

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016497.D
 Acq On : 24 Nov 2023 20:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 27 04:50:29 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	7.819	168	137395	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	221092	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	199770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	96472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	69296	55.184	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.360%	
35) Dibromofluoromethane	7.740	113	74433	59.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.520%	
50) Toluene-d8	10.197	98	275640	54.120	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.502	95	95124	57.506	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	64597	48.016	ug/l	99
3) Chloromethane	2.125	50	72557	46.051	ug/l	97
4) Vinyl Chloride	2.266	62	82730	48.830	ug/l	100
5) Bromomethane	2.668	94	55528	49.871	ug/l	100
6) Chloroethane	2.814	64	52926	48.957	ug/l	94
7) Trichlorofluoromethane	3.150	101	130603	52.985	ug/l	97
8) Diethyl Ether	3.552	74	43440	58.966	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.930	101	75547	50.887	ug/l	97
10) Methyl Iodide	4.119	142	92171	57.484	ug/l	98
11) Tert butyl alcohol	4.985	59	28418	288.995	ug/l #	81
12) 1,1-Dichloroethene	3.899	96	72655	52.329	ug/l	82
13) Acrolein	3.759	56	24166	203.746	ug/l	97
14) Allyl chloride	4.509	41	92809	47.105	ug/l #	89
15) Acrylonitrile	5.192	53	86809	296.927	ug/l	97
16) Acetone	3.979	43	63539	305.896	ug/l #	85
17) Carbon Disulfide	4.229	76	217481	51.915	ug/l	100
18) Methyl Acetate	4.509	43	74929	67.887	ug/l #	82
19) Methyl tert-butyl Ether	5.253	73	200472	59.657	ug/l	96
20) Methylene Chloride	4.753	84	85788	59.097	ug/l #	80
21) trans-1,2-Dichloroethene	5.259	96	88017	55.059	ug/l	88
22) Diisopropyl ether	6.149	45	210682	49.617	ug/l #	87
23) Vinyl Acetate	6.094	43	497979	242.036	ug/l #	87
24) 1,1-Dichloroethane	6.051	63	137667	52.554	ug/l	95
25) 2-Butanone	7.015	43	103013	283.141	ug/l #	87
26) 2,2-Dichloropropane	7.009	77	116245	48.758	ug/l	94
27) cis-1,2-Dichloroethene	7.015	96	98107	56.946	ug/l	85
28) Bromochloromethane	7.362	49	50320	51.903	ug/l #	72
29) Tetrahydrofuran	7.374	42	69079	287.261	ug/l #	78
30) Chloroform	7.533	83	154197	56.552	ug/l	97
31) Cyclohexane	7.813	56	109447	44.269	ug/l #	83
32) 1,1,1-Trichloroethane	7.734	97	139364	55.758	ug/l	95
36) 1,1-Dichloropropene	7.947	75	111531	51.142	ug/l	97
37) Ethyl Acetate	7.106	43	46915	53.242	ug/l #	90
38) Carbon Tetrachloride	7.929	117	127116	56.162	ug/l	98
39) Methylcyclohexane	9.209	83	138256	50.877	ug/l	88
40) Benzene	8.185	78	337189	55.032	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	21437	48.250	ug/l #	84
42) 1,2-Dichloroethane	8.264	62	92374	58.186	ug/l	91
43) Isopropyl Acetate	8.295	43	89418	52.498	ug/l #	85
44) Trichloroethene	8.959	130	102898	58.434	ug/l	93
45) 1,2-Dichloropropane	9.240	63	79175	53.806	ug/l	98
46) Dibromomethane	9.325	93	48904	61.329	ug/l	99
47) Bromodichloromethane	9.520	83	118215	57.665	ug/l	96
48) Methyl methacrylate	9.313	41	51904	55.138	ug/l #	78
49) 1,4-Dioxane	9.319	88	10909	1288.632	ug/l #	56
51) 4-Methyl-2-Pentanone	10.087	43	246037	285.656	ug/l #	85
52) Toluene	10.264	92	217798	56.233	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	116701	58.722	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	133719	56.335	ug/l #	84
55) 1,1,2-Trichloroethane	10.660	97	68951	62.736	ug/l	94
56) Ethyl methacrylate	10.526	69	65168	62.814	ug/l #	77
57) 1,3-Dichloropropane	10.813	76	112623	60.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	212869	302.593	ug/l #	89
59) 2-Hexanone	10.849	43	171970	268.427	ug/l	81
60) Dibromochloromethane	11.002	129	89488	65.104	ug/l	100
61) 1,2-Dibromoethane	11.105	107	65971	63.005	ug/l	99
64) Tetrachloroethene	10.740	164	109616	61.110	ug/l	97
65) Chlorobenzene	11.538	112	238367	55.848	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	93085	59.131	ug/l	99
67) Ethyl Benzene	11.611	91	410994	53.581	ug/l	96
68) m/p-Xylenes	11.721	106	320275	110.084	ug/l	93
69) o-Xylene	12.050	106	153532	56.838	ug/l	95
70) Styrene	12.063	104	224947	58.158	ug/l	97
71) Bromoform	12.227	173	55029	67.368	ug/l #	98
73) Isopropylbenzene	12.349	105	403856	51.696	ug/l	98
74) N-amyl acetate	12.160	43	72541	46.229	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.599	83	71890	57.349	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	94144	101.728	ug/l #	100
77) Bromobenzene	12.630	156	100201	56.751	ug/l	90
78) n-propylbenzene	12.691	91	460250	49.852	ug/l	97
79) 2-Chlorotoluene	12.776	91	263092	51.710	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	332757	52.831	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.398	75	23070	54.109	ug/l	89
82) 4-Chlorotoluene	12.873	91	270646	51.479	ug/l	96
83) tert-Butylbenzene	13.093	119	290448	52.354	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	328657	52.993	ug/l	97
85) sec-Butylbenzene	13.270	105	402487	50.782	ug/l	98
86) p-Isopropyltoluene	13.386	119	355921	52.152	ug/l	98
87) 1,3-Dichlorobenzene	13.386	146	185032	54.472	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	182139	54.866	ug/l	100
89) n-Butylbenzene	13.715	91	312035	49.509	ug/l	95
90) Hexachloroethane	13.977	117	70095	53.243	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	163106	56.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	11411	57.215	ug/l	76
93) 1,2,4-Trichlorobenzene	15.025	180	99209	58.392	ug/l	99
94) Hexachlorobutadiene	15.129	225	54642	56.136	ug/l	99
95) Naphthalene	15.251	128	194598	64.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	83808	59.637	ug/l	99

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QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

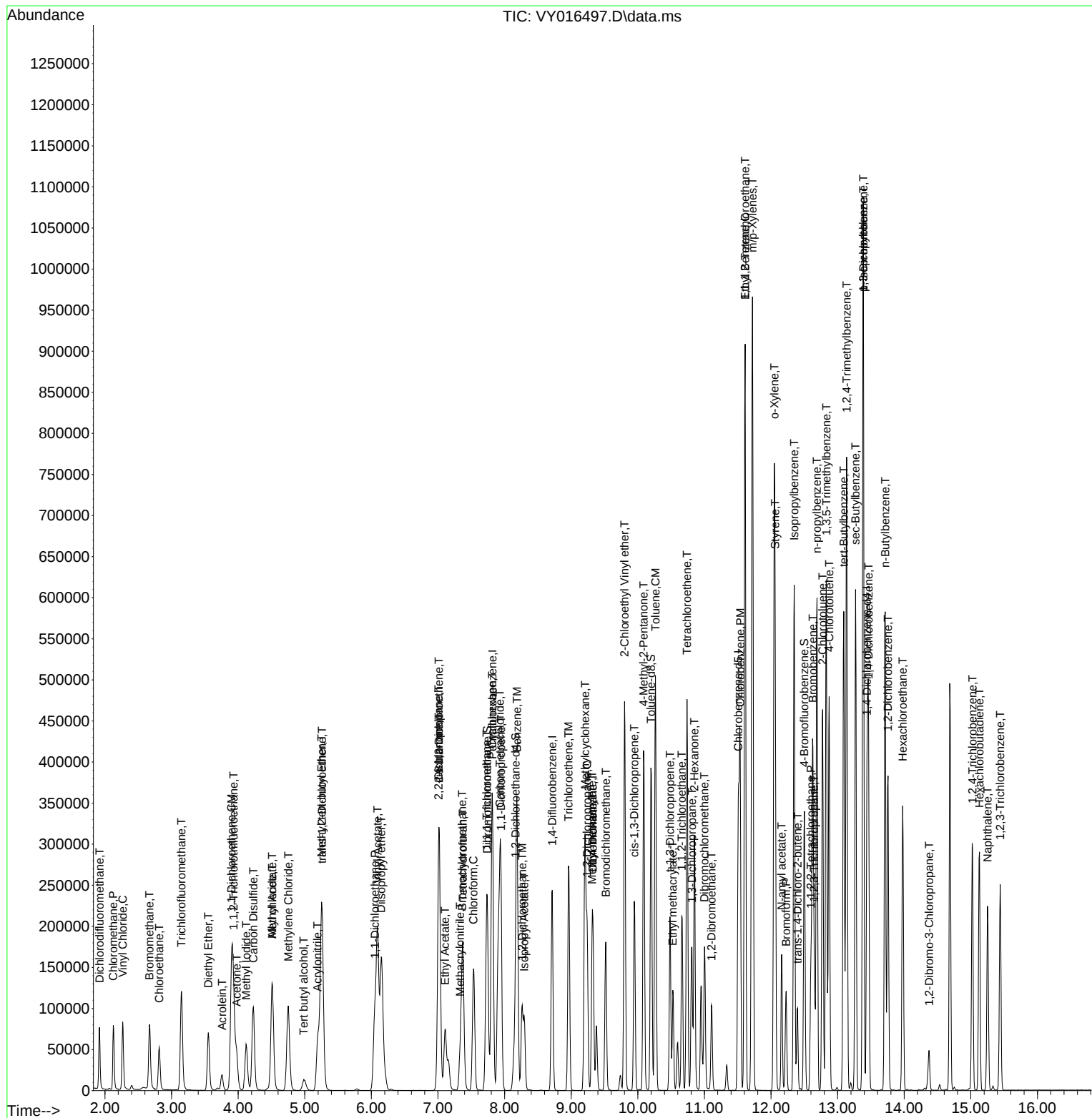
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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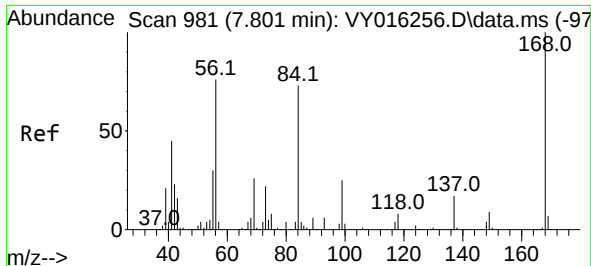
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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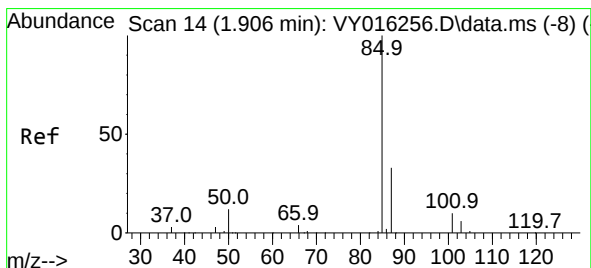
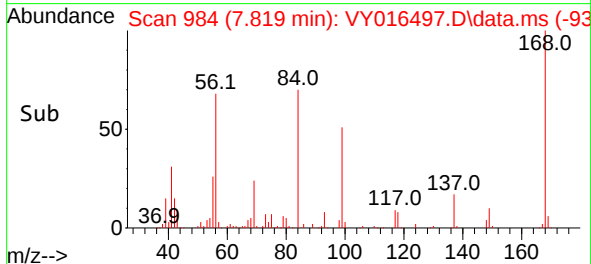
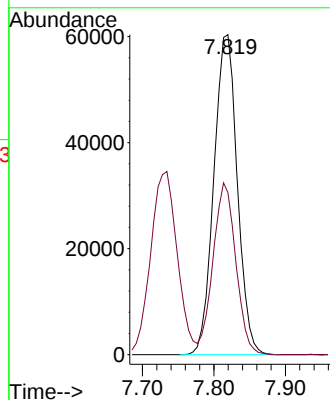
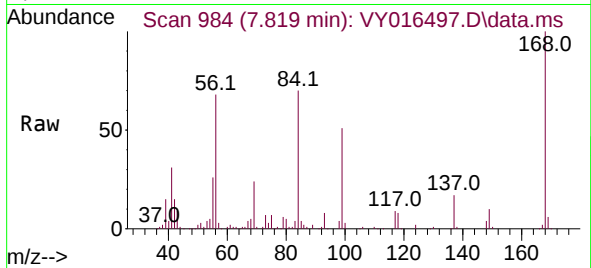




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016497.D
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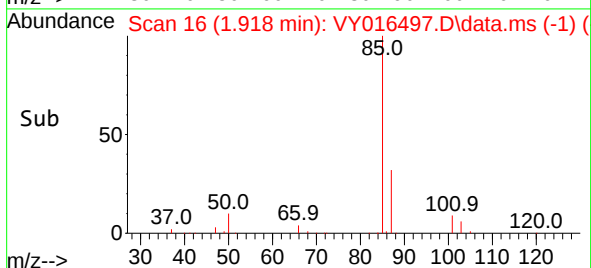
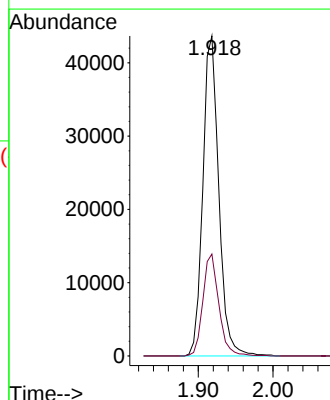
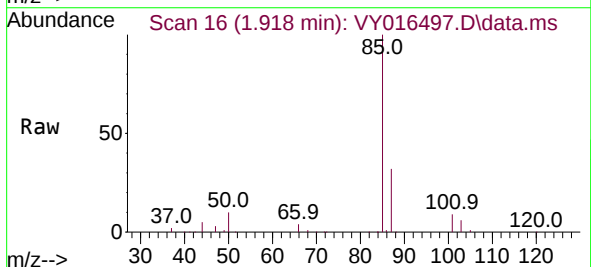
Instrument :
MSVOA_Y
ClientSampleId :

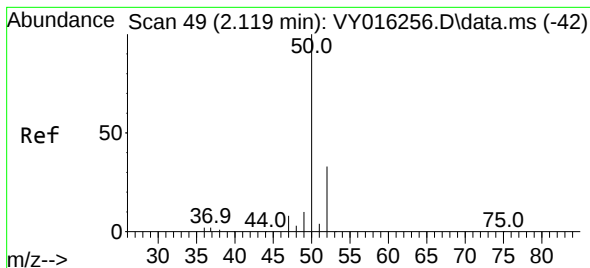
Tgt Ion:168 Resp: 137395
Ion Ratio Lower Upper
168 100
99 50.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.016 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 85 Resp: 64597
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8





#3

Chloromethane

Concen: 46.051 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

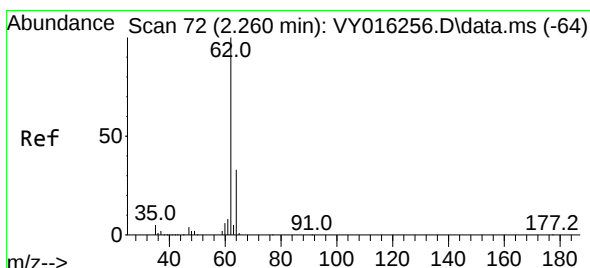
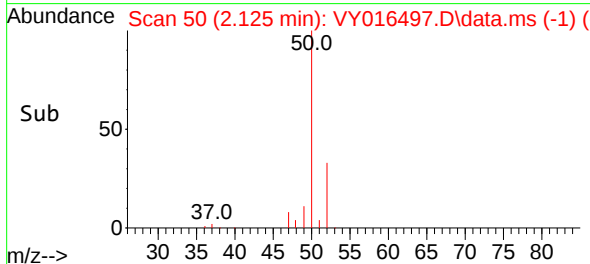
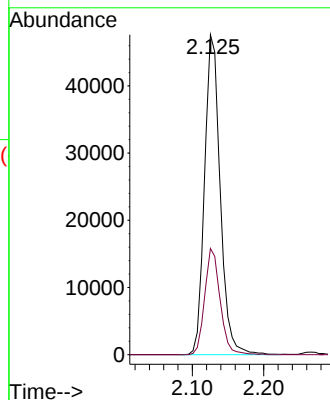
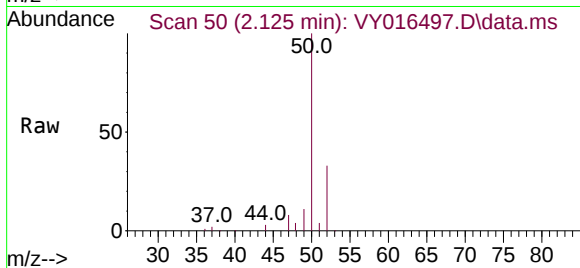
ClientSampleId :

Tgt Ion: 50 Resp: 72557

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 48.830 ug/l

RT: 2.266 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016497.D

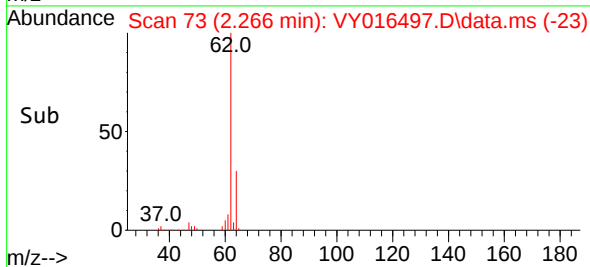
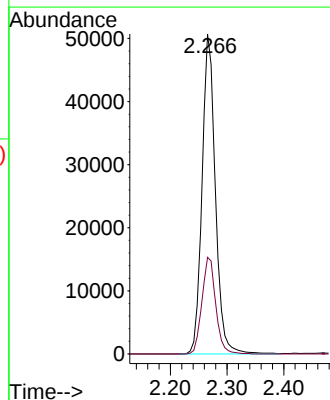
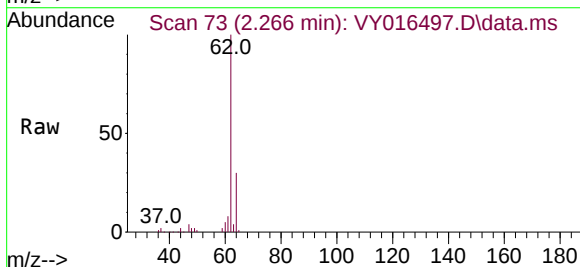
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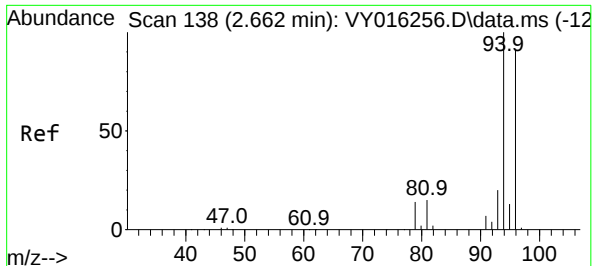
Tgt Ion: 62 Resp: 82730

Ion Ratio Lower Upper

62 100

64 30.2 24.3 36.5

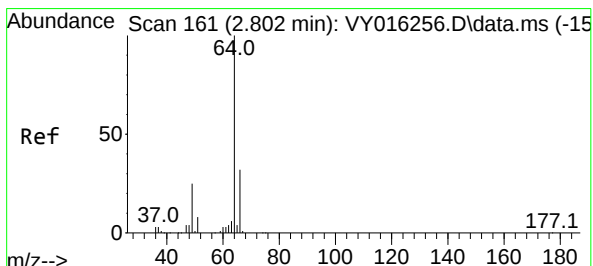
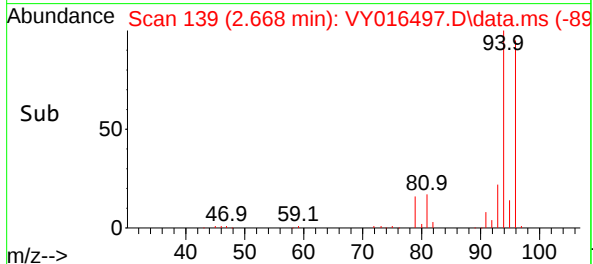
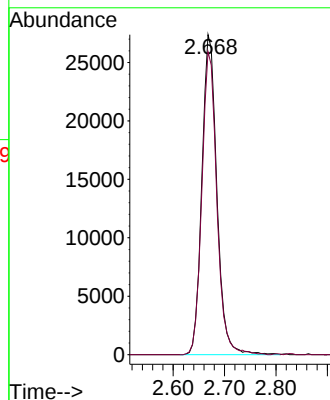
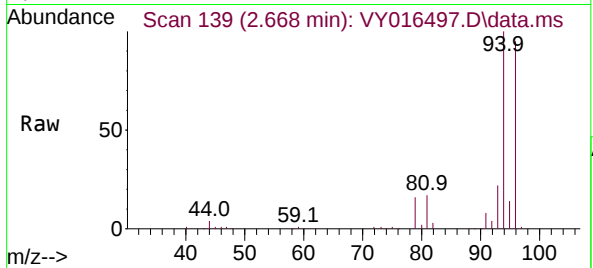




#5
Bromomethane
Concen: 49.871 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

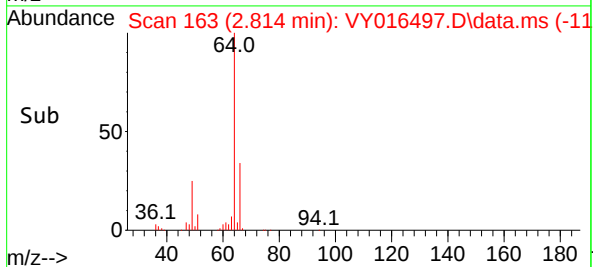
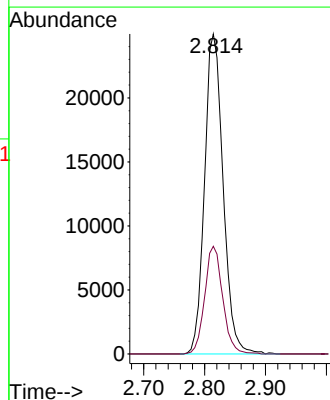
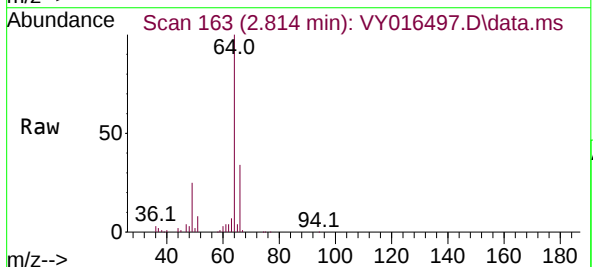
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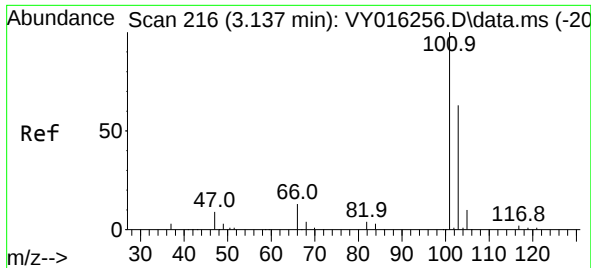
Tgt Ion: 94 Resp: 55528
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 48.957 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 64 Resp: 52926
Ion Ratio Lower Upper
64 100
66 33.7 24.4 36.6

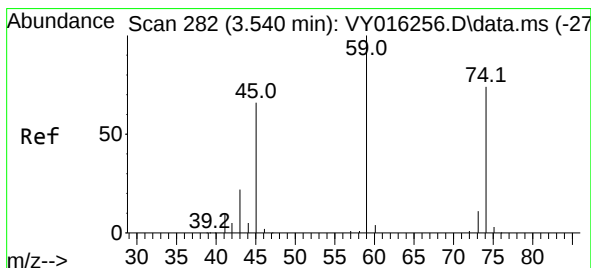
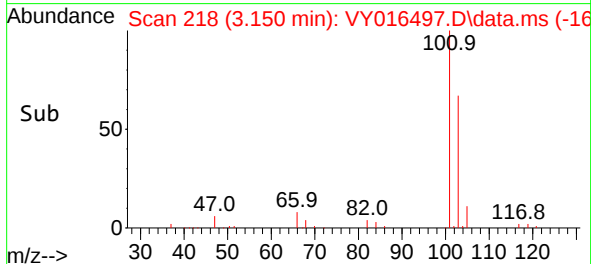
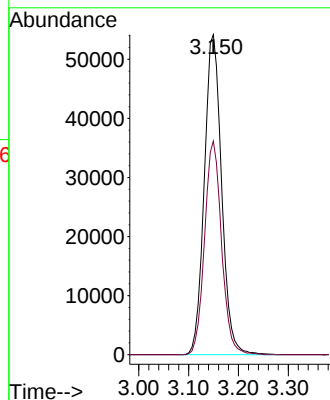
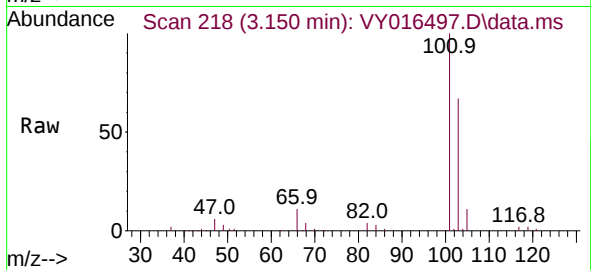




#7
Trichlorofluoromethane
Concen: 52.985 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

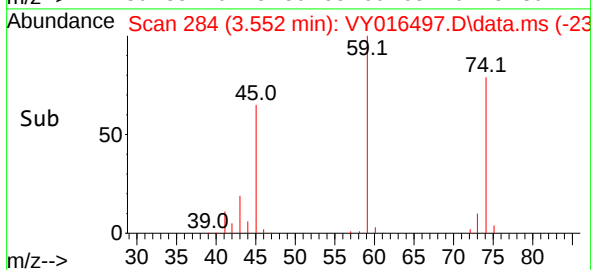
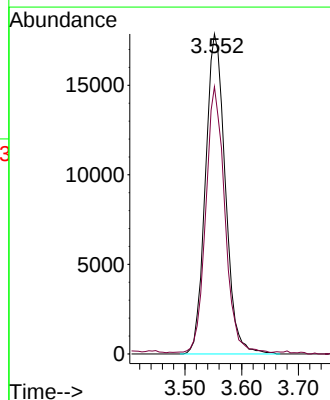
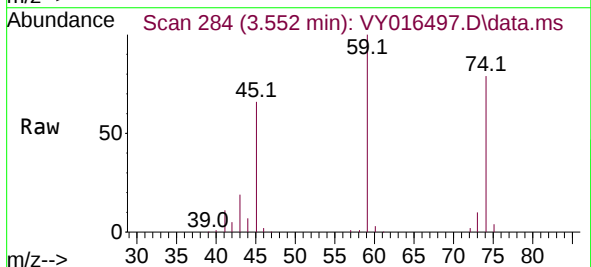
Instrument :
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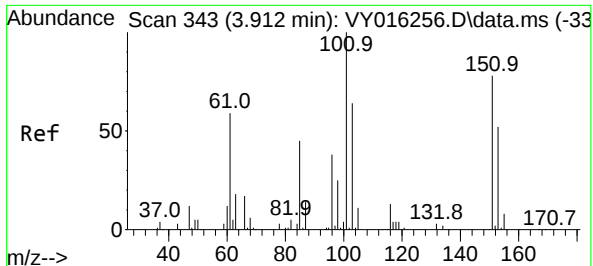
Tgt Ion:101 Resp: 130603
Ion Ratio Lower Upper
101 100
103 66.8 51.4 77.0



