

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120225\
 Data File : VY023852.D
 Acq On : 02 Dec 2025 11:16
 Operator : SY/MD
 Sample : VY1202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 01:01:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	493356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	766075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	660593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	338509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	234624	48.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.660%
35) Dibromofluoromethane	7.640	113	226358	49.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.109	98	895767	49.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.408	95	286360	48.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73950	19.889	ug/l	93
3) Chloromethane	2.074	50	96640	16.990	ug/l	96
4) Vinyl Chloride	2.214	62	108059	17.562	ug/l	100
5) Bromomethane	2.604	94	78647	18.119	ug/l	96
6) Chloroethane	2.745	64	72713	18.133	ug/l	96
7) Trichlorofluoromethane	3.068	101	158663	19.072	ug/l	98
8) Diethyl Ether	3.464	74	48948	18.681	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	98013	20.187	ug/l	99
10) Methyl Iodide	4.019	142	89577	16.836	ug/l	100
11) Tert butyl alcohol	4.866	59	38896	98.572	ug/l #	84
12) 1,1-Dichloroethene	3.799	96	88629	18.555	ug/l	97
13) Acrolein	3.659	56	39784	70.135	ug/l	99
14) Allyl chloride	4.397	41	146864	19.408	ug/l	98
15) Acrylonitrile	5.073	53	112224	99.238	ug/l	98
16) Acetone	3.879	43	160001	115.586	ug/l	97
17) Carbon Disulfide	4.116	76	243031	15.765	ug/l	98
18) Methyl Acetate	4.397	43	49331	18.453	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	236654	19.387	ug/l	98
20) Methylene Chloride	4.628	84	104290	17.821	ug/l	97
21) trans-1,2-Dichloroethene	5.128	96	97906	18.512	ug/l	99
22) Diisopropyl ether	6.031	45	331433	20.256	ug/l	99
23) Vinyl Acetate	5.970	43	902329	99.170	ug/l	99
24) 1,1-Dichloroethane	5.927	63	190926	19.835	ug/l	99
25) 2-Butanone	6.902	43	189565	112.213	ug/l	98
26) 2,2-Dichloropropane	6.890	77	167413	19.622	ug/l	99
27) cis-1,2-Dichloroethene	6.902	96	115286	18.771	ug/l	97
28) Bromochloromethane	7.256	49	82601	20.630	ug/l	98
29) Tetrahydrofuran	7.274	42	91290	96.888	ug/l	97
30) Chloroform	7.427	83	191399	19.775	ug/l	100
31) Cyclohexane	7.707	56	174532	18.895	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	168181	19.575	ug/l	99
36) 1,1-Dichloropropene	7.841	75	134671	19.354	ug/l	100
37) Ethyl Acetate	6.994	43	69557	21.253	ug/l	99
38) Carbon Tetrachloride	7.823	117	152455	19.961	ug/l	98
39) Methylcyclohexane	9.115	83	169932	18.492	ug/l	99
40) Benzene	8.085	78	421204	19.671	ug/l	99

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Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 01:01:00 2025
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 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	34188	20.923	ug/l	96
42) 1,2-Dichloroethane	8.164	62	112414	20.364	ug/l	97
43) Isopropyl Acetate	8.201	43	121119	19.803	ug/l #	87
44) Trichloroethene	8.872	130	109415	19.916	ug/l	95
45) 1,2-Dichloropropane	9.146	63	100864	19.979	ug/l	97
46) Dibromomethane	9.237	93	54890	20.037	ug/l	99
47) Bromodichloromethane	9.426	83	143043	19.980	ug/l	99
48) Methyl methacrylate	9.225	41	54511	18.930	ug/l	94
49) 1,4-Dioxane	9.237	88	11683	380.532	ug/l	96
51) 4-Methyl-2-Pentanone	10.006	43	328658	102.075	ug/l	98
52) Toluene	10.176	92	263911	19.881	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	129059	19.679	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	152390	19.412	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	76190	20.762	ug/l	97
56) Ethyl methacrylate	10.444	69	90565	18.796	ug/l	97
57) 1,3-Dichloropropane	10.719	76	127136	19.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	241961	104.530	ug/l	100
59) 2-Hexanone	10.761	43	261865	109.983	ug/l	98
60) Dibromochloromethane	10.914	129	98736	20.051	ug/l	100
61) 1,2-Dibromoethane	11.018	107	68190	20.019	ug/l	96
64) Tetrachloroethene	10.652	164	126760	20.228	ug/l	98
65) Chlorobenzene	11.444	112	288154	19.872	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	98722	20.041	ug/l	99
67) Ethyl Benzene	11.524	91	487663	19.689	ug/l	98
68) m/p-Xylenes	11.633	106	382268	40.053	ug/l	98
69) o-Xylene	11.956	106	175204	19.581	ug/l	99
70) Styrene	11.975	104	290468	19.707	ug/l	100
71) Bromoform	12.133	173	57372	19.966	ug/l	100
73) Isopropylbenzene	12.255	105	470053	19.565	ug/l	99
74) N-amyl acetate	12.072	43	101038	18.824	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	78349	19.808	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	109220	37.103	ug/l #	100
77) Bromobenzene	12.536	156	110763	19.601	ug/l	99
78) n-propylbenzene	12.597	91	569239	19.680	ug/l	99
79) 2-Chlorotoluene	12.682	91	325300	19.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	381611	19.457	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	26828	19.263	ug/l	96
82) 4-Chlorotoluene	12.779	91	338502	19.799	ug/l	100
83) tert-Butylbenzene	12.999	119	336627	19.106	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	379117	19.342	ug/l	98
85) sec-Butylbenzene	13.176	105	520997	20.032	ug/l	99
86) p-Isopropyltoluene	13.292	119	423224	19.469	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	221052	19.519	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	219879	19.451	ug/l	99
89) n-Butylbenzene	13.621	91	383311	19.230	ug/l	100
90) Hexachloroethane	13.883	117	88598	19.398	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	192544	19.442	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12259	18.516	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	108443	18.365	ug/l	100
94) Hexachlorobutadiene	15.023	225	70903	19.281	ug/l	99
95) Naphthalene	15.145	128	175893	17.663	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	93743	18.640	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

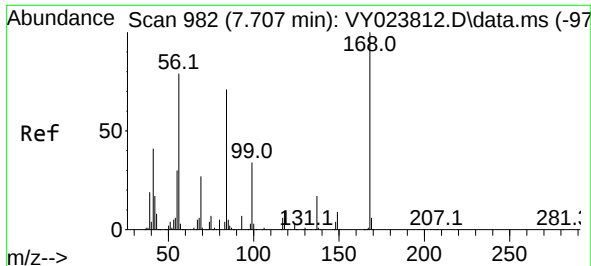
Quant Time: Dec 03 01:01:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 27 01:14:36 2025
Response via : Initial Calibration

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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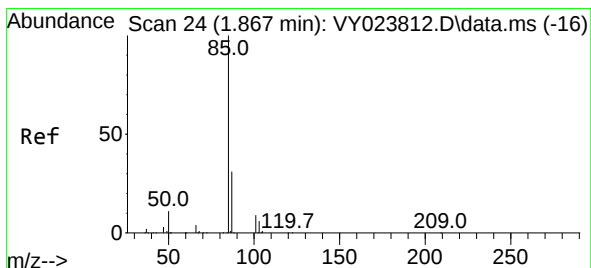
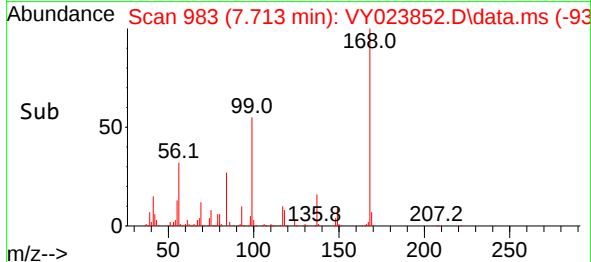
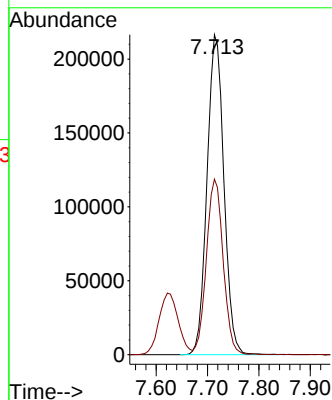
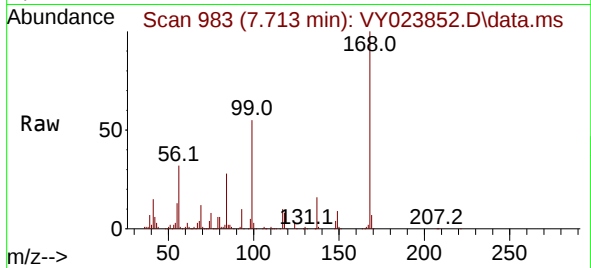




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

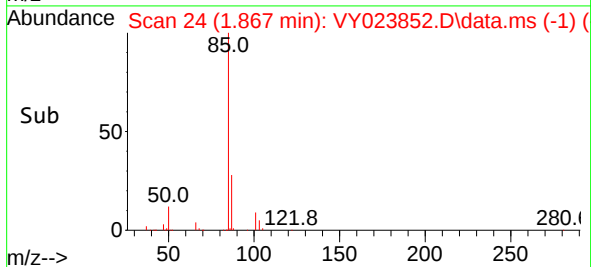
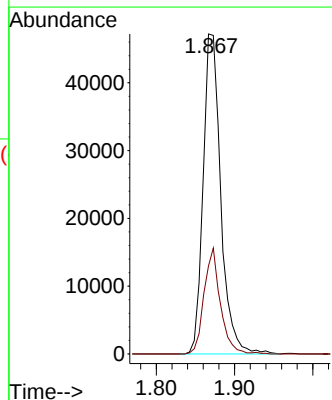
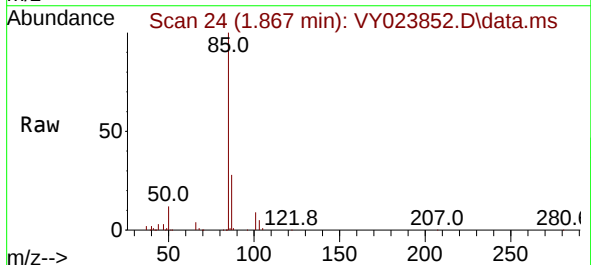
Instrument :
MSVOA_Y
ClientSampleId :

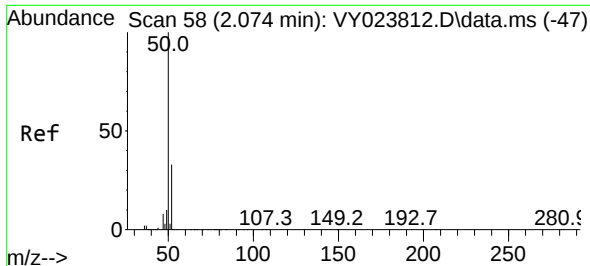
Tgt Ion:168 Resp: 493356
Ion Ratio Lower Upper
168 100
99 54.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 19.889 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 85 Resp: 73950
Ion Ratio Lower Upper
85 100
87 27.5 15.7 47.1

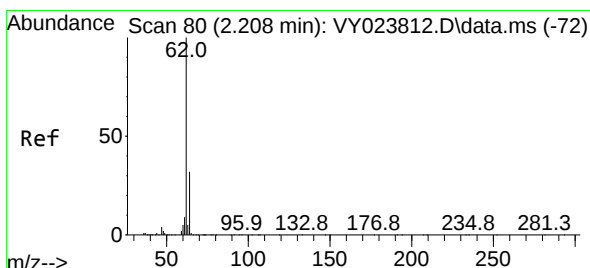
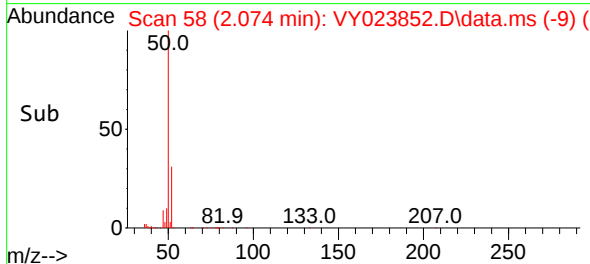
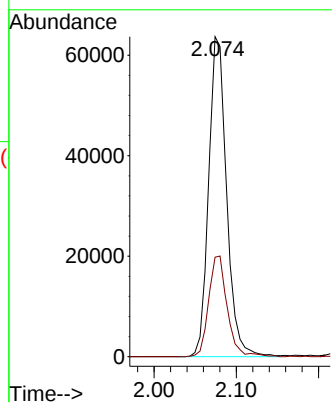
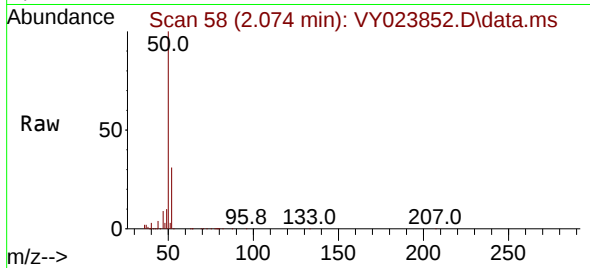




#3
Chloromethane
Concen: 16.990 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

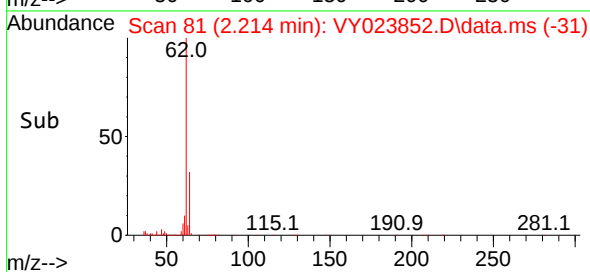
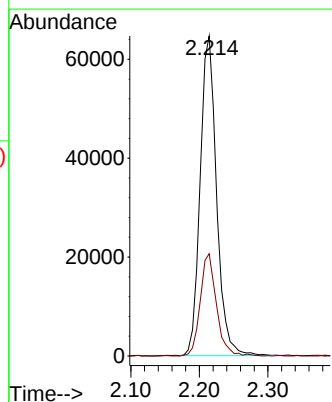
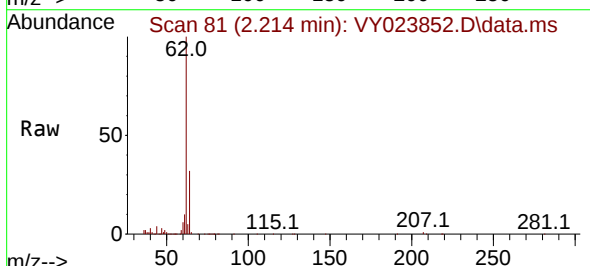
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MSVOA_Y
ClientSampleId :

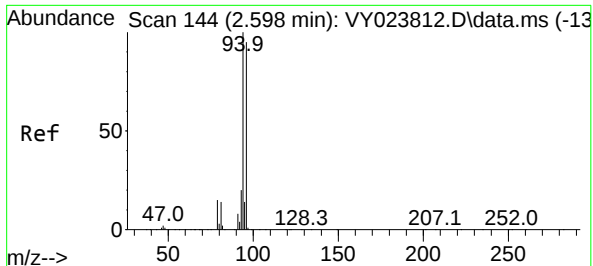
Tgt Ion: 50 Resp: 96640
Ion Ratio Lower Upper
50 100
52 31.1 26.6 39.8



#4
Vinyl Chloride
Concen: 17.562 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 62 Resp: 108059
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

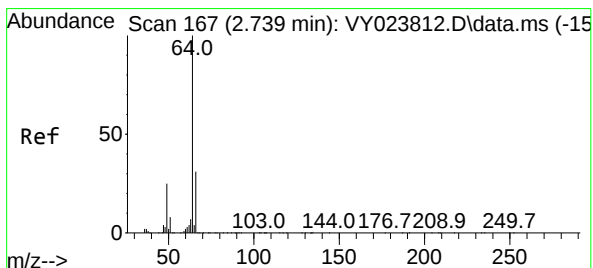
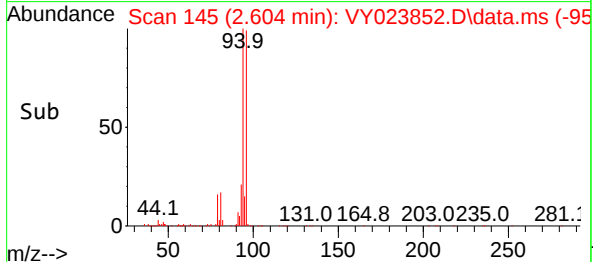
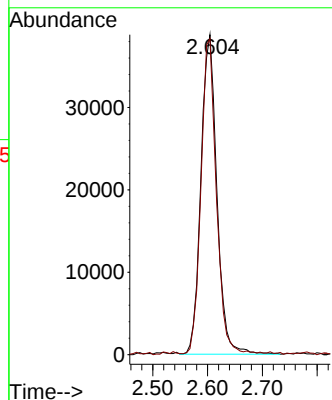
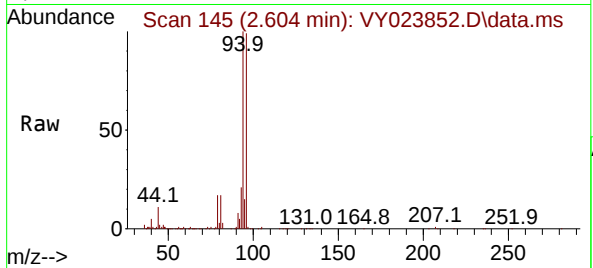




#5
Bromomethane
Concen: 18.119 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

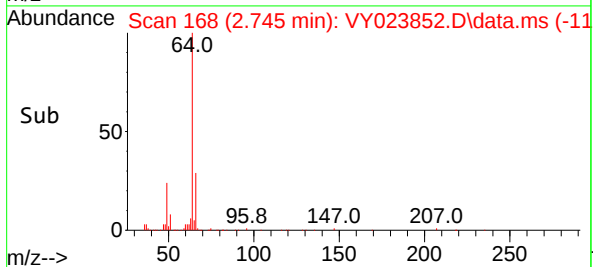
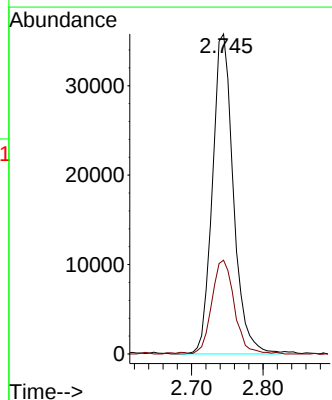
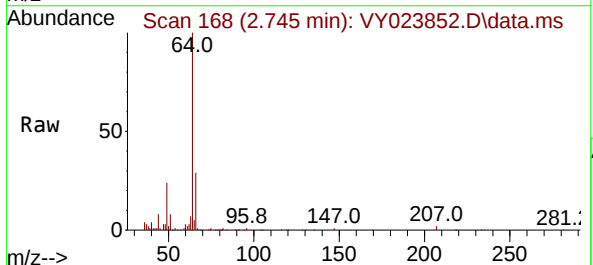
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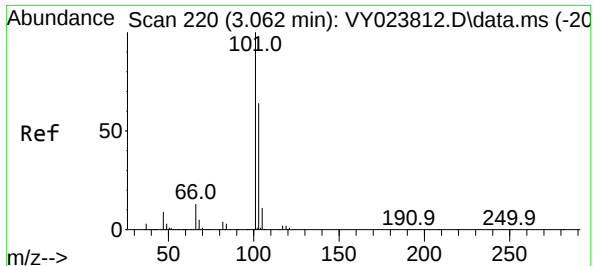
Tgt Ion: 94 Resp: 78647
Ion Ratio Lower Upper
94 100
96 98.5 76.1 114.1



#6
Chloroethane
Concen: 18.133 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 64 Resp: 72713
Ion Ratio Lower Upper
64 100
66 29.0 25.1 37.7

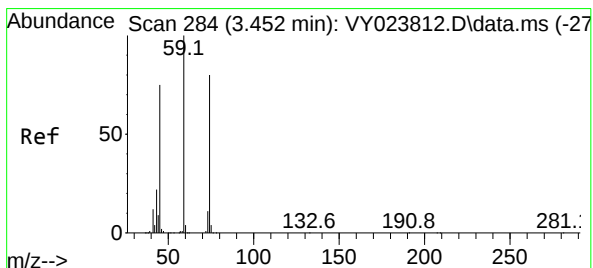
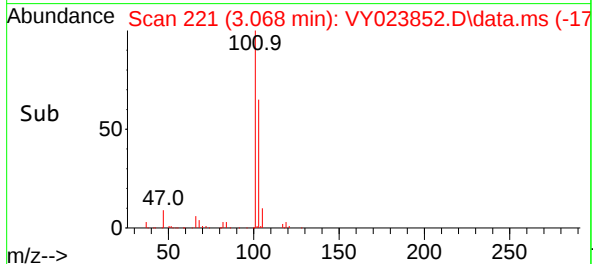
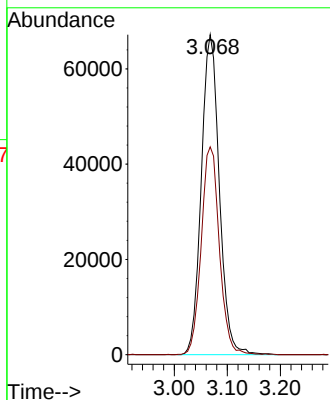
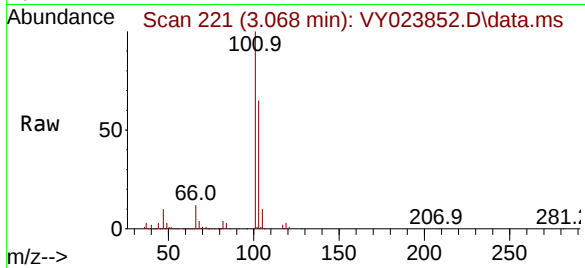




#7
Trichlorofluoromethane
Concen: 19.072 ug/l
RT: 3.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

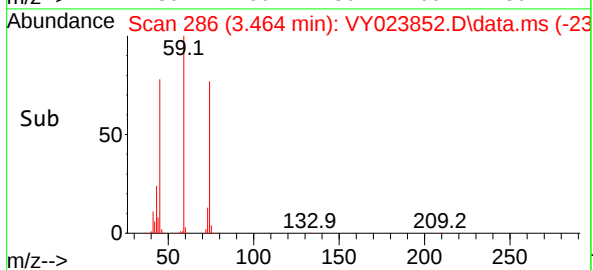
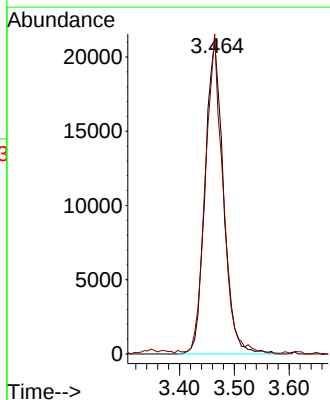
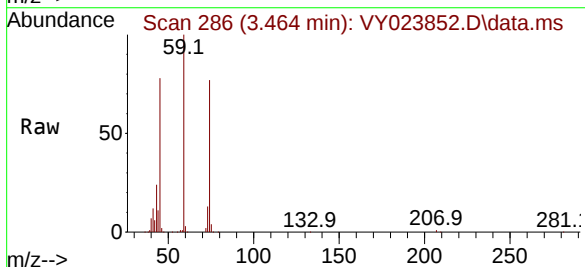
Instrument :
MSVOA_Y
ClientSampleId :

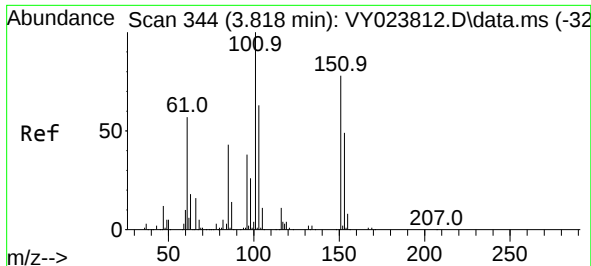
Tgt Ion:101 Resp: 158663
Ion Ratio Lower Upper
101 100
103 65.0 50.8 76.2



#8
Diethyl Ether
Concen: 18.681 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.012 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 74 Resp: 48948
Ion Ratio Lower Upper
74 100
45 97.2 47.0 141.0

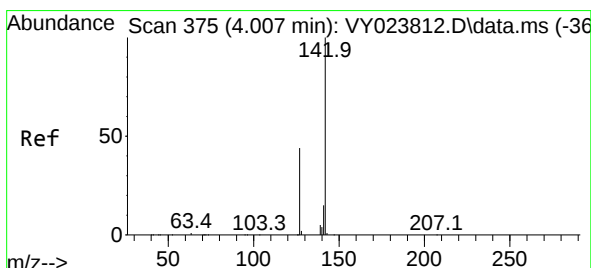
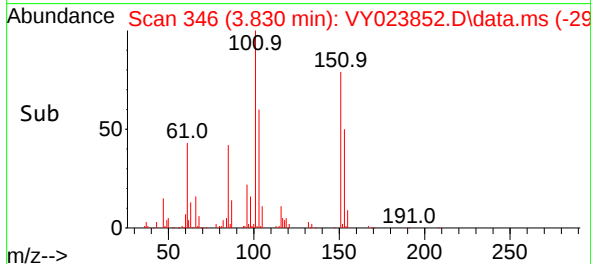
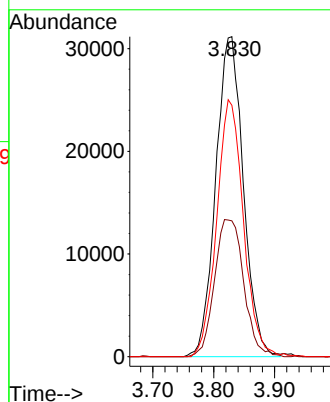
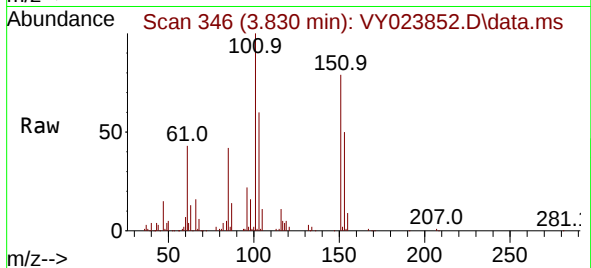




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.187 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023852.D
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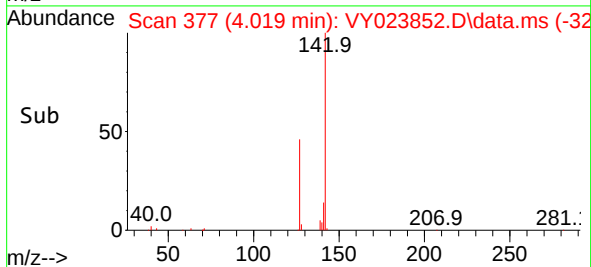
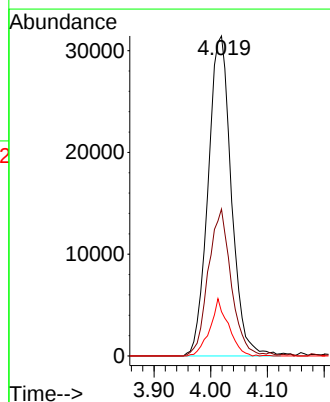
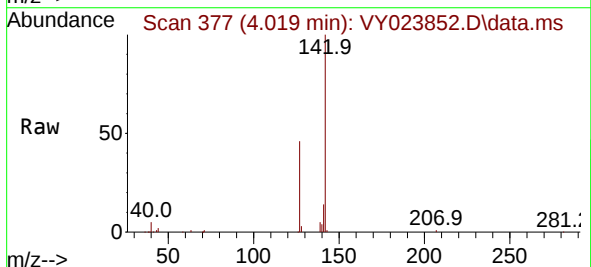
Instrument :
MSVOA_Y
ClientSampleId :

