

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023573.D
 Acq On : 24 Oct 2025 12:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-VOC

Quant Time: Oct 24 23:52:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	415860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	599508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	547118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	304602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	195055	56.091	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.180%	
35) Dibromofluoromethane	7.640	113	229256	62.235	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.480%	
50) Toluene-d8	10.109	98	844609	61.567	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.140%	
62) 4-Bromofluorobenzene	12.401	95	291926	64.455	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	152736	51.026	ug/l	99
3) Chloromethane	2.074	50	193230	47.387	ug/l	98
4) Vinyl Chloride	2.208	62	272817	51.367	ug/l	100
5) Bromomethane	2.598	94	233015	52.280	ug/l	99
6) Chloroethane	2.738	64	198434	54.811	ug/l	100
7) Trichlorofluoromethane	3.061	101	429206	58.202	ug/l	99
8) Diethyl Ether	3.458	74	120853	62.717	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.811	101	244510	63.895	ug/l	98
10) Methyl Iodide	4.006	142	300562	70.552	ug/l	98
11) Tert butyl alcohol	4.854	59	81920	316.655	ug/l	98
12) 1,1-Dichloroethene	3.793	96	229101	61.759	ug/l	98
13) Acrolein	3.653	56	72900	199.423	ug/l	99
14) Allyl chloride	4.391	41	256807	56.804	ug/l	97
15) Acrylonitrile	5.061	53	232083	314.714	ug/l	99
16) Acetone	3.866	43	224695	271.410	ug/l	99
17) Carbon Disulfide	4.110	76	580934	54.716	ug/l	99
18) Methyl Acetate	4.384	43	129833	59.784	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	585747	65.699	ug/l	97
20) Methylene Chloride	4.622	84	260853	58.269	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	257565	63.065	ug/l	95
22) Diisopropyl ether	6.018	45	603822	60.381	ug/l	94
23) Vinyl Acetate	5.963	43	1647575	304.382	ug/l	96
24) 1,1-Dichloroethane	5.921	63	406674	61.392	ug/l	99
25) 2-Butanone	6.896	43	296271	293.132	ug/l	99
26) 2,2-Dichloropropane	6.890	77	382627	62.950	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	310351	65.785	ug/l	95
28) Bromochloromethane	7.250	49	101555	41.067	ug/l	91
29) Tetrahydrofuran	7.262	42	174652	304.727	ug/l	93
30) Chloroform	7.420	83	464988	63.890	ug/l	97
31) Cyclohexane	7.707	56	323875	55.987	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	424592	64.196	ug/l	99
36) 1,1-Dichloropropene	7.841	75	309194	63.401	ug/l	98
37) Ethyl Acetate	6.988	43	119995	62.107	ug/l	96
38) Carbon Tetrachloride	7.823	117	388384	65.678	ug/l	99
39) Methylcyclohexane	9.109	83	419109	66.004	ug/l	98
40) Benzene	8.085	78	999133	64.692	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	65445	62.630	ug/l	92
42) 1,2-Dichloroethane	8.158	62	247700	62.187	ug/l	98
43) Isopropyl Acetate	8.201	43	244790	63.539	ug/l #	83
44) Trichloroethene	8.865	130	301399	66.675	ug/l	98
45) 1,2-Dichloropropane	9.140	63	219684	64.398	ug/l	99
46) Dibromomethane	9.231	93	143052	66.317	ug/l	96
47) Bromodichloromethane	9.426	83	357420	65.790	ug/l	97
48) Methyl methacrylate	9.225	41	112533	62.176	ug/l	92
49) 1,4-Dioxane	9.231	88	34145	1365.268	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	648732	325.915	ug/l	96
52) Toluene	10.170	92	679457	67.757	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	313343	66.333	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	370298	66.419	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	199447	68.758	ug/l	97
56) Ethyl methacrylate	10.438	69	241623	72.212	ug/l	94
57) 1,3-Dichloropropane	10.719	76	310746	67.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	386243	257.678	ug/l	98
59) 2-Hexanone	10.761	43	456433	320.868	ug/l	95
60) Dibromochloromethane	10.914	129	285423	70.183	ug/l	100
61) 1,2-Dibromoethane	11.017	107	195192	70.558	ug/l	99
64) Tetrachloroethene	10.645	164	377012	66.737	ug/l	98
65) Chlorobenzene	11.444	112	770197	64.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	279987	66.028	ug/l	99
67) Ethyl Benzene	11.517	91	1272942	66.086	ug/l	99
68) m/p-Xylenes	11.627	106	1041270	134.778	ug/l	98
69) o-Xylene	11.956	106	488746	67.445	ug/l	99
70) Styrene	11.968	104	817296	68.584	ug/l	99
71) Bromoform	12.133	173	179199	68.128	ug/l #	99
73) Isopropylbenzene	12.255	105	1295314	64.528	ug/l	100
74) N-amyl acetate	12.072	43	213373	59.179	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	206550	62.912	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	272106	101.252	ug/l #	100
77) Bromobenzene	12.529	156	334683	62.715	ug/l	97
78) n-propylbenzene	12.596	91	1472089	63.372	ug/l	99
79) 2-Chlorotoluene	12.676	91	849445	62.445	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1040679	64.156	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	68313	62.334	ug/l	96
82) 4-Chlorotoluene	12.773	91	873723	62.366	ug/l	99
83) tert-Butylbenzene	12.993	119	975604	65.140	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	1046424	64.640	ug/l	99
85) sec-Butylbenzene	13.176	105	1402018	65.258	ug/l	100
86) p-Isopropyltoluene	13.291	119	1192473	65.190	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	650256	62.573	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	640799	62.434	ug/l	99
89) n-Butylbenzene	13.614	91	1023005	64.184	ug/l	99
90) Hexachloroethane	13.877	117	244156	62.058	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	574755	63.084	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31974	59.353	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	360165	63.410	ug/l	99
94) Hexachlorobutadiene	15.023	225	221155	62.461	ug/l	99
95) Naphthalene	15.145	128	596248	65.922	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	312181	63.453	ug/l	99

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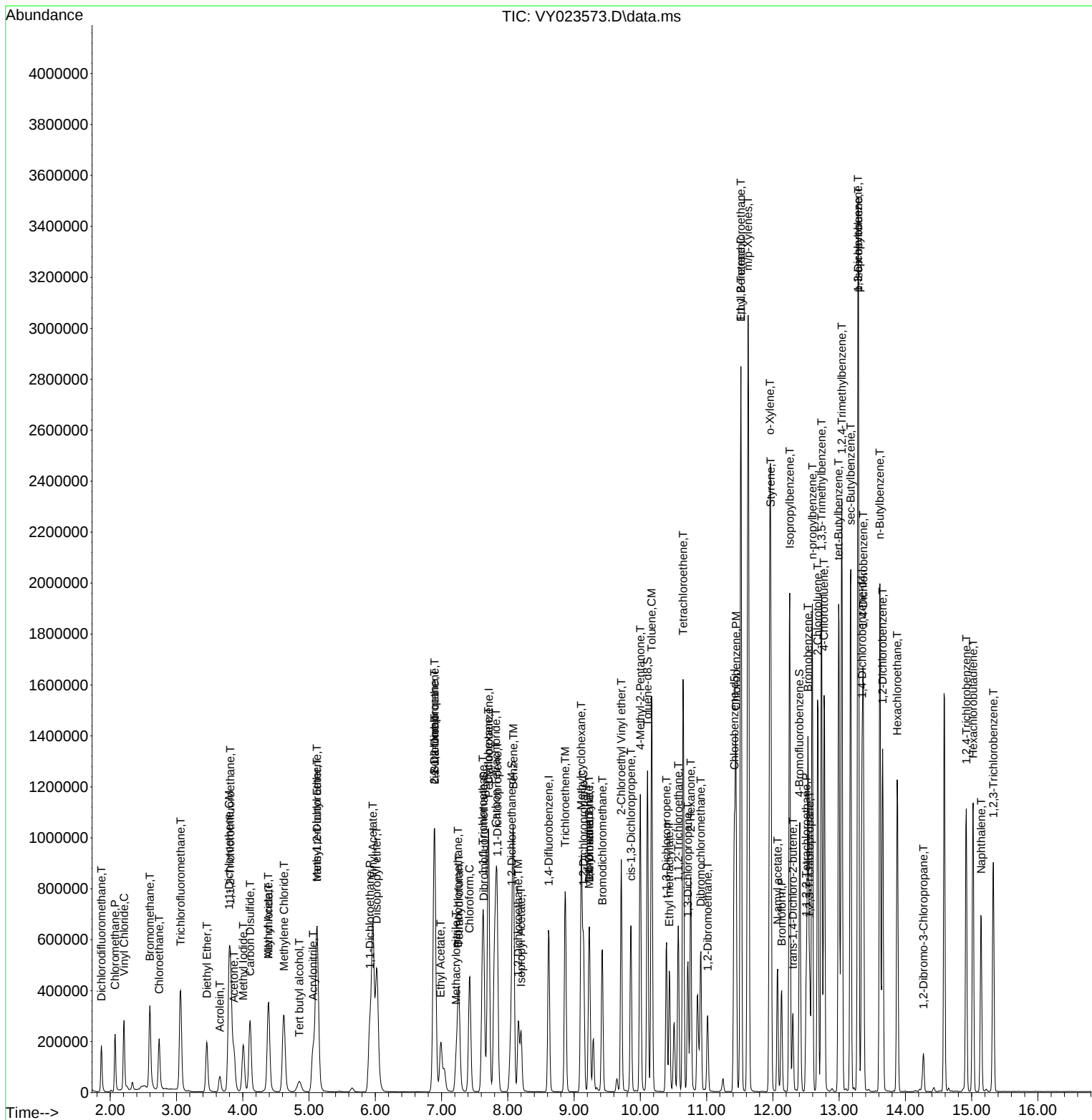
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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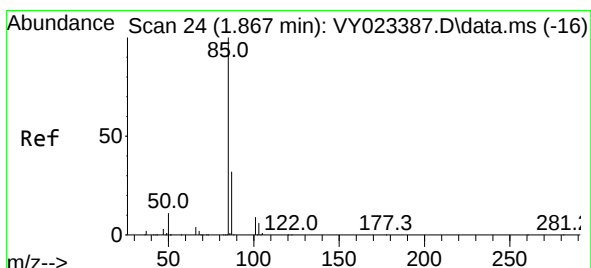
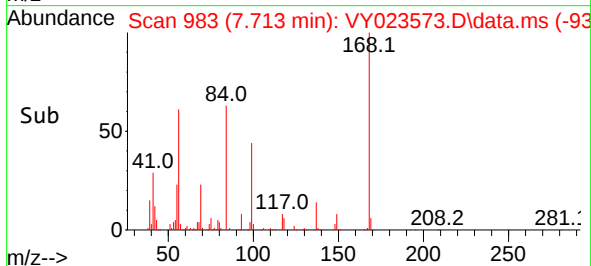
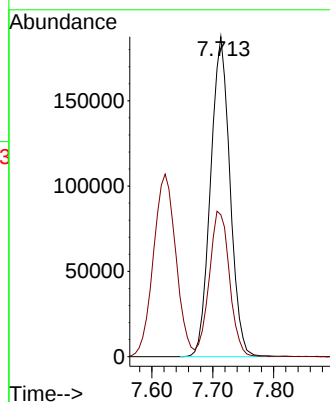
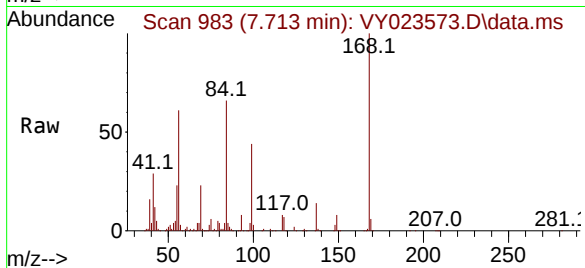




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023573.D
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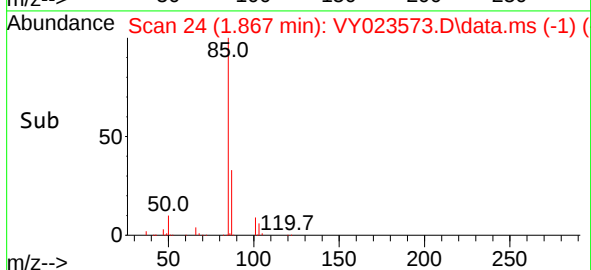
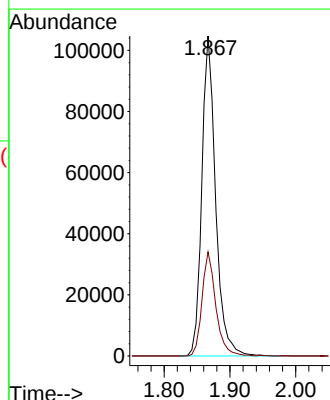
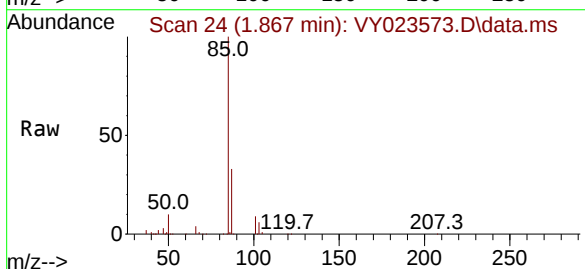
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 415860
Ion Ratio Lower Upper
168 100
99 44.3 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 51.026 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 85 Resp: 152736
Ion Ratio Lower Upper
85 100
87 32.5 16.0 47.9

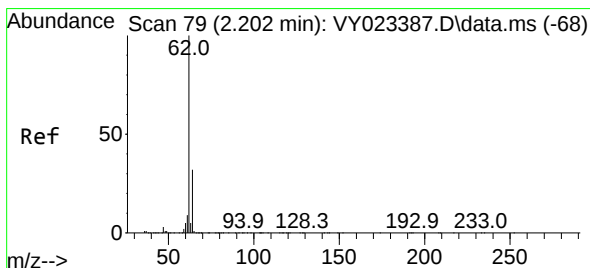
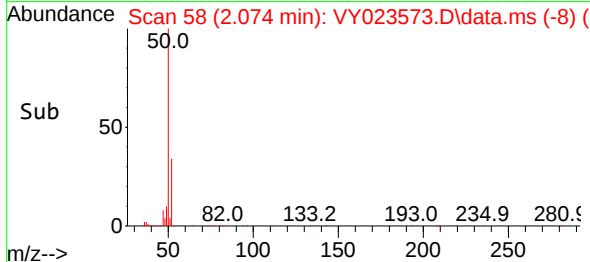
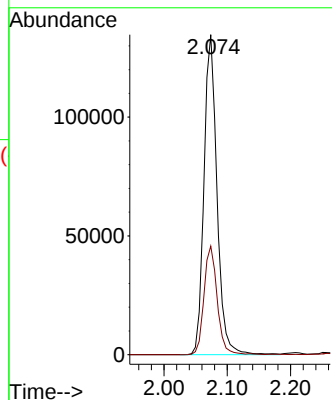
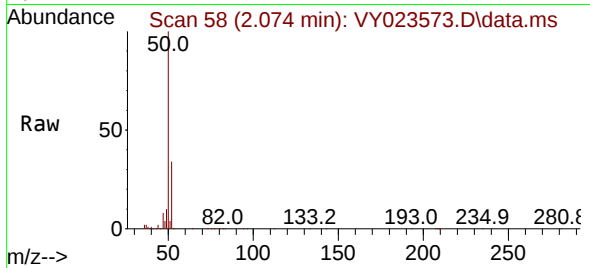




#3
Chloromethane
Concen: 47.387 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

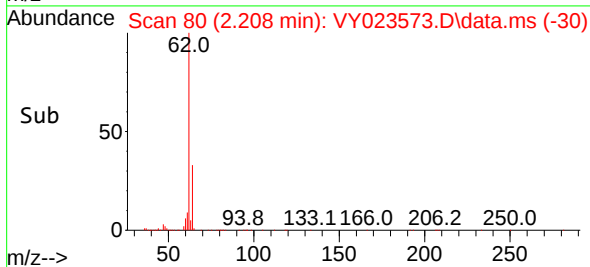
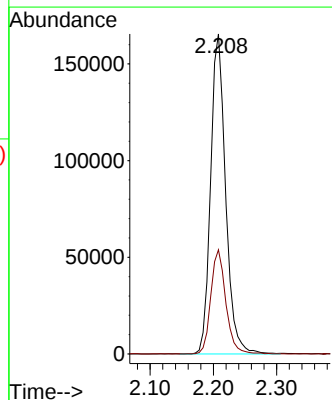
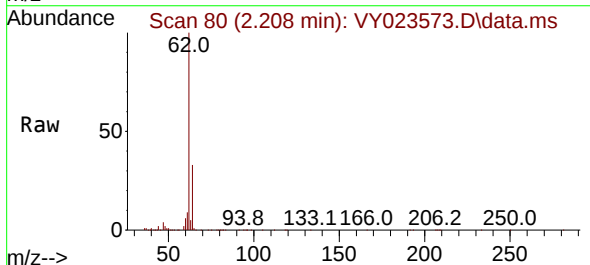
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

Tgt Ion: 50 Resp: 193230
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.2



#4
Vinyl Chloride
Concen: 51.367 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 62 Resp: 272817
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.8

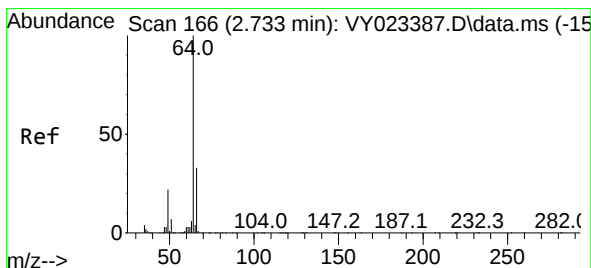
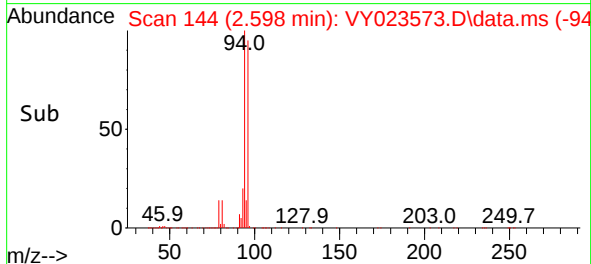
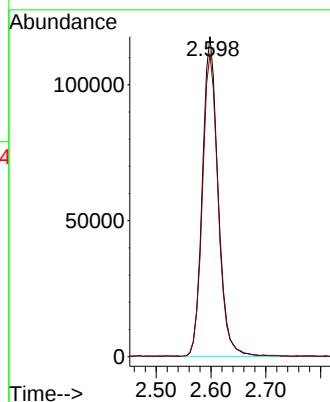
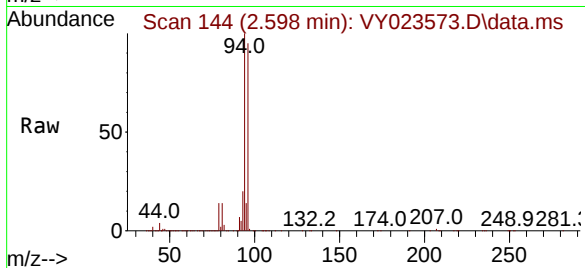




#5
Bromomethane
Concen: 52.280 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

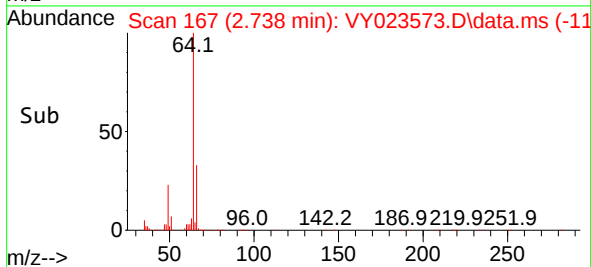
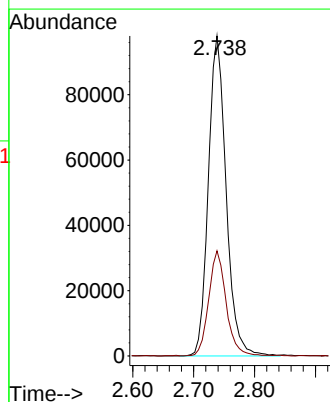
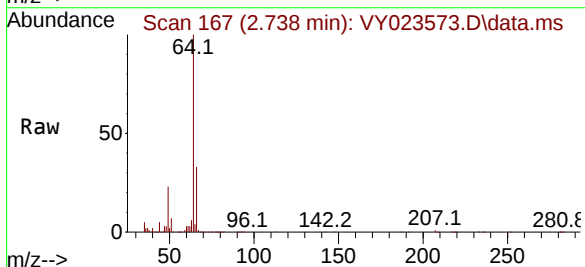
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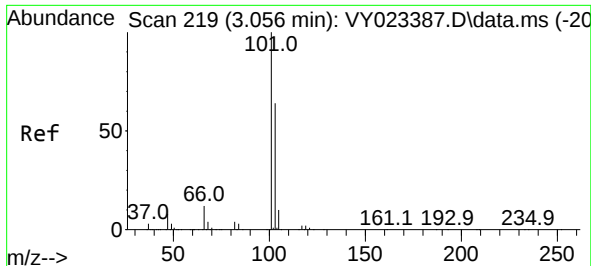
Tgt Ion: 94 Resp: 233015
Ion Ratio Lower Upper
94 100
96 94.5 74.5 111.7



#6
Chloroethane
Concen: 54.811 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 64 Resp: 198434
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4

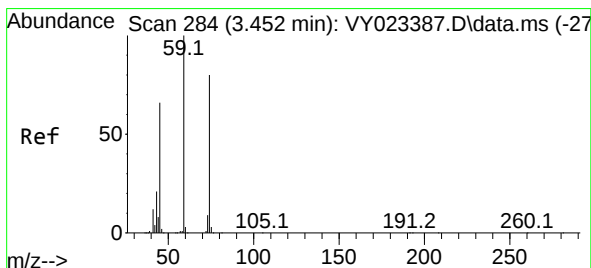
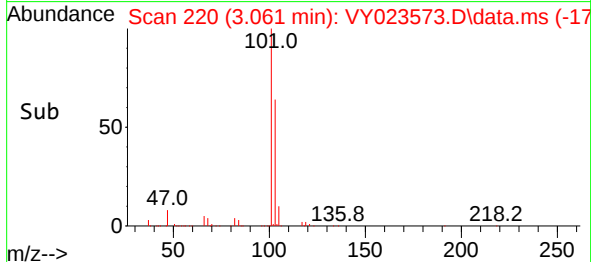
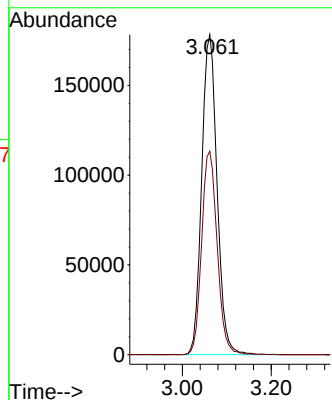
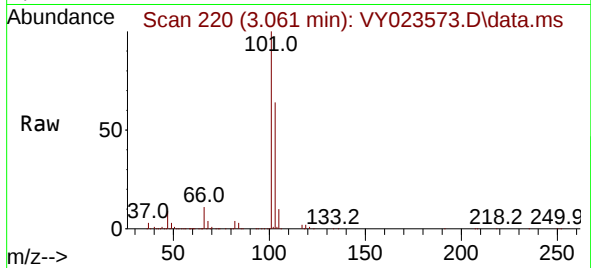




#7
 Trichlorofluoromethane
 Concen: 58.202 ug/l
 RT: 3.061 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023573.D
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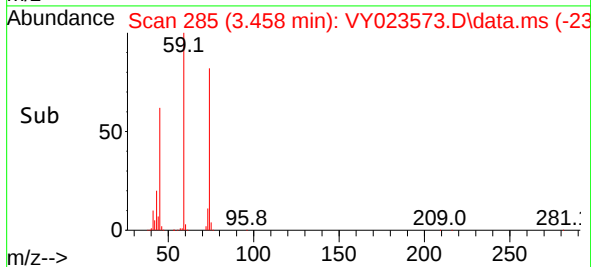
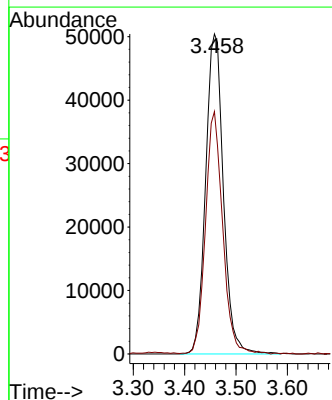
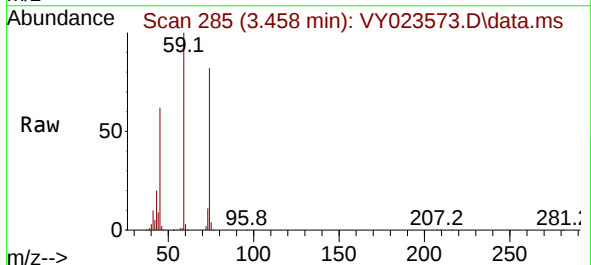
Instrument :
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Tgt Ion:101 Resp: 429206
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.3 76.9



#8
 Diethyl Ether
 Concen: 62.717 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023573.D
 Acq: 24 Oct 2025 12:07

Tgt Ion: 74 Resp: 120853
 Ion Ratio Lower Upper
 74 100
 45 73.3 39.9 119.7

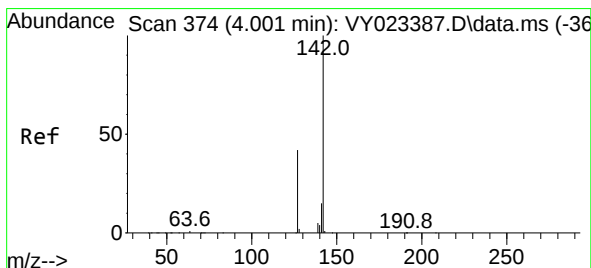
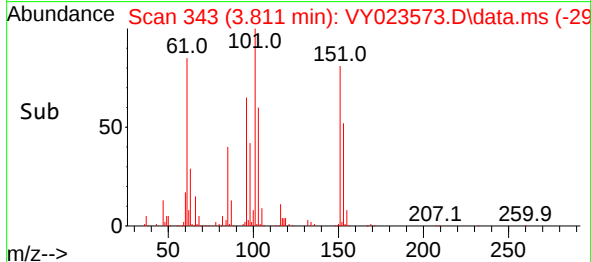
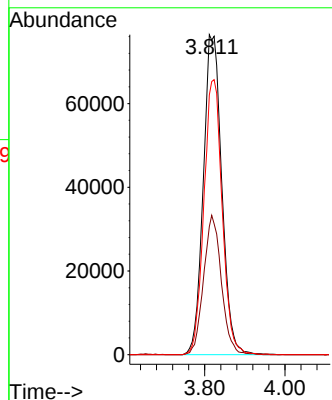
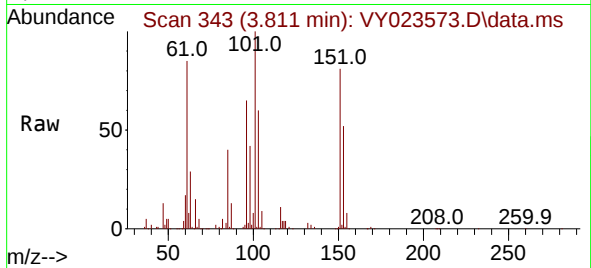




