

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110425\
 Data File : VY023670.D
 Acq On : 04 Nov 2025 13:14
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Quant Time: Nov 05 04:49:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	593648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	873933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	758488	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	383578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	237072	46.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.640%
35) Dibromofluoromethane	7.640	113	263418	48.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.460%
50) Toluene-d8	10.109	98	1004651	49.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.408	95	323983	49.243	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	83624	21.459	ug/l	99
3) Chloromethane	2.074	50	112095	20.556	ug/l	98
4) Vinyl Chloride	2.208	62	142529	20.086	ug/l	97
5) Bromomethane	2.592	94	125019	20.945	ug/l	98
6) Chloroethane	2.739	64	96041	19.583	ug/l	98
7) Trichlorofluoromethane	3.062	101	203780	20.391	ug/l	98
8) Diethyl Ether	3.458	74	52376	19.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	110180	20.010	ug/l	99
10) Methyl Iodide	4.007	142	107283	16.500	ug/l	99
11) Tert butyl alcohol	4.854	59	30078	92.116	ug/l	99
12) 1,1-Dichloroethene	3.793	96	103530	19.519	ug/l	98
13) Acrolein	3.653	56	45087	107.431	ug/l	97
14) Allyl chloride	4.385	41	125070	19.373	ug/l	99
15) Acrylonitrile	5.061	53	98681	96.352	ug/l	98
16) Acetone	3.873	43	128268	101.903	ug/l	96
17) Carbon Disulfide	4.110	76	322205	19.792	ug/l	100
18) Methyl Acetate	4.385	43	47857	17.237	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	240724	19.573	ug/l	99
20) Methylene Chloride	4.616	84	115777	19.053	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	116770	19.525	ug/l	96
22) Diisopropyl ether	6.025	45	284392	19.769	ug/l	98
23) Vinyl Acetate	5.964	43	768849	100.153	ug/l	98
24) 1,1-Dichloroethane	5.921	63	184974	19.301	ug/l	99
25) 2-Butanone	6.897	43	144767	99.474	ug/l	100
26) 2,2-Dichloropropane	6.884	77	170642	19.357	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	130357	19.085	ug/l	100
28) Bromochloromethane	7.250	49	70189	19.128	ug/l	99
29) Tetrahydrofuran	7.262	42	74792	96.499	ug/l	96
30) Chloroform	7.421	83	204195	19.097	ug/l	97
31) Cyclohexane	7.707	56	169389	20.296	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	185530	19.414	ug/l	100
36) 1,1-Dichloropropene	7.835	75	143378	19.646	ug/l	100
37) Ethyl Acetate	6.988	43	55303	19.575	ug/l	98
38) Carbon Tetrachloride	7.823	117	171122	19.901	ug/l	98
39) Methylcyclohexane	9.110	83	190946	20.477	ug/l	100
40) Benzene	8.085	78	449040	19.520	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	23126	14.996	ug/l #	76
42) 1,2-Dichloroethane	8.158	62	110974	19.068	ug/l	98
43) Isopropyl Acetate	8.201	43	102289	19.270	ug/l	99
44) Trichloroethene	8.866	130	127516	19.300	ug/l	98
45) 1,2-Dichloropropane	9.146	63	97798	19.263	ug/l	99
46) Dibromomethane	9.231	93	60607	19.267	ug/l	99
47) Bromodichloromethane	9.427	83	153399	19.342	ug/l	98
48) Methyl methacrylate	9.225	41	49701	19.817	ug/l	99
49) 1,4-Dioxane	9.231	88	11947	371.108	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	274212	97.136	ug/l	100
52) Toluene	10.170	92	293532	19.987	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	128502	19.149	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	155402	19.328	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	80688	19.194	ug/l	97
56) Ethyl methacrylate	10.439	69	88601	19.129	ug/l	98
57) 1,3-Dichloropropane	10.719	76	129496	19.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	204973	96.438	ug/l	100
59) 2-Hexanone	10.762	43	207793	100.892	ug/l	99
60) Dibromochloromethane	10.914	129	111120	19.238	ug/l	100
61) 1,2-Dibromoethane	11.018	107	75186	19.057	ug/l	100
64) Tetrachloroethene	10.646	164	153540	19.449	ug/l	98
65) Chlorobenzene	11.444	112	319039	19.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	109826	18.809	ug/l	97
67) Ethyl Benzene	11.518	91	524762	19.636	ug/l	98
68) m/p-Xylenes	11.627	106	428750	40.155	ug/l	99
69) o-Xylene	11.957	106	193529	19.608	ug/l	98
70) Styrene	11.969	104	320977	19.710	ug/l	99
71) Bromoform	12.133	173	65569	19.228	ug/l #	100
73) Isopropylbenzene	12.255	105	516071	20.116	ug/l	100
74) N-amyl acetate	12.072	43	82034	18.887	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	80064	19.541	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	108013	34.794	ug/l #	100
77) Bromobenzene	12.536	156	129556	19.469	ug/l	97
78) n-propylbenzene	12.597	91	611977	20.280	ug/l	100
79) 2-Chlorotoluene	12.682	91	345277	19.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	423747	20.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	25523	18.581	ug/l	96
82) 4-Chlorotoluene	12.780	91	361697	20.029	ug/l	99
83) tert-Butylbenzene	12.999	119	380475	20.042	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	418855	20.288	ug/l	100
85) sec-Butylbenzene	13.176	105	565167	20.640	ug/l	100
86) p-Isopropyltoluene	13.292	119	467864	20.184	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	255410	19.500	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	251614	19.557	ug/l	98
89) n-Butylbenzene	13.615	91	406474	20.166	ug/l	100
90) Hexachloroethane	13.877	117	97467	19.566	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	220087	19.499	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11798	18.701	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	126936	19.661	ug/l	99
94) Hexachlorobutadiene	15.023	225	83293	19.690	ug/l	99
95) Naphthalene	15.145	128	182533	19.732	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	107101	19.855	ug/l	99

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ClientSampleId :
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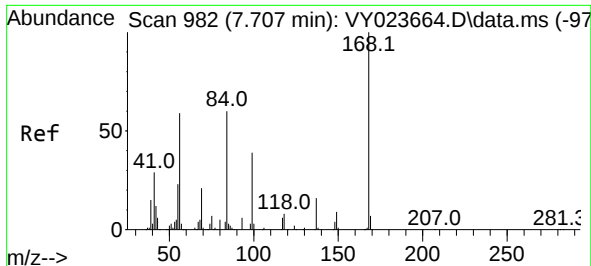
Quant Time: Nov 05 04:49:40 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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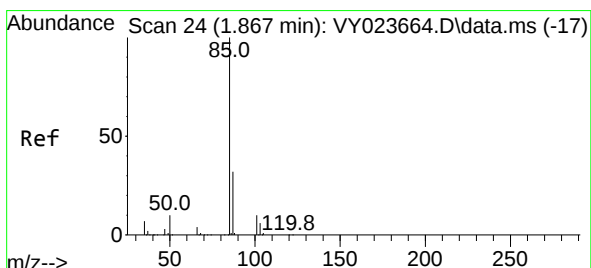
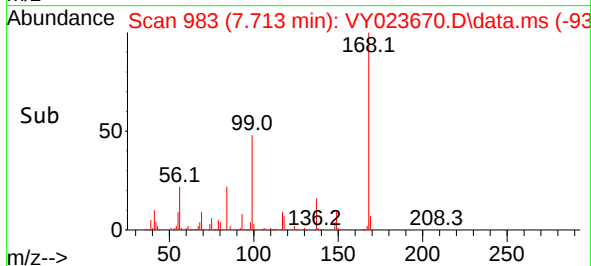
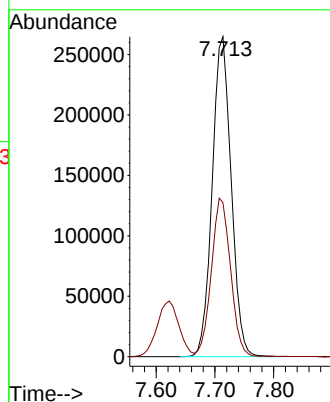
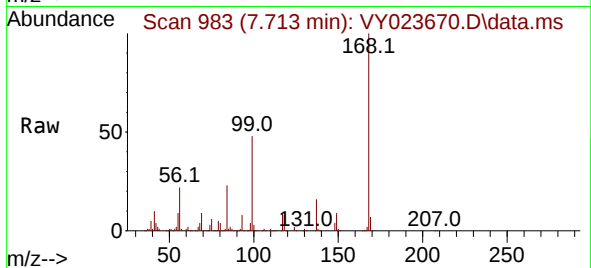




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

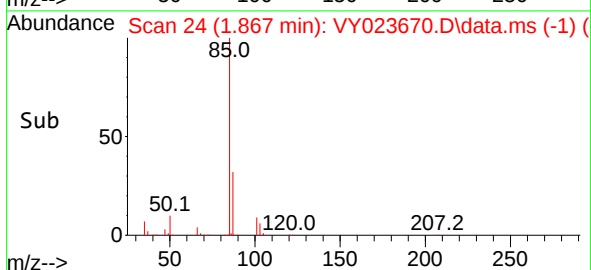
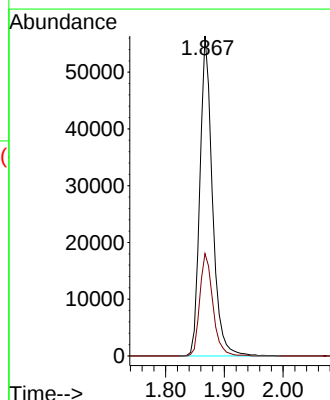
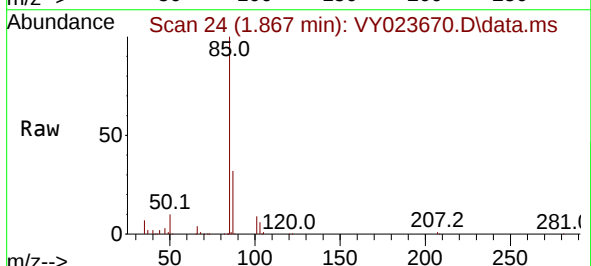
Instrument :
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ClientSampleId :
VY1104SBS01

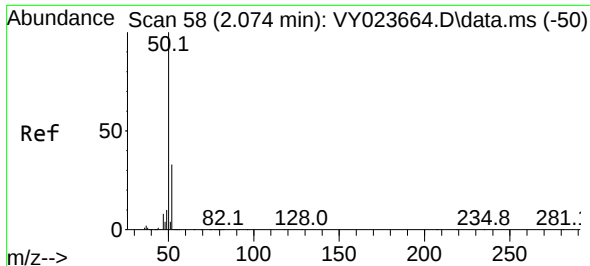
Tgt Ion:168 Resp: 593648
Ion Ratio Lower Upper
168 100
99 48.1 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 21.459 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 85 Resp: 83624
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6

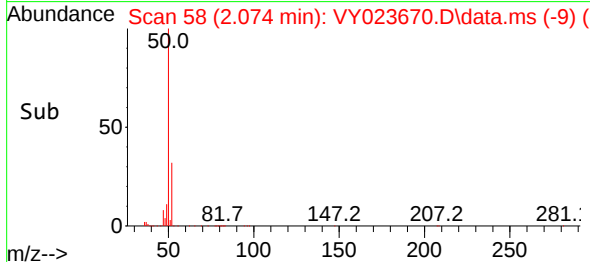
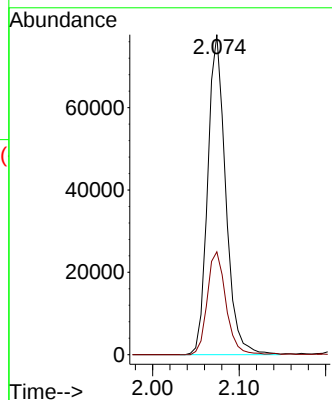
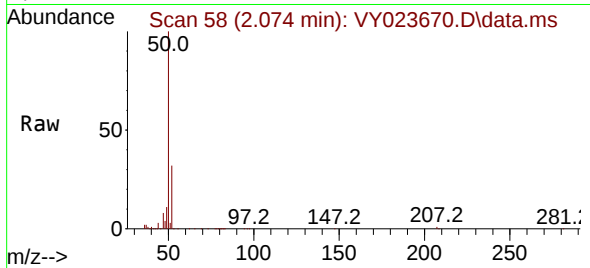




#3
Chloromethane
Concen: 20.556 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

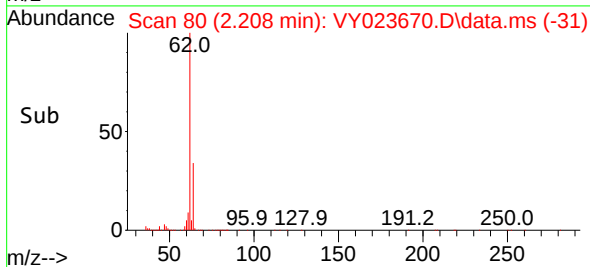
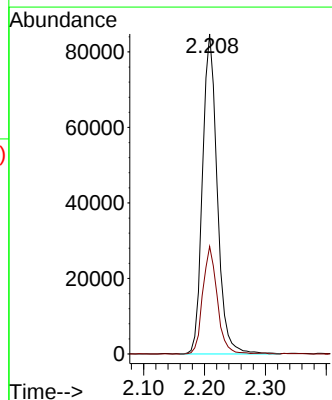
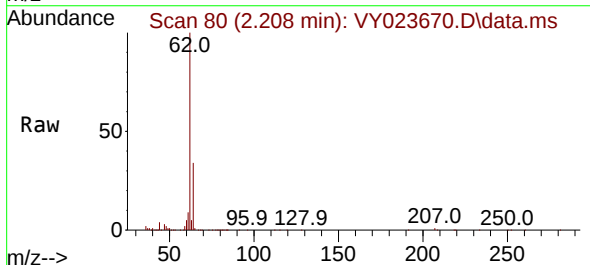
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ClientSampleId :
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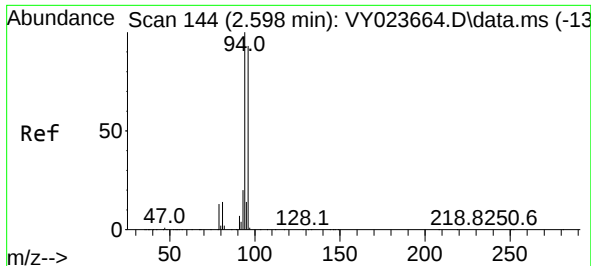
Tgt Ion: 50 Resp: 112095
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7



#4
Vinyl Chloride
Concen: 20.086 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 62 Resp: 142529
Ion Ratio Lower Upper
62 100
64 33.6 25.7 38.5

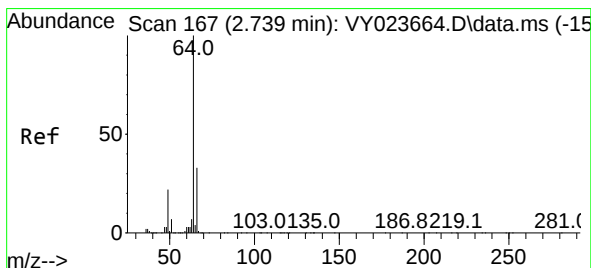
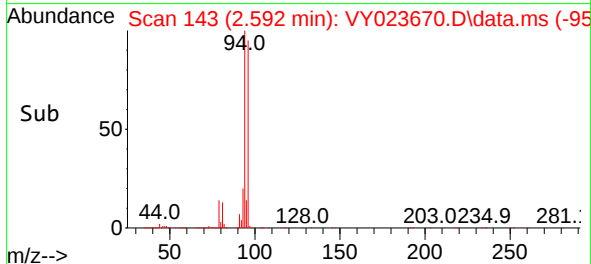
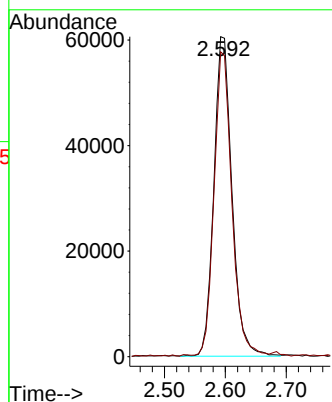
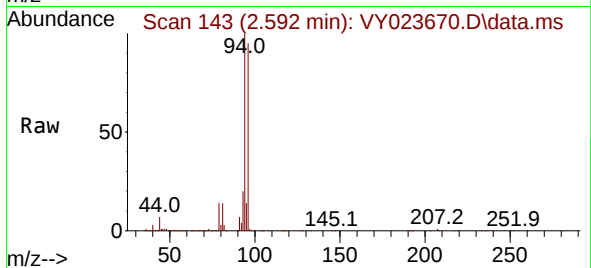




#5
Bromomethane
Concen: 20.945 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

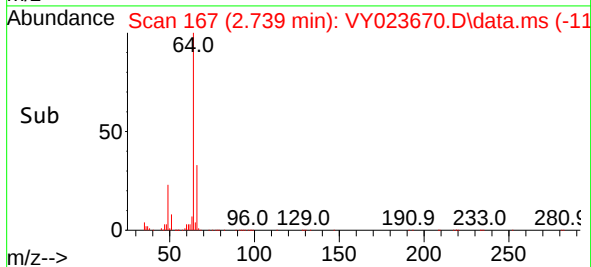
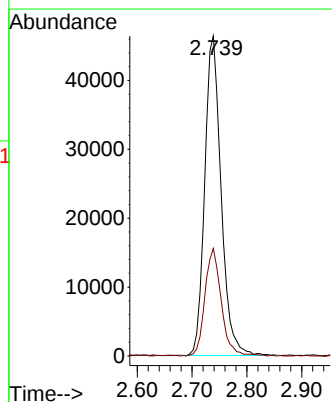
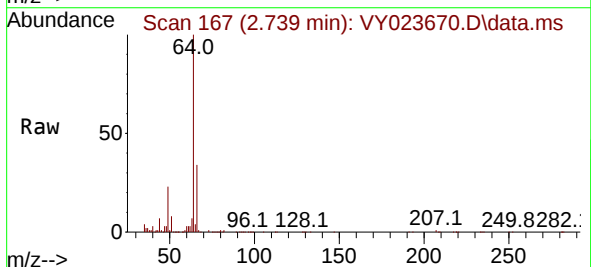
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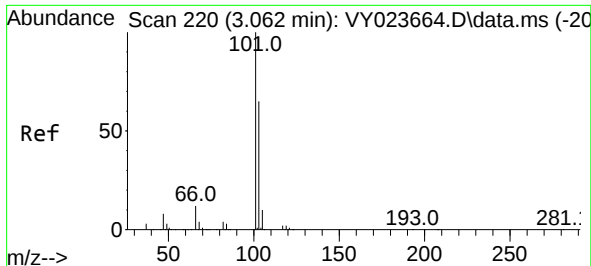
Tgt Ion: 94 Resp: 125019
Ion Ratio Lower Upper
94 100
96 95.1 74.4 111.6



#6
Chloroethane
Concen: 19.583 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 64 Resp: 96041
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.4

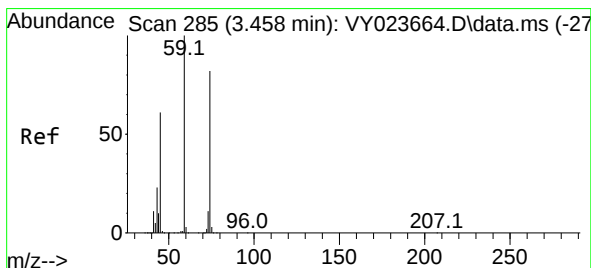
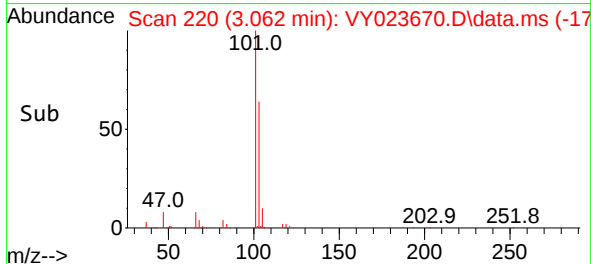
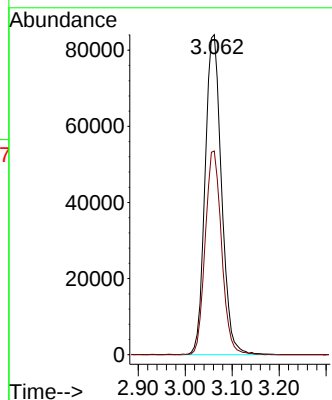
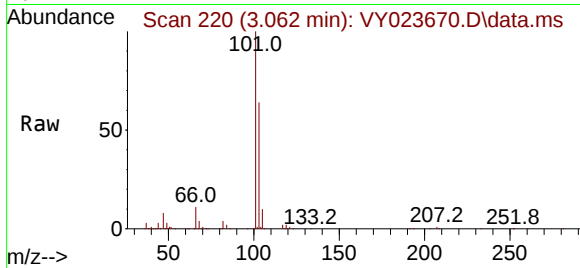




#7
 Trichlorofluoromethane
 Concen: 20.391 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023670.D
 Acq: 04 Nov 2025 13:14

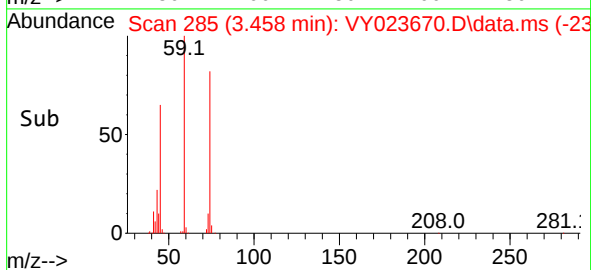
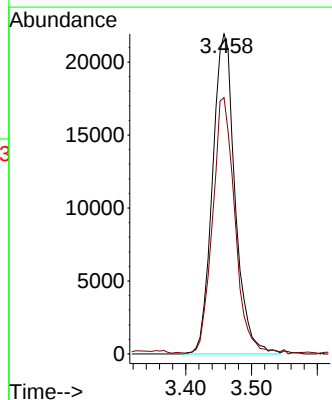
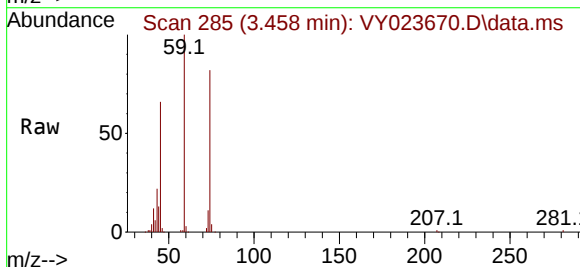
Instrument :
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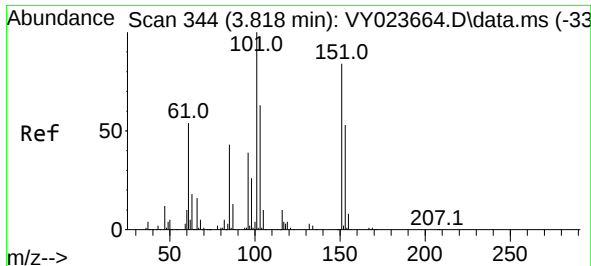
Tgt Ion:101 Resp: 203780
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.1 78.1



#8
 Diethyl Ether
 Concen: 19.544 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023670.D
 Acq: 04 Nov 2025 13:14

Tgt Ion: 74 Resp: 52376
 Ion Ratio Lower Upper
 74 100
 45 78.9 40.6 121.7

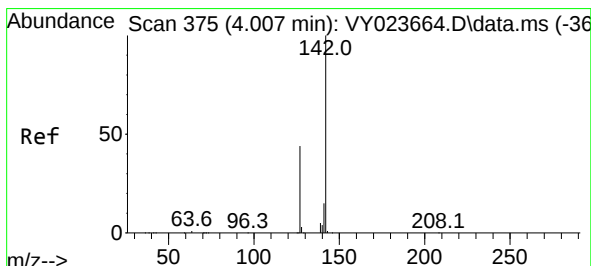
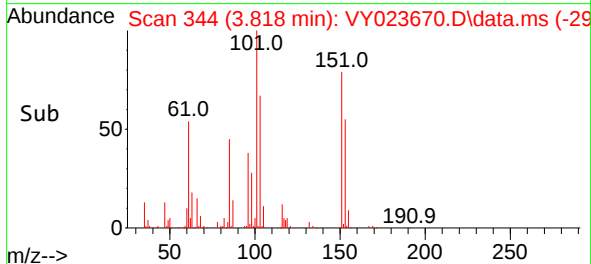
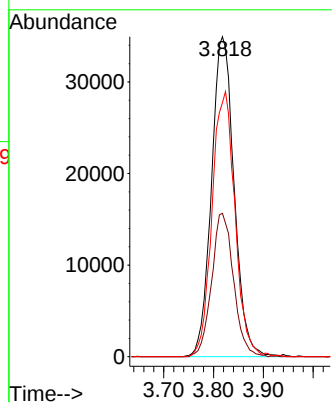
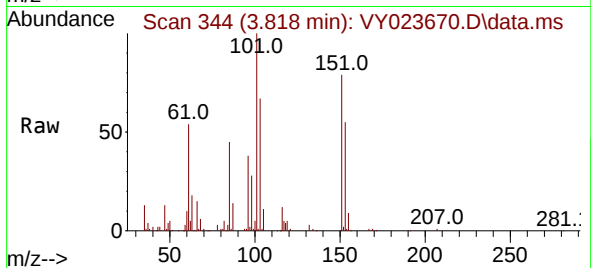




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.010 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023670.D
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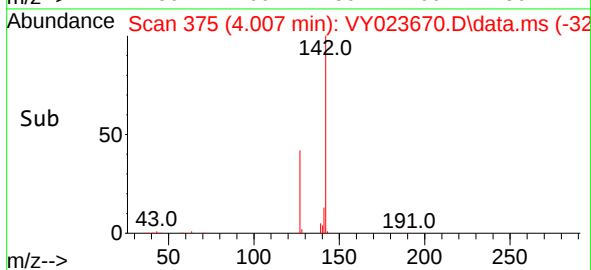
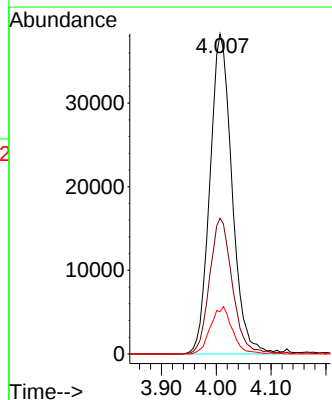
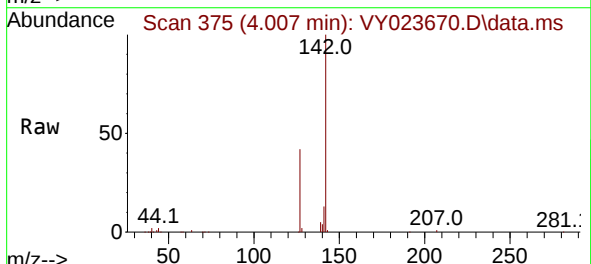
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

