

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
 Data File : VY023922.D
 Acq On : 09 Dec 2025 20:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 10 02:35:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	420154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	607941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	530849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	271014	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	143800	34.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.420%
35) Dibromofluoromethane	7.646	113	156170	40.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.100%
50) Toluene-d8	10.115	98	581194	38.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.600%
62) 4-Bromofluorobenzene	12.408	95	191487	37.000	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	167643	52.752	ug/l	93
3) Chloromethane	2.080	50	223603	49.325	ug/l	97
4) Vinyl Chloride	2.214	62	283492	54.824	ug/l	100
5) Bromomethane	2.611	94	224589	60.153	ug/l	97
6) Chloroethane	2.745	64	200032	57.057	ug/l	98
7) Trichlorofluoromethane	3.068	101	410474	56.772	ug/l	95
8) Diethyl Ether	3.464	74	117699	54.337	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.830	101	235413	54.343	ug/l	93
10) Methyl Iodide	4.019	142	338152	69.401	ug/l	97
11) Tert butyl alcohol	4.878	59	58011	188.902	ug/l	99
12) 1,1-Dichloroethene	3.805	96	232497	57.441	ug/l	89
13) Acrolein	3.665	56	36599	139.480	ug/l	98
14) Allyl chloride	4.397	41	296824	45.867	ug/l #	91
15) Acrylonitrile	5.074	53	218563	231.835	ug/l	99
16) Acetone	3.879	43	236059	187.429	ug/l	96
17) Carbon Disulfide	4.122	76	669526	55.985	ug/l	99
18) Methyl Acetate	4.397	43	111983	52.419	ug/l	92
19) Methyl tert-butyl Ether	5.128	73	568855	55.949	ug/l	97
20) Methylene Chloride	4.628	84	260146	57.630	ug/l	89
21) trans-1,2-Dichloroethene	5.128	96	263107	58.917	ug/l	89
22) Diisopropyl ether	6.025	45	685514	48.111	ug/l #	90
23) Vinyl Acetate	5.970	43	1795432	227.319	ug/l #	93
24) 1,1-Dichloroethane	5.927	63	427708	51.952	ug/l	97
25) 2-Butanone	6.902	43	289403	190.612	ug/l	91
26) 2,2-Dichloropropane	6.896	77	381302	50.533	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	308623	59.516	ug/l	90
28) Bromochloromethane	7.256	49	147465	46.879	ug/l #	75
29) Tetrahydrofuran	7.274	42	170486	217.123	ug/l	89
30) Chloroform	7.427	83	469943	56.489	ug/l	99
31) Cyclohexane	7.713	56	364685	46.330	ug/l	91
32) 1,1,1-Trichloroethane	7.628	97	427875	56.976	ug/l	97
36) 1,1-Dichloropropene	7.847	75	327668	56.991	ug/l	96
37) Ethyl Acetate	6.994	43	122032	45.964	ug/l	96
38) Carbon Tetrachloride	7.829	117	394881	62.230	ug/l	98
39) Methylcyclohexane	9.115	83	439412	58.714	ug/l	93
40) Benzene	8.091	78	1025699	59.021	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	64868	47.399	ug/l #	92
42) 1,2-Dichloroethane	8.164	62	261385	57.639	ug/l	97
43) Isopropyl Acetate	8.207	43	238871	48.088	ug/l	94
44) Trichloroethene	8.872	130	297793	66.597	ug/l	96
45) 1,2-Dichloropropane	9.146	63	226301	54.997	ug/l	100
46) Dibromomethane	9.237	93	134985	60.594	ug/l	91
47) Bromodichloromethane	9.426	83	355149	60.427	ug/l	99
48) Methyl methacrylate	9.225	41	113170	48.767	ug/l	85
49) 1,4-Dioxane	9.237	88	28271	1141.337	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	625741	239.561	ug/l	95
52) Toluene	10.176	92	685127	62.955	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	307279	57.928	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	368368	58.972	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	184259	61.274	ug/l	96
56) Ethyl methacrylate	10.445	69	221262	50.367	ug/l	93
57) 1,3-Dichloropropane	10.719	76	301032	58.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	486548	254.584	ug/l	91
59) 2-Hexanone	10.768	43	433950	220.280	ug/l	94
60) Dibromochloromethane	10.914	129	261682	64.897	ug/l	99
61) 1,2-Dibromoethane	11.018	107	172151	62.816	ug/l	99
64) Tetrachloroethene	10.652	164	364742	70.212	ug/l	97
65) Chlorobenzene	11.444	112	754537	62.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	268429	64.932	ug/l	99
67) Ethyl Benzene	11.524	91	1278296	61.026	ug/l	98
68) m/p-Xylenes	11.633	106	1022303	127.688	ug/l	95
69) o-Xylene	11.956	106	478885	63.950	ug/l	97
70) Styrene	11.975	104	775602	62.831	ug/l	99
71) Bromoform	12.139	173	152474	65.276	ug/l	100
73) Isopropylbenzene	12.255	105	1243595	62.281	ug/l	98
74) N-amyl acetate	12.072	43	197469	45.632	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	170934	53.059	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	239706	89.218	ug/l #	100
77) Bromobenzene	12.536	156	310005	66.850	ug/l	88
78) n-propylbenzene	12.597	91	1422322	59.031	ug/l	96
79) 2-Chlorotoluene	12.682	91	817780	59.762	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	998776	61.560	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	57279	51.061	ug/l	96
82) 4-Chlorotoluene	12.779	91	823734	58.063	ug/l	96
83) tert-Butylbenzene	12.999	119	927637	63.421	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	982805	61.146	ug/l	97
85) sec-Butylbenzene	13.176	105	1301578	59.821	ug/l	98
86) p-Isopropyltoluene	13.292	119	1097214	60.905	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	577772	61.841	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	553843	60.448	ug/l	99
89) n-Butylbenzene	13.621	91	938888	56.308	ug/l	99
90) Hexachloroethane	13.883	117	220126	58.245	ug/l	91
91) 1,2-Dichlorobenzene	13.663	146	494287	60.827	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	24897	49.151	ug/l	90
93) 1,2,4-Trichlorobenzene	14.925	180	270051	56.052	ug/l	99
94) Hexachlorobutadiene	15.023	225	175609	58.096	ug/l	99
95) Naphthalene	15.145	128	419037	52.776	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	222170	54.038	ug/l	99

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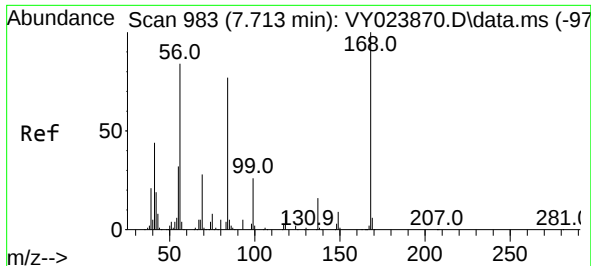
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Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

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

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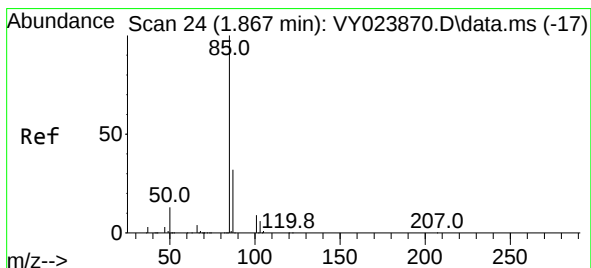
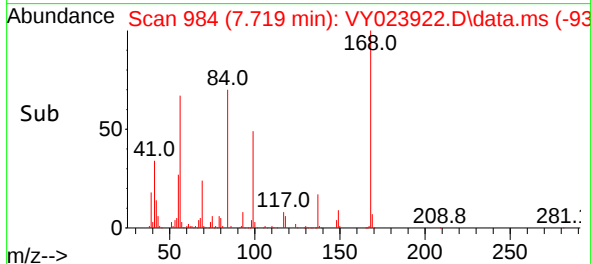
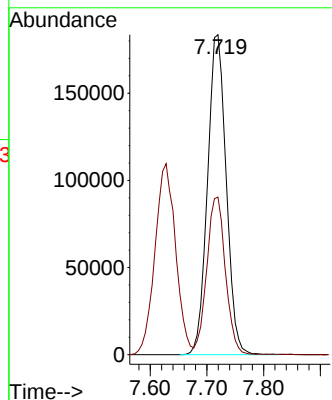
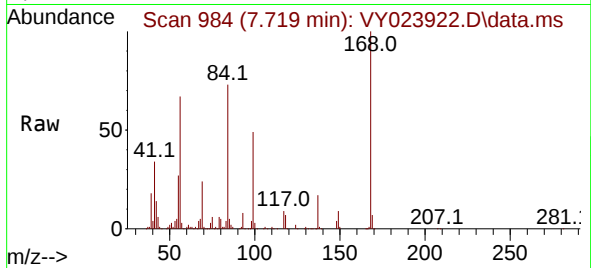




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023922.D
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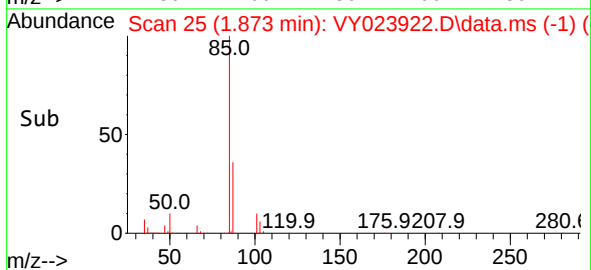
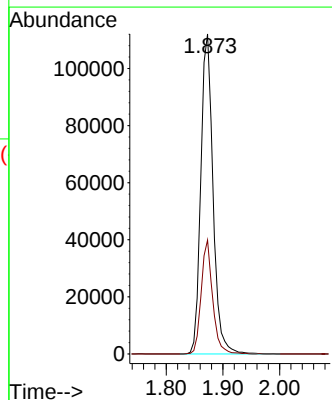
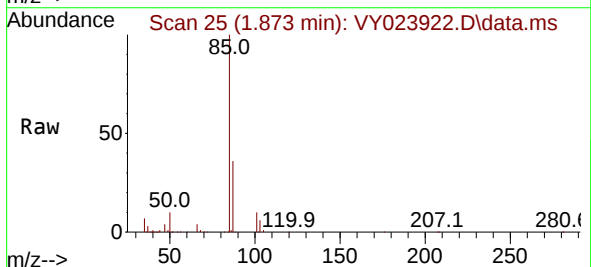
Instrument :
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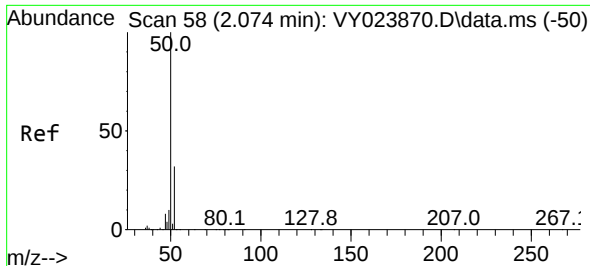
Tgt Ion:168 Resp: 420154
Ion Ratio Lower Upper
168 100
99 49.2 42.5 63.7



#2
Dichlorodifluoromethane
Concen: 52.752 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 85 Resp: 167643
Ion Ratio Lower Upper
85 100
87 35.6 15.9 47.6

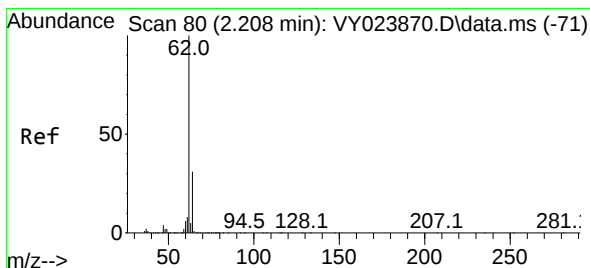
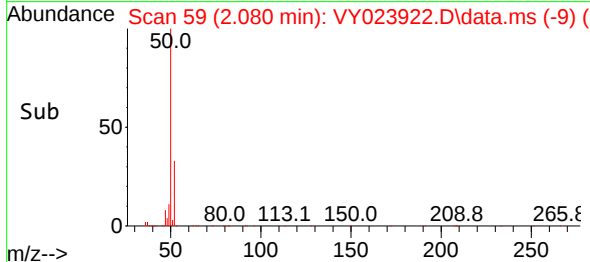
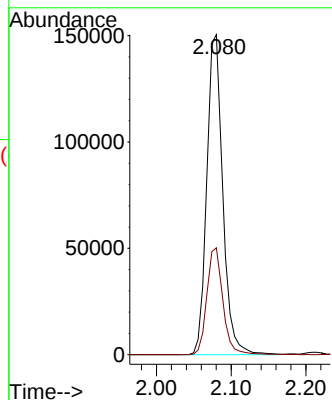
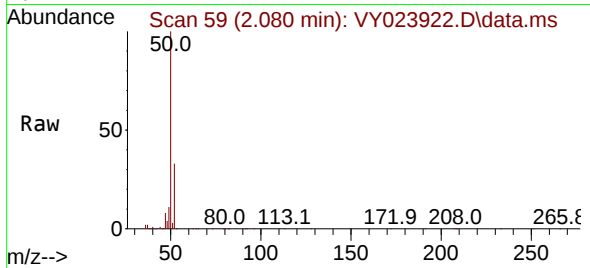




#3
Chloromethane
Concen: 49.325 ug/l
RT: 2.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

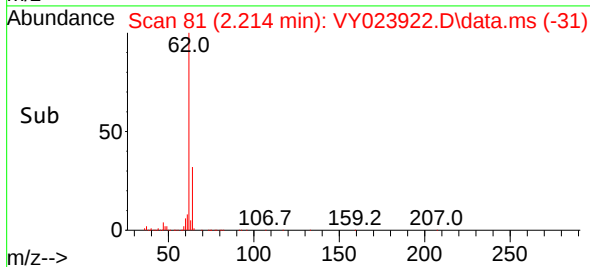
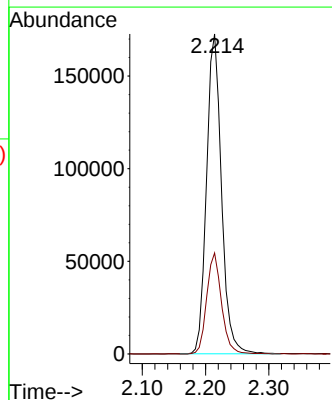
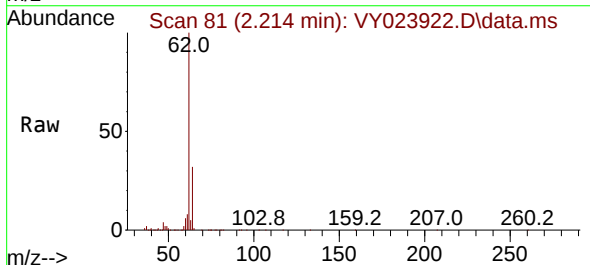
Instrument :
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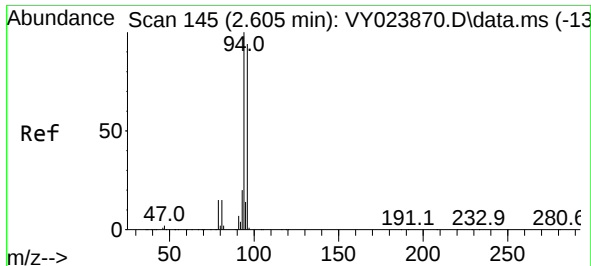
Tgt Ion: 50 Resp: 223603
Ion Ratio Lower Upper
50 100
52 33.4 25.2 37.8



#4
Vinyl Chloride
Concen: 54.824 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 62 Resp: 283492
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7

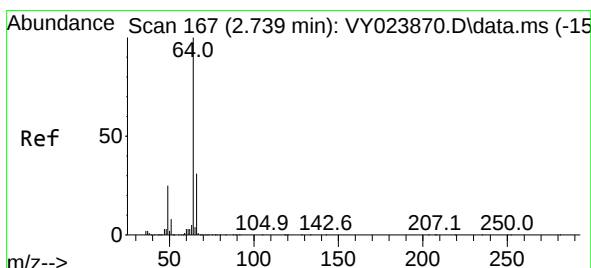
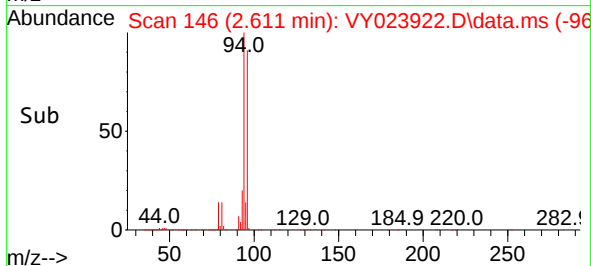
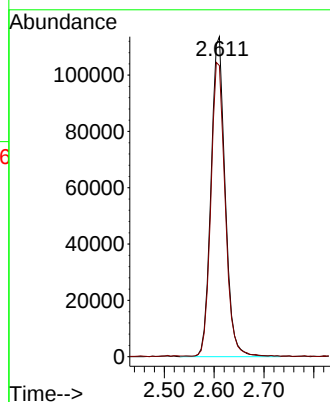
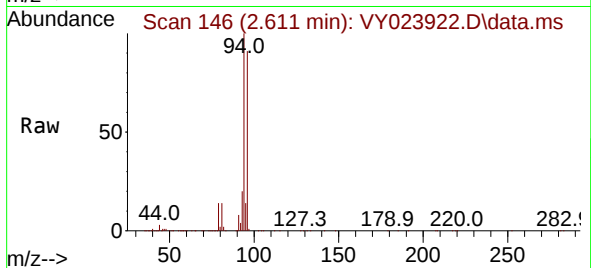




#5
Bromomethane
Concen: 60.153 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

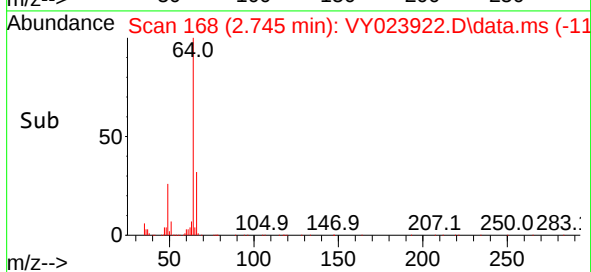
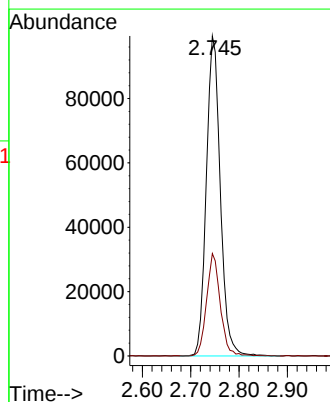
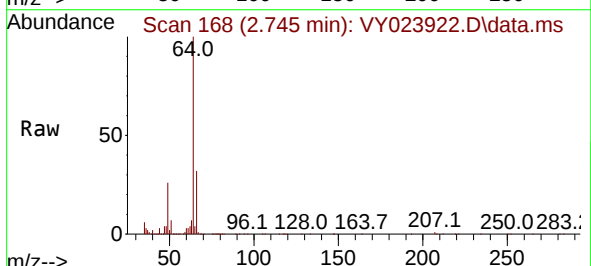
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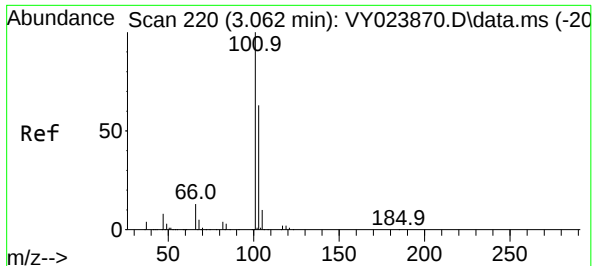
Tgt Ion: 94 Resp: 224589
Ion Ratio Lower Upper
94 100
96 90.8 75.2 112.8



#6
Chloroethane
Concen: 57.057 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 64 Resp: 200032
Ion Ratio Lower Upper
64 100
66 32.0 24.8 37.2

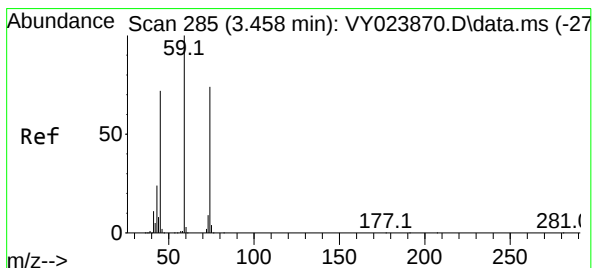
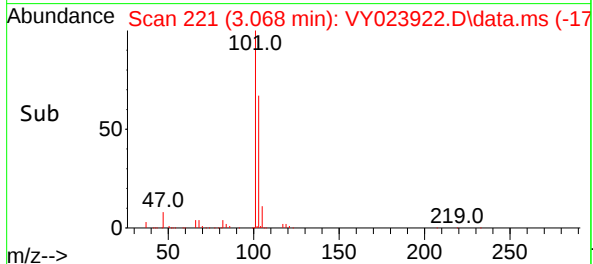
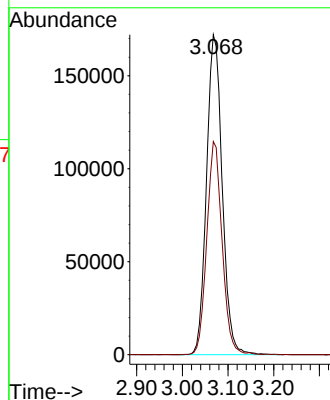
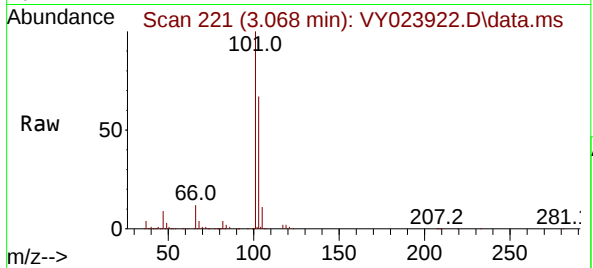




#7
Trichlorofluoromethane
Concen: 56.772 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023922.D
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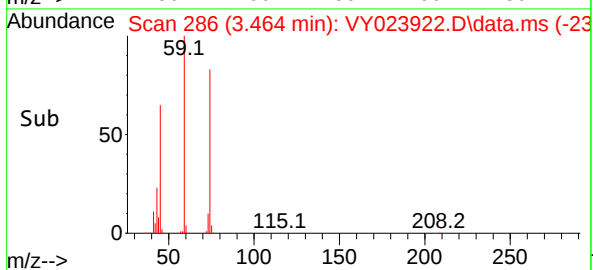
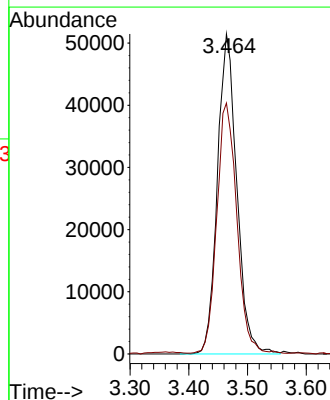
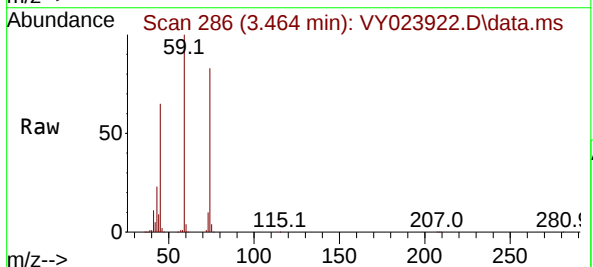
Instrument :
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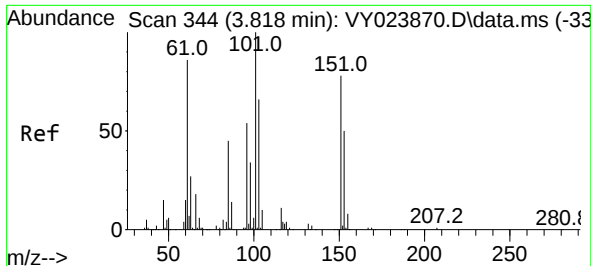
Tgt Ion:101 Resp: 410474
Ion Ratio Lower Upper
101 100
103 66.6 50.2 75.2



#8
Diethyl Ether
Concen: 54.337 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 74 Resp: 117699
Ion Ratio Lower Upper
74 100
45 80.8 48.4 145.3

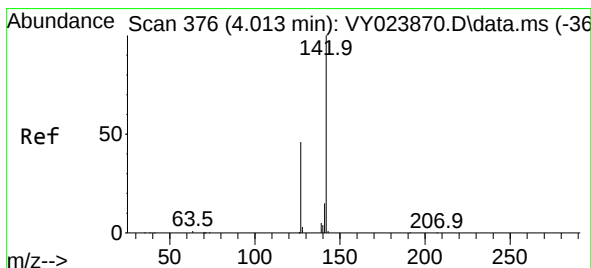
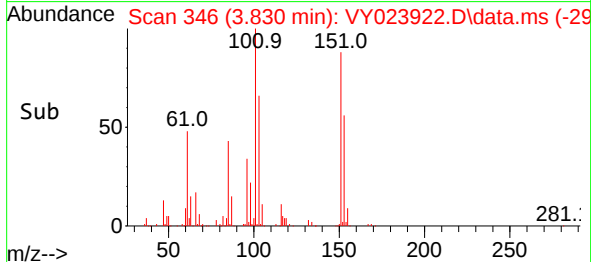
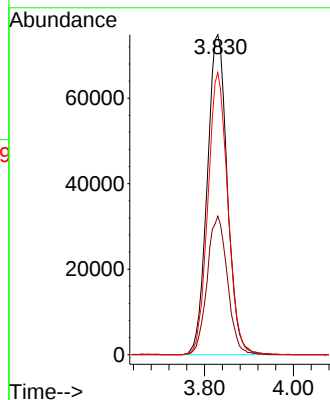
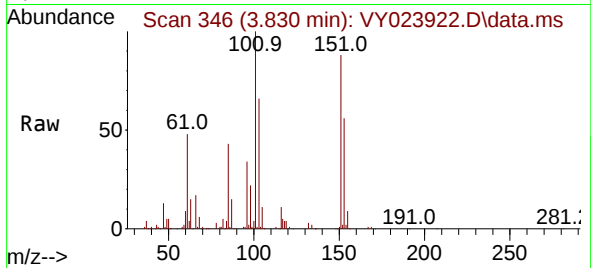




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.343 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