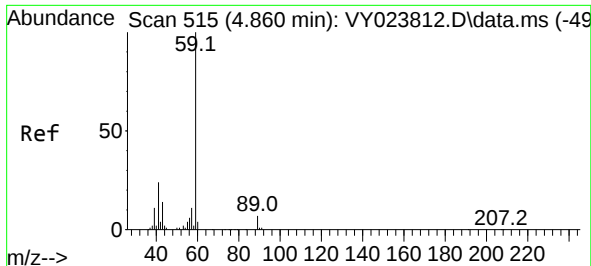
Tgt Ion:101 Resp: 98013
Ion Ratio Lower Upper
101 100
85 45.4 35.8 53.8
151 78.2 62.8 94.2



#10
Methyl Iodide
Concen: 16.836 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion:142 Resp: 89577
Ion Ratio Lower Upper
142 100
127 45.2 36.2 54.2
141 14.2 11.4 17.0

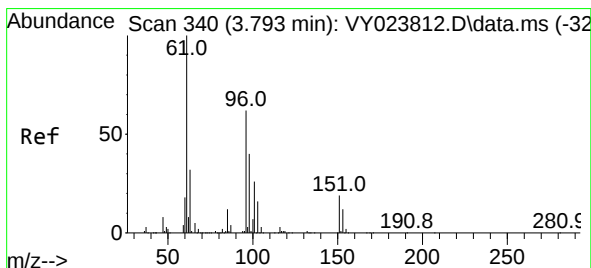
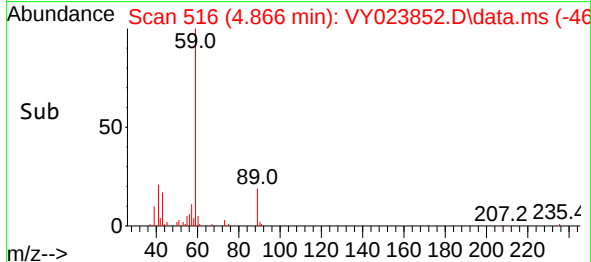
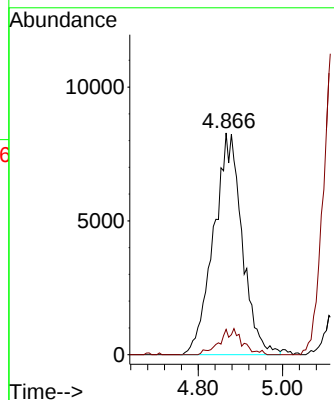
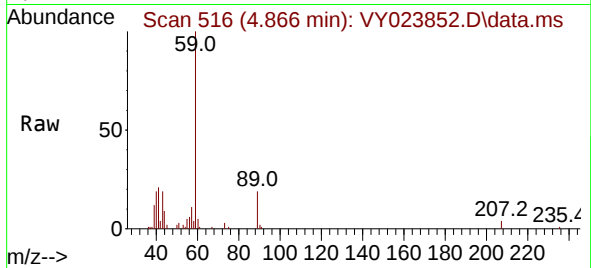




#11
Tert butyl alcohol
Concen: 98.572 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

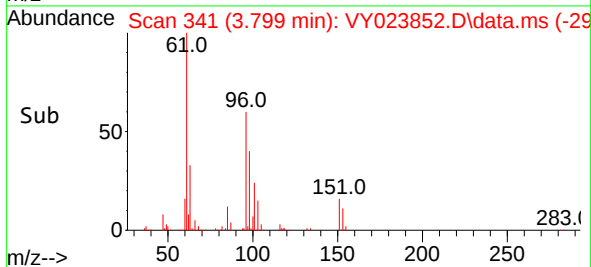
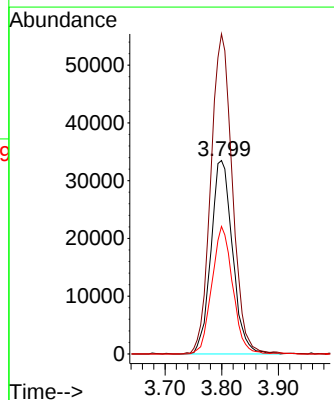
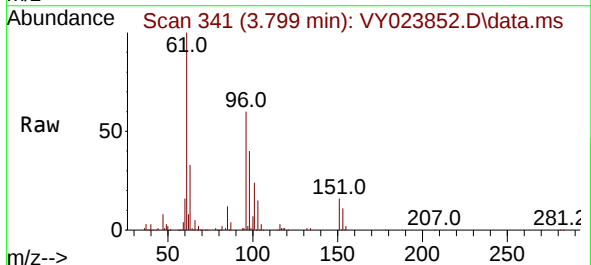
Instrument :
MSVOA_Y
ClientSampleId :

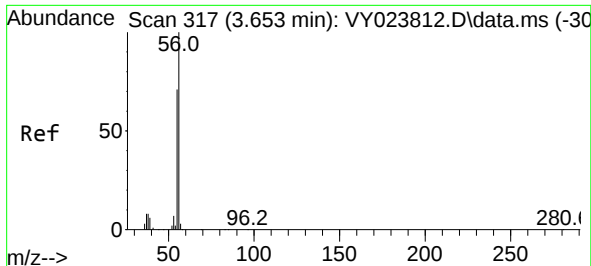
Tgt Ion: 59 Resp: 38896
Ion Ratio Lower Upper
59 100
57 4.3 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 18.555 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 96 Resp: 88629
Ion Ratio Lower Upper
96 100
61 165.4 128.9 193.3
98 65.9 51.8 77.6

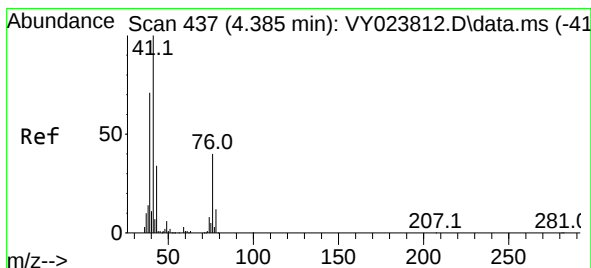
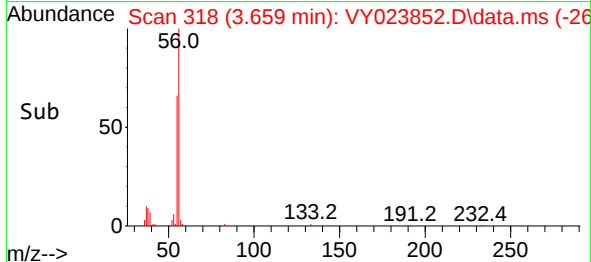
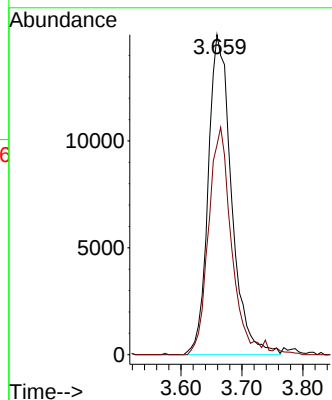
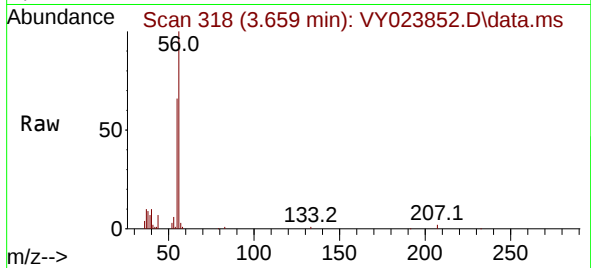




#13
Acrolein
Concen: 70.135 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

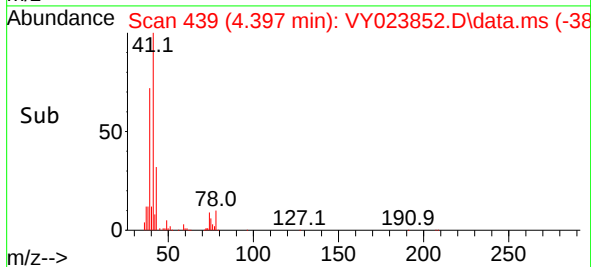
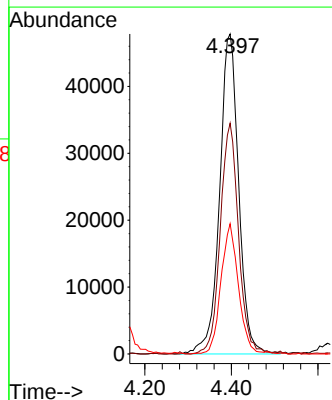
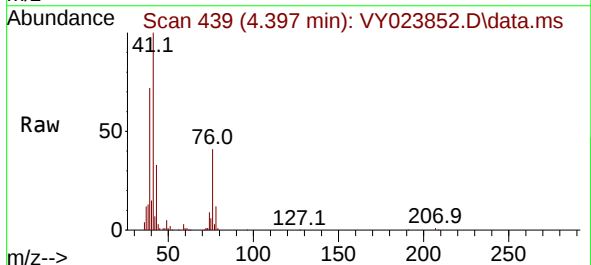
Instrument :
MSVOA_Y
ClientSampleId :

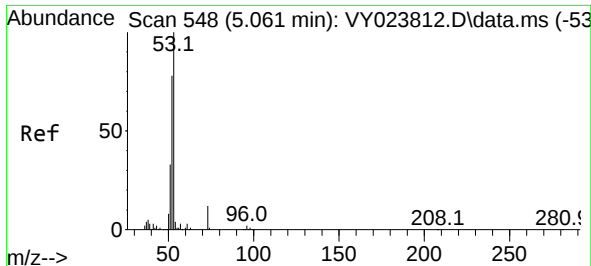
Tgt Ion: 56 Resp: 39784
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7



#14
Allyl chloride
Concen: 19.408 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

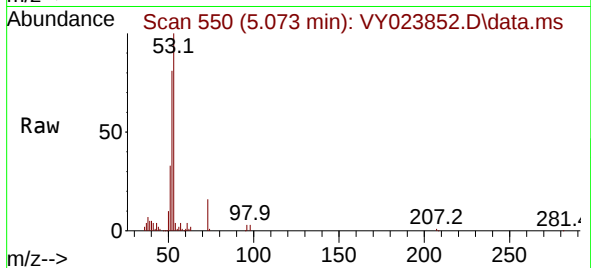
Tgt Ion: 41 Resp: 146864
Ion Ratio Lower Upper
41 100
39 68.9 54.1 81.1
76 37.2 31.0 46.6



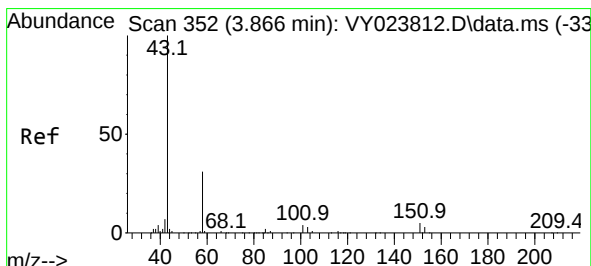
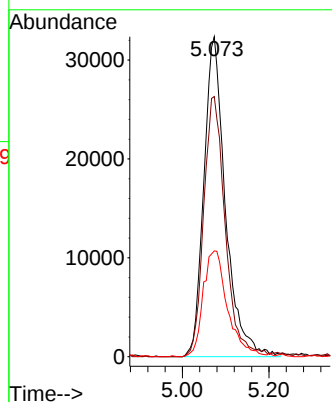
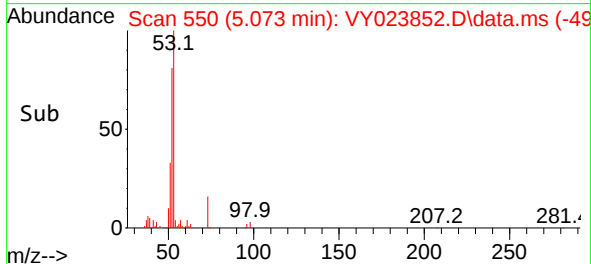


#15
Acrylonitrile
Concen: 99.238 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

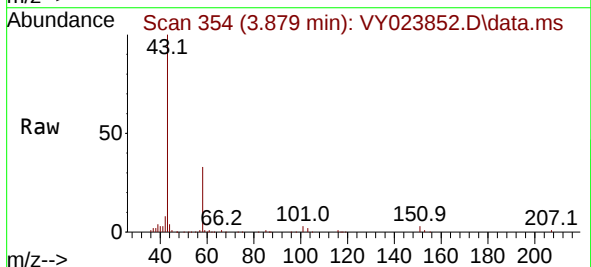
Instrument :
MSVOA_Y
ClientSampleId :



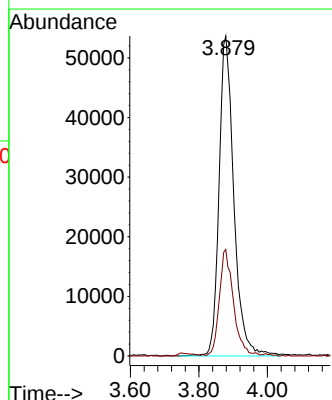
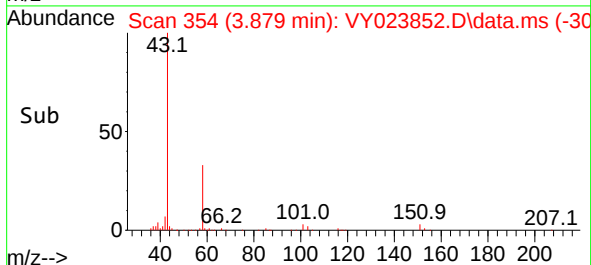
Tgt Ion: 53 Resp: 112224
Ion Ratio Lower Upper
53 100
52 81.0 64.0 96.0
51 37.3 28.7 43.1

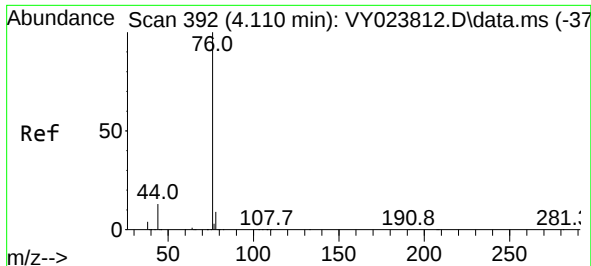


#16
Acetone
Concen: 115.586 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16



Tgt Ion: 43 Resp: 160001
Ion Ratio Lower Upper
43 100
58 33.2 25.4 38.2

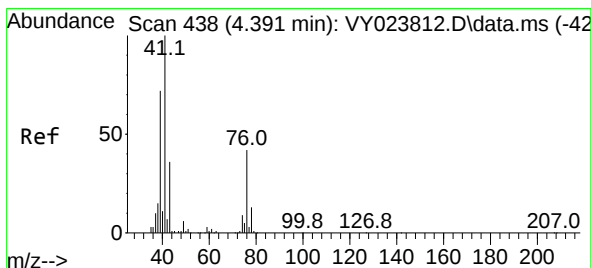
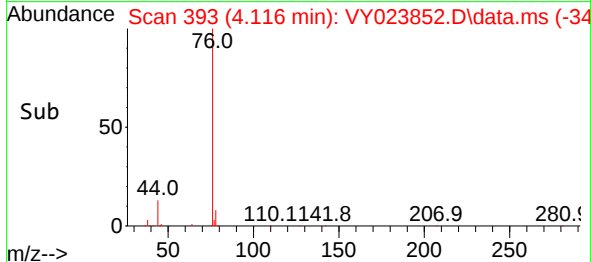
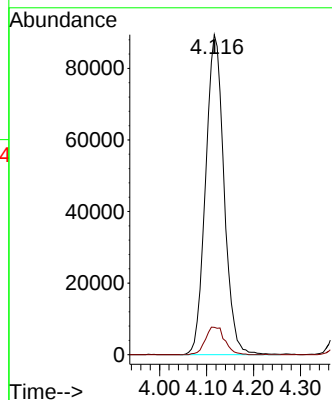
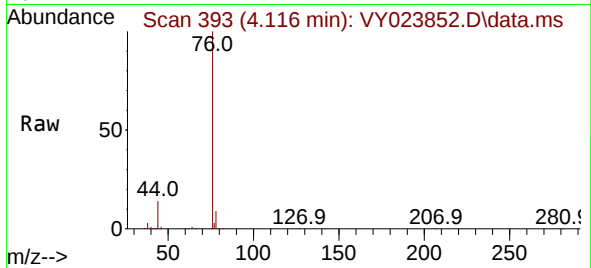




#17
Carbon Disulfide
Concen: 15.765 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

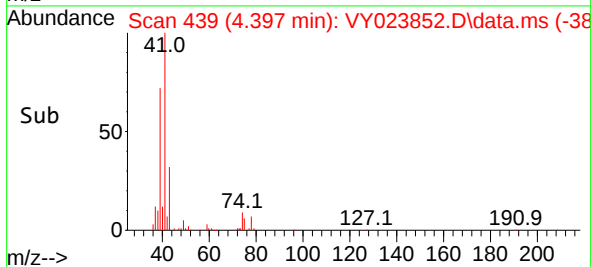
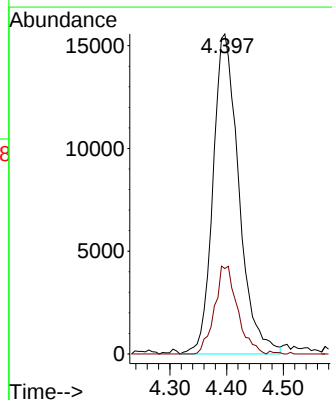
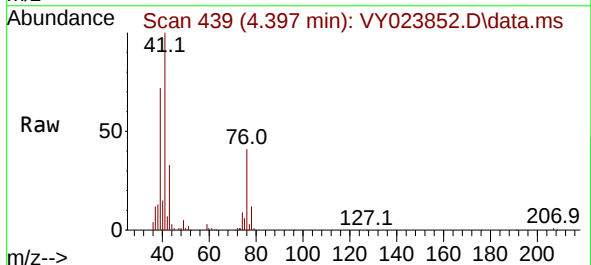
Instrument :
MSVOA_Y
ClientSampleId :

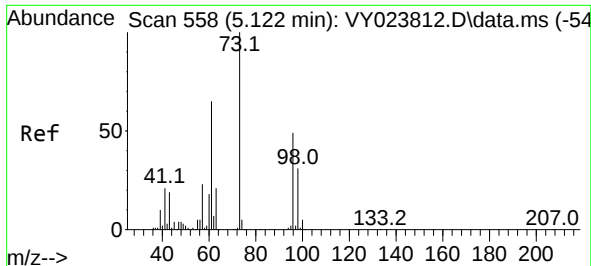
Tgt Ion: 76 Resp: 243031
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 18.453 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 43 Resp: 49331
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.8

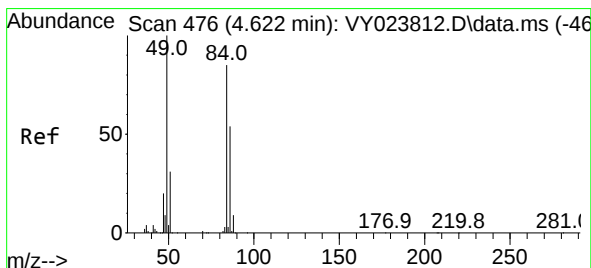
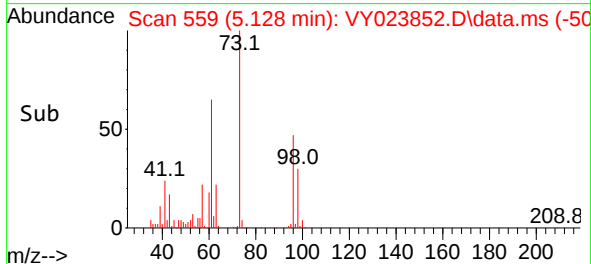
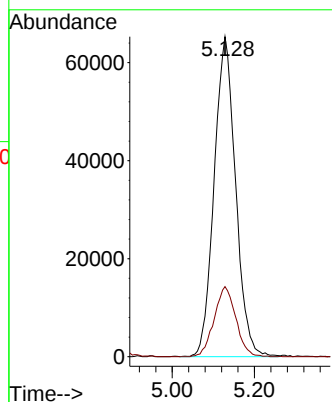
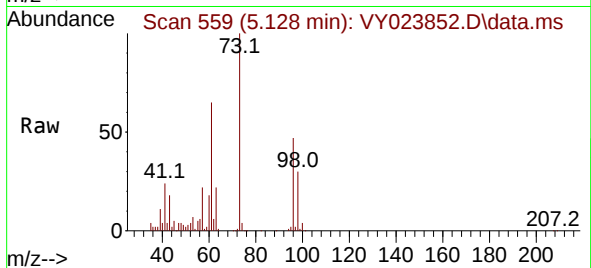




#19
Methyl tert-butyl Ether
Concen: 19.387 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

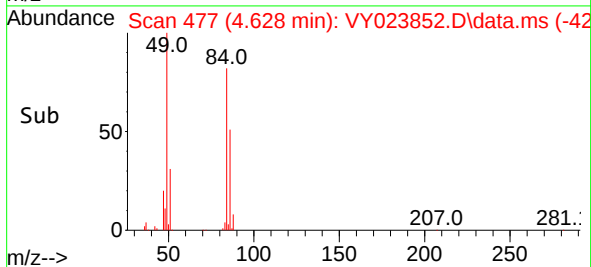
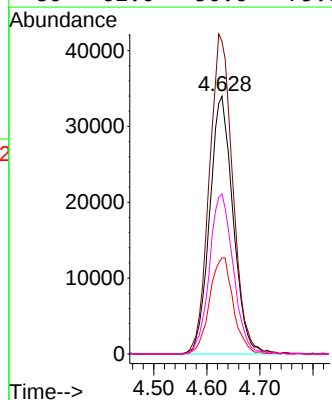
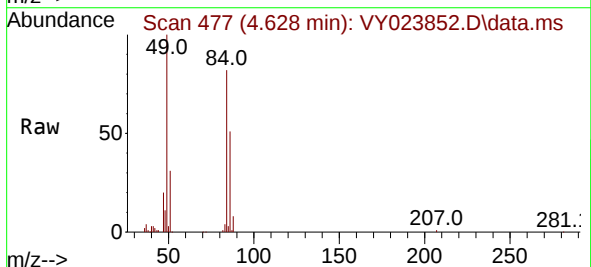
Instrument :
MSVOA_Y
ClientSampleId :

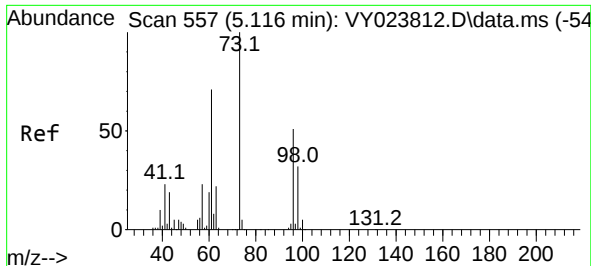
Tgt Ion: 73 Resp: 236654
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6



#20
Methylene Chloride
Concen: 17.821 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

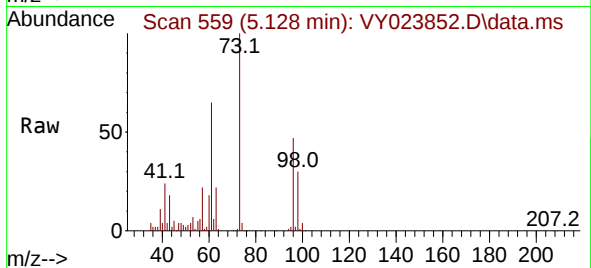
Tgt Ion: 84 Resp: 104290
Ion Ratio Lower Upper
84 100
49 121.3 94.0 141.0
51 37.3 29.2 43.8
86 62.0 50.6 75.8



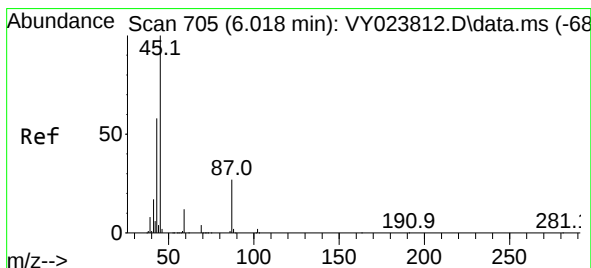
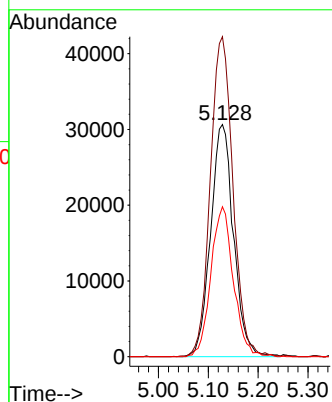
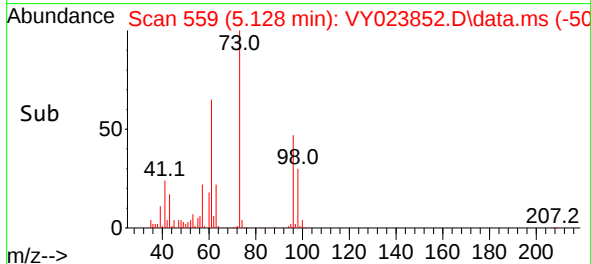


#21
trans-1,2-Dichloroethene
Concen: 18.512 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

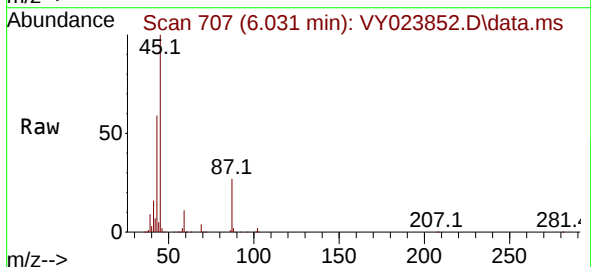
Instrument :
MSVOA_Y
ClientSampleId :