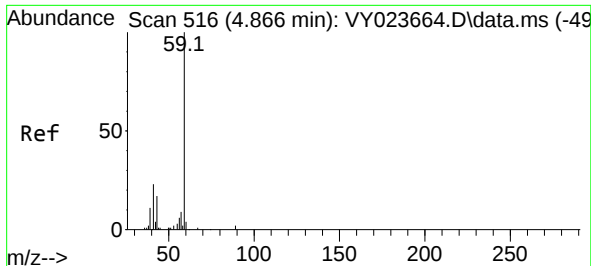
Tgt Ion:101 Resp: 110180
Ion Ratio Lower Upper
101 100
85 43.4 34.4 51.6
151 83.7 65.6 98.4



#10
Methyl Iodide
Concen: 16.500 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion:142 Resp: 107283
Ion Ratio Lower Upper
142 100
127 43.8 34.6 51.8
141 14.5 11.6 17.4

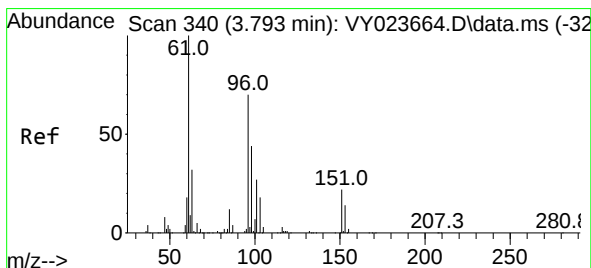
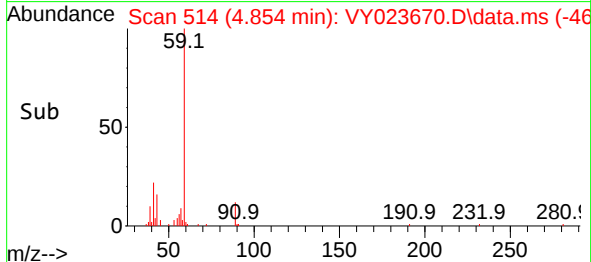
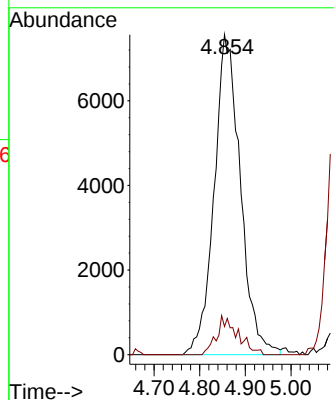
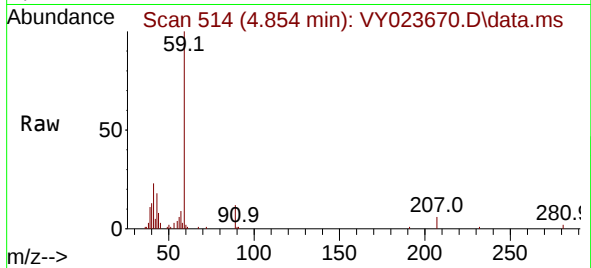




#11
Tert butyl alcohol
Concen: 92.116 ug/l
RT: 4.854 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

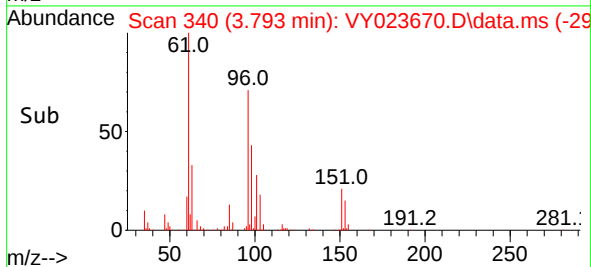
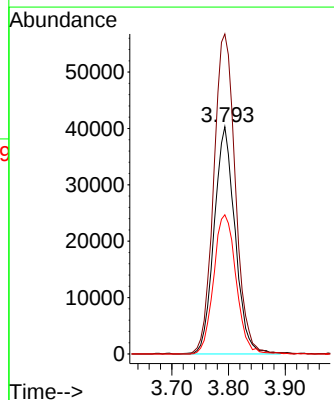
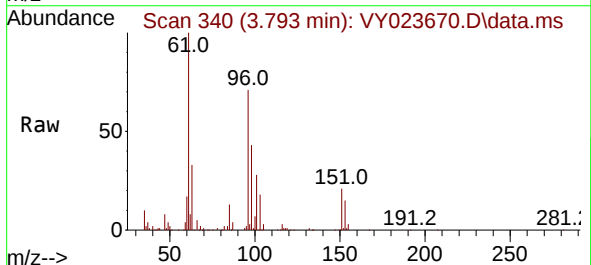
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

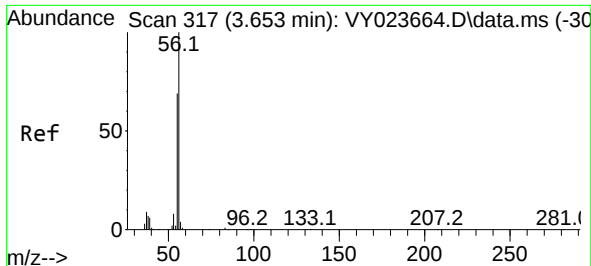
Tgt Ion: 59 Resp: 30078
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.2



#12
1,1-Dichloroethene
Concen: 19.519 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 96 Resp: 103530
Ion Ratio Lower Upper
96 100
61 140.9 114.0 171.0
98 61.2 50.2 75.2

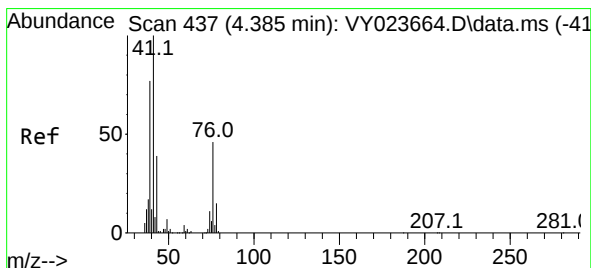
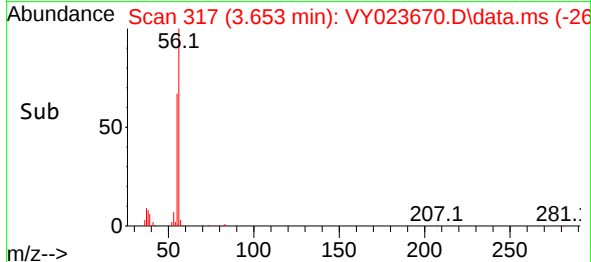
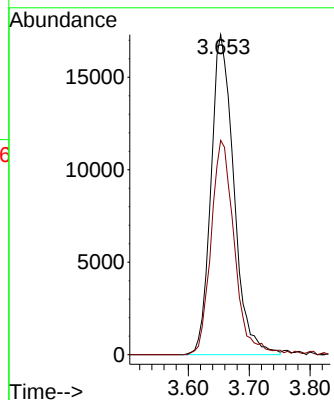
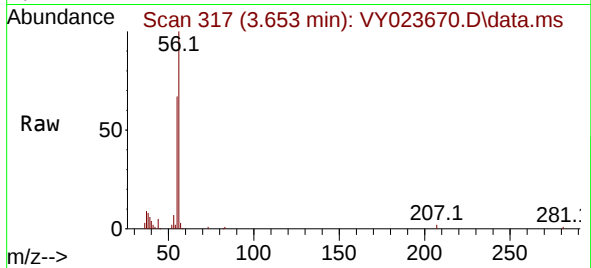




#13
Acrolein
Concen: 107.431 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

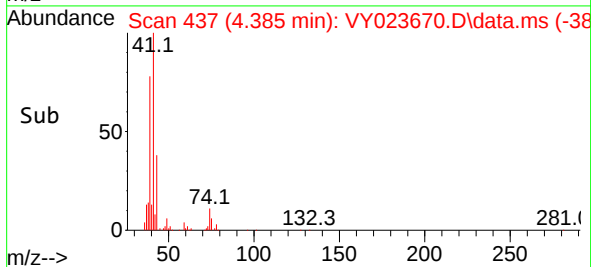
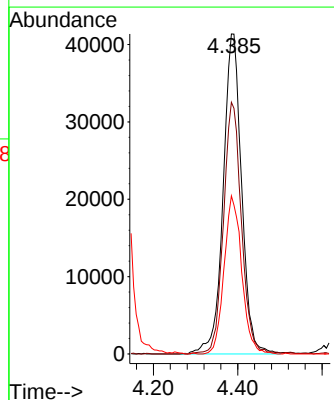
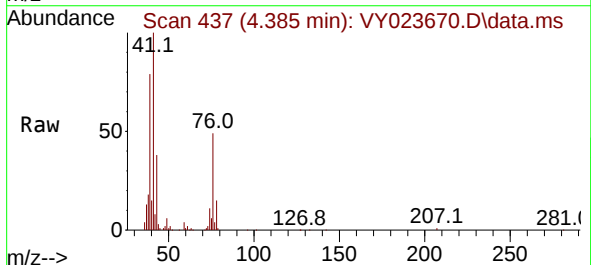
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

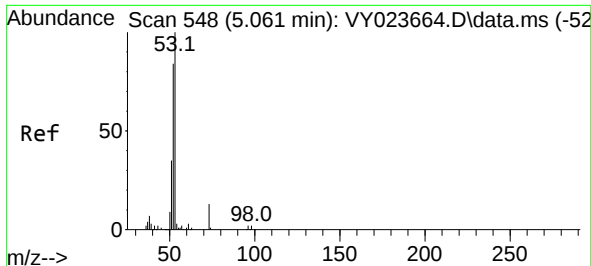
Tgt Ion: 56 Resp: 45087
Ion Ratio Lower Upper
56 100
55 68.4 56.6 84.8



#14
Allyl chloride
Concen: 19.373 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 41 Resp: 125070
Ion Ratio Lower Upper
41 100
39 76.7 60.4 90.6
76 47.2 38.0 57.0

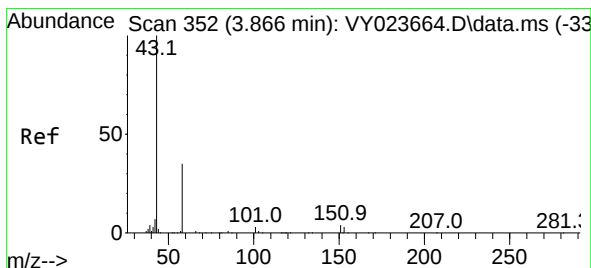
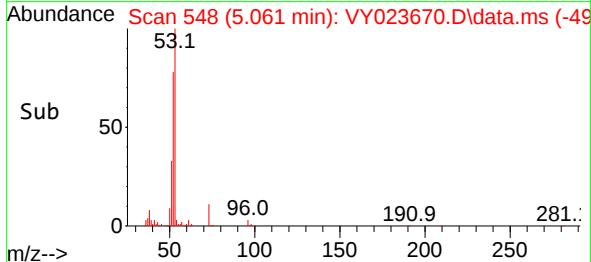
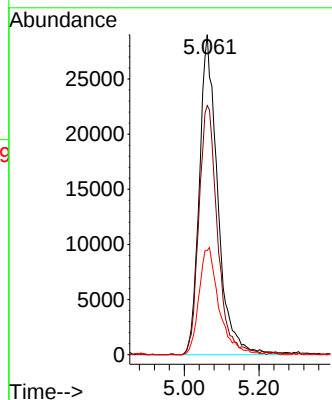
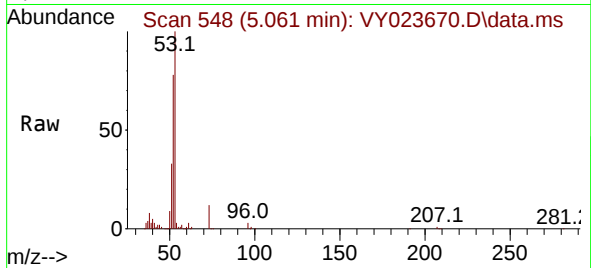




#15
Acrylonitrile
Concen: 96.352 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

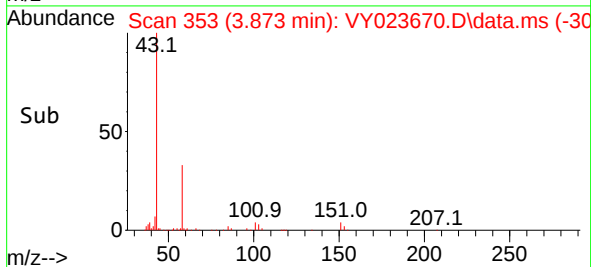
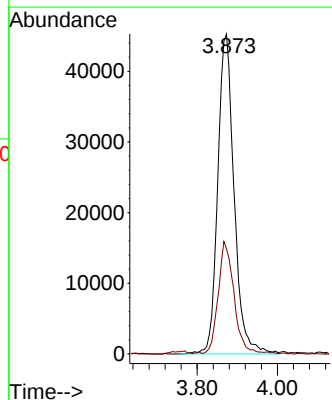
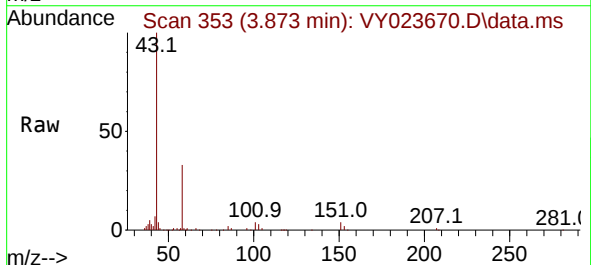
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

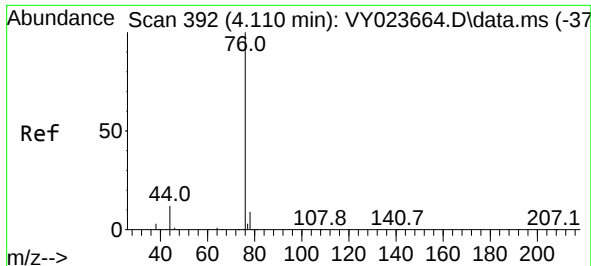
Tgt Ion: 53 Resp: 98681
Ion Ratio Lower Upper
53 100
52 79.0 64.9 97.3
51 36.6 29.4 44.0



#16
Acetone
Concen: 101.903 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 43 Resp: 128268
Ion Ratio Lower Upper
43 100
58 32.7 28.2 42.4

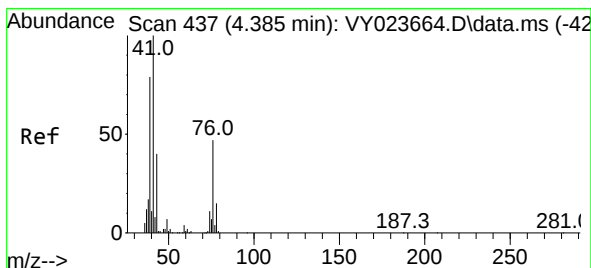
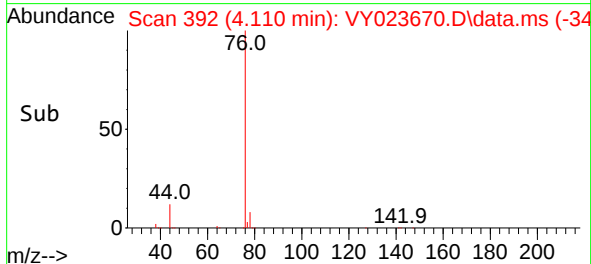
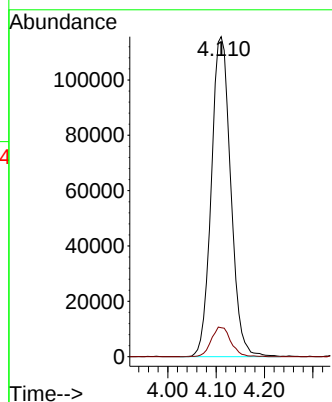
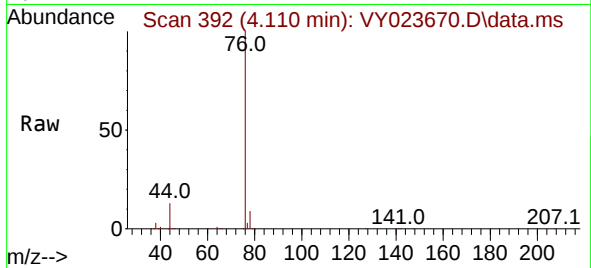




#17
Carbon Disulfide
Concen: 19.792 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

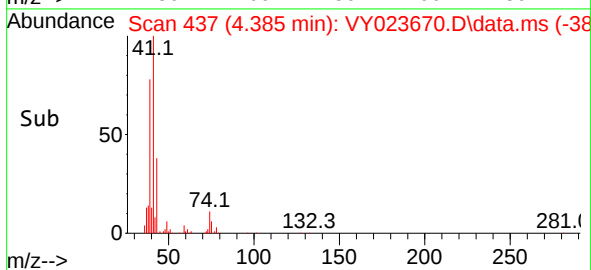
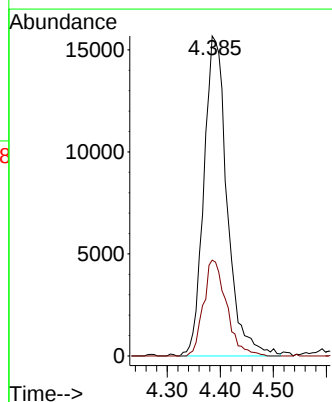
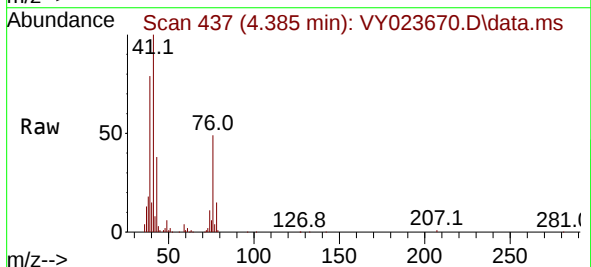
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tgt Ion: 76 Resp: 322205
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 17.237 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 43 Resp: 47857
Ion Ratio Lower Upper
43 100
74 29.6 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 19.573 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

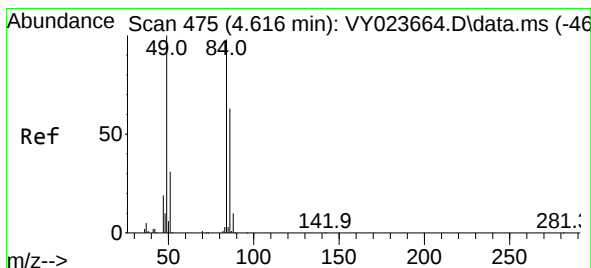
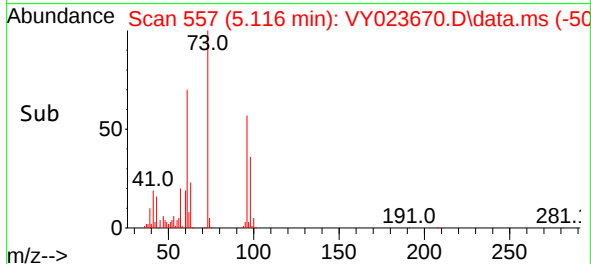
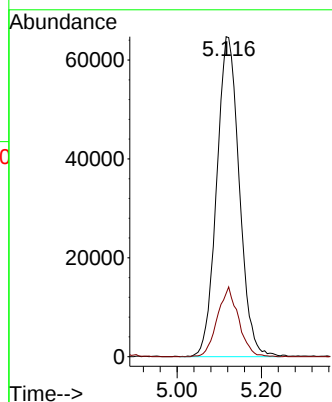
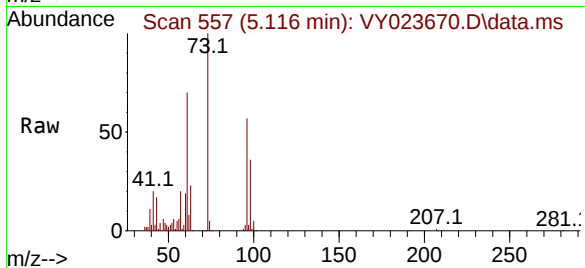
VY1104SBS01

Tgt Ion: 73 Resp: 240724

Ion Ratio Lower Upper

73 100

57 19.7 16.1 24.1



#20

Methylene Chloride

Concen: 19.053 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Tgt Ion: 84 Resp: 115777

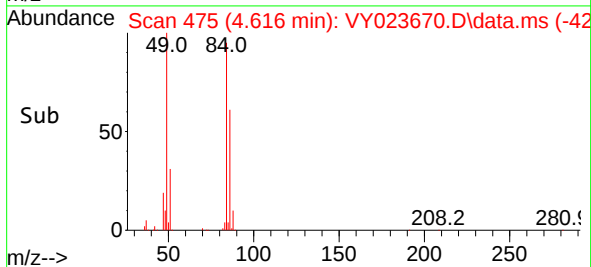
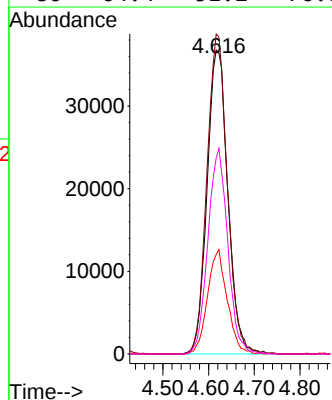
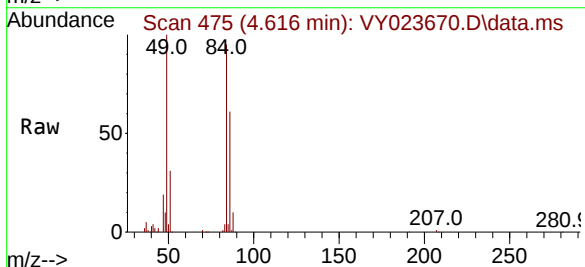
Ion Ratio Lower Upper

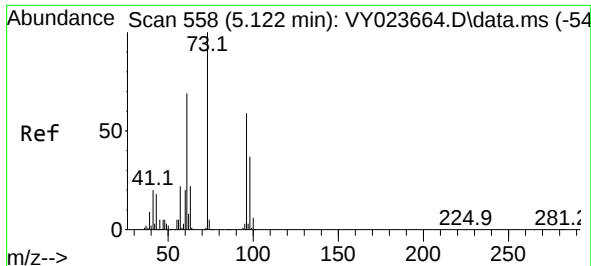
84 100

49 105.3 81.5 122.3

51 32.8 25.5 38.3

86 64.4 51.2 76.8

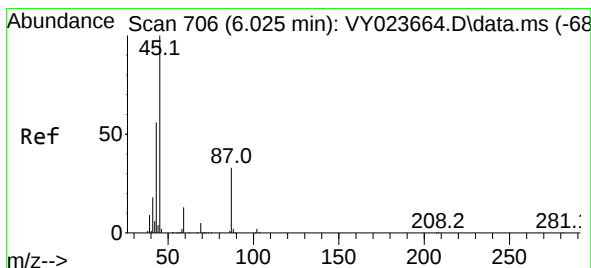
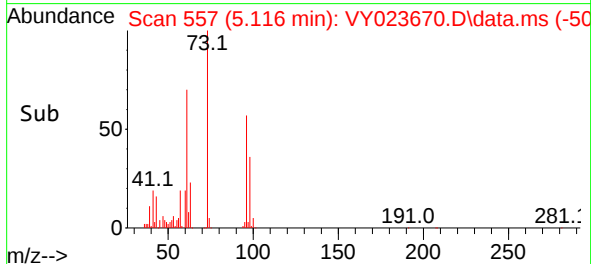
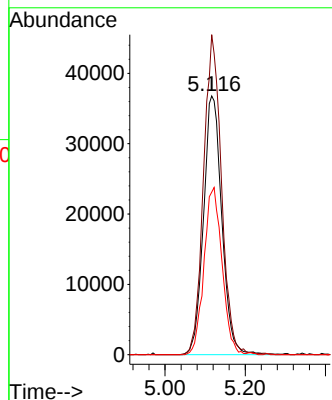
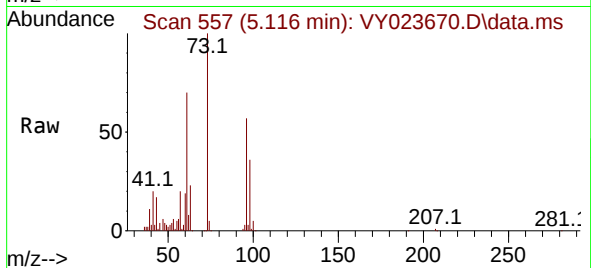




#21
trans-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

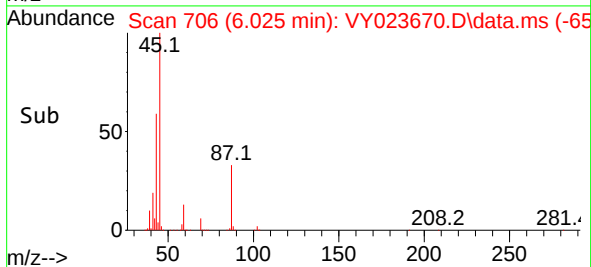
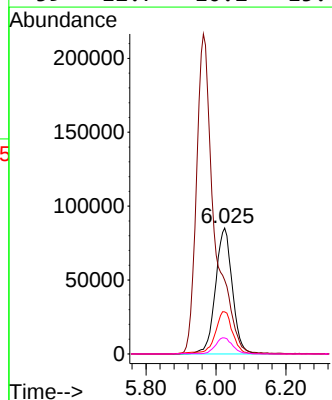
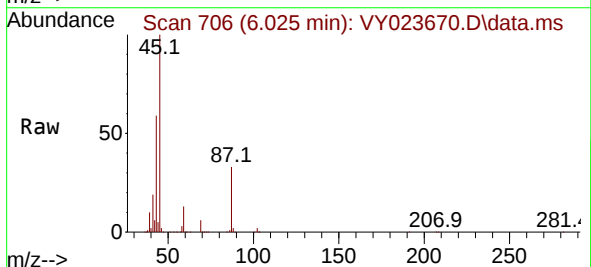
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

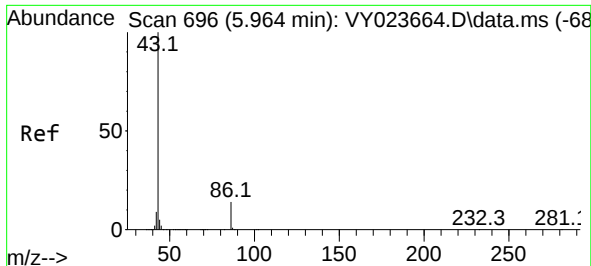
Tgt Ion: 96 Resp: 116770
Ion Ratio Lower Upper
96 100
61 123.7 93.3 139.9
98 62.9 50.6 75.8