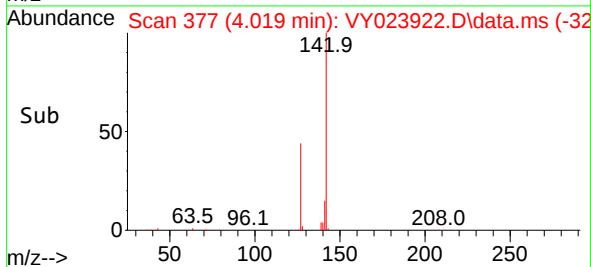
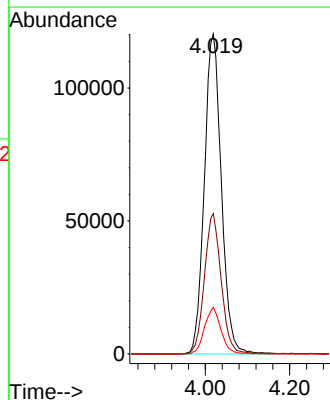
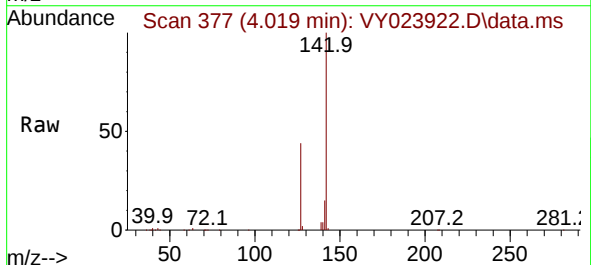
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

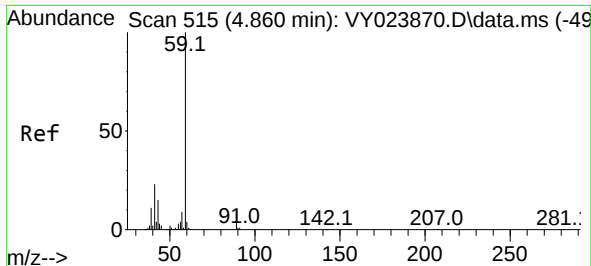
Tgt Ion:101 Resp: 235413
Ion Ratio Lower Upper
101 100
85 43.7 35.8 53.8
151 87.3 63.4 95.0



#10
Methyl Iodide
Concen: 69.401 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion:142 Resp: 338152
Ion Ratio Lower Upper
142 100
127 43.2 36.1 54.1
141 14.1 11.8 17.8

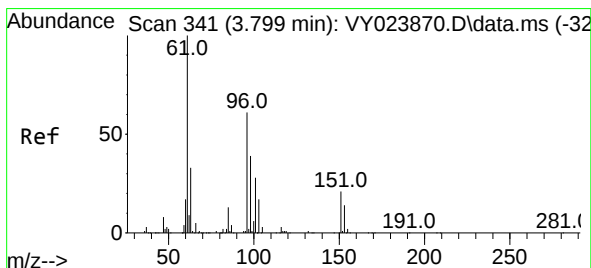
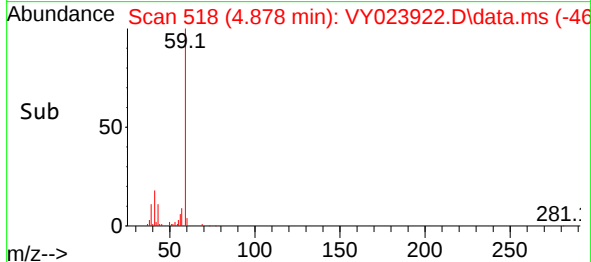
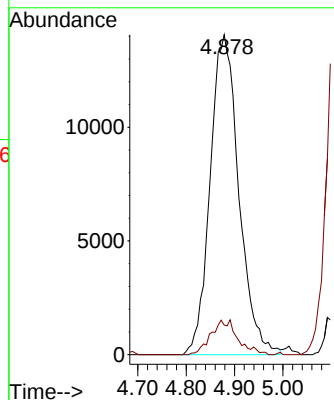
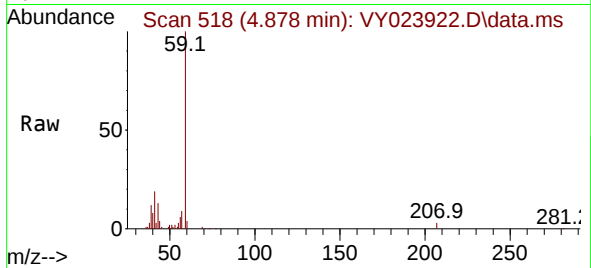




#11
Tert butyl alcohol
Concen: 188.902 ug/l
RT: 4.878 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

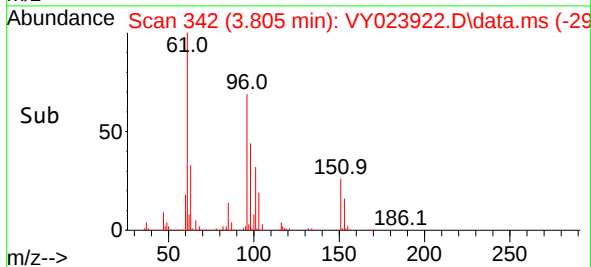
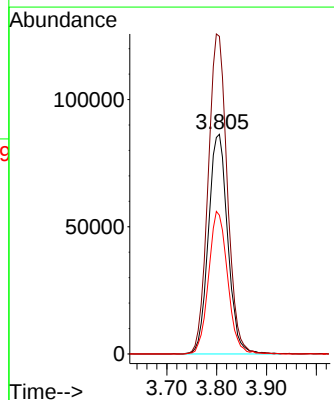
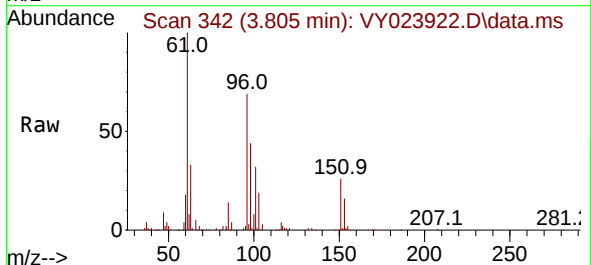
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

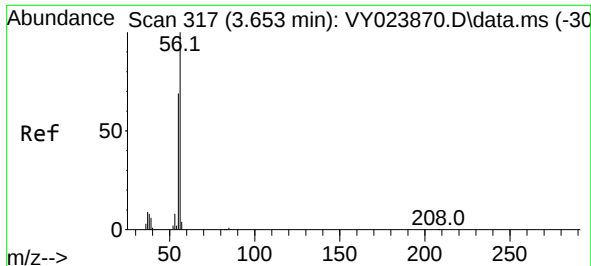
Tgt Ion: 59 Resp: 58011
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 57.441 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 96 Resp: 232497
Ion Ratio Lower Upper
96 100
61 144.7 131.2 196.8
98 63.1 51.3 76.9

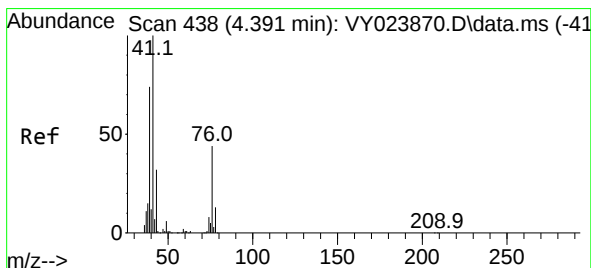
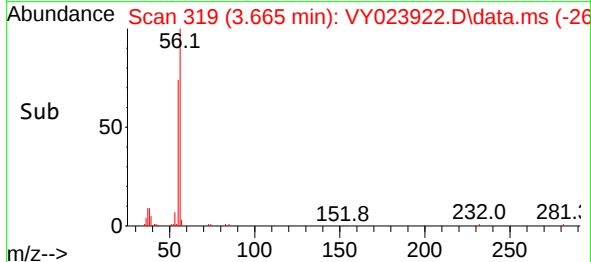
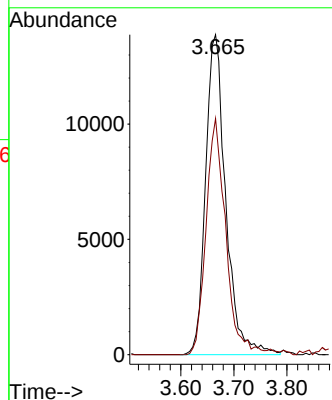
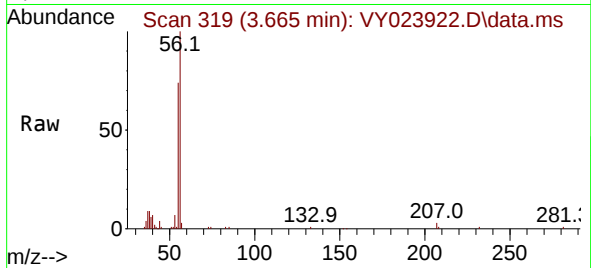




#13
Acrolein
Concen: 139.480 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

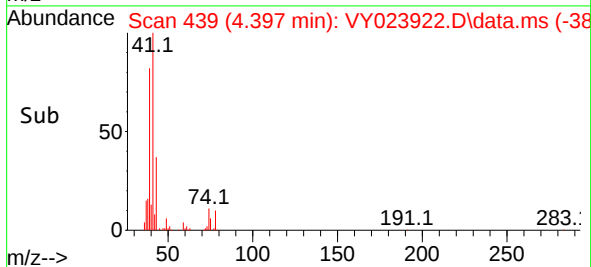
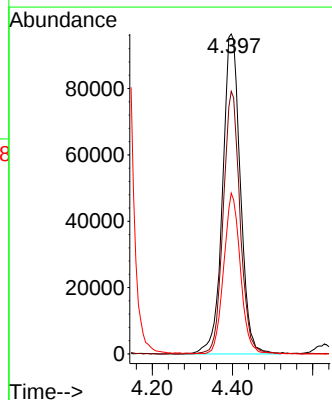
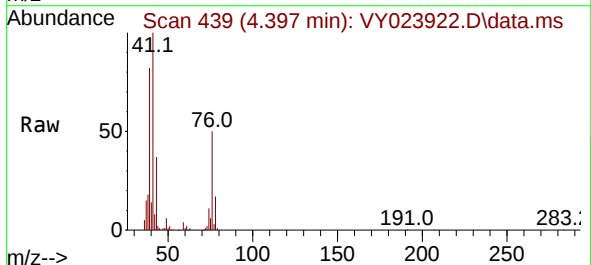
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

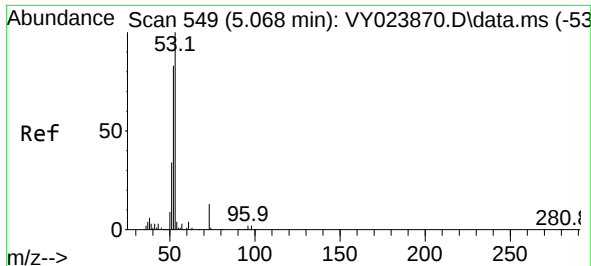
Tgt Ion: 56 Resp: 36599
Ion Ratio Lower Upper
56 100
55 72.0 59.0 88.6



#14
Allyl chloride
Concen: 45.867 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 41 Resp: 296824
Ion Ratio Lower Upper
41 100
39 77.7 57.4 86.0
76 46.7 30.8 46.2#

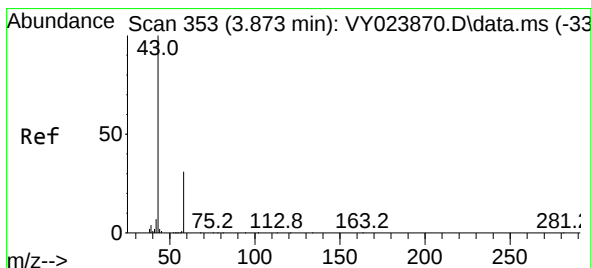
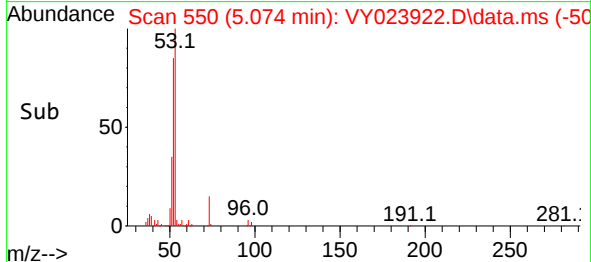
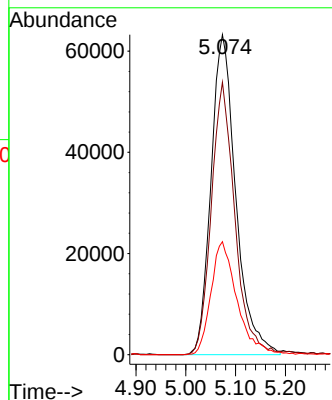
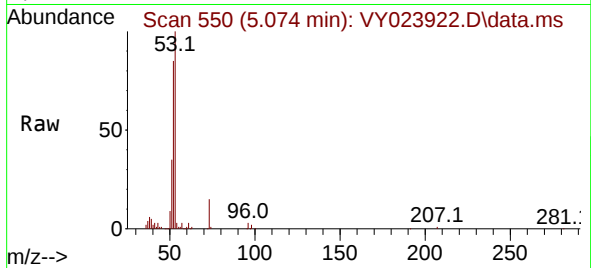




#15
Acrylonitrile
Concen: 231.835 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

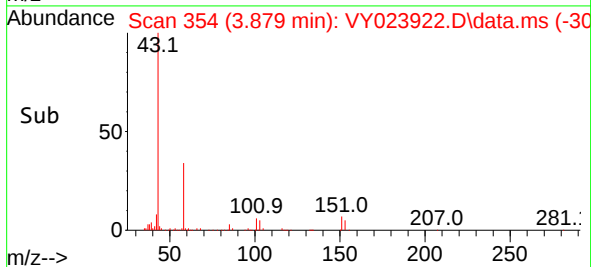
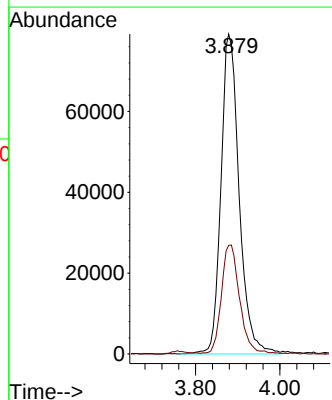
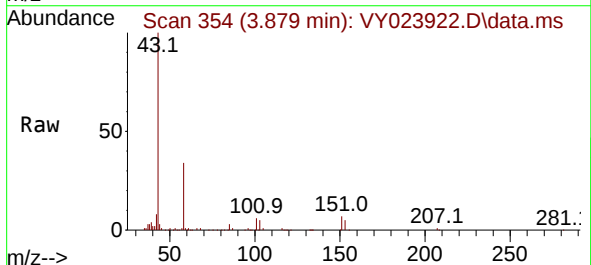
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

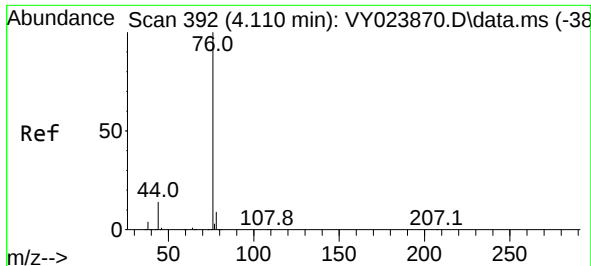
Tgt Ion: 53 Resp: 218563
Ion Ratio Lower Upper
53 100
52 80.6 65.1 97.7
51 37.2 29.5 44.3



#16
Acetone
Concen: 187.429 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 43 Resp: 236059
Ion Ratio Lower Upper
43 100
58 33.8 25.1 37.7

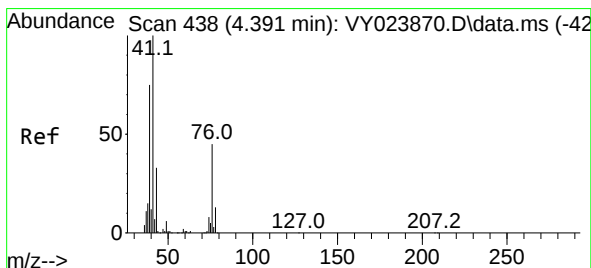
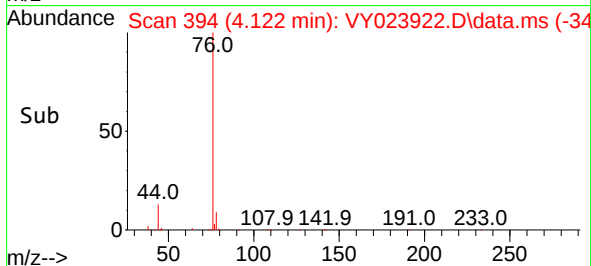
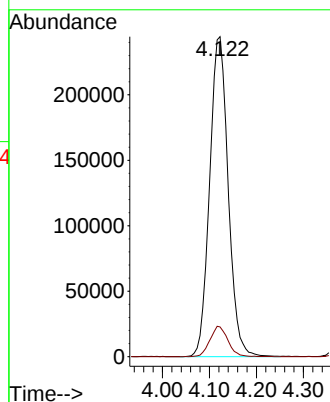
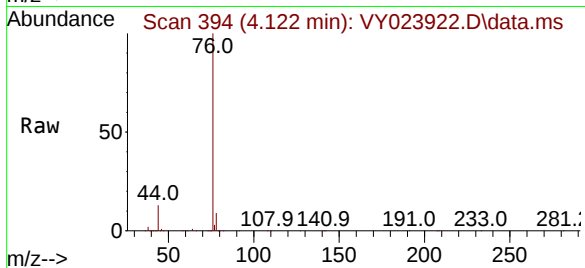




#17
Carbon Disulfide
Concen: 55.985 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

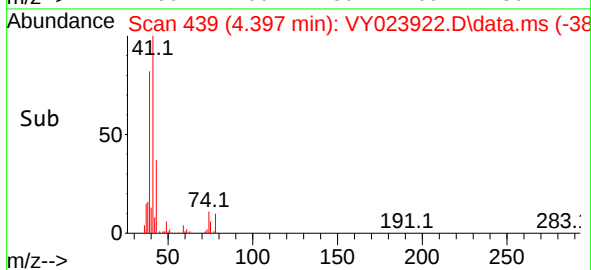
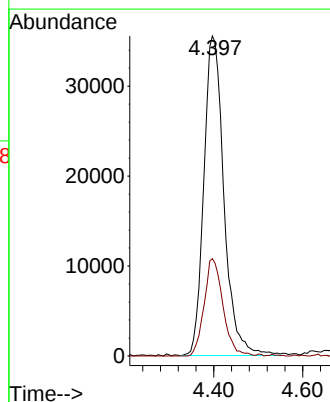
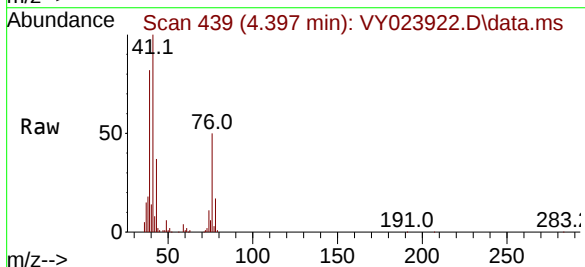
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

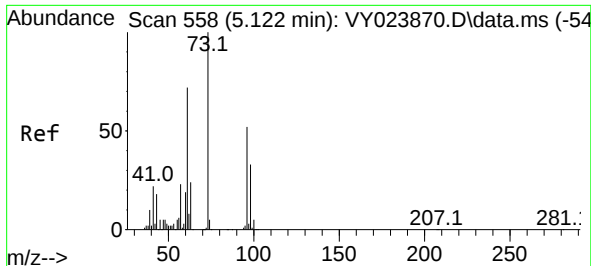
Tgt Ion: 76 Resp: 669526
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 52.419 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 43 Resp: 111983
Ion Ratio Lower Upper
43 100
74 28.5 19.6 29.4





#19

Methyl tert-butyl Ether

Concen: 55.949 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

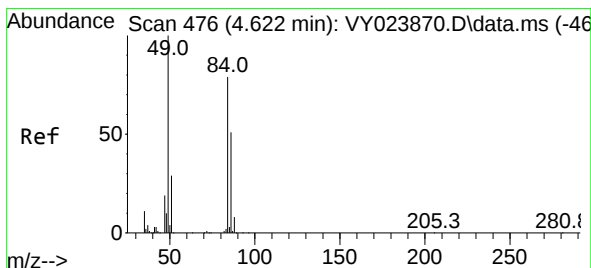
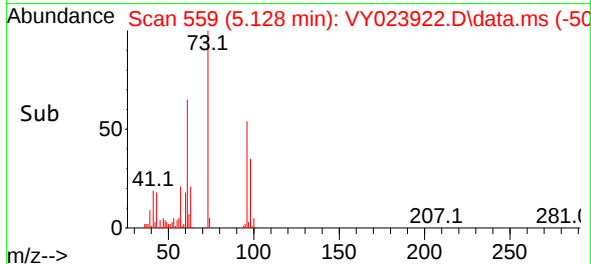
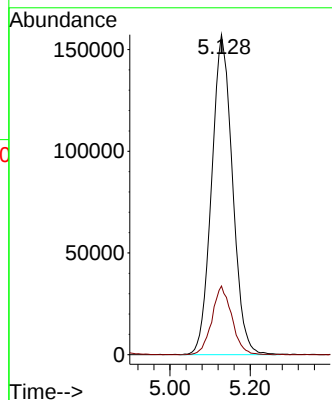
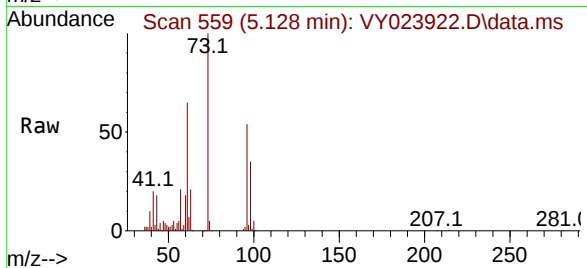
VSTDCCC050EC

Tgt Ion: 73 Resp: 568855

Ion Ratio Lower Upper

73 100

57 21.4 18.2 27.2



#20

Methylene Chloride

Concen: 57.630 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Tgt Ion: 84 Resp: 260146

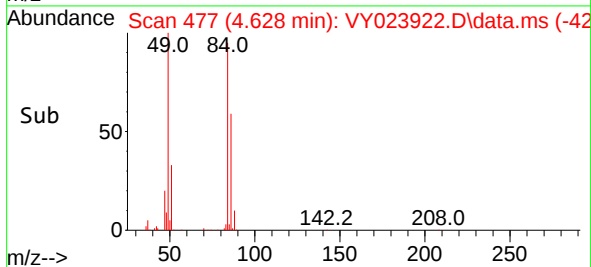
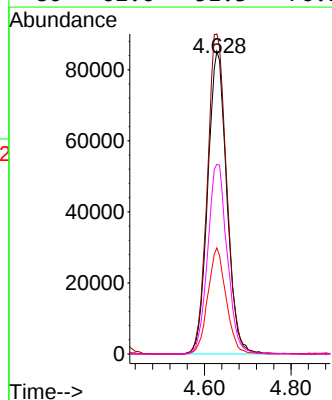
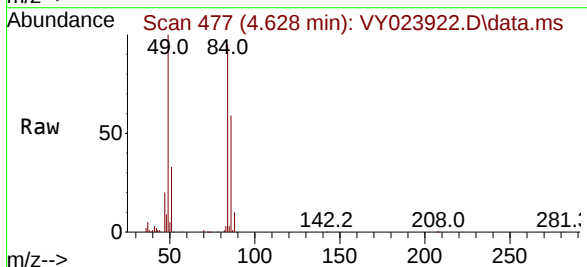
Ion Ratio Lower Upper

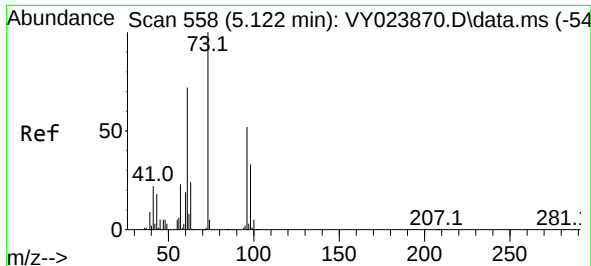
84 100

49 105.7 100.6 151.0

51 35.0 29.0 43.6

86 62.6 51.3 76.9

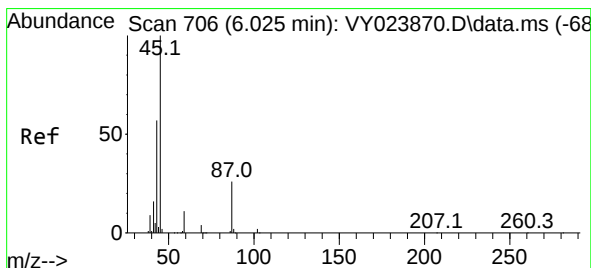
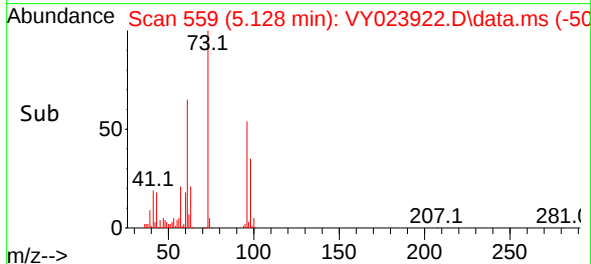
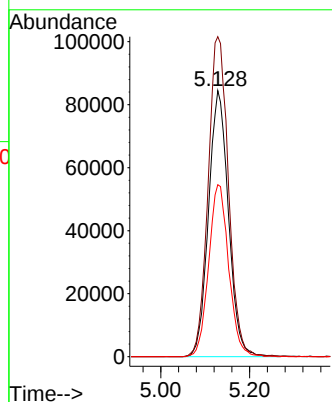
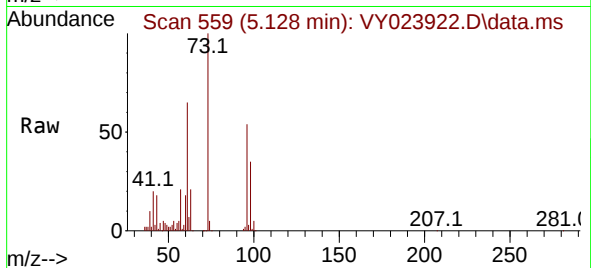




#21
trans-1,2-Dichloroethene
Concen: 58.917 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

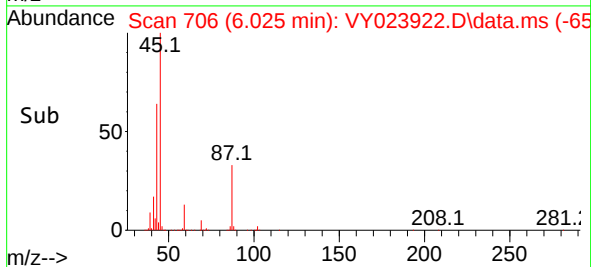
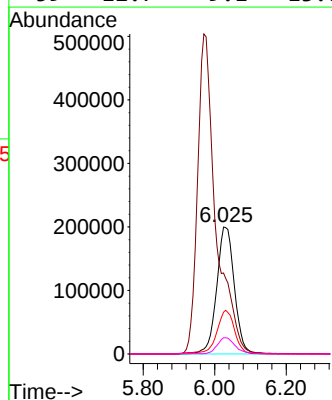
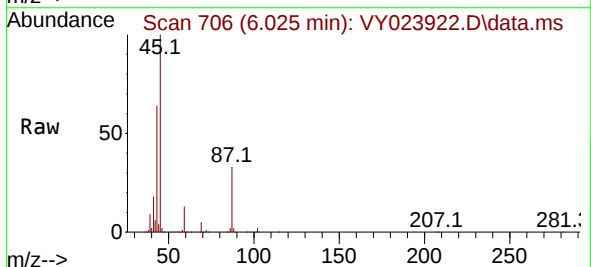
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

