

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
 Data File : VY023961.D
 Acq On : 11 Dec 2025 17:38
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 12 03:27:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:57:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	514241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	739787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	649168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	344634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	221018	48.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.220%
35) Dibromofluoromethane	7.640	113	240450	49.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.440%
50) Toluene-d8	10.109	98	894326	49.672	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.340%
62) 4-Bromofluorobenzene	12.408	95	308667	51.335	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	183008	51.319	ug/l	99
3) Chloromethane	2.074	50	239910	52.368	ug/l	98
4) Vinyl Chloride	2.208	62	305796	54.019	ug/l	100
5) Bromomethane	2.604	94	241316	50.070	ug/l	99
6) Chloroethane	2.739	64	215051	53.917	ug/l	99
7) Trichlorofluoromethane	3.068	101	449744	52.771	ug/l	98
8) Diethyl Ether	3.464	74	130196	55.608	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.824	101	256873	51.718	ug/l	97
10) Methyl Iodide	4.013	142	342027	55.868	ug/l	99
11) Tert butyl alcohol	4.872	59	72036	273.610	ug/l	99
12) 1,1-Dichloroethene	3.793	96	253180	54.253	ug/l	97
13) Acrolein	3.659	56	132545	314.773	ug/l	99
14) Allyl chloride	4.391	41	306118	51.266	ug/l	98
15) Acrylonitrile	5.067	53	252425	270.601	ug/l	100
16) Acetone	3.873	43	307547	263.442	ug/l	96
17) Carbon Disulfide	4.110	76	702908	56.719	ug/l	99
18) Methyl Acetate	4.397	43	111124	54.020	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	632118	56.643	ug/l	95
20) Methylene Chloride	4.622	84	310518	58.053	ug/l	94
21) trans-1,2-Dichloroethene	5.122	96	279317	54.522	ug/l	97
22) Diisopropyl ether	6.025	45	717392	52.762	ug/l	99
23) Vinyl Acetate	5.970	43	1981141	262.235	ug/l	97
24) 1,1-Dichloroethane	5.921	63	451762	53.306	ug/l	98
25) 2-Butanone	6.902	43	352233	250.684	ug/l	100
26) 2,2-Dichloropropane	6.890	77	399246	50.454	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	330836	56.255	ug/l	96
28) Bromochloromethane	7.250	49	152354	47.719	ug/l	93
29) Tetrahydrofuran	7.268	42	195968	273.473	ug/l	95
30) Chloroform	7.427	83	505171	54.569	ug/l	97
31) Cyclohexane	7.707	56	391628	50.226	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	460376	53.628	ug/l	98
36) 1,1-Dichloropropene	7.841	75	347402	52.767	ug/l	98
37) Ethyl Acetate	6.988	43	143843	53.654	ug/l	98
38) Carbon Tetrachloride	7.823	117	422340	52.925	ug/l	97
39) Methylcyclohexane	9.109	83	481593	54.752	ug/l	99
40) Benzene	8.085	78	1093678	54.551	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	60286	40.876	ug/l #	53
42) 1,2-Dichloroethane	8.164	62	285011	54.210	ug/l	99
43) Isopropyl Acetate	8.201	43	278190	55.096	ug/l #	86
44) Trichloroethene	8.872	130	326385	56.145	ug/l	99
45) 1,2-Dichloropropane	9.146	63	243764	53.888	ug/l	100
46) Dibromomethane	9.231	93	152429	57.213	ug/l	98
47) Bromodichloromethane	9.426	83	382766	54.612	ug/l	99
48) Methyl methacrylate	9.225	41	132276	56.275	ug/l	96
49) 1,4-Dioxane	9.231	88	33485	1127.369	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	728349	272.256	ug/l	97
52) Toluene	10.170	92	719266	54.216	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	339770	56.098	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	398795	55.876	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	207412	56.562	ug/l	98
56) Ethyl methacrylate	10.438	69	258828	59.539	ug/l	94
57) 1,3-Dichloropropane	10.719	76	329045	55.481	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	513820	272.869	ug/l	98
59) 2-Hexanone	10.762	43	538297	265.121	ug/l	98
60) Dibromochloromethane	10.914	129	288744	56.874	ug/l	99
61) 1,2-Dibromoethane	11.018	107	196690	57.884	ug/l	100
64) Tetrachloroethene	10.652	164	418200	59.966	ug/l	94
65) Chlorobenzene	11.444	112	811790	53.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	289779	54.929	ug/l	98
67) Ethyl Benzene	11.517	91	1363576	54.102	ug/l	99
68) m/p-Xylenes	11.627	106	1093699	109.314	ug/l	100
69) o-Xylene	11.956	106	519643	55.521	ug/l	99
70) Styrene	11.969	104	851700	56.329	ug/l	99
71) Bromoform	12.133	173	174138	56.011	ug/l #	99
73) Isopropylbenzene	12.255	105	1348309	53.533	ug/l	100
74) N-amyl acetate	12.072	43	248487	55.621	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	197845	51.589	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	275858	94.626	ug/l #	100
77) Bromobenzene	12.536	156	337214	53.960	ug/l	97
78) n-propylbenzene	12.597	91	1541001	52.587	ug/l	98
79) 2-Chlorotoluene	12.682	91	881033	52.928	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	1082249	53.861	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	67567	52.757	ug/l	98
82) 4-Chlorotoluene	12.779	91	908006	52.989	ug/l	100
83) tert-Butylbenzene	12.999	119	997106	53.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1071100	53.811	ug/l	100
85) sec-Butylbenzene	13.176	105	1429402	52.781	ug/l	100
86) p-Isopropyltoluene	13.292	119	1217227	53.099	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	636131	52.416	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	611633	51.127	ug/l	99
89) n-Butylbenzene	13.621	91	1038413	51.776	ug/l	99
90) Hexachloroethane	13.883	117	245902	52.568	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	553024	52.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31587	53.196	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	325677	52.699	ug/l	100
94) Hexachlorobutadiene	15.023	225	210925	52.069	ug/l	99
95) Naphthalene	15.145	128	549261	57.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	273976	52.097	ug/l	99

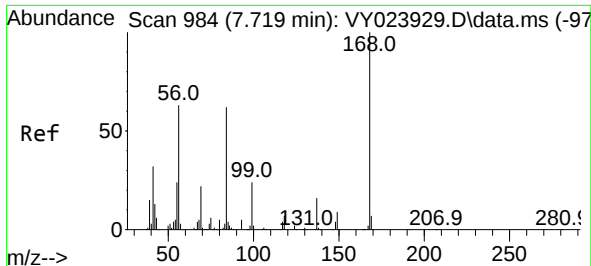
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121125\
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Quant Title : SW846 8260
QLast Update : Thu Dec 11 03:57:51 2025
Response via : Initial Calibration

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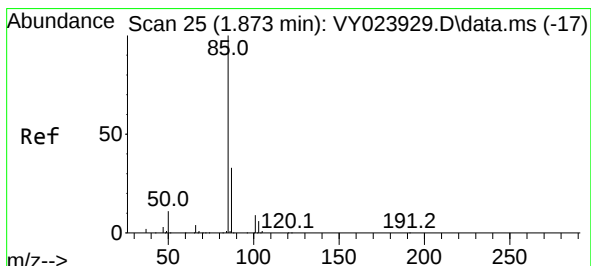
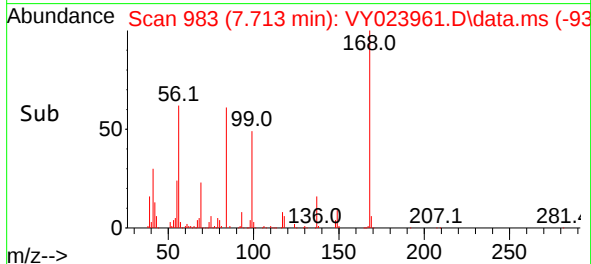
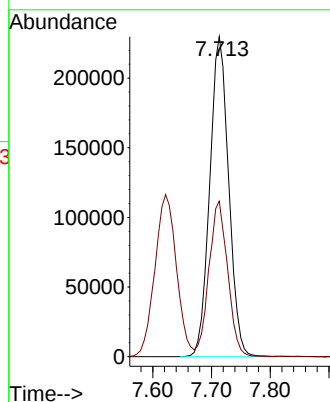
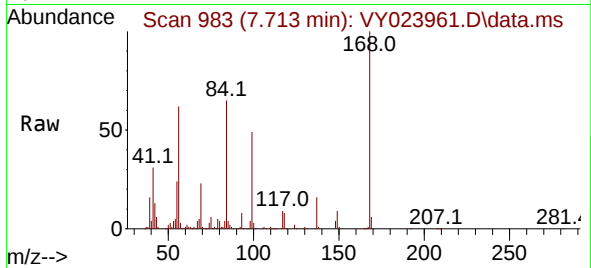
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

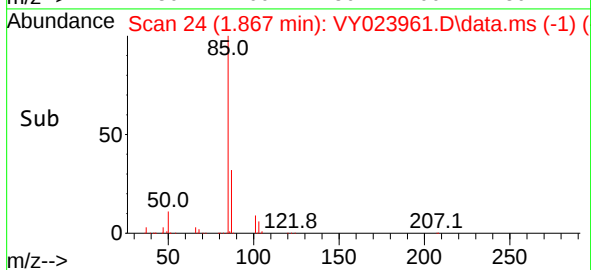
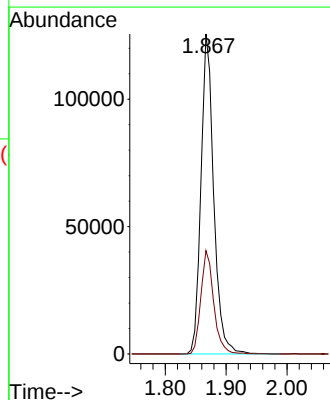
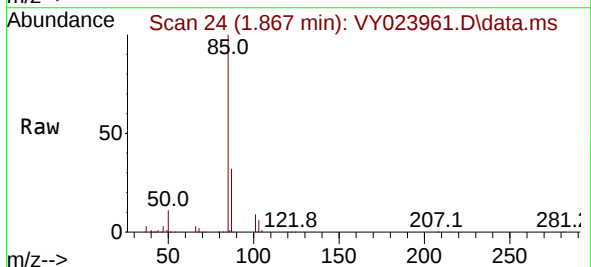
Instrument :
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ClientSampleId :
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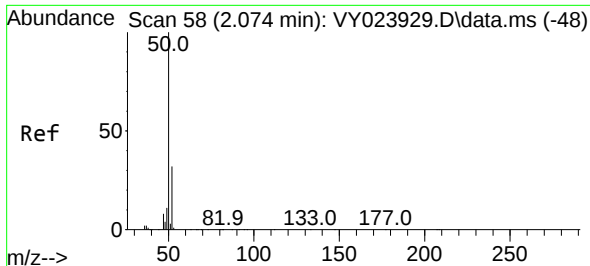
Tgt Ion:168 Resp: 514241
Ion Ratio Lower Upper
168 100
99 48.5 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 51.319 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 85 Resp: 183008
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.1

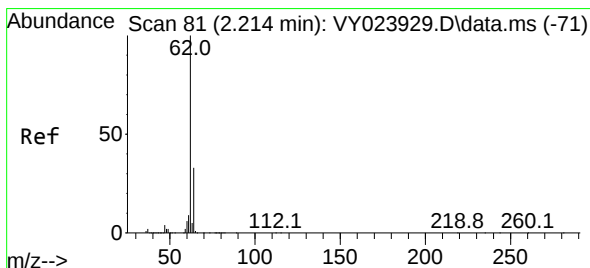
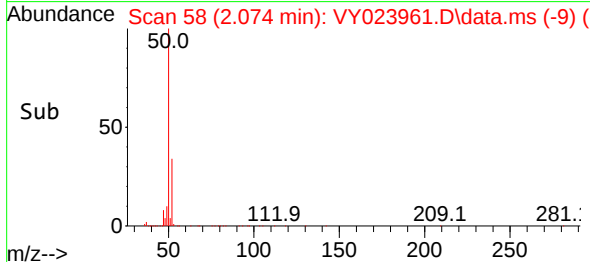
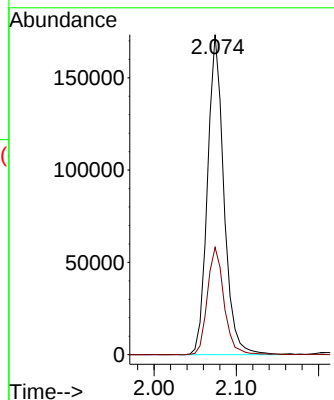
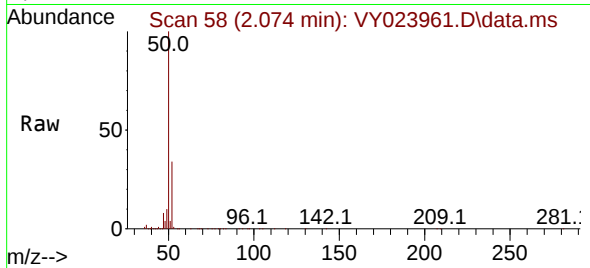




#3
Chloromethane
Concen: 52.368 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

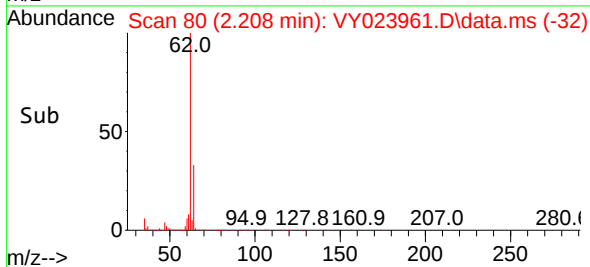
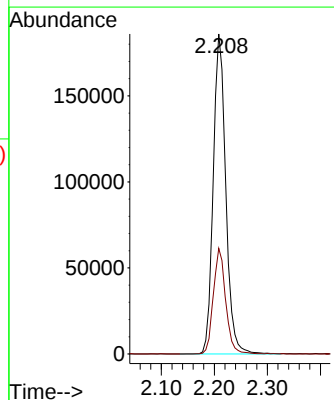
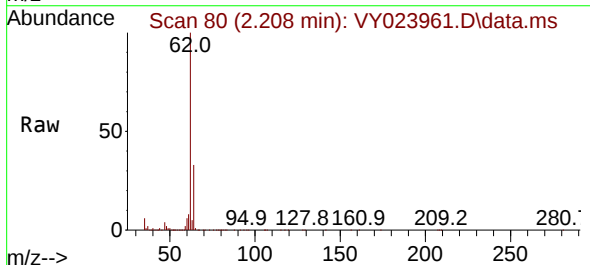
Instrument :
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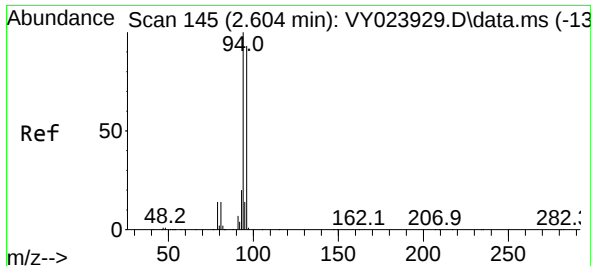
Tgt Ion: 50 Resp: 239910
Ion Ratio Lower Upper
50 100
52 33.6 25.8 38.8



#4
Vinyl Chloride
Concen: 54.019 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 62 Resp: 305796
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.4

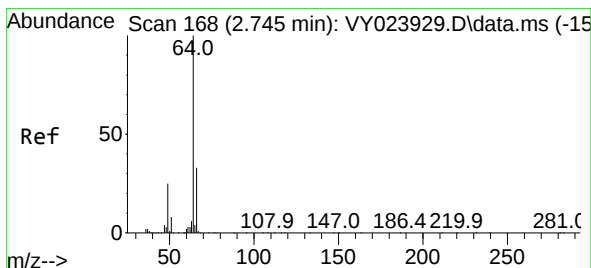
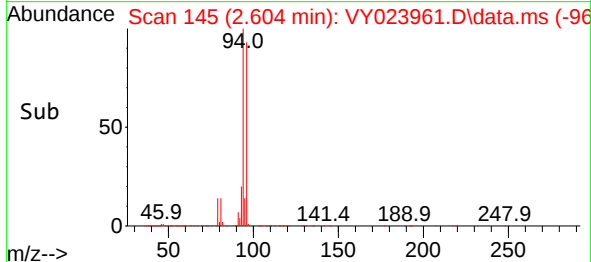
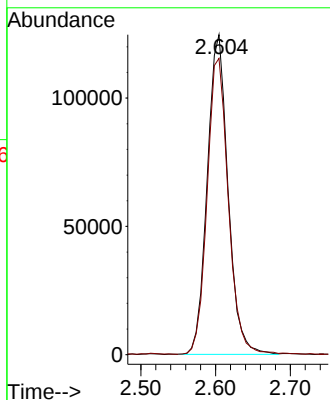
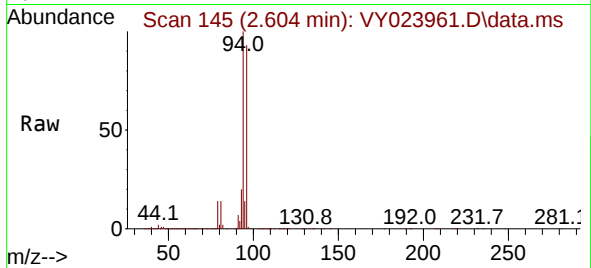




#5
Bromomethane
Concen: 50.070 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

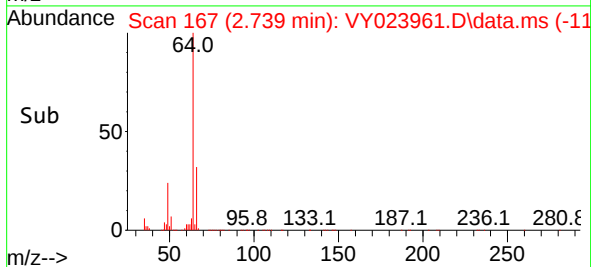
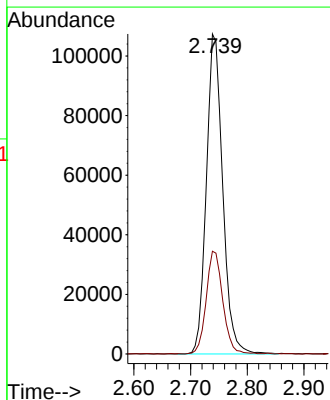
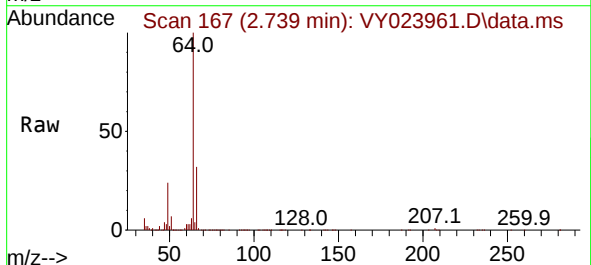
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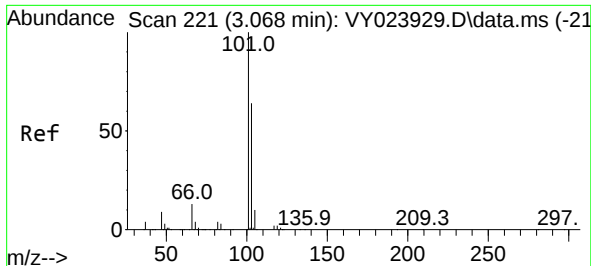
Tgt Ion: 94 Resp: 241316
Ion Ratio Lower Upper
94 100
96 92.5 74.8 112.2



#6
Chloroethane
Concen: 53.917 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 64 Resp: 215051
Ion Ratio Lower Upper
64 100
66 32.0 26.0 39.0

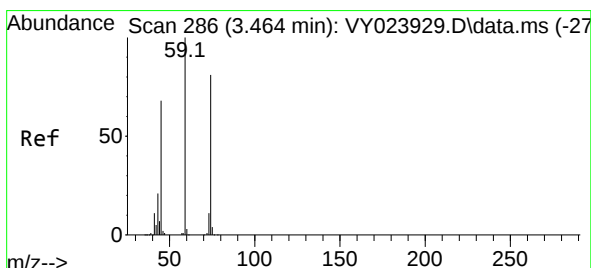
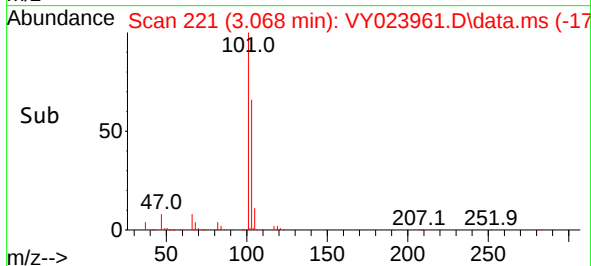
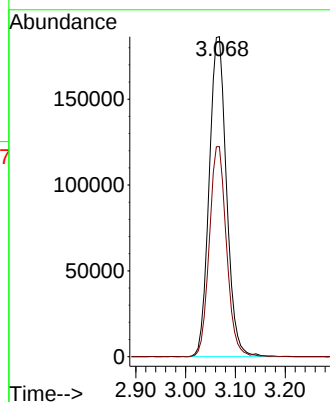
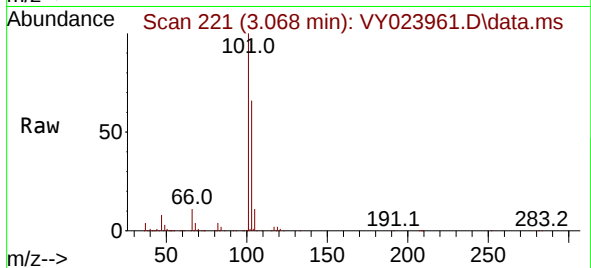




#7
Trichlorofluoromethane
Concen: 52.771 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

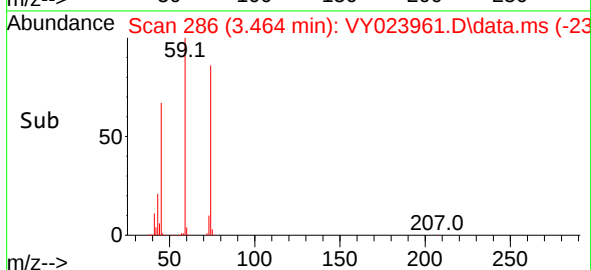
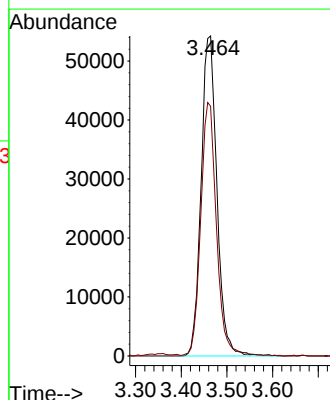
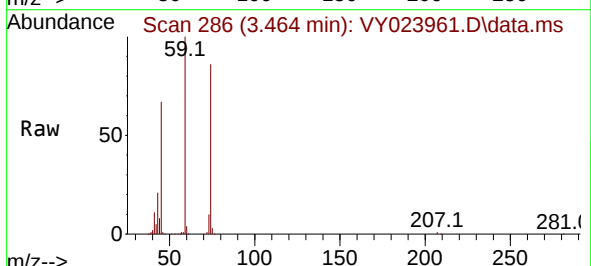
Instrument :
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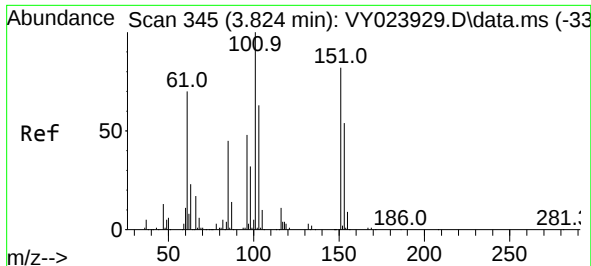
Tgt Ion:101 Resp: 449744
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2



#8
Diethyl Ether
Concen: 55.608 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 74 Resp: 130196
Ion Ratio Lower Upper
74 100
45 77.7 42.0 126.1

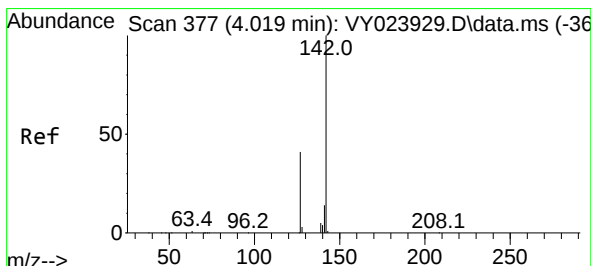
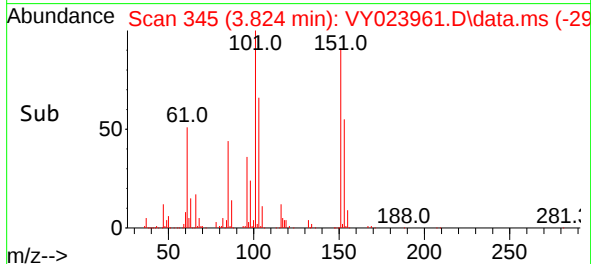
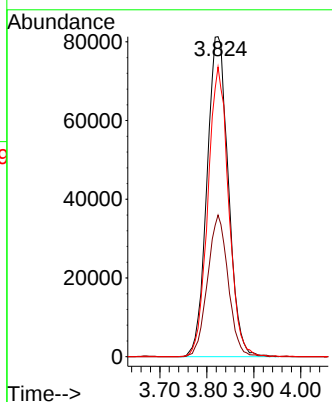
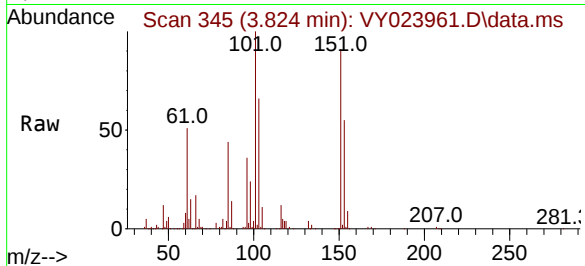




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.718 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.000 min
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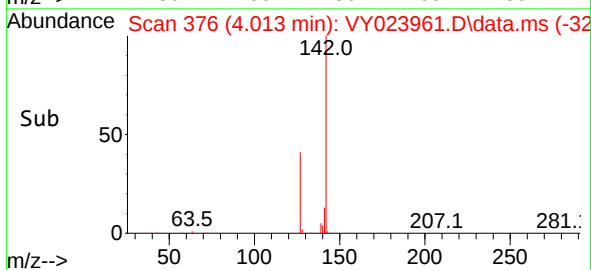
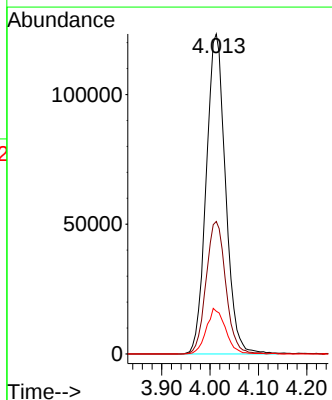
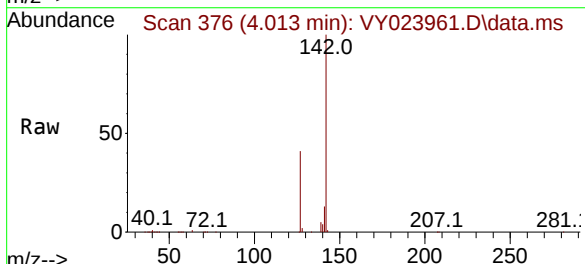
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

