

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
 Data File : VY021545.D
 Acq On : 17 Mar 2025 12:49
 Operator : SY/MD
 Sample : VY0317SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 01:26:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	209203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	320346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	284395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	146283	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114896	51.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.920%	
35) Dibromofluoromethane	7.634	113	108339	51.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.900%	
50) Toluene-d8	10.109	98	399912	50.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.408	95	137449	50.682	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.360%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	37082	19.316	ug/l	98
3) Chloromethane	2.068	50	53477	19.758	ug/l	100
4) Vinyl Chloride	2.202	62	62796	21.231	ug/l	98
5) Bromomethane	2.586	94	43503	20.350	ug/l	97
6) Chloroethane	2.733	64	45193	23.121	ug/l	98
7) Trichlorofluoromethane	3.056	101	100773	24.409	ug/l	98
8) Diethyl Ether	3.452	74	27395	23.944	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	50420	21.391	ug/l	99
10) Methyl Iodide	4.001	142	49997	20.867	ug/l	100
11) Tert butyl alcohol	4.848	59	22139	144.485	ug/l #	72
12) 1,1-Dichloroethene	3.787	96	44961	20.922	ug/l	94
13) Acrolein	3.653	56	15875	141.152	ug/l	93
14) Allyl chloride	4.379	41	71393	20.558	ug/l	99
15) Acrylonitrile	5.055	53	56534	116.078	ug/l	96
16) Acetone	3.866	43	80850	167.644	ug/l	92
17) Carbon Disulfide	4.104	76	126355	18.762	ug/l	98
18) Methyl Acetate	4.385	43	24489	22.885	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	117760	21.620	ug/l	96
20) Methylene Chloride	4.616	84	53421	21.102	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	47977	19.935	ug/l	97
22) Diisopropyl ether	6.019	45	158451	21.171	ug/l	97
23) Vinyl Acetate	5.958	43	459261	107.522	ug/l	100
24) 1,1-Dichloroethane	5.915	63	91270	20.662	ug/l	97
25) 2-Butanone	6.890	43	92278	138.321	ug/l	100
26) 2,2-Dichloropropane	6.884	77	84157	20.706	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	56414	20.634	ug/l	99
28) Bromochloromethane	7.244	49	38379	20.724	ug/l	99
29) Tetrahydrofuran	7.256	42	47999	116.545	ug/l	99
30) Chloroform	7.421	83	97771	21.316	ug/l	96
31) Cyclohexane	7.701	56	78880	19.048	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	87249	20.774	ug/l	99
36) 1,1-Dichloropropene	7.835	75	67987	20.627	ug/l	99
37) Ethyl Acetate	6.982	43	33708	23.138	ug/l	98
38) Carbon Tetrachloride	7.817	117	78935	20.823	ug/l	98
39) Methylcyclohexane	9.109	83	78157	19.331	ug/l	97
40) Benzene	8.079	78	203296	20.938	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	16991	21.420	ug/l #	92
42) 1,2-Dichloroethane	8.158	62	59580	21.935	ug/l	100
43) Isopropyl Acetate	8.195	43	62162	21.981	ug/l	98
44) Trichloroethene	8.866	130	51285	20.902	ug/l	99
45) 1,2-Dichloropropane	9.140	63	48890	21.157	ug/l	94
46) Dibromomethane	9.231	93	28568	22.218	ug/l	97
47) Bromodichloromethane	9.420	83	72821	21.326	ug/l	98
48) Methyl methacrylate	9.219	41	27932	21.509	ug/l	95
49) 1,4-Dioxane	9.231	88	6499	514.962	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	170370	116.758	ug/l	98
52) Toluene	10.170	92	126742	20.705	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	64374	21.398	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	76790	21.500	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	37559	22.331	ug/l	97
56) Ethyl methacrylate	10.438	69	46681	21.762	ug/l	99
57) 1,3-Dichloropropane	10.719	76	63718	21.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	115671	116.815	ug/l	99
59) 2-Hexanone	10.762	43	128877	133.573	ug/l	98
60) Dibromochloromethane	10.914	129	50969	22.105	ug/l	97
61) 1,2-Dibromoethane	11.018	107	34040	21.444	ug/l	98
64) Tetrachloroethene	10.646	164	56528	24.444	ug/l	95
65) Chlorobenzene	11.444	112	138094	20.562	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	49463	20.832	ug/l	98
67) Ethyl Benzene	11.518	91	236170	20.035	ug/l	100
68) m/p-Xylenes	11.627	106	182629	40.809	ug/l	100
69) o-Xylene	11.957	106	82830	20.082	ug/l	96
70) Styrene	11.969	104	140028	20.465	ug/l	99
71) Bromoform	12.133	173	29832	22.476	ug/l #	99
73) Isopropylbenzene	12.255	105	229585	19.924	ug/l	99
74) N-amyl acetate	12.072	43	52463	20.964	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	42965	21.129	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	56241	38.154	ug/l #	100
77) Bromobenzene	12.536	156	54044	20.047	ug/l	100
78) n-propylbenzene	12.597	91	278424	19.895	ug/l	100
79) 2-Chlorotoluene	12.682	91	158371	19.791	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	189235	20.208	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	13093	20.192	ug/l	98
82) 4-Chlorotoluene	12.780	91	166075	20.042	ug/l	100
83) tert-Butylbenzene	12.999	119	165804	19.848	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	187285	20.143	ug/l	99
85) sec-Butylbenzene	13.176	105	249213	20.050	ug/l	99
86) p-Isopropyltoluene	13.292	119	207009	20.216	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	107290	19.994	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	107122	20.412	ug/l	99
89) n-Butylbenzene	13.621	91	188538	19.939	ug/l	100
90) Hexachloroethane	13.883	117	43899	20.096	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	96554	20.993	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6381	20.949	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	50586	20.137	ug/l	97
94) Hexachlorobutadiene	15.029	225	33597	21.335	ug/l	98
95) Naphthalene	15.145	128	80499	20.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	43848	20.753	ug/l	99

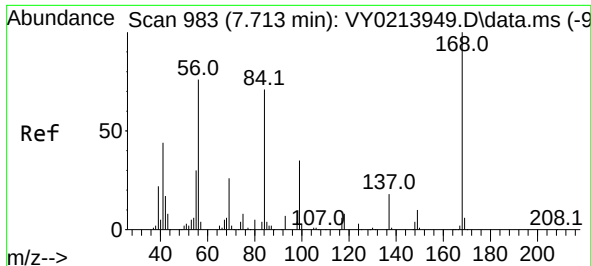
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031725\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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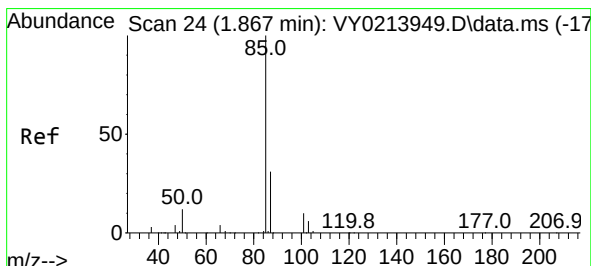
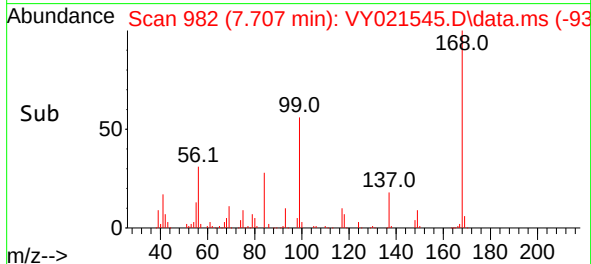
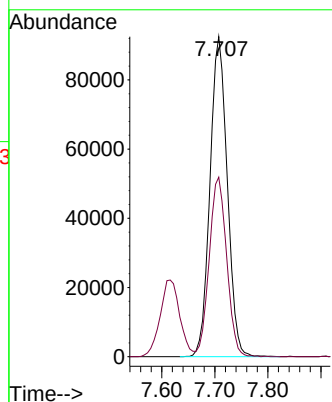
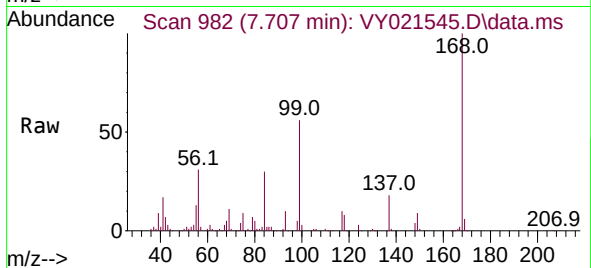
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

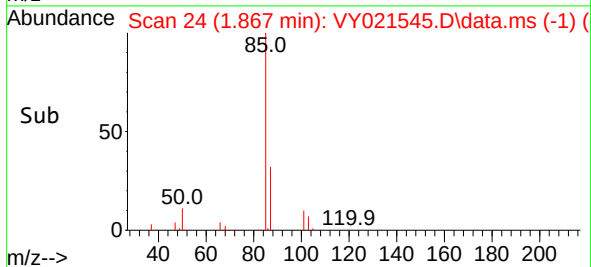
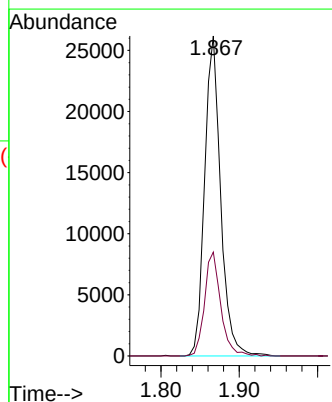
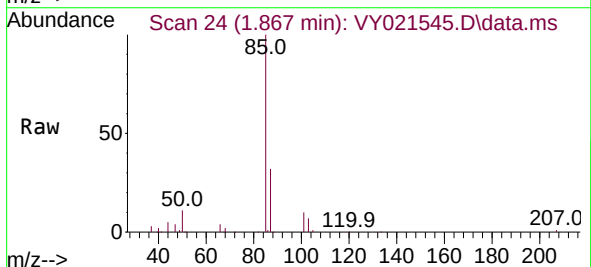
Instrument :
MSVOA_Y
ClientSampleId :

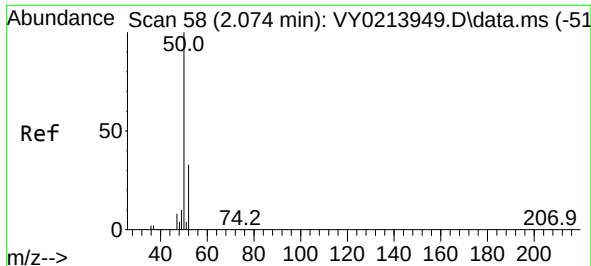
Tgt Ion:168 Resp: 209203
Ion Ratio Lower Upper
168 100
99 56.1 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 19.316 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 85 Resp: 37082
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0

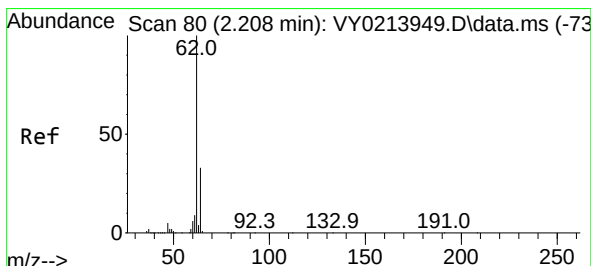
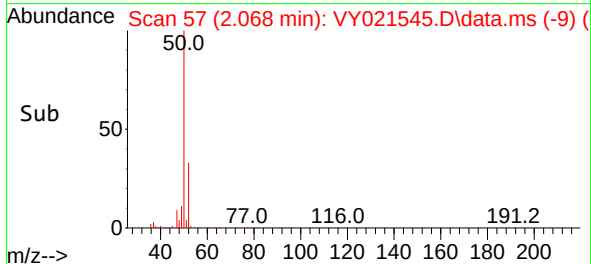
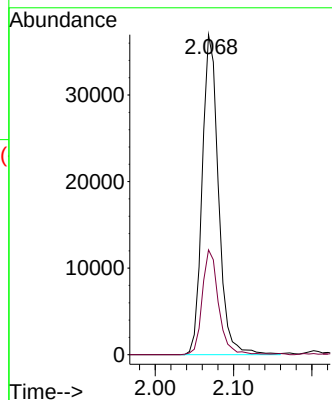
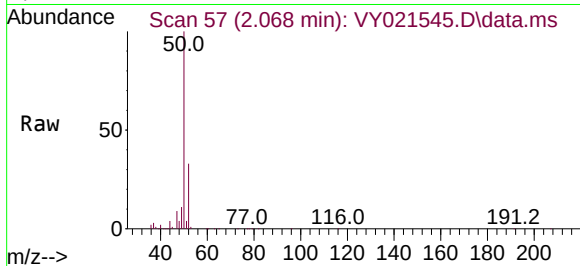




#3
Chloromethane
Concen: 19.758 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

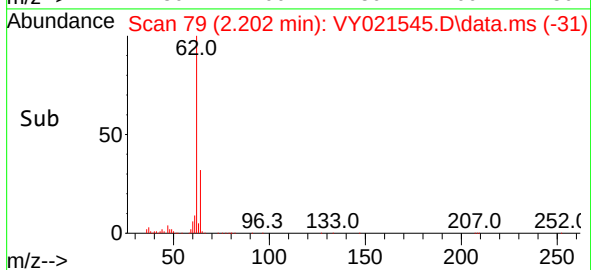
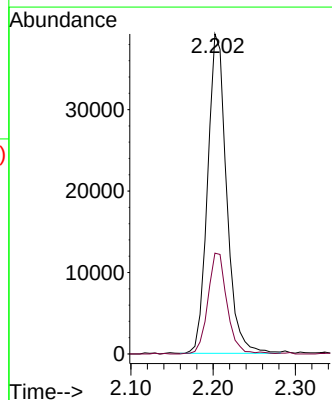
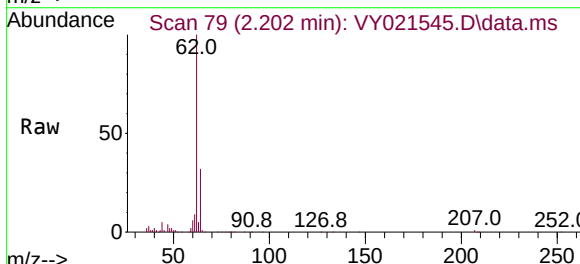
Instrument :
MSVOA_Y
ClientSampleId :

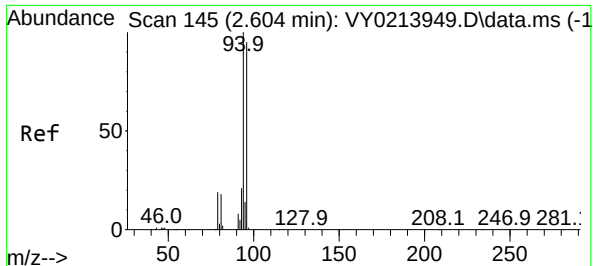
Tgt Ion: 50 Resp: 53477
Ion Ratio Lower Upper
50 100
52 32.8 26.2 39.2



#4
Vinyl Chloride
Concen: 21.231 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 62 Resp: 62796
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

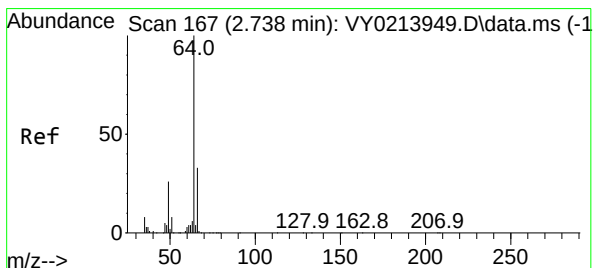
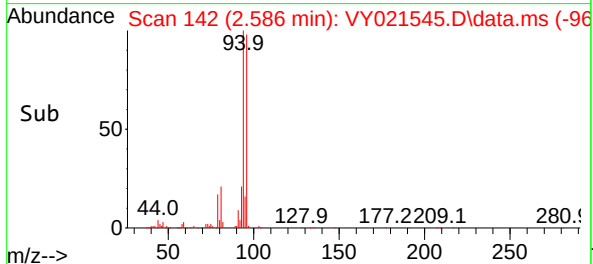
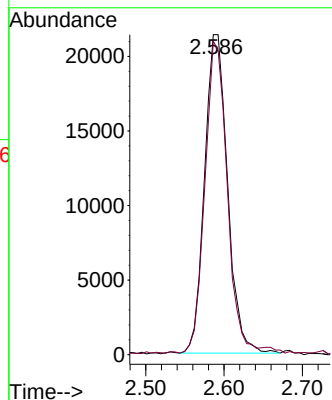
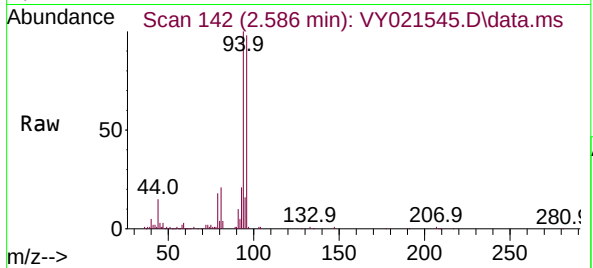




#5
Bromomethane
Concen: 20.350 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

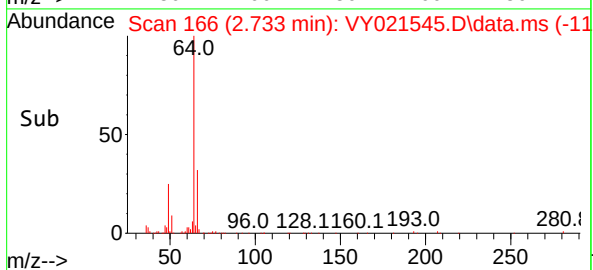
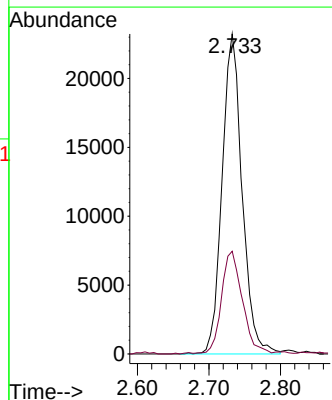
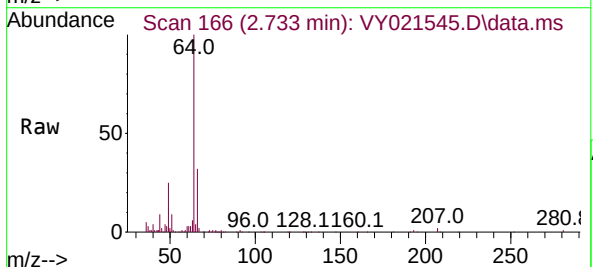
Instrument :
MSVOA_Y
ClientSampleId :

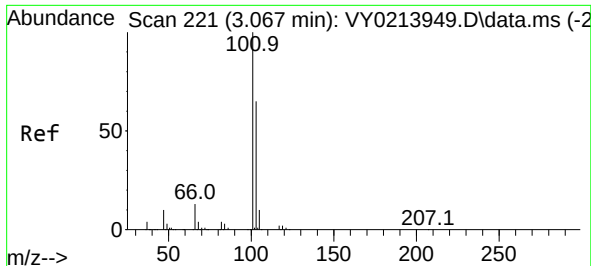
Tgt Ion: 94 Resp: 43503
Ion Ratio Lower Upper
94 100
96 98.0 76.3 114.5



#6
Chloroethane
Concen: 23.121 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 64 Resp: 45193
Ion Ratio Lower Upper
64 100
66 32.1 26.7 40.1

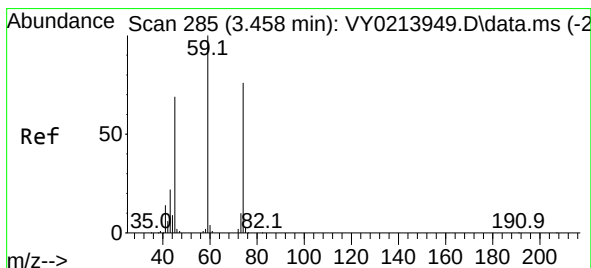
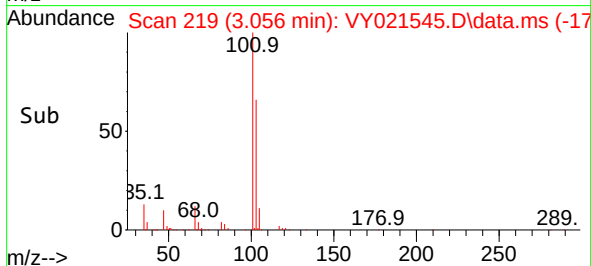
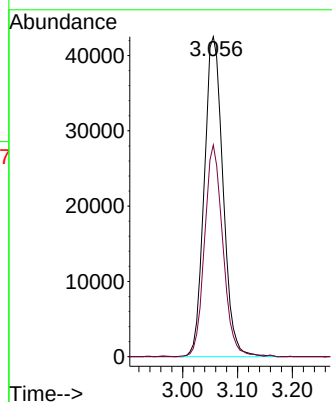
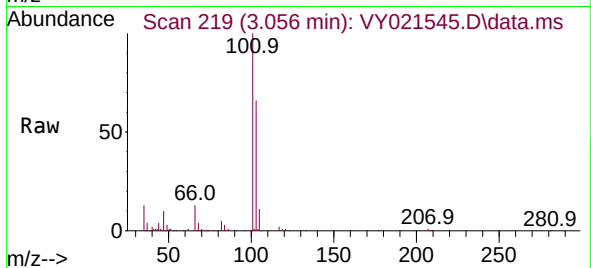




#7
 Trichlorofluoromethane
 Concen: 24.409 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

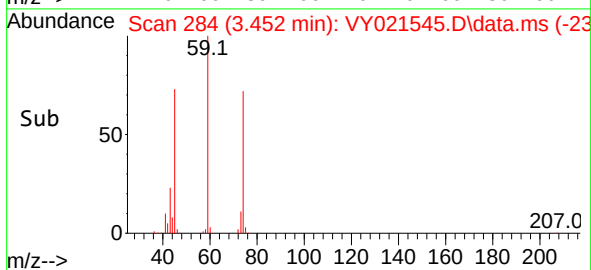
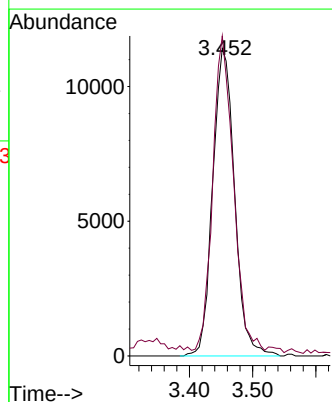
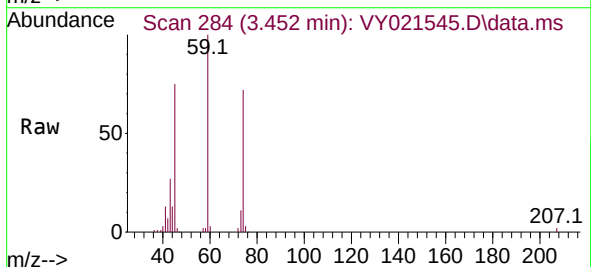
Instrument :
 MSVOA_Y
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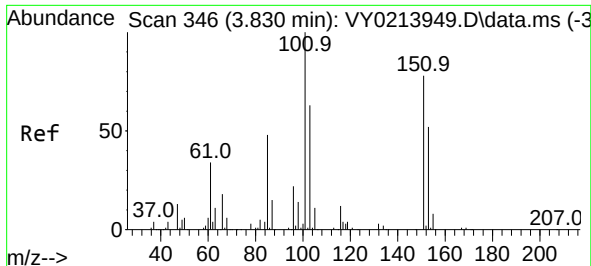
Tgt Ion:101 Resp: 100773
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.7 77.5



#8
 Diethyl Ether
 Concen: 23.944 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

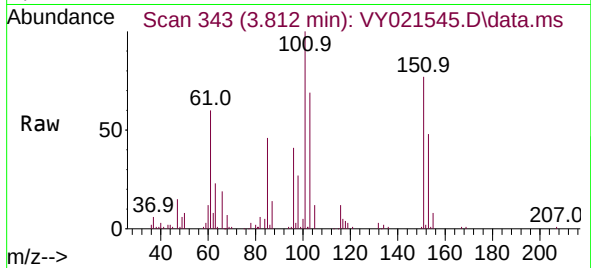
Tgt Ion: 74 Resp: 27395
 Ion Ratio Lower Upper
 74 100
 45 96.1 49.7 149.1



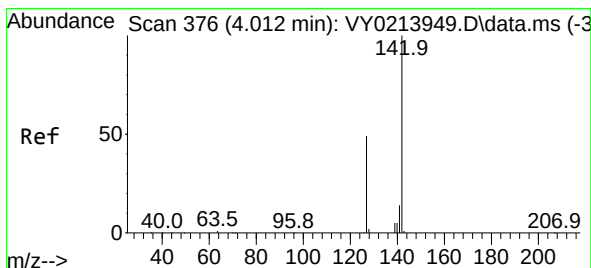
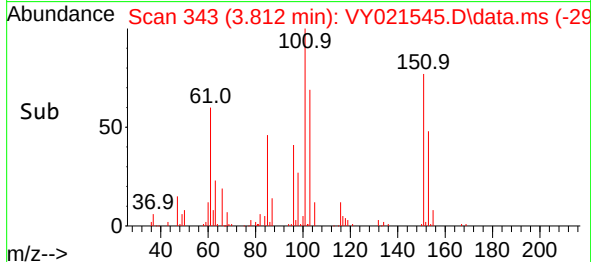
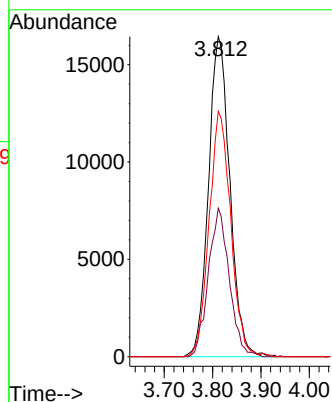


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.391 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY021545.D
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ClientSampleId :