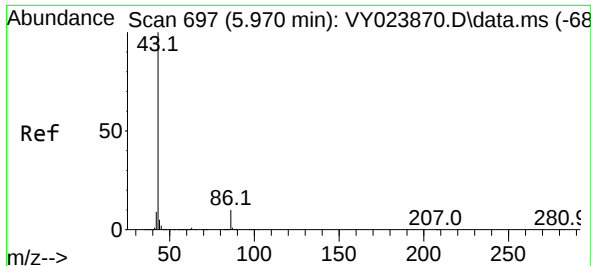
Tgt Ion: 96 Resp: 263107
Ion Ratio Lower Upper
96 100
61 120.3 111.7 167.5
98 64.6 51.5 77.3



#22
Diisopropyl ether
Concen: 48.111 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 45 Resp: 685514
Ion Ratio Lower Upper
45 100
43 63.8 45.5 68.3
87 32.9 20.7 31.1#
59 12.7 9.1 13.7

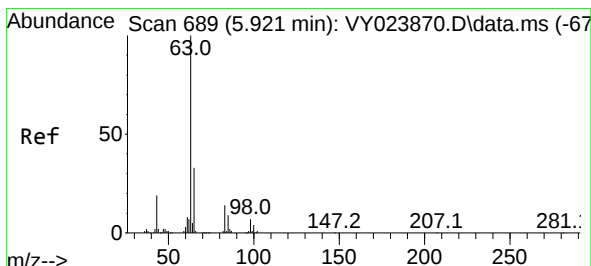
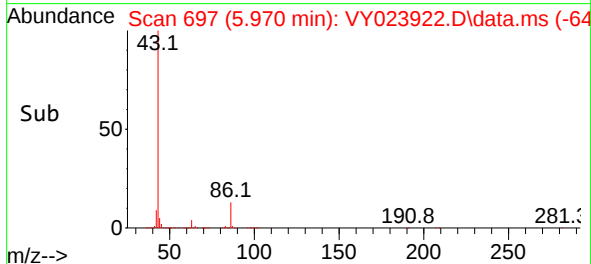
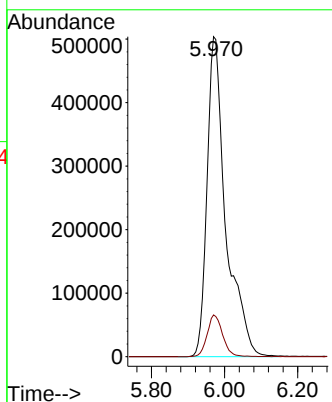
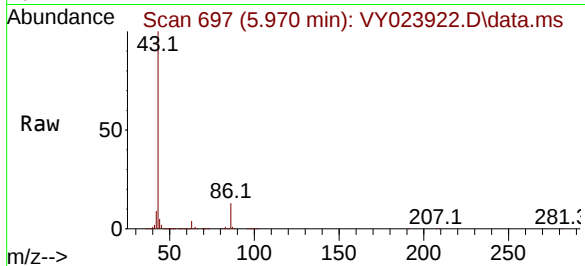




#23
 Vinyl Acetate
 Concen: 227.319 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY023922.D
 Acq: 09 Dec 2025 20:33

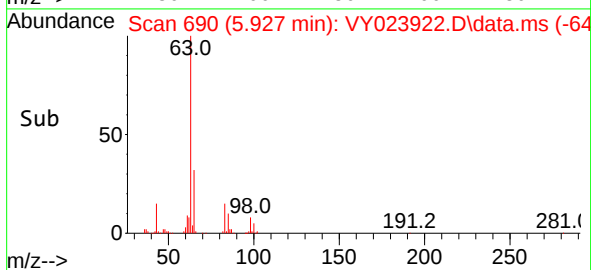
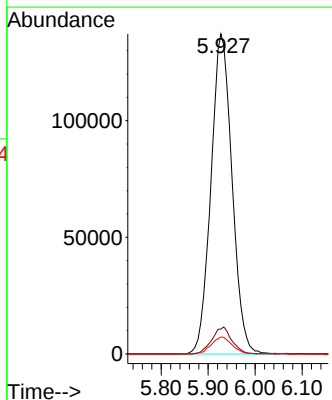
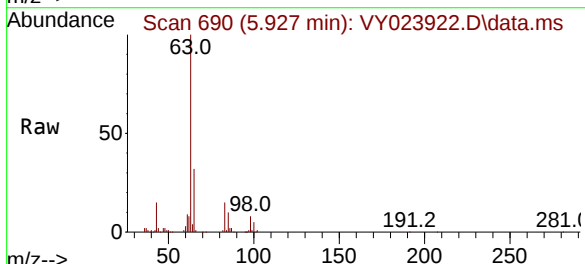
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

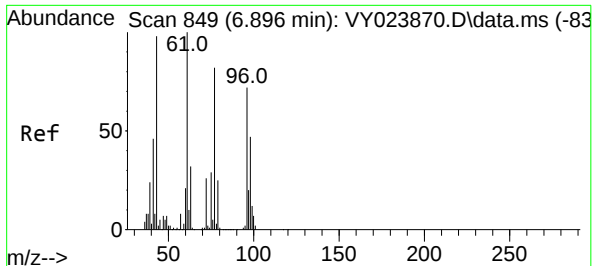
Tgt Ion: 43 Resp: 1795432
 Ion Ratio Lower Upper
 43 100
 86 13.0 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 51.952 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY023922.D
 Acq: 09 Dec 2025 20:33

Tgt Ion: 63 Resp: 427708
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.1
 100 5.3 2.2 6.6

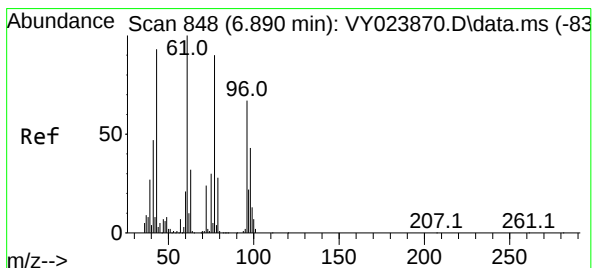
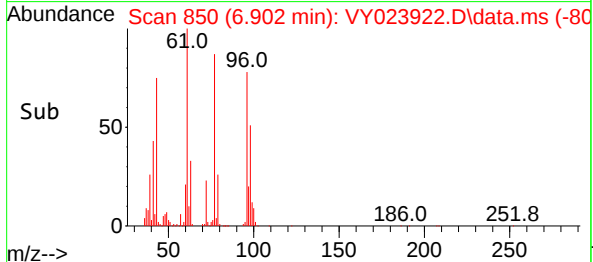
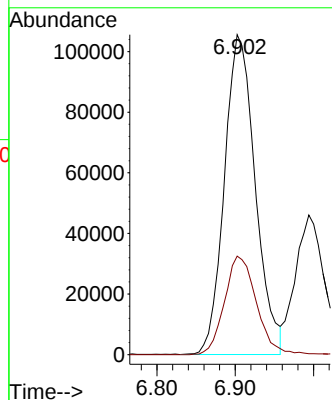
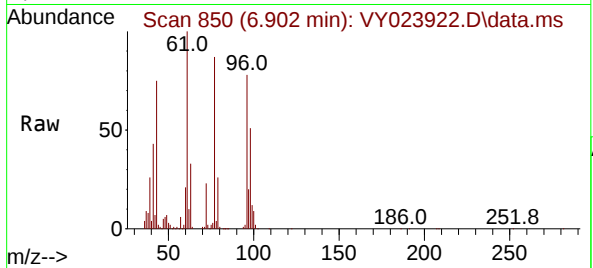




#25
2-Butanone
Concen: 190.612 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

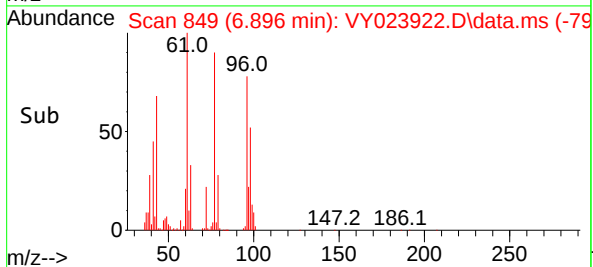
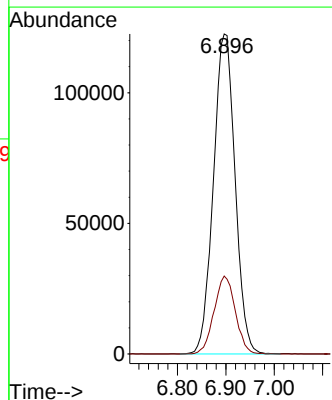
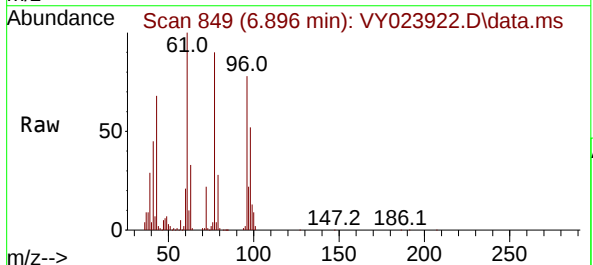
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

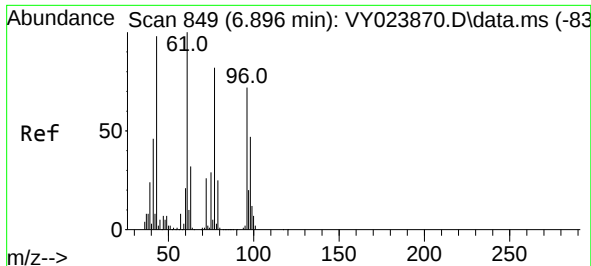
Tgt Ion: 43 Resp: 289403
Ion Ratio Lower Upper
43 100
72 30.8 21.0 31.6



#26
2,2-Dichloropropane
Concen: 50.533 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 77 Resp: 381302
Ion Ratio Lower Upper
77 100
97 23.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 59.516 ug/l

RT: 6.902 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

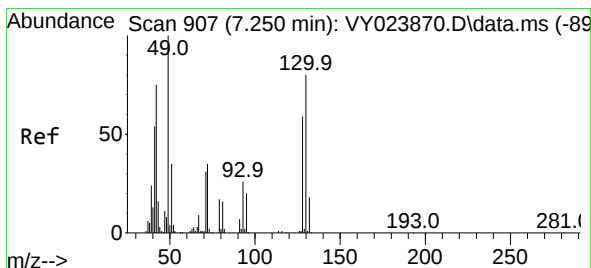
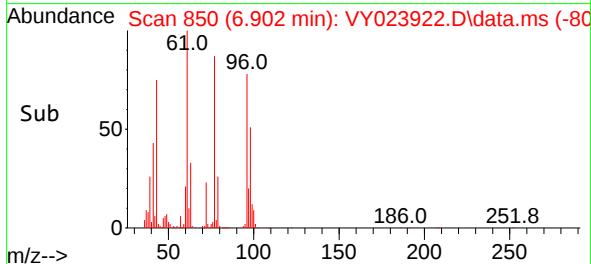
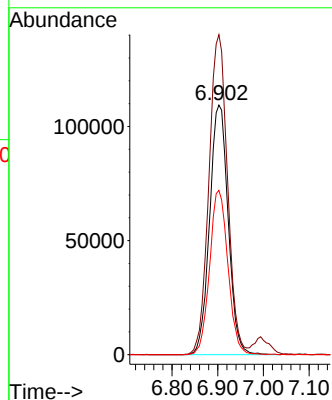
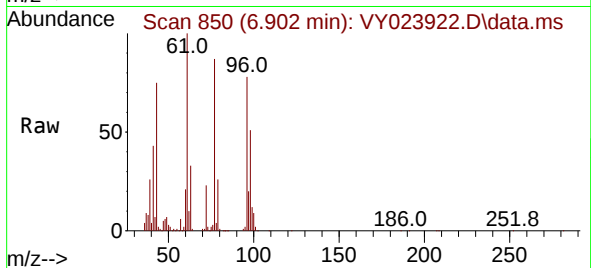
Tgt Ion: 96 Resp: 308623

Ion Ratio Lower Upper

96 100

61 128.4 0.0 292.8

98 64.9 0.0 128.4



#28

Bromochloromethane

Concen: 46.879 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

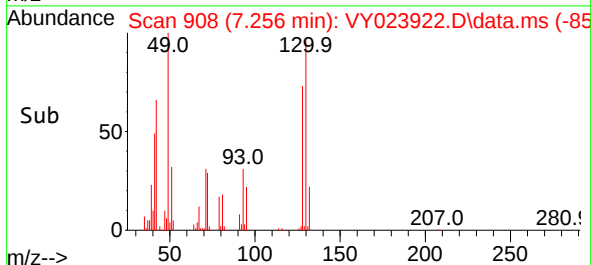
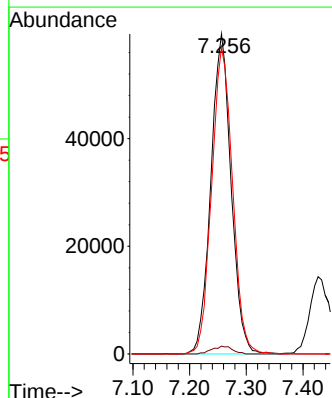
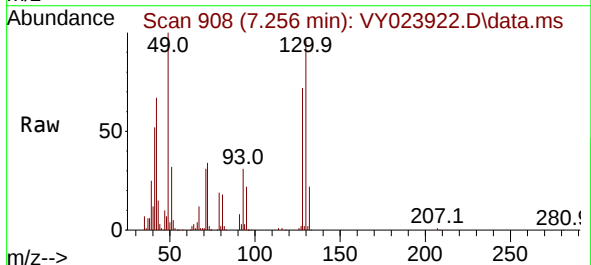
Tgt Ion: 49 Resp: 147465

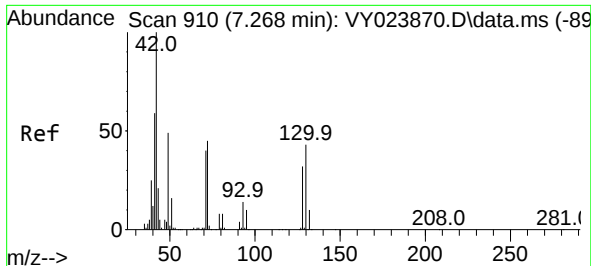
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 98.6 61.0 91.6#





#29

Tetrahydrofuran

Concen: 217.123 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

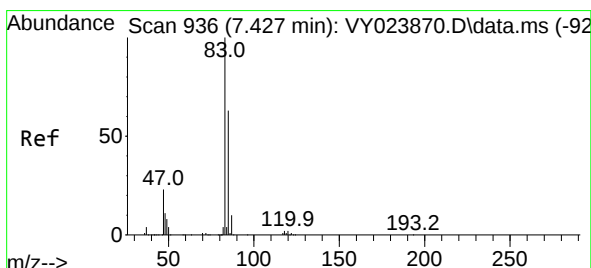
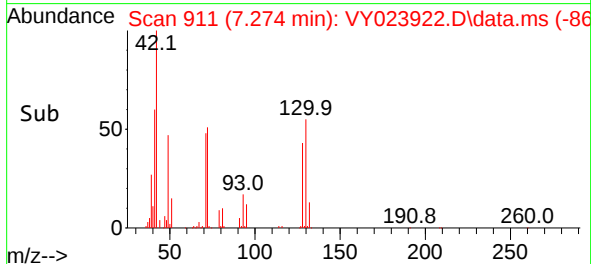
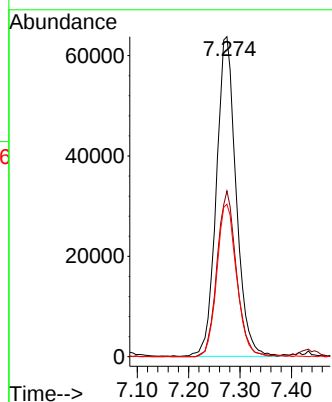
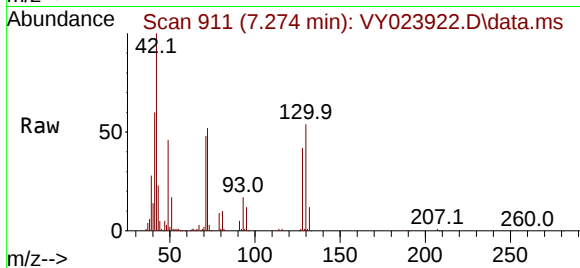
Tgt Ion: 42 Resp: 170486

Ion Ratio Lower Upper

42 100

72 50.8 35.6 53.4

71 47.8 32.5 48.7



#30

Chloroform

Concen: 56.489 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023922.D

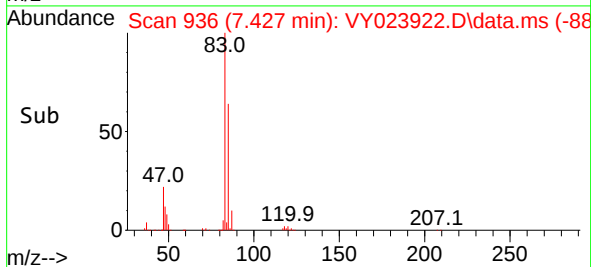
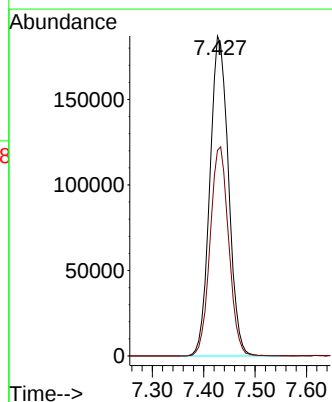
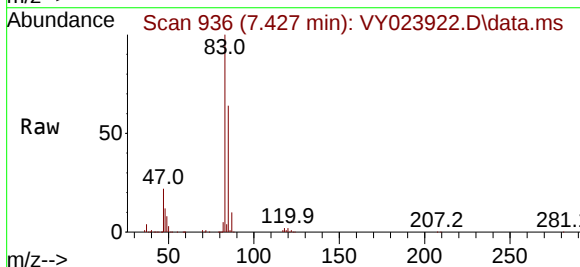
Acq: 09 Dec 2025 20:33

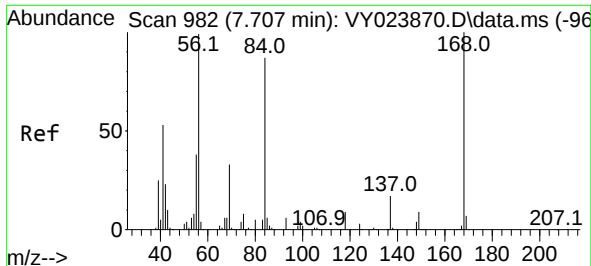
Tgt Ion: 83 Resp: 469943

Ion Ratio Lower Upper

83 100

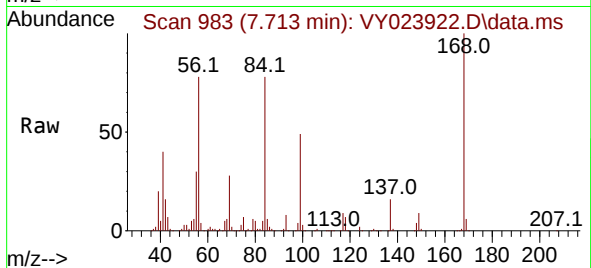
85 64.2 50.6 76.0



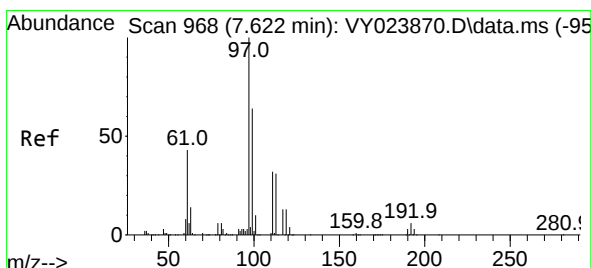
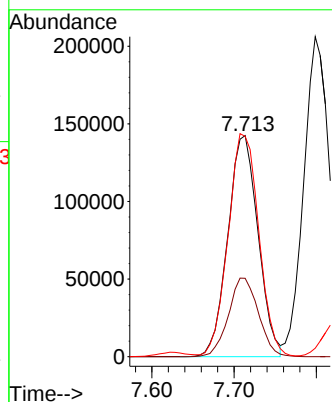
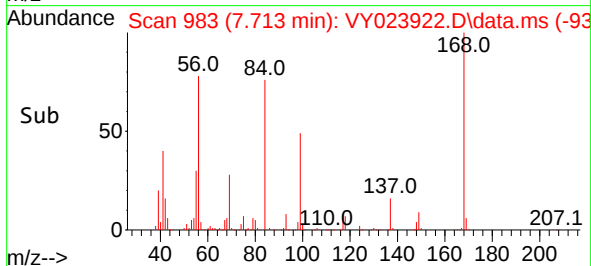


#31
Cyclohexane
Concen: 46.330 ug/l
RT: 7.713 min Scan# 913
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

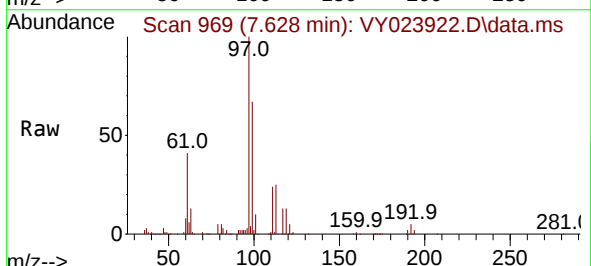
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



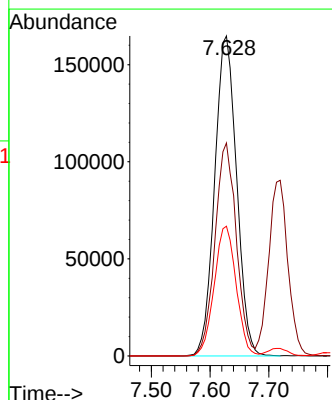
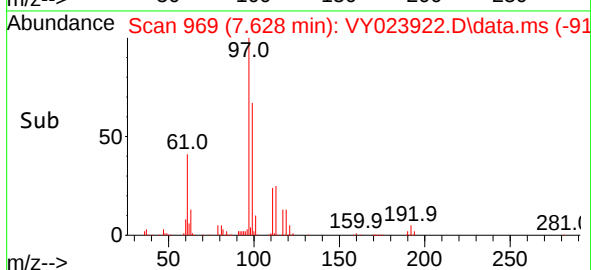
Tgt Ion: 56 Resp: 364685
Ion Ratio Lower Upper
56 100
69 35.5 26.8 40.2
84 98.0 70.4 105.6

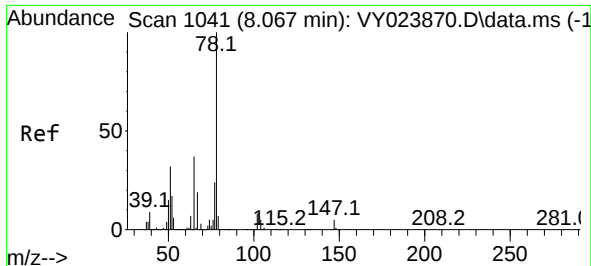


#32
1,1,1-Trichloroethane
Concen: 56.976 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33



Tgt Ion: 97 Resp: 427875
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 40.5 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 34.213 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

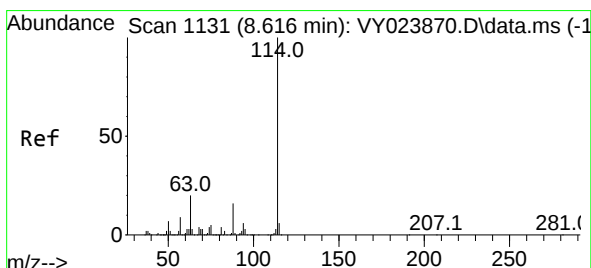
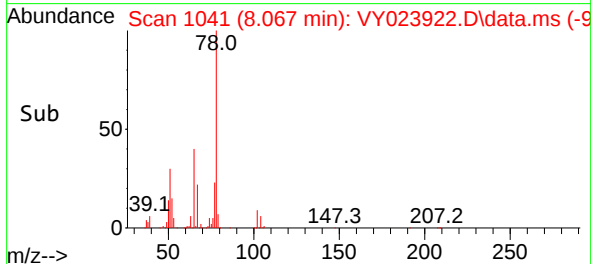
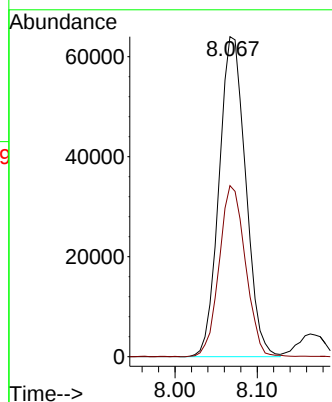
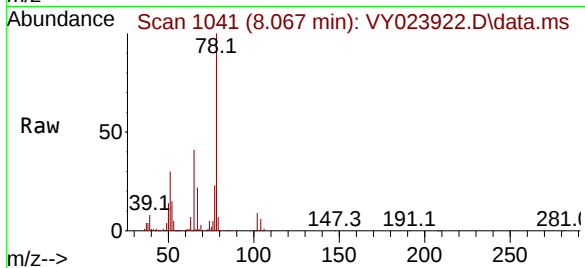
VSTDCCC050EC

Tgt Ion: 65 Resp: 143800

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

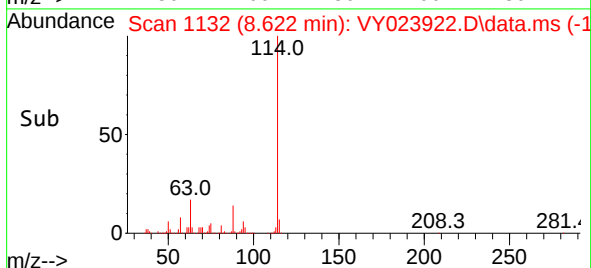
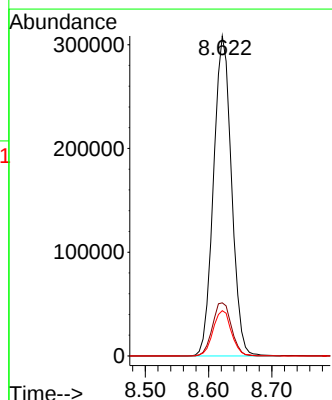
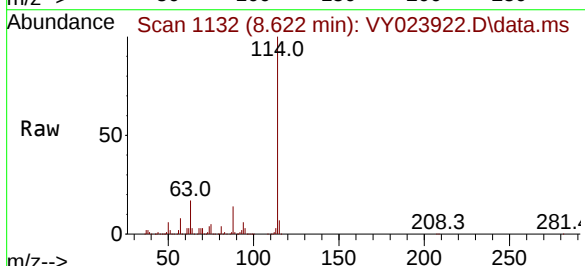
Tgt Ion: 114 Resp: 607941