#22
Diisopropyl ether
Concen: 19.769 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 45 Resp: 284392
Ion Ratio Lower Upper
45 100
43 58.5 44.7 67.1
87 33.4 27.2 40.8
59 12.7 10.2 15.4

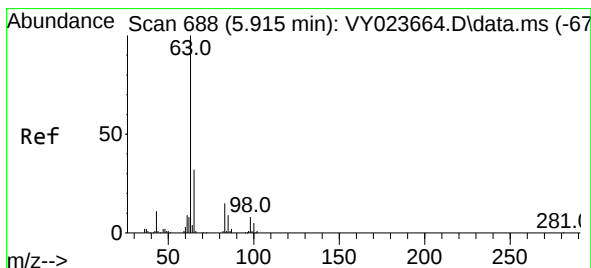
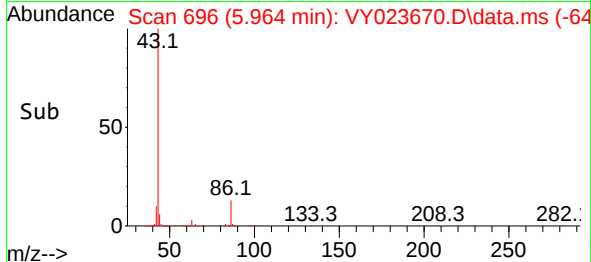
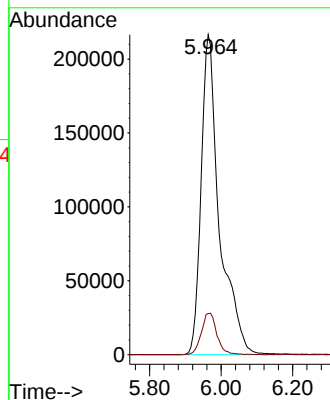
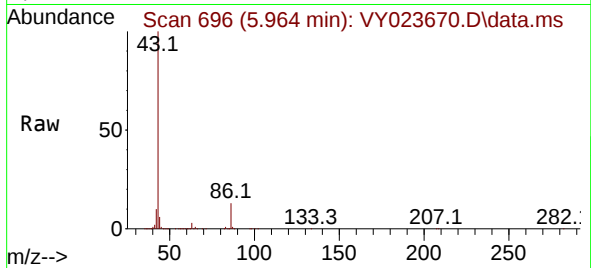




#23
 Vinyl Acetate
 Concen: 100.153 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023670.D
 Acq: 04 Nov 2025 13:14

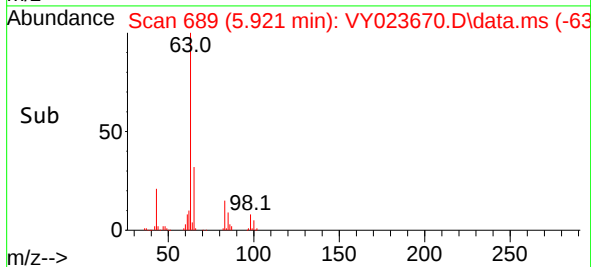
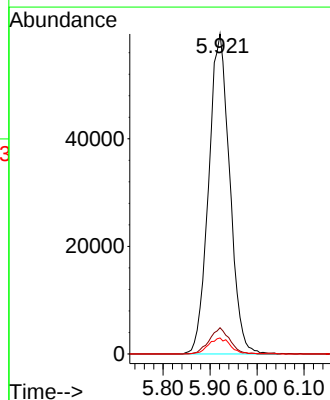
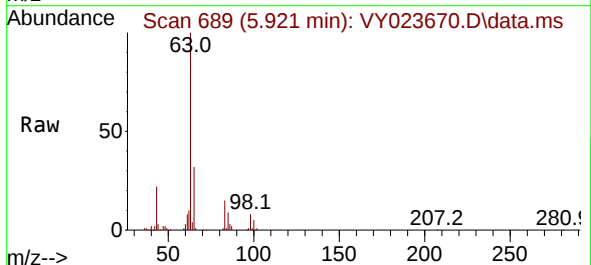
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

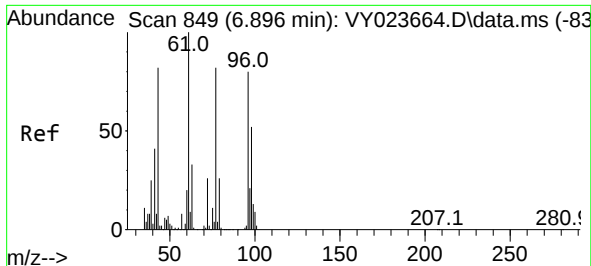
Tgt Ion: 43 Resp: 768849
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 19.301 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023670.D
 Acq: 04 Nov 2025 13:14

Tgt Ion: 63 Resp: 184974
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 11.9
 100 5.0 2.6 7.8

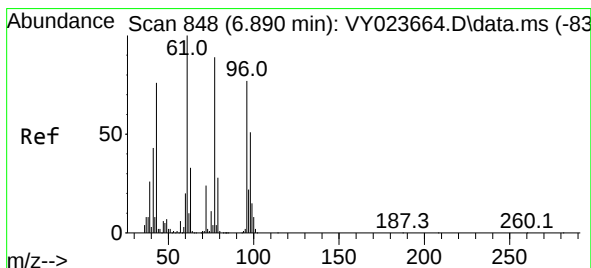
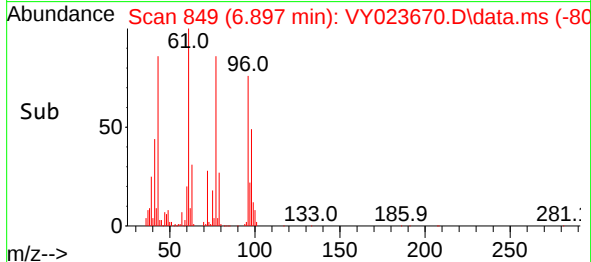
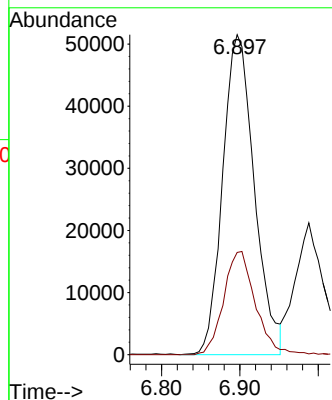
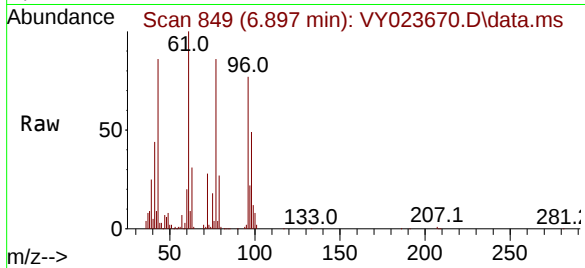




#25
2-Butanone
Concen: 99.474 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

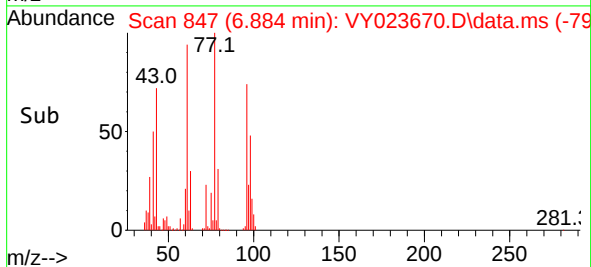
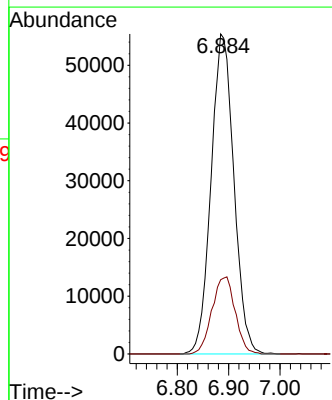
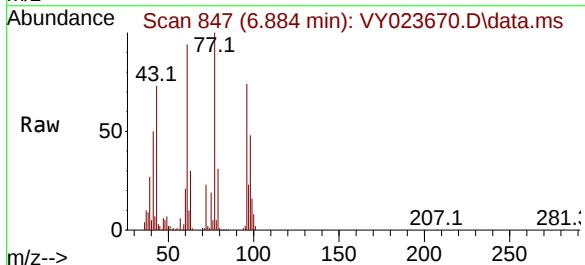
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

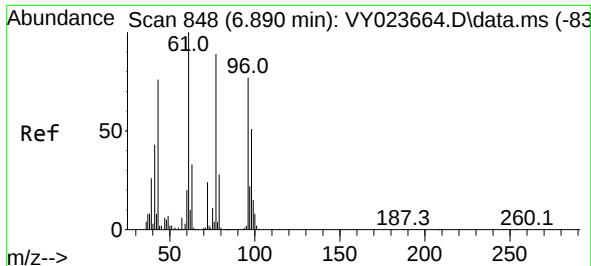
Tgt Ion: 43 Resp: 144767
Ion Ratio Lower Upper
43 100
72 32.0 25.7 38.5



#26
2,2-Dichloropropane
Concen: 19.357 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 77 Resp: 170642
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.085 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

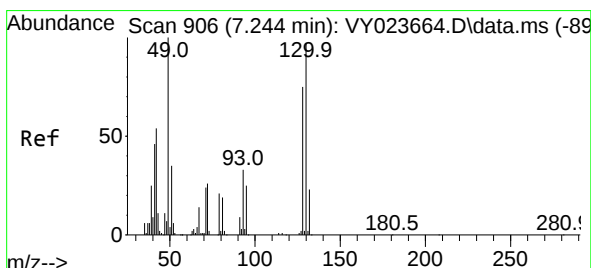
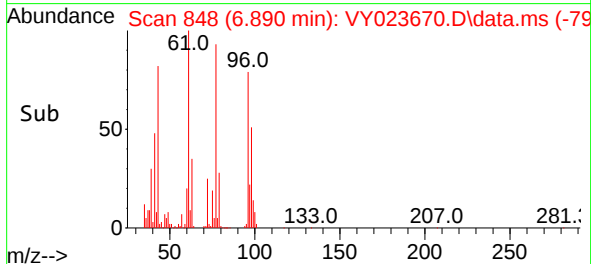
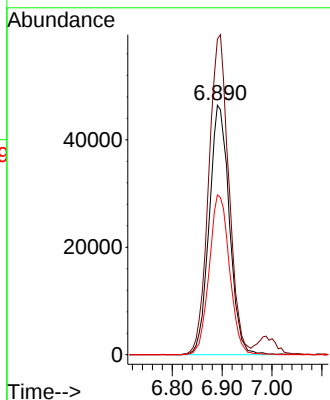
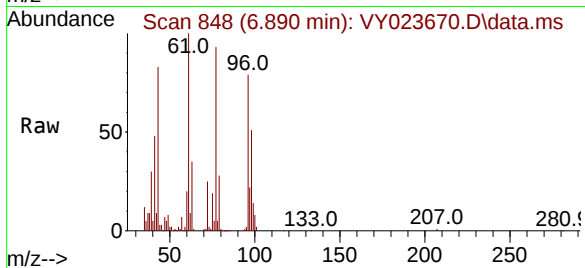
Tgt Ion: 96 Resp: 130357

Ion Ratio Lower Upper

96 100

61 128.1 0.0 255.0

98 64.6 0.0 129.8



#28

Bromochloromethane

Concen: 19.128 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

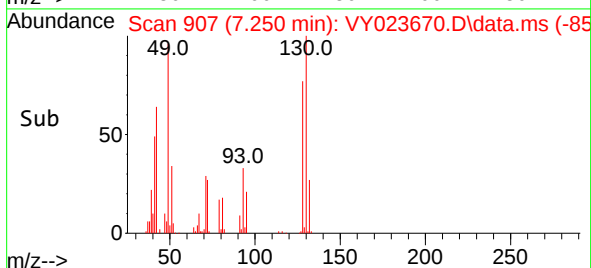
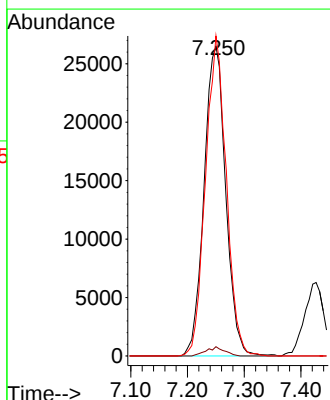
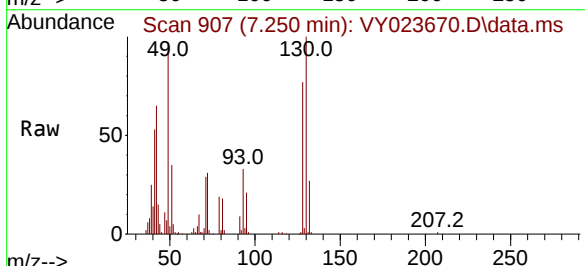
Tgt Ion: 49 Resp: 70189

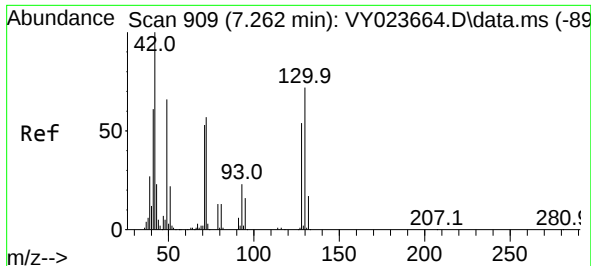
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 99.1 80.1 120.1





#29

Tetrahydrofuran

Concen: 96.499 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

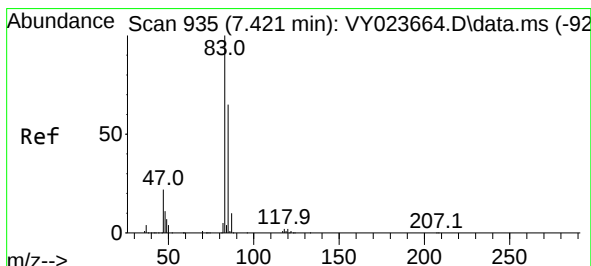
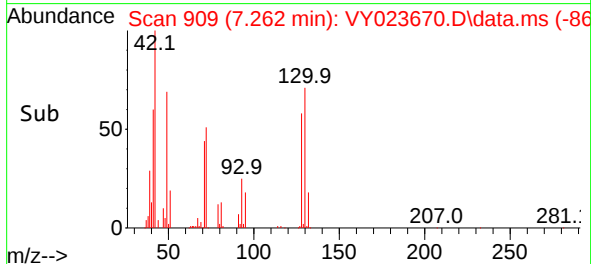
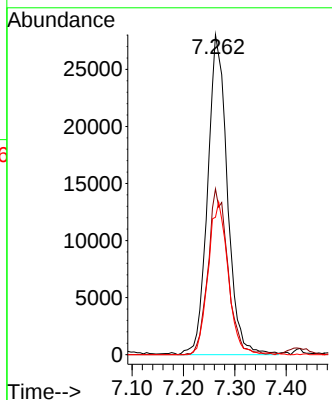
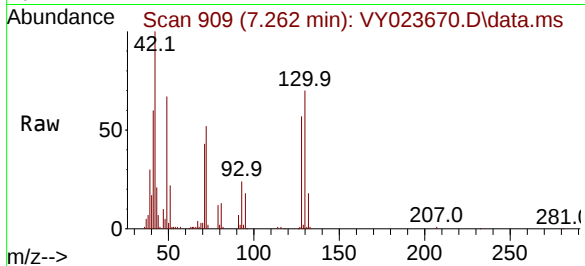
Tgt Ion: 42 Resp: 74792

Ion Ratio Lower Upper

42 100

72 52.0 43.4 65.2

71 48.2 40.7 61.1



#30

Chloroform

Concen: 19.097 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023670.D

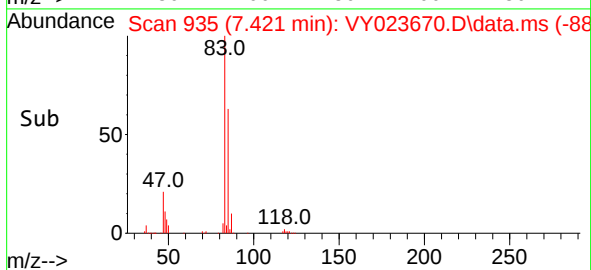
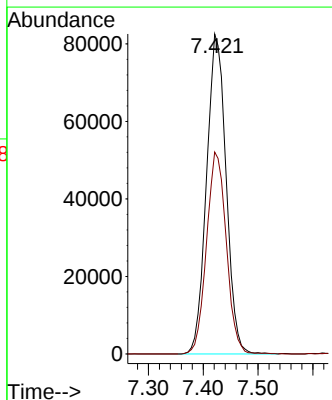
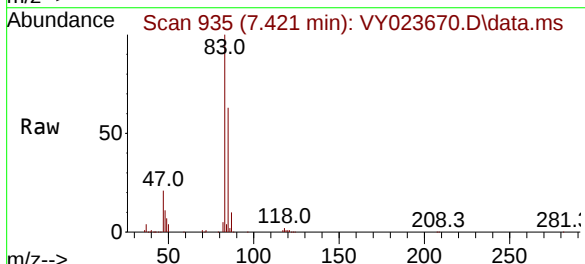
Acq: 04 Nov 2025 13:14

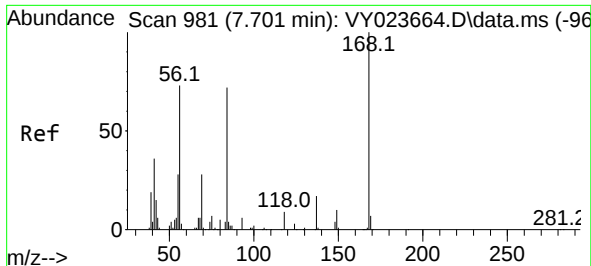
Tgt Ion: 83 Resp: 204195

Ion Ratio Lower Upper

83 100

85 63.1 52.1 78.1

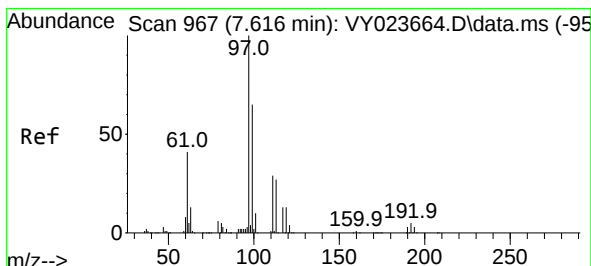
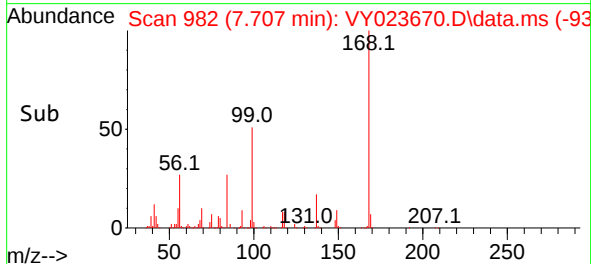
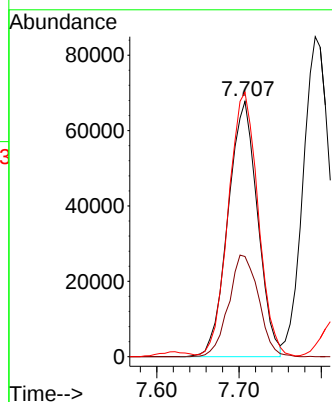
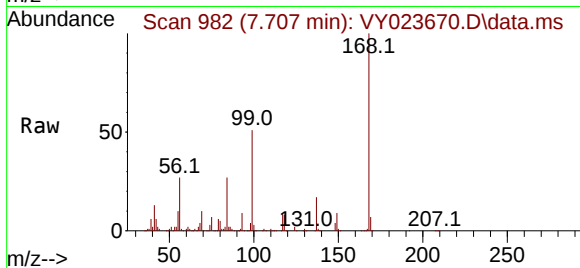




#31
Cyclohexane
Concen: 20.296 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

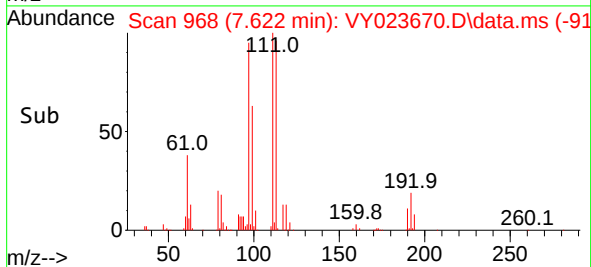
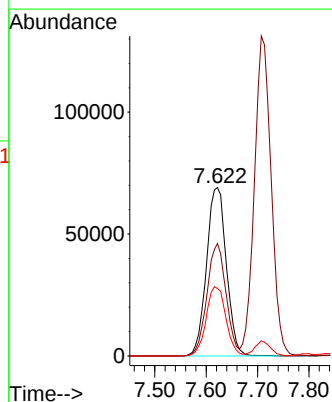
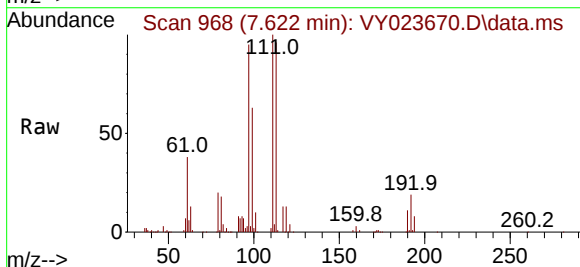
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

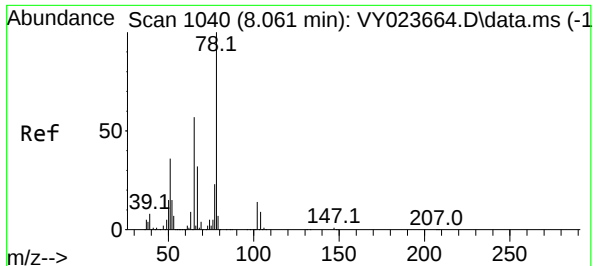
Tgt Ion: 56 Resp: 169389
Ion Ratio Lower Upper
56 100
69 39.2 30.5 45.7
84 102.0 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 19.414 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 97 Resp: 185530
Ion Ratio Lower Upper
97 100
99 64.3 51.5 77.3
61 40.7 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 46.816 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

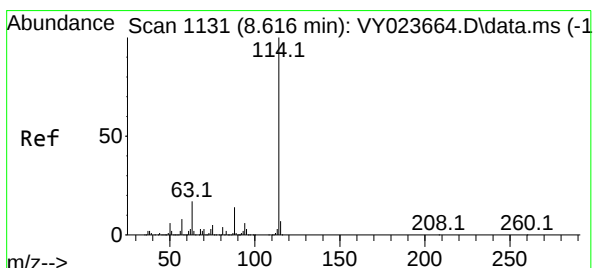
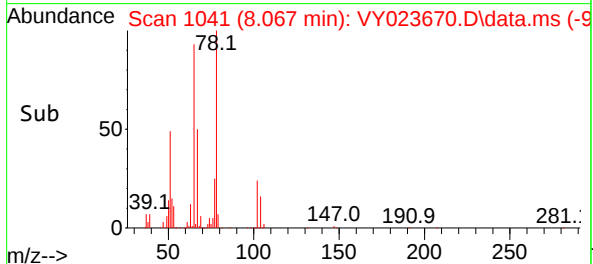
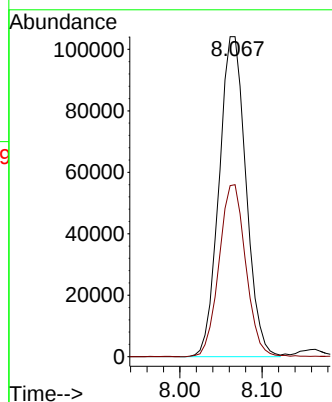
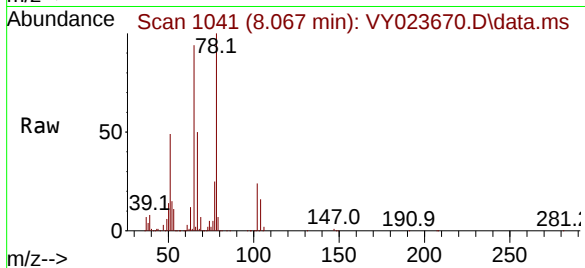
VY1104SBS01

Tgt Ion: 65 Resp: 237072

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

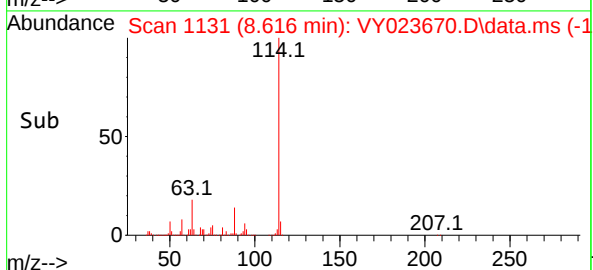
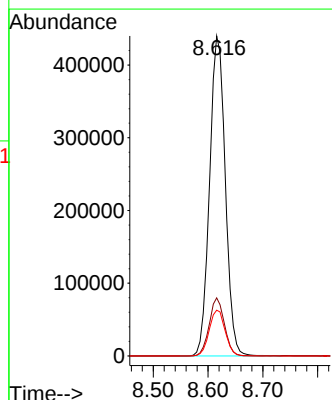
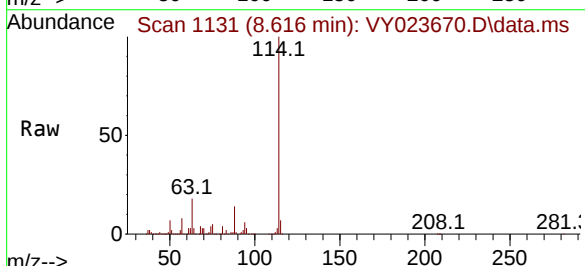
Tgt Ion: 114 Resp: 873933

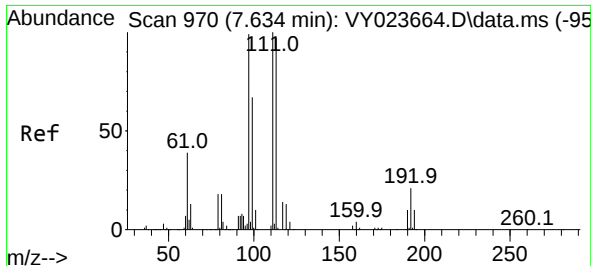
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.8