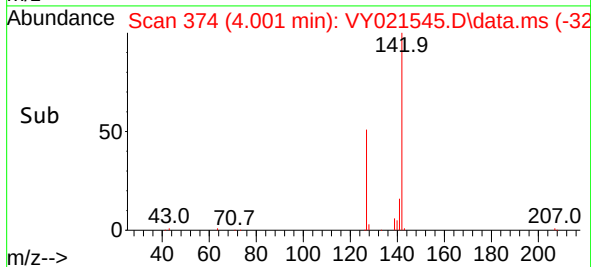
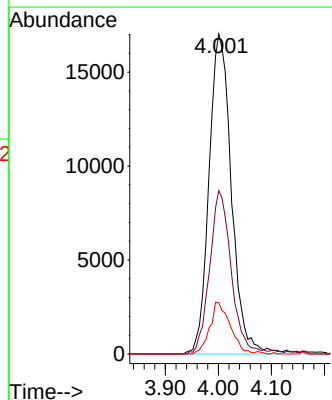
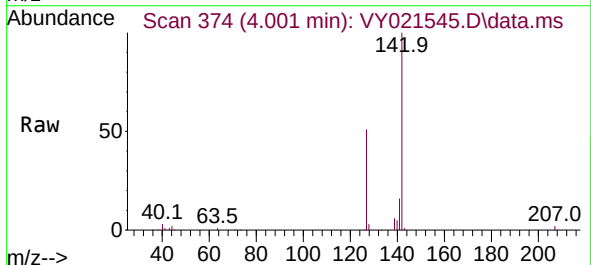


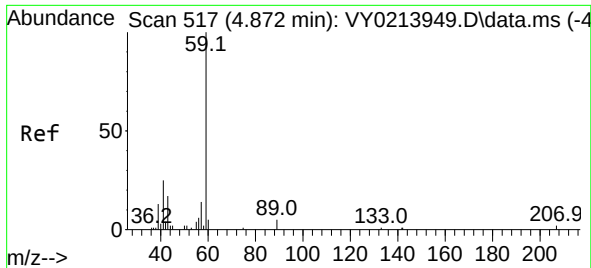
Tgt Ion:101 Resp: 50420
Ion Ratio Lower Upper
101 100
85 45.5 37.1 55.7
151 77.4 62.1 93.1



#10
Methyl Iodide
Concen: 20.867 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion:142 Resp: 49997
Ion Ratio Lower Upper
142 100
127 49.2 39.1 58.7
141 14.7 11.8 17.6

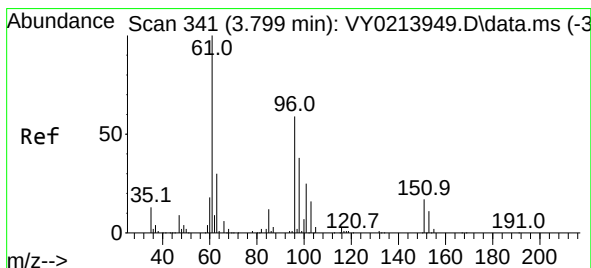
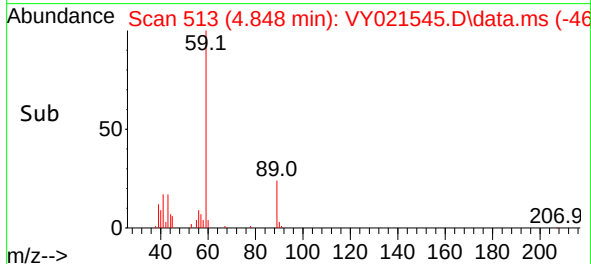
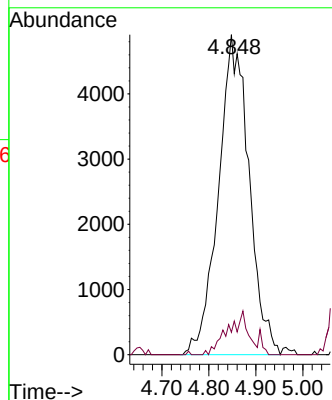
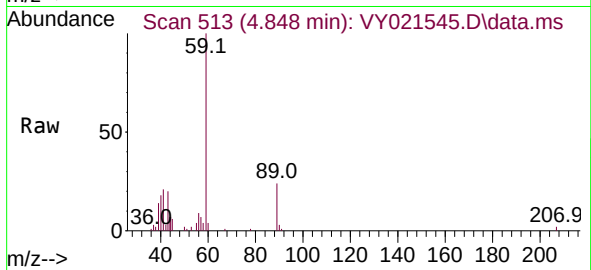




#11
Tert butyl alcohol
Concen: 144.485 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

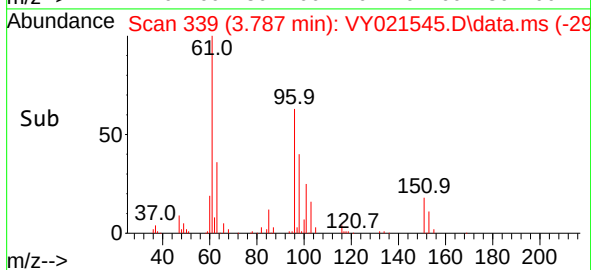
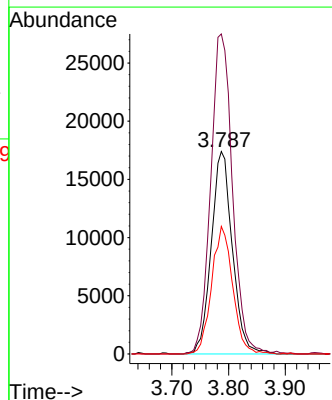
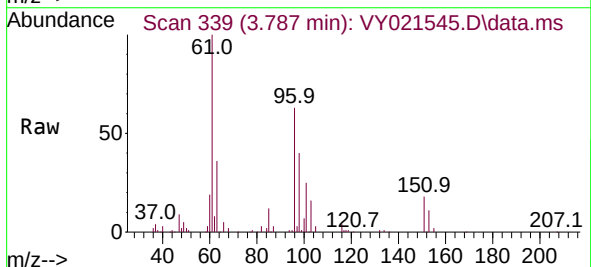
Instrument :
MSVOA_Y
ClientSampleId :

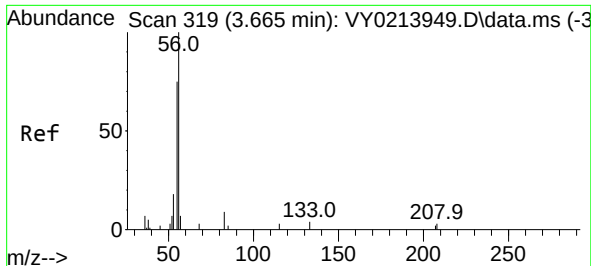
Tgt Ion: 59 Resp: 22139
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 20.922 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

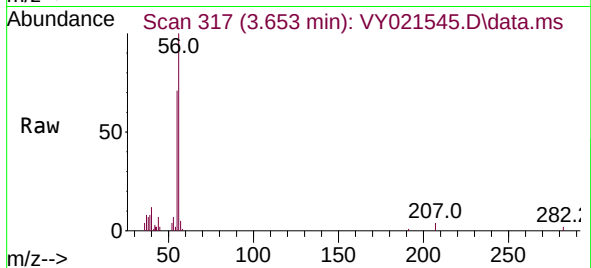
Tgt Ion: 96 Resp: 44961
Ion Ratio Lower Upper
96 100
61 158.1 135.2 202.8
98 63.0 51.4 77.2



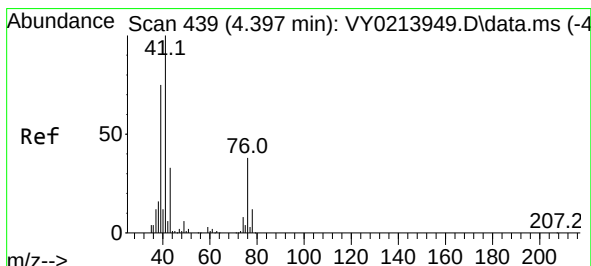
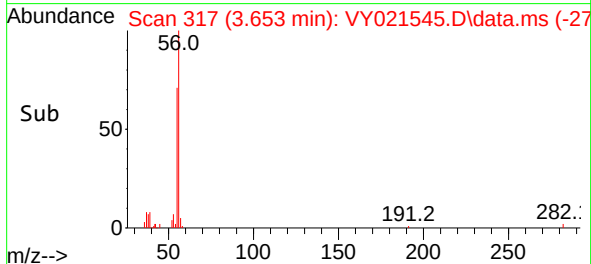
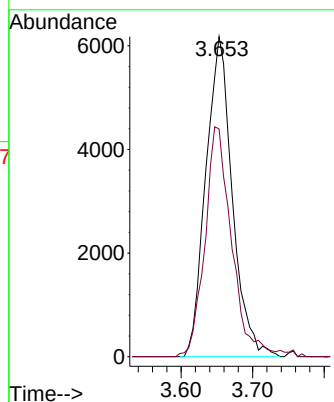


#13
Acrolein
Concen: 141.152 ug/l
RT: 3.653 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :

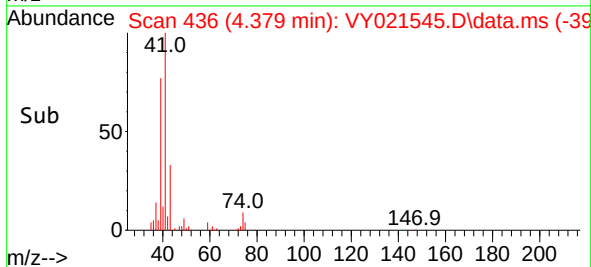
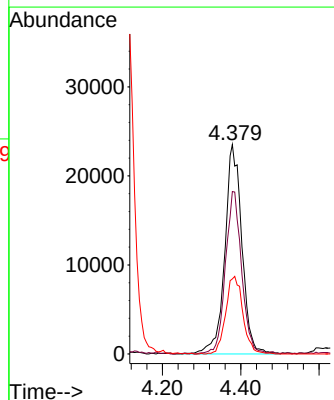
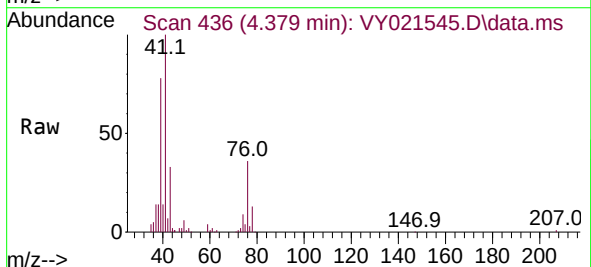


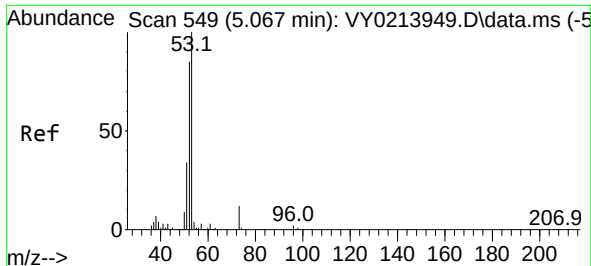
Tgt Ion: 56 Resp: 15875
Ion Ratio Lower Upper
56 100
55 73.2 63.4 95.2



#14
Allyl chloride
Concen: 20.558 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

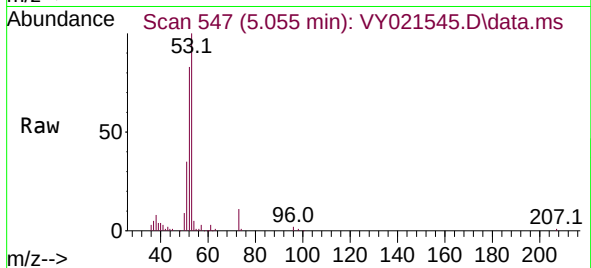
Tgt Ion: 41 Resp: 71393
Ion Ratio Lower Upper
41 100
39 73.5 59.3 88.9
76 37.2 29.8 44.8



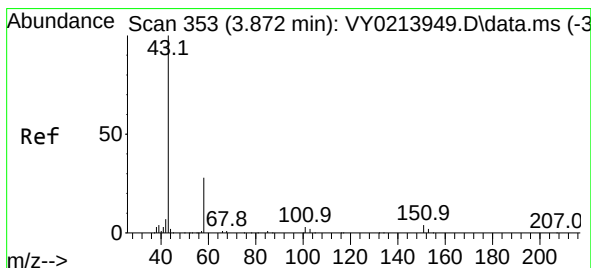
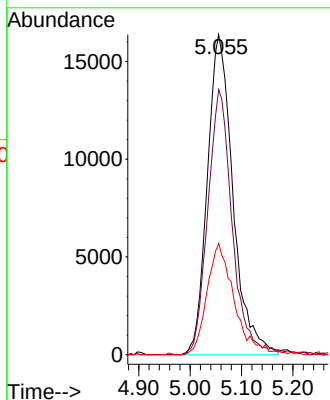
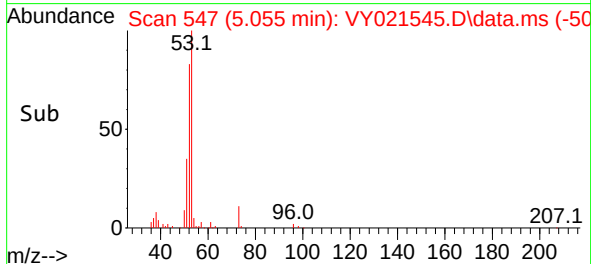


#15
Acrylonitrile
Concen: 116.078 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

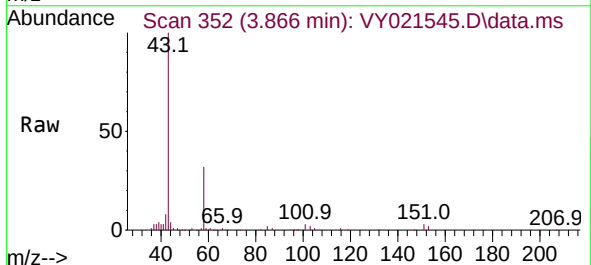
Instrument :
MSVOA_Y
ClientSampleId :



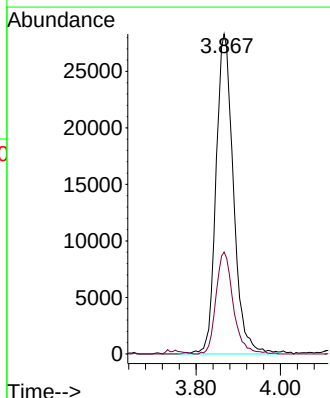
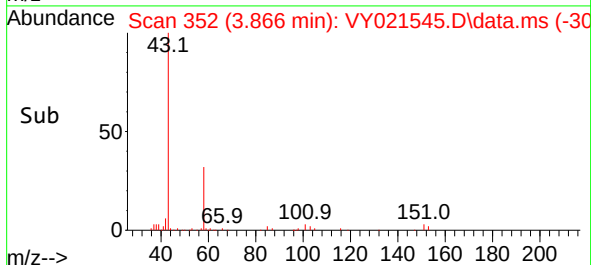
Tgt Ion: 53 Resp: 56534
Ion Ratio Lower Upper
53 100
52 78.8 66.3 99.5
51 36.6 30.3 45.5

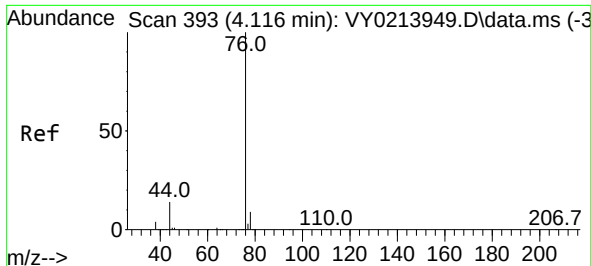


#16
Acetone
Concen: 167.644 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49



Tgt Ion: 43 Resp: 80850
Ion Ratio Lower Upper
43 100
58 31.8 22.1 33.1





#17

Carbon Disulfide

Concen: 18.762 ug/l

RT: 4.104 min Scan# 391

Delta R.T. -0.012 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

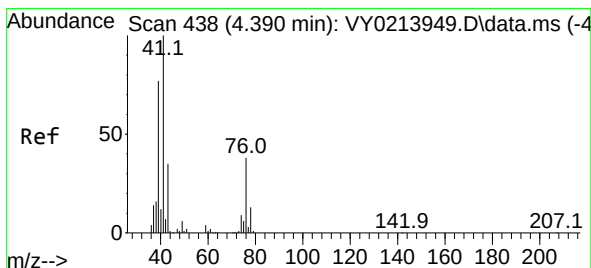
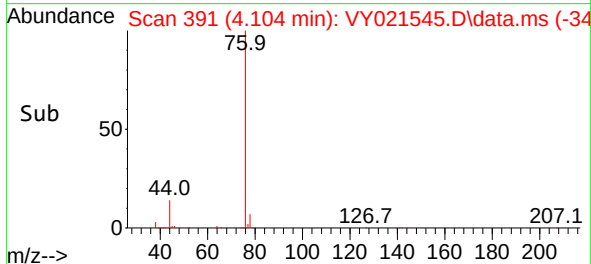
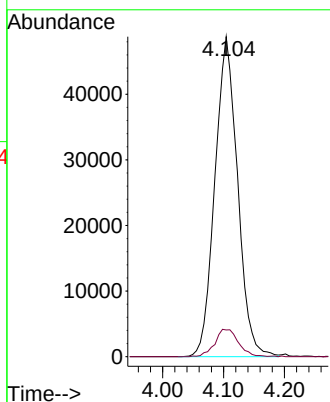
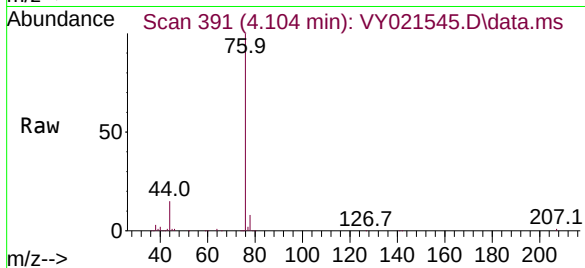
ClientSampleId :

Tgt Ion: 76 Resp: 126355

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0



#18

Methyl Acetate

Concen: 22.885 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY021545.D

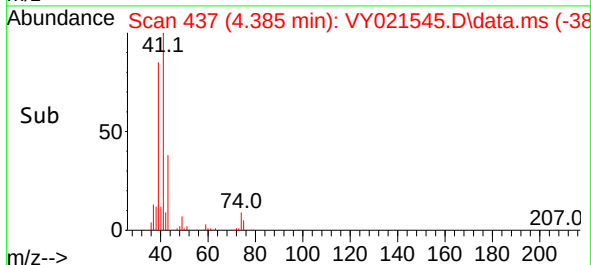
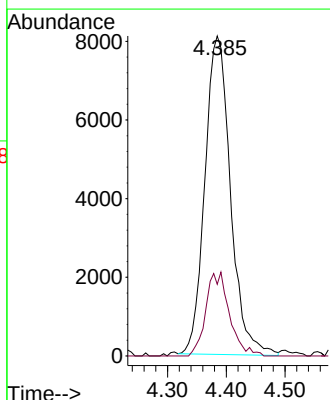
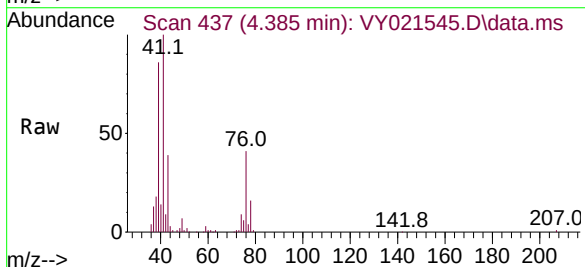
Acq: 17 Mar 2025 12:49

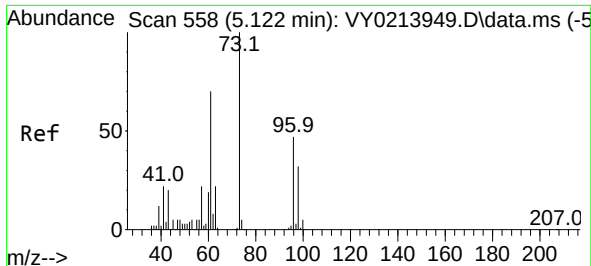
Tgt Ion: 43 Resp: 24489

Ion Ratio Lower Upper

43 100

74 24.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 21.620 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

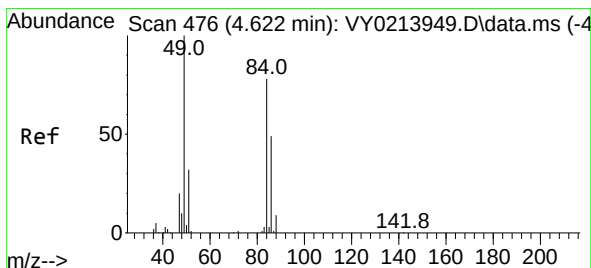
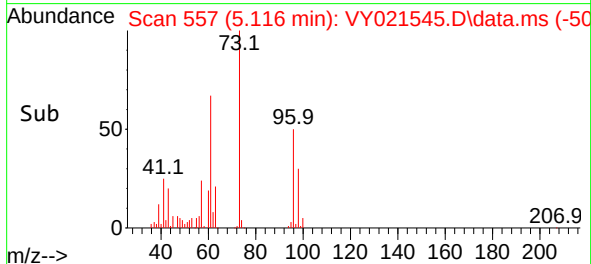
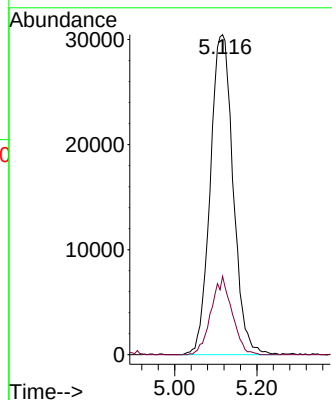
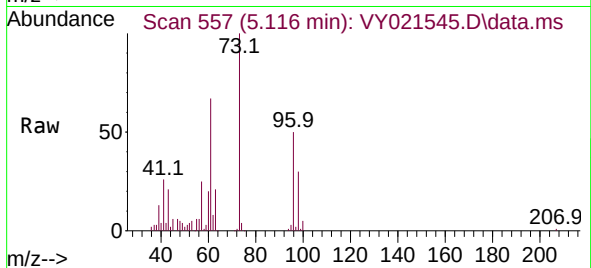
ClientSampleId :

Tgt Ion: 73 Resp: 117760

Ion Ratio Lower Upper

73 100

57 24.5 17.9 26.9



#20

Methylene Chloride

Concen: 21.102 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Tgt Ion: 84 Resp: 53421

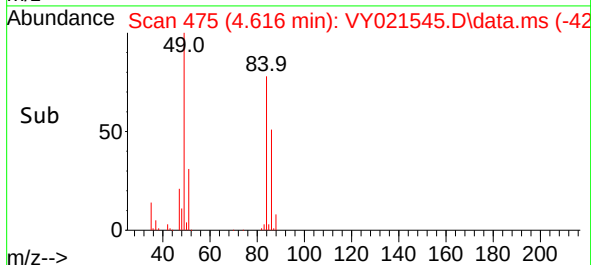
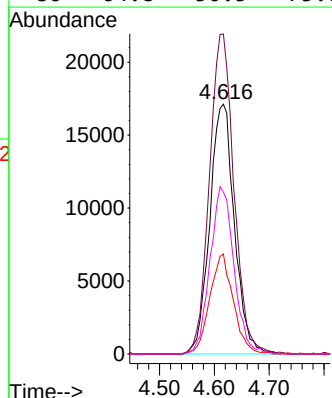
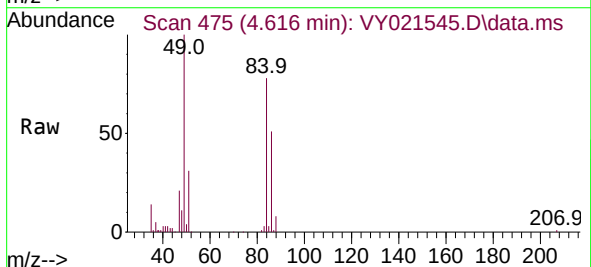
Ion Ratio Lower Upper

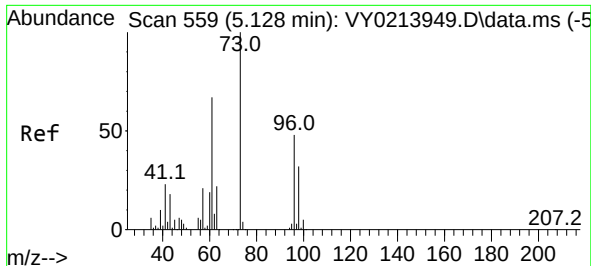
84 100

49 128.1 102.0 153.0

51 40.0 33.0 49.6

86 64.8 50.5 75.7

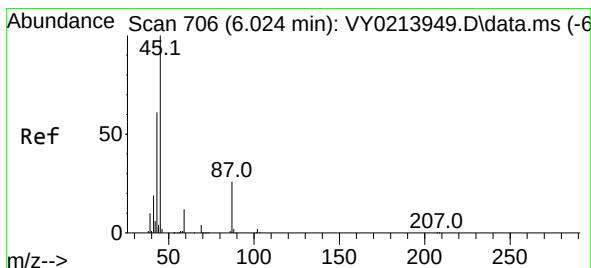
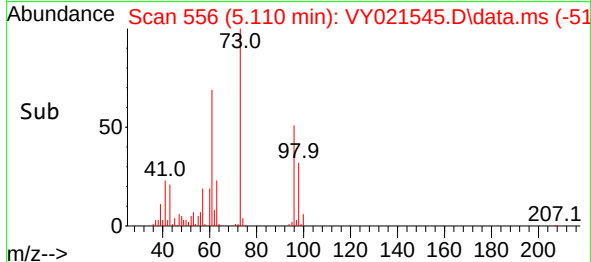
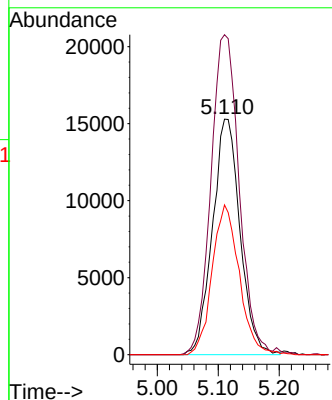
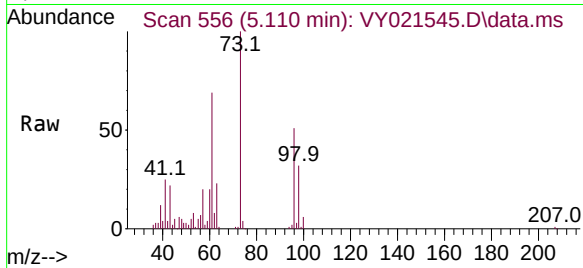




#21
trans-1,2-Dichloroethene
Concen: 19.935 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.018 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

