

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101025\
 Data File : VY023445.D
 Acq On : 10 Oct 2025 17:33
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Oct 11 02:01:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	561309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	818570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	736445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	394188	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	208849	44.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.000%
35) Dibromofluoromethane	7.634	113	240518	47.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.109	98	911545	48.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.408	95	302094	48.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	171619	42.478	ug/l	99
3) Chloromethane	2.074	50	228309	41.482	ug/l	97
4) Vinyl Chloride	2.208	62	312938	43.653	ug/l	99
5) Bromomethane	2.598	94	259997	43.218	ug/l	99
6) Chloroethane	2.739	64	221508	45.330	ug/l	100
7) Trichlorofluoromethane	3.062	101	450952	45.305	ug/l	99
8) Diethyl Ether	3.458	74	120219	46.221	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.824	101	247390	47.896	ug/l	99
10) Methyl Iodide	4.007	142	320901	55.808	ug/l	99
11) Tert butyl alcohol	4.860	59	65606	187.882	ug/l	97
12) 1,1-Dichloroethene	3.793	96	240661	48.065	ug/l	95
13) Acrolein	3.653	56	76310	154.658	ug/l	100
14) Allyl chloride	4.391	41	275973	45.226	ug/l	97
15) Acrylonitrile	5.061	53	220023	221.048	ug/l	99
16) Acetone	3.866	43	187729	168.000	ug/l	96
17) Carbon Disulfide	4.110	76	678855	47.371	ug/l	100
18) Methyl Acetate	4.391	43	133534	45.555	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	567282	47.140	ug/l	96
20) Methylene Chloride	4.622	84	257390	42.597	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	269966	48.973	ug/l	96
22) Diisopropyl ether	6.025	45	637385	47.222	ug/l	98
23) Vinyl Acetate	5.964	43	1644383	225.072	ug/l	97
24) 1,1-Dichloroethane	5.921	63	426698	47.724	ug/l	100
25) 2-Butanone	6.896	43	259665	190.341	ug/l	98
26) 2,2-Dichloropropane	6.890	77	382538	46.627	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	320476	50.329	ug/l	95
28) Bromochloromethane	7.250	49	145363	43.550	ug/l	96
29) Tetrahydrofuran	7.262	42	162982	210.679	ug/l	95
30) Chloroform	7.427	83	483187	49.187	ug/l	100
31) Cyclohexane	7.707	56	353691	45.298	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	438776	49.150	ug/l	99
36) 1,1-Dichloropropene	7.841	75	335099	50.324	ug/l	99
37) Ethyl Acetate	6.988	43	113666	43.087	ug/l	98
38) Carbon Tetrachloride	7.823	117	400696	49.627	ug/l	100
39) Methylcyclohexane	9.109	83	444625	51.284	ug/l	99
40) Benzene	8.085	78	1047709	49.683	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	159461	111.764	ug/l #	14
42) 1,2-Dichloroethane	8.158	62	255150	46.915	ug/l	98
43) Isopropyl Acetate	8.201	43	234038	44.491	ug/l	96
44) Trichloroethene	8.866	130	313634	50.814	ug/l	98
45) 1,2-Dichloropropane	9.146	63	229202	49.208	ug/l	99
46) Dibromomethane	9.231	93	144226	48.968	ug/l	99
47) Bromodichloromethane	9.426	83	368527	49.681	ug/l	99
48) Methyl methacrylate	9.225	41	110743	44.813	ug/l	95
49) 1,4-Dioxane	9.231	88	30110	881.740	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	612591	225.398	ug/l	98
52) Toluene	10.170	92	703474	51.378	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	313770	48.647	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	376776	49.495	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	196457	49.602	ug/l	96
56) Ethyl methacrylate	10.438	69	229204	50.168	ug/l	96
57) 1,3-Dichloropropane	10.719	76	307270	48.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	520061	254.104	ug/l	99
59) 2-Hexanone	10.762	43	409070	210.613	ug/l	98
60) Dibromochloromethane	10.914	129	276257	49.750	ug/l	99
61) 1,2-Dibromoethane	11.018	107	186443	49.359	ug/l	99
64) Tetrachloroethene	10.646	164	389211	51.184	ug/l	99
65) Chlorobenzene	11.444	112	790856	49.375	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	279586	48.983	ug/l	99
67) Ethyl Benzene	11.517	91	1326965	51.180	ug/l	100
68) m/p-Xylenes	11.627	106	1069715	102.864	ug/l	99
69) o-Xylene	11.956	106	504150	51.685	ug/l	98
70) Styrene	11.969	104	825716	51.477	ug/l	99
71) Bromoform	12.133	173	168167	47.498	ug/l #	99
73) Isopropylbenzene	12.255	105	1307982	50.351	ug/l	100
74) N-amyl acetate	12.072	43	205651	44.075	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	187874	44.218	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	253254	72.820	ug/l #	100
77) Bromobenzene	12.529	156	325547	47.139	ug/l	100
78) n-propylbenzene	12.597	91	1514758	50.389	ug/l	99
79) 2-Chlorotoluene	12.682	91	869436	49.389	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1064233	50.698	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	60001	42.307	ug/l	99
82) 4-Chlorotoluene	12.779	91	888555	49.011	ug/l	100
83) tert-Butylbenzene	12.999	119	984683	50.804	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1057692	50.487	ug/l	99
85) sec-Butylbenzene	13.176	105	1414302	50.869	ug/l	100
86) p-Isopropyltoluene	13.292	119	1203295	50.832	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	642885	47.804	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	627634	47.254	ug/l	99
89) n-Butylbenzene	13.615	91	1038268	50.337	ug/l	99
90) Hexachloroethane	13.877	117	245198	48.159	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	559928	47.490	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28904	41.460	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	339415	46.176	ug/l	99
94) Hexachlorobutadiene	15.023	225	213484	46.592	ug/l	99
95) Naphthalene	15.145	128	521350	44.541	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	286362	44.977	ug/l	99

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ClientSampleId :
VSTDCCC050EC

