

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
 Data File : VY023049.D
 Acq On : 12 Aug 2025 14:32
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 13 01:09:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 01:08:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	590567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	940141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	773123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	355667	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	26045	4.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	8.760%#
35) Dibromofluoromethane	7.628	113	27760	4.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.360%#
50) Toluene-d8	10.103	98	104834	4.469	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	8.940%#
62) 4-Bromofluorobenzene	12.401	95	33547	4.505	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.000%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	28919	5.811	ug/l	92
3) Chloromethane	2.068	50	44371	5.217	ug/l	98
4) Vinyl Chloride	2.202	62	54151	5.064	ug/l	99
5) Bromomethane	2.592	94	40937	5.269	ug/l	97
6) Chloroethane	2.732	64	34730	4.869	ug/l	99
7) Trichlorofluoromethane	3.049	101	65463	5.251	ug/l	99
8) Diethyl Ether	3.452	74	17163	5.221	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.811	101	31509	4.843	ug/l	96
10) Methyl Iodide	4.000	142	29295	4.306	ug/l	98
11) Tert butyl alcohol	4.848	59	8686	23.717	ug/l #	71
12) 1,1-Dichloroethene	3.781	96	30804	4.930	ug/l	97
13) Acrolein	3.647	56	14128	57.927	ug/l	97
14) Allyl chloride	4.372	41	42148	4.459	ug/l	95
15) Acrylonitrile	5.049	53	30265	24.061	ug/l	98
16) Acetone	3.866	43	31494	27.755	ug/l	100
17) Carbon Disulfide	4.098	76	101363	5.301	ug/l	98
18) Methyl Acetate	4.378	43	14886	4.060	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	69478	4.589	ug/l	99
20) Methylene Chloride	4.610	84	52950	5.243	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	32783	4.705	ug/l	93
22) Diisopropyl ether	6.012	45	87457	4.347	ug/l	91
23) Vinyl Acetate	5.957	43	234186	22.766	ug/l	99
24) 1,1-Dichloroethane	5.909	63	58625	4.651	ug/l	98
25) 2-Butanone	6.890	43	38366	24.105	ug/l	97
26) 2,2-Dichloropropane	6.878	77	53458	4.847	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	37050	4.629	ug/l	98
28) Bromochloromethane	7.238	49	22557	4.627	ug/l	94
29) Tetrahydrofuran	7.262	42	22452	22.549	ug/l	98
30) Chloroform	7.415	83	59850	4.691	ug/l	96
31) Cyclohexane	7.695	56	62294	5.289	ug/l #	85
32) 1,1,1-Trichloroethane	7.610	97	53127	4.607	ug/l	99
36) 1,1-Dichloropropene	7.829	75	44815	4.832	ug/l	98
37) Ethyl Acetate	6.988	43	15862	4.499	ug/l	99
38) Carbon Tetrachloride	7.811	117	49144	4.877	ug/l	99
39) Methylcyclohexane	9.103	83	58660	4.882	ug/l	98
40) Benzene	8.073	78	130907	4.668	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	7510	3.886	ug/l #	83
42) 1,2-Dichloroethane	8.152	62	32424	4.632	ug/l	98
43) Isopropyl Acetate	8.189	43	31834	4.577	ug/l	97
44) Trichloroethene	8.859	130	34679	4.823	ug/l	94
45) 1,2-Dichloropropane	9.134	63	29914	4.569	ug/l	98
46) Dibromomethane	9.225	93	16036	4.677	ug/l	99
47) Bromodichloromethane	9.420	83	43491	4.629	ug/l	97
48) Methyl methacrylate	9.219	41	13829	4.103	ug/l	94
49) 1,4-Dioxane	9.225	88	3660	99.834	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	74587	21.054	ug/l	99
52) Toluene	10.164	92	80069	4.580	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	36014	4.436	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	45100	4.613	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	21053	4.656	ug/l	99
56) Ethyl methacrylate	10.438	69	22720	4.014	ug/l	95
57) 1,3-Dichloropropane	10.713	76	36152	4.641	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	44339	16.206	ug/l	100
59) 2-Hexanone	10.755	43	51329	21.911	ug/l	97
60) Dibromochloromethane	10.908	129	27731	4.684	ug/l	97
61) 1,2-Dibromoethane	11.005	107	19141	4.640	ug/l	99
64) Tetrachloroethene	10.640	164	38947	5.057	ug/l	99
65) Chlorobenzene	11.438	112	88874	4.912	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	28744	4.647	ug/l	100
67) Ethyl Benzene	11.511	91	146374	4.581	ug/l	96
68) m/p-Xylenes	11.621	106	113834	9.281	ug/l	98
69) o-Xylene	11.950	106	52041	4.548	ug/l	96
70) Styrene	11.962	104	80349	4.299	ug/l	98
71) Bromoform	12.127	173	15476	4.820	ug/l #	98
73) Isopropylbenzene	12.249	105	136493	4.626	ug/l	99
74) N-amyl acetate	12.066	43	24805	4.388	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	21356	4.862	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	29203	6.699	ug/l #	100
77) Bromobenzene	12.523	156	31541	4.860	ug/l	95
78) n-propylbenzene	12.590	91	164411	4.678	ug/l	99
79) 2-Chlorotoluene	12.676	91	94567	4.766	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	106466	4.556	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	6726	4.531	ug/l	95
82) 4-Chlorotoluene	12.773	91	96970	4.836	ug/l	100
83) tert-Butylbenzene	12.993	119	99825	4.735	ug/l	98
84) 1,2,4-Trimethylbenzene	13.035	105	106383	4.622	ug/l	98
85) sec-Butylbenzene	13.170	105	146405	4.645	ug/l	99
86) p-Isopropyltoluene	13.285	119	116623	4.543	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	65251	5.007	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	65517	5.172	ug/l	93
89) n-Butylbenzene	13.615	91	110812	4.678	ug/l	98
90) Hexachloroethane	13.877	117	25319	4.764	ug/l	100
91) 1,2-Dichlorobenzene	13.651	146	57262	5.175	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3480	5.323	ug/l	89
93) 1,2,4-Trichlorobenzene	14.913	180	32650	5.505	ug/l	97
94) Hexachlorobutadiene	15.017	225	20710	5.565	ug/l	96
95) Naphthalene	15.139	128	49636	5.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	27865	5.682	ug/l	98

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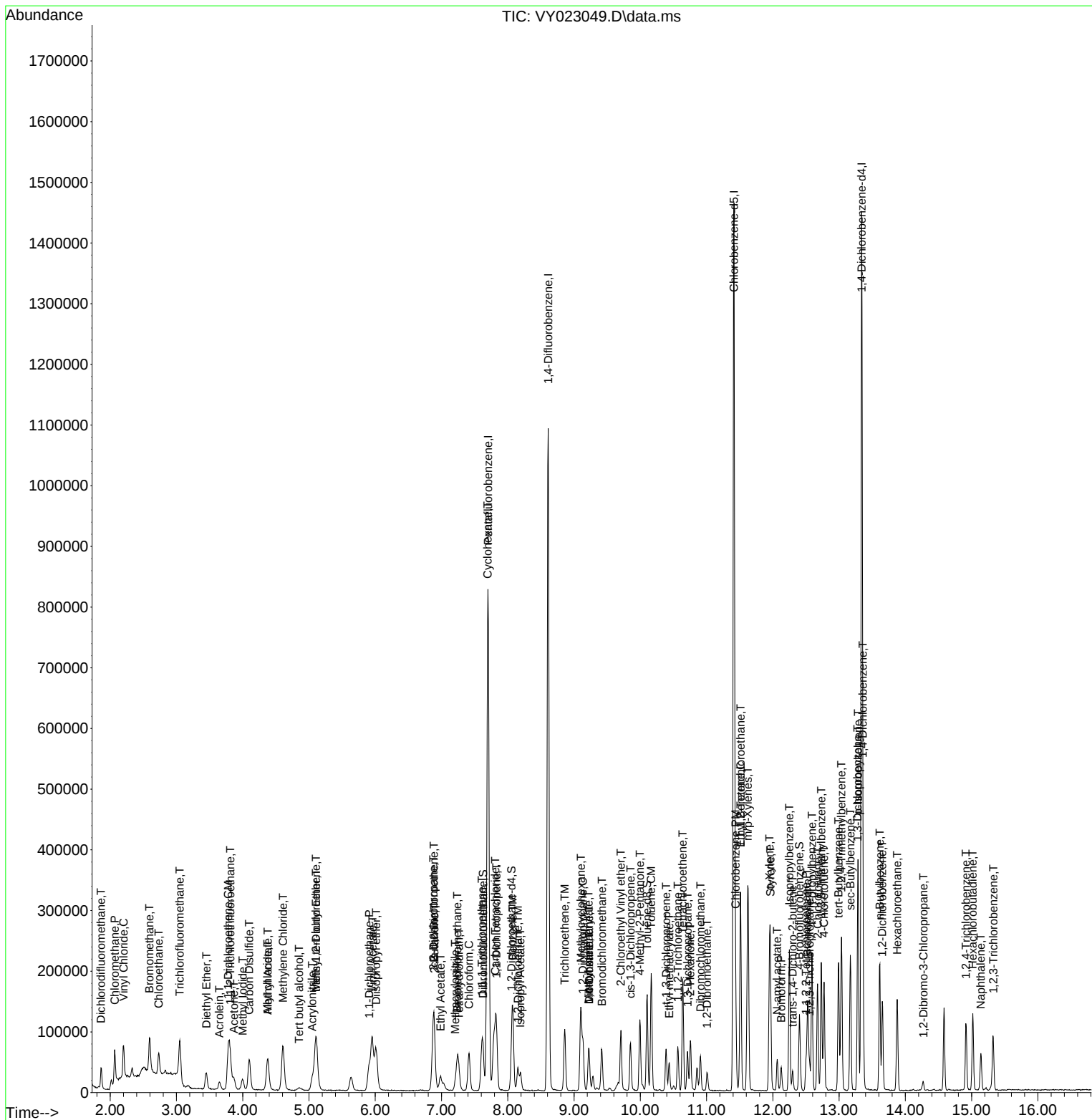
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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

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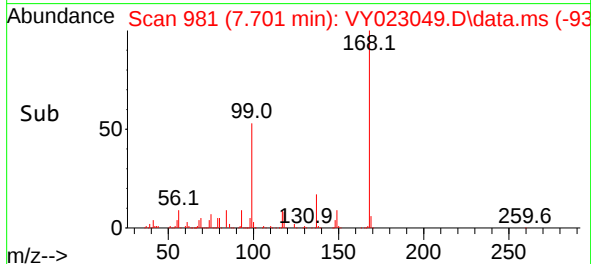
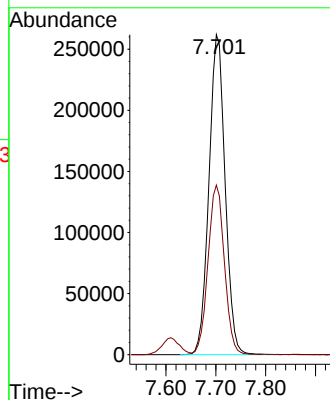
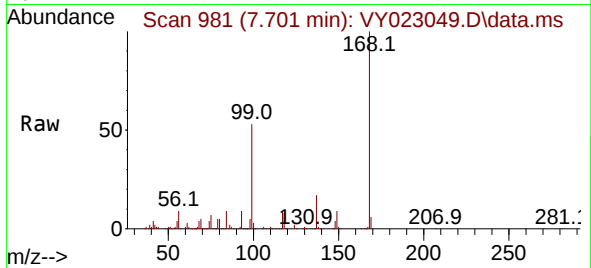




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

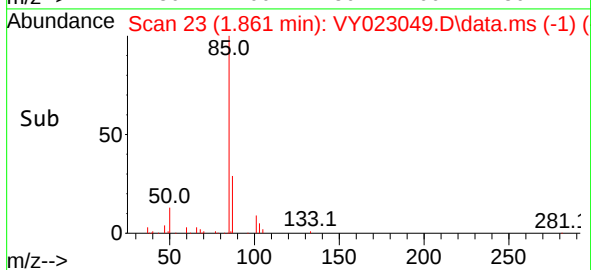
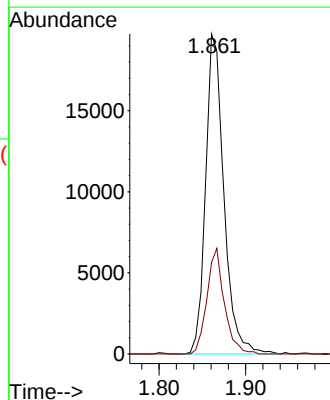
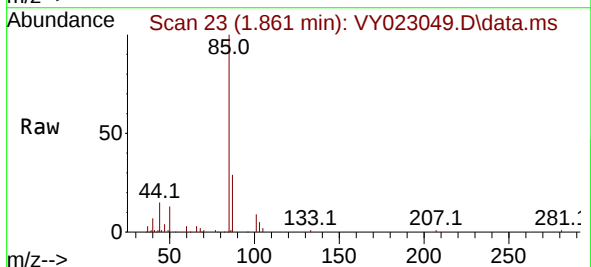
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 590567
Ion Ratio Lower Upper
168 100
99 52.9 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 5.811 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 85 Resp: 28919
Ion Ratio Lower Upper
85 100
87 28.6 16.6 49.8

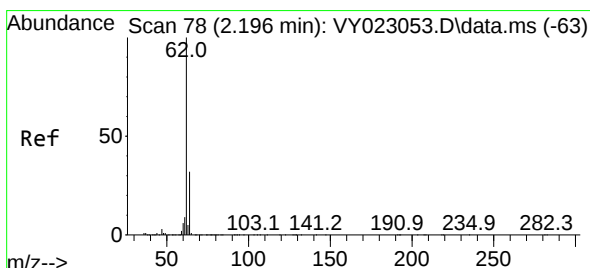
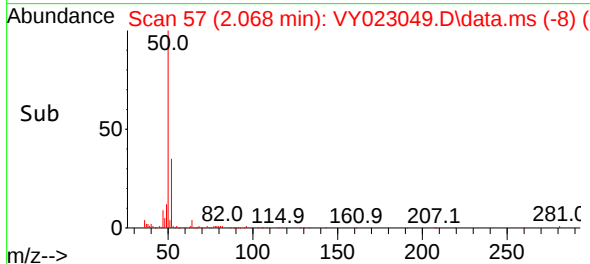
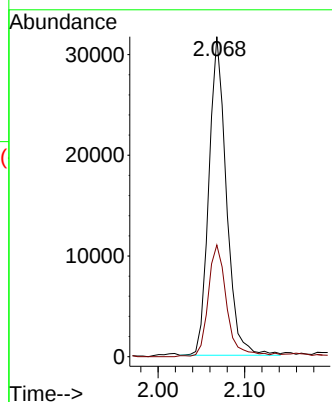
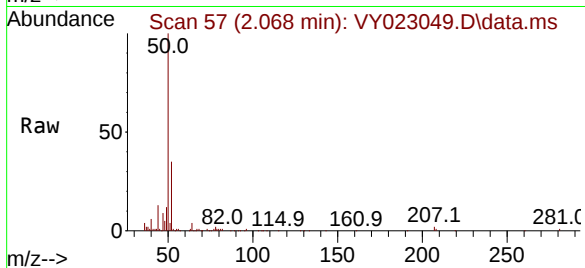




#3
Chloromethane
Concen: 5.217 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

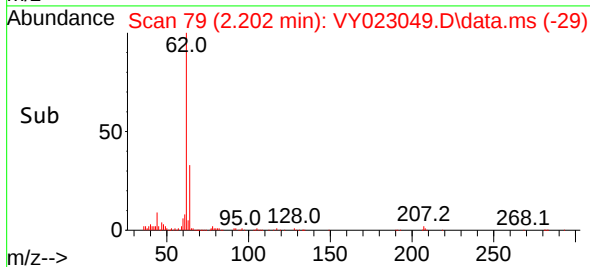
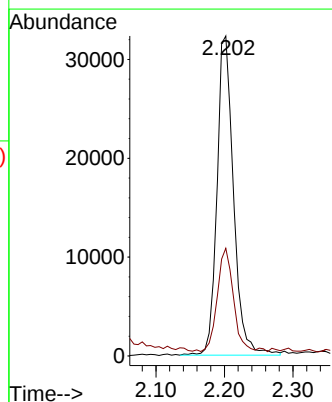
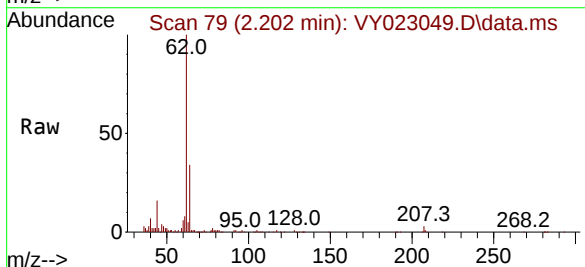
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ClientSampleId :
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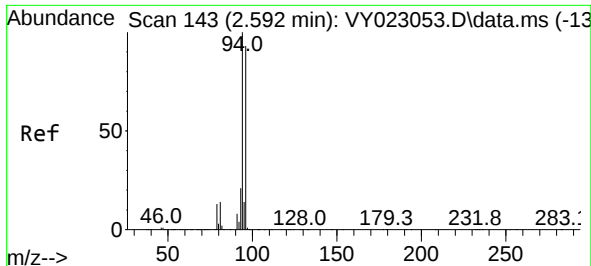
Tgt Ion: 50 Resp: 44371
Ion Ratio Lower Upper
50 100
52 34.8 26.7 40.1



#4
Vinyl Chloride
Concen: 5.064 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 62 Resp: 54151
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

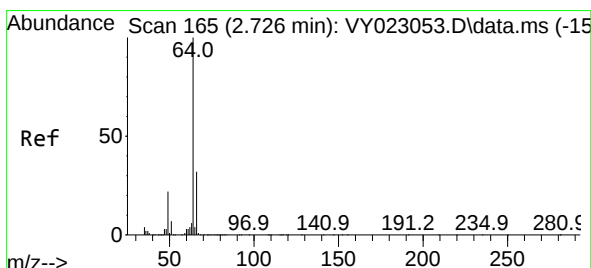
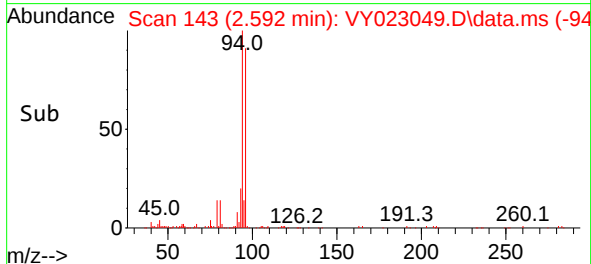
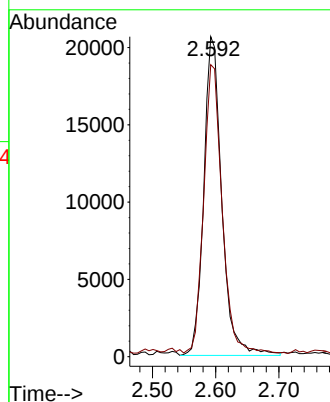
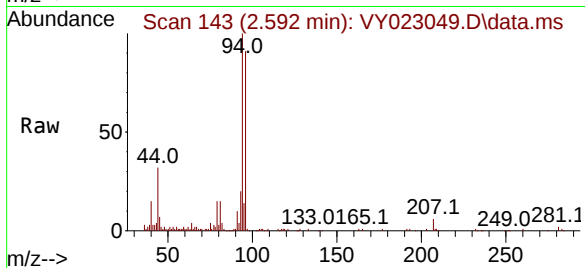




#5
Bromomethane
Concen: 5.269 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

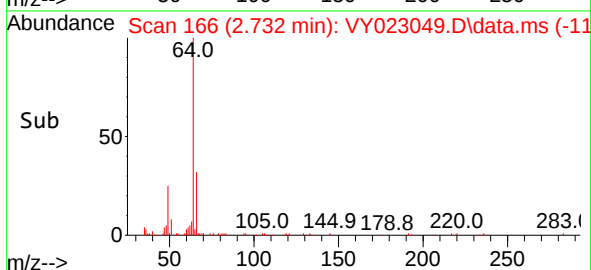
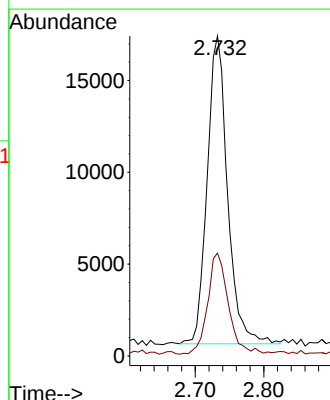
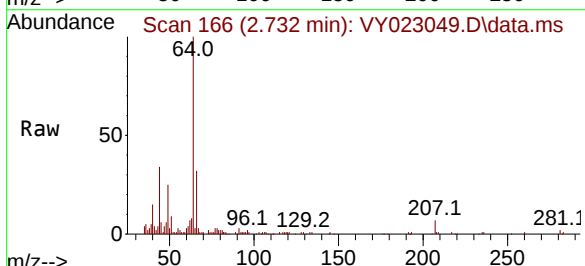
Instrument :
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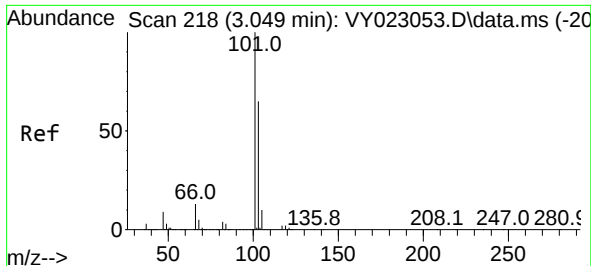
Tgt Ion: 94 Resp: 40937
Ion Ratio Lower Upper
94 100
96 90.3 74.6 112.0



#6
Chloroethane
Concen: 4.869 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 64 Resp: 34730
Ion Ratio Lower Upper
64 100
66 32.8 25.8 38.6

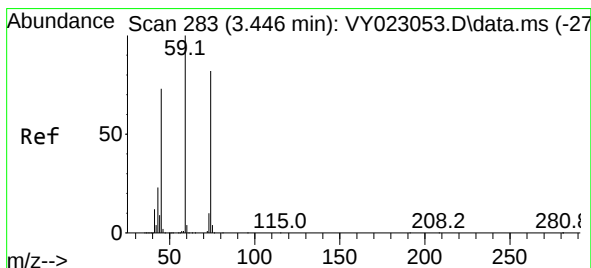
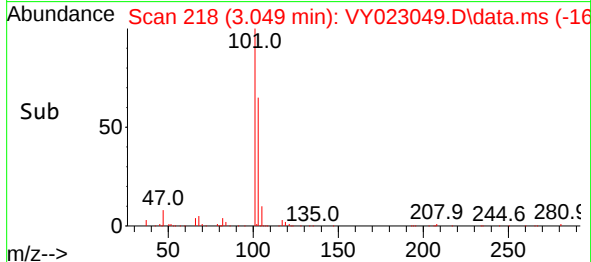
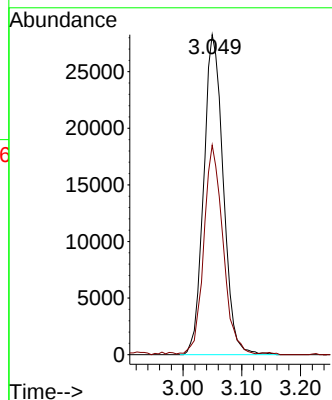
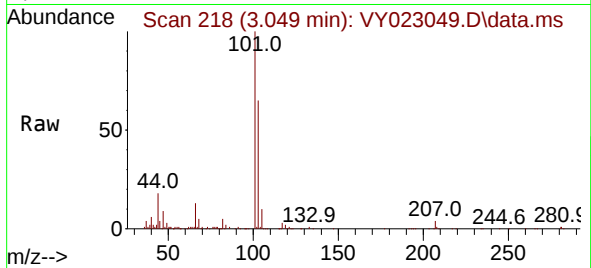




#7
 Trichlorofluoromethane
 Concen: 5.251 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023049.D
 Acq: 12 Aug 2025 14:32

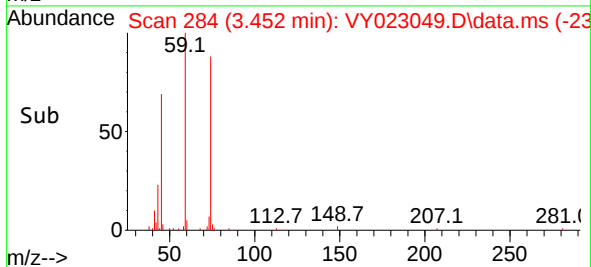
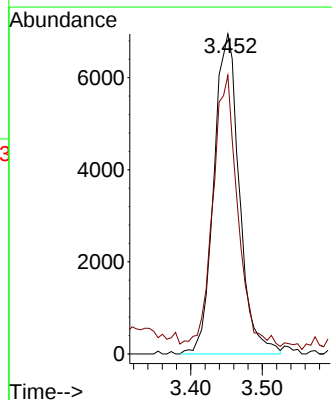
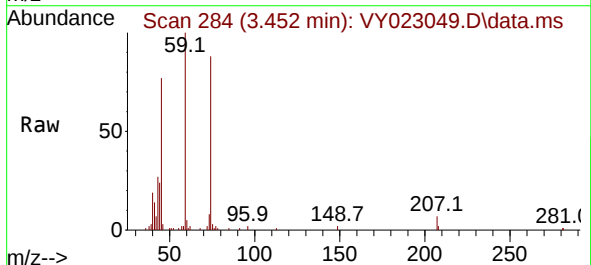
Instrument :
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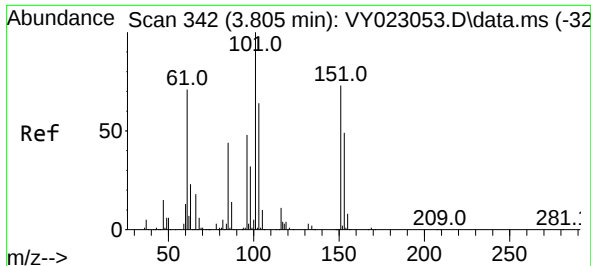
Tgt Ion:101 Resp: 65463
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 5.221 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023049.D
 Acq: 12 Aug 2025 14:32