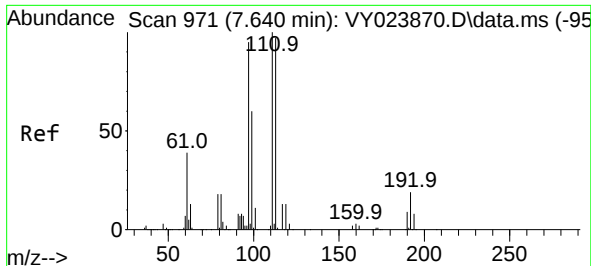
Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.2

88 14.1 0.0 31.4

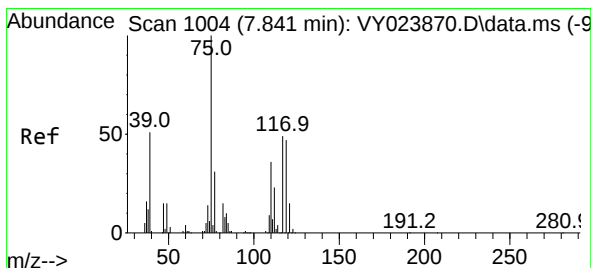
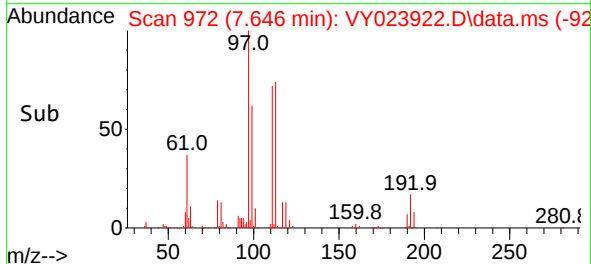
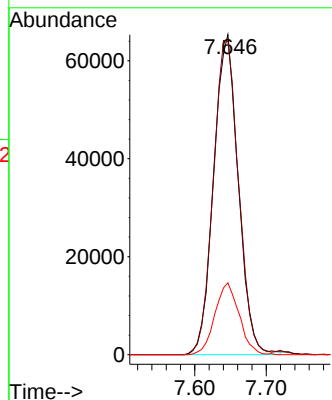
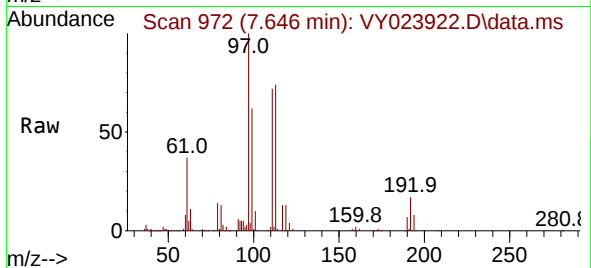




#35
Dibromofluoromethane
Concen: 40.052 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

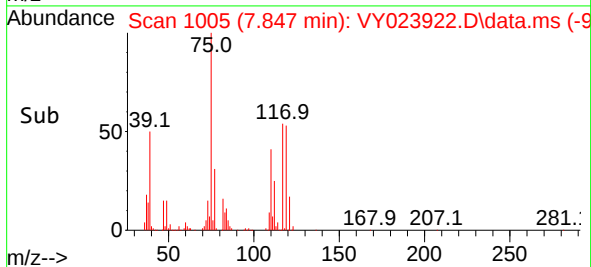
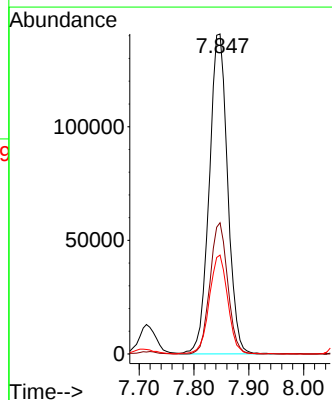
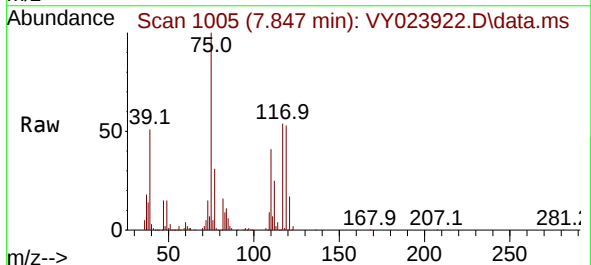
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

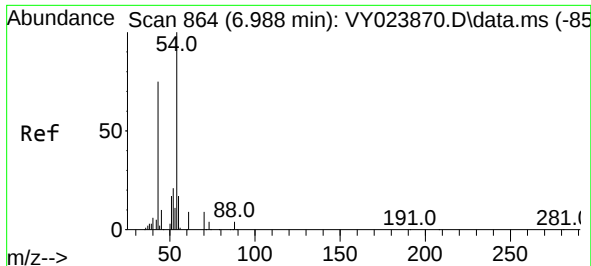
Tgt Ion:113 Resp: 156170
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.2
192 22.1 15.8 23.8



#36
1,1-Dichloropropene
Concen: 56.991 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 75 Resp: 327668
Ion Ratio Lower Upper
75 100
110 39.6 17.6 52.9
77 31.1 24.6 37.0

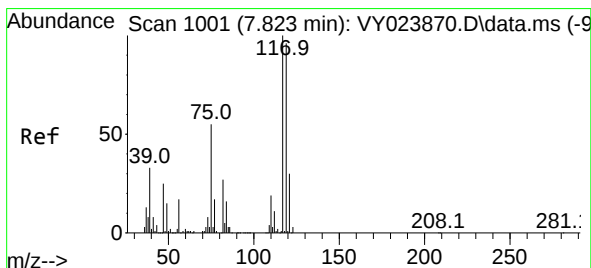
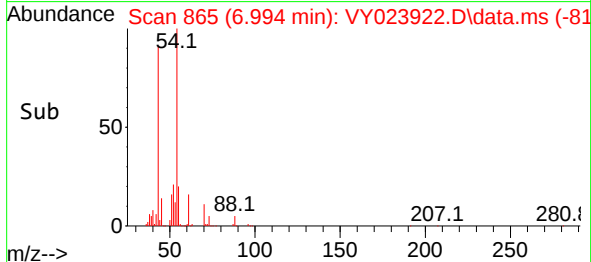
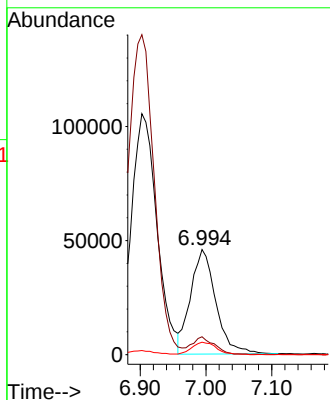
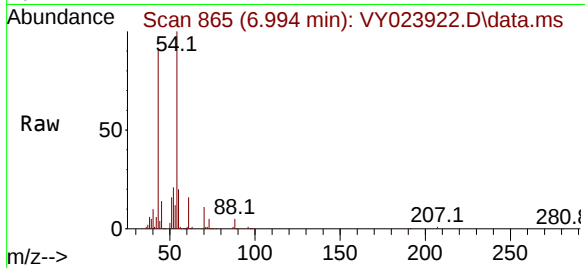




#37
Ethyl Acetate
Concen: 45.964 ug/l
RT: 6.994 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

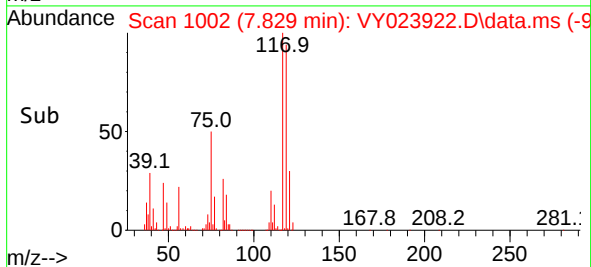
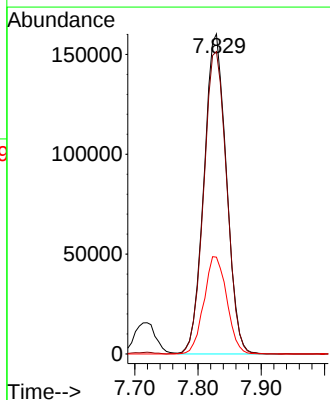
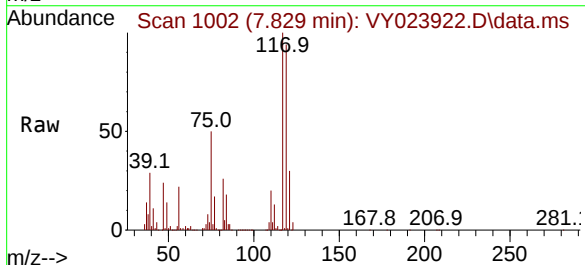
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

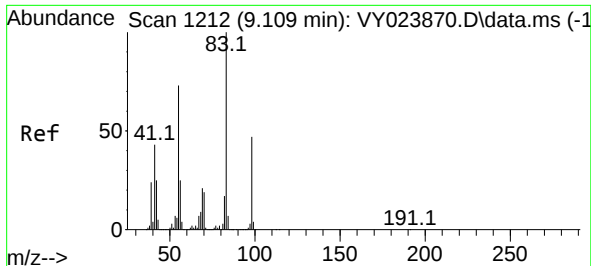
Tgt Ion: 43 Resp: 122032
Ion Ratio Lower Upper
43 100
61 15.6 11.0 16.4
70 11.6 8.1 12.1



#38
Carbon Tetrachloride
Concen: 62.230 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 117 Resp: 394881
Ion Ratio Lower Upper
117 100
119 94.5 77.0 115.6
121 30.3 23.9 35.9





#39

Methylcyclohexane

Concen: 58.714 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

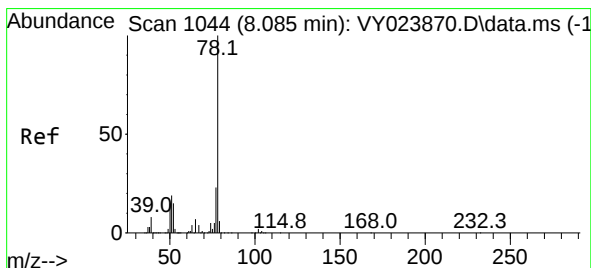
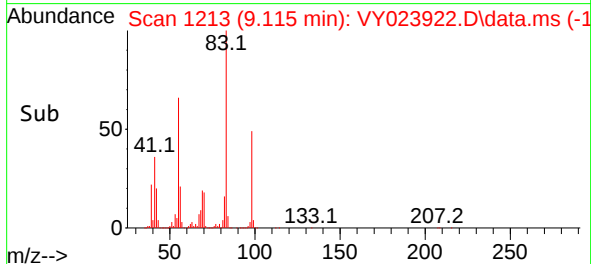
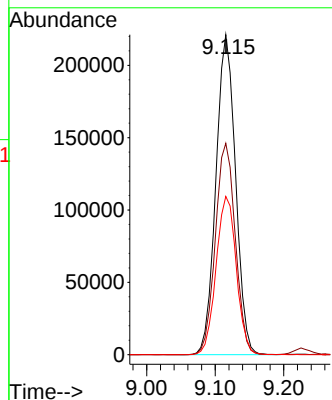
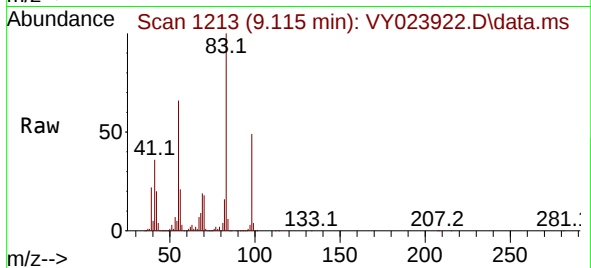
Tgt Ion: 83 Resp: 439412

Ion Ratio Lower Upper

83 100

55 66.0 58.8 88.2

98 49.5 37.8 56.6



#40

Benzene

Concen: 59.021 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY023922.D

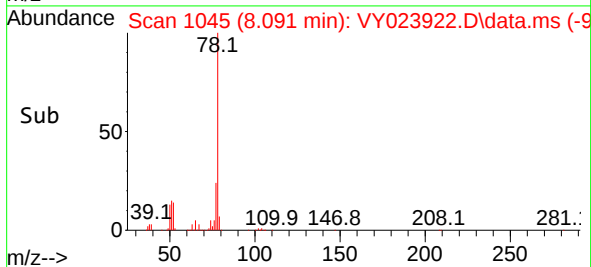
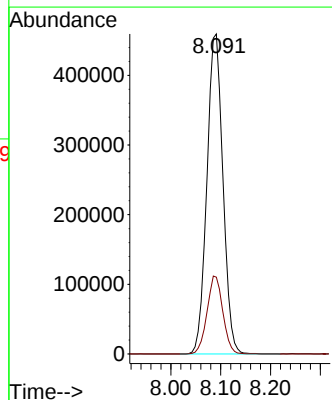
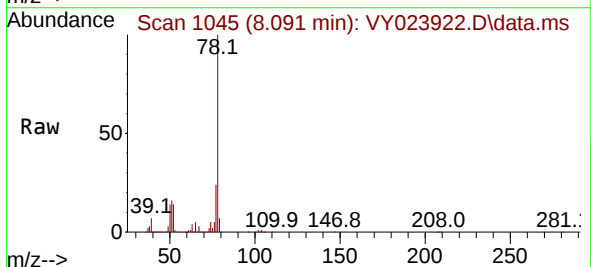
Acq: 09 Dec 2025 20:33

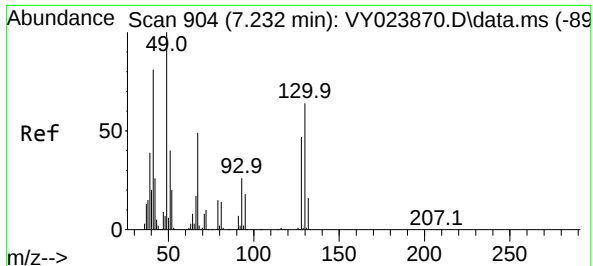
Tgt Ion: 78 Resp: 1025699

Ion Ratio Lower Upper

78 100

77 24.0 18.6 28.0

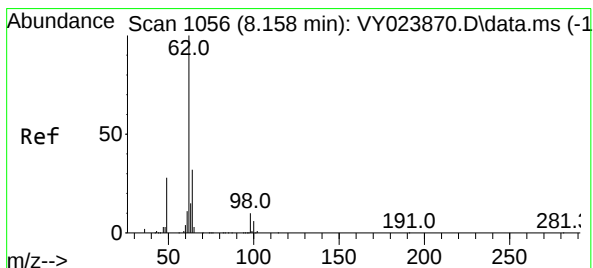
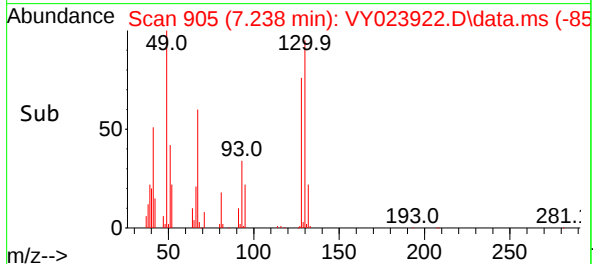
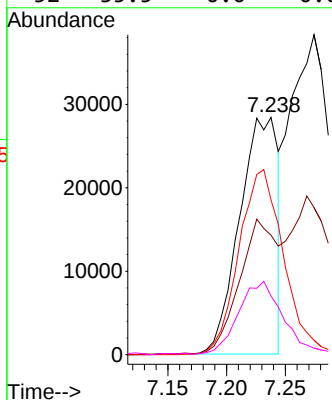
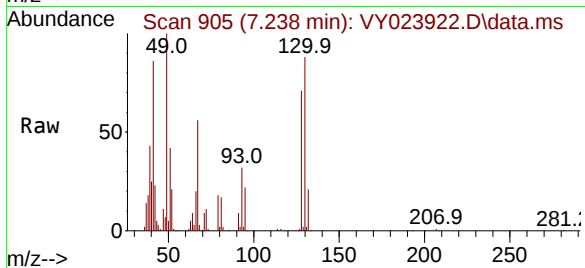




#41
Methacrylonitrile
Concen: 47.399 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

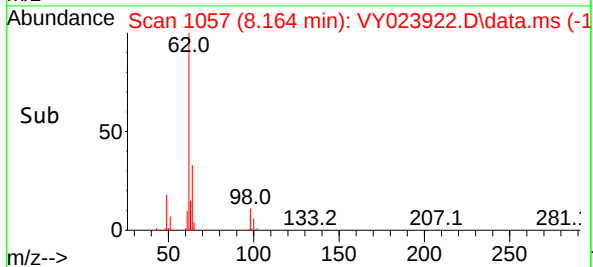
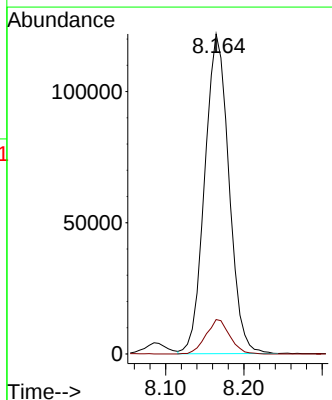
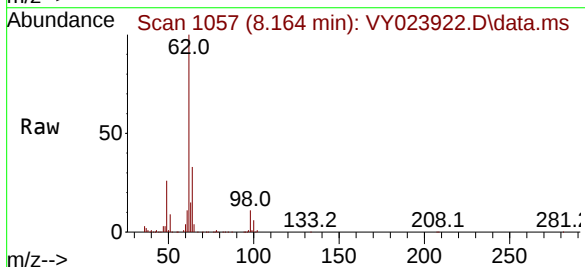
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

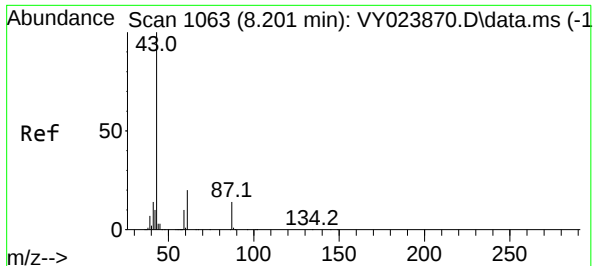
Tgt Ion:	41	Resp:	64868
Ion	Ratio	Lower	Upper
41	100		
39	55.4	49.4	74.2
67	91.1	0.0	0.0#
52	35.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 57.639 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion:	62	Resp:	261385
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.2





#43

Isopropyl Acetate

Concen: 48.088 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

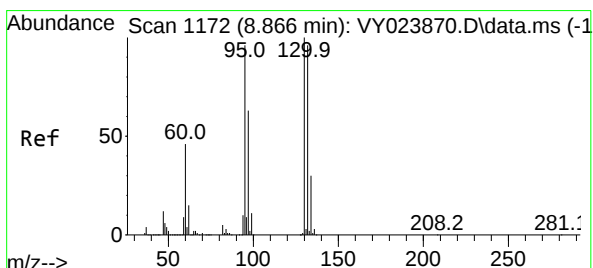
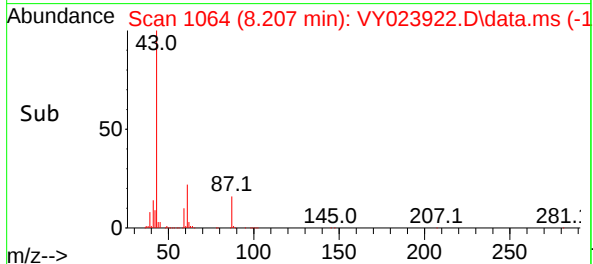
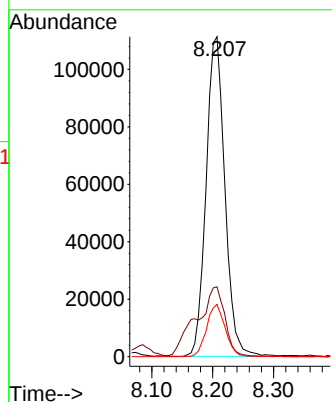
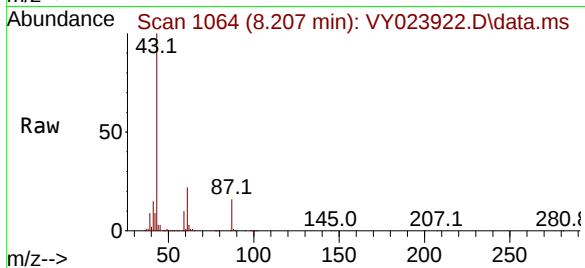
Tgt Ion: 43 Resp: 238871

Ion Ratio Lower Upper

43 100

61 33.5 24.2 36.4

87 16.2 11.0 16.4



#44

Trichloroethene

Concen: 66.597 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY023922.D

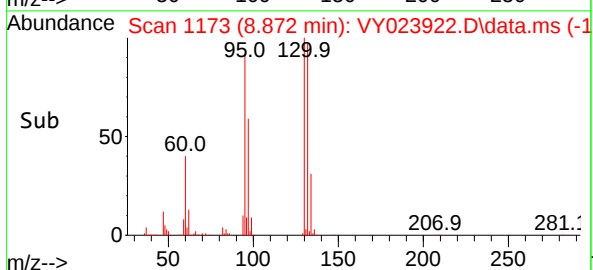
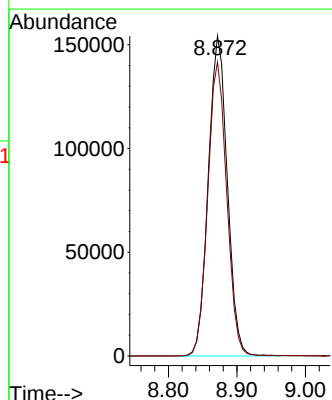
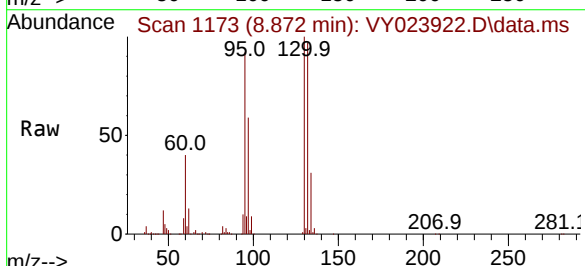
Acq: 09 Dec 2025 20:33

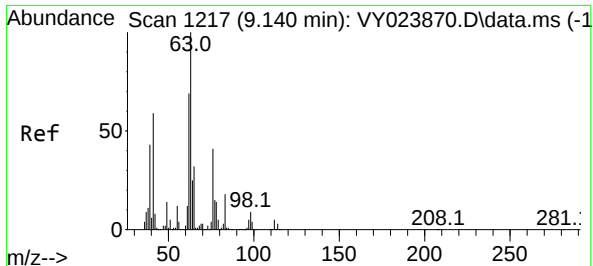
Tgt Ion:130 Resp: 297793

Ion Ratio Lower Upper

130 100

95 91.8 0.0 192.4





#45

1,2-Dichloropropane

Concen: 54.997 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

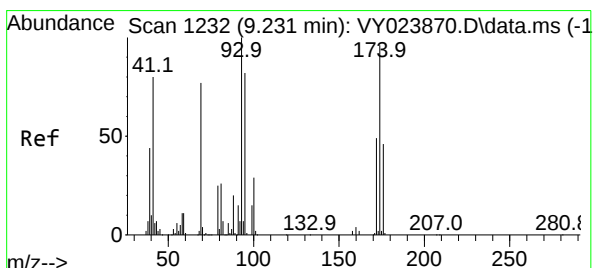
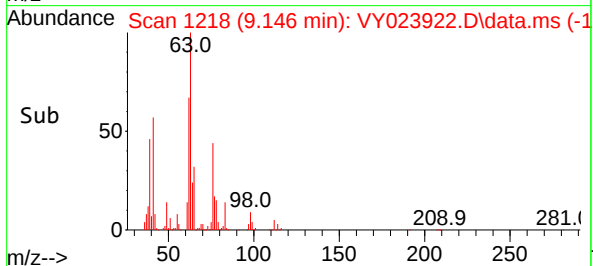
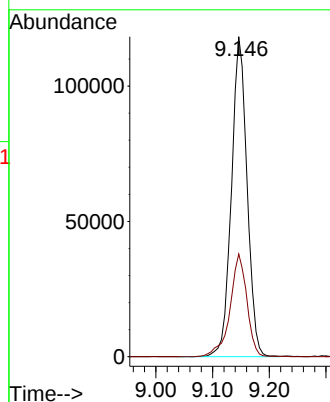
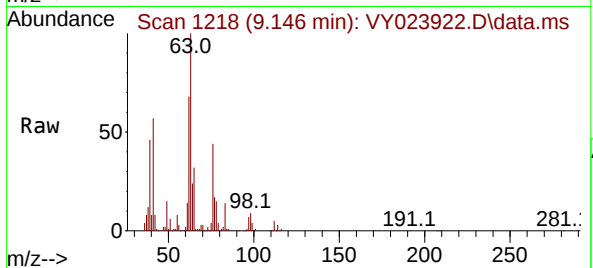
VSTDCCC050EC

Tgt Ion: 63 Resp: 226301

Ion Ratio Lower Upper

63 100

65 32.1 25.6 38.4



#46

Dibromomethane

Concen: 60.594 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

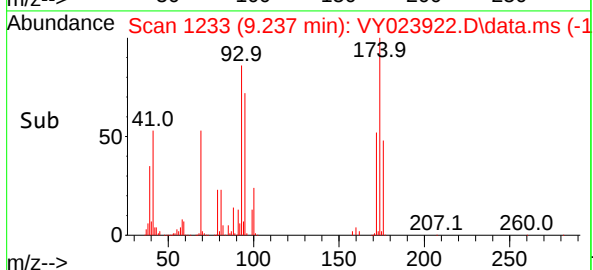
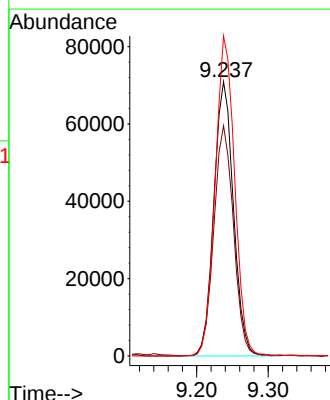
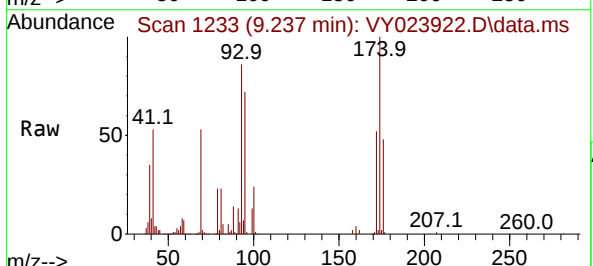
Tgt Ion: 93 Resp: 134985