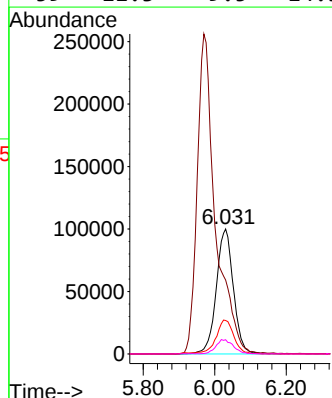
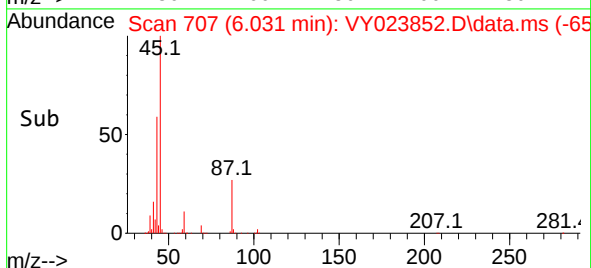
Tgt Ion: 96 Resp: 97906
Ion Ratio Lower Upper
96 100
61 137.5 111.2 166.8
98 64.6 50.5 75.7

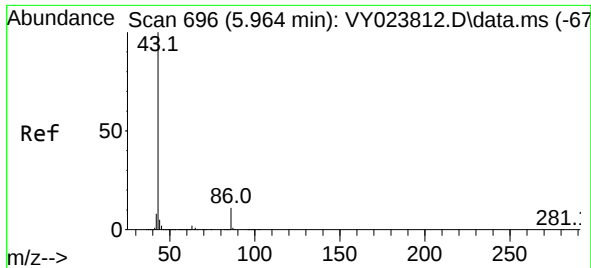


#22
Diisopropyl ether
Concen: 20.256 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.012 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16



Tgt Ion: 45 Resp: 331433
Ion Ratio Lower Upper
45 100
43 59.0 46.4 69.6
87 26.7 22.1 33.1
59 11.3 9.5 14.3

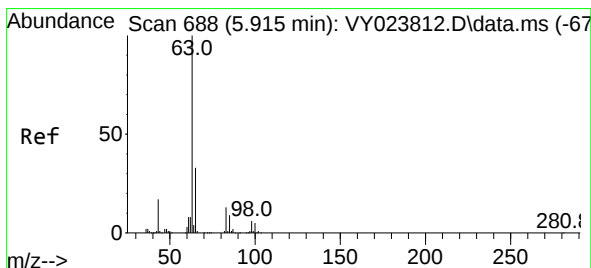
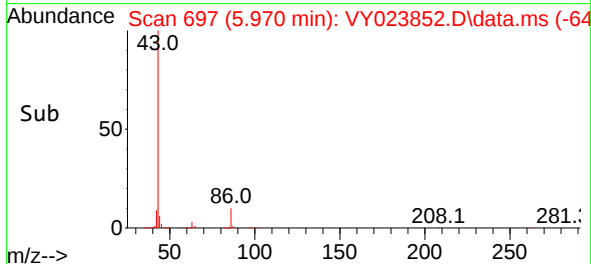
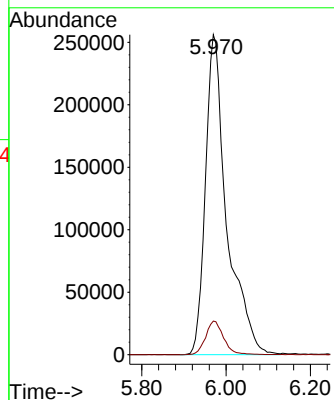
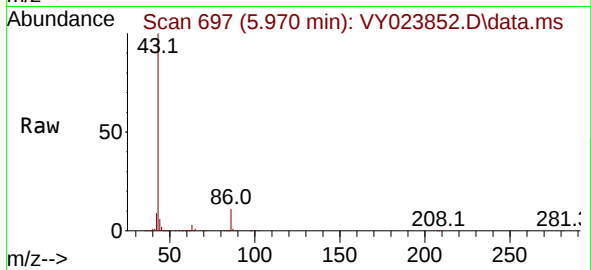




#23
 Vinyl Acetate
 Concen: 99.170 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY023852.D
 Acq: 02 Dec 2025 11:16

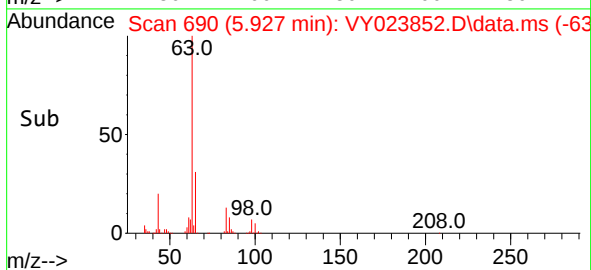
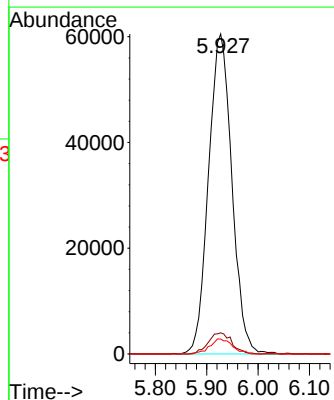
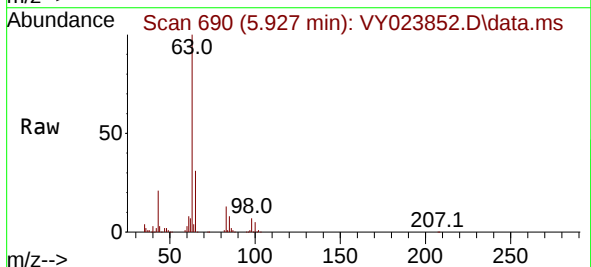
Instrument :
 MSVOA_Y
 ClientSampleId :

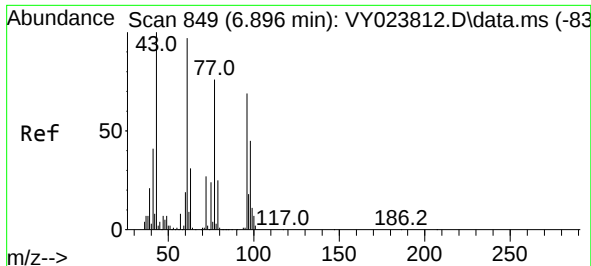
Tgt Ion: 43 Resp: 902329
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.835 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY023852.D
 Acq: 02 Dec 2025 11:16

Tgt Ion: 63 Resp: 190926
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.8
 100 4.6 2.3 6.9





#25

2-Butanone

Concen: 112.213 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

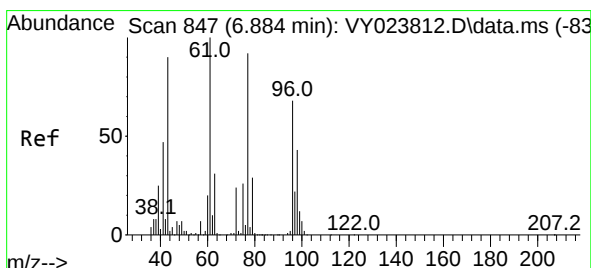
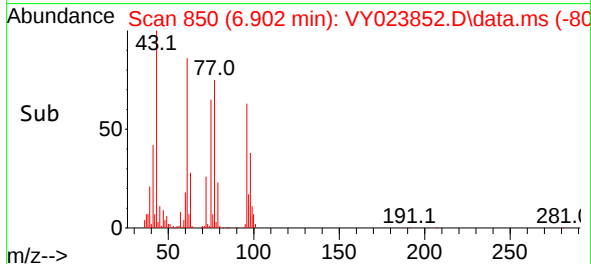
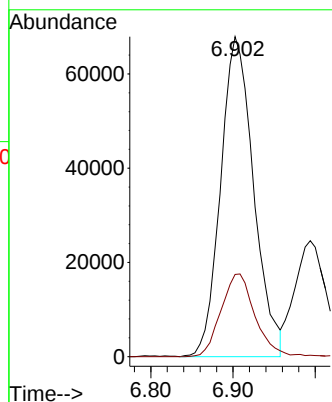
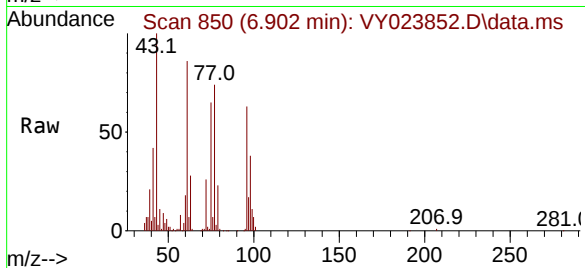
ClientSampleId :

Tgt Ion: 43 Resp: 189565

Ion Ratio Lower Upper

43 100

72 25.7 21.3 31.9



#26

2,2-Dichloropropane

Concen: 19.622 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023852.D

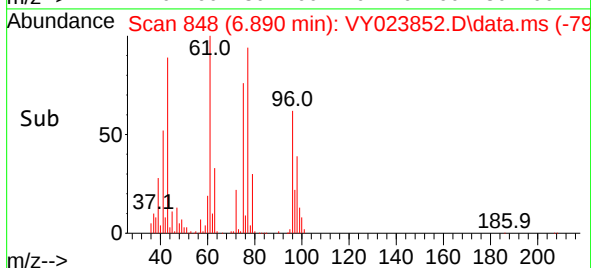
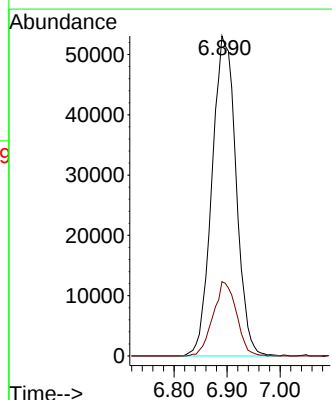
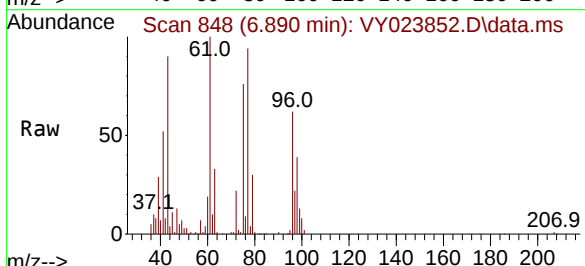
Acq: 02 Dec 2025 11:16

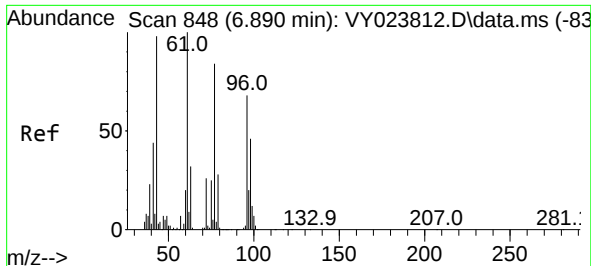
Tgt Ion: 77 Resp: 167413

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 18.771 ug/l

RT: 6.902 min Scan# 81

Delta R.T. 0.012 min

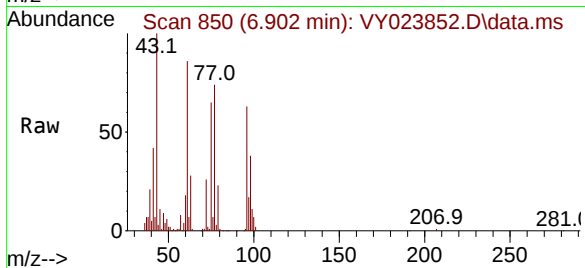
Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :



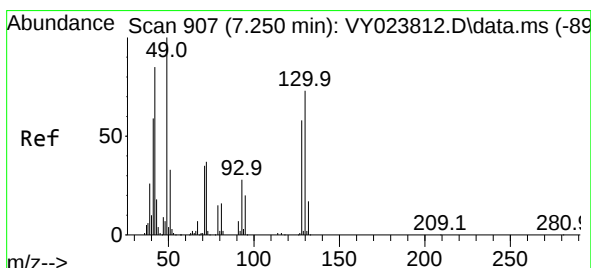
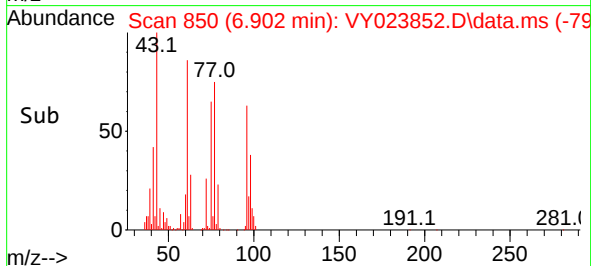
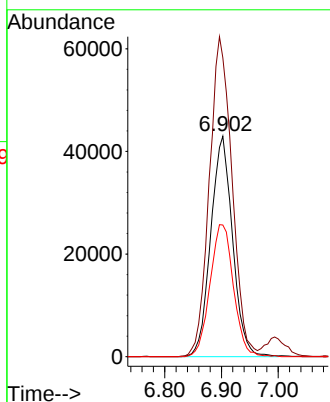
Tgt Ion: 96 Resp: 115286

Ion Ratio Lower Upper

96 100

61 150.4 0.0 291.2

98 64.2 0.0 128.6



#28

Bromochloromethane

Concen: 20.630 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

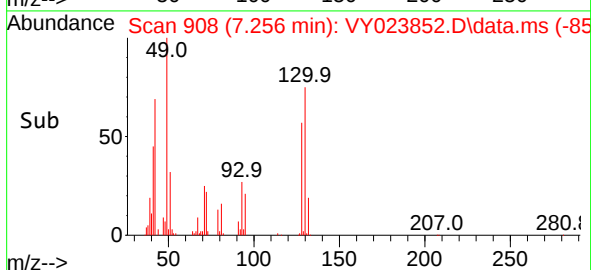
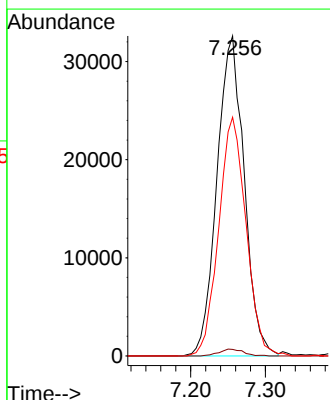
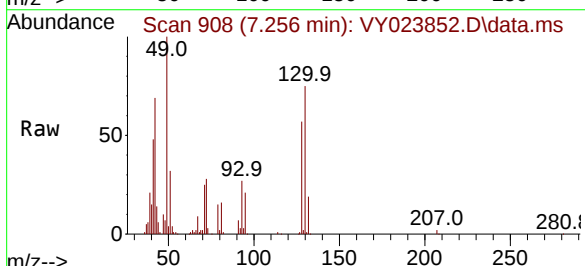
Tgt Ion: 49 Resp: 82601

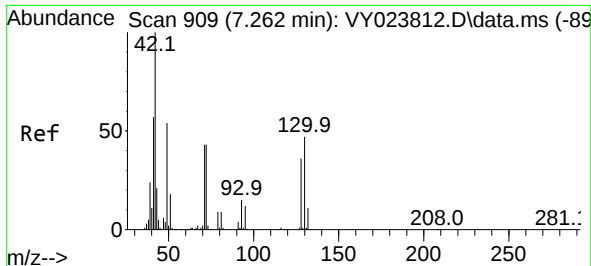
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 74.8 61.4 92.2





#29

Tetrahydrofuran

Concen: 96.888 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

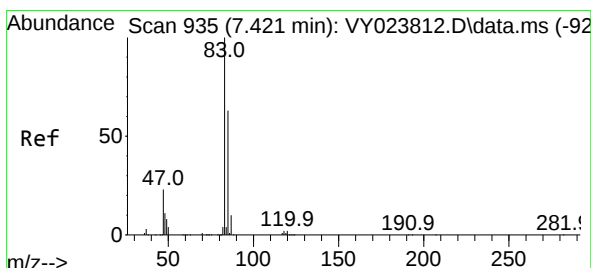
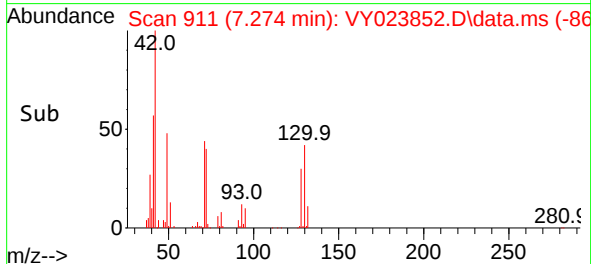
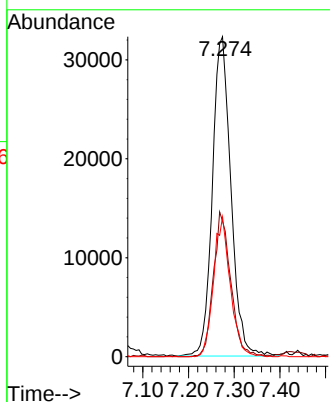
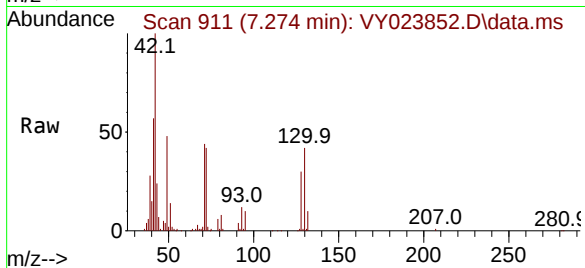
Tgt Ion: 42 Resp: 91290

Ion Ratio Lower Upper

42 100

72 42.4 35.9 53.9

71 39.8 33.3 49.9



#30

Chloroform

Concen: 19.775 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023852.D

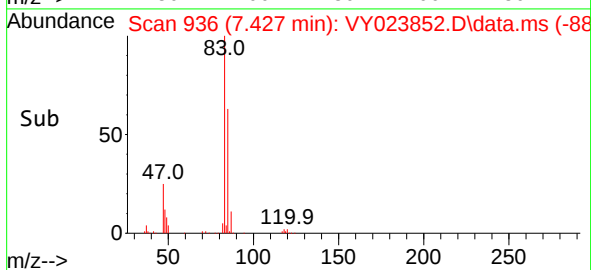
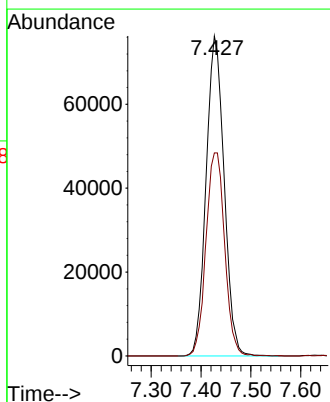
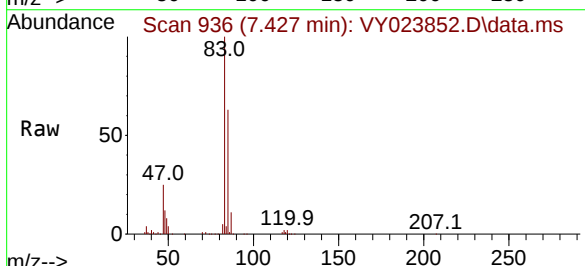
Acq: 02 Dec 2025 11:16

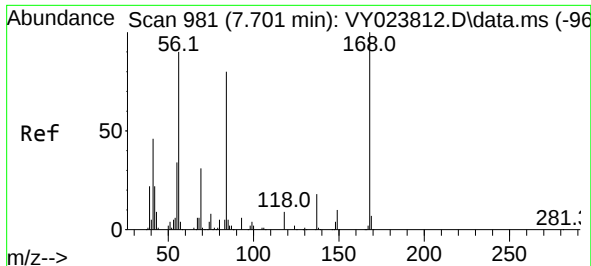
Tgt Ion: 83 Resp: 191399

Ion Ratio Lower Upper

83 100

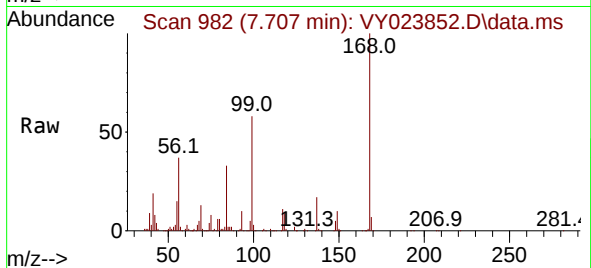
85 63.5 50.6 76.0



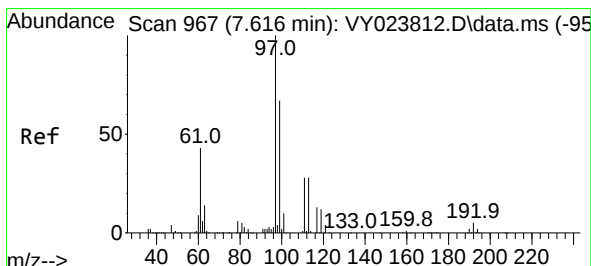
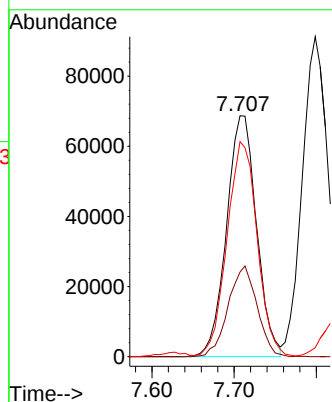
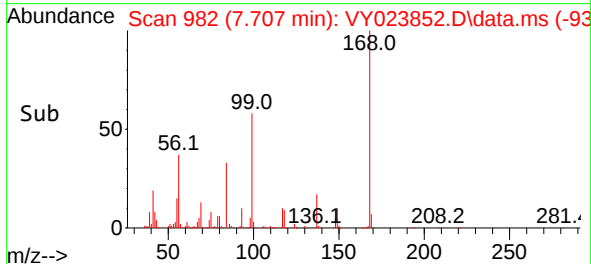


#31
Cyclohexane
Concen: 18.895 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :

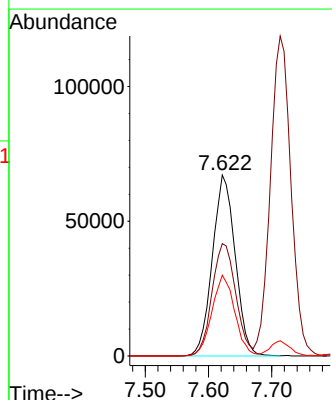
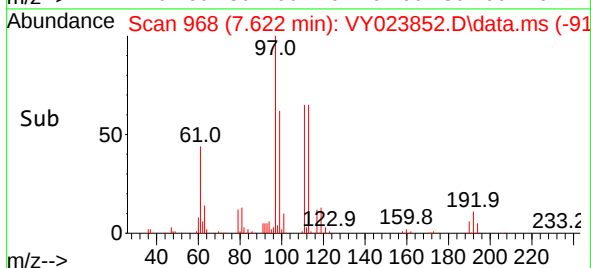
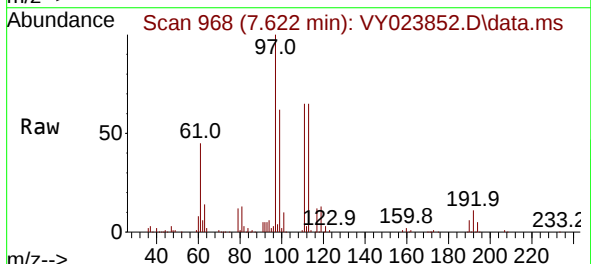


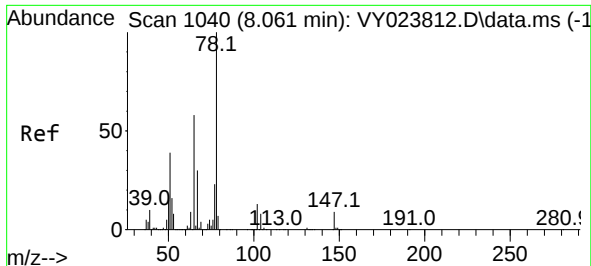
Tgt Ion: 56 Resp: 174532
Ion Ratio Lower Upper
56 100
69 35.1 27.8 41.6
84 88.1 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 19.575 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 97 Resp: 168181
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 44.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.834 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

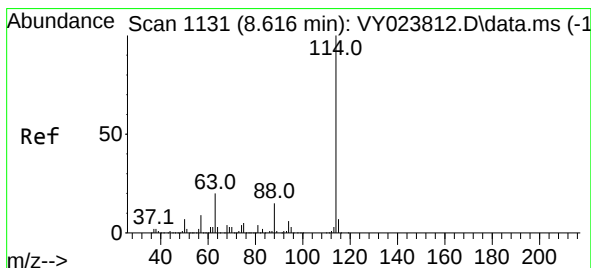
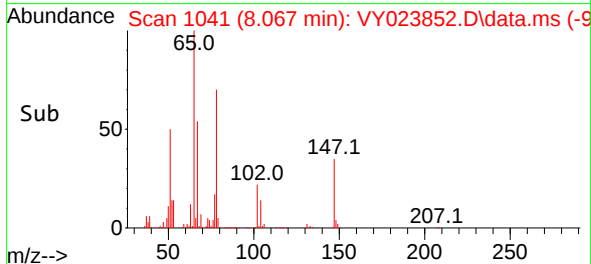
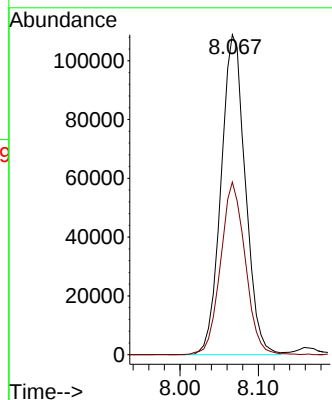
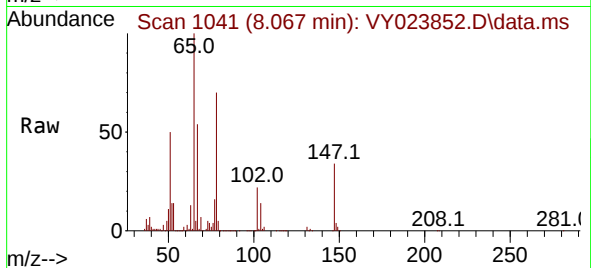
ClientSampleId :

Tgt Ion: 65 Resp: 234624

Ion Ratio Lower Upper

65 100

67 54.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

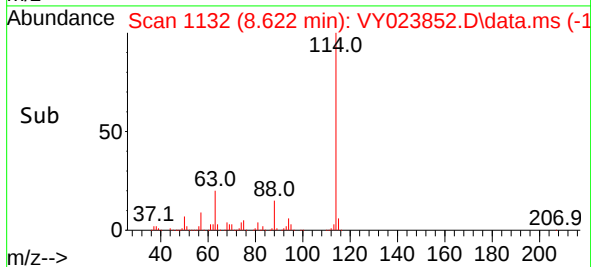
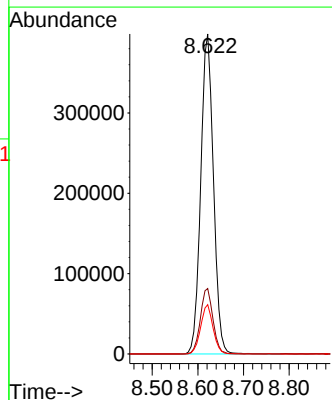
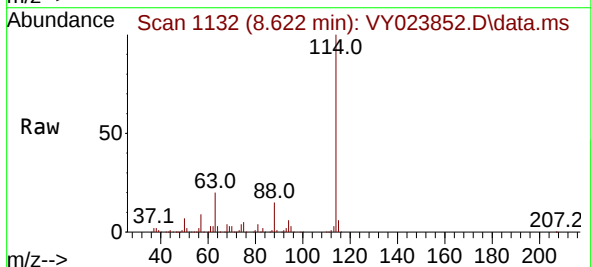
Tgt Ion: 114 Resp: 766075