Tgt Ion: 74 Resp: 17163
 Ion Ratio Lower Upper
 74 100
 45 82.0 44.4 133.2

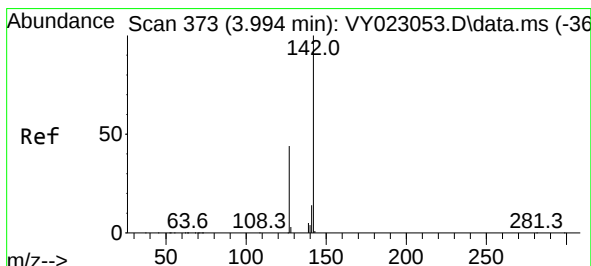
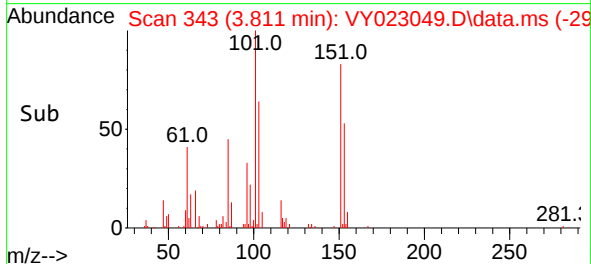
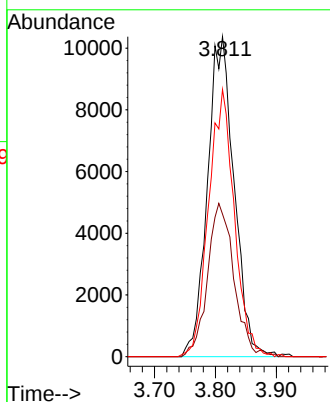
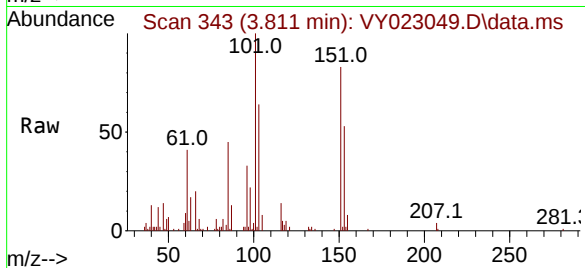




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.843 ug/l
RT: 3.811 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

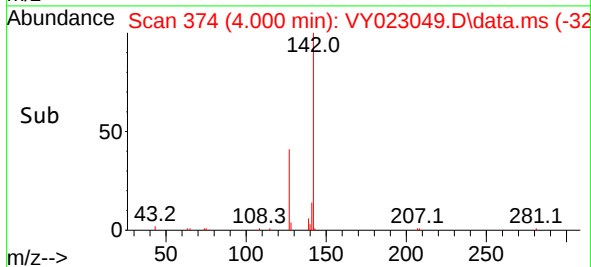
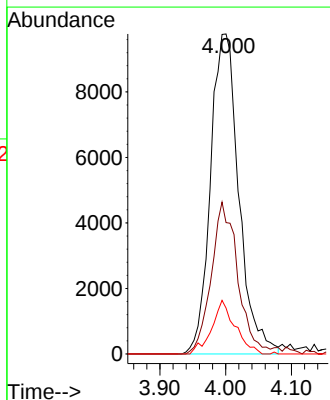
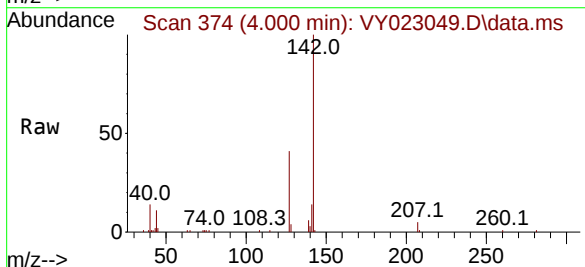
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 31509
Ion Ratio Lower Upper
101 100
85 47.6 36.3 54.5
151 80.7 61.5 92.3



#10
Methyl Iodide
Concen: 4.306 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion:142 Resp: 29295
Ion Ratio Lower Upper
142 100
127 44.9 34.9 52.3
141 13.9 11.3 16.9

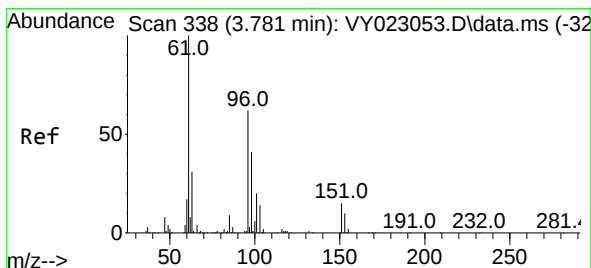
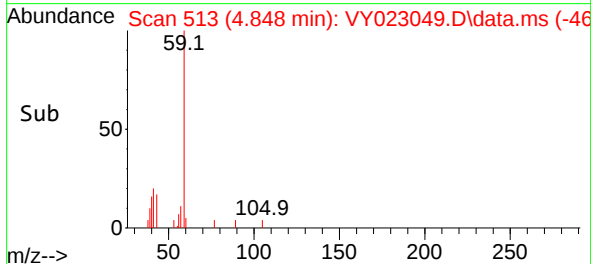
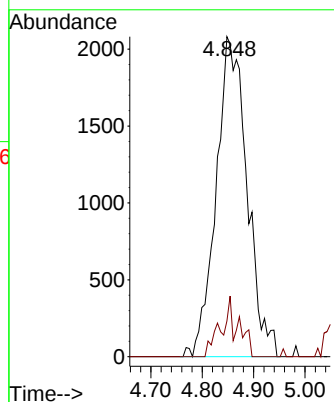
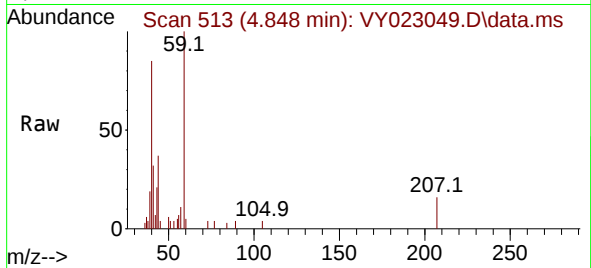




#11
Tert butyl alcohol
Concen: 23.717 ug/l
RT: 4.848 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

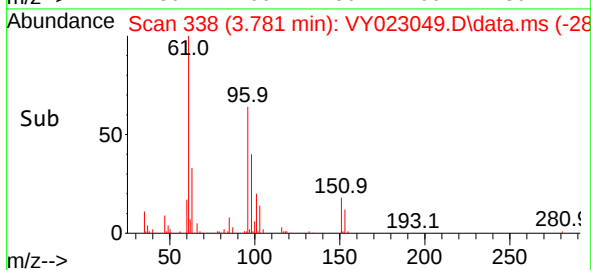
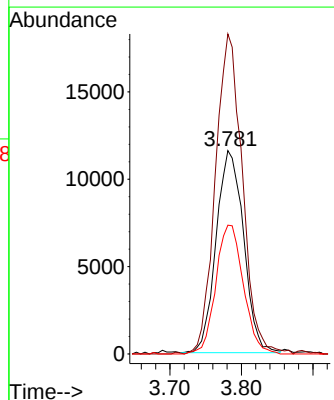
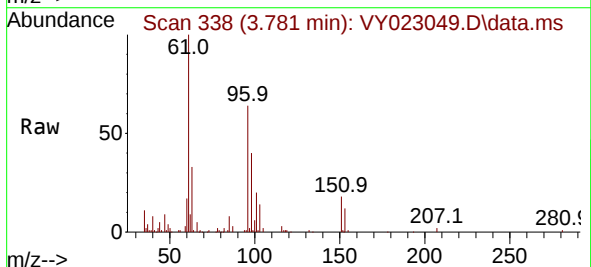
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

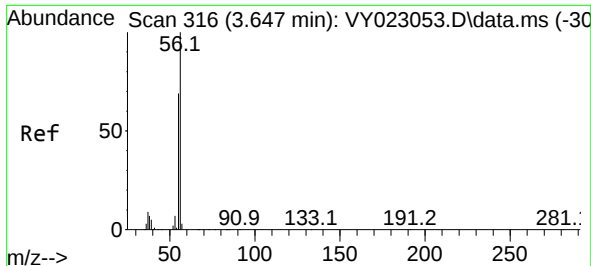
Tgt Ion: 59 Resp: 8686
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 4.930 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 96 Resp: 30804
Ion Ratio Lower Upper
96 100
61 157.8 129.4 194.2
98 63.8 52.8 79.2

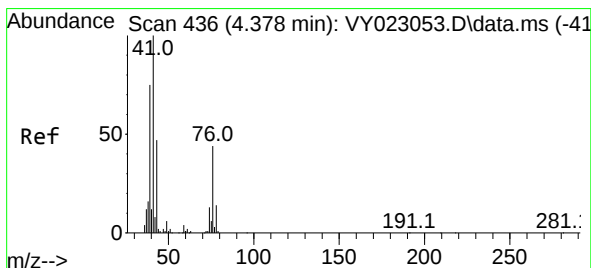
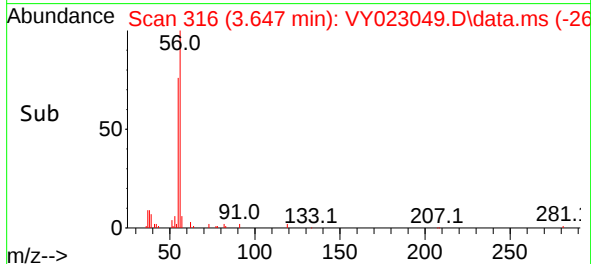
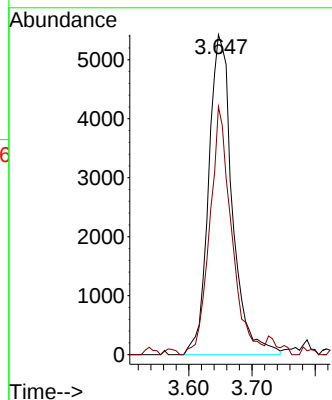
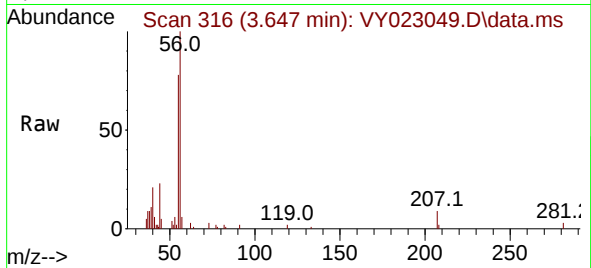




#13
Acrolein
Concen: 57.927 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

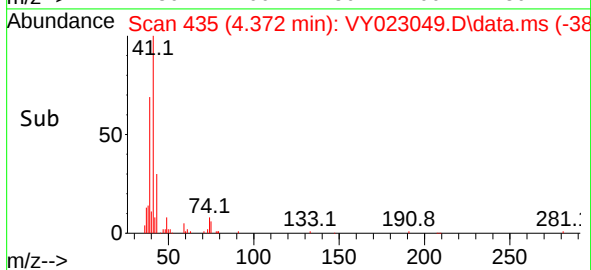
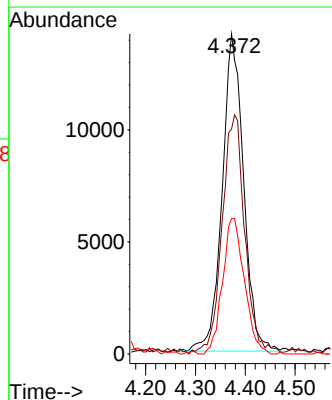
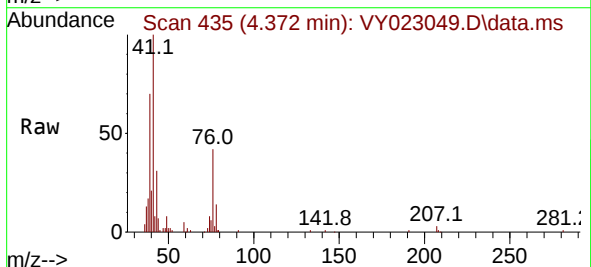
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

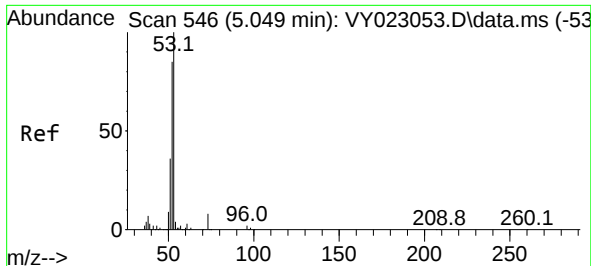
Tgt Ion: 56 Resp: 14128
Ion Ratio Lower Upper
56 100
55 71.3 55.2 82.8



#14
Allyl chloride
Concen: 4.459 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 41 Resp: 42148
Ion Ratio Lower Upper
41 100
39 80.1 59.8 89.6
76 43.6 33.7 50.5

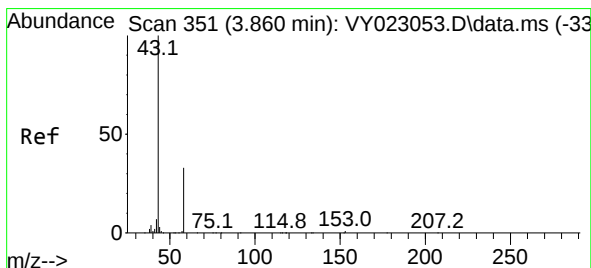
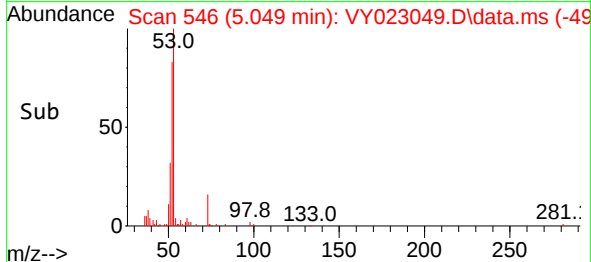
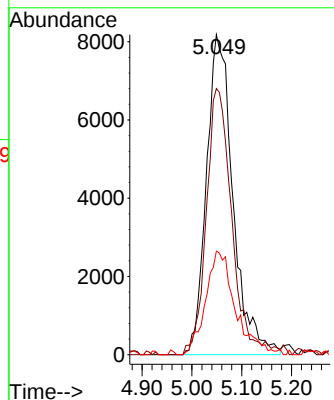
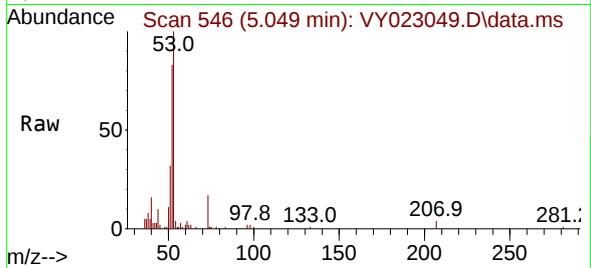




#15
Acrylonitrile
Concen: 24.061 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

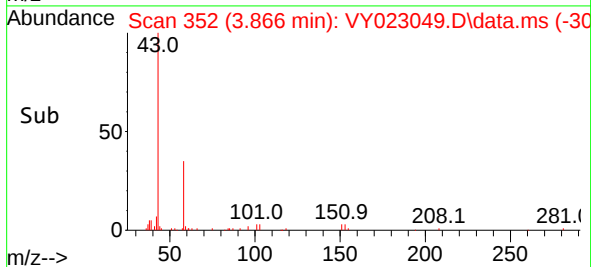
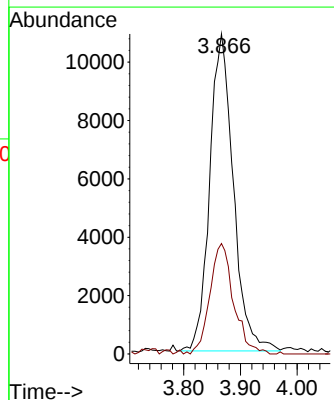
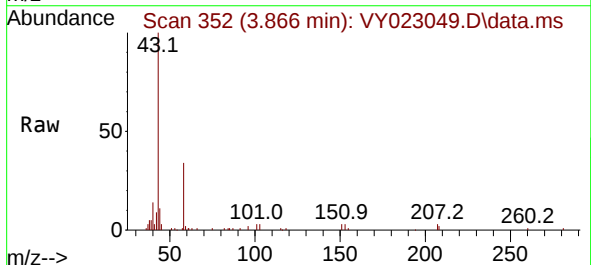
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

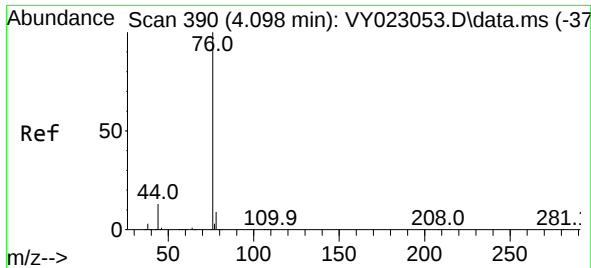
Tgt Ion: 53	Resp:	30265	
Ion	Ratio	Lower	Upper
53	100		
52	79.7	65.3	97.9
51	36.2	29.5	44.3



#16
Acetone
Concen: 27.755 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 43	Resp: 31494
Ion Ratio	Lower Upper
43 100	
58 34.2	27.1 40.7





#17

Carbon Disulfide

Concen: 5.301 ug/l

RT: 4.098 min Scan# 390

Delta R.T. -0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

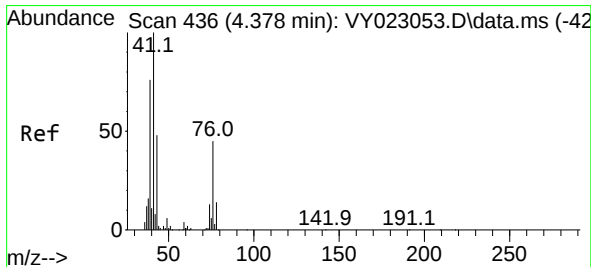
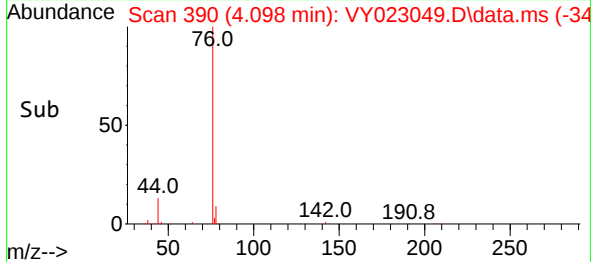
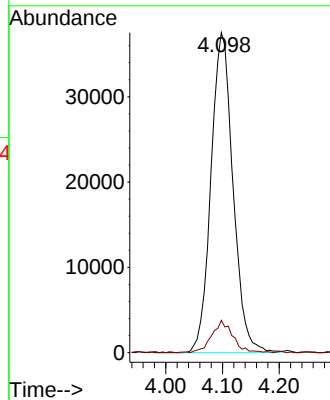
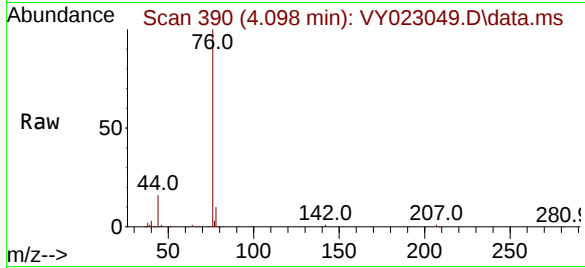
VSTDICC005

Tgt Ion: 76 Resp: 101363

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.2



#18

Methyl Acetate

Concen: 4.060 ug/l

RT: 4.378 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY023049.D

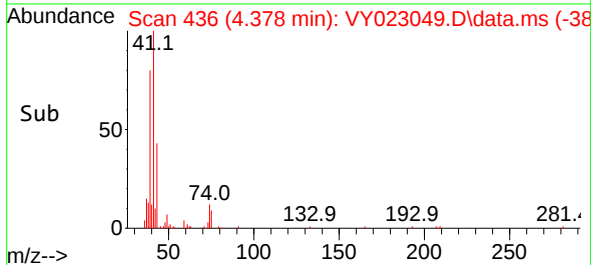
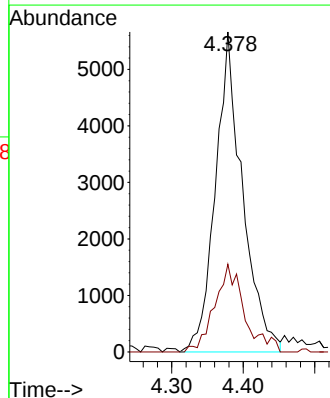
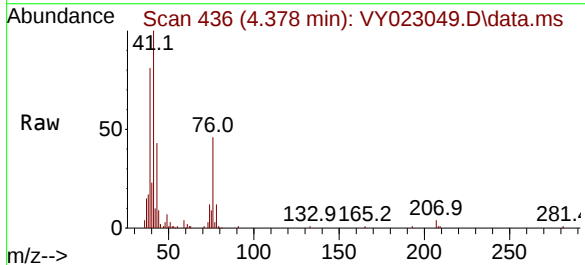
Acq: 12 Aug 2025 14:32

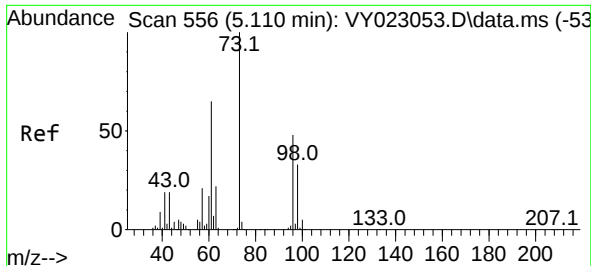
Tgt Ion: 43 Resp: 14886

Ion Ratio Lower Upper

43 100

74 29.9 21.2 31.8

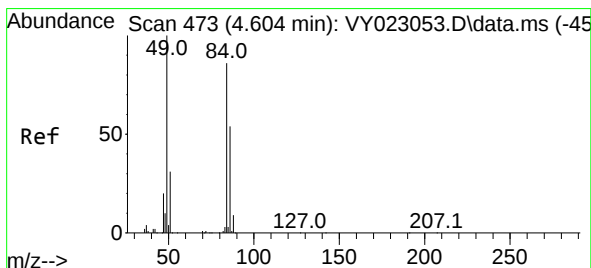
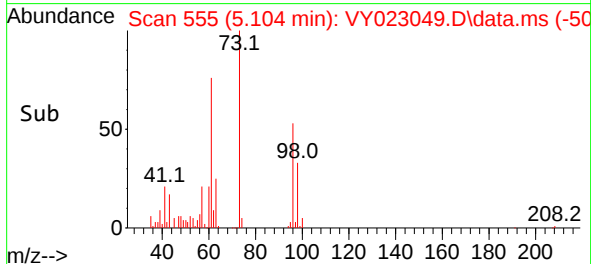
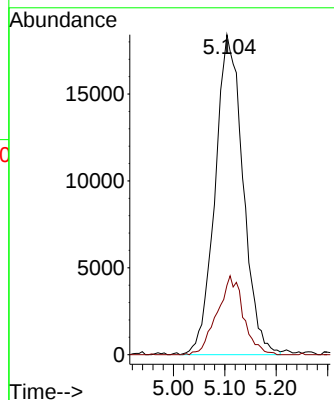
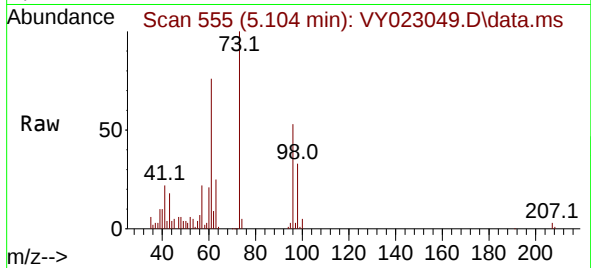




#19
Methyl tert-butyl Ether
Concen: 4.589 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

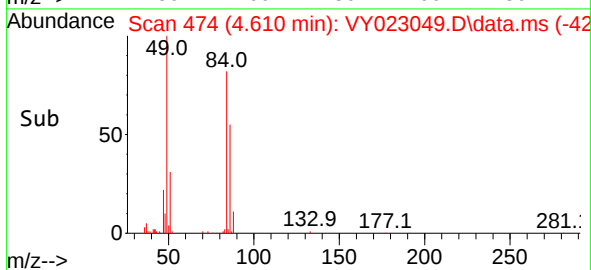
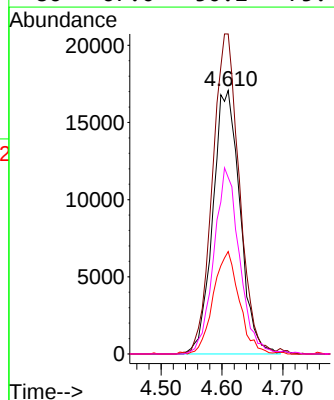
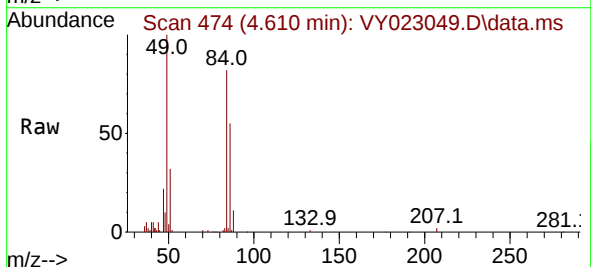
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

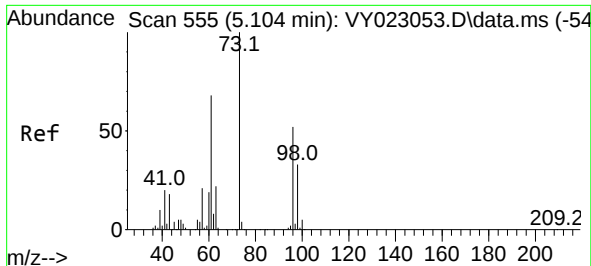
Tgt Ion: 73 Resp: 69478
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#20
Methylene Chloride
Concen: 5.243 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 84 Resp: 52950
Ion Ratio Lower Upper
84 100
49 121.2 93.0 139.6
51 38.2 29.0 43.4
86 67.0 50.2 75.4

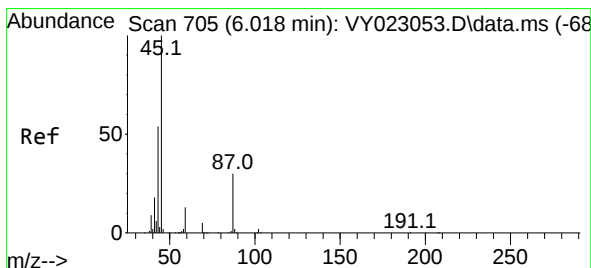
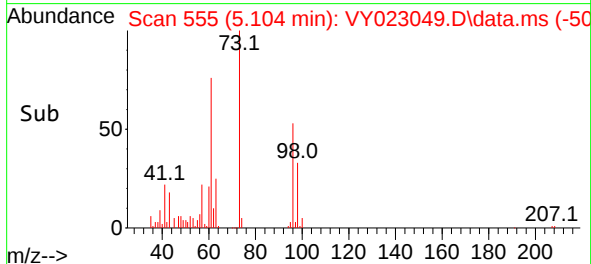
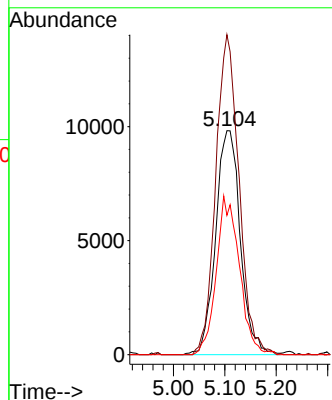
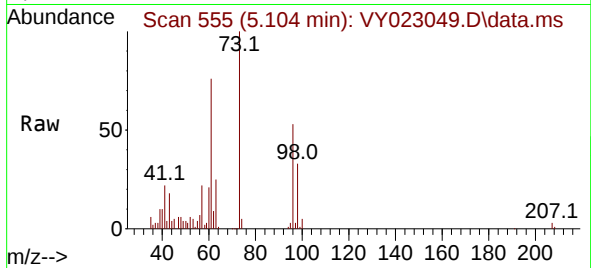