88 14.3 0.0 29.0

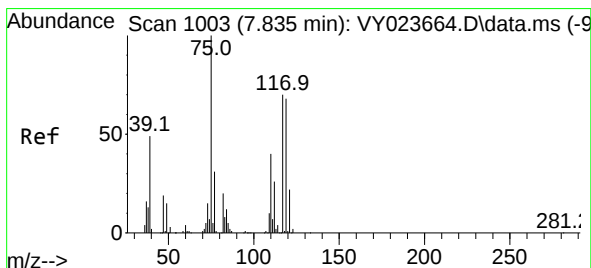
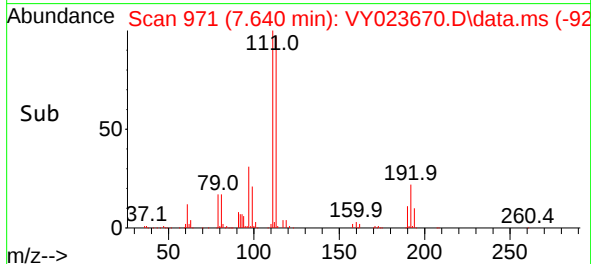
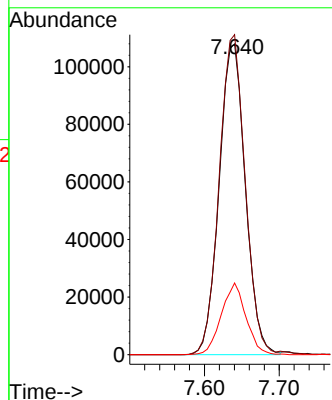
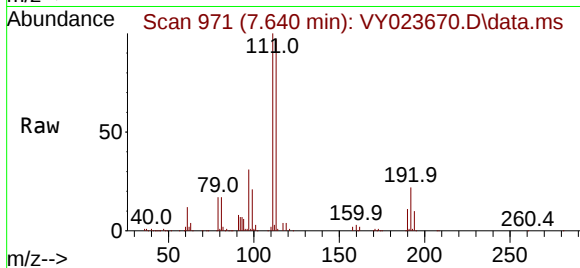




#35
Dibromofluoromethane
Concen: 48.232 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

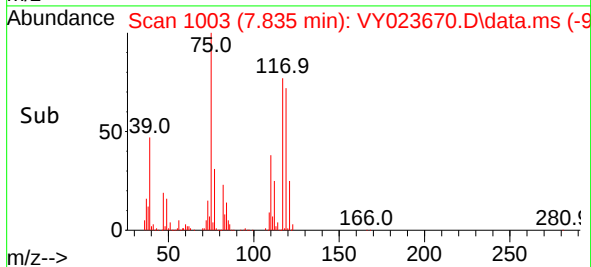
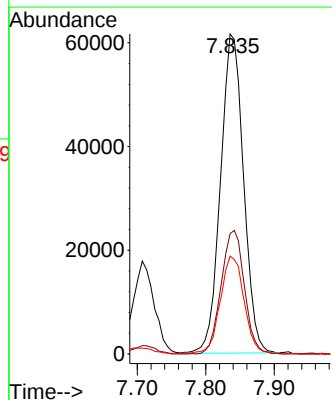
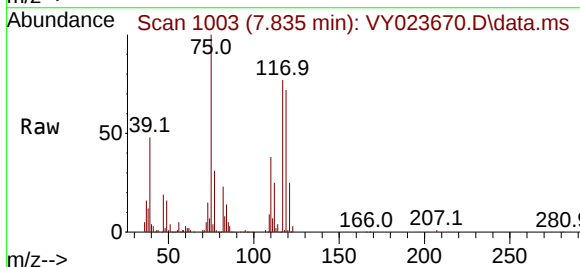
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tgt Ion:113 Resp: 263418
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 21.7 17.3 25.9



#36
1,1-Dichloropropene
Concen: 19.646 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 75 Resp: 143378
Ion Ratio Lower Upper
75 100
110 39.0 19.7 59.0
77 31.7 25.2 37.8





#37

Ethyl Acetate

Concen: 19.575 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

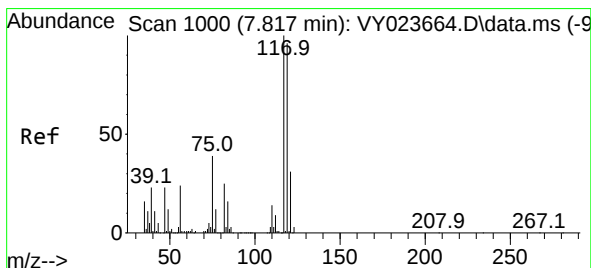
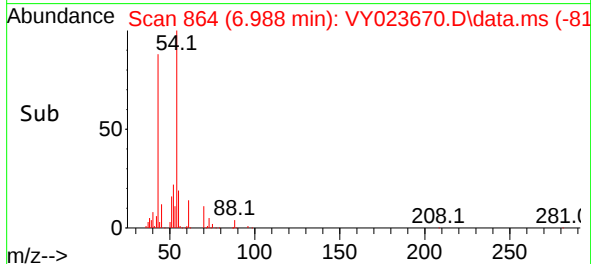
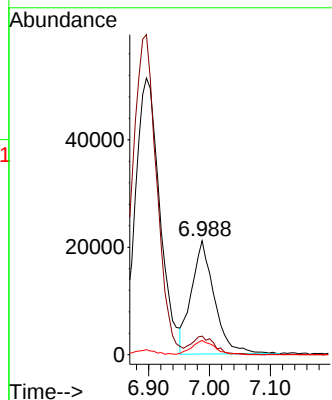
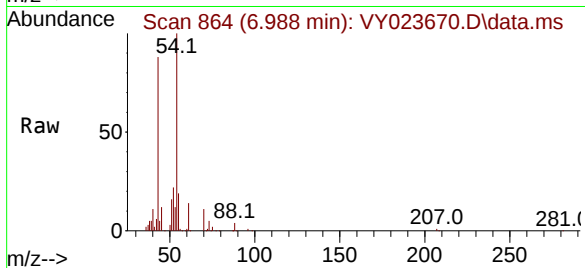
Tgt Ion: 43 Resp: 55303

Ion Ratio Lower Upper

43 100

61 16.7 12.4 18.6

70 12.3 9.8 14.8



#38

Carbon Tetrachloride

Concen: 19.901 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

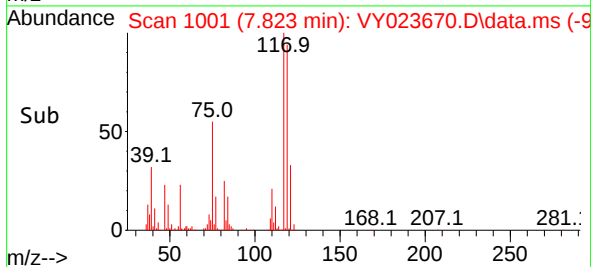
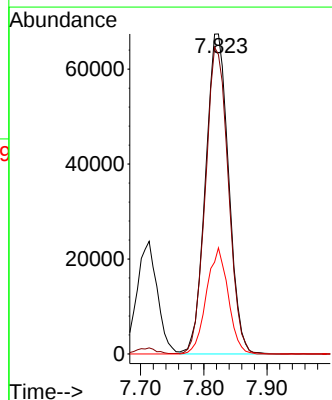
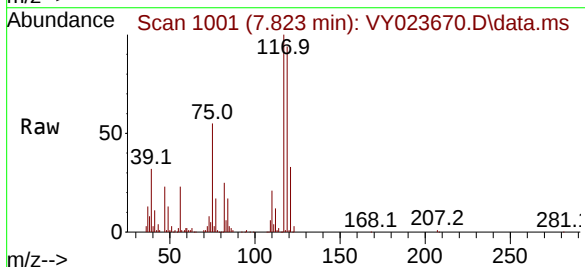
Tgt Ion: 117 Resp: 171122

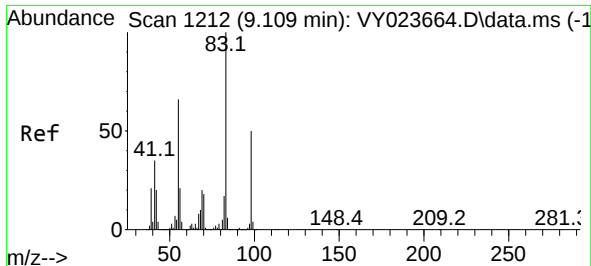
Ion Ratio Lower Upper

117 100

119 93.6 76.3 114.5

121 33.1 24.8 37.2





#39

Methylcyclohexane

Concen: 20.477 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

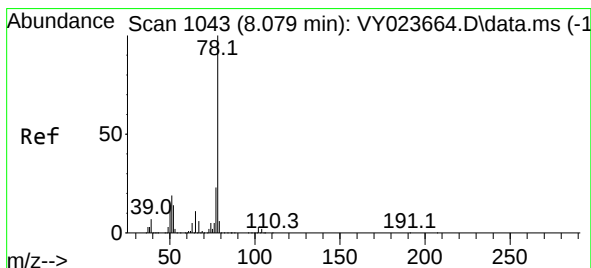
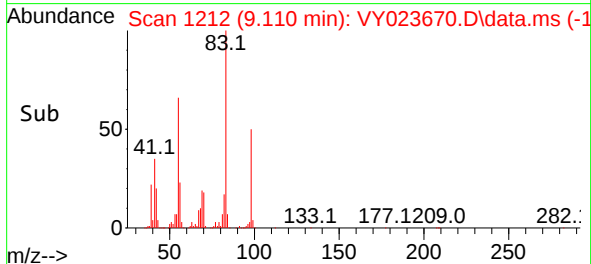
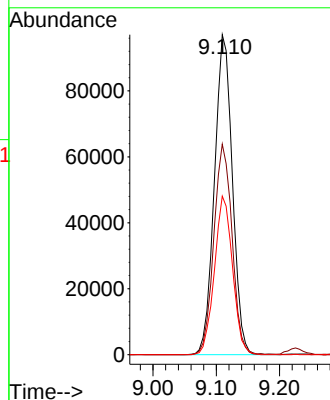
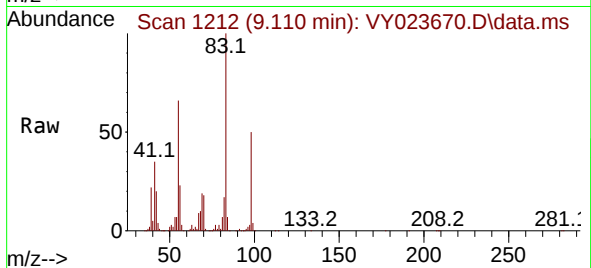
Tgt Ion: 83 Resp: 190946

Ion Ratio Lower Upper

83 100

55 65.8 52.6 78.8

98 49.6 39.7 59.5



#40

Benzene

Concen: 19.520 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023670.D

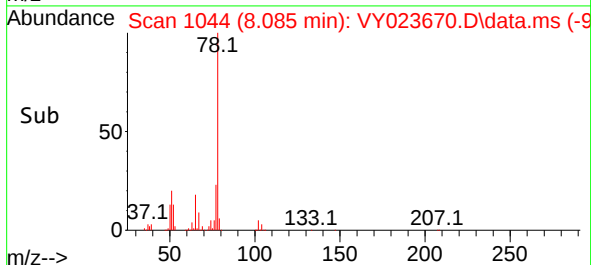
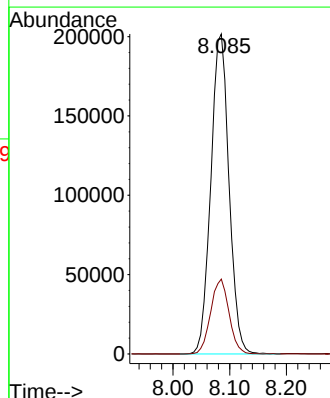
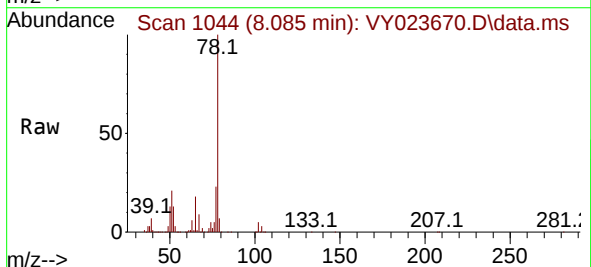
Acq: 04 Nov 2025 13:14

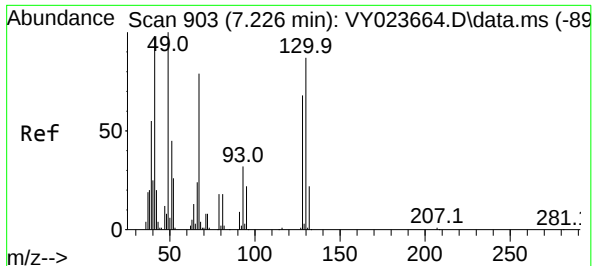
Tgt Ion: 78 Resp: 449040

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2

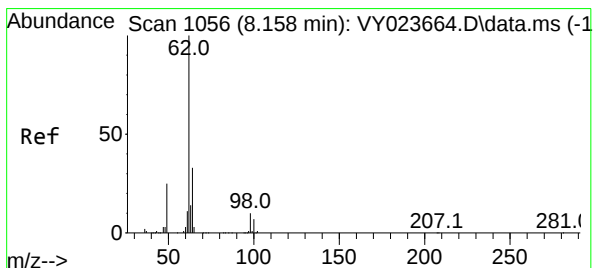
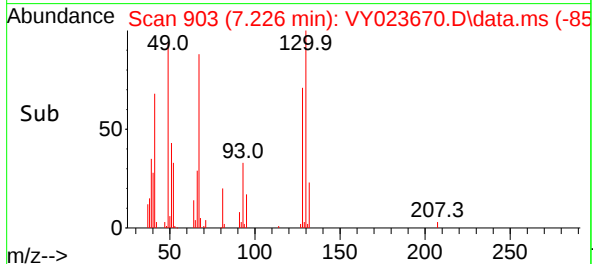
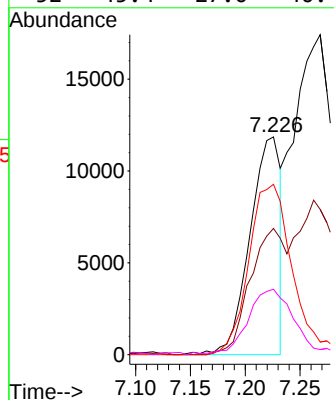
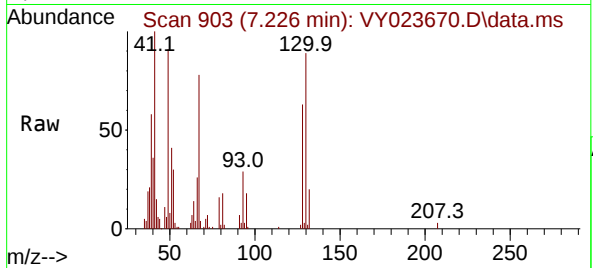




#41
Methacrylonitrile
Concen: 14.996 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

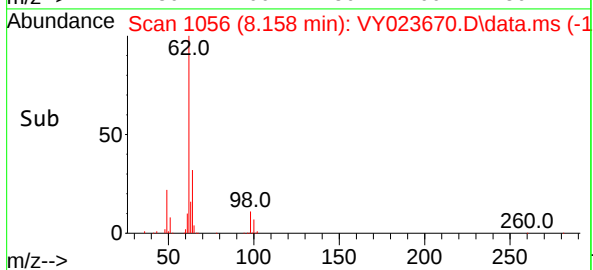
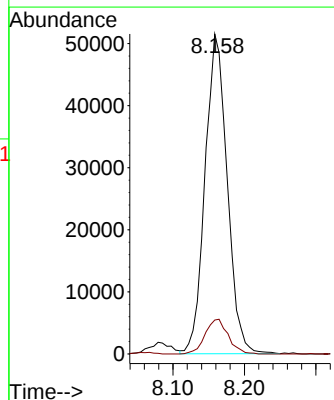
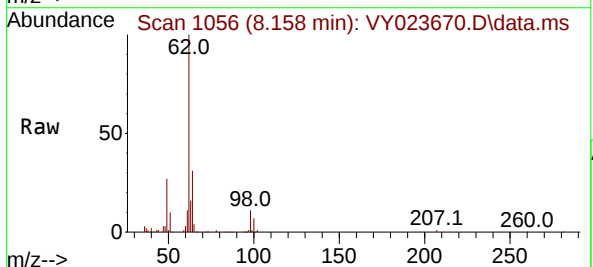
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

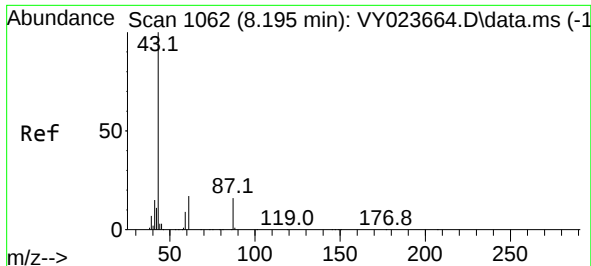
Tgt Ion: 41 Resp: 23126
Ion Ratio Lower Upper
41 100
39 67.5 38.6 57.8#
67 110.9 71.3 106.9#
52 45.4 27.0 40.4#



#42
1,2-Dichloroethane
Concen: 19.068 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 62 Resp: 110974
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.0

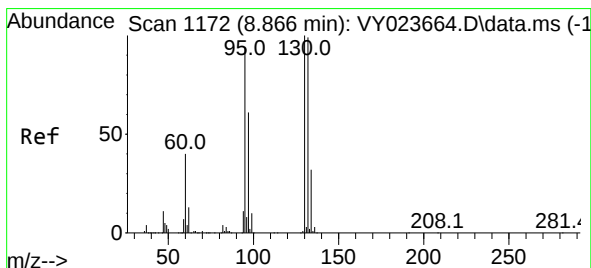
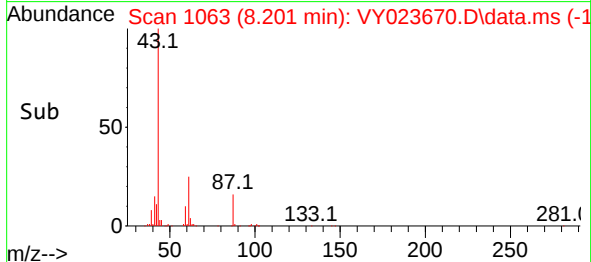
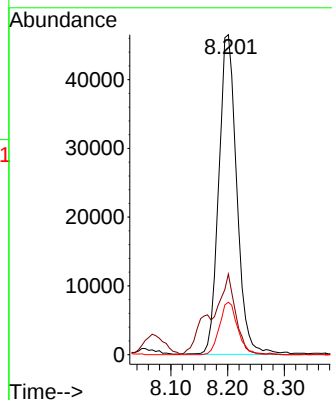
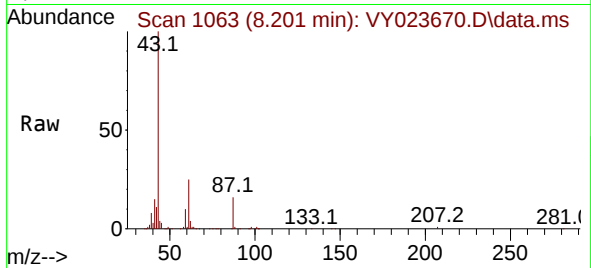




#43
Isopropyl Acetate
Concen: 19.270 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

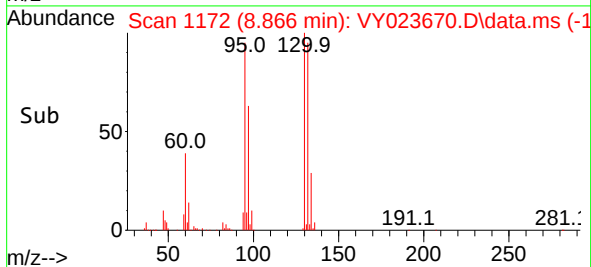
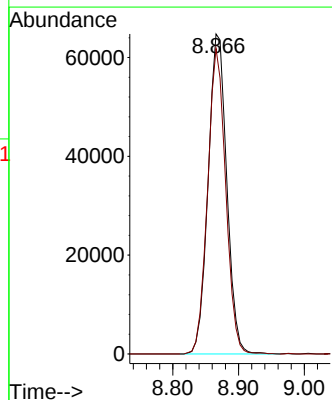
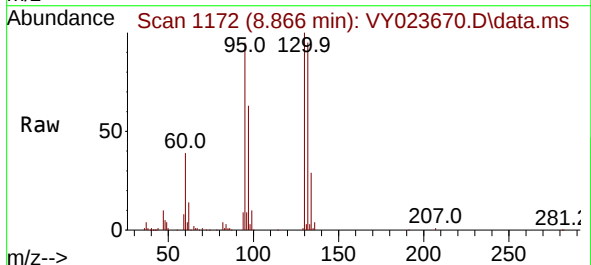
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

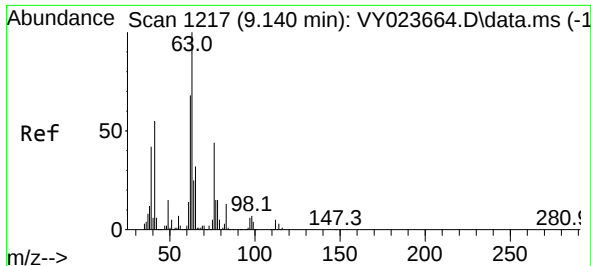
Tgt Ion: 43 Resp: 102289
Ion Ratio Lower Upper
43 100
61 23.4 18.2 27.2
87 16.5 13.3 19.9



#44
Trichloroethene
Concen: 19.300 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion:130 Resp: 127516
Ion Ratio Lower Upper
130 100
95 95.5 0.0 187.0





#45

1,2-Dichloropropane

Concen: 19.263 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

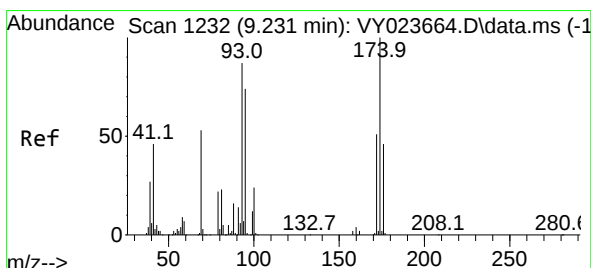
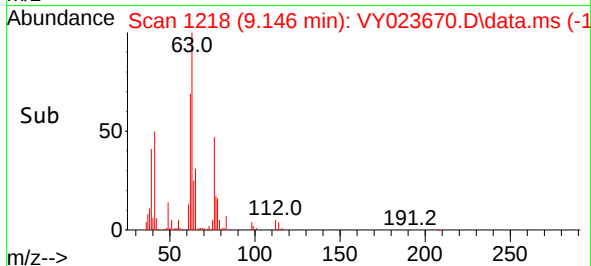
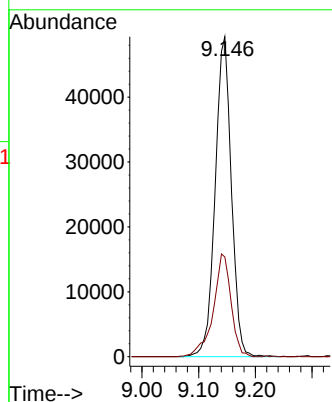
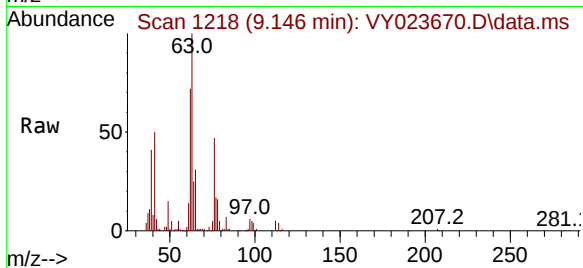
VY1104SBS01

Tgt Ion: 63 Resp: 97798

Ion Ratio Lower Upper

63 100

65 31.2 25.6 38.4



#46

Dibromomethane

Concen: 19.267 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

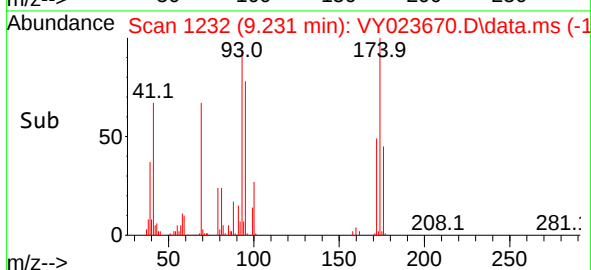
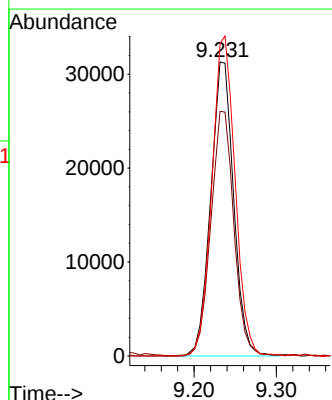
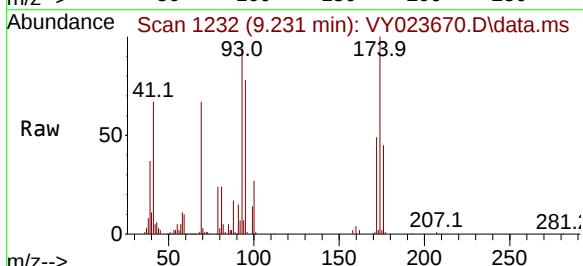
Tgt Ion: 93 Resp: 60607

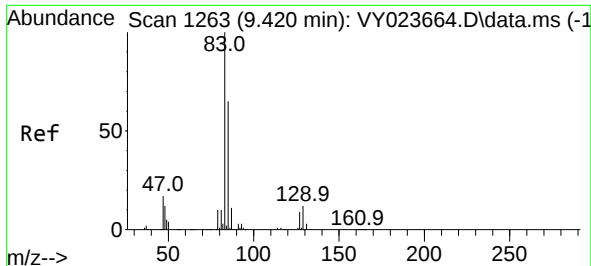
Ion Ratio Lower Upper

93 100

95 83.6 67.4 101.2

174 110.4 89.4 134.0

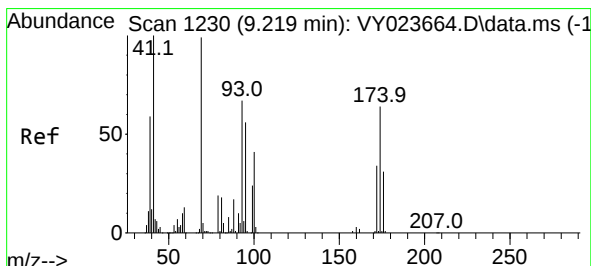
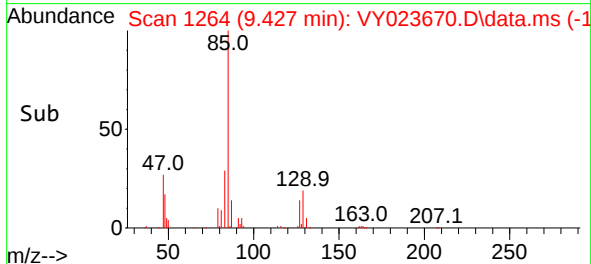
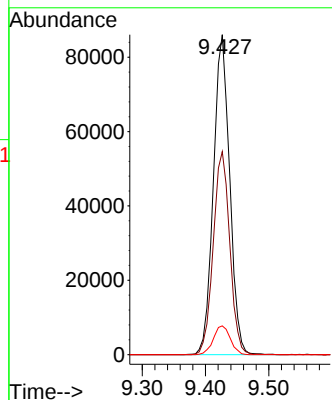
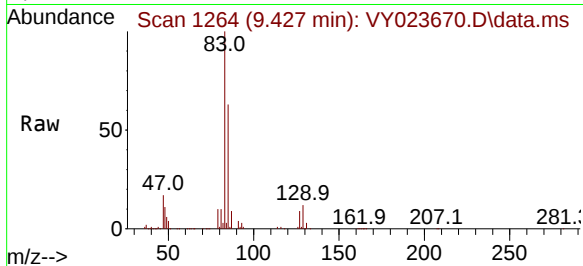