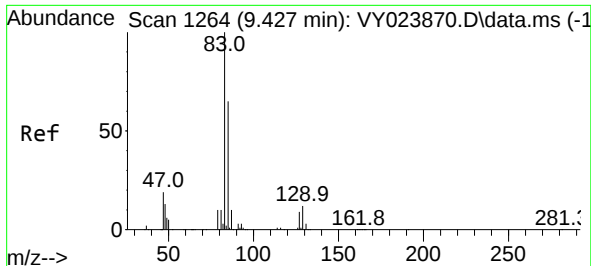
Ion Ratio Lower Upper

93 100

95 84.4 66.4 99.6

174 116.2 81.4 122.0

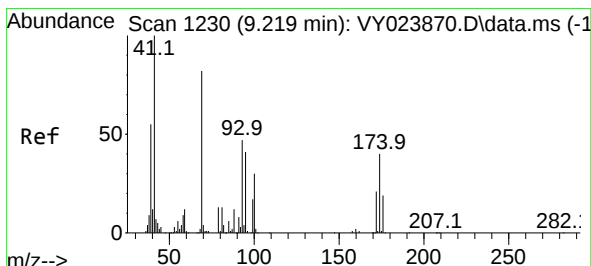
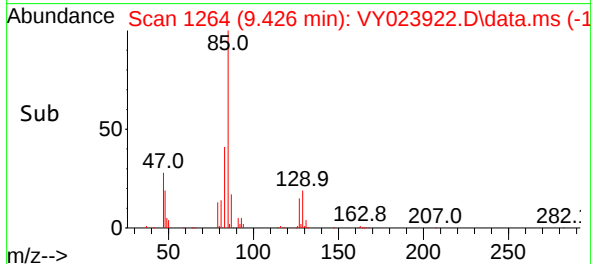
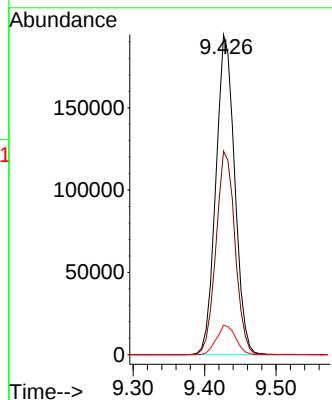
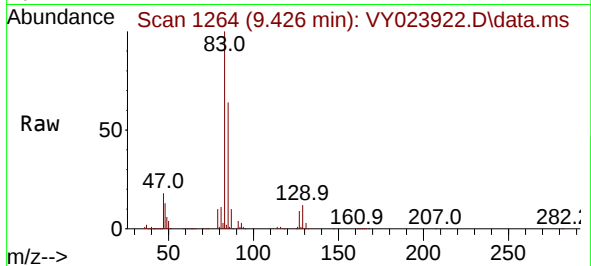




#47
Bromodichloromethane
Concen: 60.427 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

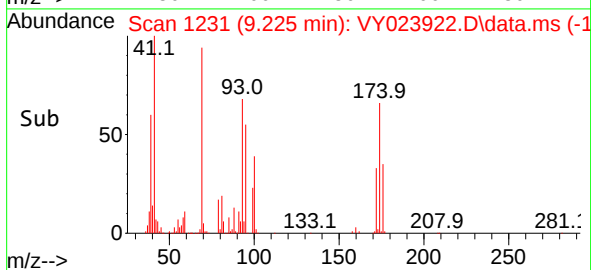
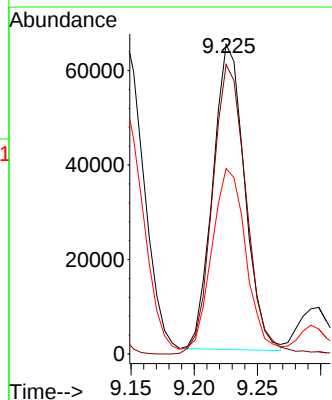
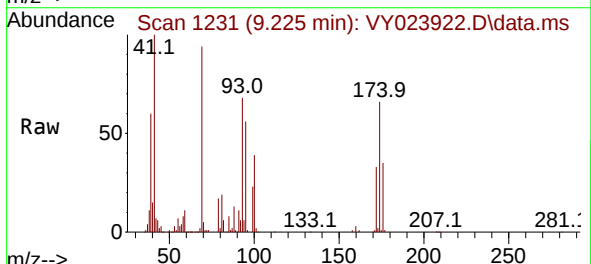
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

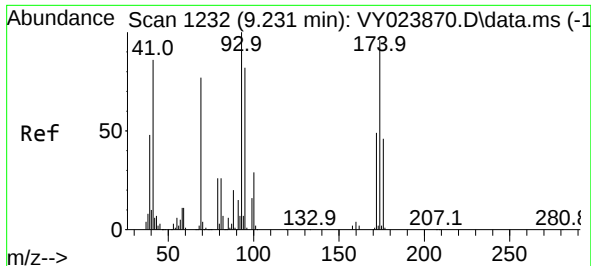
Tgt Ion: 83 Resp: 355149
Ion Ratio Lower Upper
83 100
85 63.6 51.6 77.4
127 9.2 7.2 10.8



#48
Methyl methacrylate
Concen: 48.767 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 41 Resp: 113170
Ion Ratio Lower Upper
41 100
69 100.5 67.7 101.5
39 62.5 43.4 65.0





#49

1,4-Dioxane

Concen: 1141.337 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

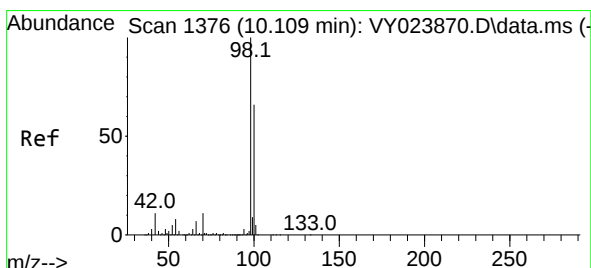
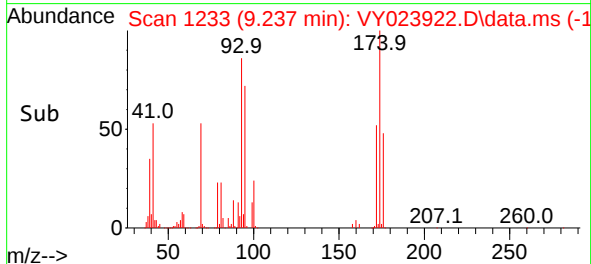
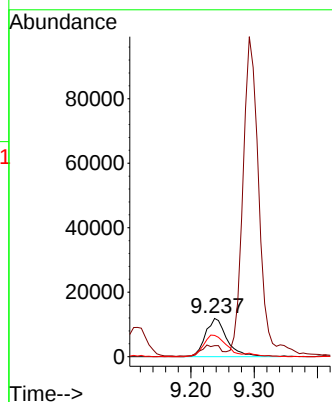
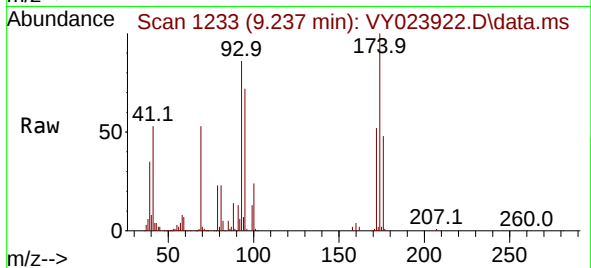
Tgt Ion: 88 Resp: 28271

Ion Ratio Lower Upper

88 100

43 26.7 26.8 40.2#

58 59.0 52.4 78.6



#50

Toluene-d8

Concen: 38.304 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY023922.D

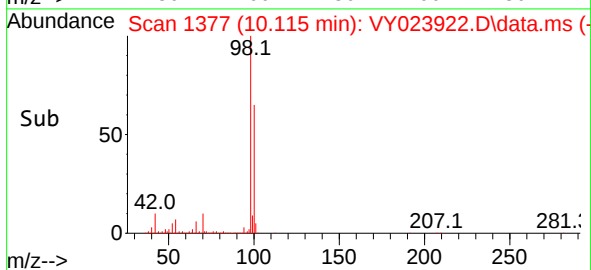
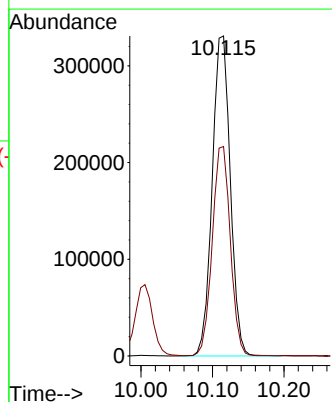
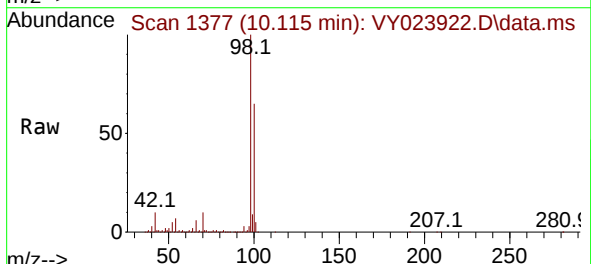
Acq: 09 Dec 2025 20:33

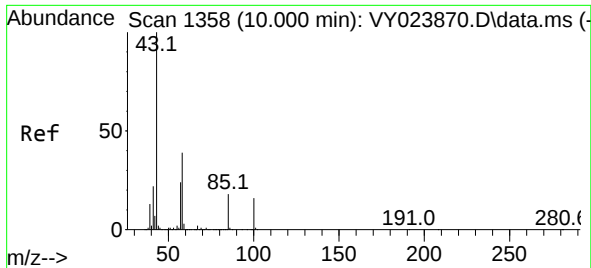
Tgt Ion: 98 Resp: 581194

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

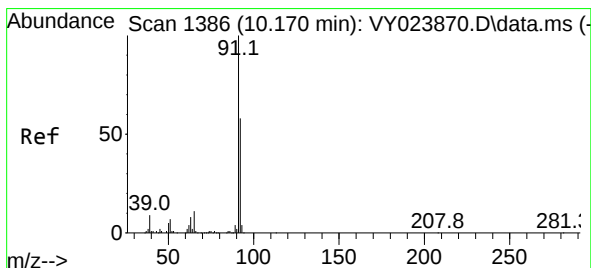
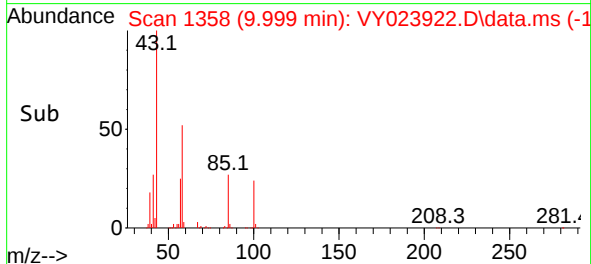
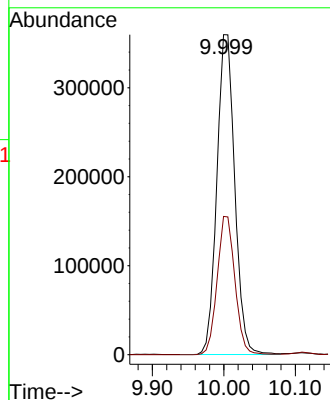
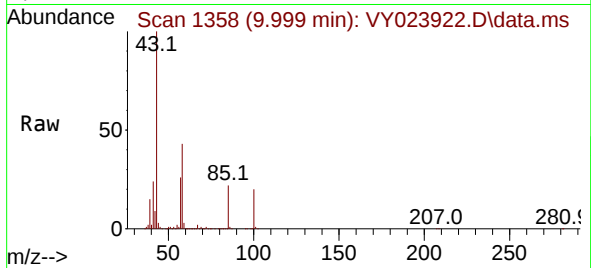




#51
4-Methyl-2-Pentanone
Concen: 239.561 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

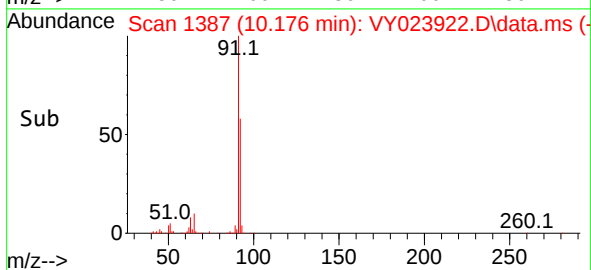
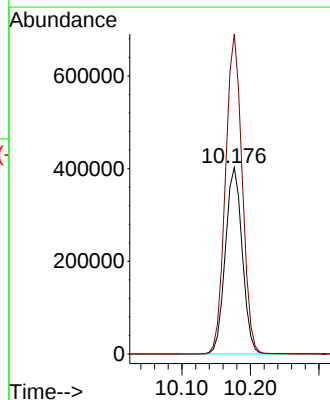
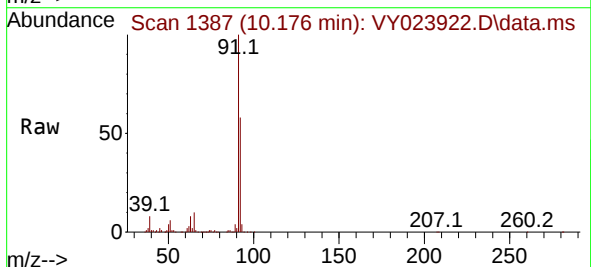
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

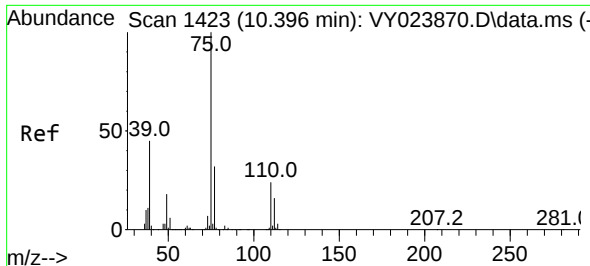
Tgt Ion: 43 Resp: 625741
Ion Ratio Lower Upper
43 100
58 42.9 31.8 47.8



#52
Toluene
Concen: 62.955 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 92 Resp: 685127
Ion Ratio Lower Upper
92 100
91 169.9 137.3 205.9

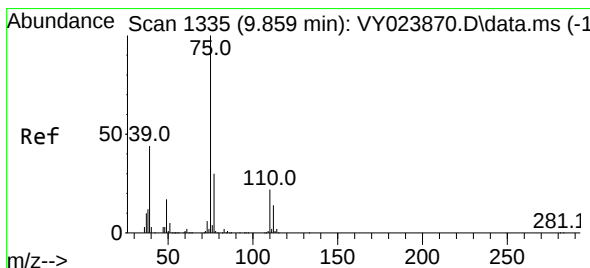
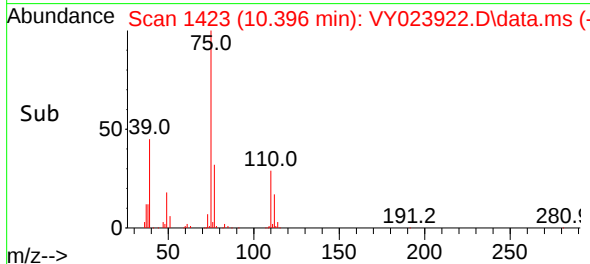
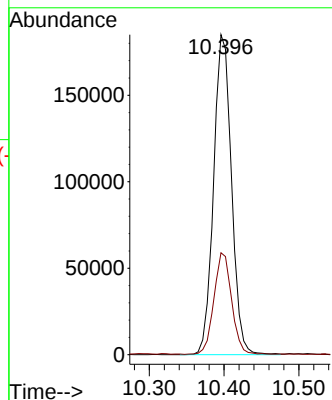
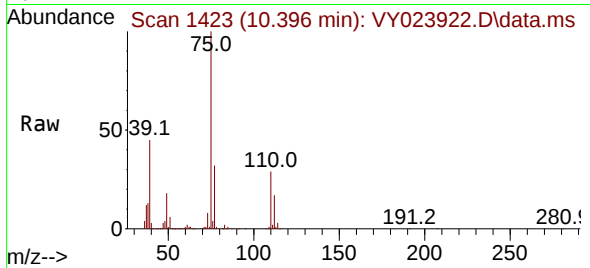




#53
t-1,3-Dichloropropene
Concen: 57.928 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

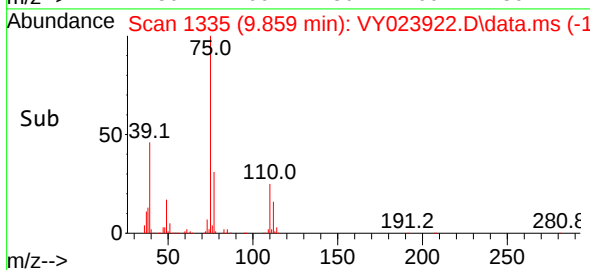
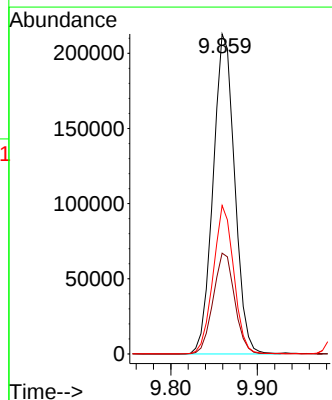
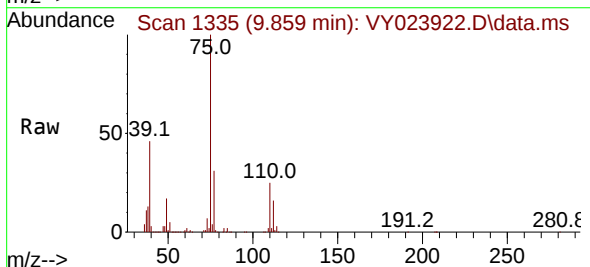
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

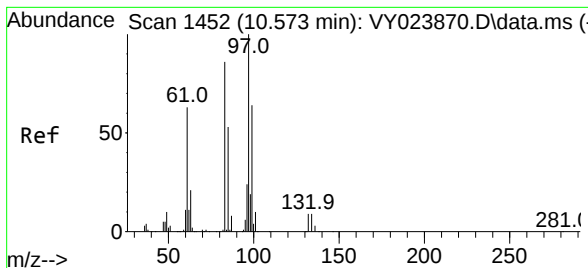
Tgt Ion: 75 Resp: 307279
Ion Ratio Lower Upper
75 100
77 31.6 26.0 39.0



#54
cis-1,3-Dichloropropene
Concen: 58.972 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 75 Resp: 368368
Ion Ratio Lower Upper
75 100
77 31.5 23.8 35.6
39 46.4 35.5 53.3



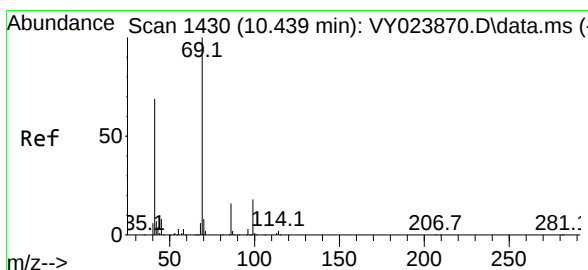
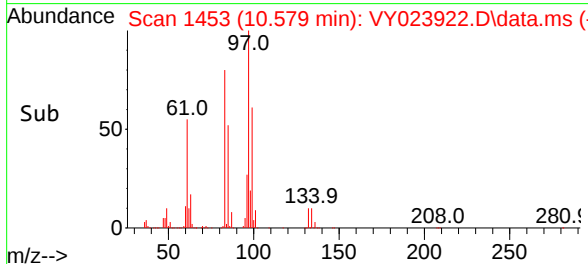
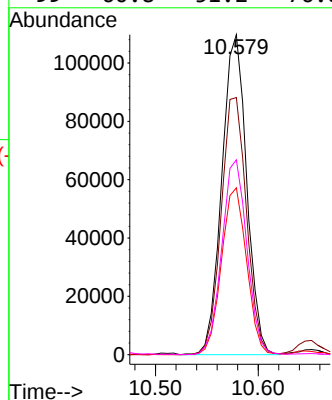
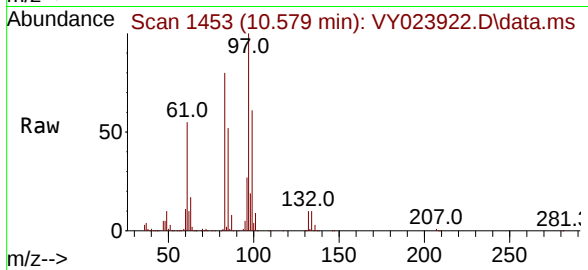


#55
1,1,2-Trichloroethane
Concen: 61.274 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 184259

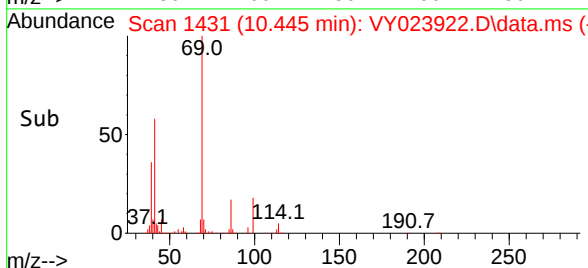
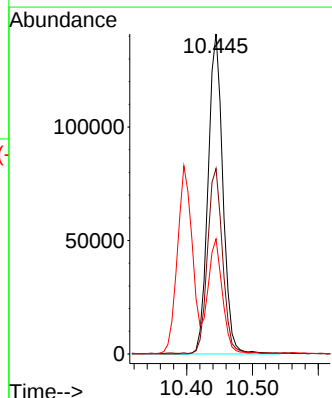
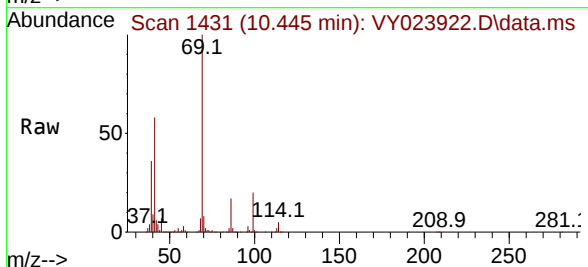
Ion	Ratio	Lower	Upper
97	100		
83	80.4	69.0	103.4
85	52.2	42.6	63.8
99	60.8	51.2	76.8

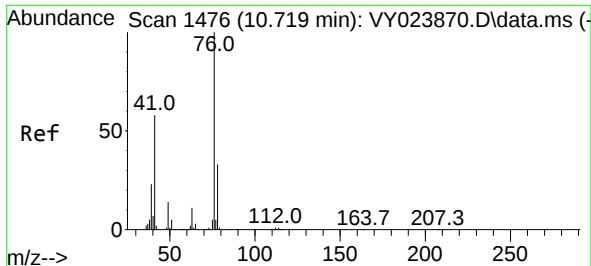


#56
Ethyl methacrylate
Concen: 50.367 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 69 Resp: 221262

Ion	Ratio	Lower	Upper
69	100		
41	58.5	52.5	78.7
39	34.9	27.1	40.7





#57

1,3-Dichloropropane

Concen: 58.120 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

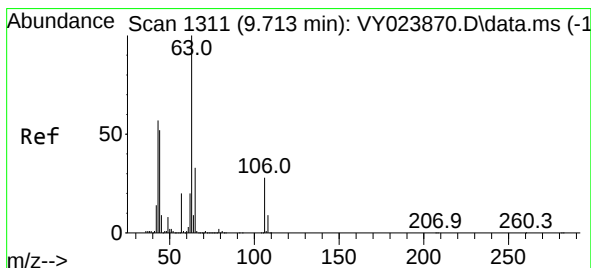
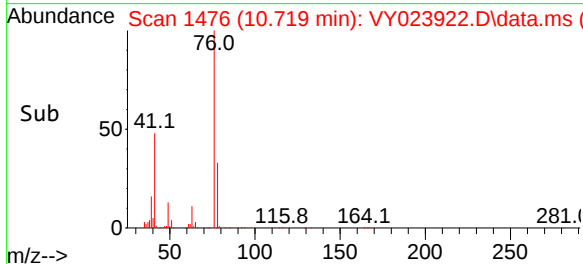
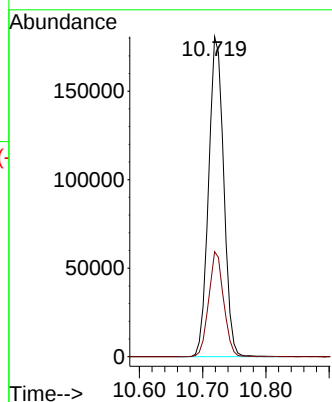
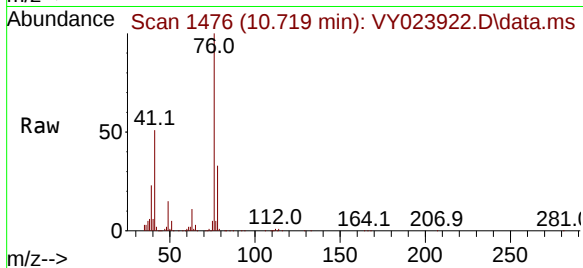
VSTDCCC050EC

Tgt Ion: 76 Resp: 301032

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 254.584 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023922.D

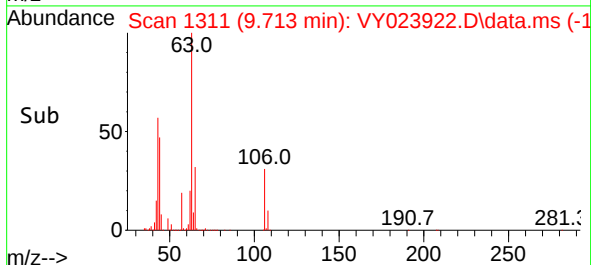
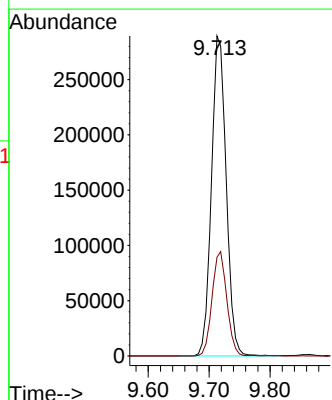
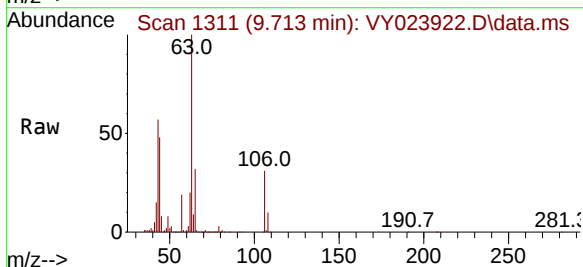
Acq: 09 Dec 2025 20:33