#21
trans-1,2-Dichloroethene
Concen: 4.705 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

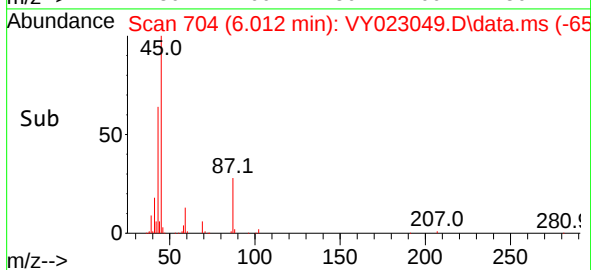
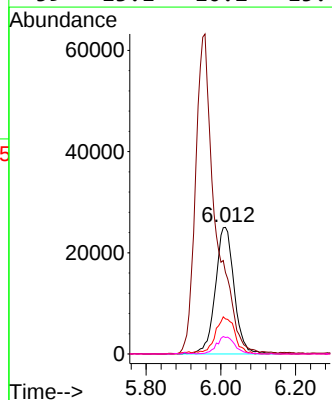
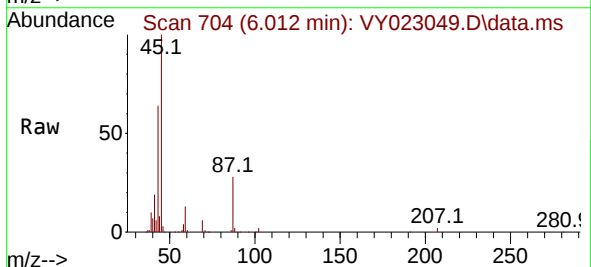
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

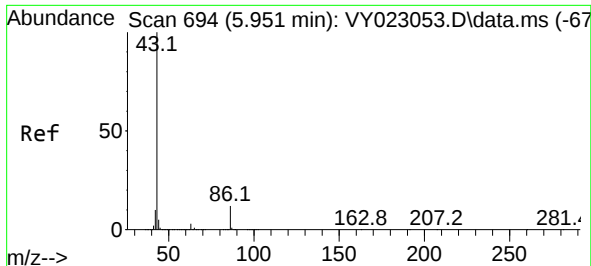
Tgt Ion: 96 Resp: 32783
Ion Ratio Lower Upper
96 100
61 142.8 104.8 157.2
98 62.2 50.1 75.1



#22
Diisopropyl ether
Concen: 4.347 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 45 Resp: 87457
Ion Ratio Lower Upper
45 100
43 63.2 43.4 65.0
87 27.6 24.4 36.6
59 13.1 10.2 15.4

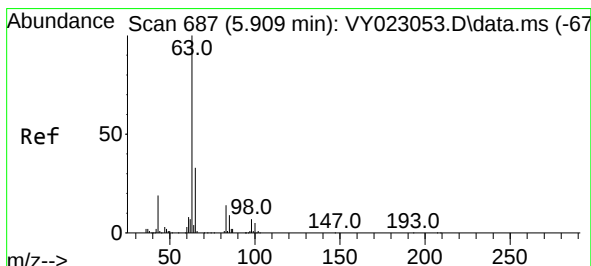
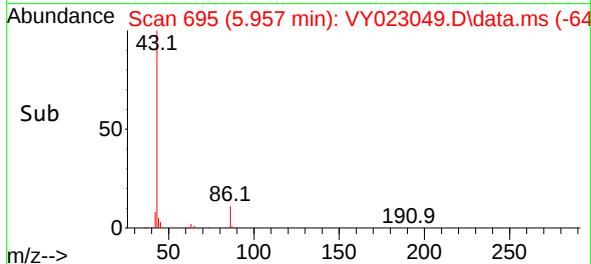
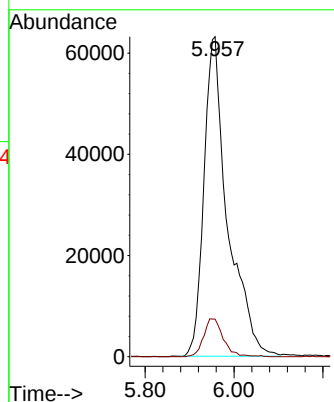
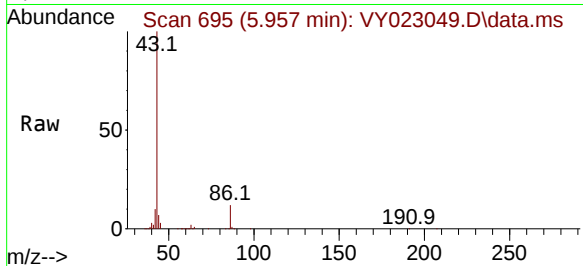




#23
 Vinyl Acetate
 Concen: 22.766 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY023049.D
 Acq: 12 Aug 2025 14:32

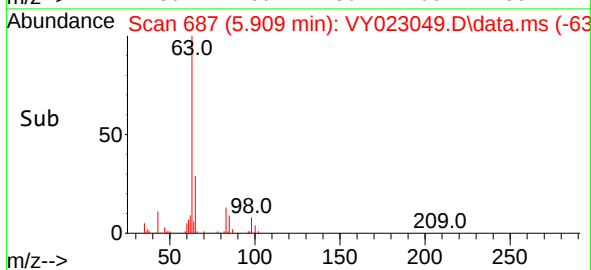
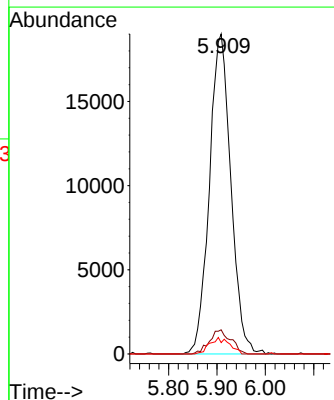
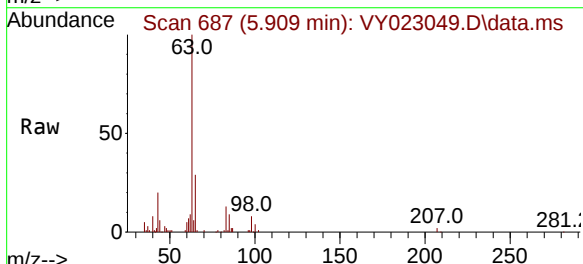
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

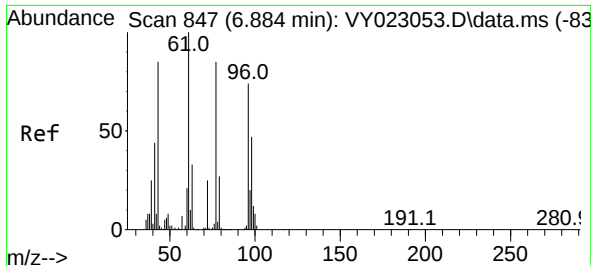
Tgt Ion: 43 Resp: 234186
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 4.651 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY023049.D
 Acq: 12 Aug 2025 14:32

Tgt Ion: 63 Resp: 58625
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 3.6 2.4 7.1

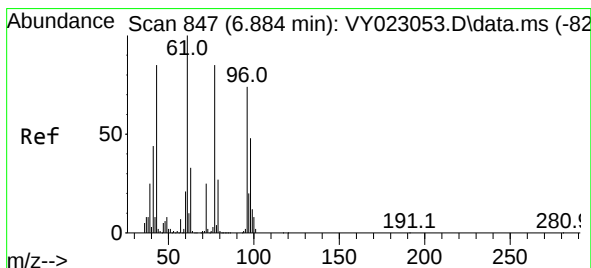
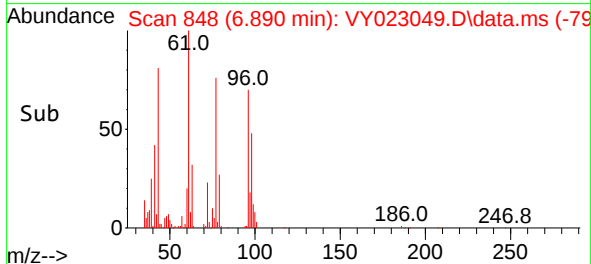
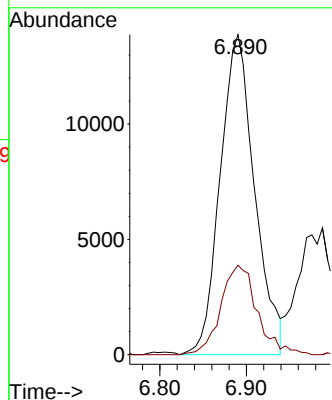
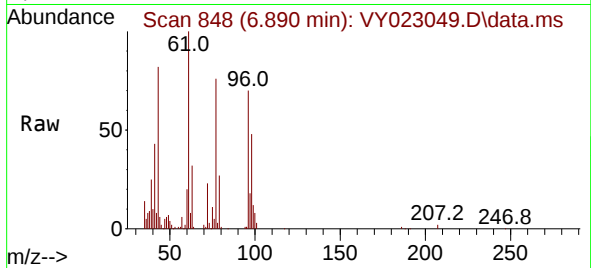




#25
2-Butanone
Concen: 24.105 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

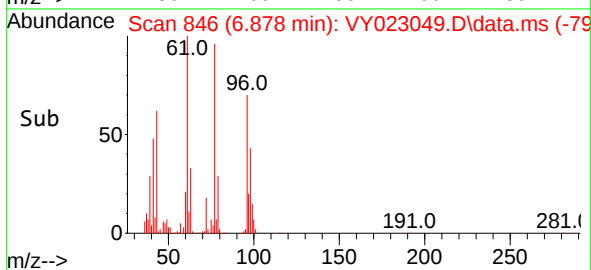
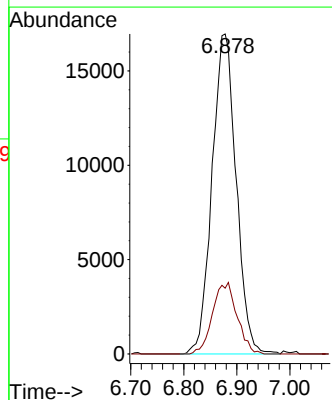
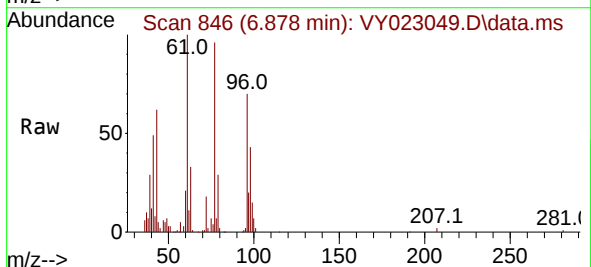
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

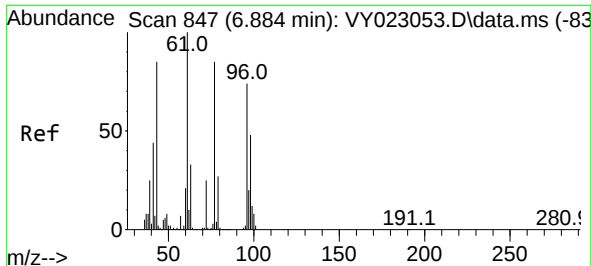
Tgt Ion: 43 Resp: 38366
Ion Ratio Lower Upper
43 100
72 27.9 23.5 35.3



#26
2,2-Dichloropropane
Concen: 4.847 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 77 Resp: 53458
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 4.629 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

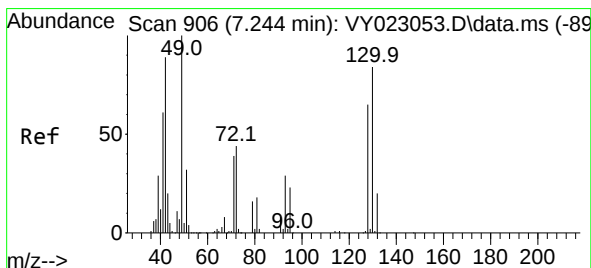
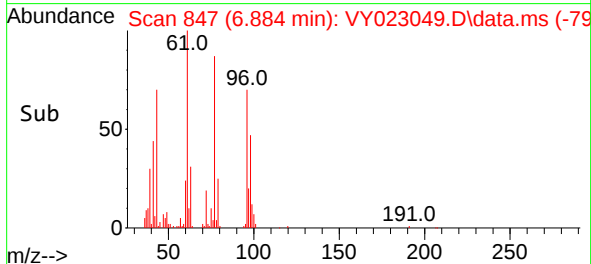
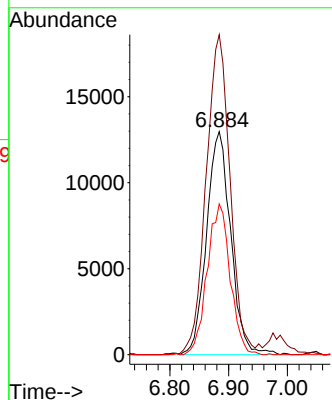
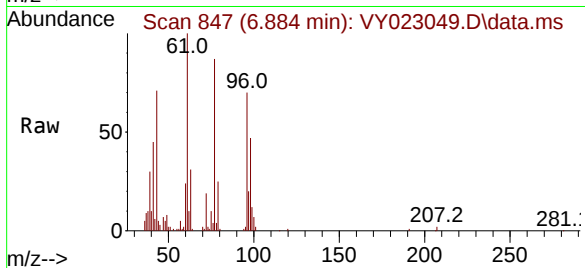
Tgt Ion: 96 Resp: 37050

Ion Ratio Lower Upper

96 100

61 142.0 0.0 278.6

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 4.627 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

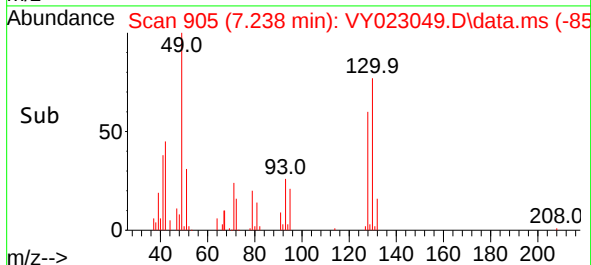
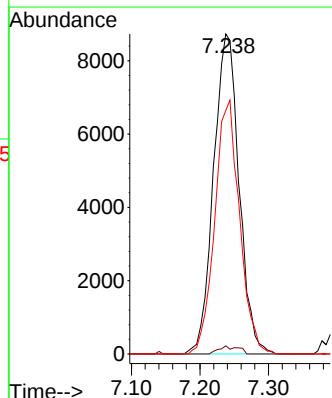
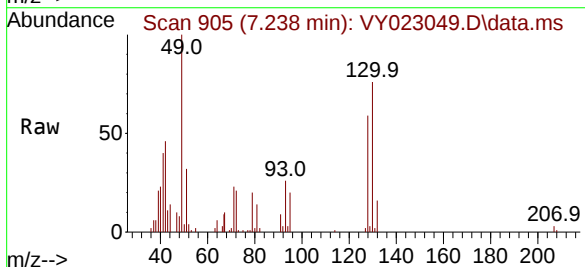
Tgt Ion: 49 Resp: 22557

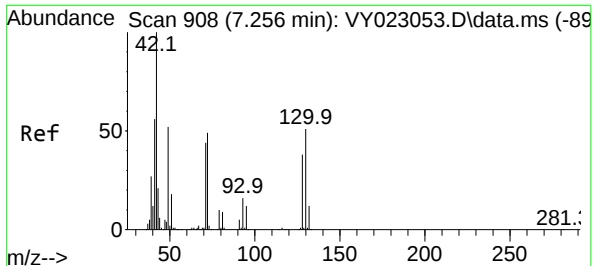
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 77.2 66.4 99.6





#29

Tetrahydrofuran

Concen: 22.549 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

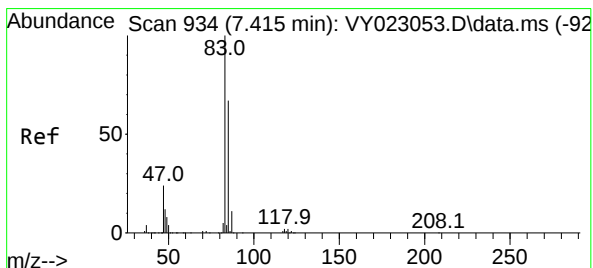
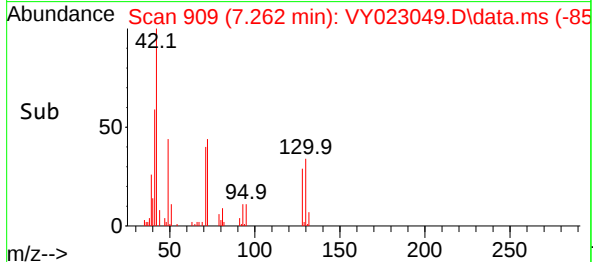
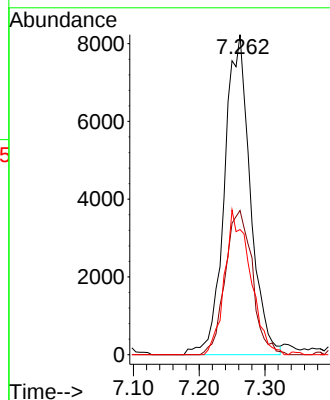
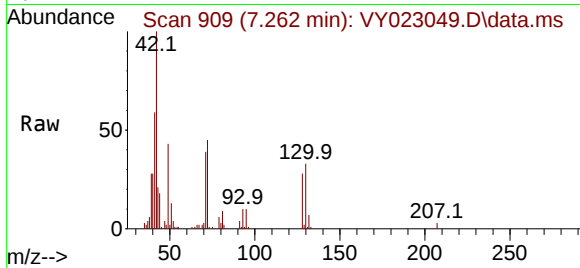
Tgt Ion: 42 Resp: 22452

Ion Ratio Lower Upper

42 100

72 47.3 39.4 59.2

71 44.8 36.5 54.7



#30

Chloroform

Concen: 4.691 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY023049.D

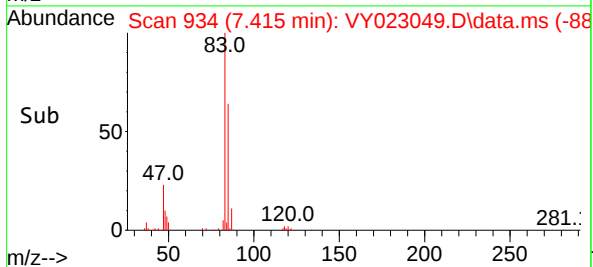
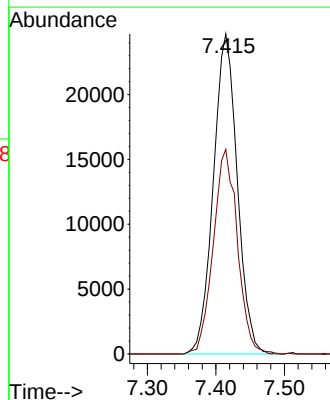
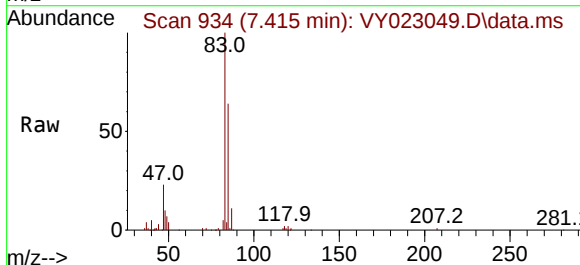
Acq: 12 Aug 2025 14:32

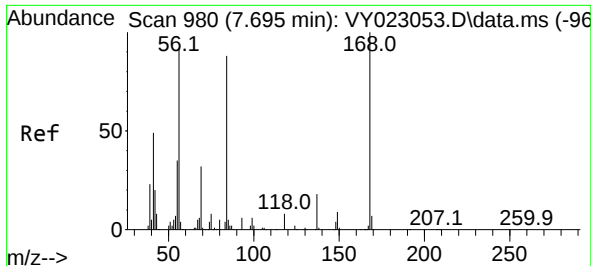
Tgt Ion: 83 Resp: 59850

Ion Ratio Lower Upper

83 100

85 63.9 53.8 80.8

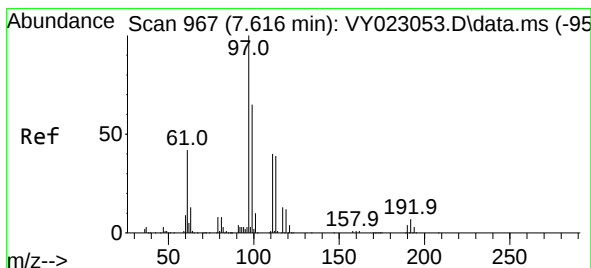
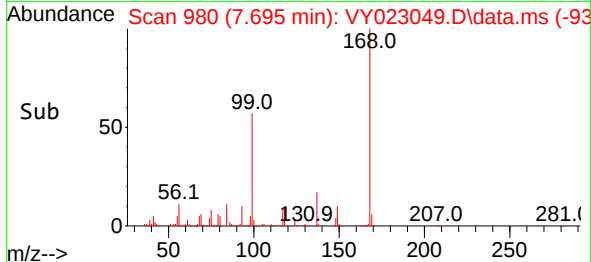
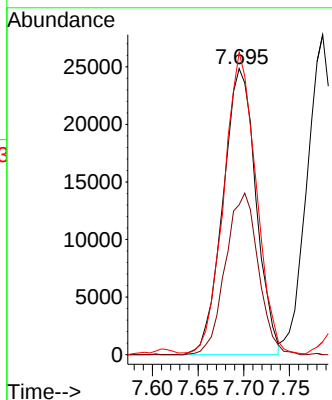
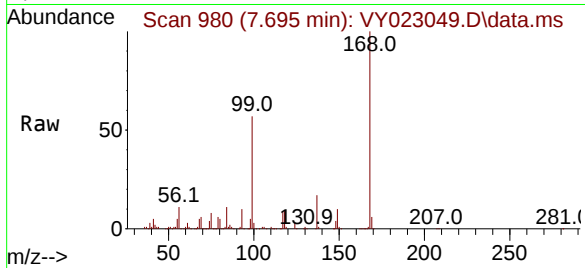




#31
Cyclohexane
Concen: 5.289 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

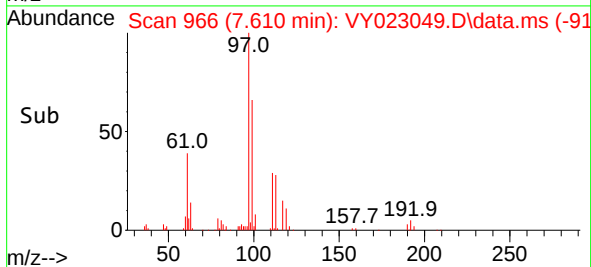
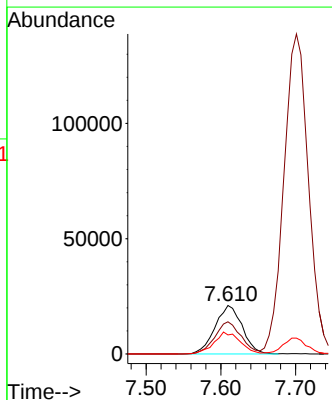
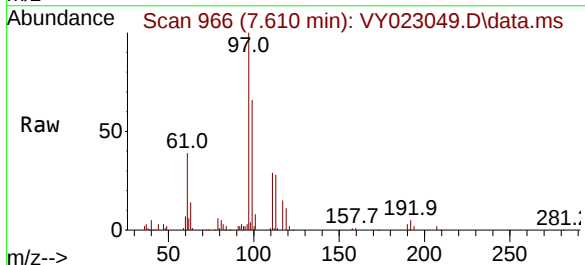
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 62294
Ion Ratio Lower Upper
56 100
69 52.4 28.2 42.2#
84 105.1 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 4.607 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 97 Resp: 53127
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 43.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 4.377 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

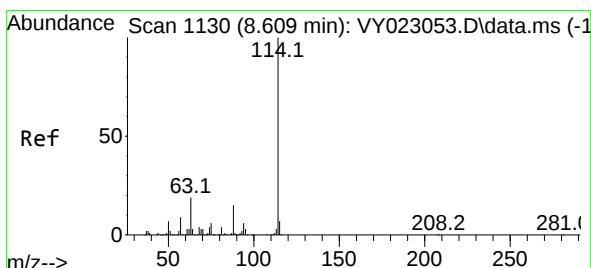
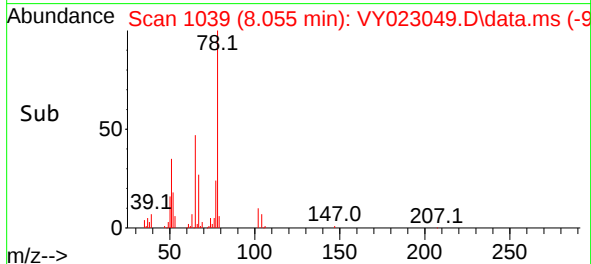
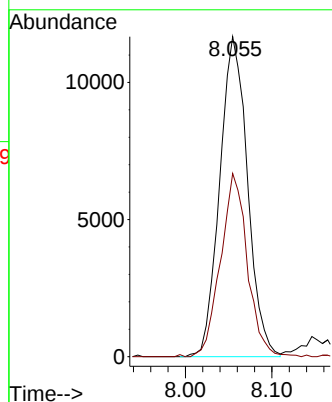
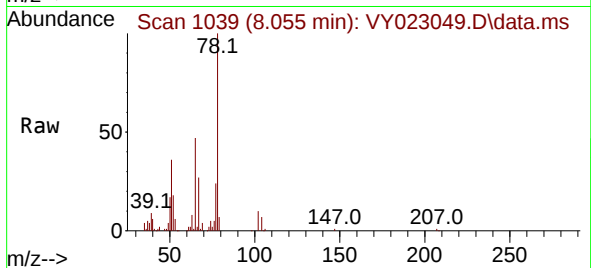
VSTDICC005