#8
Diethyl Ether
Concen: 58.966 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 74 Resp: 43440
Ion Ratio Lower Upper
74 100
45 79.4 51.5 154.5

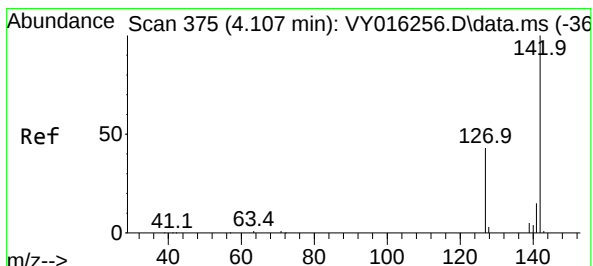
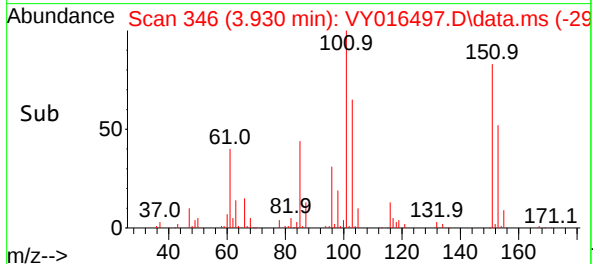
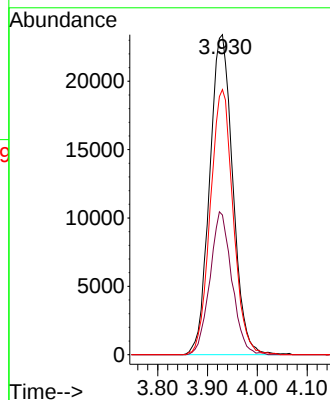
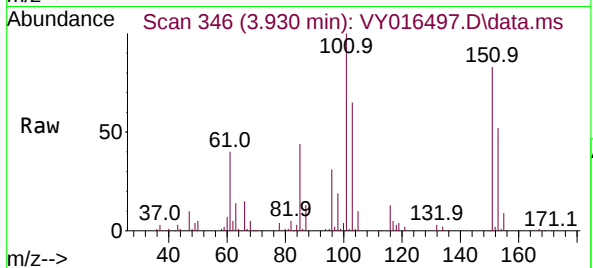




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.887 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.018 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

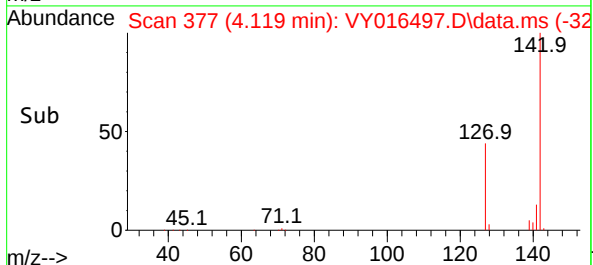
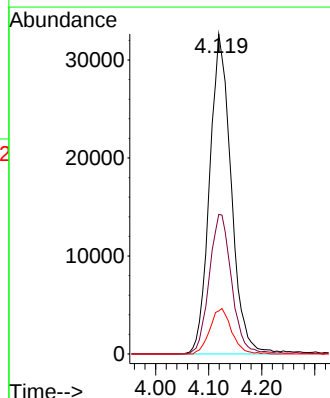
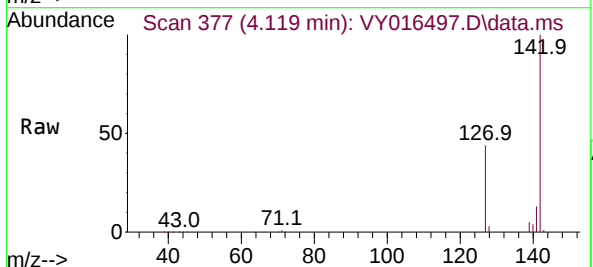
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 75547
Ion Ratio Lower Upper
101 100
85 42.3 36.6 55.0
151 81.7 67.0 100.6



#10
Methyl Iodide
Concen: 57.484 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion:142 Resp: 92171
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8

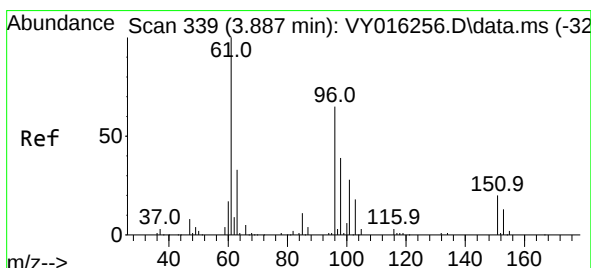
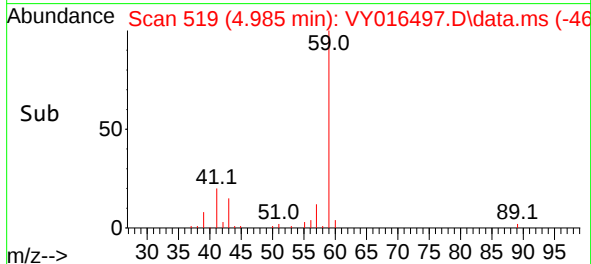
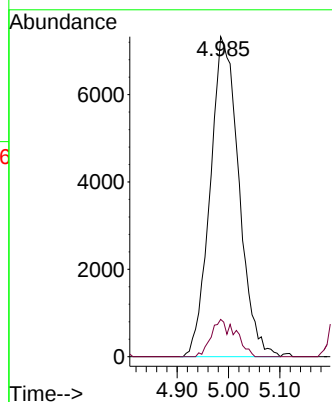
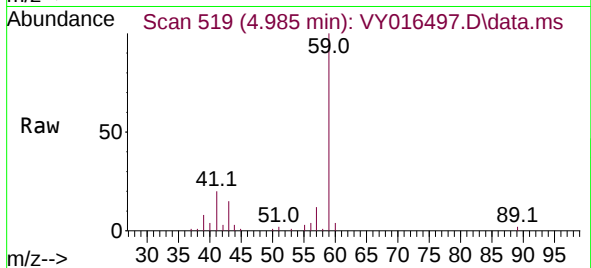




#11
Tert butyl alcohol
Concen: 288.995 ug/l
RT: 4.985 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

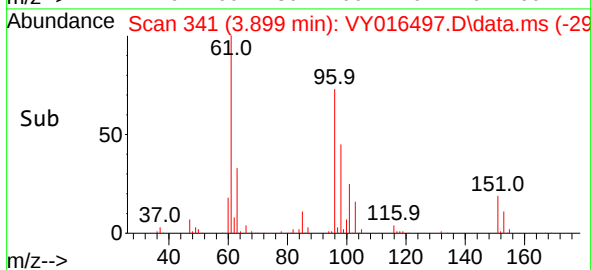
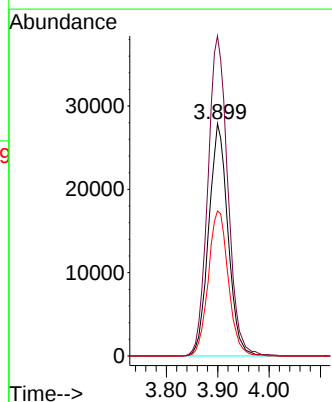
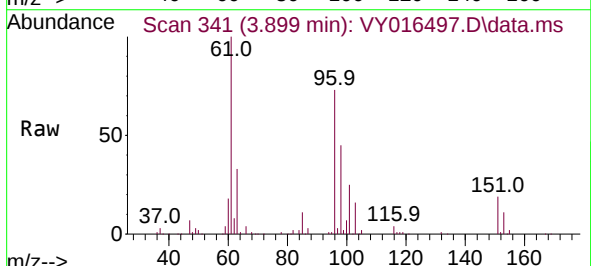
Instrument :
MSVOA_Y
ClientSampleId :

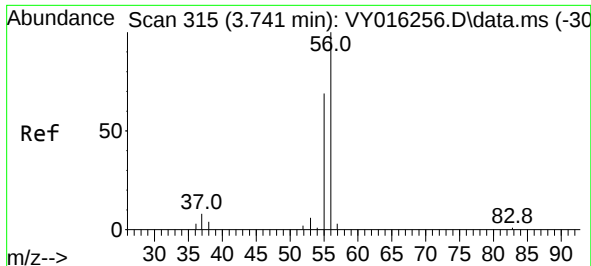
Tgt Ion: 59 Resp: 28418
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 52.329 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 96 Resp: 72655
Ion Ratio Lower Upper
96 100
61 137.7 136.4 204.6
98 62.4 49.4 74.2





#13

Acrolein

Concen: 203.746 ug/l

RT: 3.759 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

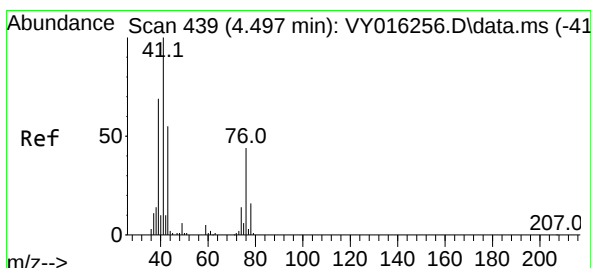
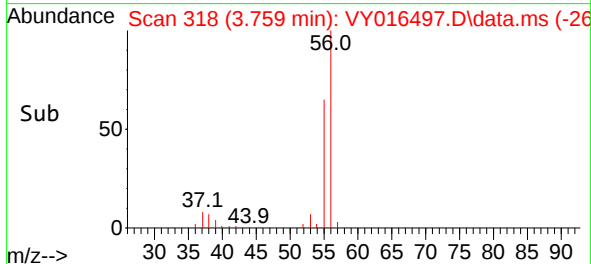
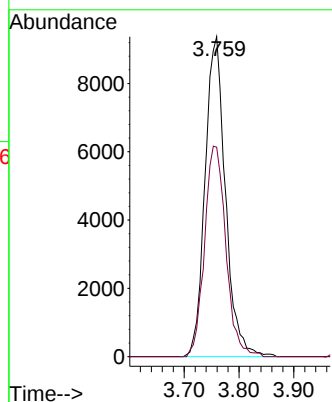
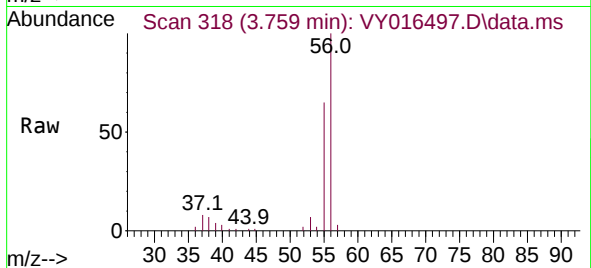
ClientSampleId :

Tgt Ion: 56 Resp: 24166

Ion Ratio Lower Upper

56 100

55 68.8 57.0 85.4



#14

Allyl chloride

Concen: 47.105 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

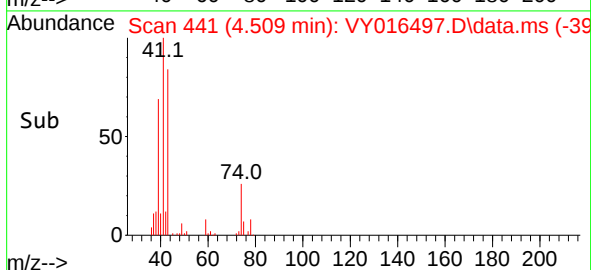
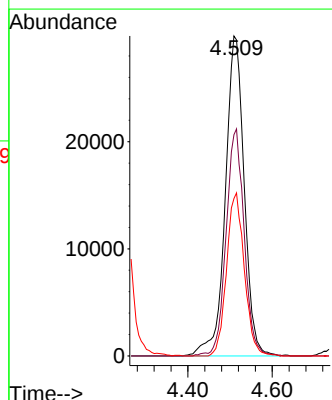
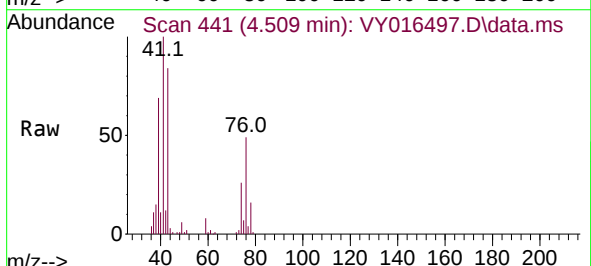
Tgt Ion: 41 Resp: 92809

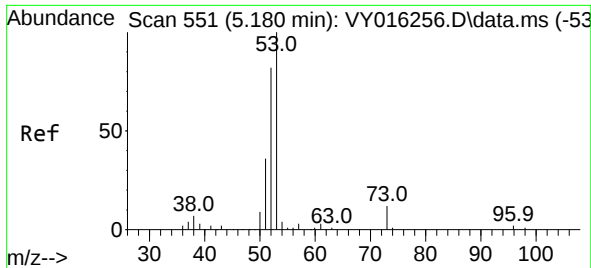
Ion Ratio Lower Upper

41 100

39 67.8 58.0 87.0

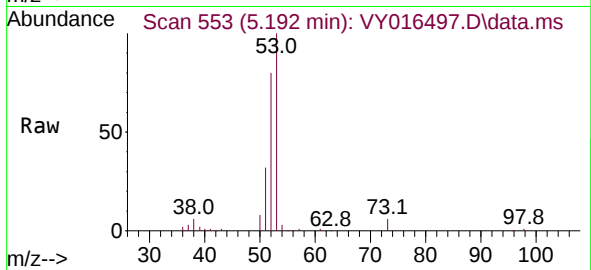
76 47.9 27.4 41.2#



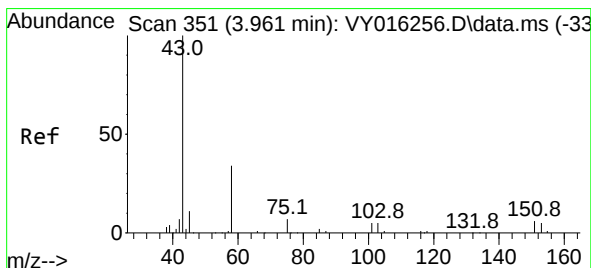
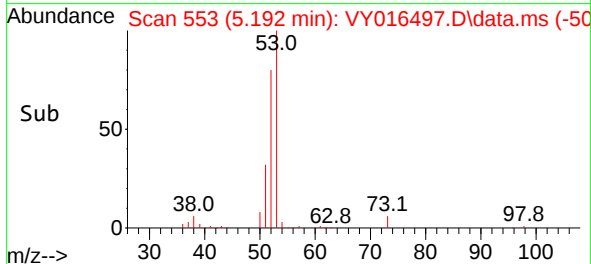
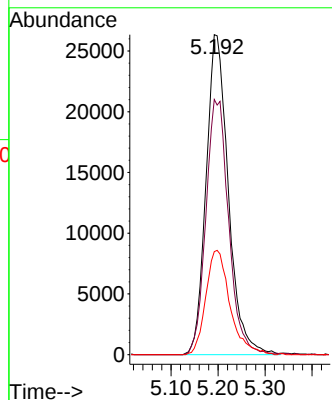


#15
Acrylonitrile
Concen: 296.927 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Instrument :
MSVOA_Y
ClientSampleId :

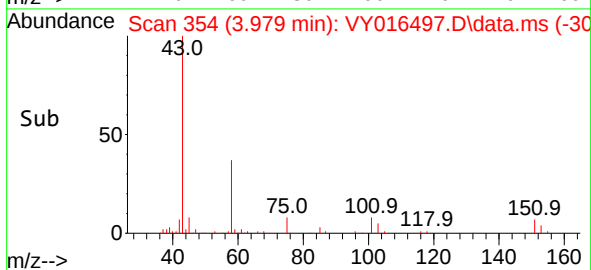
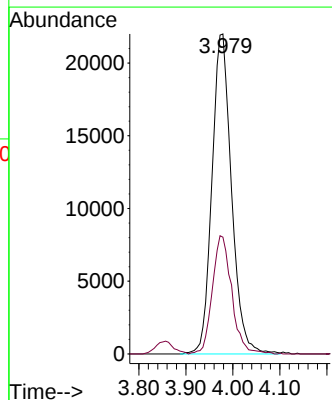
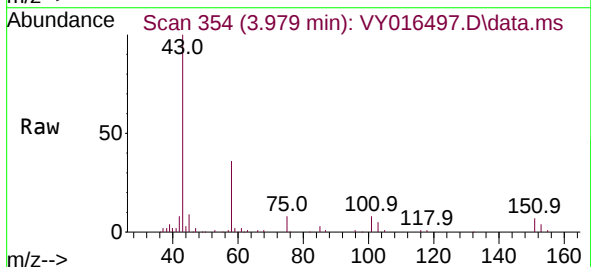


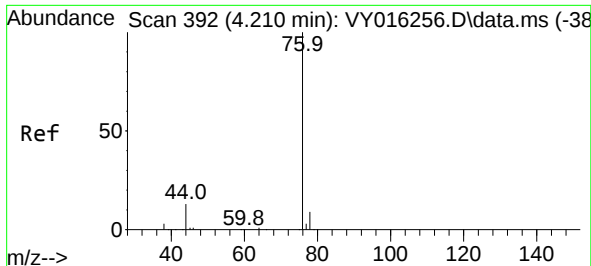
Tgt Ion: 53	Resp: 86809
Ion Ratio	Lower Upper
53 100	
52 81.5	66.9 100.3
51 35.4	29.8 44.6



#16
Acetone
Concen: 305.896 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 43	Resp: 63539
Ion Ratio	Lower Upper
43 100	
58 36.3	22.7 34.1#

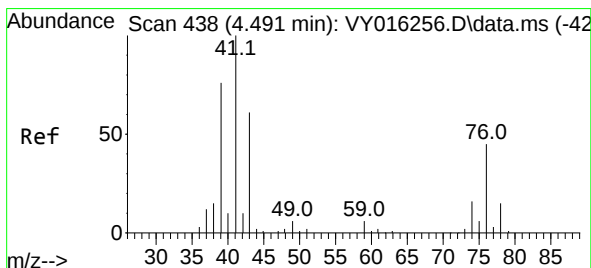
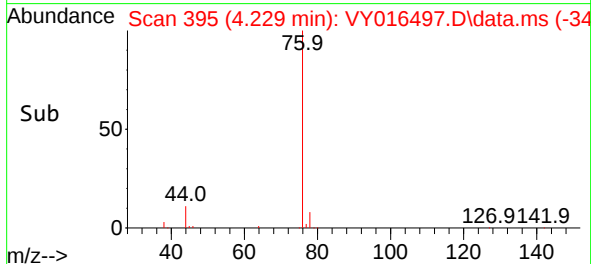
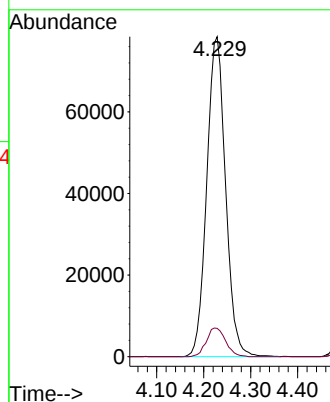
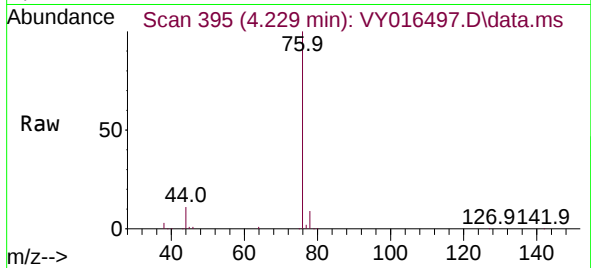




#17
Carbon Disulfide
Concen: 51.915 ug/l
RT: 4.229 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

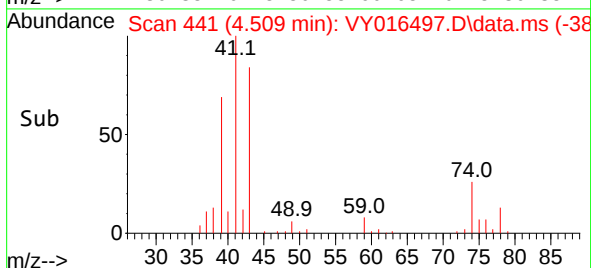
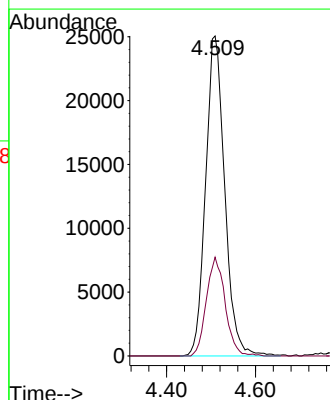
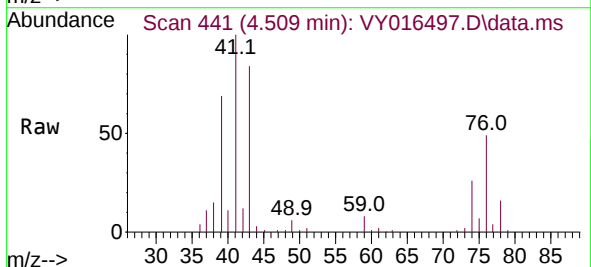
Instrument :
MSVOA_Y
ClientSampleId :

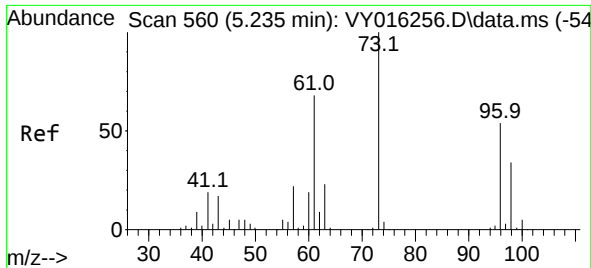
Tgt Ion: 76 Resp: 217481
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 67.887 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 43 Resp: 74929
Ion Ratio Lower Upper
43 100
74 30.4 17.4 26.0#

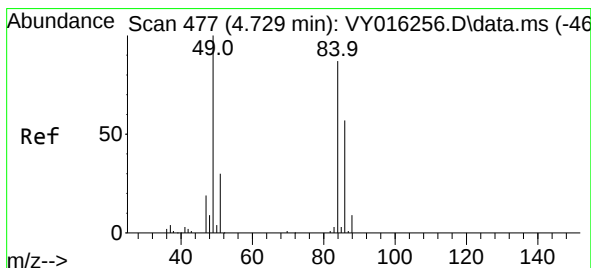
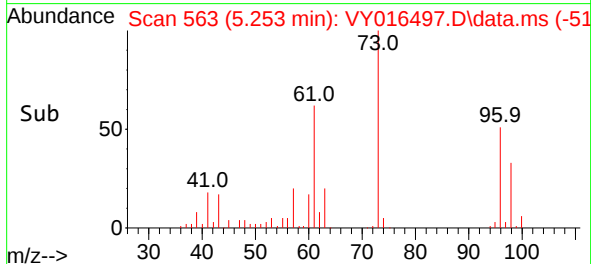
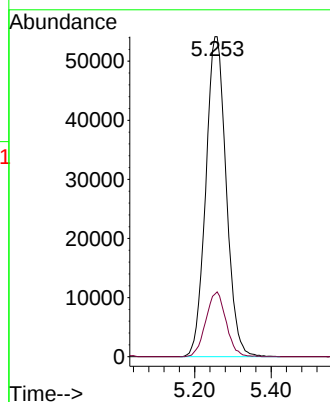
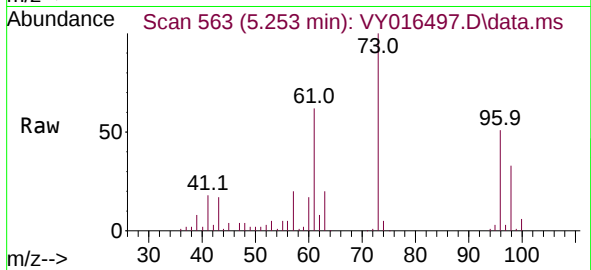




#19
Methyl tert-butyl Ether
Concen: 59.657 ug/l
RT: 5.253 min Scan# 501
Delta R.T. 0.018 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

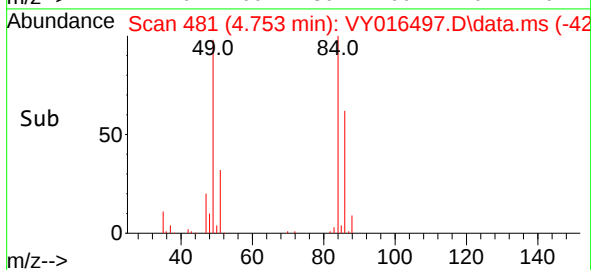
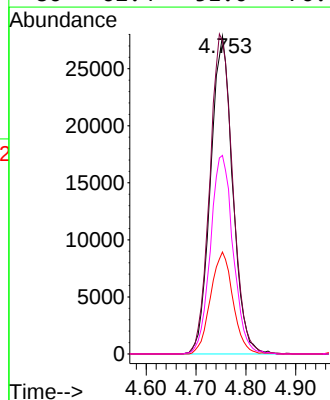
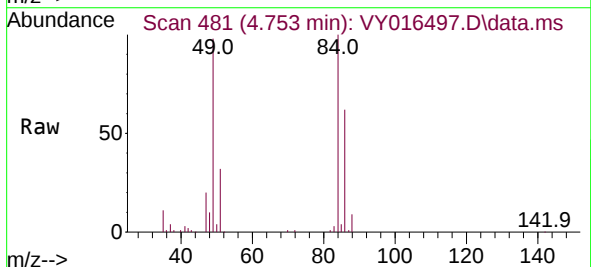
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 200472
Ion Ratio Lower Upper
73 100
57 19.6 17.3 25.9



#20
Methylene Chloride
Concen: 59.097 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.024 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 84 Resp: 85788
Ion Ratio Lower Upper
84 100
49 98.4 106.9 160.3#
51 32.0 33.2 49.8#
86 62.4 51.0 76.6