#9
1,1,2-Trichlorotrifluoroethane
Concen: 63.895 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023573.D
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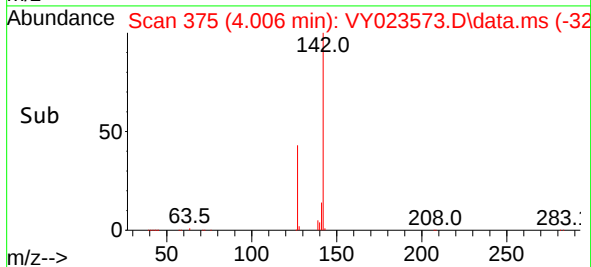
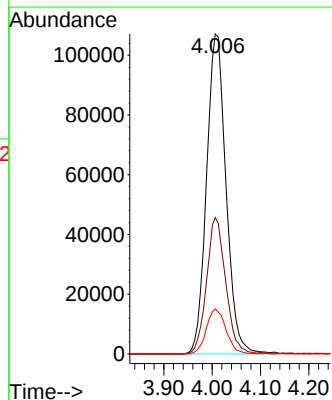
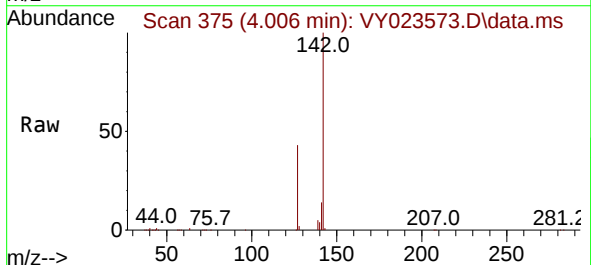
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Tgt Ion:101 Resp: 244510
Ion Ratio Lower Upper
101 100
85 41.9 34.6 51.8
151 85.2 67.0 100.6



#10
Methyl Iodide
Concen: 70.552 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion:142 Resp: 300562
Ion Ratio Lower Upper
142 100
127 41.7 34.8 52.2
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 316.655 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

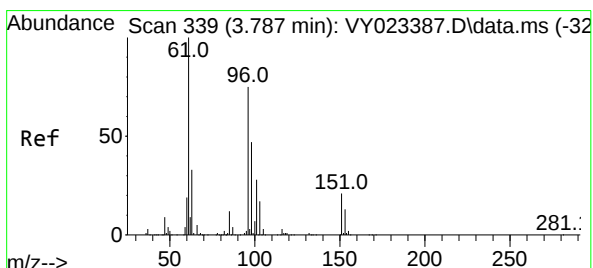
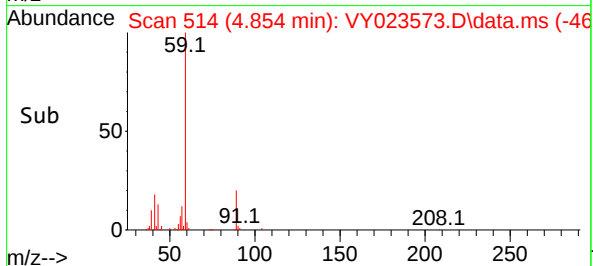
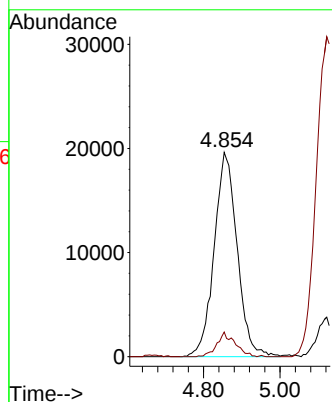
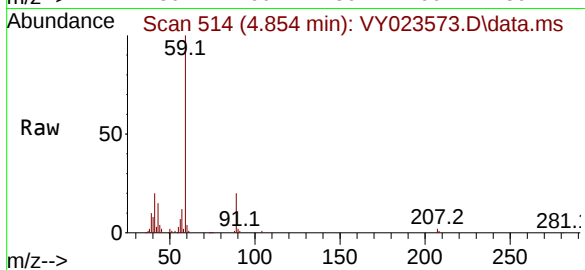
TP-11-VOC

Tgt Ion: 59 Resp: 81920

Ion Ratio Lower Upper

59 100

57 9.5 8.3 12.5



#12

1,1-Dichloroethene

Concen: 61.759 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

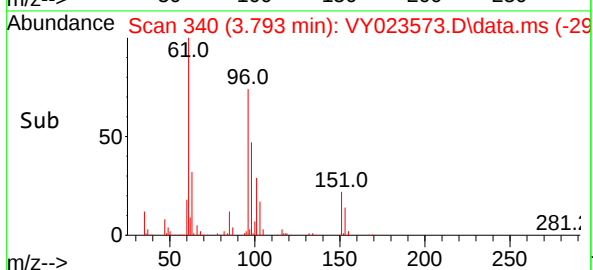
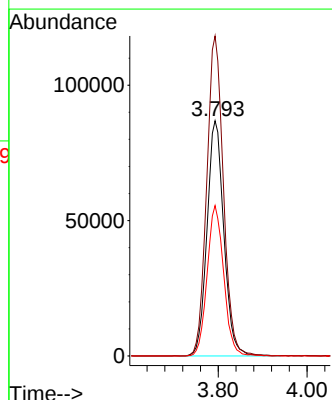
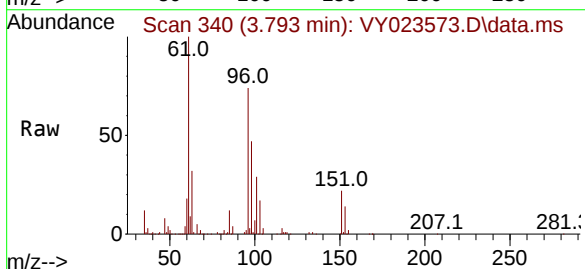
Tgt Ion: 96 Resp: 229101

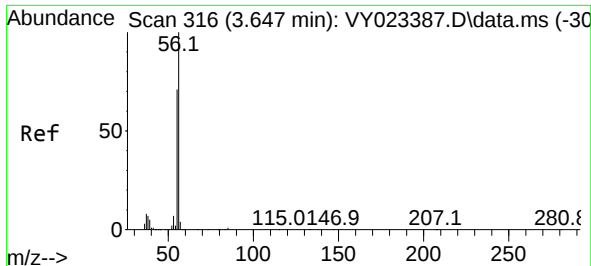
Ion Ratio Lower Upper

96 100

61 136.1 106.7 160.1

98 63.9 50.2 75.4

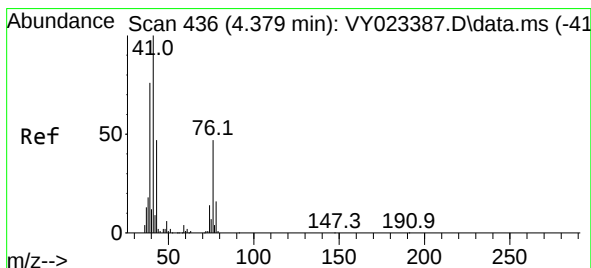
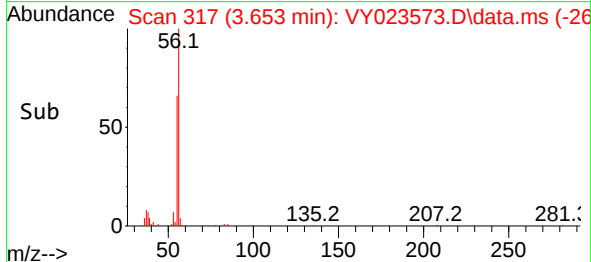
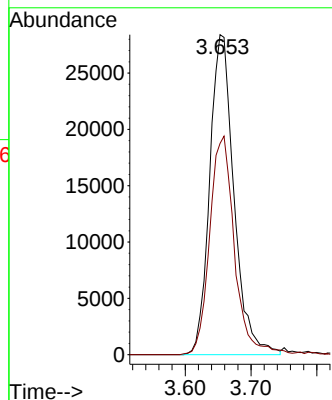
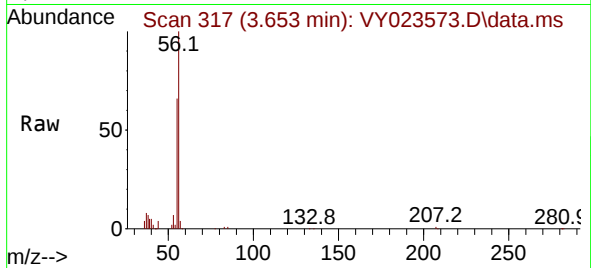




#13
Acrolein
Concen: 199.423 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

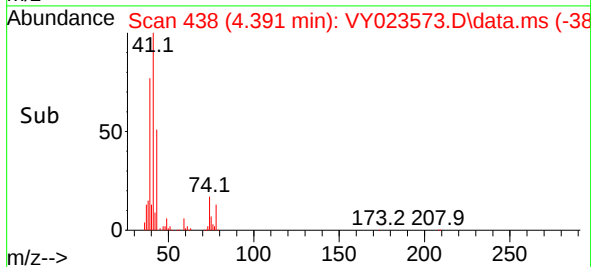
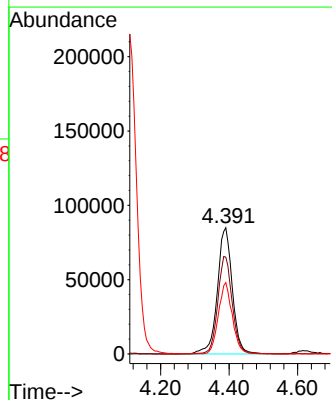
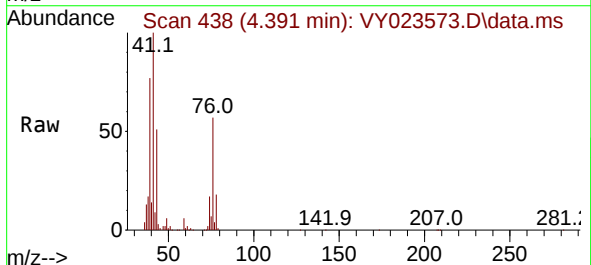
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

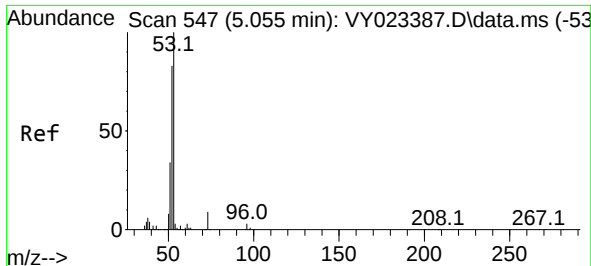
Tgt Ion: 56 Resp: 72900
Ion Ratio Lower Upper
56 100
55 69.7 56.1 84.1



#14
Allyl chloride
Concen: 56.804 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 41 Resp: 256807
Ion Ratio Lower Upper
41 100
39 74.4 59.9 89.9
76 52.5 38.0 57.0

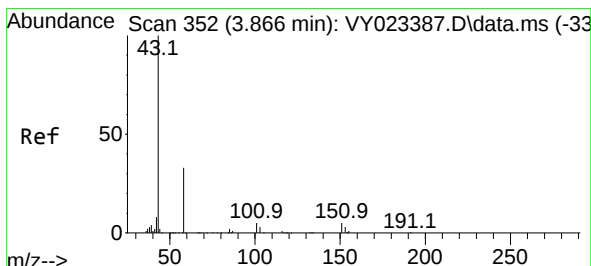
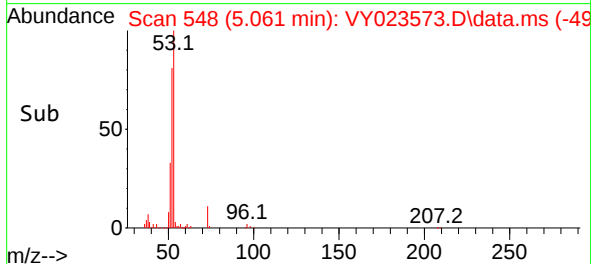
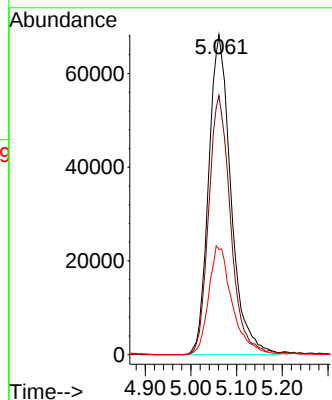
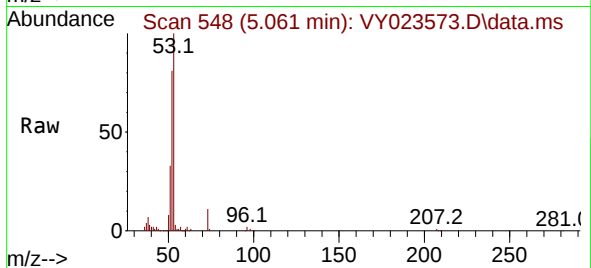




#15
Acrylonitrile
Concen: 314.714 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

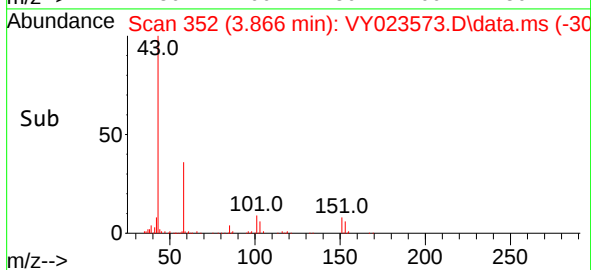
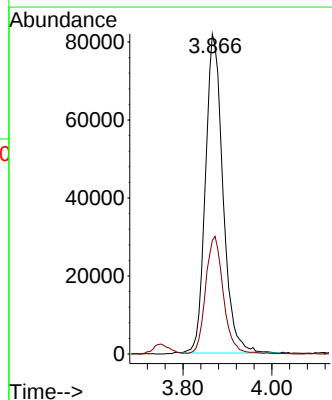
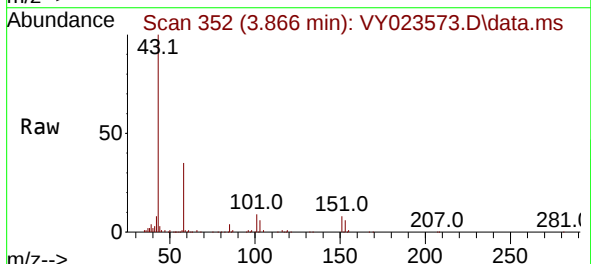
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

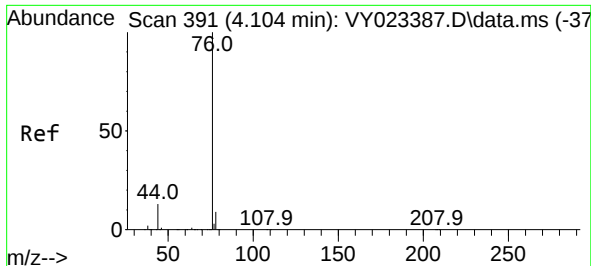
Tgt Ion: 53 Resp: 232083
Ion Ratio Lower Upper
53 100
52 79.6 64.6 97.0
51 35.9 29.5 44.3



#16
Acetone
Concen: 271.410 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 43 Resp: 224695
Ion Ratio Lower Upper
43 100
58 35.5 27.7 41.5

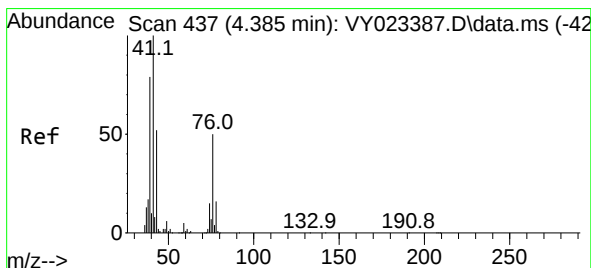
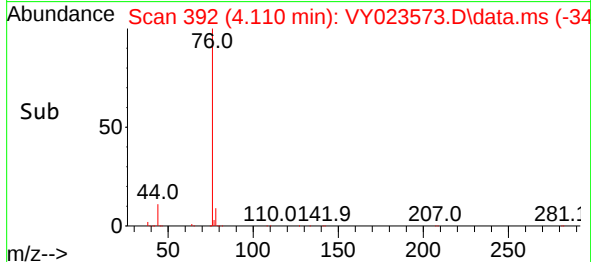
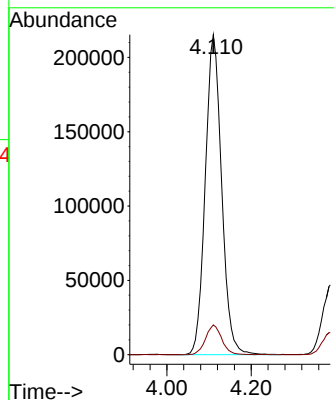
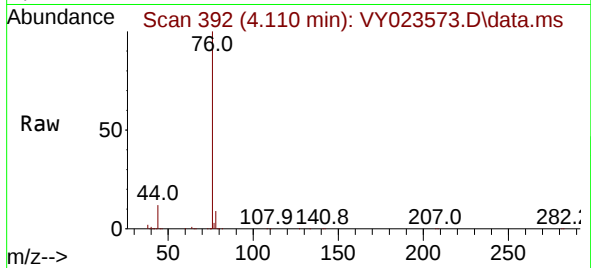




#17
Carbon Disulfide
Concen: 54.716 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

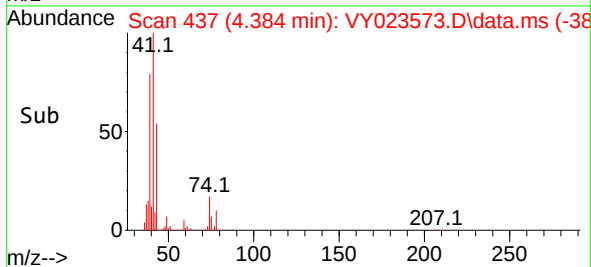
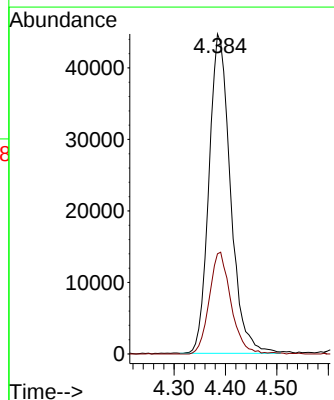
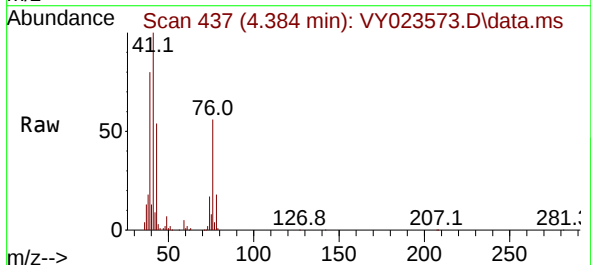
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

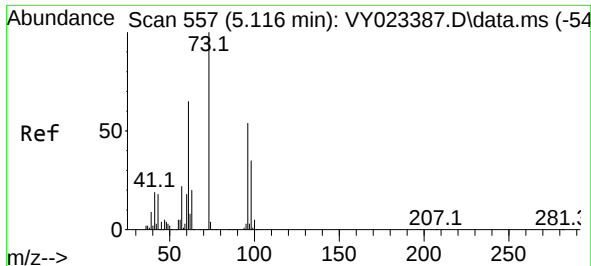
Tgt Ion: 76 Resp: 580934
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 59.784 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 43 Resp: 129833
Ion Ratio Lower Upper
43 100
74 32.0 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 65.699 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

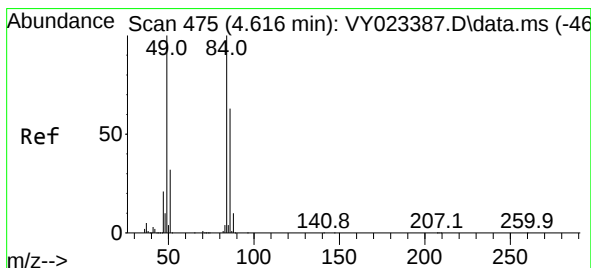
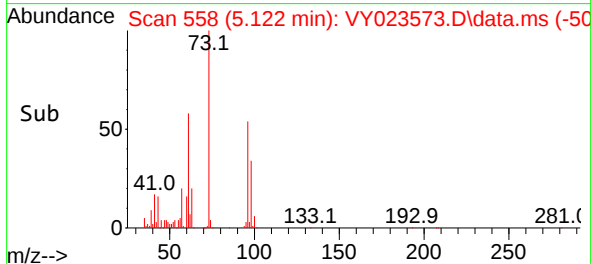
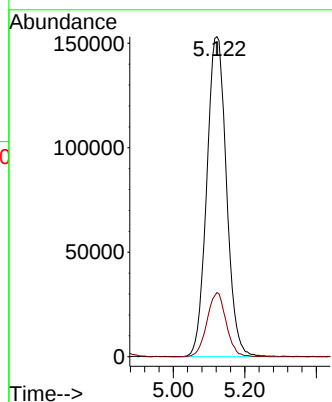
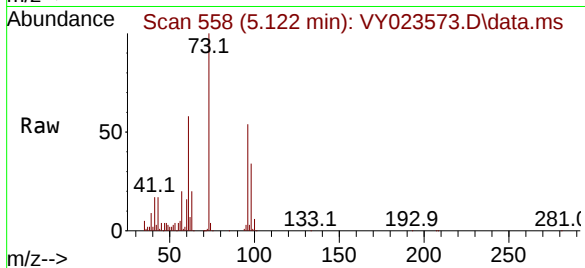
TP-11-VOC

Tgt Ion: 73 Resp: 585747

Ion Ratio Lower Upper

73 100

57 20.1 17.4 26.0



#20

Methylene Chloride

Concen: 58.269 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Tgt Ion: 84 Resp: 260853

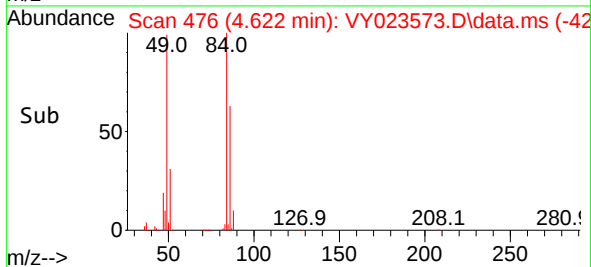
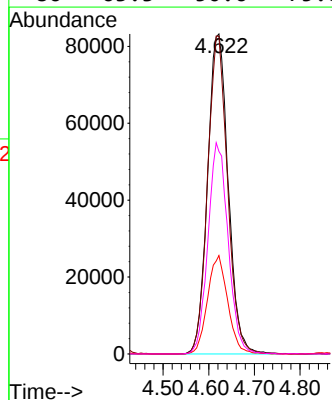
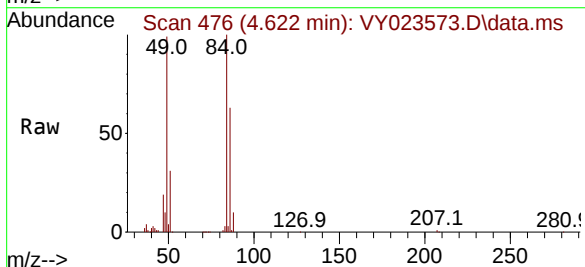
Ion Ratio Lower Upper

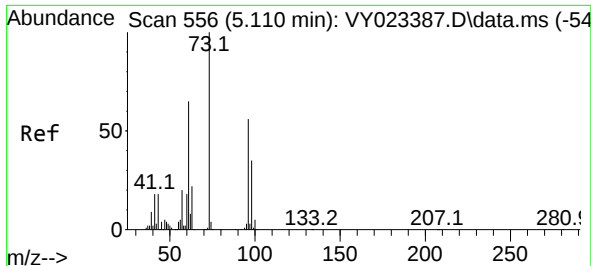
84 100

49 99.2 80.2 120.4

51 30.7 25.9 38.9

86 63.3 50.6 75.8

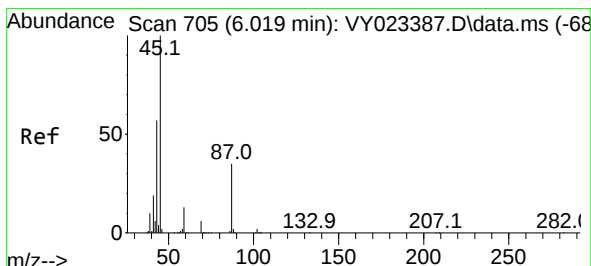
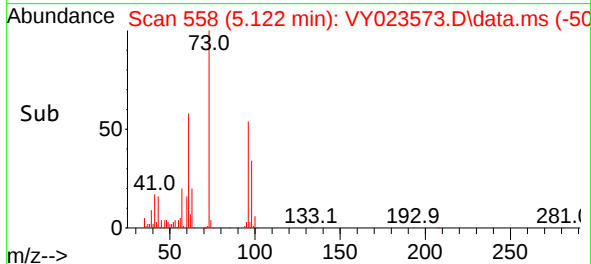
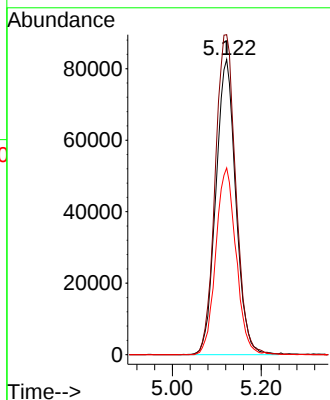
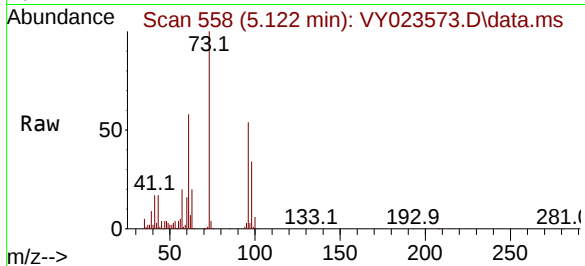