Tgt Ion: 65 Resp: 26045

Ion Ratio Lower Upper

65 100

67 55.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

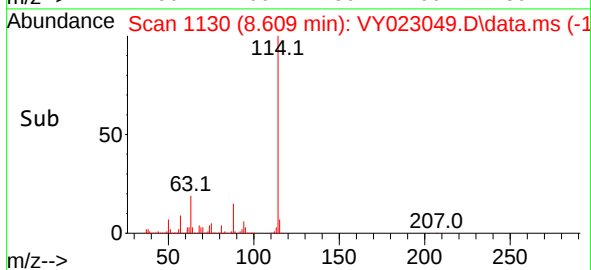
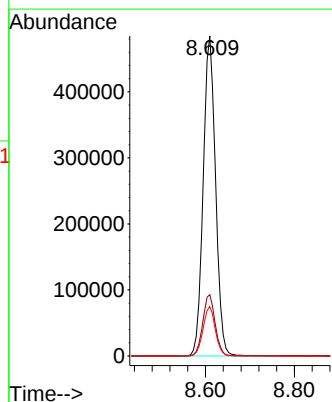
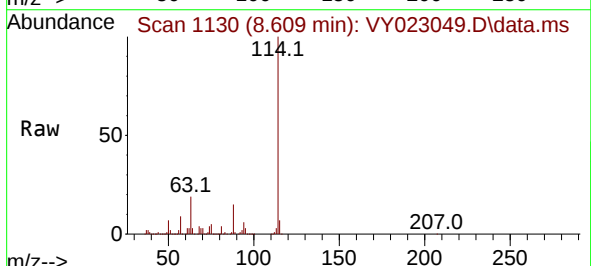
Tgt Ion: 114 Resp: 940141

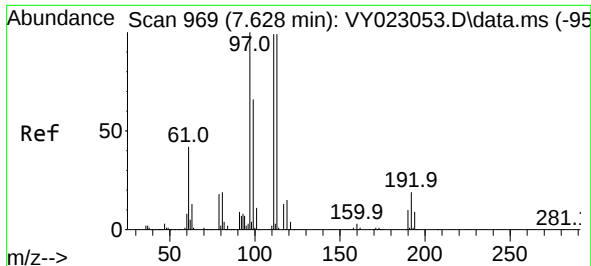
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 4.676 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

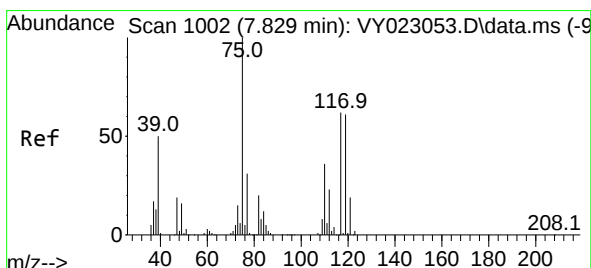
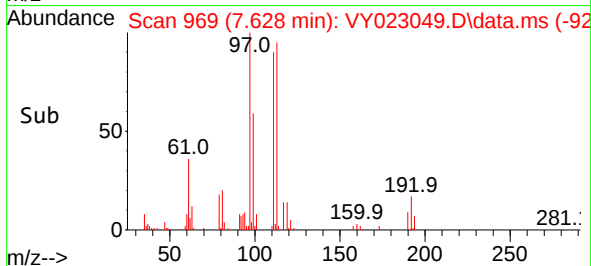
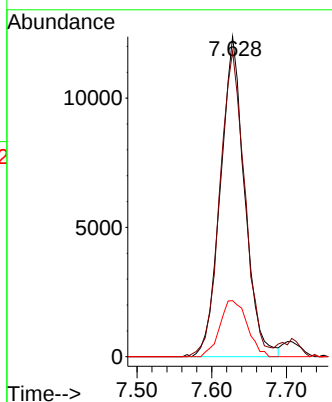
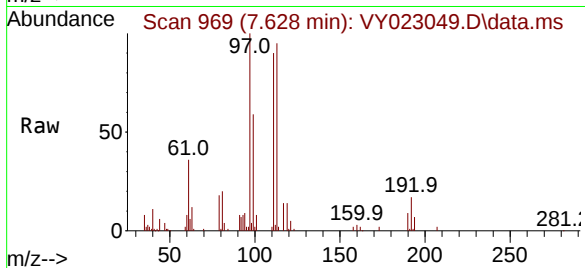
Tgt Ion:113 Resp: 27760

Ion Ratio Lower Upper

113 100

111 98.7 81.1 121.7

192 19.8 16.2 24.4



#36

1,1-Dichloropropene

Concen: 4.832 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

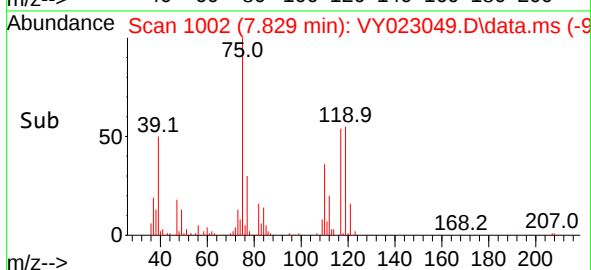
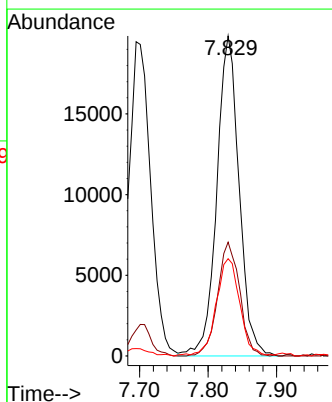
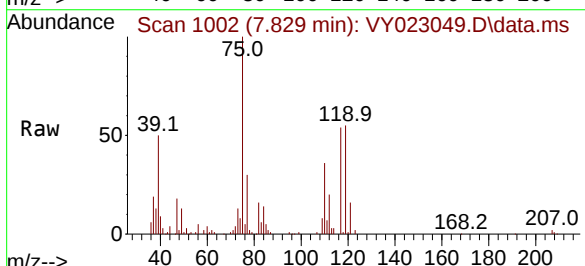
Tgt Ion: 75 Resp: 44815

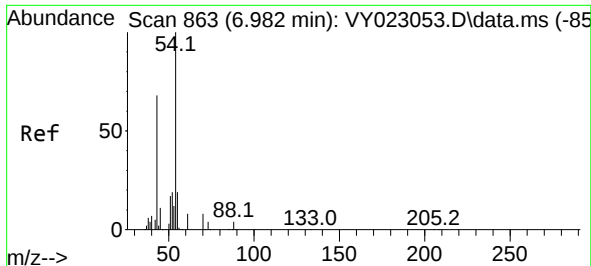
Ion Ratio Lower Upper

75 100

110 35.2 18.1 54.4

77 32.2 24.6 37.0





#37

Ethyl Acetate

Concen: 4.499 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

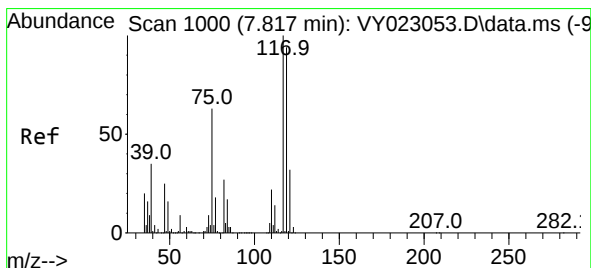
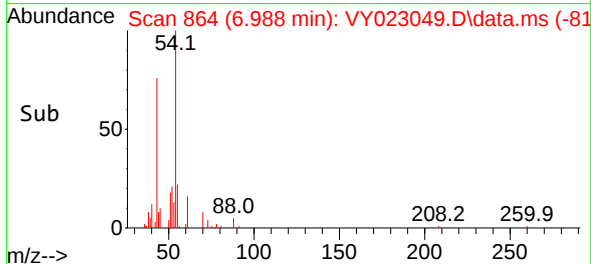
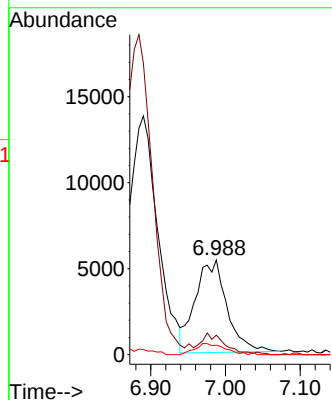
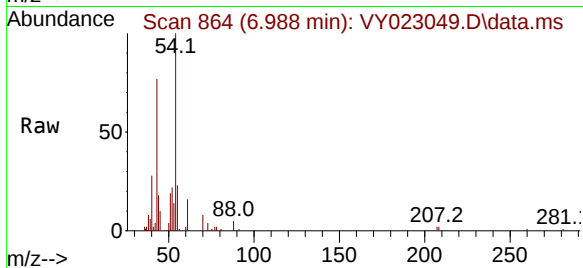
Tgt Ion: 43 Resp: 15862

Ion Ratio Lower Upper

43 100

61 15.1 11.9 17.9

70 11.4 8.8 13.2



#38

Carbon Tetrachloride

Concen: 4.877 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

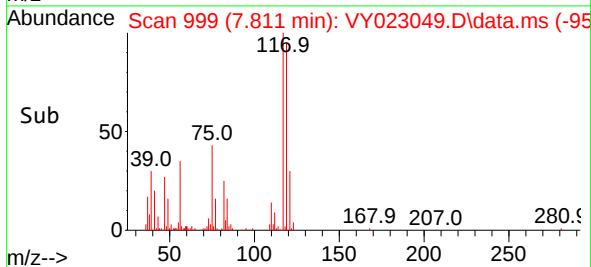
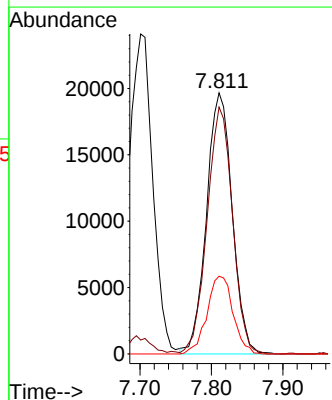
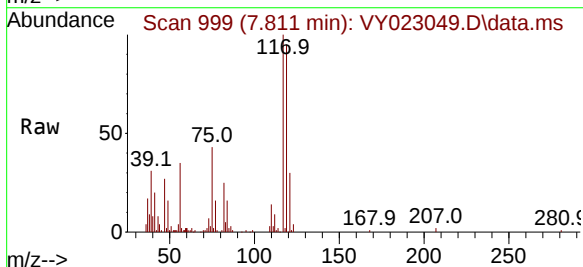
Tgt Ion: 117 Resp: 49144

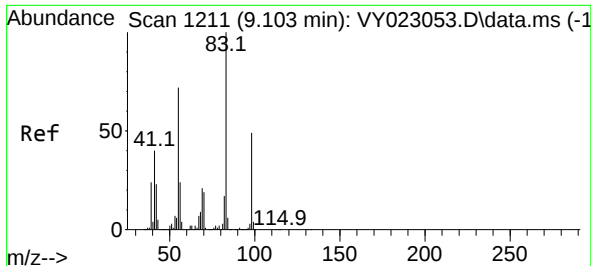
Ion Ratio Lower Upper

117 100

119 94.5 75.6 113.4

121 29.8 25.8 38.8





#39

Methylcyclohexane

Concen: 4.882 ug/l

RT: 9.103 min Scan# 1211

Delta R.T. -0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

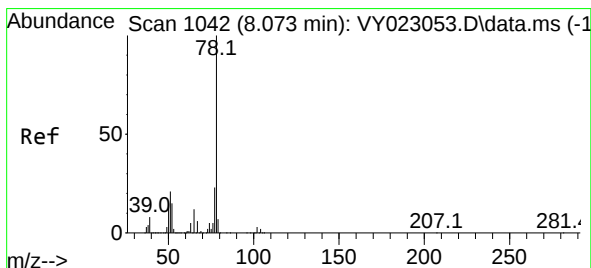
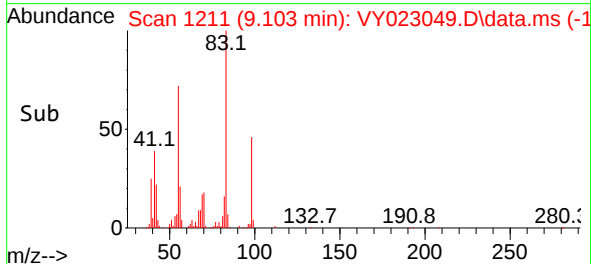
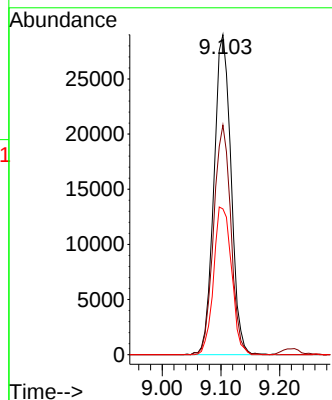
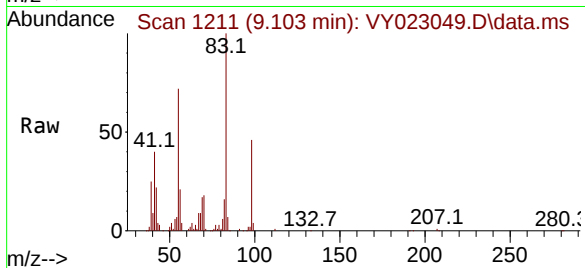
Tgt Ion: 83 Resp: 58660

Ion Ratio Lower Upper

83 100

55 71.8 57.6 86.4

98 45.5 39.2 58.8



#40

Benzene

Concen: 4.668 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY023049.D

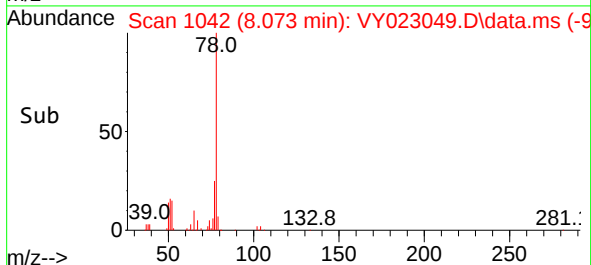
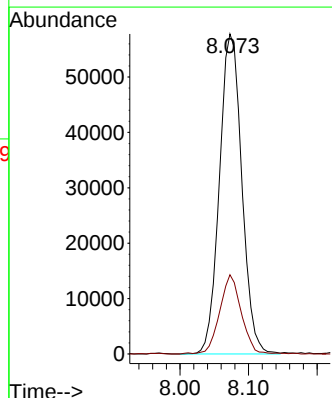
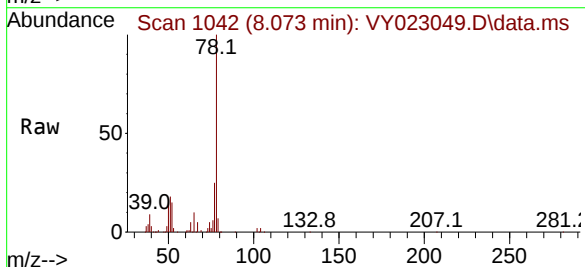
Acq: 12 Aug 2025 14:32

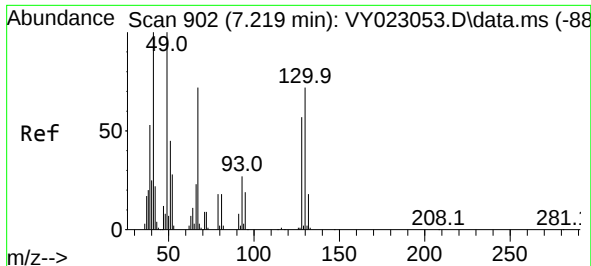
Tgt Ion: 78 Resp: 130907

Ion Ratio Lower Upper

78 100

77 24.7 18.6 28.0

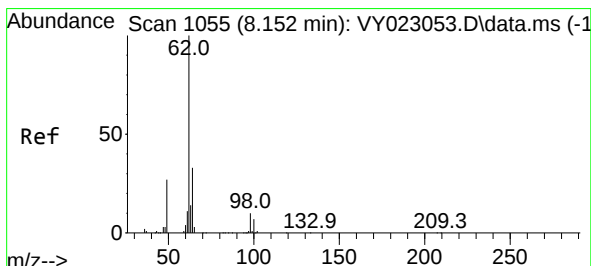
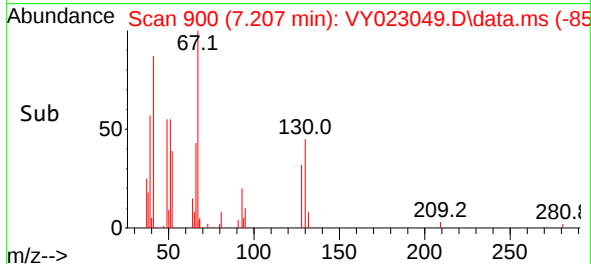
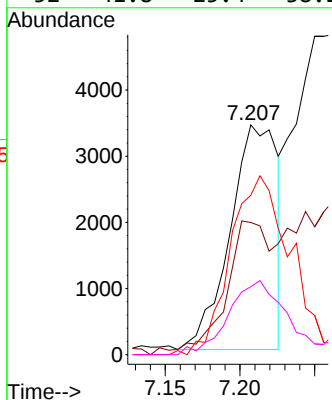
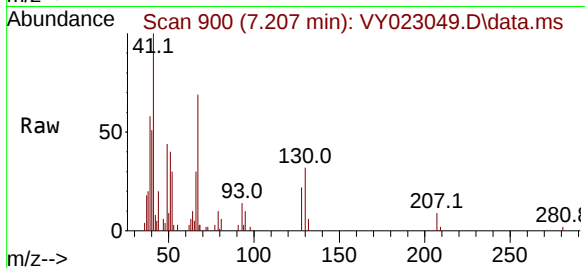




#41
Methacrylonitrile
Concen: 3.886 ug/l
RT: 7.207 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

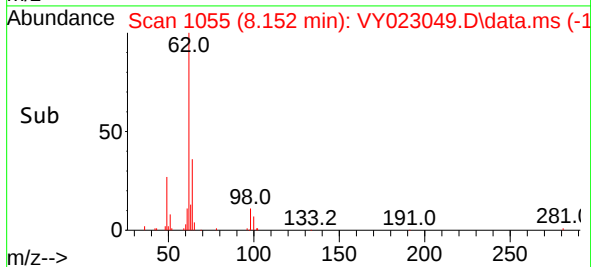
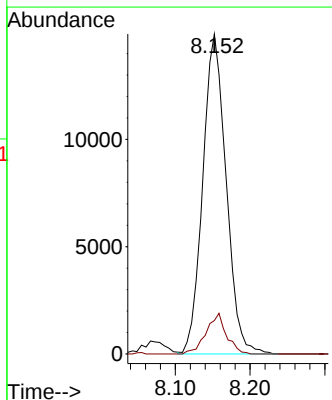
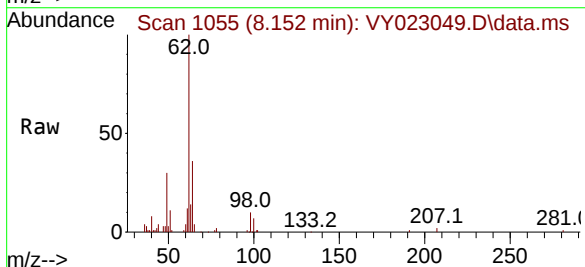
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	7510
Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.4	65.2
67	102.5	63.6	95.4#
52	41.8	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 4.632 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion:	62	Resp:	32424
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.6

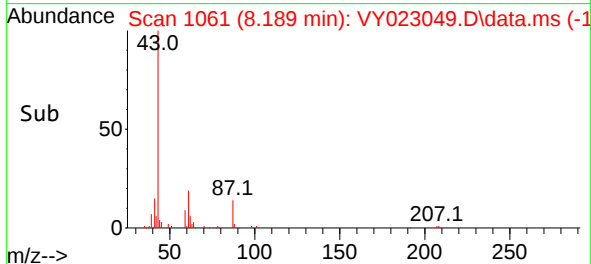
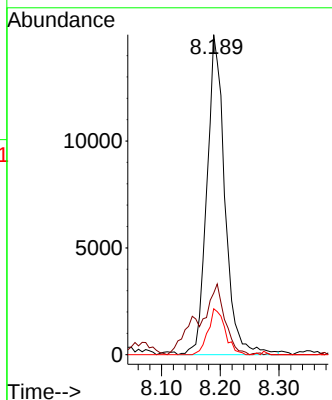
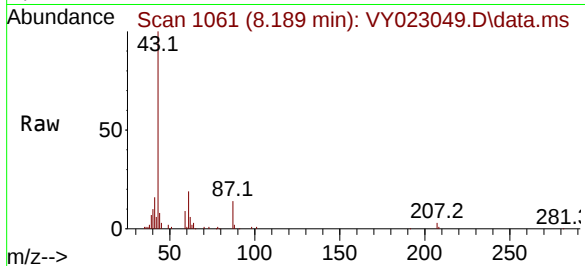




#43
Isopropyl Acetate
Concen: 4.577 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

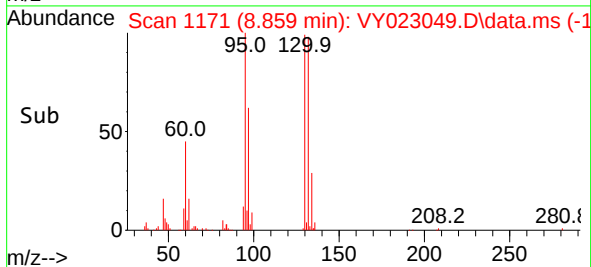
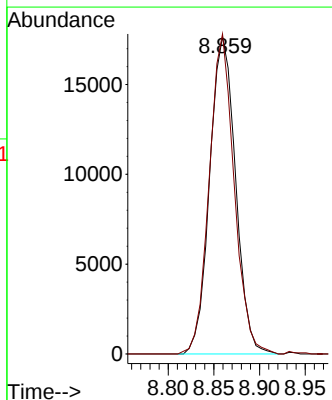
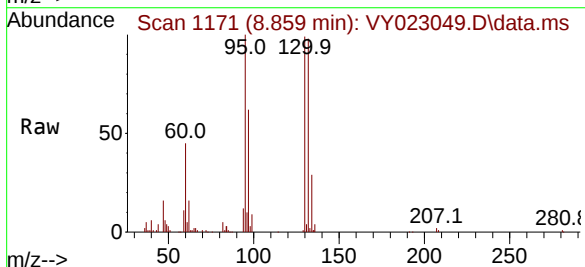
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 31834
Ion Ratio Lower Upper
43 100
61 21.9 16.4 24.6
87 13.6 11.8 17.6



#44
Trichloroethene
Concen: 4.823 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion:130 Resp: 34679
Ion Ratio Lower Upper
130 100
95 100.8 0.0 190.2





#45

1,2-Dichloropropane

Concen: 4.569 ug/l

RT: 9.134 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

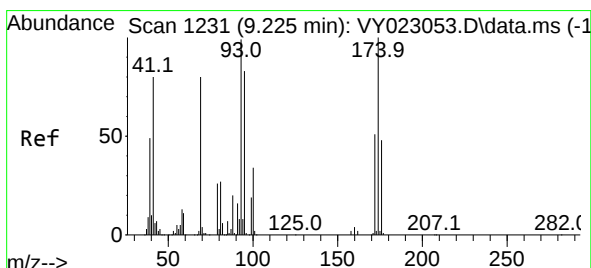
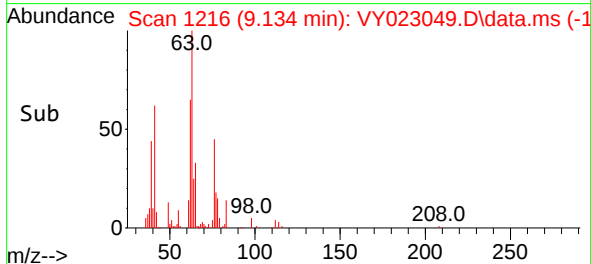
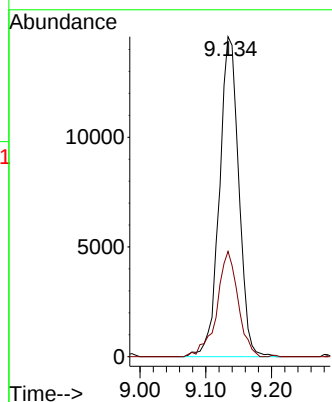
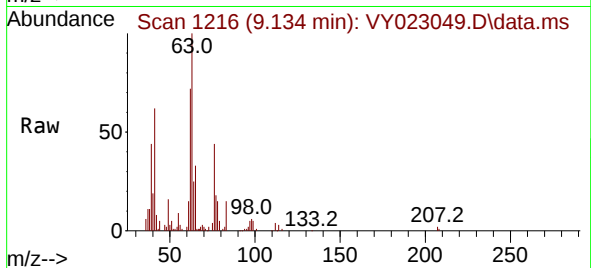
VSTDICC005

Tgt Ion: 63 Resp: 29914

Ion Ratio Lower Upper

63 100

65 32.9 25.3 37.9



#46

Dibromomethane

Concen: 4.677 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

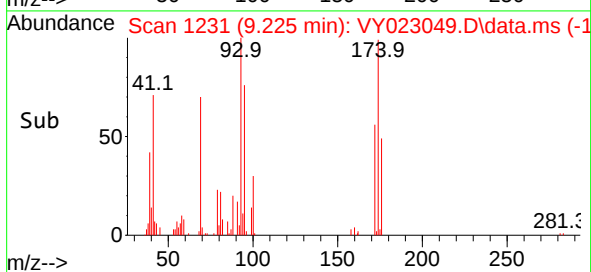
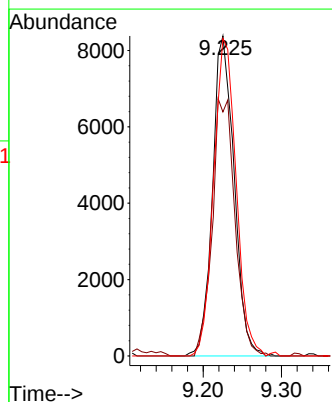
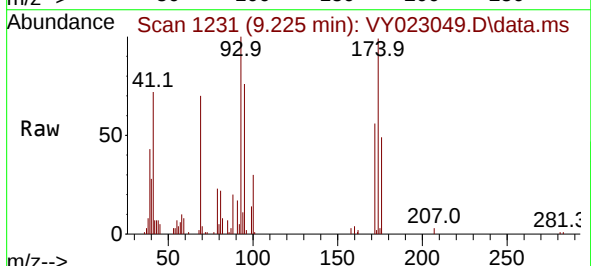
Tgt Ion: 93 Resp: 16036