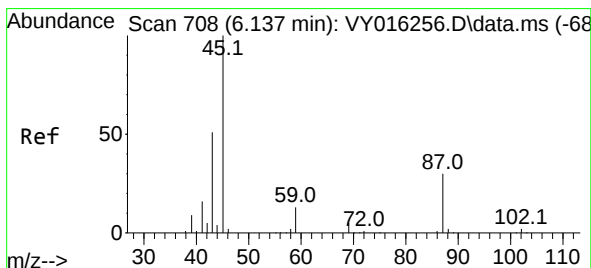
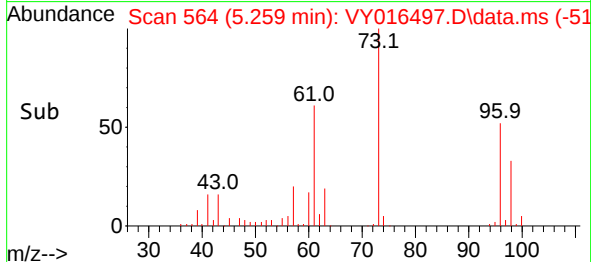
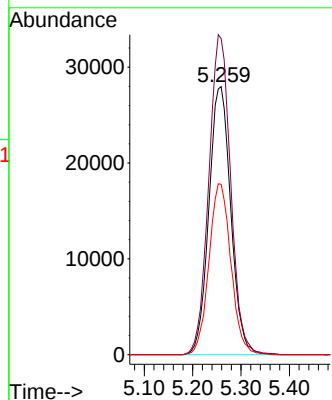
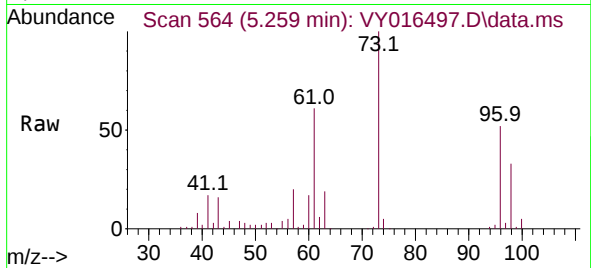




#21
trans-1,2-Dichloroethene
Concen: 55.059 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

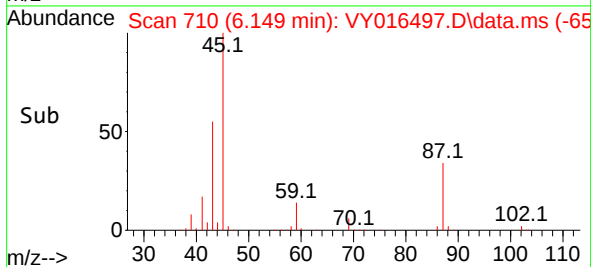
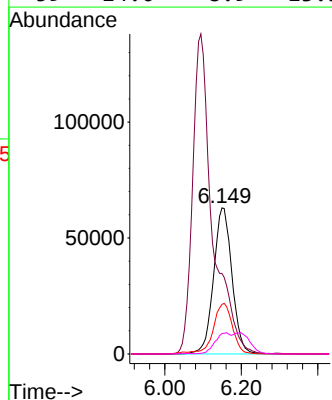
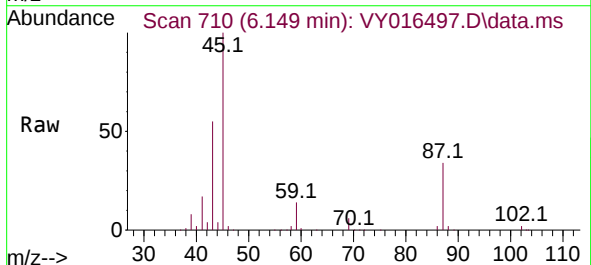
Instrument :
MSVOA_Y
ClientSampleId :

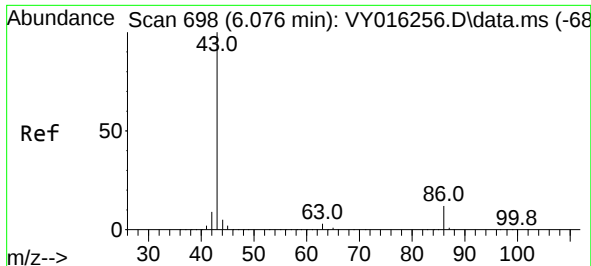
Tgt Ion: 96 Resp: 88017
Ion Ratio Lower Upper
96 100
61 117.9 110.2 165.4
98 63.6 51.8 77.6



#22
Diisopropyl ether
Concen: 49.617 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 45 Resp: 210682
Ion Ratio Lower Upper
45 100
43 54.7 52.2 78.4
87 33.9 21.0 31.6#
59 14.0 8.9 13.3#

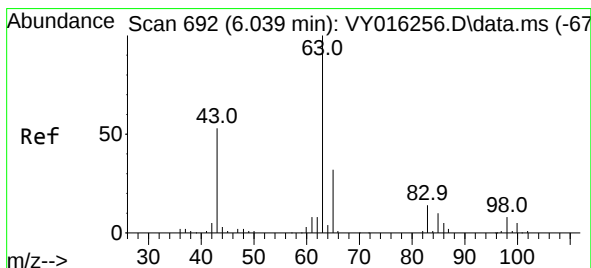
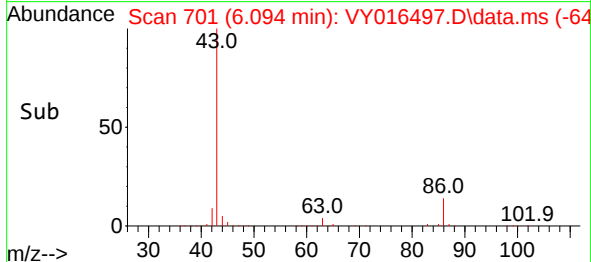
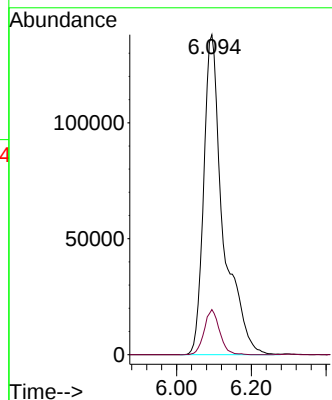
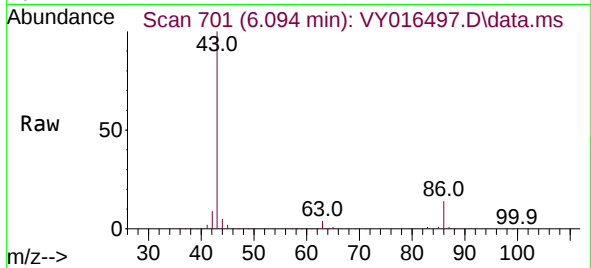




#23
 Vinyl Acetate
 Concen: 242.036 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016497.D
 Acq: 24 Nov 2023 20:09

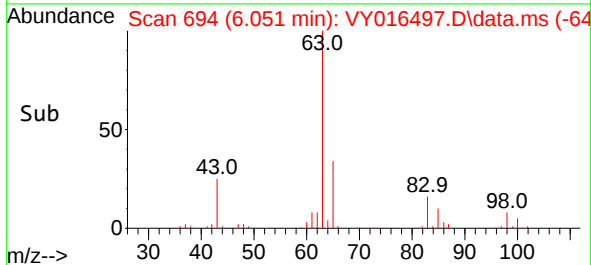
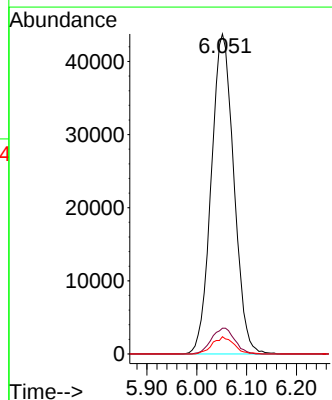
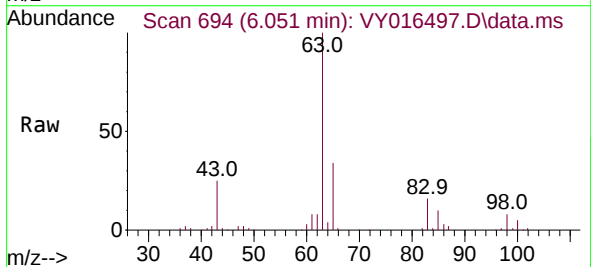
Instrument :
 MSVOA_Y
 ClientSampleId :

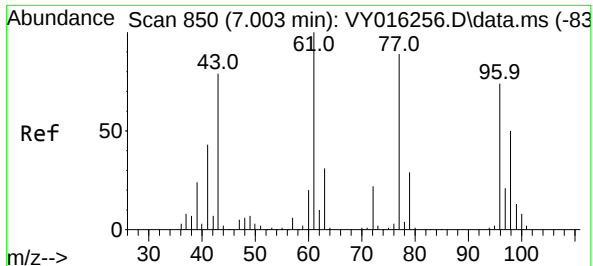
Tgt Ion: 43 Resp: 497979
 Ion Ratio Lower Upper
 43 100
 86 14.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.554 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY016497.D
 Acq: 24 Nov 2023 20:09

Tgt Ion: 63 Resp: 137667
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 5.4 1.8 5.5





#25

2-Butanone

Concen: 283.141 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

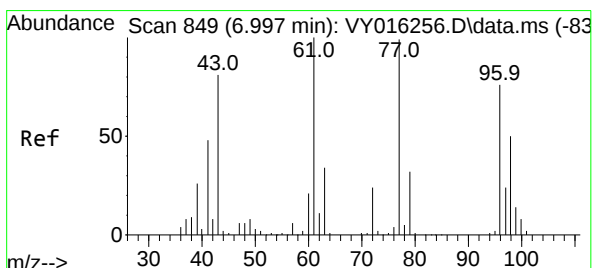
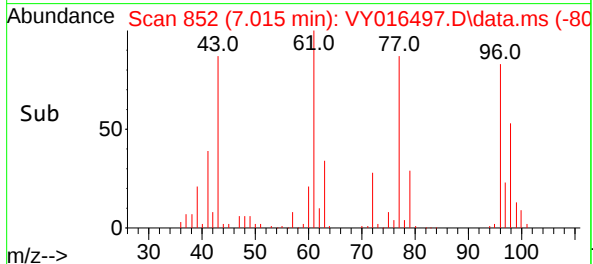
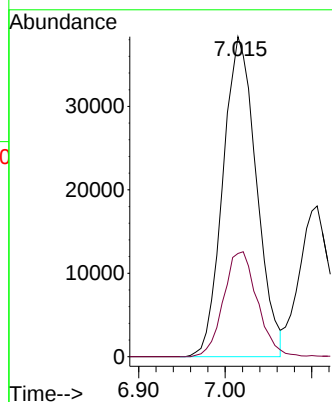
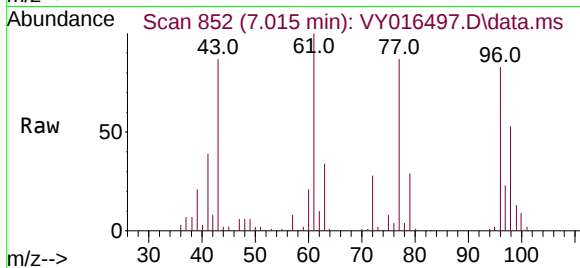
ClientSampleId :

Tgt Ion: 43 Resp: 103013

Ion Ratio Lower Upper

43 100

72 32.3 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 48.758 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016497.D

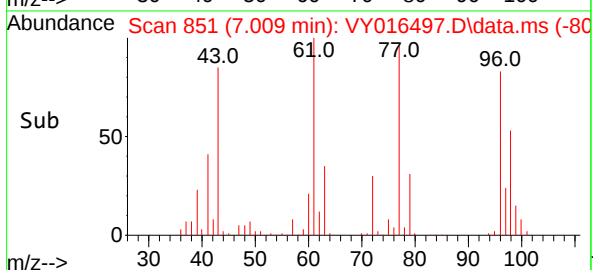
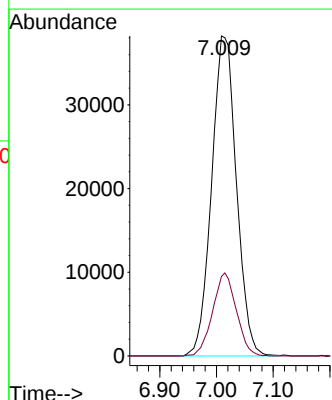
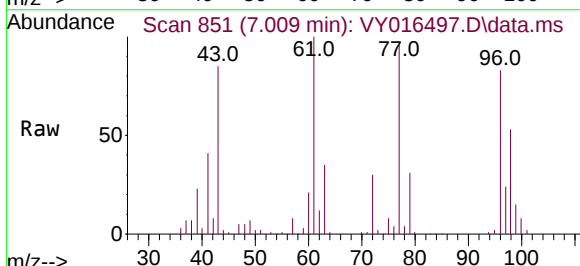
Acq: 24 Nov 2023 20:09

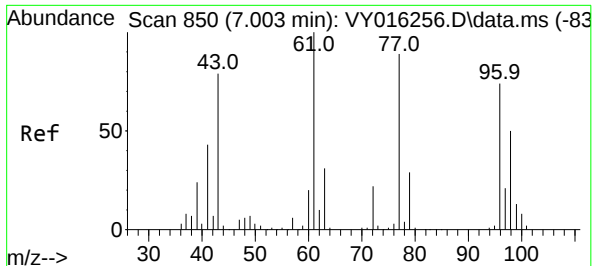
Tgt Ion: 77 Resp: 116245

Ion Ratio Lower Upper

77 100

97 24.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 56.946 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

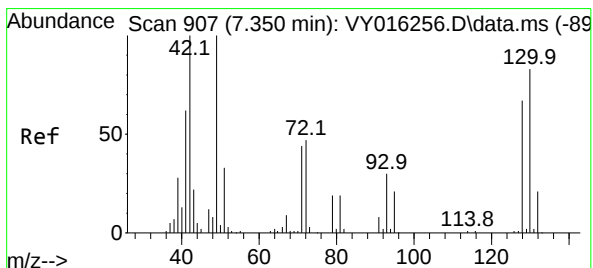
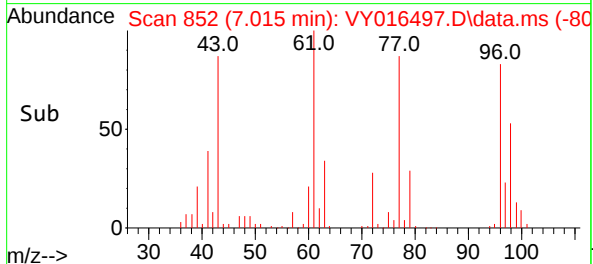
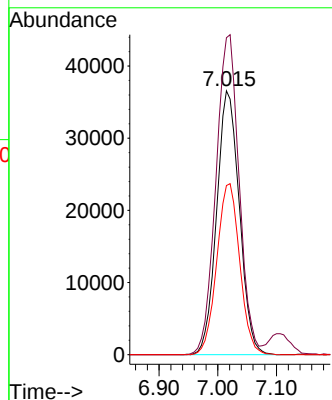
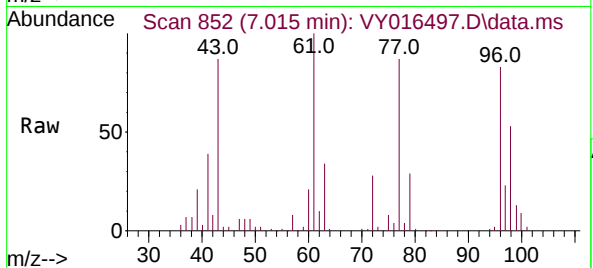
Tgt Ion: 96 Resp: 98107

Ion Ratio Lower Upper

96 100

61 124.3 0.0 301.4

98 65.4 0.0 130.4



#28

Bromochloromethane

Concen: 51.903 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

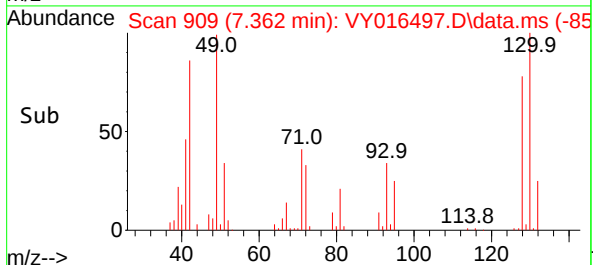
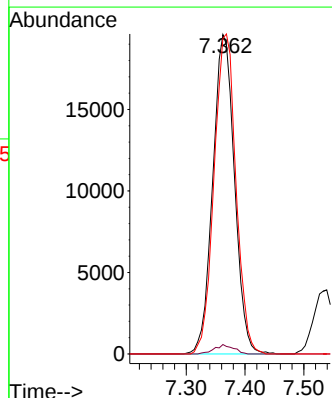
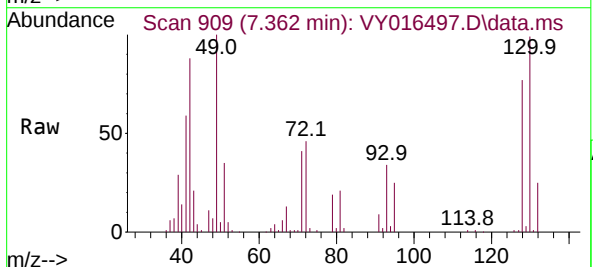
Tgt Ion: 49 Resp: 50320

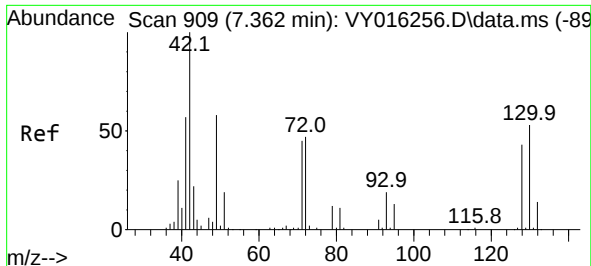
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 100.7 60.7 91.1#





#29

Tetrahydrofuran

Concen: 287.261 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

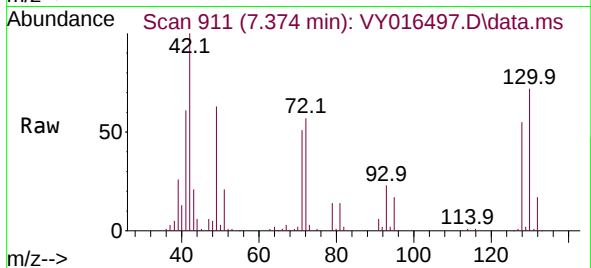
Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :



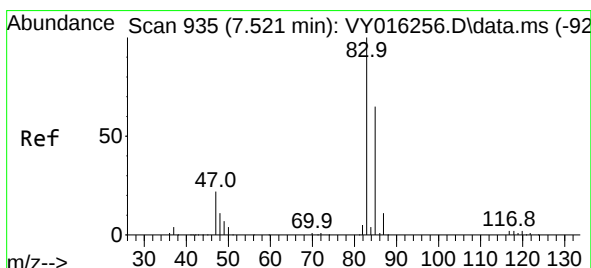
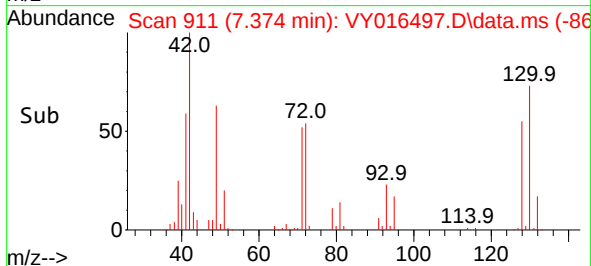
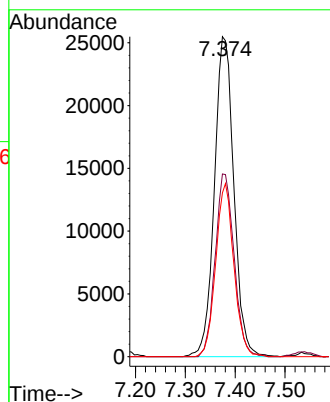
Tgt Ion: 42 Resp: 69079

Ion Ratio Lower Upper

42 100

72 55.5 32.8 49.2#

71 50.7 31.0 46.4#



#30

Chloroform

Concen: 56.552 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016497.D

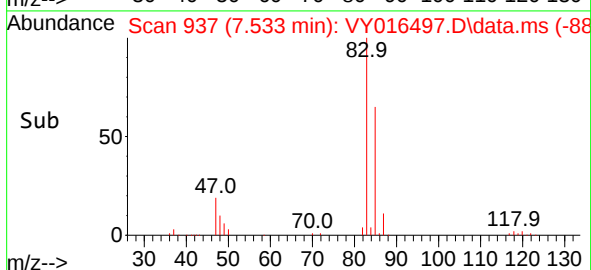
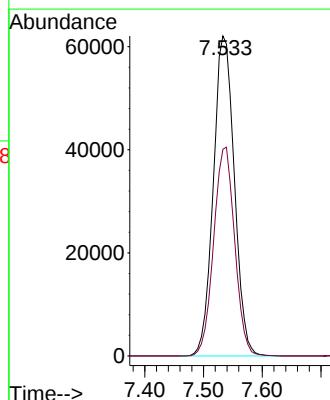
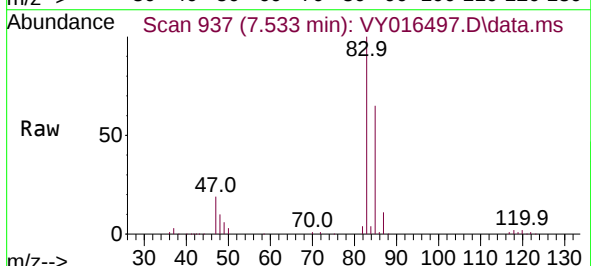
Acq: 24 Nov 2023 20:09

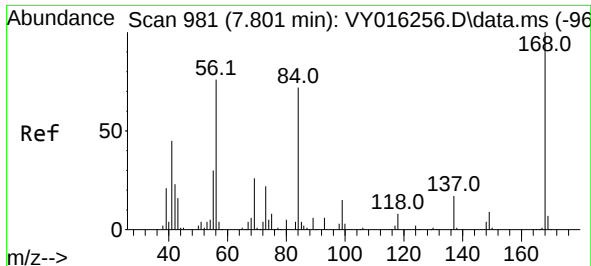
Tgt Ion: 83 Resp: 154197

Ion Ratio Lower Upper

83 100

85 64.6 49.7 74.5

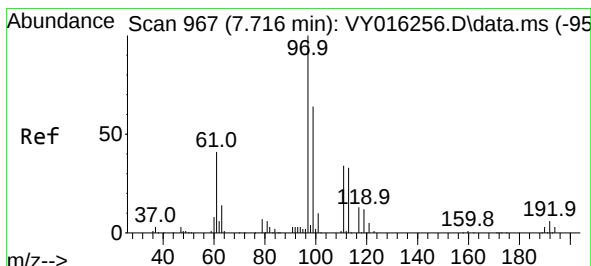
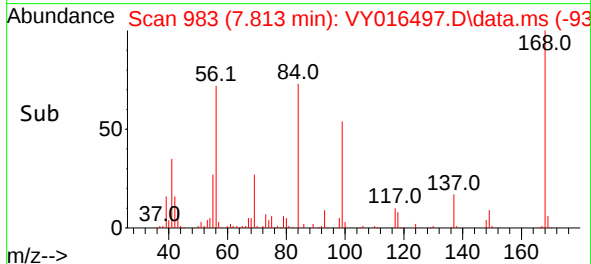
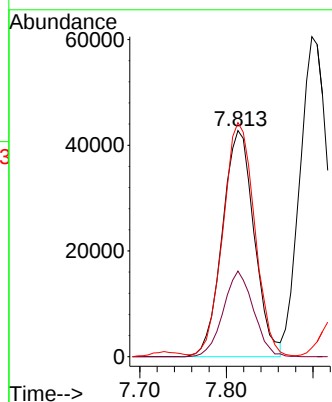
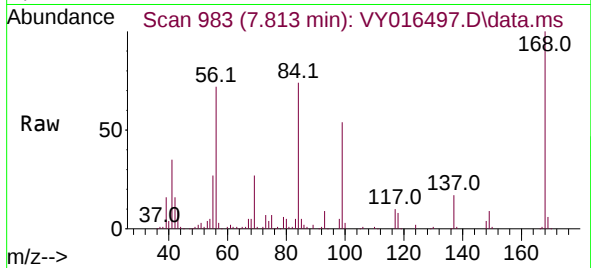




#31
Cyclohexane
Concen: 44.269 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

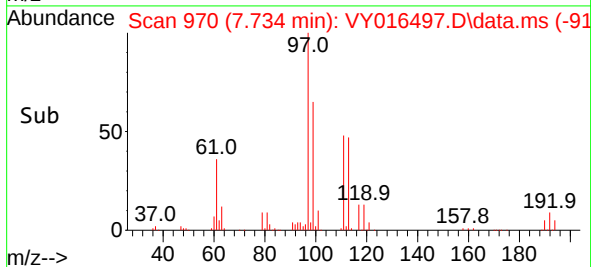
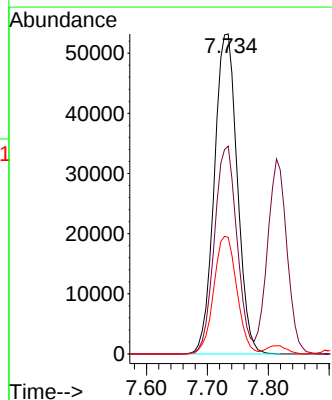
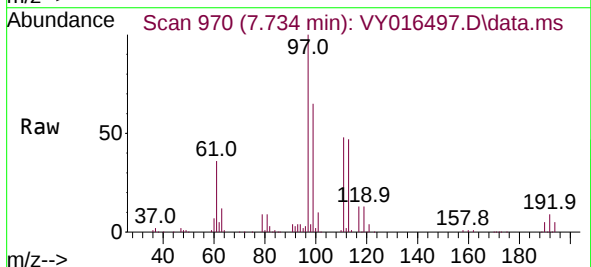
Instrument :
MSVOA_Y
ClientSampleId :

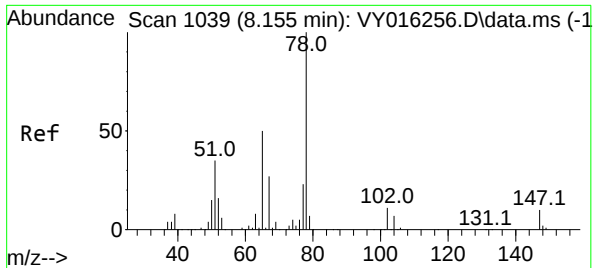
Tgt Ion: 56 Resp: 109447
Ion Ratio Lower Upper
56 100
69 37.9 27.8 41.6
84 102.1 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 55.758 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 97 Resp: 139364
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 36.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 55.184 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