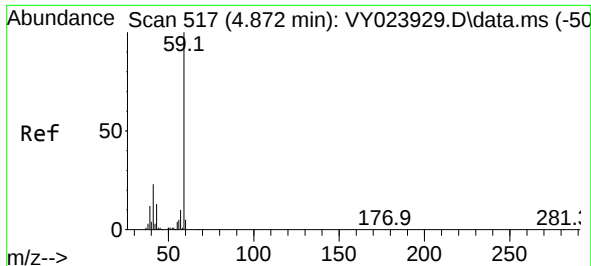
Tgt Ion:101 Resp: 256873
Ion Ratio Lower Upper
101 100
85 42.6 35.1 52.7
151 87.7 67.2 100.8



#10
Methyl Iodide
Concen: 55.868 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:142 Resp: 342027
Ion Ratio Lower Upper
142 100
127 42.3 34.5 51.7
141 14.2 11.5 17.3

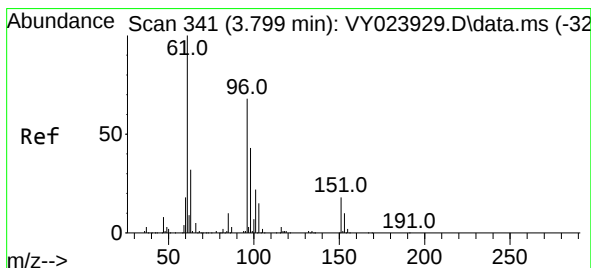
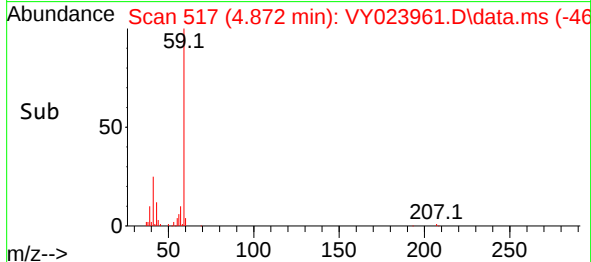
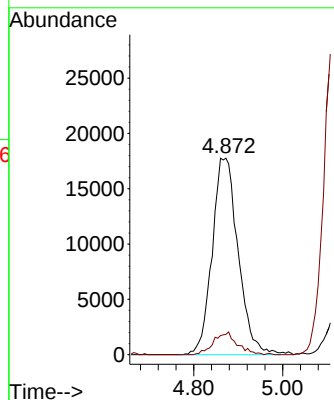
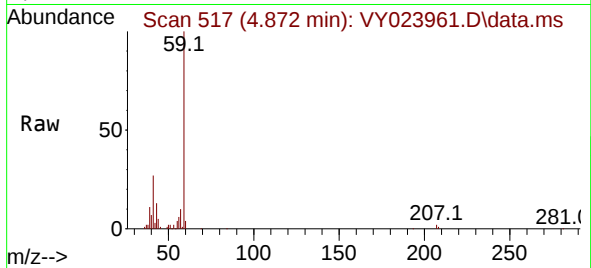




#11
Tert butyl alcohol
Concen: 273.610 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

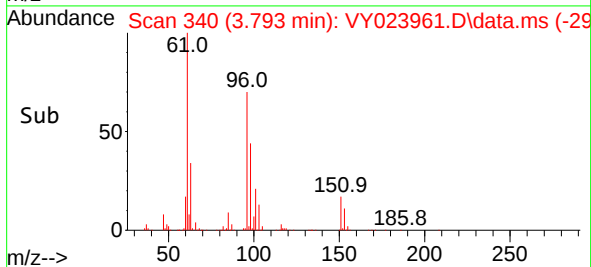
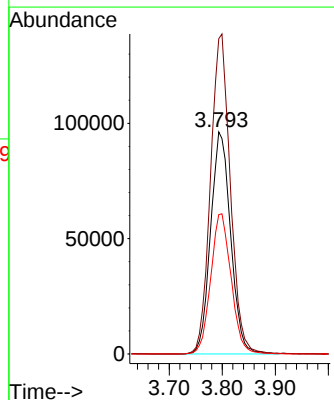
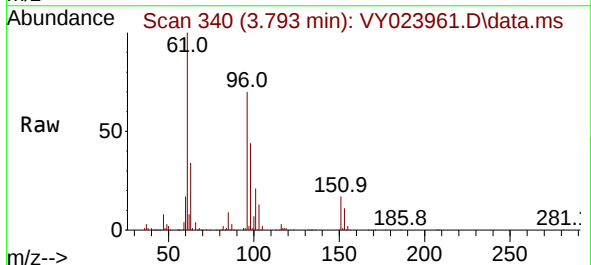
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

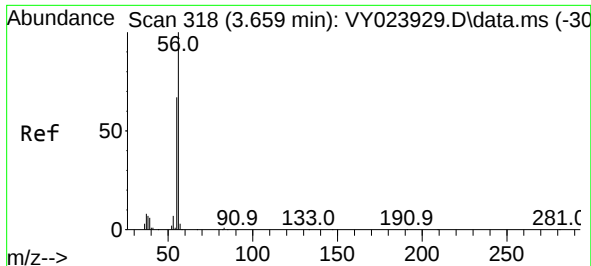
Tgt Ion: 59 Resp: 72036
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1



#12
1,1-Dichloroethene
Concen: 54.253 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 96 Resp: 253180
Ion Ratio Lower Upper
96 100
61 141.8 117.0 175.6
98 62.7 50.5 75.7

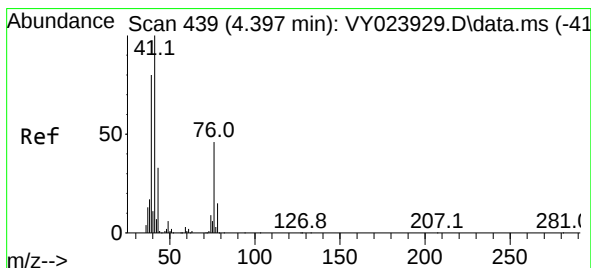
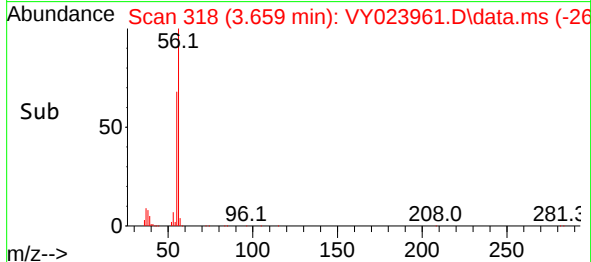
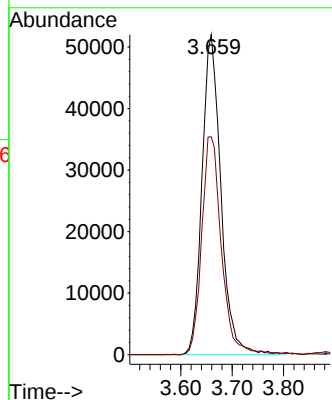
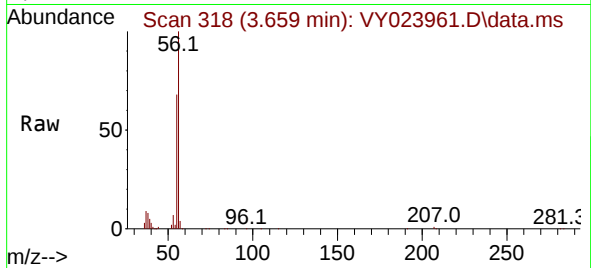




#13
Acrolein
Concen: 314.773 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

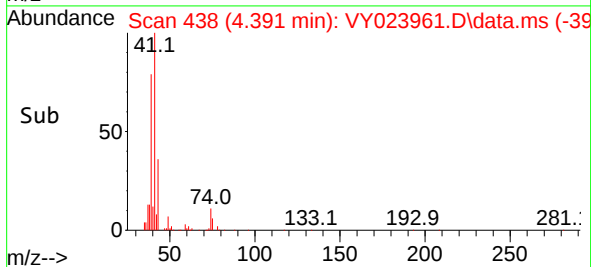
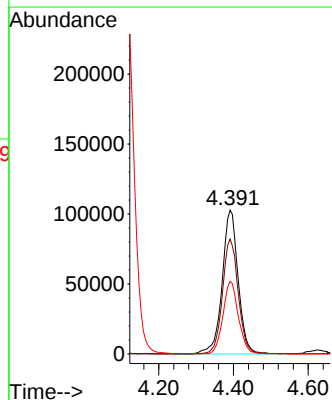
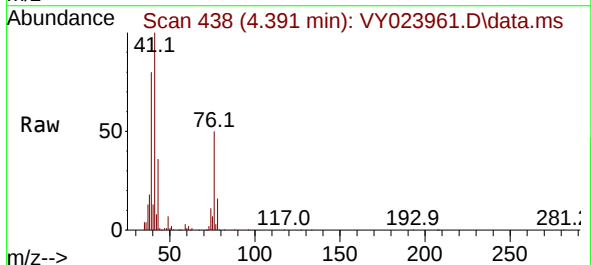
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

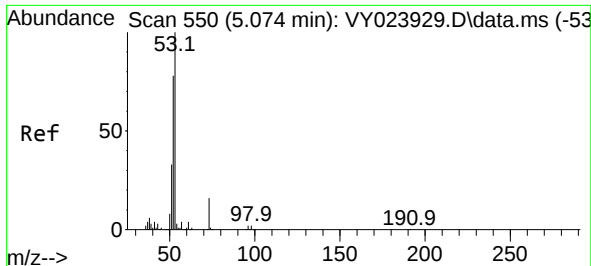
Tgt Ion: 56 Resp: 132545
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5



#14
Allyl chloride
Concen: 51.266 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 41 Resp: 306118
Ion Ratio Lower Upper
41 100
39 78.7 62.9 94.3
76 48.3 35.7 53.5

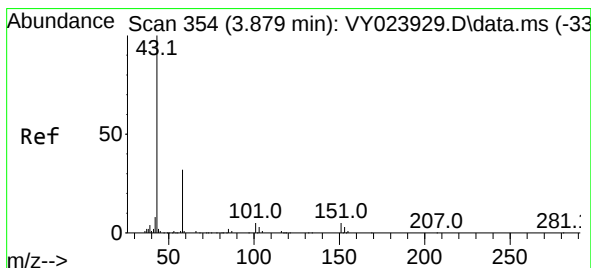
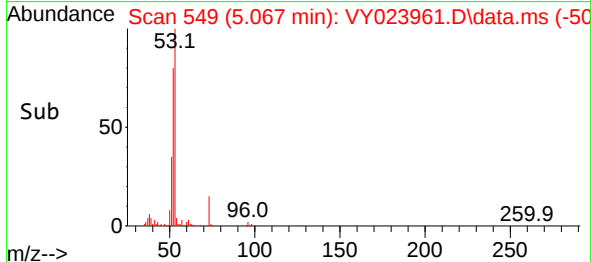
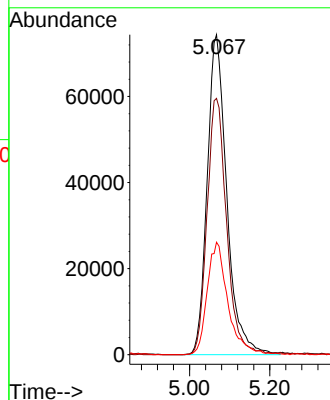
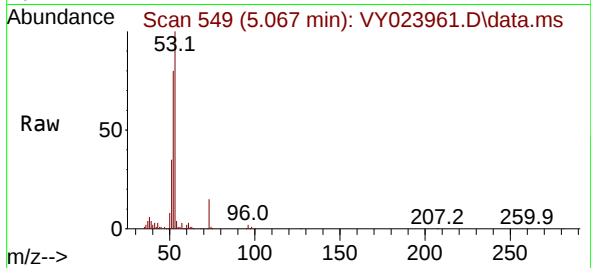




#15
Acrylonitrile
Concen: 270.601 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

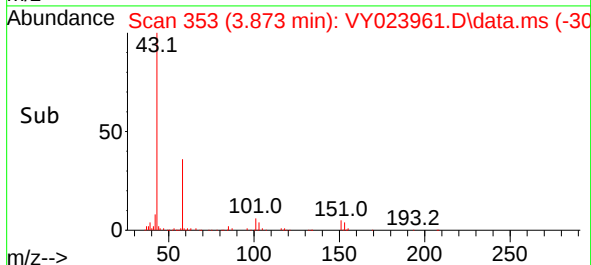
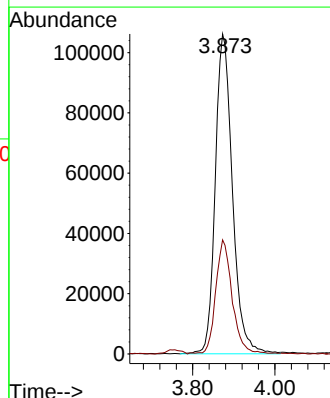
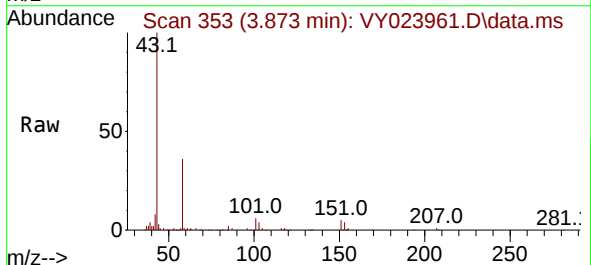
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

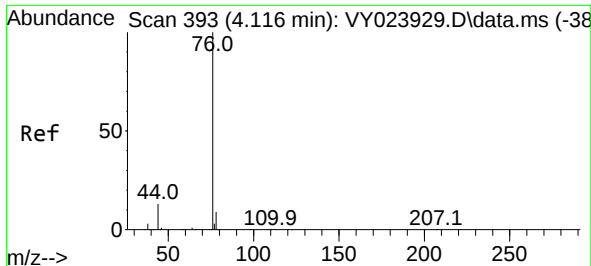
Tgt Ion: 53 Resp: 252425
Ion Ratio Lower Upper
53 100
52 80.0 64.2 96.2
51 37.2 29.3 43.9



#16
Acetone
Concen: 263.442 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 43 Resp: 307547
Ion Ratio Lower Upper
43 100
58 35.4 26.4 39.6

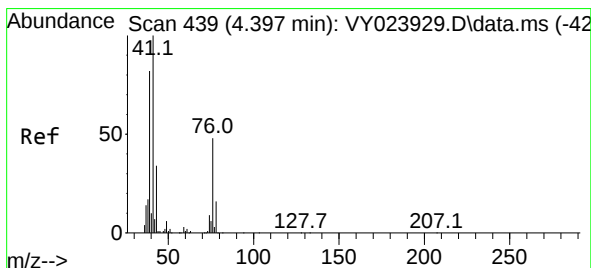
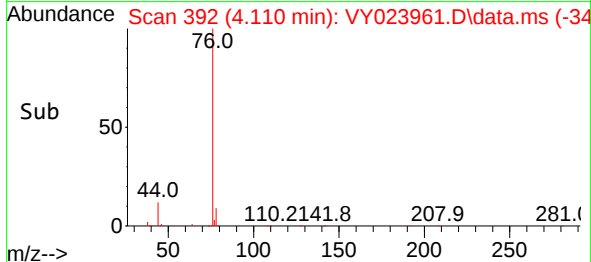
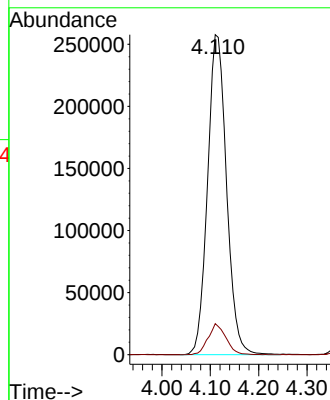
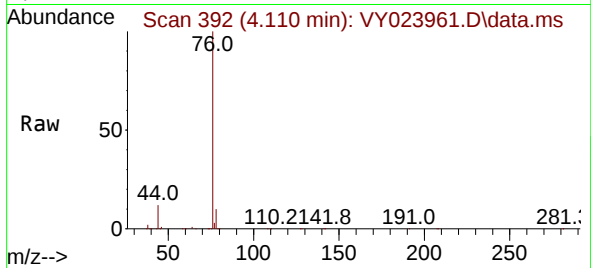




#17
Carbon Disulfide
Concen: 56.719 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

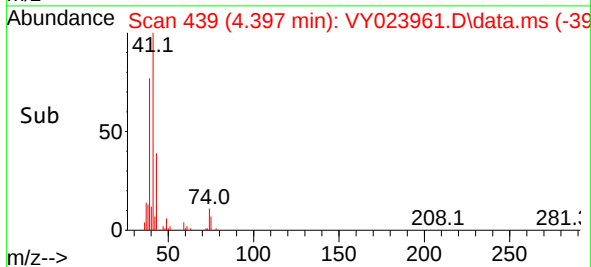
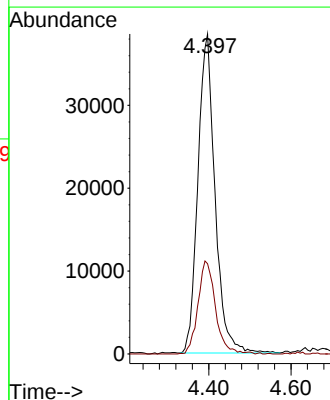
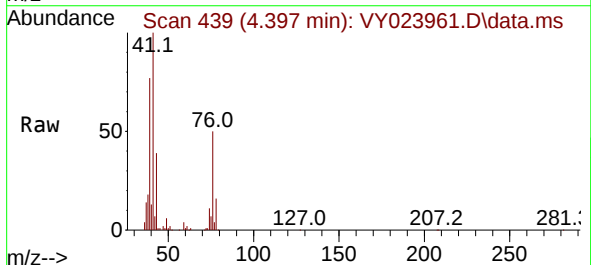
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

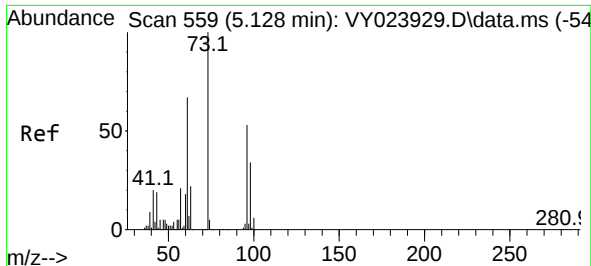
Tgt Ion: 76 Resp: 702908
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 54.020 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 43 Resp: 111124
Ion Ratio Lower Upper
43 100
74 29.6 22.6 33.8

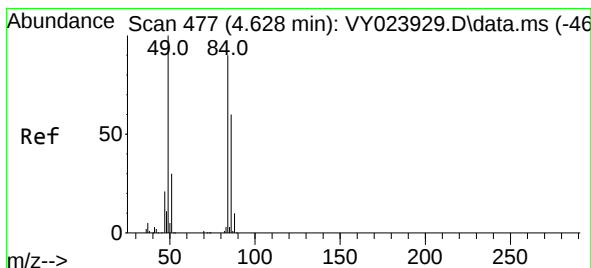
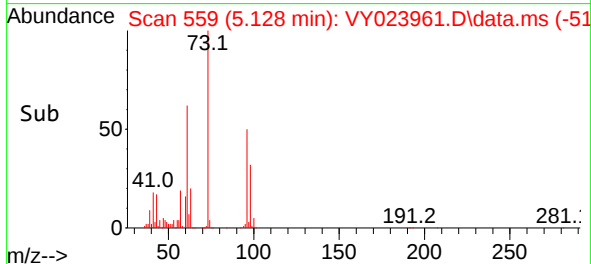
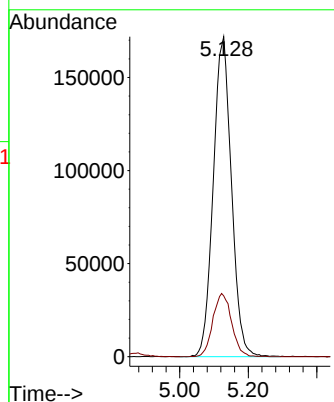
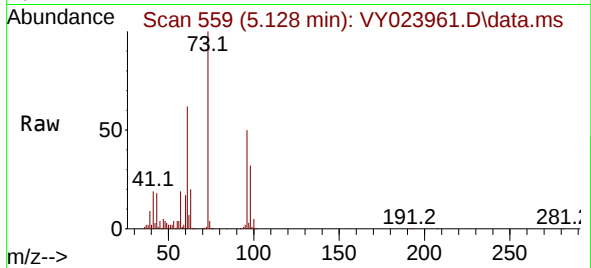




#19
Methyl tert-butyl Ether
Concen: 56.643 ug/l
RT: 5.128 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

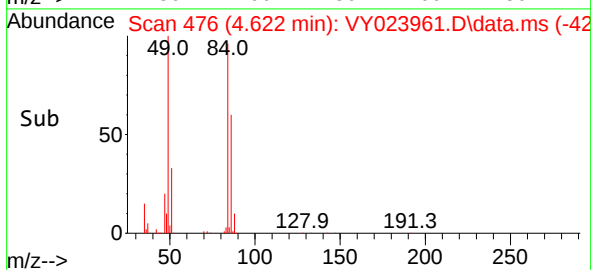
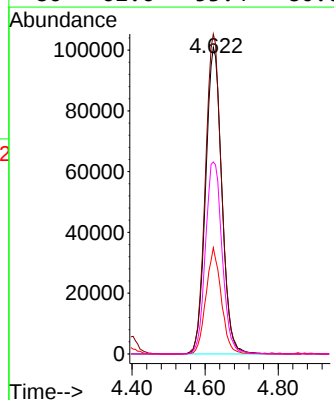
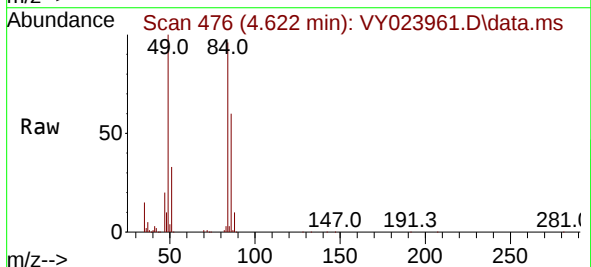
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

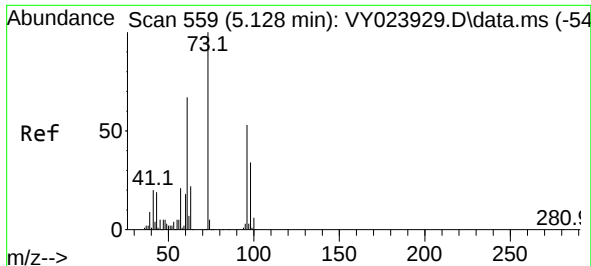
Tgt Ion: 73 Resp: 632118
Ion Ratio Lower Upper
73 100
57 19.0 17.1 25.7



#20
Methylene Chloride
Concen: 58.053 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 84 Resp: 310518
Ion Ratio Lower Upper
84 100
49 104.3 89.1 133.7
51 34.6 26.6 39.8
86 62.6 53.4 80.0

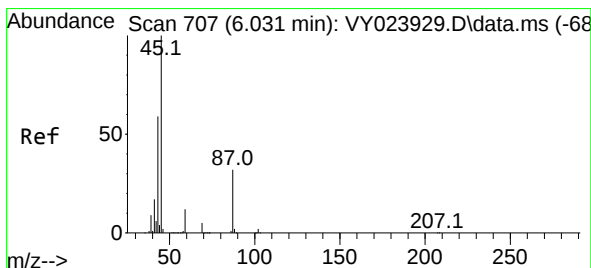
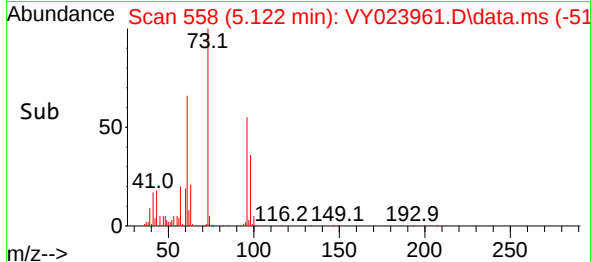
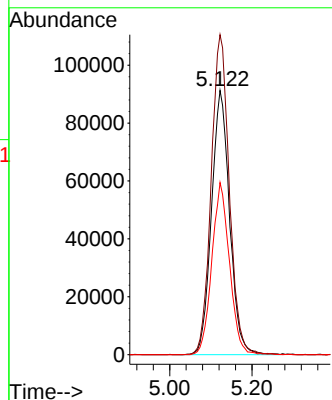
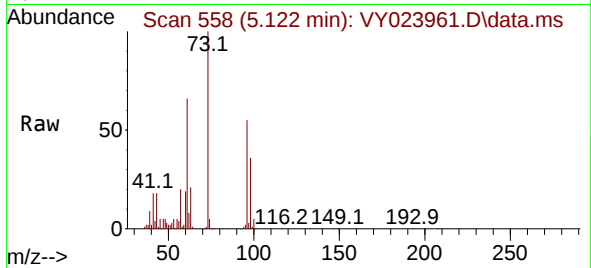




#21
trans-1,2-Dichloroethene
Concen: 54.522 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

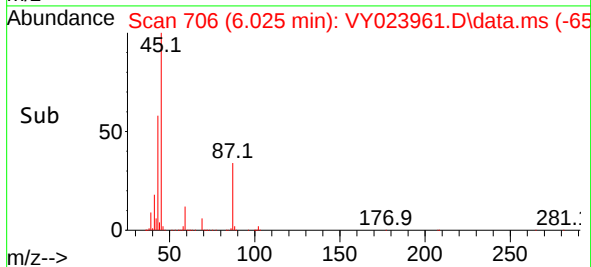
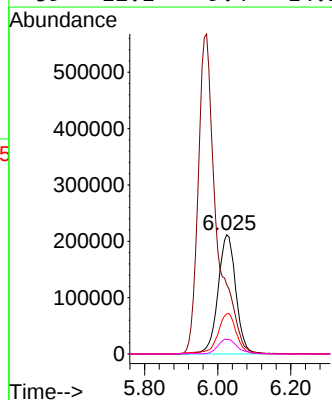
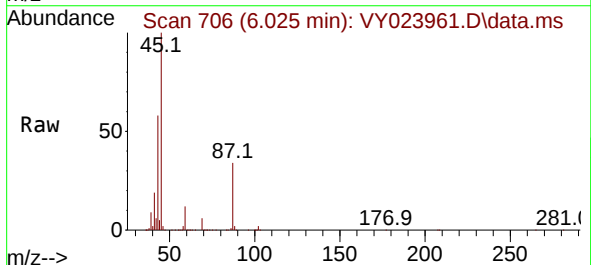
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