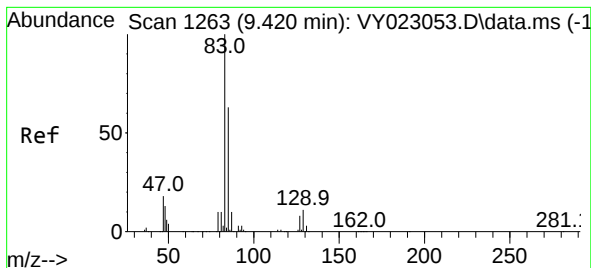
Ion Ratio Lower Upper

93 100

95 84.7 66.5 99.7

174 103.5 81.8 122.8





#47

Bromodichloromethane

Concen: 4.629 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

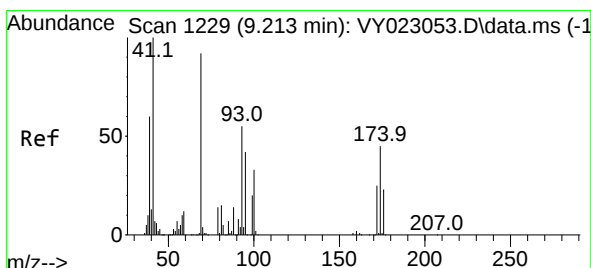
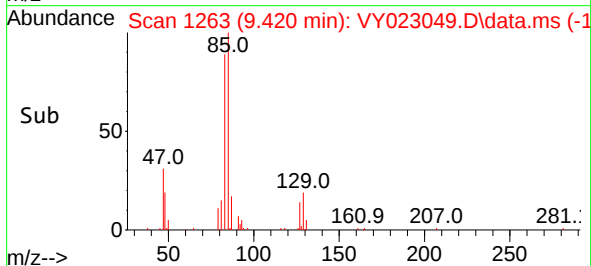
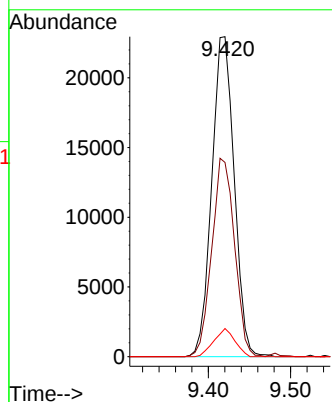
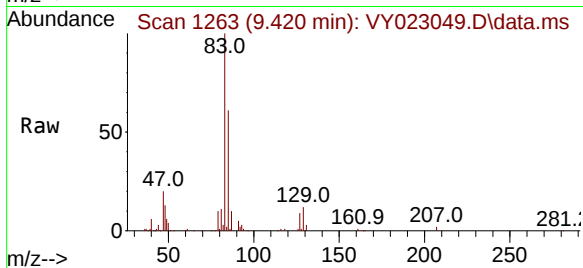
Tgt Ion: 83 Resp: 43491

Ion Ratio Lower Upper

83 100

85 60.7 50.2 75.4

127 8.8 6.6 10.0



#48

Methyl methacrylate

Concen: 4.103 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

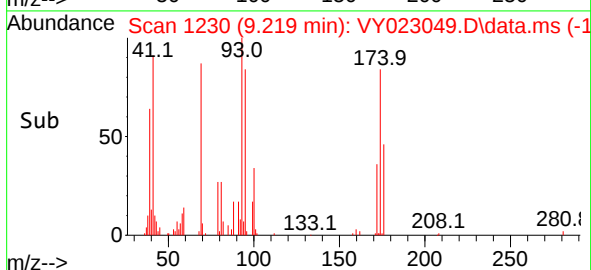
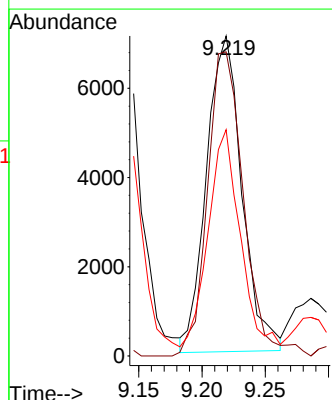
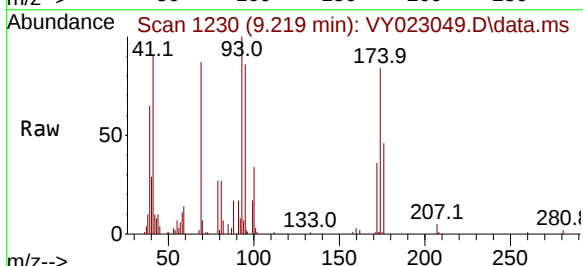
Tgt Ion: 41 Resp: 13829

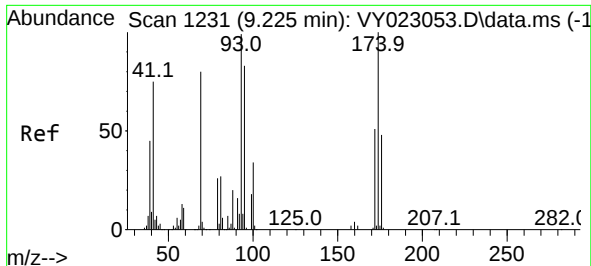
Ion Ratio Lower Upper

41 100

69 98.0 73.2 109.8

39 61.5 47.0 70.4





#49

1,4-Dioxane

Concen: 99.834 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

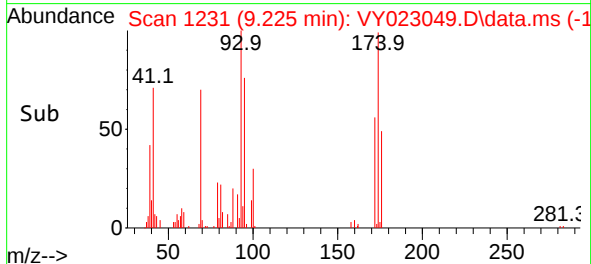
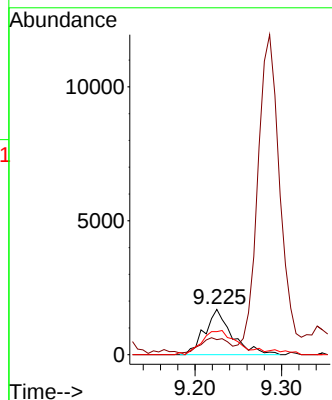
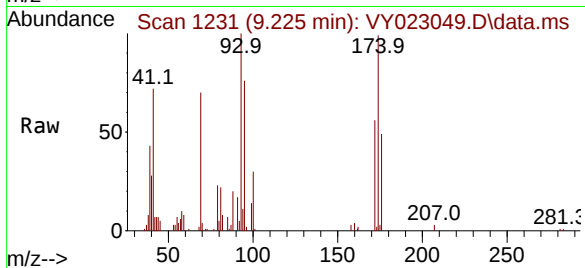
Tgt Ion: 88 Resp: 3660

Ion Ratio Lower Upper

88 100

43 33.5 24.3 36.5

58 71.9 55.4 83.0



#50

Toluene-d8

Concen: 4.469 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023049.D

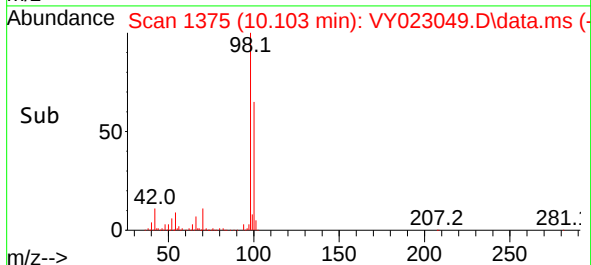
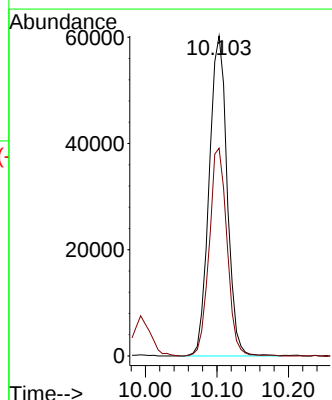
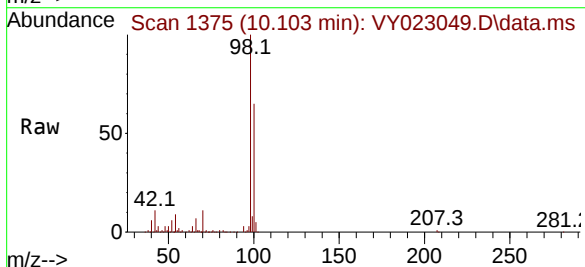
Acq: 12 Aug 2025 14:32

Tgt Ion: 98 Resp: 104834

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5

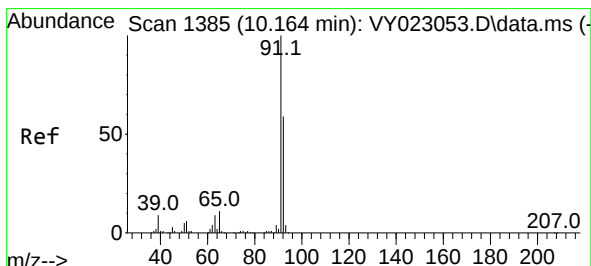
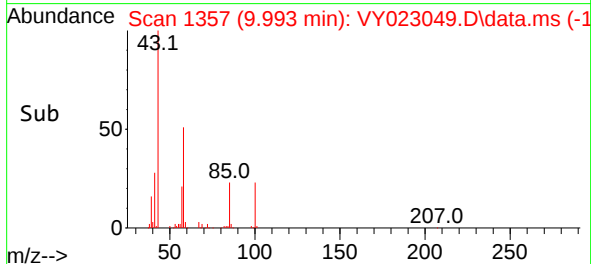
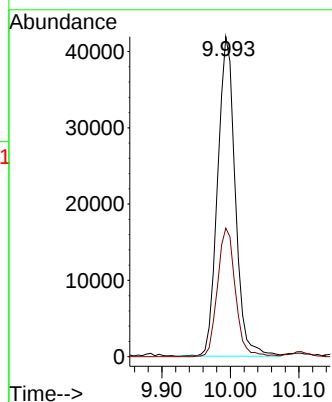
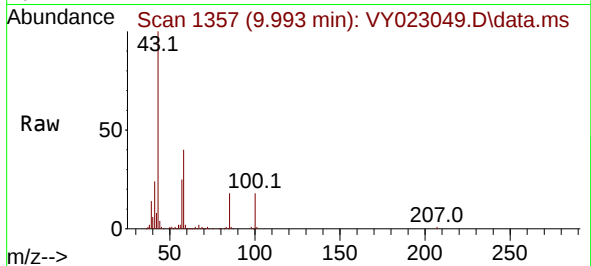




#51
4-Methyl-2-Pentanone
Concen: 21.054 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

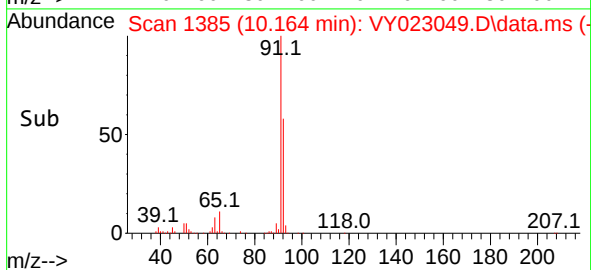
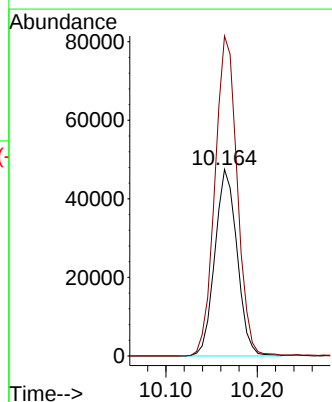
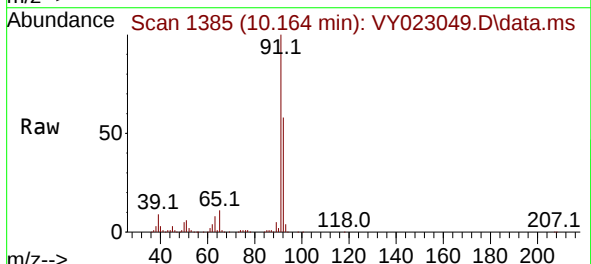
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

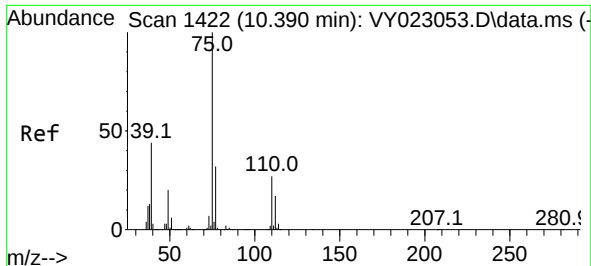
Tgt Ion: 43 Resp: 74587
Ion Ratio Lower Upper
43 100
58 41.0 33.5 50.3



#52
Toluene
Concen: 4.580 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 92 Resp: 80069
Ion Ratio Lower Upper
92 100
91 172.6 136.4 204.6

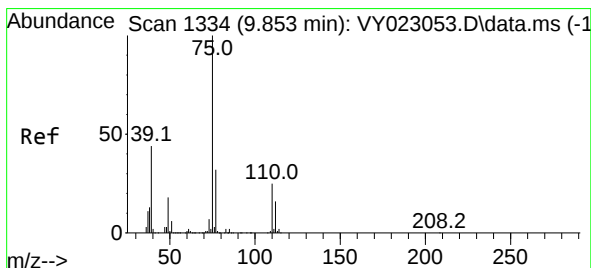
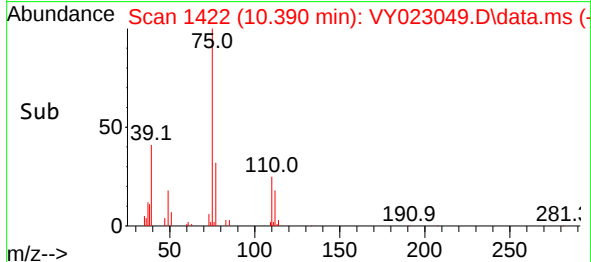
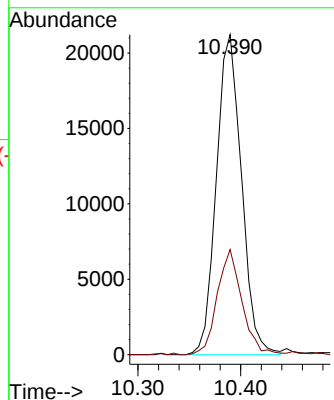
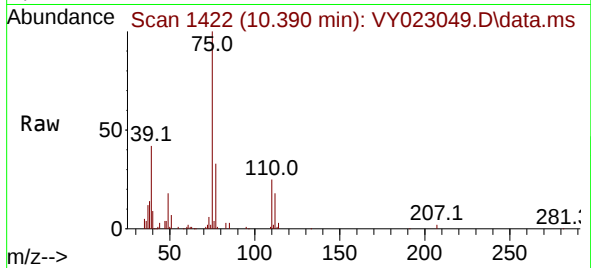




#53
 t-1,3-Dichloropropene
 Concen: 4.436 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY023049.D
 Acq: 12 Aug 2025 14:32

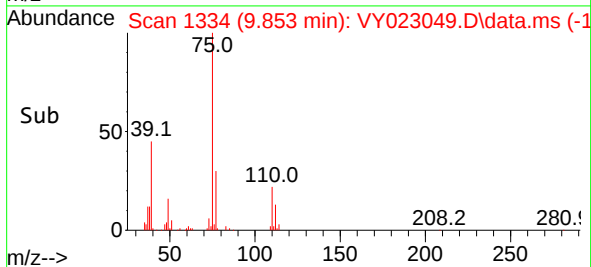
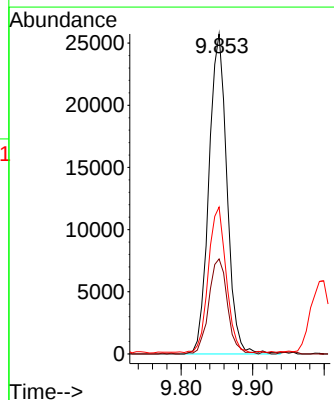
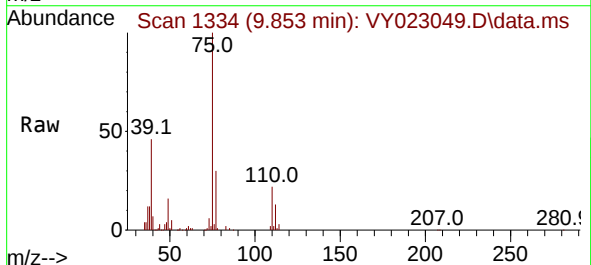
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

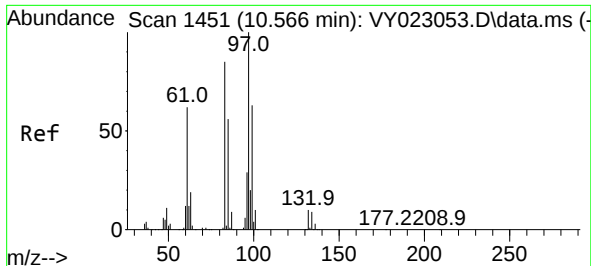
Tgt Ion: 75 Resp: 36014
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.613 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023049.D
 Acq: 12 Aug 2025 14:32

Tgt Ion: 75 Resp: 45100
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.0
 39 45.2 35.6 53.4



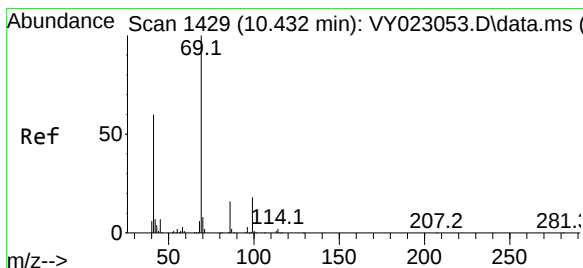
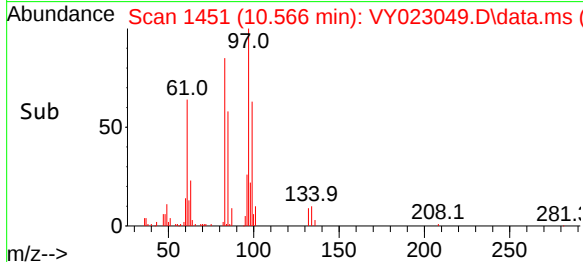
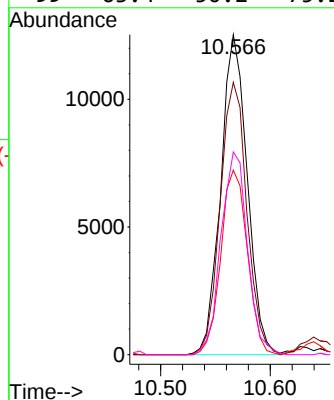
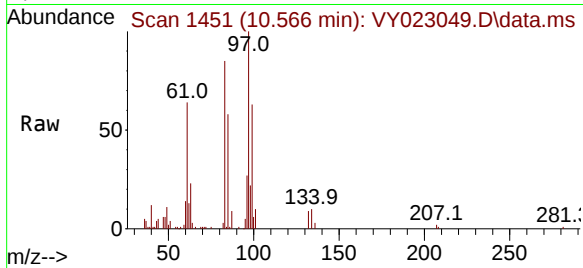


#55
1,1,2-Trichloroethane
Concen: 4.656 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 97 Resp: 21053

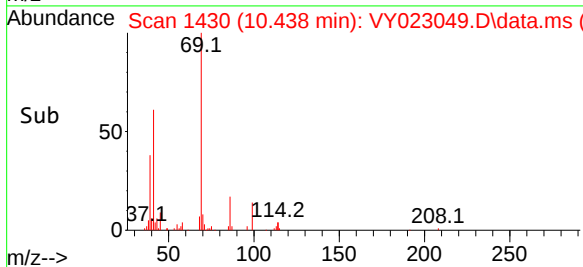
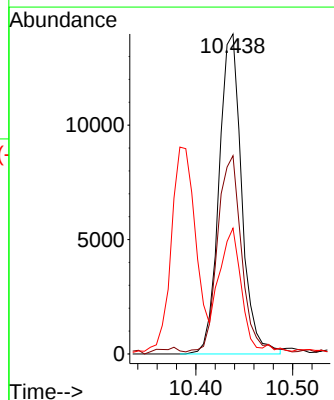
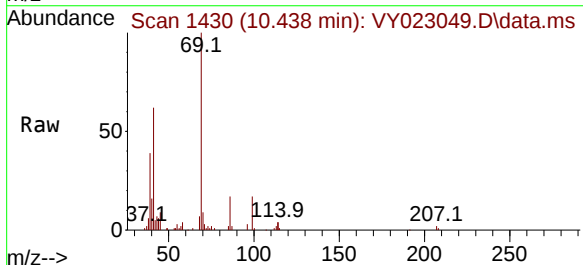
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.7	101.5
85	57.6	44.5	66.7
99	63.4	50.2	75.2

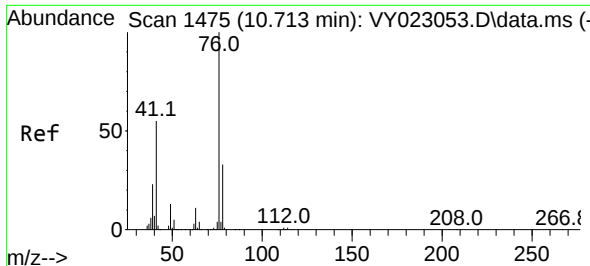


#56
Ethyl methacrylate
Concen: 4.014 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 69 Resp: 22720

Ion	Ratio	Lower	Upper
69	100		
41	65.7	48.6	72.8
39	35.2	27.0	40.4





#57

1,3-Dichloropropane

Concen: 4.641 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

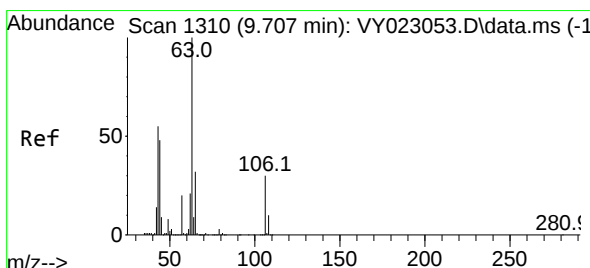
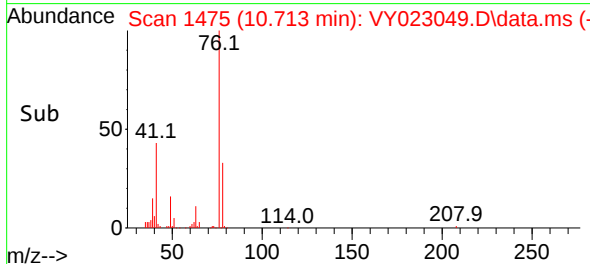
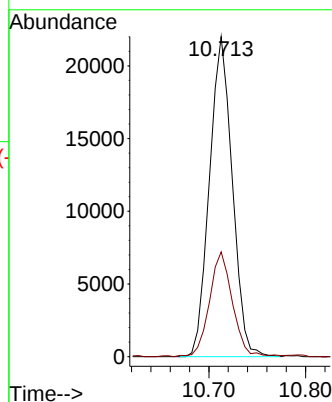
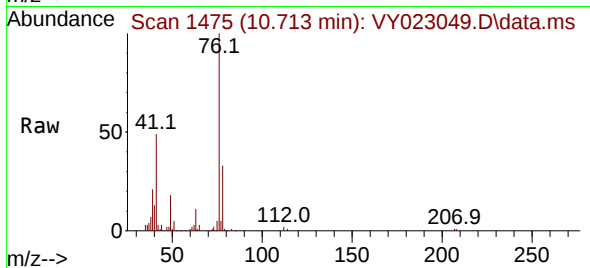
VSTDIC005

Tgt Ion: 76 Resp: 36152

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 16.206 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY023049.D

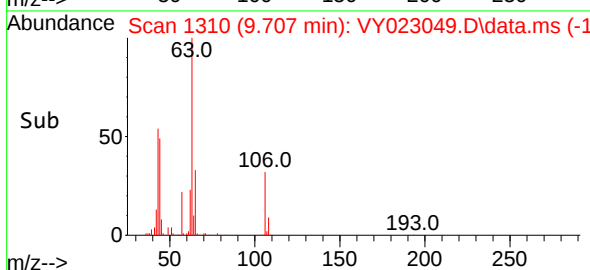
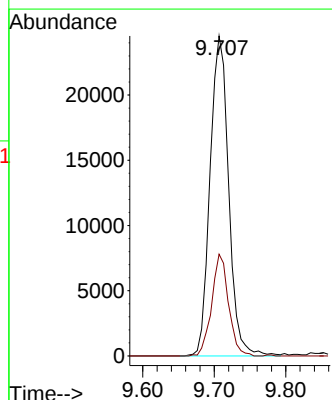
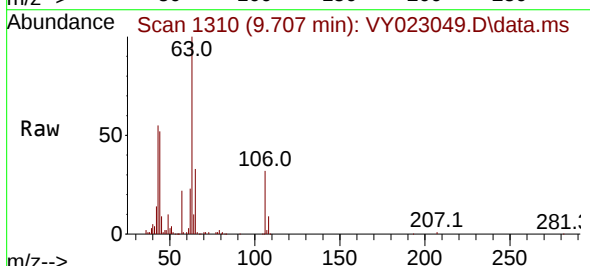
Acq: 12 Aug 2025 14:32

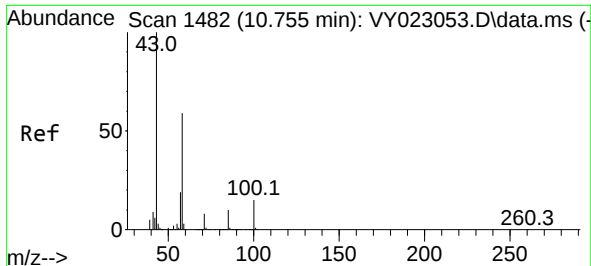
Tgt Ion: 63 Resp: 44339

Ion Ratio Lower Upper

63 100

106 28.8 23.2 34.8

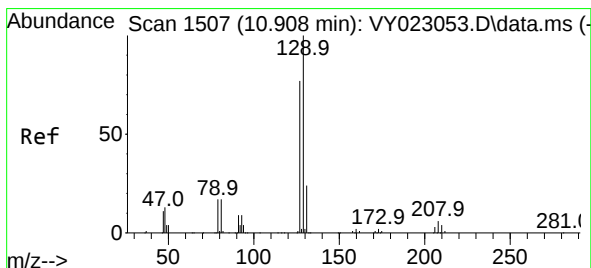
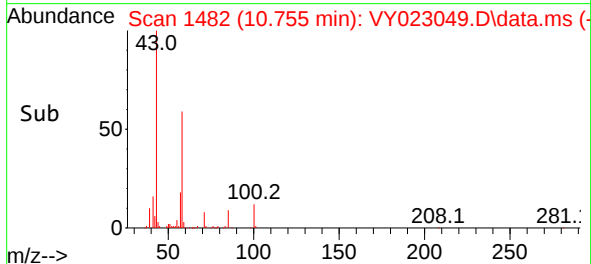
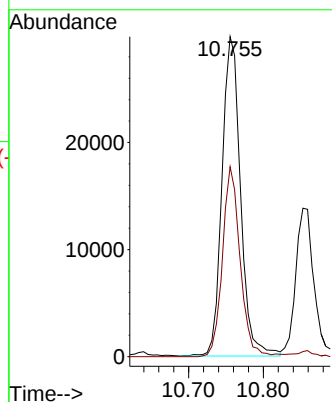
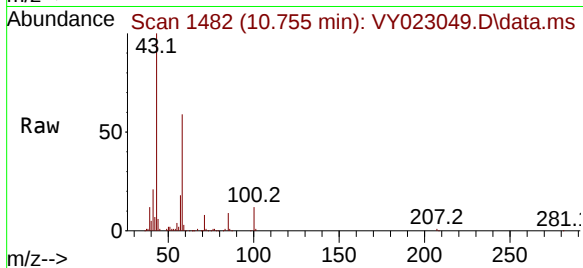