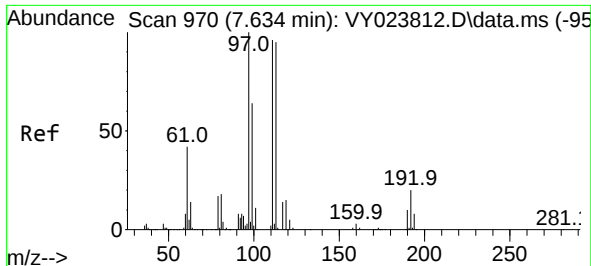
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.4

88 15.4 0.0 30.8

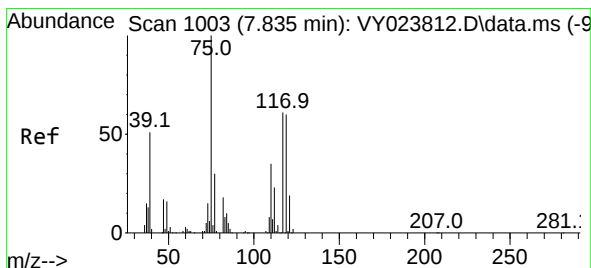
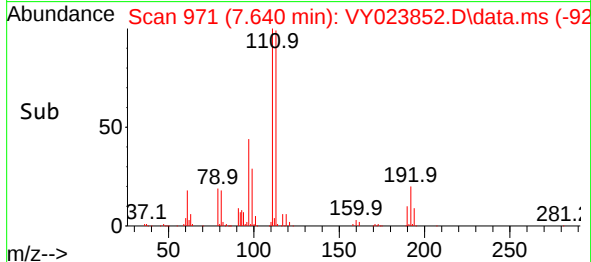
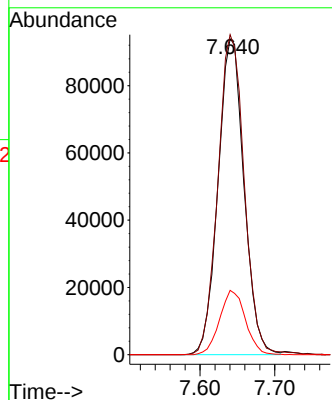
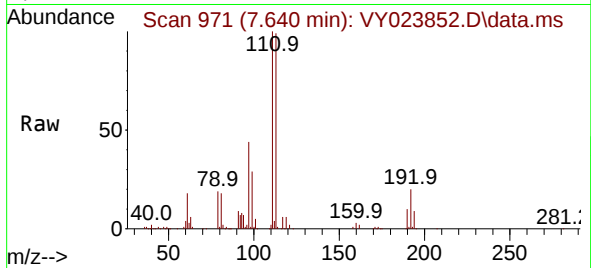




#35
Dibromofluoromethane
Concen: 49.879 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

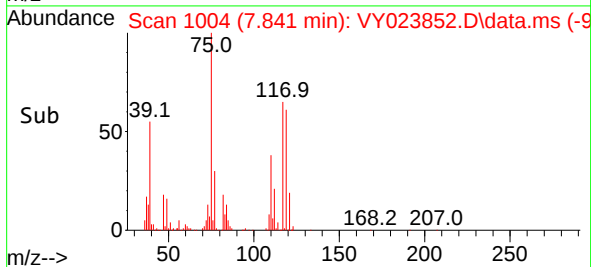
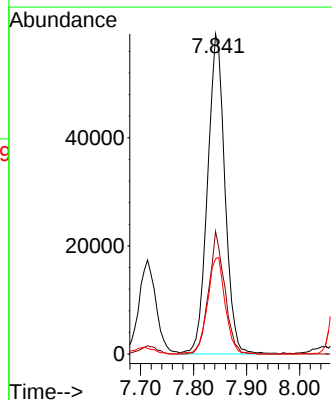
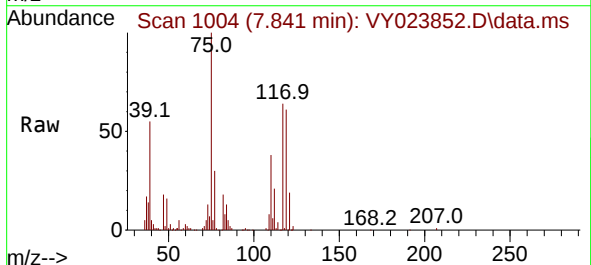
Instrument :
MSVOA_Y
ClientSampleId :

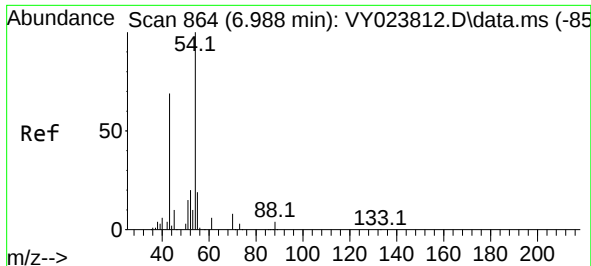
Tgt Ion:113 Resp: 226358
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 20.2 15.8 23.8



#36
1,1-Dichloropropene
Concen: 19.354 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 75 Resp: 134671
Ion Ratio Lower Upper
75 100
110 35.2 17.6 52.8
77 30.8 24.9 37.3





#37

Ethyl Acetate

Concen: 21.253 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

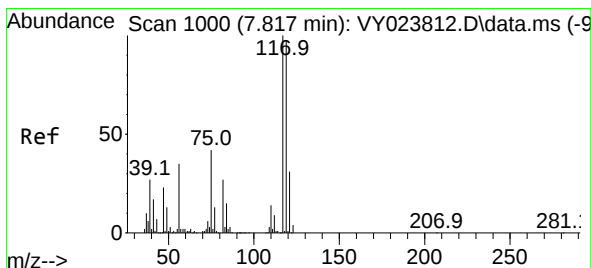
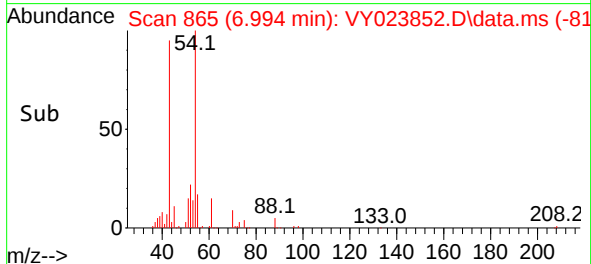
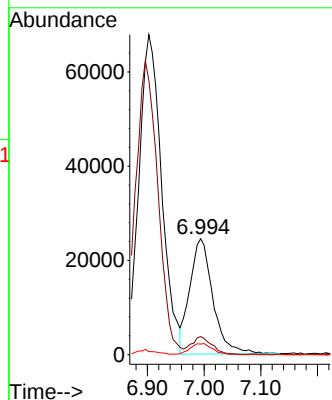
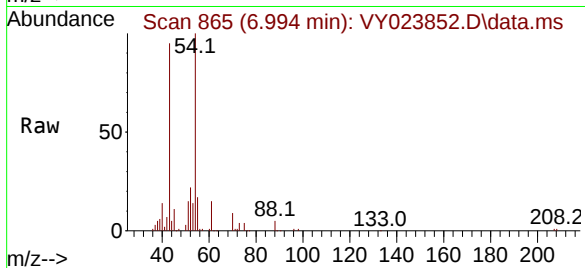
Tgt Ion: 43 Resp: 69557

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

70 9.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.961 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

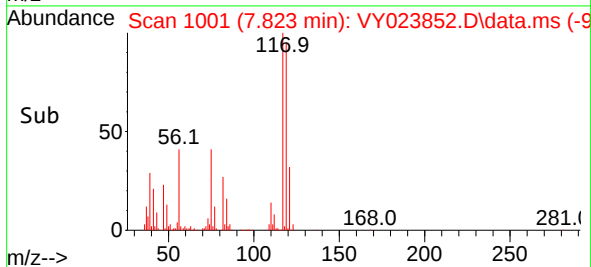
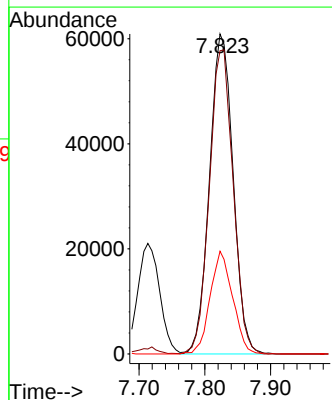
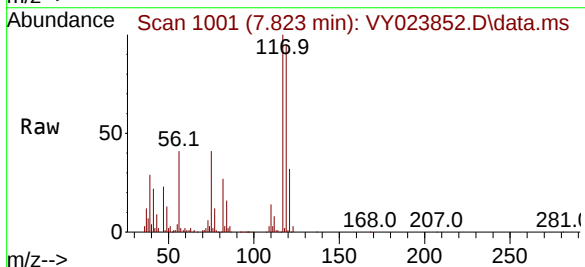
Tgt Ion: 117 Resp: 152455

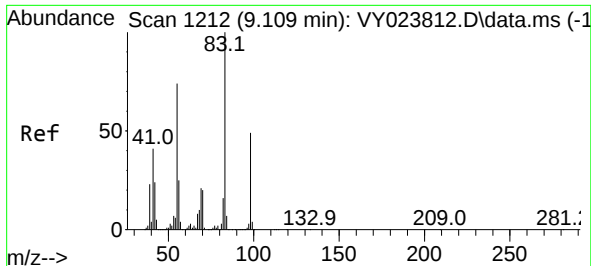
Ion Ratio Lower Upper

117 100

119 94.7 77.3 115.9

121 32.1 25.0 37.6





#39

Methylcyclohexane

Concen: 18.492 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

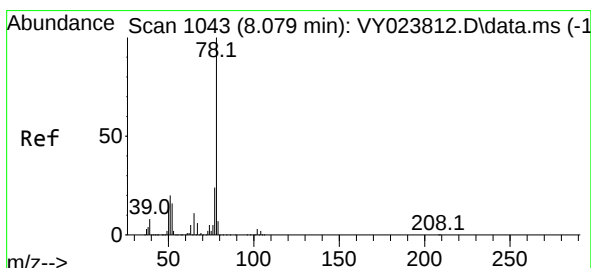
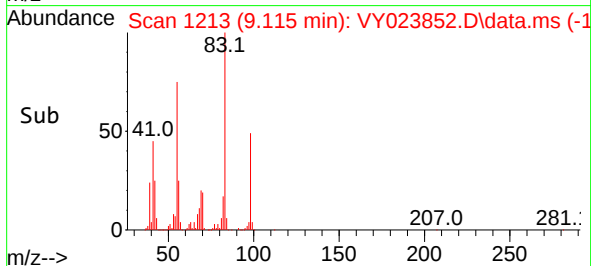
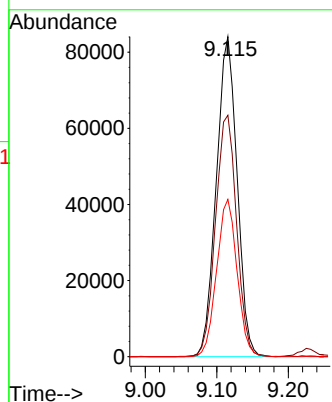
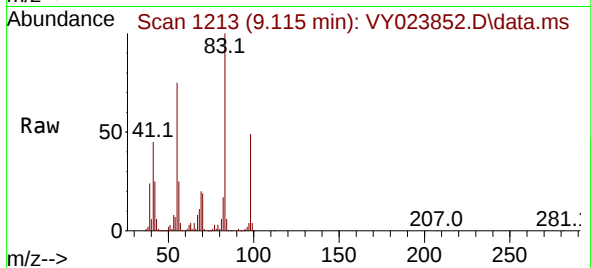
Tgt Ion: 83 Resp: 169932

Ion Ratio Lower Upper

83 100

55 75.4 59.4 89.2

98 49.1 39.5 59.3



#40

Benzene

Concen: 19.671 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023852.D

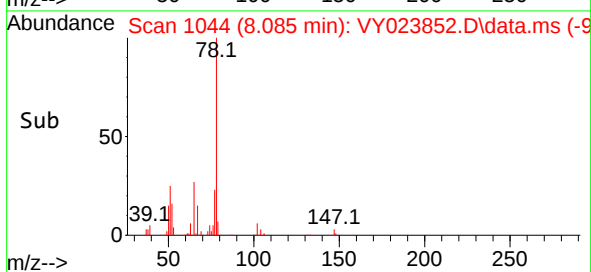
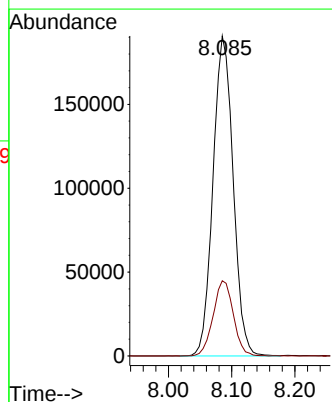
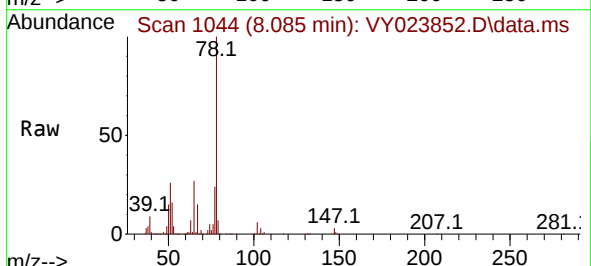
Acq: 02 Dec 2025 11:16

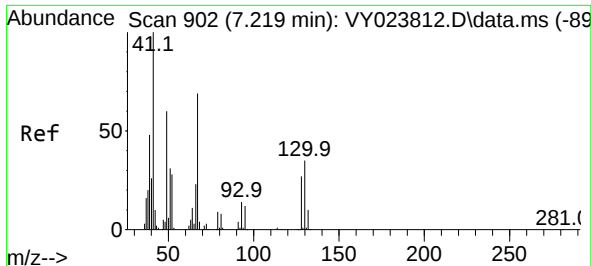
Tgt Ion: 78 Resp: 421204

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

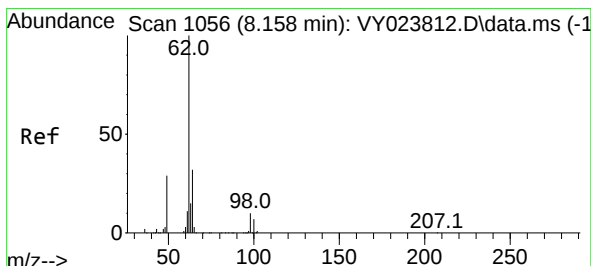
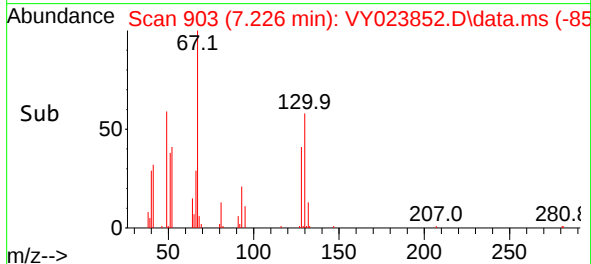
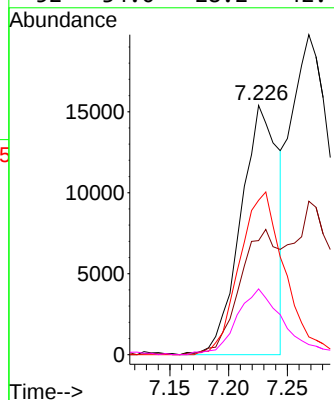
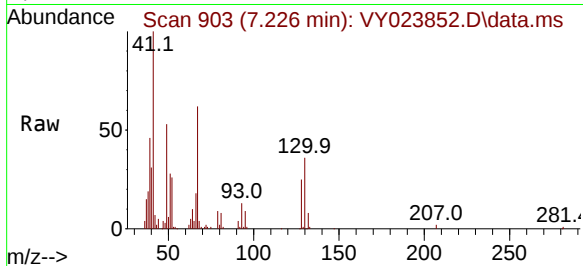




#41
Methacrylonitrile
Concen: 20.923 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

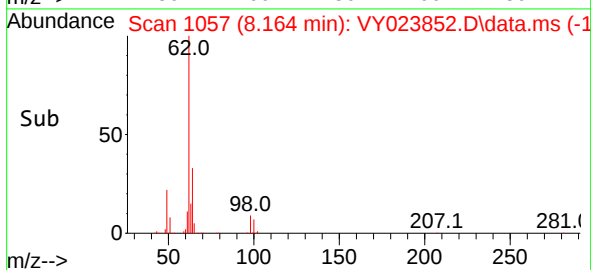
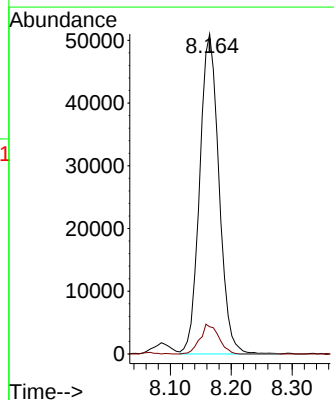
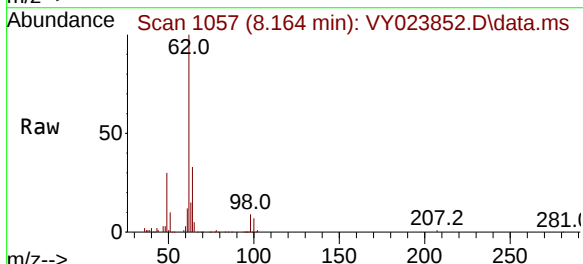
Instrument :
MSVOA_Y
ClientSampleId :

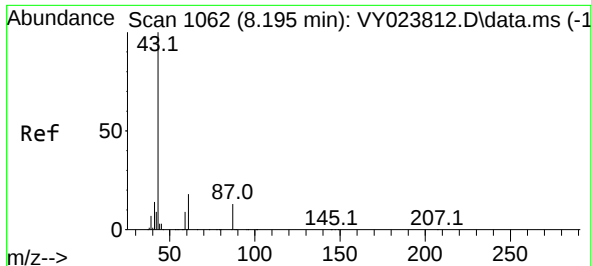
Tgt Ion: 41	Resp: 34188
Ion Ratio	Lower Upper
41 100	
39 52.4	40.6 61.0
67 79.3	67.9 101.9
52 34.0	28.2 42.4



#42
1,2-Dichloroethane
Concen: 20.364 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 62	Resp: 112414
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.8

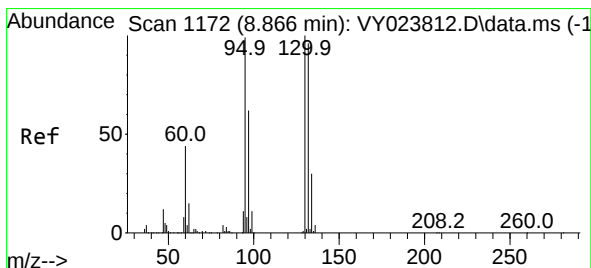
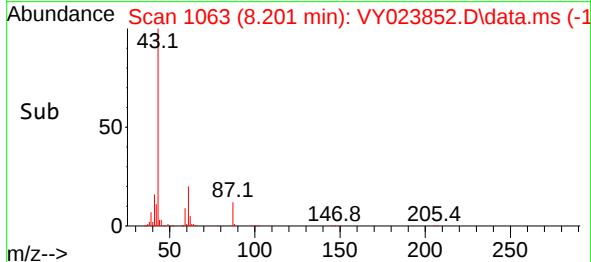
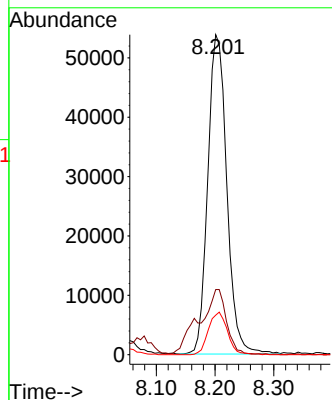
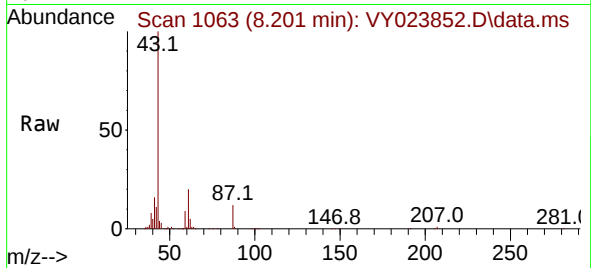




#43
Isopropyl Acetate
Concen: 19.803 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

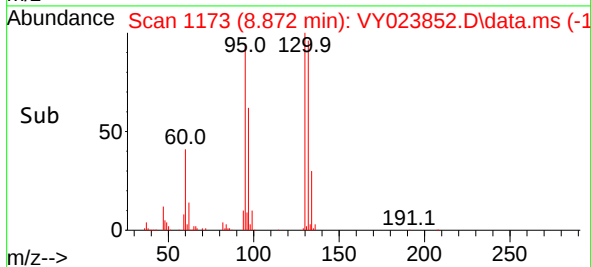
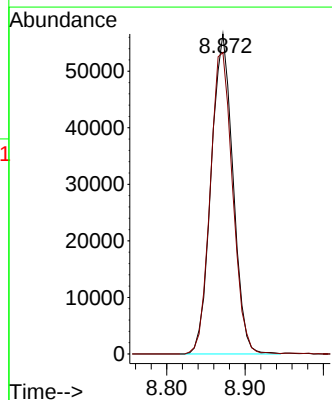
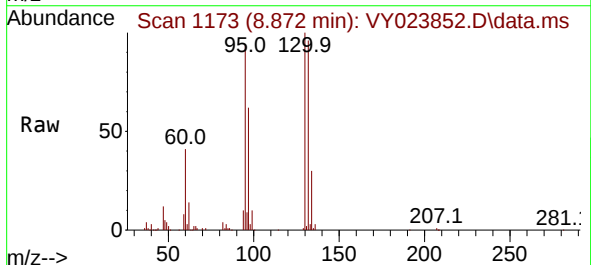
Instrument :
MSVOA_Y
ClientSampleId :

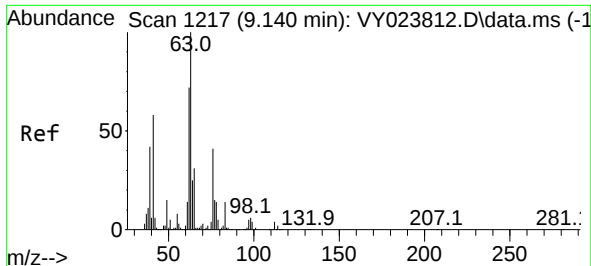
Tgt Ion: 43 Resp: 121119
Ion Ratio Lower Upper
43 100
61 20.3 24.3 36.5#
87 13.3 11.0 16.4



#44
Trichloroethene
Concen: 19.916 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion:130 Resp: 109415
Ion Ratio Lower Upper
130 100
95 94.2 0.0 197.8





#45

1,2-Dichloropropane

Concen: 19.979 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

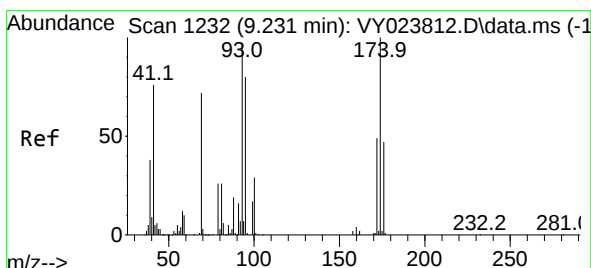
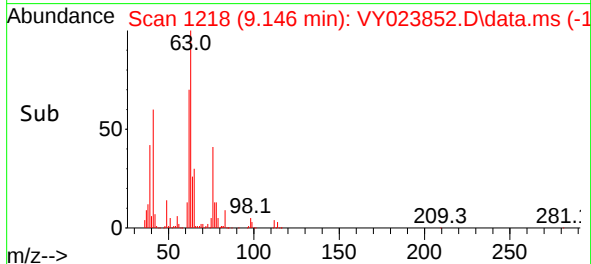
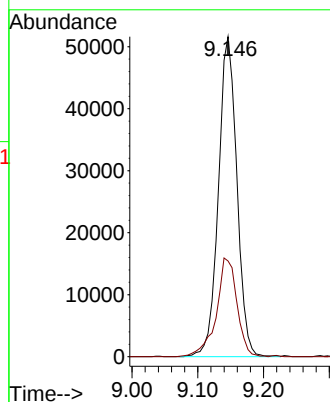
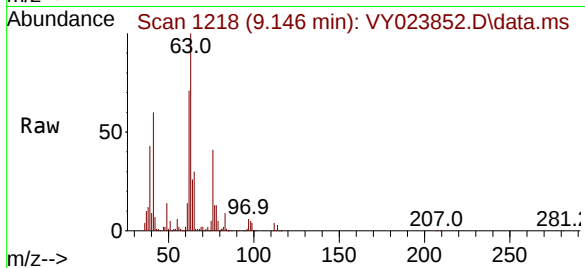
ClientSampleId :

Tgt Ion: 63 Resp: 100864

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.6



#46

Dibromomethane

Concen: 20.037 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

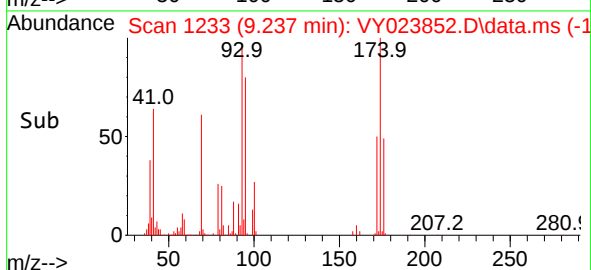
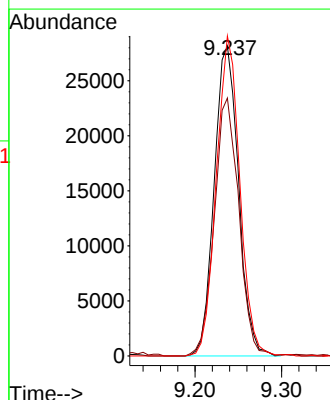
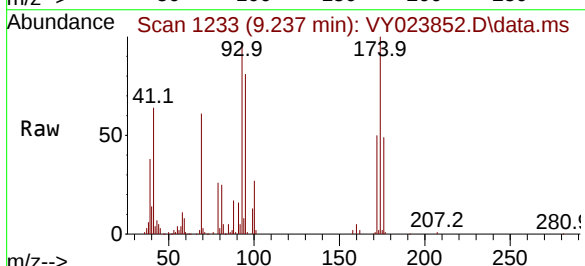
Tgt Ion: 93 Resp: 54890

