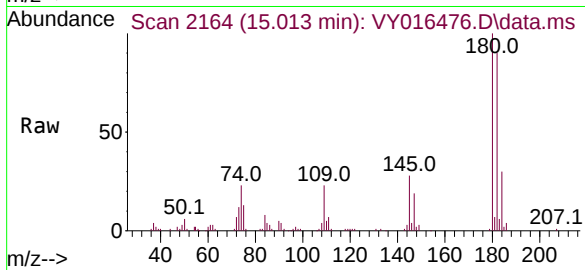
Tgt Ion:180 Resp: 37686

Ion Ratio Lower Upper

180 100

182 93.5 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.799 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

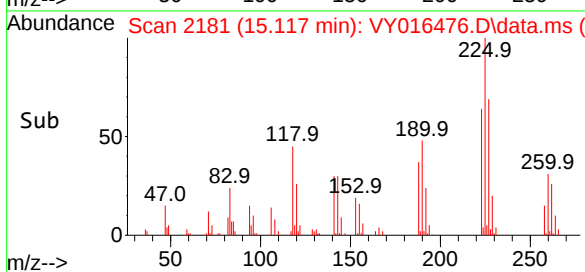
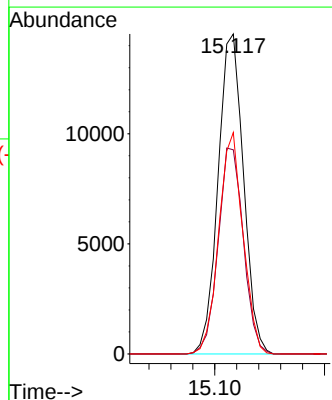
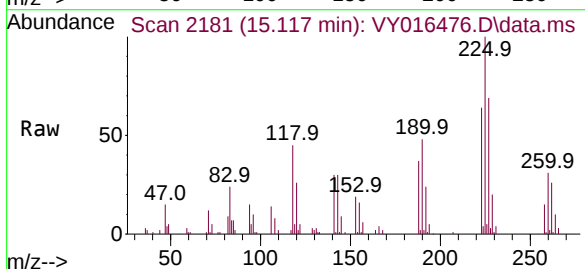
Tgt Ion:225 Resp: 23414

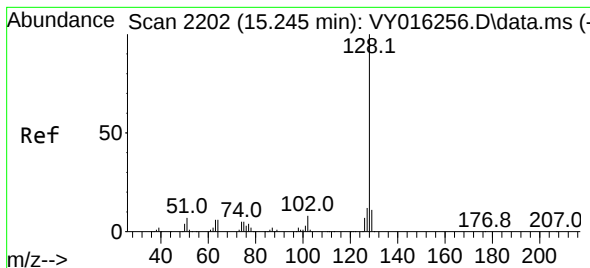
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 65.8 33.0 98.9





#95

Naphthalene

Concen: 19.232 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016476.D

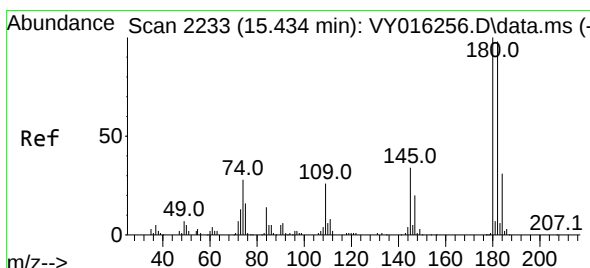
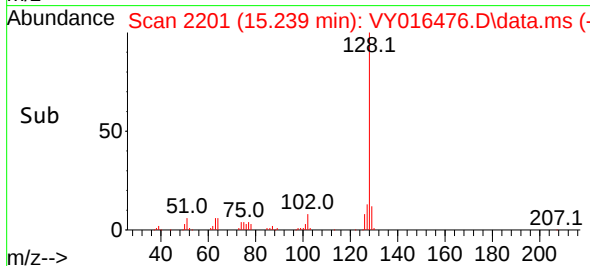
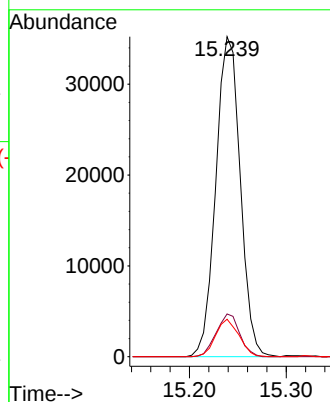
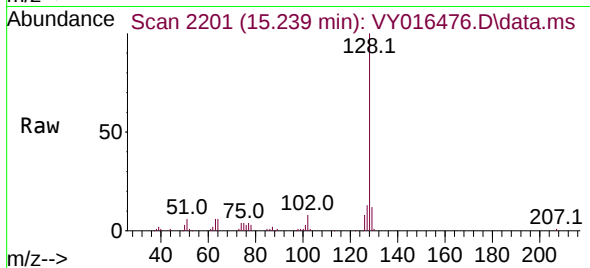
Acq: 24 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 61657
Ion Ratio	Lower Upper
128	100
127	12.8 10.8 16.2
129	11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.586 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016476.D

Acq: 24 Nov 2023 11:05

Tgt Ion:180	Resp: 30522
Ion Ratio	Lower Upper
180	100
182	94.6 47.3 141.8
145	33.1 15.4 46.2