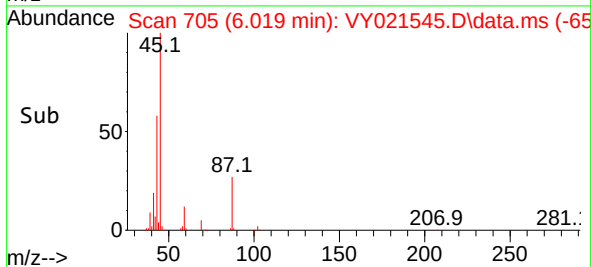
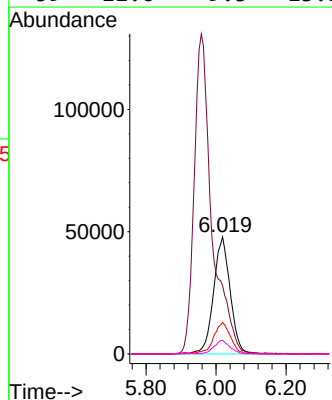
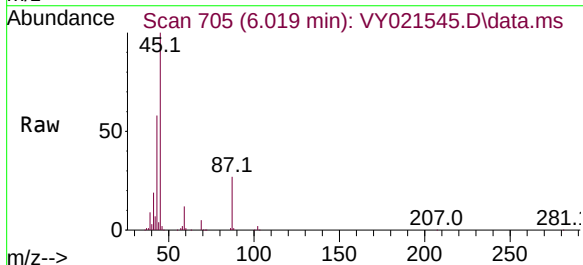
Instrument :
MSVOA_Y
ClientSampleId :

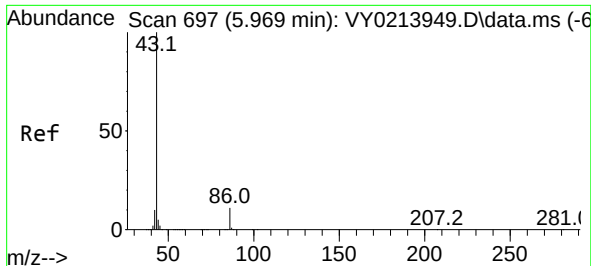
Tgt Ion: 96 Resp: 47977
Ion Ratio Lower Upper
96 100
61 135.9 111.5 167.3
98 63.6 53.8 80.8



#22
Diisopropyl ether
Concen: 21.171 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 45 Resp: 158451
Ion Ratio Lower Upper
45 100
43 57.9 48.7 73.1
87 27.0 21.5 32.3
59 11.6 9.3 13.9





#23

Vinyl Acetate

Concen: 107.522 ug/l

RT: 5.958 min Scan# 697

Delta R.T. -0.012 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

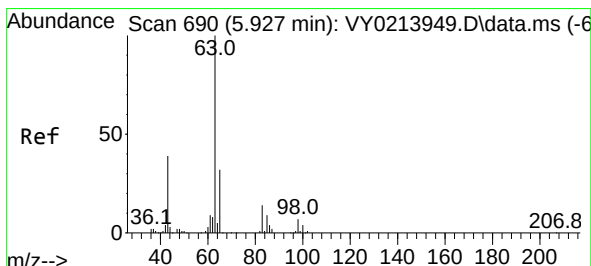
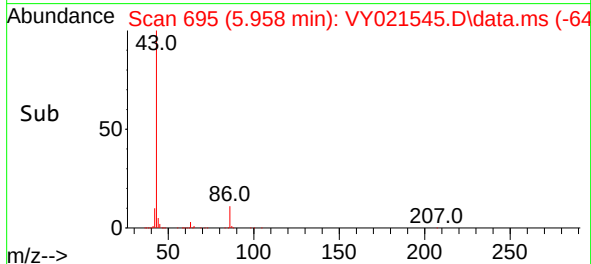
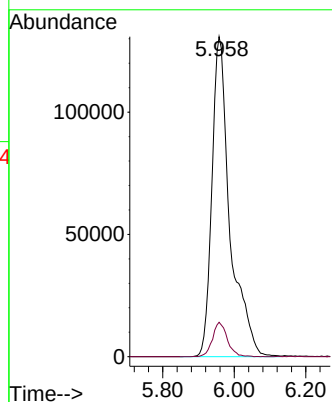
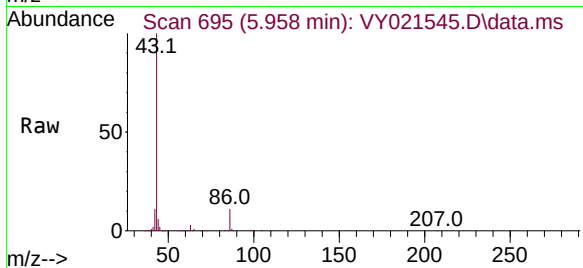
ClientSampleId :

Tgt Ion: 43 Resp: 459261

Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7



#24

1,1-Dichloroethane

Concen: 20.662 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.012 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

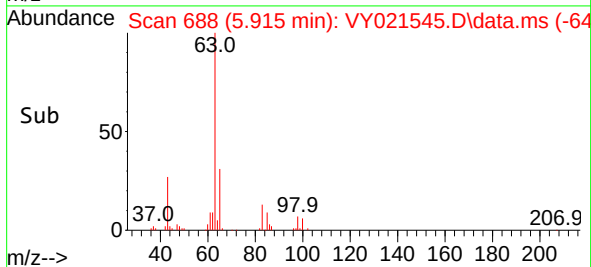
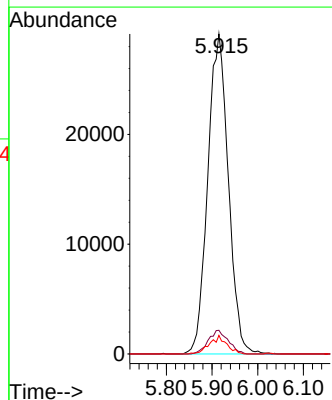
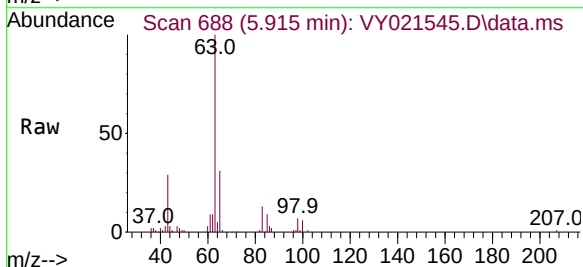
Tgt Ion: 63 Resp: 91270

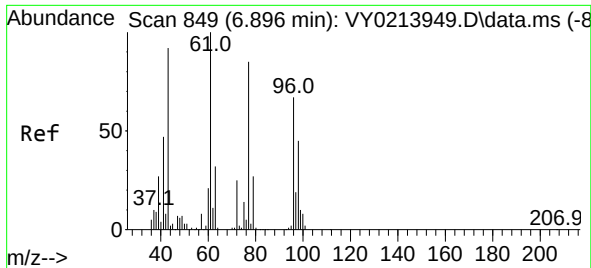
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.9

100 5.8 2.1 6.5

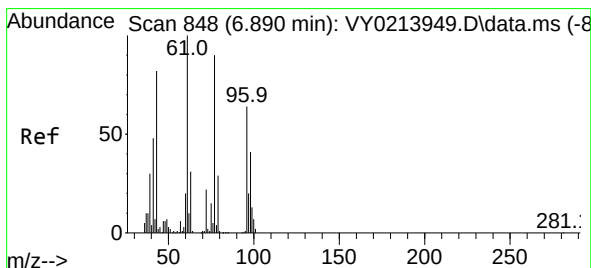
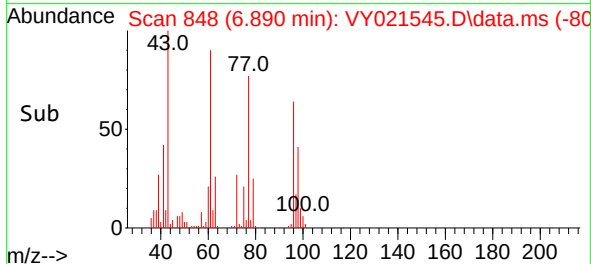
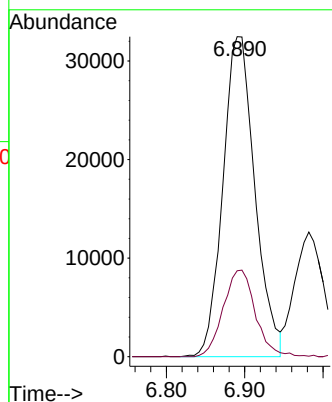
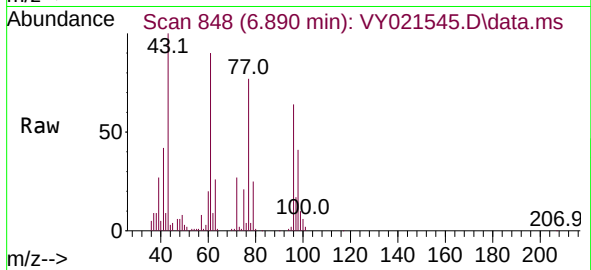




#25
2-Butanone
Concen: 138.321 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

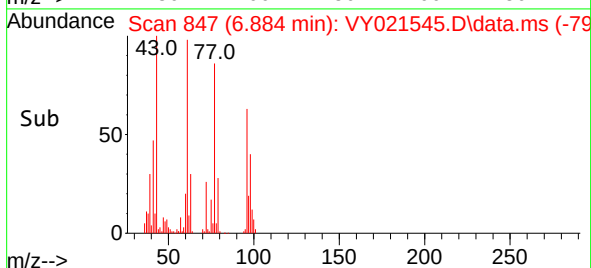
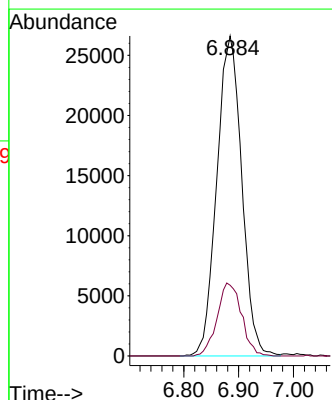
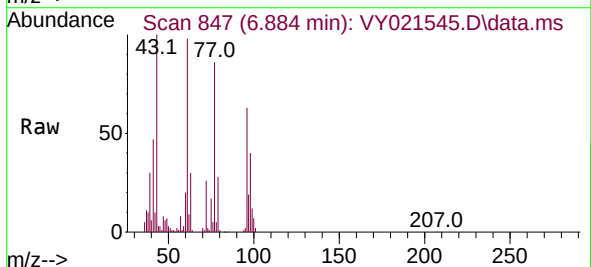
Instrument :
MSVOA_Y
ClientSampleId :

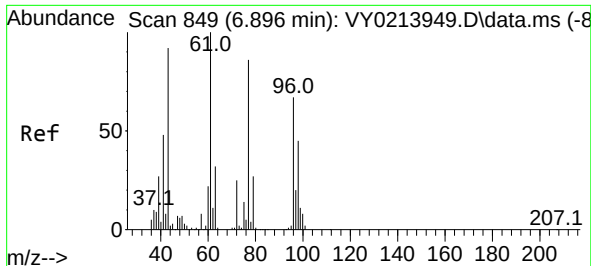
Tgt Ion: 43 Resp: 92278
Ion Ratio Lower Upper
43 100
72 26.9 21.4 32.0



#26
2,2-Dichloropropane
Concen: 20.706 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 77 Resp: 84157
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.634 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

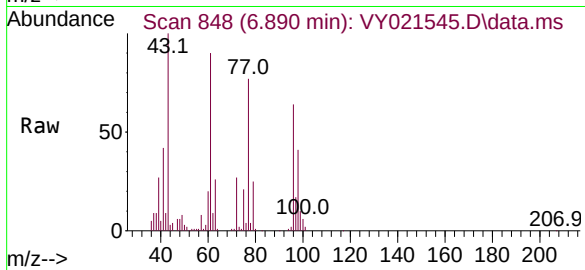
Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :



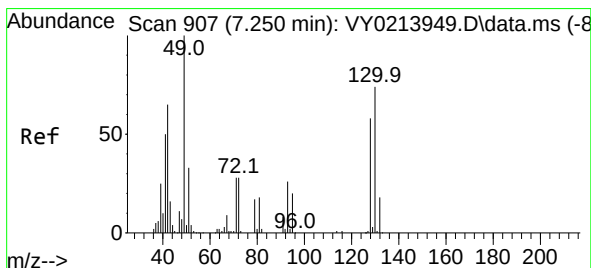
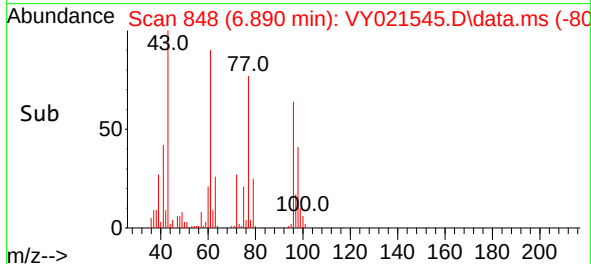
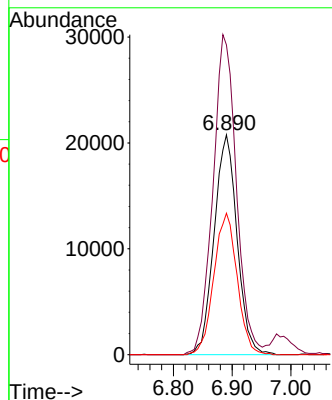
Tgt Ion: 96 Resp: 56414

Ion Ratio Lower Upper

96 100

61 148.4 0.0 300.8

98 65.3 0.0 130.0



#28

Bromochloromethane

Concen: 20.724 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

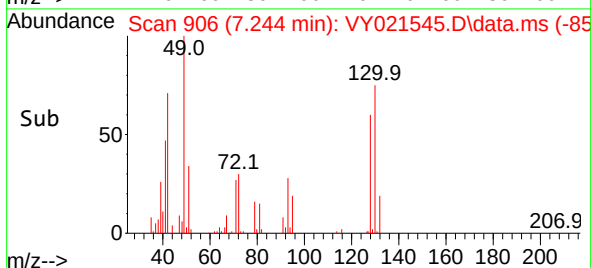
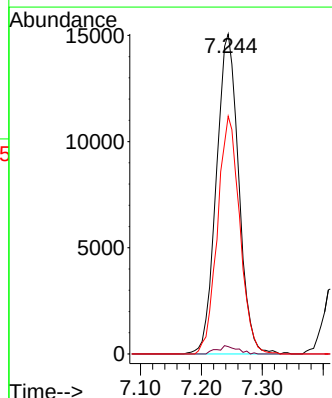
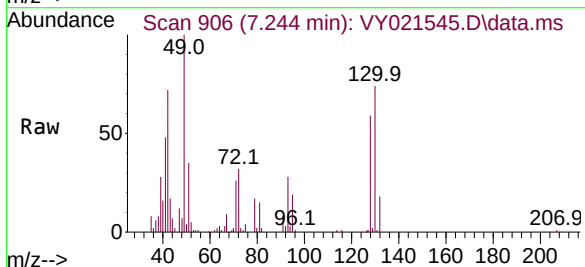
Tgt Ion: 49 Resp: 38379

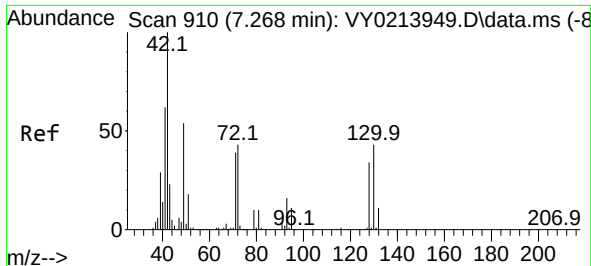
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 73.9 59.6 89.4





#29

Tetrahydrofuran

Concen: 116.545 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

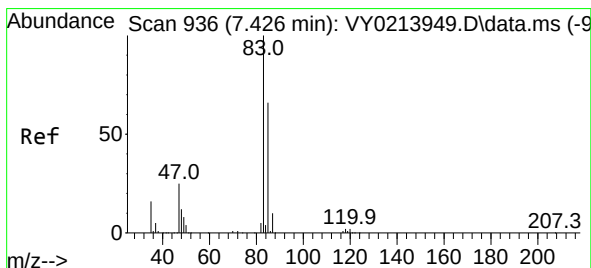
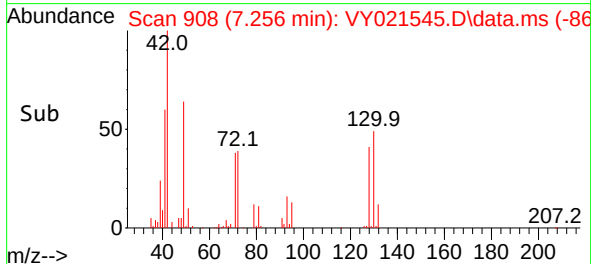
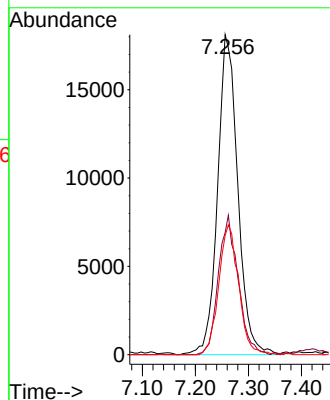
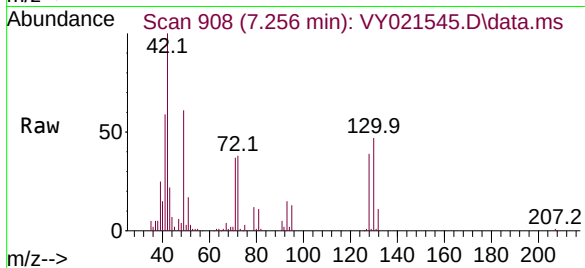
Tgt Ion: 42 Resp: 47999

Ion Ratio Lower Upper

42 100

72 42.5 34.8 52.2

71 39.9 32.6 48.8



#30

Chloroform

Concen: 21.316 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021545.D

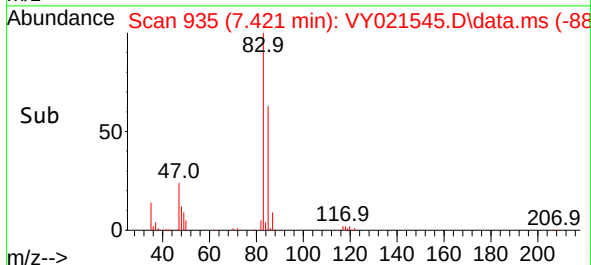
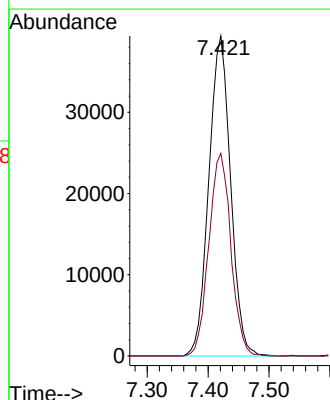
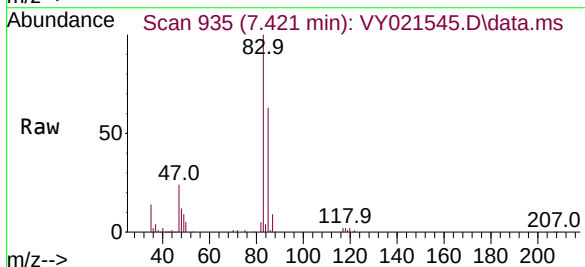
Acq: 17 Mar 2025 12:49

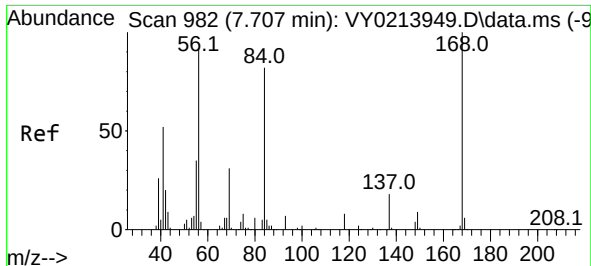
Tgt Ion: 83 Resp: 97771

Ion Ratio Lower Upper

83 100

85 63.3 53.1 79.7





#31

Cyclohexane

Concen: 19.048 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

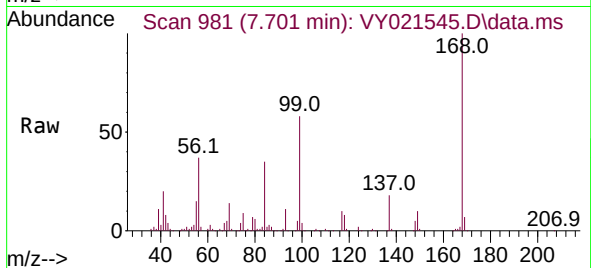
Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :



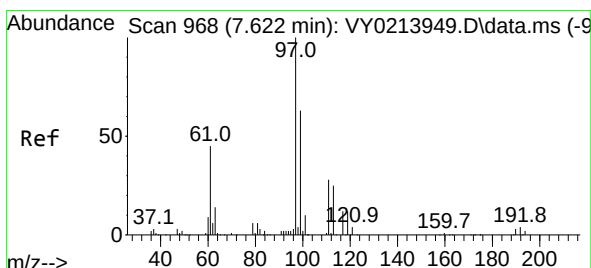
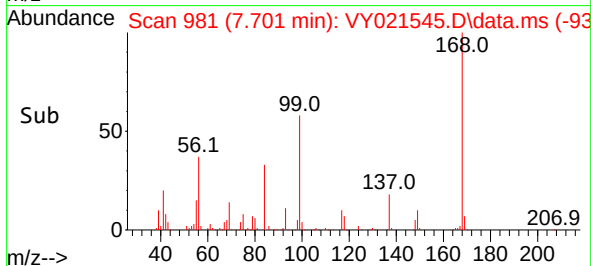
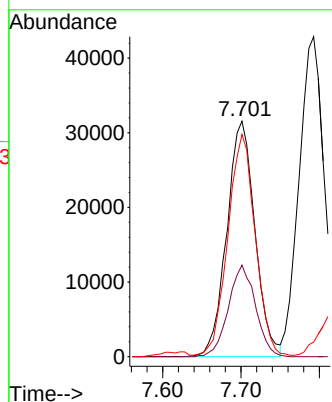
Tgt Ion: 56 Resp: 78880

Ion Ratio Lower Upper

56 100

69 38.8 27.0 40.4

84 93.0 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 20.774 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

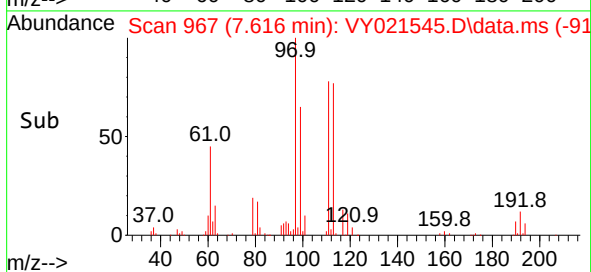
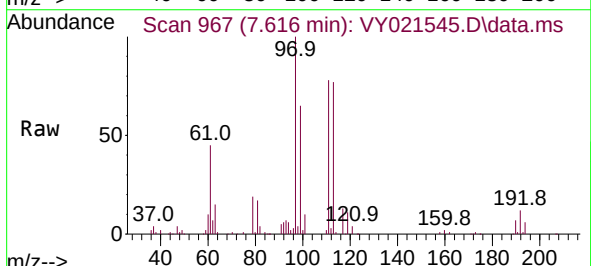
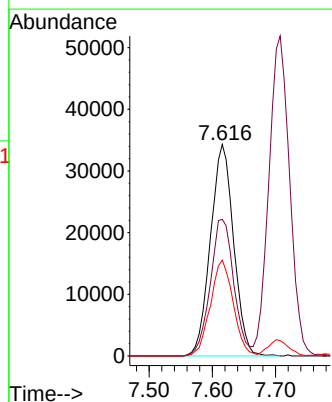
Tgt Ion: 97 Resp: 87249

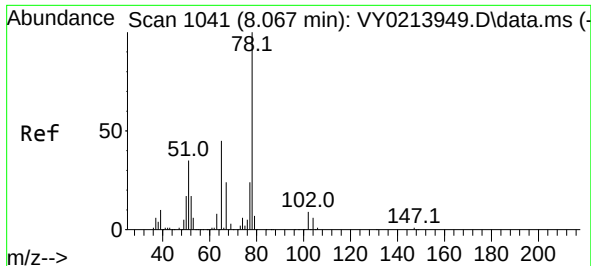
Ion Ratio Lower Upper

97 100

99 65.9 51.7 77.5

61 44.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 51.962 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

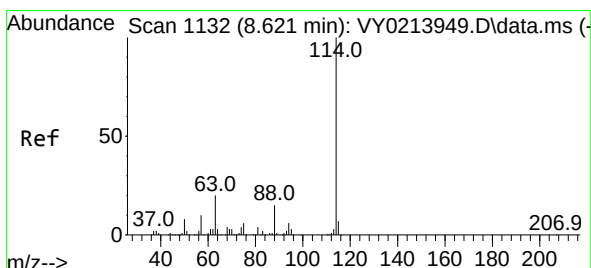
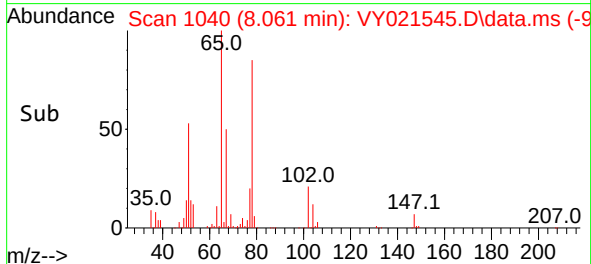
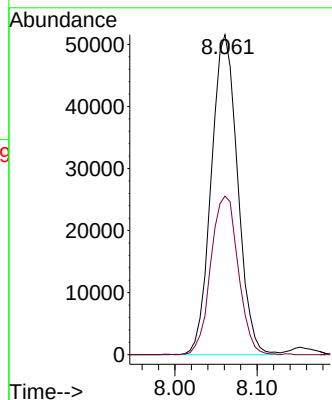
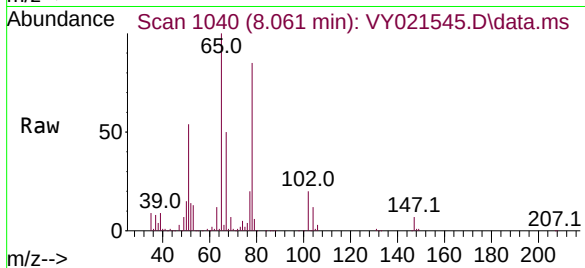
ClientSampleId :