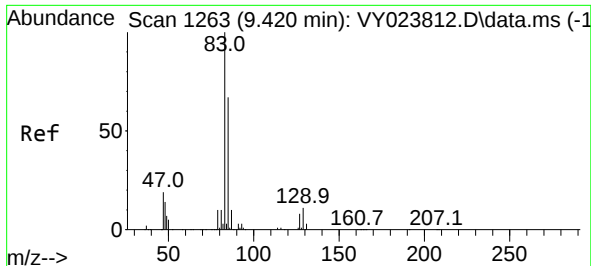
Ion Ratio Lower Upper

93 100

95 83.9 66.6 99.8

174 99.9 80.6 121.0

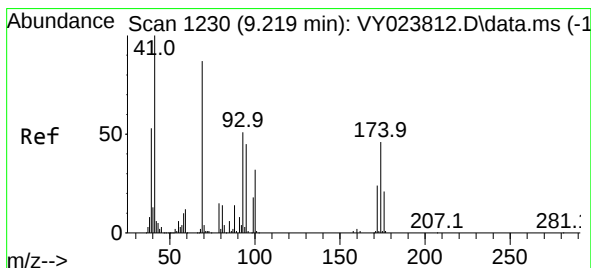
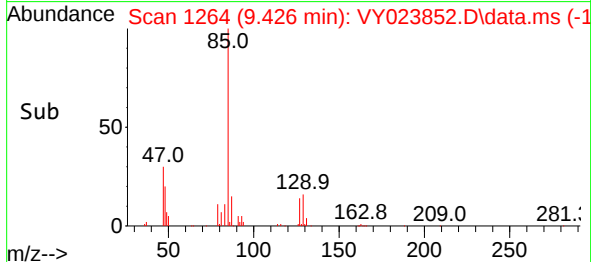
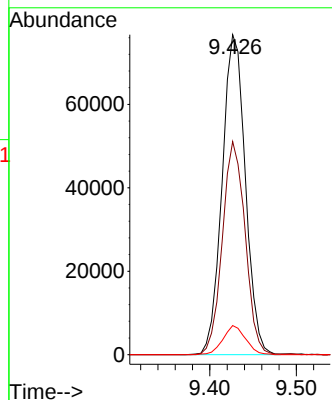
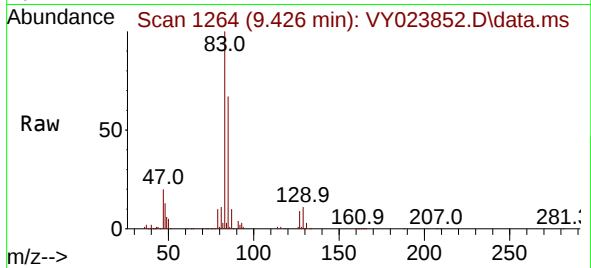




#47
Bromodichloromethane
Concen: 19.980 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

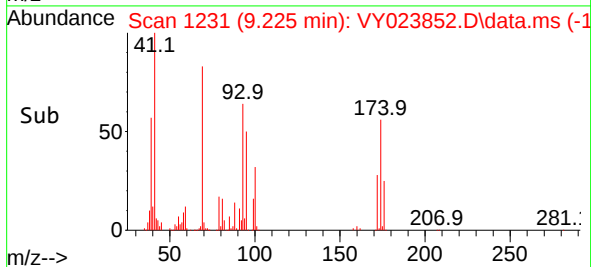
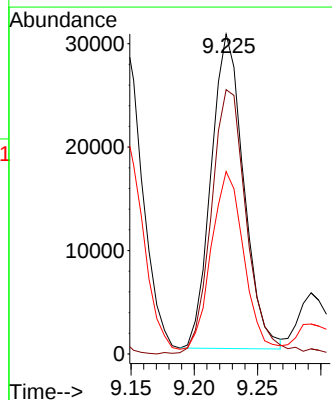
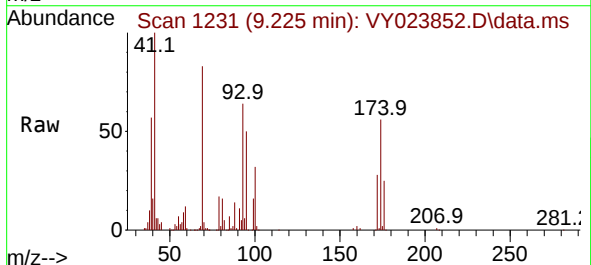
Instrument :
MSVOA_Y
ClientSampleId :

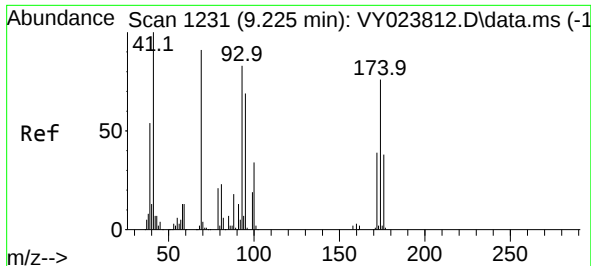
Tgt Ion: 83 Resp: 143043
Ion Ratio Lower Upper
83 100
85 66.6 53.7 80.5
127 9.1 6.6 10.0



#48
Methyl methacrylate
Concen: 18.930 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 41 Resp: 54511
Ion Ratio Lower Upper
41 100
69 91.6 69.1 103.7
39 56.0 41.2 61.8





#49

1,4-Dioxane

Concen: 380.532 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

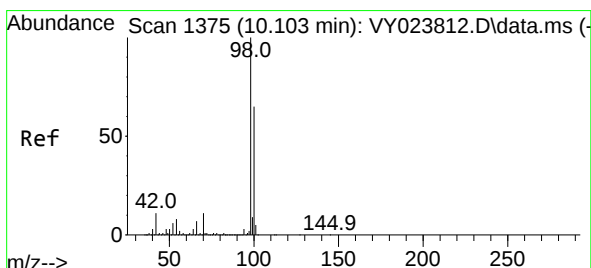
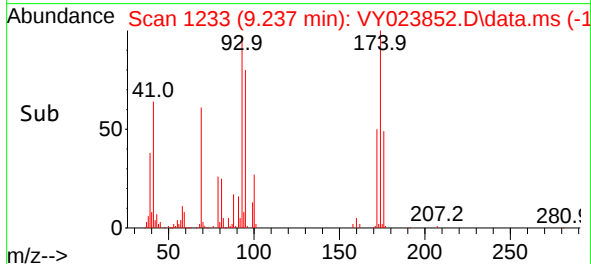
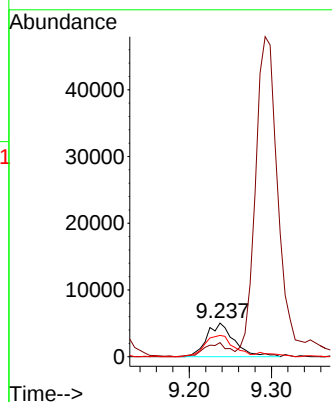
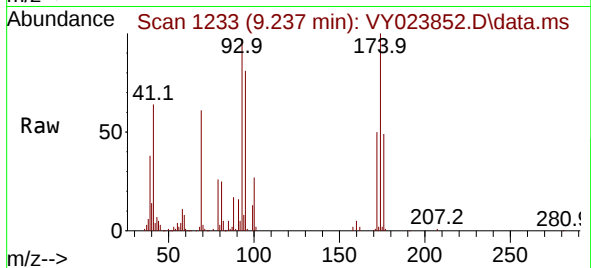
Tgt Ion: 88 Resp: 11683

Ion Ratio Lower Upper

88 100

43 36.4 24.6 37.0

58 66.4 53.4 80.2



#50

Toluene-d8

Concen: 49.694 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023852.D

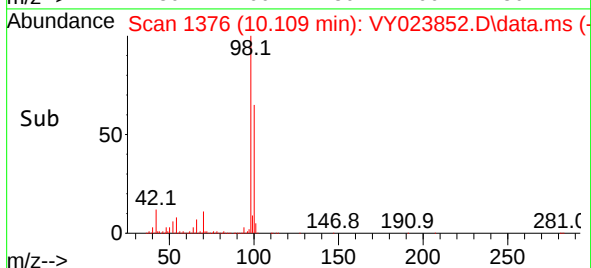
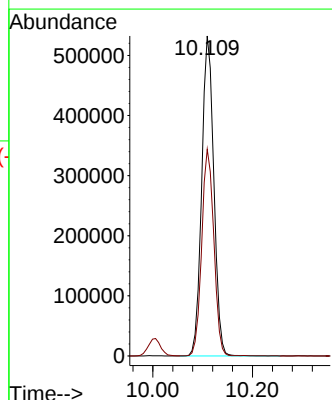
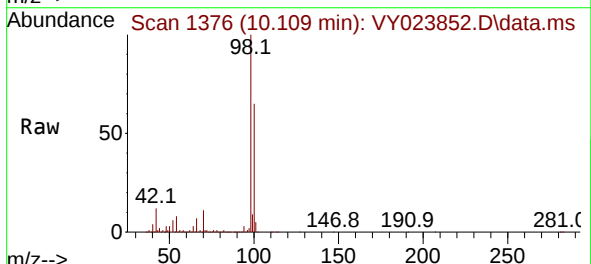
Acq: 02 Dec 2025 11:16

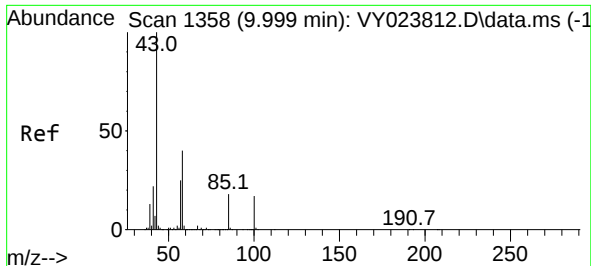
Tgt Ion: 98 Resp: 895767

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 102.075 ug/l

RT: 10.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

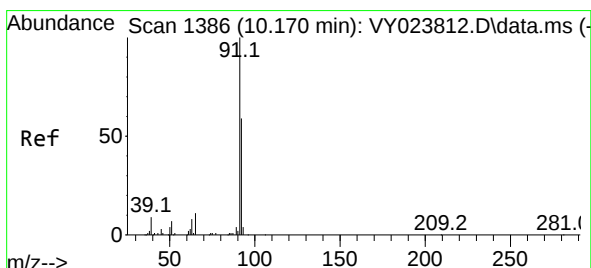
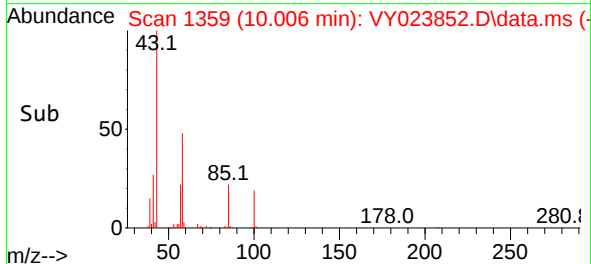
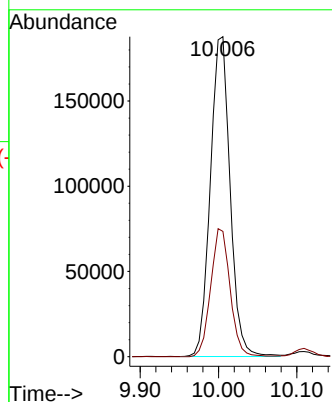
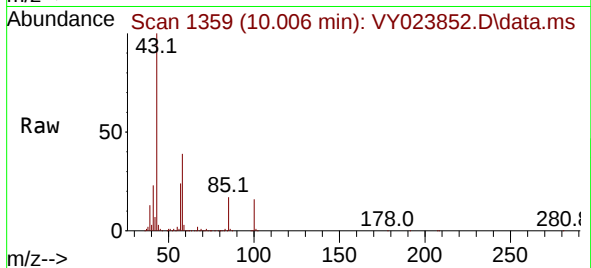
ClientSampleId :

Tgt Ion: 43 Resp: 328658

Ion Ratio Lower Upper

43 100

58 39.4 32.4 48.6



#52

Toluene

Concen: 19.881 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY023852.D

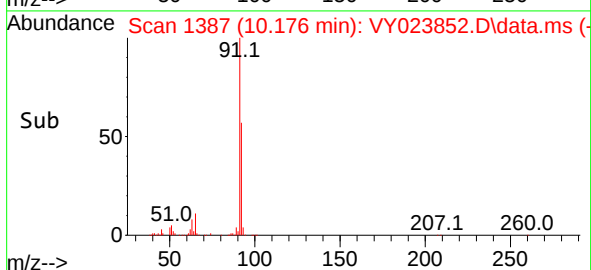
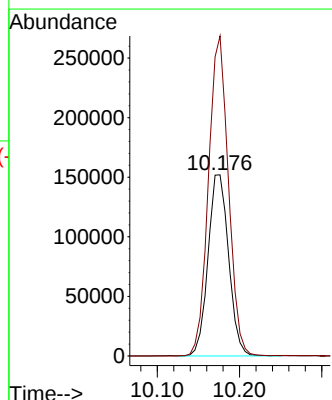
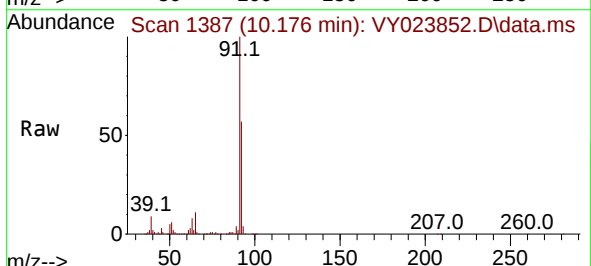
Acq: 02 Dec 2025 11:16

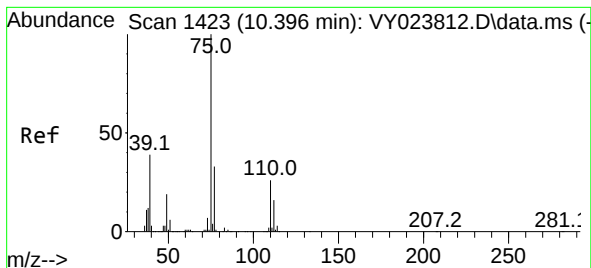
Tgt Ion: 92 Resp: 263911

Ion Ratio Lower Upper

92 100

91 171.3 136.8 205.2

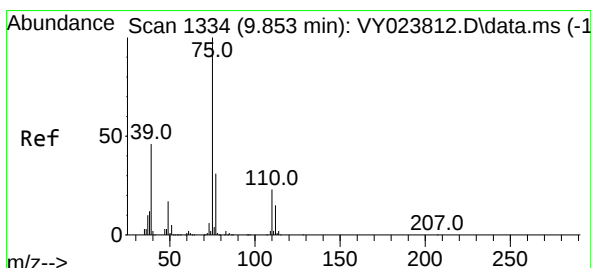
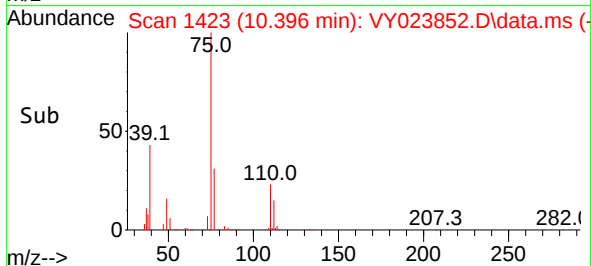
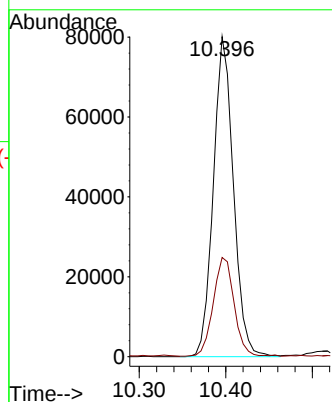
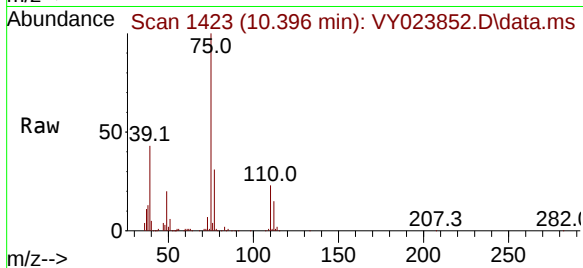




#53
t-1,3-Dichloropropene
Concen: 19.679 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

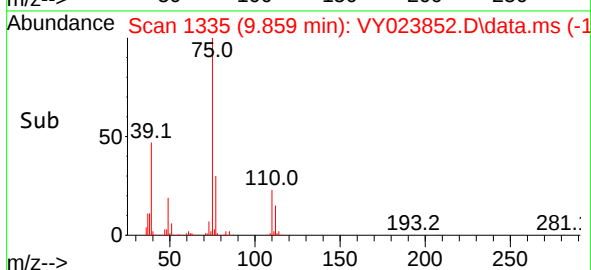
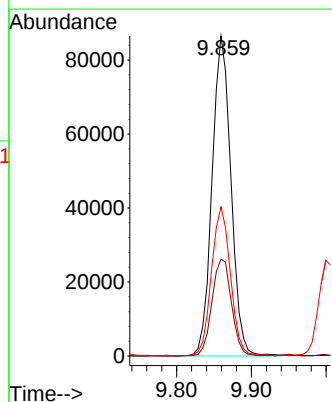
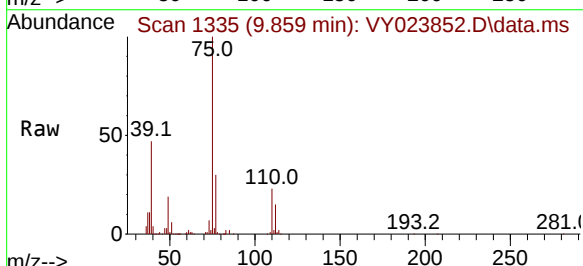
Instrument :
MSVOA_Y
ClientSampleId :

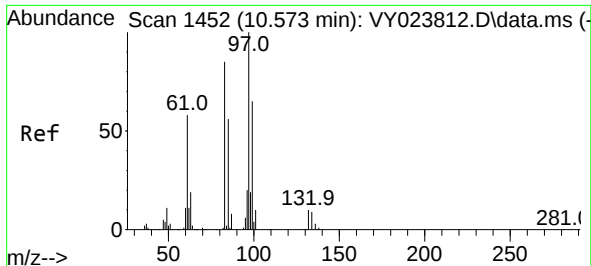
Tgt Ion: 75 Resp: 129059
Ion Ratio Lower Upper
75 100
77 30.9 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 19.412 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 75 Resp: 152390
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2
39 46.4 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 20.762 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

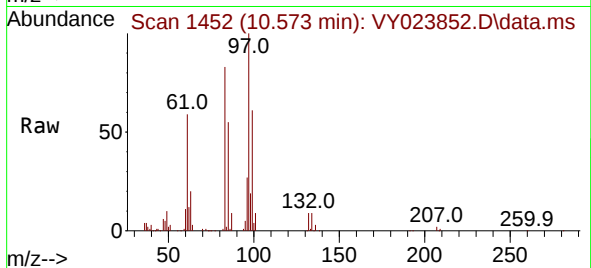
Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 76190

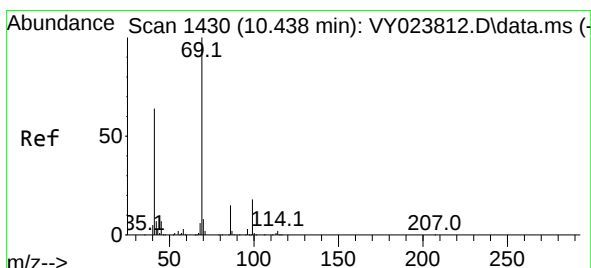
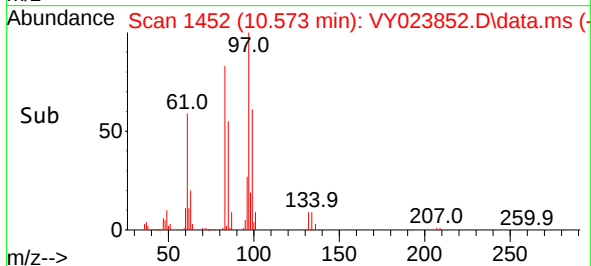
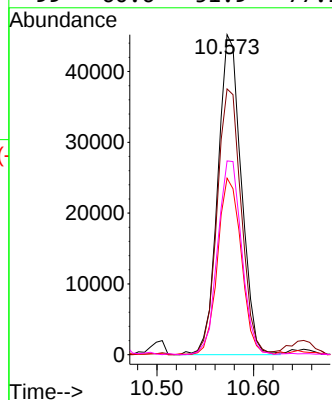
Ion Ratio Lower Upper

97 100

83 83.0 68.1 102.1

85 54.9 45.0 67.4

99 60.6 51.9 77.9



#56

Ethyl methacrylate

Concen: 18.796 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

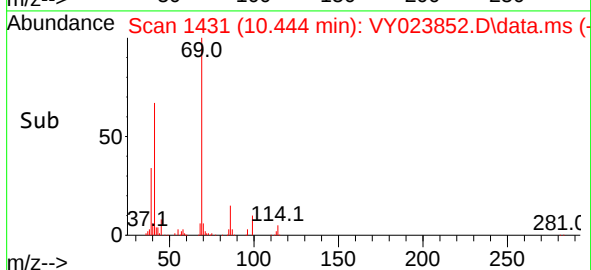
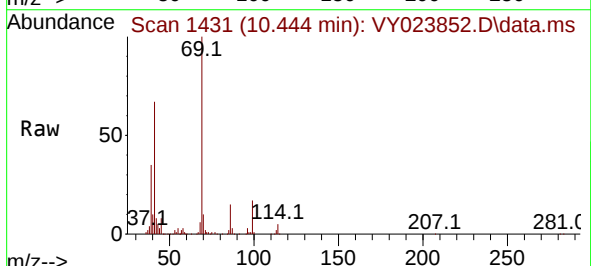
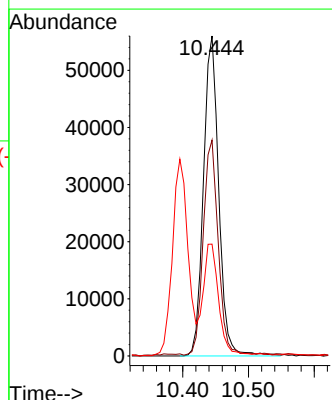
Tgt Ion: 69 Resp: 90565

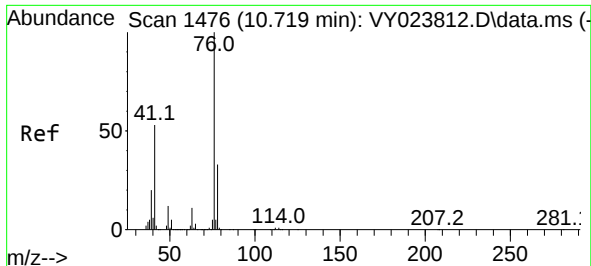
Ion Ratio Lower Upper

69 100

41 65.9 50.9 76.3

39 34.7 26.6 40.0





#57

1,3-Dichloropropane

Concen: 19.860 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

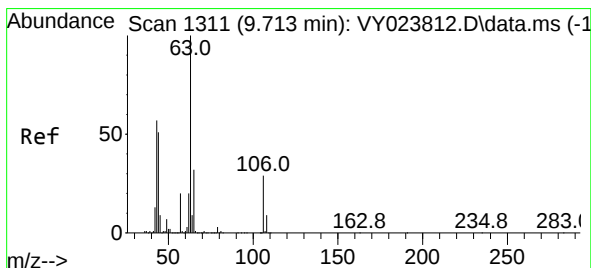
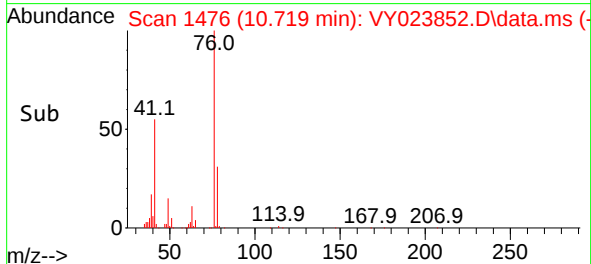
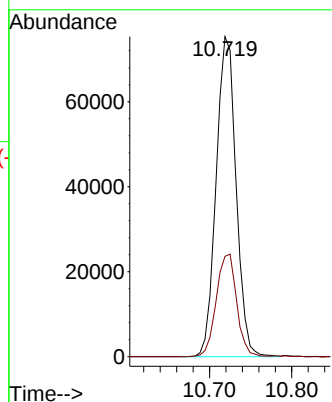
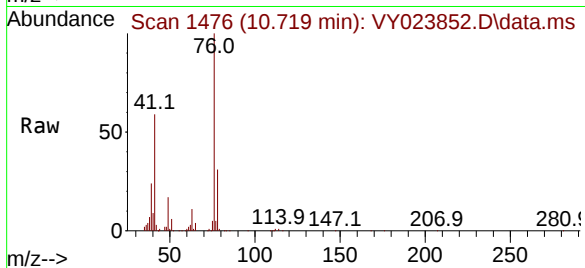
ClientSampleId :

Tgt Ion: 76 Resp: 127136

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 104.530 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023852.D

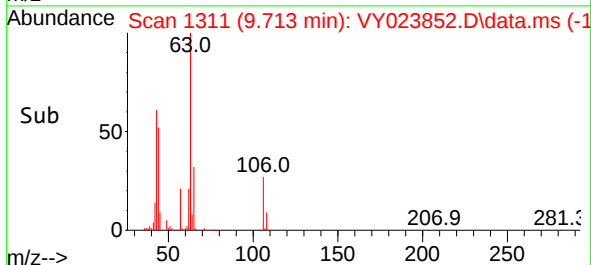
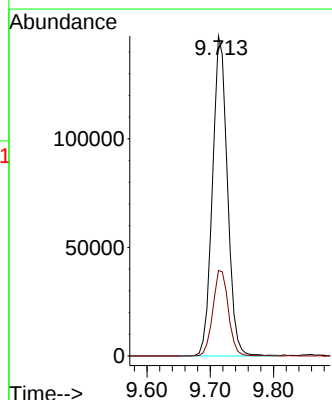
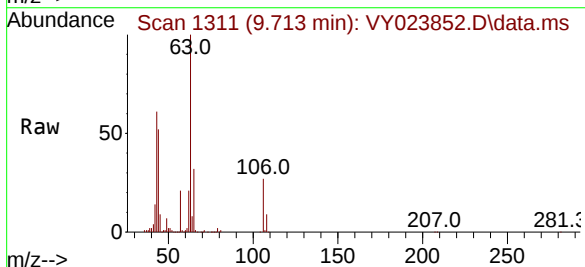
Acq: 02 Dec 2025 11:16