#47
Bromodichloromethane
Concen: 19.342 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

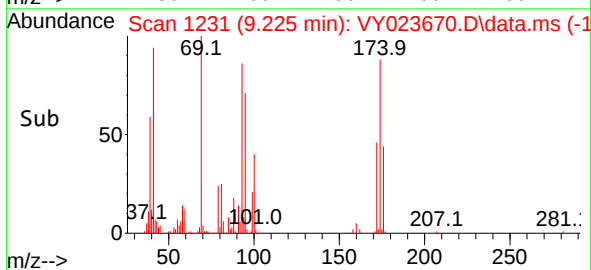
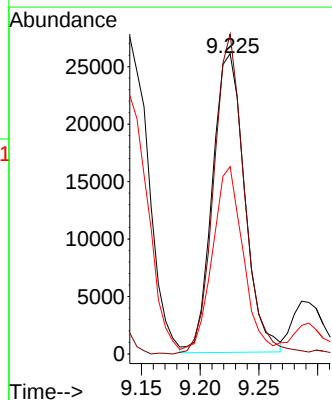
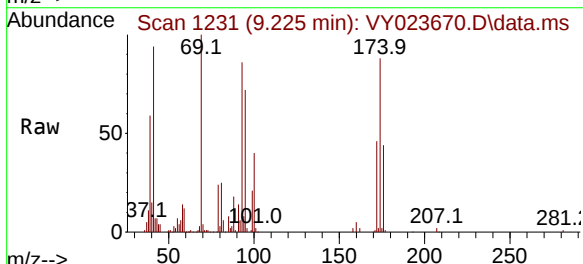
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

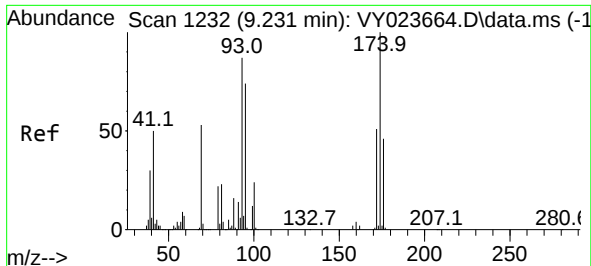
Tgt Ion: 83 Resp: 153399
Ion Ratio Lower Upper
83 100
85 63.5 52.1 78.1
127 9.0 7.5 11.3



#48
Methyl methacrylate
Concen: 19.817 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 41 Resp: 49701
Ion Ratio Lower Upper
41 100
69 100.4 80.2 120.2
39 56.9 47.4 71.0





#49

1,4-Dioxane

Concen: 371.108 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

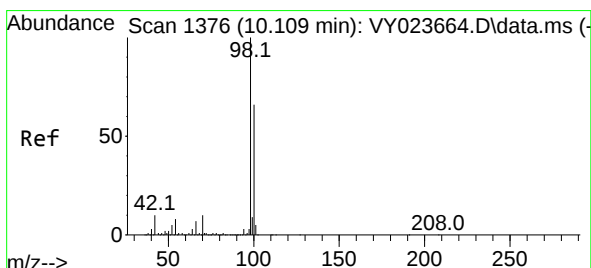
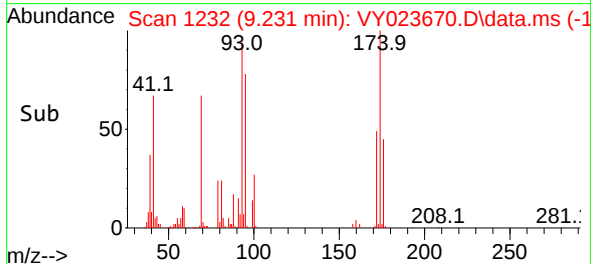
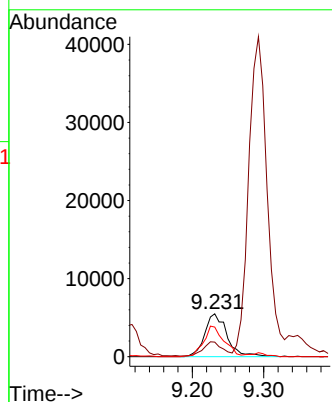
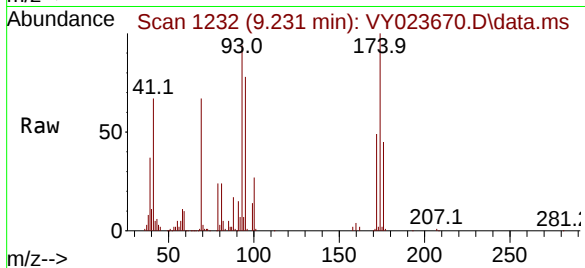
Tgt Ion: 88 Resp: 11947

Ion Ratio Lower Upper

88 100

43 28.2 22.0 33.0

58 64.5 47.8 71.8



#50

Toluene-d8

Concen: 49.382 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023670.D

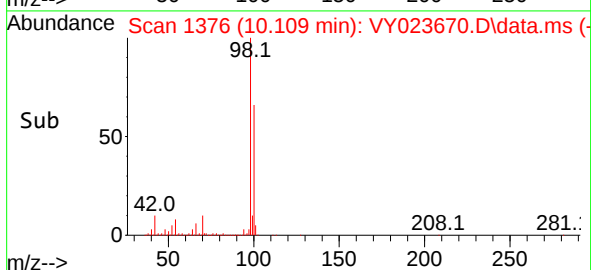
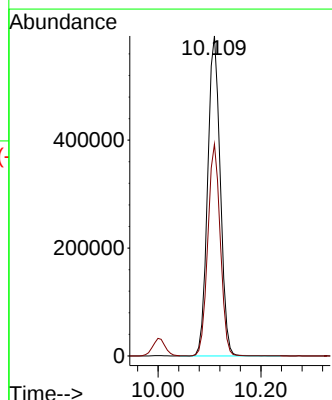
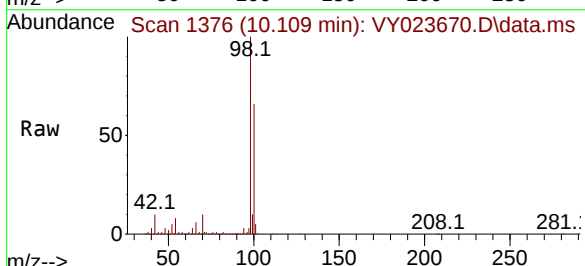
Acq: 04 Nov 2025 13:14

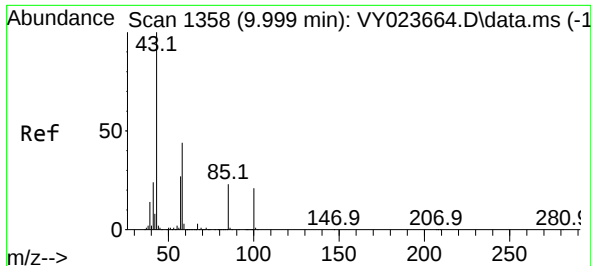
Tgt Ion: 98 Resp: 1004651

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 97.136 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

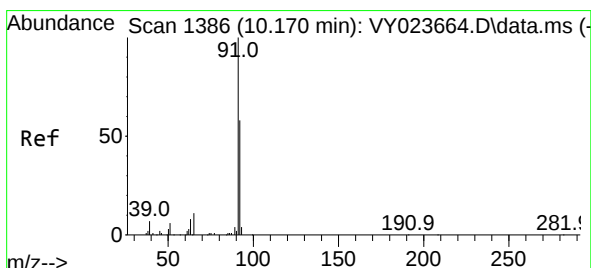
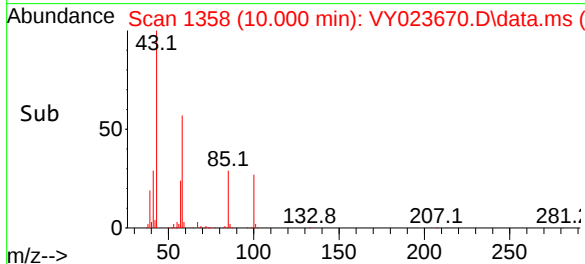
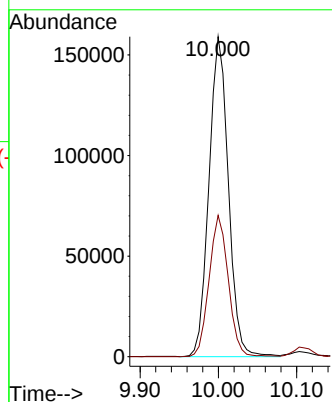
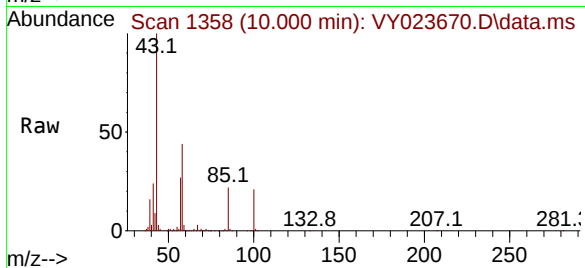
VY1104SBS01

Tgt Ion: 43 Resp: 274212

Ion Ratio Lower Upper

43 100

58 43.7 34.8 52.2



#52

Toluene

Concen: 19.987 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023670.D

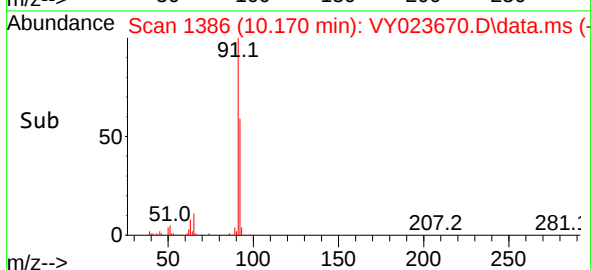
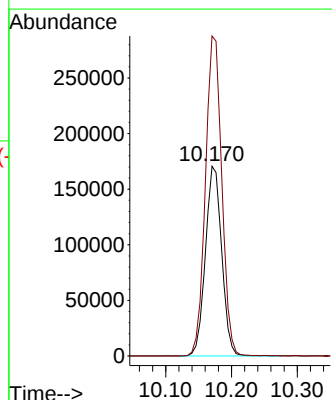
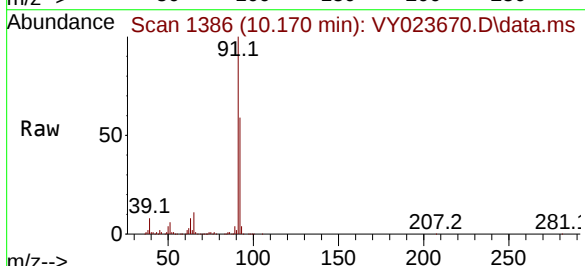
Acq: 04 Nov 2025 13:14

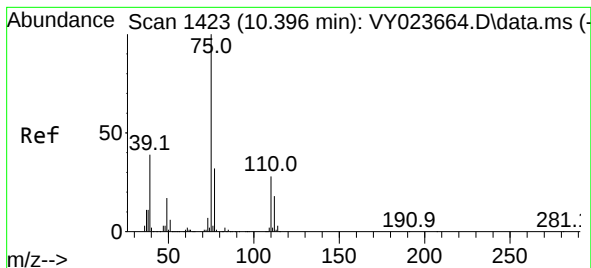
Tgt Ion: 92 Resp: 293532

Ion Ratio Lower Upper

92 100

91 169.5 137.8 206.8

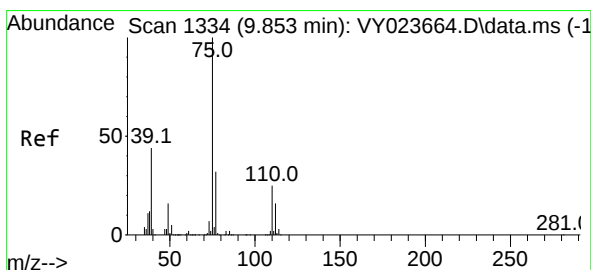
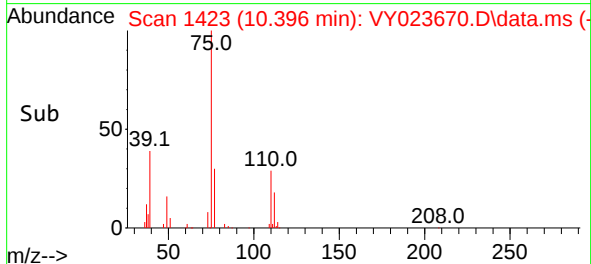
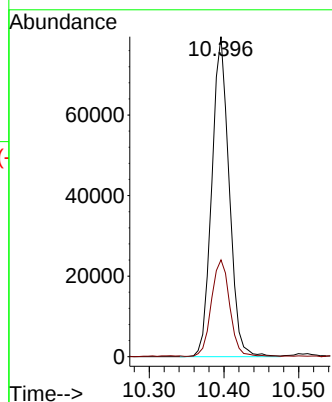
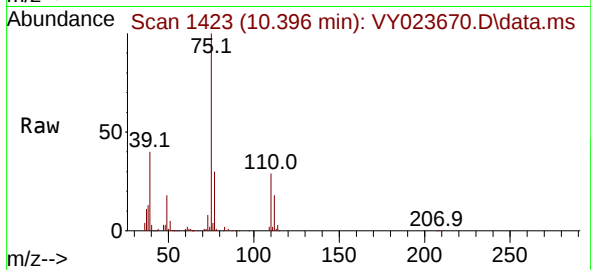




#53
 t-1,3-Dichloropropene
 Concen: 19.149 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY023670.D
 Acq: 04 Nov 2025 13:14

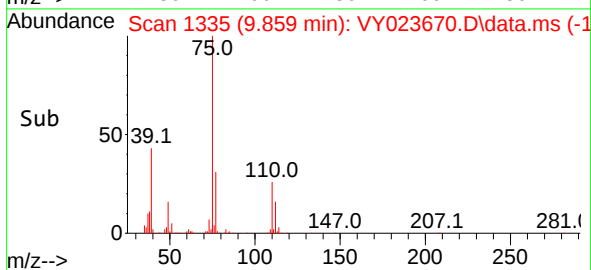
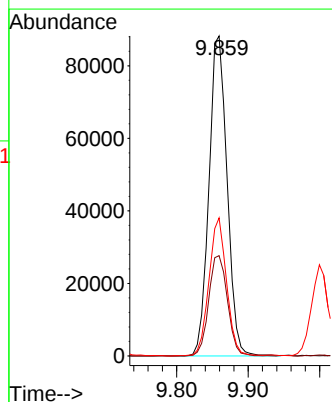
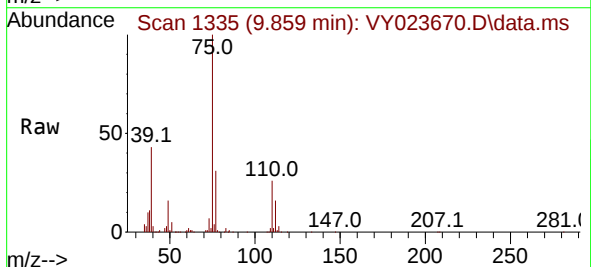
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

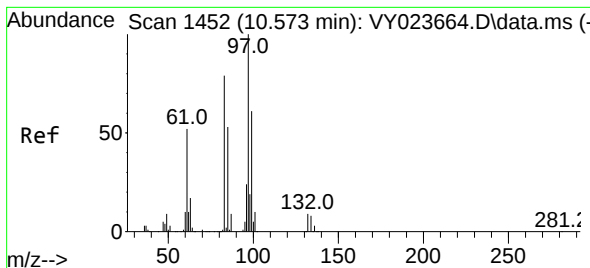
Tgt Ion: 75 Resp: 128502
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.328 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023670.D
 Acq: 04 Nov 2025 13:14

Tgt Ion: 75 Resp: 155402
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.7 38.5
 39 43.1 34.9 52.3

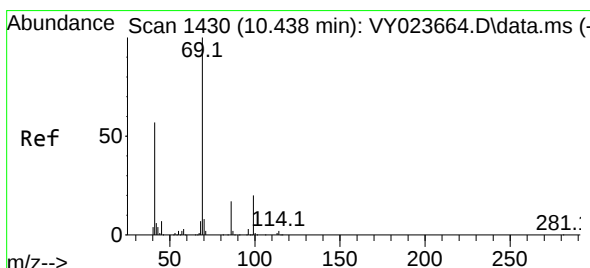
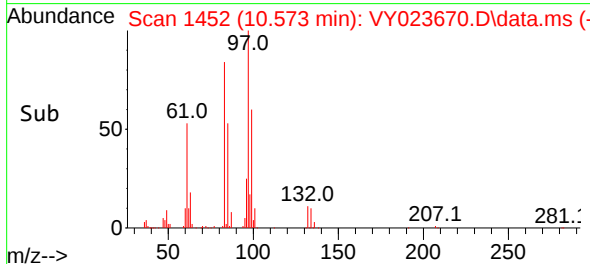
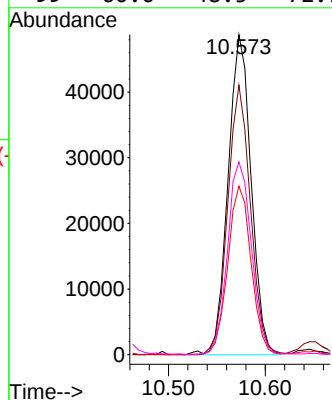
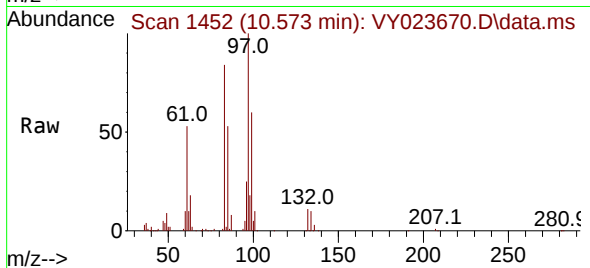




#55
1,1,2-Trichloroethane
Concen: 19.194 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

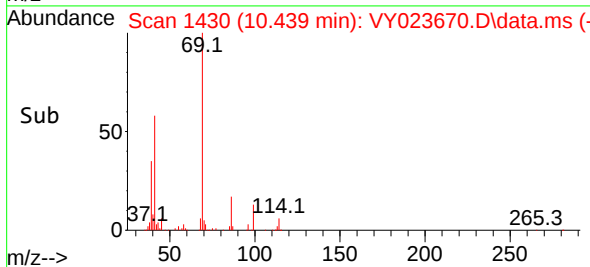
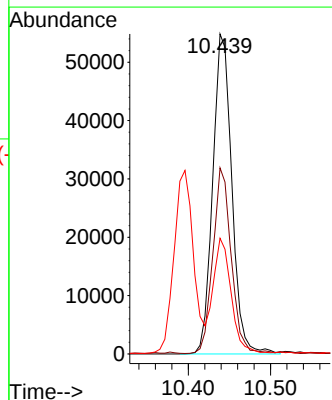
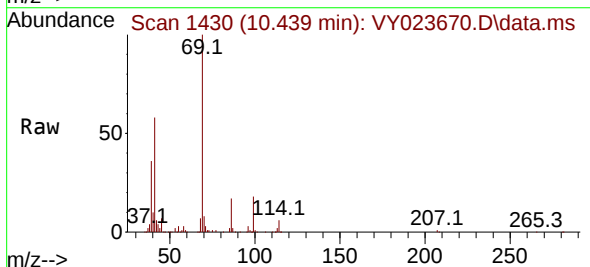
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

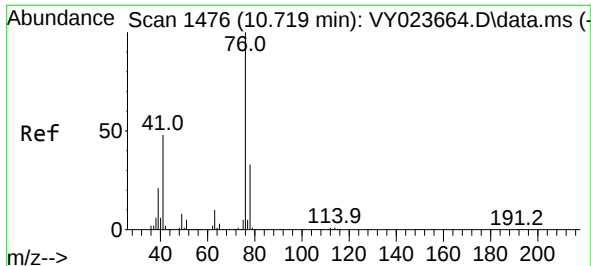
Tgt Ion: 97	Resp: 80688
Ion Ratio	Lower Upper
97 100	
83 84.1	63.3 94.9
85 52.6	42.4 63.6
99 60.0	48.5 72.7



#56
Ethyl methacrylate
Concen: 19.129 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 69	Resp: 88601
Ion Ratio	Lower Upper
69 100	
41 55.6	45.0 67.4
39 33.4	25.1 37.7





#57

1,3-Dichloropropane

Concen: 19.420 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

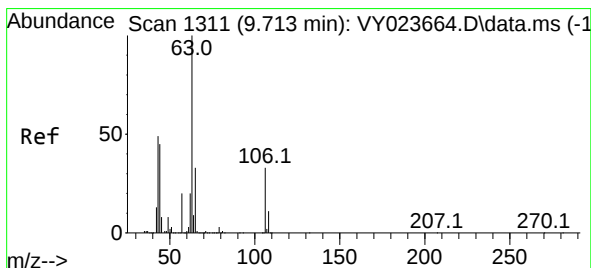
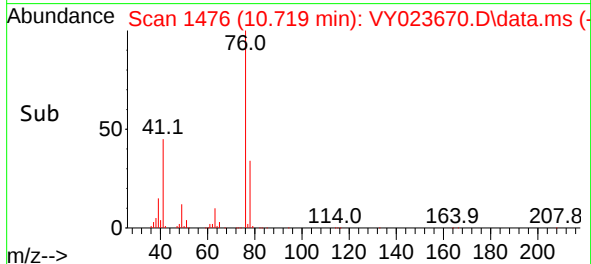
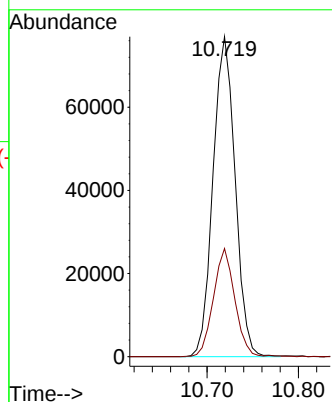
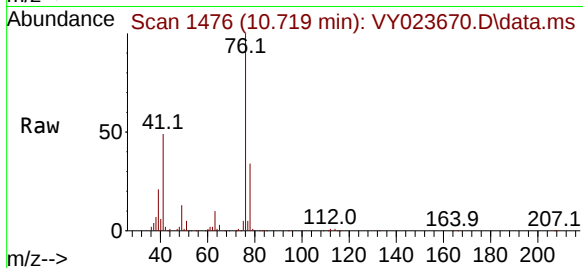
VY1104SBS01

Tgt Ion: 76 Resp: 129496

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.438 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023670.D

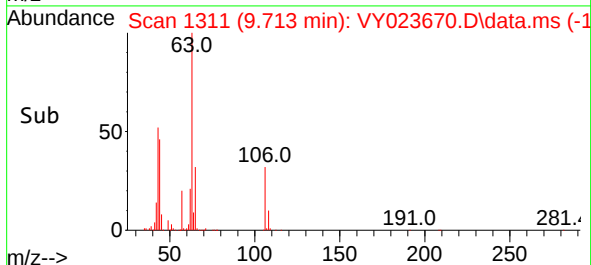
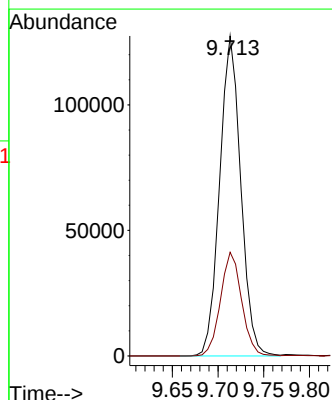
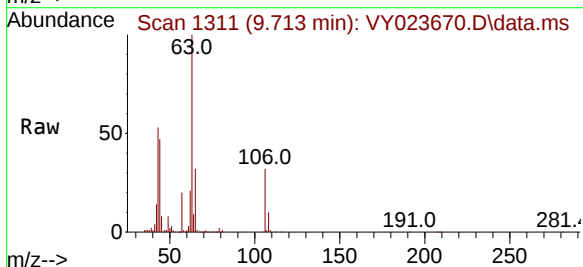
Acq: 04 Nov 2025 13:14

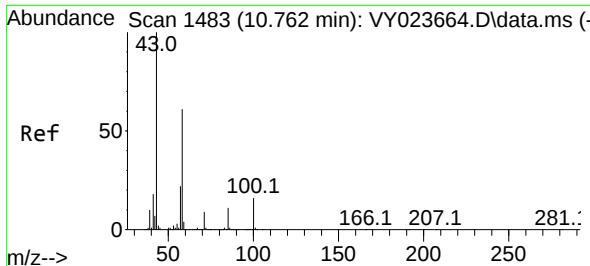
Tgt Ion: 63 Resp: 204973

Ion Ratio Lower Upper

63 100

106 32.5 26.2 39.2

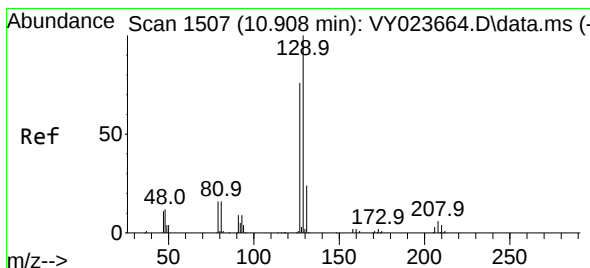
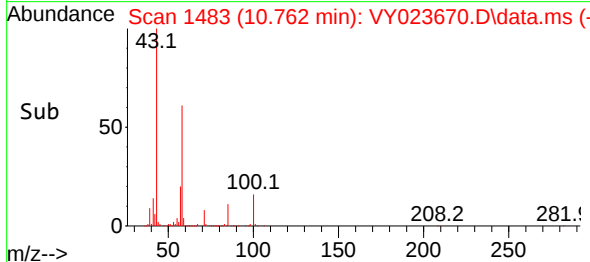
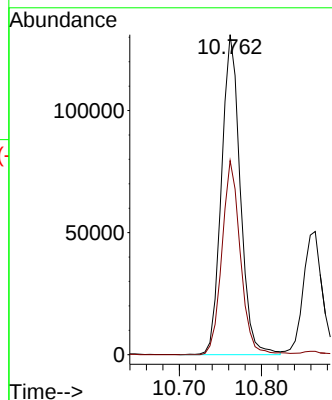
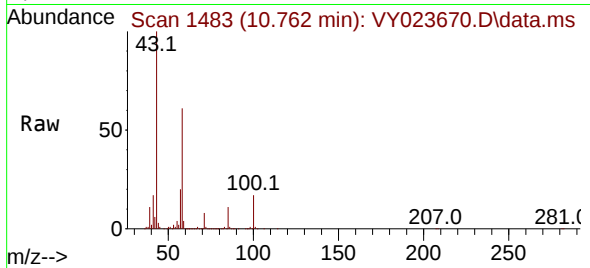