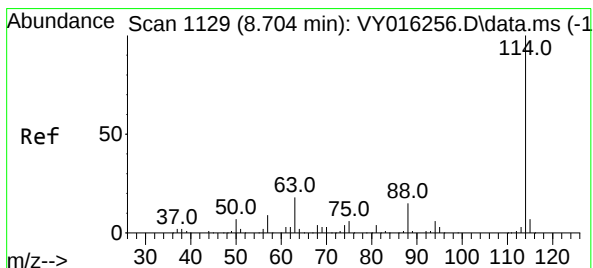
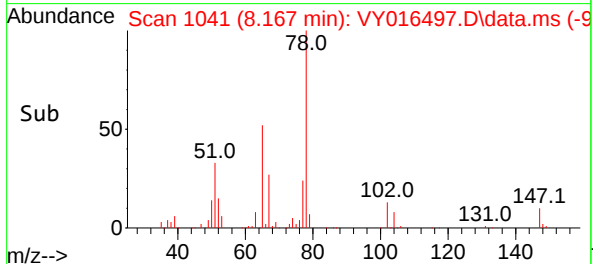
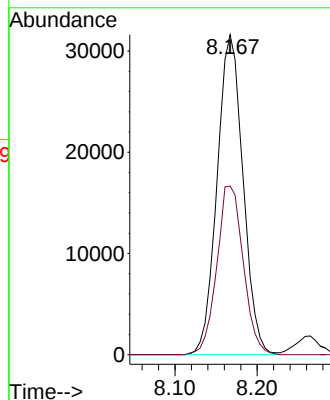
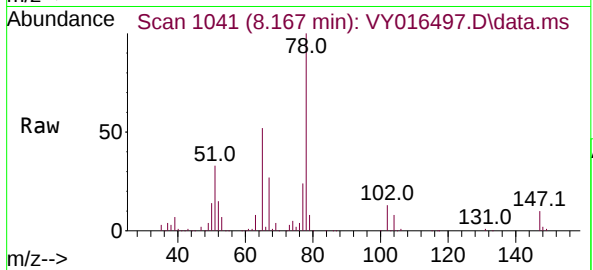
ClientSampleId :

Tgt Ion: 65 Resp: 69296

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

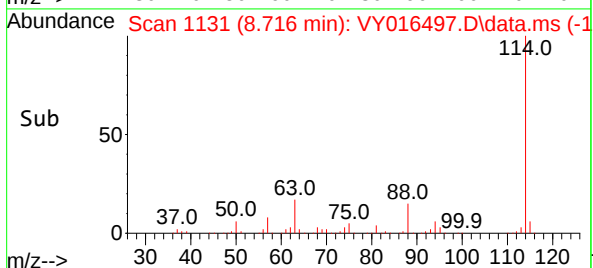
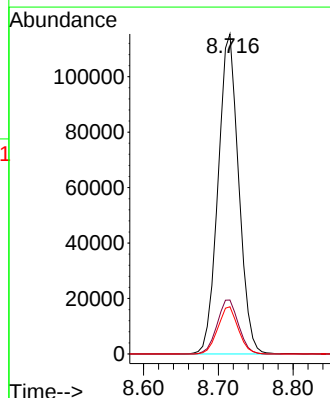
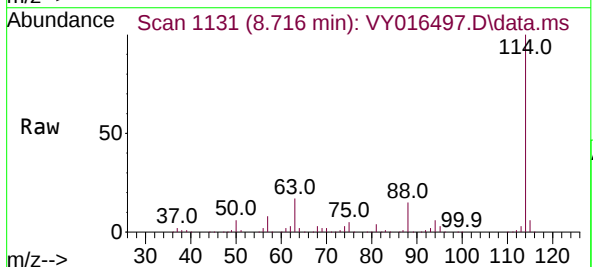
Tgt Ion: 114 Resp: 221092

Ion Ratio Lower Upper

114 100

63 16.9 0.0 42.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 59.265 ug/l

RT: 7.740 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

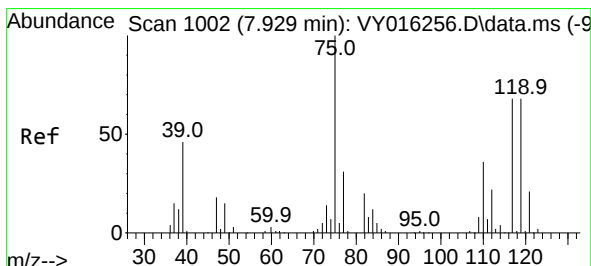
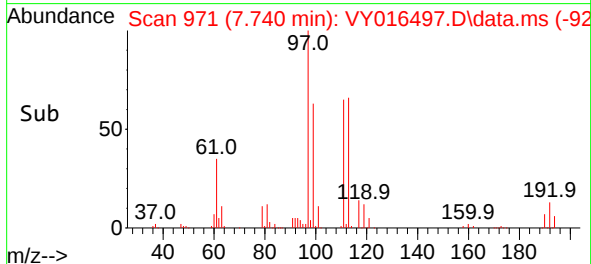
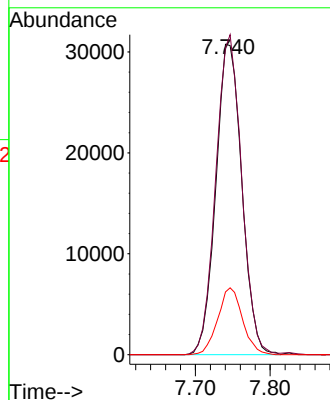
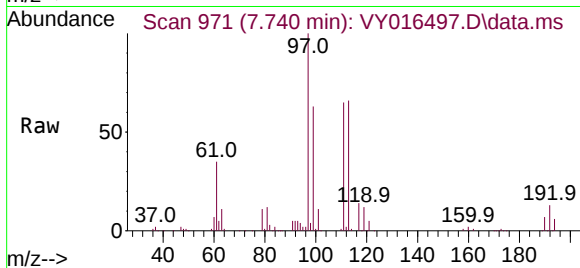
Tgt Ion:113 Resp: 74433

Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 20.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 51.142 ug/l

RT: 7.947 min Scan# 1005

Delta R.T. 0.018 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

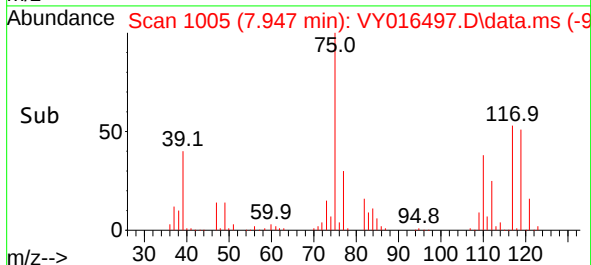
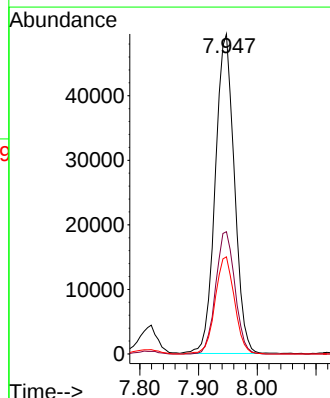
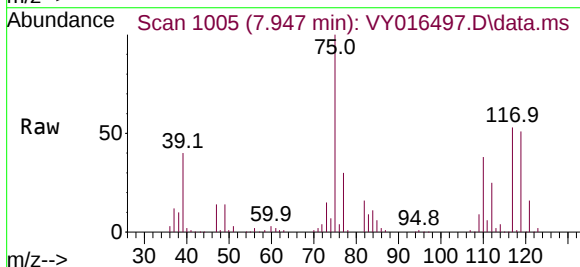
Tgt Ion: 75 Resp: 111531

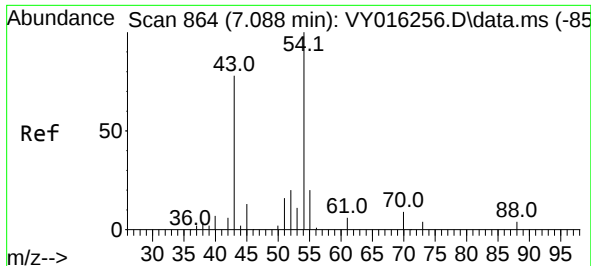
Ion Ratio Lower Upper

75 100

110 38.5 17.8 53.5

77 31.0 24.4 36.6

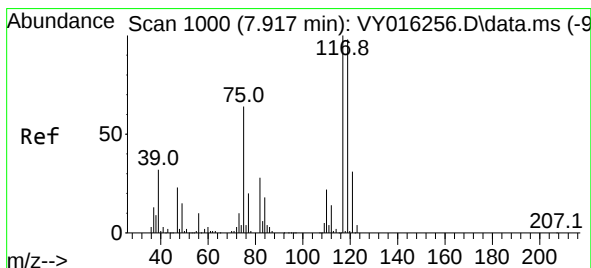
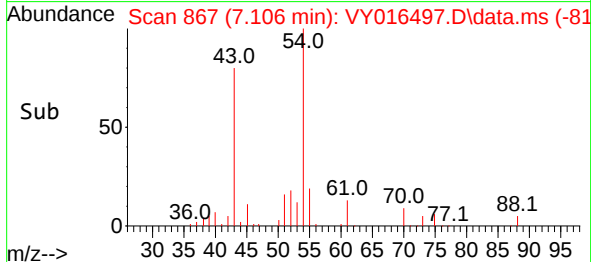
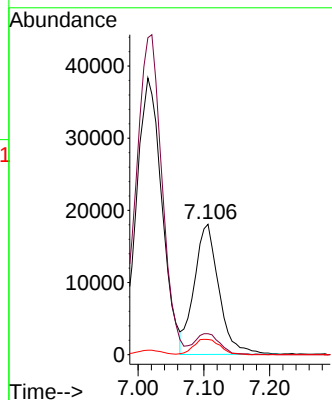
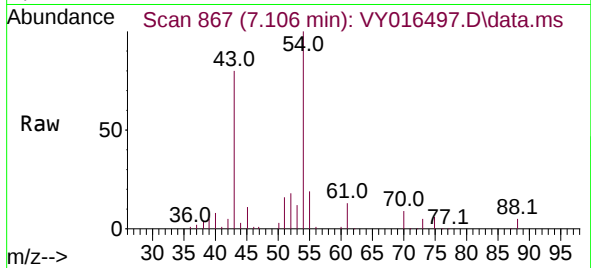




#37
Ethyl Acetate
Concen: 53.242 ug/l
RT: 7.106 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

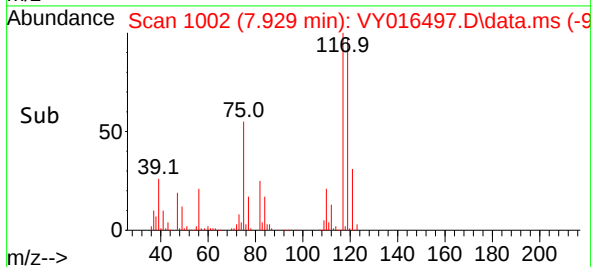
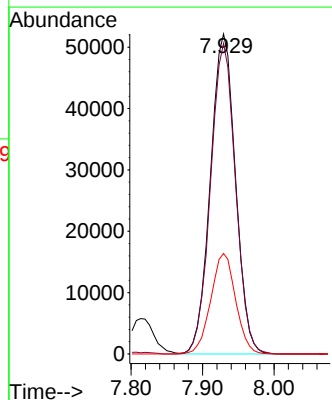
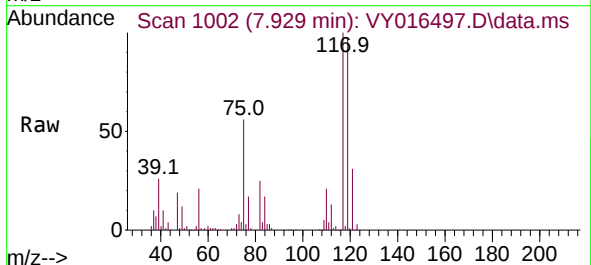
Instrument :
MSVOA_Y
ClientSampleId :

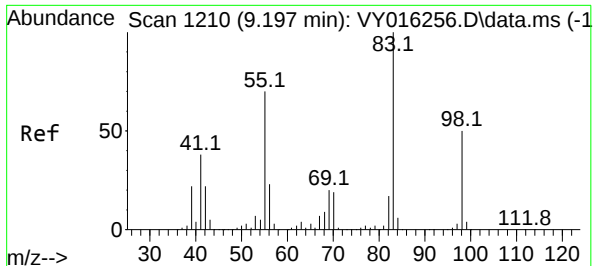
Tgt Ion: 43 Resp: 46915
Ion Ratio Lower Upper
43 100
61 16.2 10.1 15.1#
70 12.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 56.162 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 117 Resp: 127116
Ion Ratio Lower Upper
117 100
119 97.1 76.4 114.6
121 31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 50.877 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

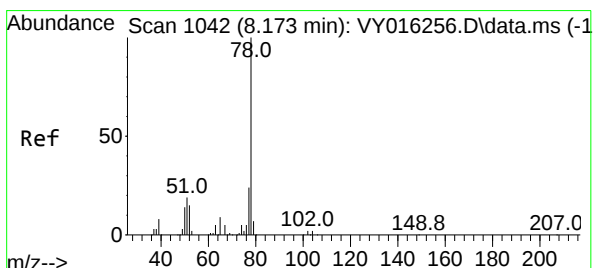
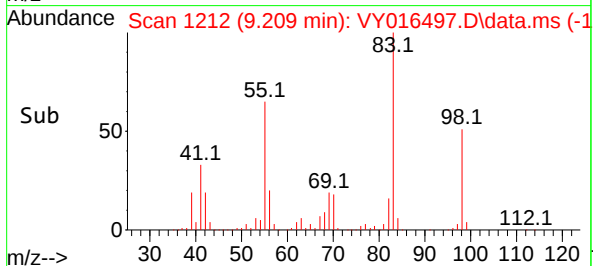
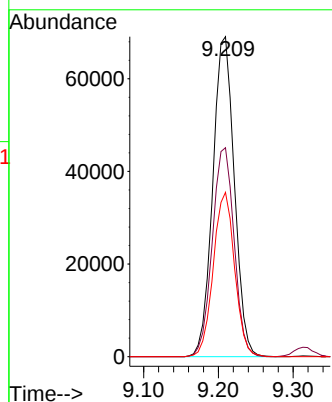
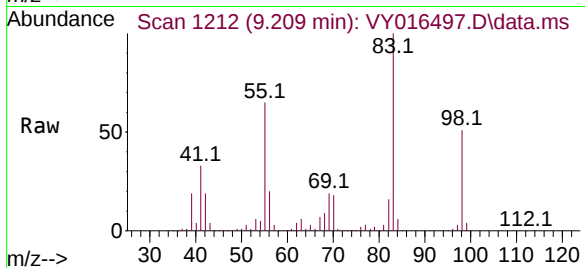
Tgt Ion: 83 Resp: 138256

Ion Ratio Lower Upper

83 100

55 65.3 63.0 94.4

98 51.3 37.4 56.2



#40

Benzene

Concen: 55.032 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016497.D

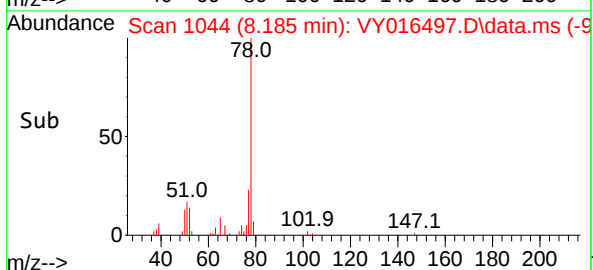
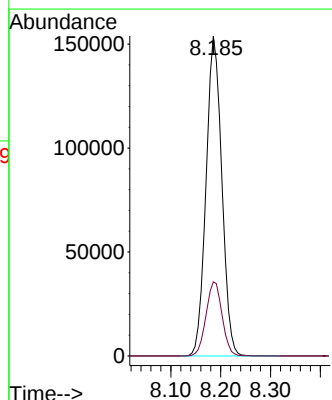
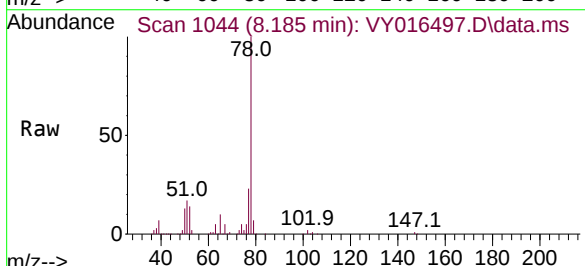
Acq: 24 Nov 2023 20:09

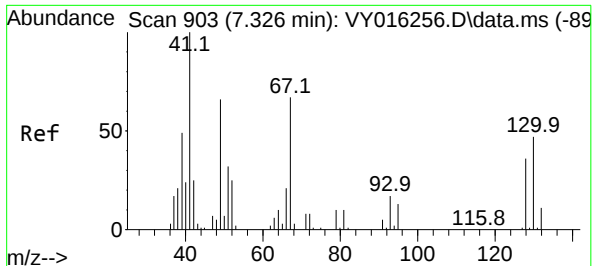
Tgt Ion: 78 Resp: 337189

Ion Ratio Lower Upper

78 100

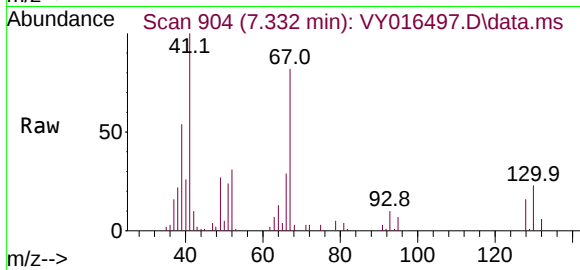
77 23.2 19.0 28.6



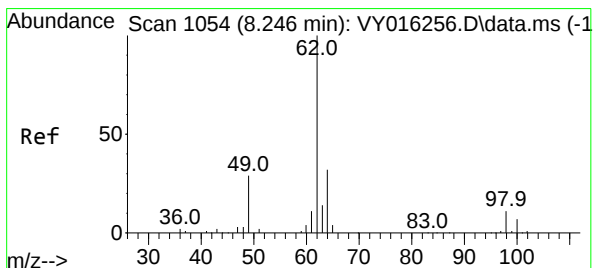
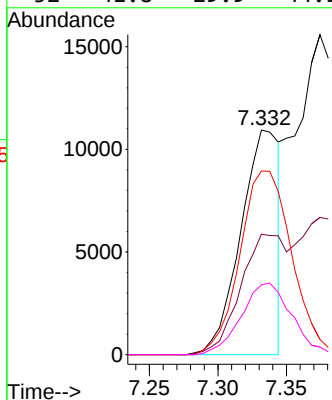
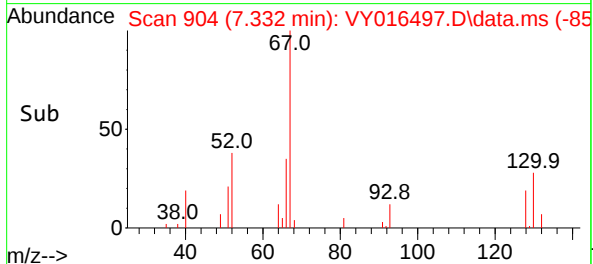


#41
Methacrylonitrile
Concen: 48.250 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Instrument :
MSVOA_Y
ClientSampleId :

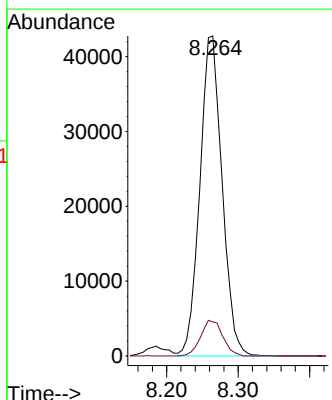
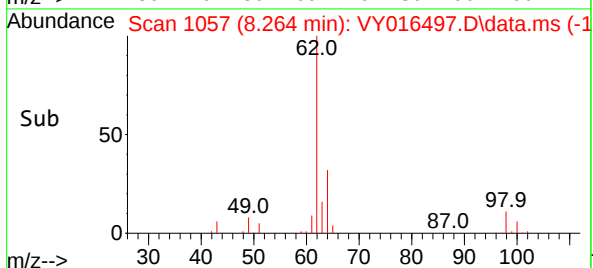
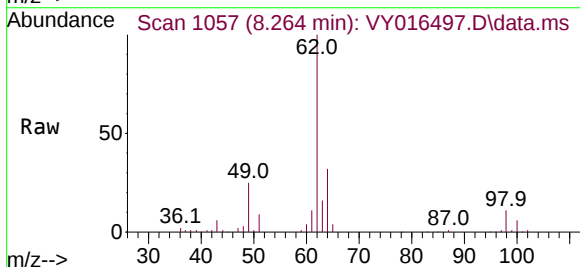


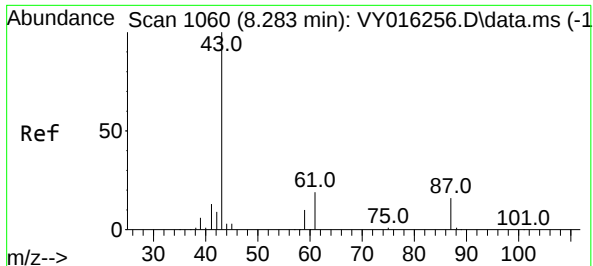
Tgt Ion:	41	Resp:	21437
Ion	Ratio	Lower	Upper
41	100		
39	63.0	52.1	78.1
67	110.1	66.2	99.2#
52	41.8	29.9	44.9



#42
1,2-Dichloroethane
Concen: 58.186 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.018 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion:	62	Resp:	92374
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	15.8





#43

Isopropyl Acetate

Concen: 52.498 ug/l

RT: 8.295 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VY016497.D

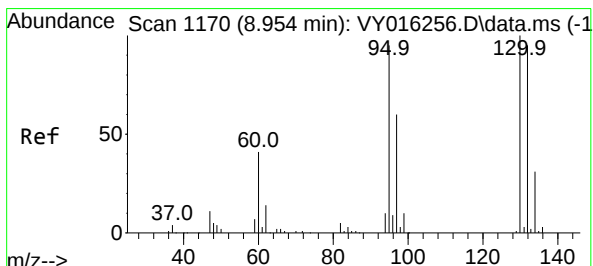
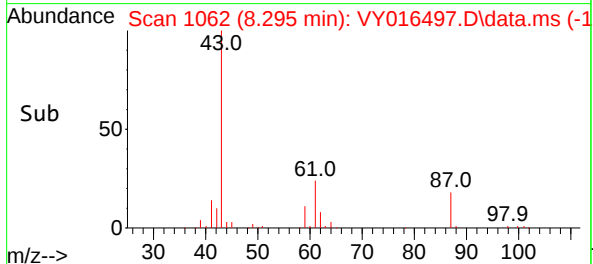
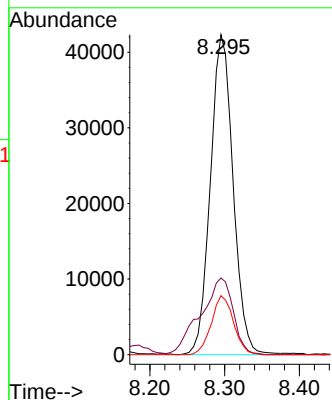
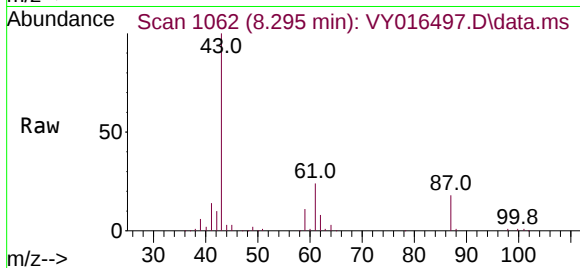
Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 89418
Ion Ratio	Lower Upper
43	100
61	34.4 21.1 31.7#
87	18.0 9.8 14.8#



#44

Trichloroethene

Concen: 58.434 ug/l

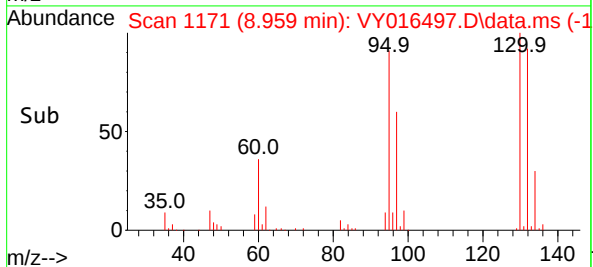
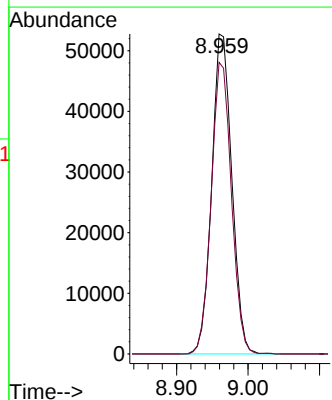
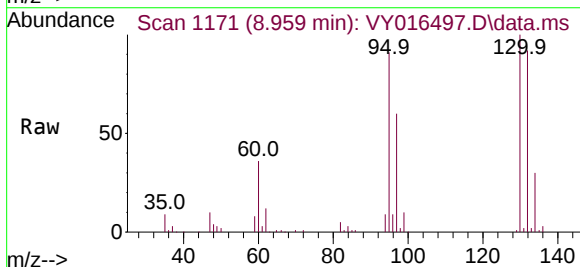
RT: 8.959 min Scan# 1171

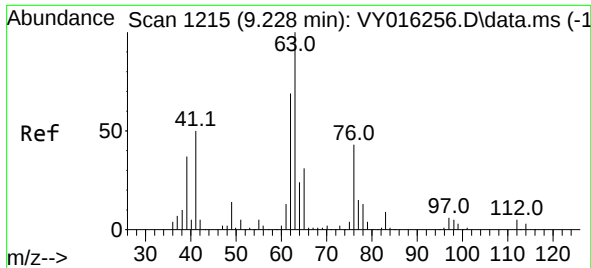
Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Tgt Ion: 130	Resp: 102898
Ion Ratio	Lower Upper
130	100
95	91.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.806 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

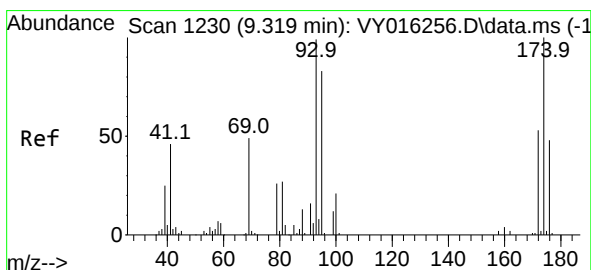
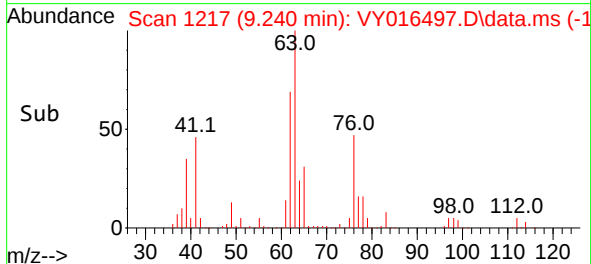
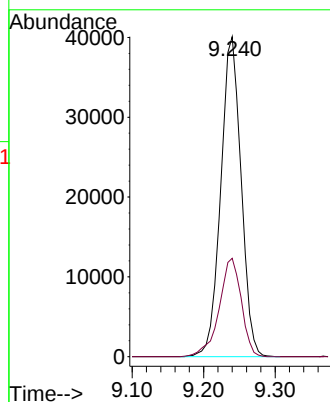
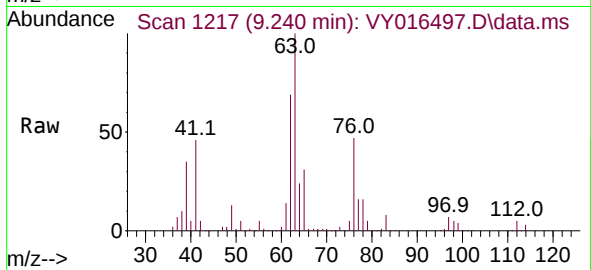
ClientSampleId :