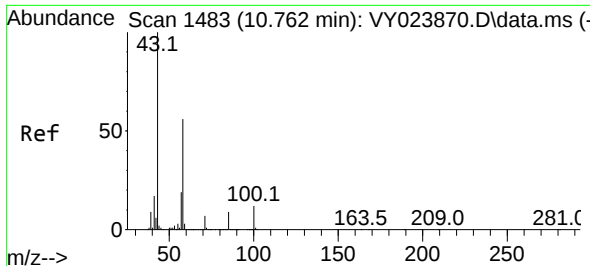
Tgt Ion: 63 Resp: 486548

Ion Ratio Lower Upper

63 100

106 32.7 22.5 33.7

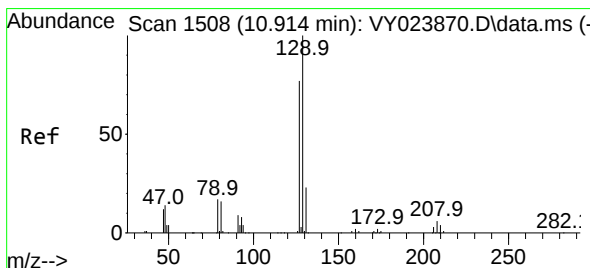
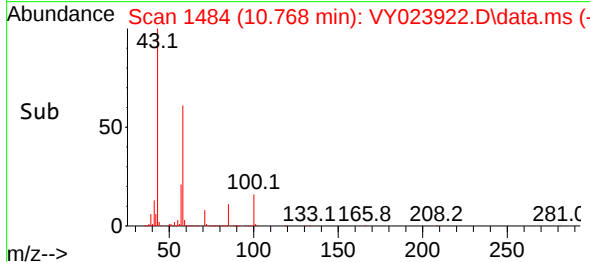
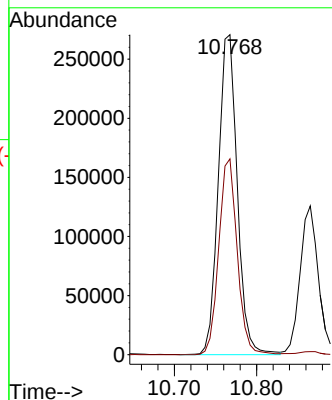
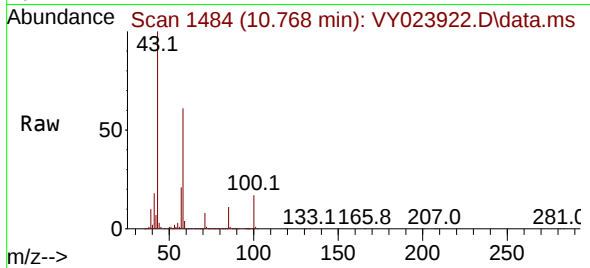




#59
2-Hexanone
Concen: 220.280 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

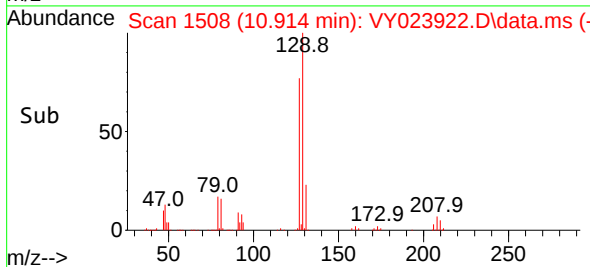
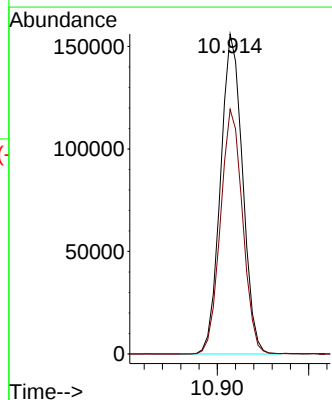
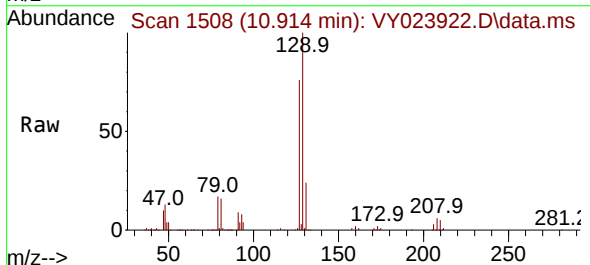
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

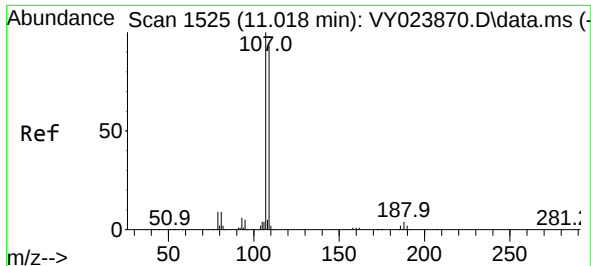
Tgt Ion: 43 Resp: 433950
Ion Ratio Lower Upper
43 100
58 59.6 27.7 83.1



#60
Dibromochloromethane
Concen: 64.897 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 129 Resp: 261682
Ion Ratio Lower Upper
129 100
127 76.8 38.0 114.0

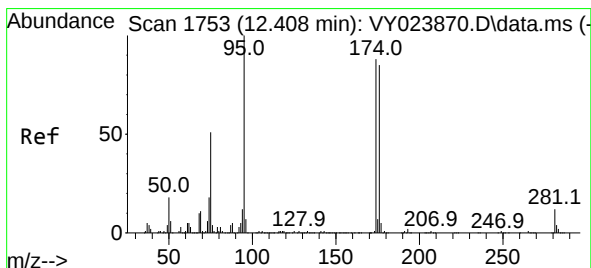
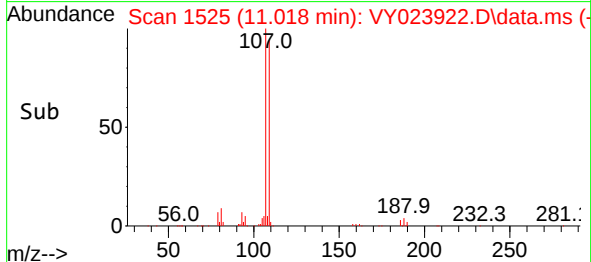
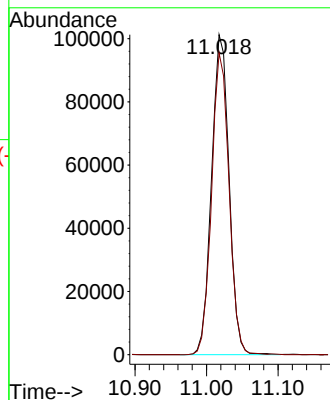
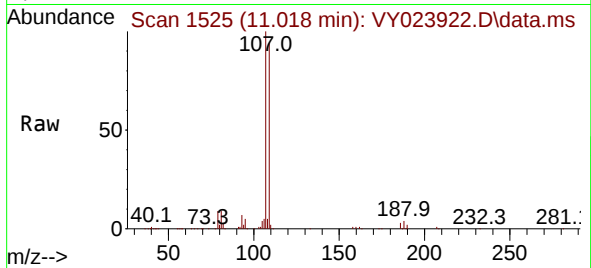




#61
1,2-Dibromoethane
Concen: 62.816 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

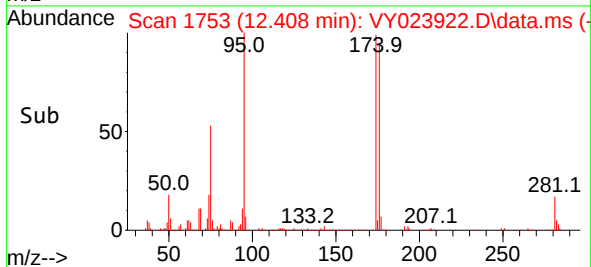
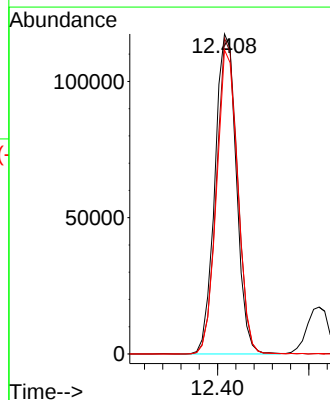
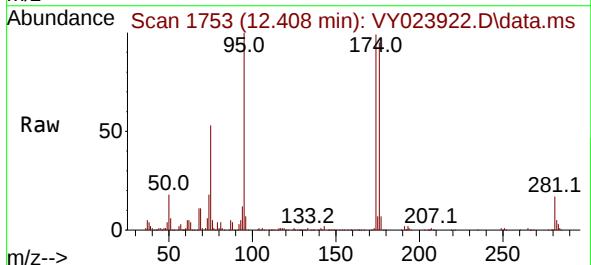
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

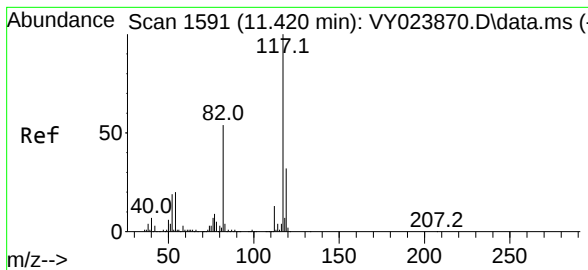
Tgt Ion:107 Resp: 172151
Ion Ratio Lower Upper
107 100
109 93.9 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 37.000 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 95 Resp: 191487
Ion Ratio Lower Upper
95 100
174 96.9 0.0 169.6
176 93.5 0.0 164.4

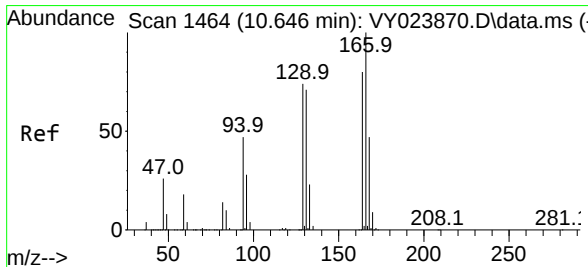
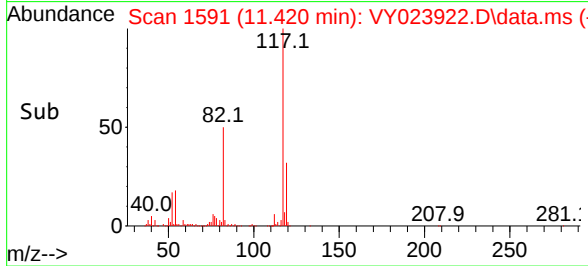
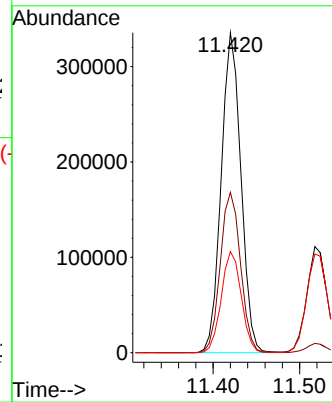
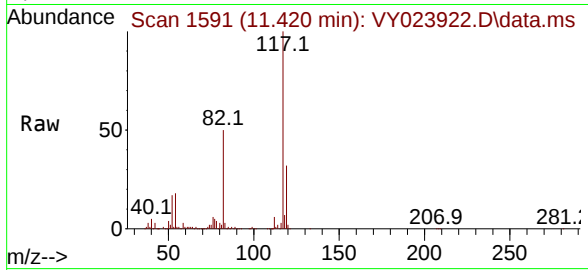




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

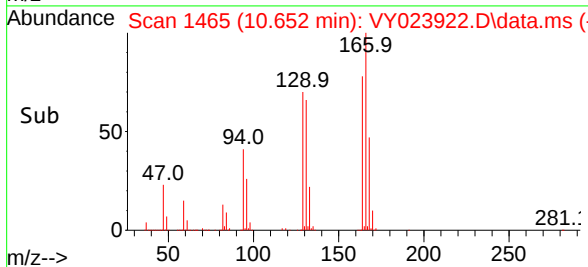
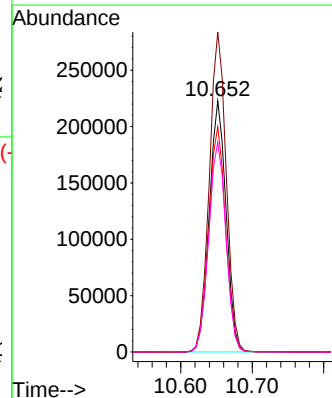
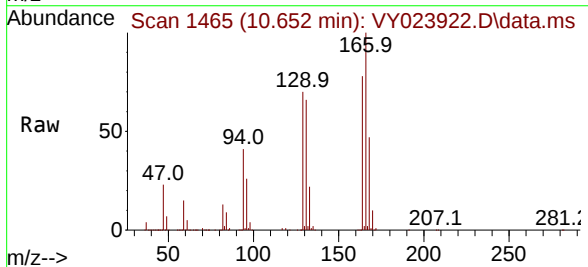
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

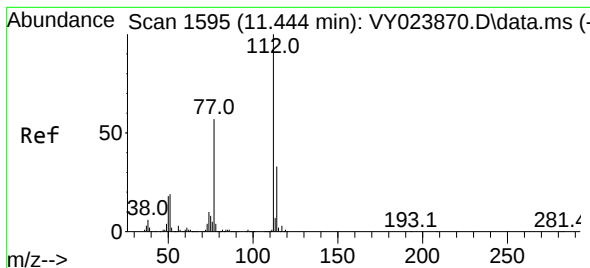
Tgt Ion:117 Resp: 530849
Ion Ratio Lower Upper
117 100
82 50.1 43.1 64.7
119 31.6 26.0 39.0



#64
Tetrachloroethene
Concen: 70.212 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion:164 Resp: 364742
Ion Ratio Lower Upper
164 100
166 127.4 100.2 150.4
129 89.7 74.4 111.6
131 83.5 71.1 106.7

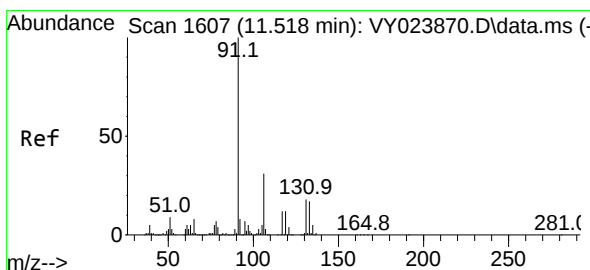
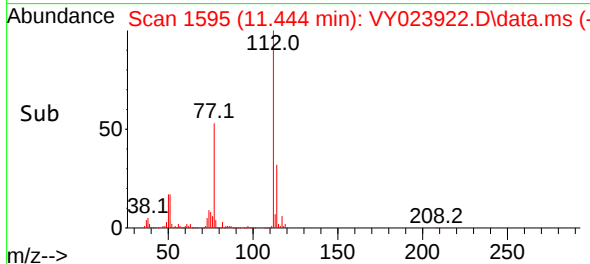
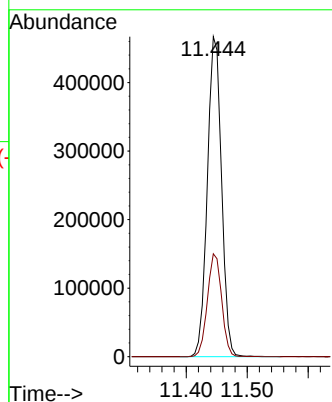
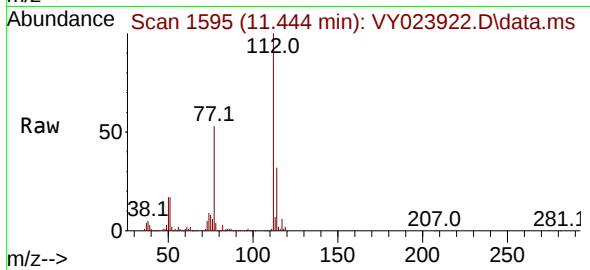




#65
Chlorobenzene
Concen: 62.274 ug/l
RT: 11.444 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

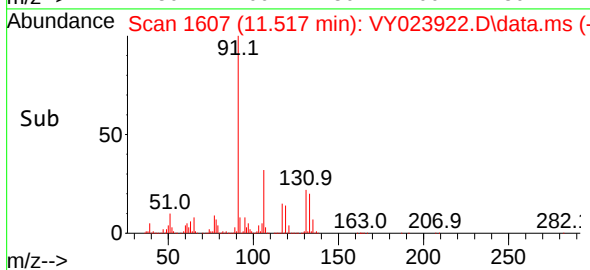
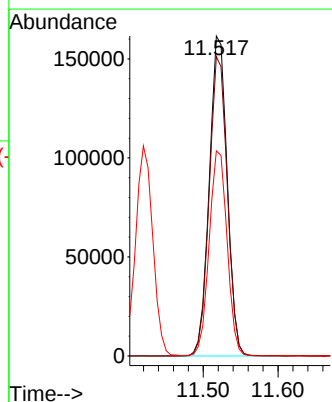
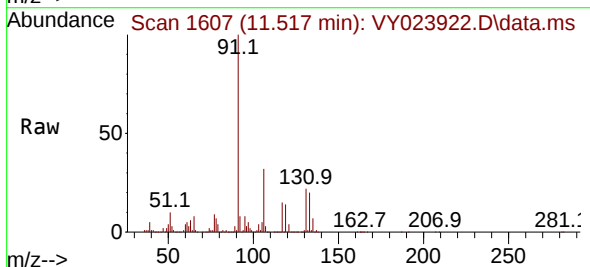
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

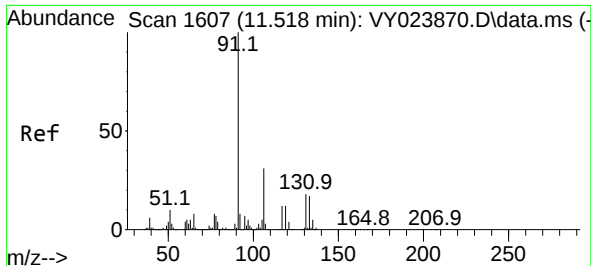
Tgt Ion:112 Resp: 754537
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 64.932 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion:131 Resp: 268429
Ion Ratio Lower Upper
131 100
133 94.5 47.7 143.1
119 64.3 32.5 97.4





#67

Ethyl Benzene

Concen: 61.026 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

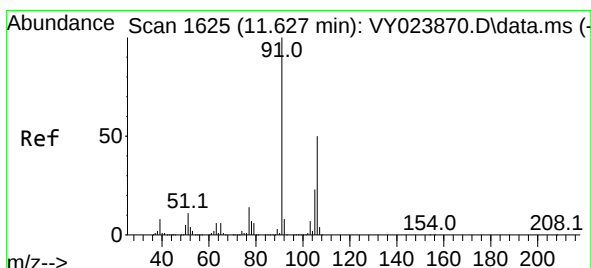
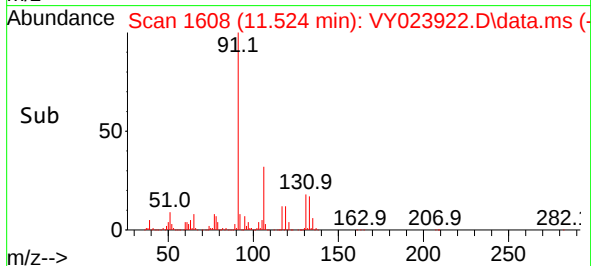
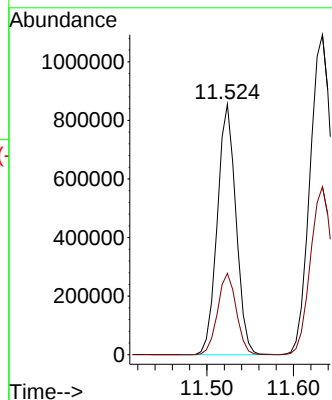
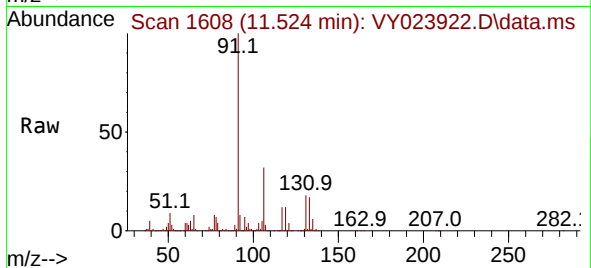
VSTDCCC050EC

Tgt Ion: 91 Resp: 1278296

Ion Ratio Lower Upper

91 100

106 32.5 25.0 37.6



#68

m/p-Xylenes

Concen: 127.688 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023922.D

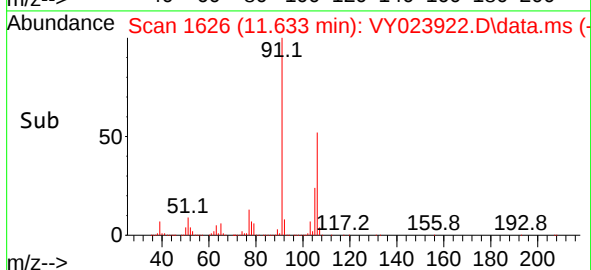
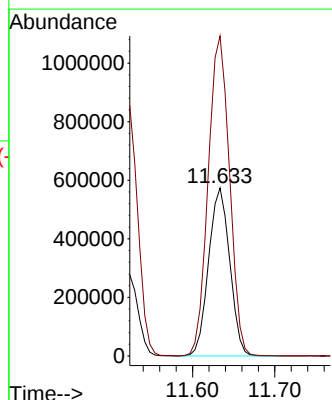
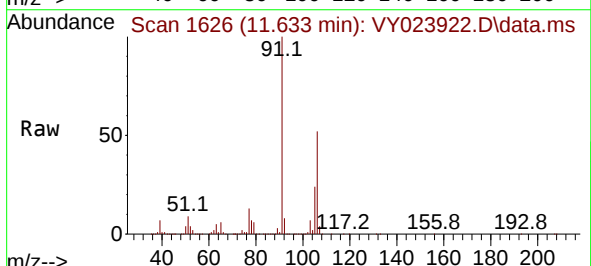
Acq: 09 Dec 2025 20:33

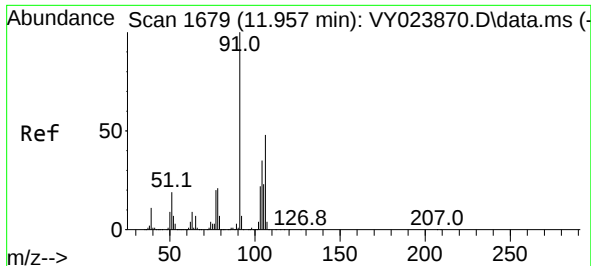
Tgt Ion:106 Resp: 1022303

Ion Ratio Lower Upper

106 100

91 192.5 159.7 239.5

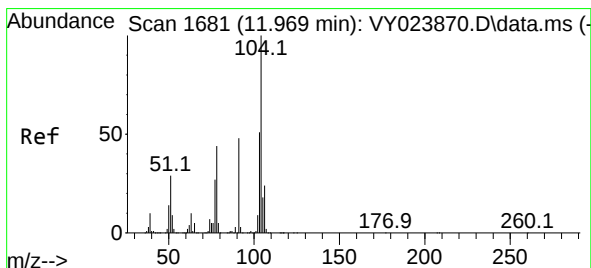
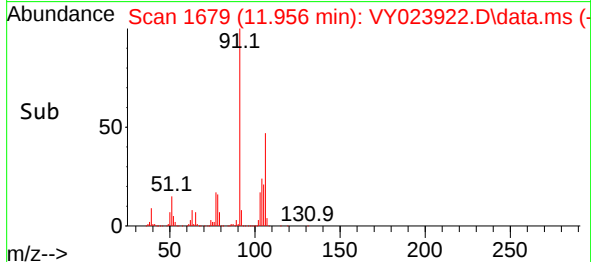
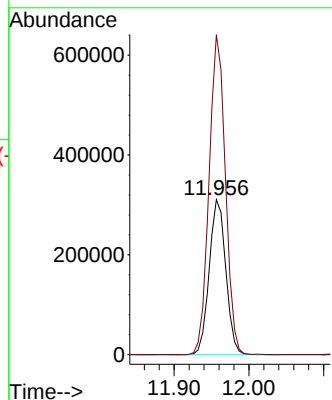
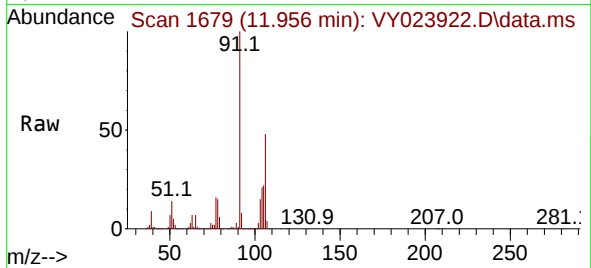




#69
o-Xylene
Concen: 63.950 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

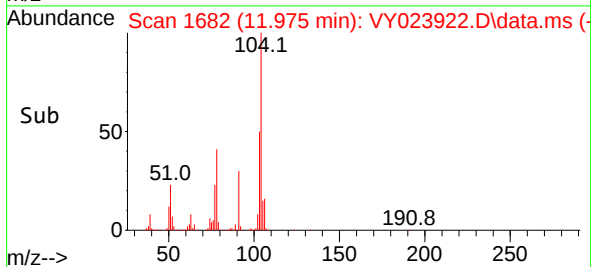
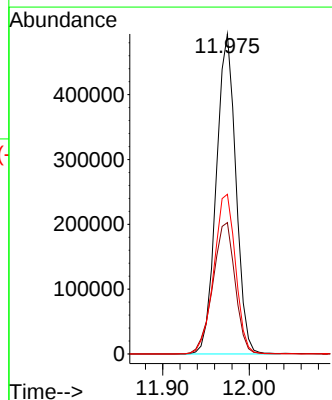
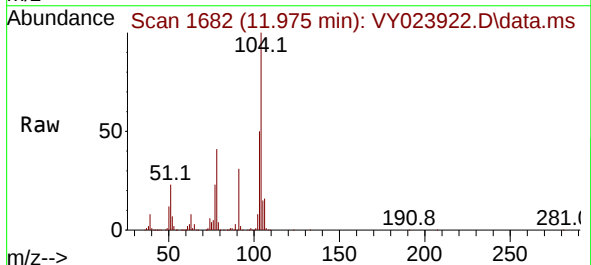
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

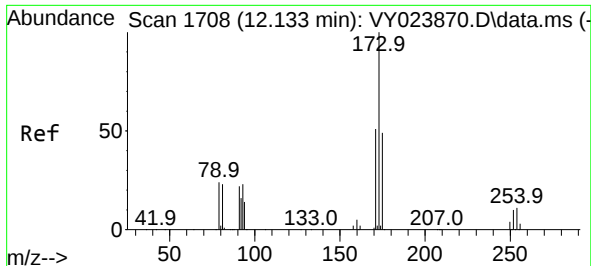
Tgt Ion:106 Resp: 478885
Ion Ratio Lower Upper
106 100
91 203.7 104.4 313.1



#70
Styrene
Concen: 62.831 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion:104 Resp: 775602
Ion Ratio Lower Upper
104 100
78 46.7 38.8 58.2
103 55.2 43.9 65.9