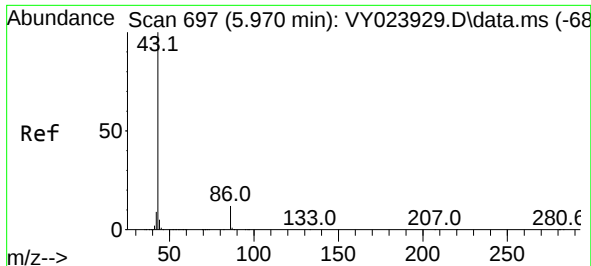
Tgt Ion: 96 Resp: 279317
Ion Ratio Lower Upper
96 100
61 121.1 101.4 152.0
98 65.2 51.7 77.5



#22
Diisopropyl ether
Concen: 52.762 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 45 Resp: 717392
Ion Ratio Lower Upper
45 100
43 58.0 47.0 70.6
87 33.6 26.0 39.0
59 12.1 9.4 14.2

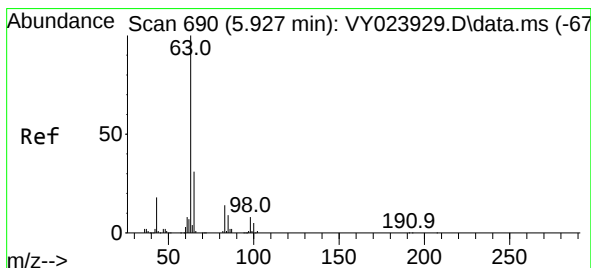
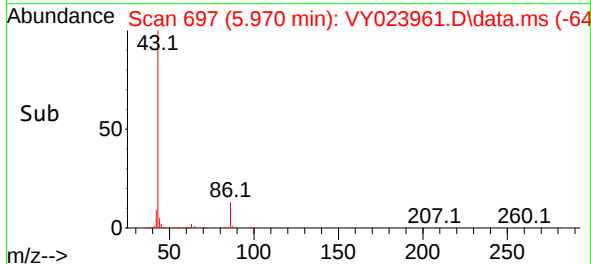
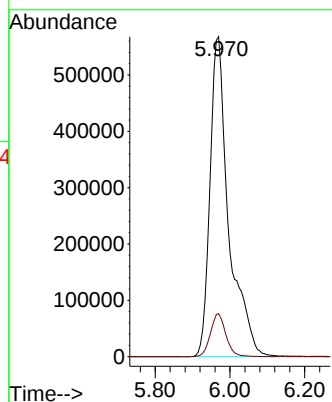
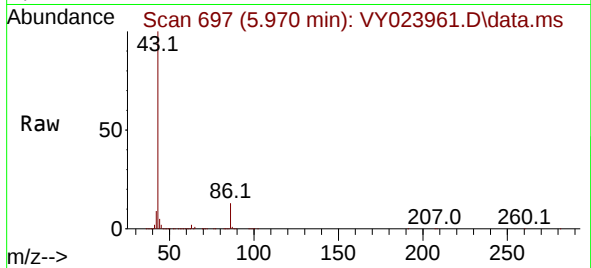




#23
 Vinyl Acetate
 Concen: 262.235 ug/l
 RT: 5.970 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY023961.D
 Acq: 11 Dec 2025 17:38

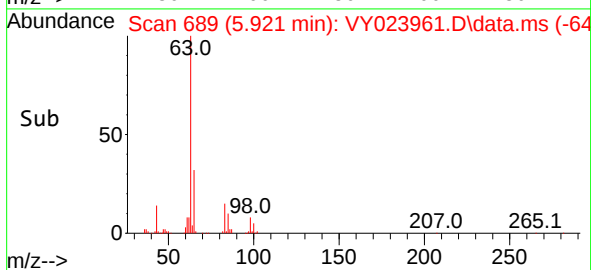
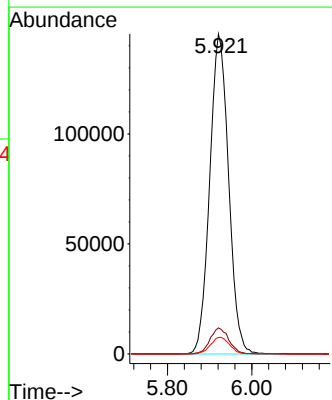
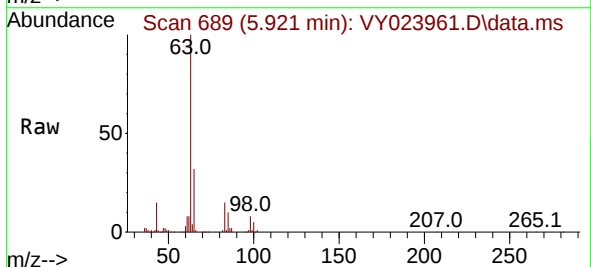
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

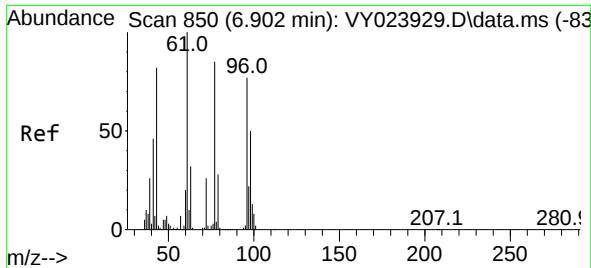
Tgt Ion: 43 Resp: 1981141
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 53.306 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY023961.D
 Acq: 11 Dec 2025 17:38

Tgt Ion: 63 Resp: 451762
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 5.1 2.3 6.9

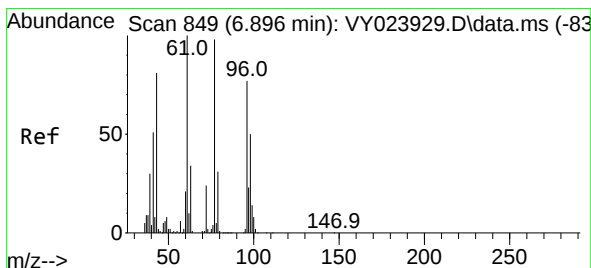
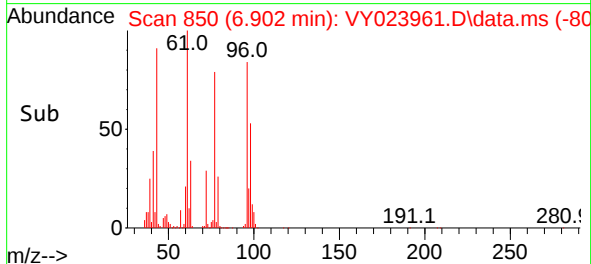
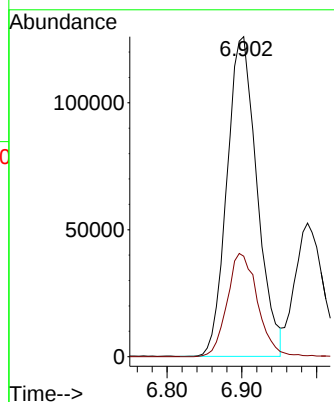
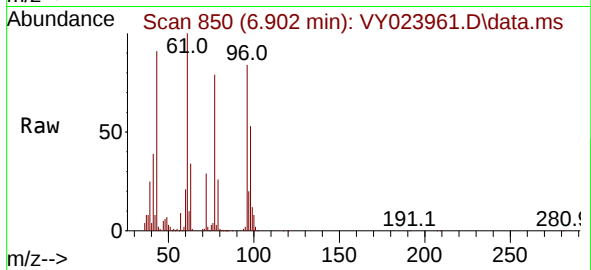




#25
2-Butanone
Concen: 250.684 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

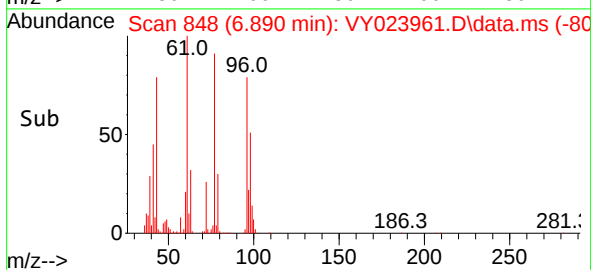
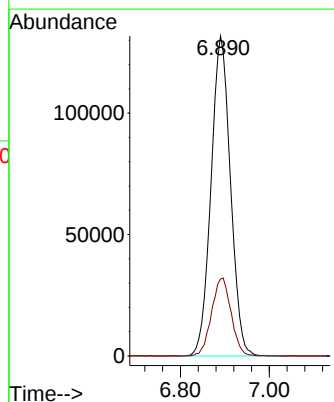
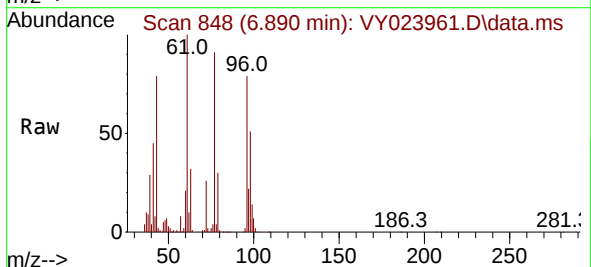
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

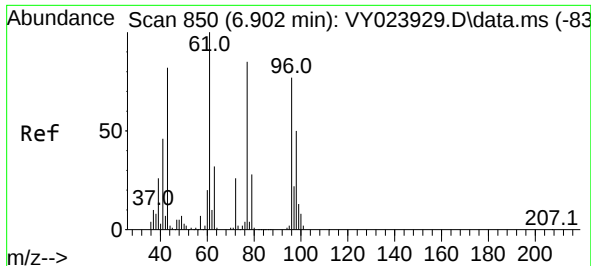
Tgt Ion: 43 Resp: 352233
Ion Ratio Lower Upper
43 100
72 31.4 25.0 37.6



#26
2,2-Dichloropropane
Concen: 50.454 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 77 Resp: 399246
Ion Ratio Lower Upper
77 100
97 24.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 56.255 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

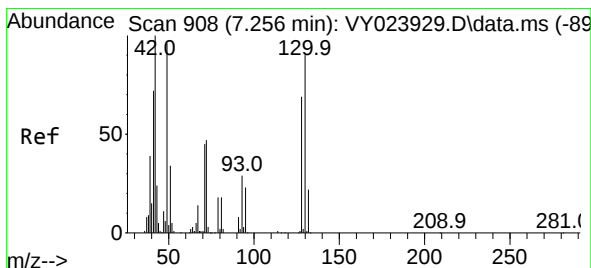
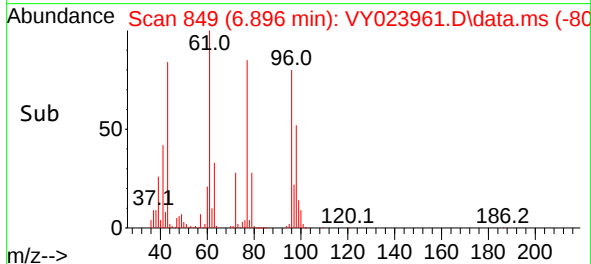
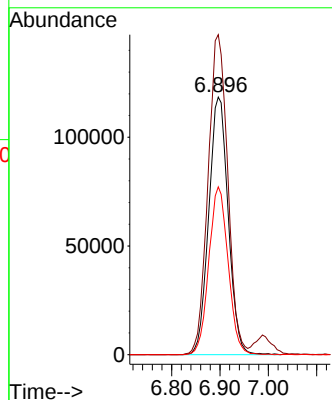
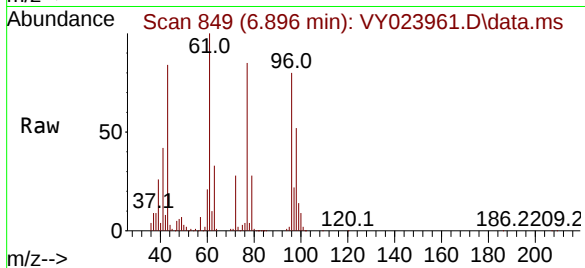
Tgt Ion: 96 Resp: 330836

Ion Ratio Lower Upper

96 100

61 125.8 0.0 264.6

98 64.7 0.0 129.6



#28

Bromochloromethane

Concen: 47.719 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

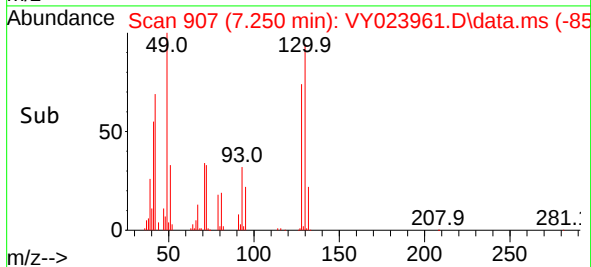
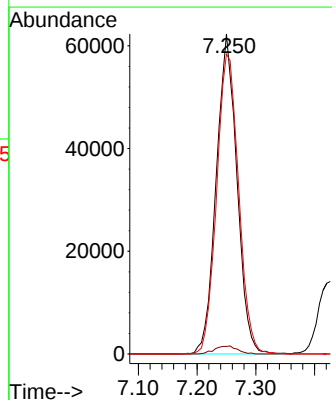
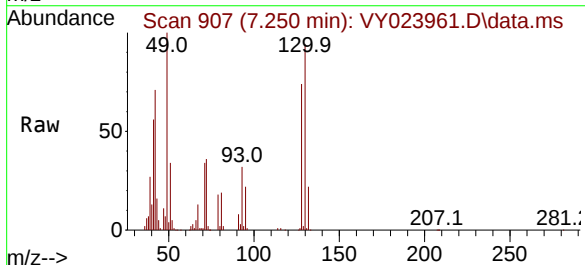
Tgt Ion: 49 Resp: 152354

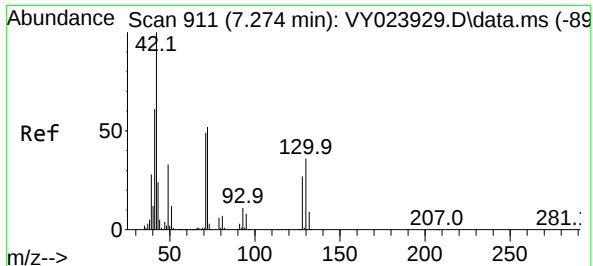
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.4

130 99.5 74.4 111.6





#29

Tetrahydrofuran

Concen: 273.473 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

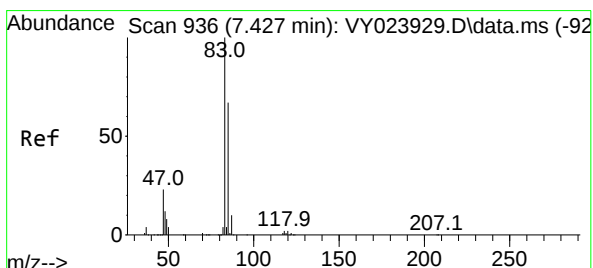
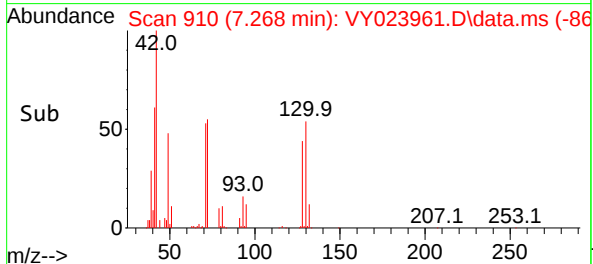
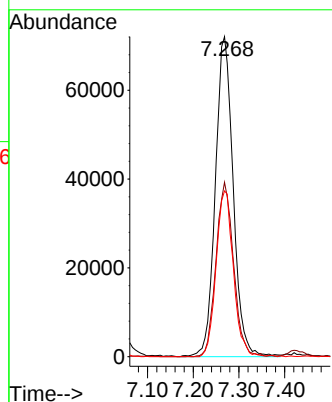
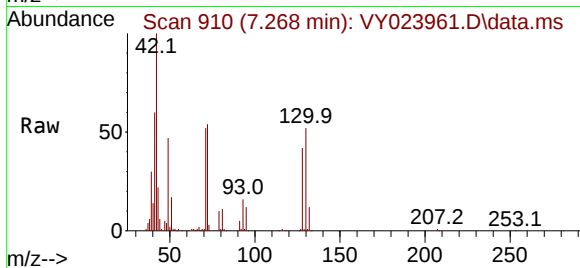
Tgt Ion: 42 Resp: 195968

Ion Ratio Lower Upper

42 100

72 53.6 40.0 60.0

71 50.1 37.7 56.5



#30

Chloroform

Concen: 54.569 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023961.D

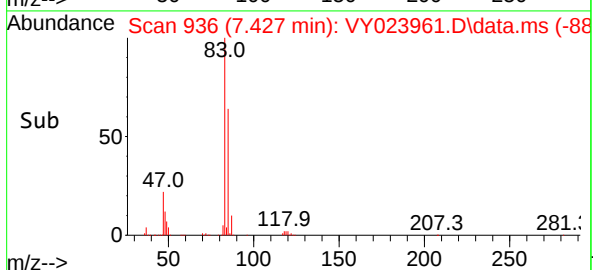
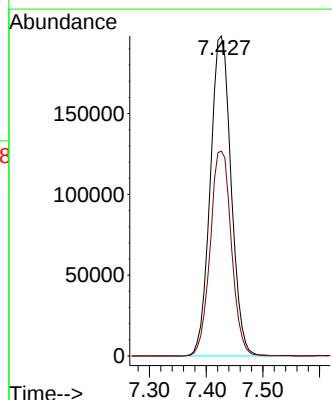
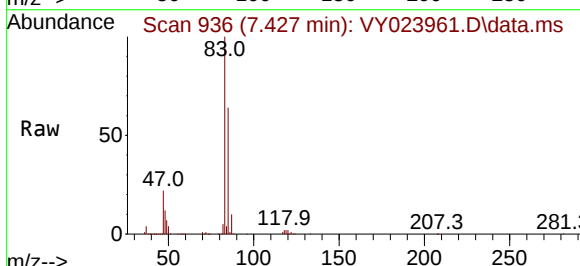
Acq: 11 Dec 2025 17:38

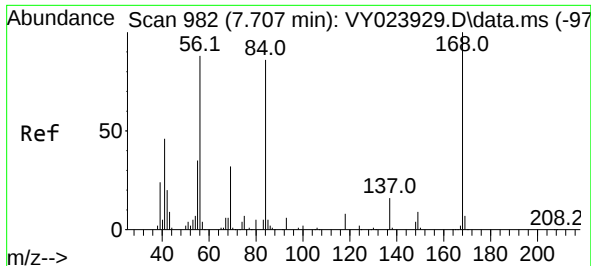
Tgt Ion: 83 Resp: 505171

Ion Ratio Lower Upper

83 100

85 64.0 53.4 80.0

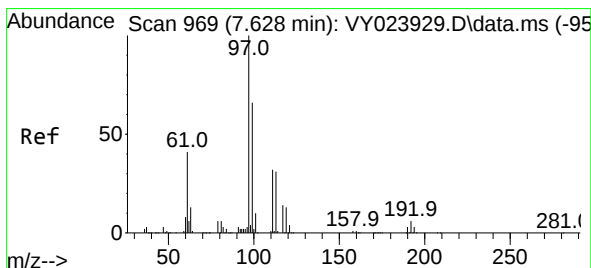
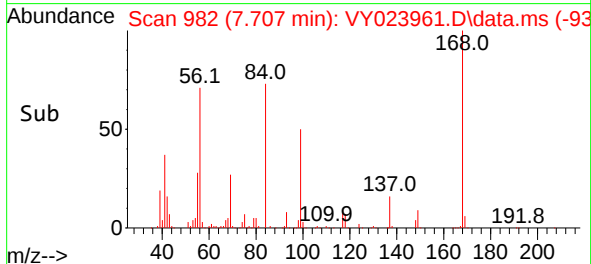
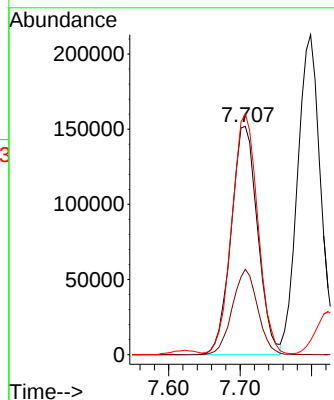
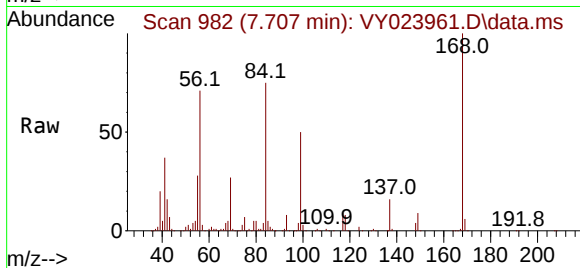




#31
Cyclohexane
Concen: 50.226 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

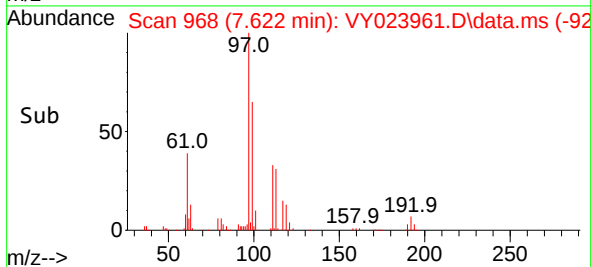
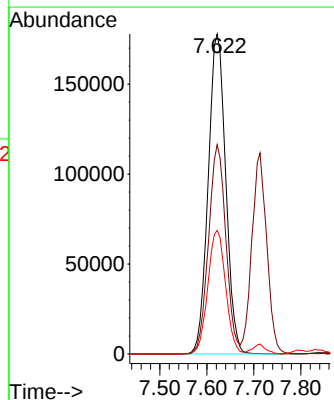
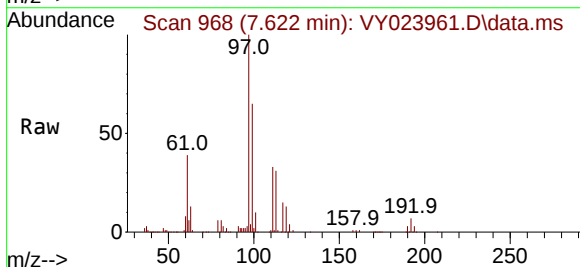
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

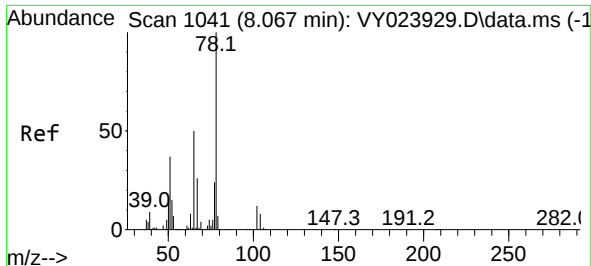
Tgt Ion: 56 Resp: 391628
Ion Ratio Lower Upper
56 100
69 37.4 29.1 43.7
84 104.0 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 53.628 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 97 Resp: 460376
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 39.1 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 48.611 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

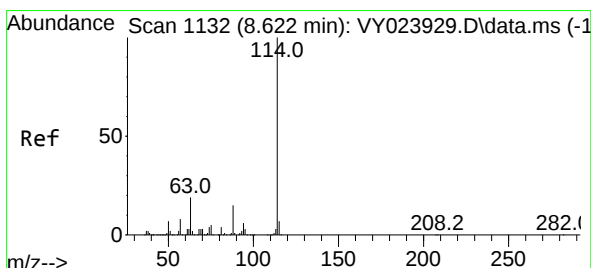
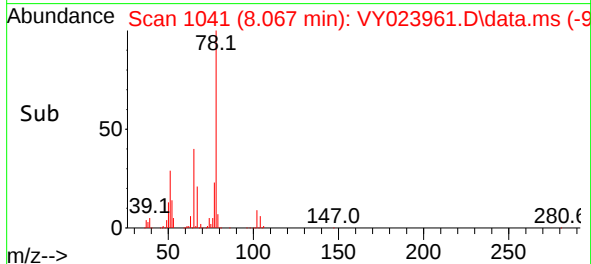
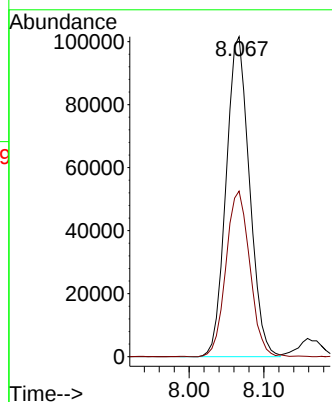
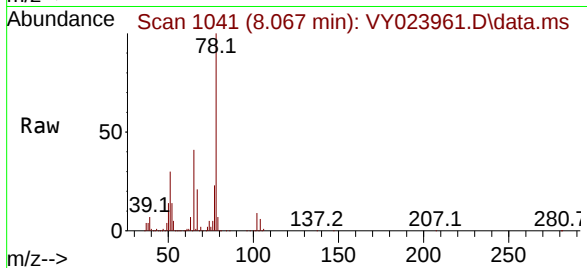
VSTDCCC050EC

Tgt Ion: 65 Resp: 221018

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

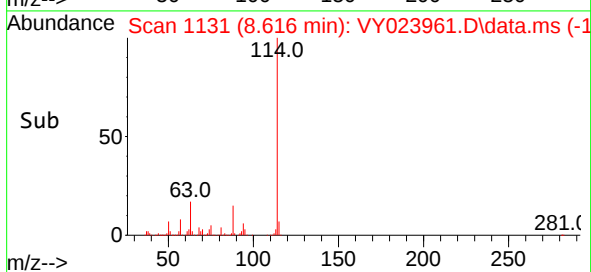
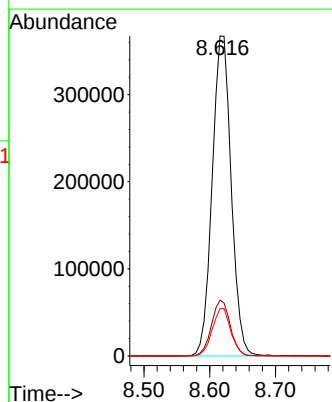
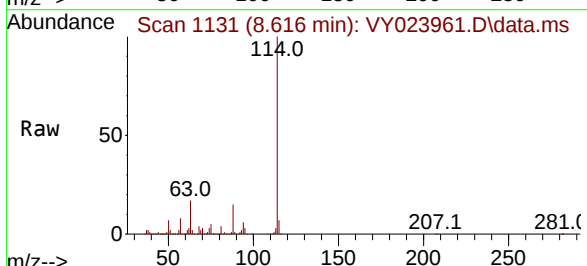
Tgt Ion: 114 Resp: 739787

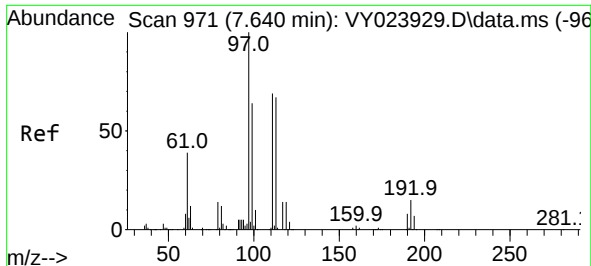
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.2