Tgt Ion: 63 Resp: 79175

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 61.329 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

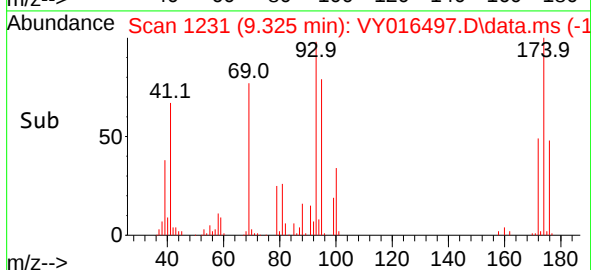
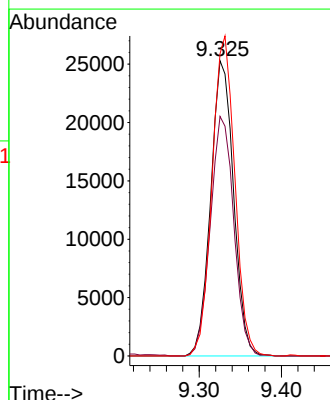
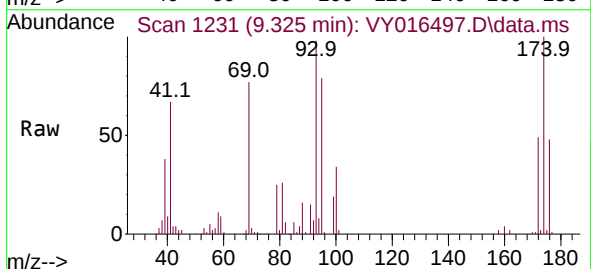
Tgt Ion: 93 Resp: 48904

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 107.7 84.8 127.2

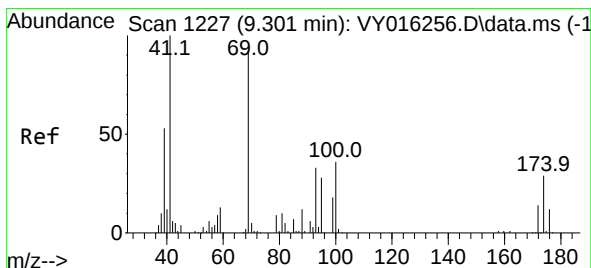
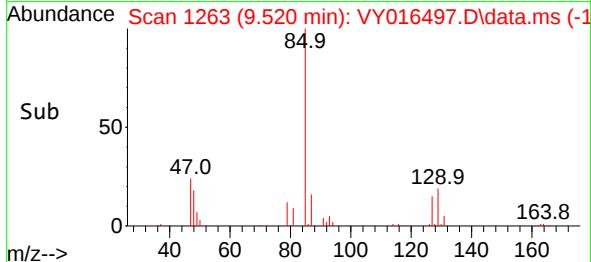
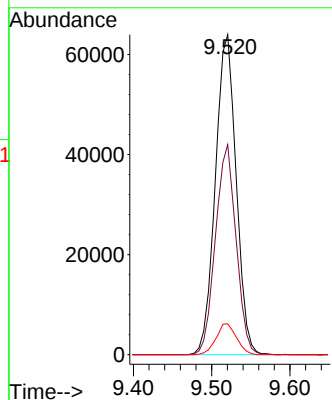
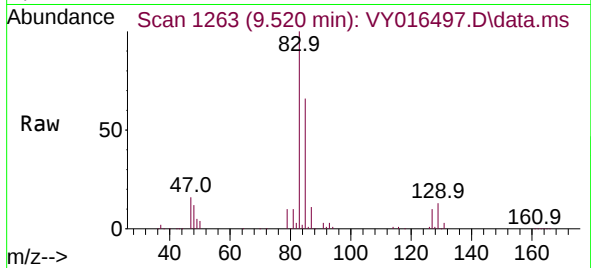




#47
Bromodichloromethane
Concen: 57.665 ug/l
RT: 9.520 min Scan# 118215
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

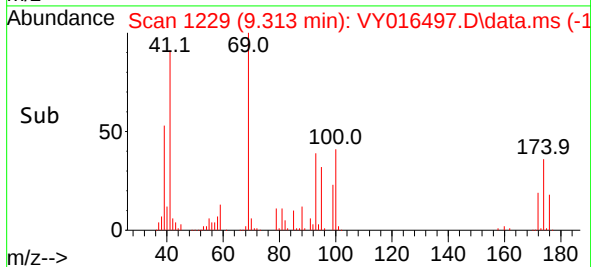
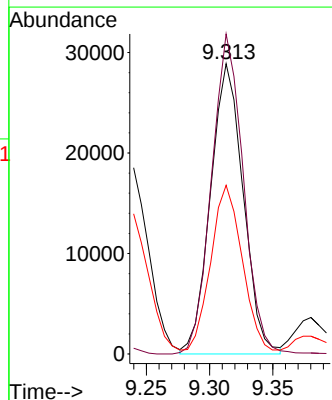
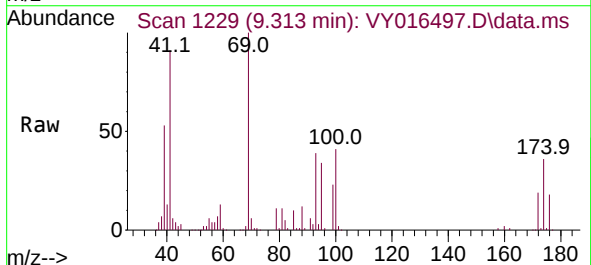
Instrument :
MSVOA_Y
ClientSampleId :

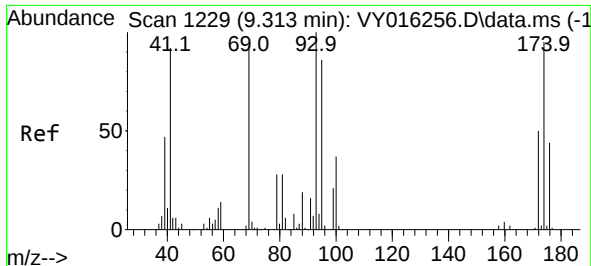
Tgt Ion: 83 Resp: 118215
Ion Ratio Lower Upper
83 100
85 65.6 50.1 75.1
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 55.138 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 41 Resp: 51904
Ion Ratio Lower Upper
41 100
69 107.2 64.5 96.7#
39 54.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1288.632 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

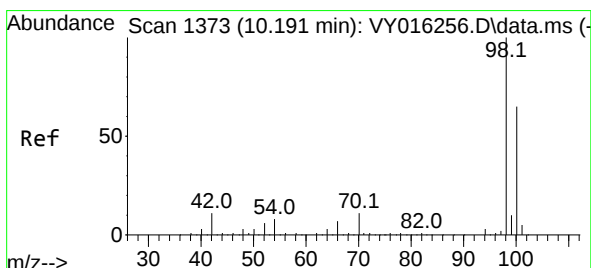
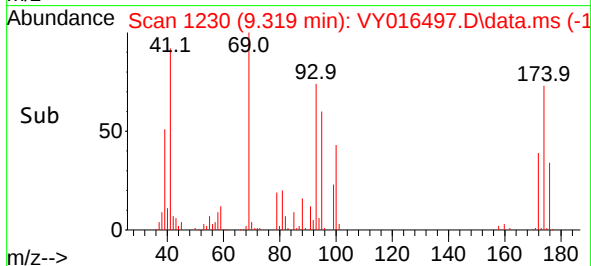
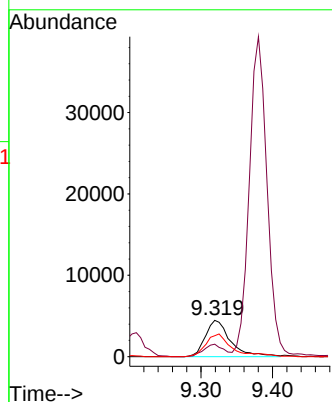
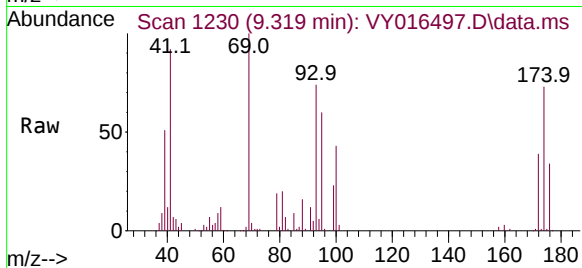
Tgt Ion: 88 Resp: 10909

Ion Ratio Lower Upper

88 100

43 28.2 0.0 0.0#

58 65.6 30.9 46.3#



#50

Toluene-d8

Concen: 54.120 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016497.D

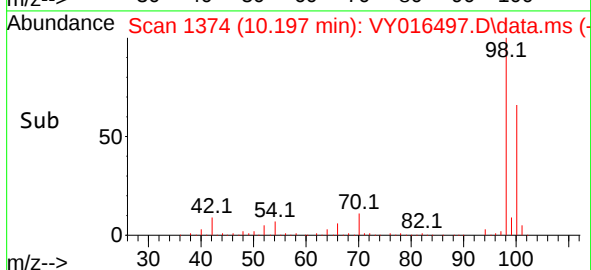
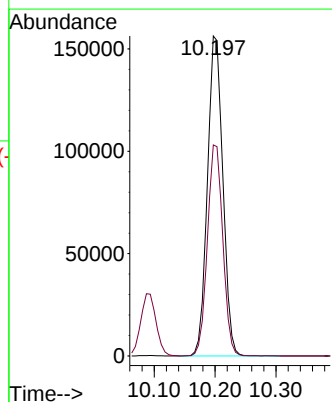
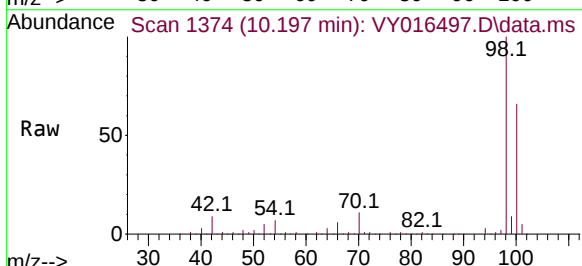
Acq: 24 Nov 2023 20:09

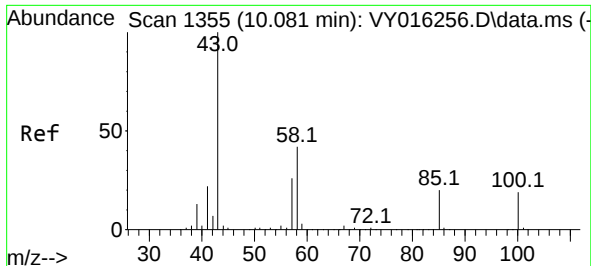
Tgt Ion: 98 Resp: 275640

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

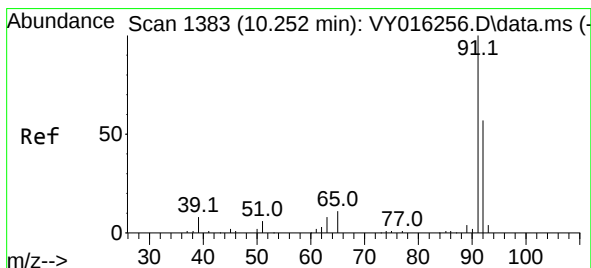
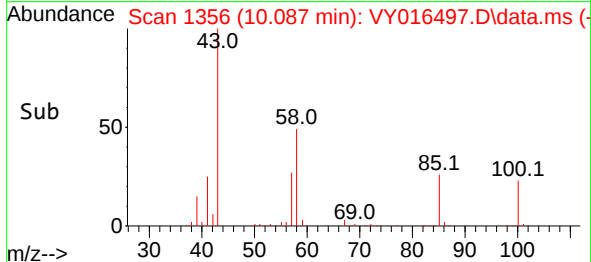
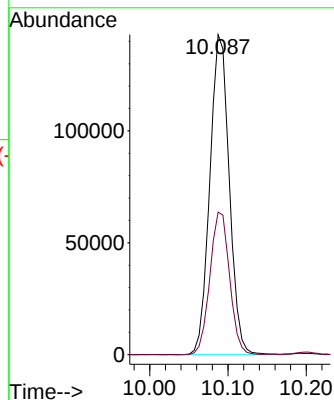
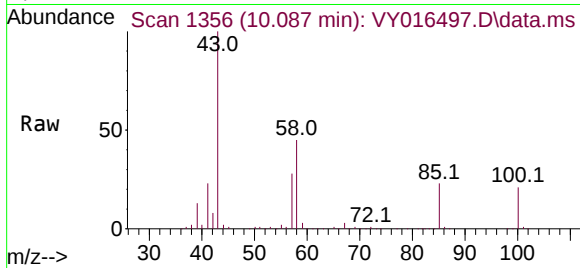




#51
4-Methyl-2-Pentanone
Concen: 285.656 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

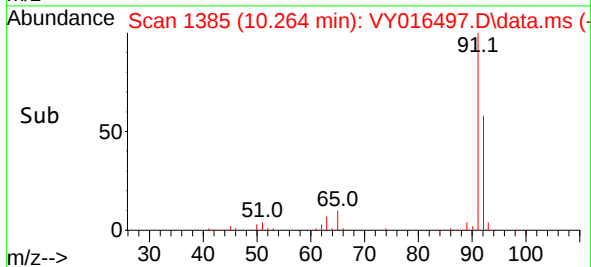
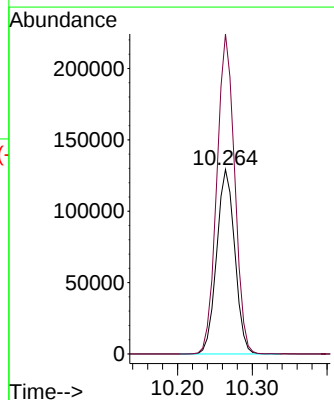
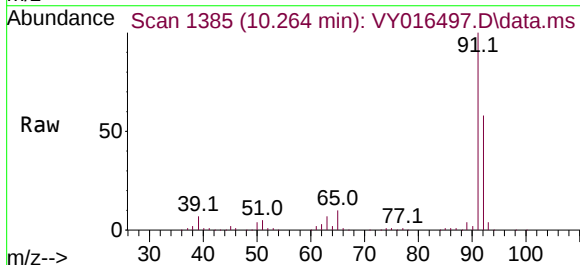
Instrument :
MSVOA_Y
ClientSampleId :

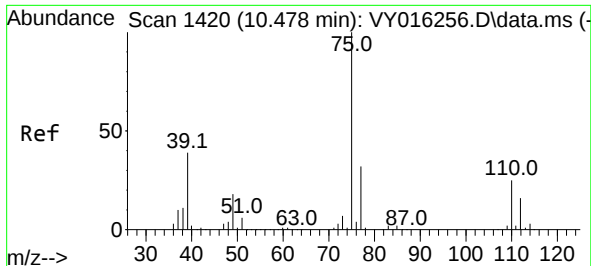
Tgt Ion: 43 Resp: 246037
Ion Ratio Lower Upper
43 100
58 45.2 29.0 43.6#



#52
Toluene
Concen: 56.233 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 92 Resp: 217798
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 58.722 ug/l

RT: 10.484 min Scan# 1420

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

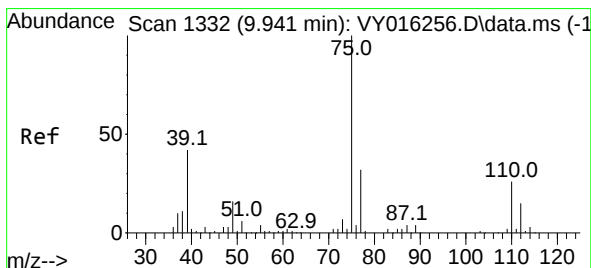
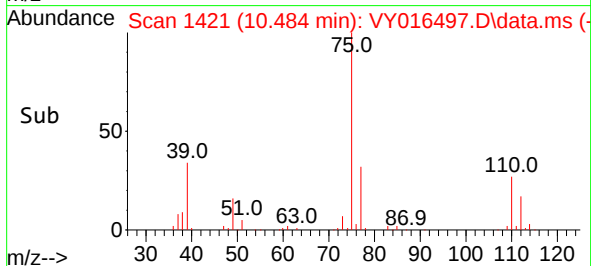
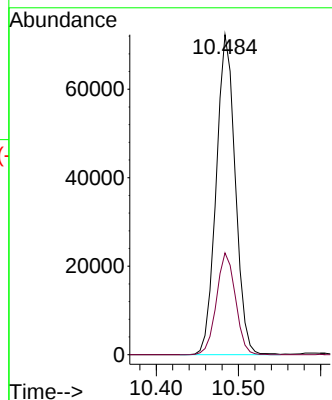
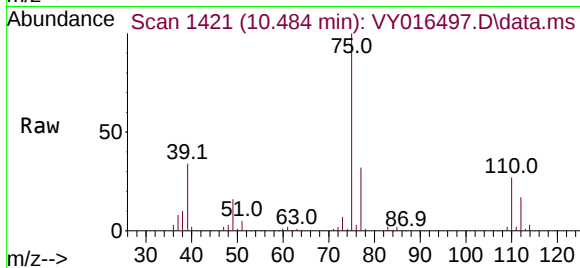
ClientSampleId :

Tgt Ion: 75 Resp: 116701

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 56.335 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

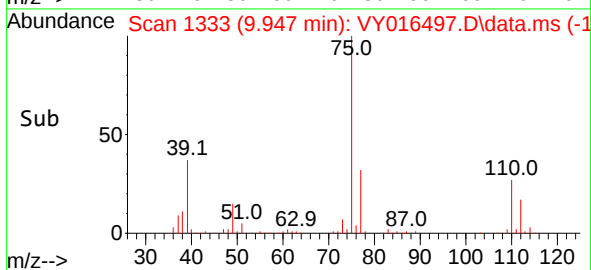
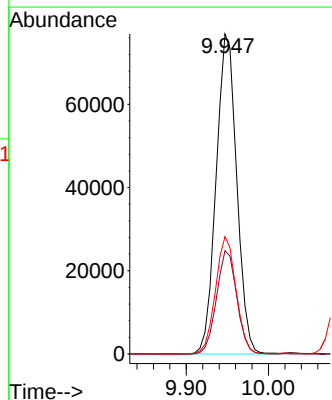
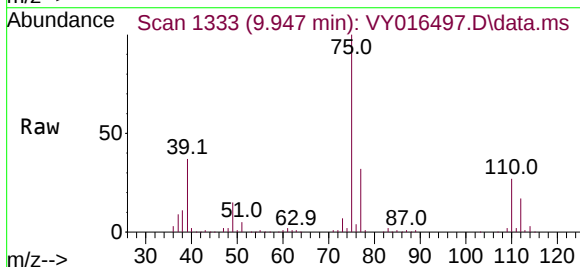
Tgt Ion: 75 Resp: 133719

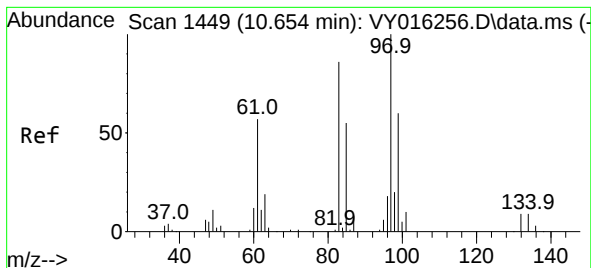
Ion Ratio Lower Upper

75 100

77 32.3 24.2 36.4

39 36.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 62.736 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

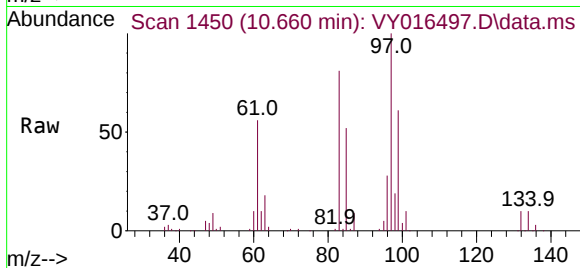
Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 68951

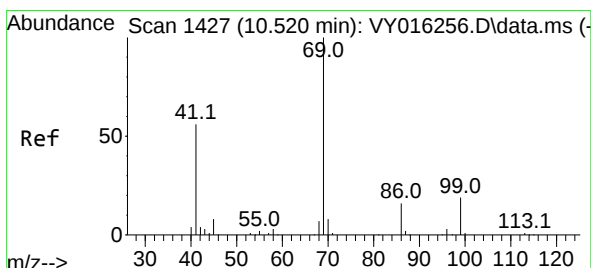
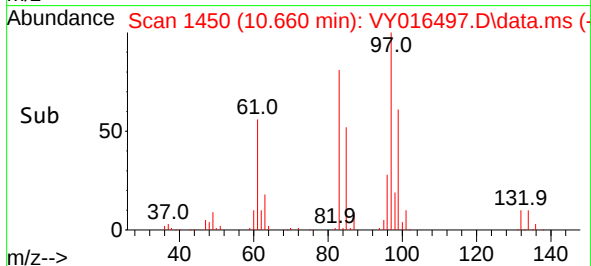
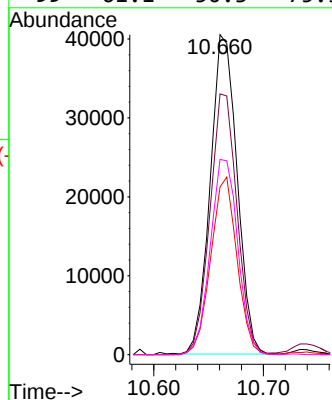
Ion Ratio Lower Upper

97 100

83 81.7 72.0 108.0

85 52.4 45.4 68.0

99 61.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 62.814 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

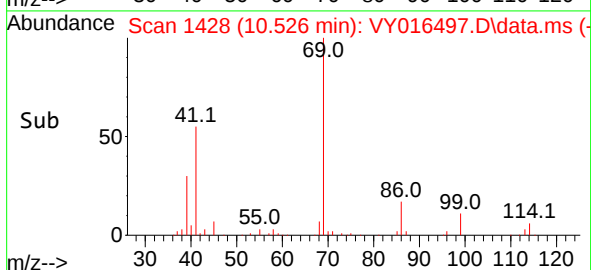
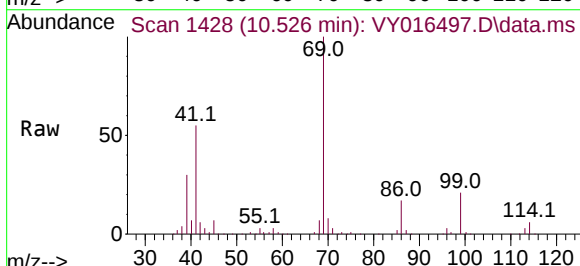
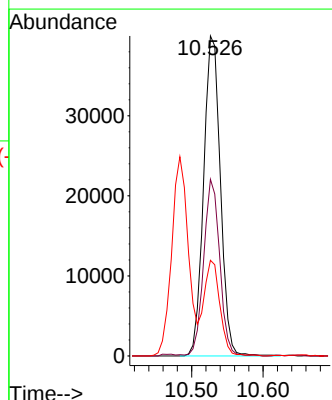
Tgt Ion: 69 Resp: 65168

Ion Ratio Lower Upper

69 100

41 52.9 57.6 86.4#

39 28.5 34.1 51.1#

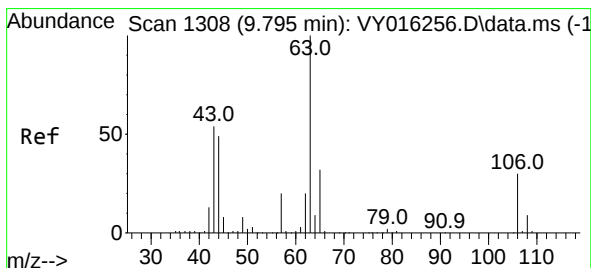
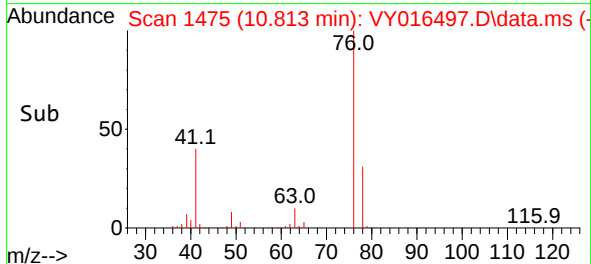
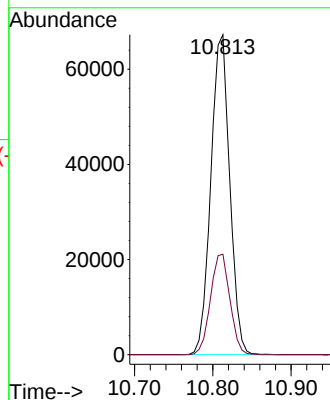
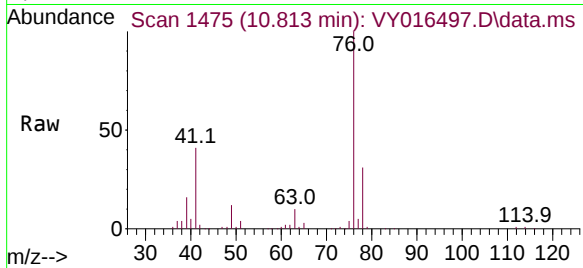




#57
1,3-Dichloropropane
Concen: 60.116 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

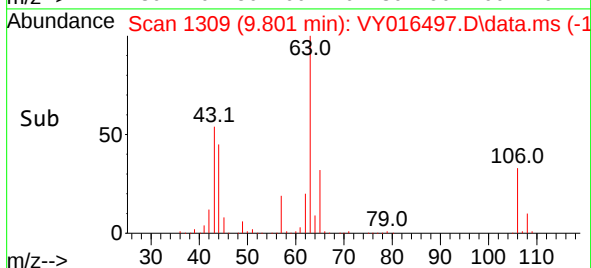
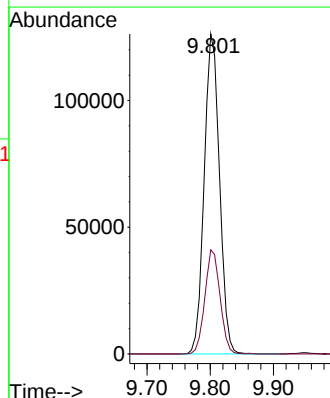
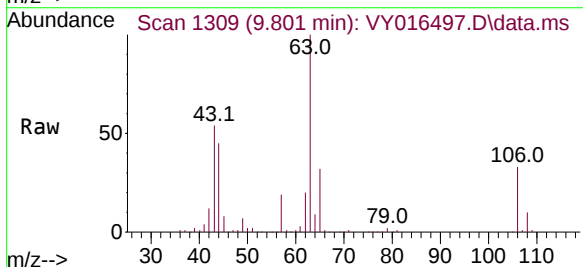
Instrument :
MSVOA_Y
ClientSampleId :