Tgt Ion: 65 Resp: 114896

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

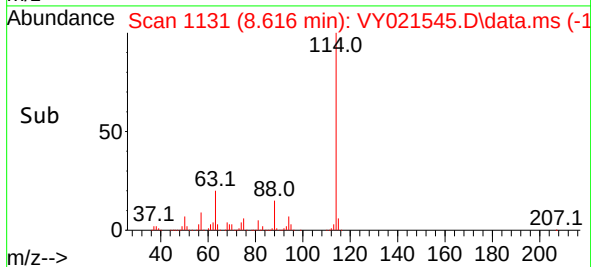
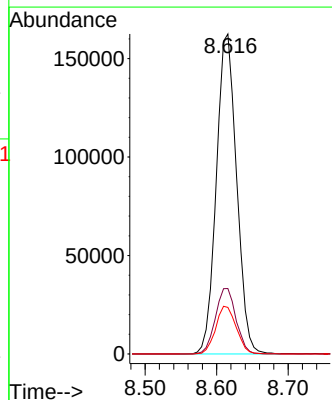
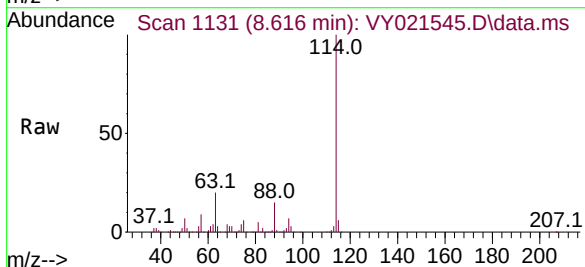
Tgt Ion: 114 Resp: 320346

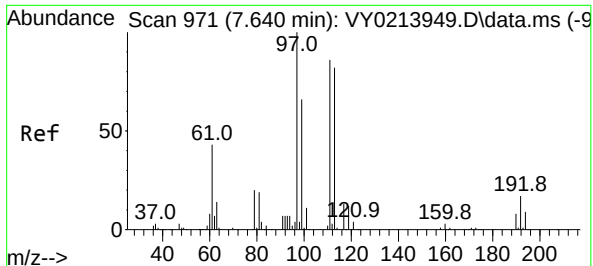
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 14.5 0.0 30.8

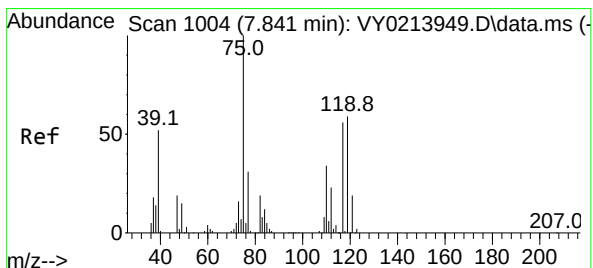
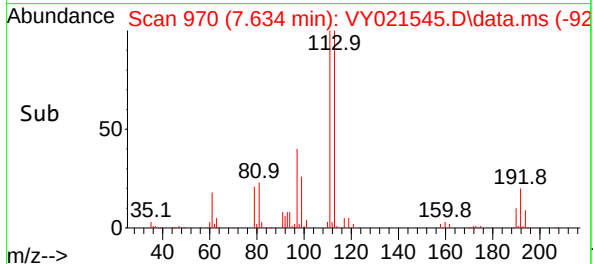
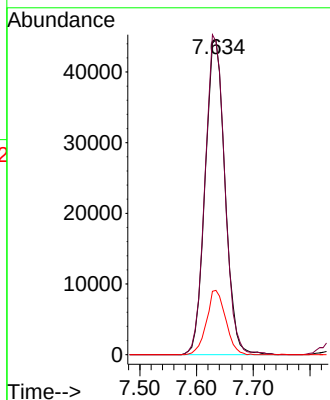
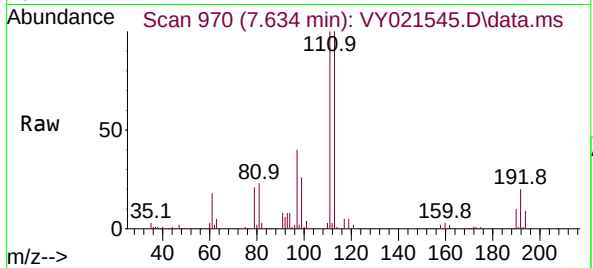




#35
Dibromofluoromethane
Concen: 51.451 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

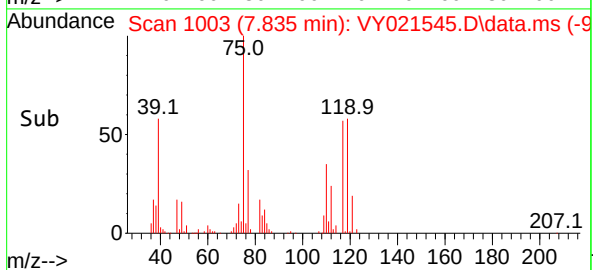
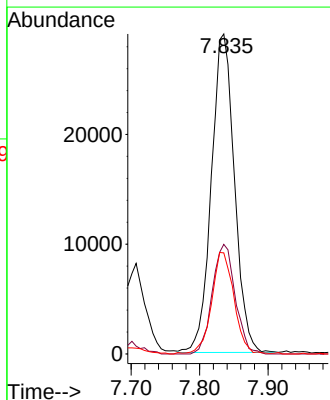
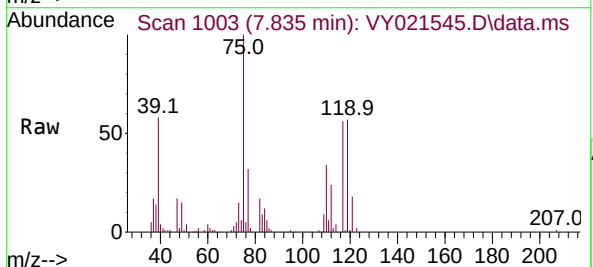
Instrument :
MSVOA_Y
ClientSampleId :

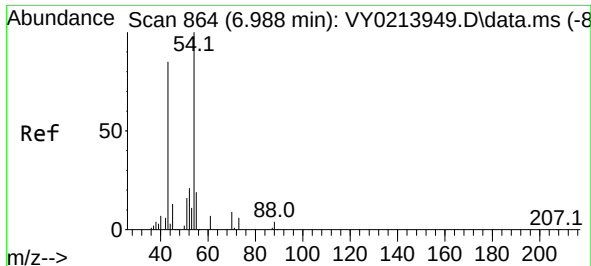
Tgt Ion:113 Resp: 108339
Ion Ratio Lower Upper
113 100
111 101.0 82.0 123.0
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.627 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 75 Resp: 67987
Ion Ratio Lower Upper
75 100
110 34.1 17.3 51.7
77 30.9 25.4 38.2





#37

Ethyl Acetate

Concen: 23.138 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

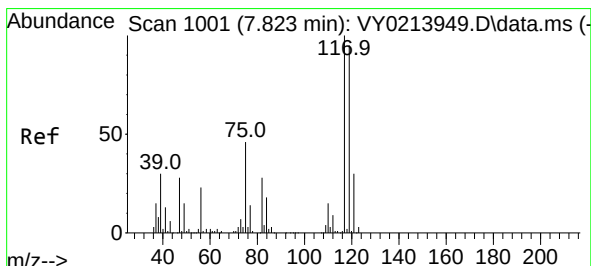
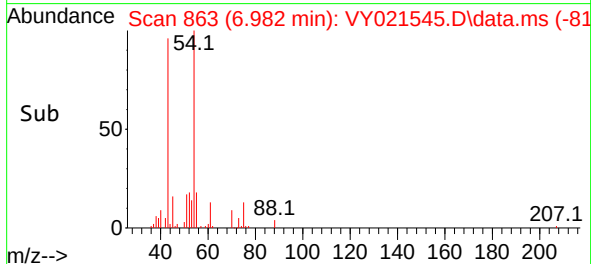
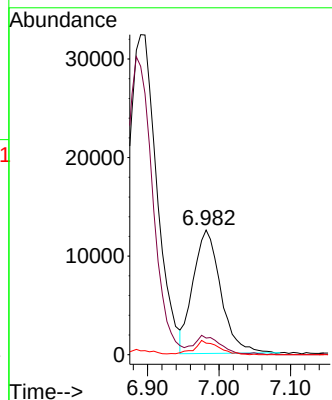
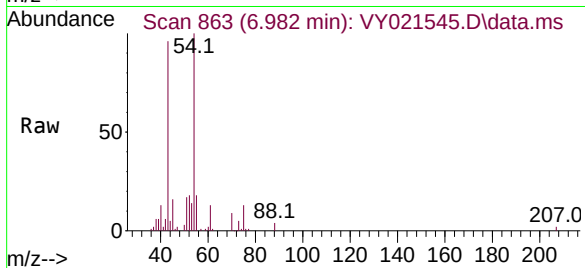
Tgt Ion: 43 Resp: 33708

Ion Ratio Lower Upper

43 100

61 13.0 11.4 17.0

70 10.1 8.2 12.2



#38

Carbon Tetrachloride

Concen: 20.823 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

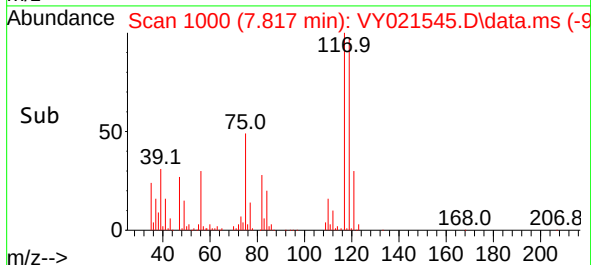
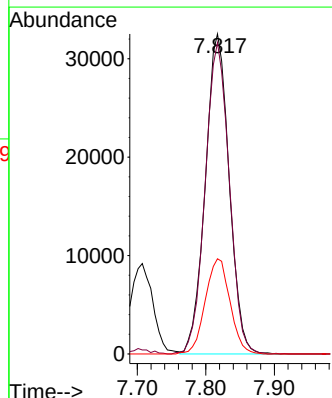
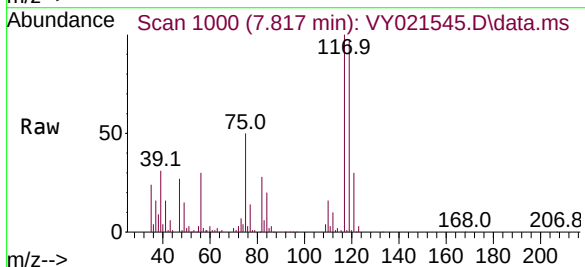
Tgt Ion: 117 Resp: 78935

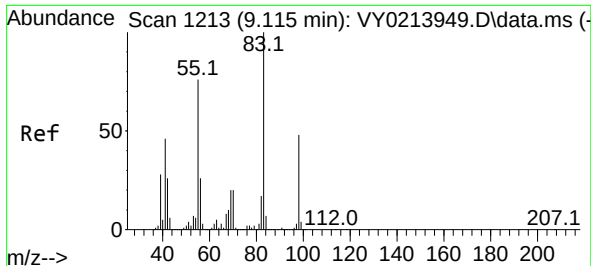
Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.8

121 29.8 23.9 35.9





#39

Methylcyclohexane

Concen: 19.331 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

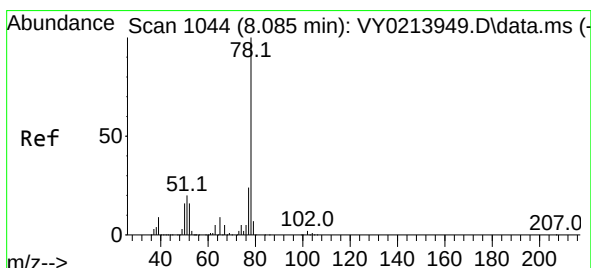
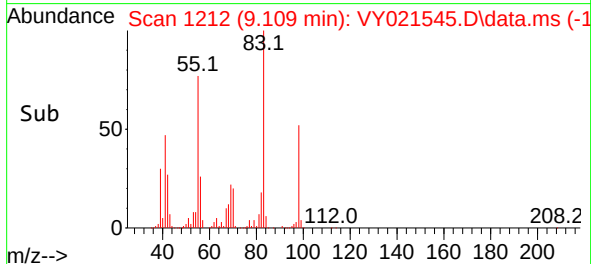
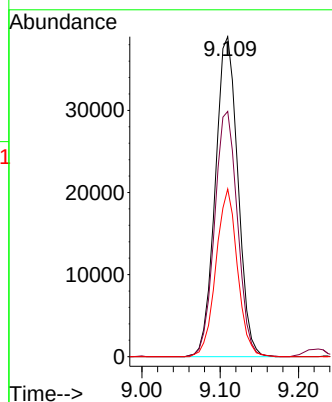
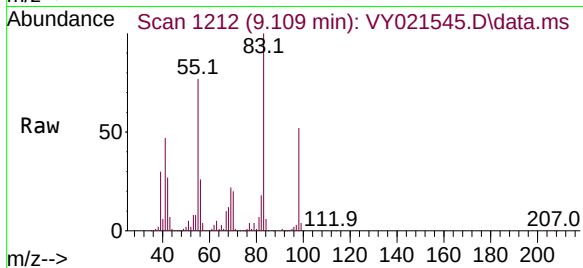
Tgt Ion: 83 Resp: 78157

Ion Ratio Lower Upper

83 100

55 76.7 60.7 91.1

98 52.4 38.6 57.8



#40

Benzene

Concen: 20.938 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021545.D

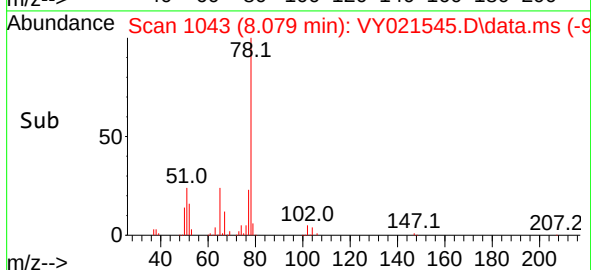
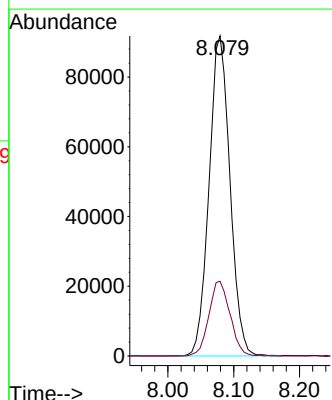
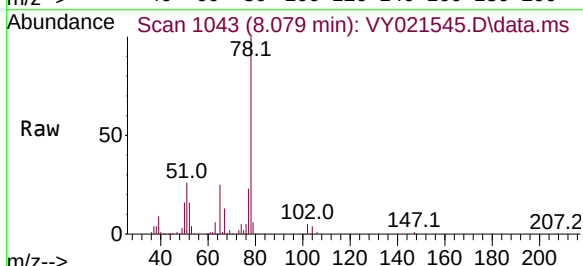
Acq: 17 Mar 2025 12:49

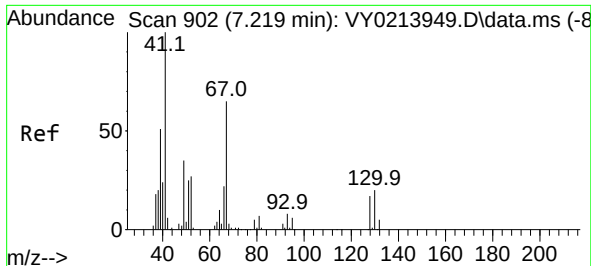
Tgt Ion: 78 Resp: 203296

Ion Ratio Lower Upper

78 100

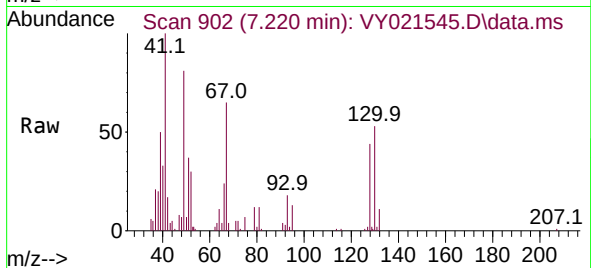
77 23.4 19.0 28.4



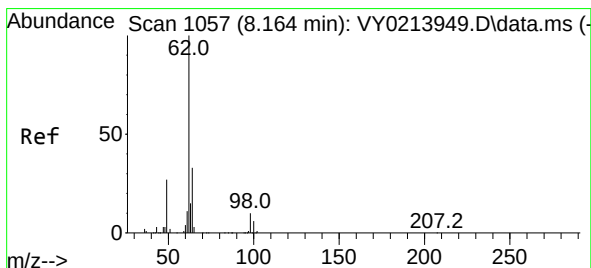
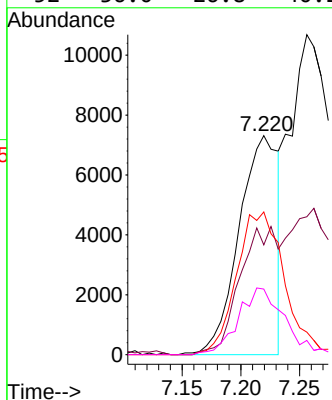
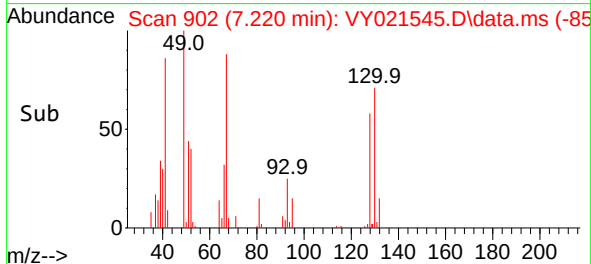


#41
Methacrylonitrile
Concen: 21.420 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :

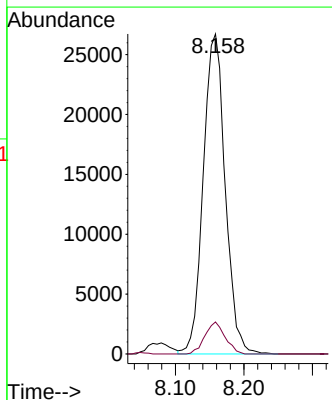
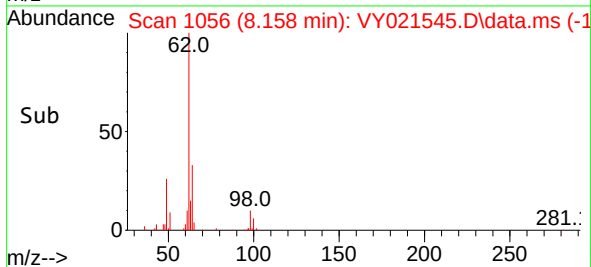
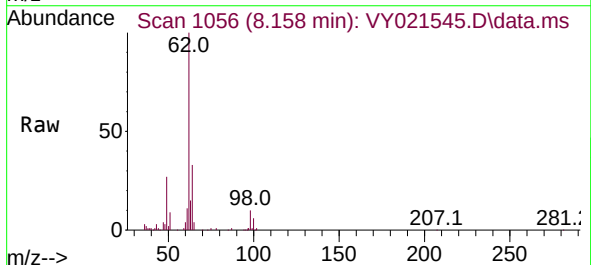


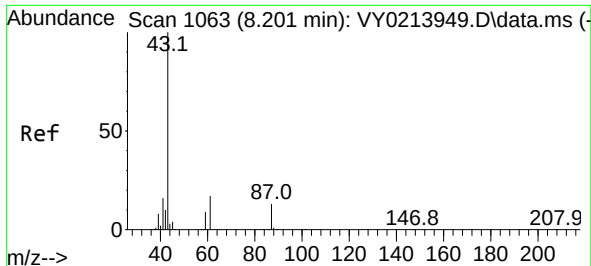
Tgt Ion:	41	Resp:	16991
Ion	Ratio	Lower	Upper
41	100		
39	56.3	35.0	52.6#
67	79.9	61.2	91.8
52	36.0	26.8	40.2



#42
1,2-Dichloroethane
Concen: 21.935 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

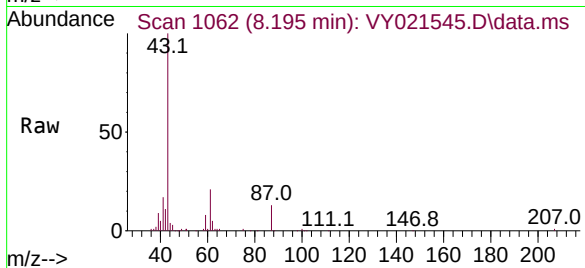
Tgt Ion:	62	Resp:	59580
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2



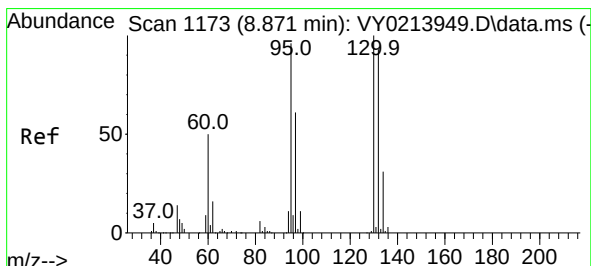
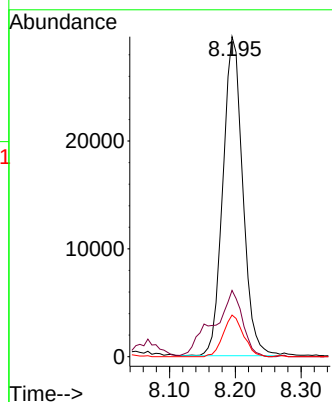
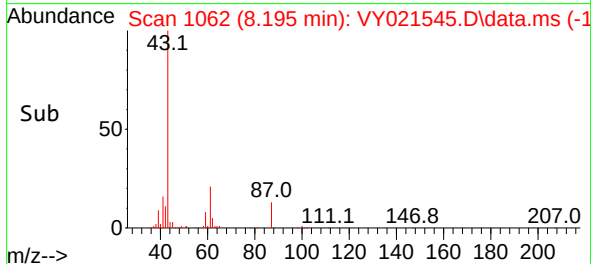


#43
Isopropyl Acetate
Concen: 21.981 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :

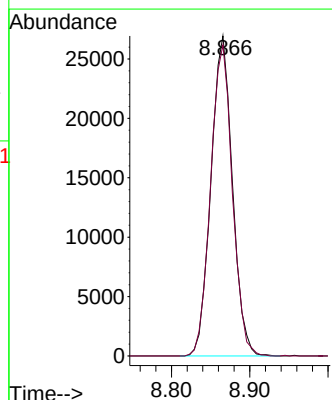
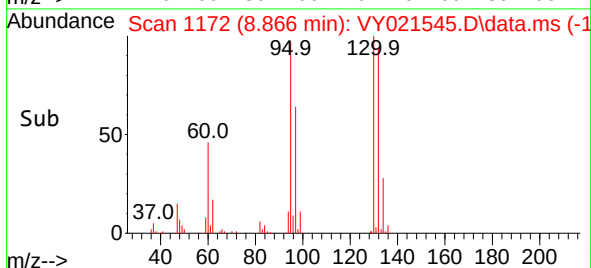
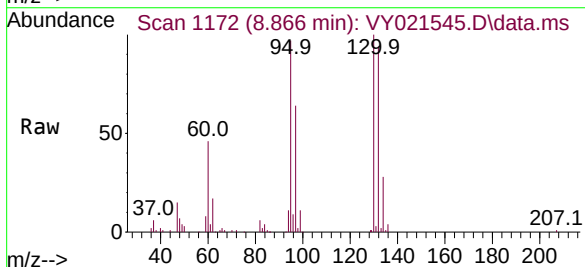


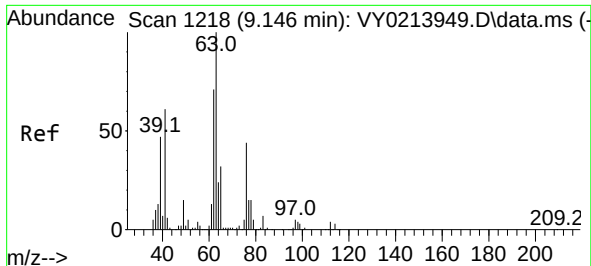
Tgt Ion: 43 Resp: 62162
Ion Ratio Lower Upper
43 100
61 30.4 23.4 35.0
87 13.2 10.5 15.7



#44
Trichloroethene
Concen: 20.902 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 130 Resp: 51285
Ion Ratio Lower Upper
130 100
95 97.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 21.157 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

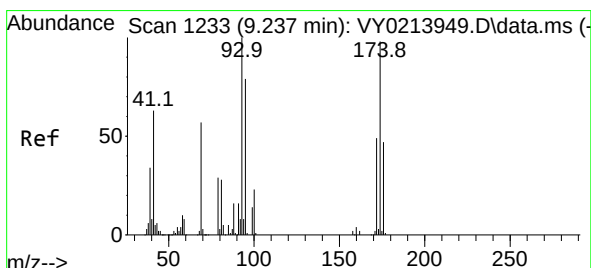
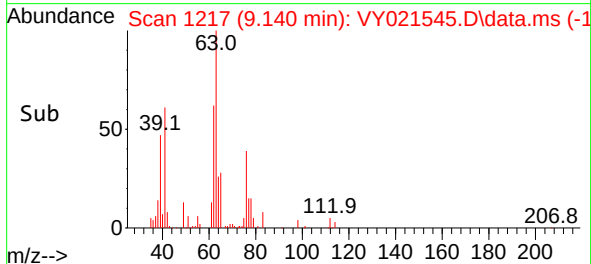
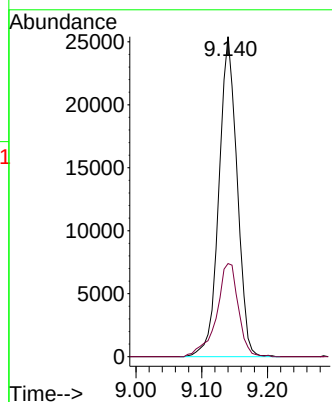
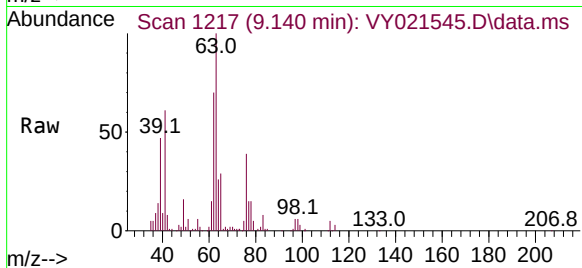
ClientSampleId :

Tgt Ion: 63 Resp: 48890

Ion Ratio Lower Upper

63 100

65 29.1 26.0 39.0



#46

Dibromomethane

Concen: 22.218 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

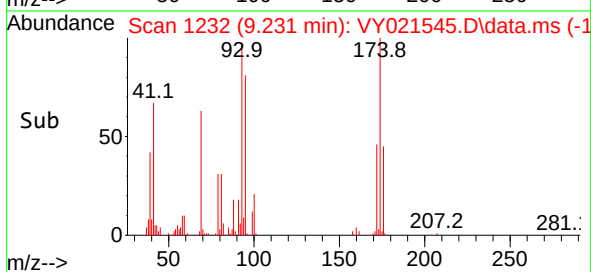
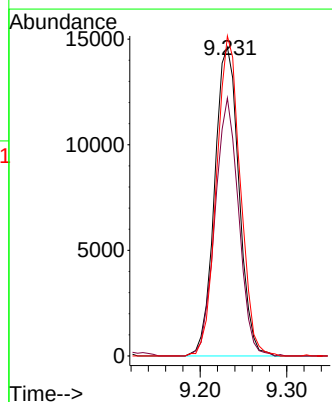
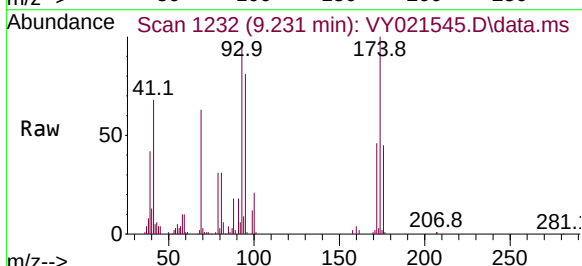
Tgt Ion: 93 Resp: 28568