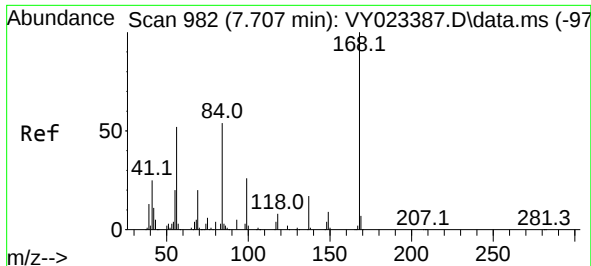
Quant Time: Oct 11 02:01:45 2025
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QLast Update : Wed Oct 08 05:12:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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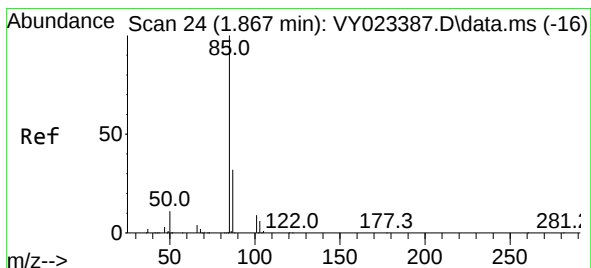
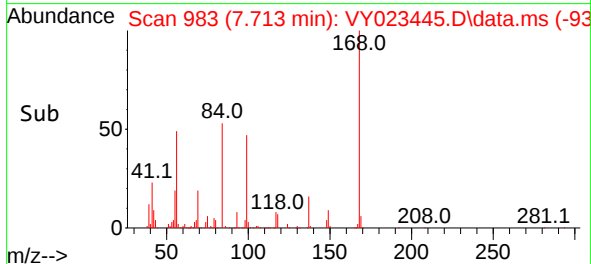
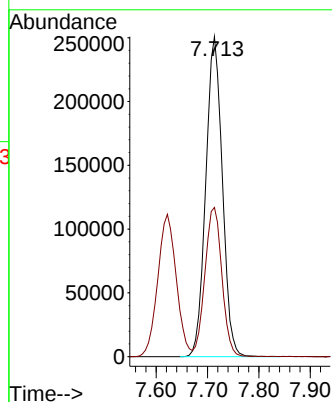
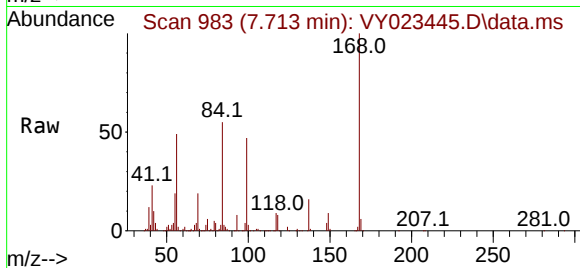




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

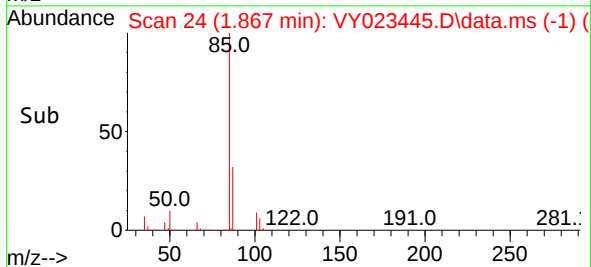
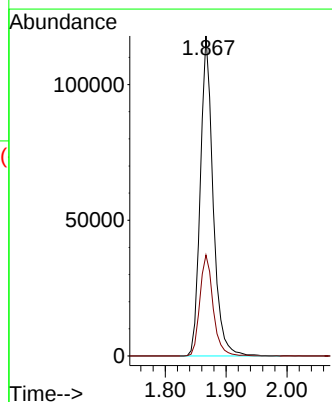
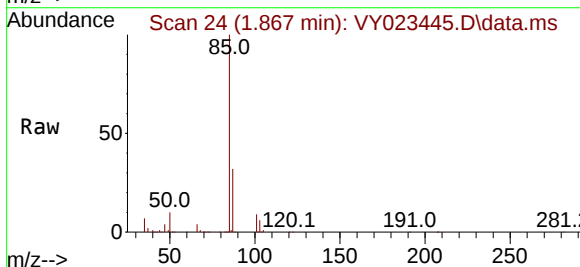
Instrument :
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ClientSampleId :
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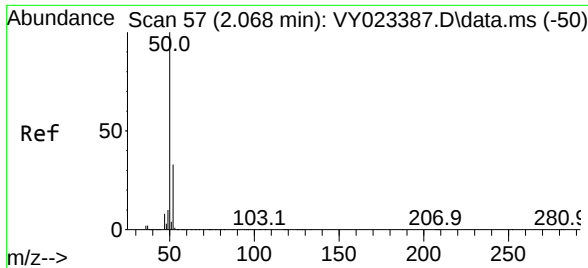
Tgt Ion:168 Resp: 561309
Ion Ratio Lower Upper
168 100
99 46.6 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 42.478 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 85 Resp: 171619
Ion Ratio Lower Upper
85 100
87 31.5 16.0 47.9

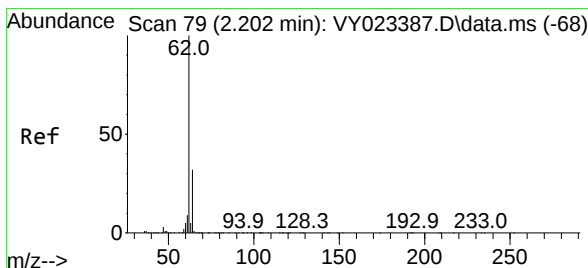
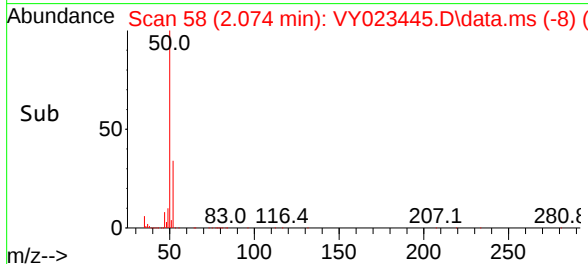
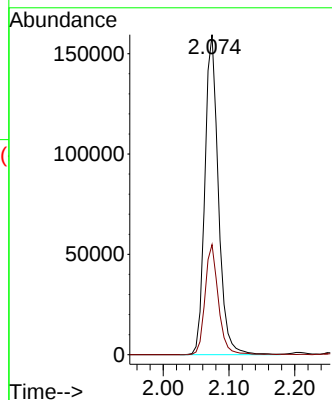
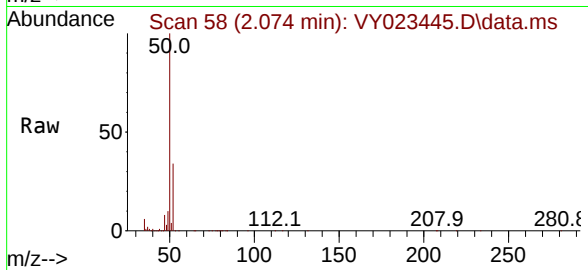




#3
Chloromethane
Concen: 41.482 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