88 14.8 0.0 29.4

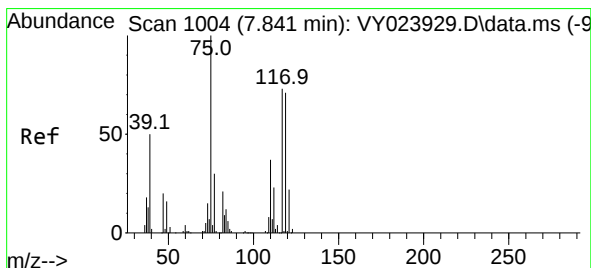
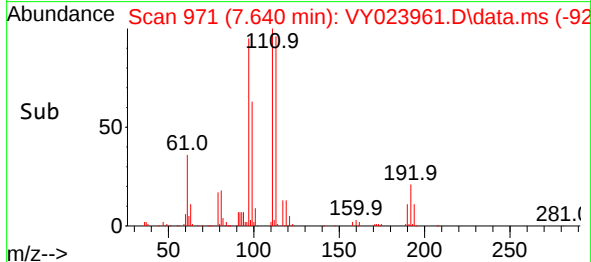
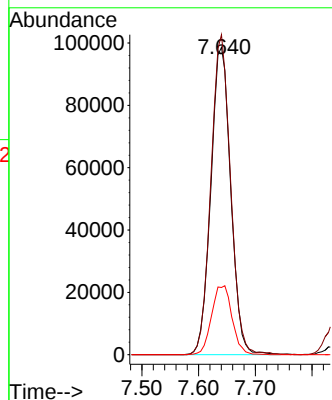
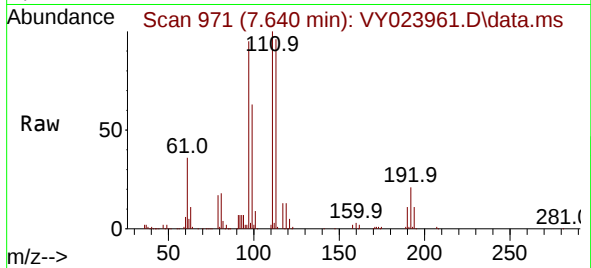




#35
Dibromofluoromethane
Concen: 49.722 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

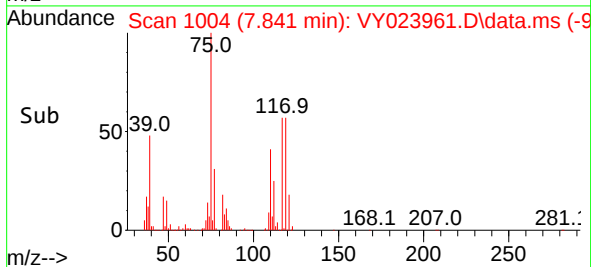
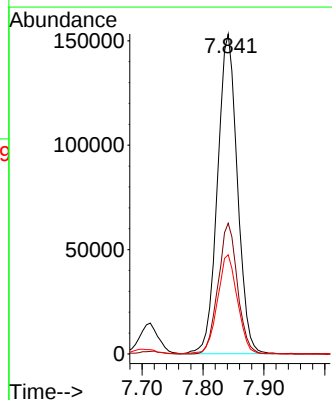
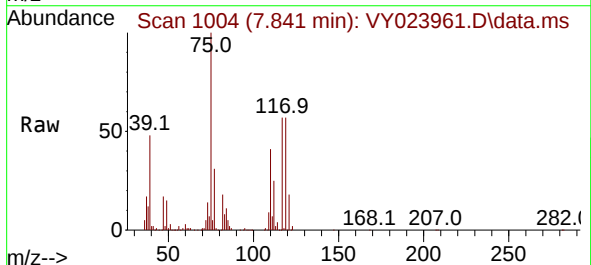
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

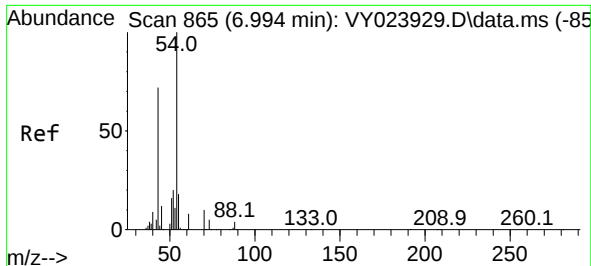
Tgt Ion:113 Resp: 240450
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 23.1 17.9 26.9



#36
1,1-Dichloropropene
Concen: 52.767 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 75 Resp: 347402
Ion Ratio Lower Upper
75 100
110 39.7 19.2 57.6
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 53.654 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

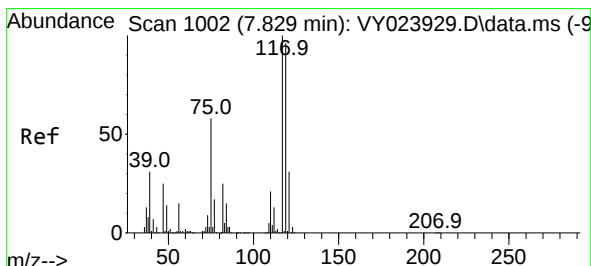
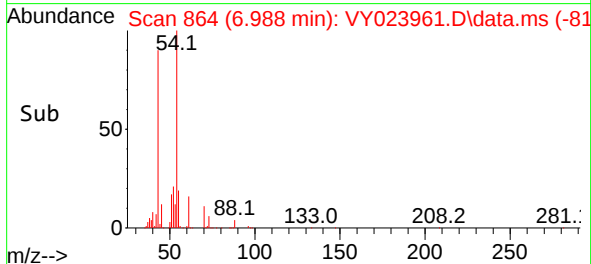
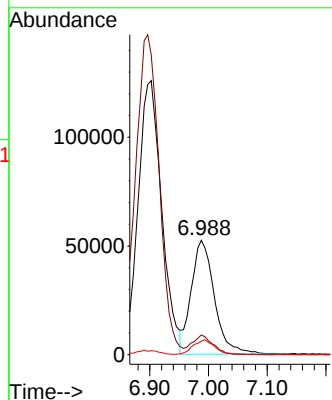
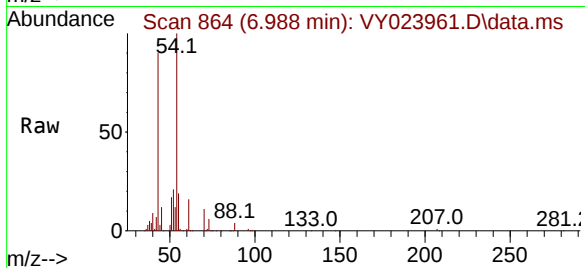
Tgt Ion: 43 Resp: 143843

Ion Ratio Lower Upper

43 100

61 15.9 11.9 17.9

70 12.3 9.2 13.8



#38

Carbon Tetrachloride

Concen: 52.925 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

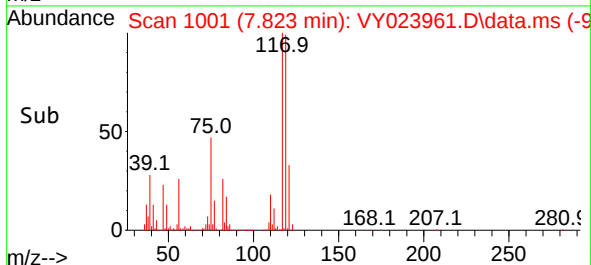
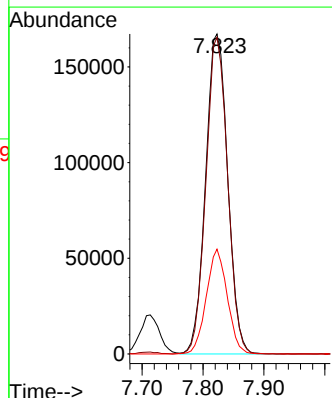
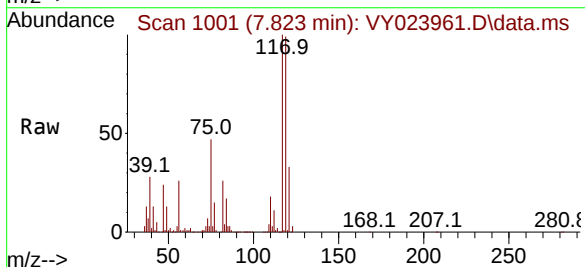
Tgt Ion: 117 Resp: 422340

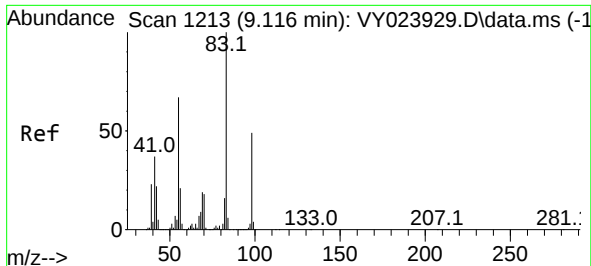
Ion Ratio Lower Upper

117 100

119 98.9 76.6 114.8

121 32.8 24.8 37.2





#39

Methylcyclohexane

Concen: 54.752 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

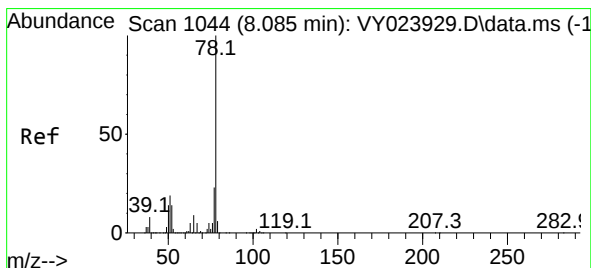
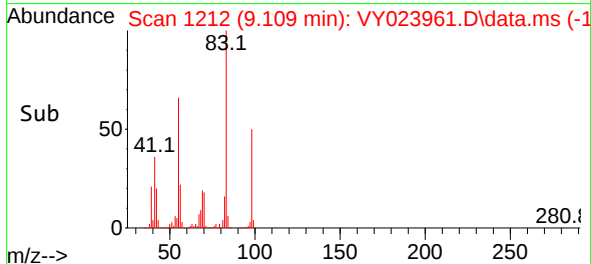
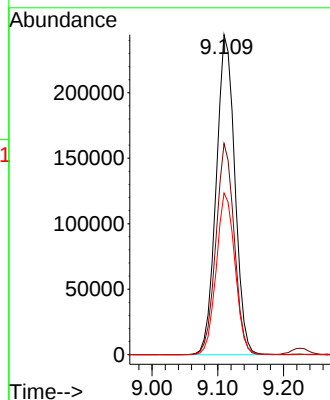
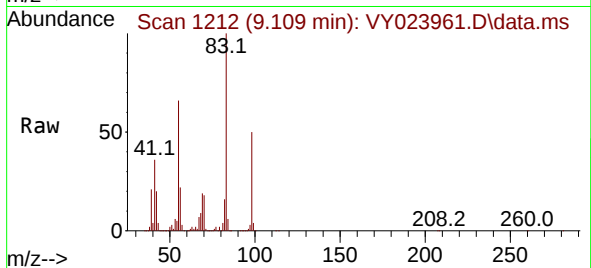
Tgt Ion: 83 Resp: 481593

Ion Ratio Lower Upper

83 100

55 66.0 53.4 80.0

98 50.5 39.2 58.8



#40

Benzene

Concen: 54.551 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY023961.D

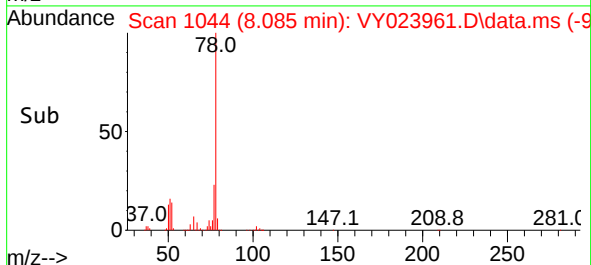
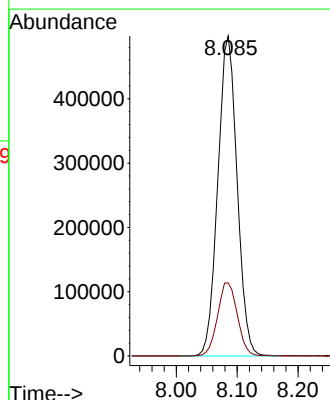
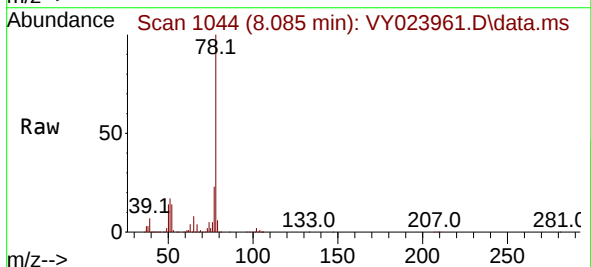
Acq: 11 Dec 2025 17:38

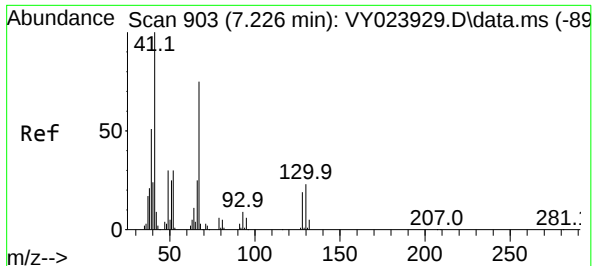
Tgt Ion: 78 Resp: 1093678

Ion Ratio Lower Upper

78 100

77 22.8 18.3 27.5

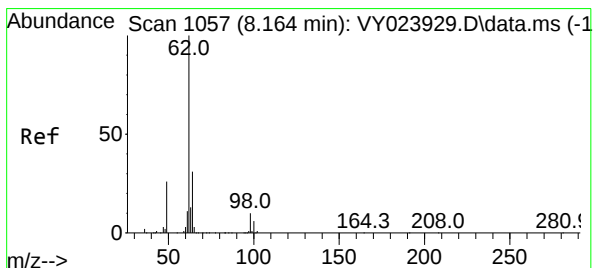
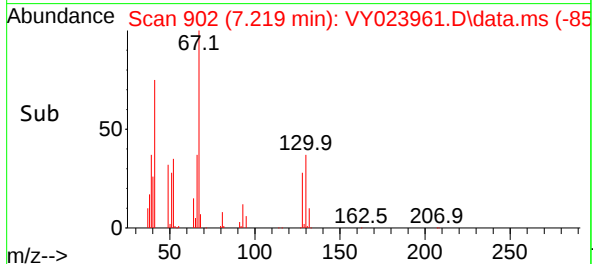
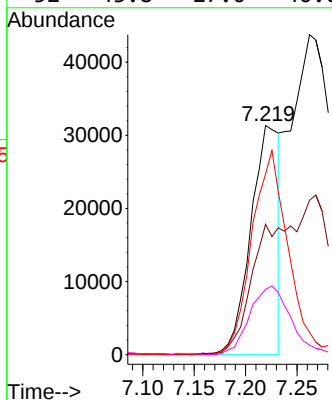
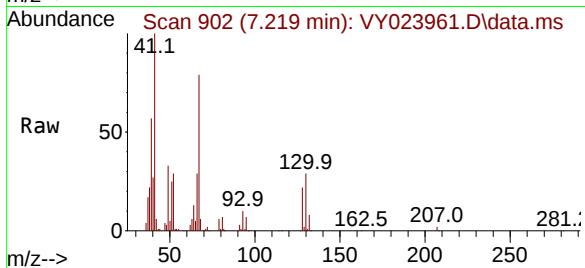




#41
Methacrylonitrile
Concen: 40.876 ug/l
RT: 7.219 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

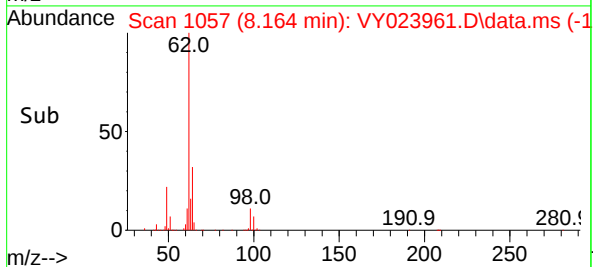
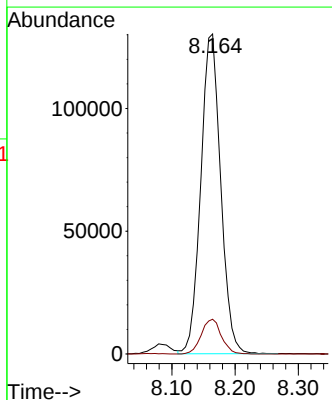
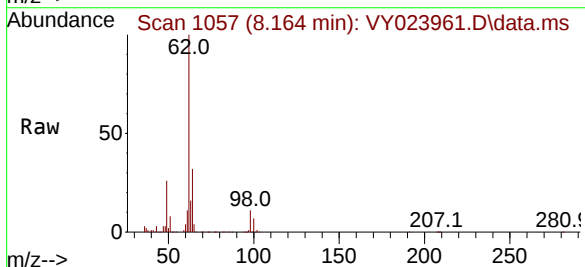
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

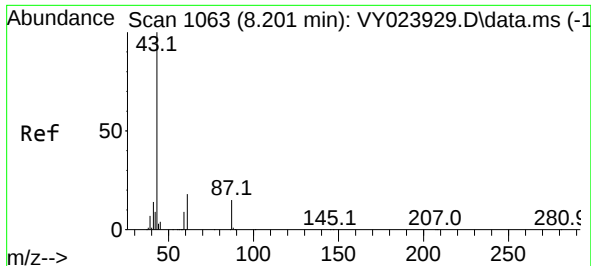
Tgt Ion: 41 Resp: 60286
Ion Ratio Lower Upper
41 100
39 0.0 50.6 75.8#
67 115.2 68.0 102.0#
52 43.8 27.0 40.6#



#42
1,2-Dichloroethane
Concen: 54.210 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 62 Resp: 285011
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.8

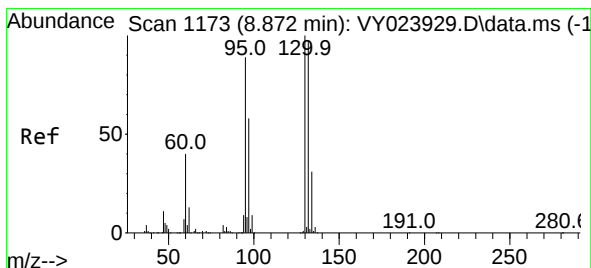
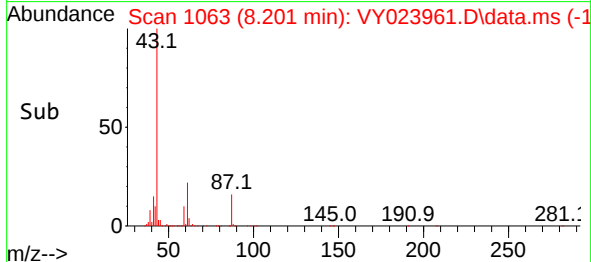
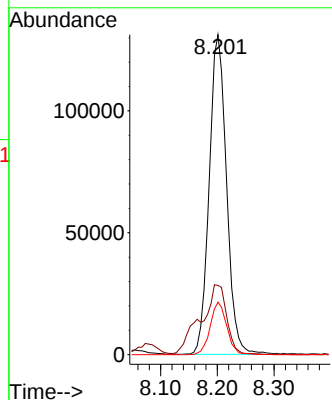
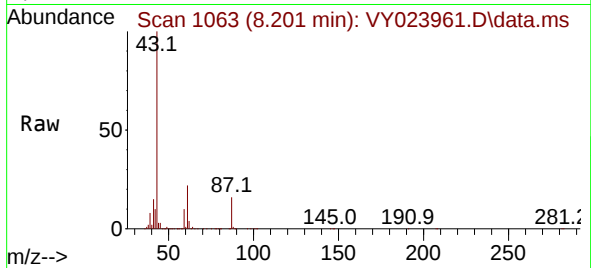




#43
Isopropyl Acetate
Concen: 55.096 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

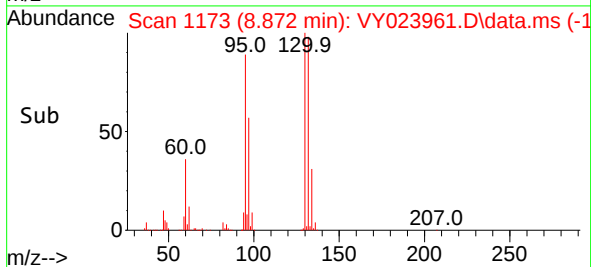
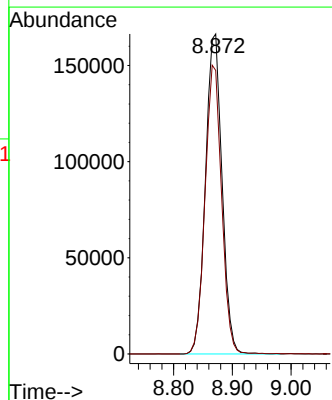
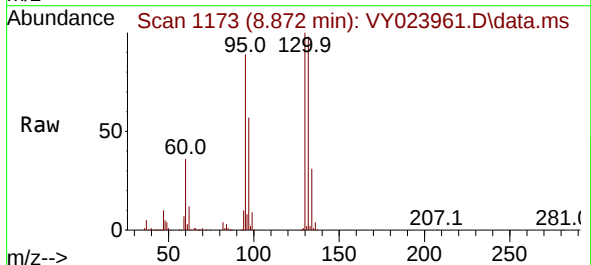
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

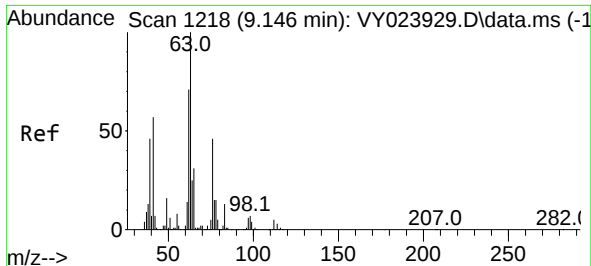
Tgt Ion: 43 Resp: 278190
Ion Ratio Lower Upper
43 100
61 32.8 17.4 26.2#
87 15.8 12.3 18.5



#44
Trichloroethene
Concen: 56.145 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:130 Resp: 326385
Ion Ratio Lower Upper
130 100
95 88.6 0.0 178.8





#45

1,2-Dichloropropane

Concen: 53.888 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

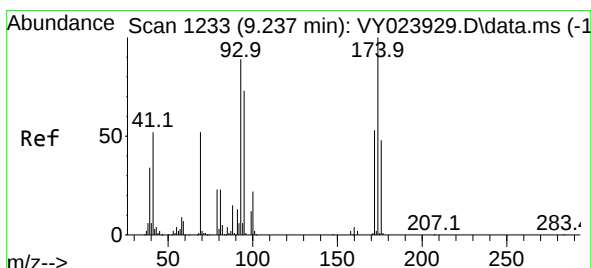
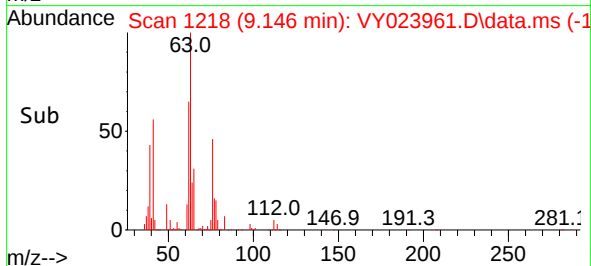
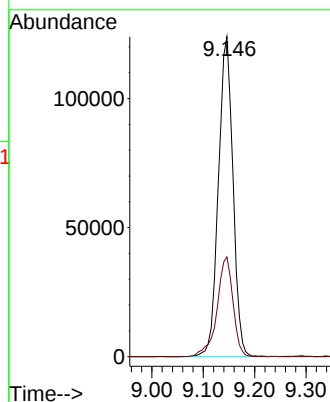
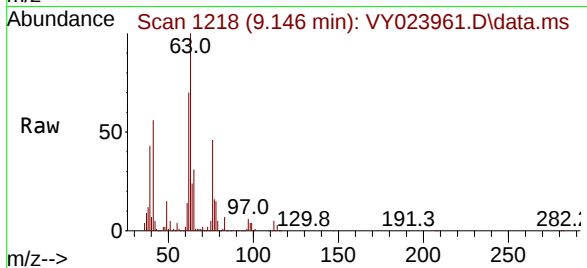
VSTDCCC050EC

Tgt Ion: 63 Resp: 243764

Ion Ratio Lower Upper

63 100

65 31.2 25.1 37.7



#46

Dibromomethane

Concen: 57.213 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

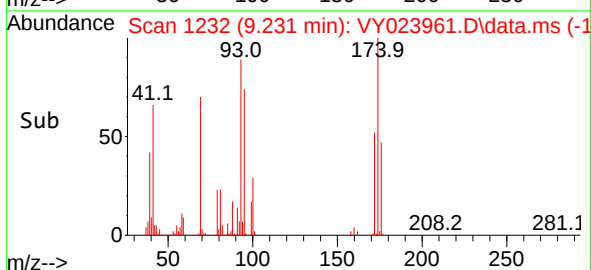
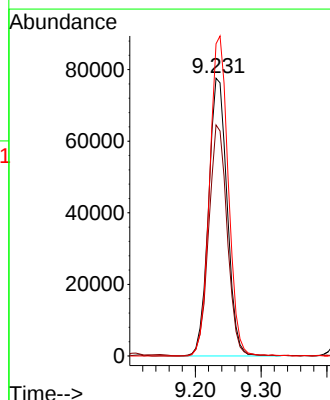
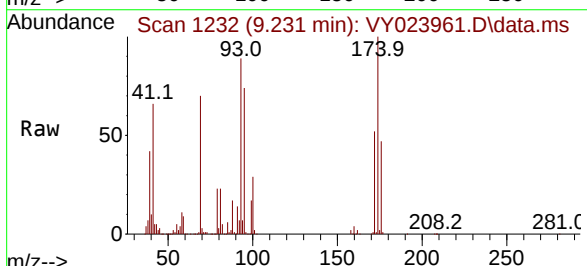
Tgt Ion: 93 Resp: 152429