#21
trans-1,2-Dichloroethene
Concen: 63.065 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

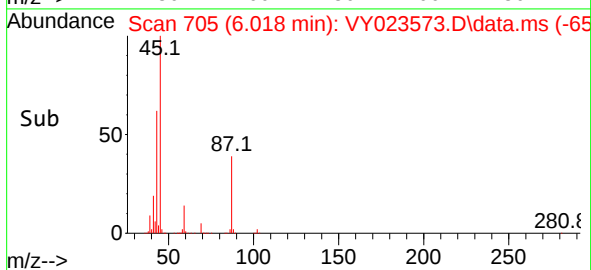
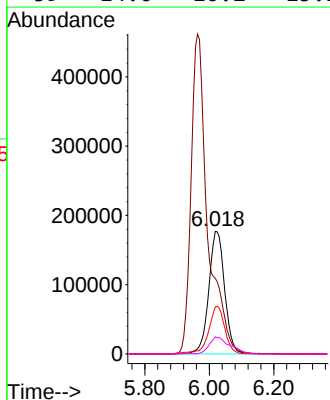
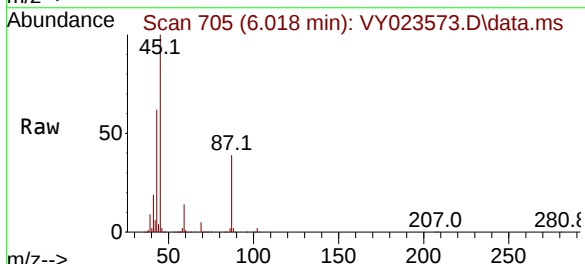
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

Tgt Ion: 96 Resp: 257565
Ion Ratio Lower Upper
96 100
61 108.4 92.7 139.1
98 63.3 49.7 74.5



#22
Diisopropyl ether
Concen: 60.381 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 45 Resp: 603822
Ion Ratio Lower Upper
45 100
43 61.3 45.6 68.4
87 38.6 28.1 42.1
59 14.0 10.2 15.2

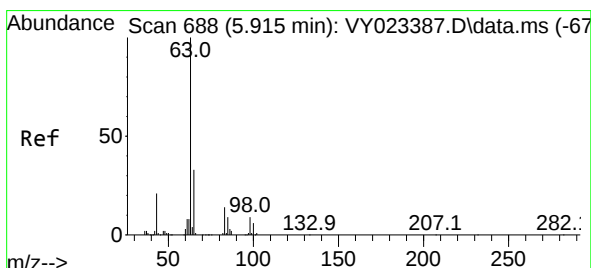
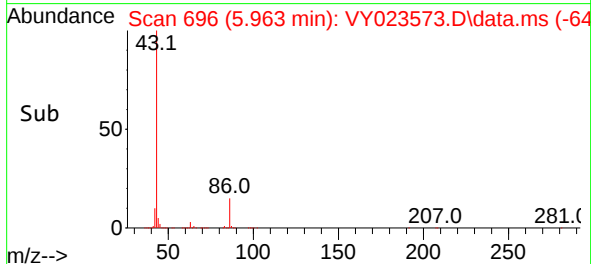
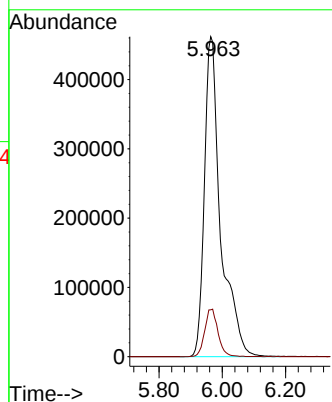
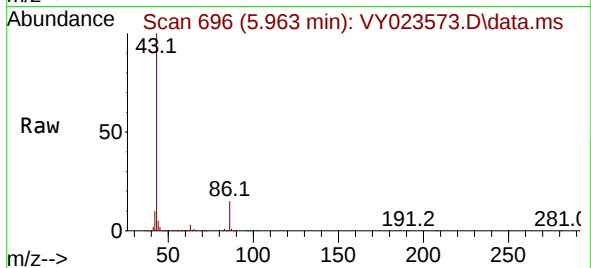




#23
 Vinyl Acetate
 Concen: 304.382 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023573.D
 Acq: 24 Oct 2025 12:07

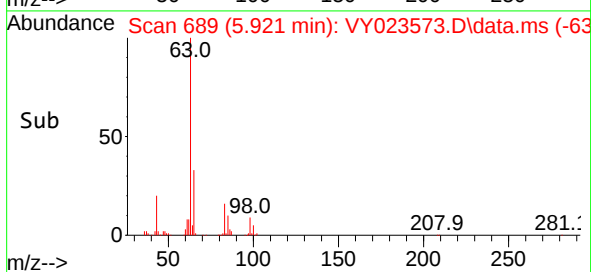
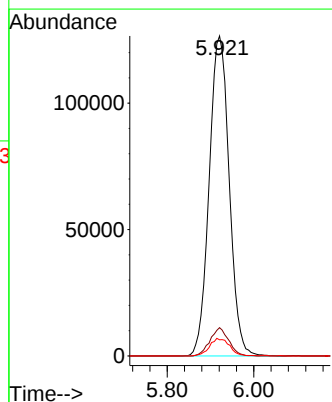
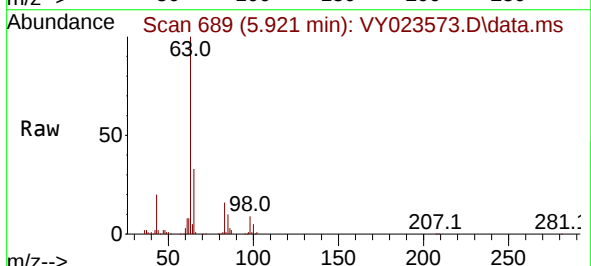
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11-VOC

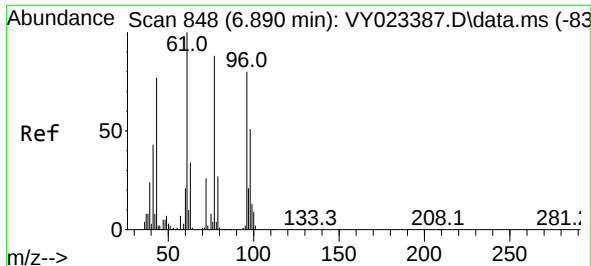
Tgt Ion: 43 Resp: 1647575
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 61.392 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023573.D
 Acq: 24 Oct 2025 12:07

Tgt Ion: 63 Resp: 406674
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.3 13.1
 100 5.1 2.8 8.4





#25

2-Butanone

Concen: 293.132 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

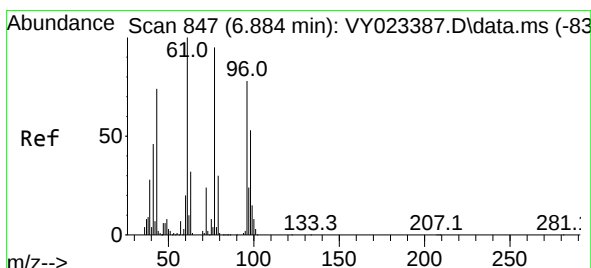
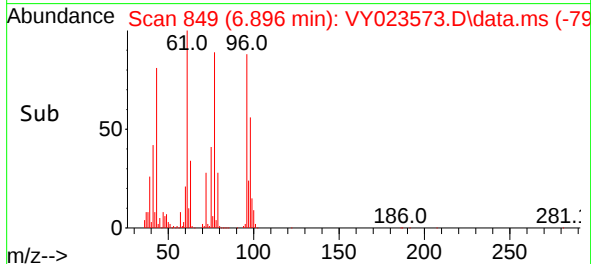
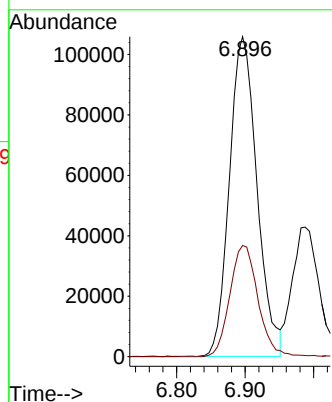
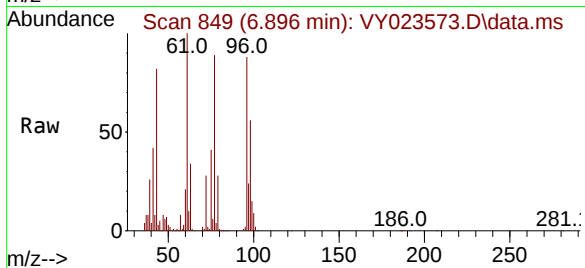
TP-11-VOC

Tgt Ion: 43 Resp: 296271

Ion Ratio Lower Upper

43 100

72 34.8 27.4 41.2



#26

2,2-Dichloropropane

Concen: 62.950 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023573.D

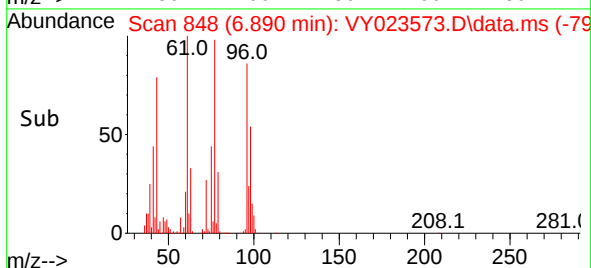
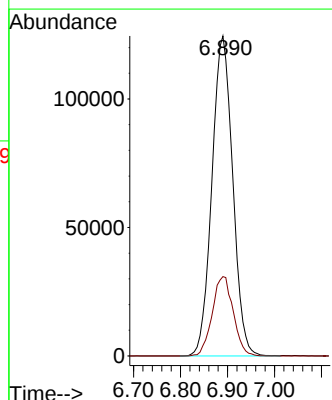
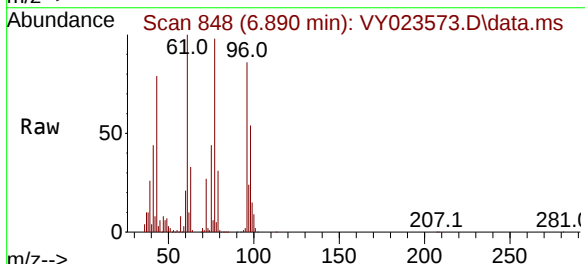
Acq: 24 Oct 2025 12:07

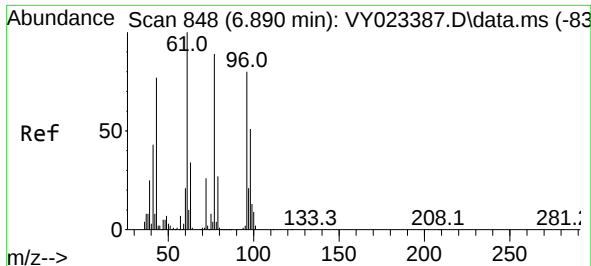
Tgt Ion: 77 Resp: 382627

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 65.785 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

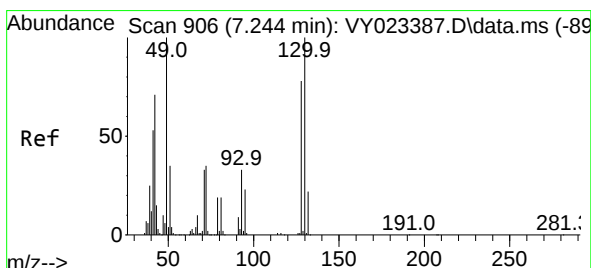
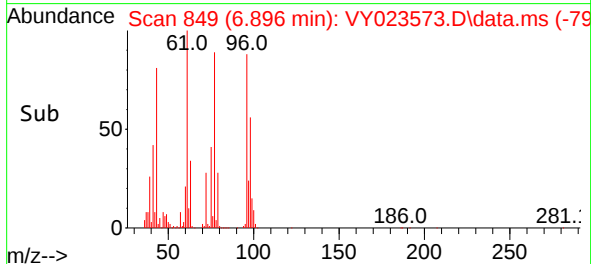
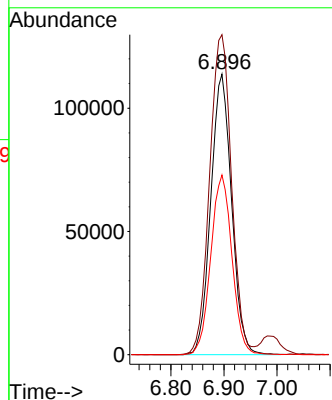
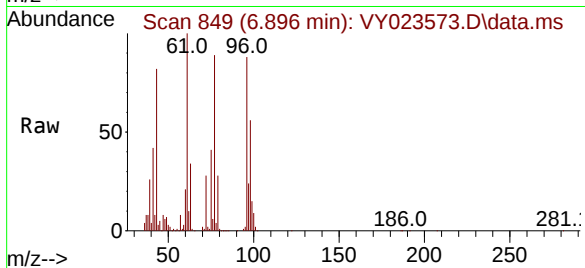
Tgt Ion: 96 Resp: 310351

Ion Ratio Lower Upper

96 100

61 120.4 0.0 258.2

98 65.2 0.0 132.0



#28

Bromochloromethane

Concen: 41.067 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

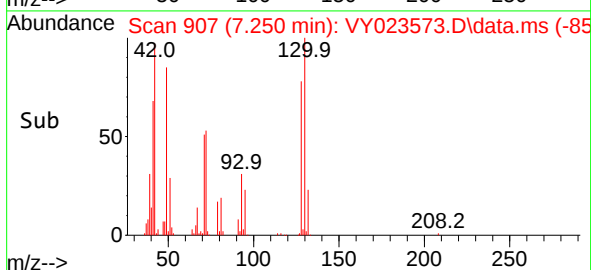
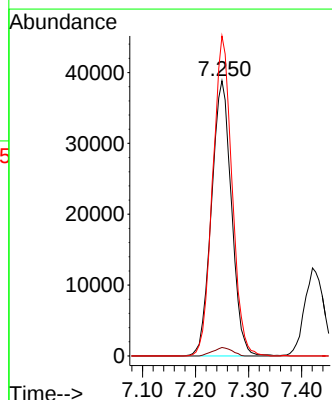
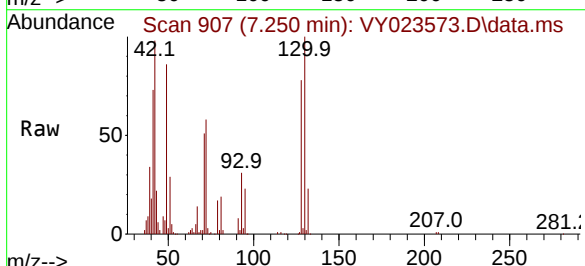
Tgt Ion: 49 Resp: 101555

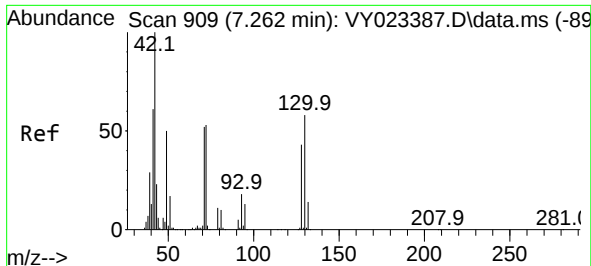
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.6

130 112.3 81.9 122.9





#29

Tetrahydrofuran

Concen: 304.727 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

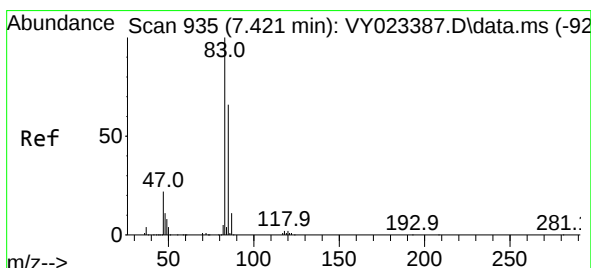
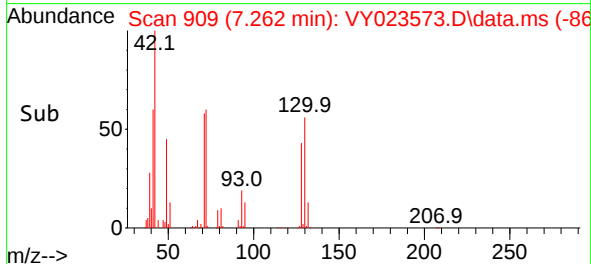
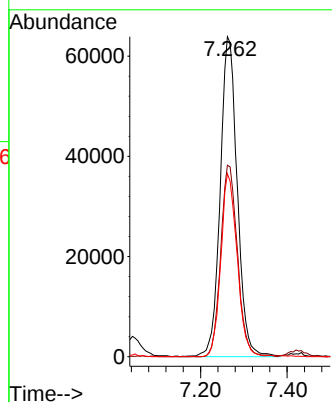
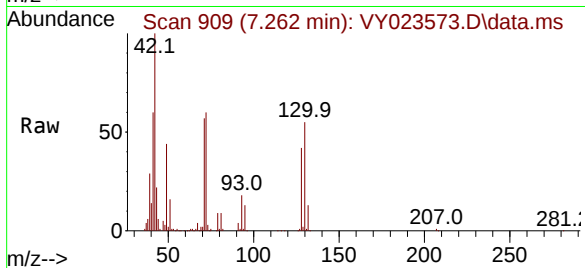
Tgt Ion: 42 Resp: 174652

Ion Ratio Lower Upper

42 100

72 58.9 43.0 64.6

71 54.5 40.1 60.1



#30

Chloroform

Concen: 63.890 ug/l

RT: 7.420 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023573.D

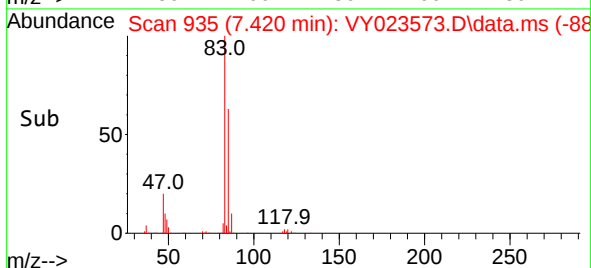
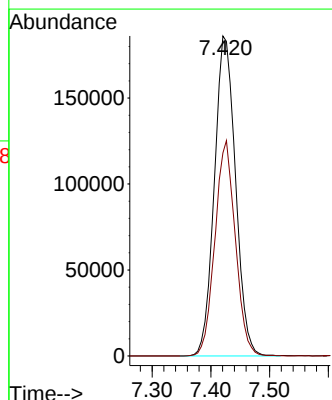
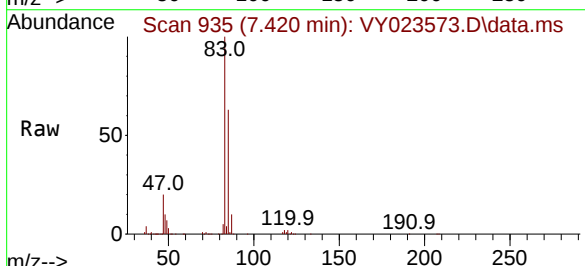
Acq: 24 Oct 2025 12:07

Tgt Ion: 83 Resp: 464988

Ion Ratio Lower Upper

83 100

85 63.4 52.5 78.7

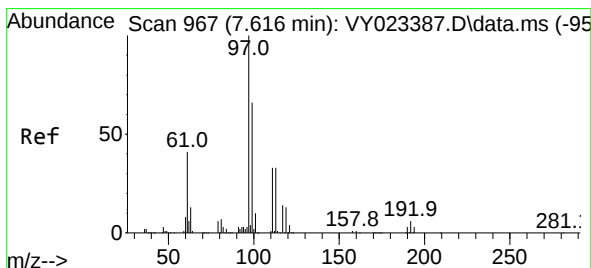
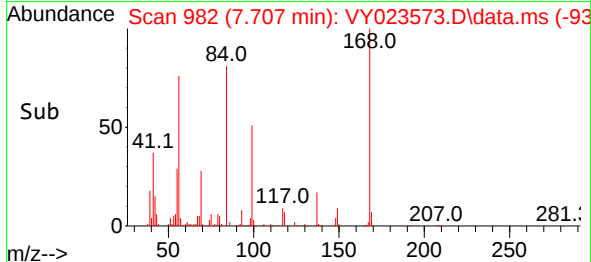
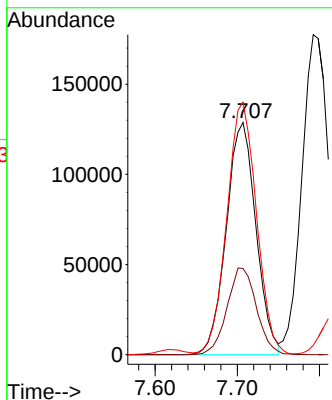
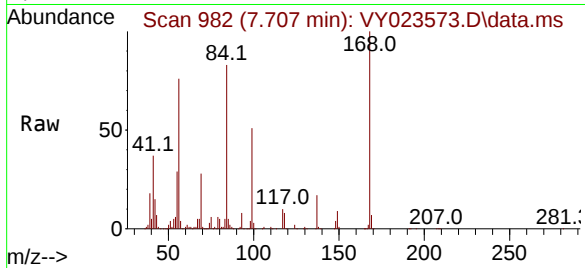




#31
Cyclohexane
Concen: 55.987 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

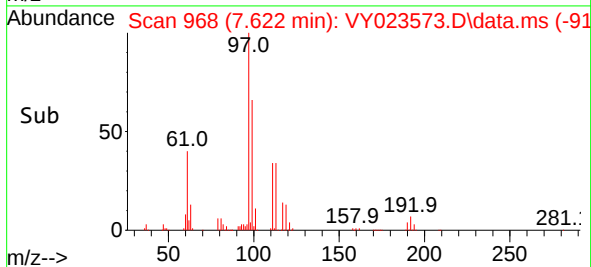
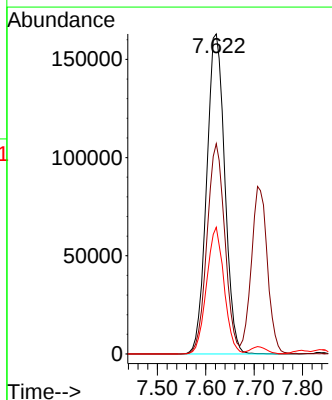
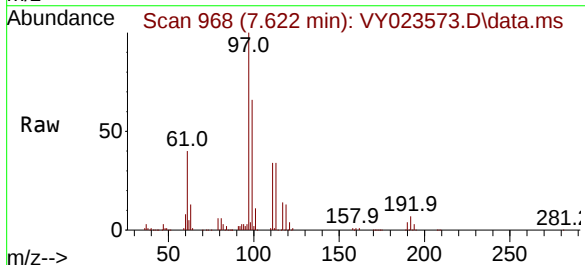
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

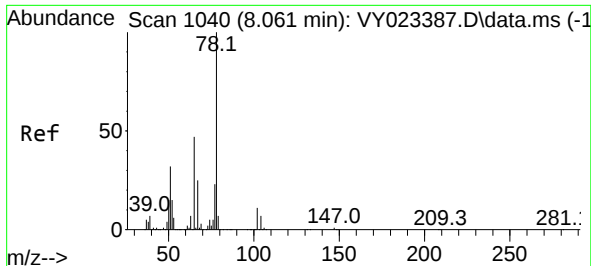
Tgt Ion: 56 Resp: 323875
Ion Ratio Lower Upper
56 100
69 37.1 30.0 45.0
84 106.7 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 64.196 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 97 Resp: 424592
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 38.3 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 56.091 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

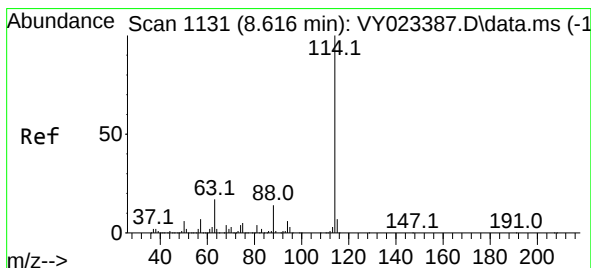
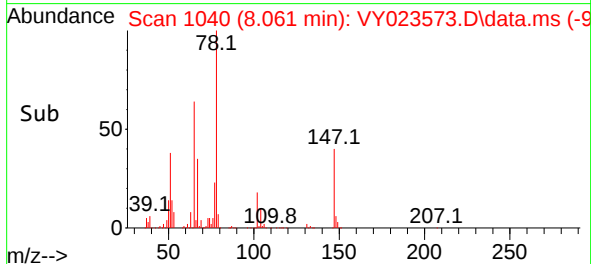
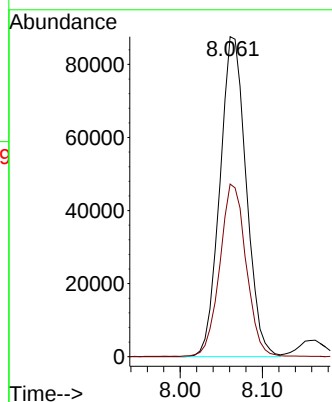
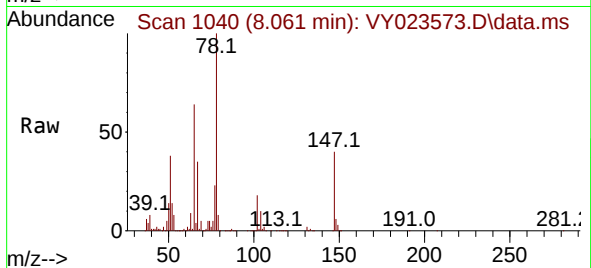
TP-11-VOC