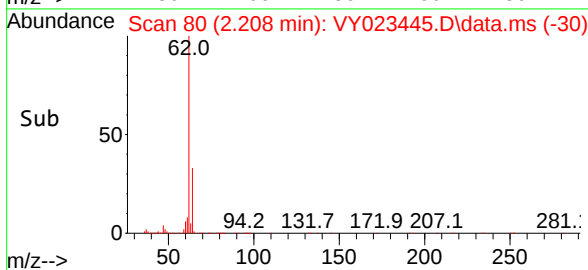
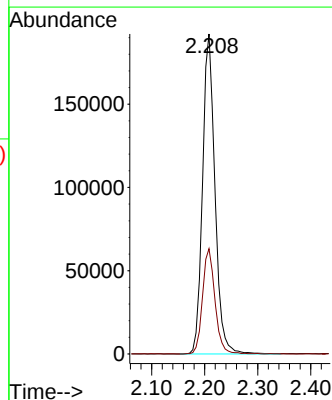
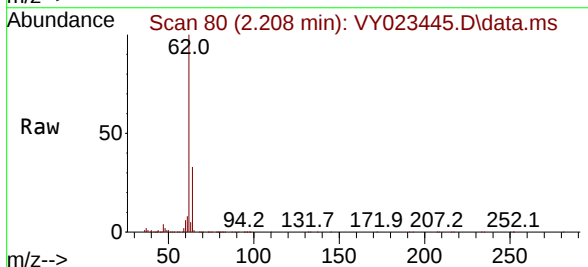
Instrument :
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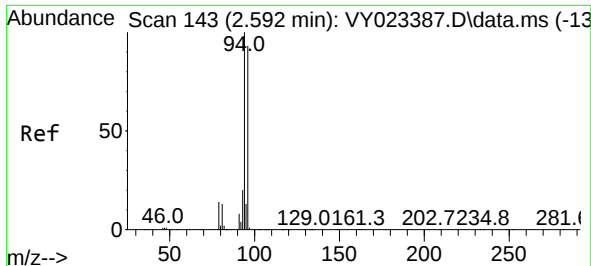
Tgt Ion: 50 Resp: 228309
Ion Ratio Lower Upper
50 100
52 34.4 26.2 39.2



#4
Vinyl Chloride
Concen: 43.653 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 62 Resp: 312938
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.8

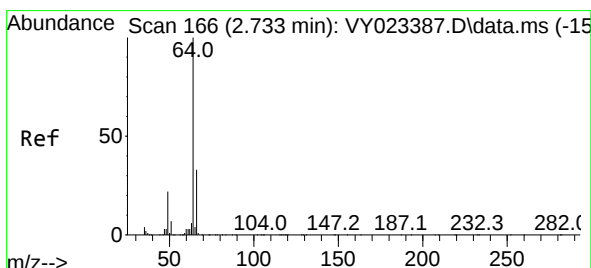
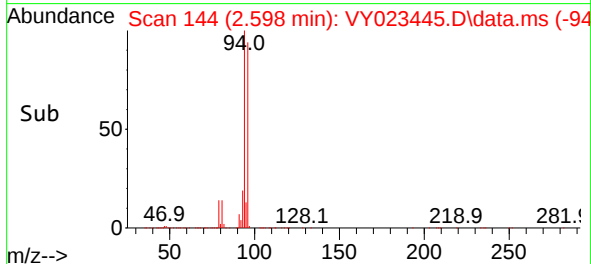
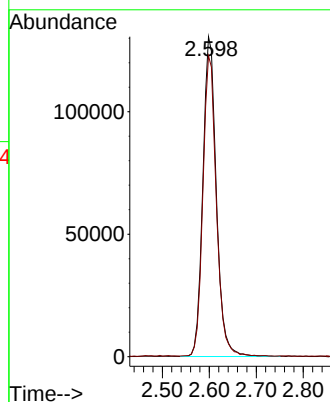
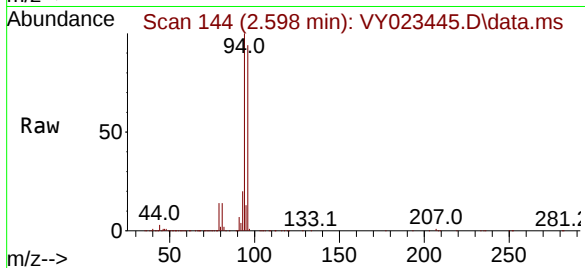




#5
Bromomethane
Concen: 43.218 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

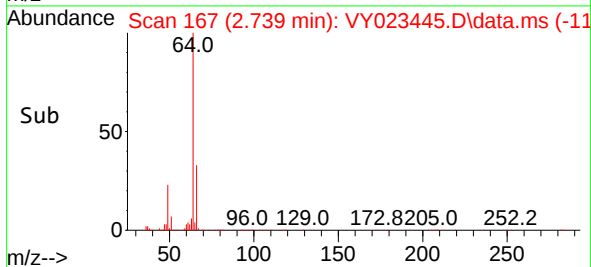
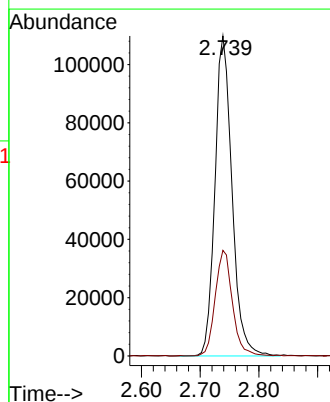
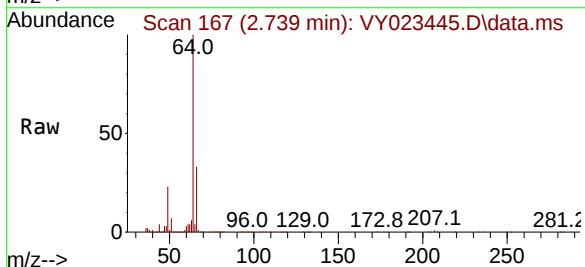
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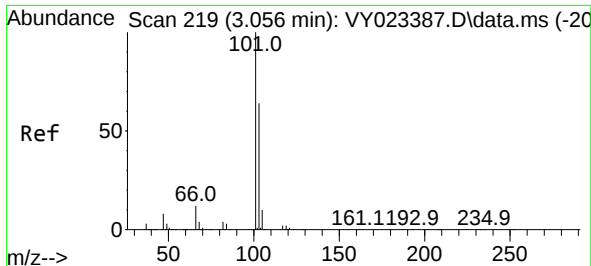
Tgt Ion: 94 Resp: 259997
Ion Ratio Lower Upper
94 100
96 93.9 74.5 111.7



#6
Chloroethane
Concen: 45.330 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 64 Resp: 221508
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