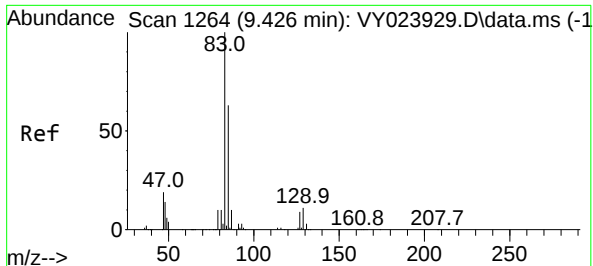
Ion Ratio Lower Upper

93 100

95 82.3 65.1 97.7

174 115.4 90.6 136.0





#47

Bromodichloromethane

Concen: 54.612 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

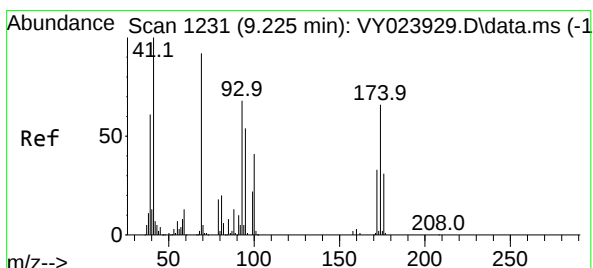
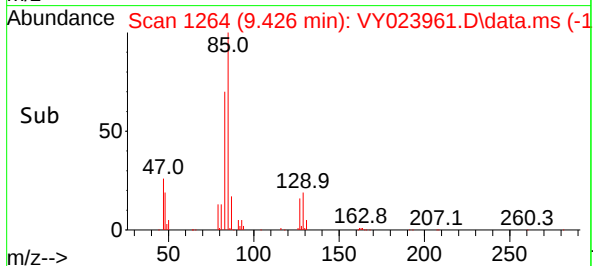
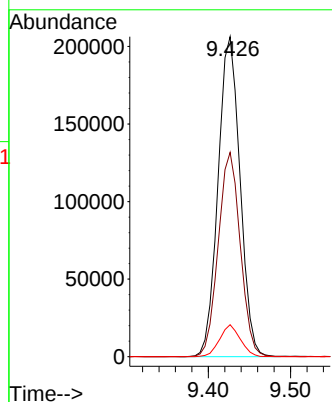
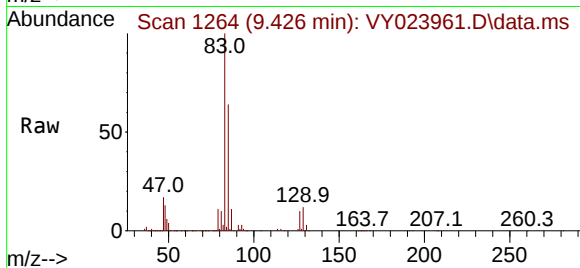
Tgt Ion: 83 Resp: 382766

Ion Ratio Lower Upper

83 100

85 63.8 50.7 76.1

127 10.0 7.0 10.4



#48

Methyl methacrylate

Concen: 56.275 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

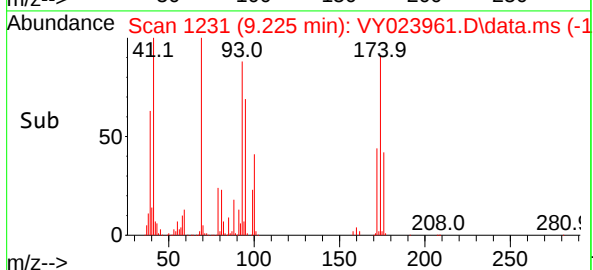
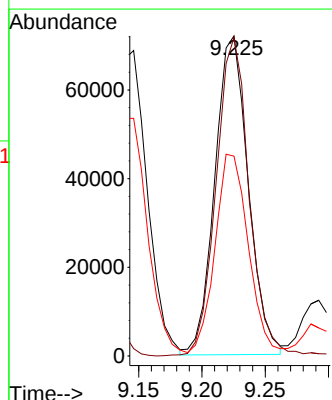
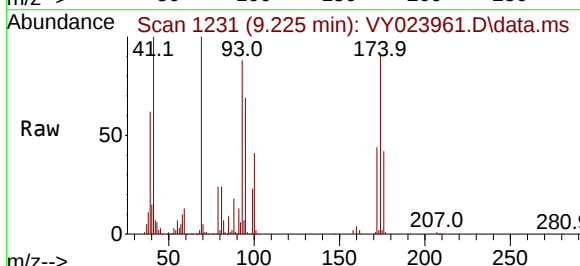
Tgt Ion: 41 Resp: 132276

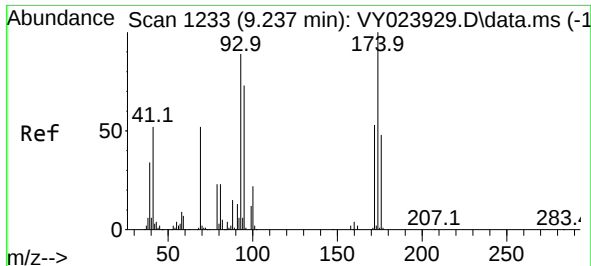
Ion Ratio Lower Upper

41 100

69 98.8 74.7 112.1

39 61.3 47.4 71.2

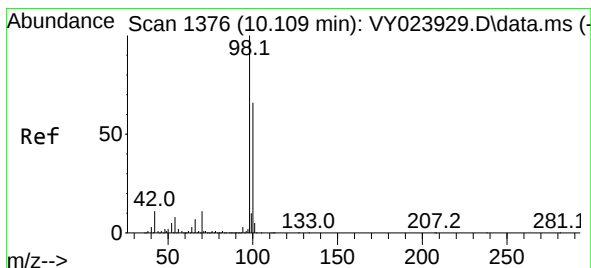
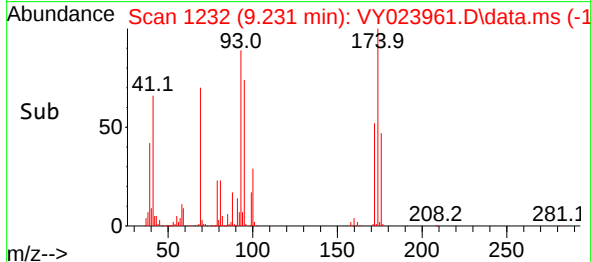
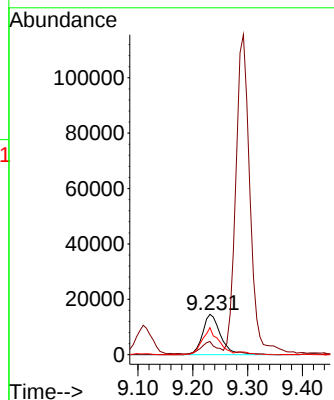
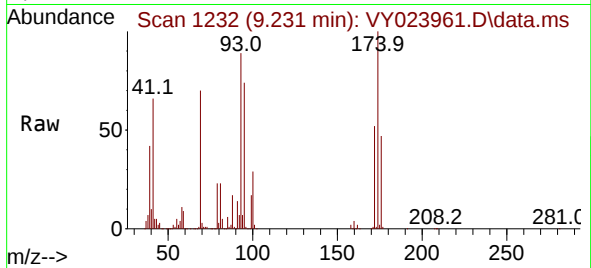




#49
1,4-Dioxane
Concen: 1127.369 ug/l
RT: 9.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

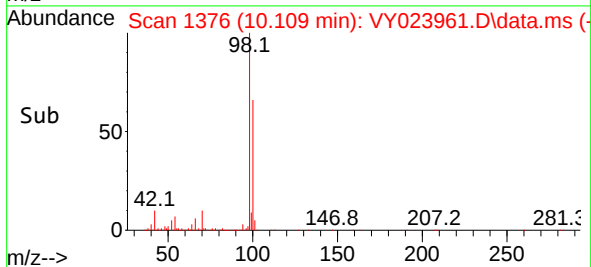
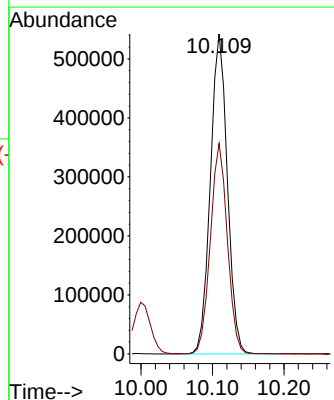
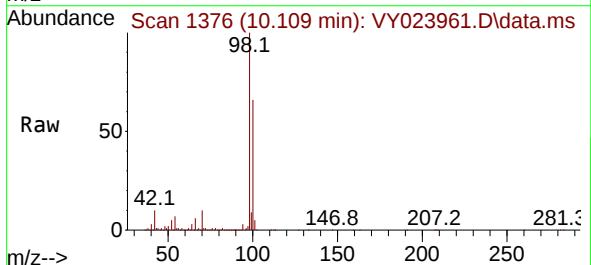
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

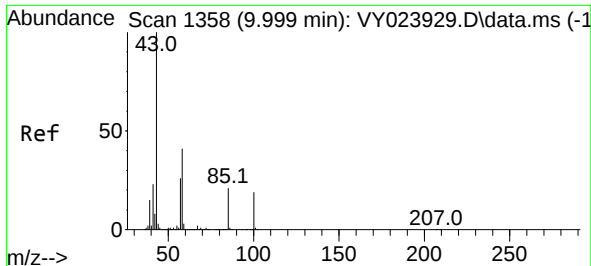
Tgt Ion: 88 Resp: 33485
Ion Ratio Lower Upper
88 100
43 25.5 22.3 33.5
58 59.1 52.3 78.5



#50
Toluene-d8
Concen: 49.672 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 98 Resp: 894326
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2

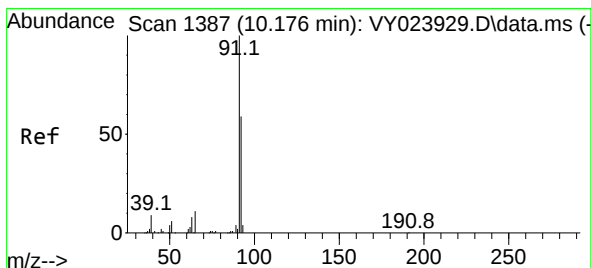
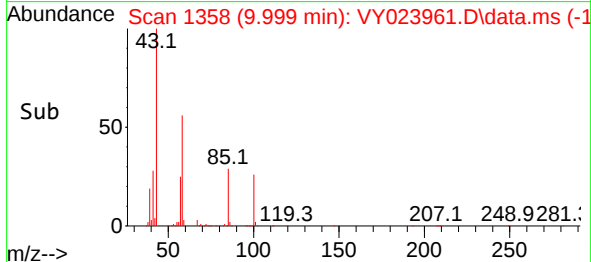
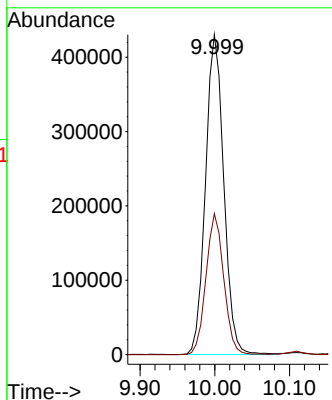
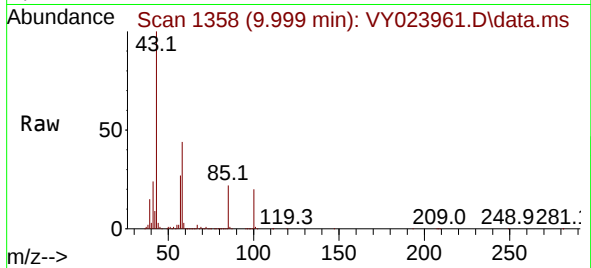




#51
4-Methyl-2-Pentanone
Concen: 272.256 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

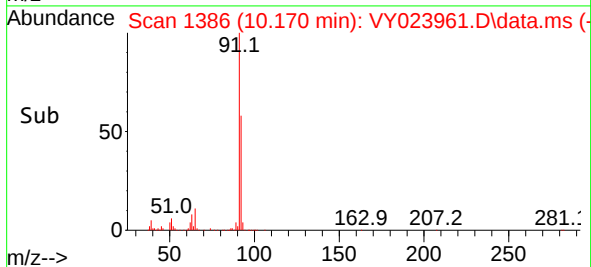
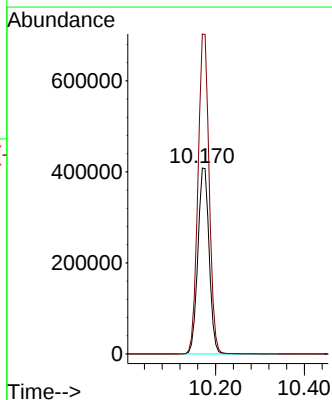
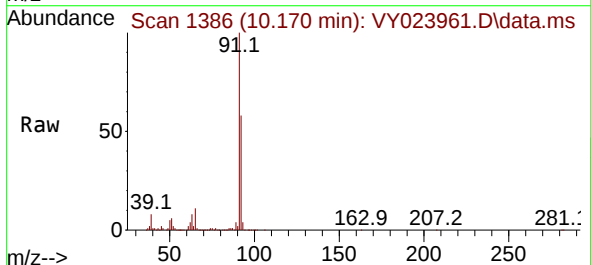
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

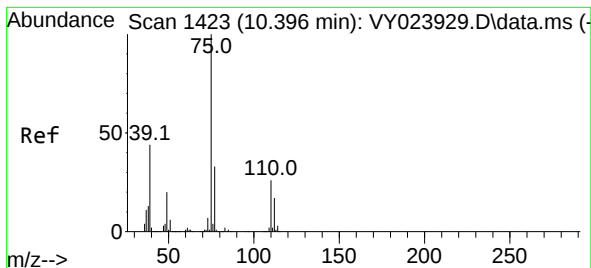
Tgt Ion: 43 Resp: 728349
Ion Ratio Lower Upper
43 100
58 43.1 33.1 49.7



#52
Toluene
Concen: 54.216 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 92 Resp: 719266
Ion Ratio Lower Upper
92 100
91 170.9 135.8 203.6

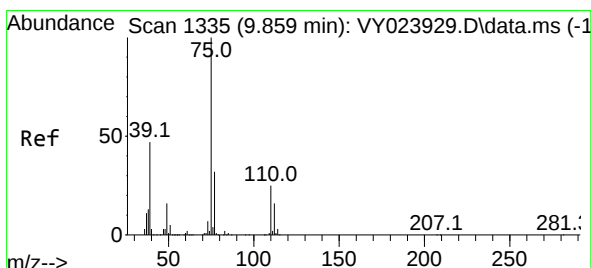
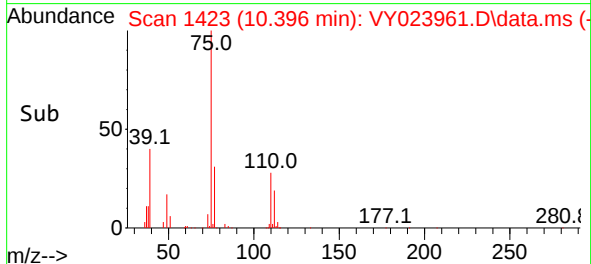
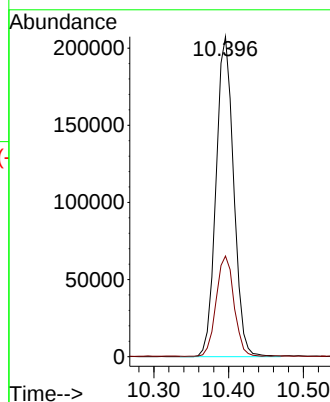
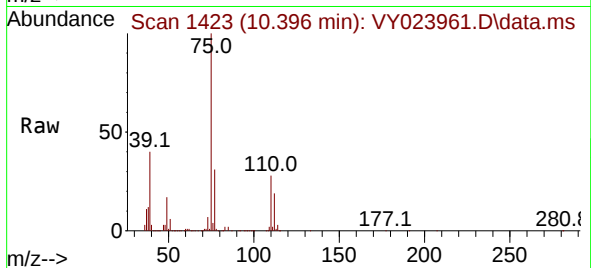




#53
 t-1,3-Dichloropropene
 Concen: 56.098 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY023961.D
 Acq: 11 Dec 2025 17:38

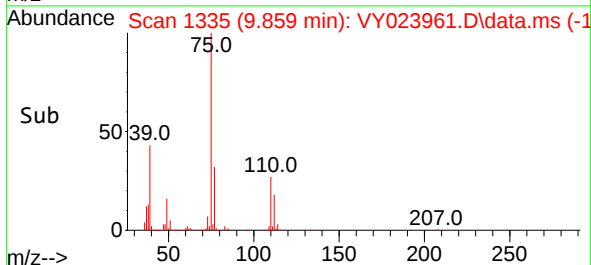
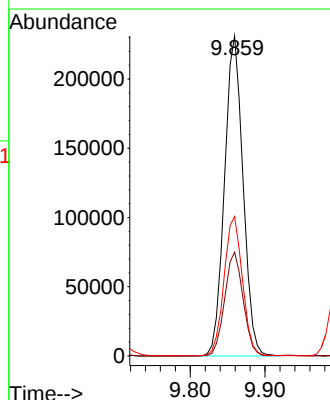
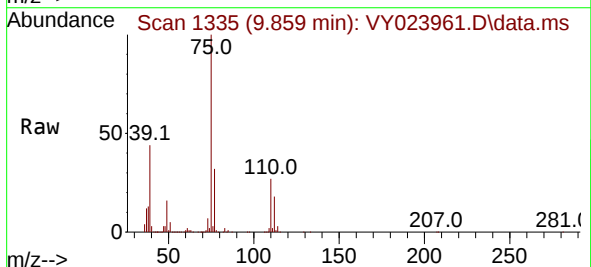
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

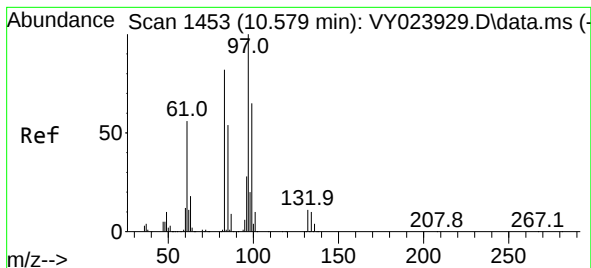
Tgt Ion: 75 Resp: 339770
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 55.876 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY023961.D
 Acq: 11 Dec 2025 17:38

Tgt Ion: 75 Resp: 398795
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 43.5 37.6 56.4





#55

1,1,2-Trichloroethane

Concen: 56.562 ug/l

RT: 10.573 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 207412

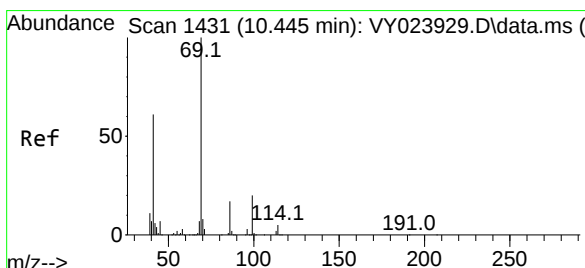
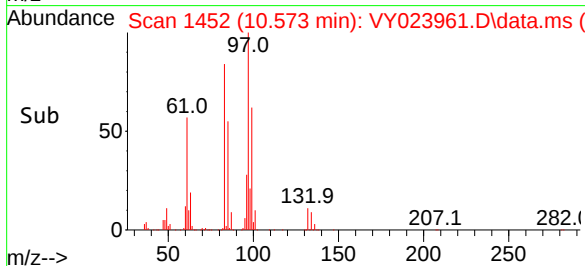
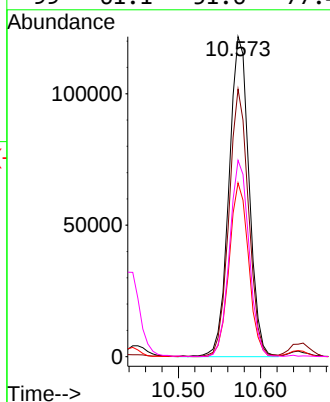
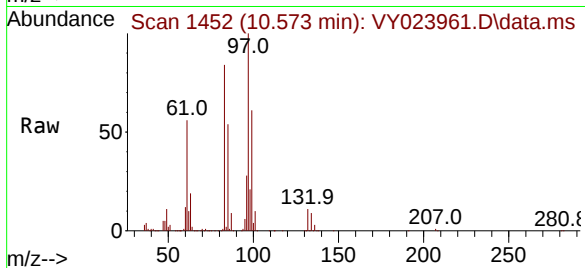
Ion Ratio Lower Upper

97 100

83 83.5 65.8 98.6

85 54.3 43.1 64.7

99 61.1 51.6 77.4



#56

Ethyl methacrylate

Concen: 59.539 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

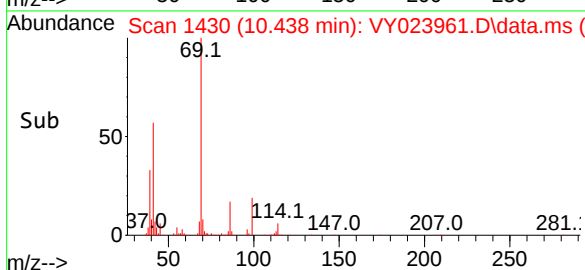
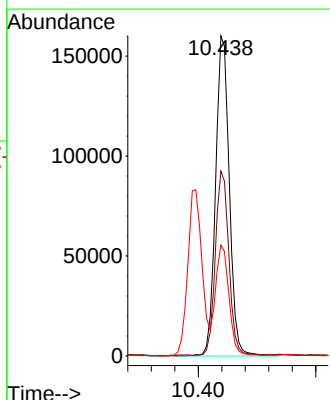
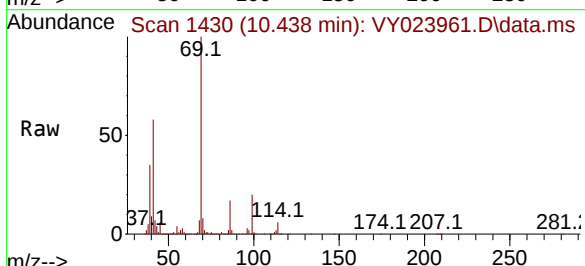
Tgt Ion: 69 Resp: 258828

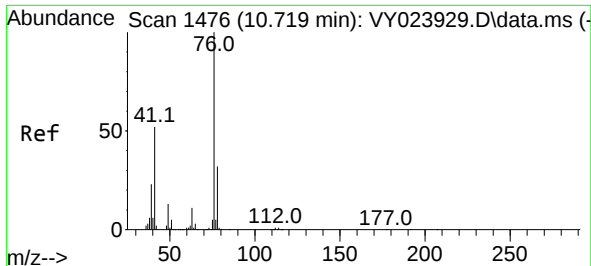
Ion Ratio Lower Upper

69 100

41 56.7 49.0 73.4

39 33.3 29.1 43.7





#57

1,3-Dichloropropane

Concen: 55.481 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

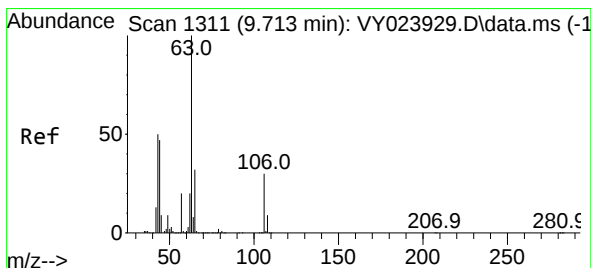
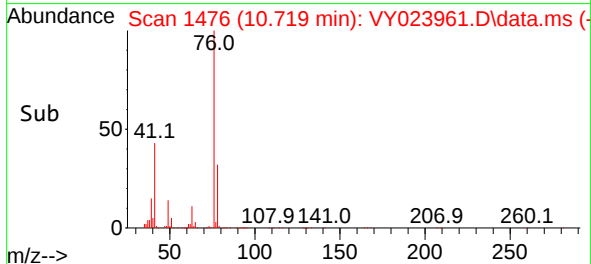
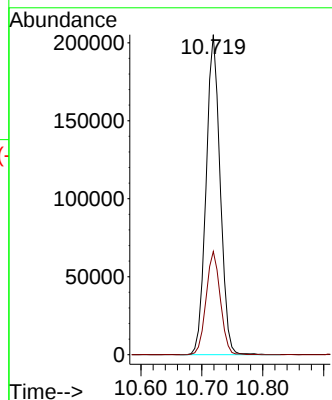
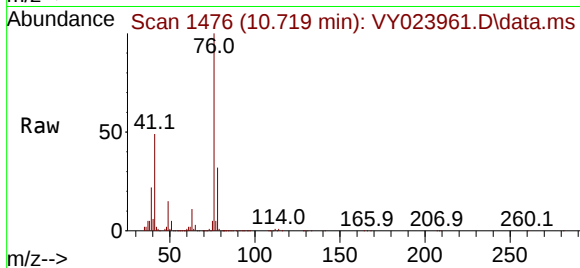
VSTDCCC050EC

Tgt Ion: 76 Resp: 329045

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 272.869 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023961.D

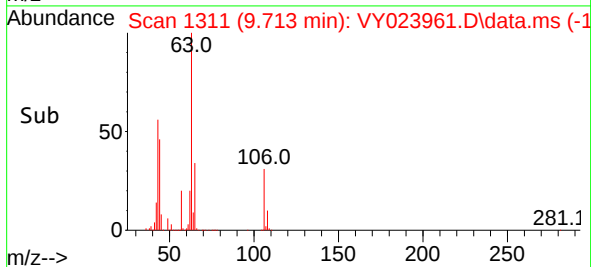
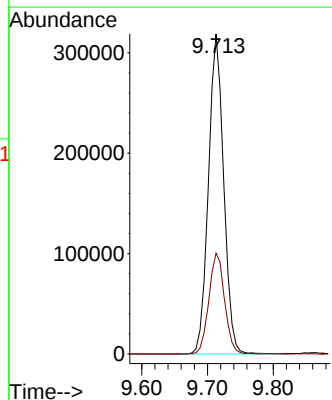
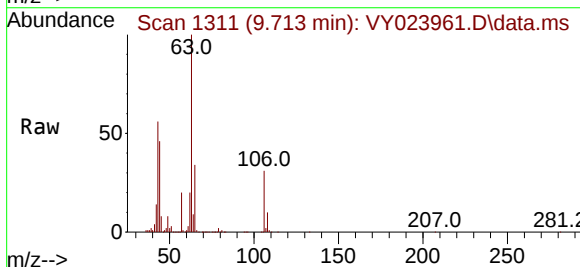
Acq: 11 Dec 2025 17:38