#59
2-Hexanone
Concen: 21.911 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

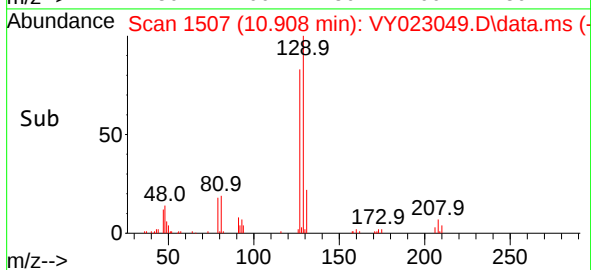
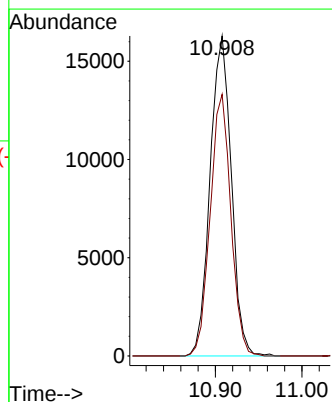
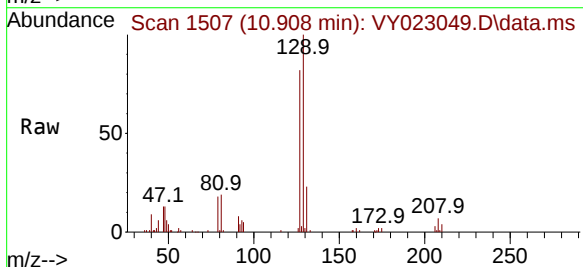
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

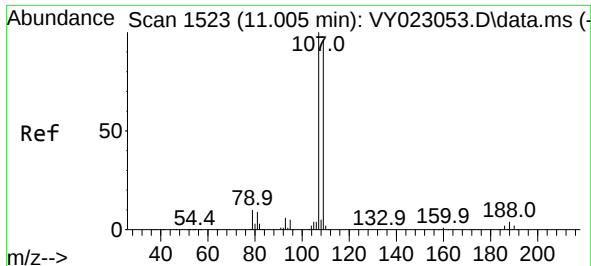
Tgt Ion: 43 Resp: 51329
Ion Ratio Lower Upper
43 100
58 56.9 29.5 88.5



#60
Dibromochloromethane
Concen: 4.684 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 129 Resp: 27731
Ion Ratio Lower Upper
129 100
127 79.5 38.5 115.5

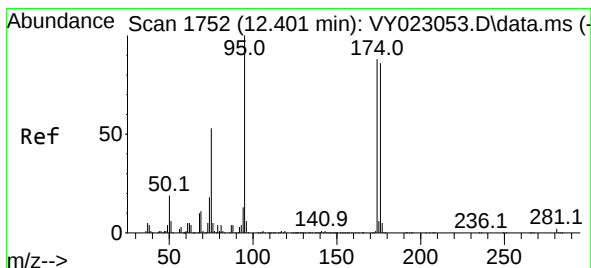
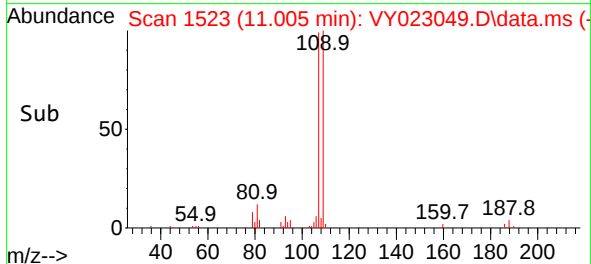
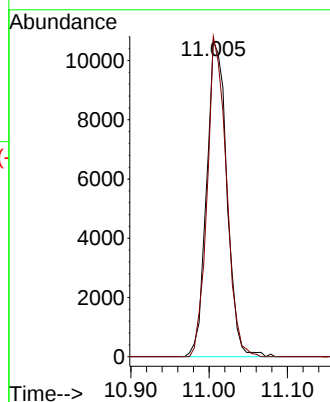
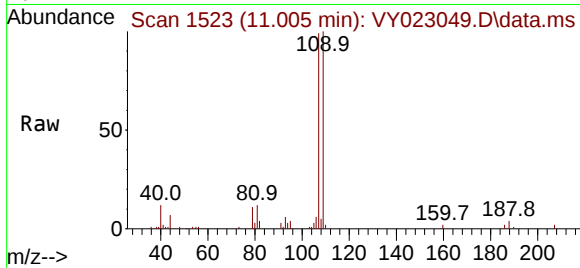




#61
1,2-Dibromoethane
Concen: 4.640 ug/l
RT: 11.005 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

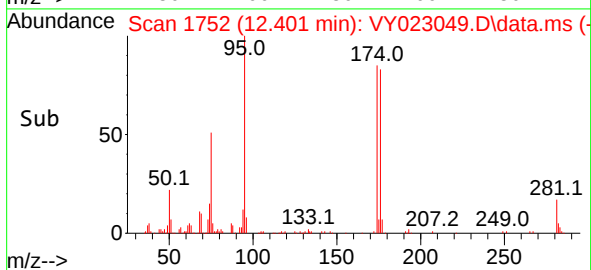
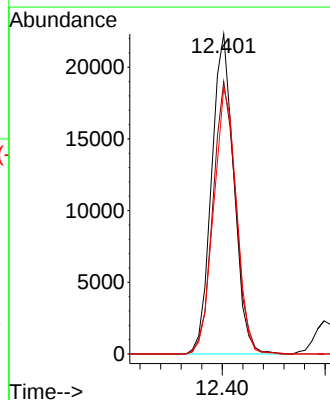
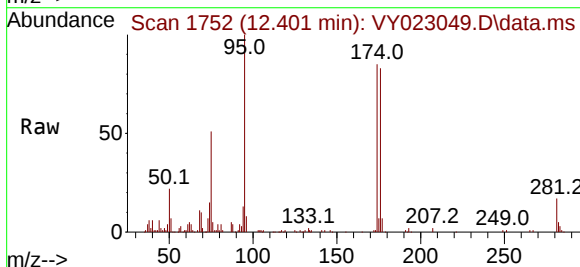
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

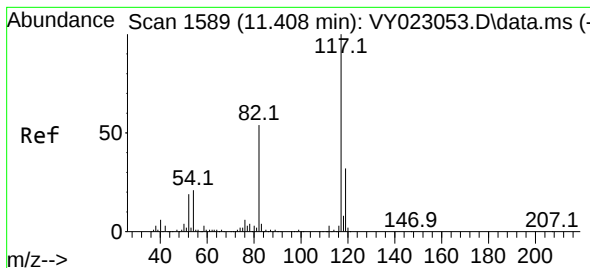
Tgt Ion:107 Resp: 19141
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.505 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 95 Resp: 33547
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 85.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

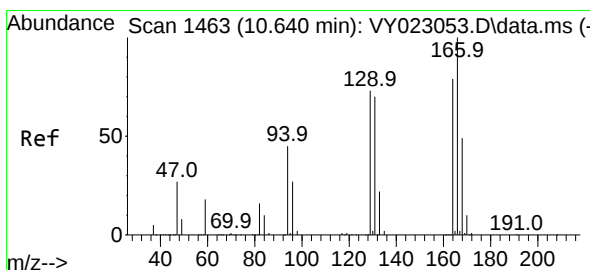
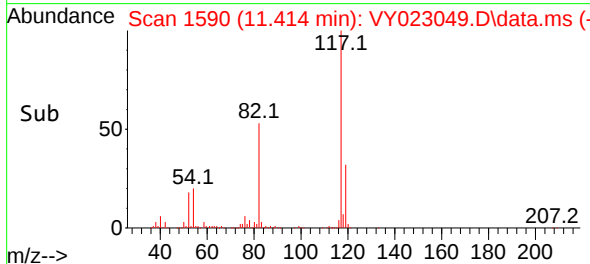
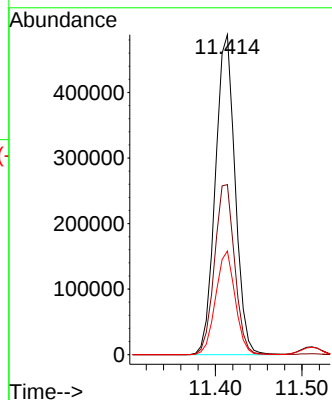
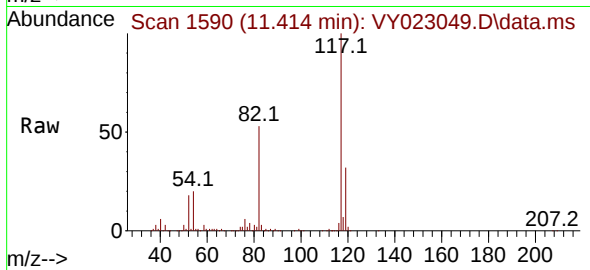
Tgt Ion:117 Resp: 773123

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 5.057 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Tgt Ion:164 Resp: 38947

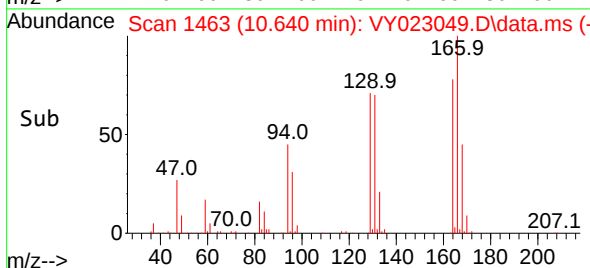
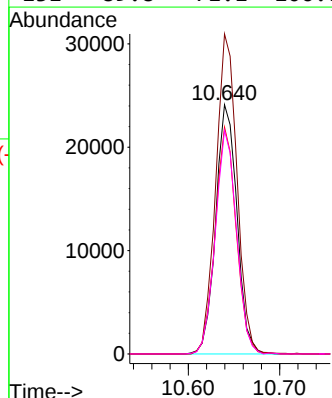
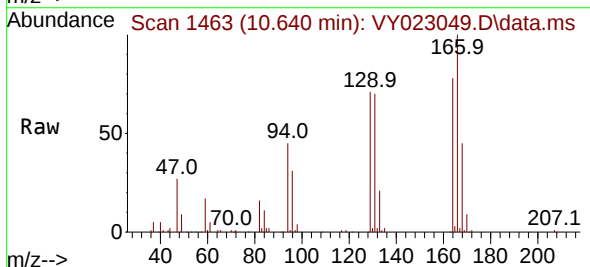
Ion Ratio Lower Upper

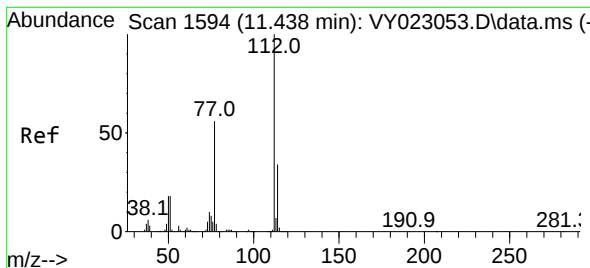
164 100

166 128.4 101.1 151.7

129 91.0 74.0 111.0

131 89.8 71.1 106.7





#65

Chlorobenzene

Concen: 4.912 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

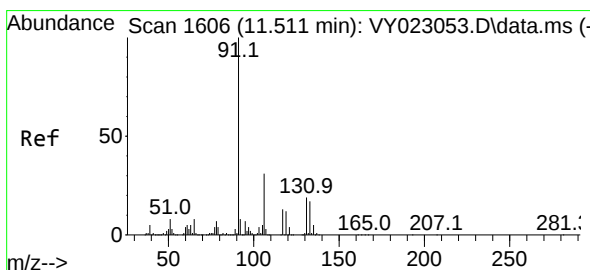
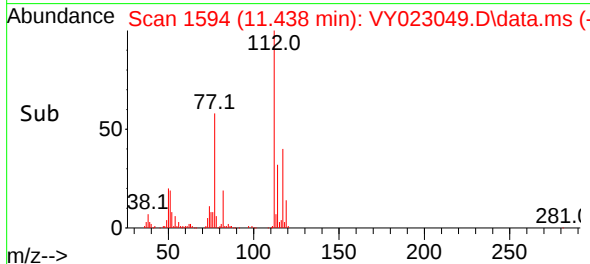
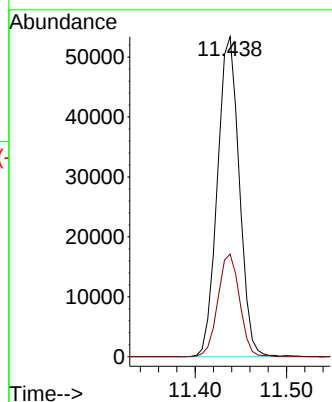
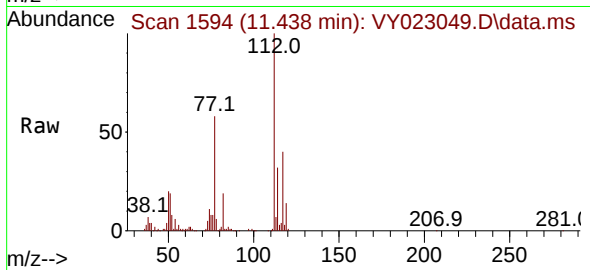
VSTDIC005

Tgt Ion:112 Resp: 88874

Ion Ratio Lower Upper

112 100

114 32.0 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 4.647 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

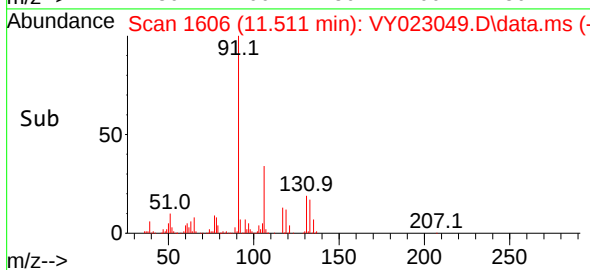
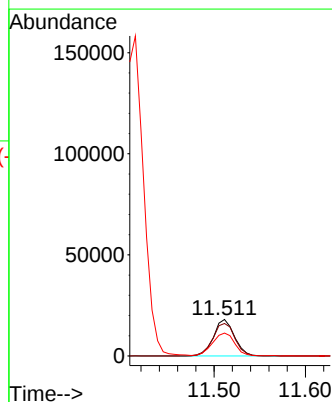
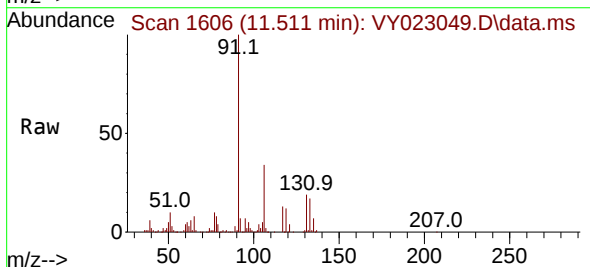
Tgt Ion:131 Resp: 28744

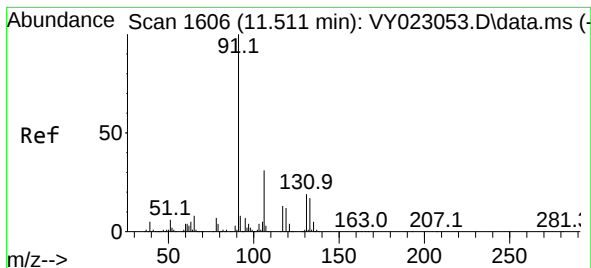
Ion Ratio Lower Upper

131 100

133 93.8 46.9 140.6

119 66.0 33.2 99.6

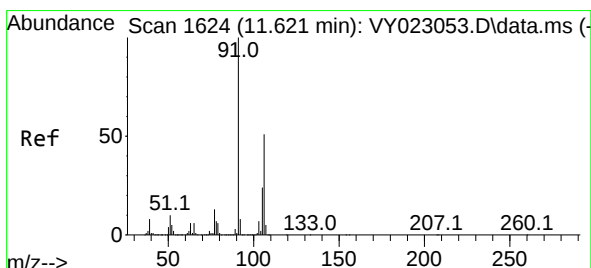
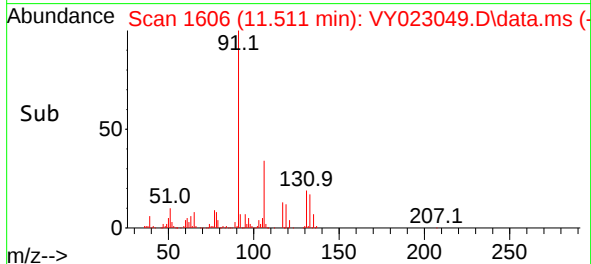
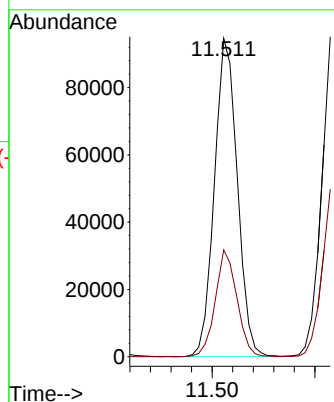
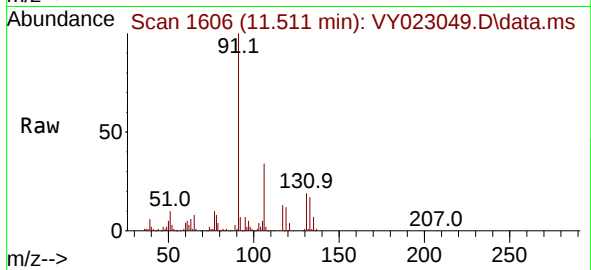




#67
Ethyl Benzene
Concen: 4.581 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

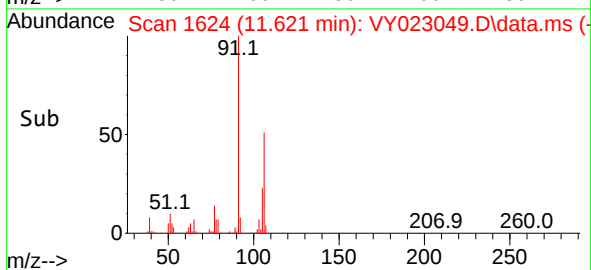
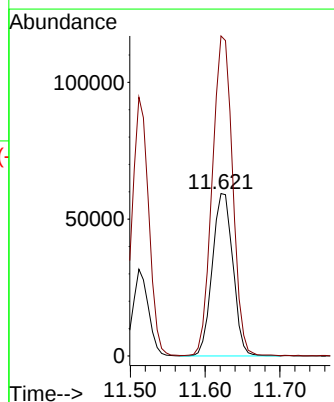
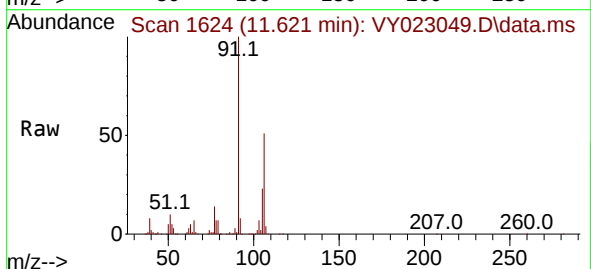
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

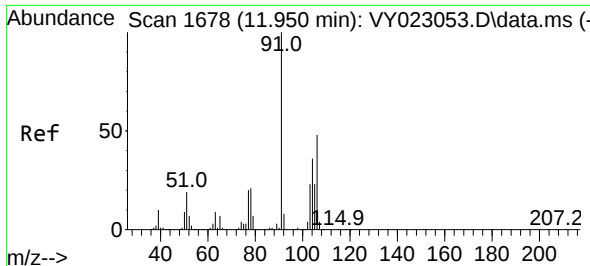
Tgt Ion: 91 Resp: 146374
Ion Ratio Lower Upper
91 100
106 33.5 25.0 37.4



#68
m/p-Xylenes
Concen: 9.281 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 106 Resp: 113834
Ion Ratio Lower Upper
106 100
91 194.9 158.6 238.0

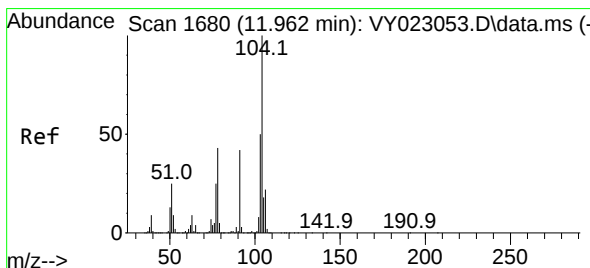
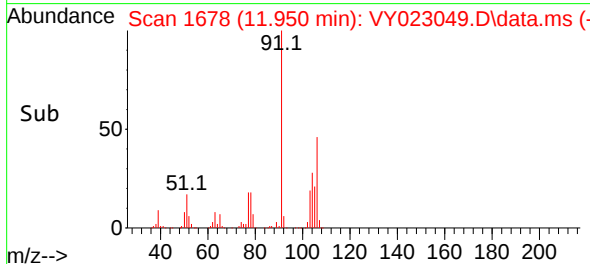
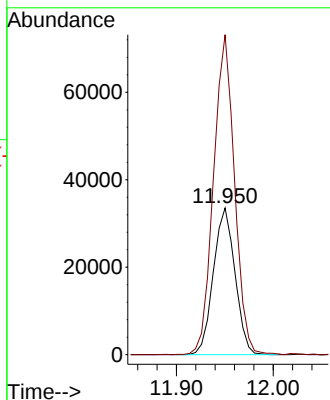
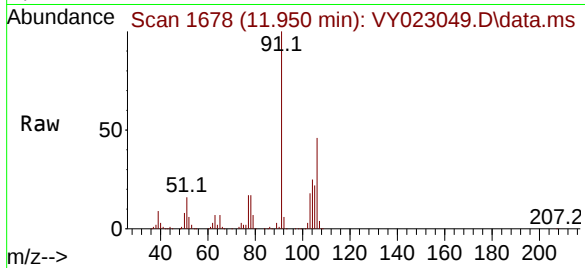




#69
o-Xylene
Concen: 4.548 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

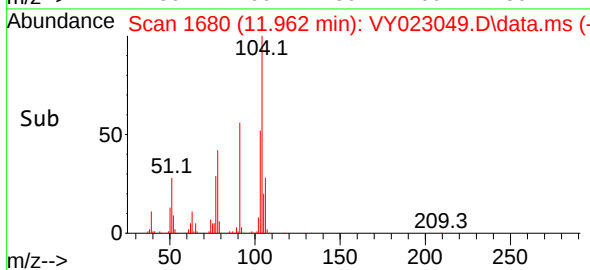
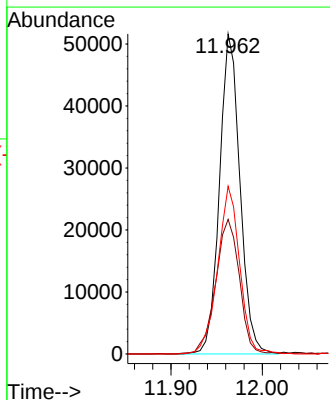
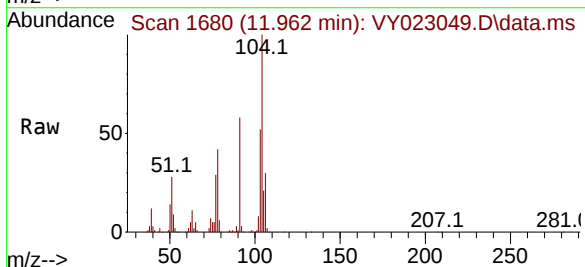
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

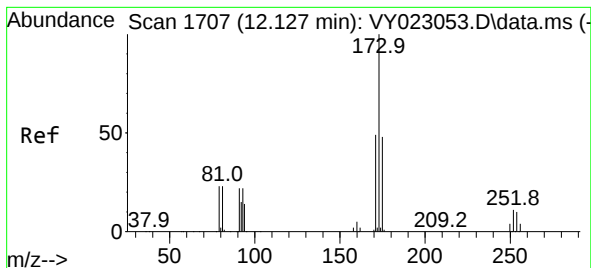
Tgt Ion:106 Resp: 52041
Ion Ratio Lower Upper
106 100
91 212.5 103.2 309.4



#70
Styrene
Concen: 4.299 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion:104 Resp: 80349
Ion Ratio Lower Upper
104 100
78 48.9 38.5 57.7
103 56.4 43.7 65.5





#71

Bromoform

Concen: 4.820 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

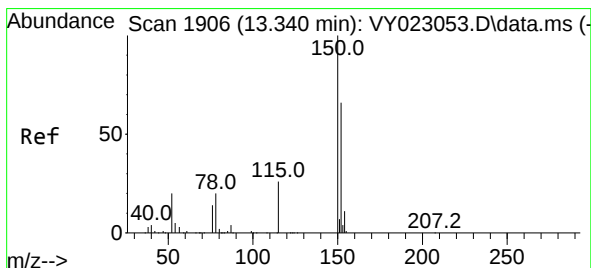
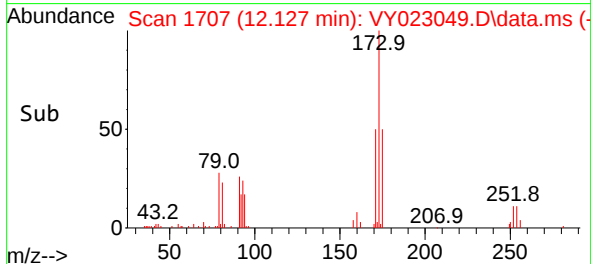
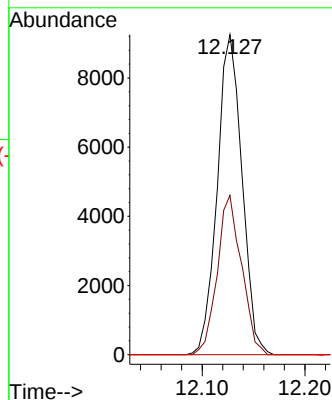
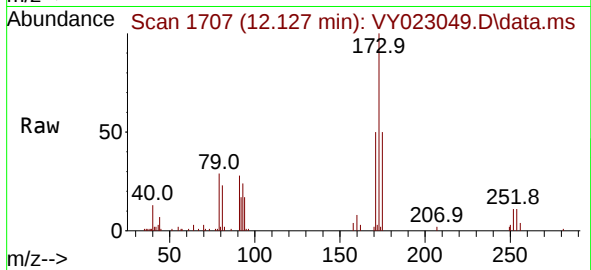
Tgt Ion:173 Resp: 15476