Tgt Ion: 65 Resp: 195055

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

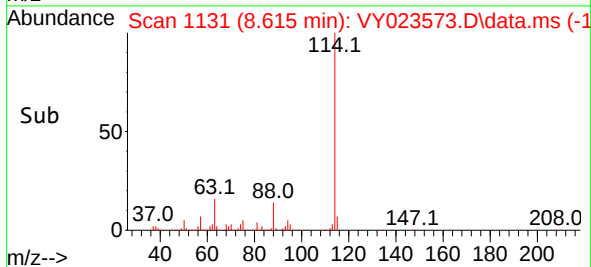
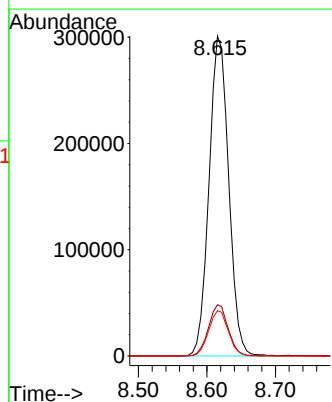
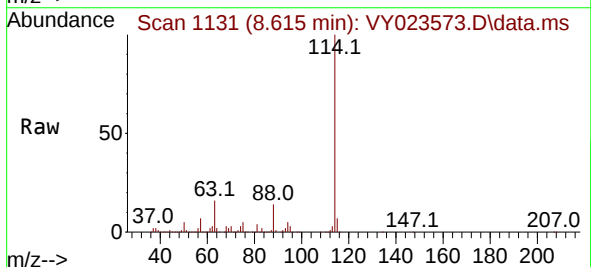
Tgt Ion: 114 Resp: 599508

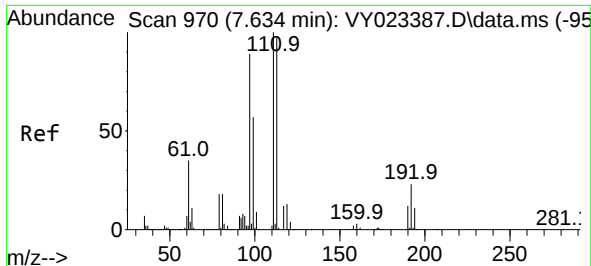
Ion Ratio Lower Upper

114 100

63 16.0 0.0 34.2

88 14.1 0.0 28.4

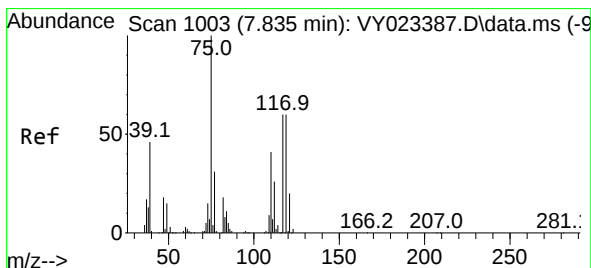
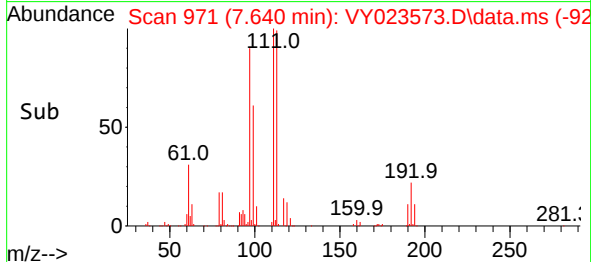
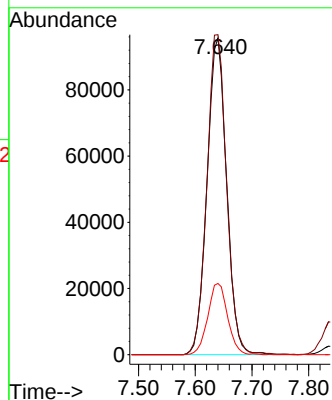
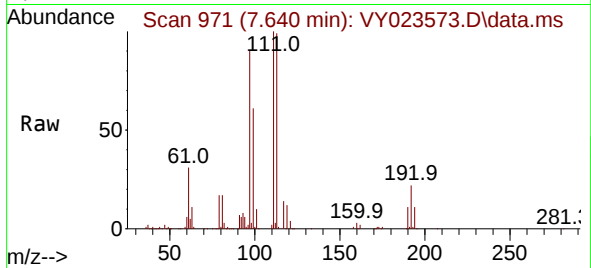




#35
Dibromofluoromethane
Concen: 62.235 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

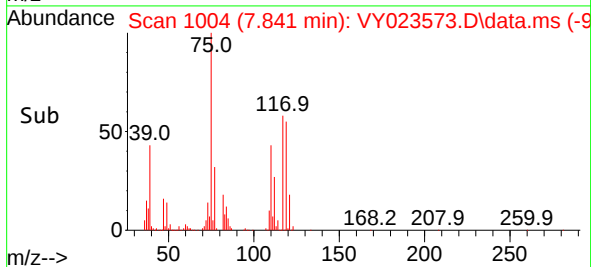
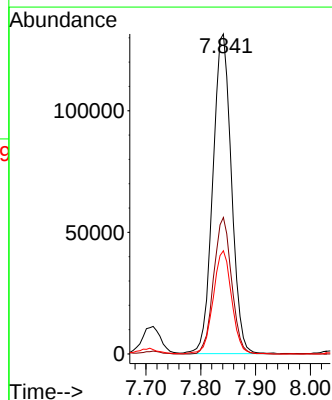
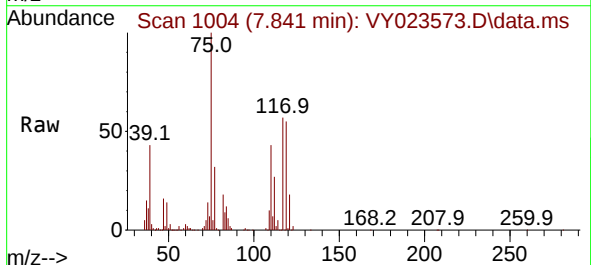
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

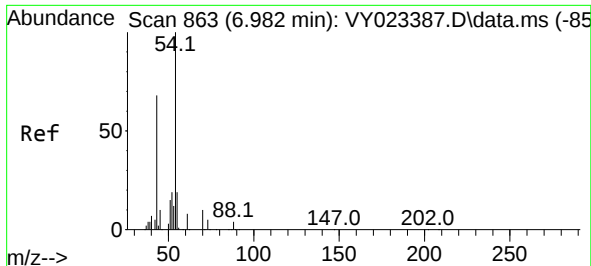
Tgt Ion:113 Resp: 229256
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.6
192 22.8 18.0 27.0



#36
1,1-Dichloropropene
Concen: 63.401 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 75 Resp: 309194
Ion Ratio Lower Upper
75 100
110 41.2 19.9 59.7
77 32.2 25.0 37.6

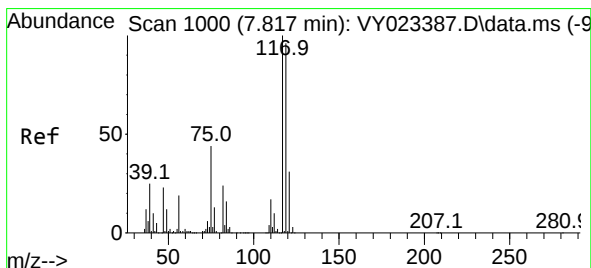
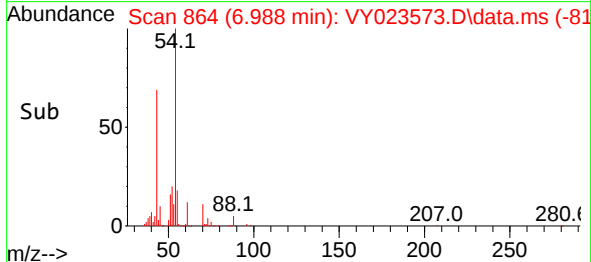
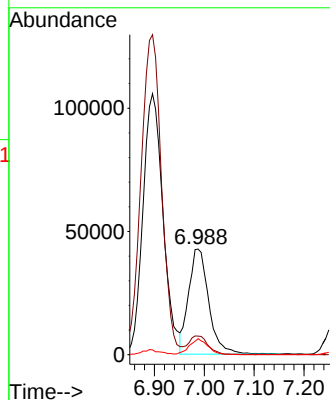
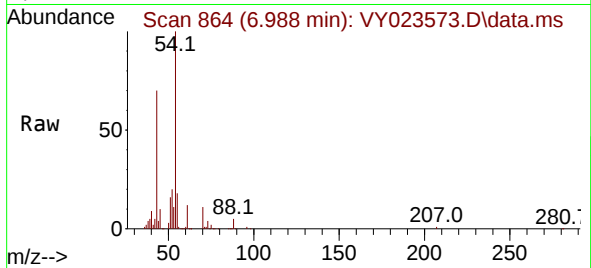




#37
Ethyl Acetate
Concen: 62.107 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

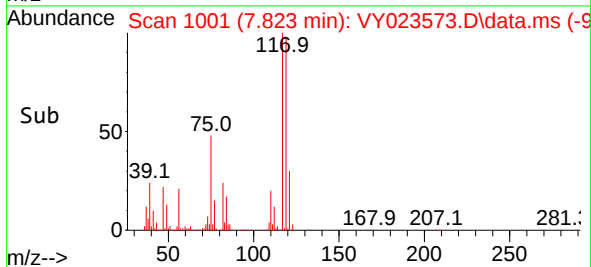
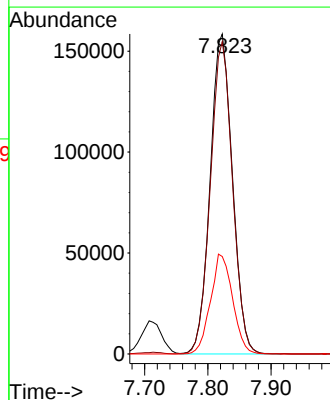
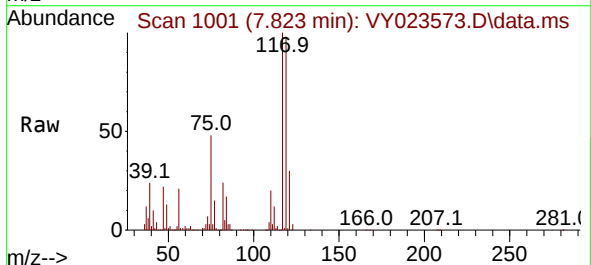
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

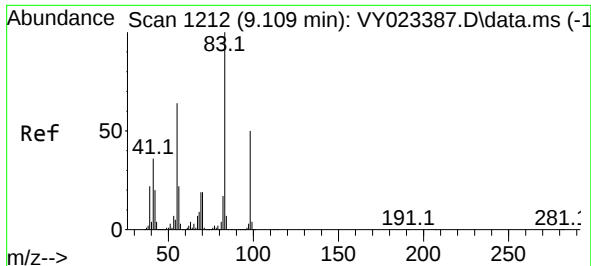
Tgt Ion: 43 Resp: 119995
Ion Ratio Lower Upper
43 100
61 17.4 11.8 17.8
70 13.9 10.5 15.7



#38
Carbon Tetrachloride
Concen: 65.678 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 117 Resp: 388384
Ion Ratio Lower Upper
117 100
119 97.5 76.8 115.2
121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 66.004 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

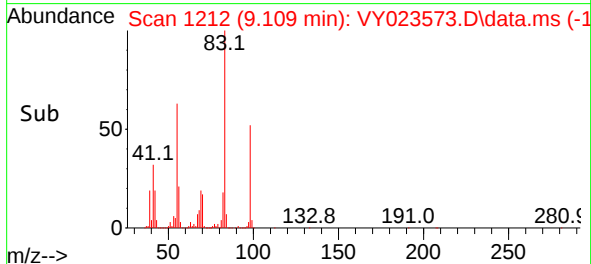
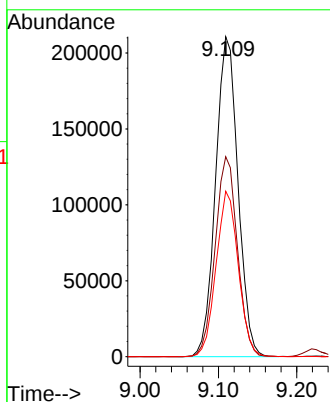
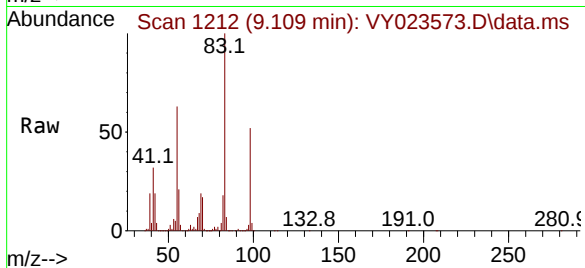
Tgt Ion: 83 Resp: 419109

Ion Ratio Lower Upper

83 100

55 62.5 51.4 77.2

98 51.7 40.4 60.6



#40

Benzene

Concen: 64.692 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023573.D

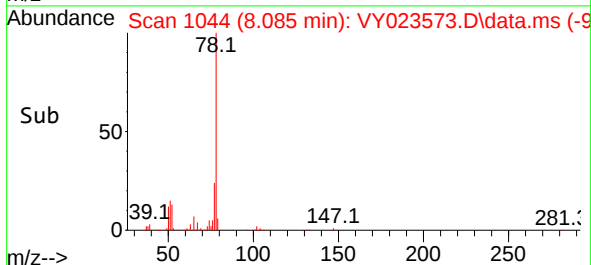
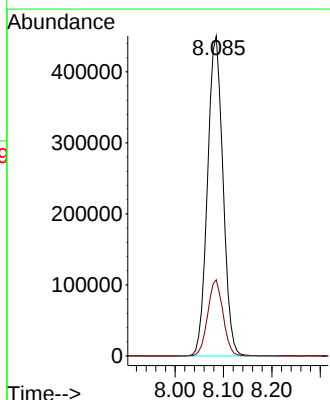
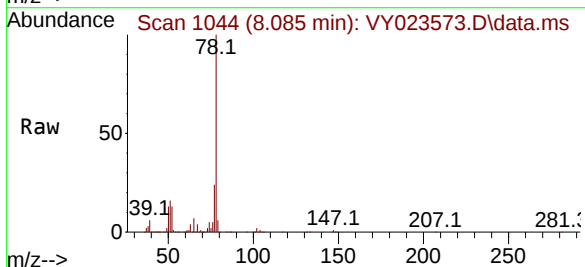
Acq: 24 Oct 2025 12:07

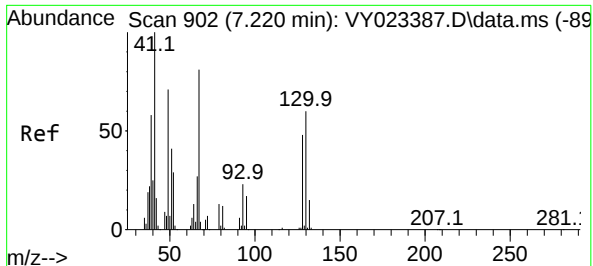
Tgt Ion: 78 Resp: 999133

Ion Ratio Lower Upper

78 100

77 23.8 18.3 27.5

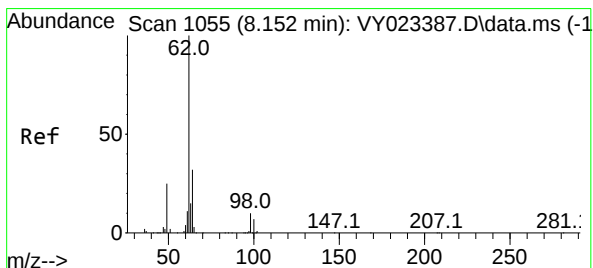
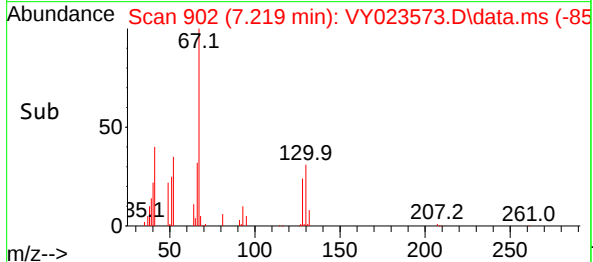
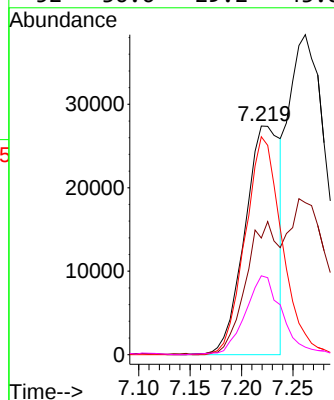
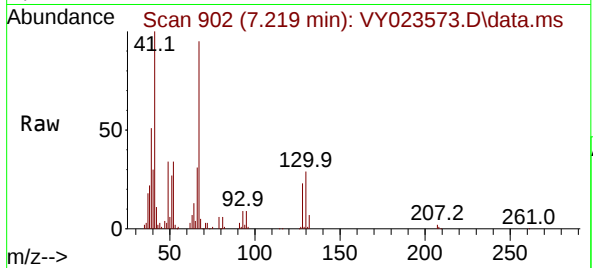




#41
Methacrylonitrile
Concen: 62.630 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

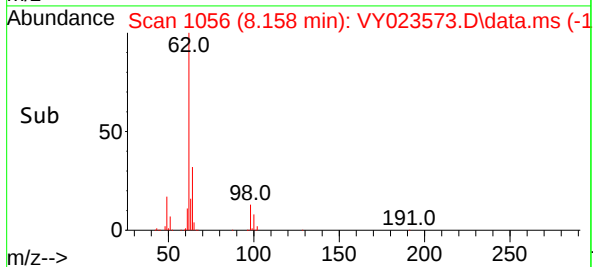
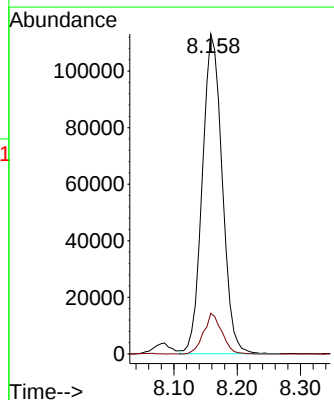
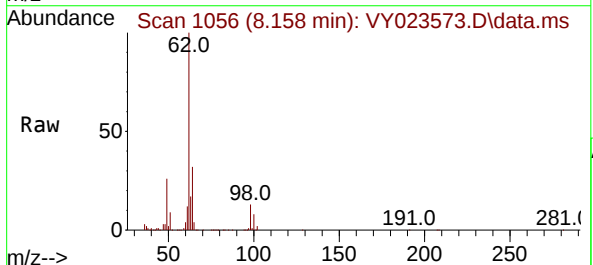
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

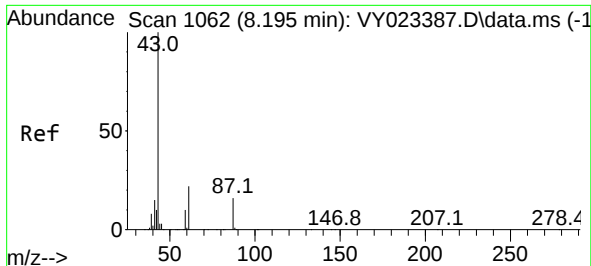
Tgt Ion: 41 Resp: 65445
Ion Ratio Lower Upper
41 100
39 54.3 52.2 78.4
67 100.0 74.9 112.3
52 36.6 29.2 43.8



#42
1,2-Dichloroethane
Concen: 62.187 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 62 Resp: 247700
Ion Ratio Lower Upper
62 100
98 11.6 0.0 21.6

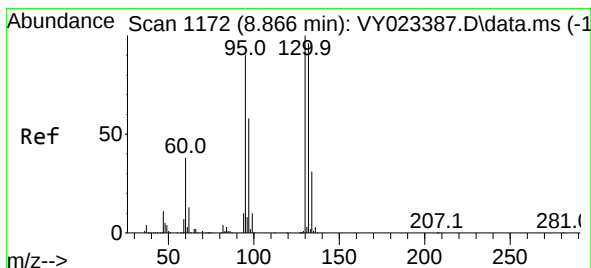
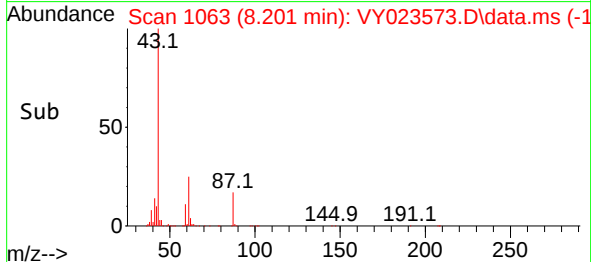
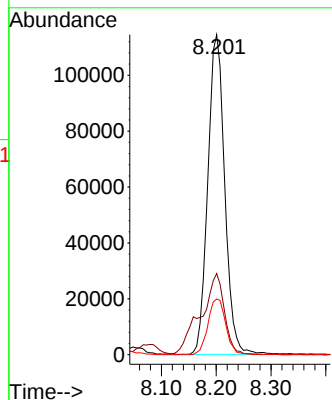
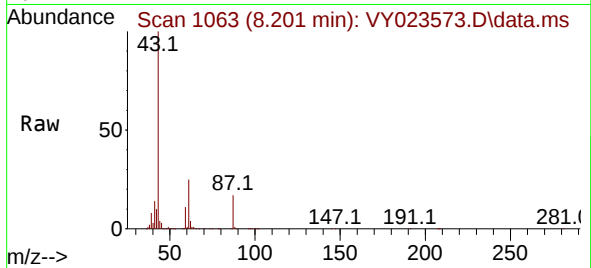




#43
Isopropyl Acetate
Concen: 63.539 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

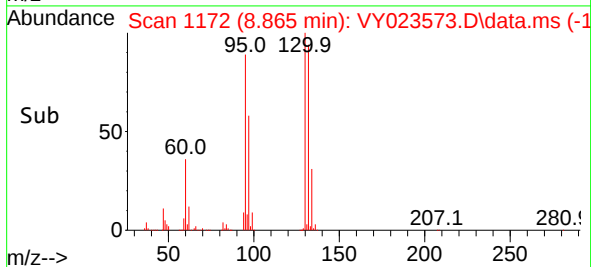
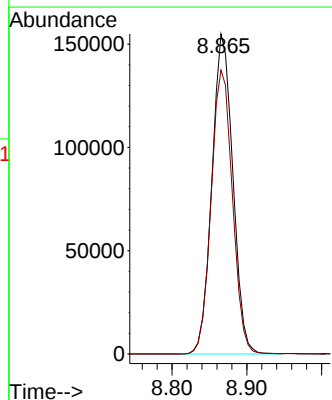
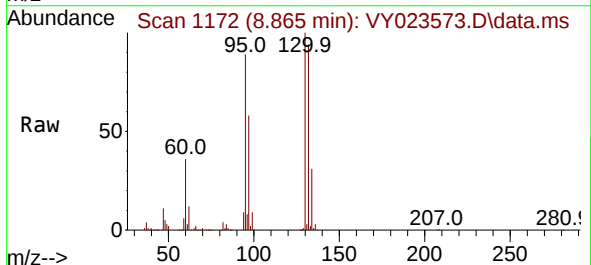
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

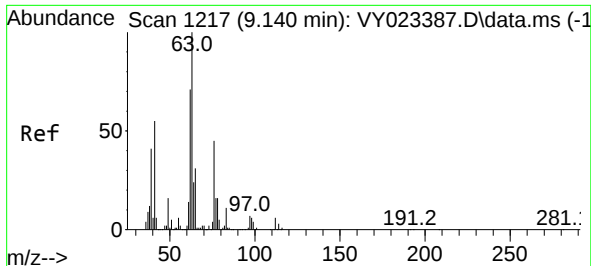
Tgt Ion: 43 Resp: 244790
Ion Ratio Lower Upper
43 100
61 35.8 18.1 27.1#
87 18.3 13.5 20.3



#44
Trichloroethene
Concen: 66.675 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion:130 Resp: 301399
Ion Ratio Lower Upper
130 100
95 88.7 0.0 180.6





#45

1,2-Dichloropropane

Concen: 64.398 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

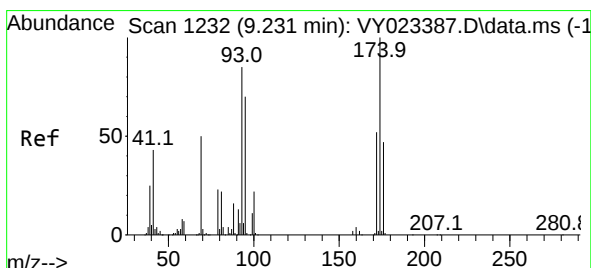
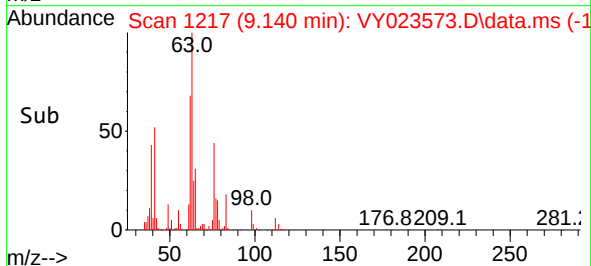
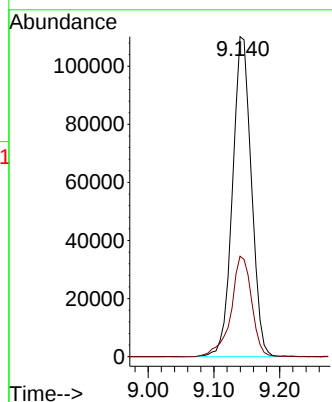
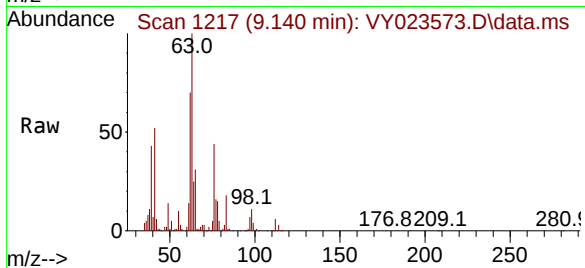
TP-11-VOC

Tgt Ion: 63 Resp: 219684

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 66.317 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

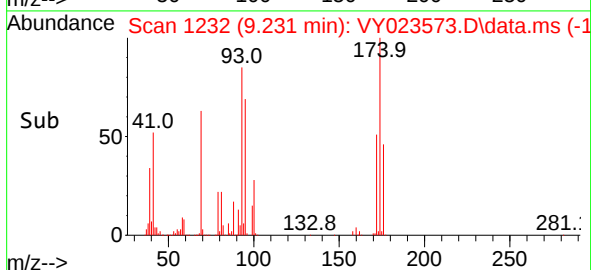
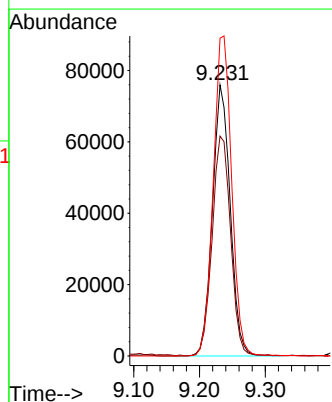
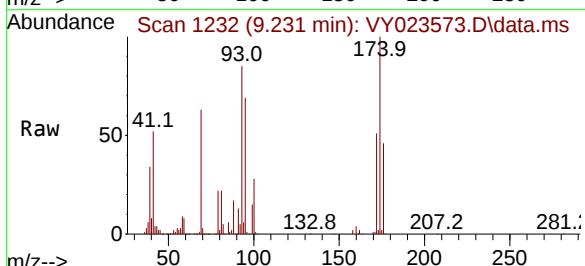
Tgt Ion: 93 Resp: 143052