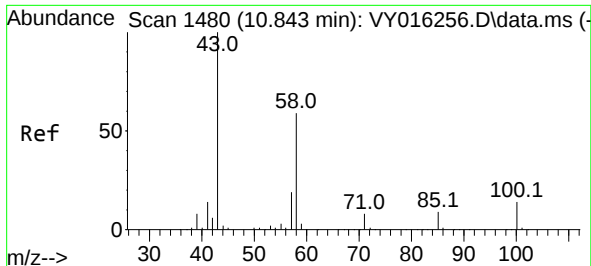
Tgt Ion: 76 Resp: 112623
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 302.593 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 63 Resp: 212869
Ion Ratio Lower Upper
63 100
106 32.3 21.2 31.8#

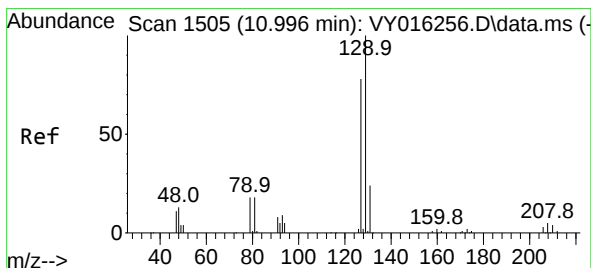
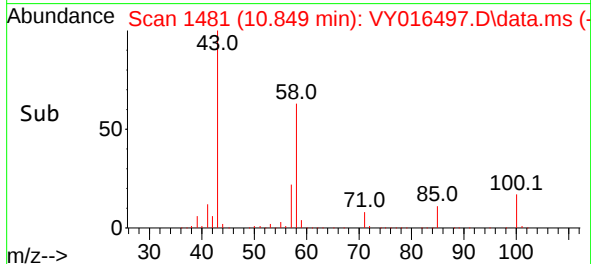
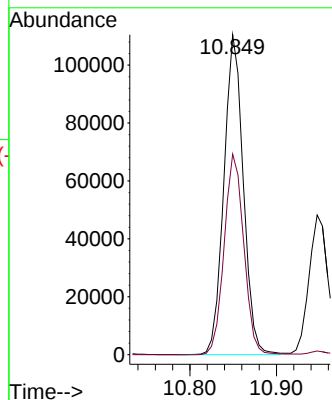
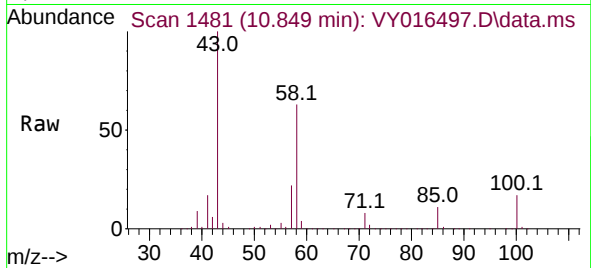




#59
2-Hexanone
Concen: 268.427 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

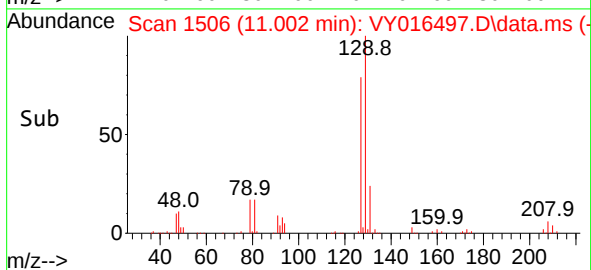
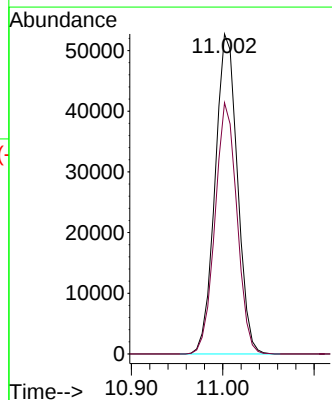
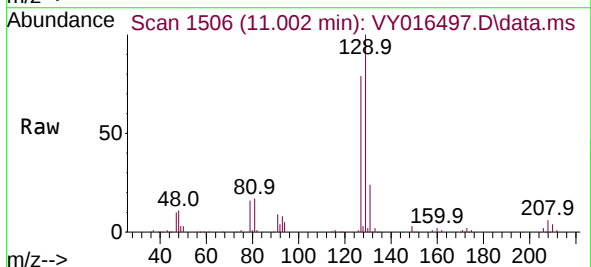
Instrument :
MSVOA_Y
ClientSampleId :

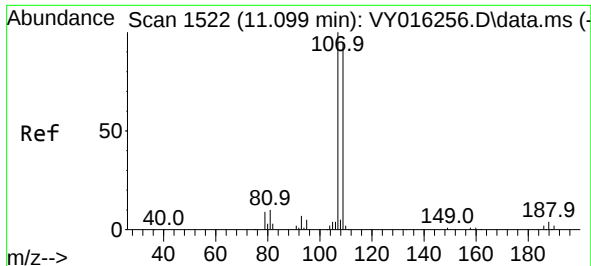
Tgt Ion: 43 Resp: 171970
Ion Ratio Lower Upper
43 100
58 63.4 25.1 75.3



#60
Dibromochloromethane
Concen: 65.104 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 129 Resp: 89488
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

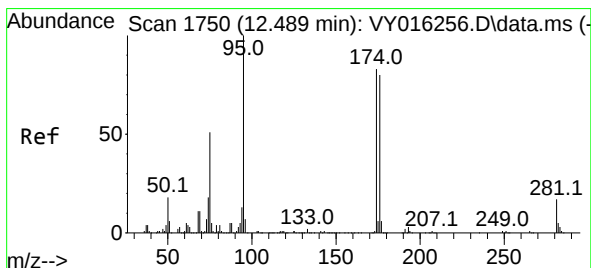
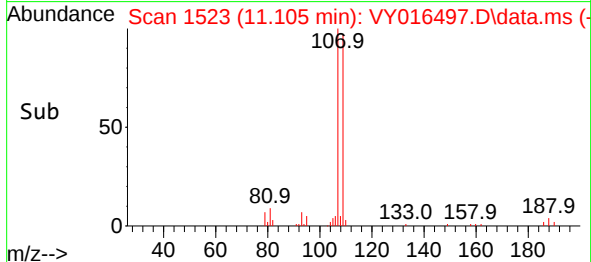
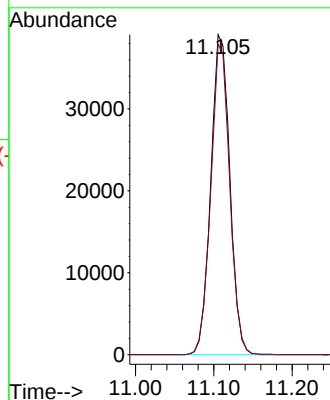
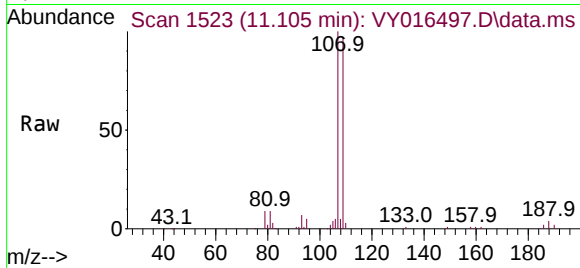




#61
1,2-Dibromoethane
Concen: 63.005 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

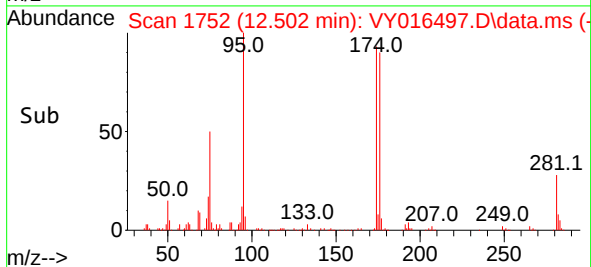
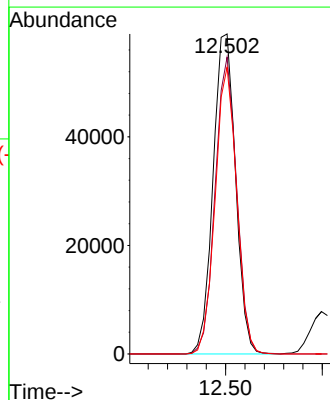
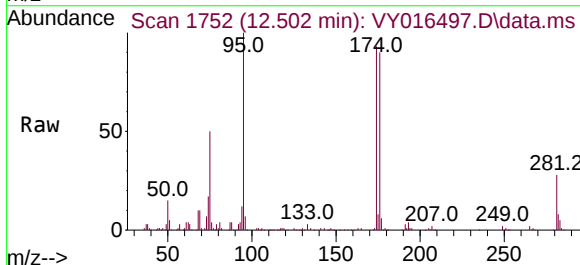
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 65971
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.506 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 95 Resp: 95124
Ion Ratio Lower Upper
95 100
174 88.6 0.0 178.2
176 86.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

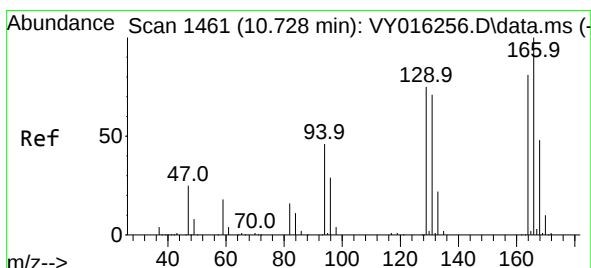
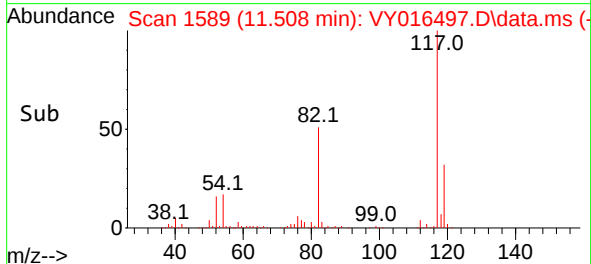
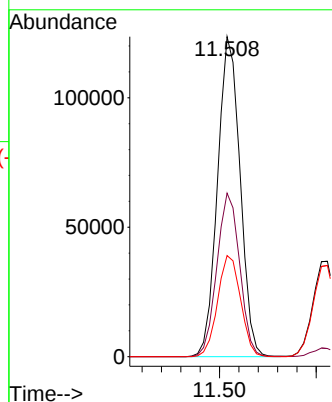
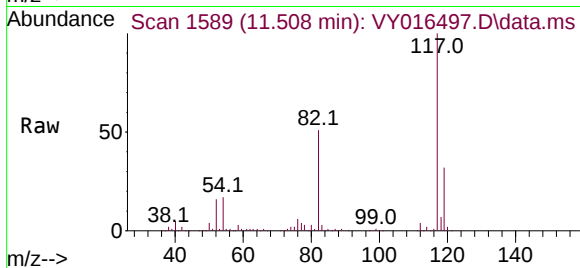
Tgt Ion:117 Resp: 199770

Ion Ratio Lower Upper

117 100

82 51.1 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 61.110 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Tgt Ion:164 Resp: 109616

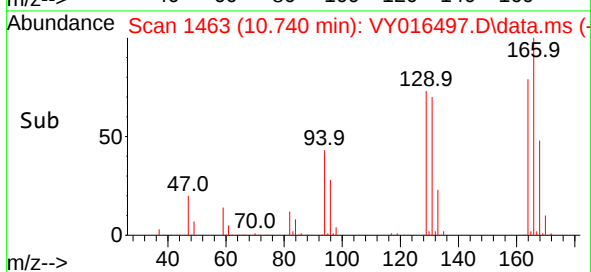
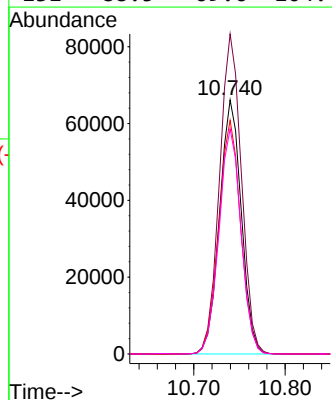
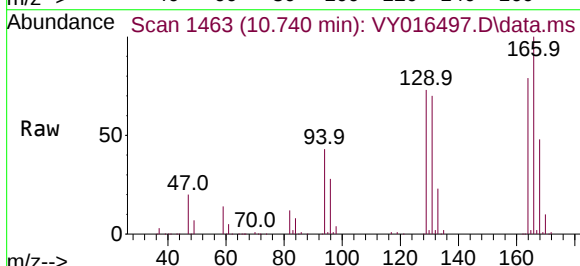
Ion Ratio Lower Upper

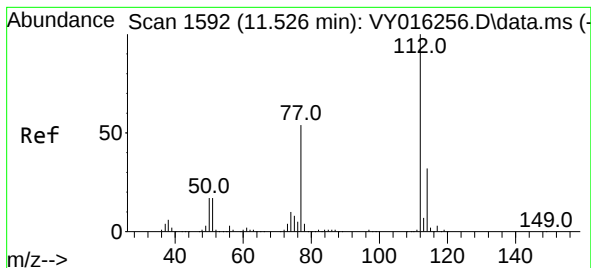
164 100

166 125.9 103.0 154.6

129 91.9 77.2 115.8

131 88.5 69.6 104.4





#65

Chlorobenzene

Concen: 55.848 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

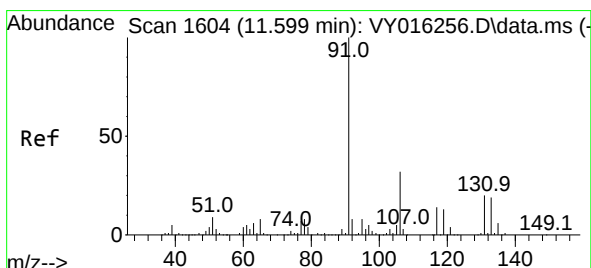
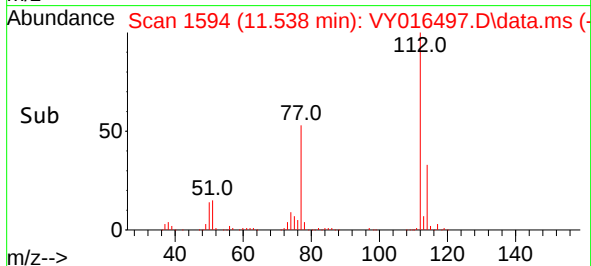
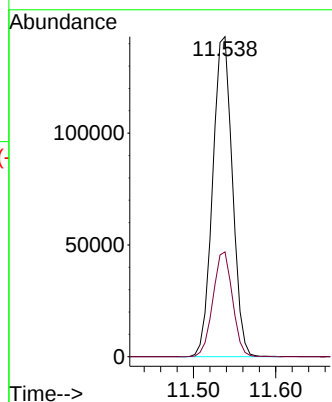
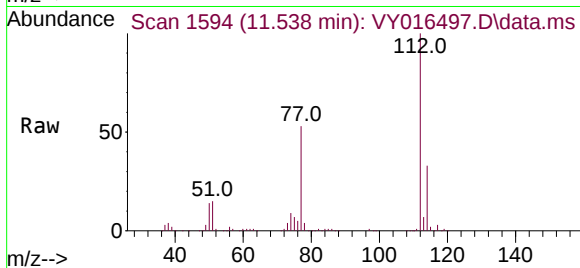
ClientSampleId :

Tgt Ion:112 Resp: 238367

Ion Ratio Lower Upper

112 100

114 32.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 59.131 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

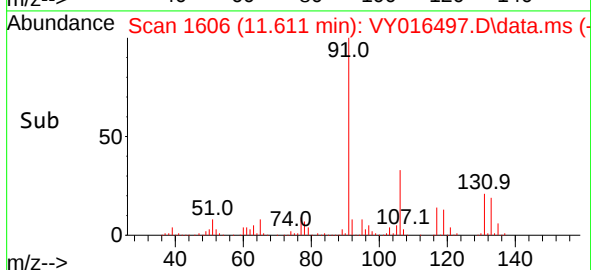
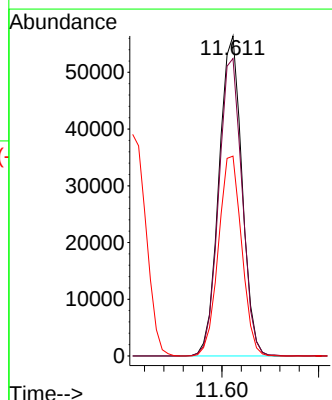
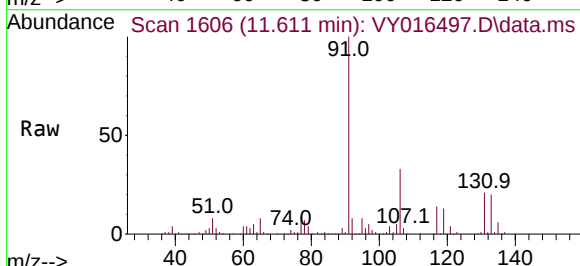
Tgt Ion:131 Resp: 93085

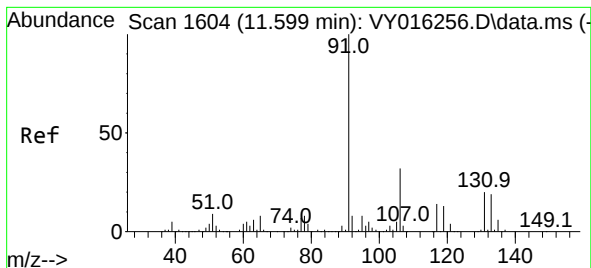
Ion Ratio Lower Upper

131 100

133 94.2 47.5 142.6

119 63.2 31.6 94.7





#67

Ethyl Benzene

Concen: 53.581 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

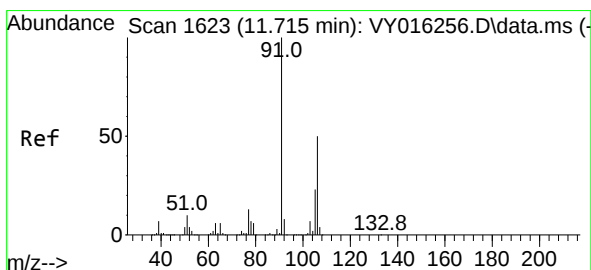
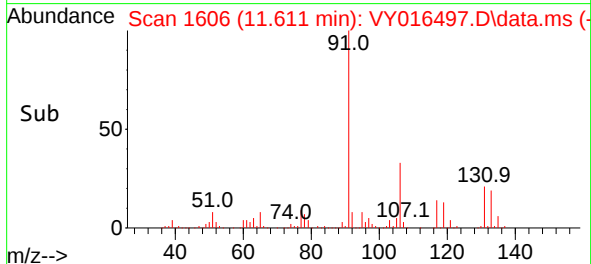
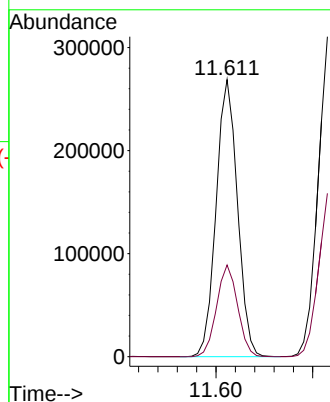
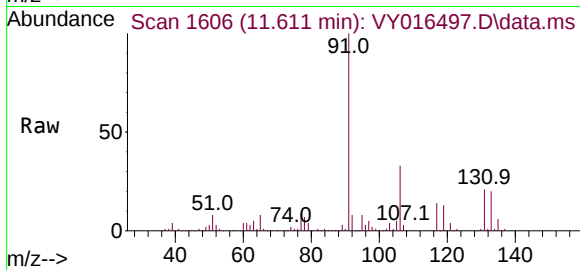
ClientSampleId :

Tgt Ion: 91 Resp: 410994

Ion Ratio Lower Upper

91 100

106 33.1 24.6 36.8



#68

m/p-Xylenes

Concen: 110.084 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016497.D

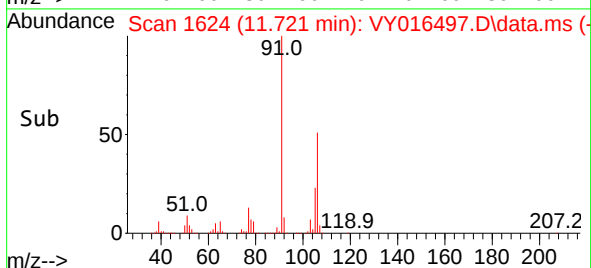
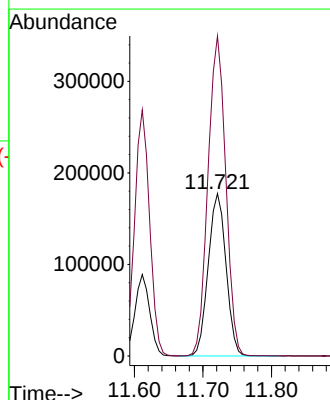
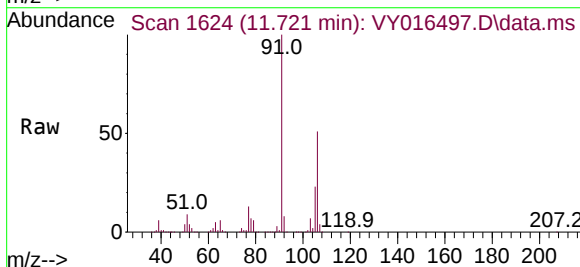
Acq: 24 Nov 2023 20:09

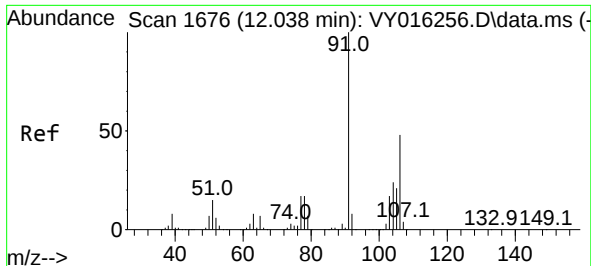
Tgt Ion:106 Resp: 320275

Ion Ratio Lower Upper

106 100

91 196.9 166.1 249.1

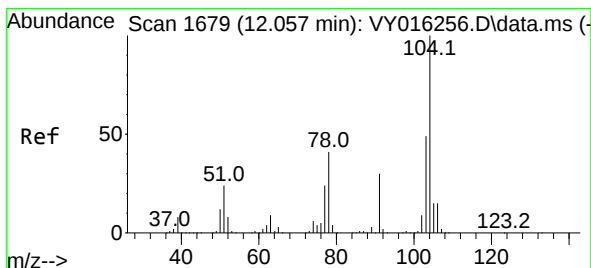
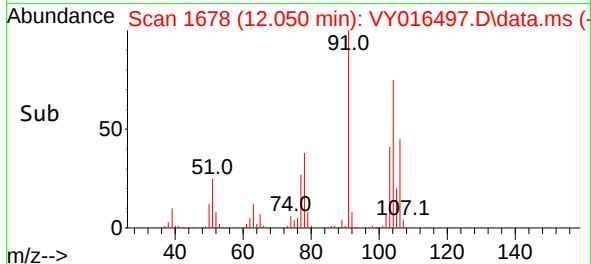
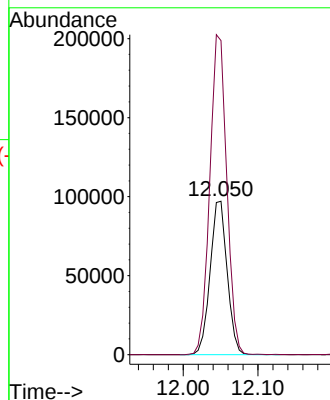
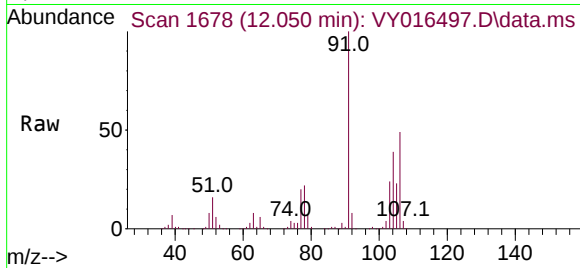




#69
o-Xylene
Concen: 56.838 ug/l
RT: 12.050 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

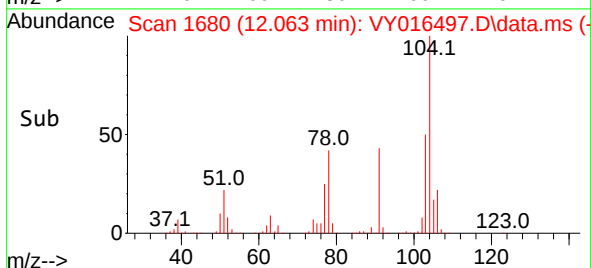
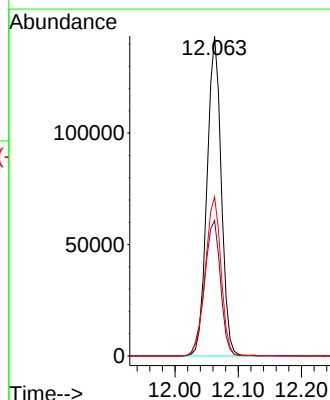
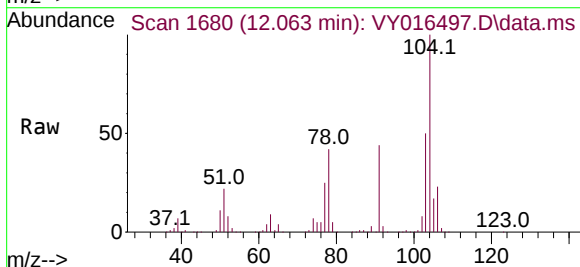
Instrument :
MSVOA_Y
ClientSampleId :

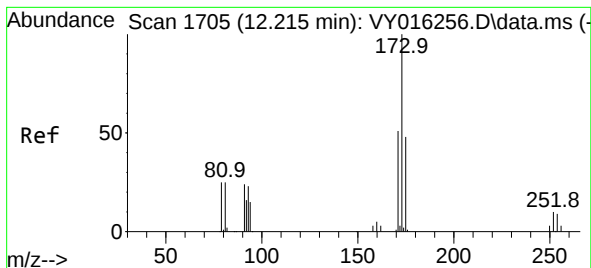
Tgt Ion:106 Resp: 153532
Ion Ratio Lower Upper
106 100
91 207.7 108.1 324.3



#70
Styrene
Concen: 58.158 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion:104 Resp: 224947
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 54.9 44.6 67.0