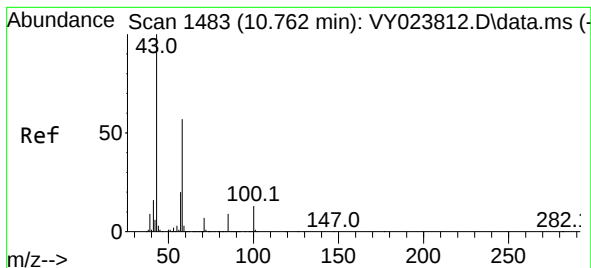
Tgt Ion: 63 Resp: 241961

Ion Ratio Lower Upper

63 100

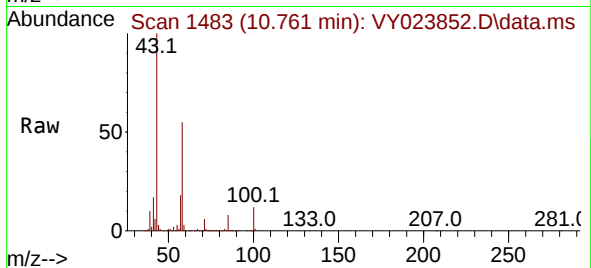
106 27.5 22.2 33.2



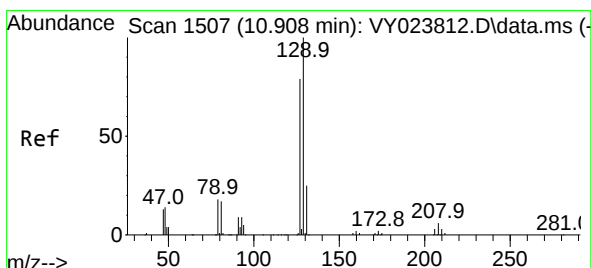
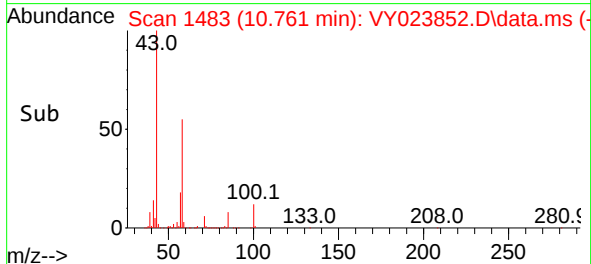
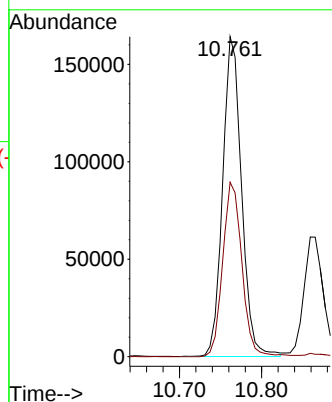


#59
2-Hexanone
Concen: 109.983 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Instrument :
MSVOA_Y
ClientSampleId :

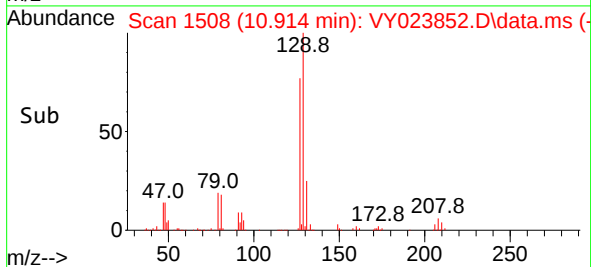
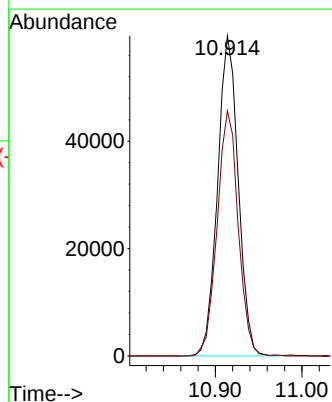
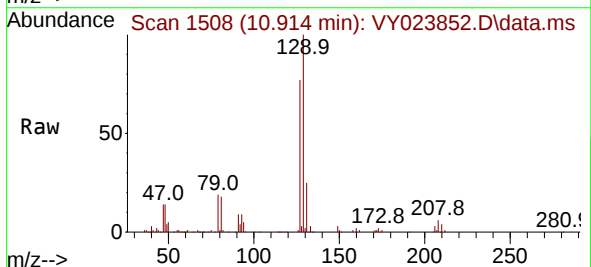


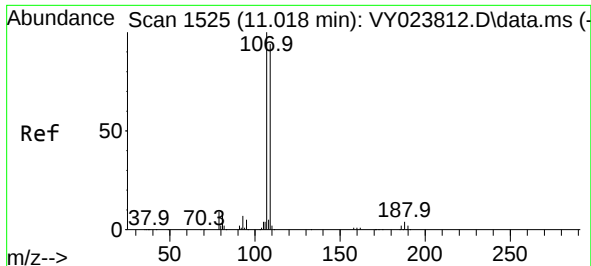
Tgt Ion: 43 Resp: 261865
Ion Ratio Lower Upper
43 100
58 55.6 28.3 85.0



#60
Dibromochloromethane
Concen: 20.051 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 129 Resp: 98736
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6

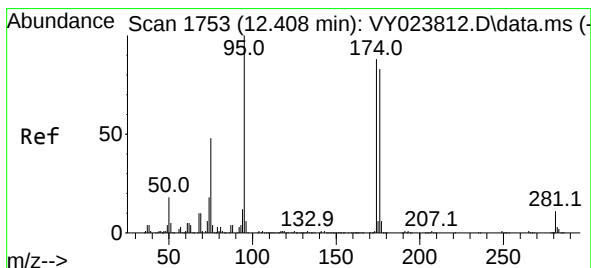
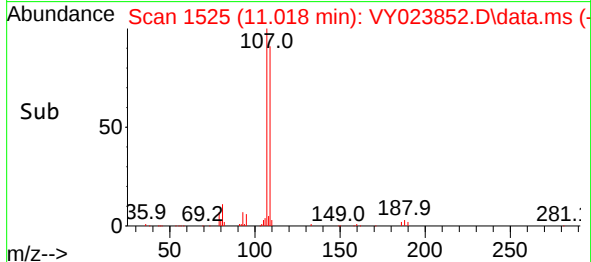
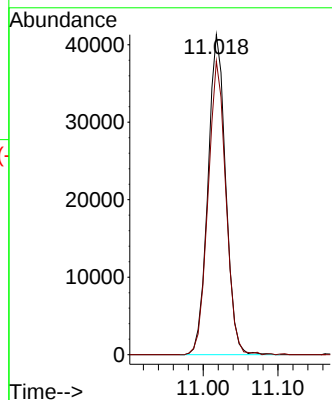
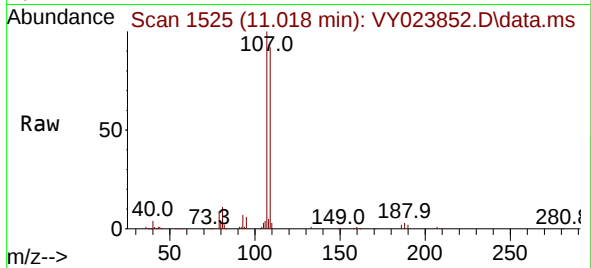




#61
1,2-Dibromoethane
Concen: 20.019 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

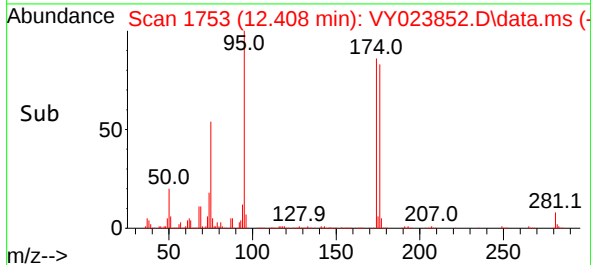
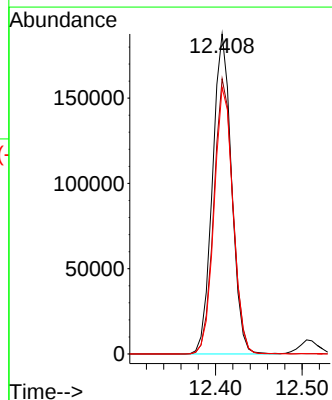
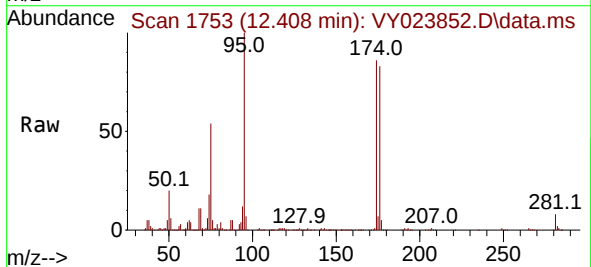
Instrument :
MSVOA_Y
ClientSampleId :

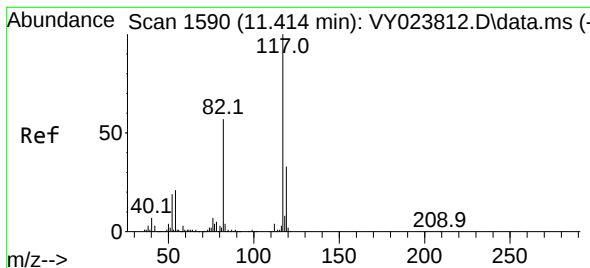
Tgt Ion:107 Resp: 68190
Ion Ratio Lower Upper
107 100
109 92.2 76.7 115.1



#62
4-Bromofluorobenzene
Concen: 48.282 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 95 Resp: 286360
Ion Ratio Lower Upper
95 100
174 86.1 0.0 168.6
176 82.8 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

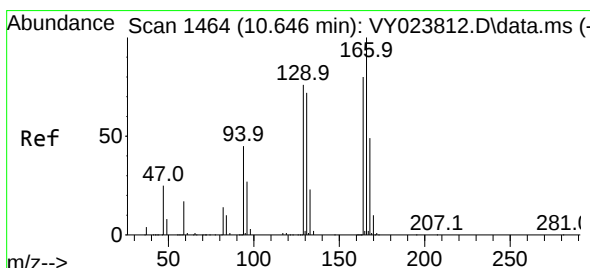
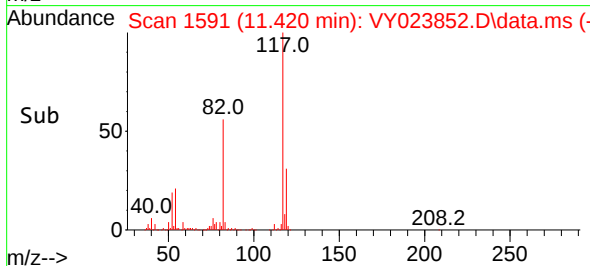
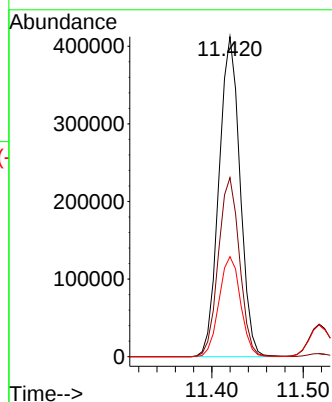
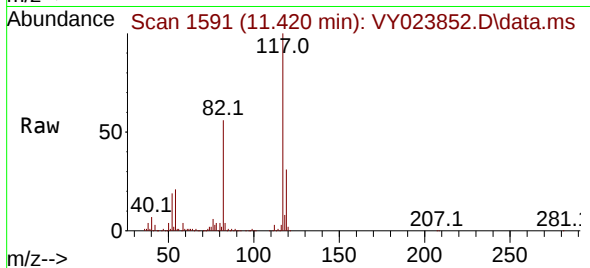
Tgt Ion:117 Resp: 660593

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

119 31.3 26.0 39.0



#64

Tetrachloroethene

Concen: 20.228 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Tgt Ion:164 Resp: 126760

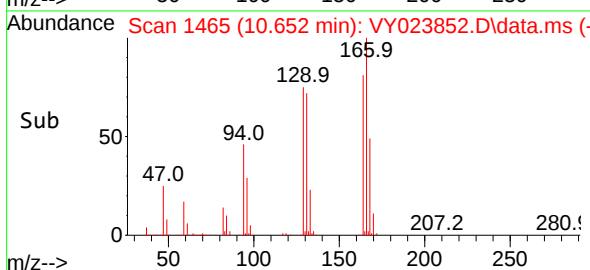
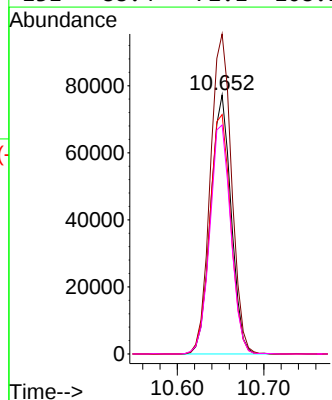
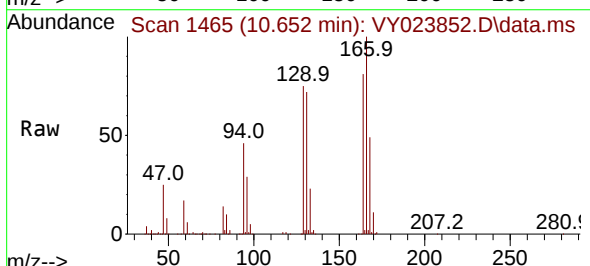
Ion Ratio Lower Upper

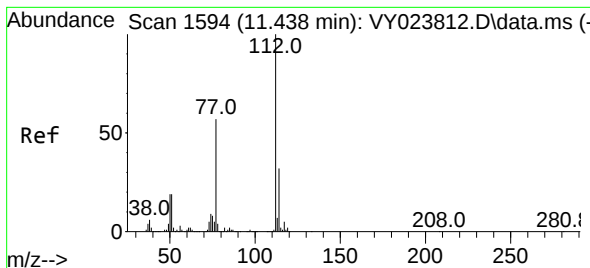
164 100

166 123.5 100.6 150.8

129 92.4 76.0 114.0

131 88.4 72.1 108.1

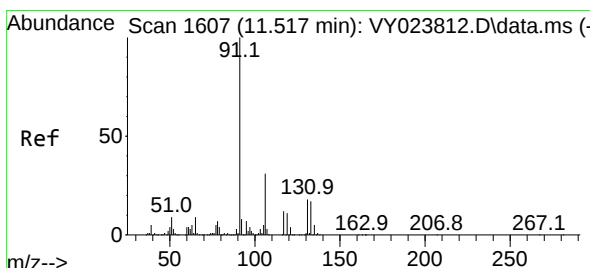
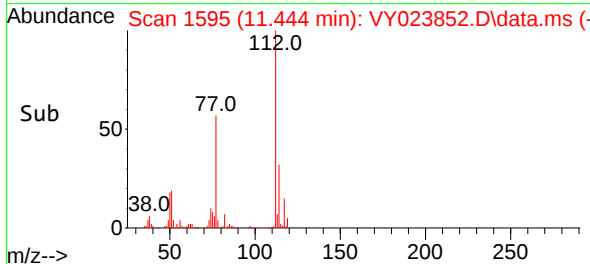
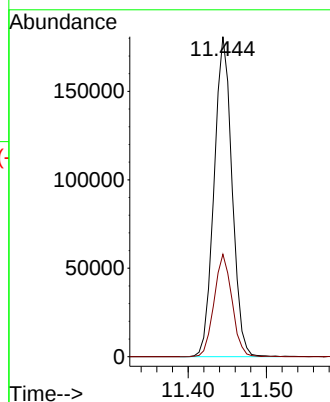
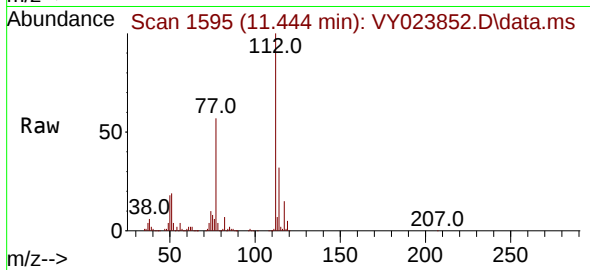




#65
Chlorobenzene
Concen: 19.872 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

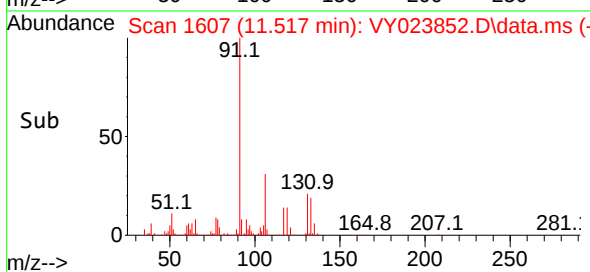
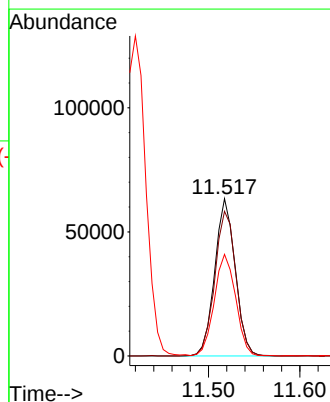
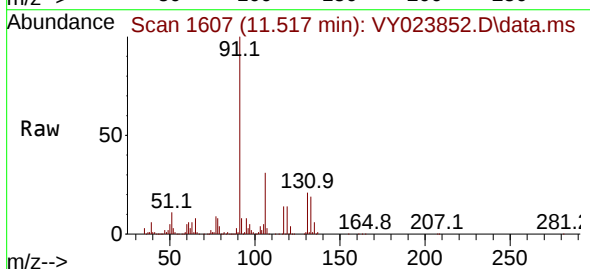
Instrument :
MSVOA_Y
ClientSampleId :

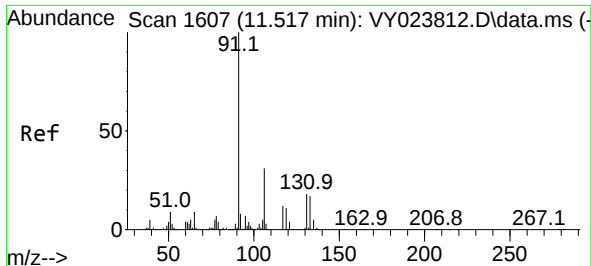
Tgt Ion:112 Resp: 288154
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.041 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion:131 Resp: 98722
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 67.5 33.0 98.9





#67

Ethyl Benzene

Concen: 19.689 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

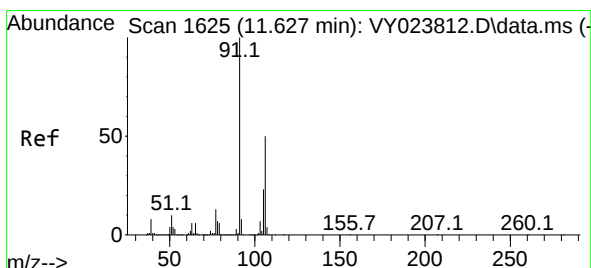
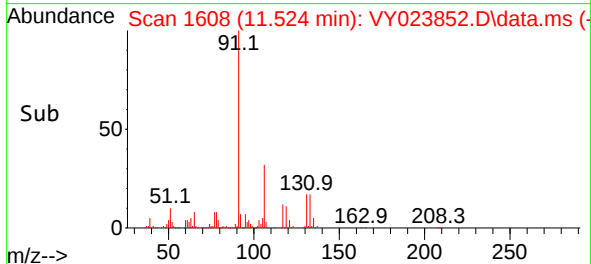
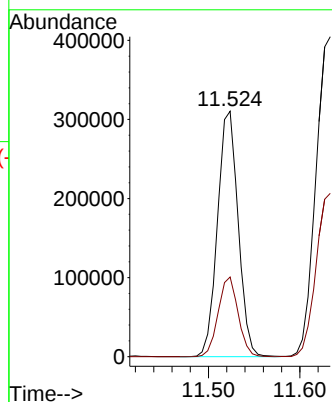
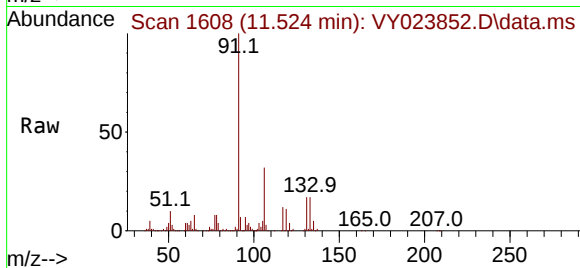
ClientSampleId :

Tgt Ion: 91 Resp: 487663

Ion Ratio Lower Upper

91 100

106 32.5 24.9 37.3



#68

m/p-Xylenes

Concen: 40.053 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY023852.D

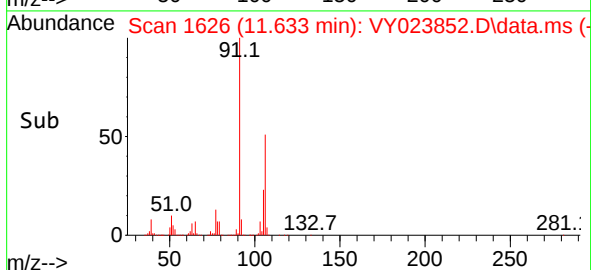
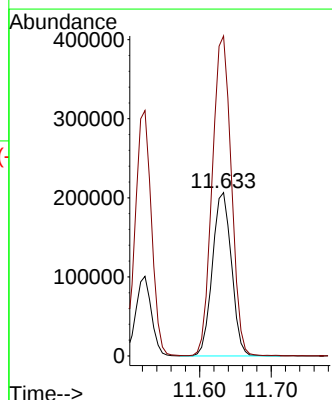
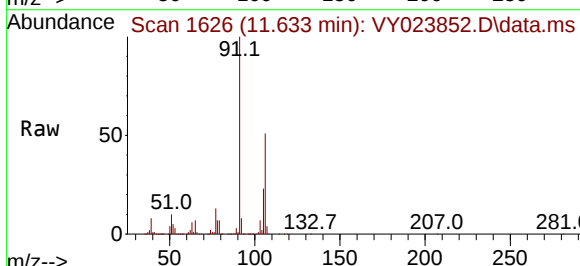
Acq: 02 Dec 2025 11:16

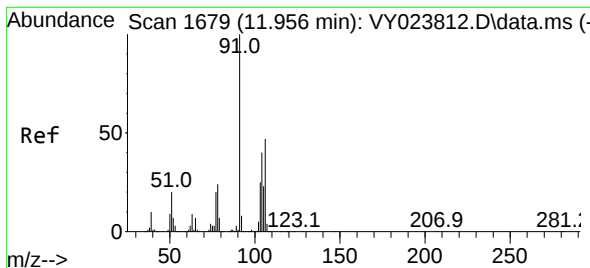
Tgt Ion:106 Resp: 382268

Ion Ratio Lower Upper

106 100

91 195.7 159.5 239.3

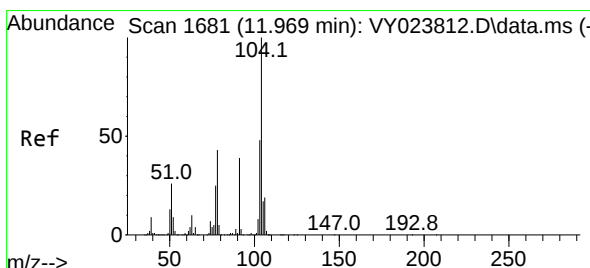
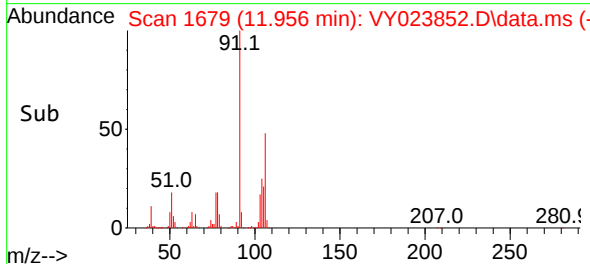
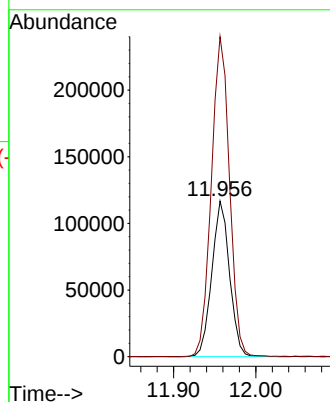
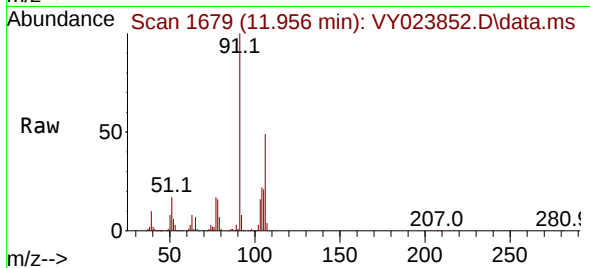




#69
o-Xylene
Concen: 19.581 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

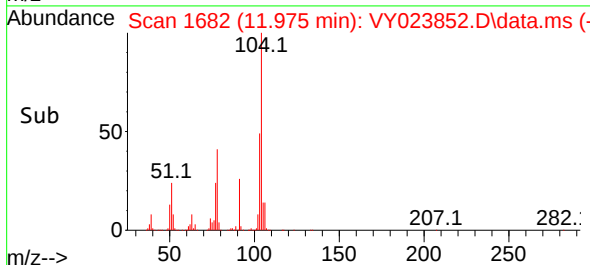
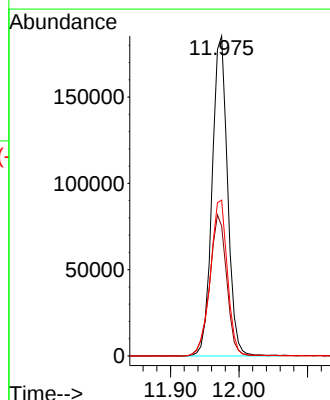
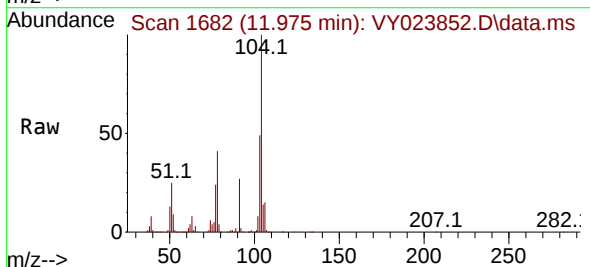
Instrument :
MSVOA_Y
ClientSampleId :

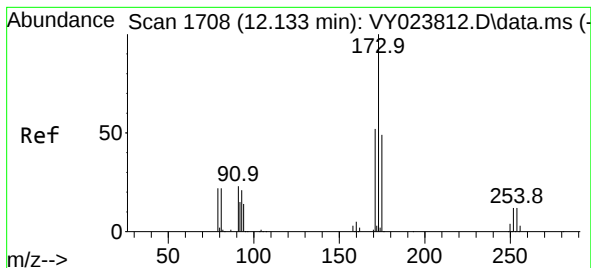
Tgt Ion:106 Resp: 175204
Ion Ratio Lower Upper
106 100
91 211.2 106.5 319.6



#70
Styrene
Concen: 19.707 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion:104 Resp: 290468
Ion Ratio Lower Upper
104 100
78 48.4 38.8 58.2
103 54.1 43.4 65.0