#59
2-Hexanone
Concen: 100.892 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

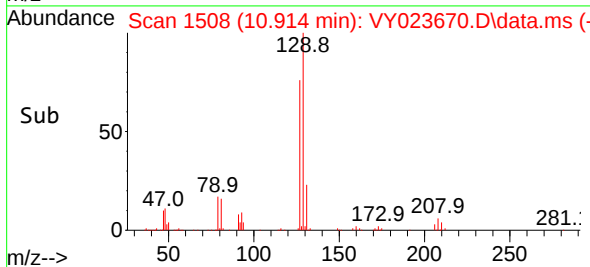
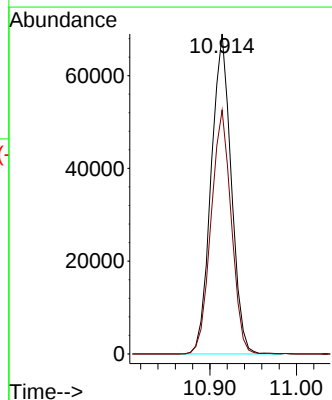
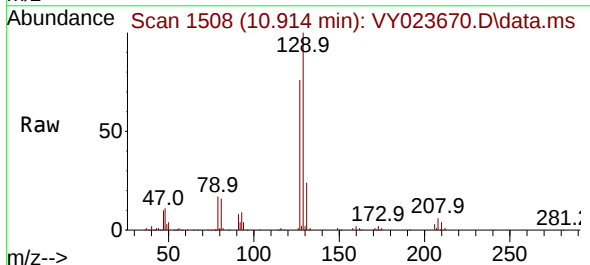
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

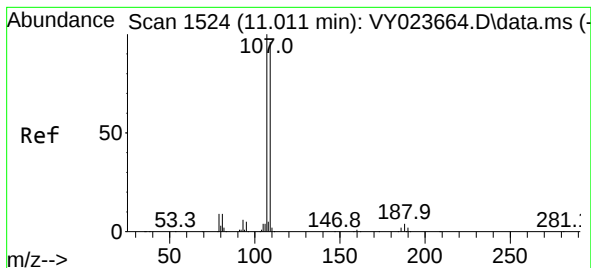
Tgt Ion: 43 Resp: 207793
Ion Ratio Lower Upper
43 100
58 59.6 30.2 90.6



#60
Dibromochloromethane
Concen: 19.238 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 129 Resp: 111120
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.2

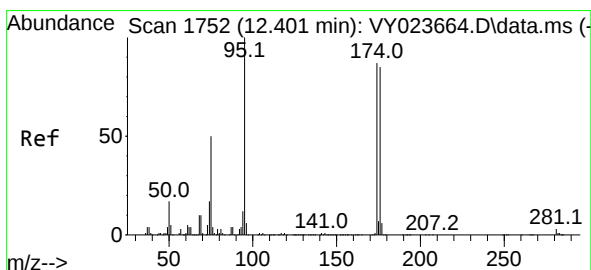
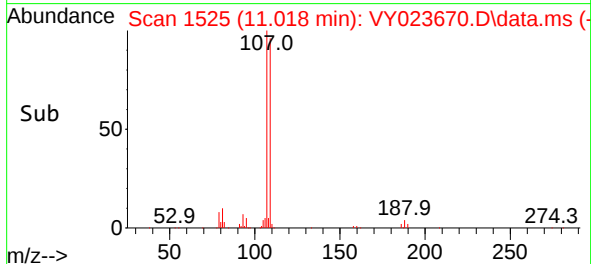
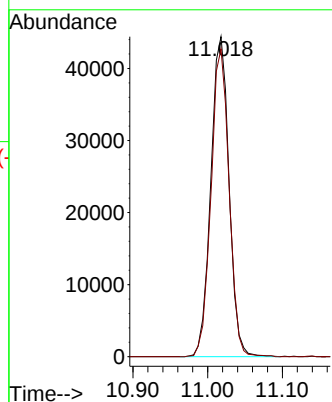
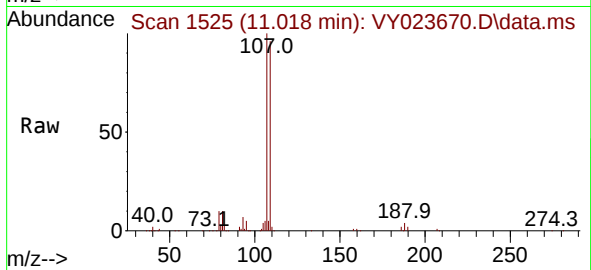




#61
1,2-Dibromoethane
Concen: 19.057 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

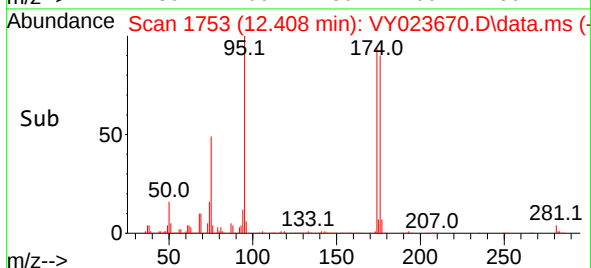
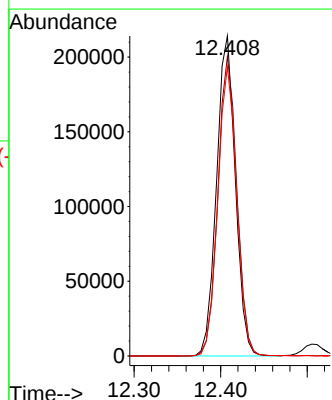
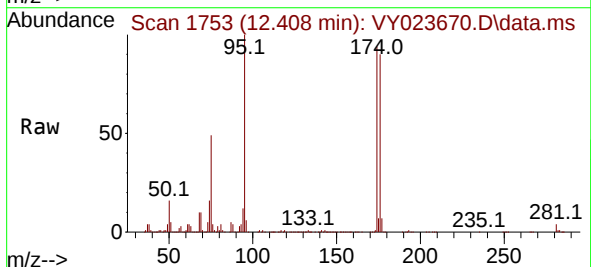
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

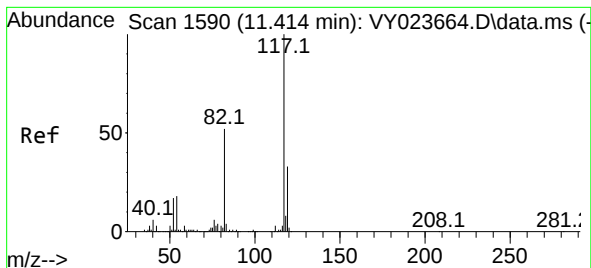
Tgt Ion:107 Resp: 75186
Ion Ratio Lower Upper
107 100
109 95.3 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 49.243 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 95 Resp: 323983
Ion Ratio Lower Upper
95 100
174 94.4 0.0 184.8
176 90.9 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

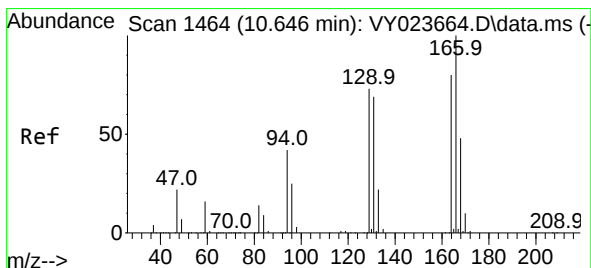
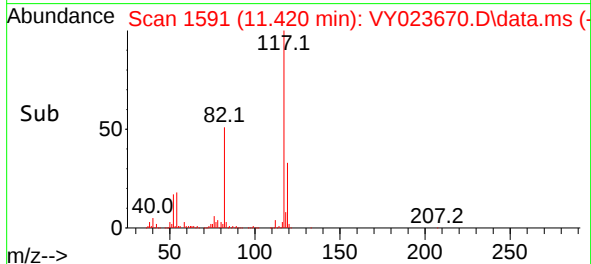
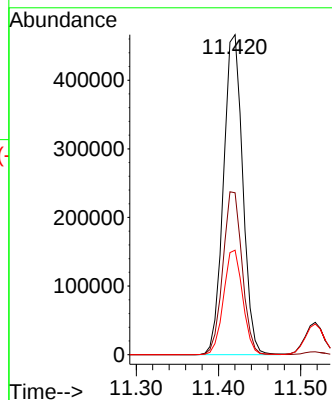
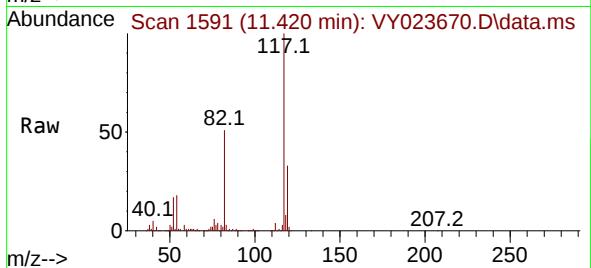
Tgt Ion:117 Resp: 758488

Ion Ratio Lower Upper

117 100

82 50.6 41.2 61.8

119 32.6 26.2 39.2



#64

Tetrachloroethene

Concen: 19.449 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Tgt Ion:164 Resp: 153540

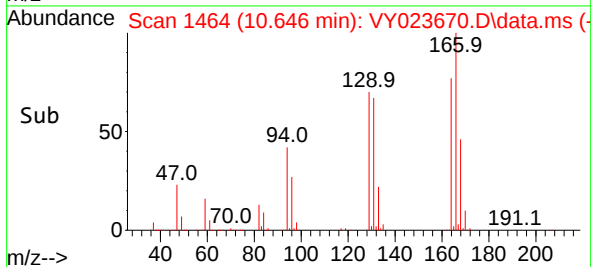
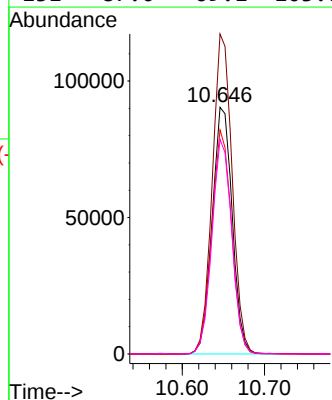
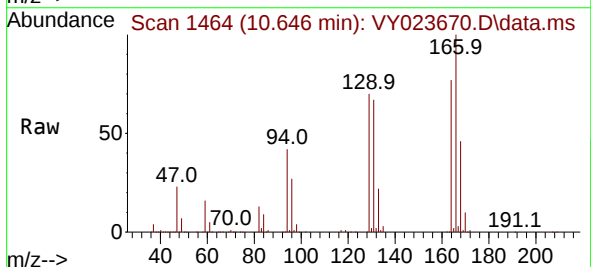
Ion Ratio Lower Upper

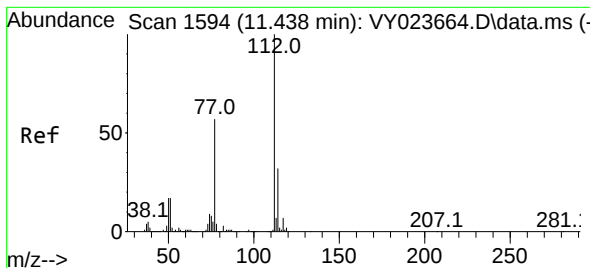
164 100

166 129.8 99.5 149.3

129 90.8 72.3 108.5

131 87.0 69.1 103.7





#65

Chlorobenzene

Concen: 19.321 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

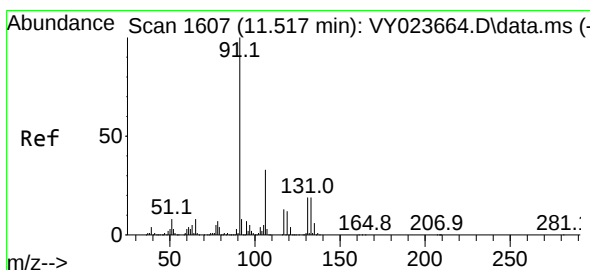
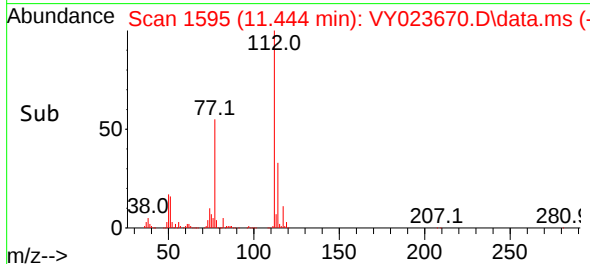
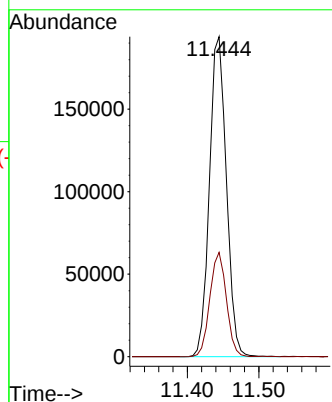
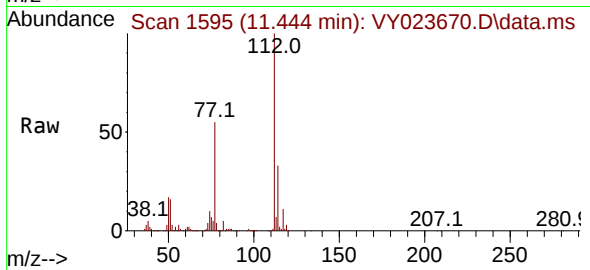
VY1104SBS01

Tgt Ion:112 Resp: 319039

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.809 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

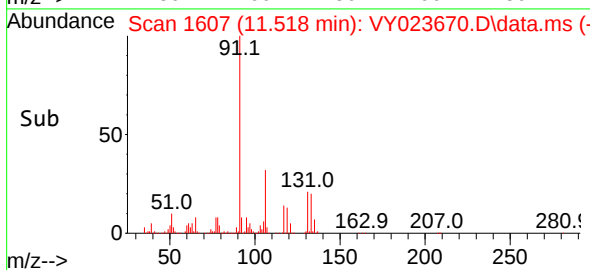
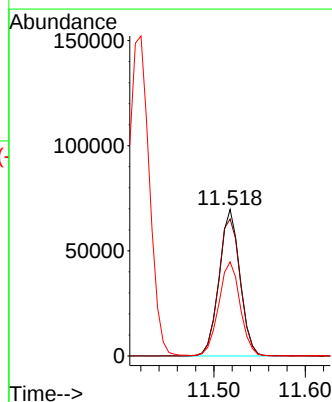
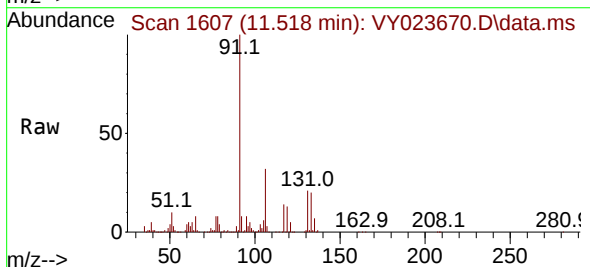
Tgt Ion:131 Resp: 109826

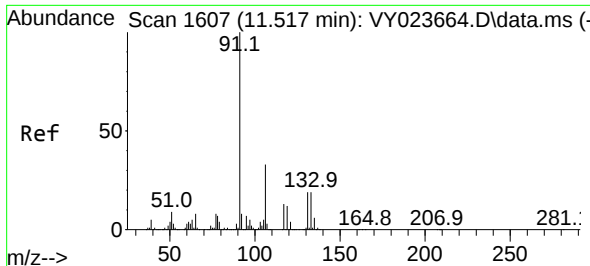
Ion Ratio Lower Upper

131 100

133 98.5 47.3 141.8

119 66.7 32.5 97.4

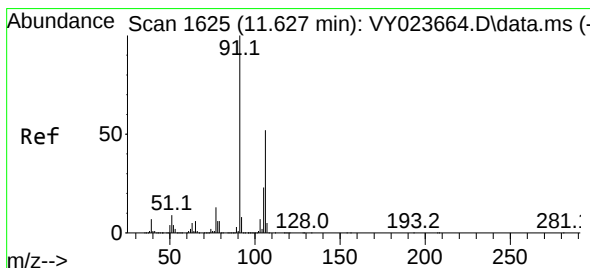
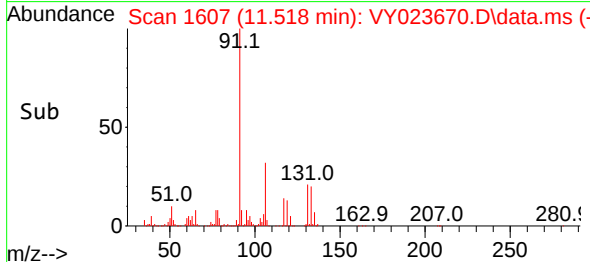
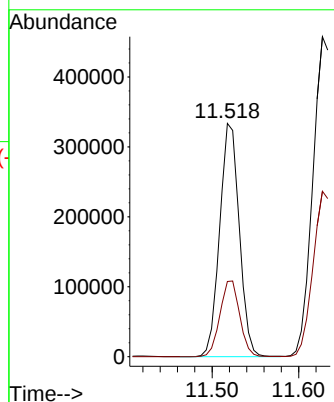
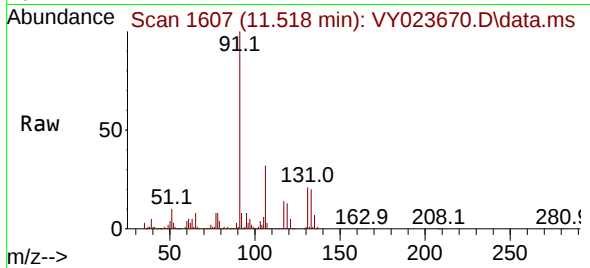




#67
Ethyl Benzene
Concen: 19.636 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

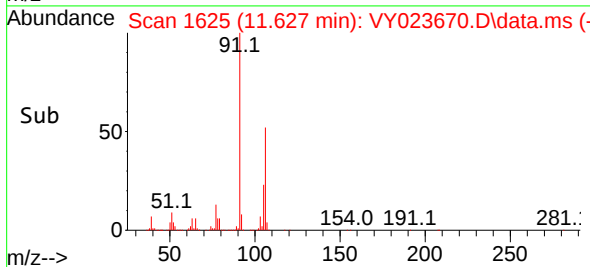
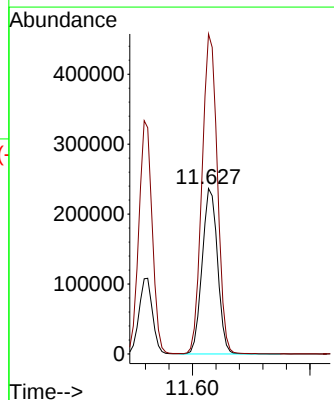
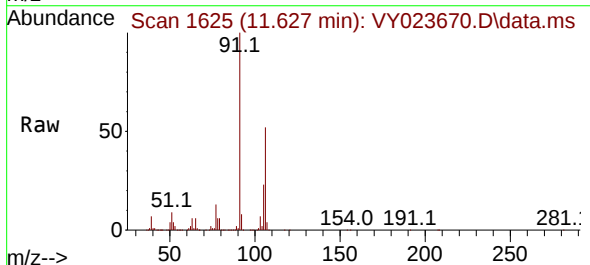
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

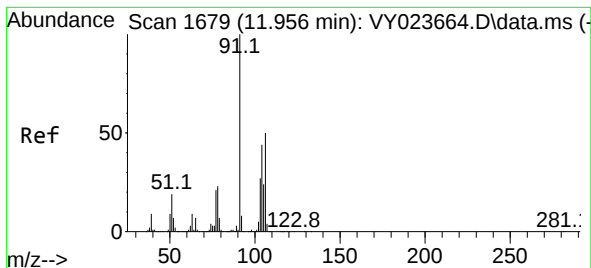
Tgt Ion: 91 Resp: 524762
Ion Ratio Lower Upper
91 100
106 32.3 26.6 40.0



#68
m/p-Xylenes
Concen: 40.155 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion:106 Resp: 428750
Ion Ratio Lower Upper
106 100
91 193.7 154.3 231.5

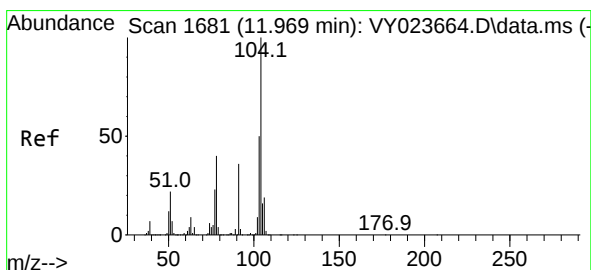
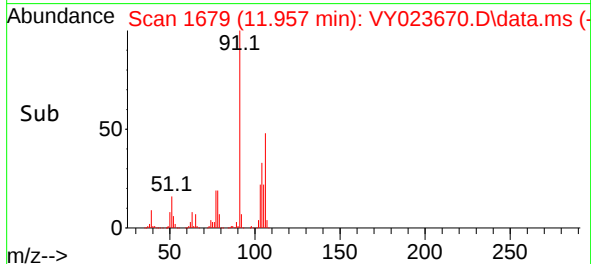
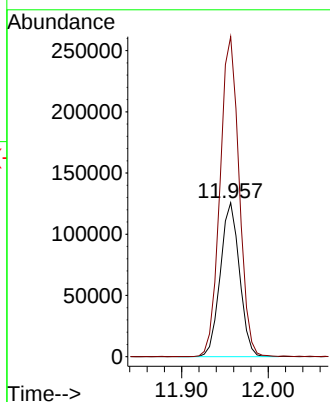
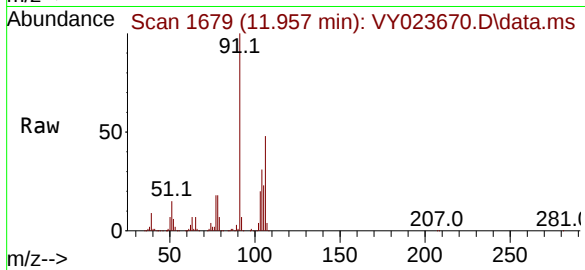




#69
o-Xylene
Concen: 19.608 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

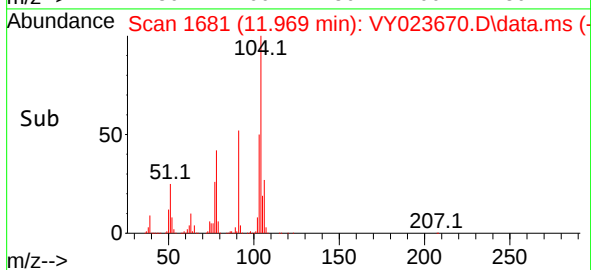
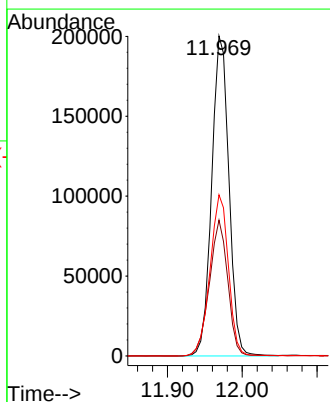
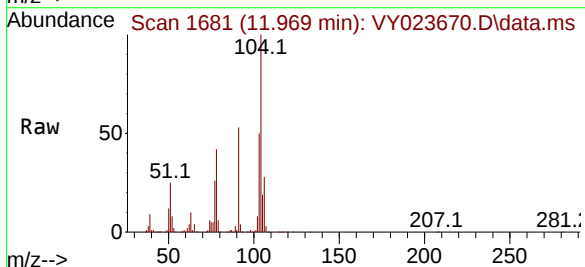
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

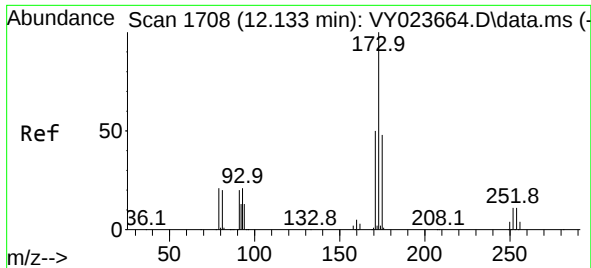
Tgt Ion:106 Resp: 193529
Ion Ratio Lower Upper
106 100
91 206.3 101.6 304.6



#70
Styrene
Concen: 19.710 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion:104 Resp: 320977
Ion Ratio Lower Upper
104 100
78 45.4 36.5 54.7
103 53.8 43.7 65.5

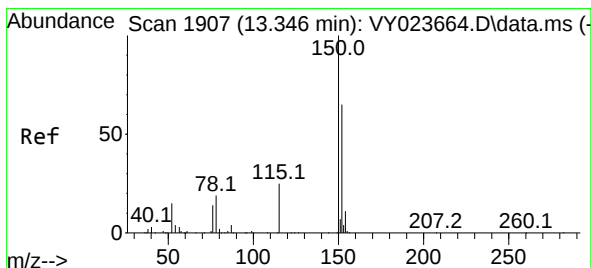
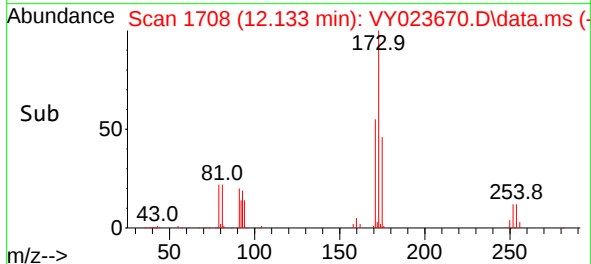
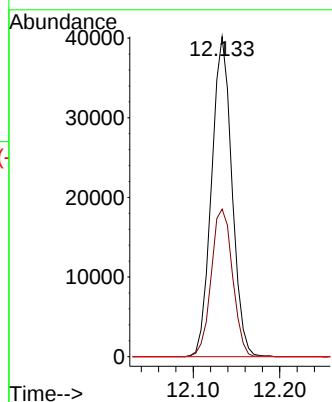
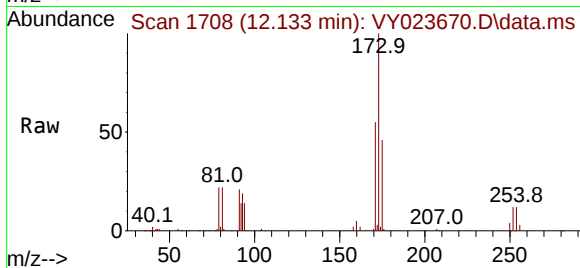