#71

Bromoform

Concen: 67.368 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

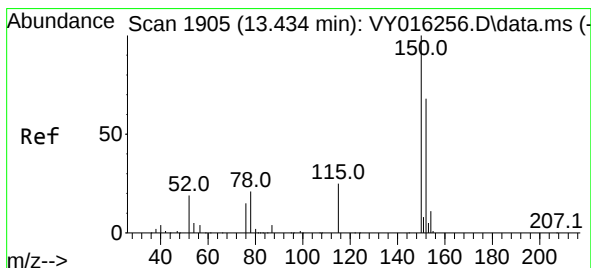
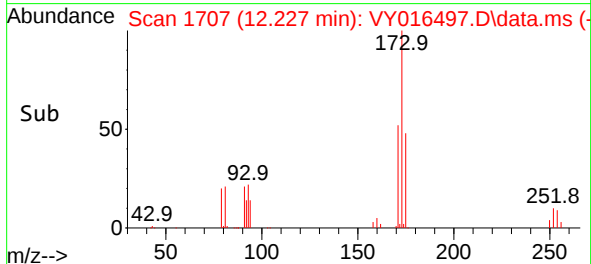
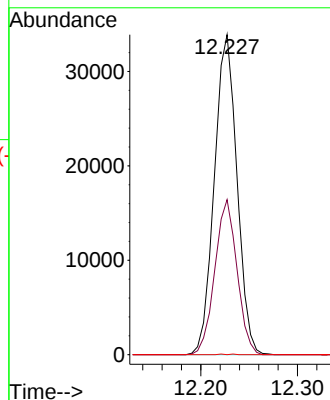
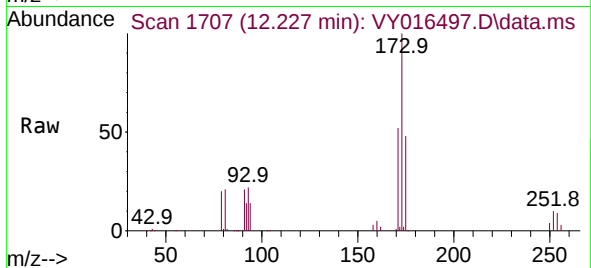
Tgt Ion:173 Resp: 55029

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

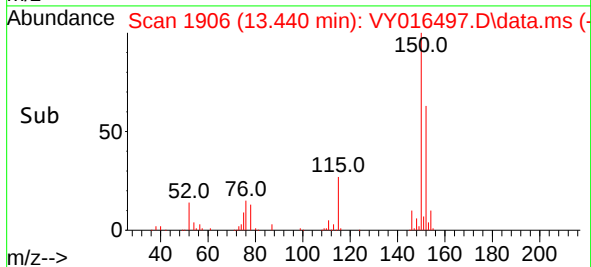
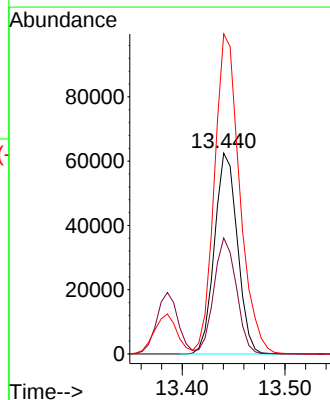
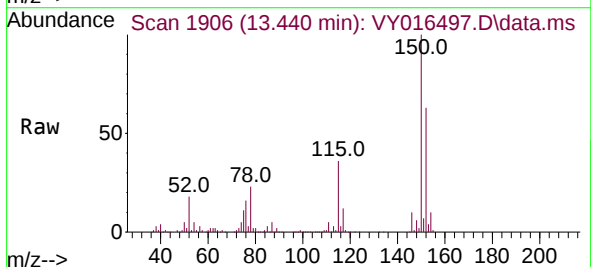
Tgt Ion:152 Resp: 96472

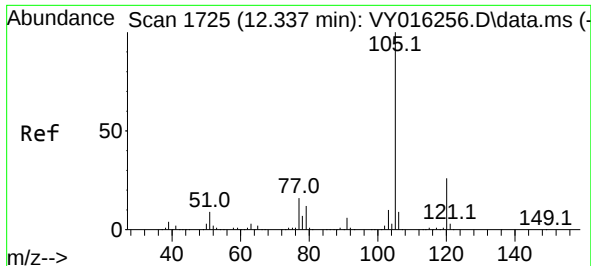
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 176.0 0.0 348.8

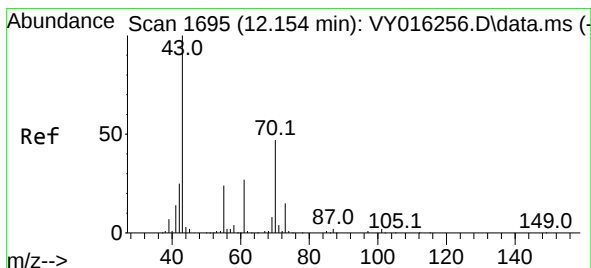
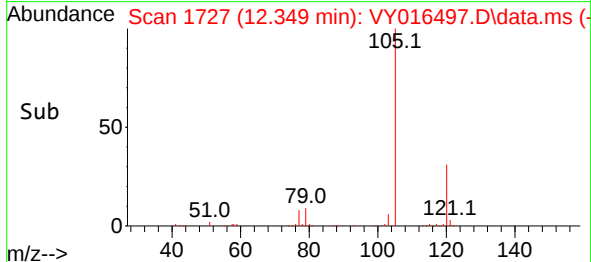
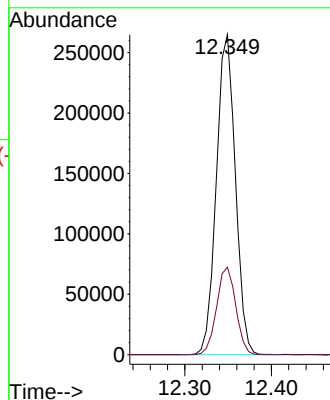
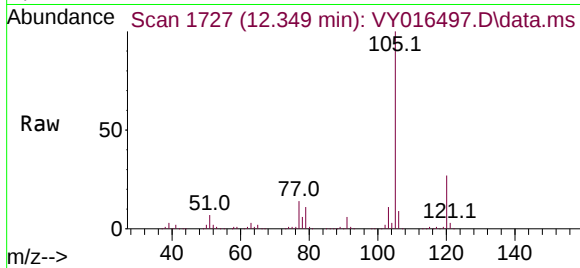




#73
Isopropylbenzene
Concen: 51.696 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

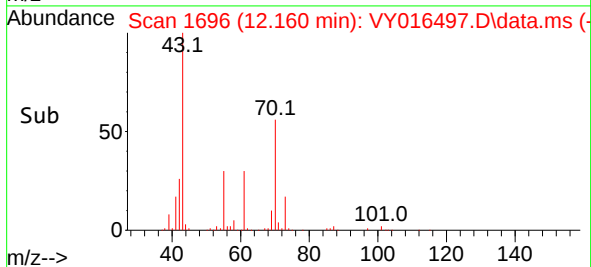
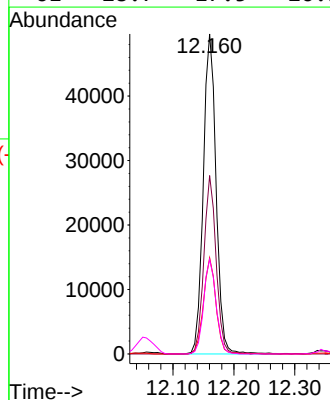
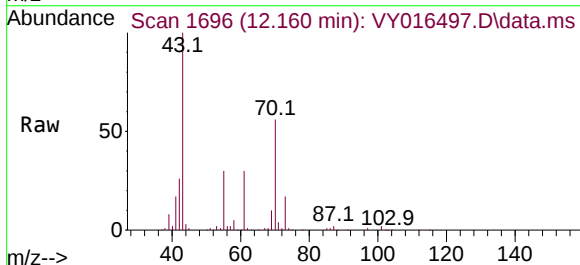
Instrument :
MSVOA_Y
ClientSampleId :

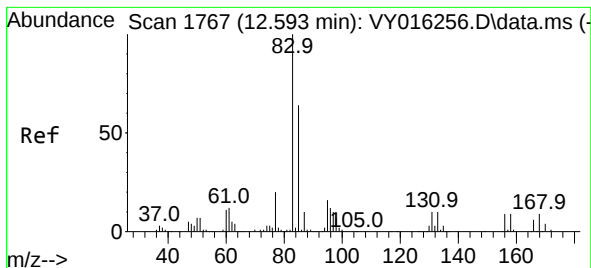
Tgt Ion:105 Resp: 403856
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9



#74
N-ethyl acetate
Concen: 46.229 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 43 Resp: 72541
Ion Ratio Lower Upper
43 100
70 53.5 29.7 44.5#
55 29.5 18.3 27.5#
61 28.7 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 57.349 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

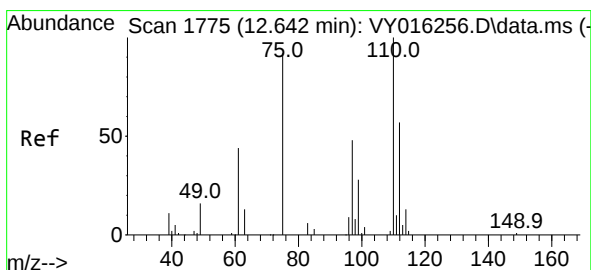
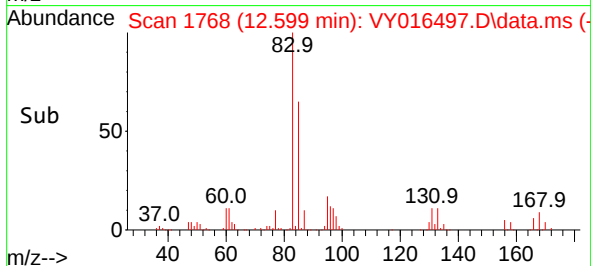
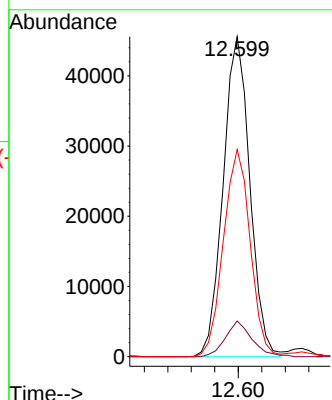
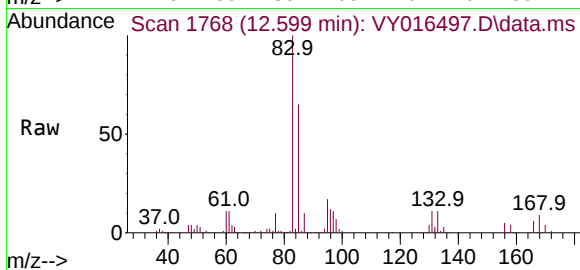
Tgt Ion: 83 Resp: 71890

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 101.728 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016497.D

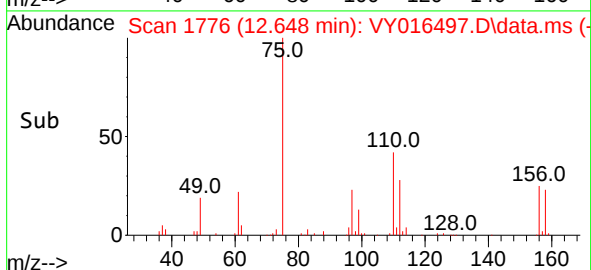
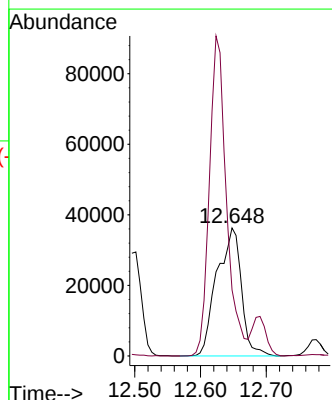
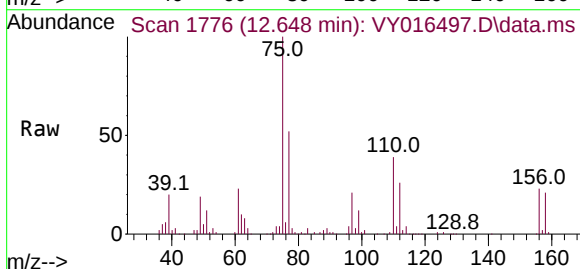
Acq: 24 Nov 2023 20:09

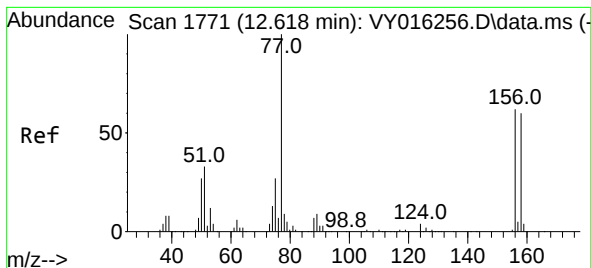
Tgt Ion: 75 Resp: 94144

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.751 ug/l

RT: 12.630 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

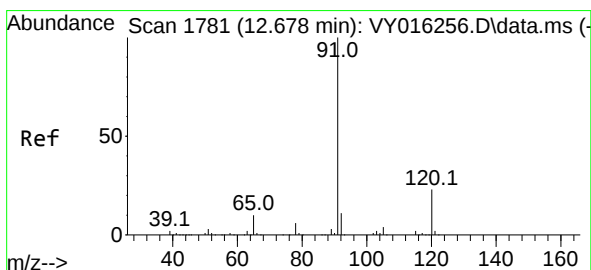
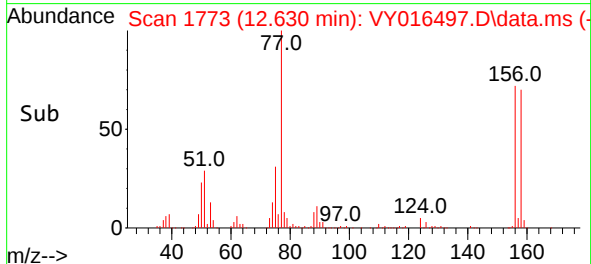
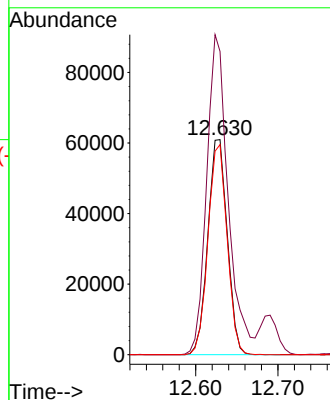
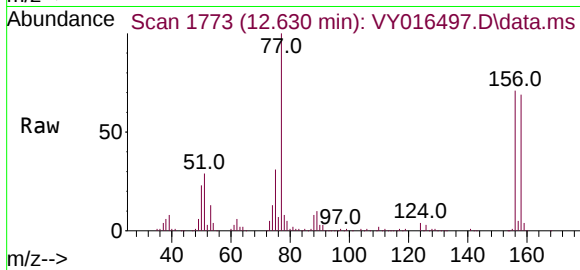
Tgt Ion:156 Resp: 100201

Ion Ratio Lower Upper

156 100

77 164.6 92.8 278.6

158 96.1 48.4 145.3



#78

n-propylbenzene

Concen: 49.852 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016497.D

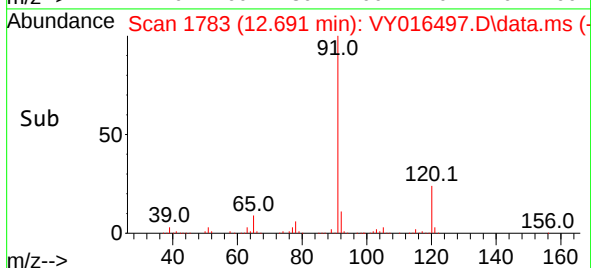
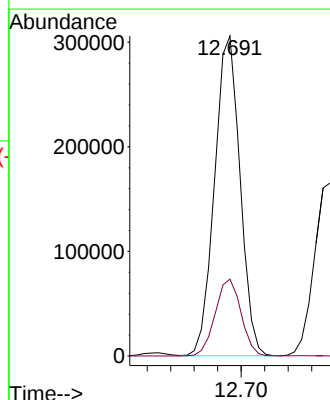
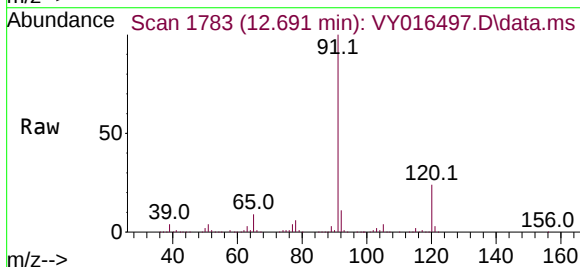
Acq: 24 Nov 2023 20:09

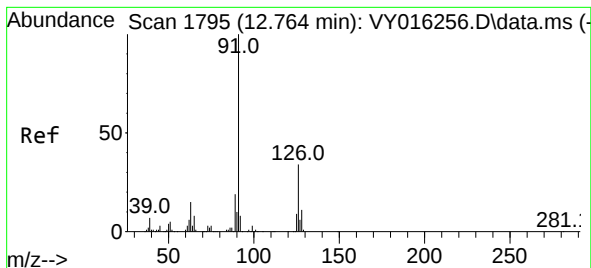
Tgt Ion: 91 Resp: 460250

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4

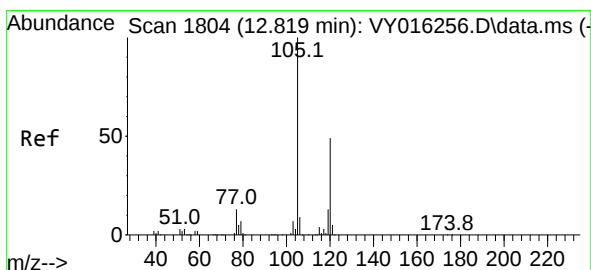
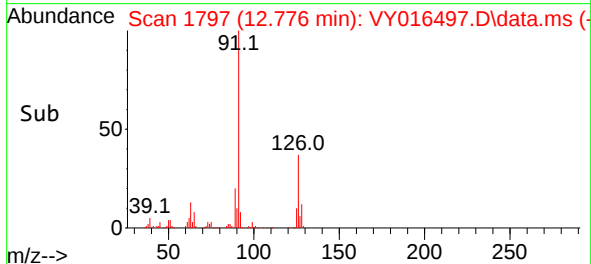
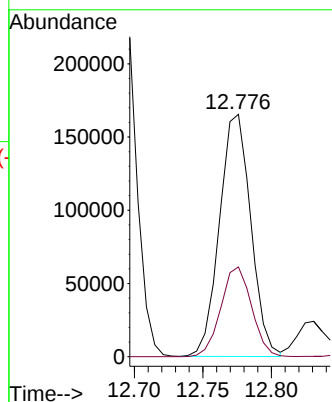
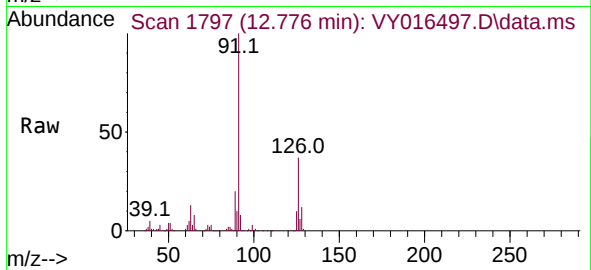




#79
2-Chlorotoluene
Concen: 51.710 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

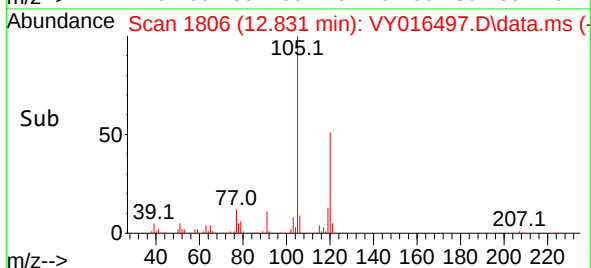
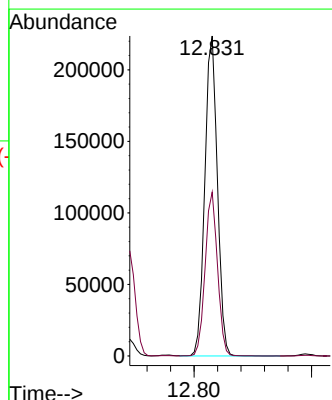
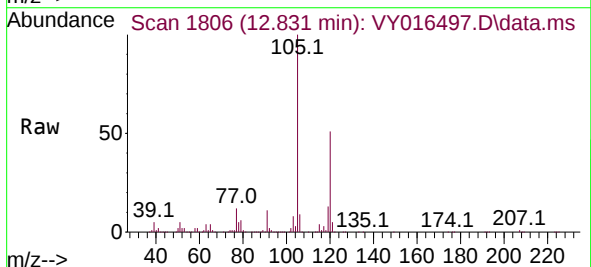
Instrument :
MSVOA_Y
ClientSampleId :

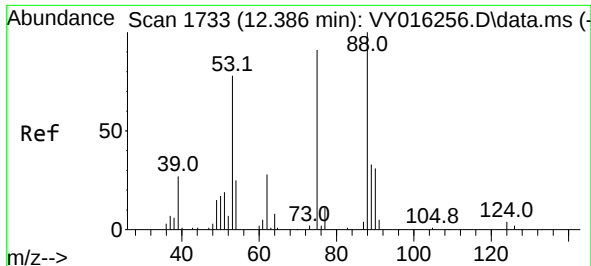
Tgt Ion: 91 Resp: 263092
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.831 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 105 Resp: 332757
Ion Ratio Lower Upper
105 100
120 50.4 23.9 71.7

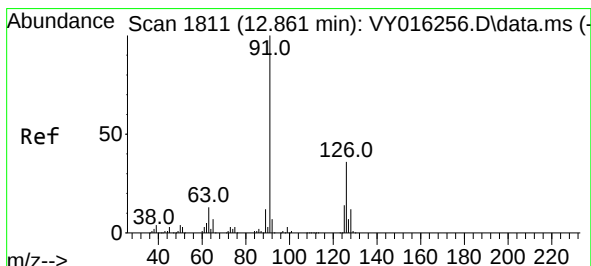
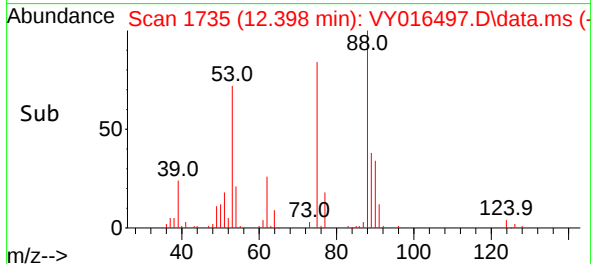
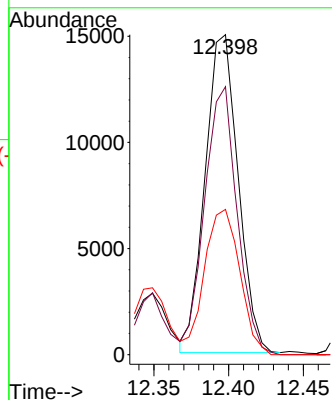
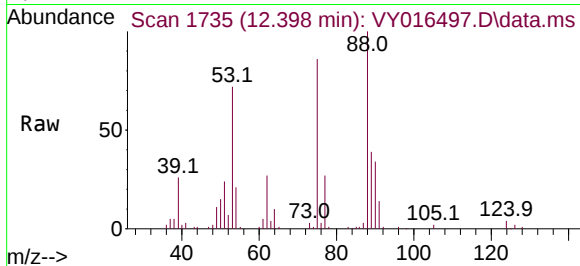




#81
trans-1,4-Dichloro-2-butene
Concen: 54.109 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

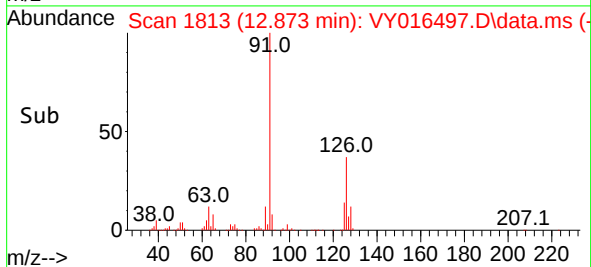
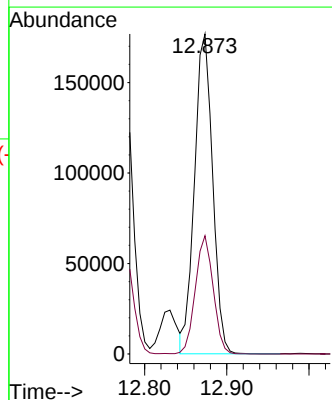
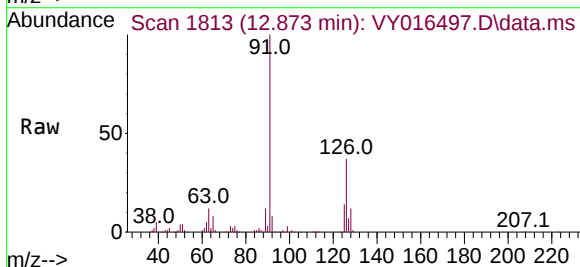
Instrument :
MSVOA_Y
ClientSampleId :

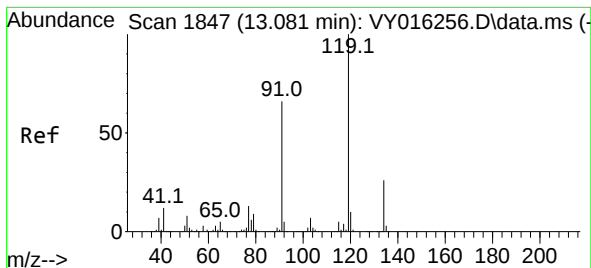
Tgt Ion: 75 Resp: 23070
Ion Ratio Lower Upper
75 100
53 83.0 77.8 116.8
89 49.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.479 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 91 Resp: 270646
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.354 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

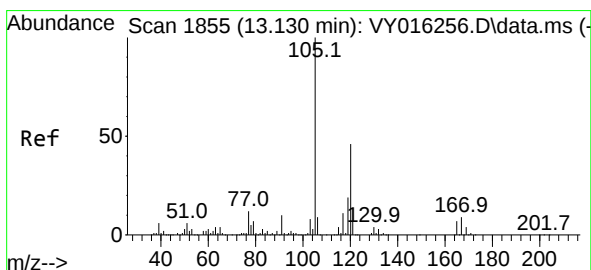
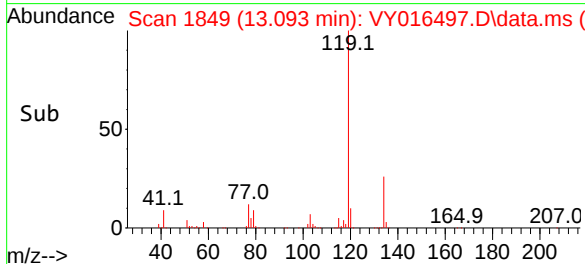
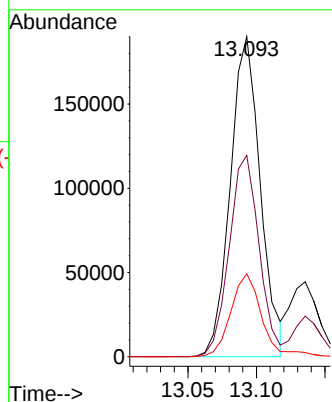
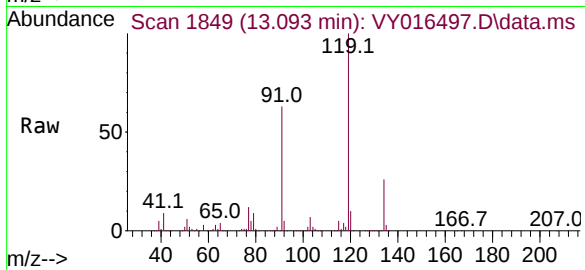
Tgt Ion:119 Resp: 290448