#71

Bromoform

Concen: 19.966 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

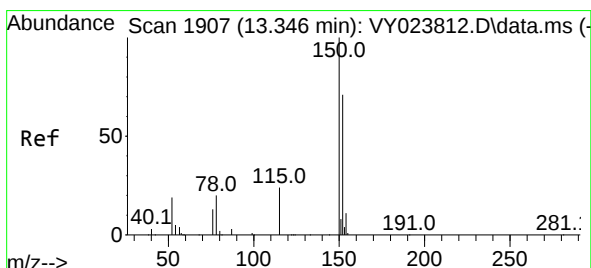
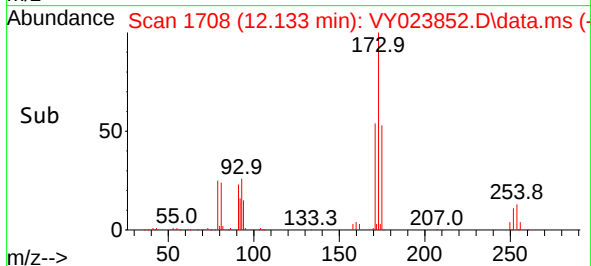
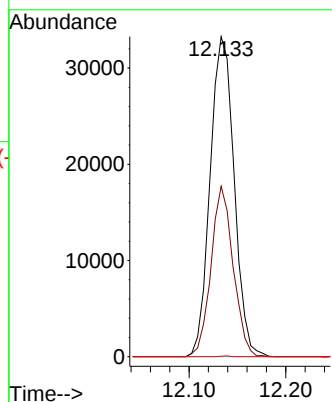
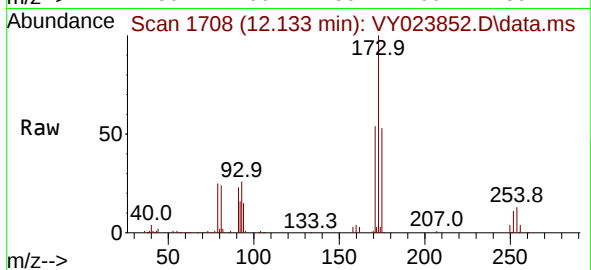
Tgt Ion:173 Resp: 57372

Ion Ratio Lower Upper

173 100

175 49.1 24.4 73.4

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

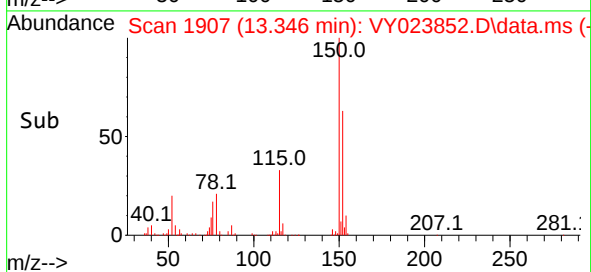
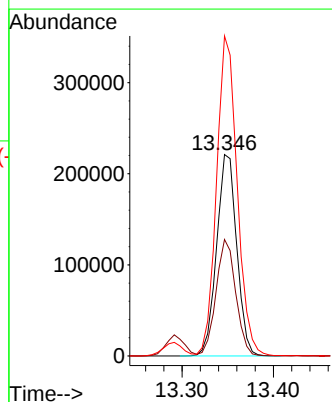
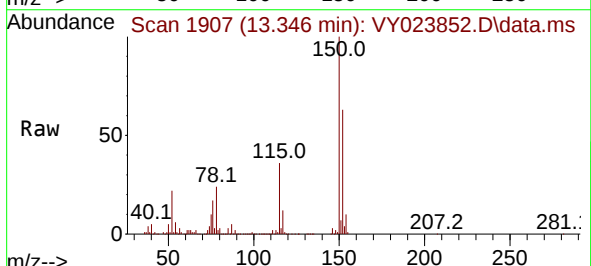
Tgt Ion:152 Resp: 338509

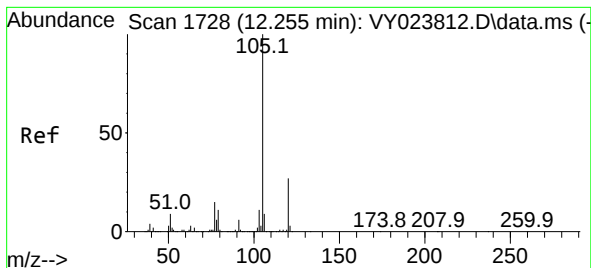
Ion Ratio Lower Upper

152 100

115 56.5 28.7 86.3

150 162.8 0.0 345.6





#73

Isopropylbenzene

Concen: 19.565 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

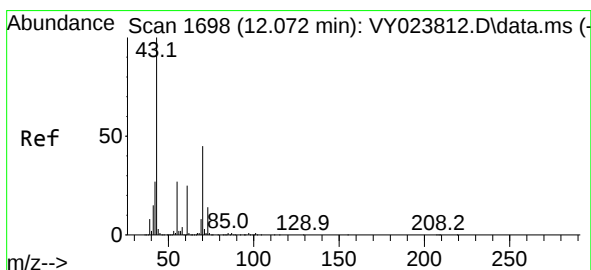
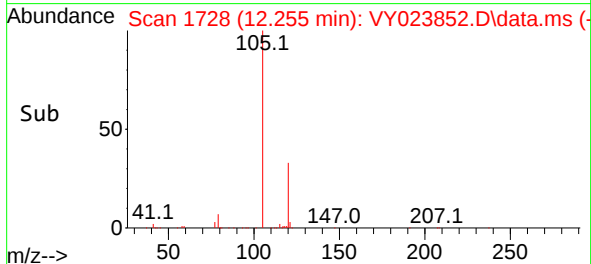
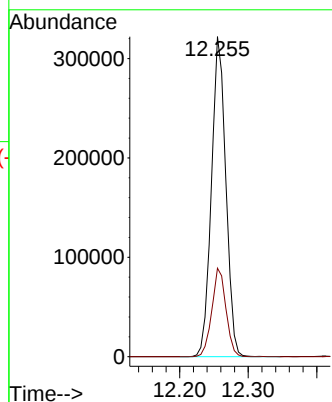
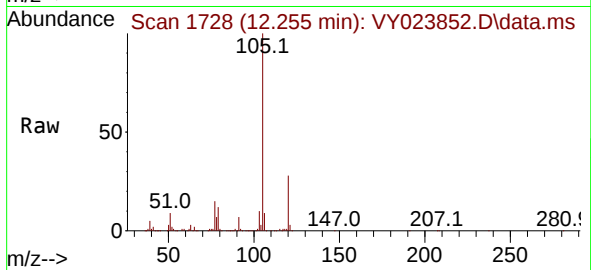
ClientSampleId :

Tgt Ion:105 Resp: 470053

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.8



#74

N-ethyl acetate

Concen: 18.824 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Tgt Ion: 43 Resp: 101038

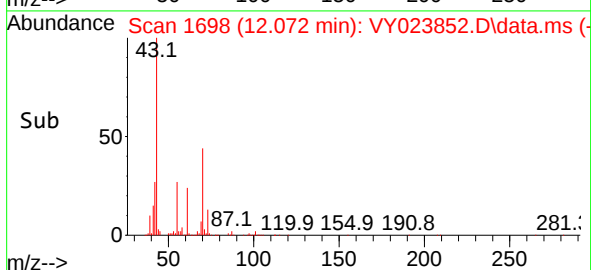
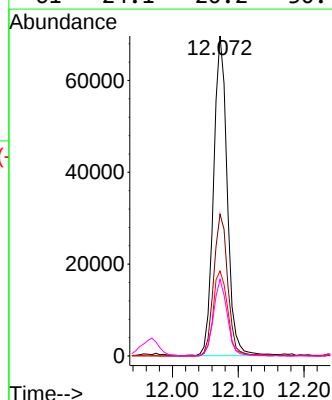
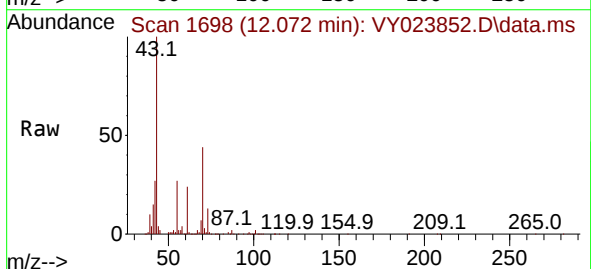
Ion Ratio Lower Upper

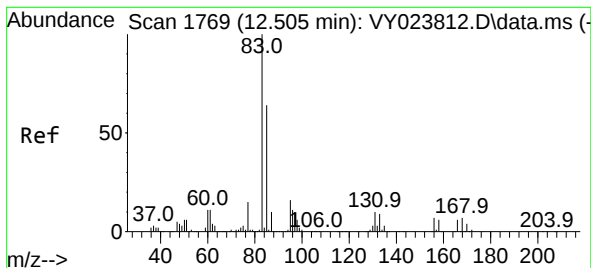
43 100

70 45.5 36.2 54.2

55 27.9 21.8 32.8

61 24.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.808 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

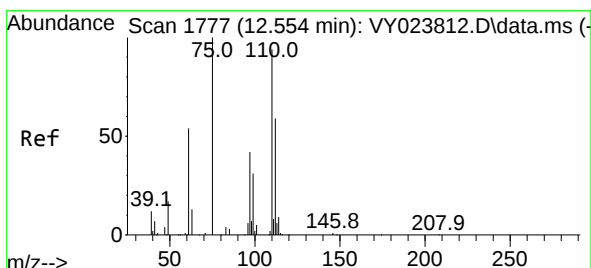
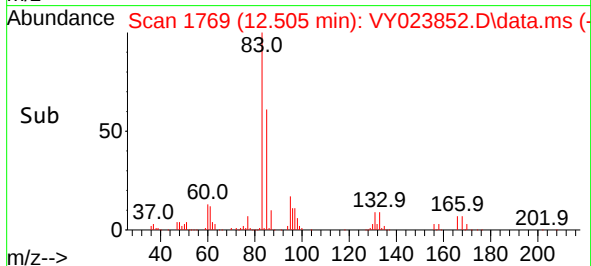
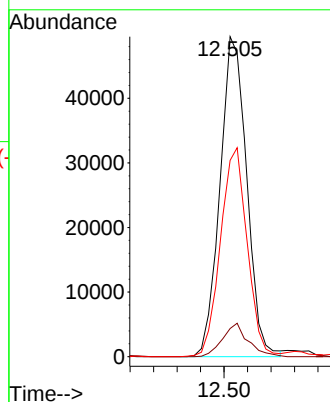
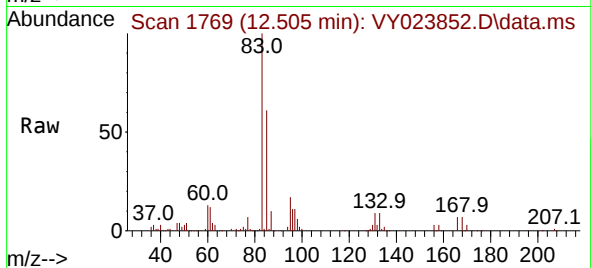
Tgt Ion: 83 Resp: 78349

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 65.3 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 37.103 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY023852.D

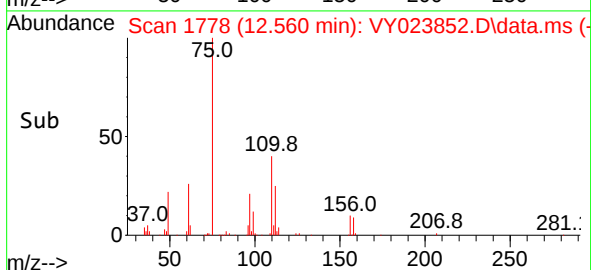
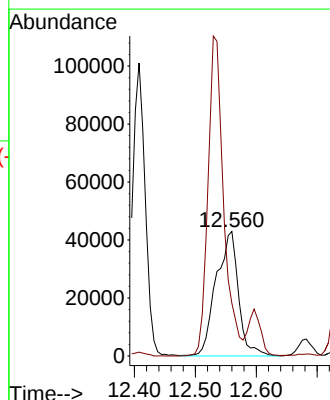
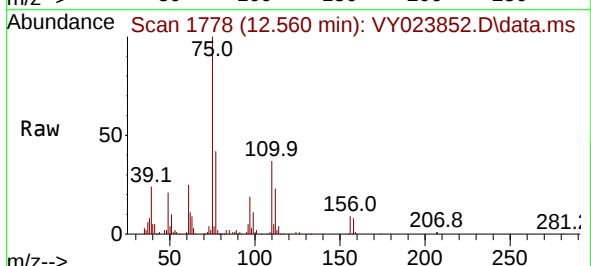
Acq: 02 Dec 2025 11:16

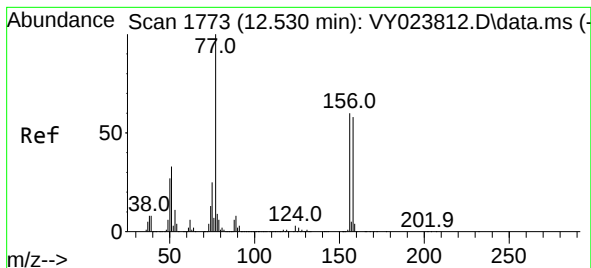
Tgt Ion: 75 Resp: 109220

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.601 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

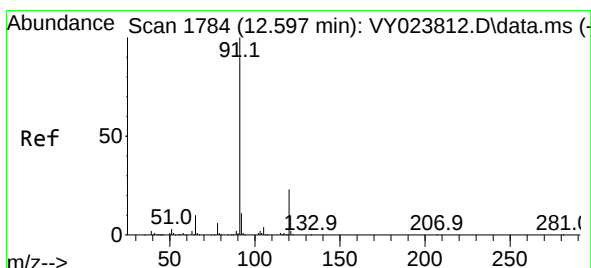
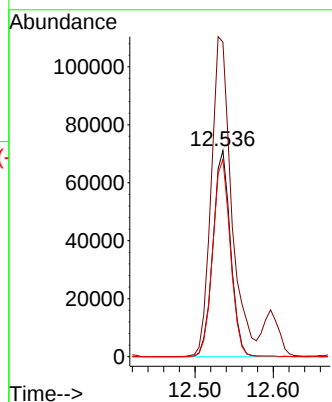
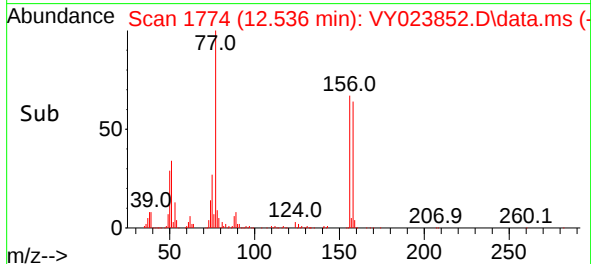
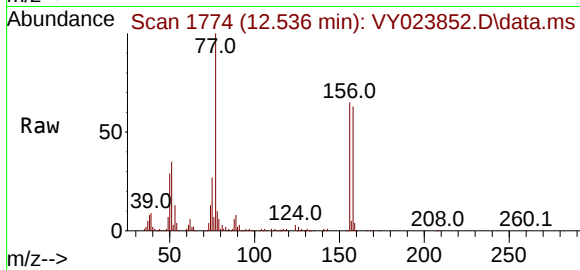
Tgt Ion:156 Resp: 110763

Ion Ratio Lower Upper

156 100

77 179.7 90.8 272.3

158 95.8 48.4 145.3



#78

n-propylbenzene

Concen: 19.680 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023852.D

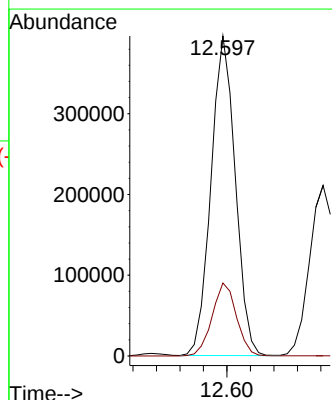
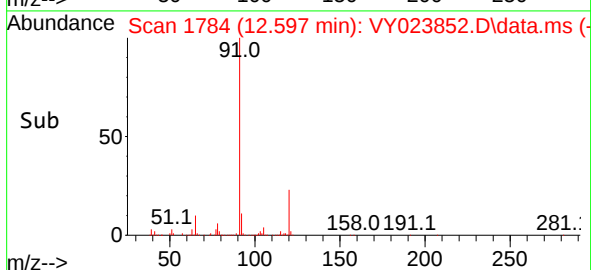
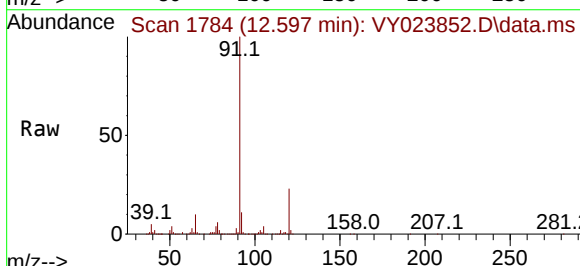
Acq: 02 Dec 2025 11:16

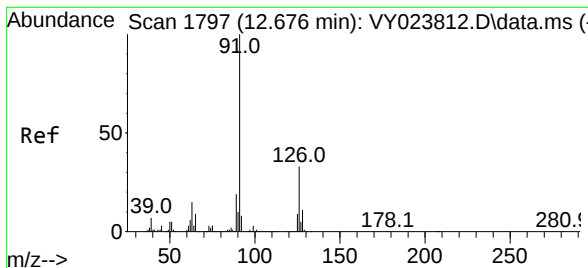
Tgt Ion: 91 Resp: 569239

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8

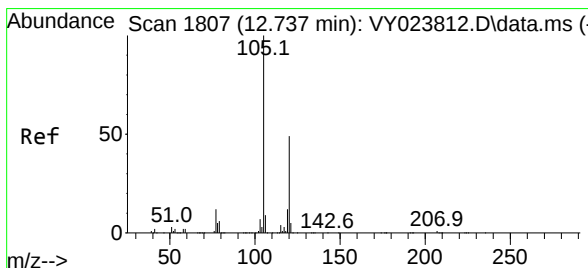
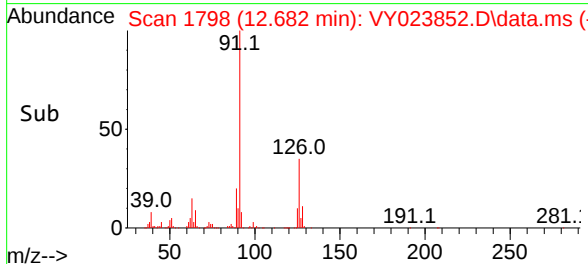
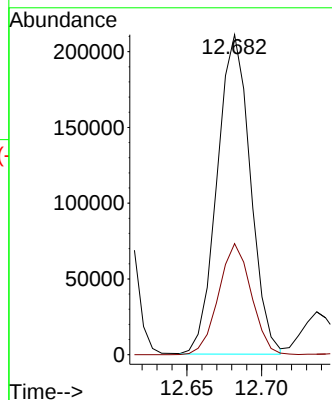
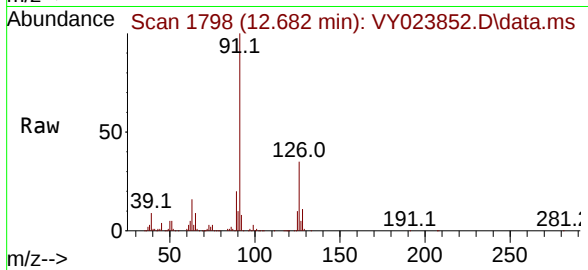




#79
2-Chlorotoluene
Concen: 19.541 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

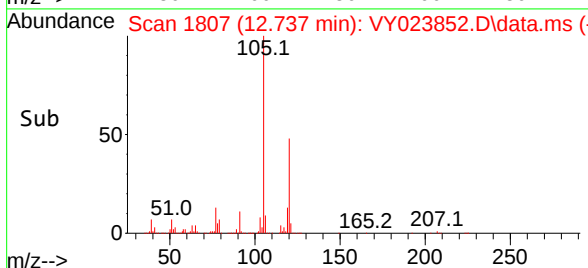
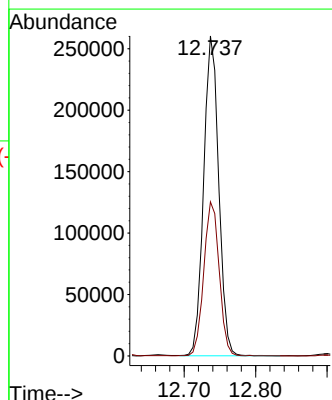
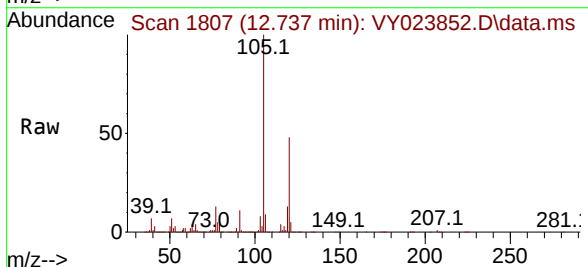
Instrument :
MSVOA_Y
ClientSampleId :

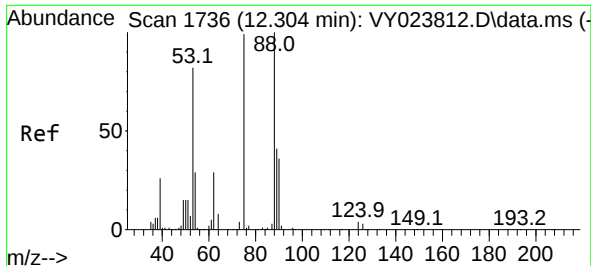
Tgt Ion: 91 Resp: 325300
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 19.457 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 105 Resp: 381611
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.8

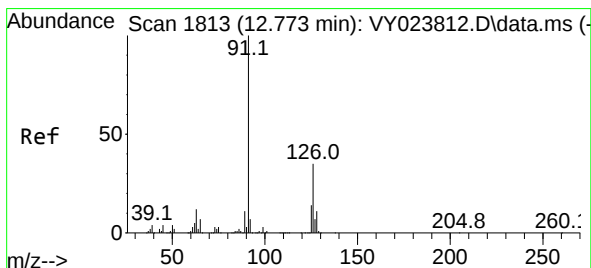
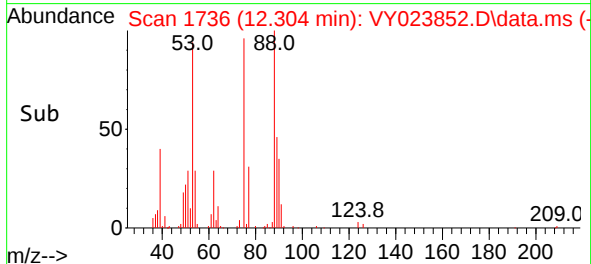
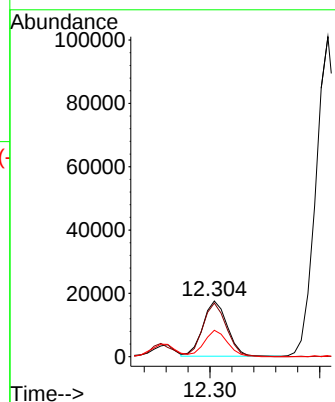
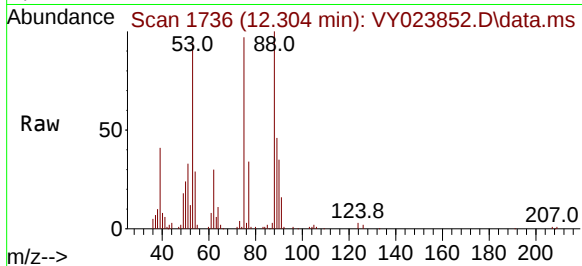




#81
trans-1,4-Dichloro-2-butene
Concen: 19.263 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

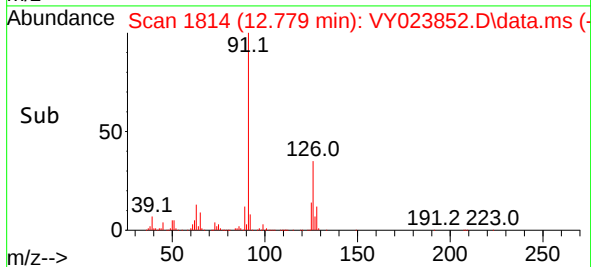
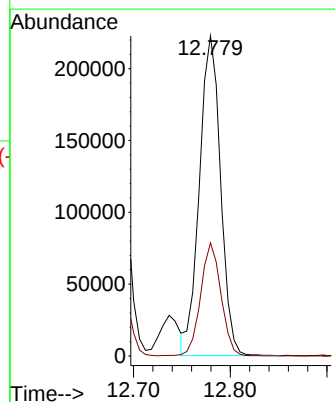
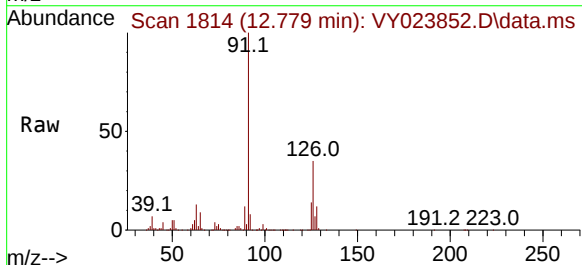
Instrument :
MSVOA_Y
ClientSampleId :

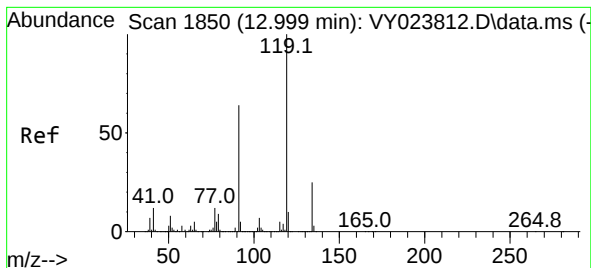
Tgt Ion: 75 Resp: 26828
Ion Ratio Lower Upper
75 100
53 94.7 71.3 106.9
89 45.7 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.799 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023852.D
Acq: 02 Dec 2025 11:16

Tgt Ion: 91 Resp: 338502
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.106 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

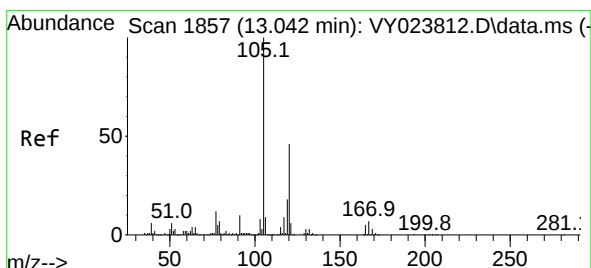
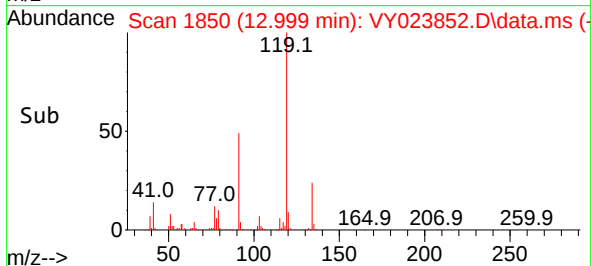
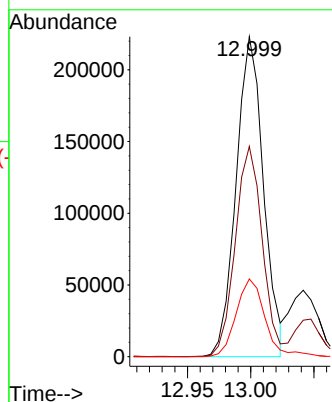
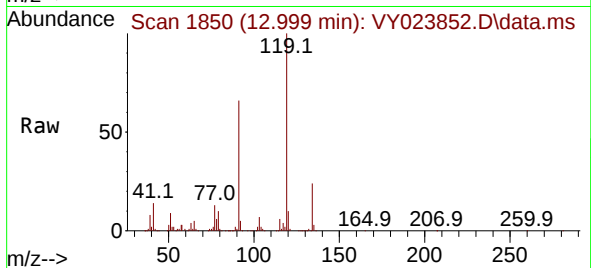
Tgt Ion:119 Resp: 336627