#71
Bromoform
Concen: 19.228 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

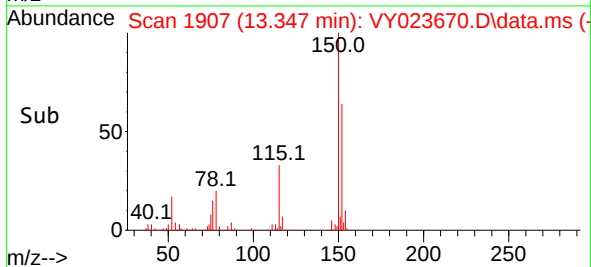
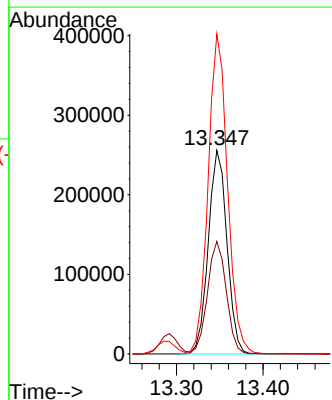
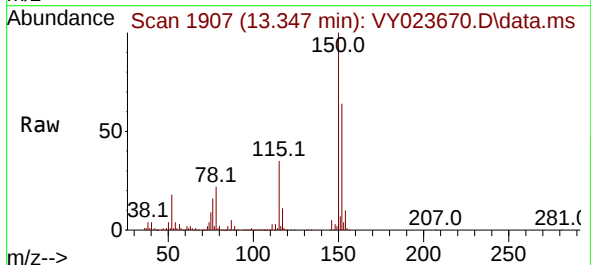
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

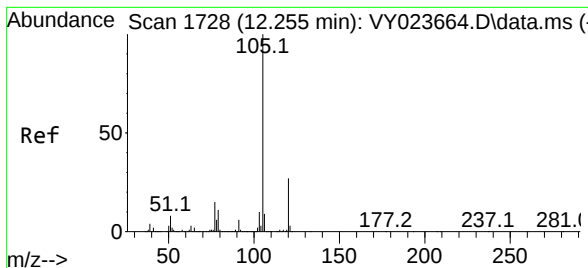
Tgt Ion:173 Resp: 65569
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion:152 Resp: 383578
Ion Ratio Lower Upper
152 100
115 55.4 27.5 82.5
150 162.9 0.0 349.0





#73

Isopropylbenzene

Concen: 20.116 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

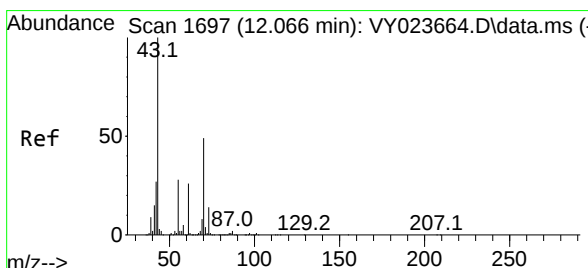
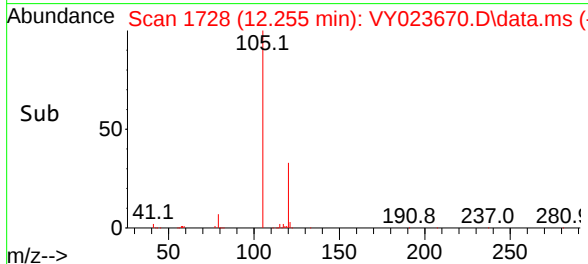
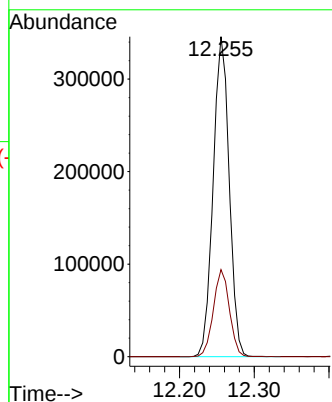
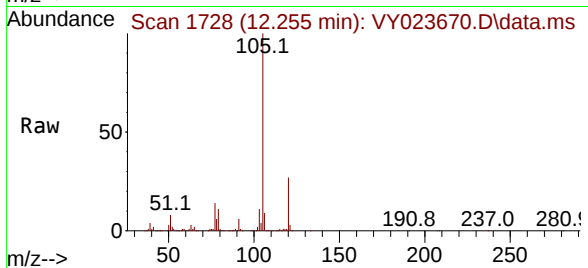
VY1104SBS01

Tgt Ion:105 Resp: 516071

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 18.887 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Tgt Ion: 43 Resp: 82034

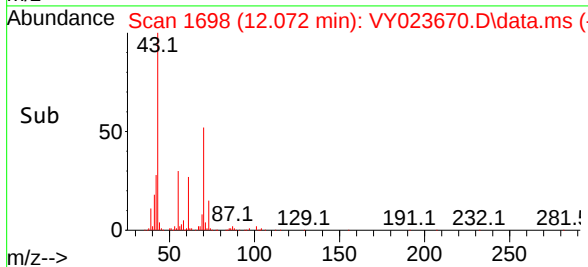
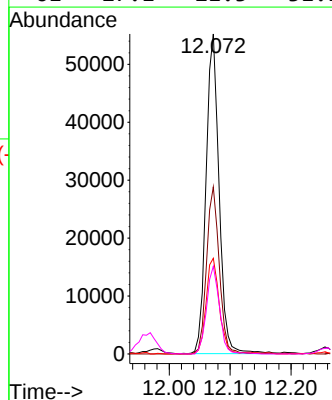
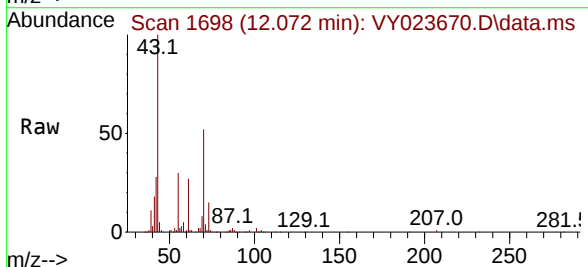
Ion Ratio Lower Upper

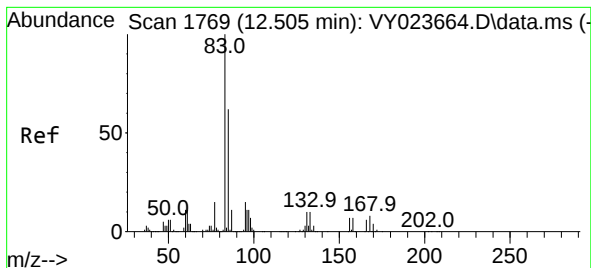
43 100

70 51.0 40.1 60.1

55 30.3 23.0 34.6

61 27.1 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.541 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

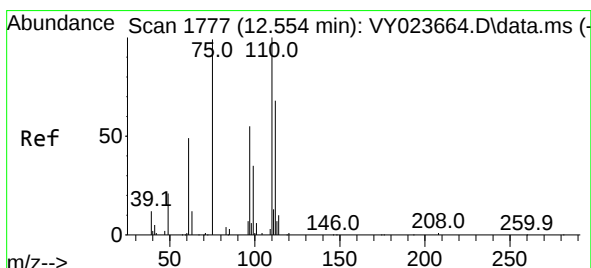
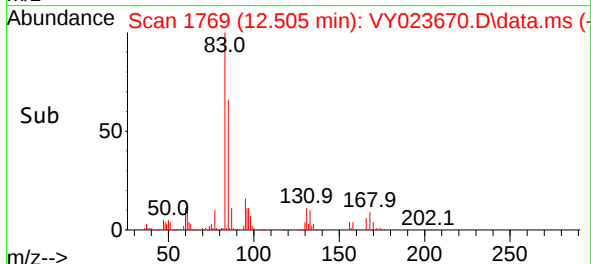
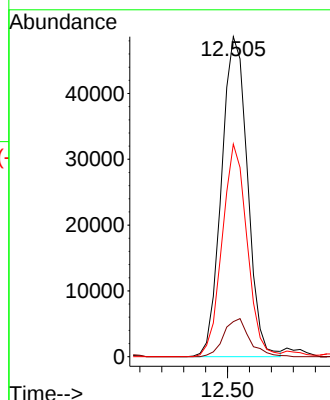
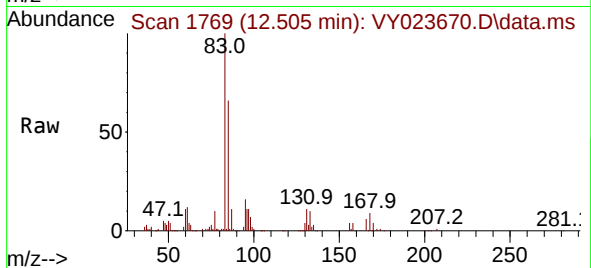
Tgt Ion: 83 Resp: 80064

Ion Ratio Lower Upper

83 100

131 11.9 5.7 17.0

85 63.7 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 34.794 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023670.D

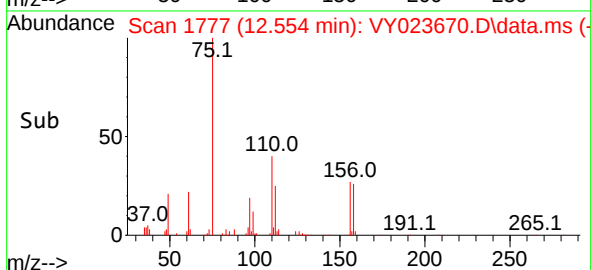
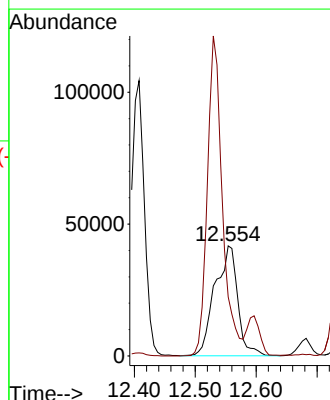
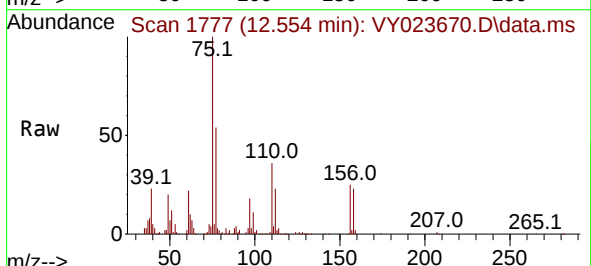
Acq: 04 Nov 2025 13:14

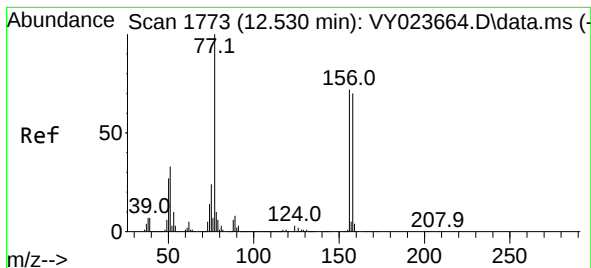
Tgt Ion: 75 Resp: 108013

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.469 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

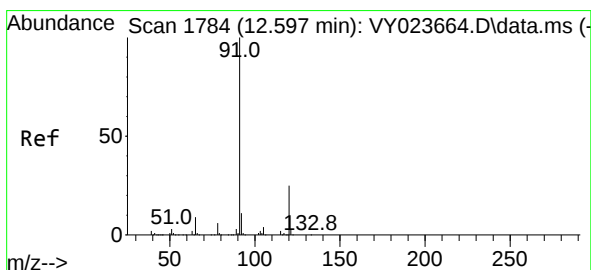
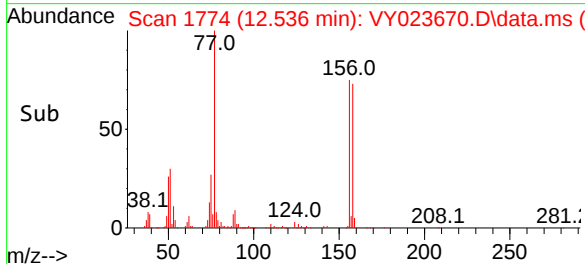
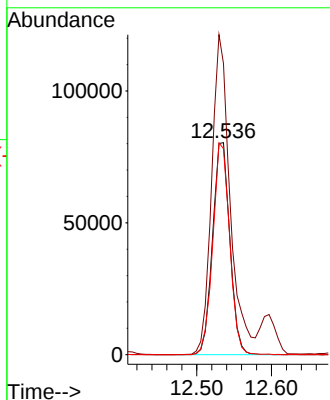
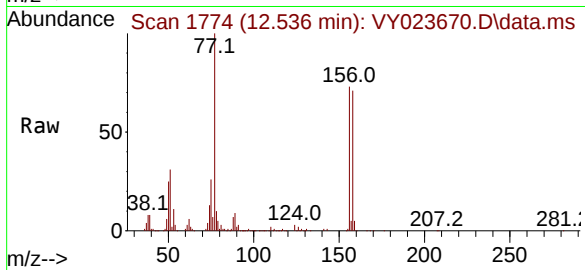
Tgt Ion:156 Resp: 129556

Ion Ratio Lower Upper

156 100

77 161.6 77.9 233.7

158 97.3 48.5 145.5



#78

n-propylbenzene

Concen: 20.280 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023670.D

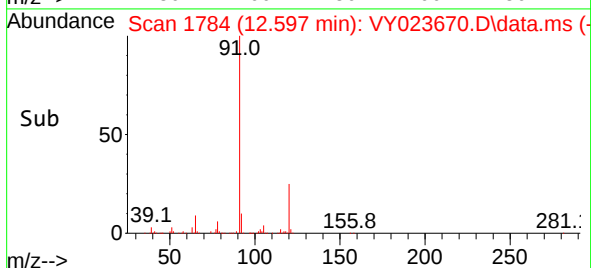
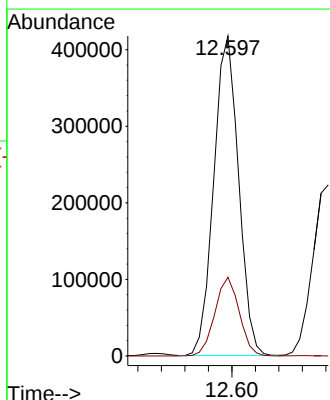
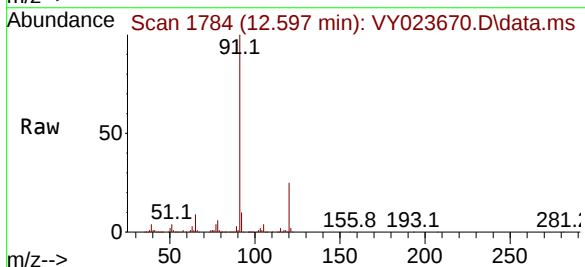
Acq: 04 Nov 2025 13:14

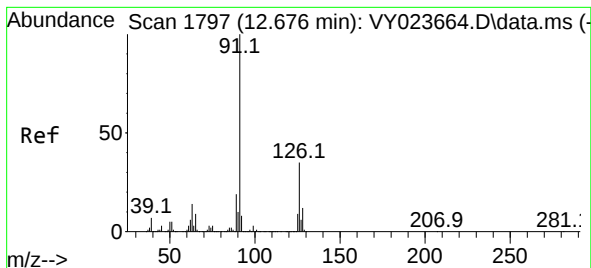
Tgt Ion: 91 Resp: 611977

Ion Ratio Lower Upper

91 100

120 24.2 12.0 36.1





#79

2-Chlorotoluene

Concen: 19.718 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

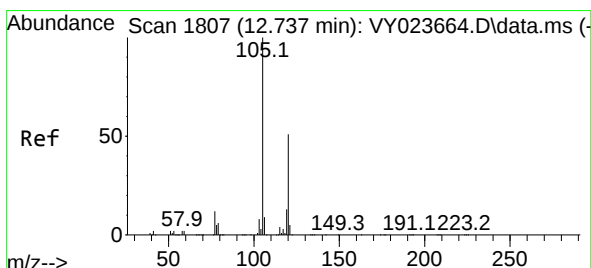
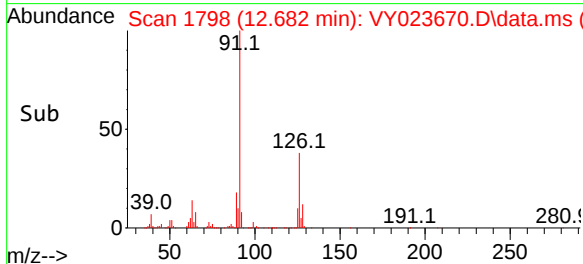
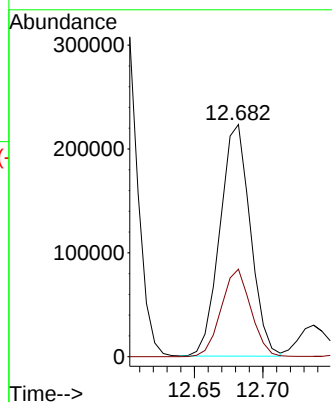
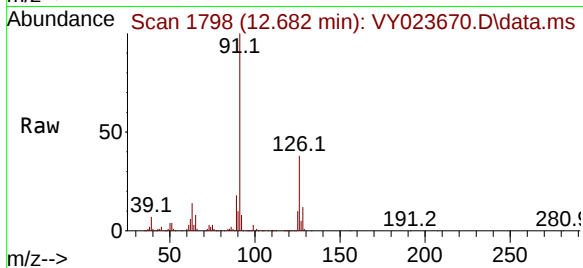
VY1104SBS01

Tgt Ion: 91 Resp: 345277

Ion Ratio Lower Upper

91 100

126 36.8 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 20.329 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY023670.D

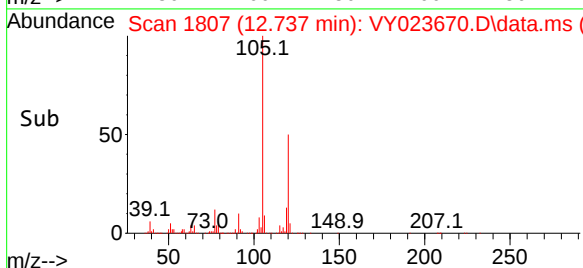
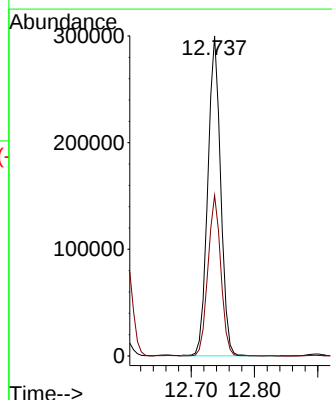
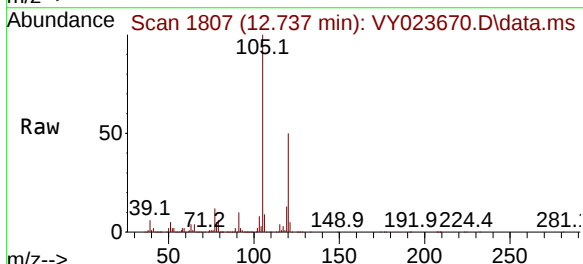
Acq: 04 Nov 2025 13:14

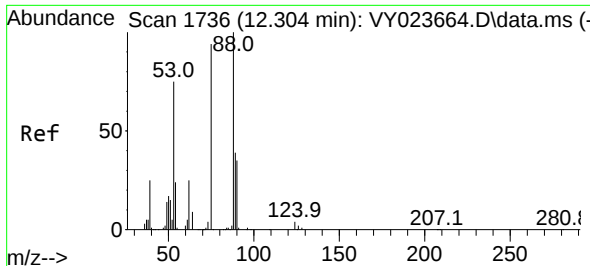
Tgt Ion: 105 Resp: 423747

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.2

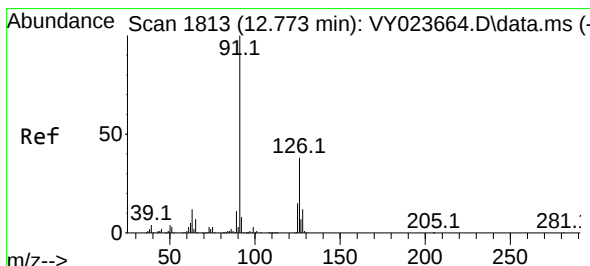
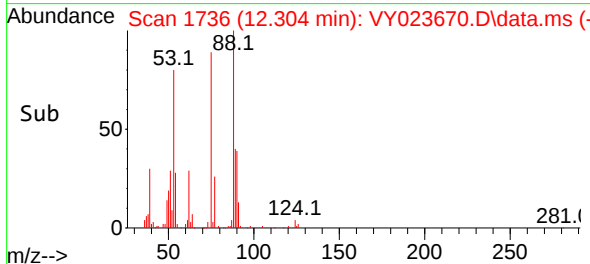
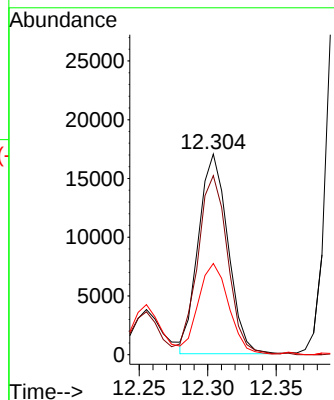
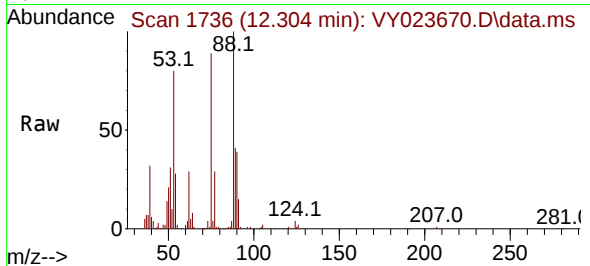




#81
trans-1,4-Dichloro-2-butene
Concen: 18.581 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

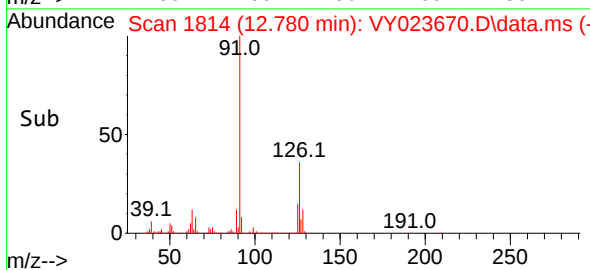
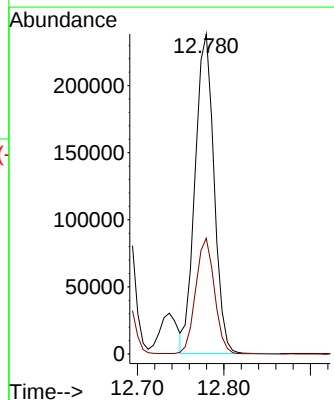
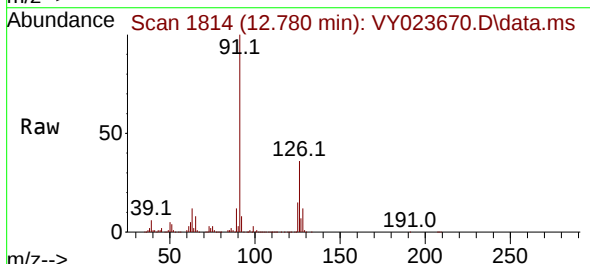
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

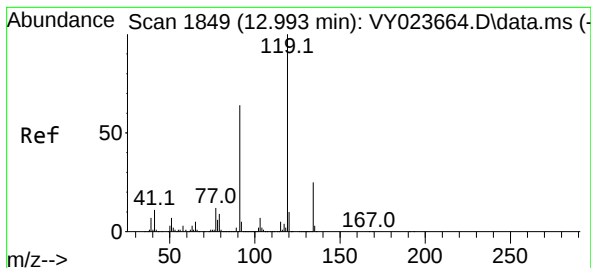
Tgt Ion: 75 Resp: 25523
Ion Ratio Lower Upper
75 100
53 91.8 69.6 104.4
89 46.5 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.029 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 91 Resp: 361697
Ion Ratio Lower Upper
91 100
126 36.0 18.1 54.4





#83

tert-Butylbenzene

Concen: 20.042 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

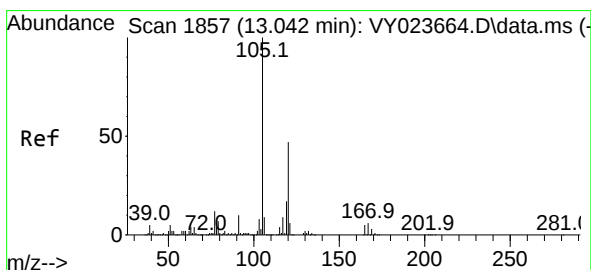
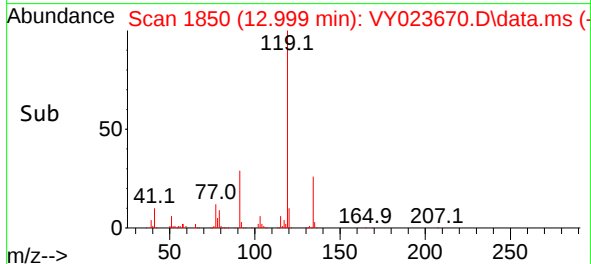
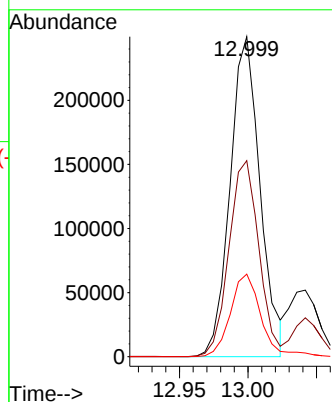
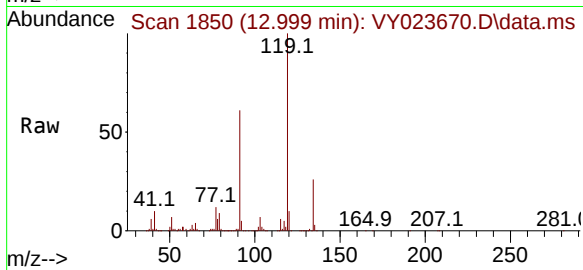
Tgt Ion:119 Resp: 380475