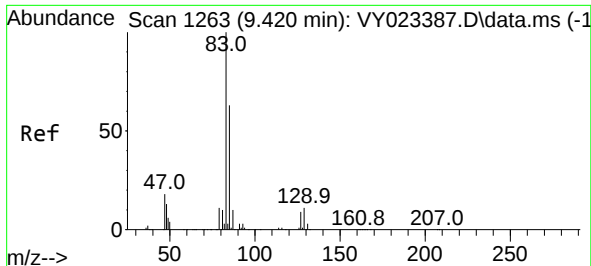
Ion Ratio Lower Upper

93 100

95 83.9 65.4 98.0

174 122.0 92.9 139.3





#47

Bromodichloromethane

Concen: 65.790 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

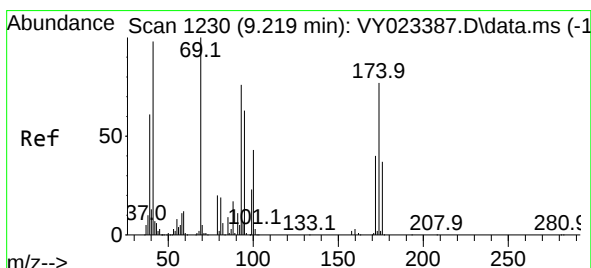
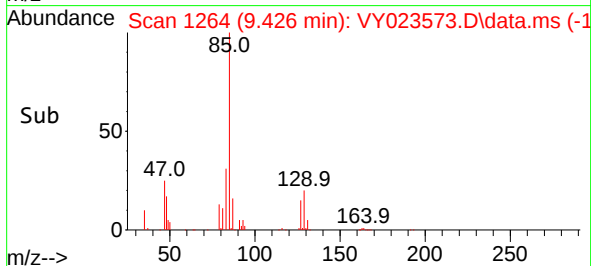
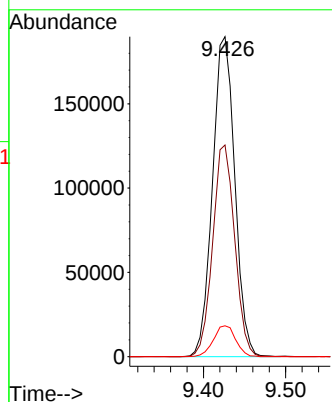
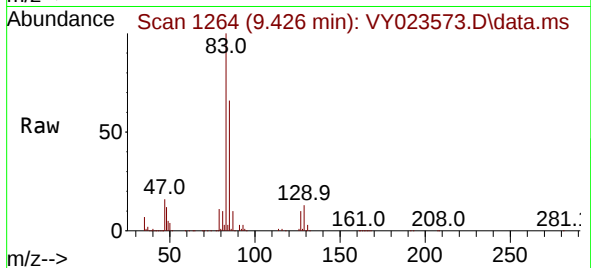
Tgt Ion: 83 Resp: 357420

Ion Ratio Lower Upper

83 100

85 66.1 50.8 76.2

127 9.7 7.4 11.2



#48

Methyl methacrylate

Concen: 62.176 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

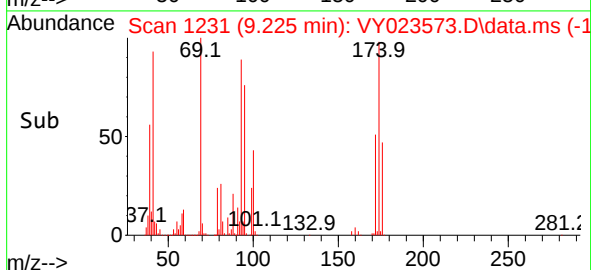
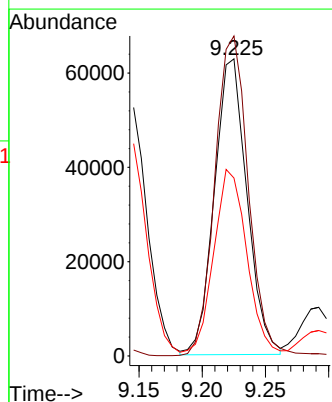
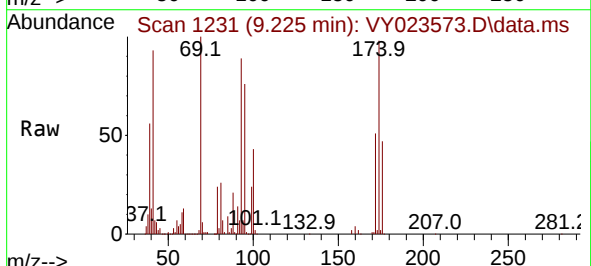
Tgt Ion: 41 Resp: 112533

Ion Ratio Lower Upper

41 100

69 111.4 81.0 121.4

39 64.3 48.2 72.4

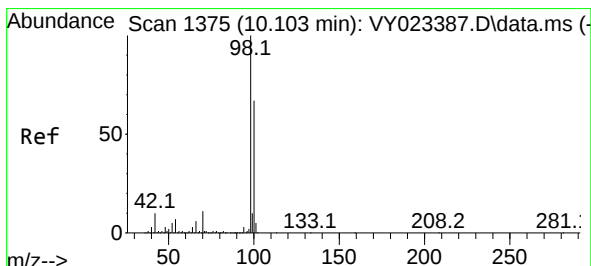
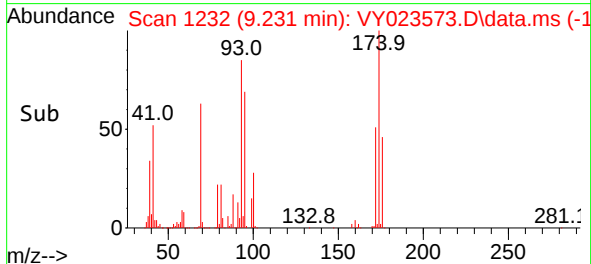
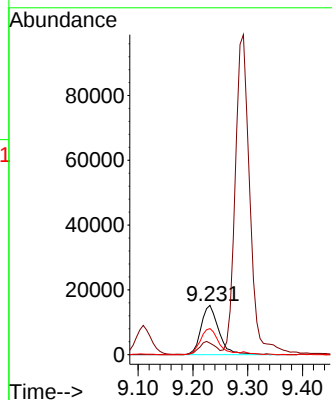
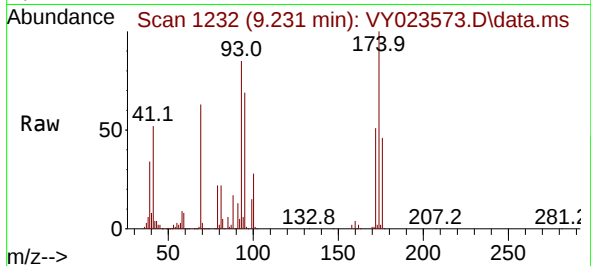




#49
1,4-Dioxane
Concen: 1365.268 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

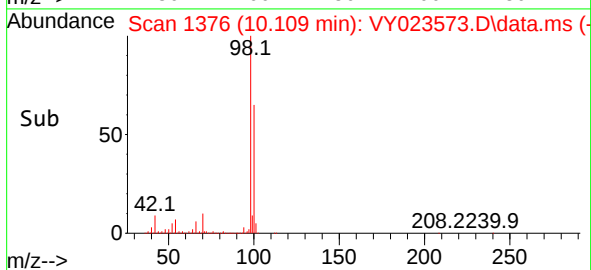
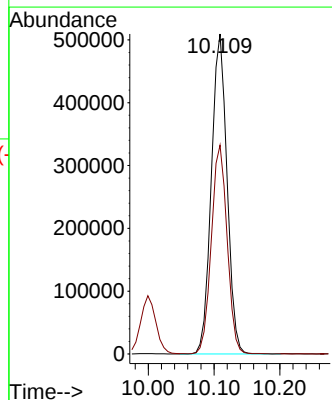
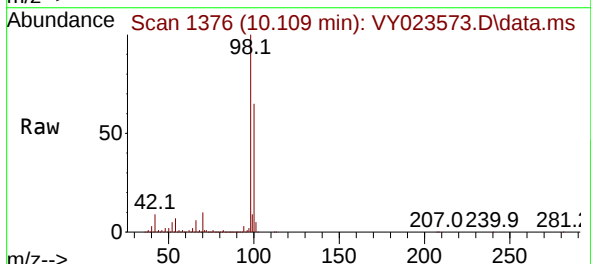
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

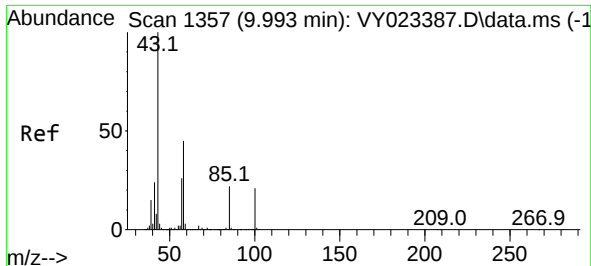
Tgt Ion: 88 Resp: 34145
Ion Ratio Lower Upper
88 100
43 23.4 21.8 32.8
58 54.9 46.8 70.2



#50
Toluene-d8
Concen: 61.567 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 98 Resp: 844609
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 325.915 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

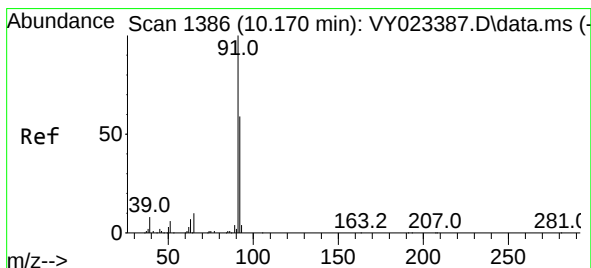
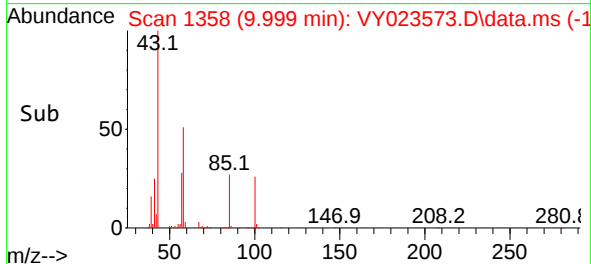
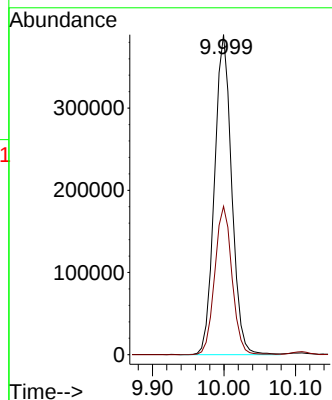
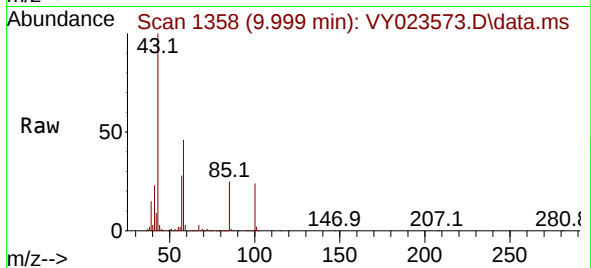
TP-11-VOC

Tgt Ion: 43 Resp: 648732

Ion Ratio Lower Upper

43 100

58 46.5 35.3 52.9



#52

Toluene

Concen: 67.757 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023573.D

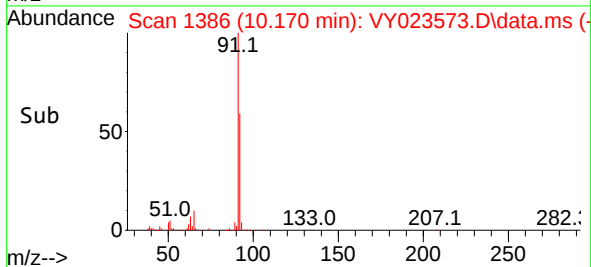
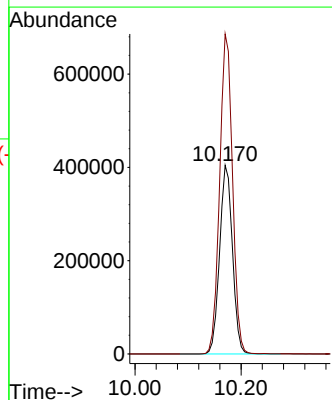
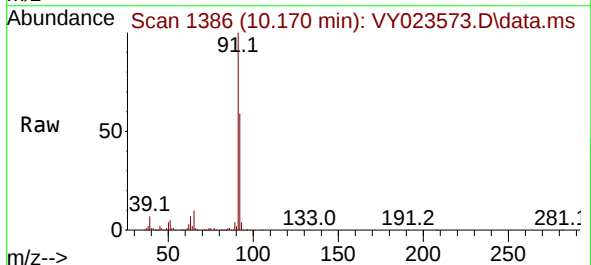
Acq: 24 Oct 2025 12:07

Tgt Ion: 92 Resp: 679457

Ion Ratio Lower Upper

92 100

91 169.7 136.4 204.6

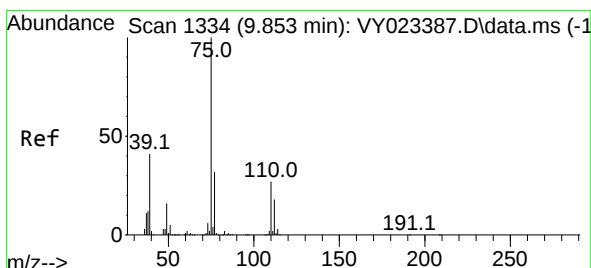
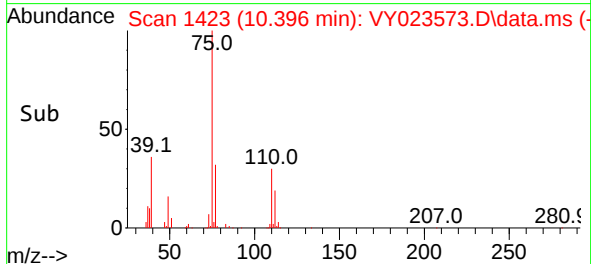
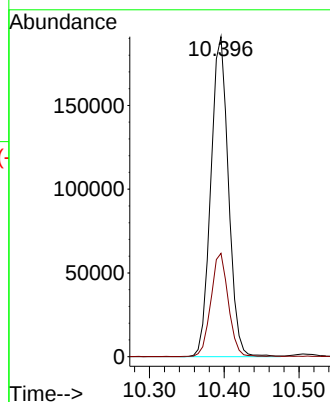
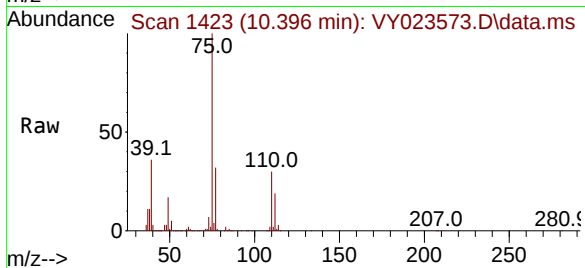




#53
t-1,3-Dichloropropene
Concen: 66.333 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

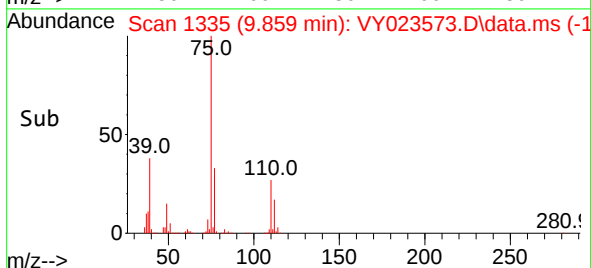
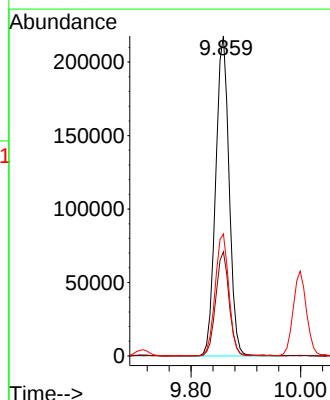
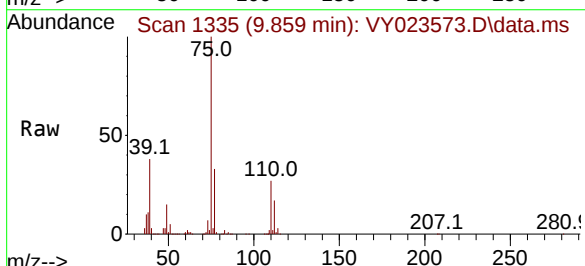
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

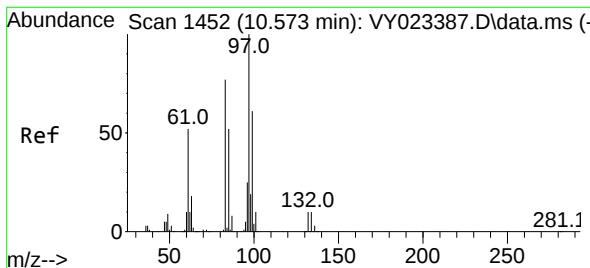
Tgt Ion: 75 Resp: 313343
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 66.419 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 75 Resp: 370298
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 38.1 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 68.758 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

Tgt Ion: 97 Resp: 199447

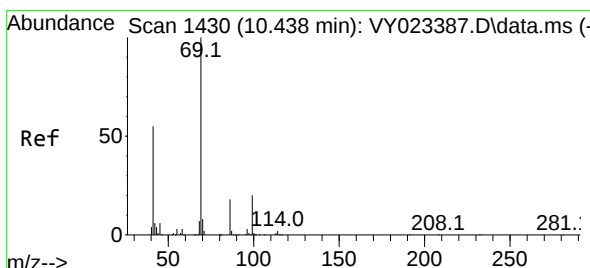
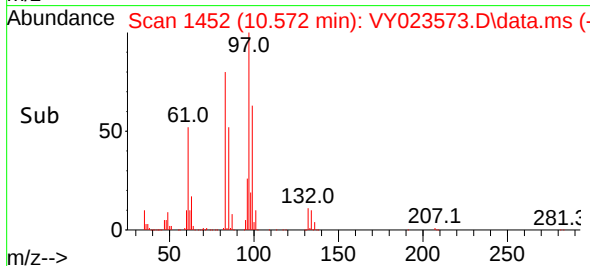
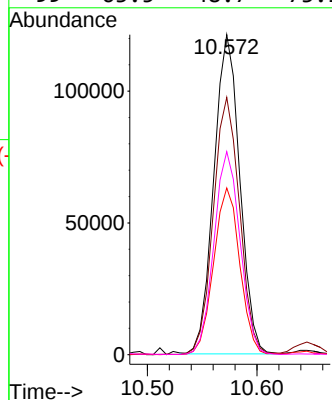
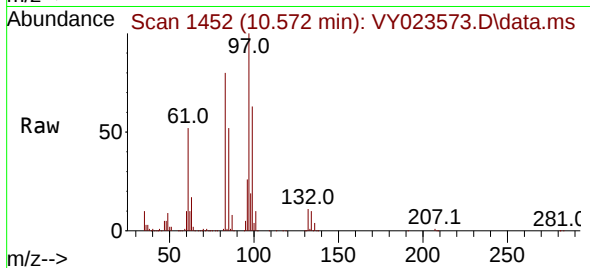
Ion Ratio Lower Upper

97 100

83 80.5 61.8 92.6

85 52.1 41.3 61.9

99 63.5 48.7 73.1



#56

Ethyl methacrylate

Concen: 72.212 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

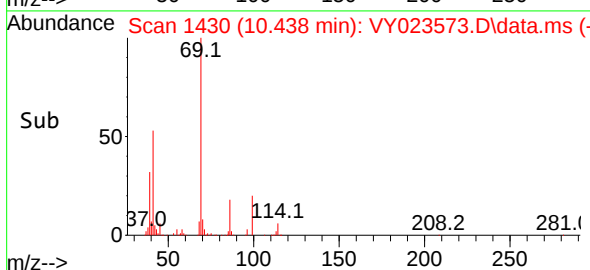
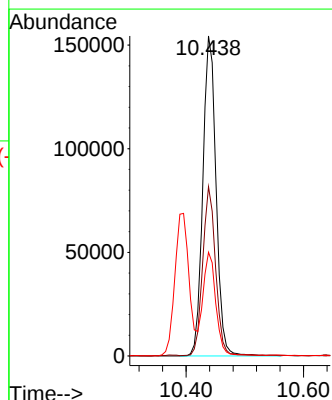
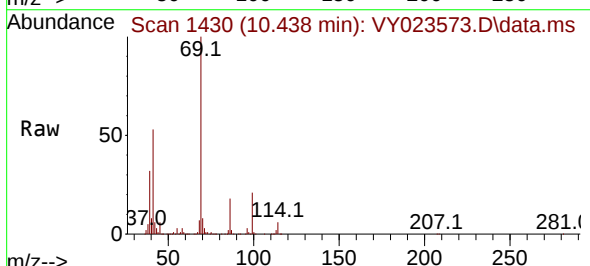
Tgt Ion: 69 Resp: 241623

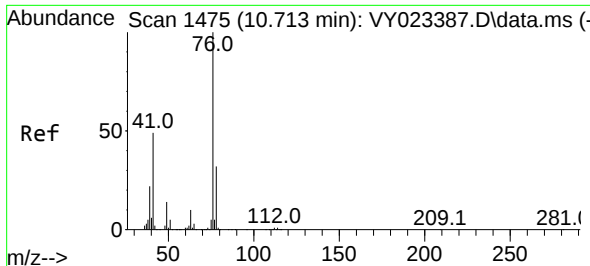
Ion Ratio Lower Upper

69 100

41 51.5 44.6 67.0

39 30.6 27.0 40.4





#57

1,3-Dichloropropane

Concen: 67.604 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

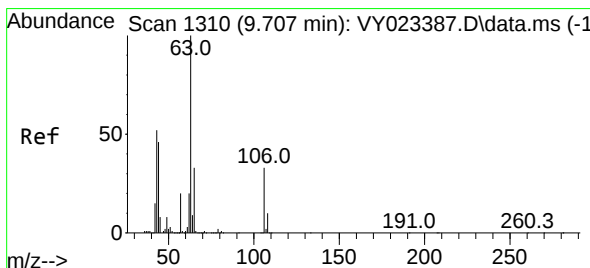
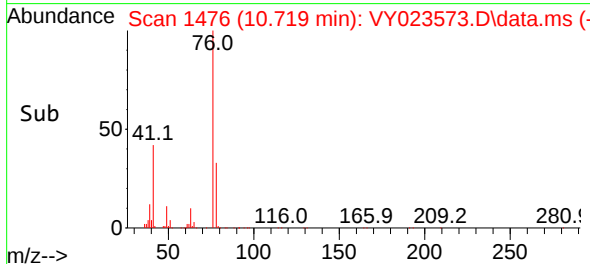
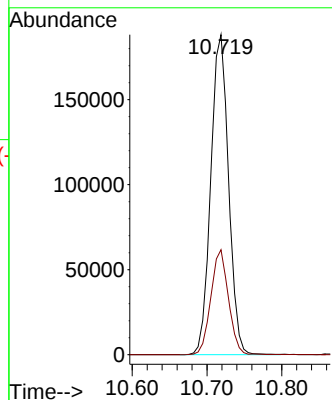
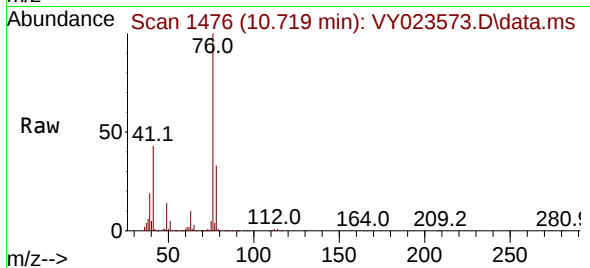
TP-11-VOC

Tgt Ion: 76 Resp: 310746

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 257.678 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023573.D

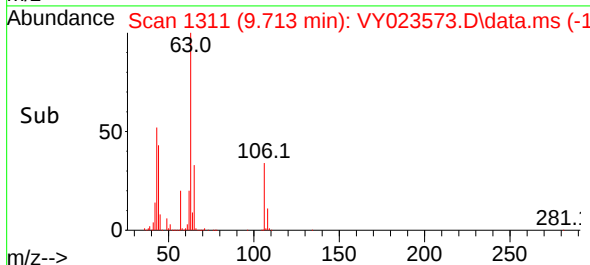
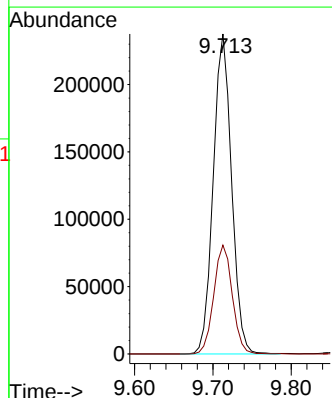
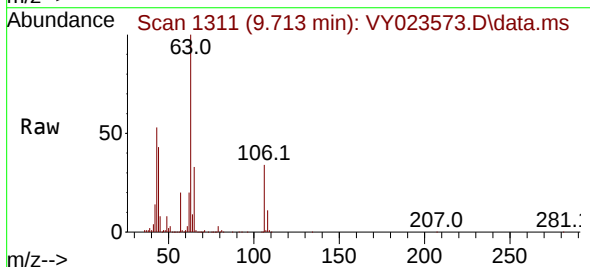
Acq: 24 Oct 2025 12:07