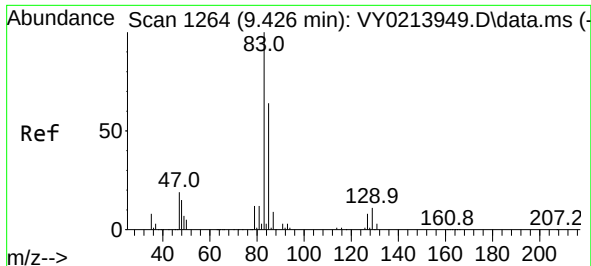
Ion Ratio Lower Upper

93 100

95 80.9 65.8 98.8

174 100.9 77.9 116.9

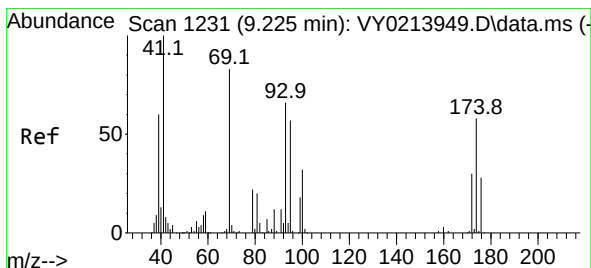
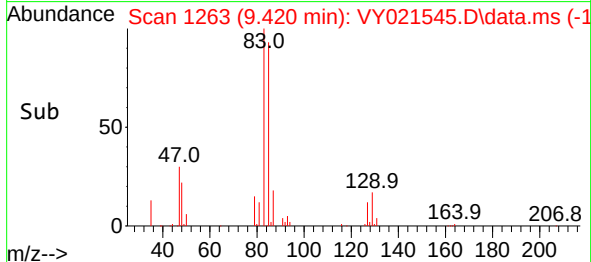
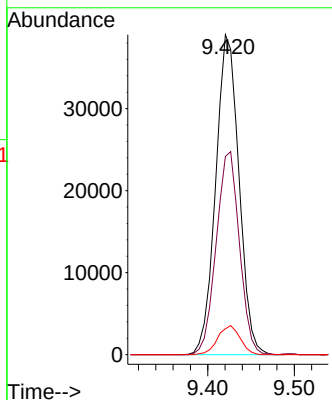
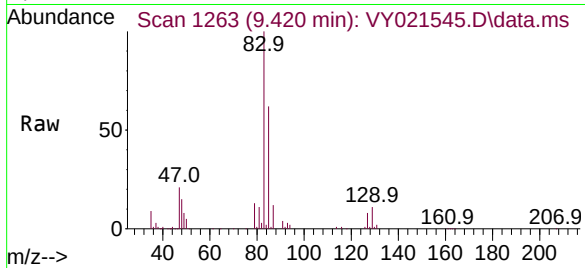




#47
Bromodichloromethane
Concen: 21.326 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

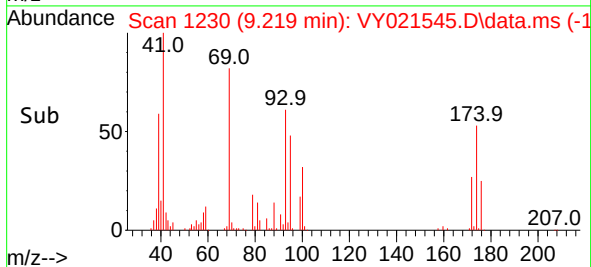
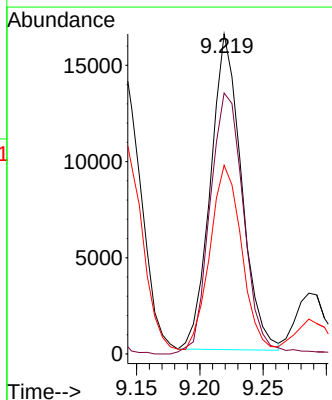
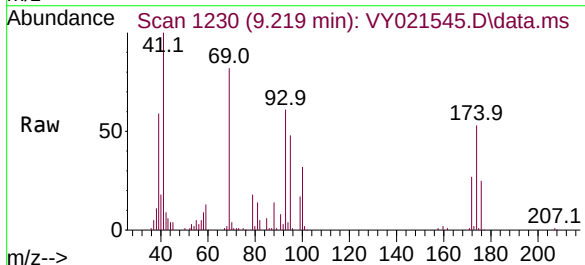
Instrument :
MSVOA_Y
ClientSampleId :

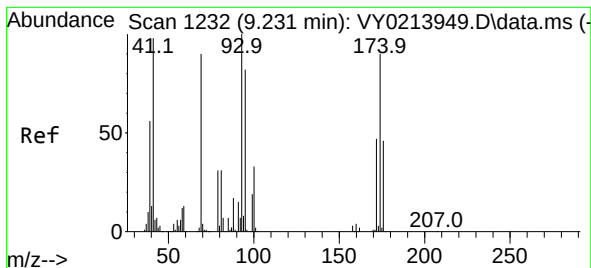
Tgt Ion: 83 Resp: 72821
Ion Ratio Lower Upper
83 100
85 62.0 51.1 76.7
127 8.1 6.7 10.1



#48
Methyl methacrylate
Concen: 21.509 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 41 Resp: 27932
Ion Ratio Lower Upper
41 100
69 90.6 67.8 101.8
39 59.3 46.4 69.6





#49

1,4-Dioxane

Concen: 514.962 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

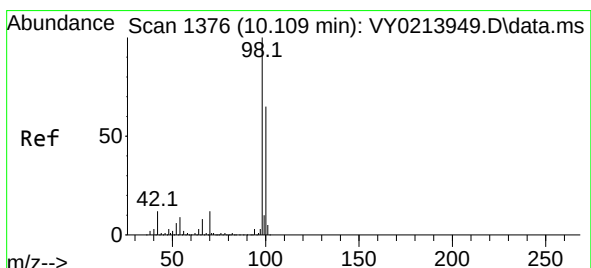
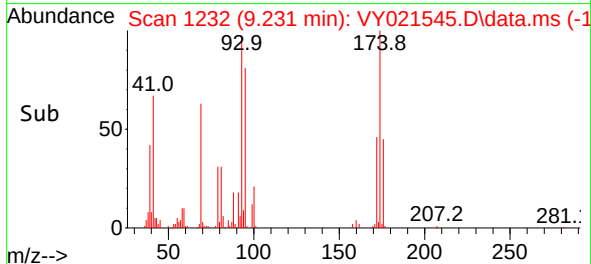
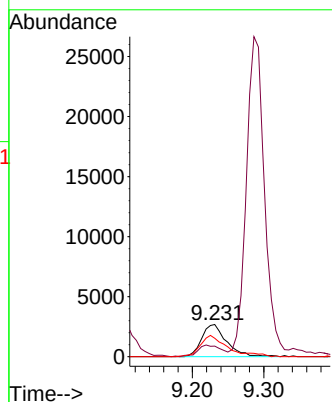
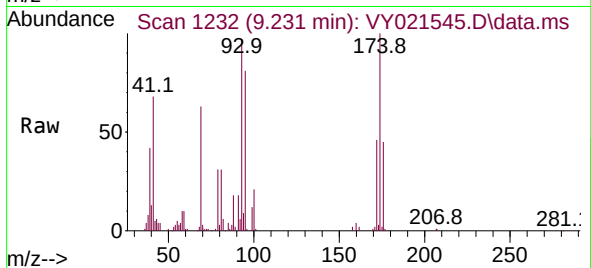
Tgt Ion: 88 Resp: 6499

Ion Ratio Lower Upper

88 100

43 34.3 25.0 37.4

58 72.4 58.4 87.6



#50

Toluene-d8

Concen: 50.160 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021545.D

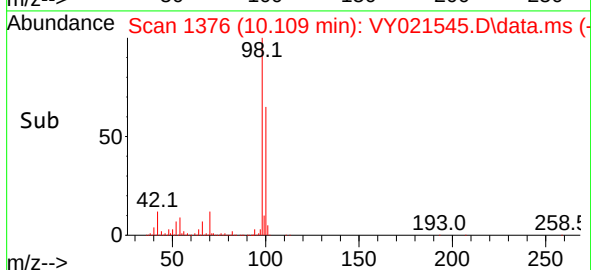
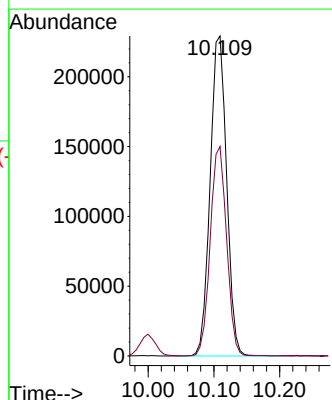
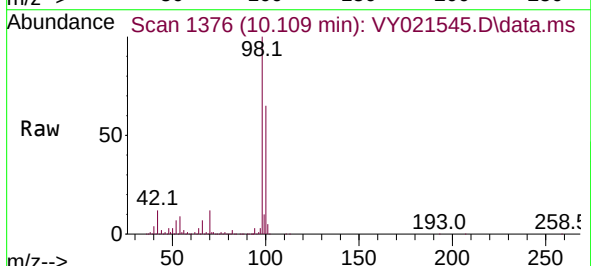
Acq: 17 Mar 2025 12:49

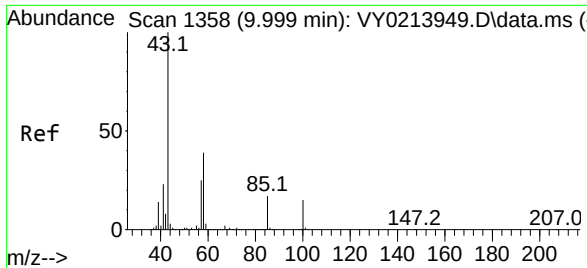
Tgt Ion: 98 Resp: 399912

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

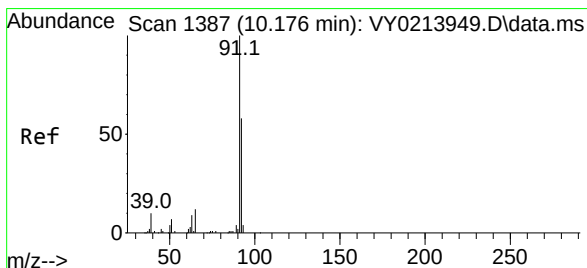
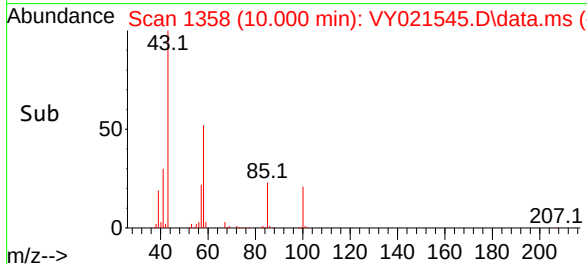
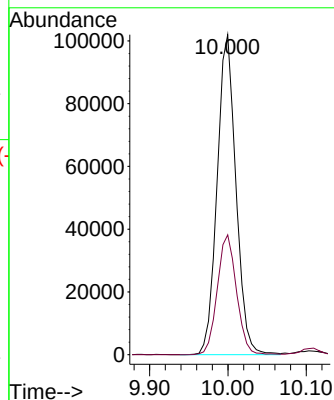
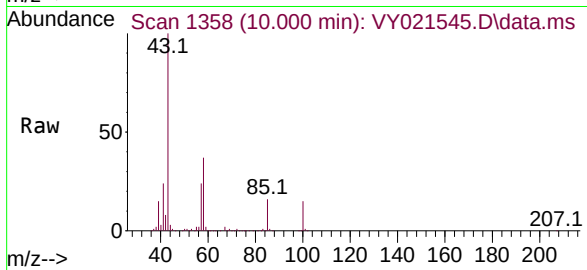




#51
4-Methyl-2-Pentanone
Concen: 116.758 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

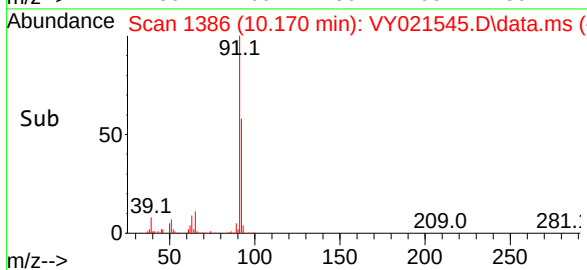
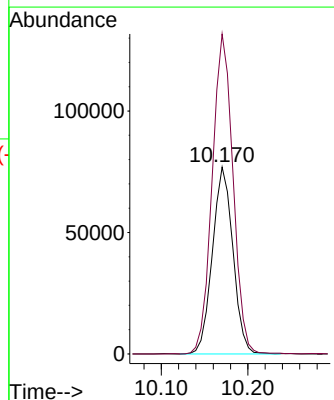
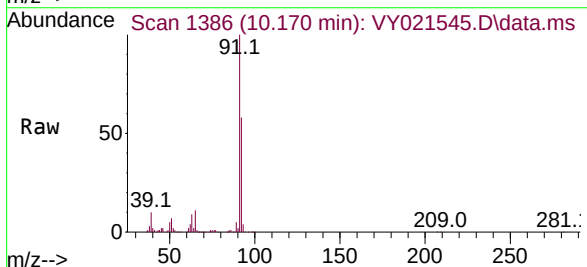
Instrument :
MSVOA_Y
ClientSampleId :

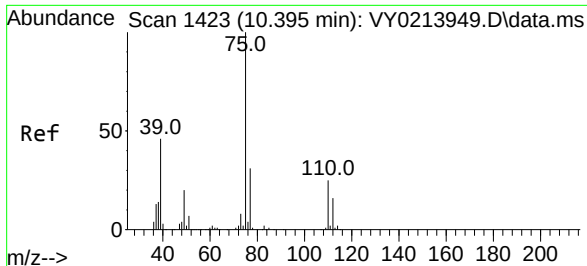
Tgt Ion: 43 Resp: 170370
Ion Ratio Lower Upper
43 100
58 38.3 31.4 47.2



#52
Toluene
Concen: 20.705 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 92 Resp: 126742
Ion Ratio Lower Upper
92 100
91 173.7 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 21.398 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

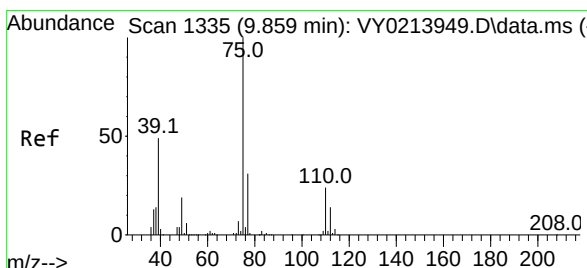
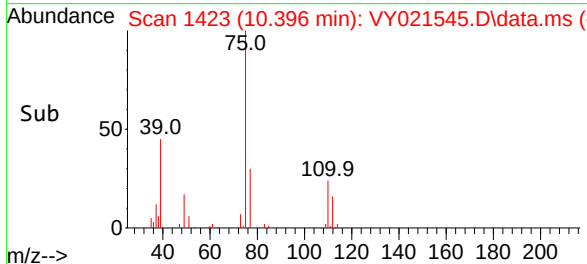
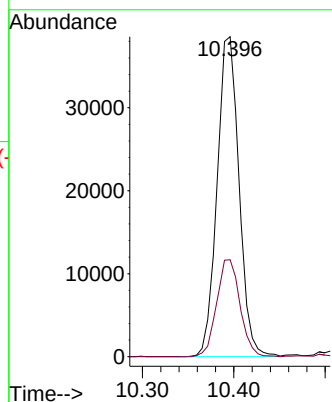
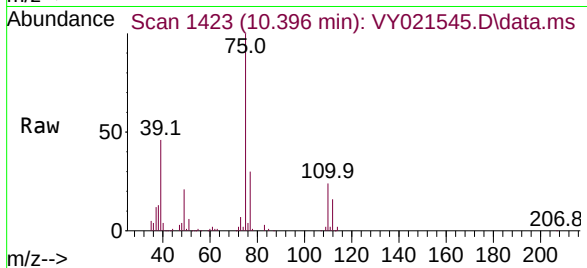
ClientSampleId :

Tgt Ion: 75 Resp: 64374

Ion Ratio Lower Upper

75 100

77 30.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.500 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

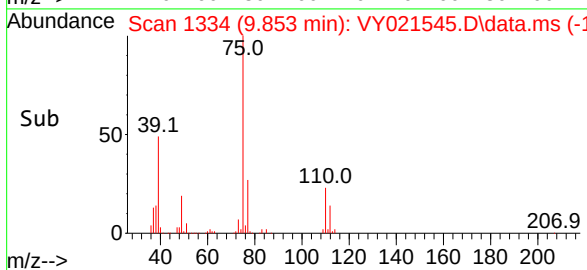
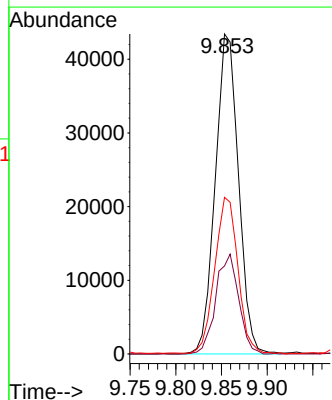
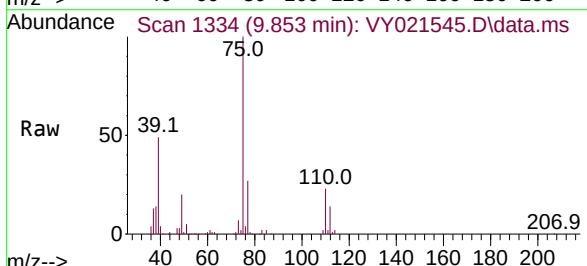
Tgt Ion: 75 Resp: 76790

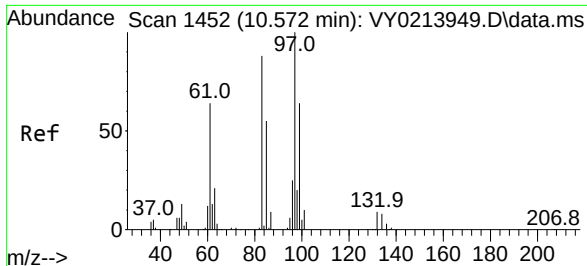
Ion Ratio Lower Upper

75 100

77 27.5 24.6 37.0

39 48.7 39.4 59.2

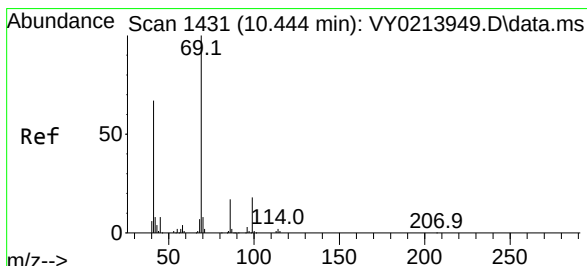
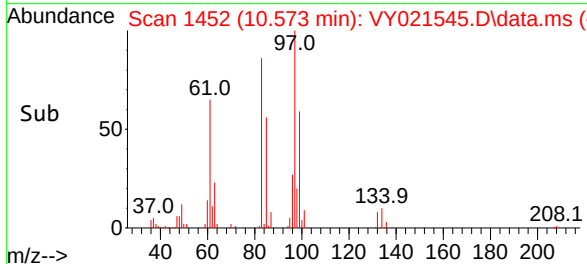
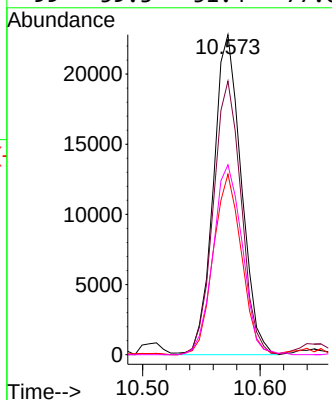
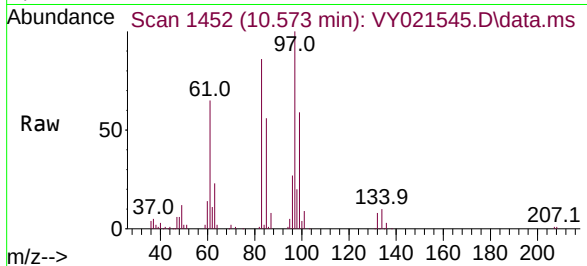




#55
 1,1,2-Trichloroethane
 Concen: 22.331 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

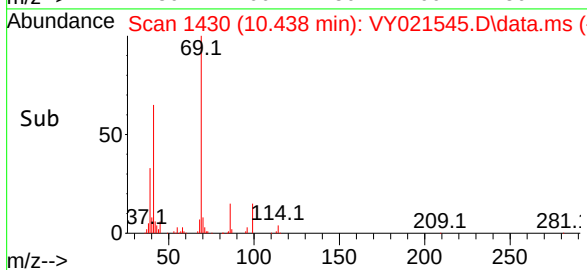
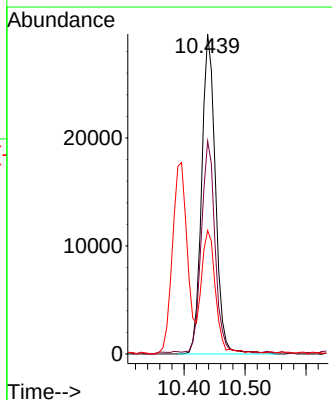
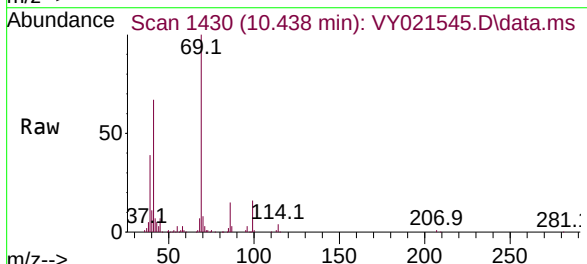
Instrument :
 MSVOA_Y
 ClientSampleId :

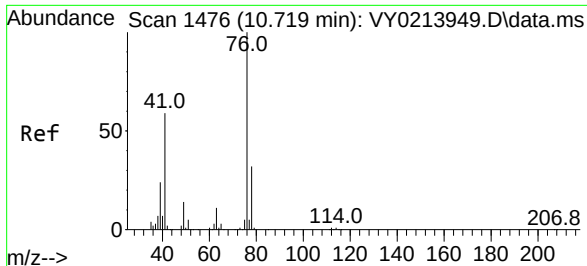
Tgt Ion:	97	Resp:	37559
Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.0	105.0
85	56.4	44.3	66.5
99	59.3	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 21.762 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

Tgt Ion:	69	Resp:	46681
Ion	Ratio	Lower	Upper
69	100		
41	65.6	53.3	79.9
39	37.7	31.0	46.6





#57

1,3-Dichloropropane

Concen: 21.858 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

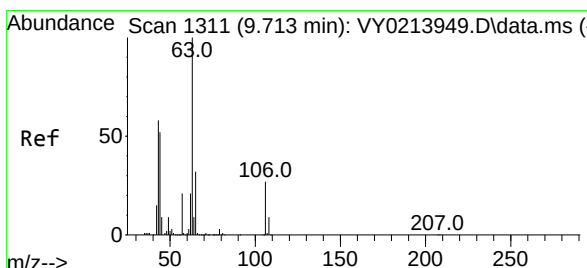
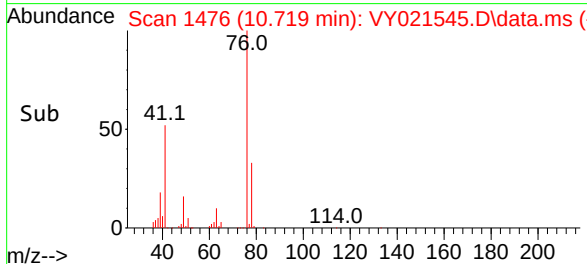
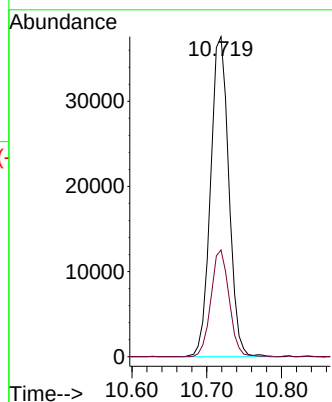
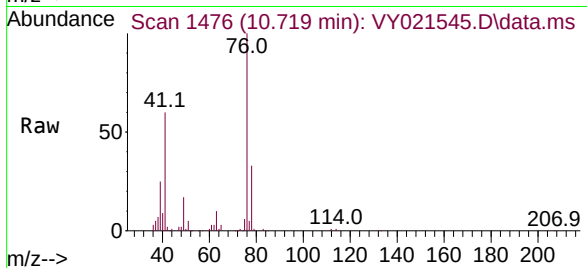
ClientSampleId :

Tgt Ion: 76 Resp: 63718

Ion Ratio Lower Upper

76 100

78 33.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 116.815 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021545.D

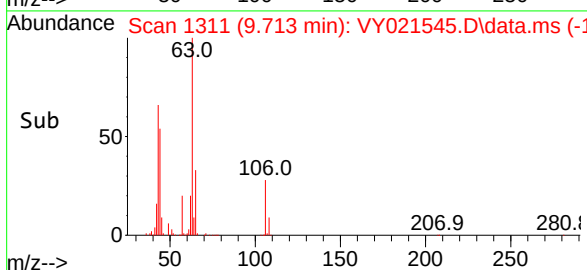
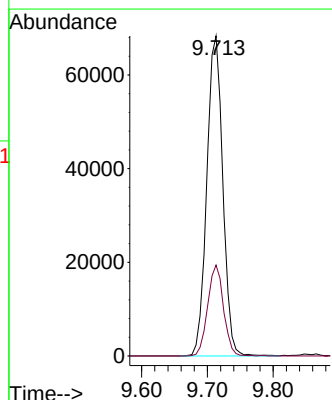
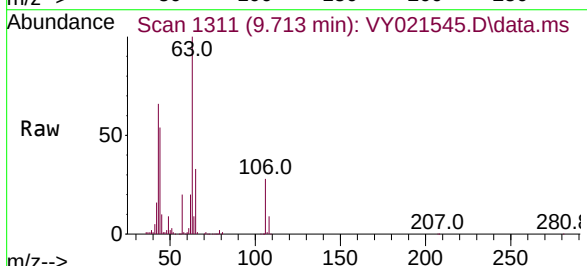
Acq: 17 Mar 2025 12:49