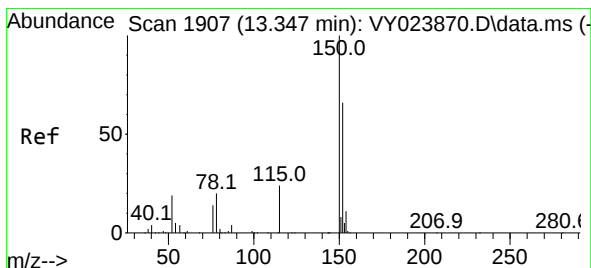
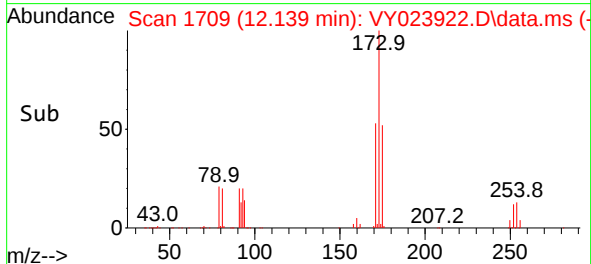
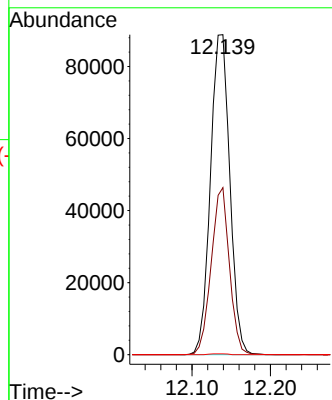
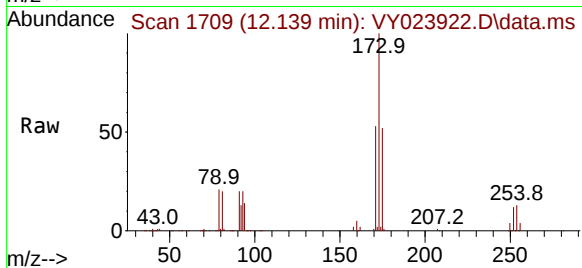




#71
Bromoform
Concen: 65.276 ug/l
RT: 12.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

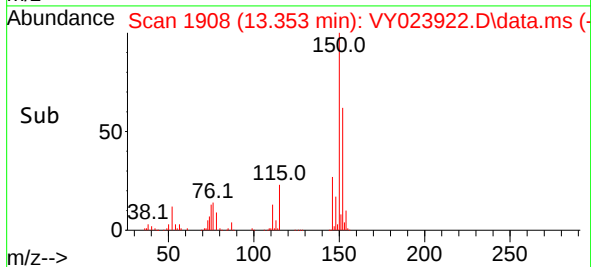
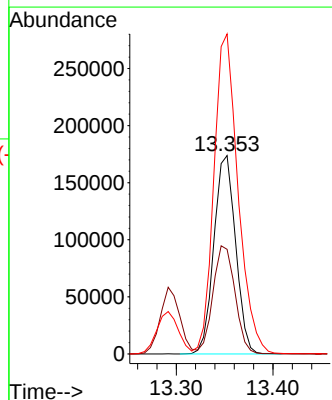
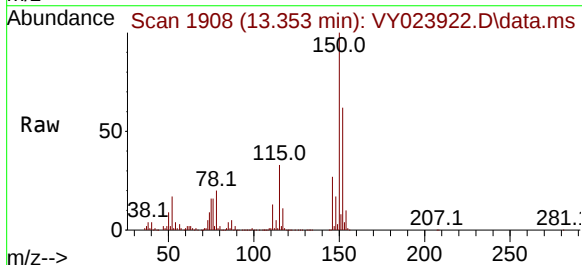
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

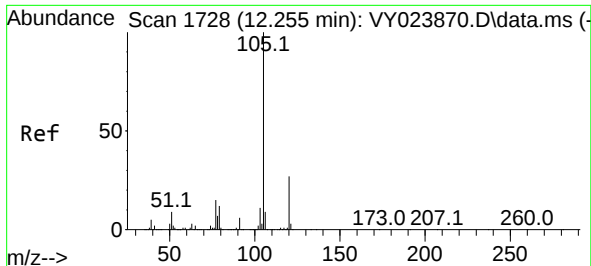
Tgt Ion:173 Resp: 152474
Ion Ratio Lower Upper
173 100
175 49.1 24.4 73.4
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion:152 Resp: 271014
Ion Ratio Lower Upper
152 100
115 55.0 28.8 86.4
150 179.1 0.0 352.2

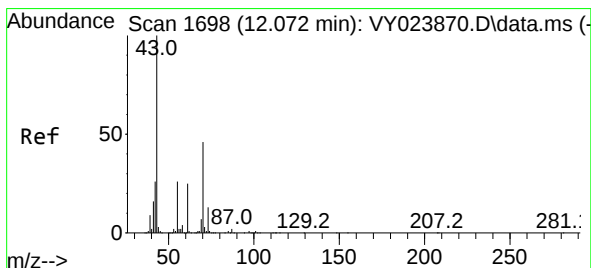
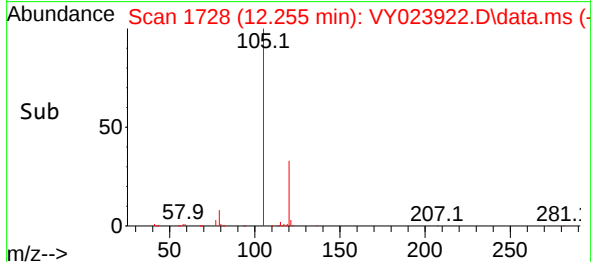
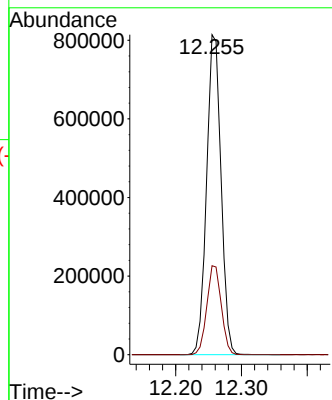
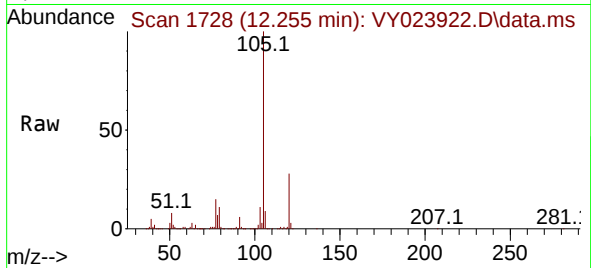




#73
Isopropylbenzene
Concen: 62.281 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

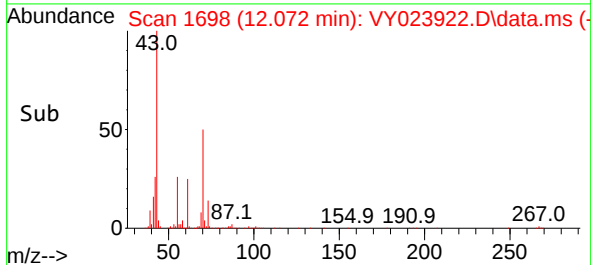
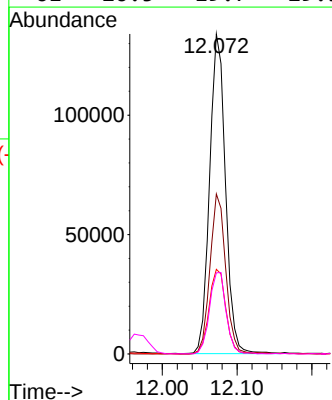
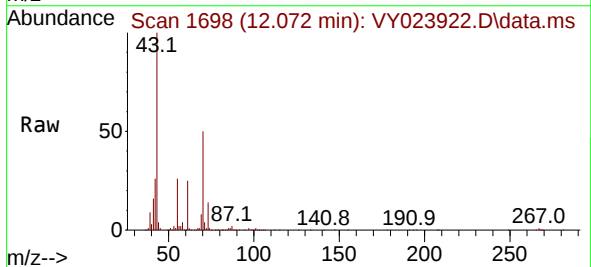
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

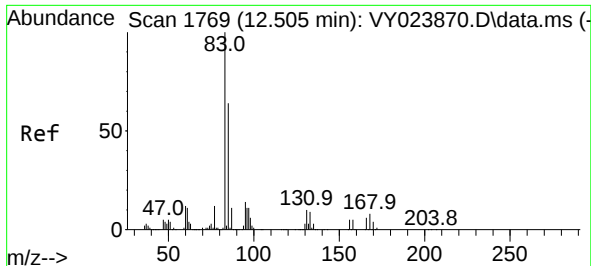
Tgt Ion:105 Resp: 1243595
Ion Ratio Lower Upper
105 100
120 27.8 13.4 40.1



#74
N-ethyl acetate
Concen: 45.632 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 43 Resp: 197469
Ion Ratio Lower Upper
43 100
70 49.5 35.5 53.3
55 28.2 21.1 31.7
61 26.5 19.7 29.5

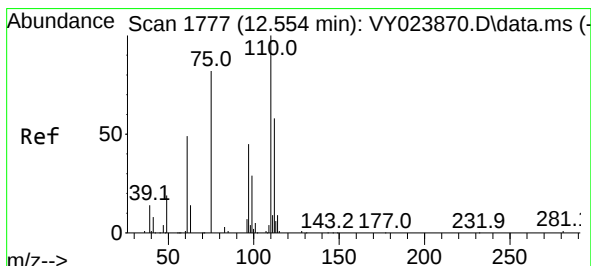
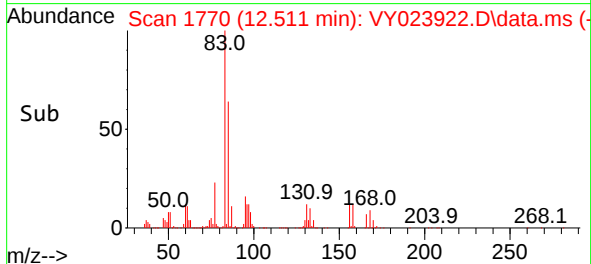
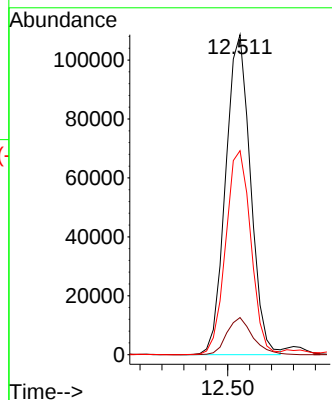
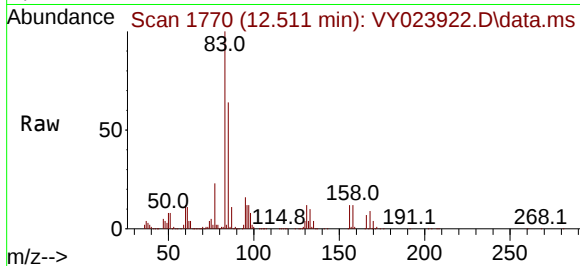




#75
1,1,2,2-Tetrachloroethane
Concen: 53.059 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

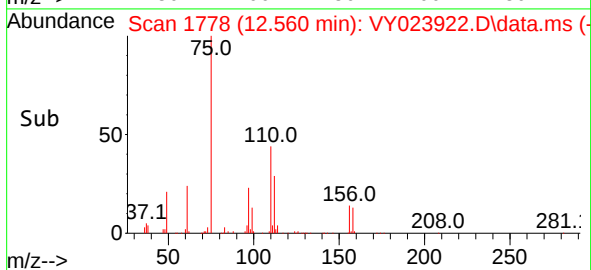
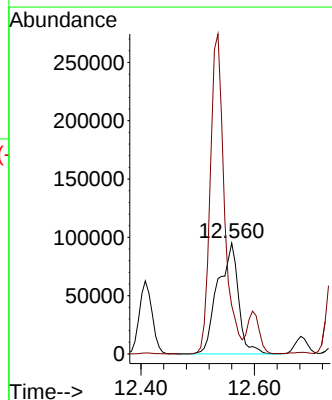
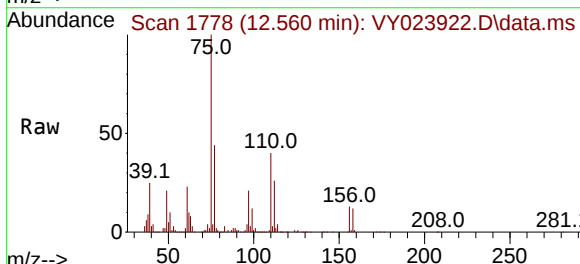
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

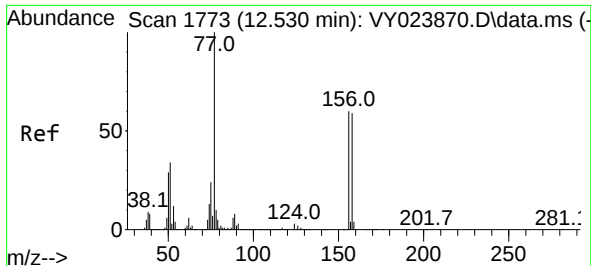
Tgt Ion: 83 Resp: 170934
Ion Ratio Lower Upper
83 100
131 12.0 5.3 15.9
85 64.8 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 89.218 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 75 Resp: 239706
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

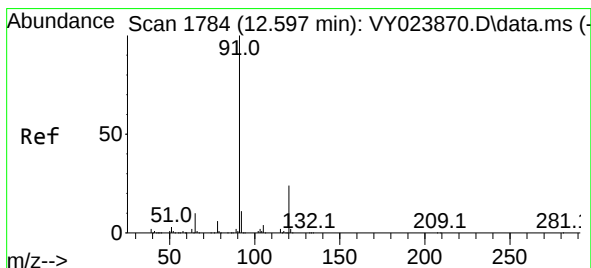
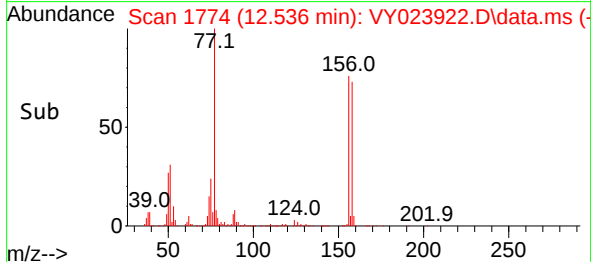
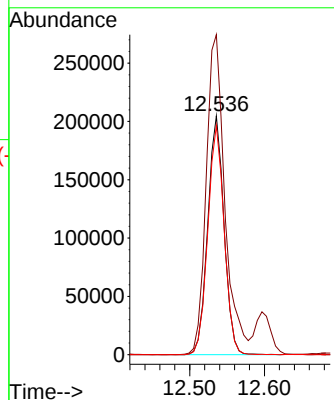
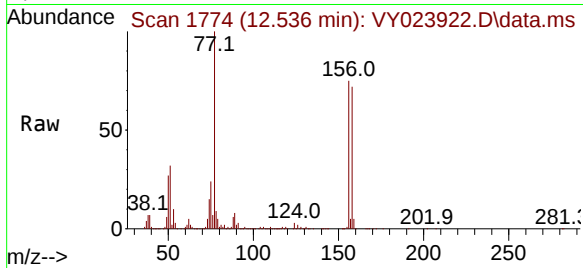




#77
Bromobenzene
Concen: 66.850 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

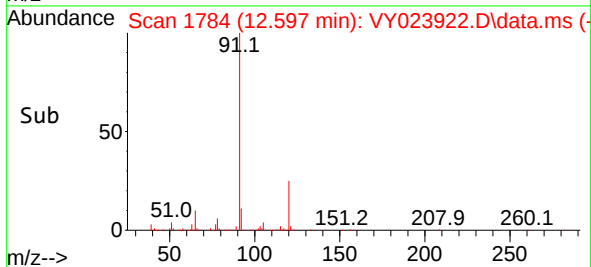
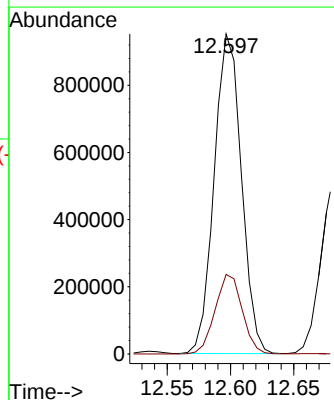
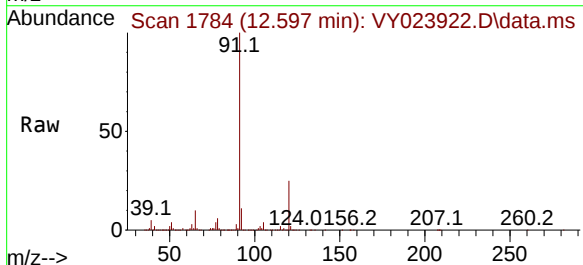
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

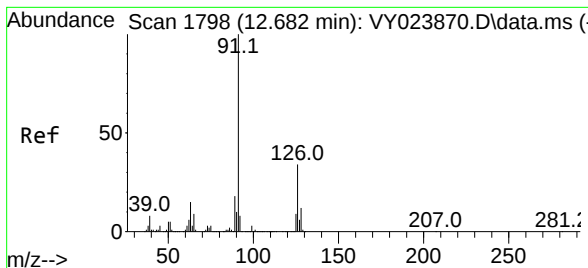
Tgt Ion:156 Resp: 310005
Ion Ratio Lower Upper
156 100
77 153.4 89.6 268.9
158 96.4 48.6 145.8



#78
n-propylbenzene
Concen: 59.031 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 91 Resp: 1422322
Ion Ratio Lower Upper
91 100
120 24.7 11.5 34.5

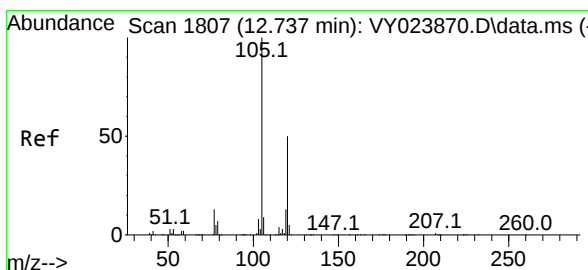
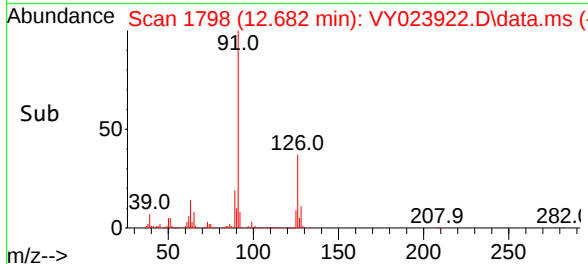
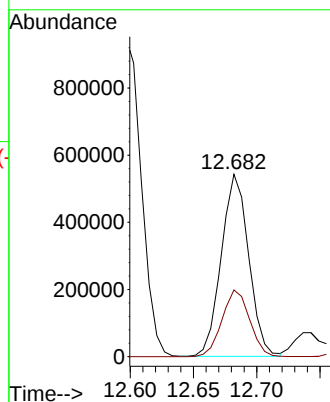
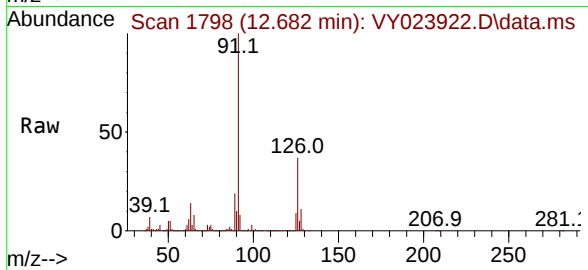




#79
2-Chlorotoluene
Concen: 59.762 ug/l
RT: 12.682 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

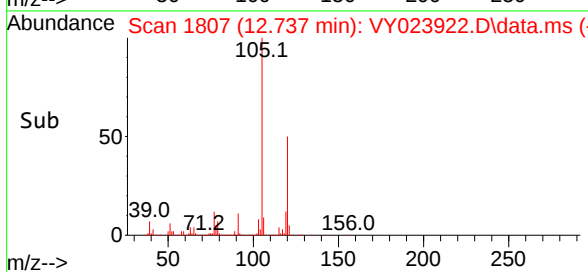
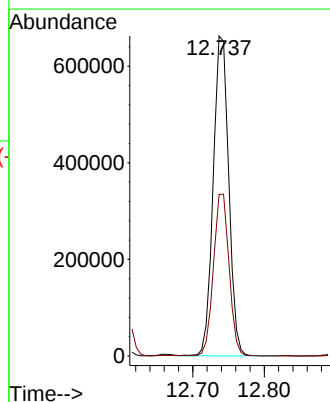
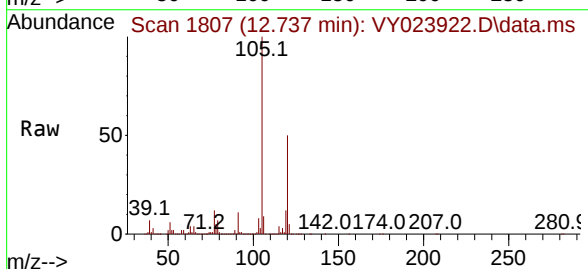
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

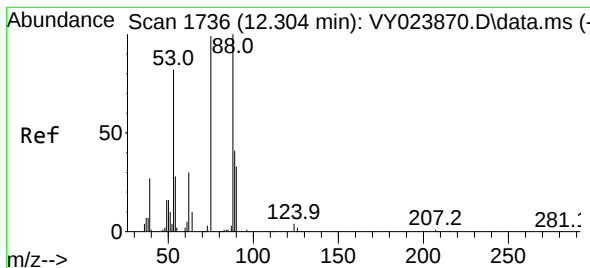
Tgt Ion: 91 Resp: 817780
Ion Ratio Lower Upper
91 100
126 36.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 61.560 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion:105 Resp: 998776
Ion Ratio Lower Upper
105 100
120 51.0 24.9 74.6

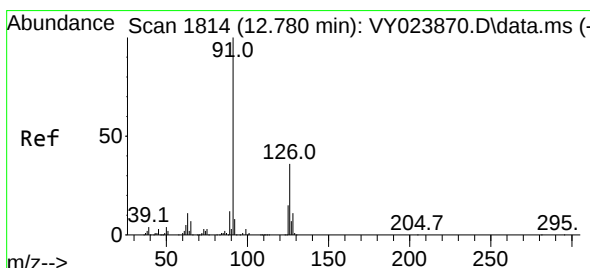
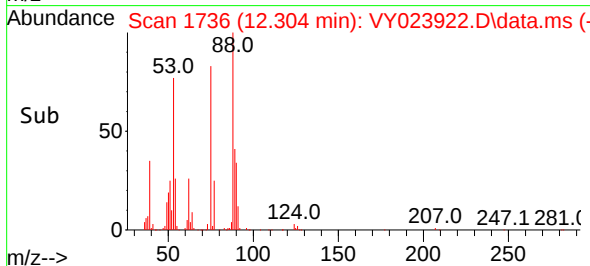
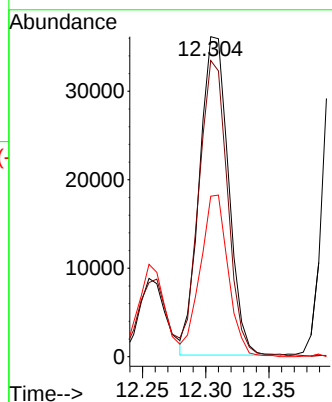
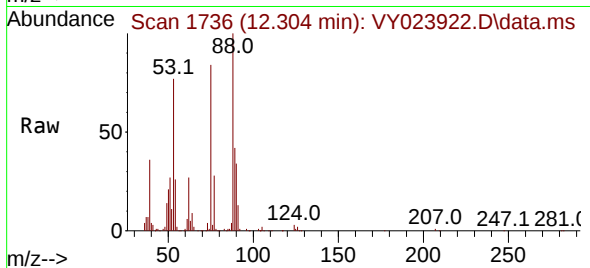




#81
trans-1,4-Dichloro-2-butene
Concen: 51.061 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

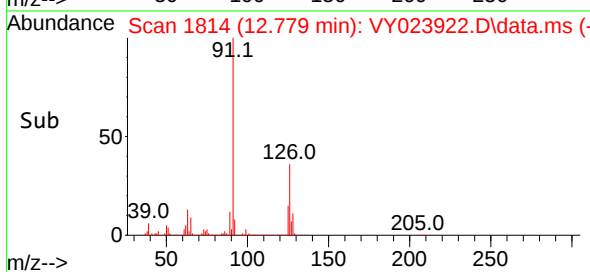
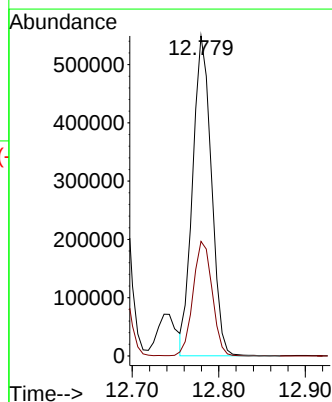
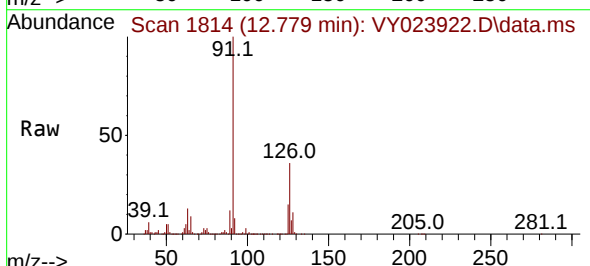
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

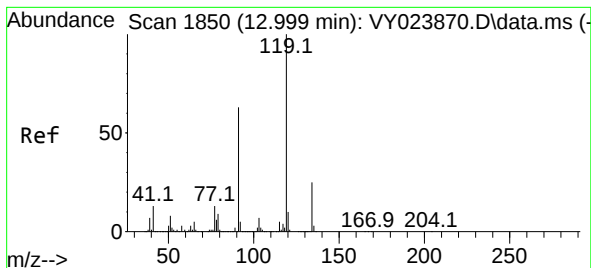
Tgt Ion: 75 Resp: 57279
Ion Ratio Lower Upper
75 100
53 91.8 71.1 106.7
89 49.1 36.3 54.5



#82
4-Chlorotoluene
Concen: 58.063 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023922.D
Acq: 09 Dec 2025 20:33

Tgt Ion: 91 Resp: 823734
Ion Ratio Lower Upper
91 100
126 36.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 63.421 ug/l

RT: 12.999 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

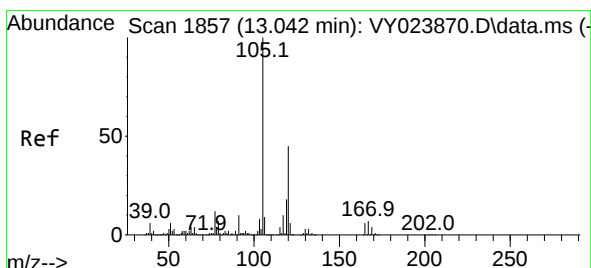
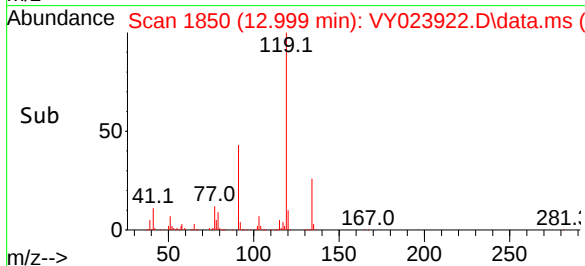
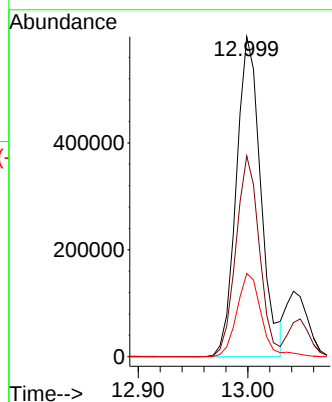
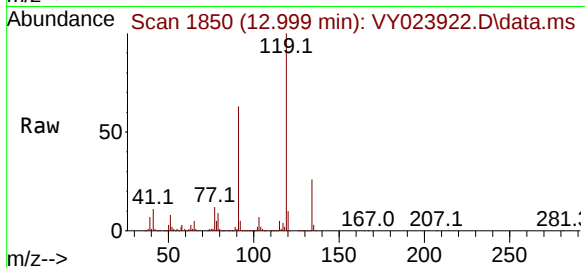
Tgt Ion:119 Resp: 927637