Tgt Ion: 63 Resp: 386243

Ion Ratio Lower Upper

63 100

106 34.4 26.6 39.8

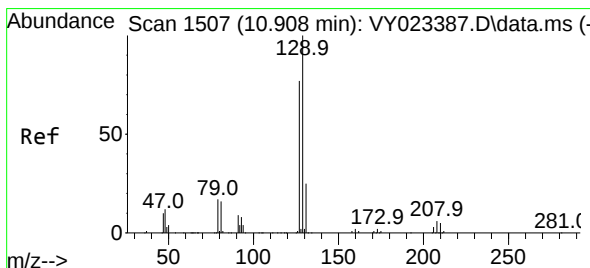
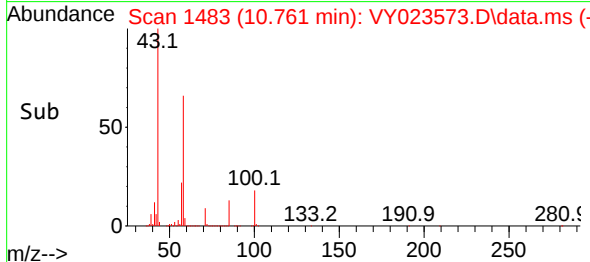
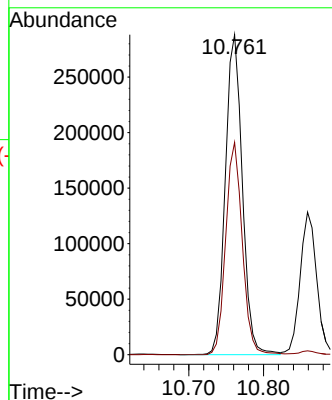
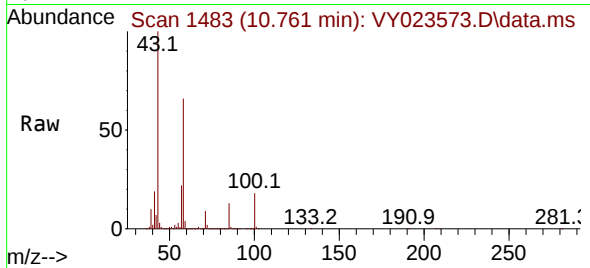




#59
2-Hexanone
Concen: 320.868 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

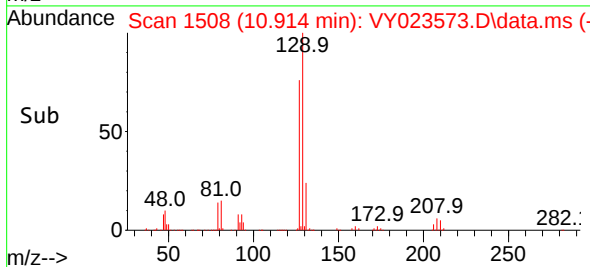
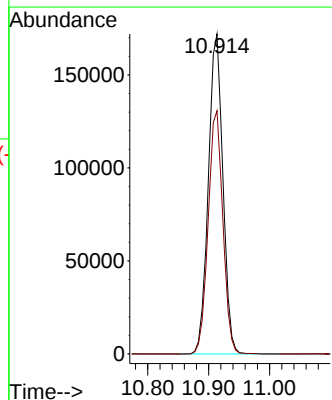
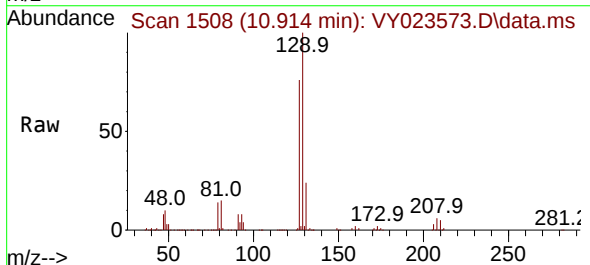
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

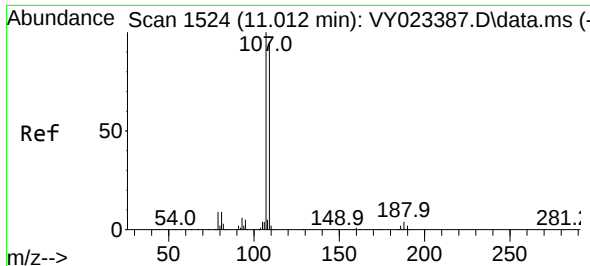
Tgt Ion: 43 Resp: 456433
Ion Ratio Lower Upper
43 100
58 64.6 30.5 91.5



#60
Dibromochloromethane
Concen: 70.183 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 129 Resp: 285423
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7

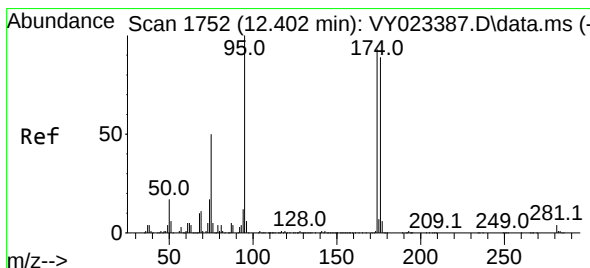
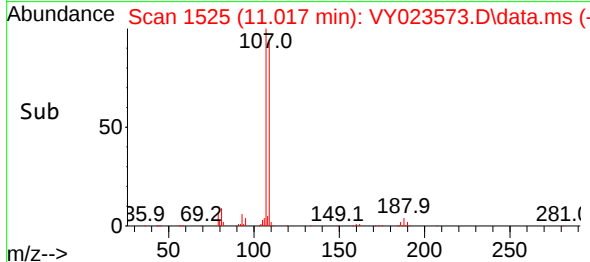
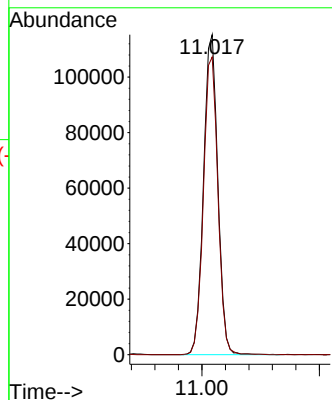
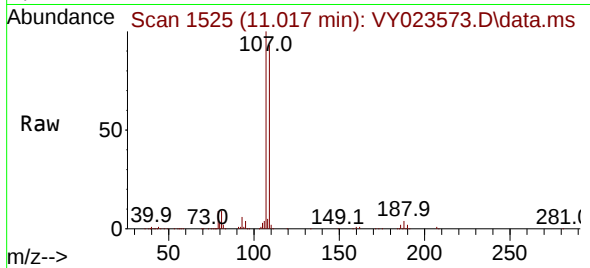




#61
1,2-Dibromoethane
Concen: 70.558 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

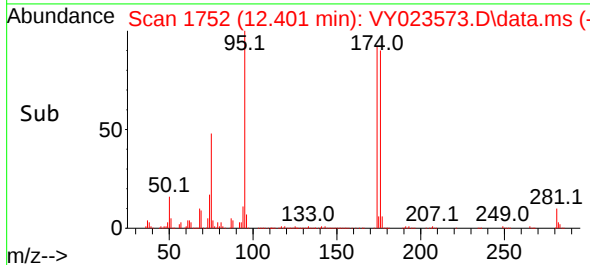
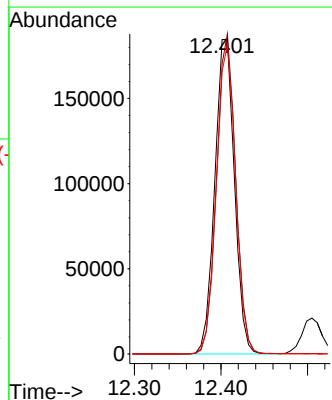
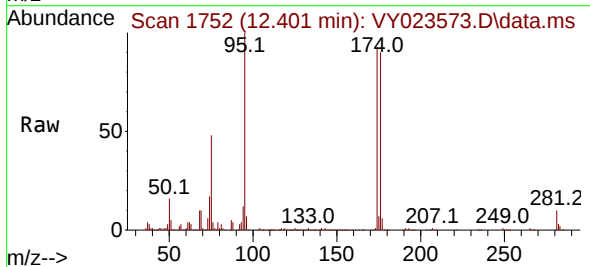
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

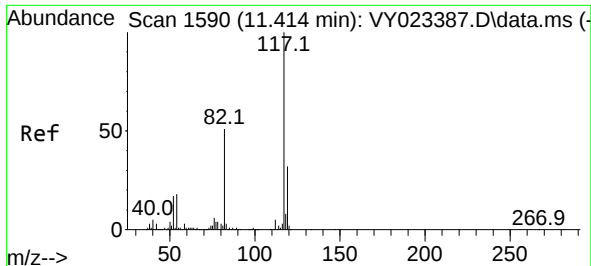
Tgt Ion:107 Resp: 195192
Ion Ratio Lower Upper
107 100
109 94.0 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 64.455 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 95 Resp: 291926
Ion Ratio Lower Upper
95 100
174 98.7 0.0 192.8
176 96.1 0.0 187.6

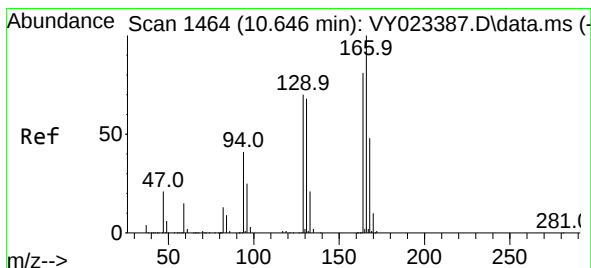
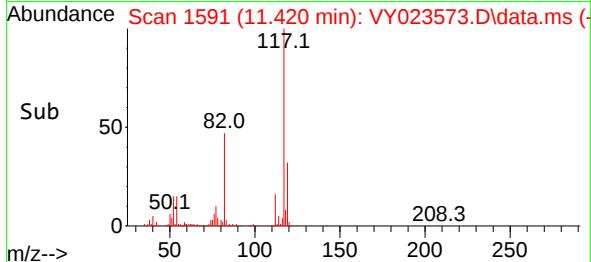
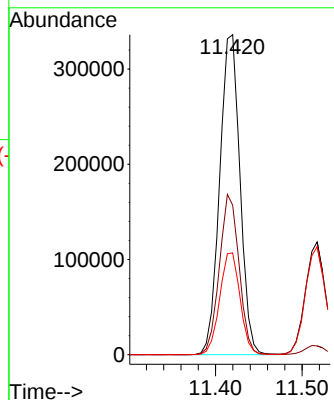
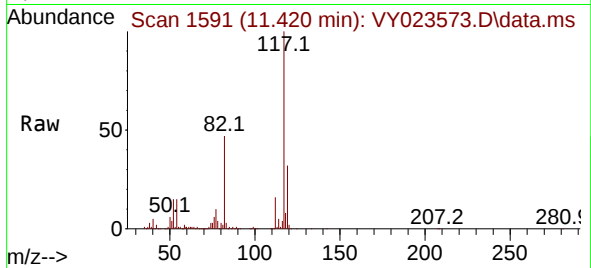




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

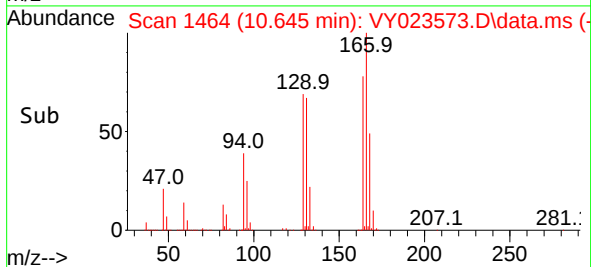
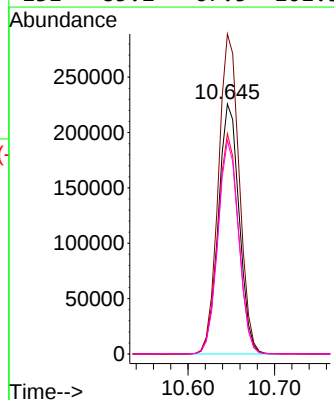
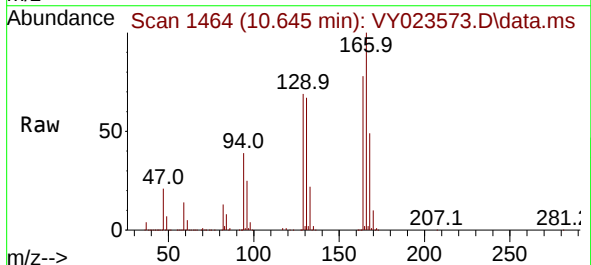
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

Tgt Ion:117 Resp: 547118
Ion Ratio Lower Upper
117 100
82 46.7 41.0 61.4
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 66.737 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion:164 Resp: 377012
Ion Ratio Lower Upper
164 100
166 127.9 99.4 149.0
129 88.1 69.4 104.2
131 85.2 67.5 101.3





#65

Chlorobenzene

Concen: 64.725 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

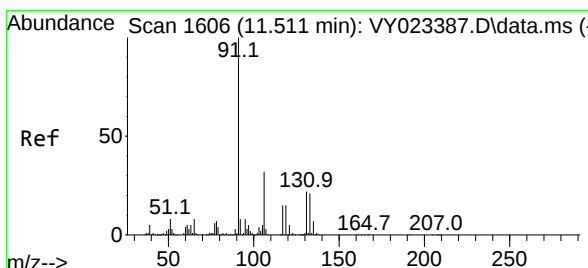
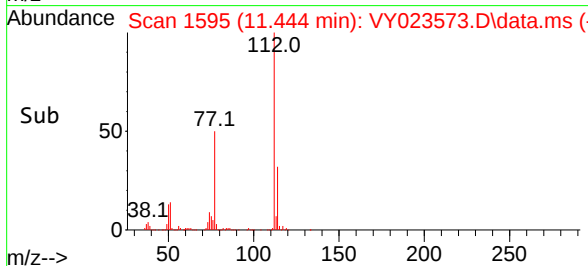
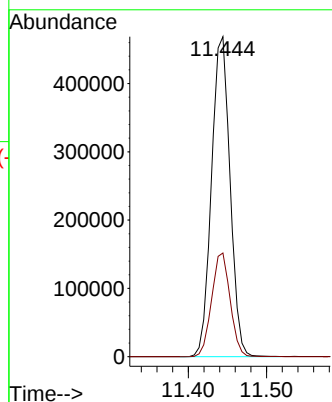
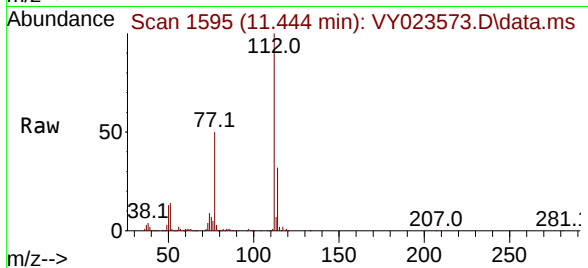
TP-11-VOC

Tgt Ion:112 Resp: 770197

Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 66.028 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

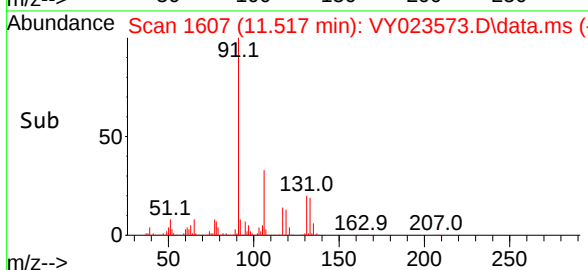
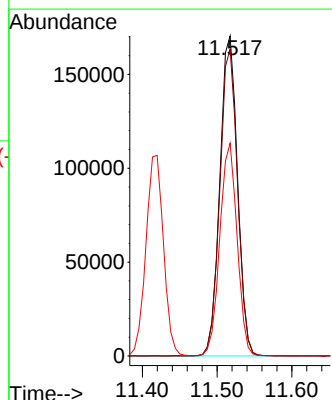
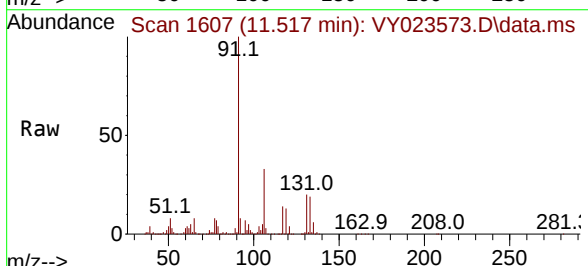
Tgt Ion:131 Resp: 279987

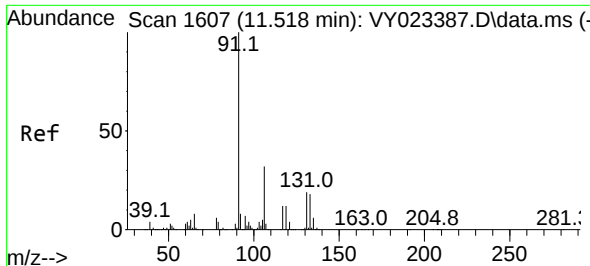
Ion Ratio Lower Upper

131 100

133 96.3 48.4 145.2

119 65.3 32.4 97.2

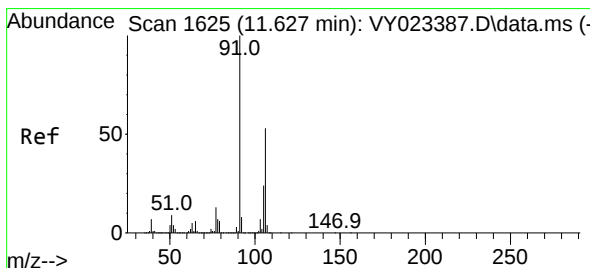
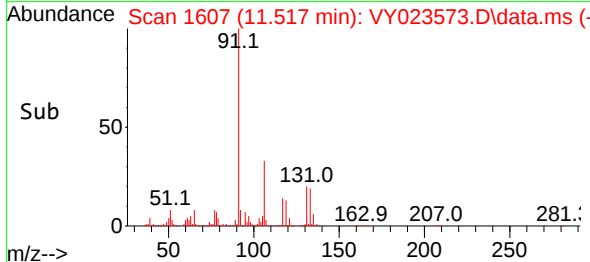
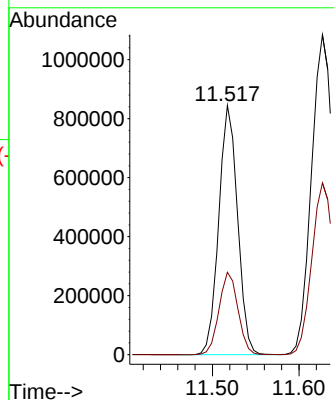
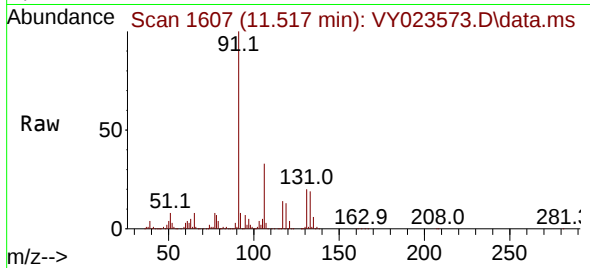




#67
Ethyl Benzene
Concen: 66.086 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

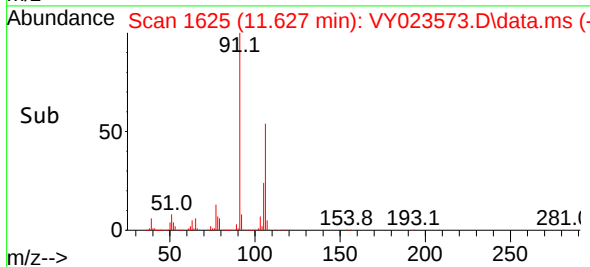
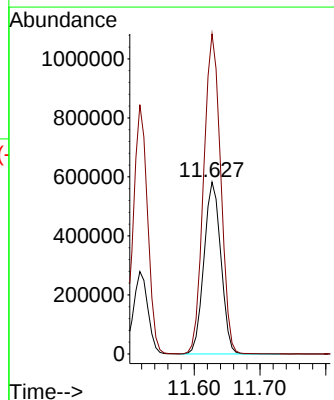
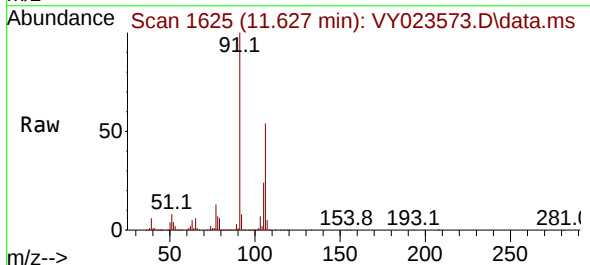
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

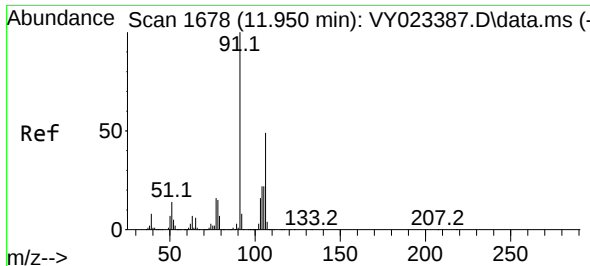
Tgt Ion: 91 Resp: 1272942
Ion Ratio Lower Upper
91 100
106 33.0 25.8 38.8



#68
m/p-Xylenes
Concen: 134.778 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion:106 Resp: 1041270
Ion Ratio Lower Upper
106 100
91 187.3 152.6 229.0

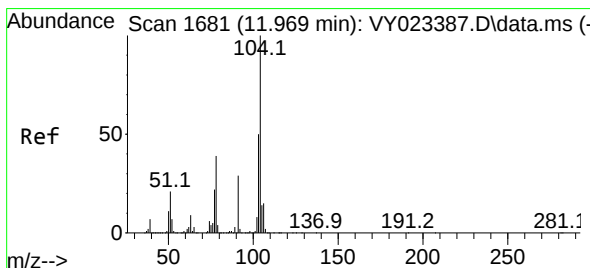
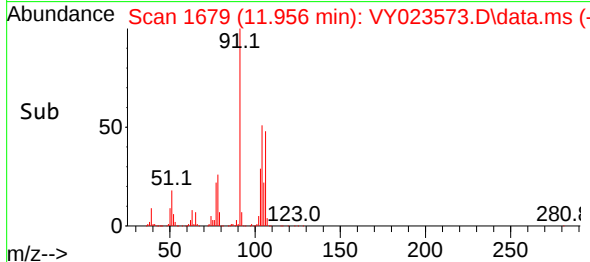
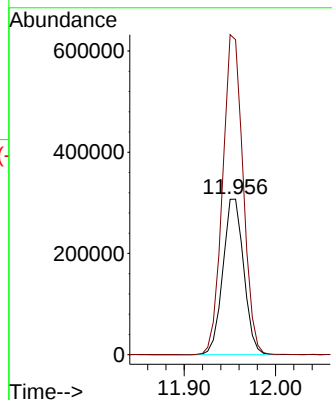
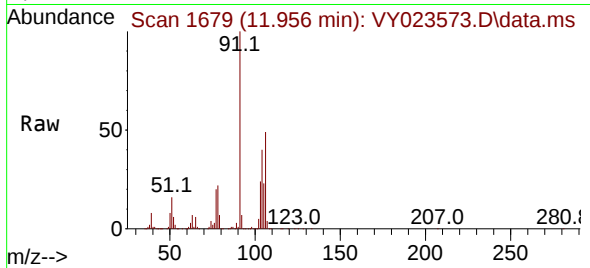




#69
o-Xylene
Concen: 67.445 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

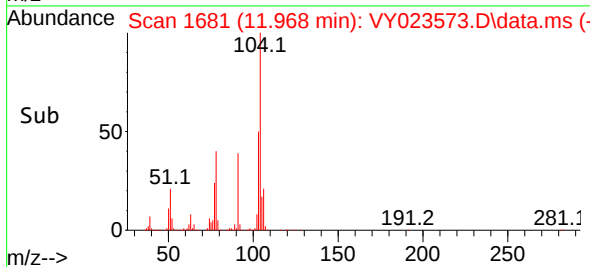
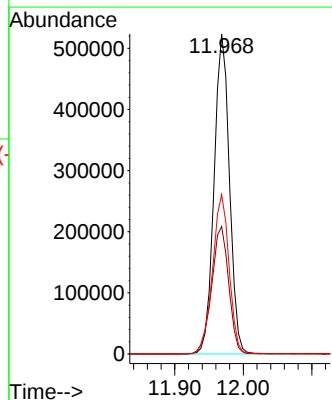
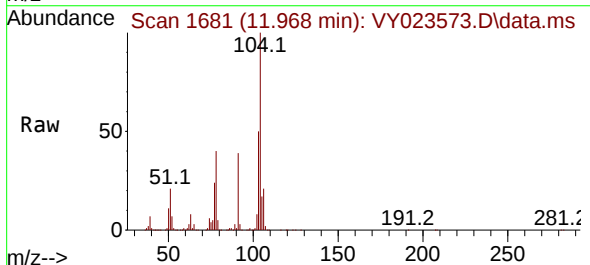
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

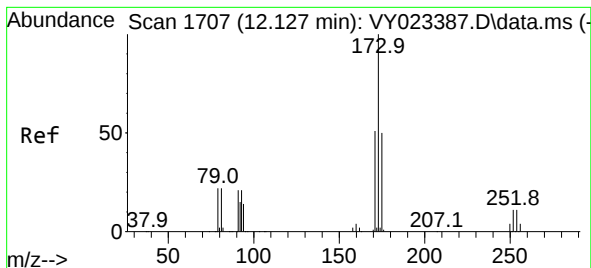
Tgt Ion:106 Resp: 488746
Ion Ratio Lower Upper
106 100
91 201.5 101.4 304.1



#70
Styrene
Concen: 68.584 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion:104 Resp: 817296
Ion Ratio Lower Upper
104 100
78 44.2 36.1 54.1
103 53.7 43.2 64.8





#71

Bromoform

Concen: 68.128 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

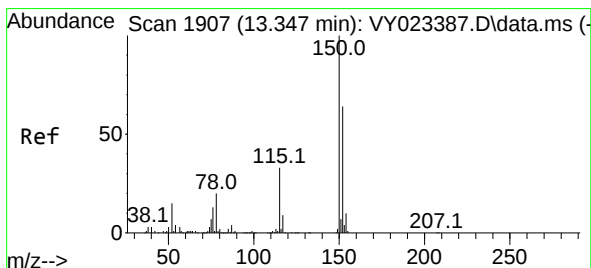
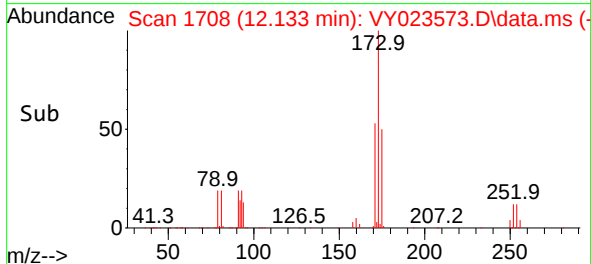
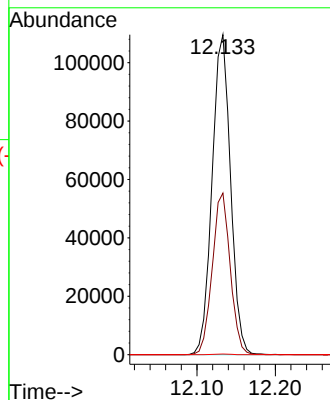
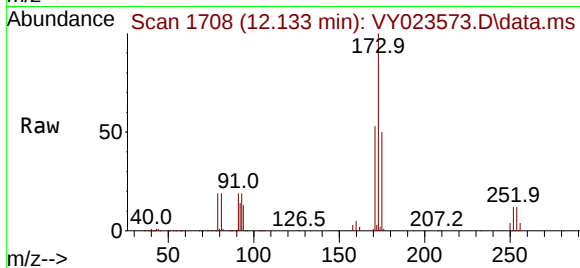
Tgt Ion:173 Resp: 179199