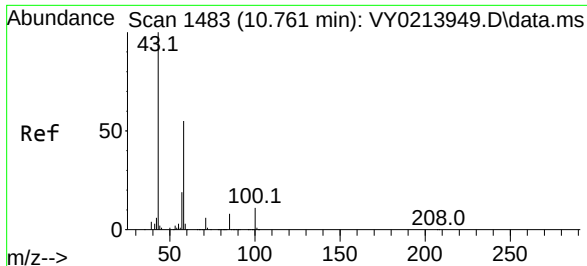
Tgt Ion: 63 Resp: 115671

Ion Ratio Lower Upper

63 100

106 28.0 22.1 33.1





#59

2-Hexanone

Concen: 133.573 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

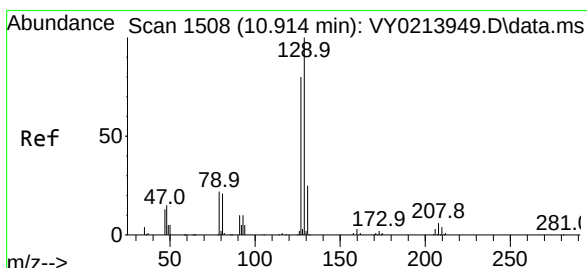
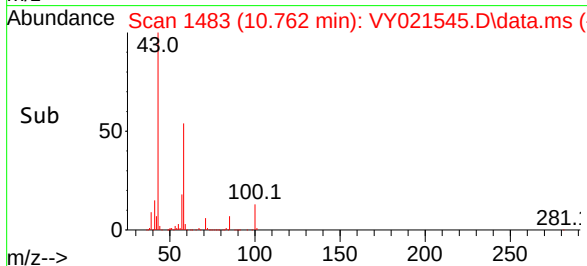
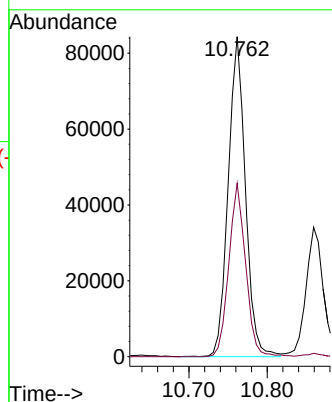
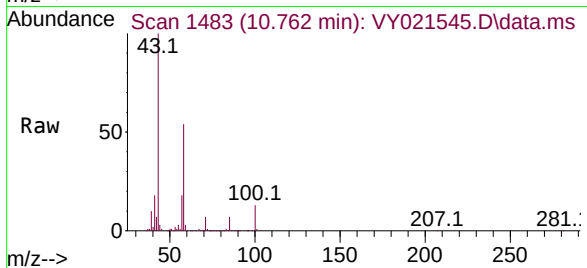
ClientSampleId :

Tgt Ion: 43 Resp: 128877

Ion Ratio Lower Upper

43 100

58 53.0 27.3 81.8



#60

Dibromochloromethane

Concen: 22.105 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021545.D

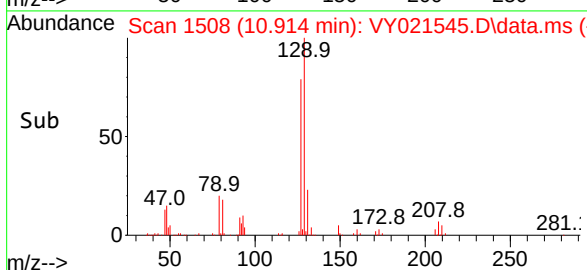
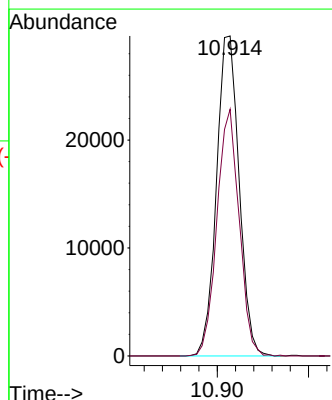
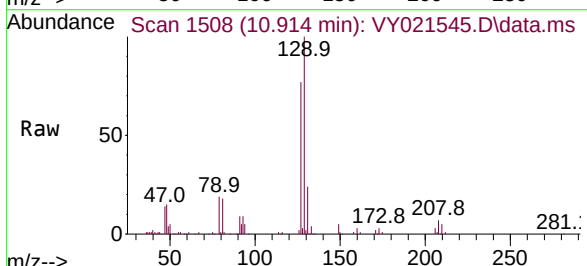
Acq: 17 Mar 2025 12:49

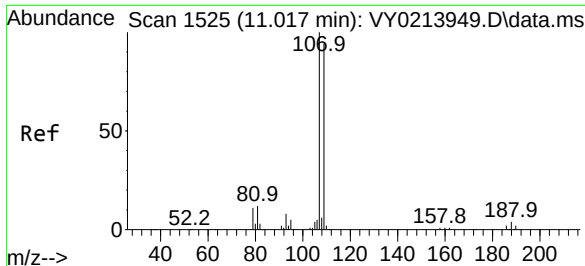
Tgt Ion:129 Resp: 50969

Ion Ratio Lower Upper

129 100

127 75.7 39.1 117.3

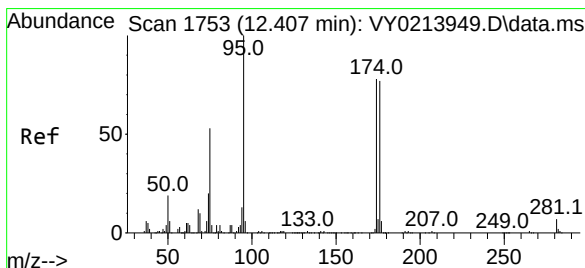
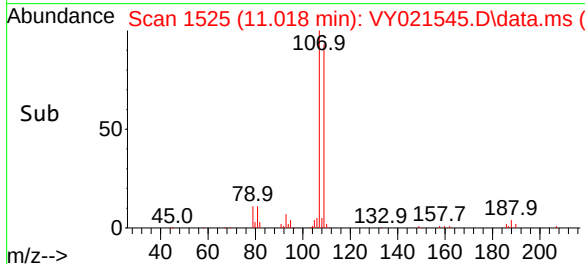
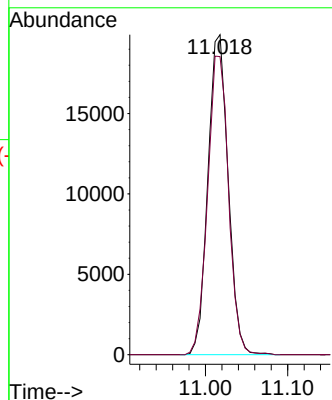
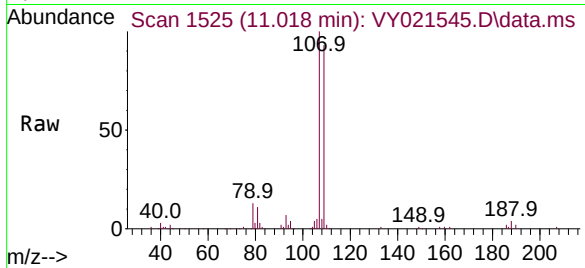




#61
1,2-Dibromoethane
Concen: 21.444 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

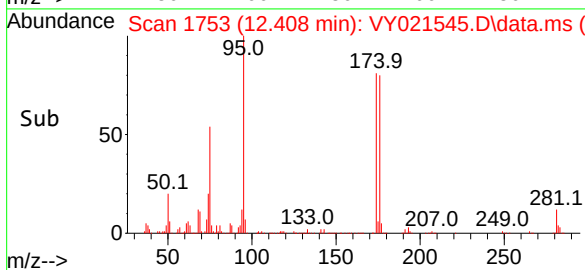
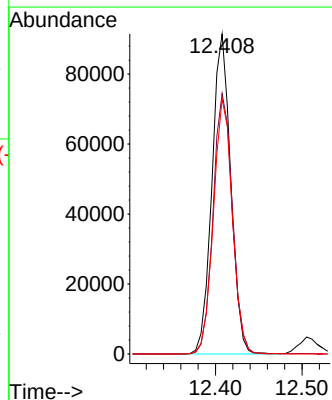
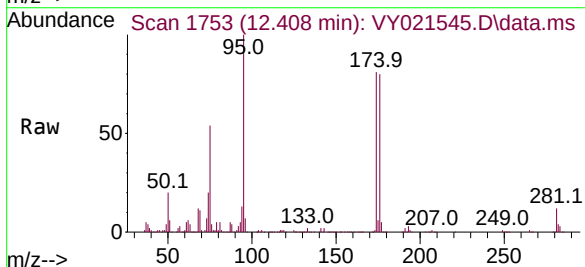
Instrument :
MSVOA_Y
ClientSampleId :

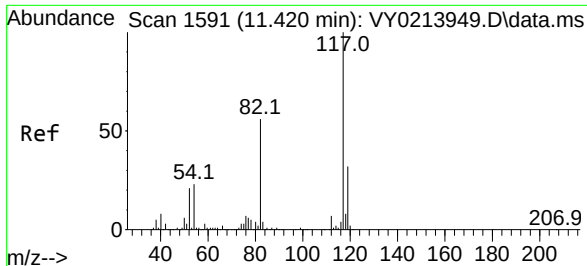
Tgt Ion:107 Resp: 34040
Ion Ratio Lower Upper
107 100
109 96.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.682 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 95 Resp: 137449
Ion Ratio Lower Upper
95 100
174 83.6 0.0 165.0
176 80.6 0.0 160.0

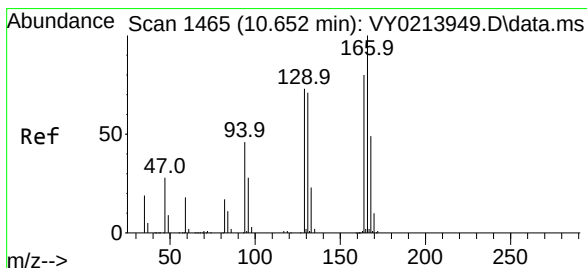
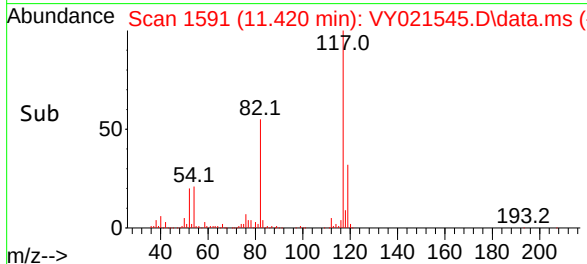
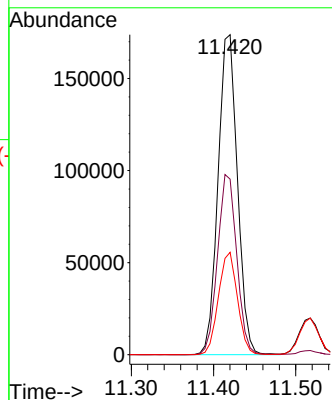
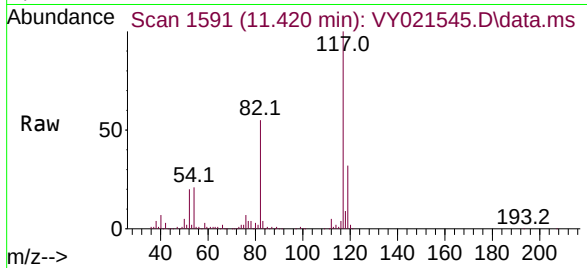




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

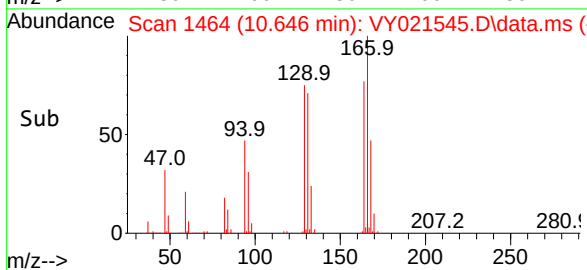
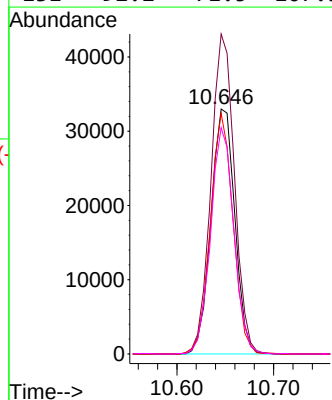
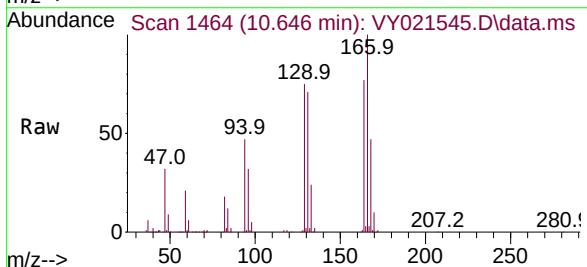
Instrument :
MSVOA_Y
ClientSampleId :

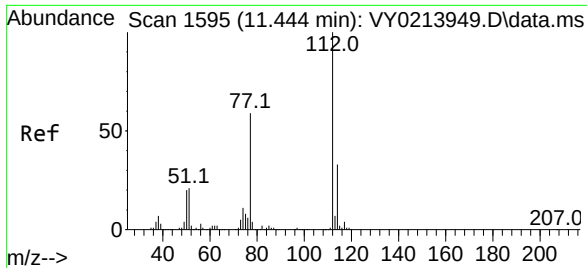
Tgt Ion:117 Resp: 284395
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 24.444 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion:164 Resp: 56528
Ion Ratio Lower Upper
164 100
166 130.6 100.4 150.6
129 98.2 73.8 110.8
131 92.2 71.5 107.3

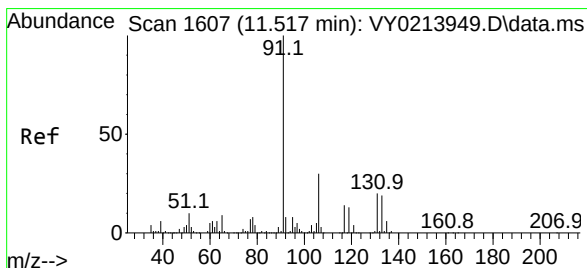
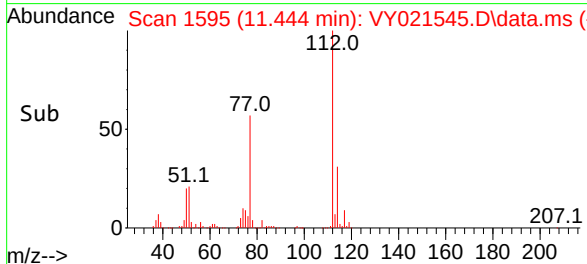
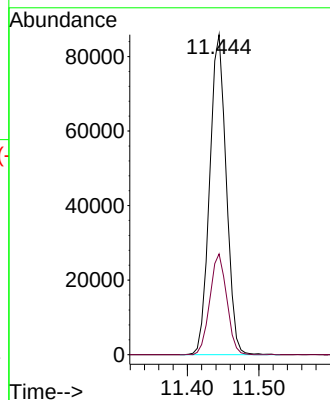
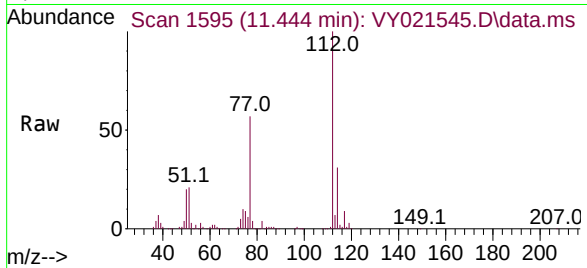




#65
Chlorobenzene
Concen: 20.562 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

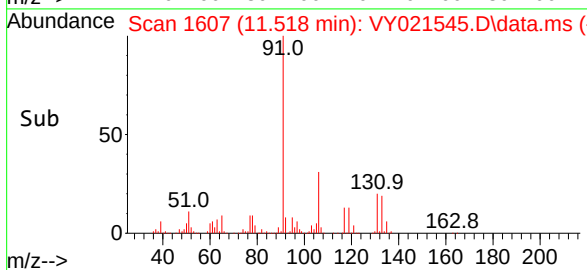
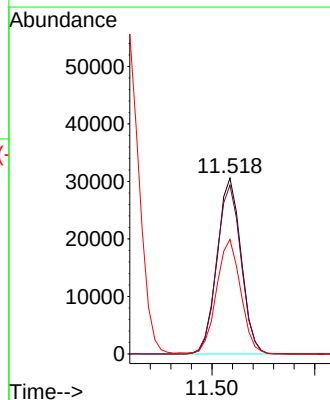
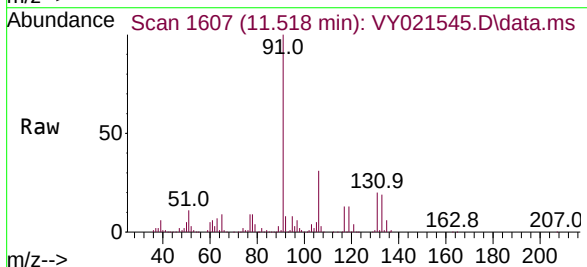
Instrument :
MSVOA_Y
ClientSampleId :

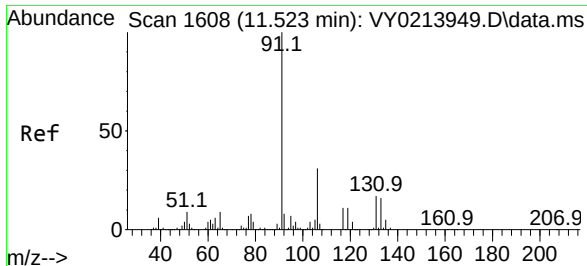
Tgt Ion:112 Resp: 138094
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.832 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion:131 Resp: 49463
Ion Ratio Lower Upper
131 100
133 97.6 47.6 142.9
119 65.8 32.3 96.9





#67

Ethyl Benzene

Concen: 20.035 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

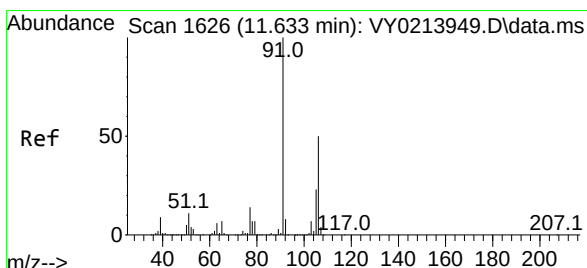
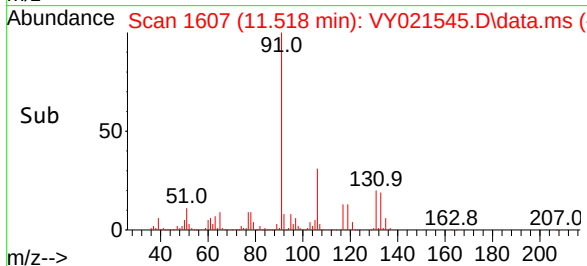
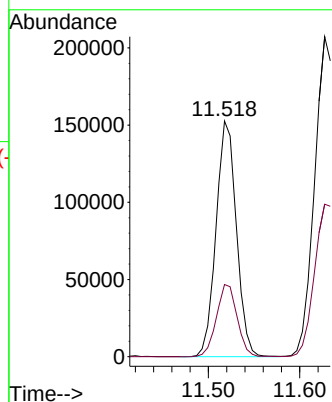
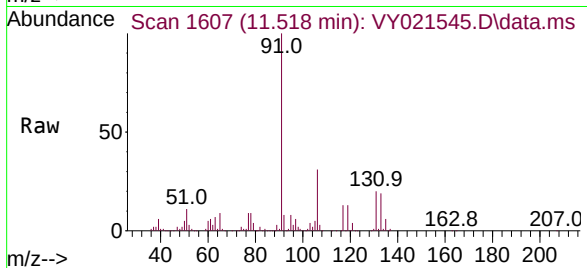
ClientSampleId :

Tgt Ion: 91 Resp: 236170

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 40.809 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021545.D

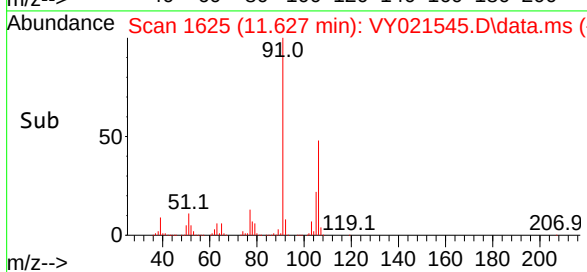
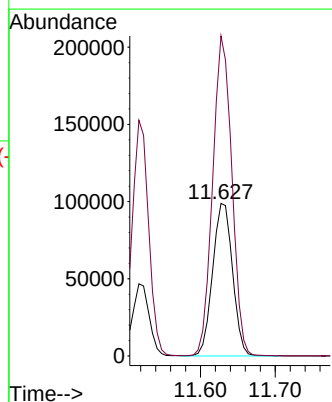
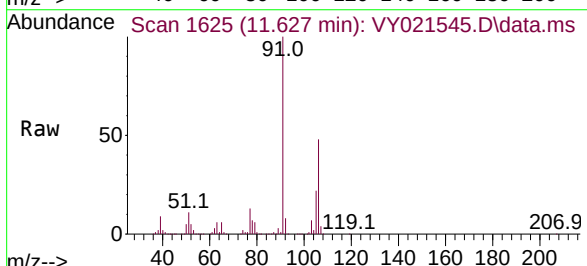
Acq: 17 Mar 2025 12:49

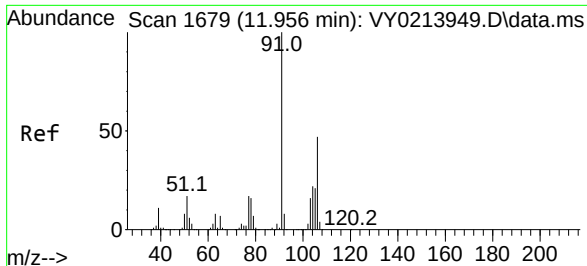
Tgt Ion:106 Resp: 182629

Ion Ratio Lower Upper

106 100

91 202.5 161.7 242.5





#69

o-Xylene

Concen: 20.082 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

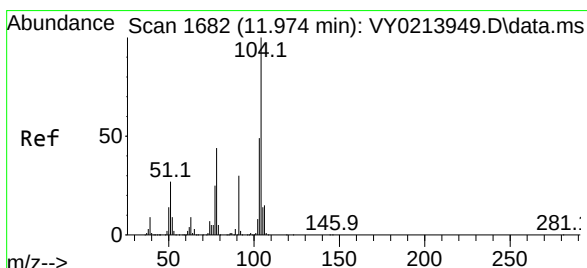
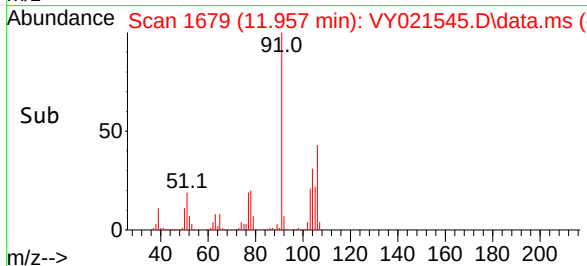
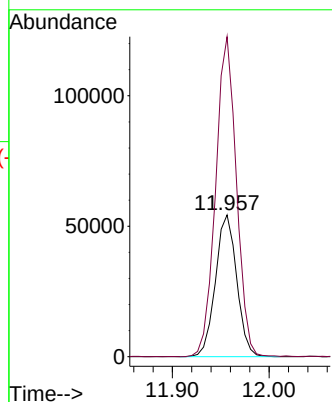
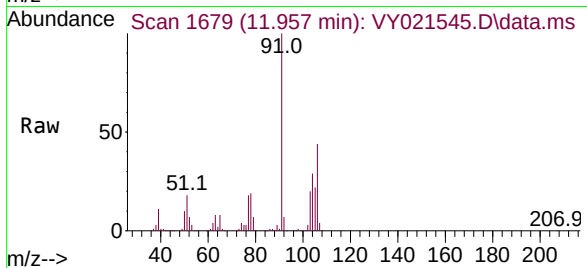
ClientSampleId :

Tgt Ion:106 Resp: 82830

Ion Ratio Lower Upper

106 100

91 221.3 107.6 322.8



#70

Styrene

Concen: 20.465 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

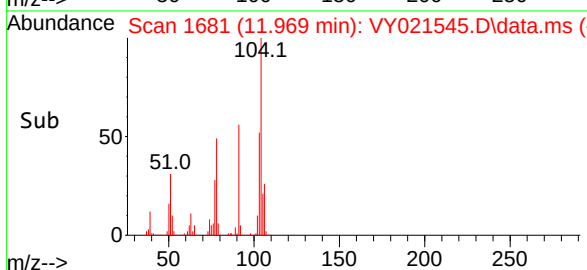
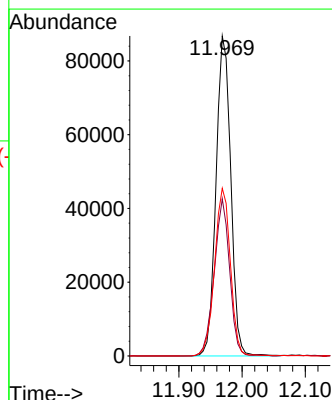
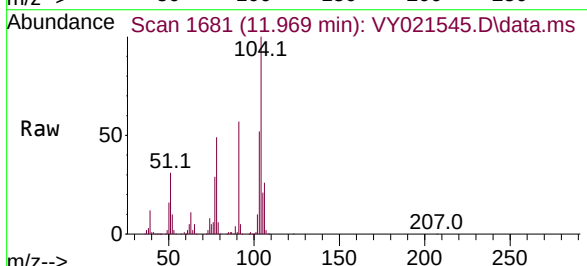
Tgt Ion:104 Resp: 140028