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

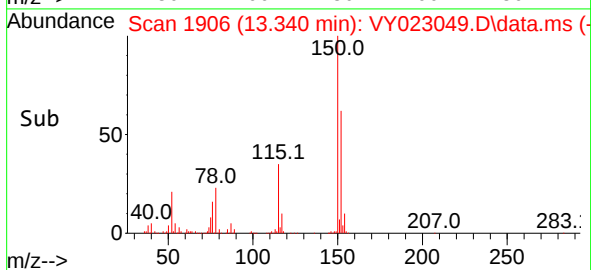
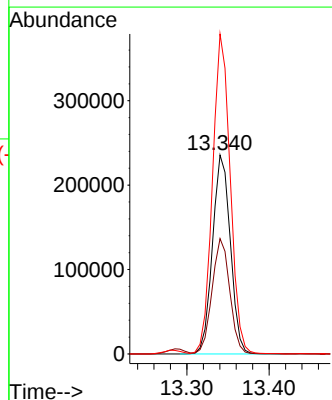
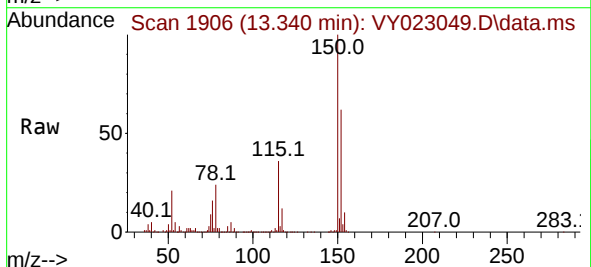
Tgt Ion:152 Resp: 355667

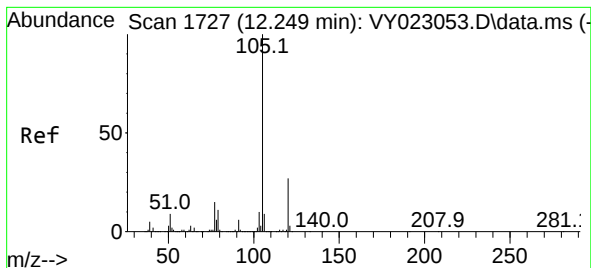
Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.6

150 159.1 0.0 348.0





#73

Isopropylbenzene

Concen: 4.626 ug/l

RT: 12.249 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

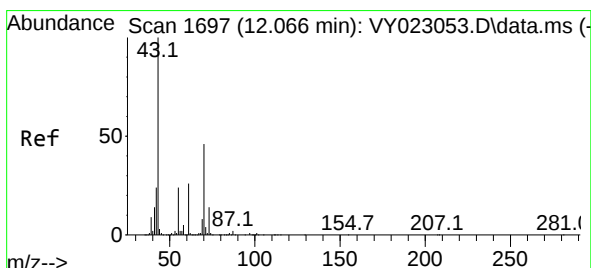
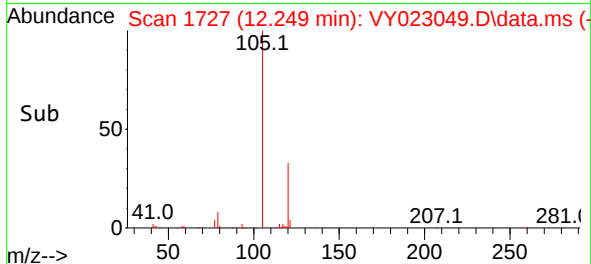
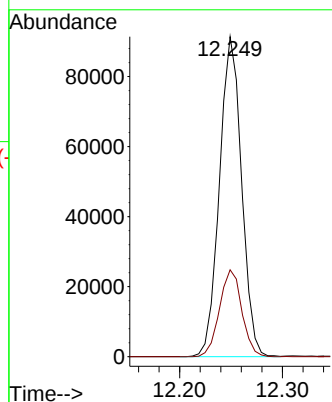
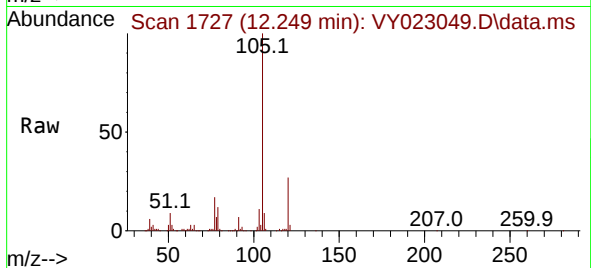
VSTDIC005

Tgt Ion:105 Resp: 136493

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 4.388 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Tgt Ion: 43 Resp: 24805

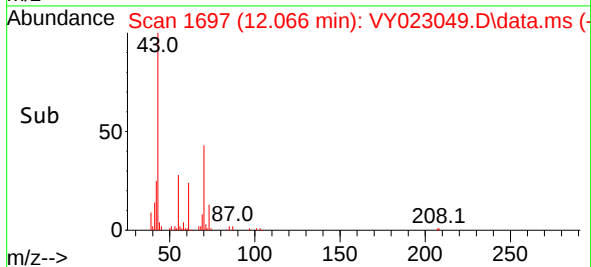
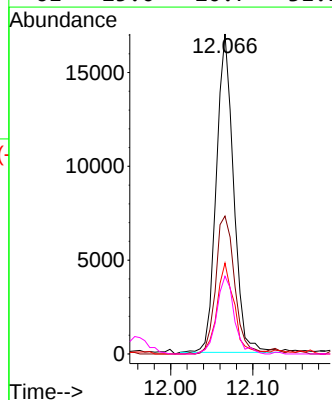
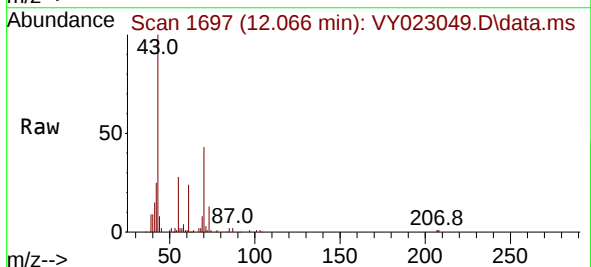
Ion Ratio Lower Upper

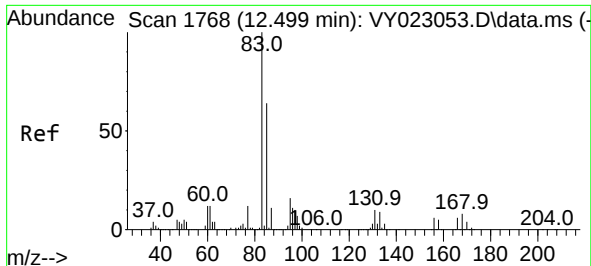
43 100

70 47.6 37.5 56.3

55 28.8 20.7 31.1

61 25.0 20.7 31.1

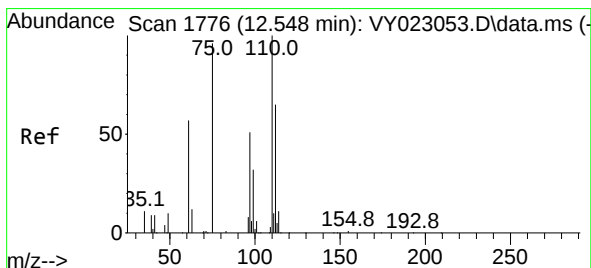
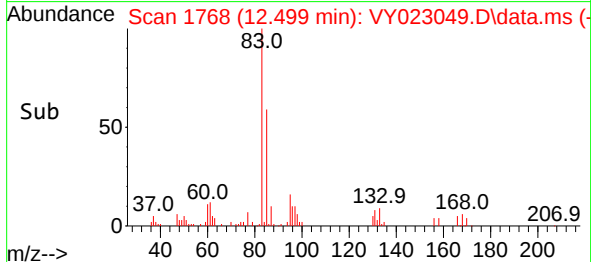
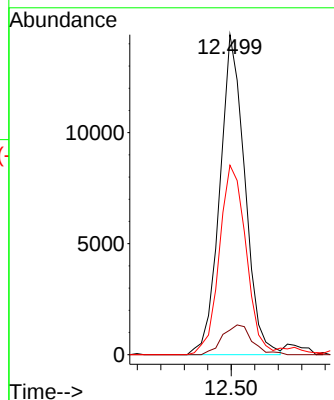
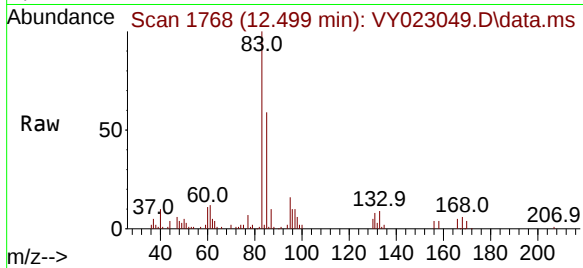




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.862 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. -0.000 min
 Lab File: VY023049.D
 Acq: 12 Aug 2025 14:32

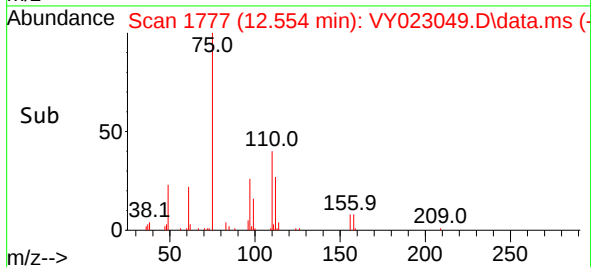
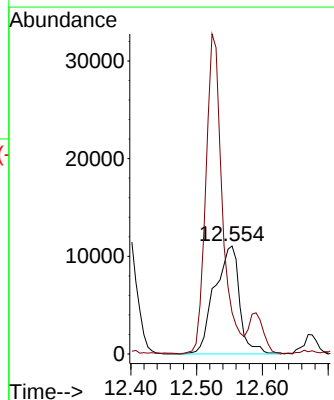
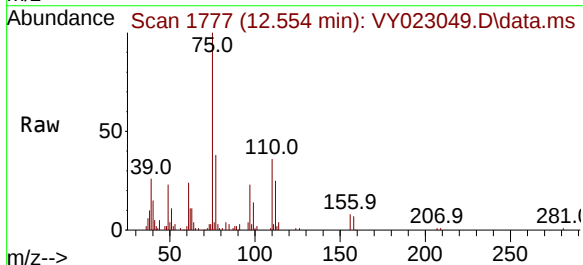
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

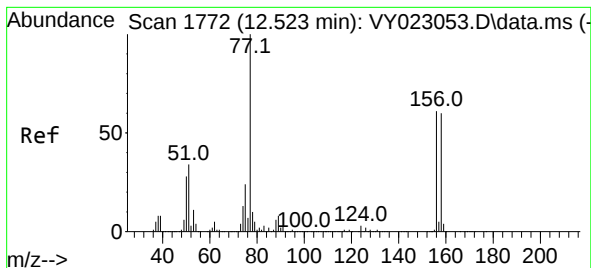
Tgt Ion: 83 Resp: 21356
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.3
 85 63.0 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 6.699 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023049.D
 Acq: 12 Aug 2025 14:32

Tgt Ion: 75 Resp: 29203
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.860 ug/l

RT: 12.523 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

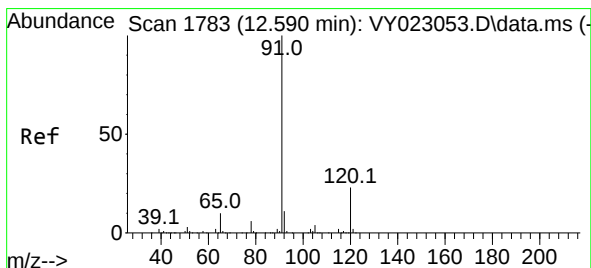
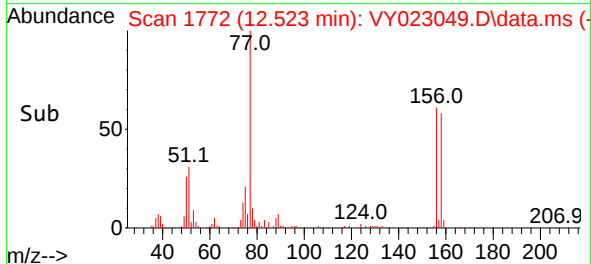
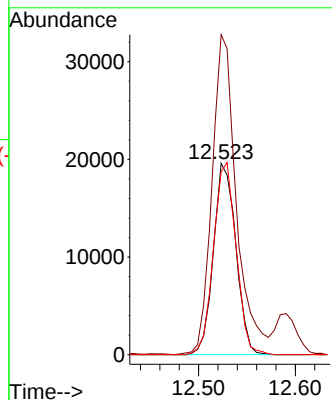
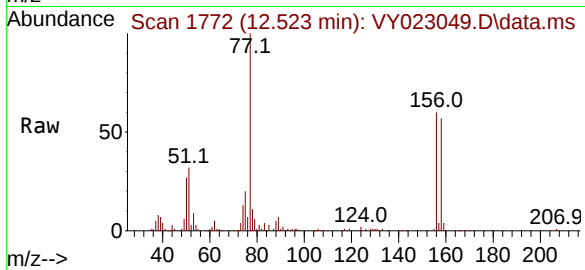
Tgt Ion:156 Resp: 31541

Ion Ratio Lower Upper

156 100

77 182.3 88.1 264.4

158 101.4 48.0 144.0



#78

n-propylbenzene

Concen: 4.678 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023049.D

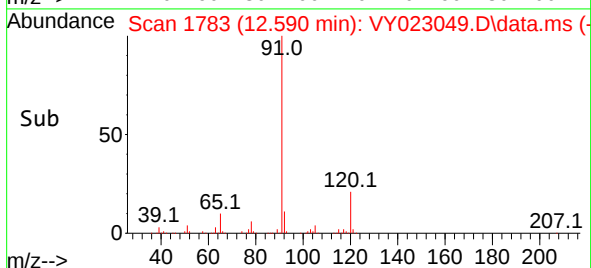
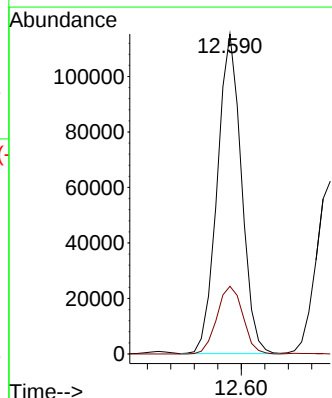
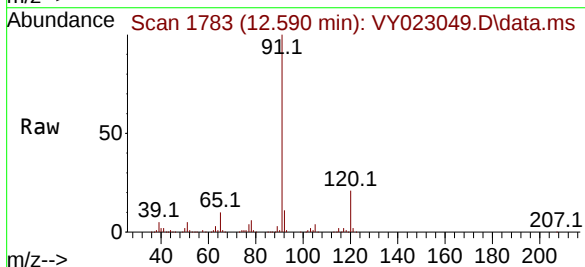
Acq: 12 Aug 2025 14:32

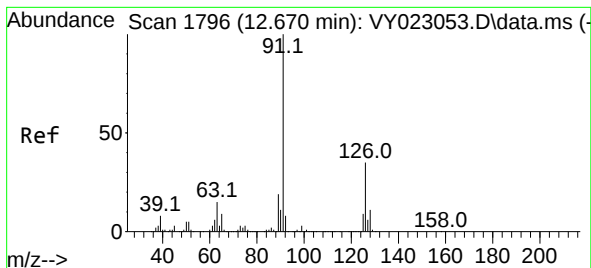
Tgt Ion: 91 Resp: 164411

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.5





#79

2-Chlorotoluene

Concen: 4.766 ug/l

RT: 12.676 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

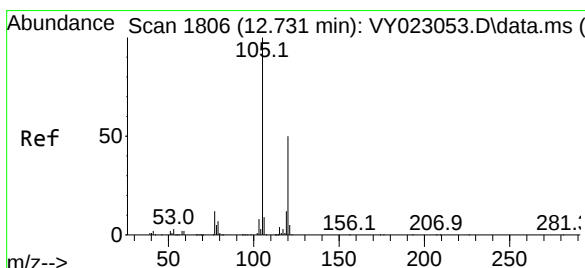
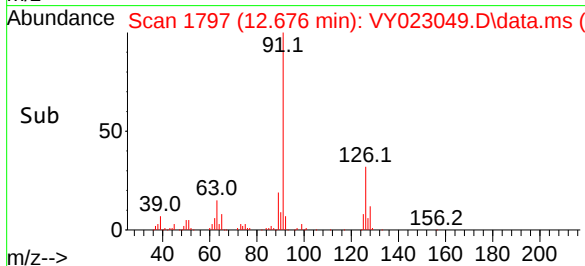
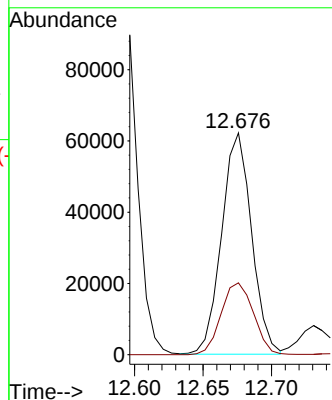
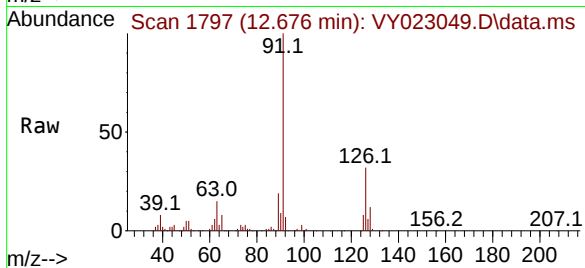
VSTDIC005

Tgt Ion: 91 Resp: 94567

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 4.556 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VY023049.D

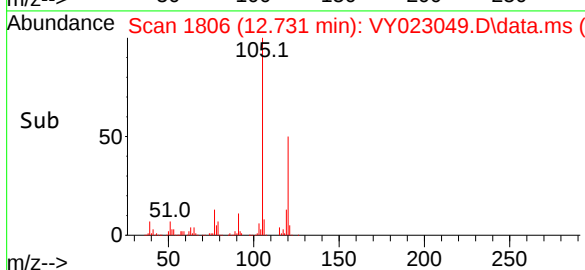
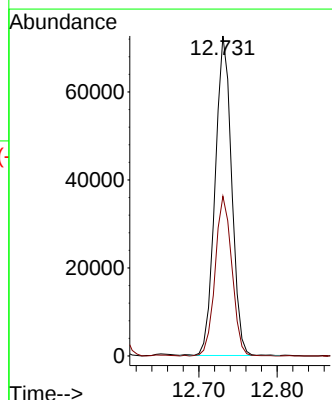
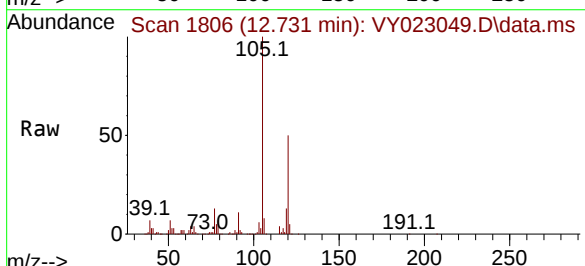
Acq: 12 Aug 2025 14:32

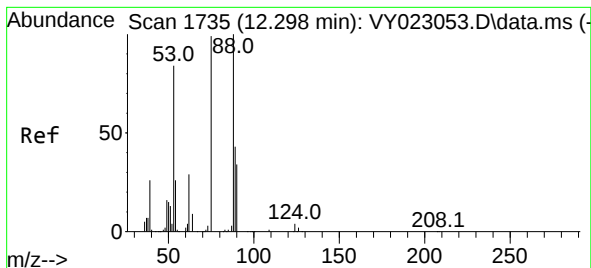
Tgt Ion: 105 Resp: 106466

Ion Ratio Lower Upper

105 100

120 50.7 24.8 74.4

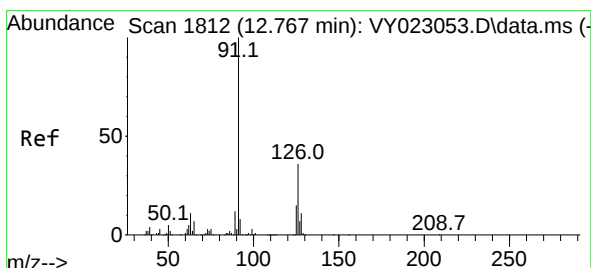
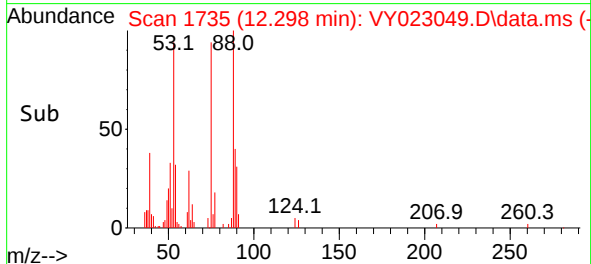
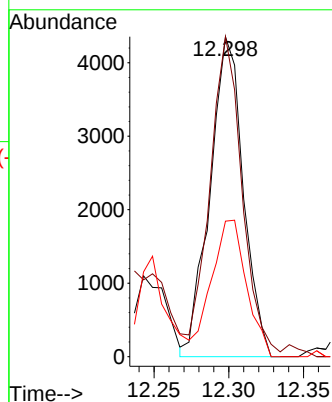
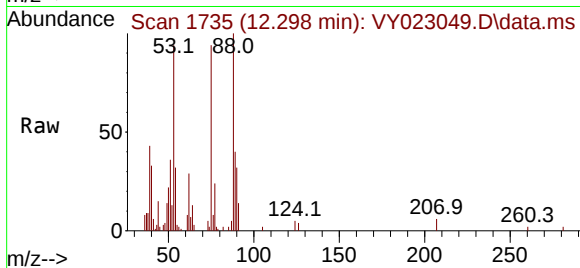




#81
trans-1,4-Dichloro-2-butene
Concen: 4.531 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

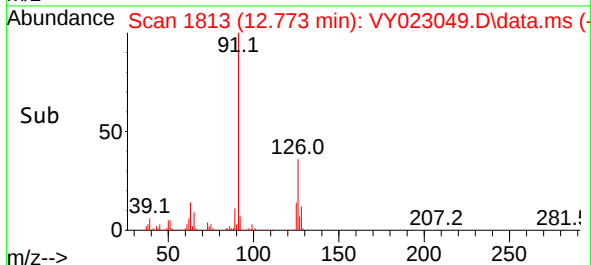
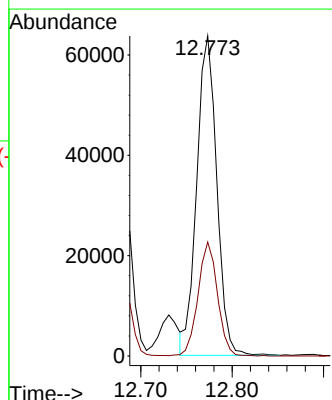
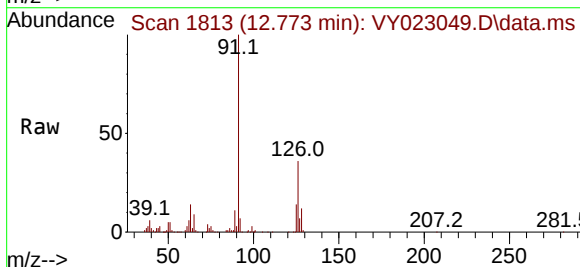
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

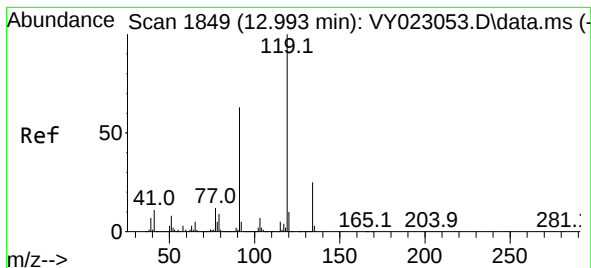
Tgt Ion: 75 Resp: 6726
Ion Ratio Lower Upper
75 100
53 94.0 70.8 106.2
89 45.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 4.836 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 91 Resp: 96970
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0

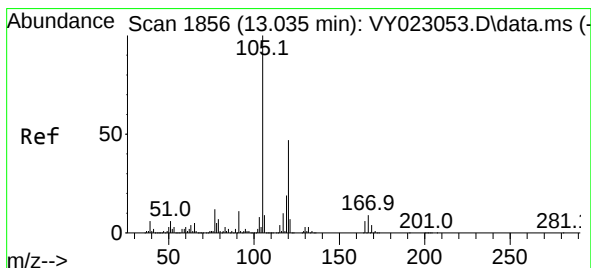
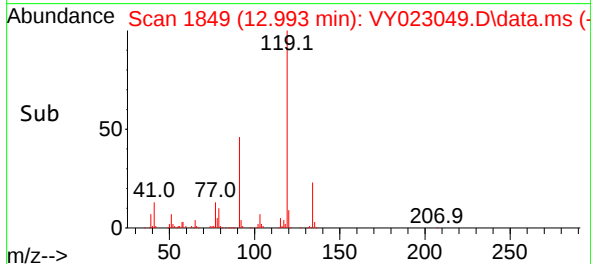
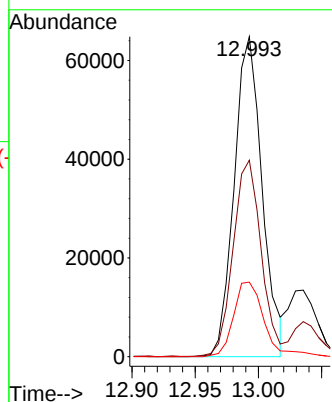
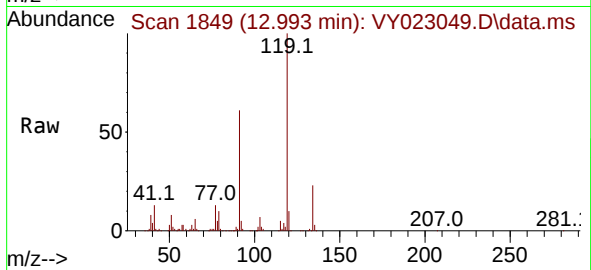