Ion Ratio Lower Upper

119 100

91 62.6 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.993 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016497.D

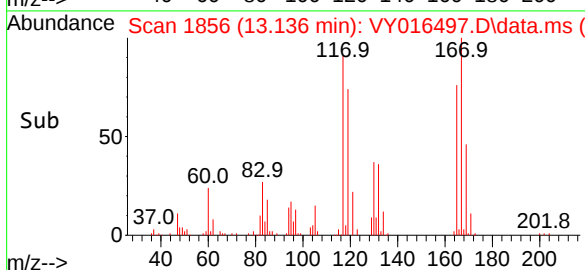
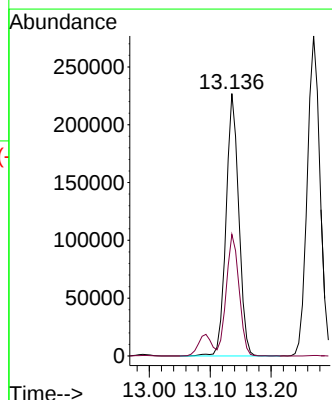
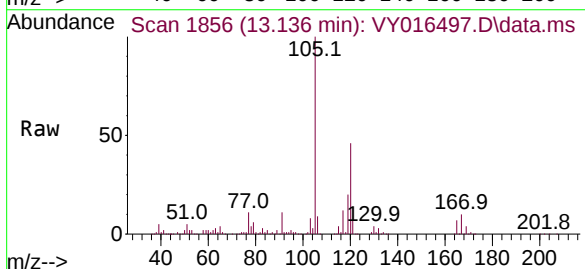
Acq: 24 Nov 2023 20:09

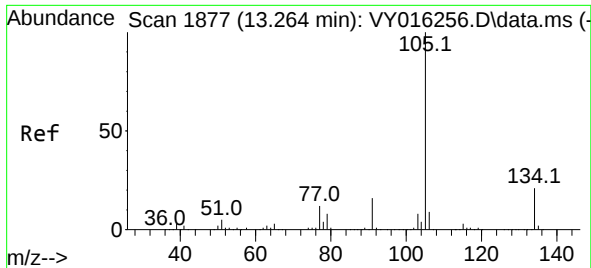
Tgt Ion:105 Resp: 328657

Ion Ratio Lower Upper

105 100

120 46.5 22.2 66.6

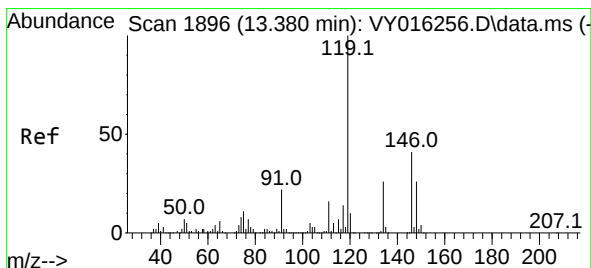
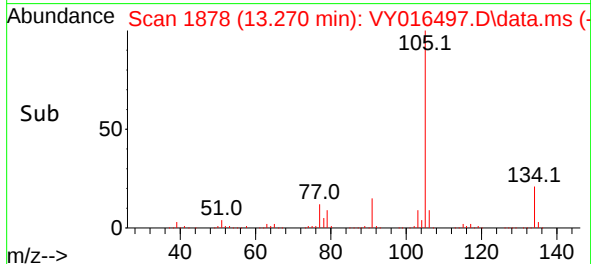
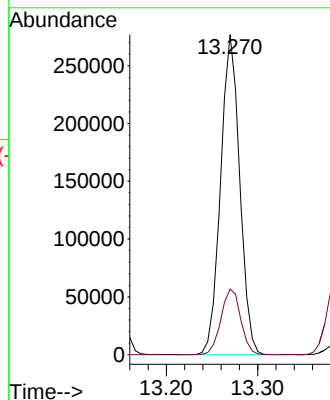
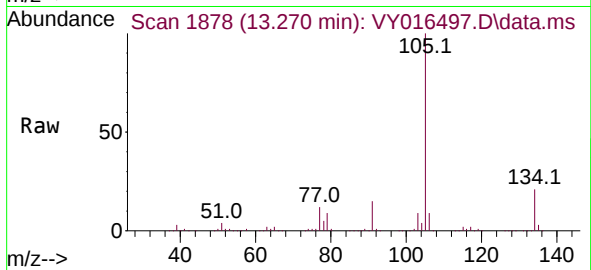




#85
 sec-Butylbenzene
 Concen: 50.782 ug/l
 RT: 13.270 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY016497.D
 Acq: 24 Nov 2023 20:09

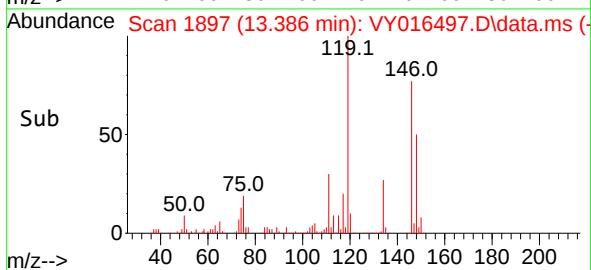
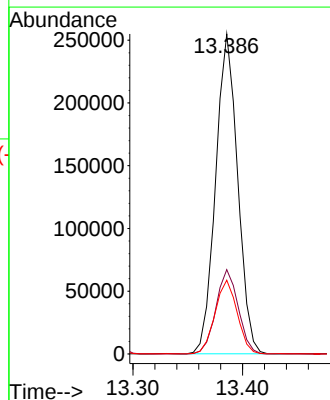
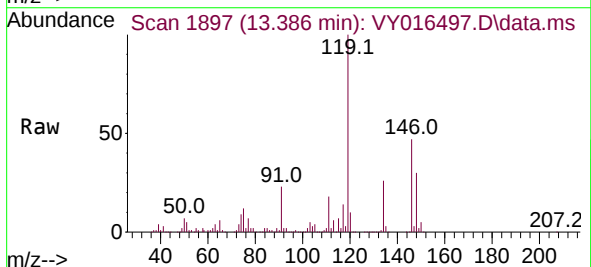
Instrument :
 MSVOA_Y
 ClientSampleId :

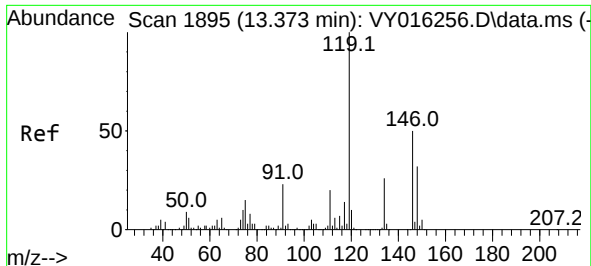
Tgt Ion:105 Resp: 402487
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.152 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016497.D
 Acq: 24 Nov 2023 20:09

Tgt Ion:119 Resp: 355921
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.1 12.4 37.4

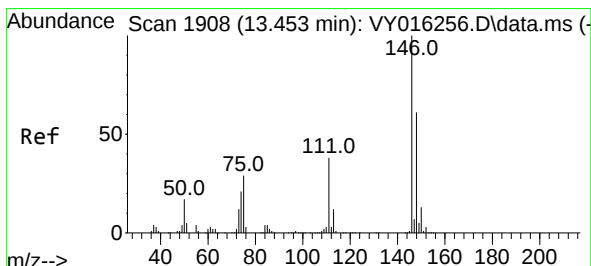
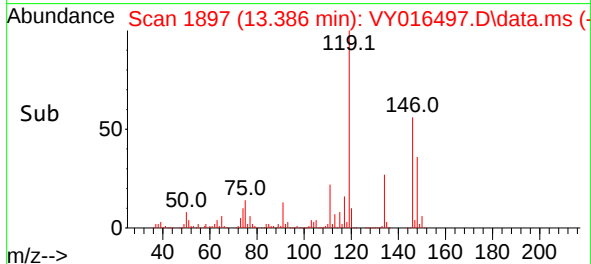
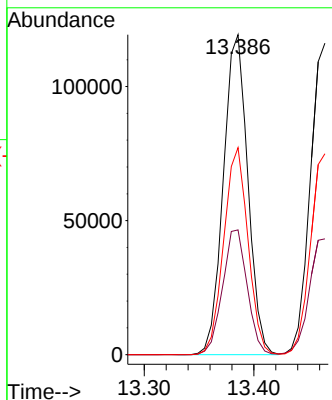
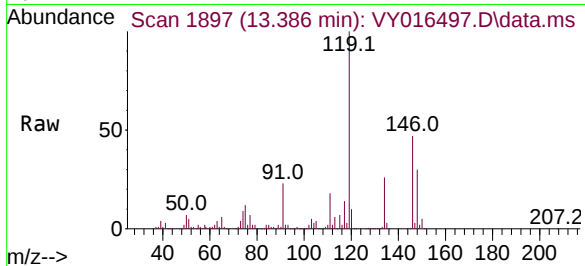




#87
 1,3-Dichlorobenzene
 Concen: 54.472 ug/l
 RT: 13.386 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VY016497.D
 Acq: 24 Nov 2023 20:09

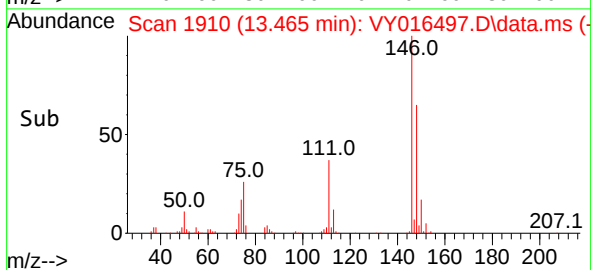
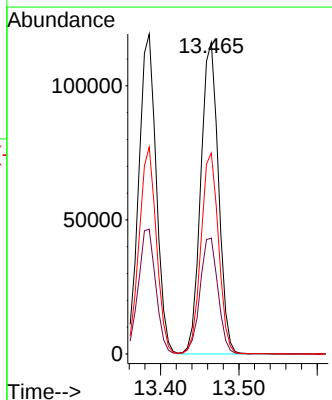
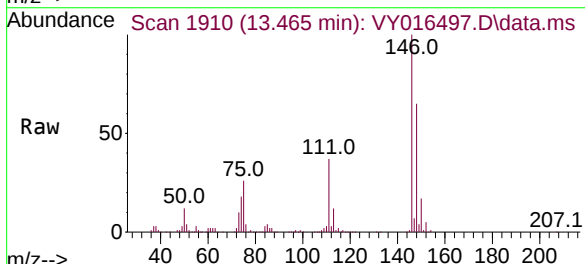
Instrument :
 MSVOA_Y
 ClientSampleId :

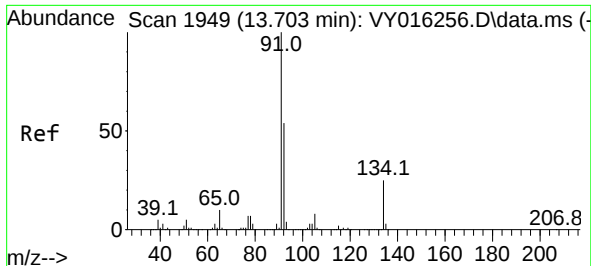
Tgt Ion:146 Resp: 185032
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.4 58.2
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 54.866 ug/l
 RT: 13.465 min Scan# 1910
 Delta R.T. 0.012 min
 Lab File: VY016497.D
 Acq: 24 Nov 2023 20:09

Tgt Ion:146 Resp: 182139
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 63.9 32.1 96.5

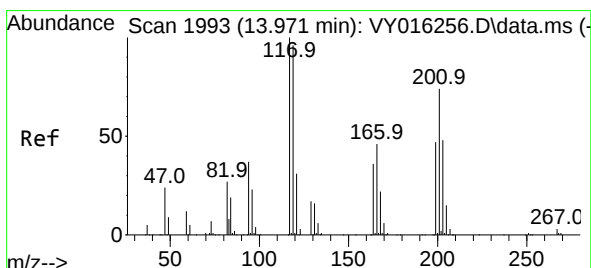
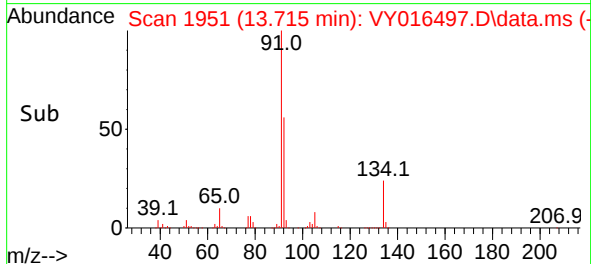
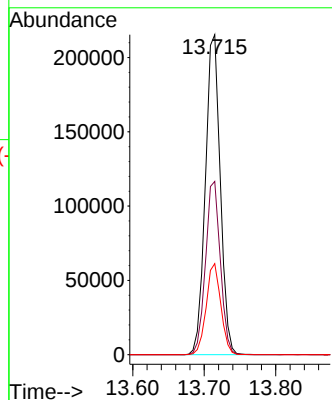
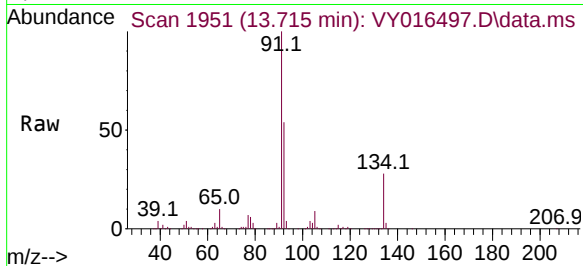




#89
n-Butylbenzene
Concen: 49.509 ug/l
RT: 13.715 min Scan# 1949
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

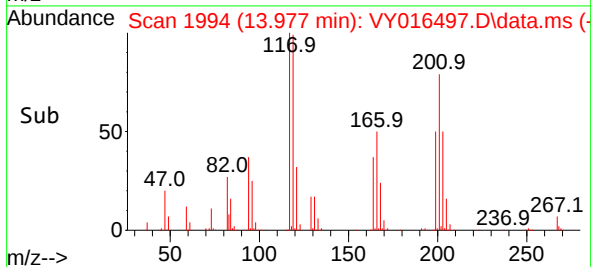
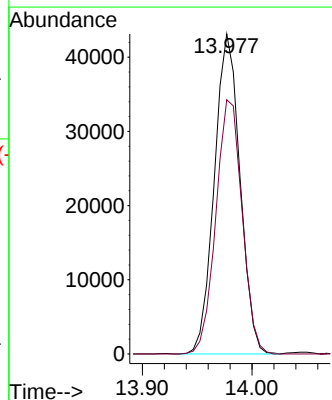
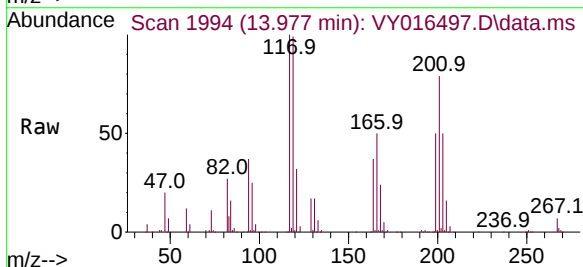
Instrument :
MSVOA_Y
ClientSampleId :

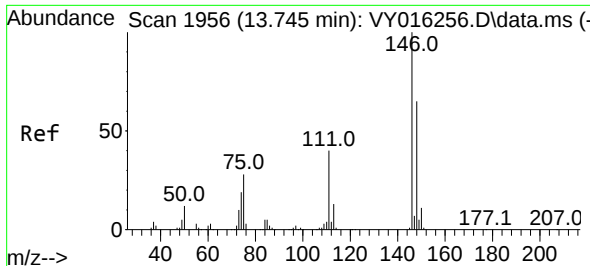
Tgt Ion: 91 Resp: 312035
Ion Ratio Lower Upper
91 100
92 53.9 25.4 76.0
134 28.0 12.6 37.6



#90
Hexachloroethane
Concen: 53.243 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

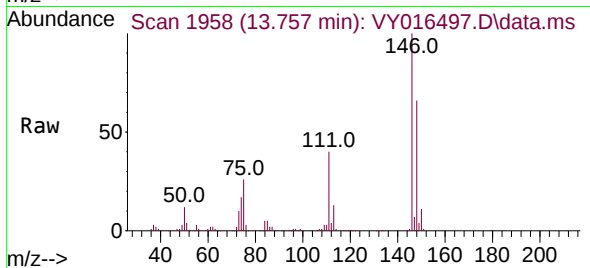
Tgt Ion: 117 Resp: 70095
Ion Ratio Lower Upper
117 100
201 81.3 41.6 124.8



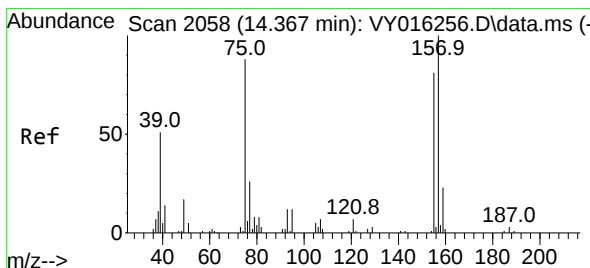
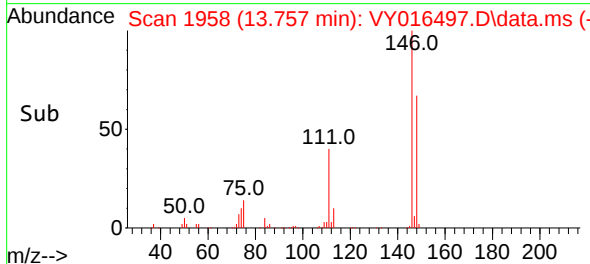
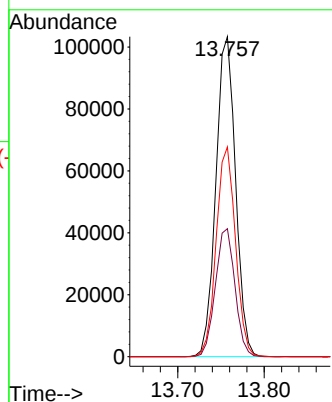


#91
1,2-Dichlorobenzene
Concen: 56.035 ug/l
RT: 13.757 min Scan# 1956
Delta R.T. 0.012 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Instrument :
MSVOA_Y
ClientSampleId :

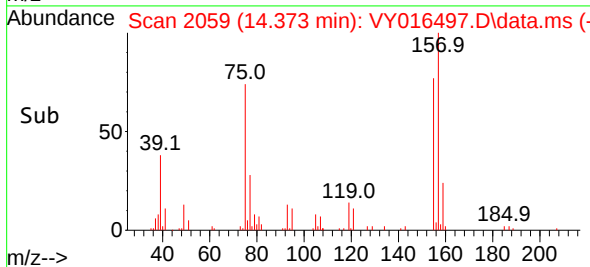
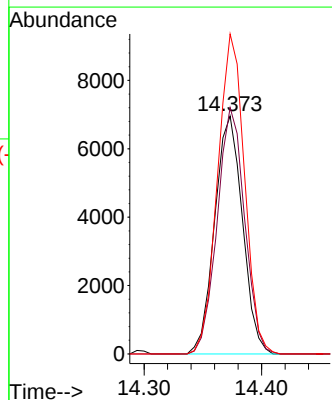
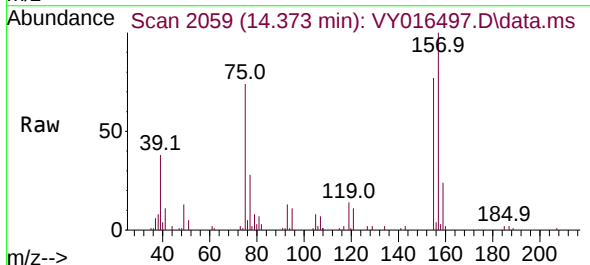


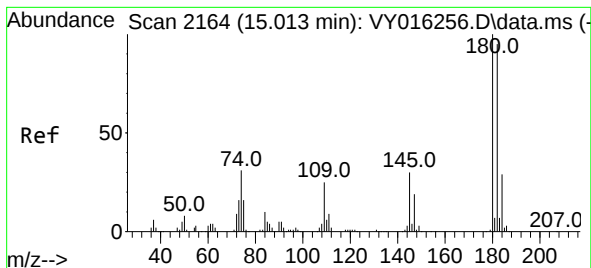
Tgt Ion:146 Resp: 163106
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.0
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.215 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016497.D
Acq: 24 Nov 2023 20:09

Tgt Ion: 75 Resp: 11411
Ion Ratio Lower Upper
75 100
155 102.3 41.5 124.6
157 130.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 58.392 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

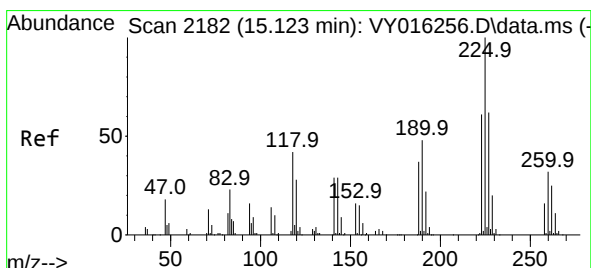
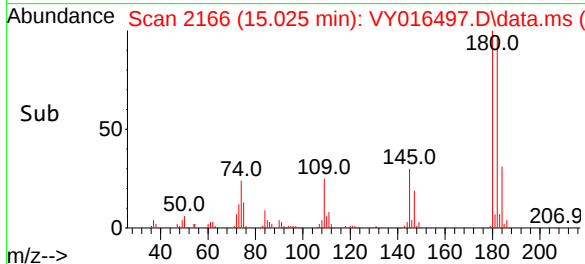
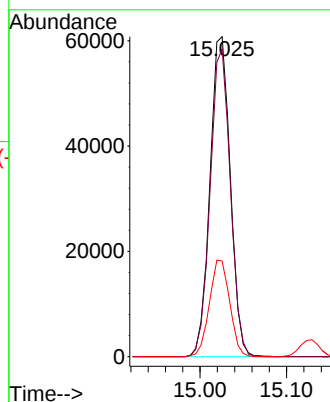
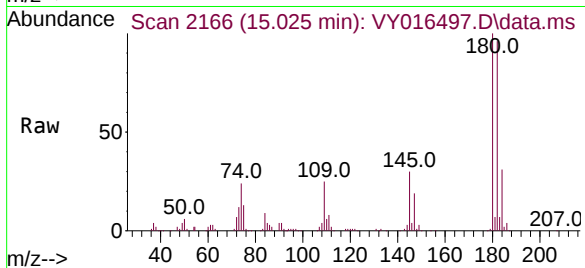
Tgt Ion:180 Resp: 99209

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 56.136 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

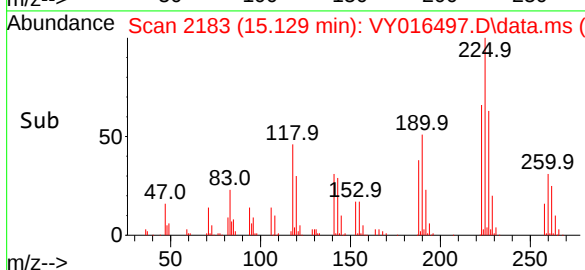
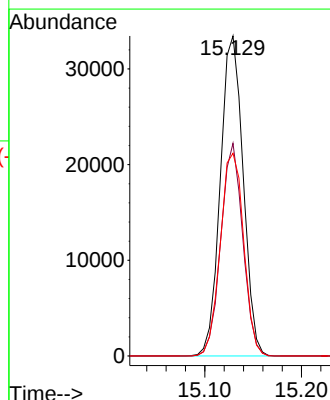
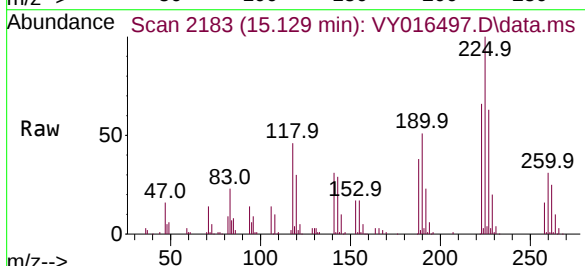
Tgt Ion:225 Resp: 54642

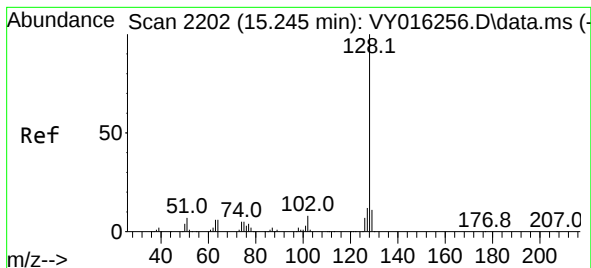
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 65.1 33.0 98.9





#95

Naphthalene

Concen: 64.039 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Instrument :

MSVOA_Y

ClientSampleId :

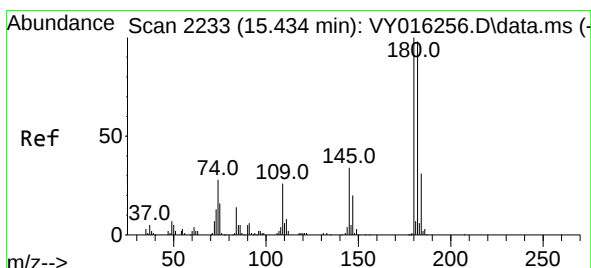
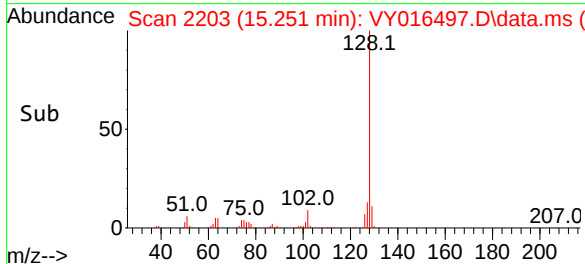
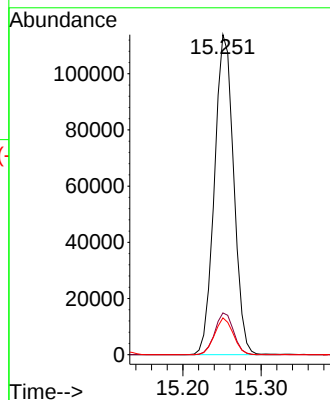
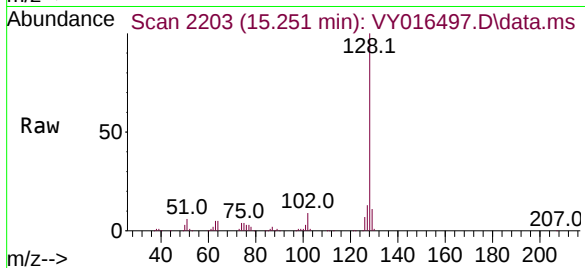
Tgt Ion:128 Resp: 194598

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 59.637 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016497.D

Acq: 24 Nov 2023 20:09

Tgt Ion:180 Resp: 83808

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 32.6 15.4 46.2