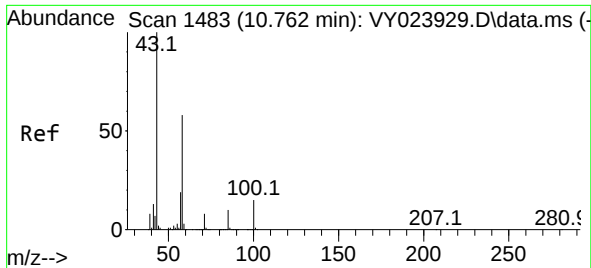
Tgt Ion: 63 Resp: 513820

Ion Ratio Lower Upper

63 100

106 32.4 25.2 37.8

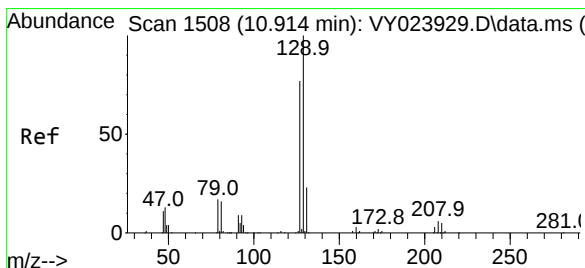
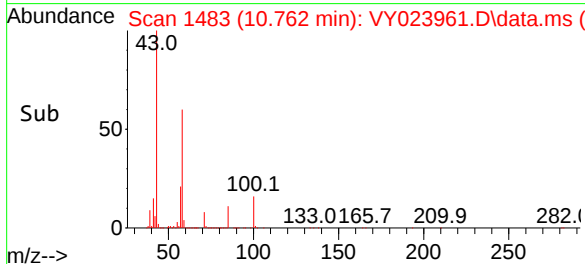
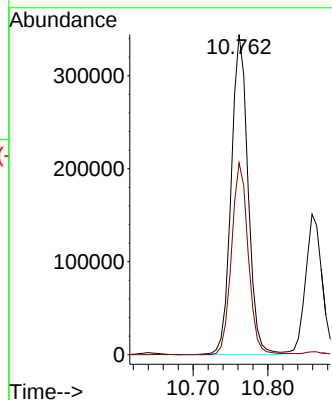
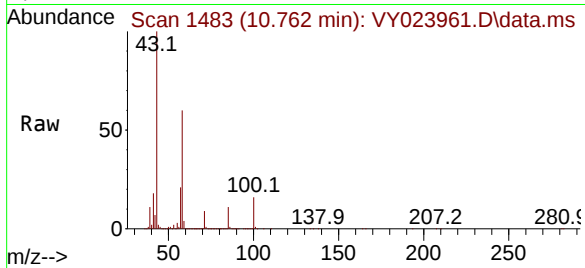




#59
2-Hexanone
Concen: 265.121 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

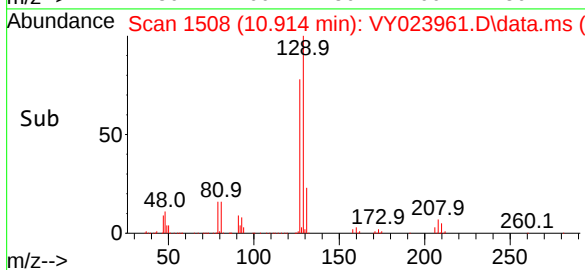
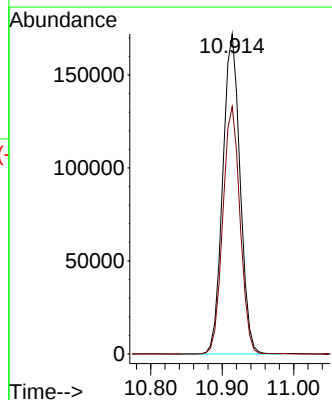
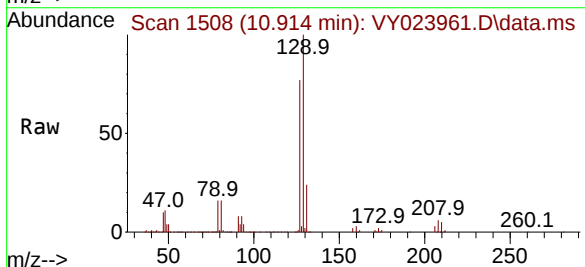
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

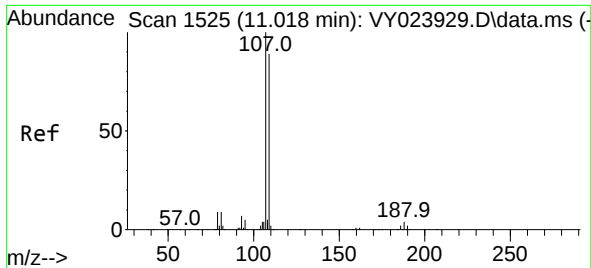
Tgt Ion: 43 Resp: 538297
Ion Ratio Lower Upper
43 100
58 59.6 29.0 87.0



#60
Dibromochloromethane
Concen: 56.874 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 129 Resp: 288744
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5

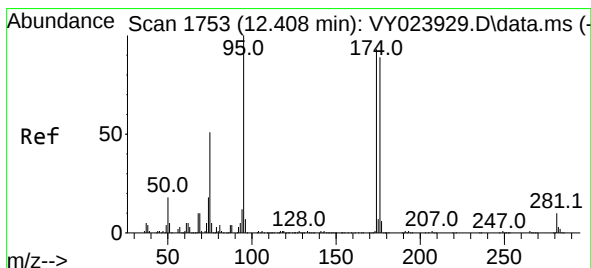
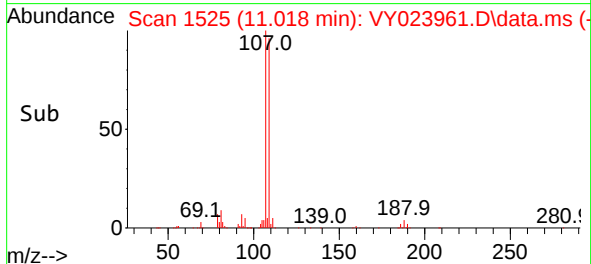
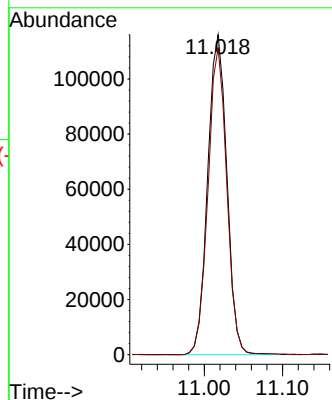
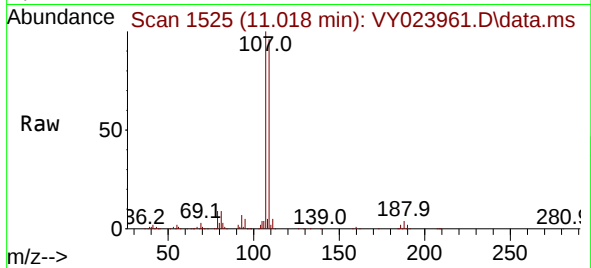




#61
1,2-Dibromoethane
Concen: 57.884 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

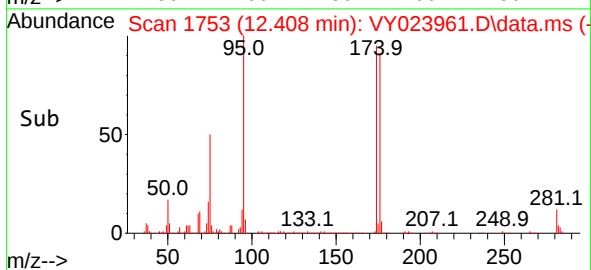
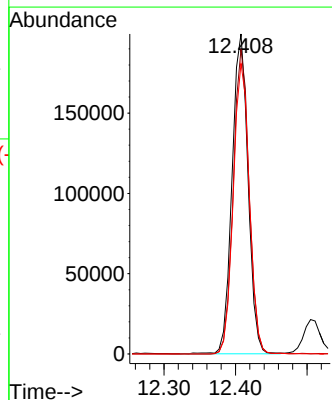
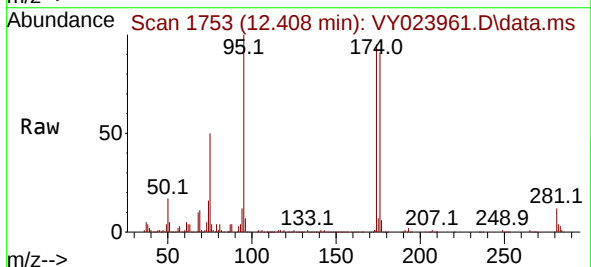
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

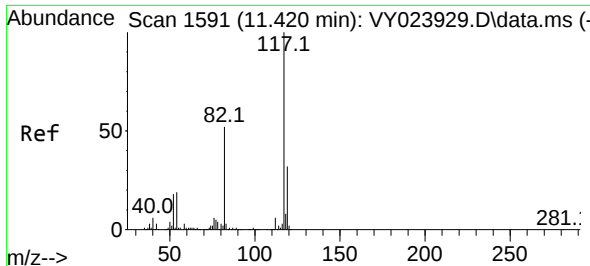
Tgt Ion:107 Resp: 196690
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 51.335 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 95 Resp: 308667
Ion Ratio Lower Upper
95 100
174 94.2 0.0 187.4
176 91.5 0.0 179.6

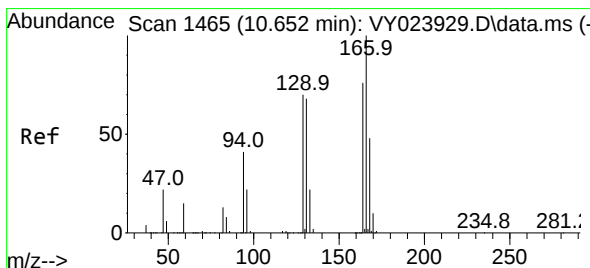
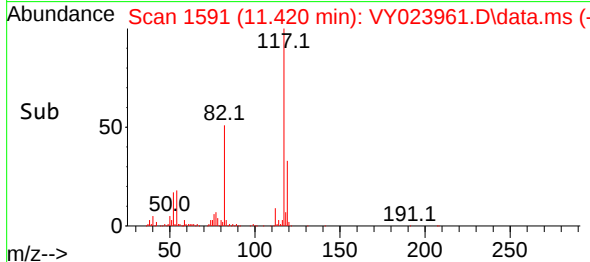
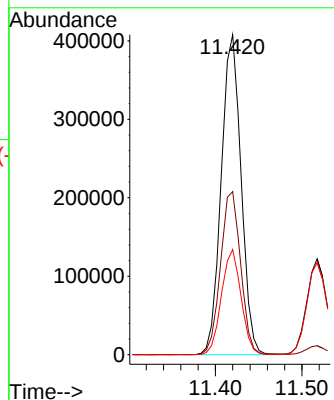
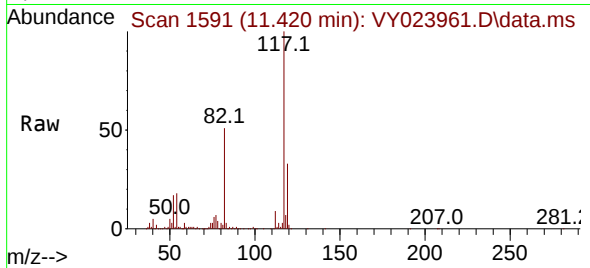




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

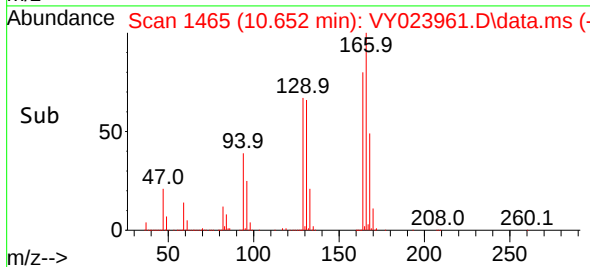
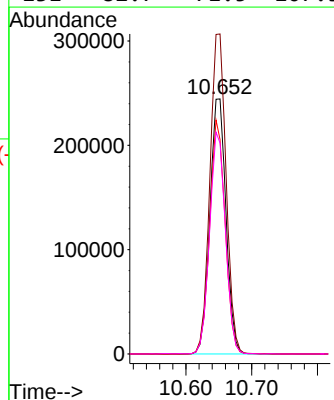
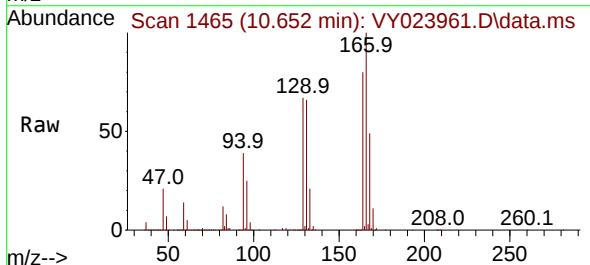
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

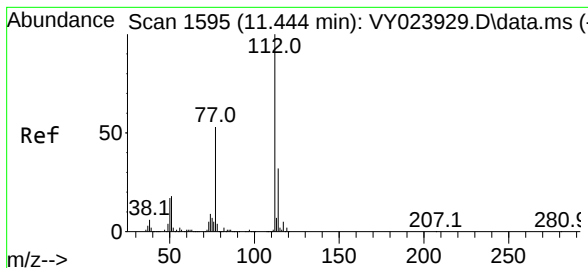
Tgt Ion:117 Resp: 649168
Ion Ratio Lower Upper
117 100
82 50.9 41.4 62.2
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 59.966 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:164 Resp: 418200
Ion Ratio Lower Upper
164 100
166 125.5 105.0 157.4
129 84.0 73.0 109.4
131 82.7 71.5 107.3

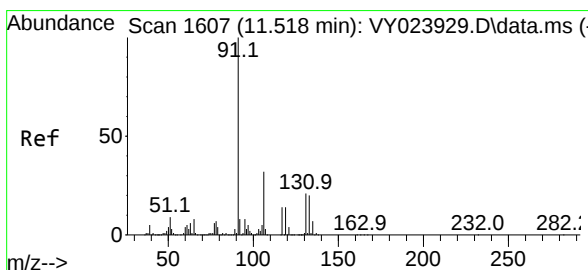
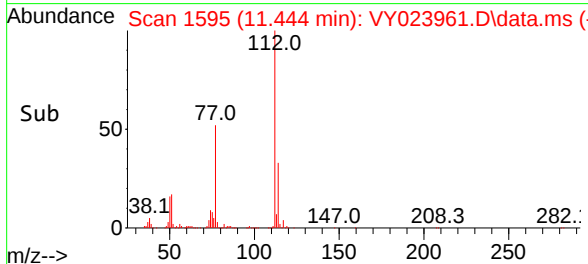
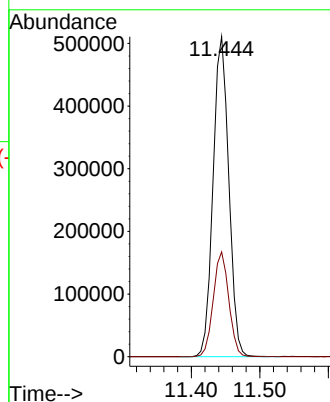
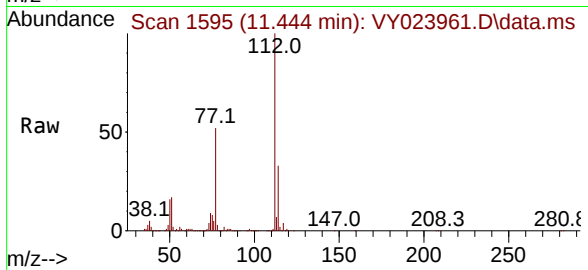




#65
Chlorobenzene
Concen: 53.967 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

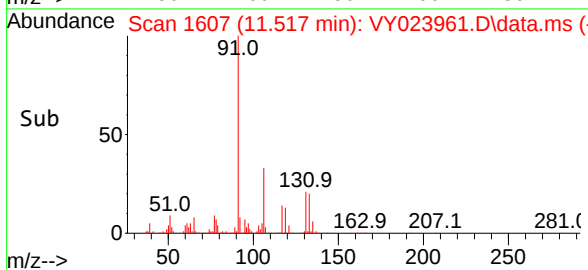
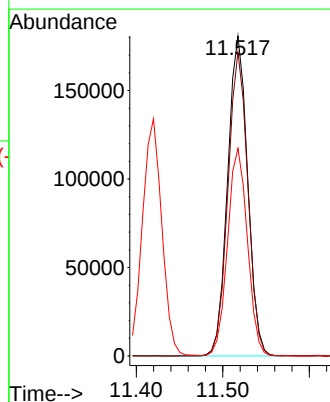
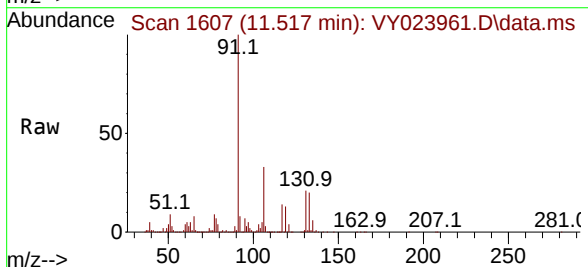
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

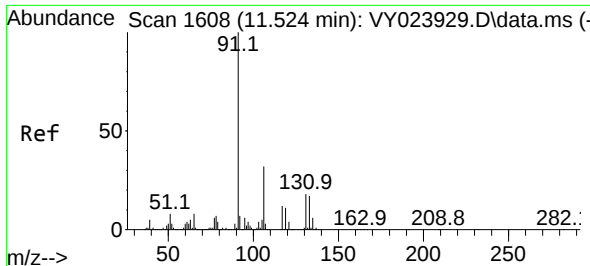
Tgt Ion:112 Resp: 811790
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.929 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:131 Resp: 289779
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.3
119 64.6 33.1 99.2

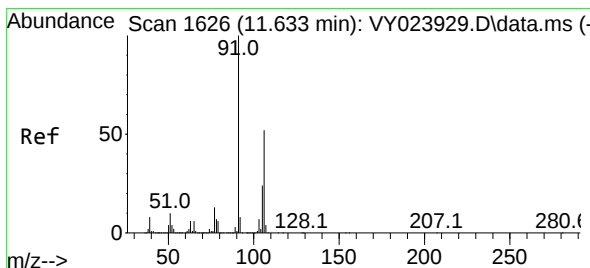
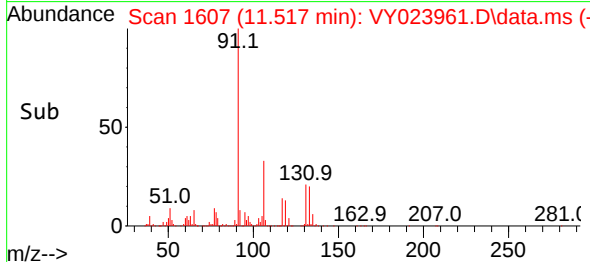
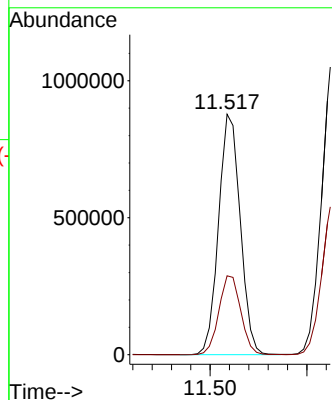
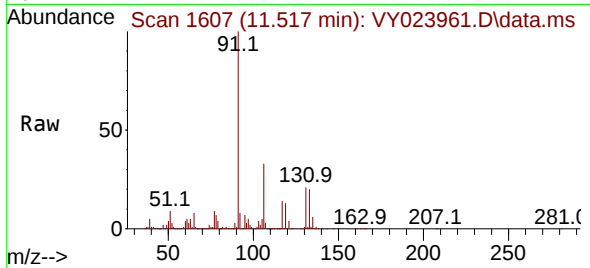




#67
Ethyl Benzene
Concen: 54.102 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

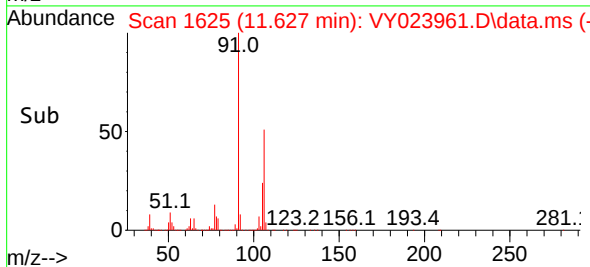
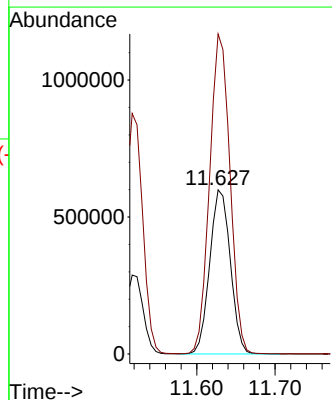
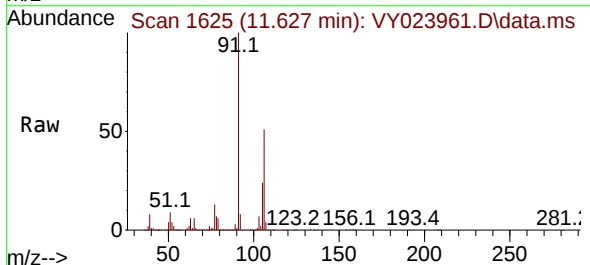
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

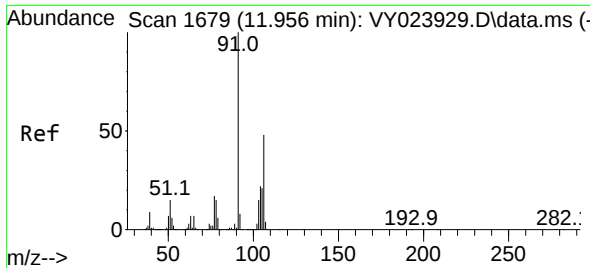
Tgt Ion: 91 Resp: 1363576
Ion Ratio Lower Upper
91 100
106 32.8 25.8 38.8



#68
m/p-Xylenes
Concen: 109.314 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:106 Resp: 1093699
Ion Ratio Lower Upper
106 100
91 193.1 155.0 232.6

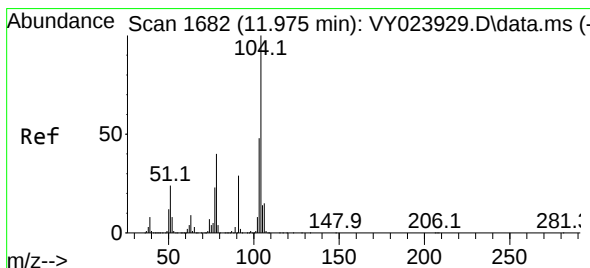
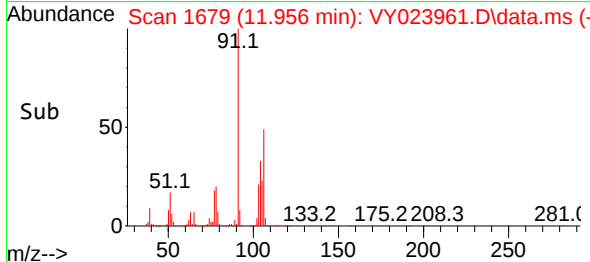
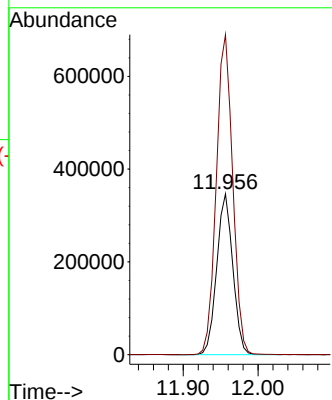
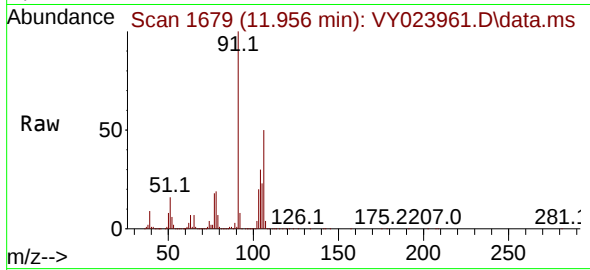




#69
o-Xylene
Concen: 55.521 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

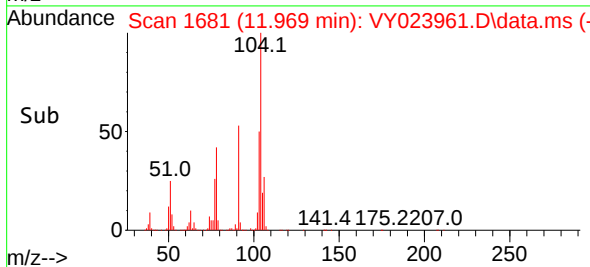
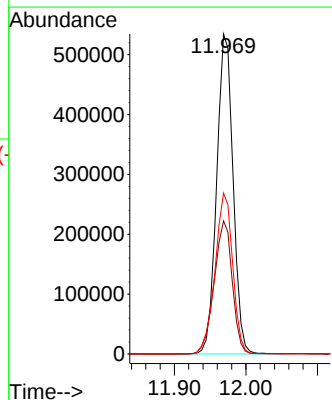
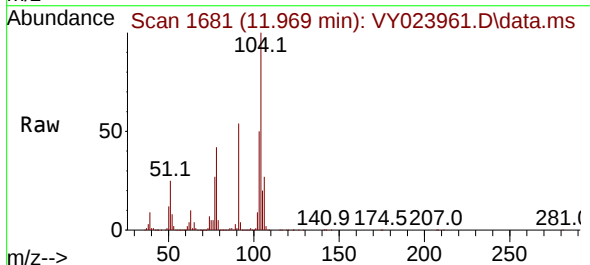
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

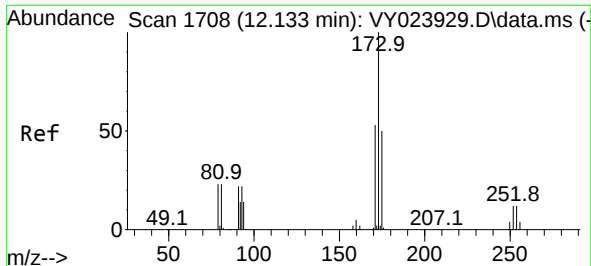
Tgt Ion:106 Resp: 519643
Ion Ratio Lower Upper
106 100
91 203.0 102.1 306.1



#70
Styrene
Concen: 56.329 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:104 Resp: 851700
Ion Ratio Lower Upper
104 100
78 45.9 37.4 56.0
103 54.2 43.0 64.4

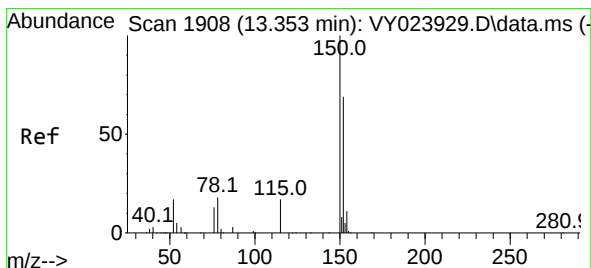
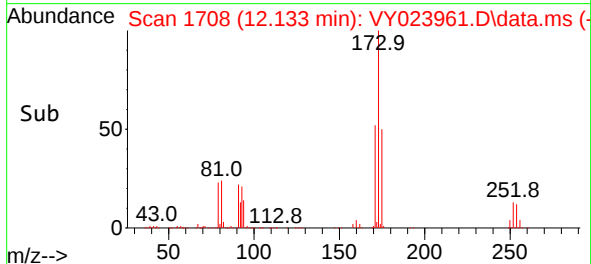
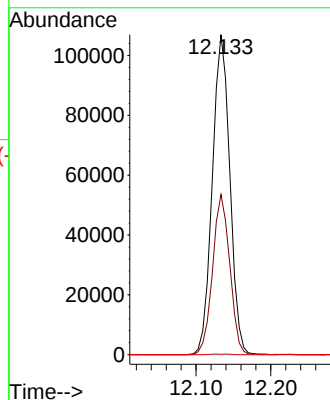
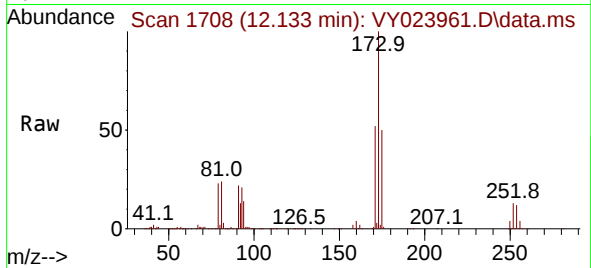