Ion Ratio Lower Upper

173 100

175 49.1 24.8 74.3

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

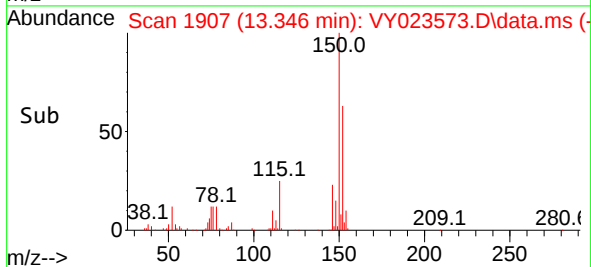
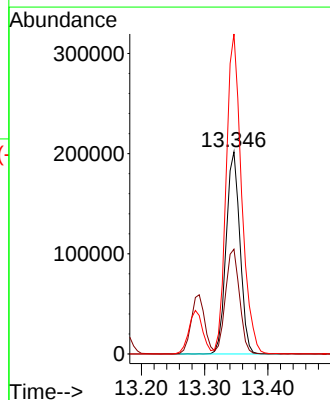
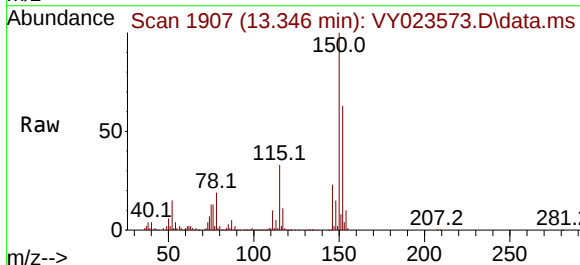
Tgt Ion:152 Resp: 304602

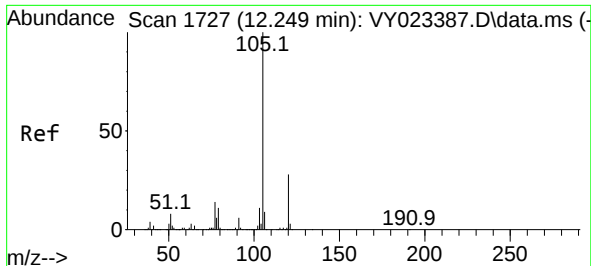
Ion Ratio Lower Upper

152 100

115 52.6 27.1 81.2

150 176.6 0.0 347.4

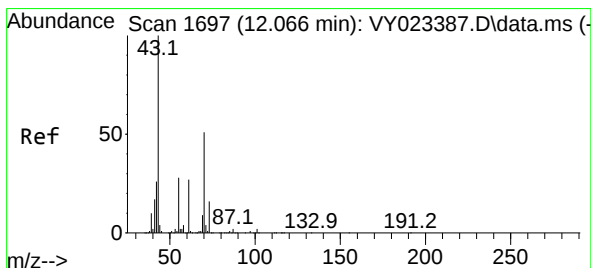
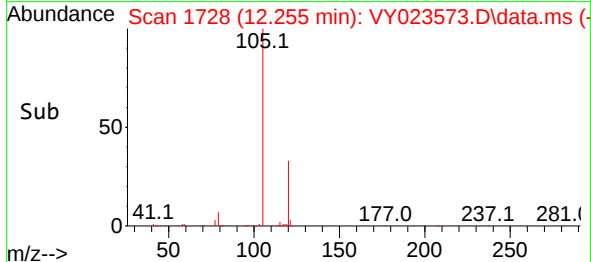
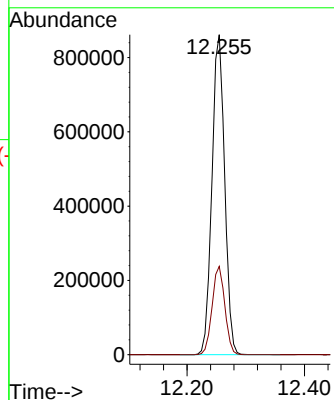
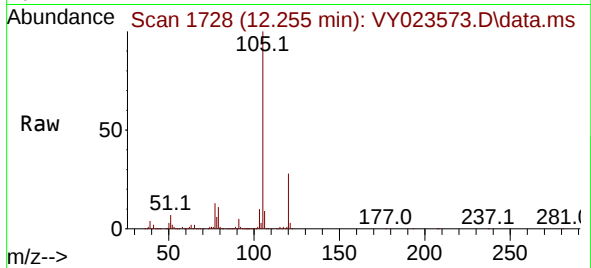




#73
Isopropylbenzene
Concen: 64.528 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

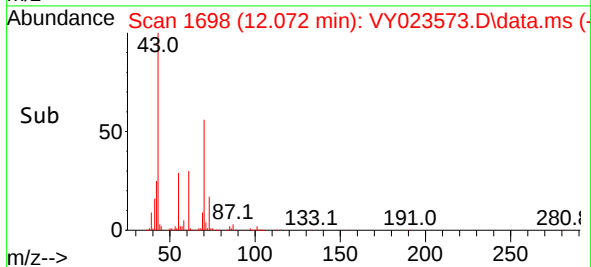
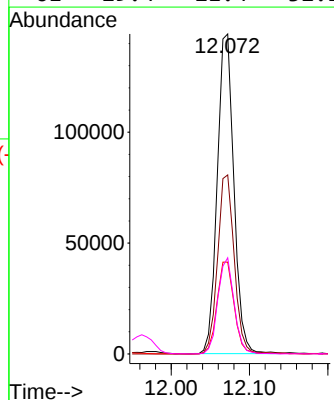
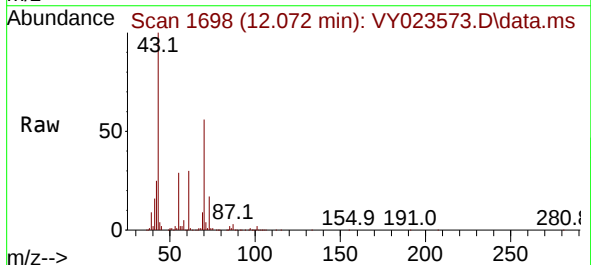
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

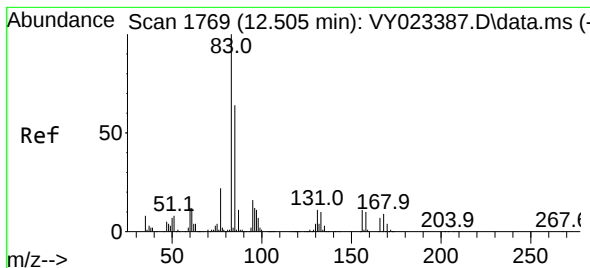
Tgt Ion:105 Resp: 1295314
Ion Ratio Lower Upper
105 100
120 27.6 13.9 41.7



#74
N-ethyl acetate
Concen: 59.179 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 43 Resp: 213373
Ion Ratio Lower Upper
43 100
70 56.0 41.1 61.7
55 29.5 23.0 34.6
61 29.4 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 62.912 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

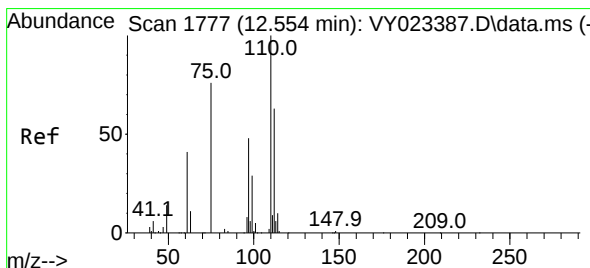
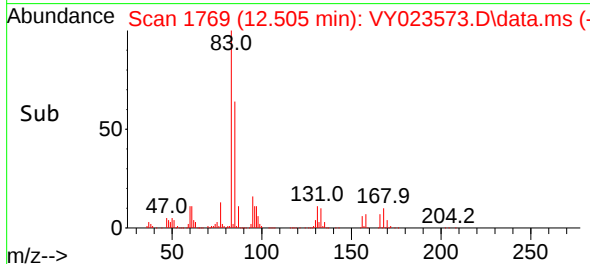
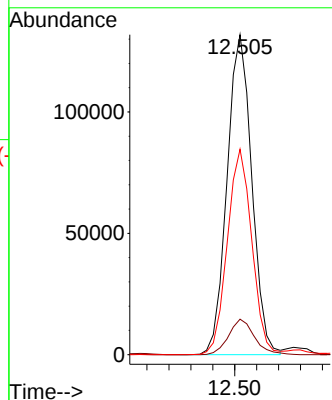
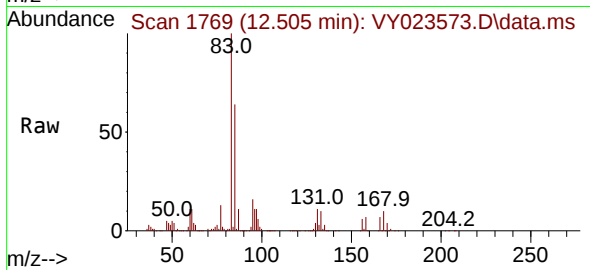
Tgt Ion: 83 Resp: 206550

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.6

85 63.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 101.252 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023573.D

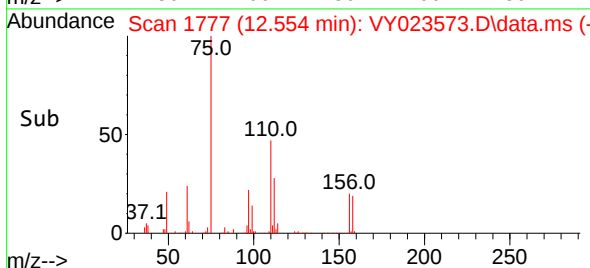
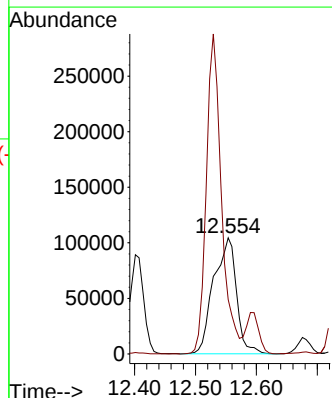
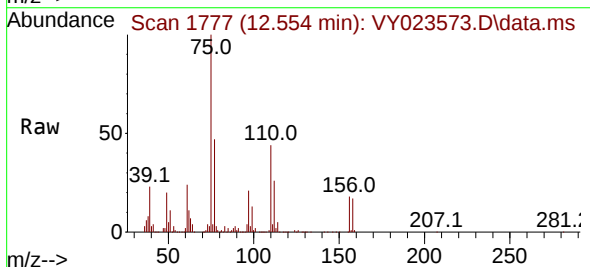
Acq: 24 Oct 2025 12:07

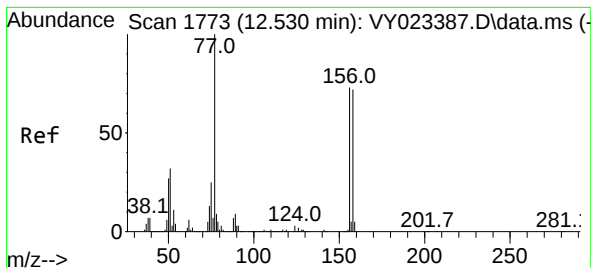
Tgt Ion: 75 Resp: 272106

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 62.715 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

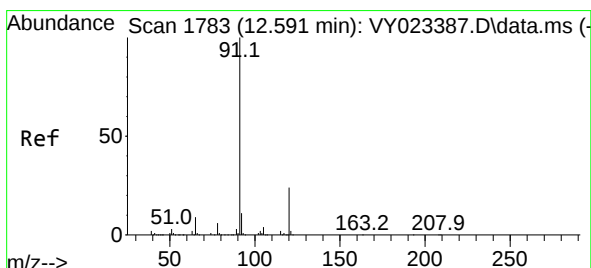
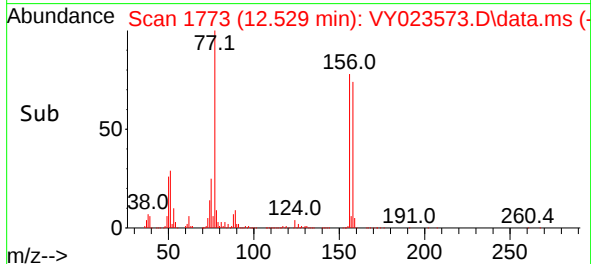
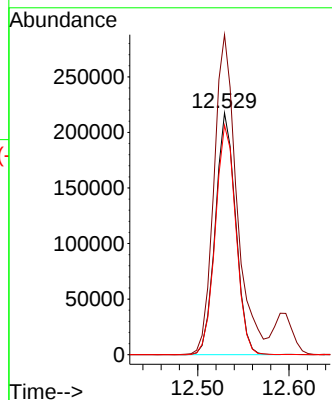
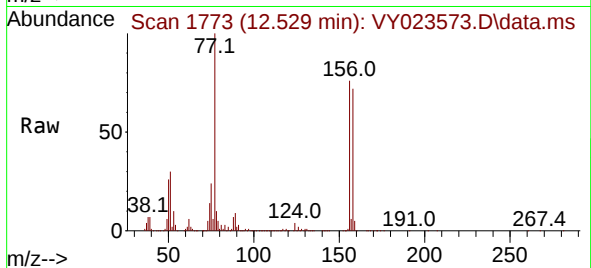
Tgt Ion:156 Resp: 334683

Ion Ratio Lower Upper

156 100

77 148.5 76.8 230.5

158 96.4 49.0 147.2



#78

n-propylbenzene

Concen: 63.372 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023573.D

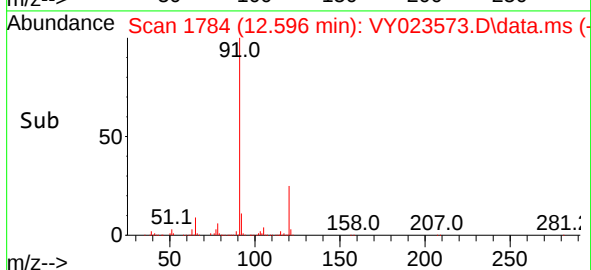
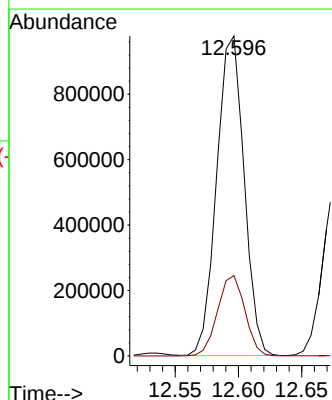
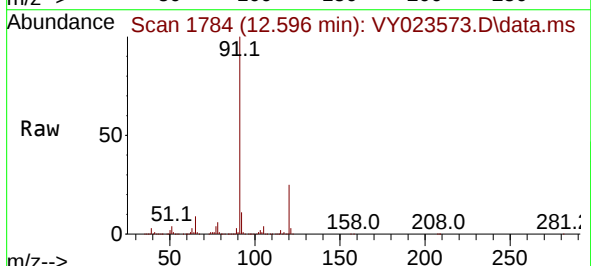
Acq: 24 Oct 2025 12:07

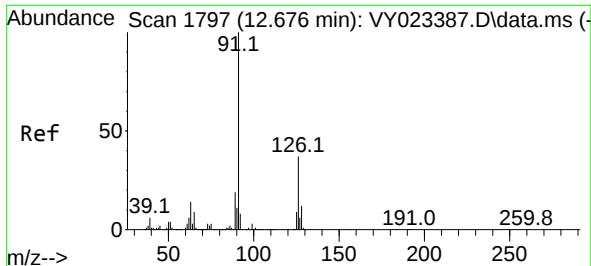
Tgt Ion: 91 Resp: 1472089

Ion Ratio Lower Upper

91 100

120 25.0 12.3 36.8

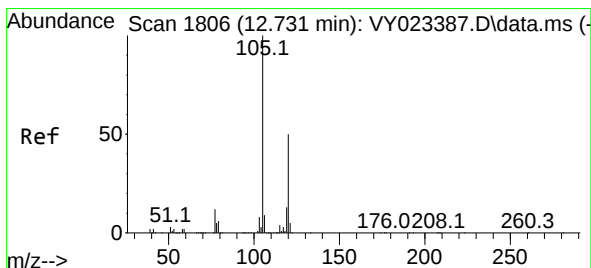
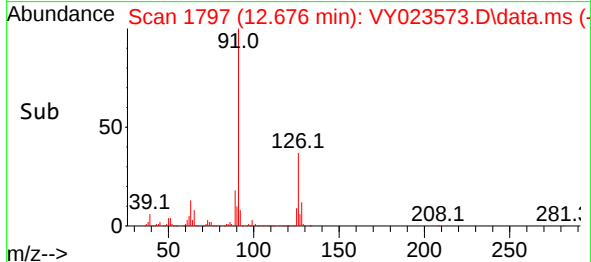
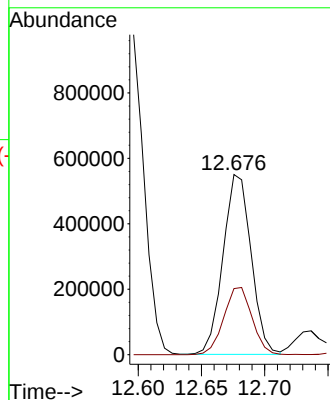
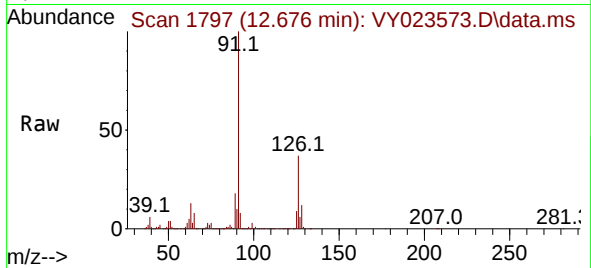




#79
2-Chlorotoluene
Concen: 62.445 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

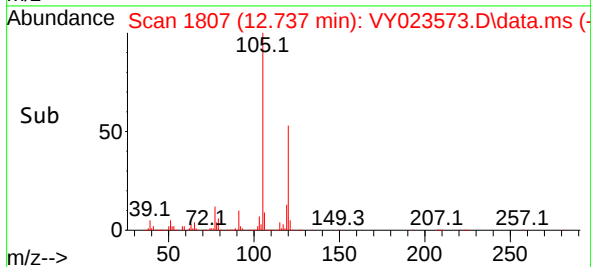
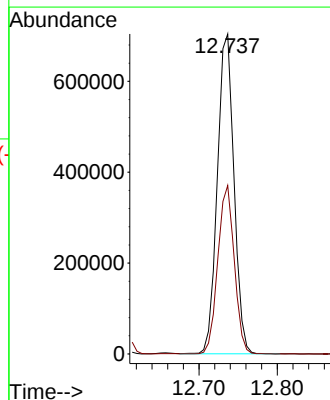
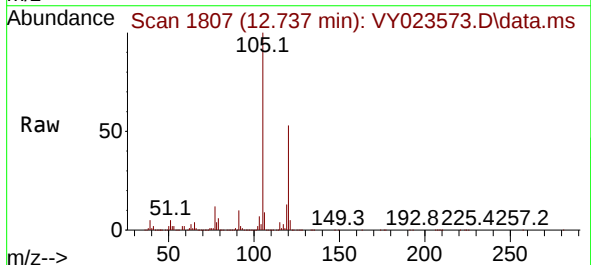
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

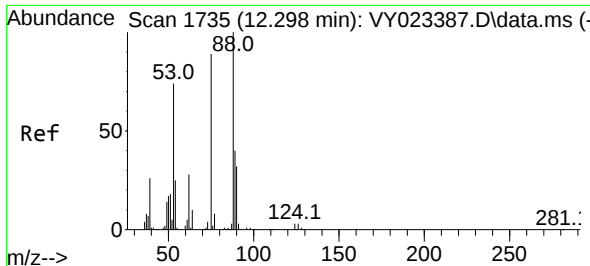
Tgt Ion: 91 Resp: 849445
Ion Ratio Lower Upper
91 100
126 37.7 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 64.156 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 105 Resp: 1040679
Ion Ratio Lower Upper
105 100
120 52.0 25.4 76.4

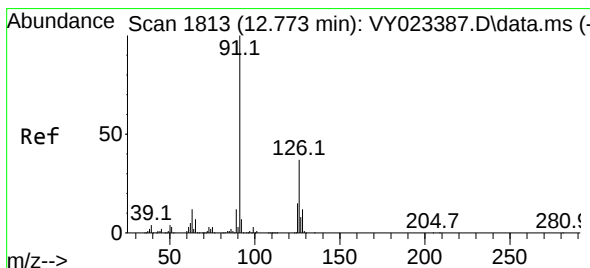
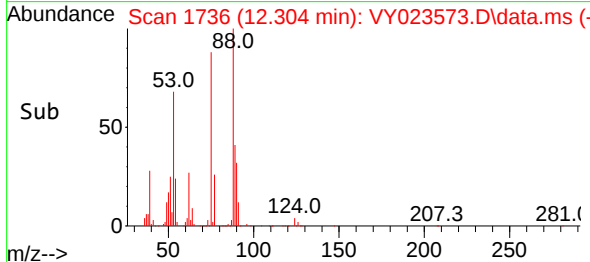
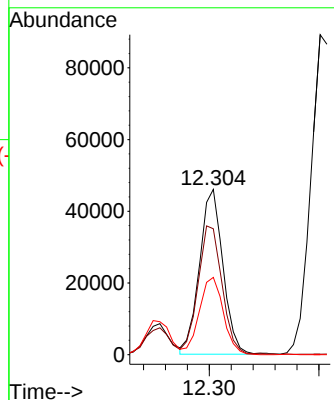
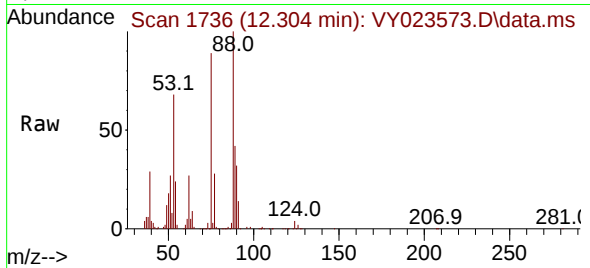




#81
trans-1,4-Dichloro-2-butene
Concen: 62.334 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

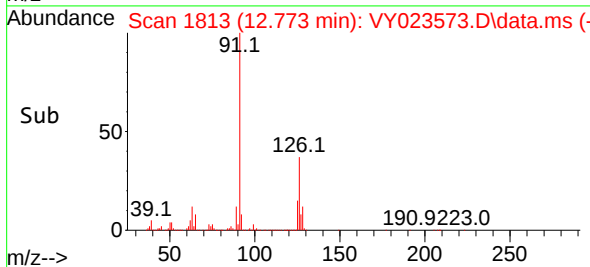
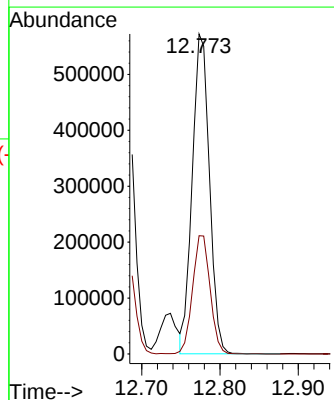
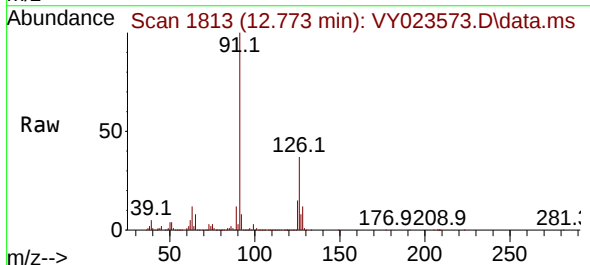
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

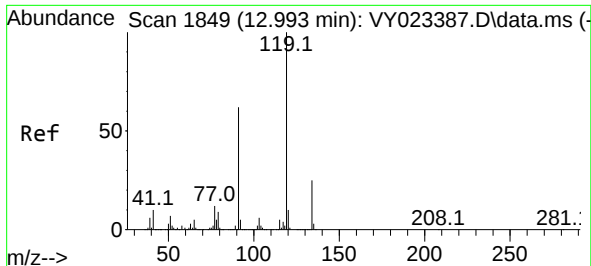
Tgt Ion: 75 Resp: 68313
Ion Ratio Lower Upper
75 100
53 80.3 68.6 102.8
89 48.2 39.0 58.4



#82
4-Chlorotoluene
Concen: 62.366 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion: 91 Resp: 873723
Ion Ratio Lower Upper
91 100
126 37.7 18.4 55.4

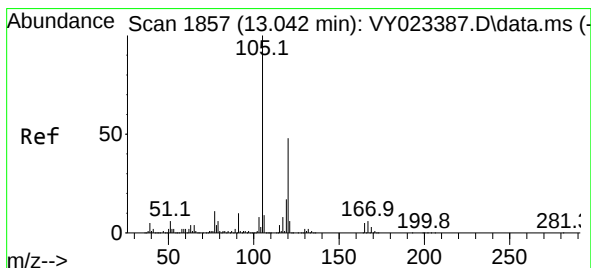
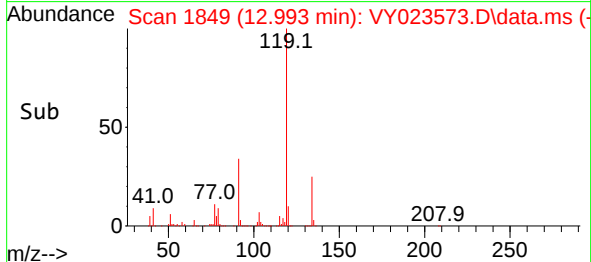
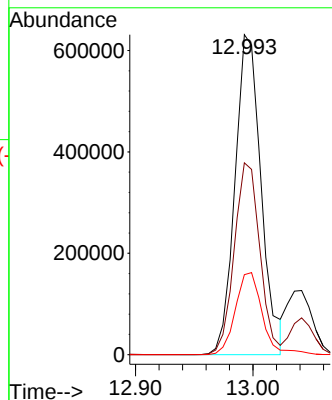
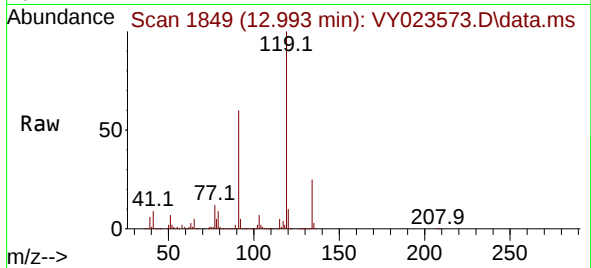