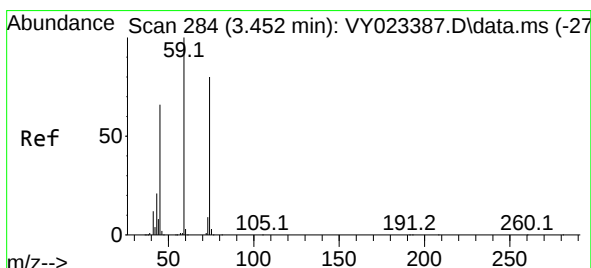
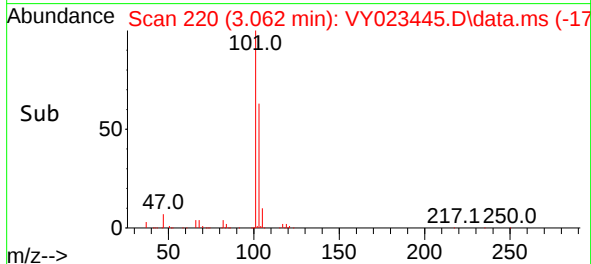
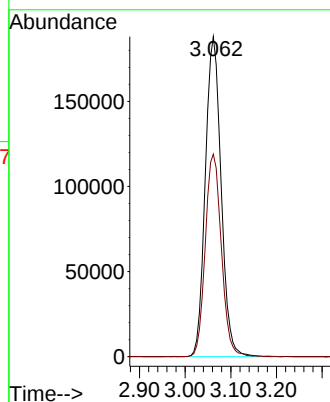
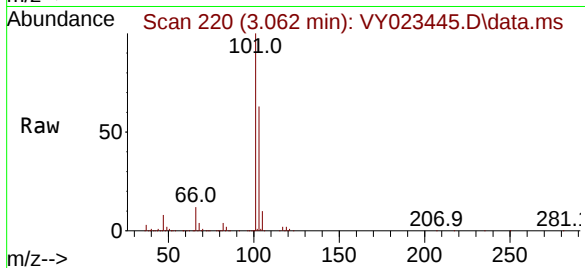




#7
Trichlorofluoromethane
Concen: 45.305 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

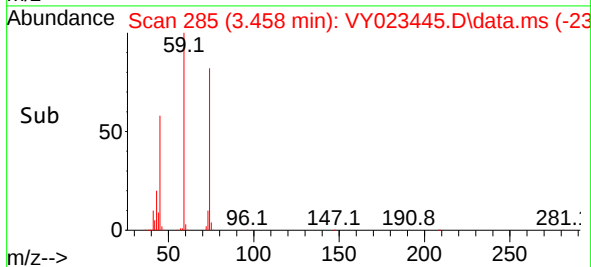
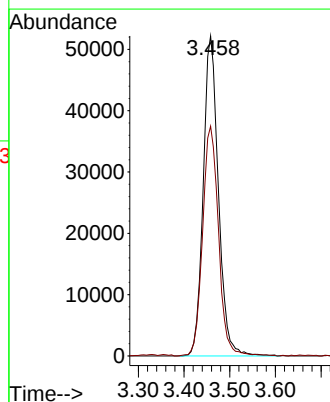
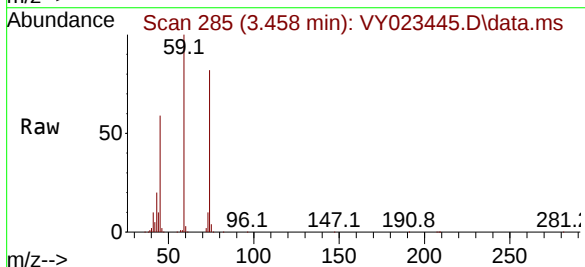
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 450952
Ion Ratio Lower Upper
101 100
103 63.3 51.3 76.9



#8
Diethyl Ether
Concen: 46.221 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 74 Resp: 120219
Ion Ratio Lower Upper
74 100
45 75.4 39.9 119.7

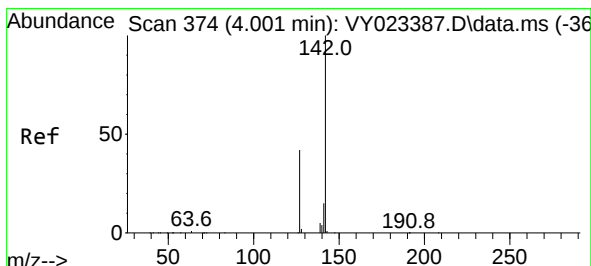
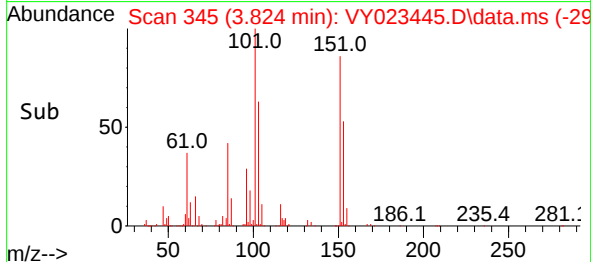
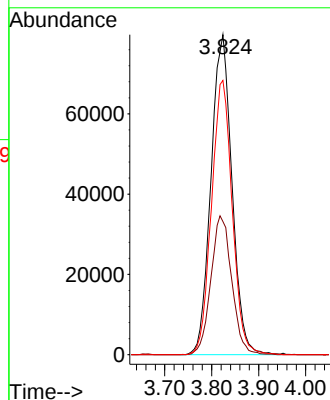
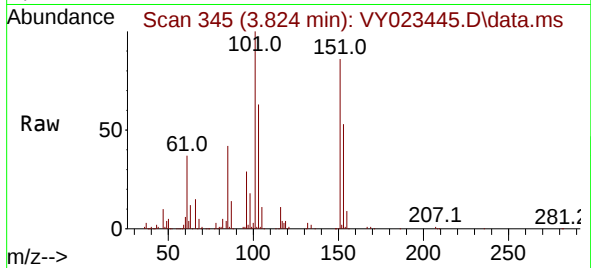




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.896 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023445.D
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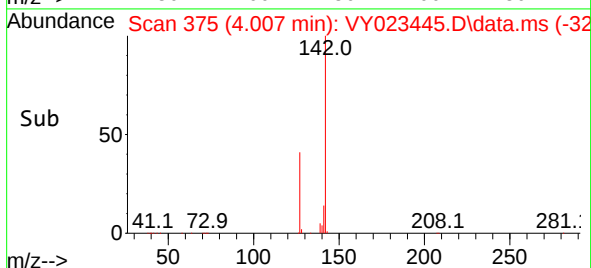
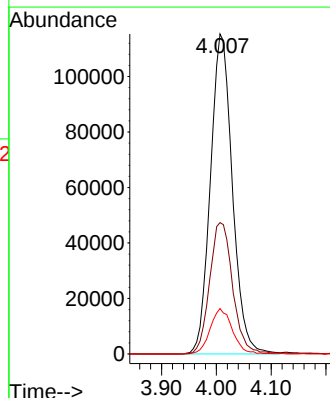
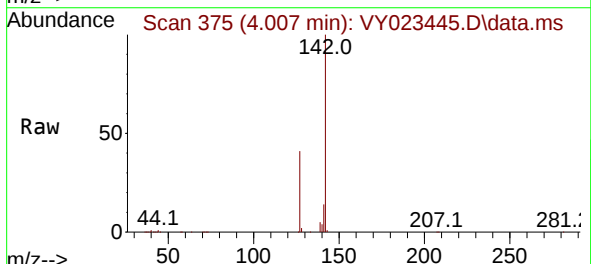
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 247390
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 84.7 67.0 100.6



#10
Methyl Iodide
Concen: 55.808 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion:142 Resp: 320901
Ion Ratio Lower Upper
142 100
127 43.1 34.8 52.2
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 187.882 ug/l