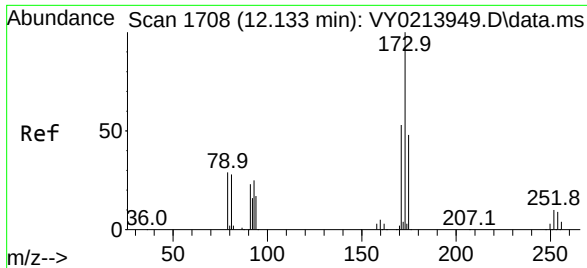
Ion Ratio Lower Upper

104 100

78 51.3 40.7 61.1

103 56.3 44.1 66.1

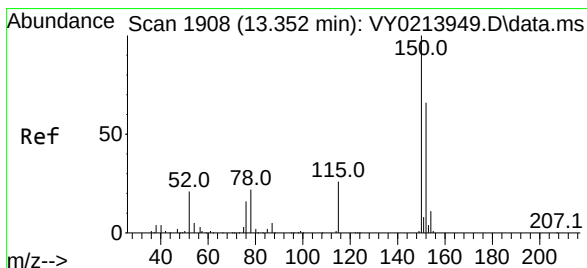
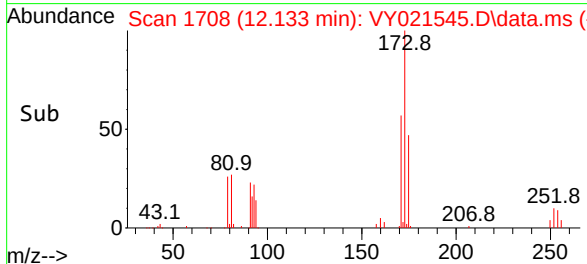
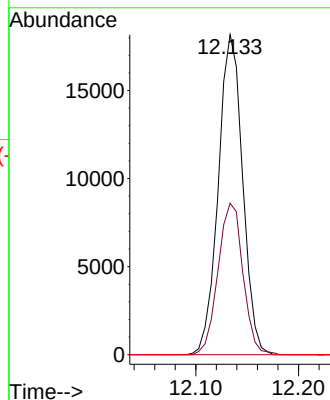
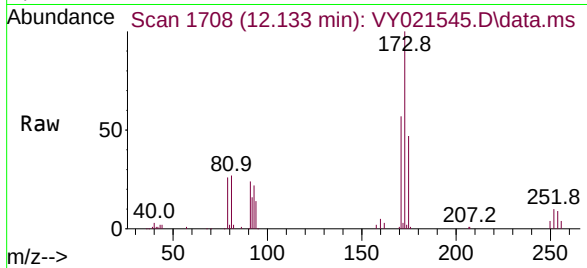




#71
Bromoform
Concen: 22.476 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

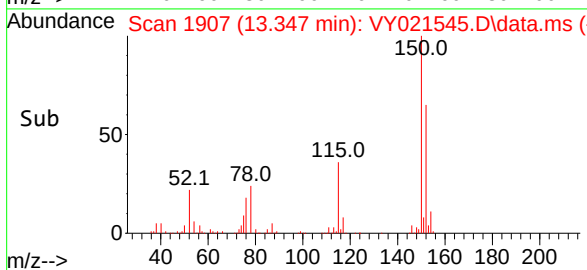
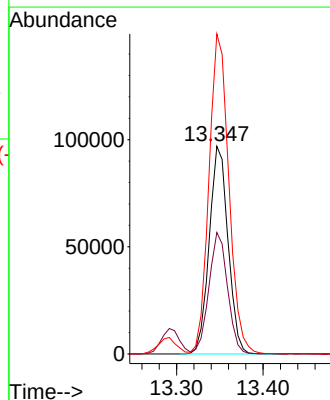
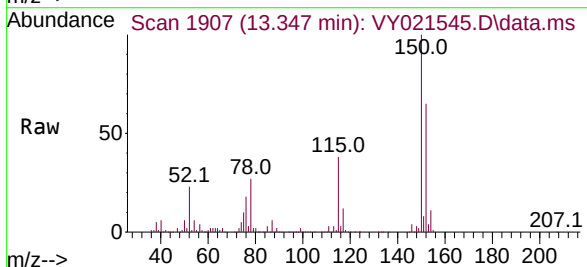
Instrument :
MSVOA_Y
ClientSampleId :

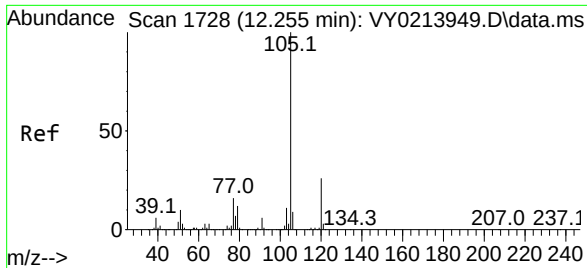
Tgt Ion:173 Resp: 29832
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion:152 Resp: 146283
Ion Ratio Lower Upper
152 100
115 58.1 29.0 87.0
150 162.8 0.0 347.2

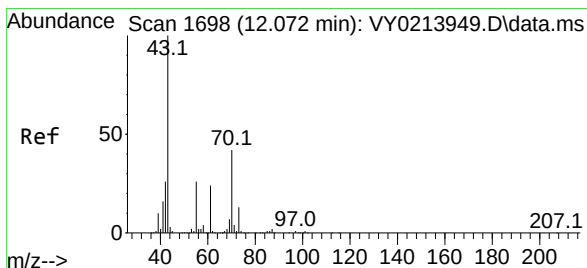
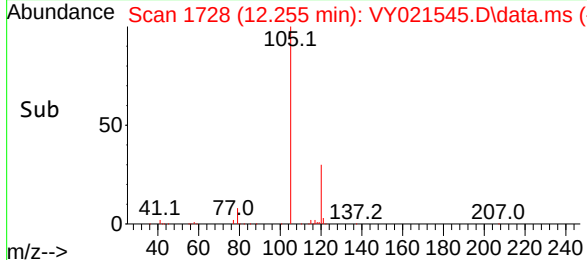
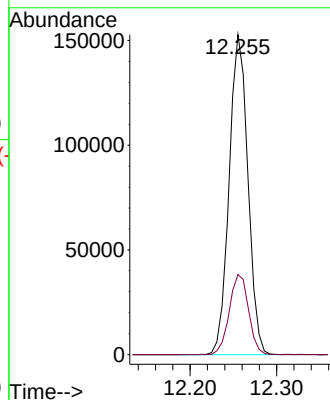
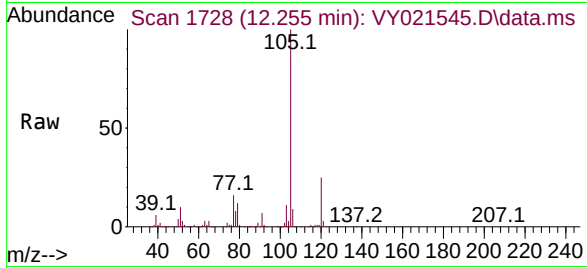




#73
Isopropylbenzene
Concen: 19.924 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

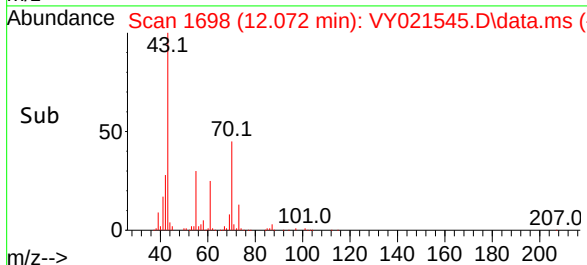
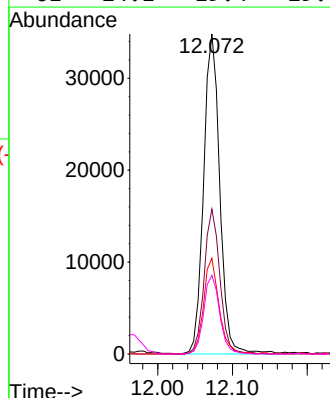
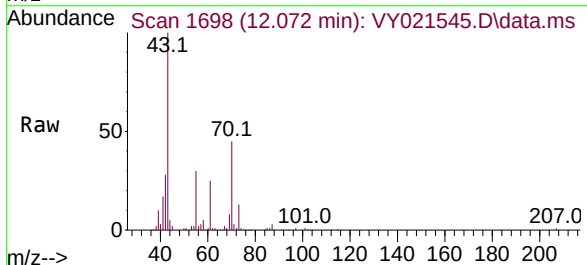
Instrument :
MSVOA_Y
ClientSampleId :

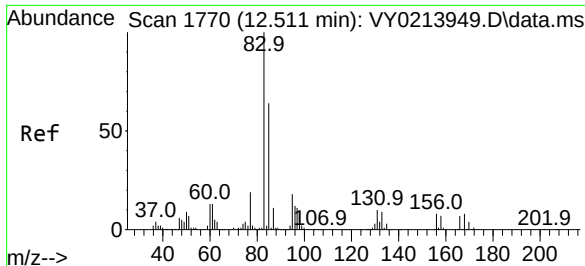
Tgt Ion:105 Resp: 229585
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3



#74
N-ethyl acetate
Concen: 20.964 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 43 Resp: 52463
Ion Ratio Lower Upper
43 100
70 43.8 34.6 51.8
55 28.7 21.1 31.7
61 24.1 19.4 29.0

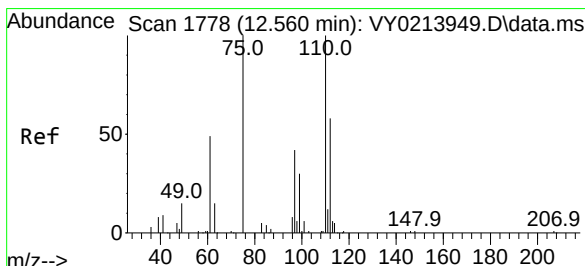
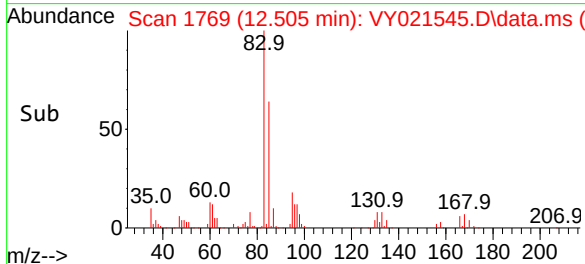
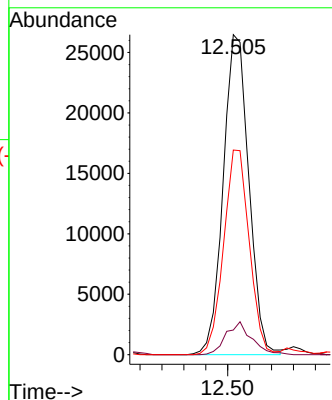
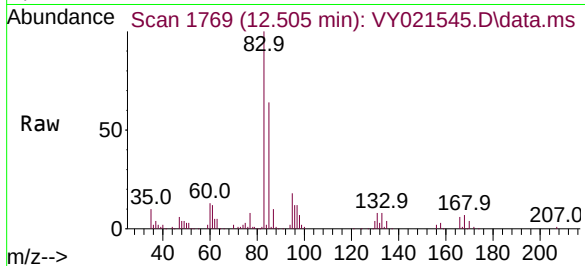




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.129 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

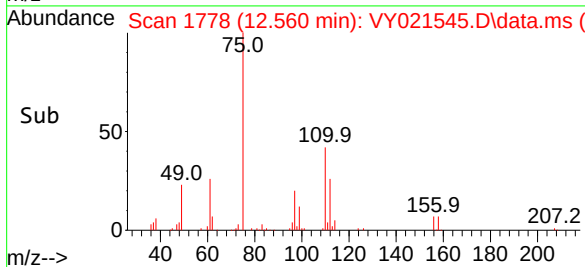
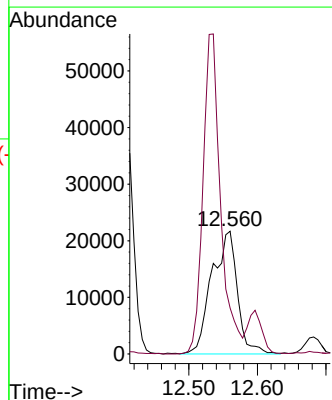
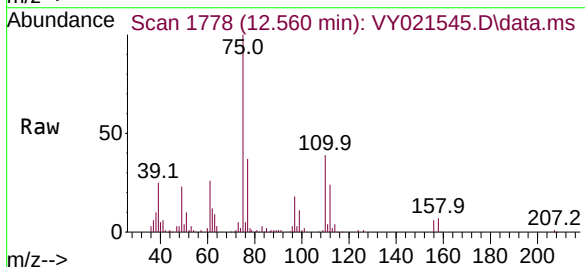
Instrument :
 MSVOA_Y
 ClientSampleId :

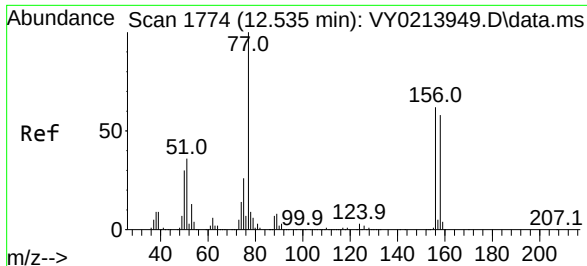
Tgt Ion: 83 Resp: 42965
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.3 16.1
 85 63.9 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 38.154 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

Tgt Ion: 75 Resp: 56241
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

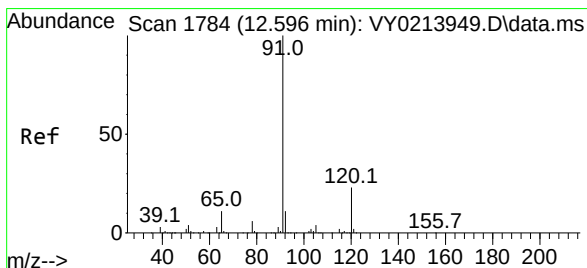
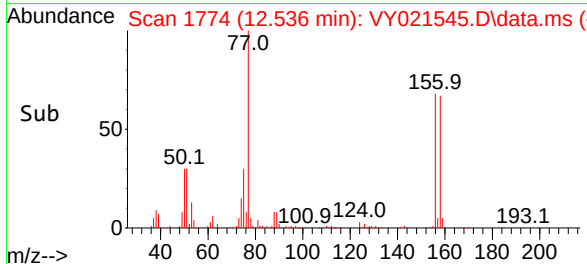
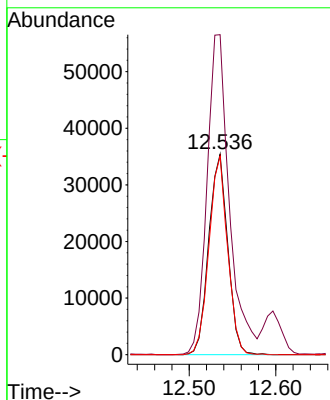
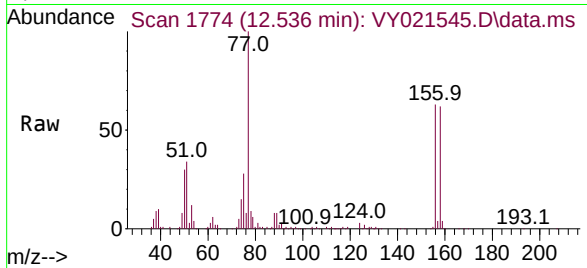




#77
Bromobenzene
Concen: 20.047 ug/l
RT: 12.536 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

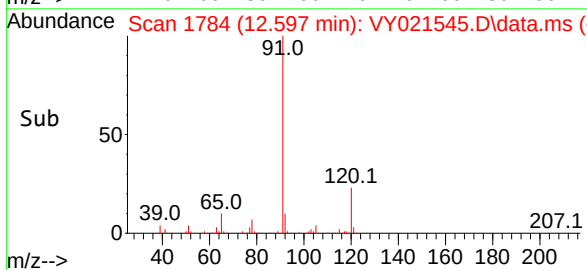
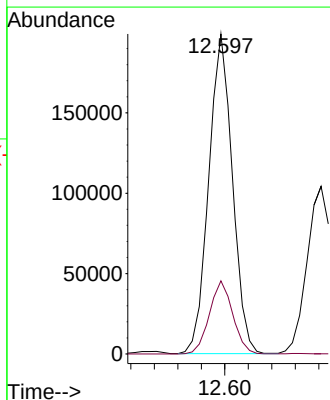
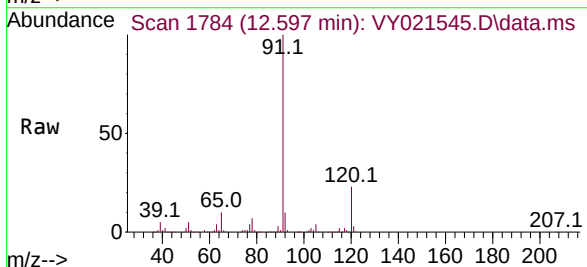
Instrument :
MSVOA_Y
ClientSampleId :

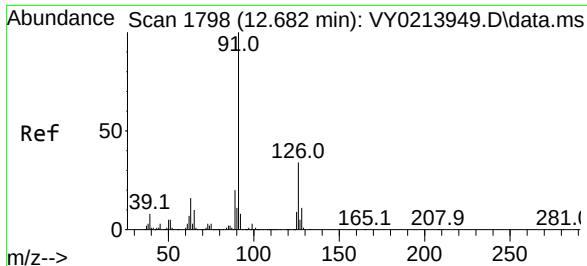
Tgt Ion:156 Resp: 54044
Ion Ratio Lower Upper
156 100
77 187.5 93.6 280.8
158 97.0 48.3 144.8



#78
n-propylbenzene
Concen: 19.895 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 91 Resp: 278424
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.791 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

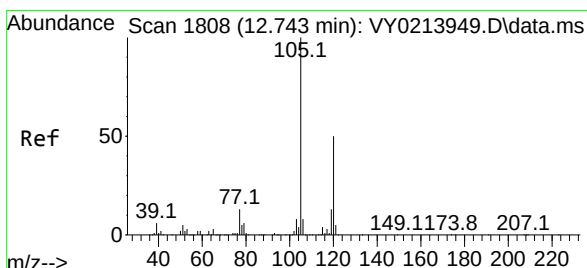
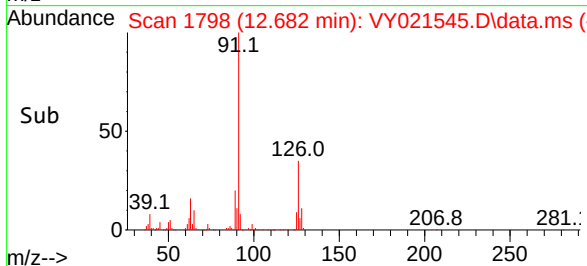
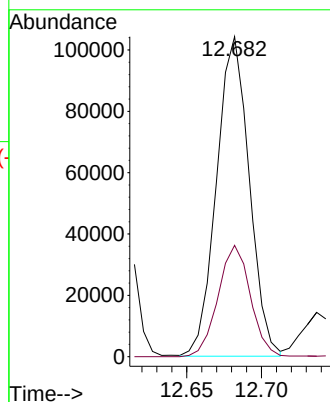
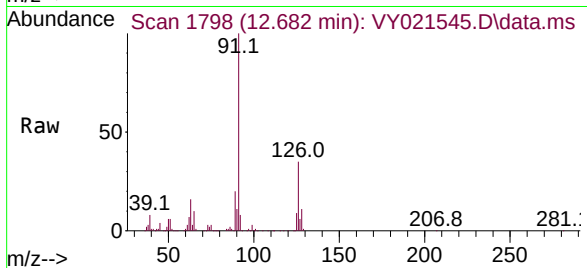
ClientSampleId :

Tgt Ion: 91 Resp: 158371

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.208 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021545.D

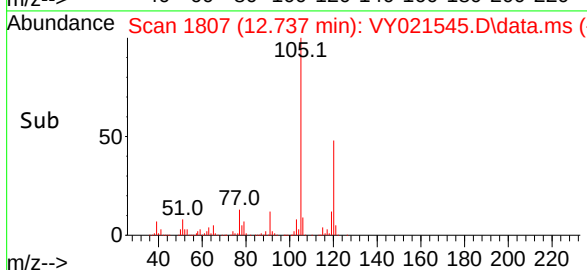
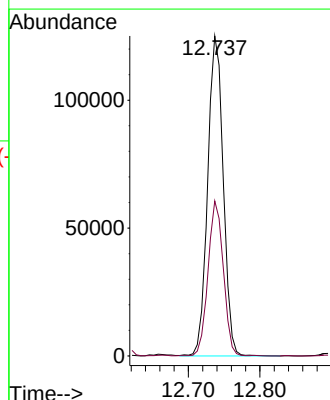
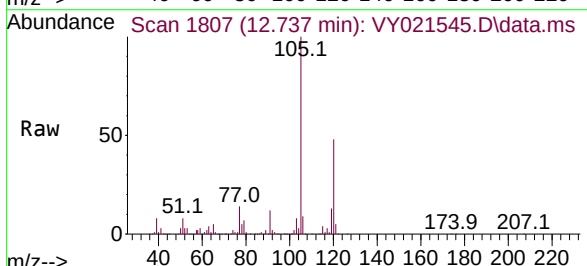
Acq: 17 Mar 2025 12:49

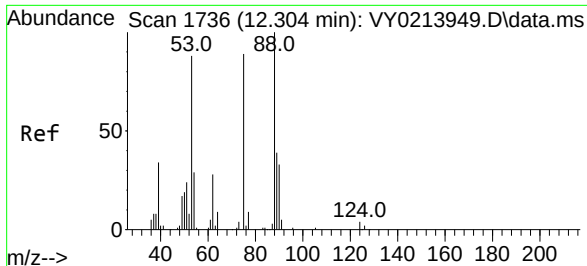
Tgt Ion:105 Resp: 189235

Ion Ratio Lower Upper

105 100

120 47.3 24.6 73.6

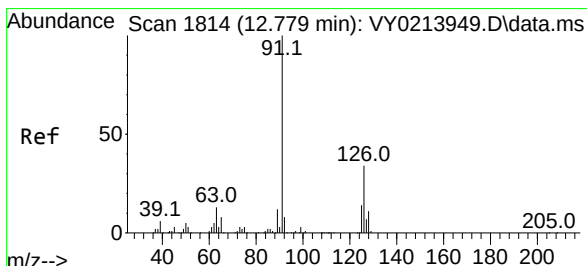
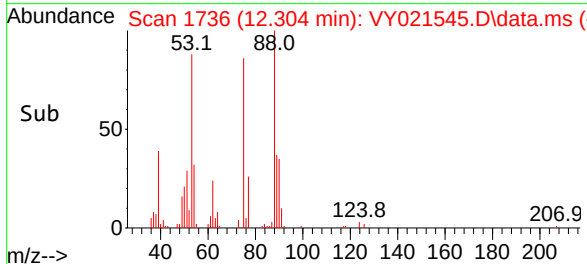
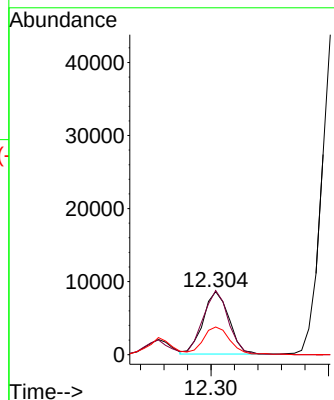
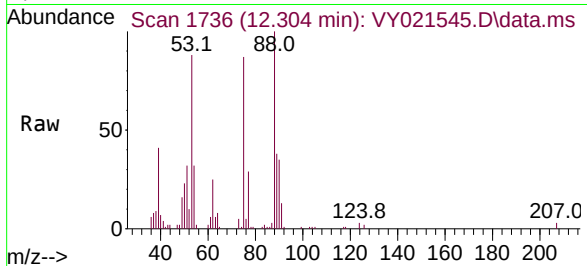




#81
trans-1,4-Dichloro-2-butene
Concen: 20.192 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

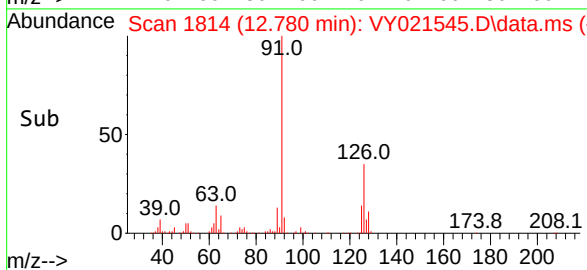
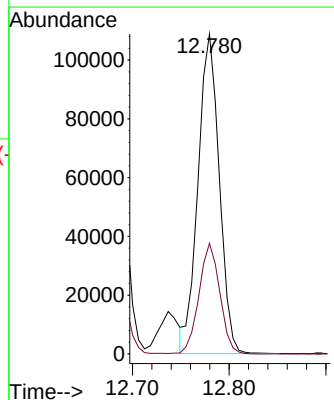
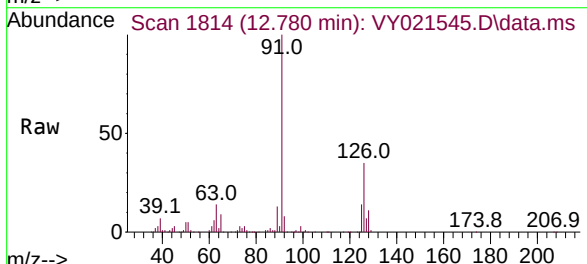
Instrument :
MSVOA_Y
ClientSampleId :

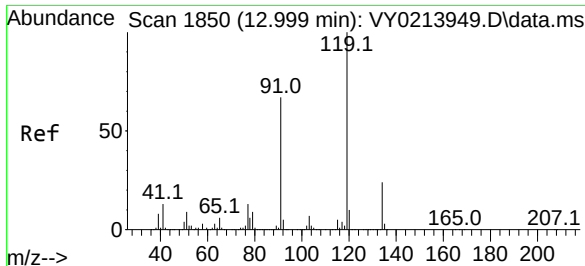
Tgt Ion: 75 Resp: 13093
Ion Ratio Lower Upper
75 100
53 100.9 81.0 121.4
89 43.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 20.042 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion: 91 Resp: 166075
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

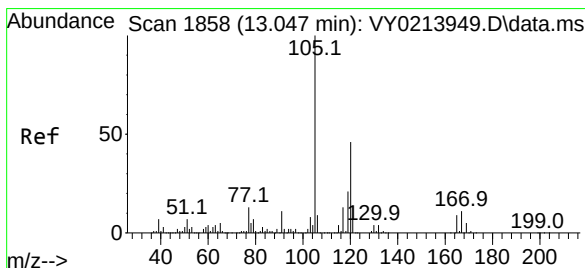
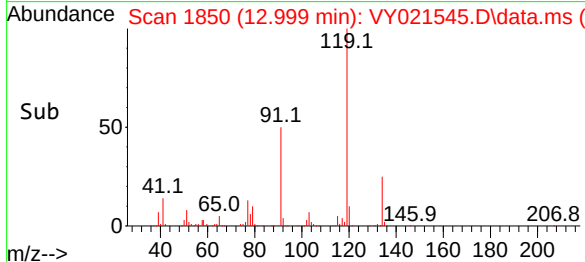
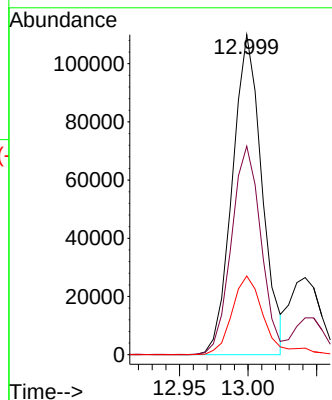
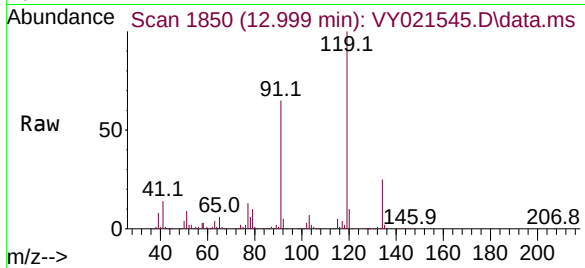