#83
tert-Butylbenzene
Concen: 65.140 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

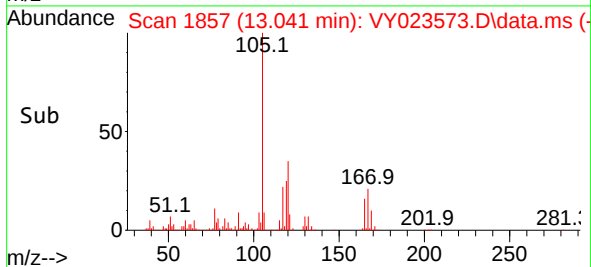
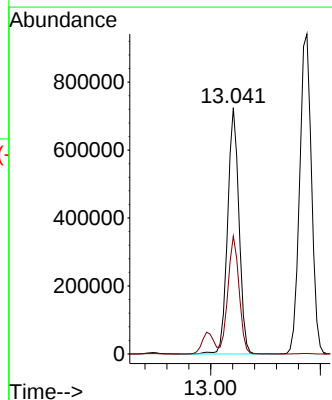
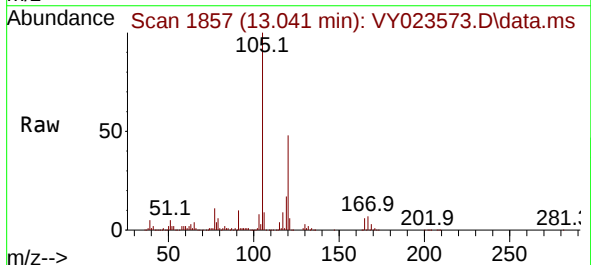
Instrument :
MSVOA_Y
ClientSampleId :
TP-11-VOC

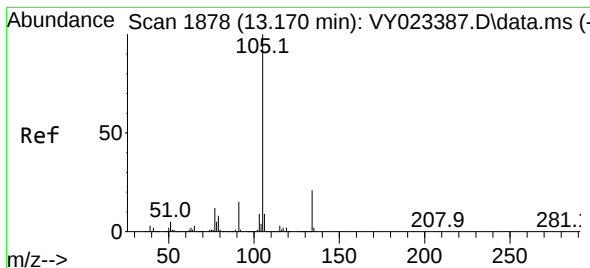
Tgt Ion:119 Resp: 975604
Ion Ratio Lower Upper
119 100
91 58.9 29.9 89.8
134 26.5 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 64.640 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023573.D
Acq: 24 Oct 2025 12:07

Tgt Ion:105 Resp: 1046424
Ion Ratio Lower Upper
105 100
120 46.7 23.8 71.2





#85

sec-Butylbenzene

Concen: 65.258 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

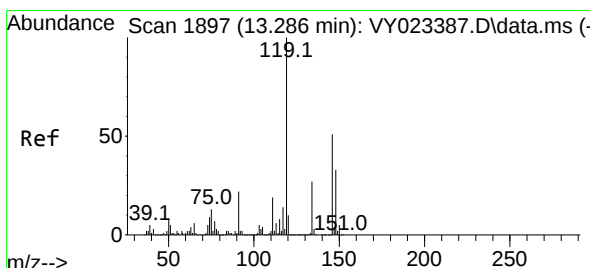
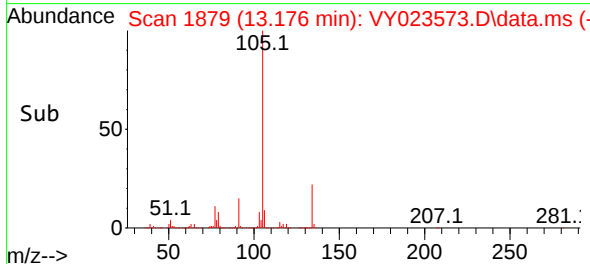
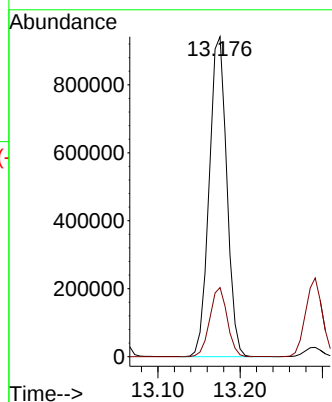
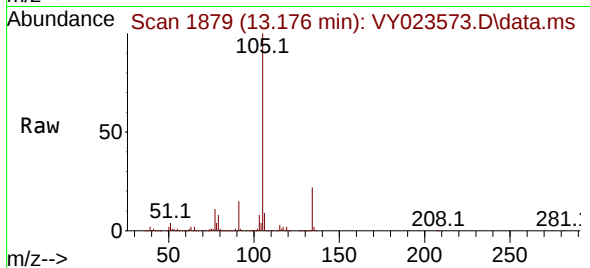
TP-11-VOC

Tgt Ion:105 Resp: 1402018

Ion Ratio Lower Upper

105 100

134 21.4 10.7 32.1



#86

p-Isopropyltoluene

Concen: 65.190 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

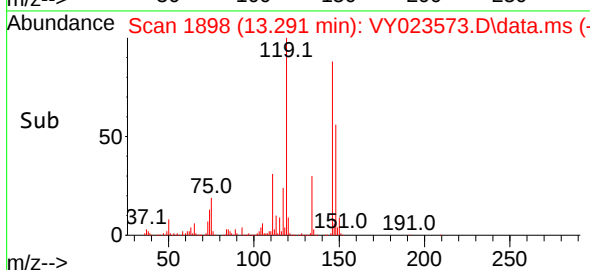
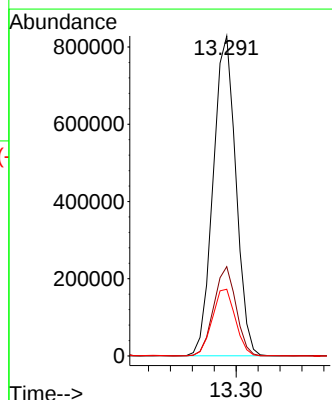
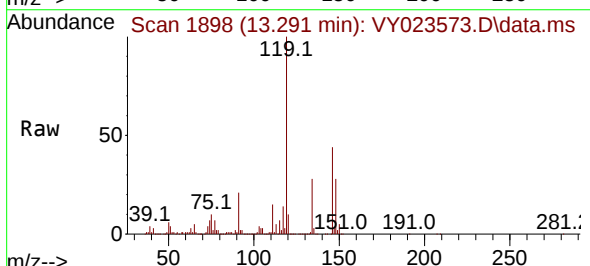
Tgt Ion:119 Resp: 1192473

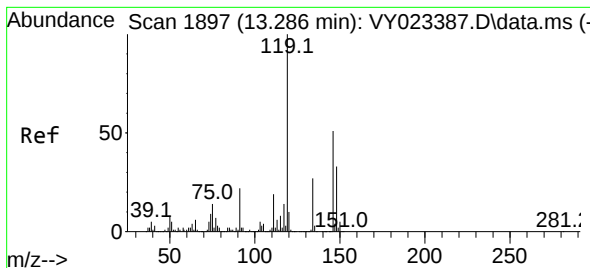
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 21.2 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 62.573 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

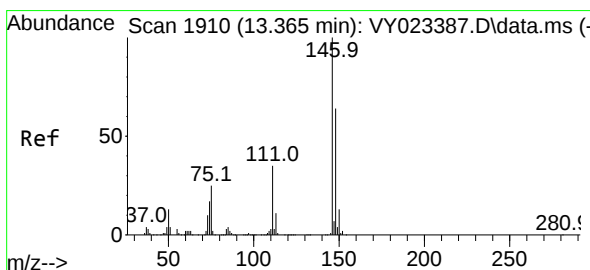
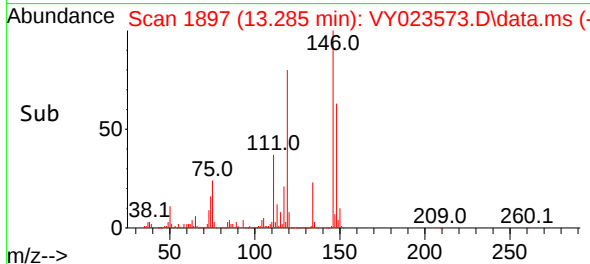
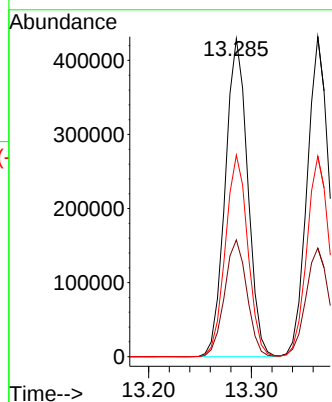
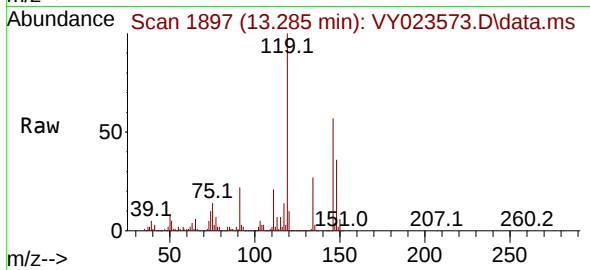
Tgt Ion:146 Resp: 650256

Ion Ratio Lower Upper

146 100

111 36.6 18.7 56.1

148 63.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 62.434 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

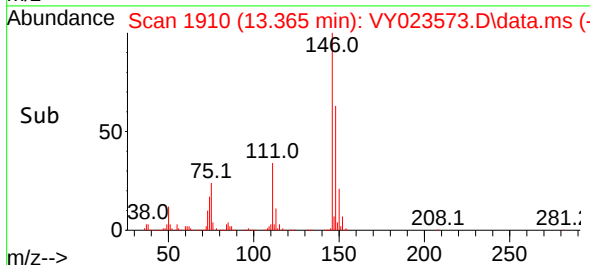
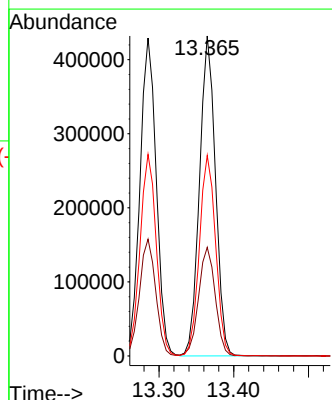
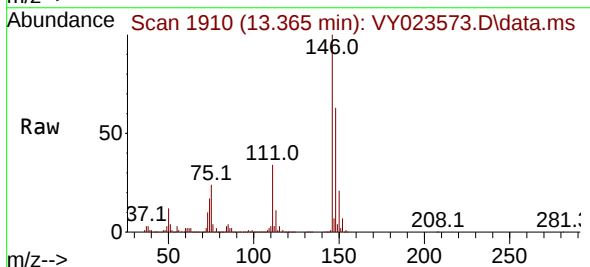
Tgt Ion:146 Resp: 640799

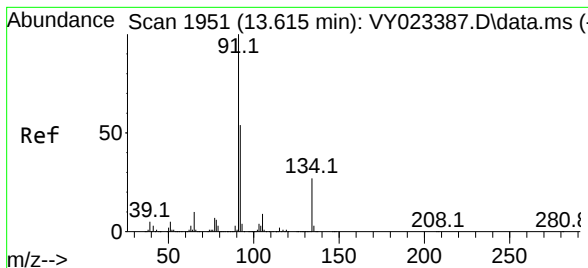
Ion Ratio Lower Upper

146 100

111 35.2 18.0 54.0

148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 64.184 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

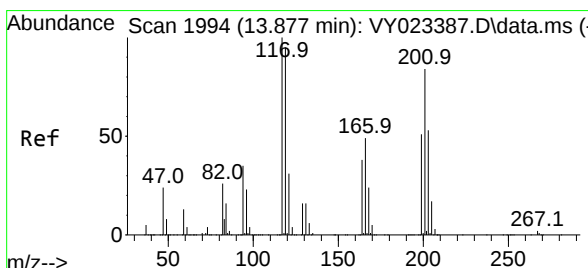
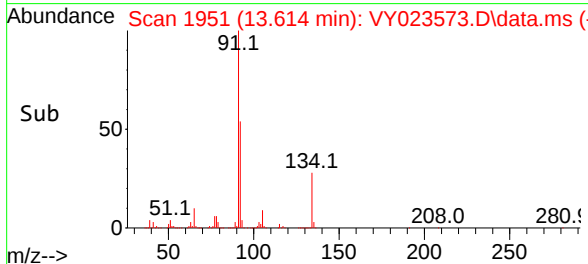
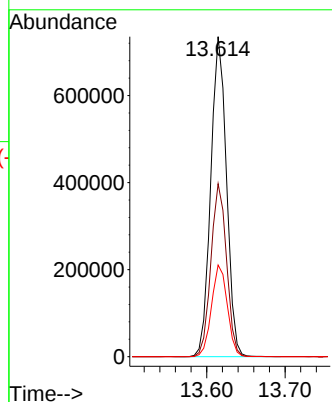
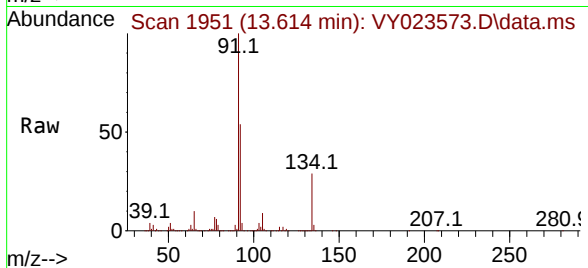
MSVOA_Y

ClientSampleId :

TP-11-VOC

Tgt Ion: 91 Resp: 1023005

Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.0	80.8
134	28.8	14.1	42.2



#90

Hexachloroethane

Concen: 62.058 ug/l

RT: 13.877 min Scan# 1994

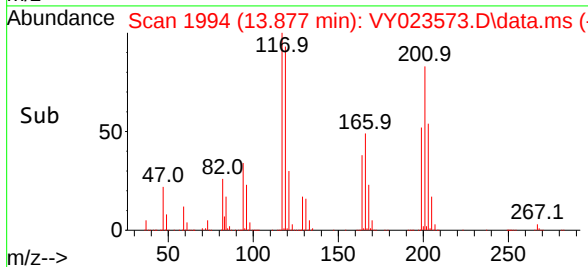
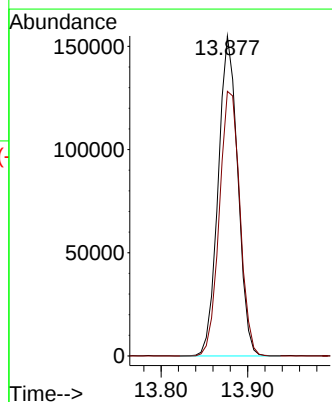
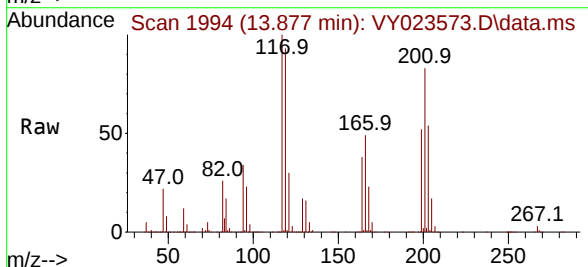
Delta R.T. -0.000 min

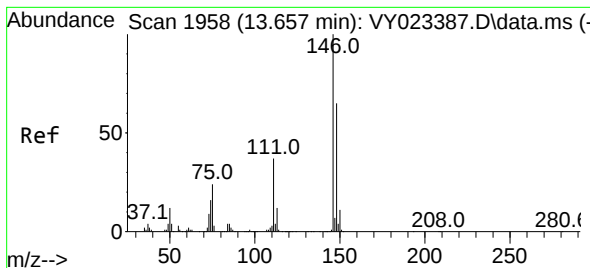
Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Tgt Ion: 117 Resp: 244156

Ion	Ratio	Lower	Upper
117	100		
201	86.4	43.8	131.4





#91

1,2-Dichlorobenzene

Concen: 63.084 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

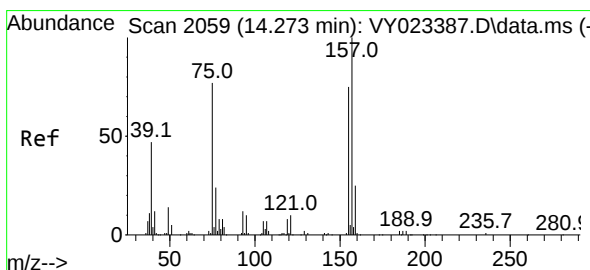
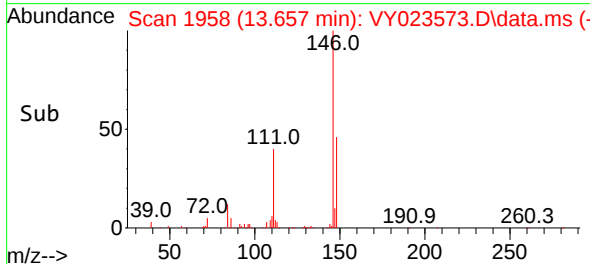
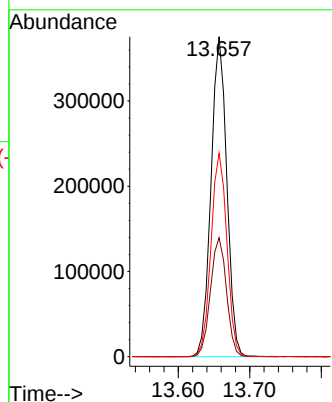
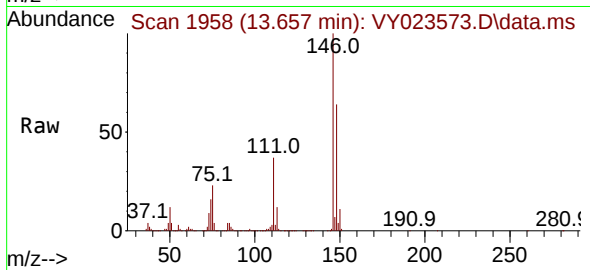
Tgt Ion:146 Resp: 574755

Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

148 64.2 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.353 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

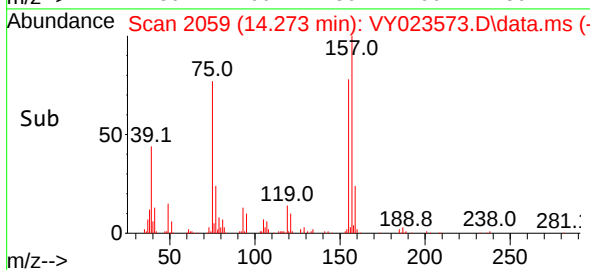
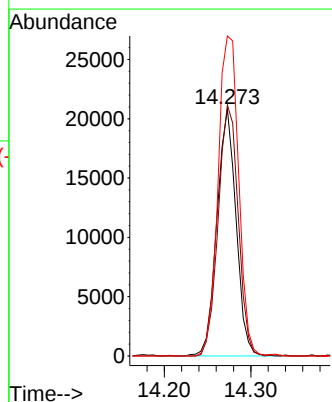
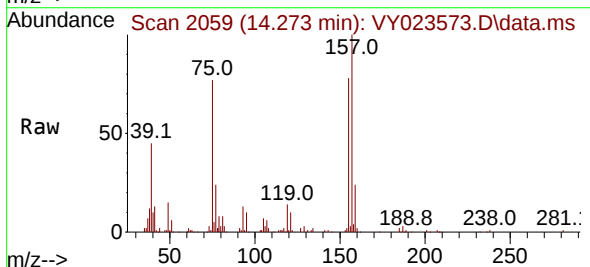
Tgt Ion: 75 Resp: 31974

Ion Ratio Lower Upper

75 100

155 105.9 50.0 150.0

157 139.4 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 63.410 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

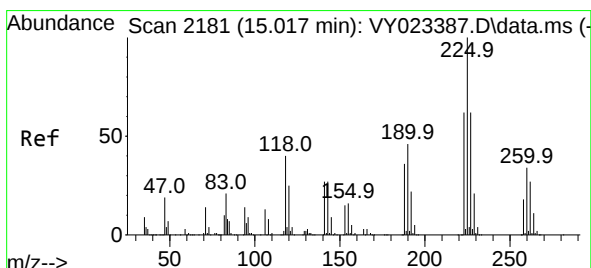
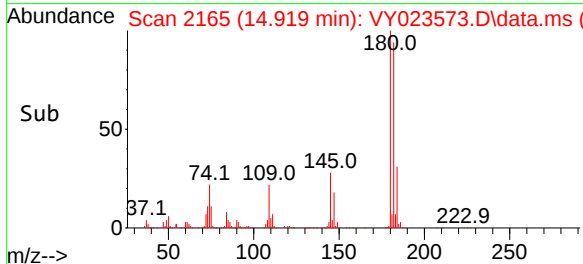
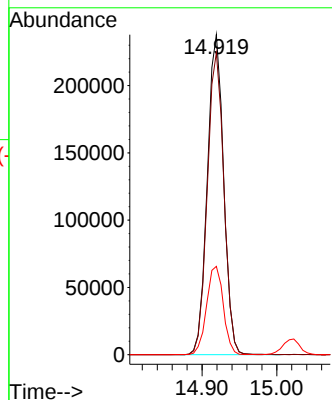
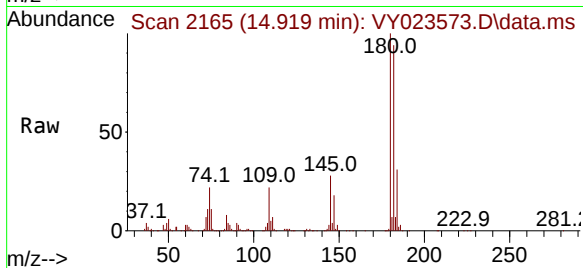
Tgt Ion:180 Resp: 360165

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 28.4 14.7 44.1



#94

Hexachlorobutadiene

Concen: 62.461 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

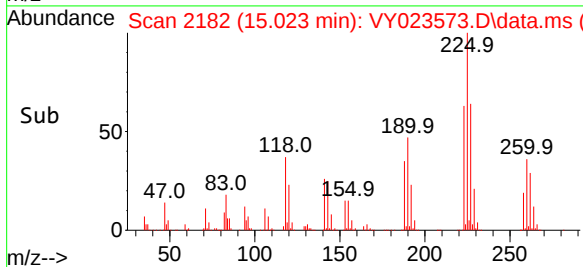
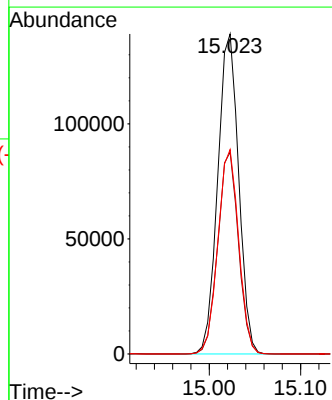
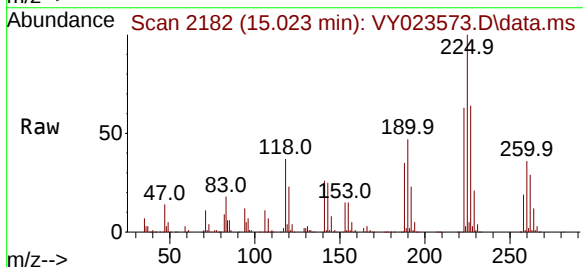
Tgt Ion:225 Resp: 221155

Ion Ratio Lower Upper

225 100

223 62.3 30.8 92.3

227 63.5 31.9 95.7





#95

Naphthalene

Concen: 65.922 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-11-VOC

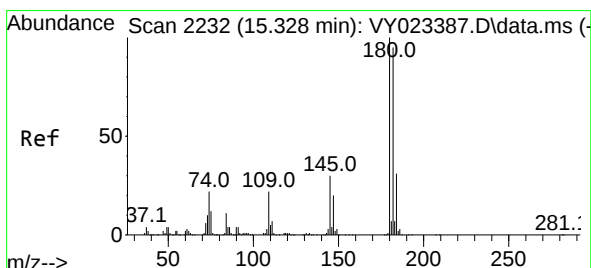
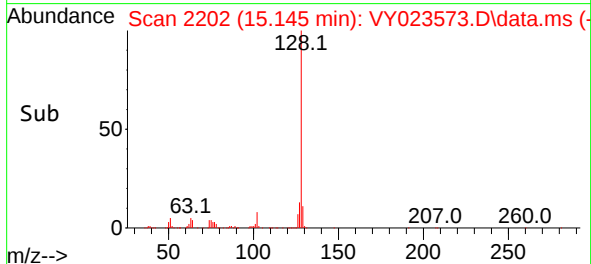
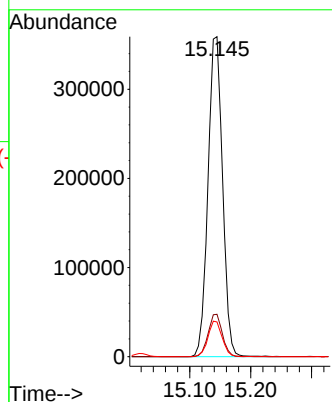
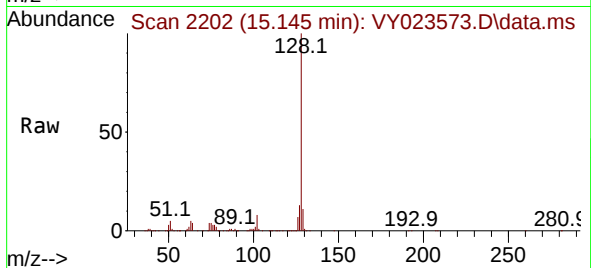
Tgt Ion:128 Resp: 596248

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 63.453 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023573.D

Acq: 24 Oct 2025 12:07

Tgt Ion:180 Resp: 312181

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.8

145 30.3 15.3 45.9