Ion Ratio Lower Upper

119 100

91 64.5 32.0 96.0

134 25.7 12.8 38.4



#84

1,2,4-Trimethylbenzene

Concen: 19.342 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY023852.D

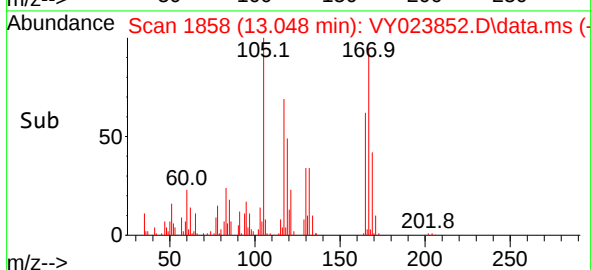
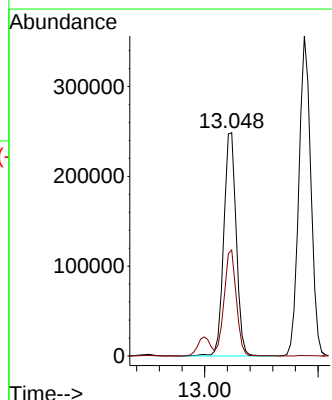
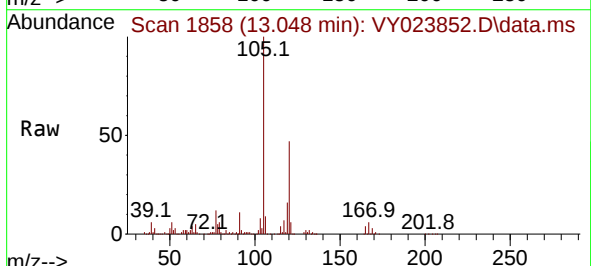
Acq: 02 Dec 2025 11:16

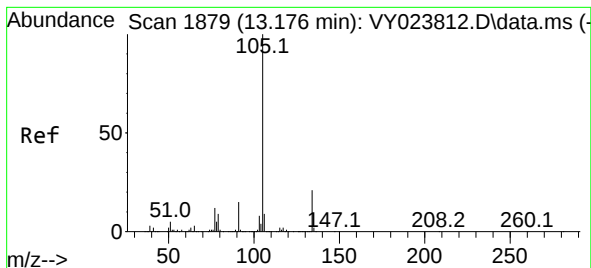
Tgt Ion:105 Resp: 379117

Ion Ratio Lower Upper

105 100

120 46.1 22.5 67.5





#85

sec-Butylbenzene

Concen: 20.032 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

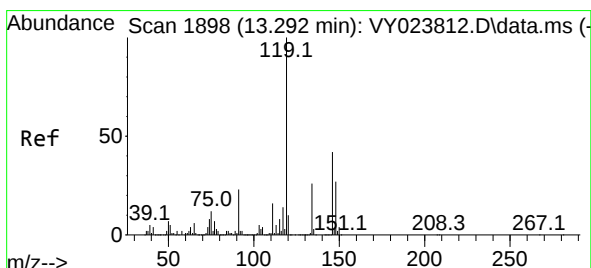
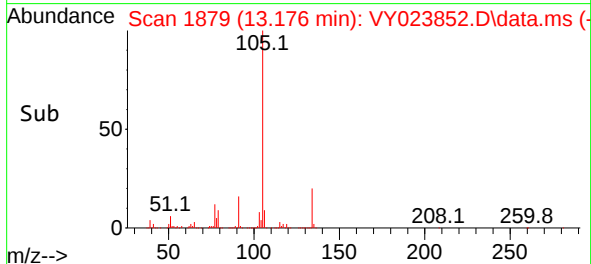
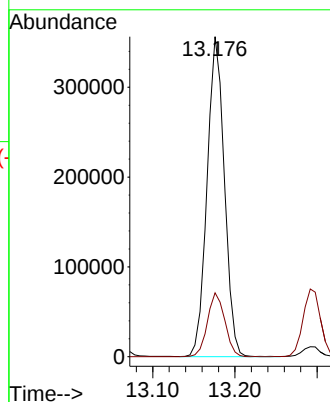
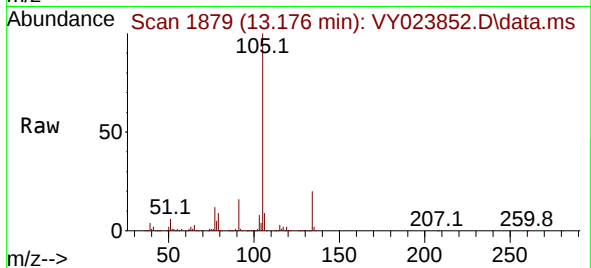
ClientSampleId :

Tgt Ion:105 Resp: 520997

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.469 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

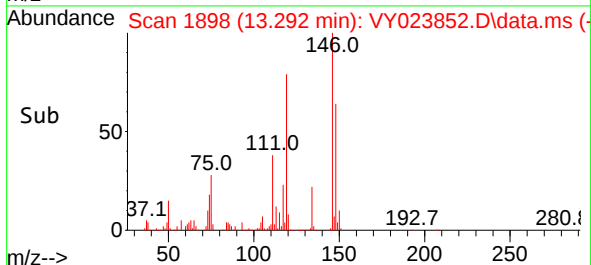
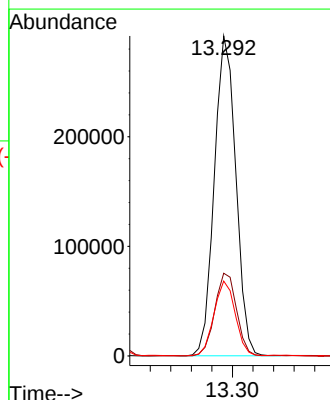
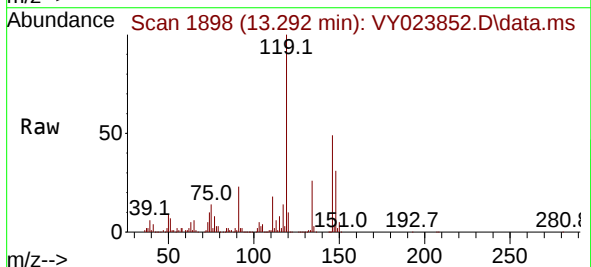
Tgt Ion:119 Resp: 423224

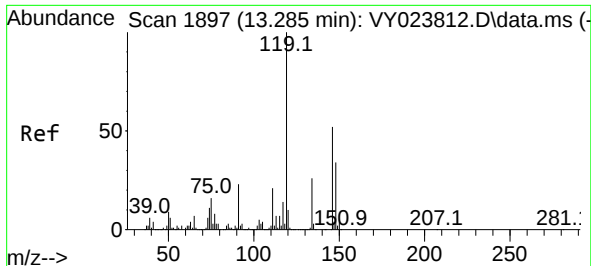
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

91 23.1 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 19.519 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

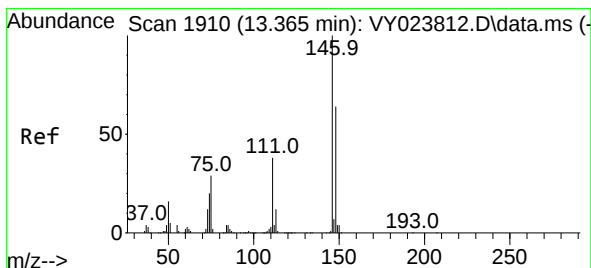
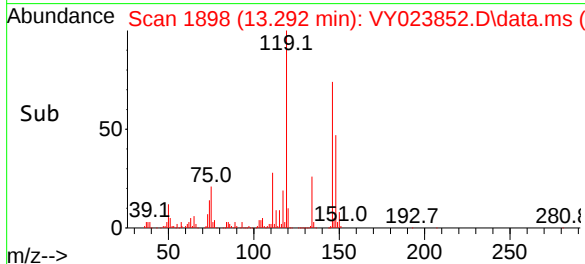
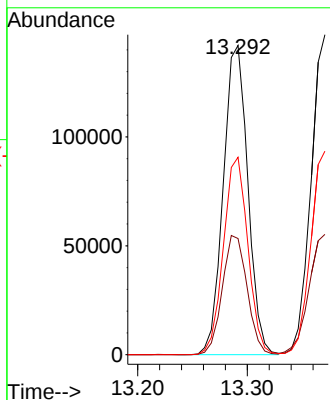
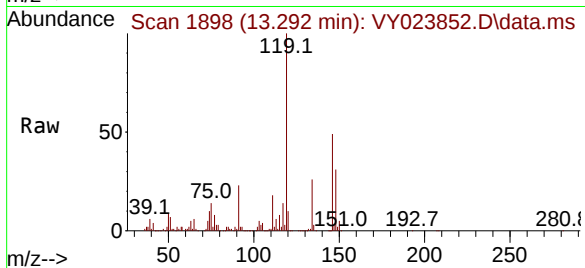
Tgt Ion:146 Resp: 221052

Ion Ratio Lower Upper

146 100

111 39.0 20.0 60.0

148 63.6 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.451 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

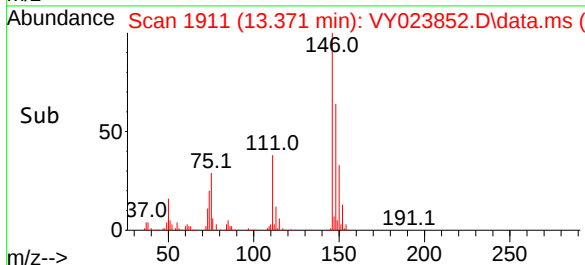
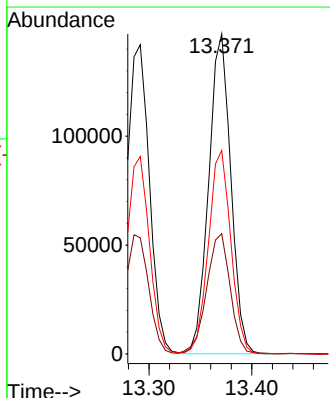
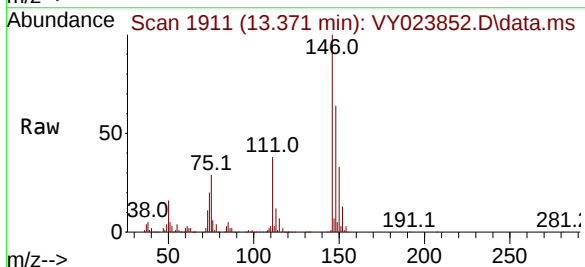
Tgt Ion:146 Resp: 219879

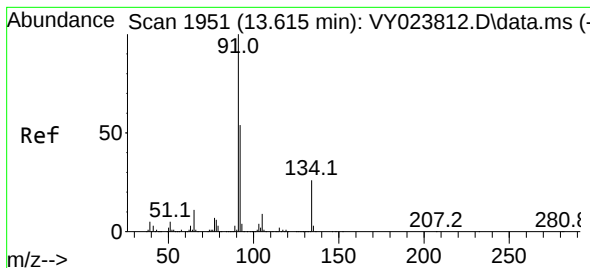
Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.5 32.0 96.0





#89

n-Butylbenzene

Concen: 19.230 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

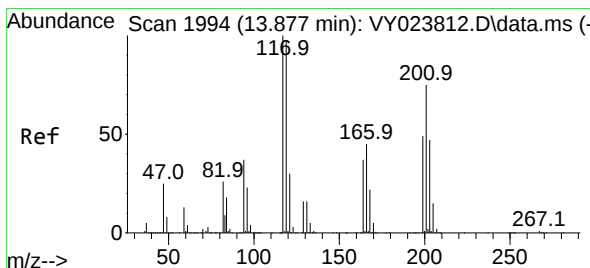
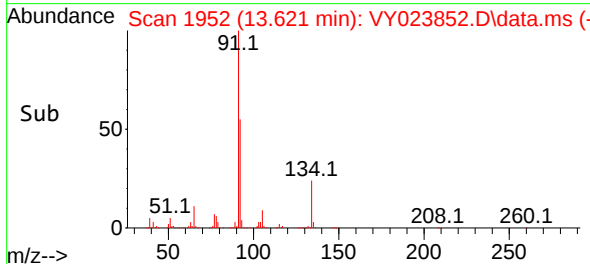
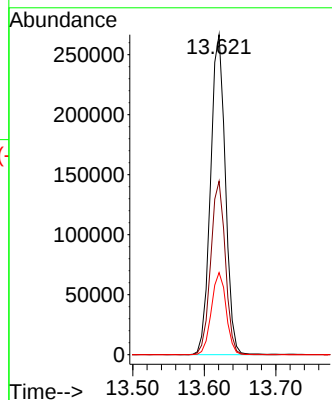
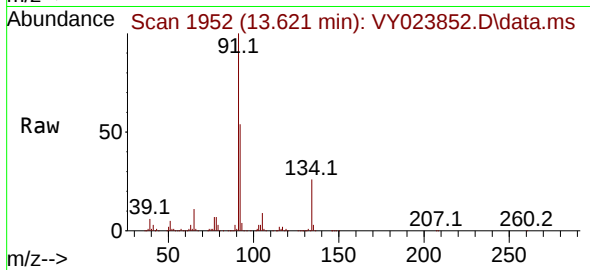
Tgt Ion: 91 Resp: 383311

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.3

134 25.6 13.0 39.0



#90

Hexachloroethane

Concen: 19.398 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY023852.D

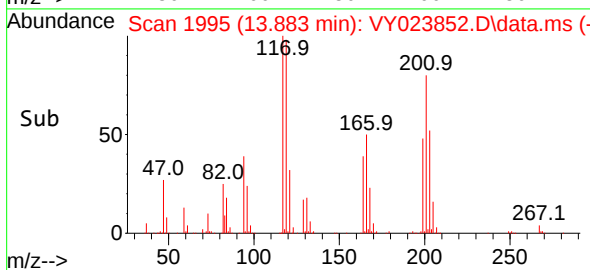
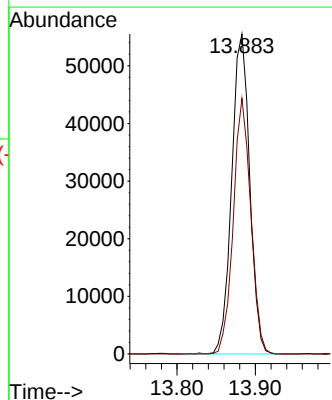
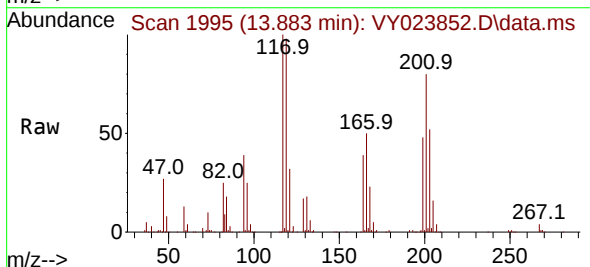
Acq: 02 Dec 2025 11:16

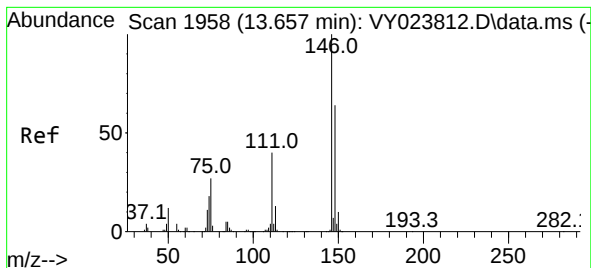
Tgt Ion: 117 Resp: 88598

Ion Ratio Lower Upper

117 100

201 77.6 38.6 115.8





#91

1,2-Dichlorobenzene

Concen: 19.442 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

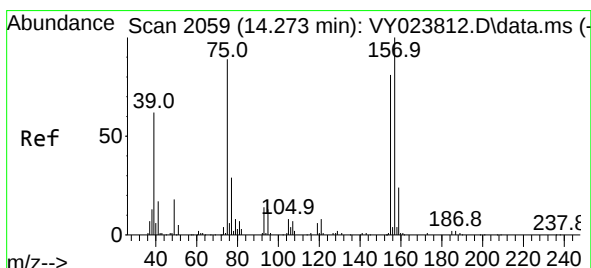
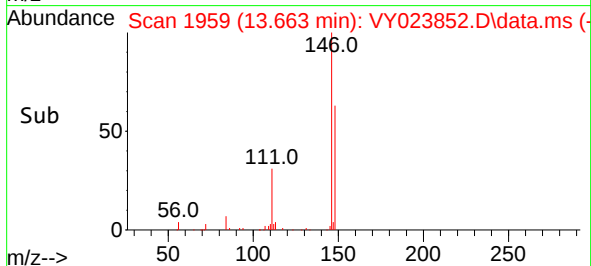
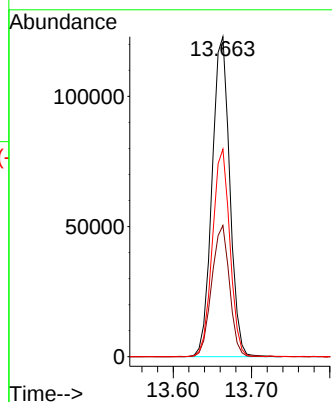
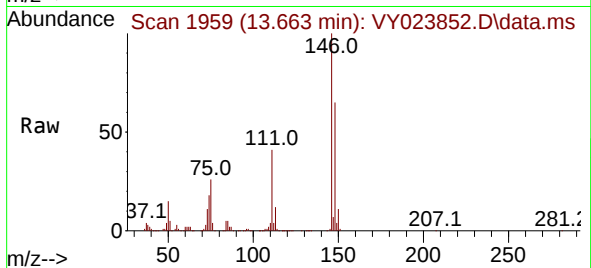
Tgt Ion:146 Resp: 192544

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.5

148 64.1 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.516 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

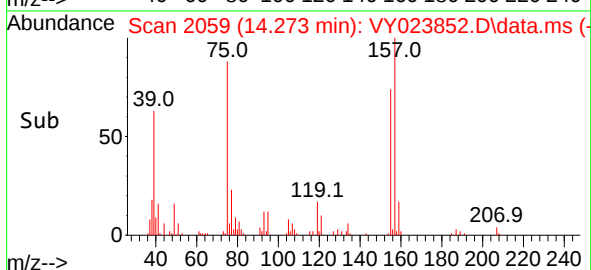
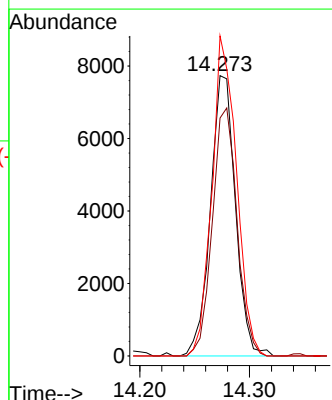
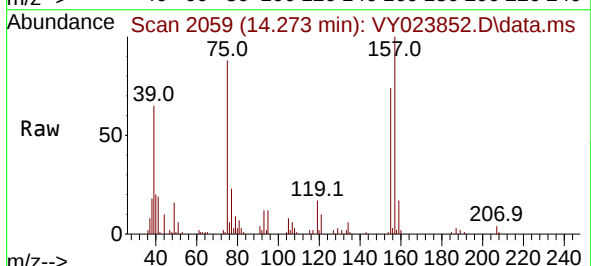
Tgt Ion: 75 Resp: 12259

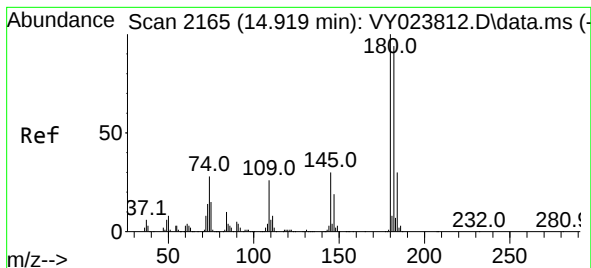
Ion Ratio Lower Upper

75 100

155 87.3 44.0 132.1

157 112.2 54.6 163.8





#93

1,2,4-Trichlorobenzene

Concen: 18.365 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

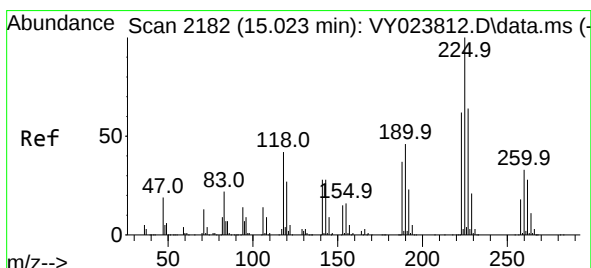
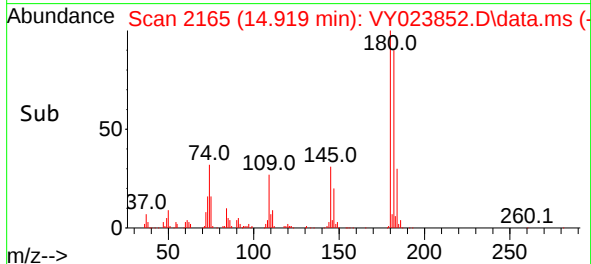
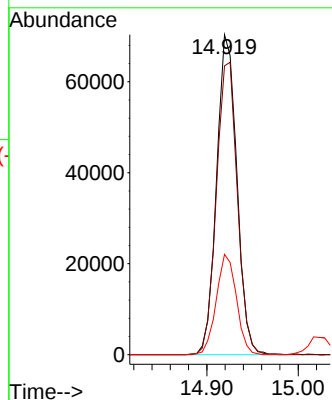
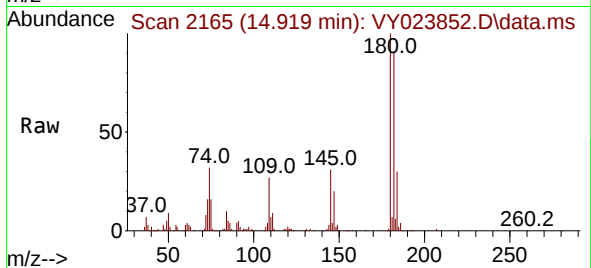
Tgt Ion:180 Resp: 108443

Ion Ratio Lower Upper

180 100

182 94.7 47.2 141.6

145 31.2 15.4 46.2



#94

Hexachlorobutadiene

Concen: 19.281 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

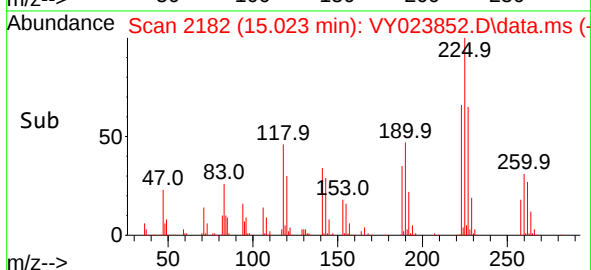
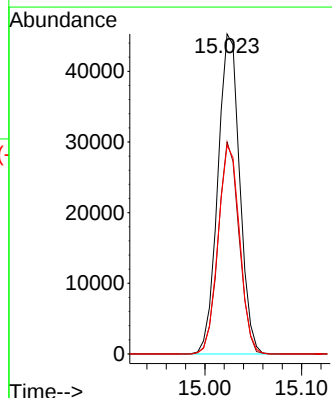
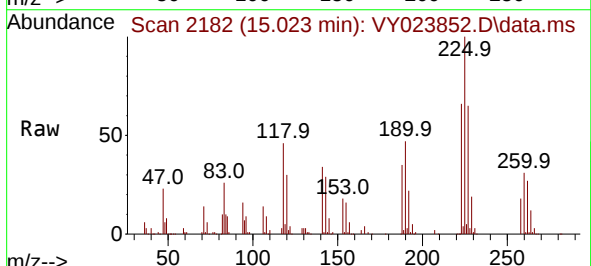
Tgt Ion:225 Resp: 70903

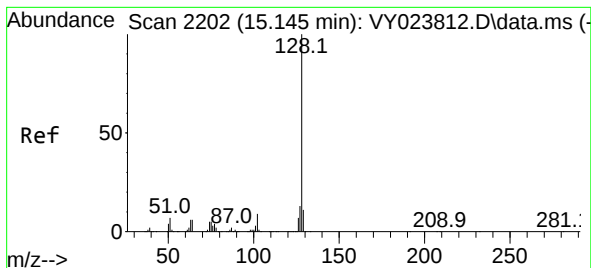
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.4 32.8 98.3





#95

Naphthalene

Concen: 17.663 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Instrument :

MSVOA_Y

ClientSampleId :

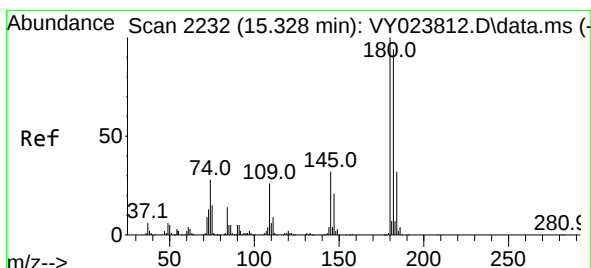
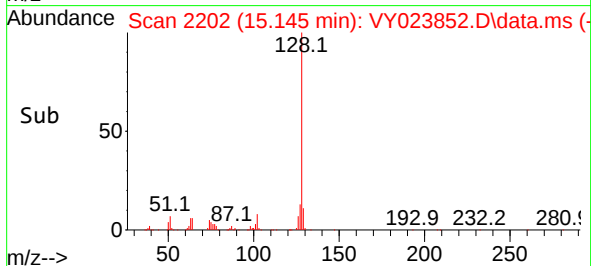
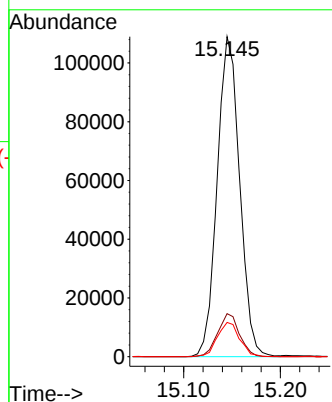
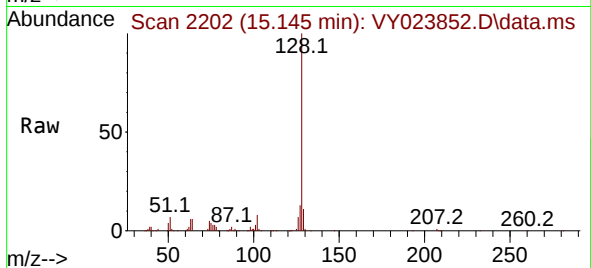
Tgt Ion:128 Resp: 175893

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.640 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023852.D

Acq: 02 Dec 2025 11:16

Tgt Ion:180 Resp: 93743

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.2

145 31.1 16.5 49.5