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

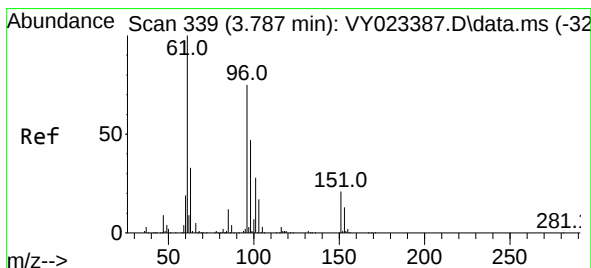
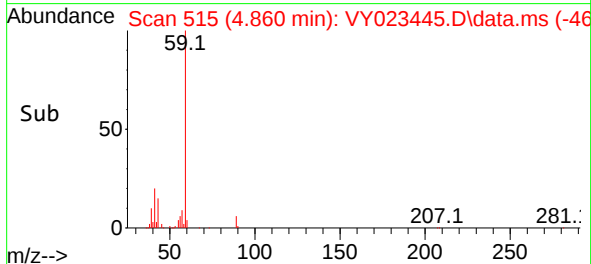
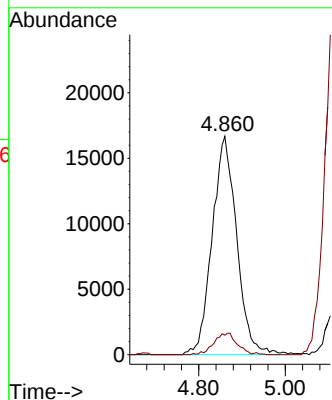
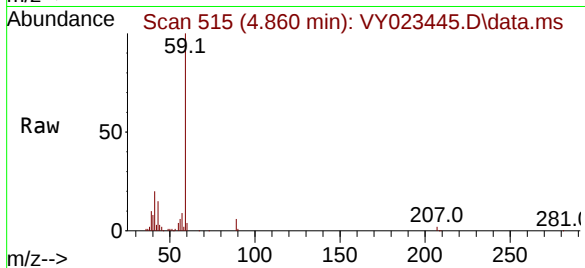
VSTDCCC050EC

Tgt Ion: 59 Resp: 65606

Ion Ratio Lower Upper

59 100

57 9.3 8.3 12.5



#12

1,1-Dichloroethene

Concen: 48.065 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

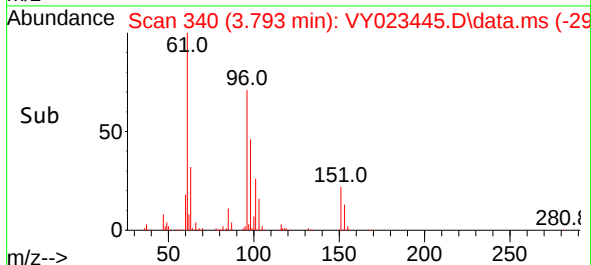
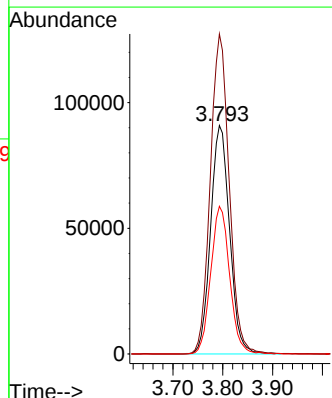
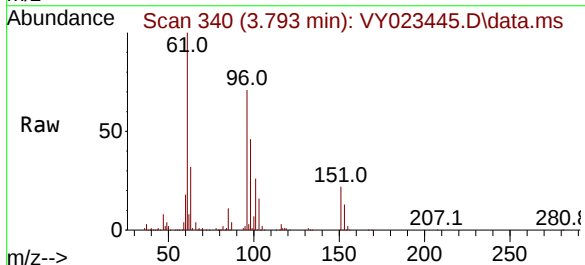
Tgt Ion: 96 Resp: 240661

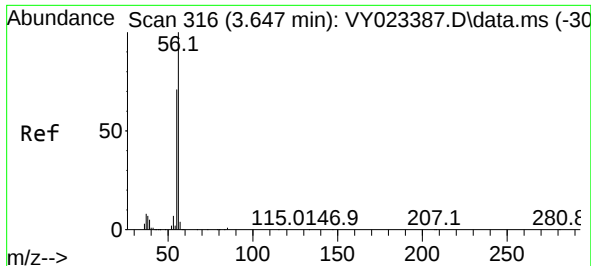
Ion Ratio Lower Upper

96 100

61 140.0 106.7 160.1

98 64.6 50.2 75.4

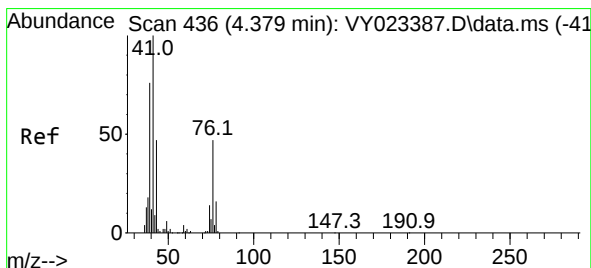
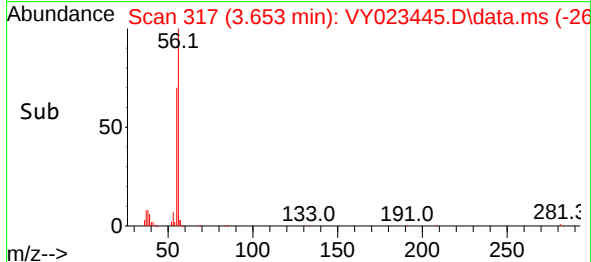
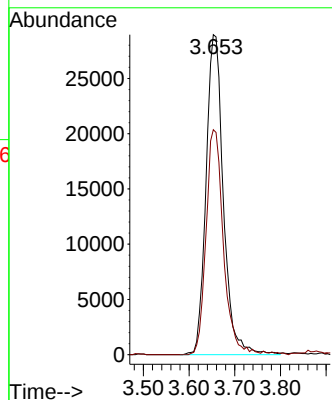
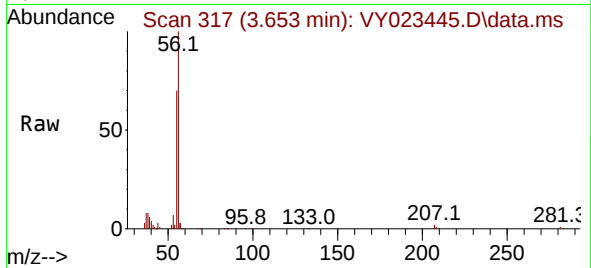




#13
Acrolein
Concen: 154.658 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