#83
tert-Butylbenzene
Concen: 4.735 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

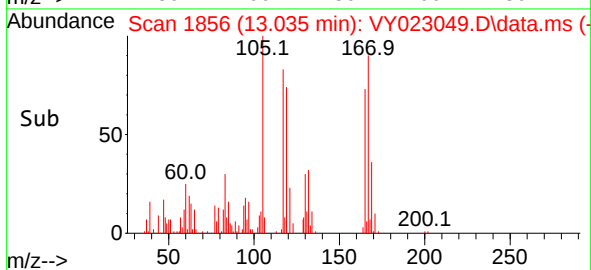
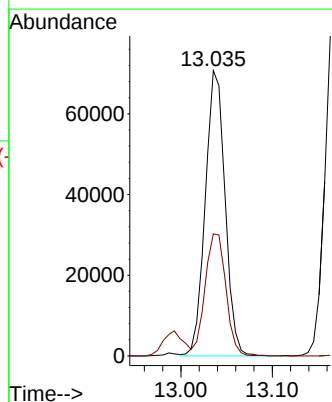
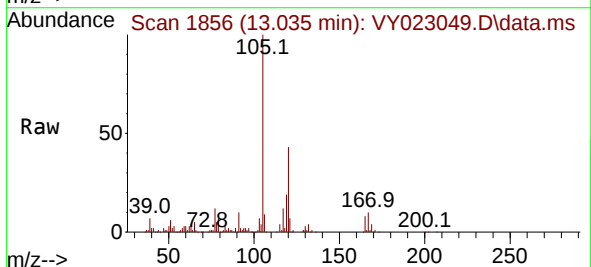
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

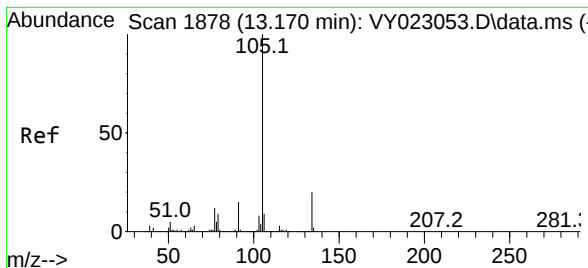
Tgt Ion:119 Resp: 99825
Ion Ratio Lower Upper
119 100
91 61.2 31.6 94.8
134 25.5 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 4.622 ug/l
RT: 13.035 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion:105 Resp: 106383
Ion Ratio Lower Upper
105 100
120 44.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 4.645 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

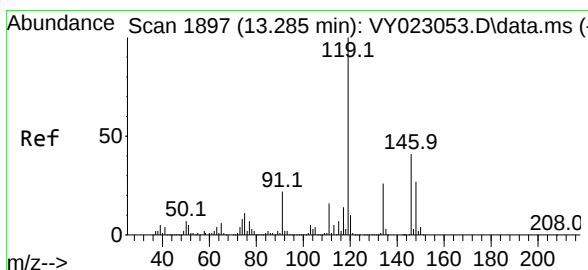
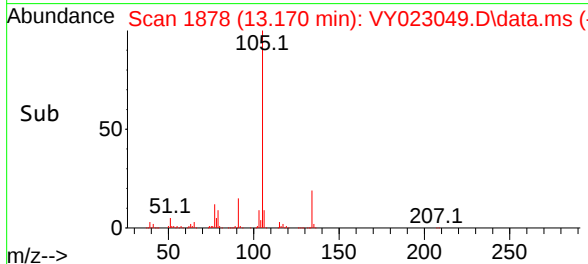
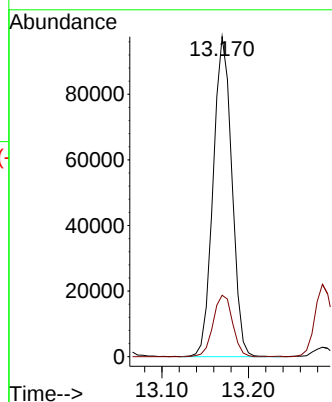
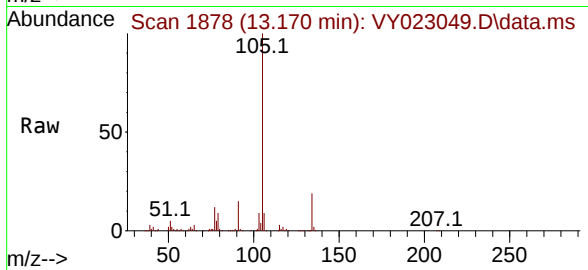
VSTDIC005

Tgt Ion:105 Resp: 146405

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 4.543 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

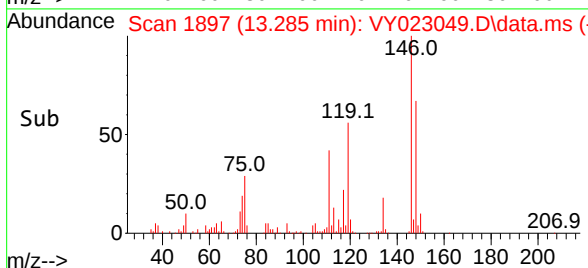
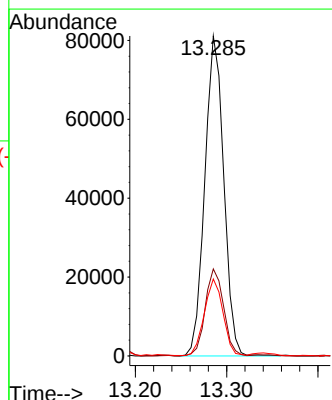
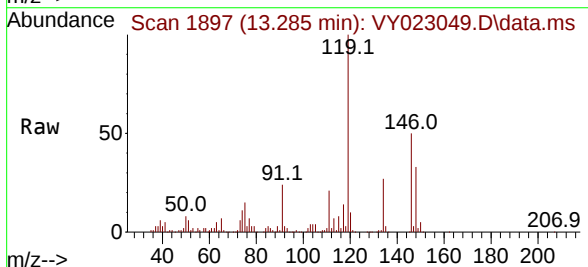
Tgt Ion:119 Resp: 116623

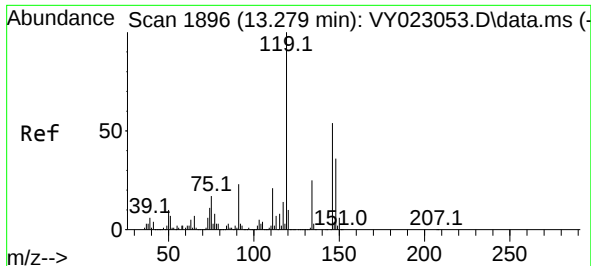
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 23.4 11.3 33.8

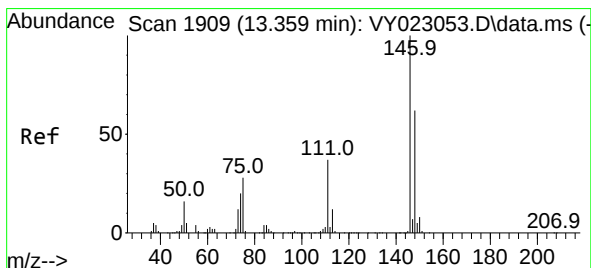
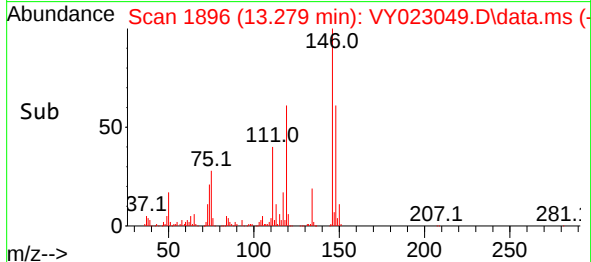
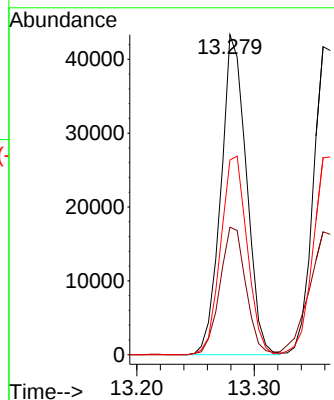
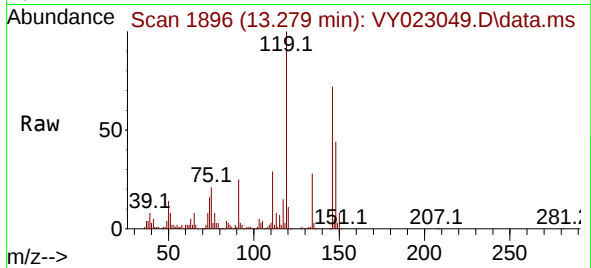




#87
1,3-Dichlorobenzene
Concen: 5.007 ug/l
RT: 13.279 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

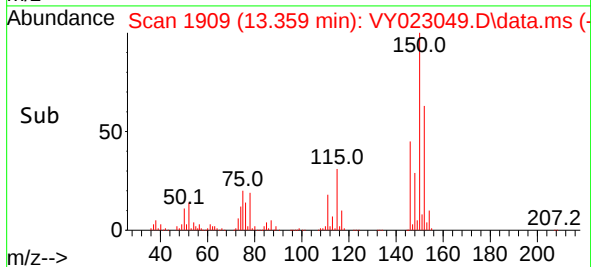
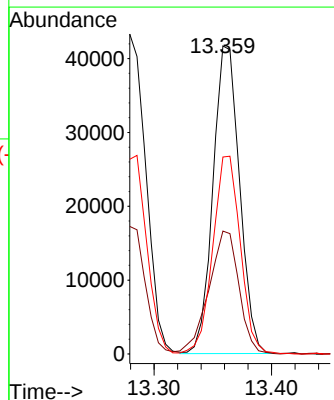
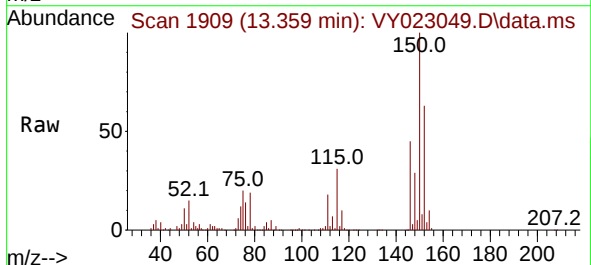
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

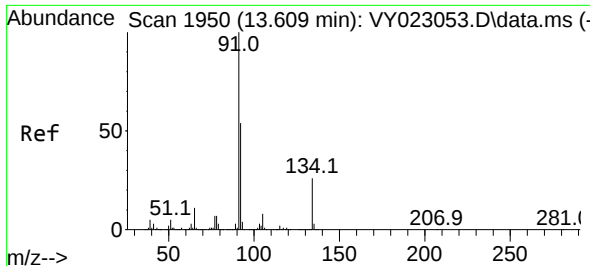
Tgt Ion:146 Resp: 65251
Ion Ratio Lower Upper
146 100
111 40.7 19.6 58.7
148 64.6 32.5 97.5



#88
1,4-Dichlorobenzene
Concen: 5.172 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. -0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion:146 Resp: 65517
Ion Ratio Lower Upper
146 100
111 45.4 19.1 57.1
148 66.7 31.6 94.7

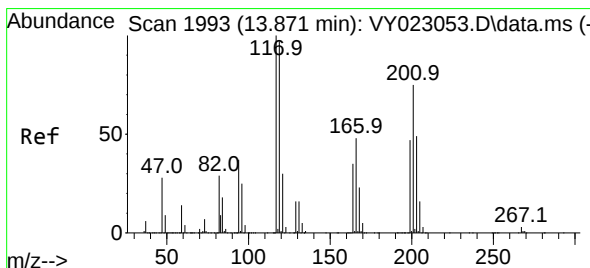
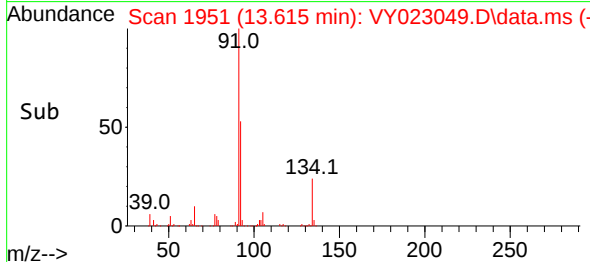
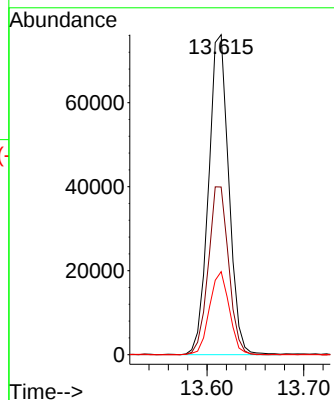
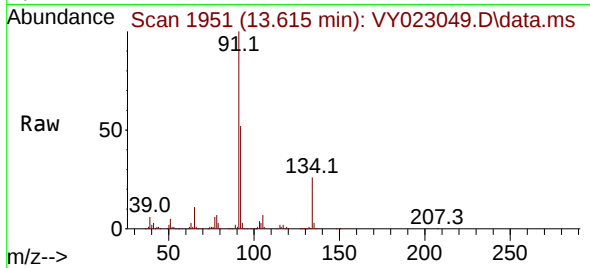




#89
n-Butylbenzene
Concen: 4.678 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

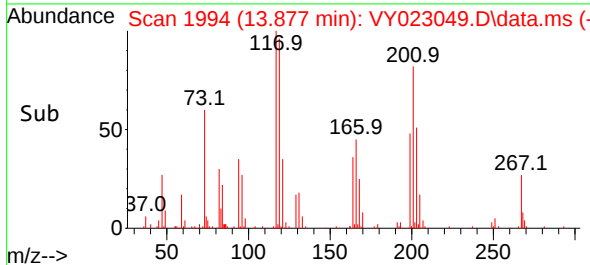
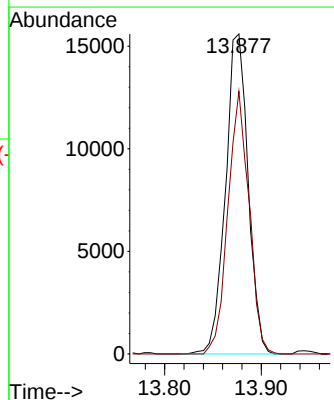
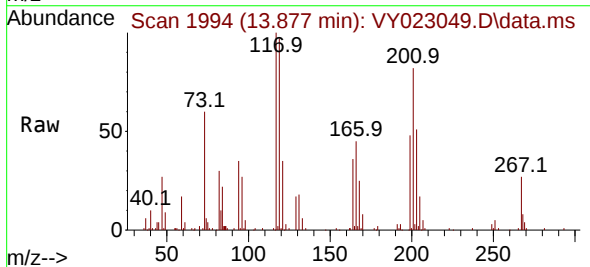
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

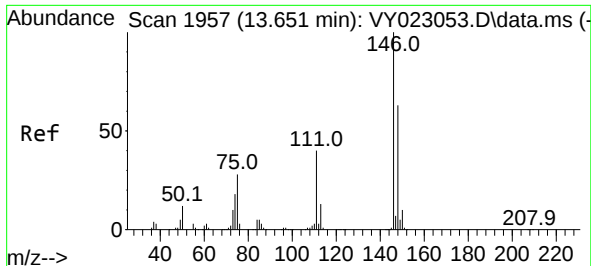
Tgt Ion: 91 Resp: 110812
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 25.4 13.2 39.5



#90
Hexachloroethane
Concen: 4.764 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 117 Resp: 25319
Ion Ratio Lower Upper
117 100
201 76.9 38.4 115.1

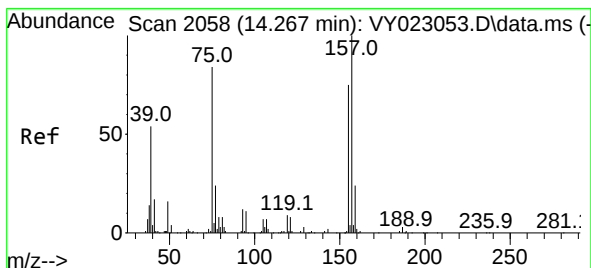
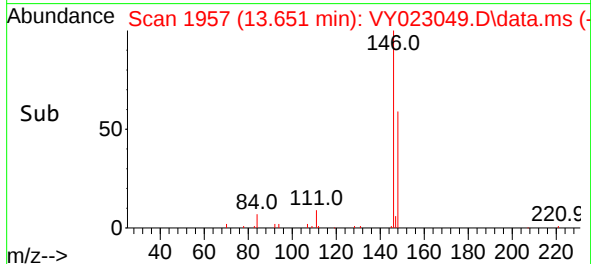
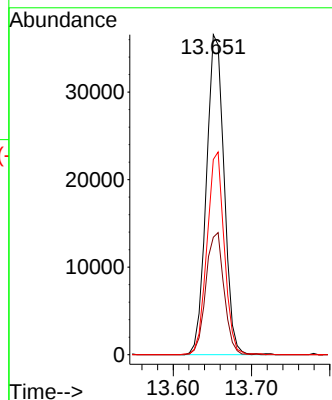
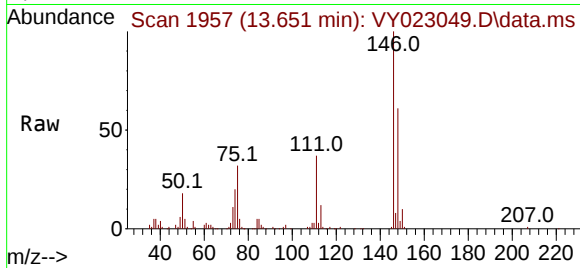




#91
1,2-Dichlorobenzene
Concen: 5.175 ug/l
RT: 13.651 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

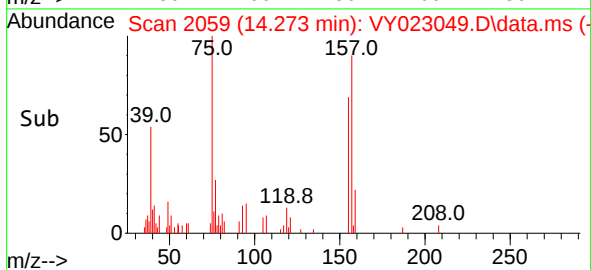
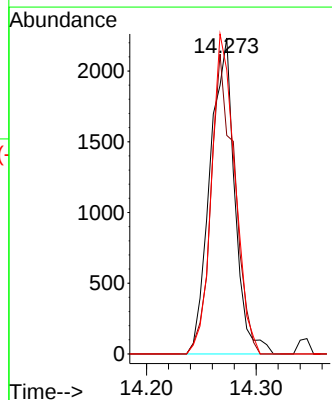
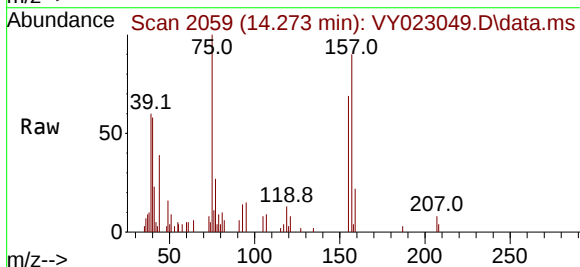
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

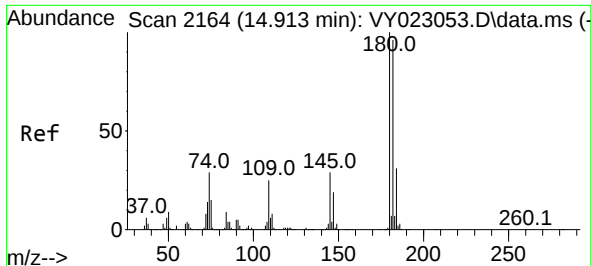
Tgt Ion:146 Resp: 57262
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.8
148 61.8 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.323 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion: 75 Resp: 3480
Ion Ratio Lower Upper
75 100
155 90.2 43.9 131.6
157 96.4 57.2 171.6

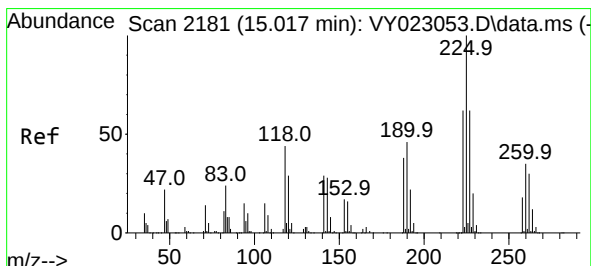
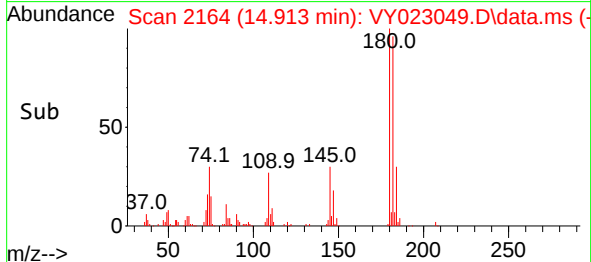
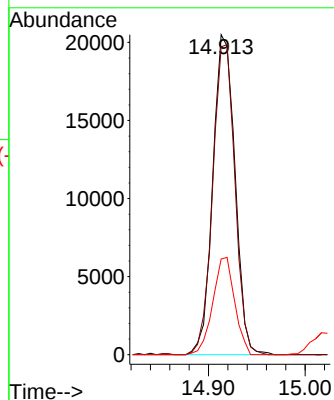
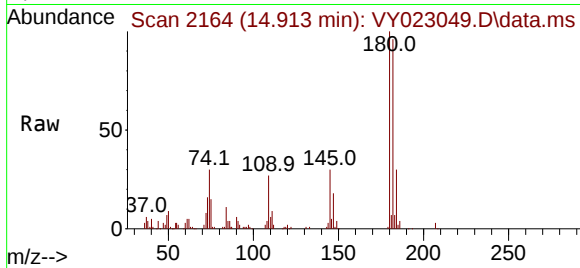




#93
1,2,4-Trichlorobenzene
Concen: 5.505 ug/l
RT: 14.913 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

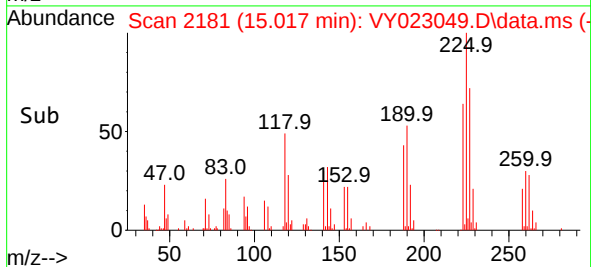
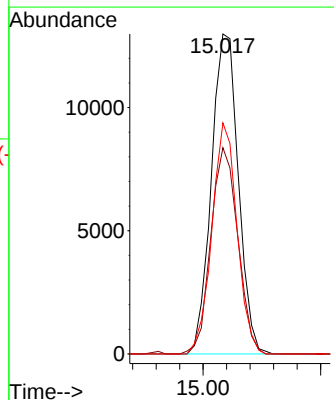
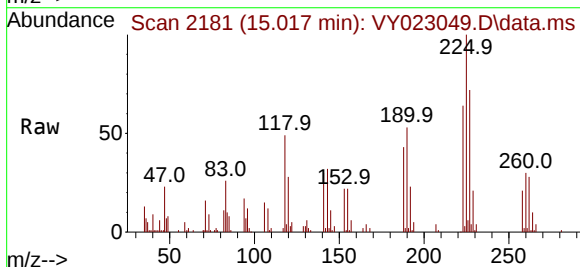
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

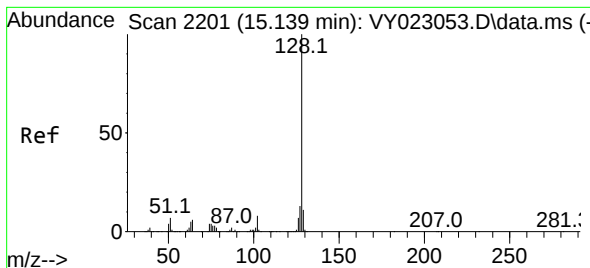
Tgt Ion:180 Resp: 32650
Ion Ratio Lower Upper
180 100
182 96.8 46.8 140.4
145 30.0 14.4 43.4



#94
Hexachlorobutadiene
Concen: 5.565 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY023049.D
Acq: 12 Aug 2025 14:32

Tgt Ion:225 Resp: 20710
Ion Ratio Lower Upper
225 100
223 64.3 31.3 93.8
227 67.3 31.5 94.5





#95

Naphthalene

Concen: 5.203 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

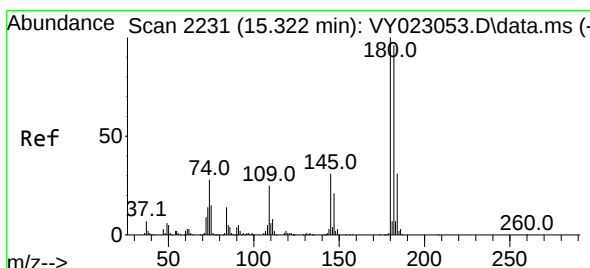
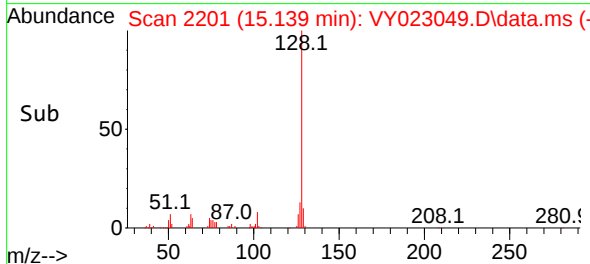
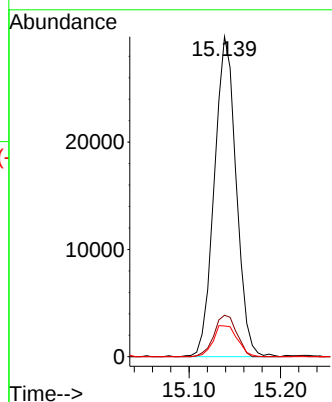
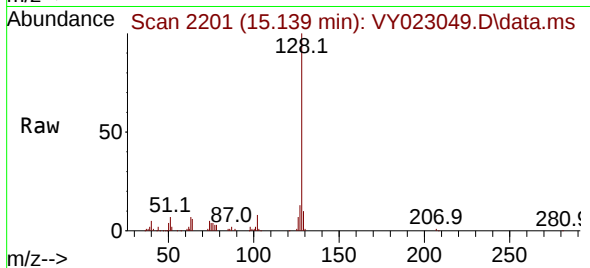
Tgt Ion:128 Resp: 49636

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.7 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 5.682 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023049.D

Acq: 12 Aug 2025 14:32

Tgt Ion:180 Resp: 27865

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.7

145 32.2 15.9 47.7