Ion Ratio Lower Upper

119 100

91 60.3 31.8 95.3

134 26.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 61.146 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023922.D

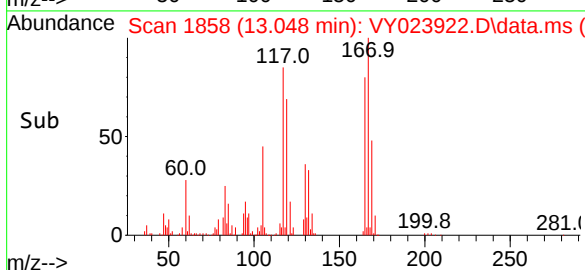
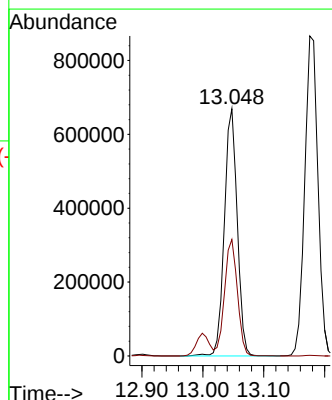
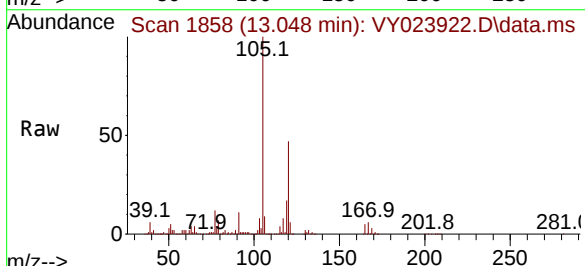
Acq: 09 Dec 2025 20:33

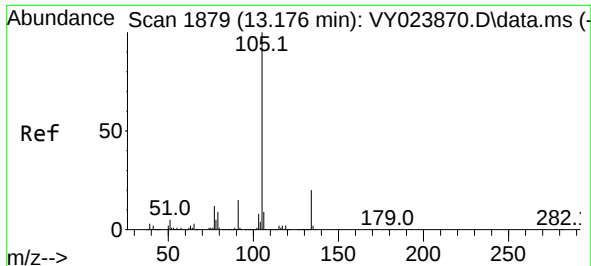
Tgt Ion:105 Resp: 982805

Ion Ratio Lower Upper

105 100

120 47.1 22.4 67.3

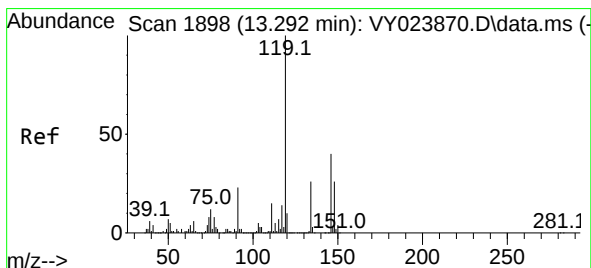
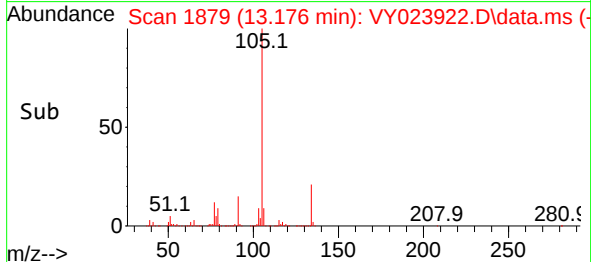
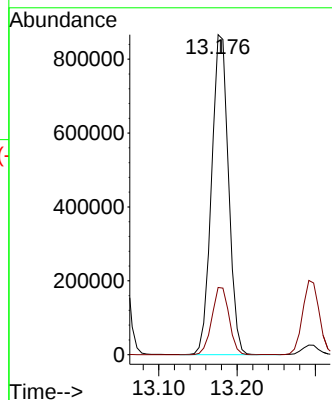
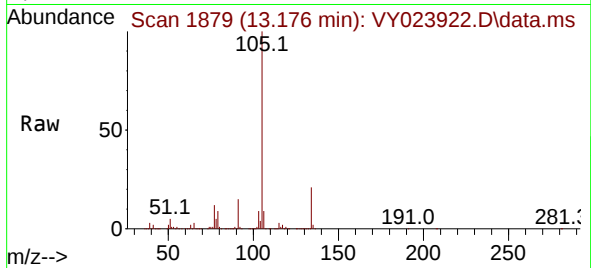




#85
 sec-Butylbenzene
 Concen: 59.821 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023922.D
 Acq: 09 Dec 2025 20:33

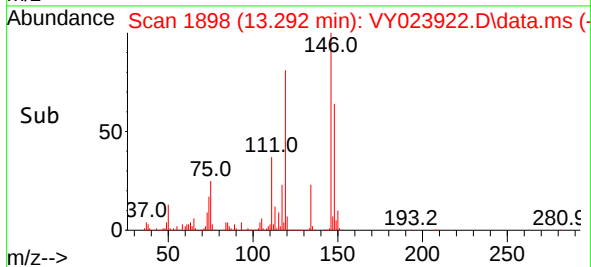
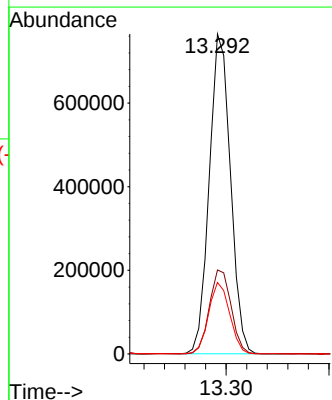
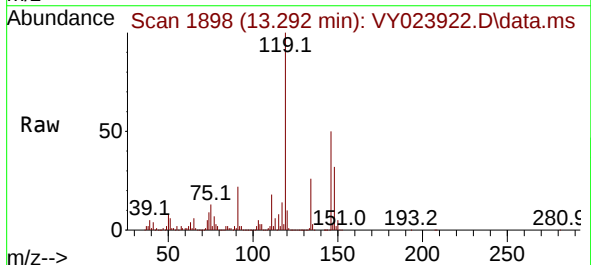
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

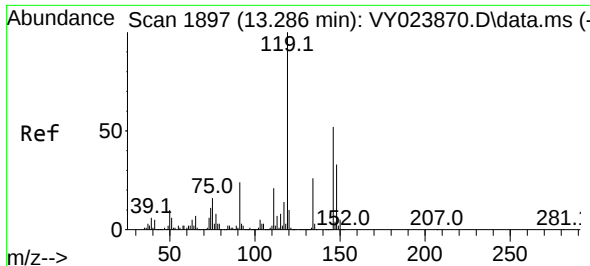
Tgt Ion:105 Resp: 1301578
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 60.905 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023922.D
 Acq: 09 Dec 2025 20:33

Tgt Ion:119 Resp: 1097214
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.1
 91 22.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 61.841 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

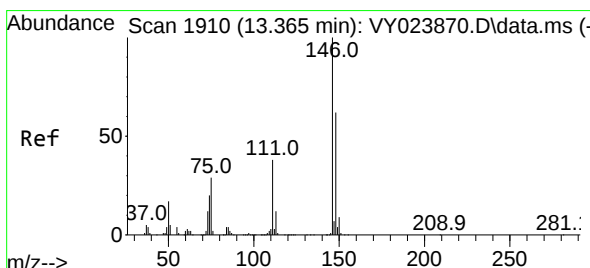
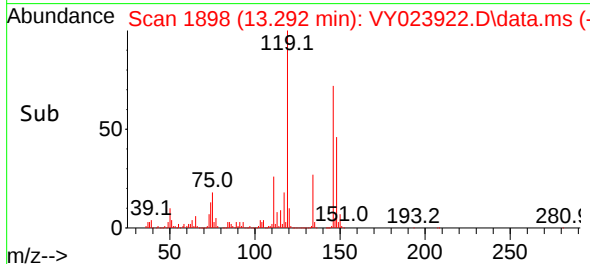
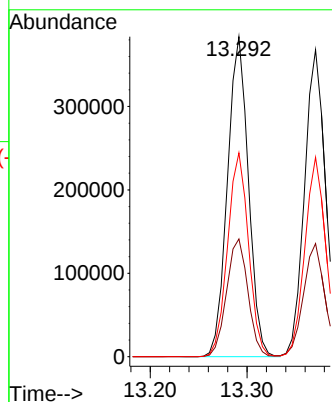
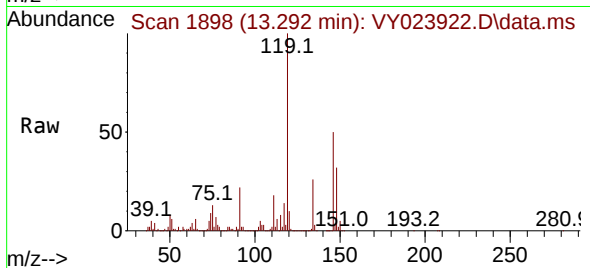
Tgt Ion:146 Resp: 577772

Ion Ratio Lower Upper

146 100

111 37.5 20.0 60.0

148 63.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 60.448 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

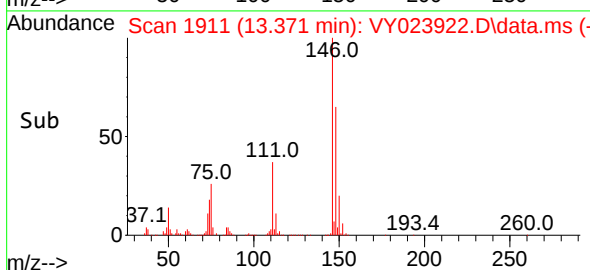
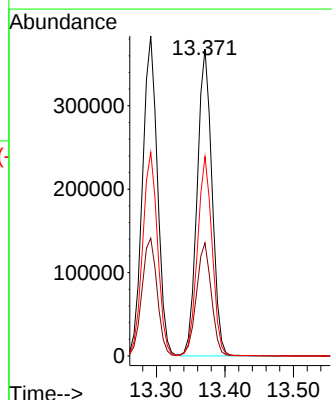
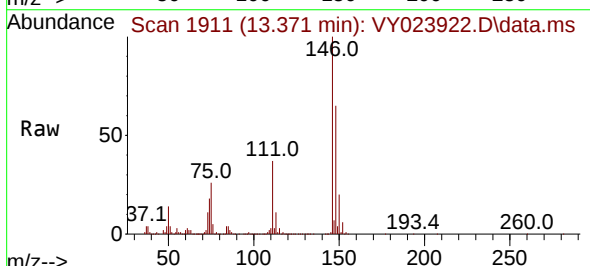
Tgt Ion:146 Resp: 553843

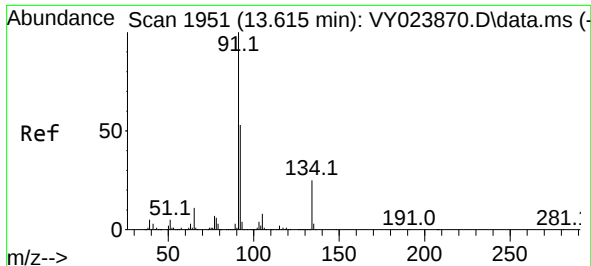
Ion Ratio Lower Upper

146 100

111 37.0 19.4 58.1

148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 56.308 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

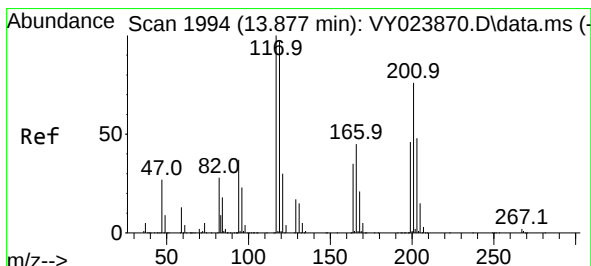
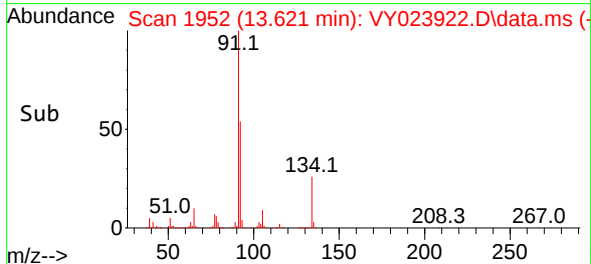
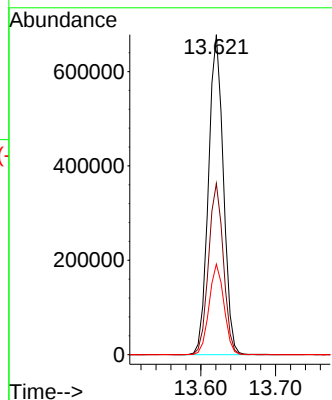
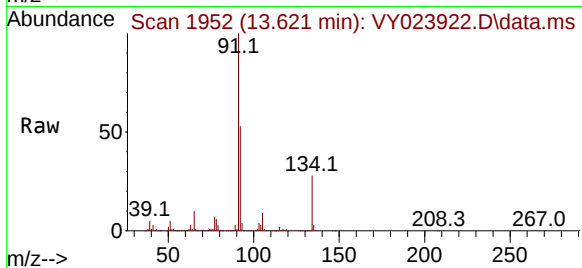
Tgt Ion: 91 Resp: 938888

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

134 28.1 13.0 39.0



#90

Hexachloroethane

Concen: 58.245 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023922.D

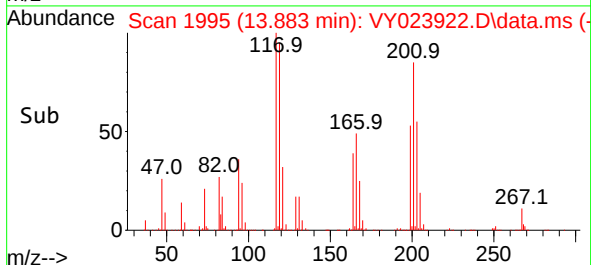
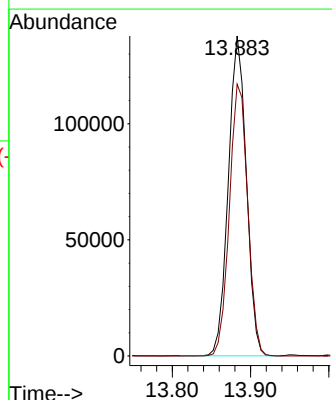
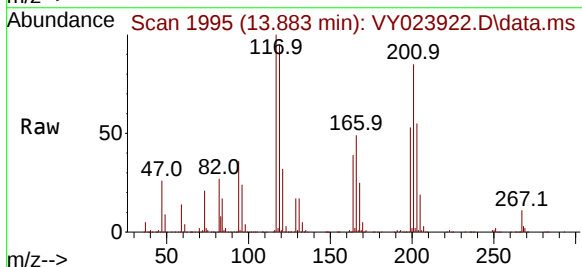
Acq: 09 Dec 2025 20:33

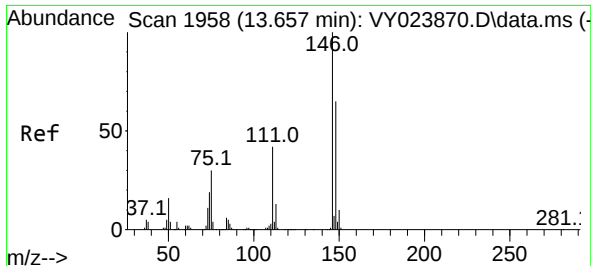
Tgt Ion: 117 Resp: 220126

Ion Ratio Lower Upper

117 100

201 86.2 39.1 117.2





#91

1,2-Dichlorobenzene

Concen: 60.827 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

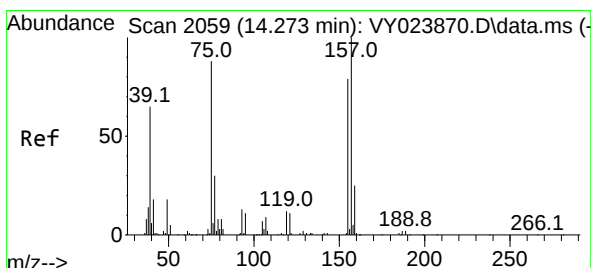
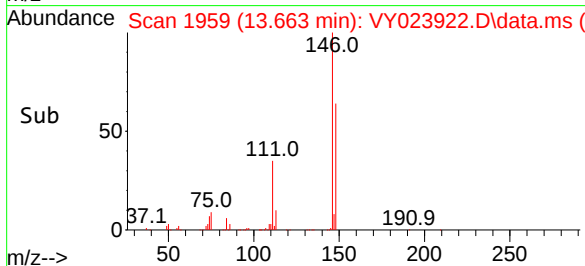
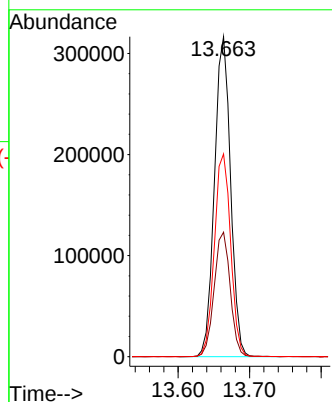
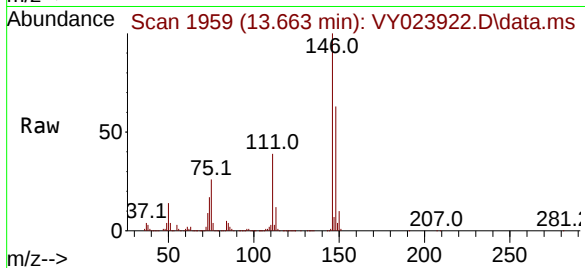
Tgt Ion:146 Resp: 494287

Ion Ratio Lower Upper

146 100

111 38.9 20.4 61.3

148 64.2 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.151 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

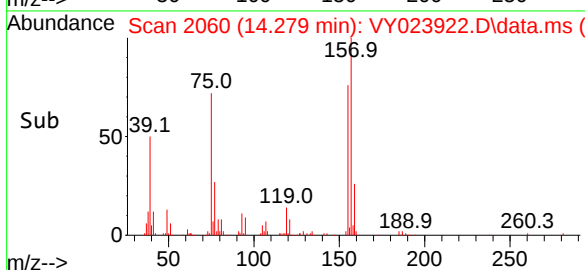
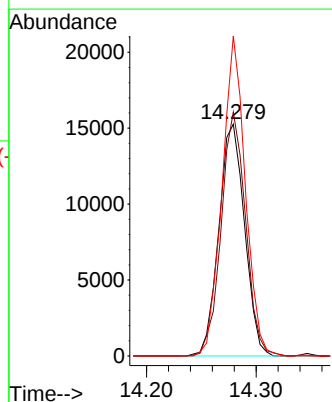
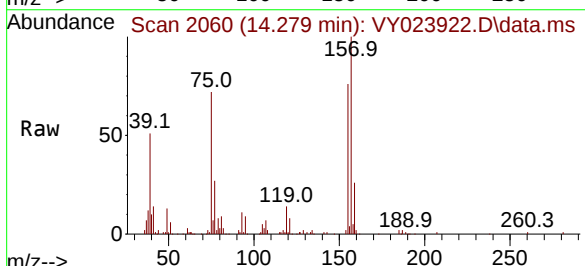
Tgt Ion: 75 Resp: 24897

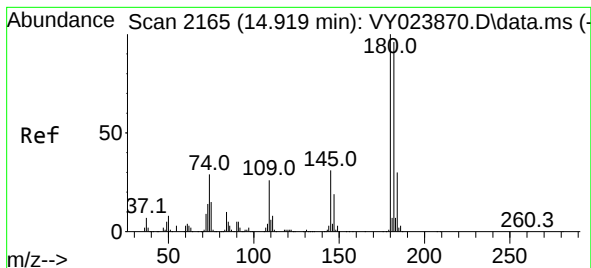
Ion Ratio Lower Upper

75 100

155 100.0 44.4 133.2

157 124.5 57.5 172.3





#93

1,2,4-Trichlorobenzene

Concen: 56.052 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

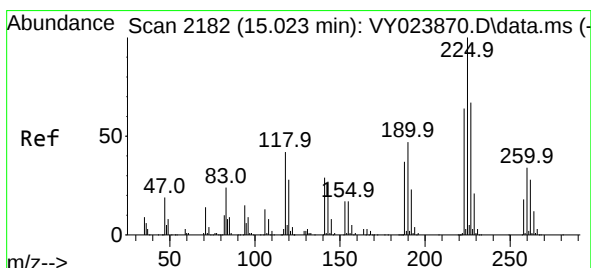
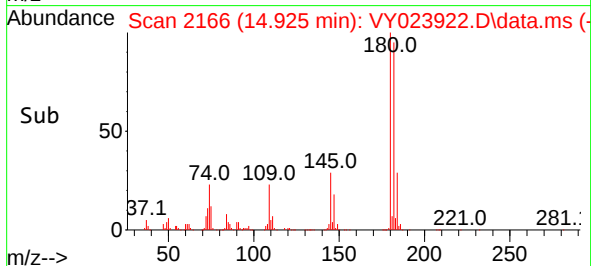
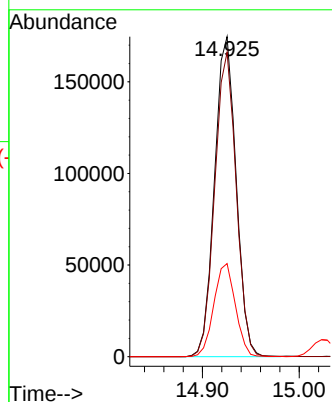
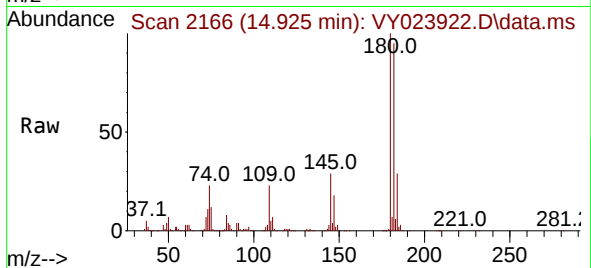
Tgt Ion:180 Resp: 270051

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 29.2 15.2 45.5



#94

Hexachlorobutadiene

Concen: 58.096 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

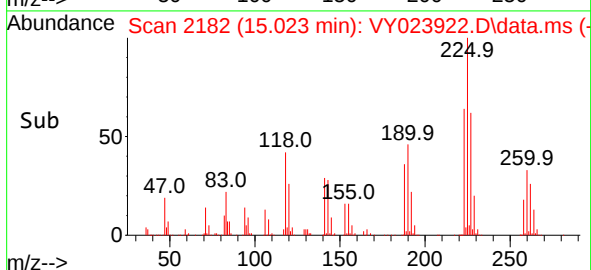
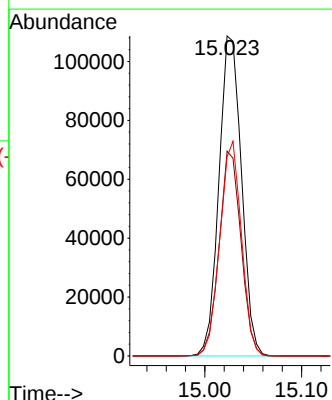
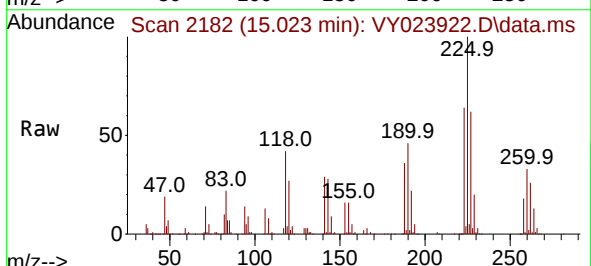
Tgt Ion:225 Resp: 175609

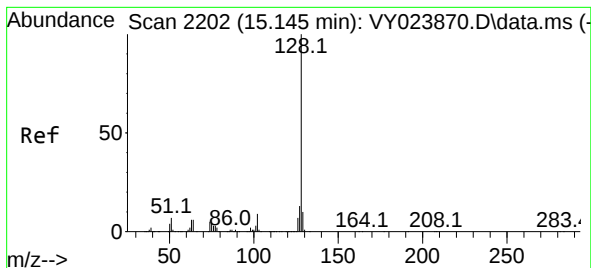
Ion Ratio Lower Upper

225 100

223 62.2 31.6 95.0

227 64.3 32.6 97.8





#95

Naphthalene

Concen: 52.776 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

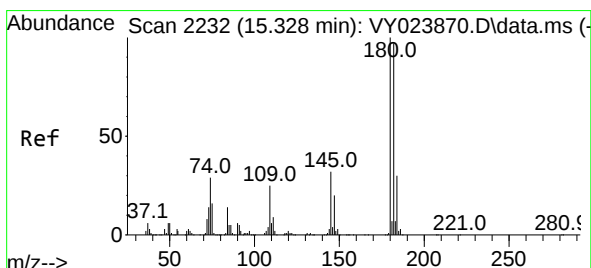
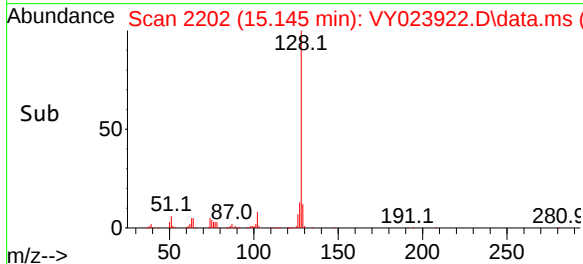
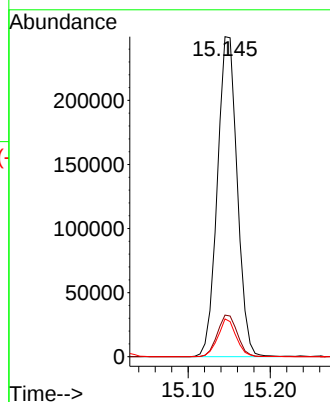
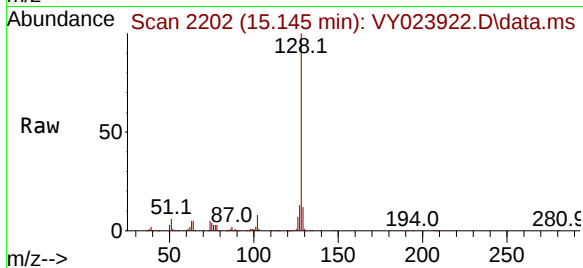
Tgt Ion:128 Resp: 419037

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.038 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023922.D

Acq: 09 Dec 2025 20:33

Tgt Ion:180 Resp: 222170

Ion Ratio Lower Upper

180 100

182 94.8 46.9 140.8

145 30.9 15.7 47.1