#71
Bromoform
Concen: 56.011 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

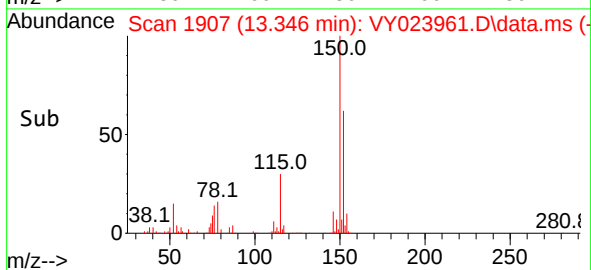
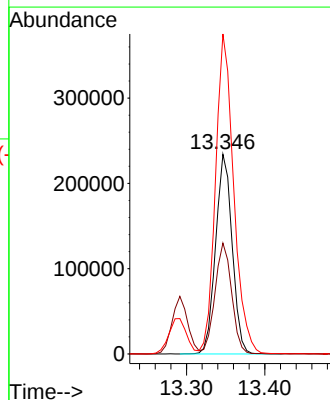
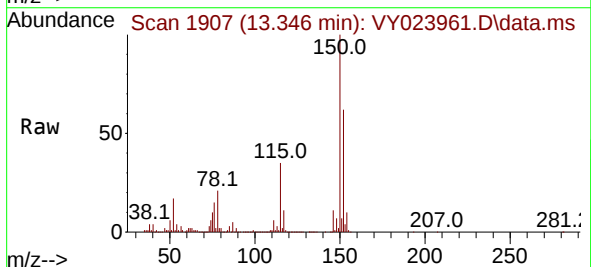
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

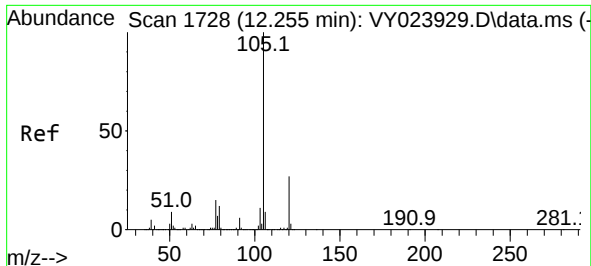
Tgt Ion:173 Resp: 174138
Ion Ratio Lower Upper
173 100
175 48.9 24.9 74.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:152 Resp: 344634
Ion Ratio Lower Upper
152 100
115 55.9 27.3 81.9
150 175.5 0.0 347.6

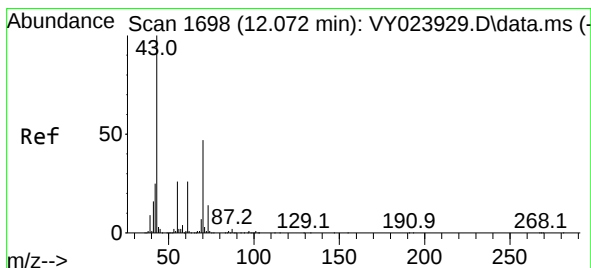
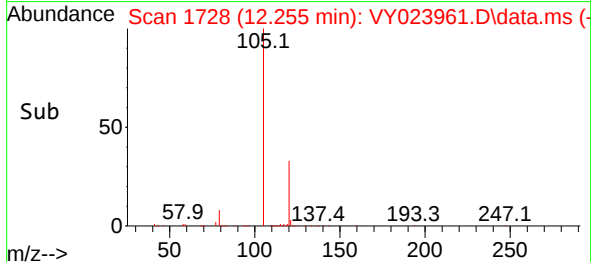
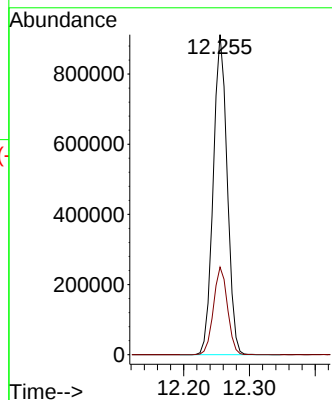
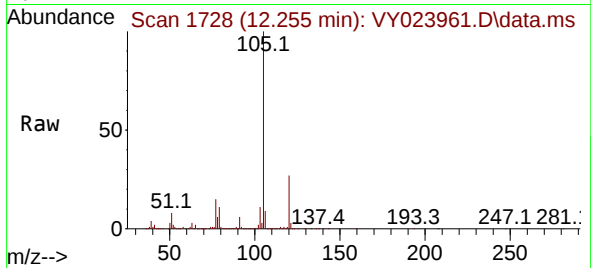




#73
Isopropylbenzene
Concen: 53.533 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

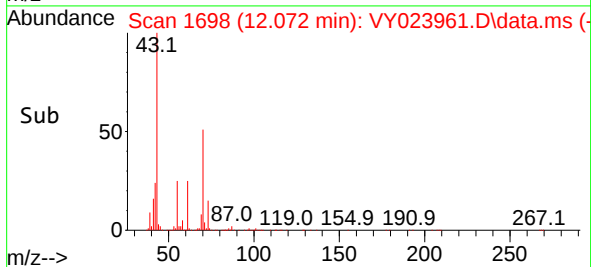
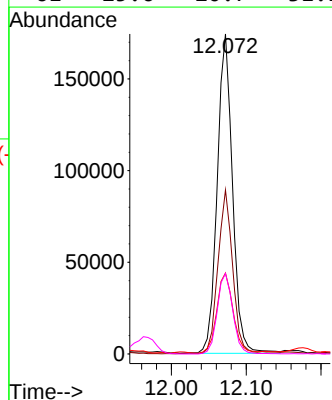
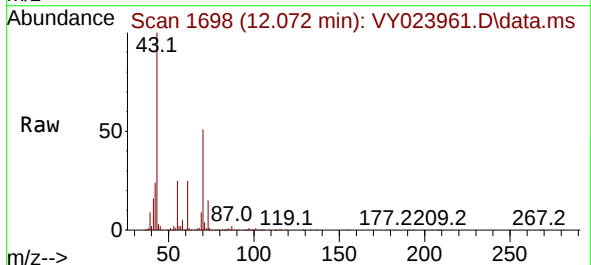
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

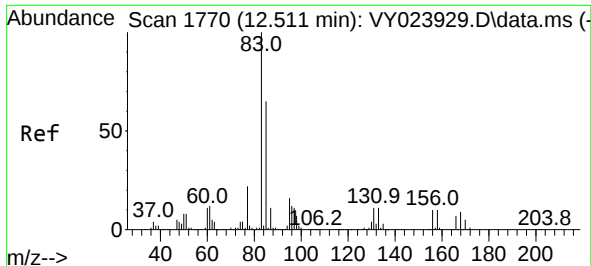
Tgt Ion:105 Resp: 1348309
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.0



#74
N-ethyl acetate
Concen: 55.621 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 43 Resp: 248487
Ion Ratio Lower Upper
43 100
70 49.1 37.4 56.0
55 26.9 21.6 32.4
61 25.6 20.7 31.1

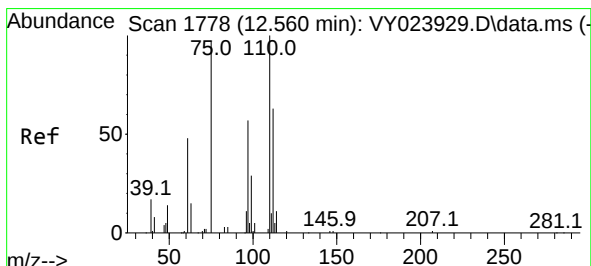
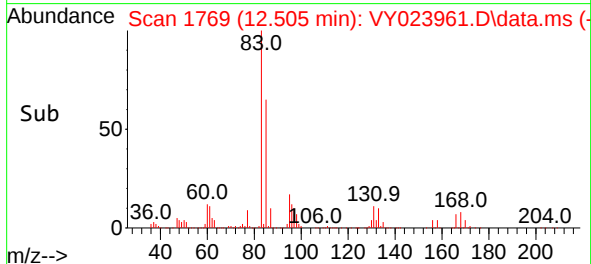
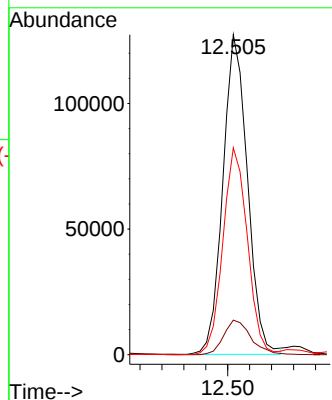
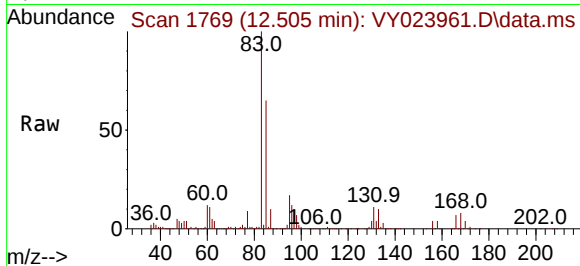




#75
1,1,2,2-Tetrachloroethane
Concen: 51.589 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

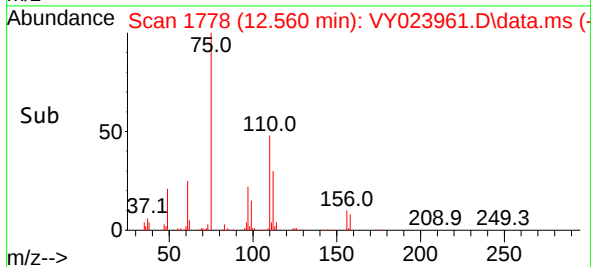
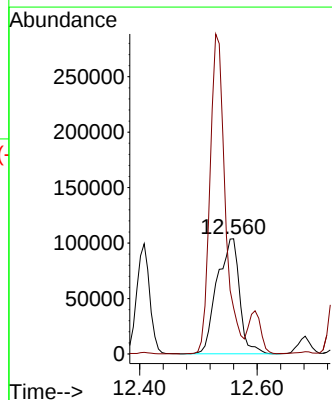
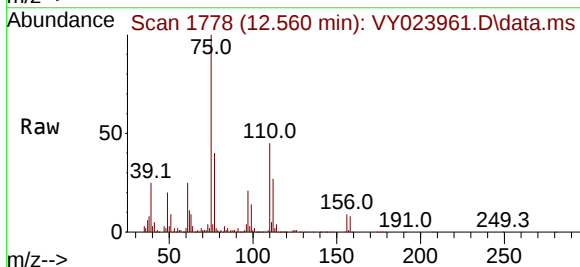
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

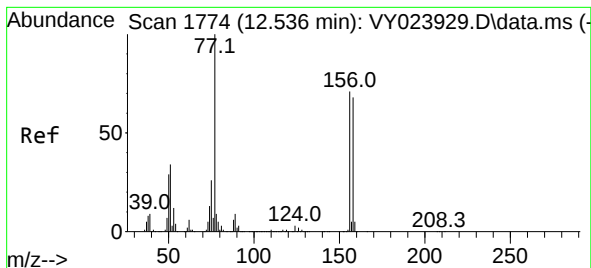
Tgt Ion: 83 Resp: 197845
Ion Ratio Lower Upper
83 100
131 12.0 5.6 16.8
85 64.8 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 94.626 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 75 Resp: 275858
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.960 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

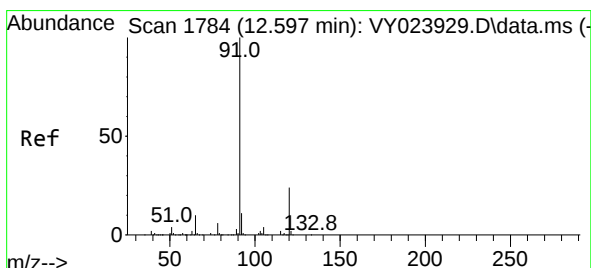
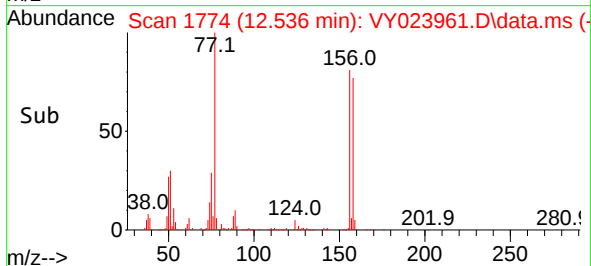
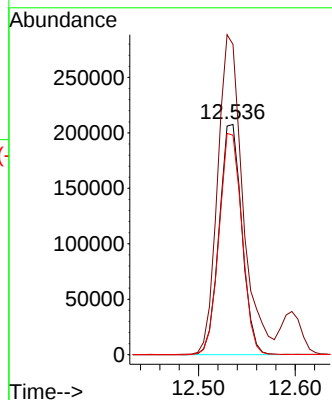
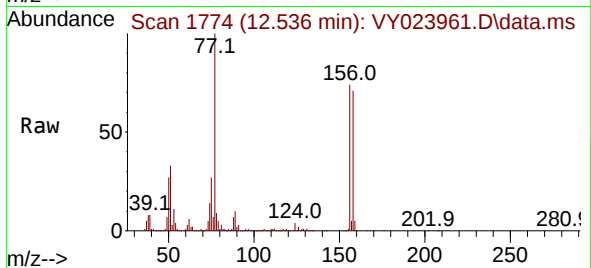
Tgt Ion:156 Resp: 337214

Ion Ratio Lower Upper

156 100

77 154.3 79.8 239.4

158 97.0 48.0 144.2



#78

n-propylbenzene

Concen: 52.587 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023961.D

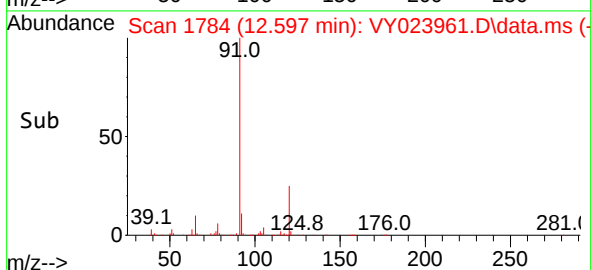
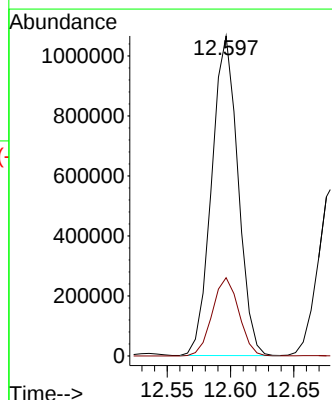
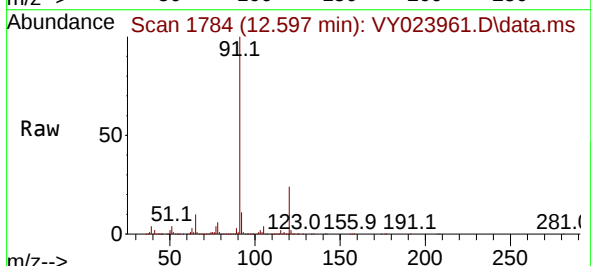
Acq: 11 Dec 2025 17:38

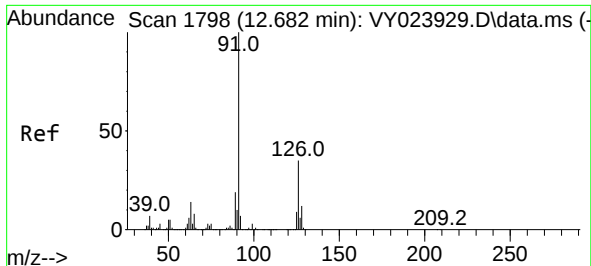
Tgt Ion: 91 Resp: 1541001

Ion Ratio Lower Upper

91 100

120 24.8 12.0 36.0





#79

2-Chlorotoluene

Concen: 52.928 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

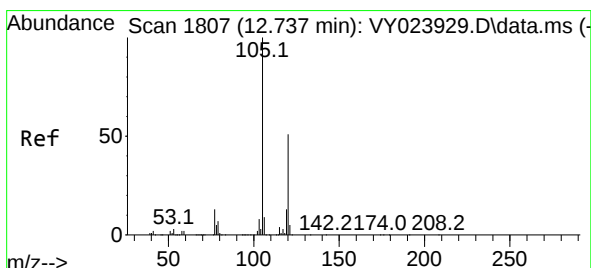
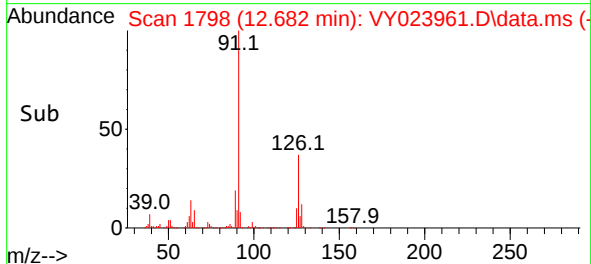
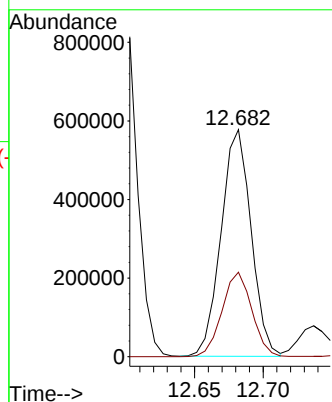
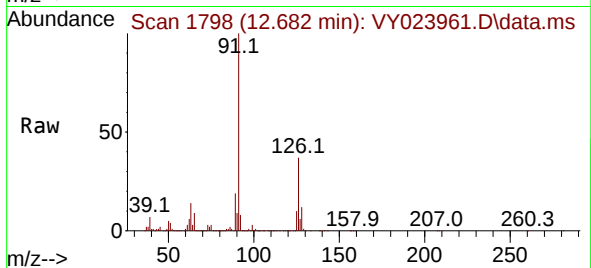
VSTDCCC050EC

Tgt Ion: 91 Resp: 881033

Ion Ratio Lower Upper

91 100

126 36.9 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 53.861 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY023961.D

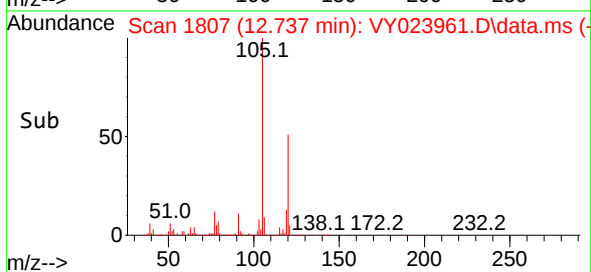
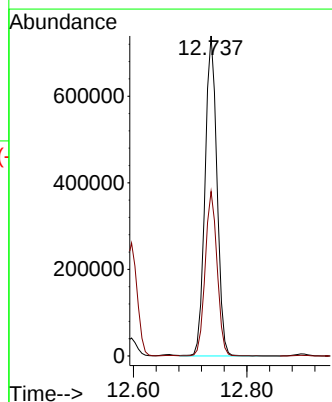
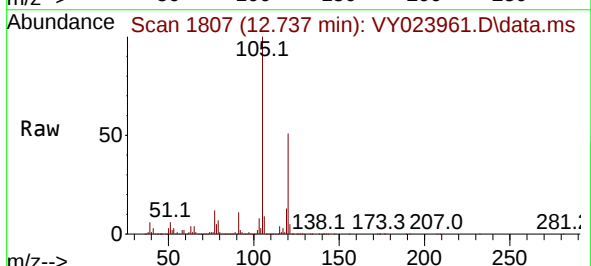
Acq: 11 Dec 2025 17:38

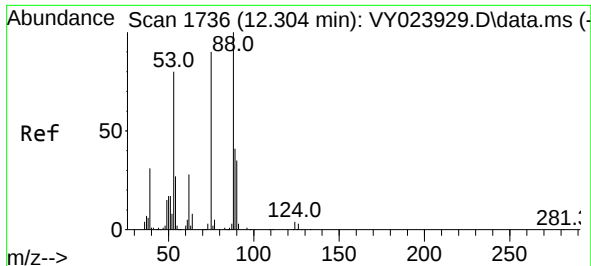
Tgt Ion: 105 Resp: 1082249

Ion Ratio Lower Upper

105 100

120 51.1 25.7 77.1

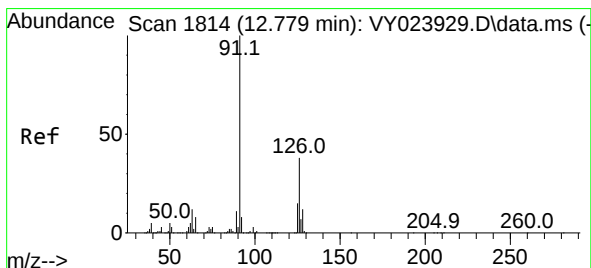
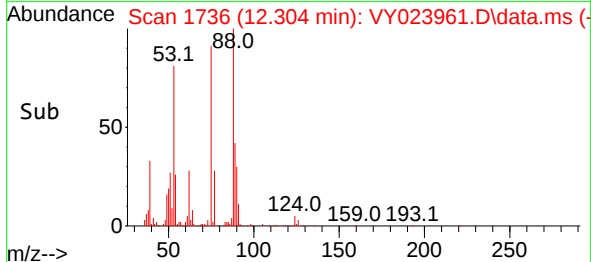
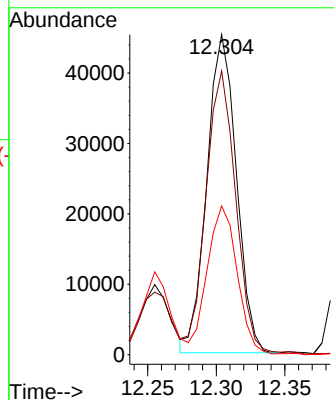
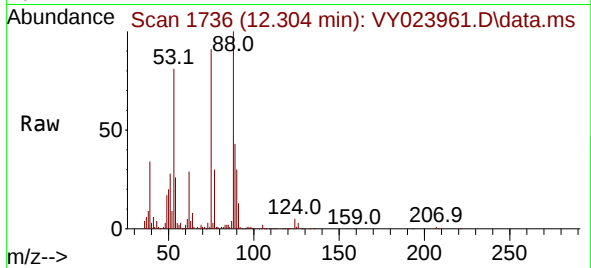




#81
trans-1,4-Dichloro-2-butene
Concen: 52.757 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

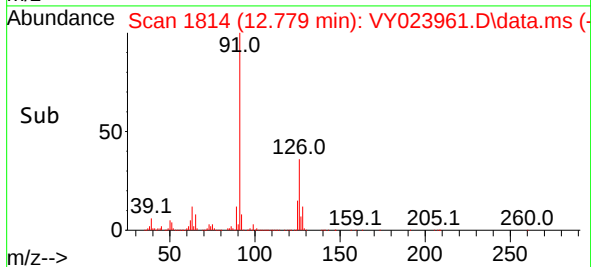
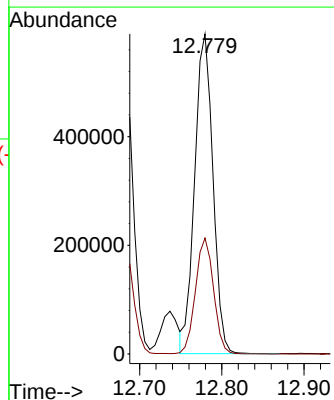
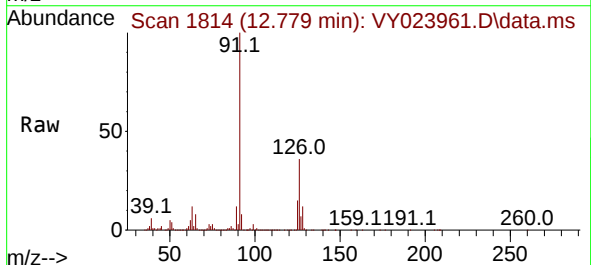
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

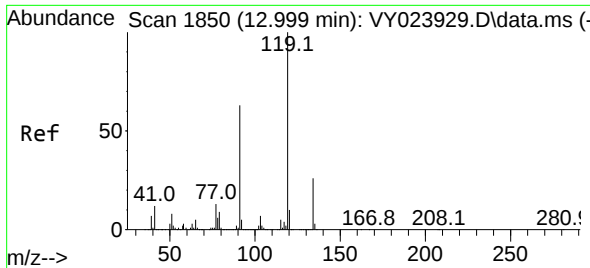
Tgt Ion: 75 Resp: 67567
Ion Ratio Lower Upper
75 100
53 90.0 73.4 110.0
89 47.0 38.9 58.3



#82
4-Chlorotoluene
Concen: 52.989 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion: 91 Resp: 908006
Ion Ratio Lower Upper
91 100
126 35.9 18.1 54.1

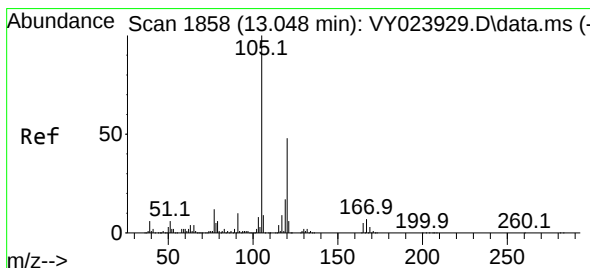
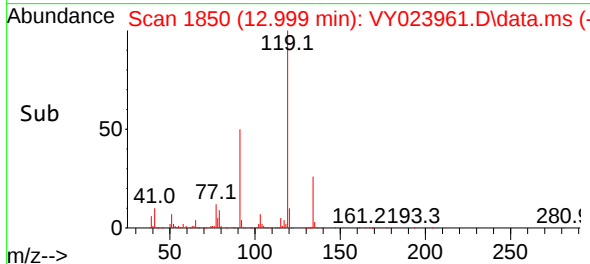
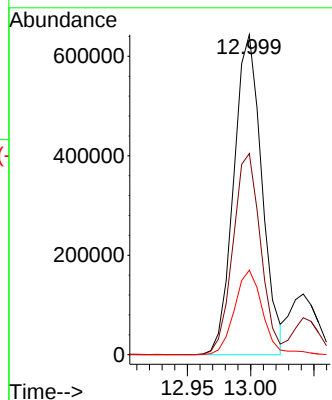
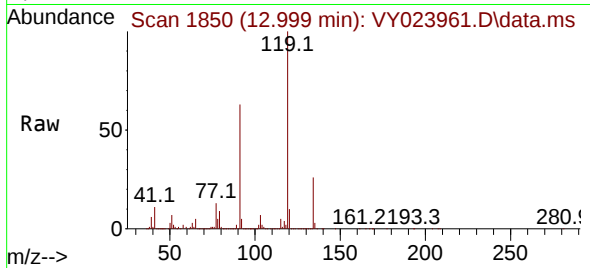