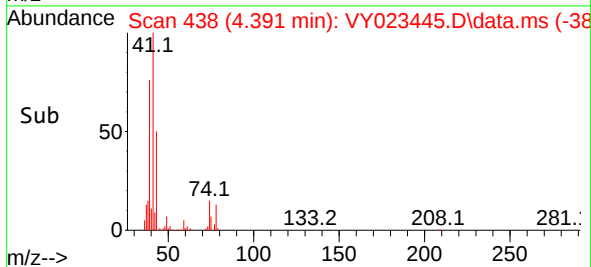
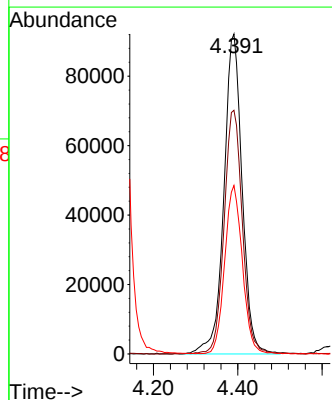
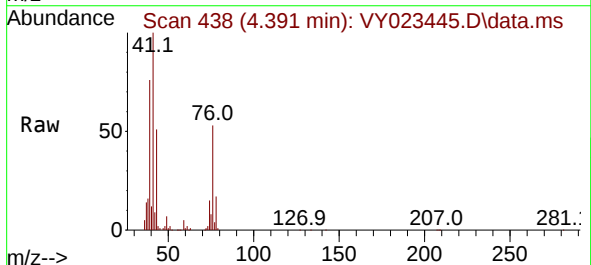
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

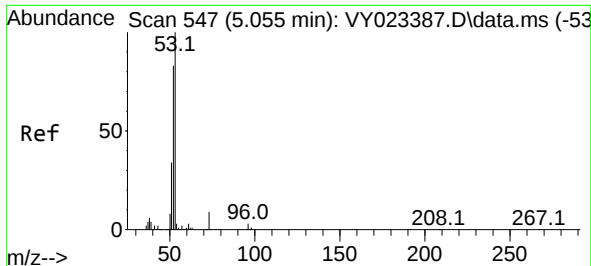
Tgt Ion: 56 Resp: 76310
Ion Ratio Lower Upper
56 100
55 70.2 56.1 84.1



#14
Allyl chloride
Concen: 45.226 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 41 Resp: 275973
Ion Ratio Lower Upper
41 100
39 76.5 59.9 89.9
76 50.7 38.0 57.0

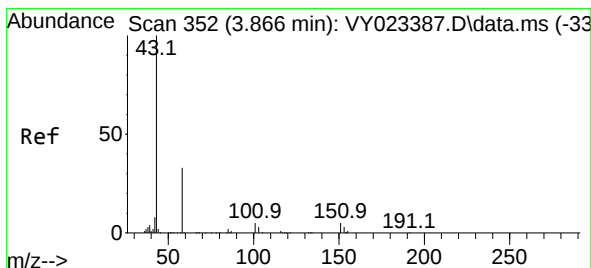
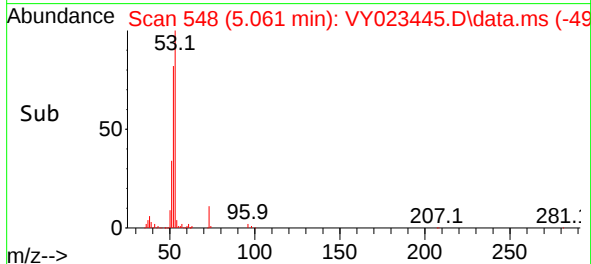
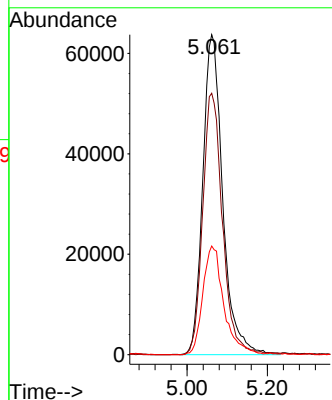
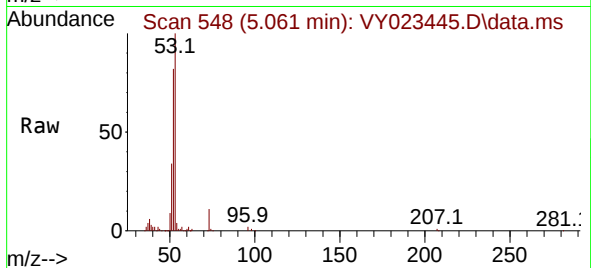




#15
Acrylonitrile
Concen: 221.048 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

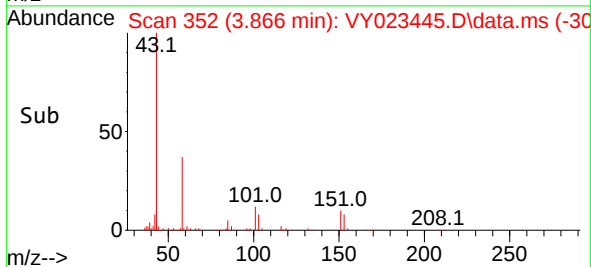
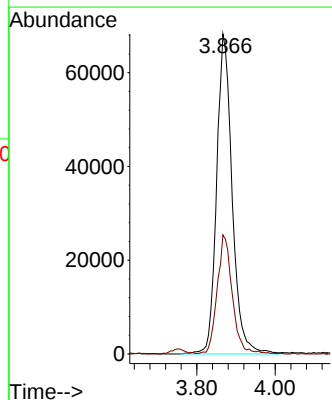
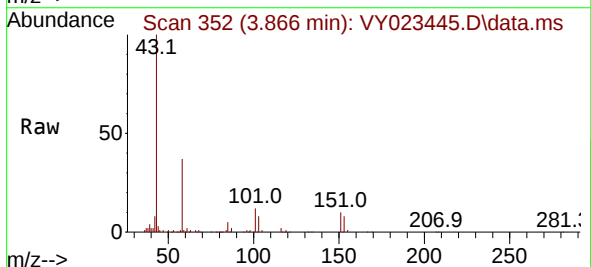
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

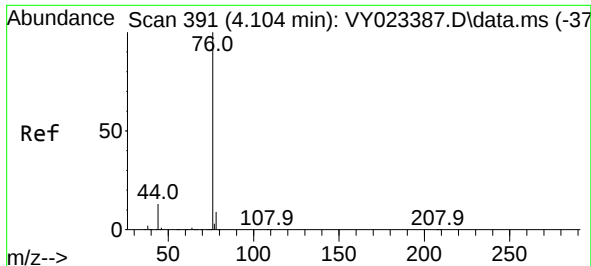
Tgt Ion: 53 Resp: 220023
Ion Ratio Lower Upper
53 100
52 81.1 64.6 97.0
51 35.8 29.5 44.3



#16
Acetone
Concen: 168.000 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 43 Resp: 187729
Ion Ratio Lower Upper
43 100
58 36.9 27.7 41.5