#83
 tert-Butylbenzene
 Concen: 19.848 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

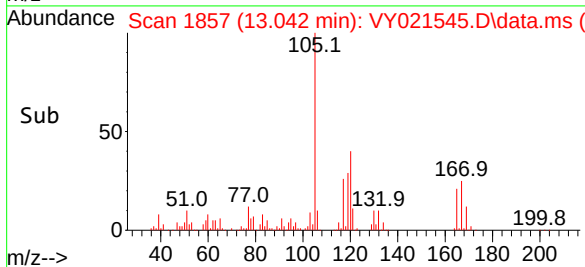
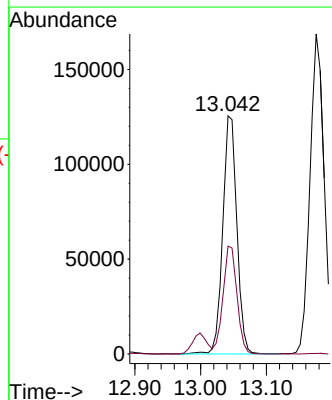
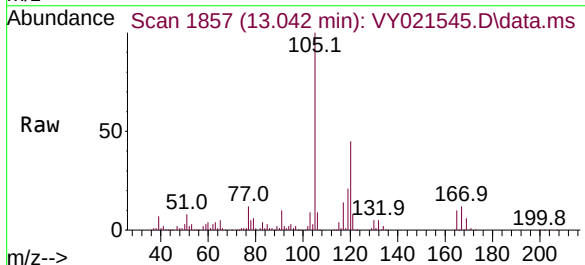
Instrument :
 MSVOA_Y
 ClientSampleId :

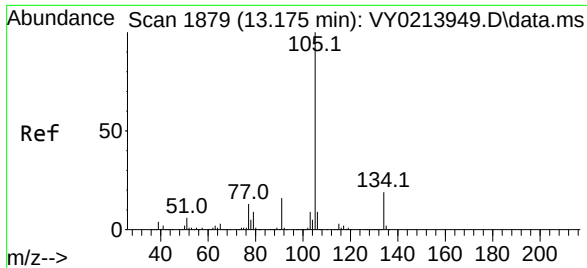
Tgt Ion:119 Resp: 165804
 Ion Ratio Lower Upper
 119 100
 91 64.9 33.2 99.6
 134 26.6 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.143 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

Tgt Ion:105 Resp: 187285
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.1

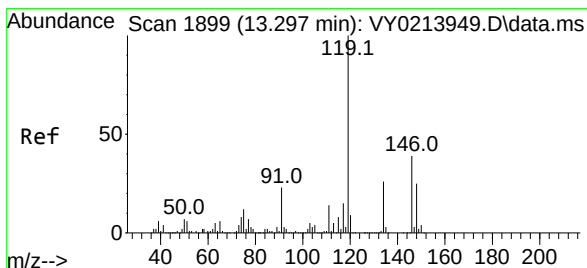
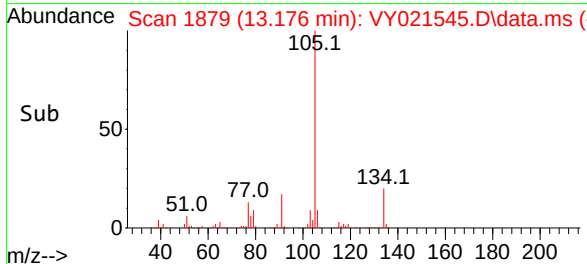
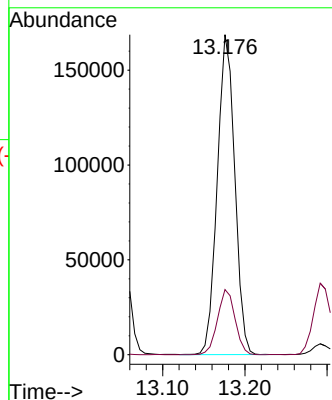
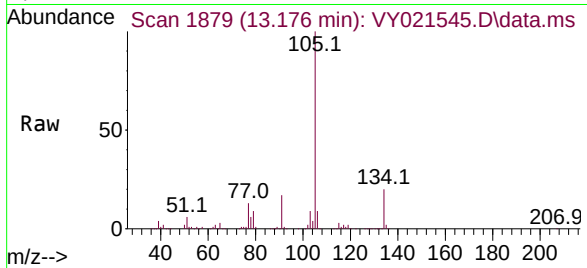




#85
 sec-Butylbenzene
 Concen: 20.050 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

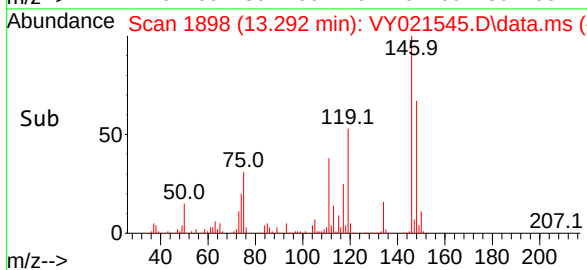
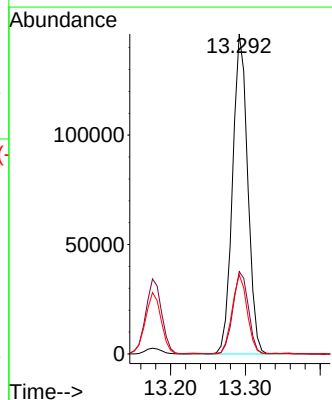
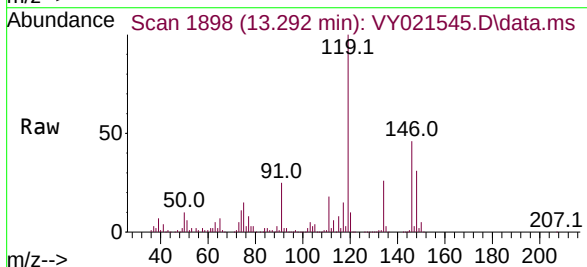
Instrument :
 MSVOA_Y
 ClientSampleId :

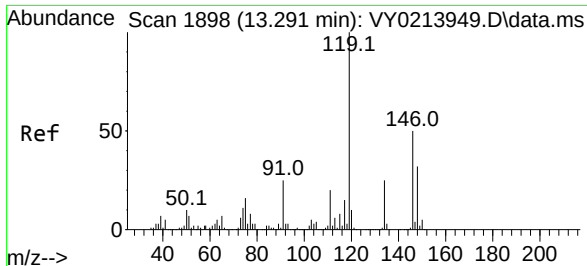
Tgt Ion:105 Resp: 249213
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 20.216 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

Tgt Ion:119 Resp: 207009
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 24.3 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 19.994 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

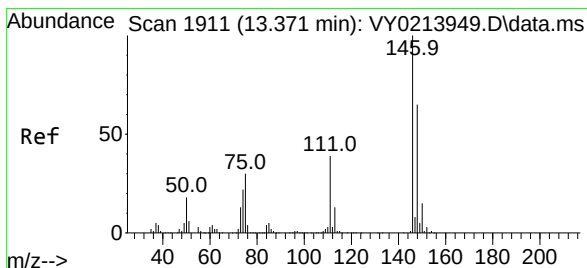
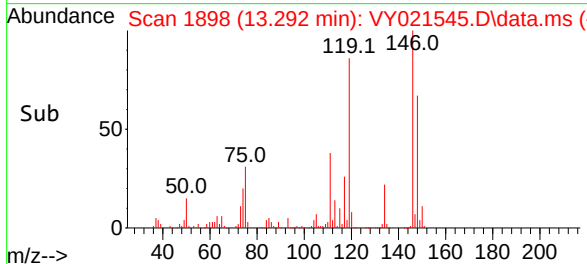
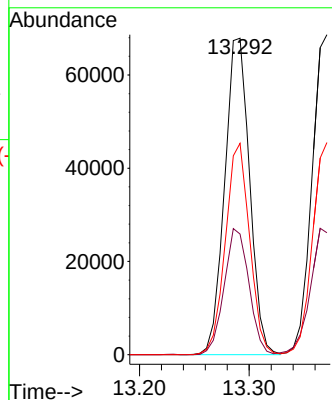
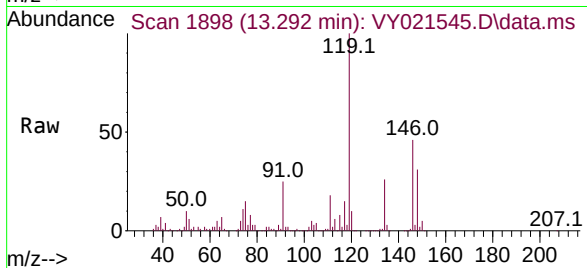
Tgt Ion:146 Resp: 107290

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

148 64.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.412 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

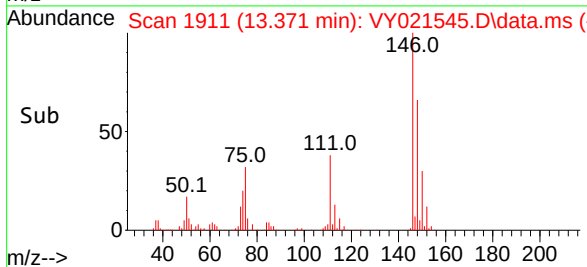
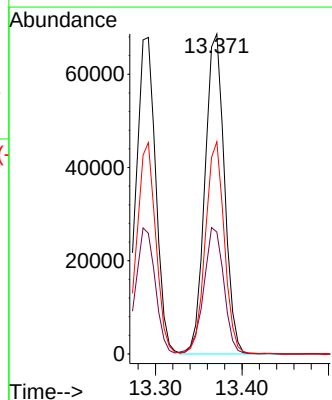
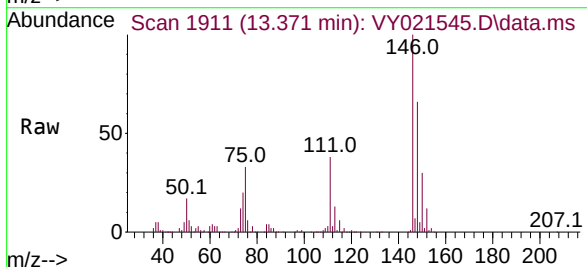
Tgt Ion:146 Resp: 107122

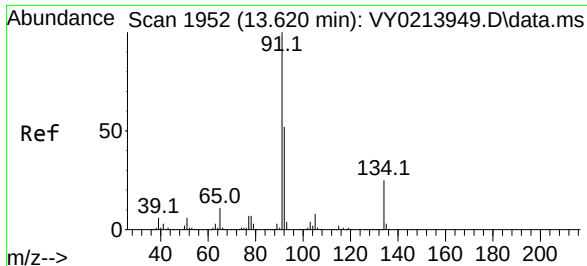
Ion Ratio Lower Upper

146 100

111 40.9 19.6 58.8

148 64.3 32.3 96.8





#89

n-Butylbenzene

Concen: 19.939 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021545.D

Acq: 17 Mar 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

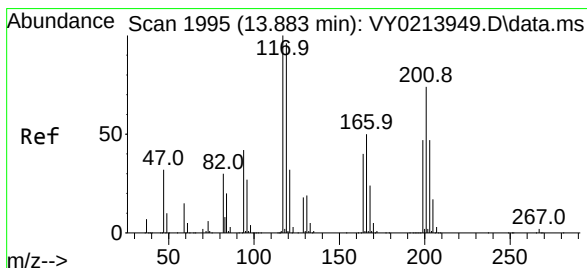
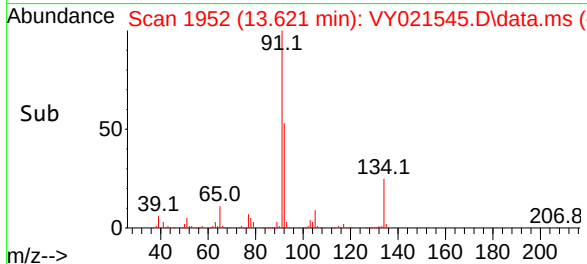
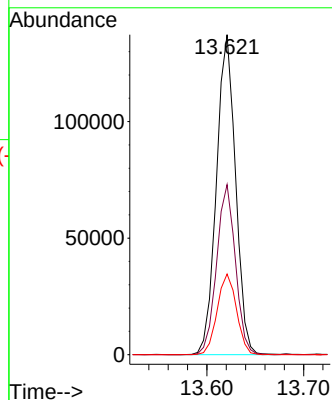
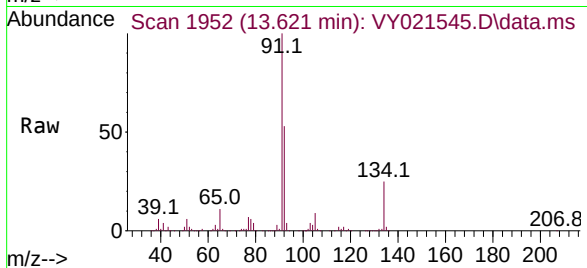
Tgt Ion: 91 Resp: 188538

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.3

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 20.096 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021545.D

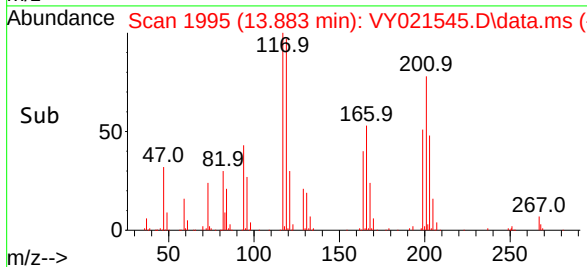
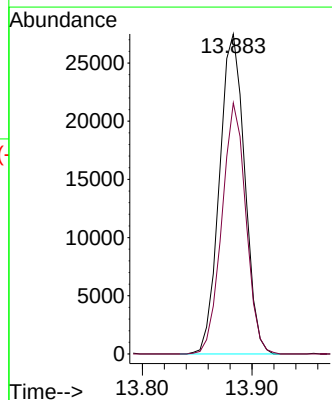
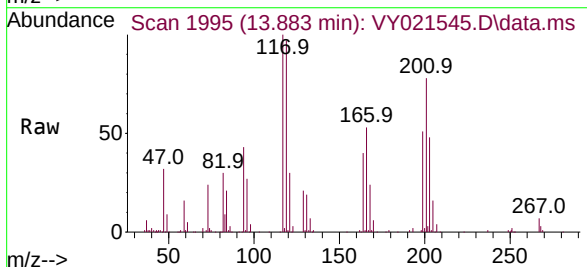
Acq: 17 Mar 2025 12:49

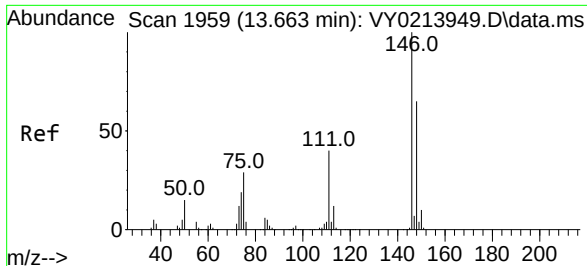
Tgt Ion: 117 Resp: 43899

Ion Ratio Lower Upper

117 100

201 74.7 37.4 112.2

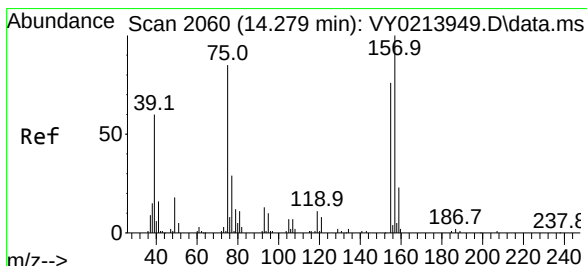
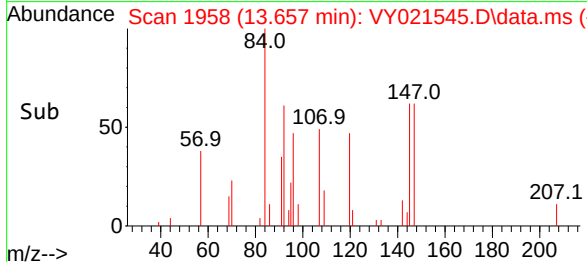
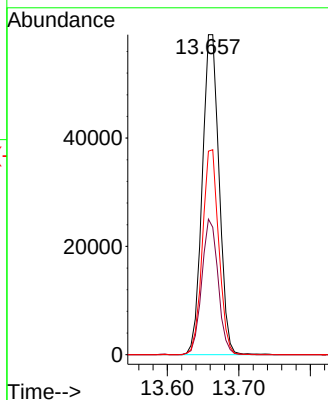
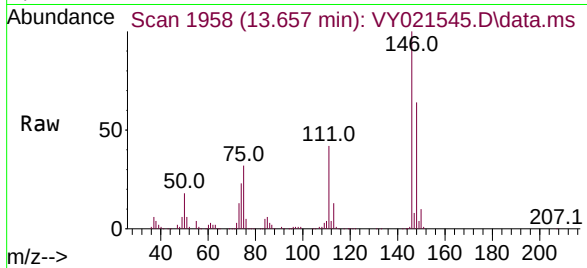




#91
 1,2-Dichlorobenzene
 Concen: 20.993 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

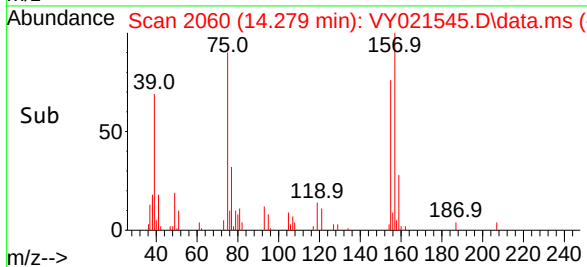
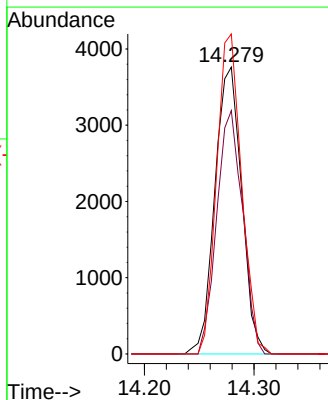
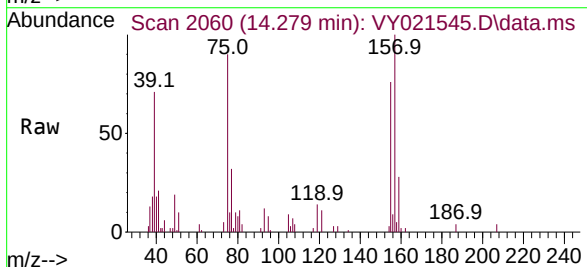
Instrument :
 MSVOA_Y
 ClientSampleId :

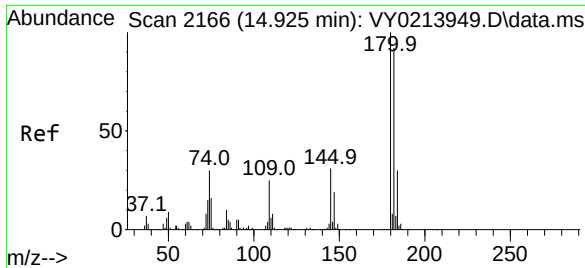
Tgt Ion:146 Resp: 96554
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.7 62.1
 148 62.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.949 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

Tgt Ion: 75 Resp: 6381
 Ion Ratio Lower Upper
 75 100
 155 82.1 43.5 130.5
 157 103.8 54.4 163.2

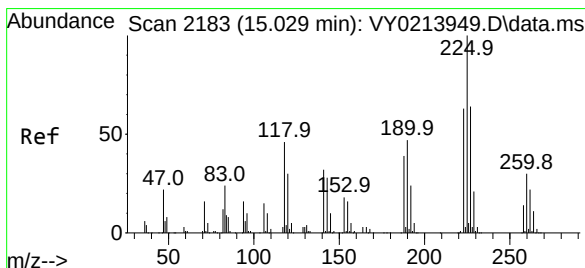
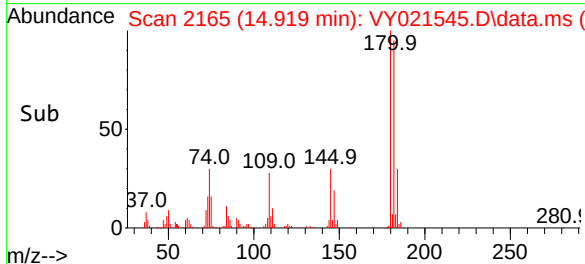
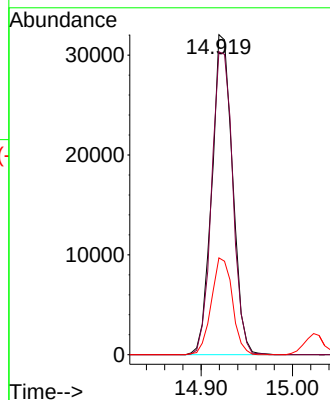
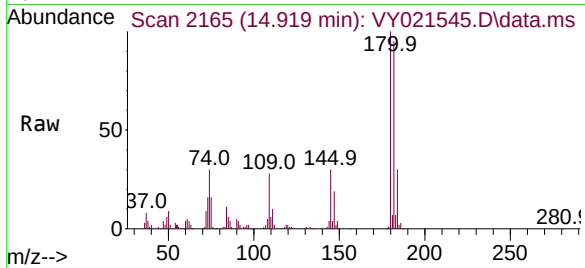




#93
 1,2,4-Trichlorobenzene
 Concen: 20.137 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

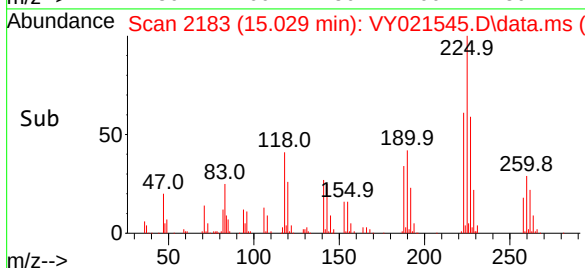
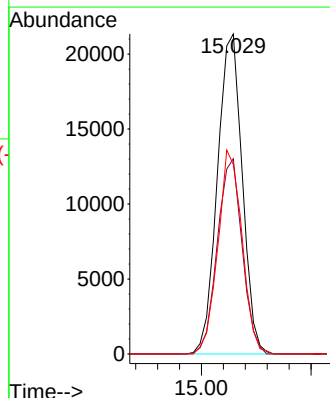
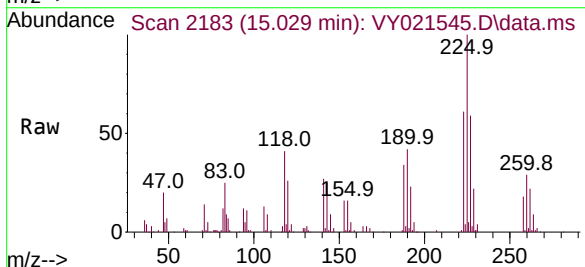
Instrument :
 MSVOA_Y
 ClientSampleId :

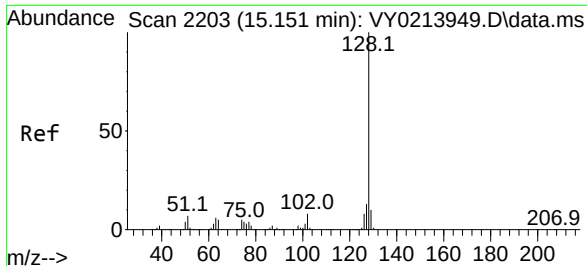
Tgt Ion:180 Resp: 50586
 Ion Ratio Lower Upper
 180 100
 182 96.4 46.7 140.0
 145 30.7 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 21.335 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY021545.D
 Acq: 17 Mar 2025 12:49

Tgt Ion:225 Resp: 33597
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.4 94.2
 227 62.0 31.8 95.4

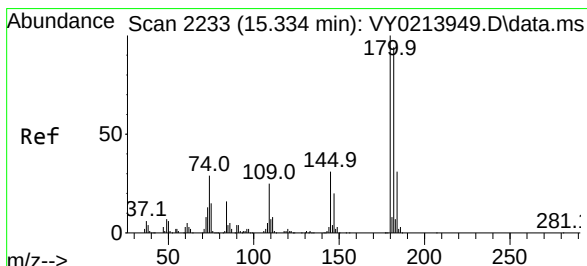
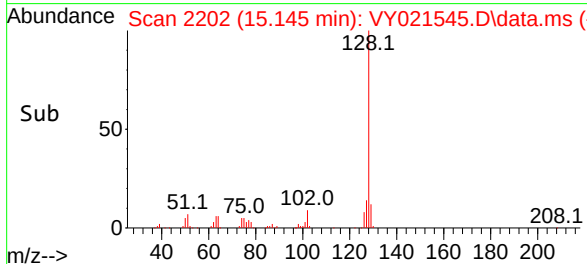
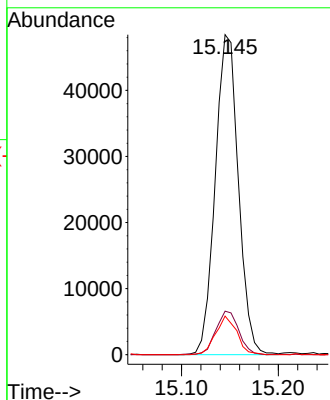
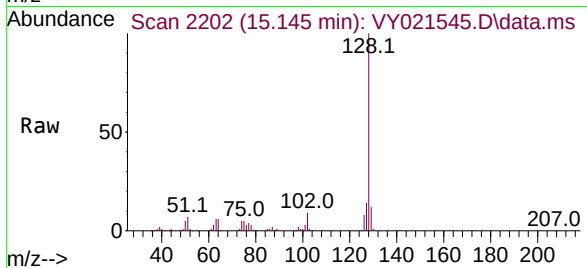




#95
Naphthalene
Concen: 20.966 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 80499
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.753 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021545.D
Acq: 17 Mar 2025 12:49

Tgt Ion:180 Resp: 43848
Ion Ratio Lower Upper
180 100
182 93.7 47.2 141.6
145 31.8 16.4 49.1