#83
tert-Butylbenzene
Concen: 53.708 ug/l
RT: 12.999 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

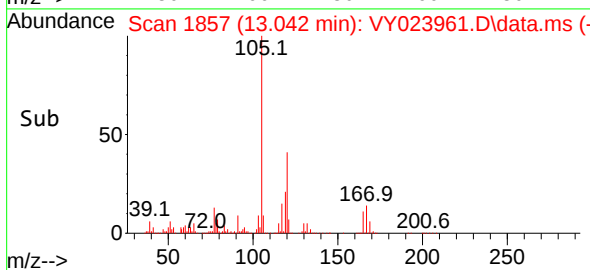
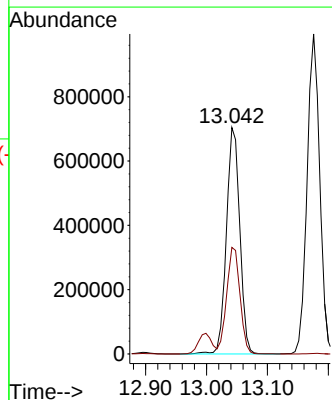
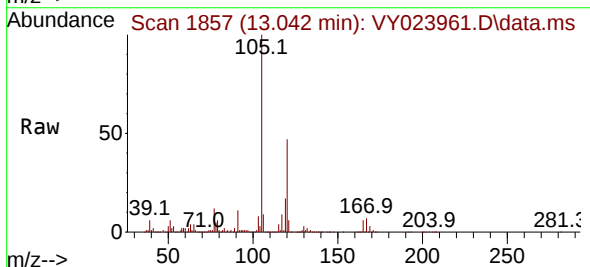
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

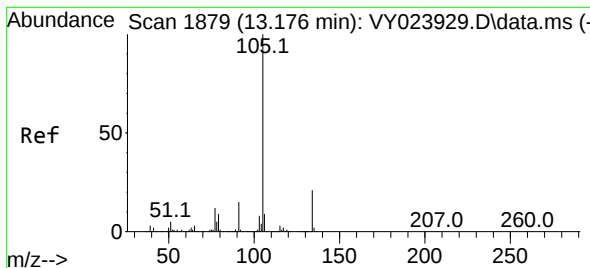
Tgt Ion:119 Resp: 997106
Ion Ratio Lower Upper
119 100
91 61.7 31.6 94.7
134 26.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 53.811 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:105 Resp: 1071100
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.3





#85

sec-Butylbenzene

Concen: 52.781 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

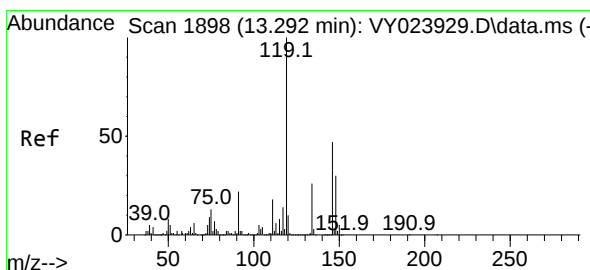
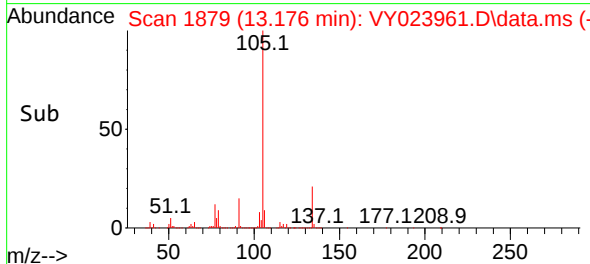
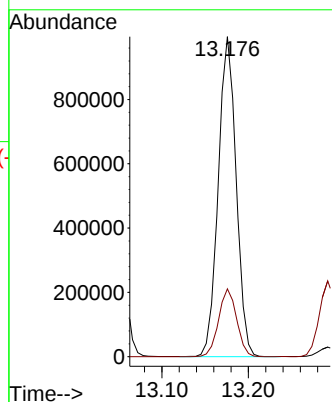
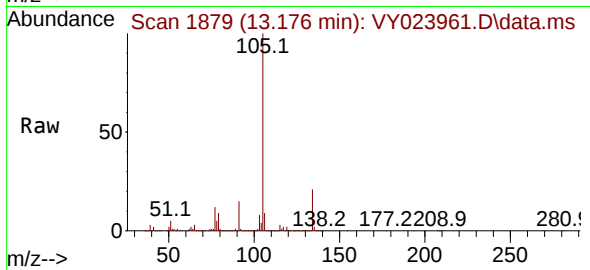
VSTDCCC050EC

Tgt Ion:105 Resp: 1429402

Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8



#86

p-Isopropyltoluene

Concen: 53.099 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

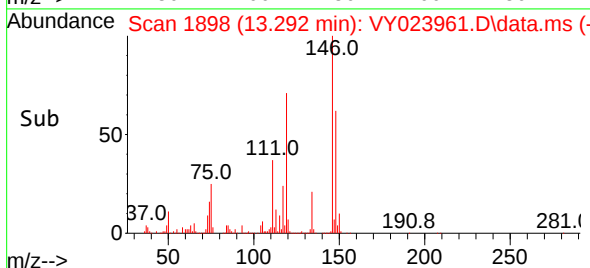
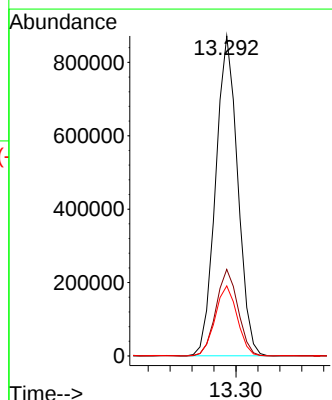
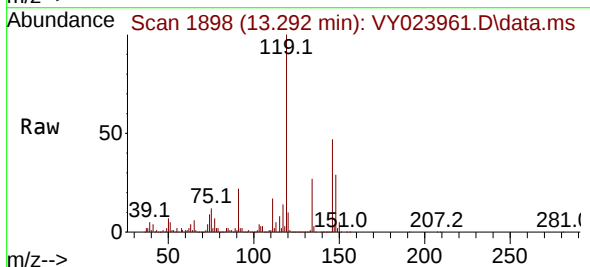
Tgt Ion:119 Resp: 1217227

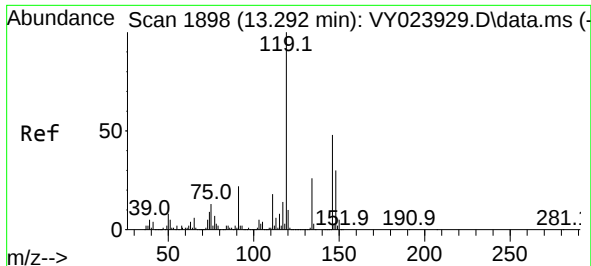
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 21.9 11.1 33.3

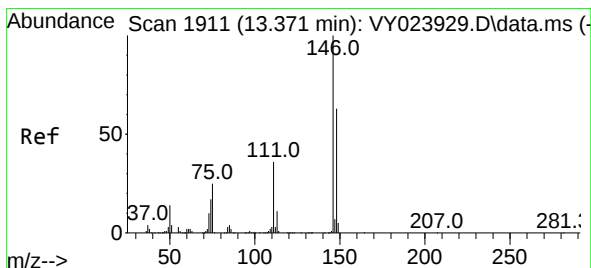
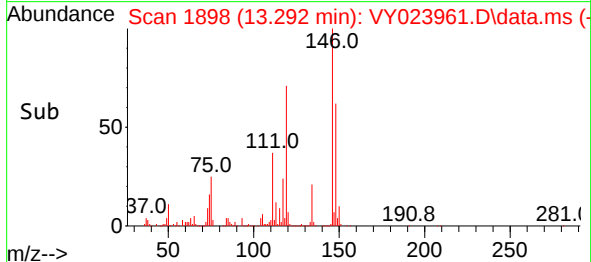
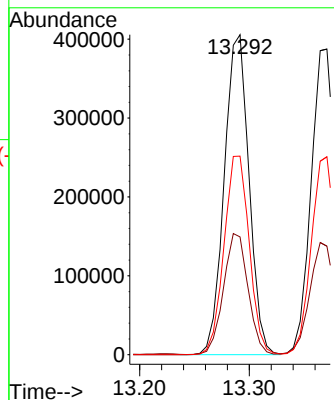
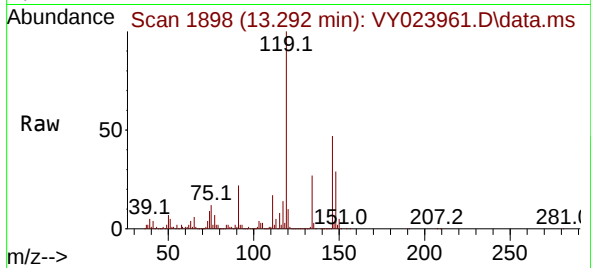




#87
1,3-Dichlorobenzene
Concen: 52.416 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

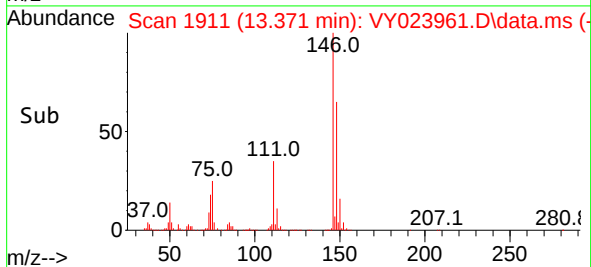
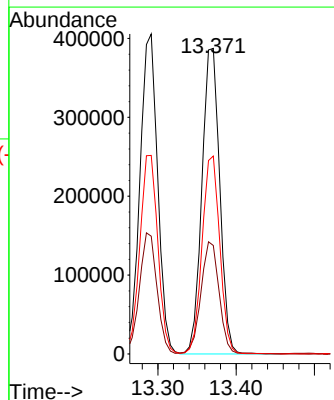
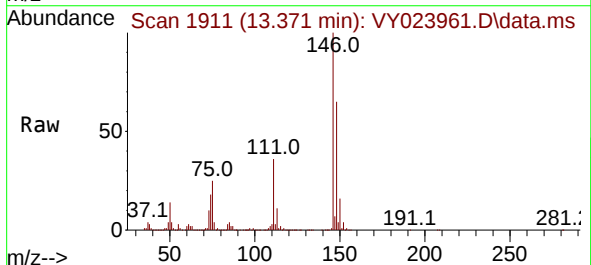
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

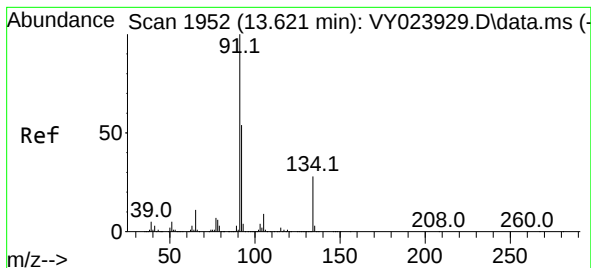
Tgt Ion:146 Resp: 636131
Ion Ratio Lower Upper
146 100
111 37.5 18.9 56.9
148 63.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 51.127 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:146 Resp: 611633
Ion Ratio Lower Upper
146 100
111 37.4 18.4 55.0
148 64.4 31.9 95.9





#89

n-Butylbenzene

Concen: 51.776 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

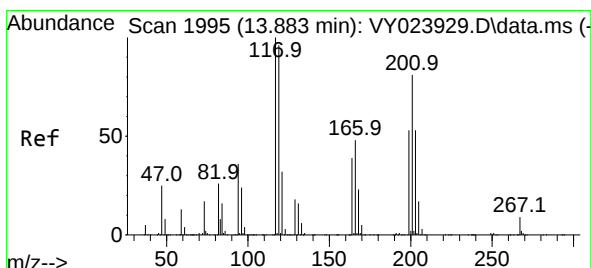
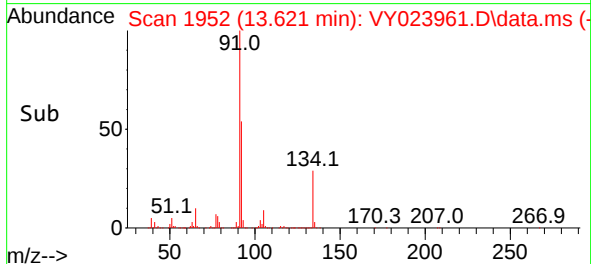
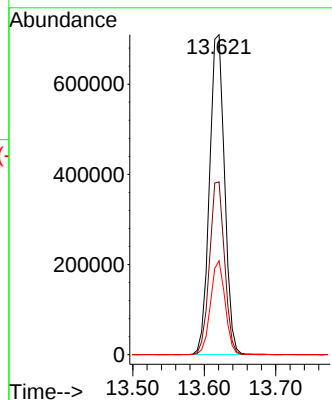
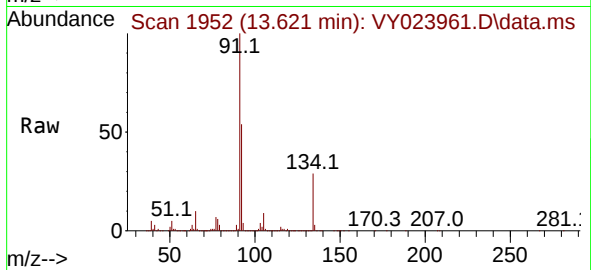
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1038413

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.9	80.6
134	28.4	13.9	41.6



#90

Hexachloroethane

Concen: 52.568 ug/l

RT: 13.883 min Scan# 1995

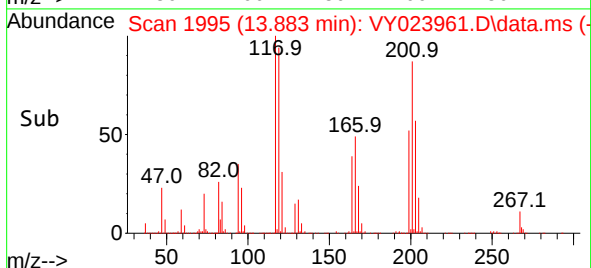
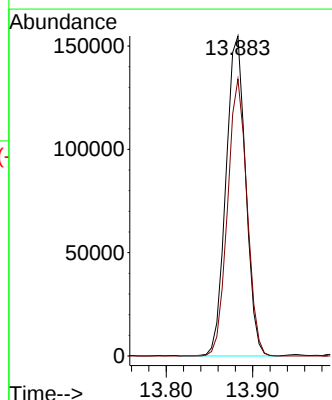
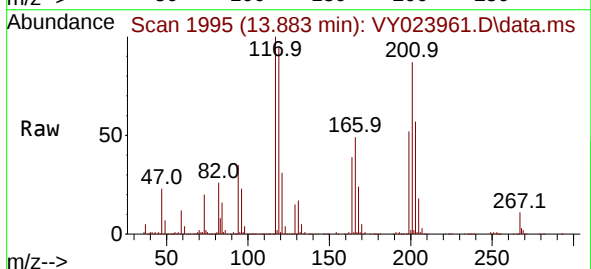
Delta R.T. -0.000 min

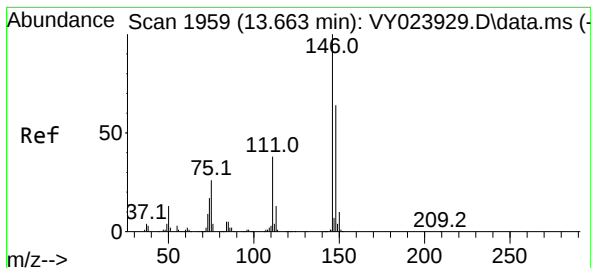
Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Tgt Ion: 117 Resp: 245902

Ion	Ratio	Lower	Upper
117	100		
201	85.0	42.4	127.3





#91

1,2-Dichlorobenzene

Concen: 52.594 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

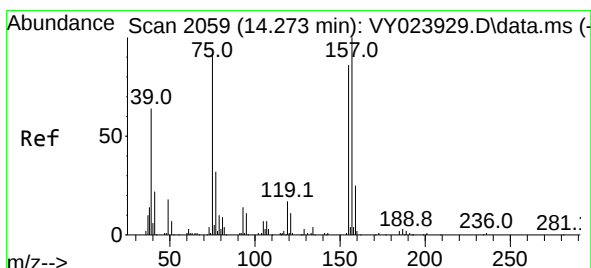
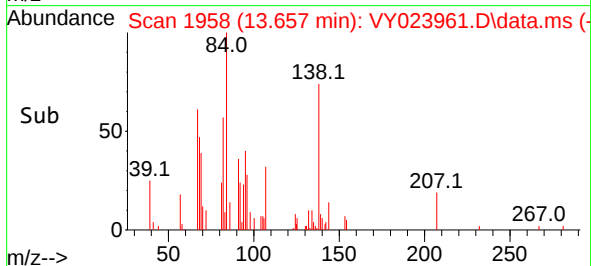
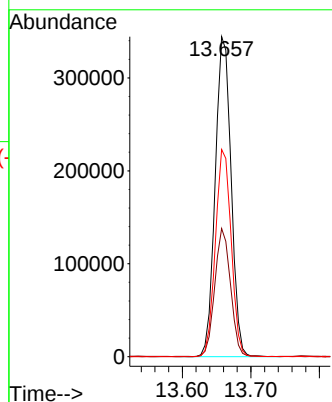
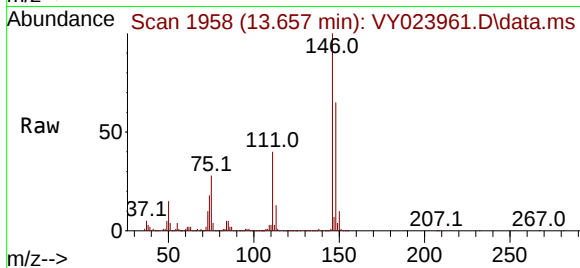
Tgt Ion:146 Resp: 553024

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

148 64.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.196 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

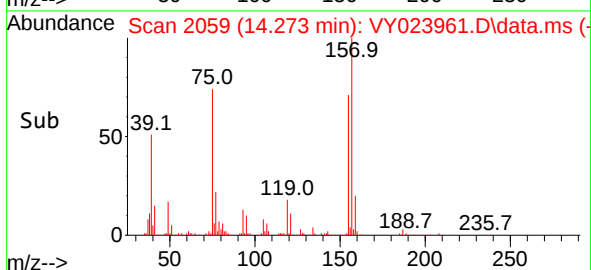
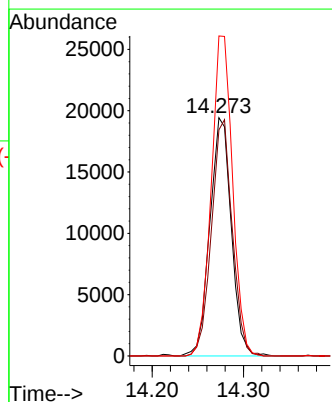
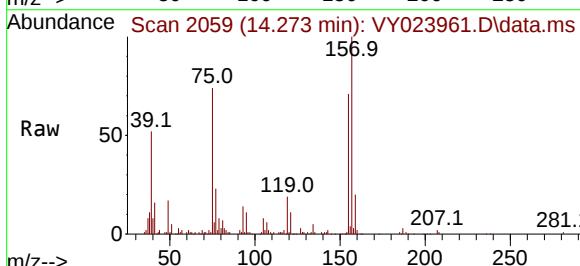
Tgt Ion: 75 Resp: 31587

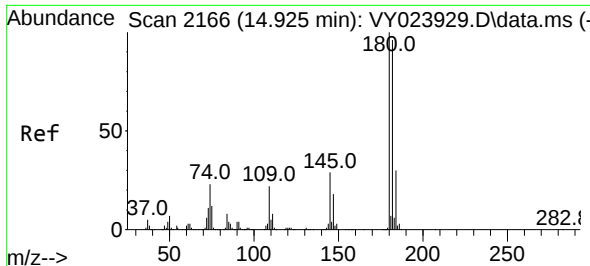
Ion Ratio Lower Upper

75 100

155 96.3 50.2 150.7

157 133.5 62.8 188.5

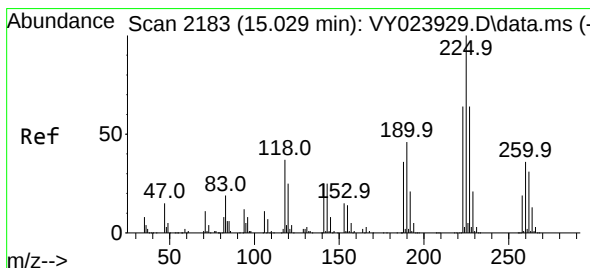
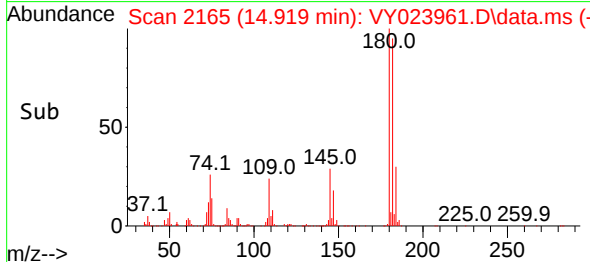
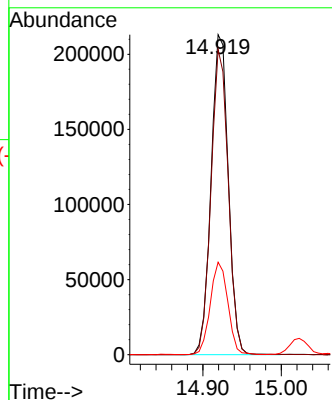
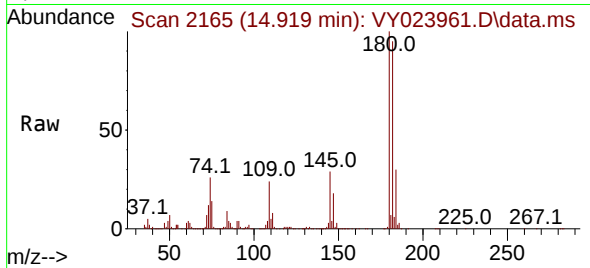




#93
1,2,4-Trichlorobenzene
Concen: 52.699 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

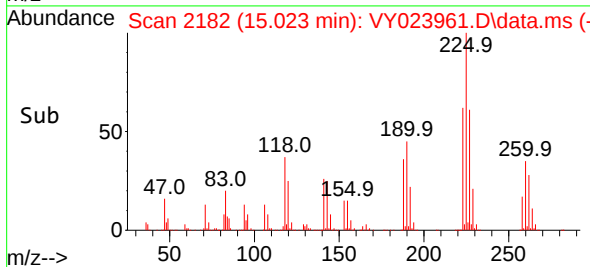
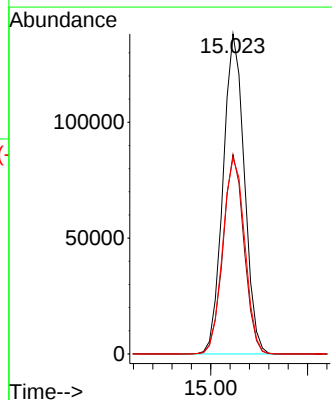
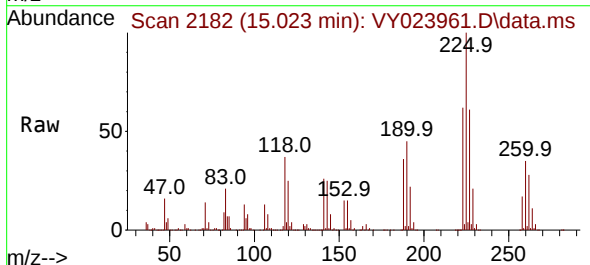
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

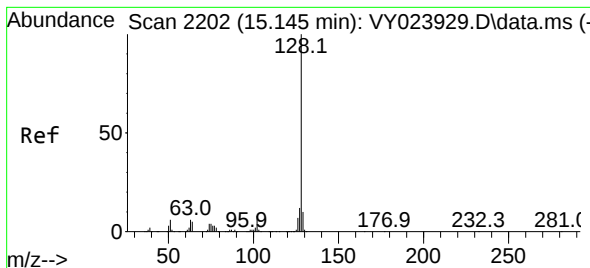
Tgt Ion:180 Resp: 325677
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 29.3 14.8 44.4



#94
Hexachlorobutadiene
Concen: 52.069 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.006 min
Lab File: VY023961.D
Acq: 11 Dec 2025 17:38

Tgt Ion:225 Resp: 210925
Ion Ratio Lower Upper
225 100
223 61.3 31.6 95.0
227 63.4 31.7 95.1





#95

Naphthalene

Concen: 57.479 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

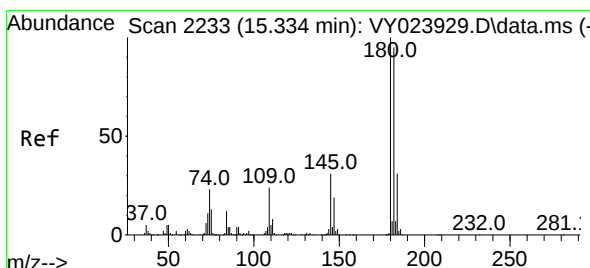
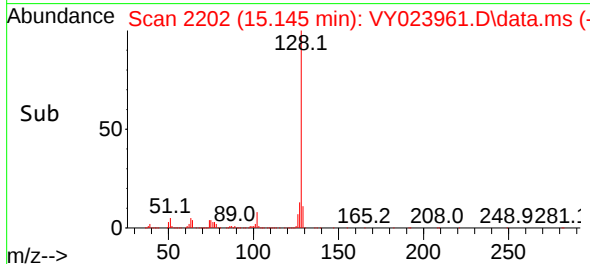
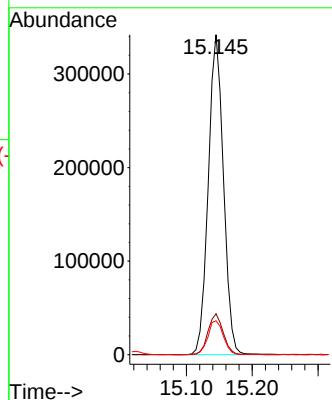
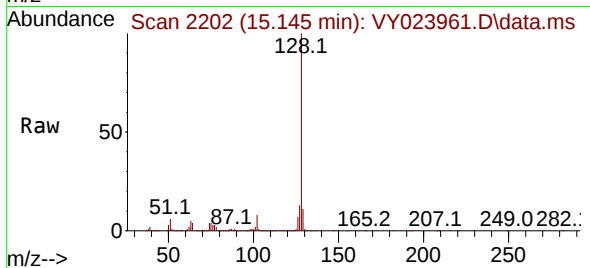
Tgt Ion:128 Resp: 549261

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.097 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY023961.D

Acq: 11 Dec 2025 17:38

Tgt Ion:180 Resp: 273976

Ion Ratio Lower Upper

180 100

182 95.9 47.8 143.4

145 31.9 15.6 46.8