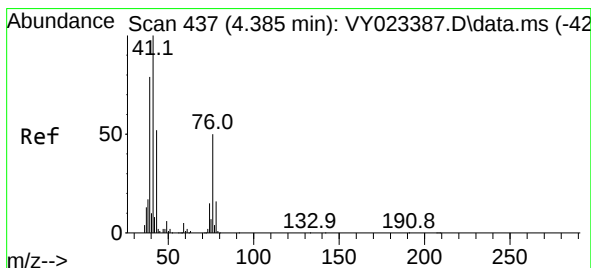
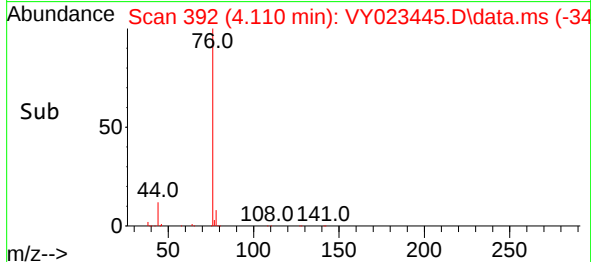
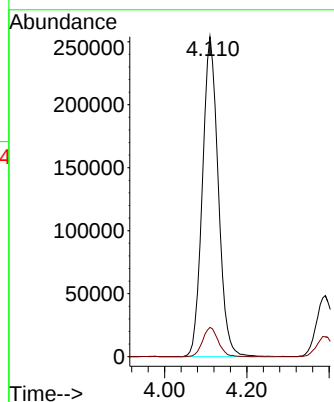
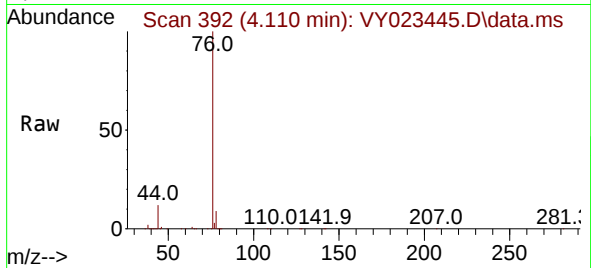




#17
Carbon Disulfide
Concen: 47.371 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

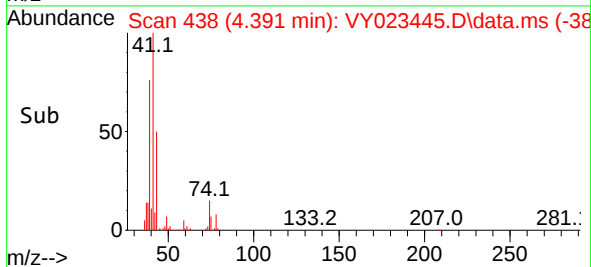
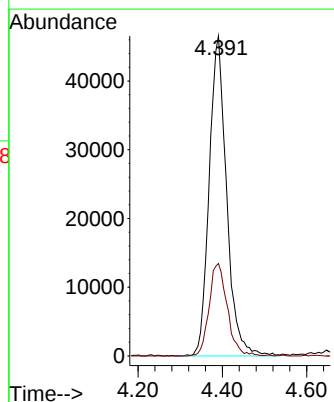
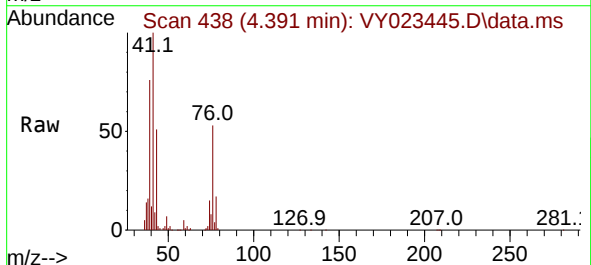
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

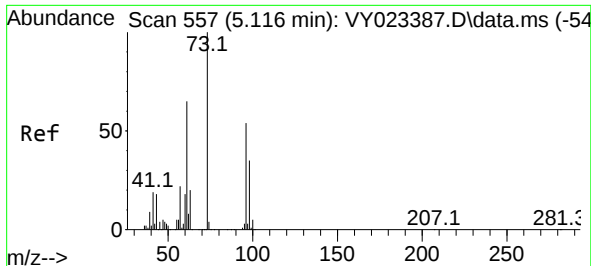
Tgt Ion: 76 Resp: 678855
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 45.555 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 43 Resp: 133534
Ion Ratio Lower Upper
43 100
74 30.2 24.2 36.4

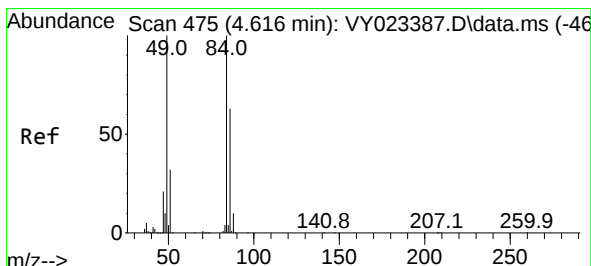
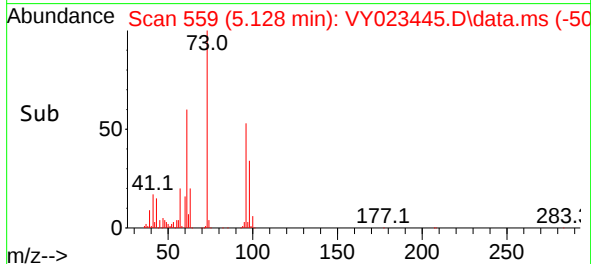
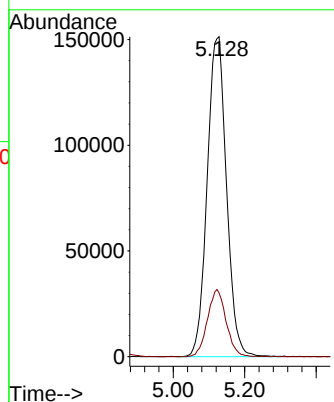
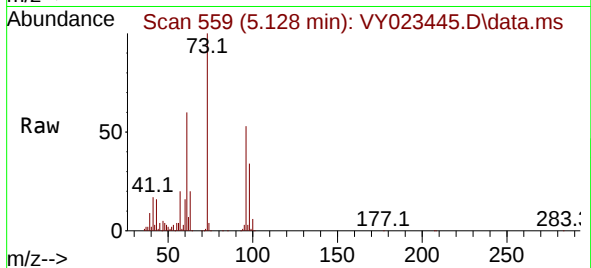




#19
Methyl tert-butyl Ether
Concen: 47.140 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