Ion Ratio Lower Upper

119 100

91 61.0 30.7 92.1

134 26.4 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.288 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023670.D

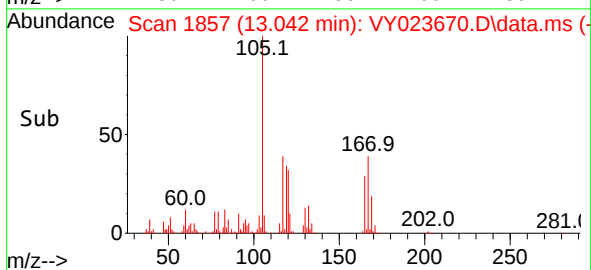
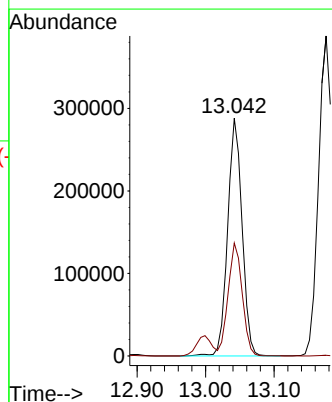
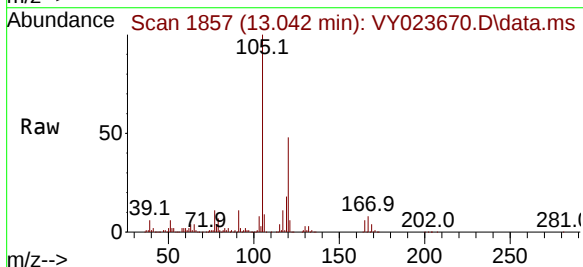
Acq: 04 Nov 2025 13:14

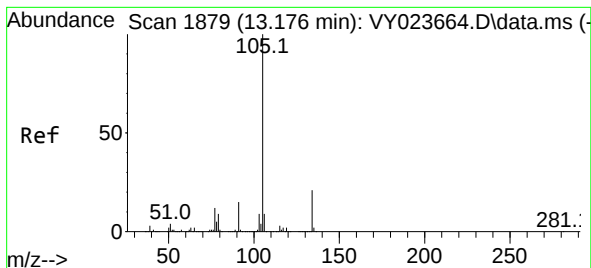
Tgt Ion:105 Resp: 418855

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.640 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

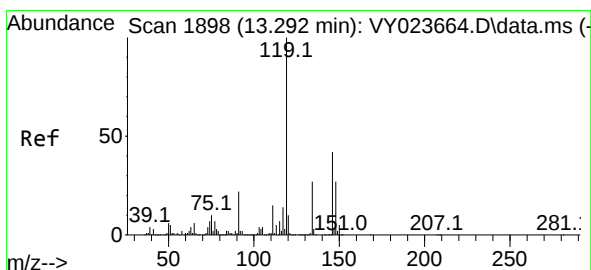
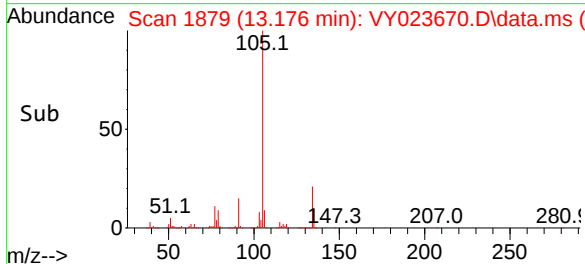
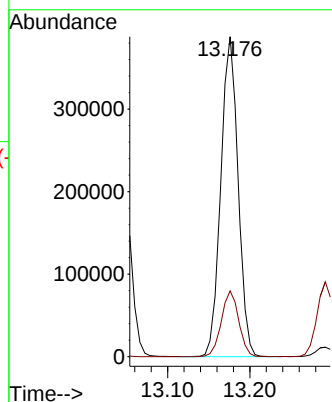
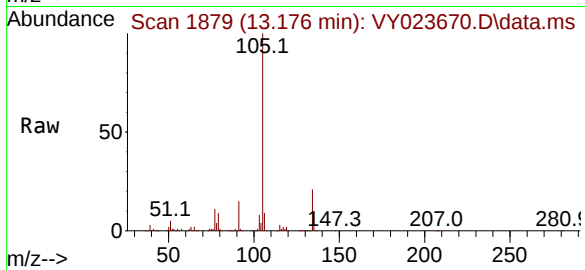
VY1104SBS01

Tgt Ion:105 Resp: 565167

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



#86

p-Isopropyltoluene

Concen: 20.184 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

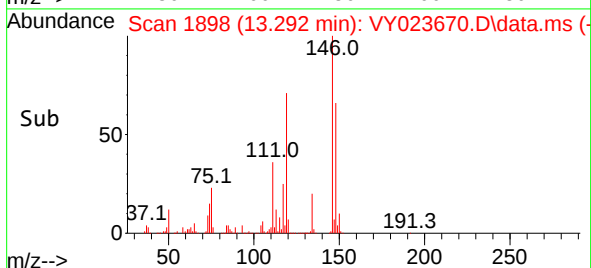
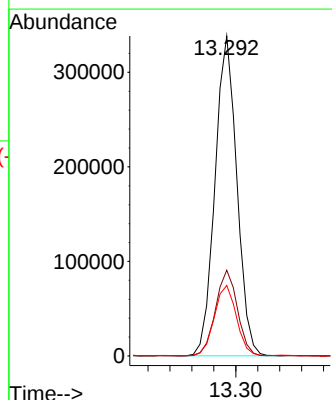
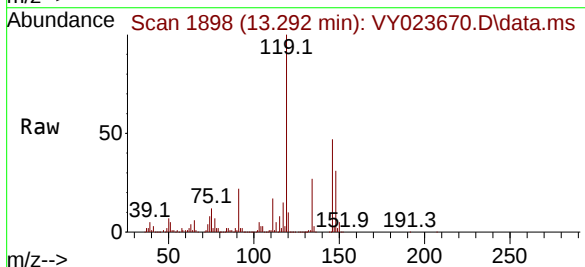
Tgt Ion:119 Resp: 467864

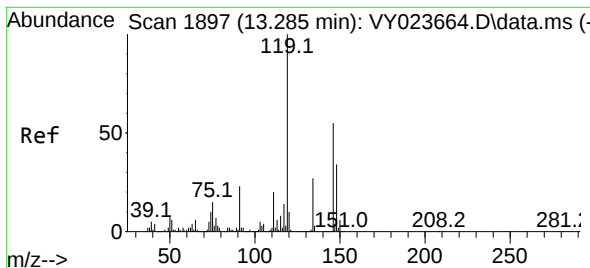
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 22.2 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 19.500 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

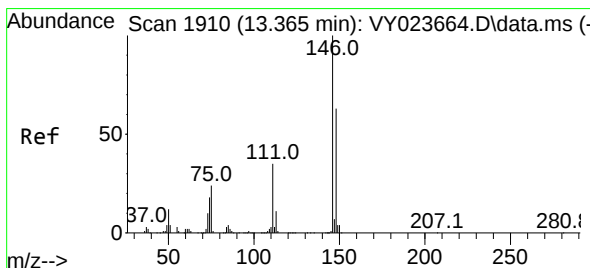
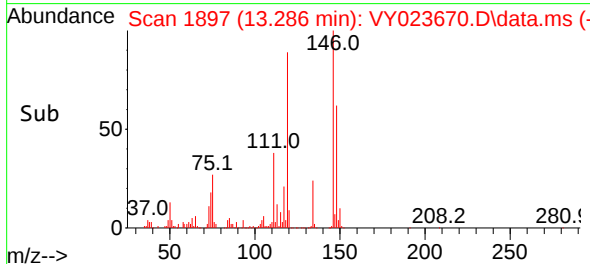
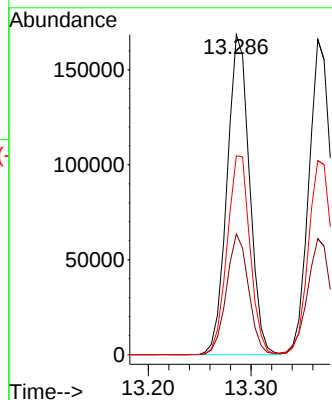
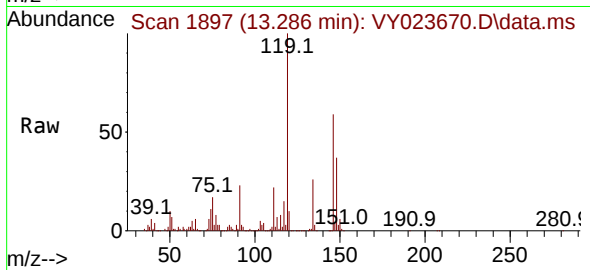
Tgt Ion:146 Resp: 255410

Ion Ratio Lower Upper

146 100

111 37.2 18.8 56.3

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.557 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

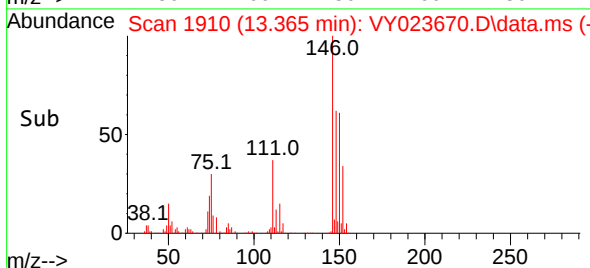
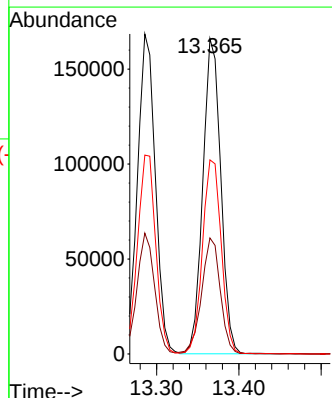
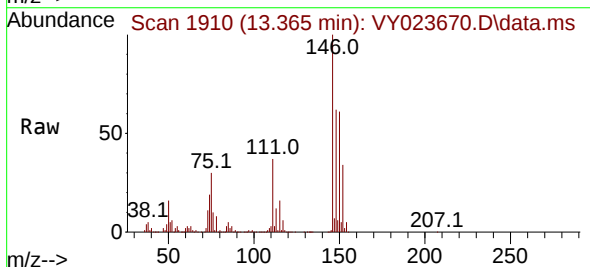
Tgt Ion:146 Resp: 251614

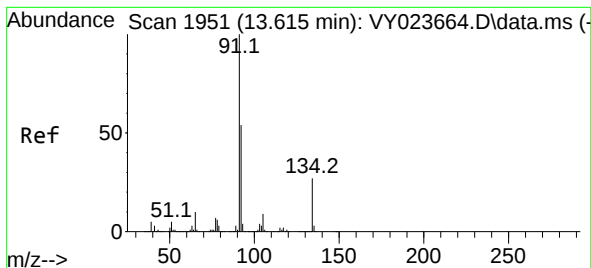
Ion Ratio Lower Upper

146 100

111 38.6 18.3 54.8

148 64.2 31.8 95.3





#89

n-Butylbenzene

Concen: 20.166 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

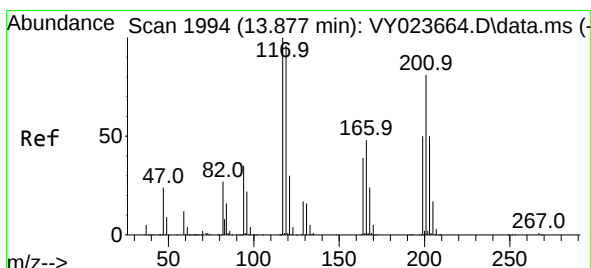
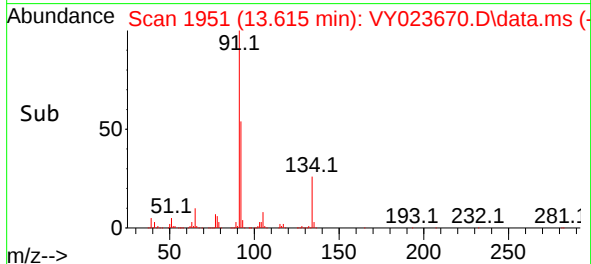
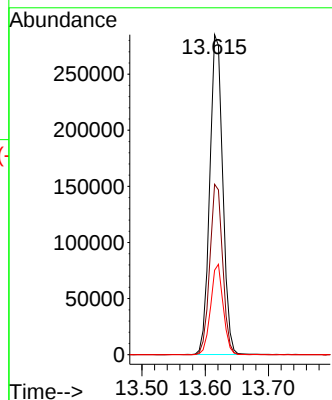
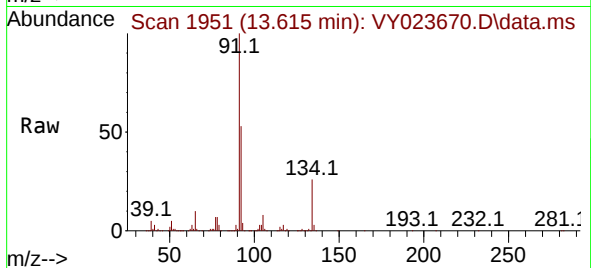
Tgt Ion: 91 Resp: 406474

Ion Ratio Lower Upper

91 100

92 52.7 26.5 79.4

134 27.3 13.7 41.1



#90

Hexachloroethane

Concen: 19.566 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY023670.D

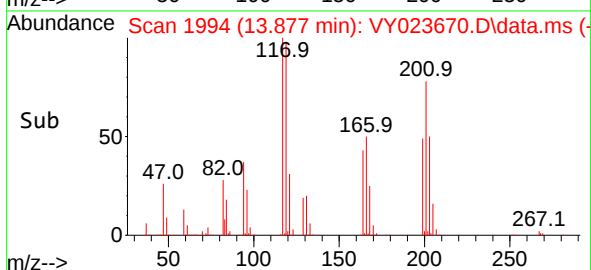
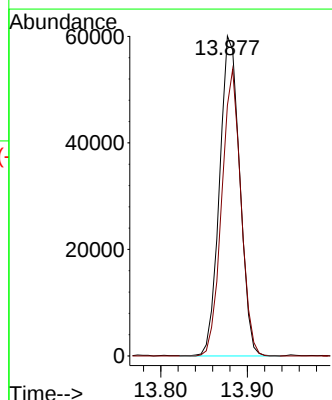
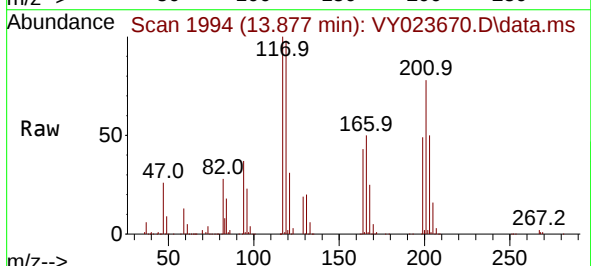
Acq: 04 Nov 2025 13:14

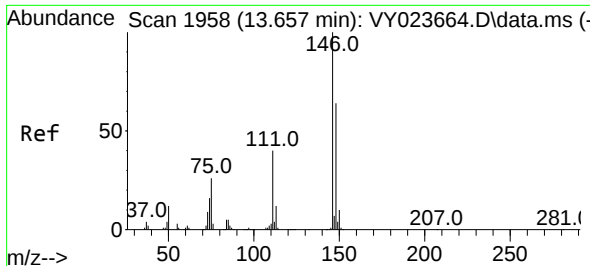
Tgt Ion: 117 Resp: 97467

Ion Ratio Lower Upper

117 100

201 84.9 42.3 126.8

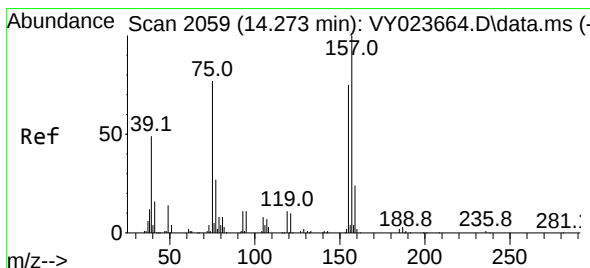
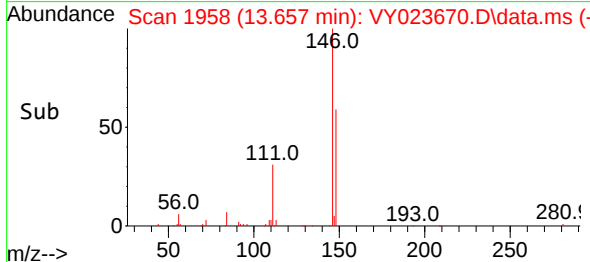
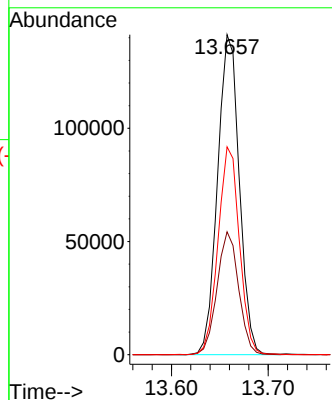
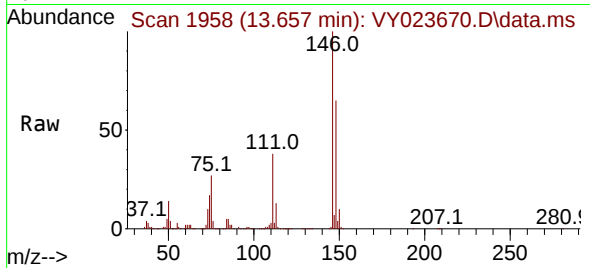




#91
1,2-Dichlorobenzene
Concen: 19.499 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

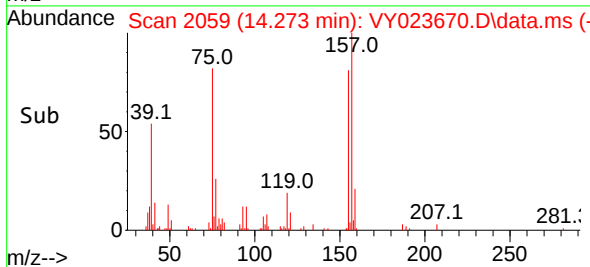
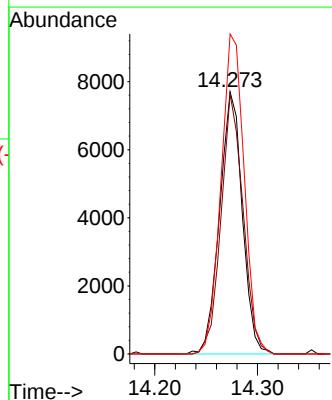
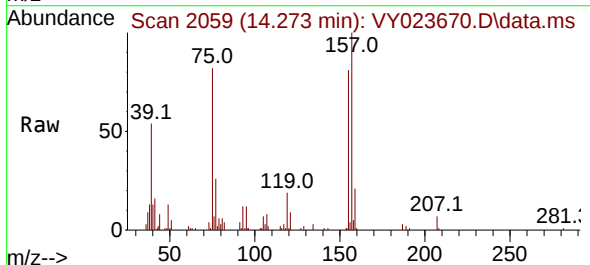
Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

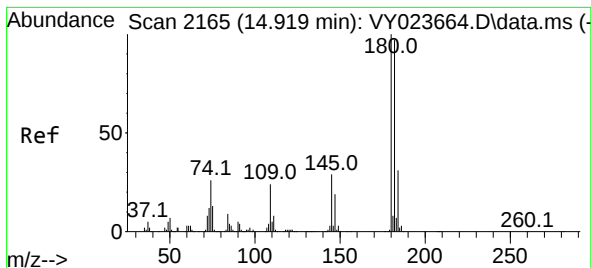
Tgt Ion:146 Resp: 220087
Ion Ratio Lower Upper
146 100
111 38.2 19.5 58.5
148 64.1 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.701 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion: 75 Resp: 11798
Ion Ratio Lower Upper
75 100
155 95.9 49.4 148.2
157 124.5 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 19.661 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1104SBS01

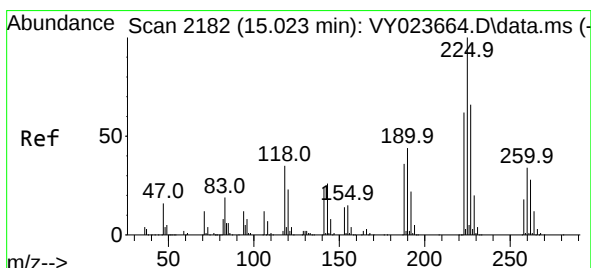
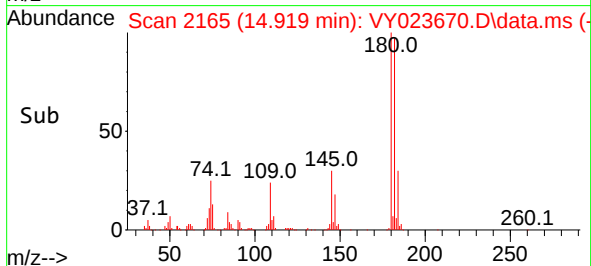
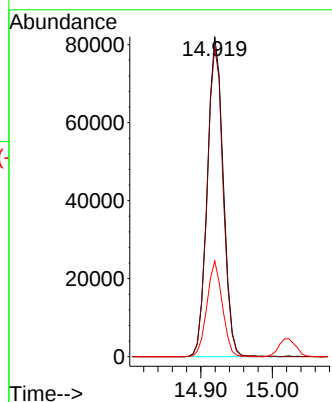
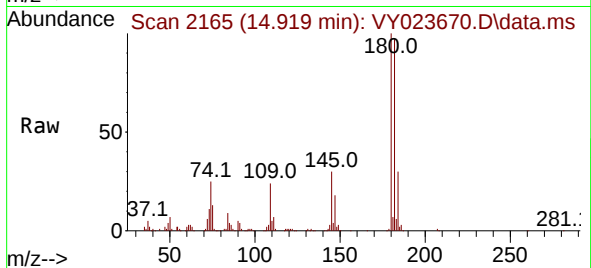
Tgt Ion:180 Resp: 126936

Ion Ratio Lower Upper

180 100

182 97.0 47.5 142.6

145 28.8 14.4 43.4



#94

Hexachlorobutadiene

Concen: 19.690 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023670.D

Acq: 04 Nov 2025 13:14

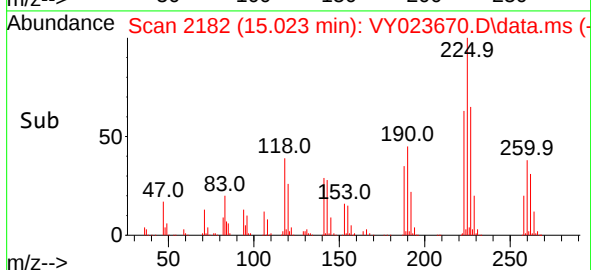
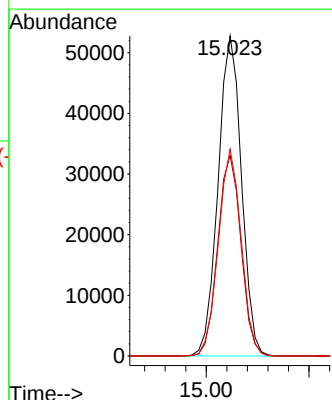
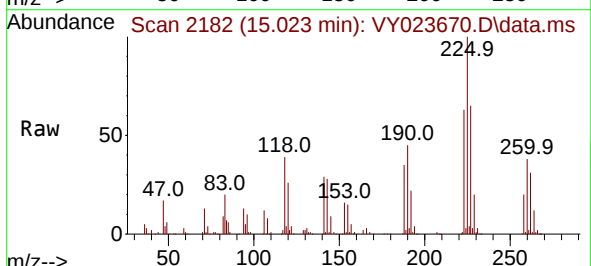
Tgt Ion:225 Resp: 83293

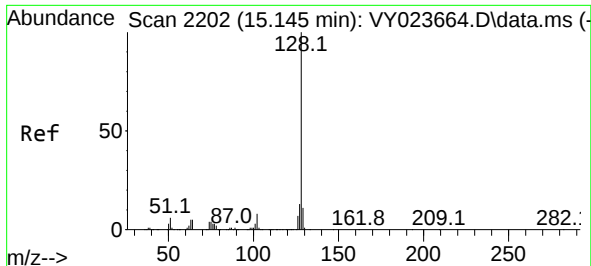
Ion Ratio Lower Upper

225 100

223 62.1 30.8 92.3

227 62.9 32.0 96.2

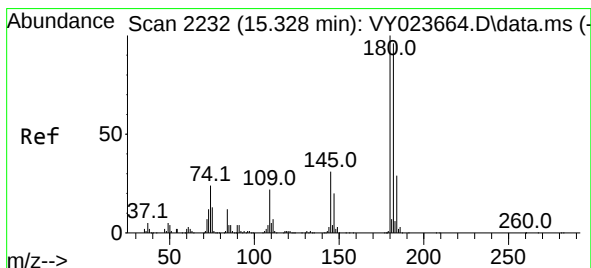
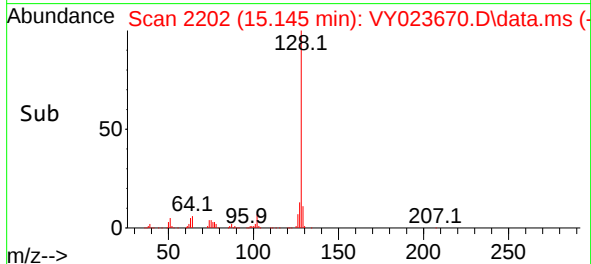
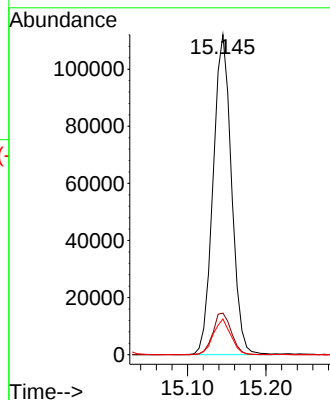
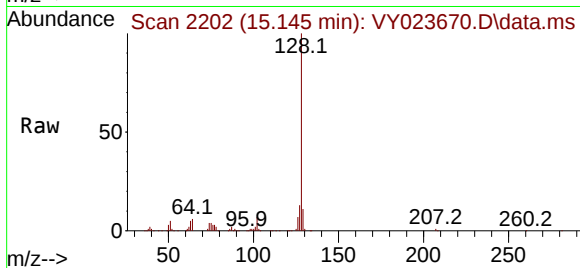




#95
Naphthalene
Concen: 19.732 ug/l
RT: 15.145 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1104SBS01

Tgt Ion:128 Resp: 182533
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.855 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023670.D
Acq: 04 Nov 2025 13:14

Tgt Ion:180 Resp: 107101
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.6
145 29.9 15.5 46.5