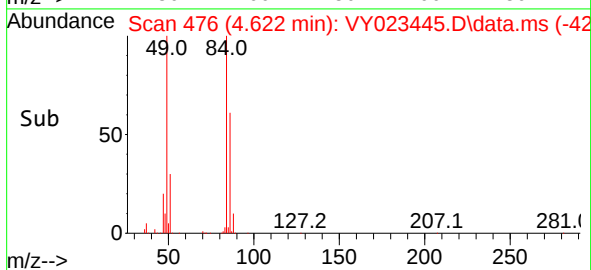
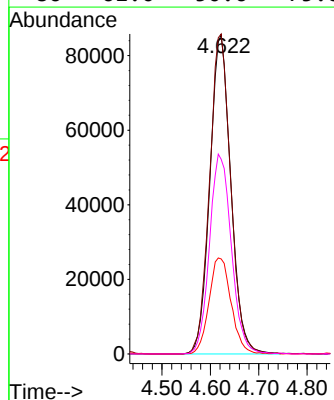
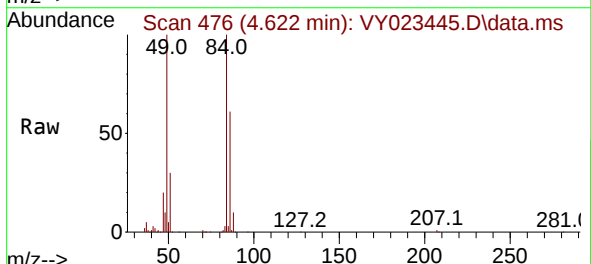
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

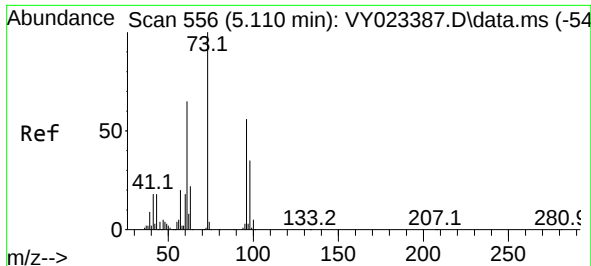
Tgt Ion: 73 Resp: 567282
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0



#20
Methylene Chloride
Concen: 42.597 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 84 Resp: 257390
Ion Ratio Lower Upper
84 100
49 100.3 80.2 120.4
51 29.8 25.9 38.9
86 61.0 50.6 75.8

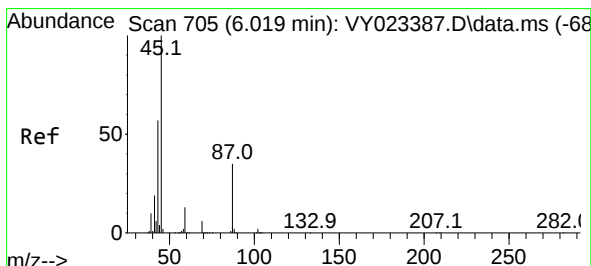
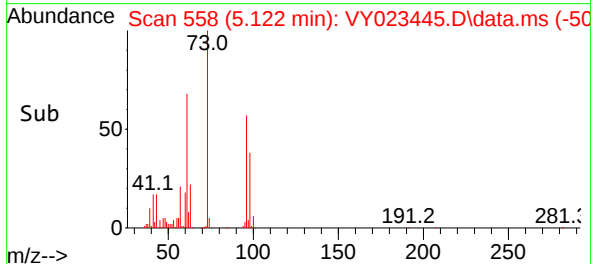
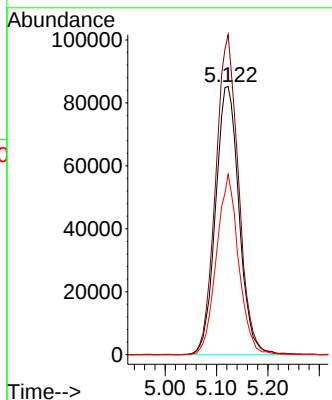
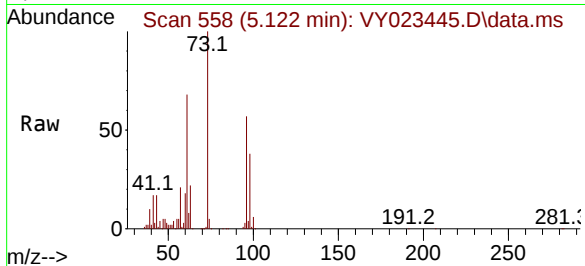




#21
trans-1,2-Dichloroethene
Concen: 48.973 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

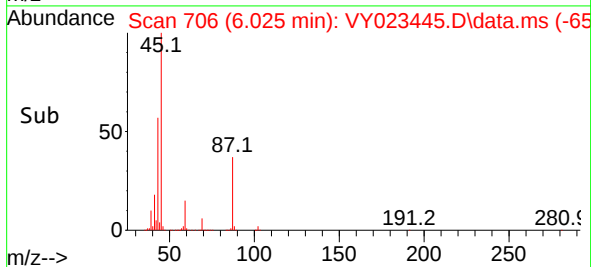
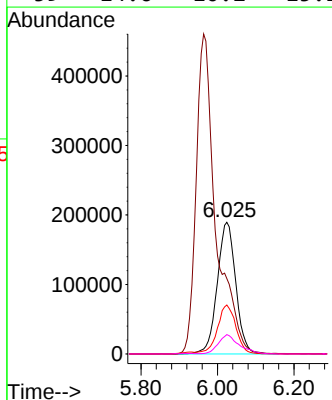
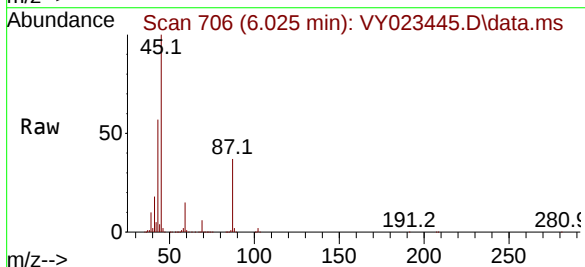
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 269966
Ion Ratio Lower Upper
96 100
61 119.3 92.7 139.1
98 67.3 49.7 74.5



#22
Diisopropyl ether
Concen: 47.222 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 45 Resp: 637385
Ion Ratio Lower Upper
45 100
43 57.1 45.6 68.4
87 37.1 28.1 42.1
59 14.6 10.2 15.2

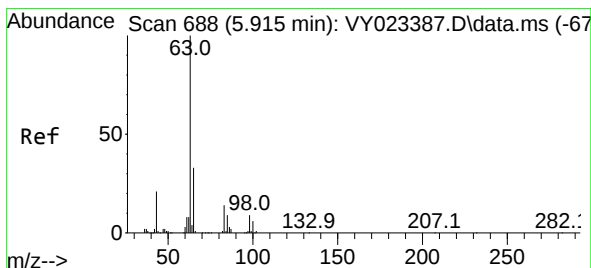
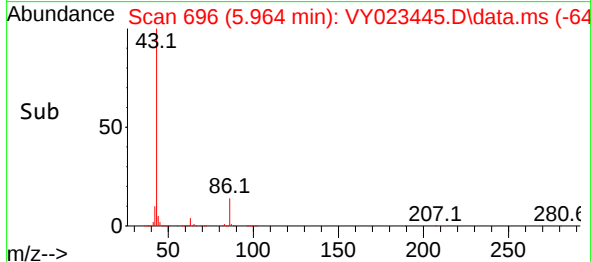
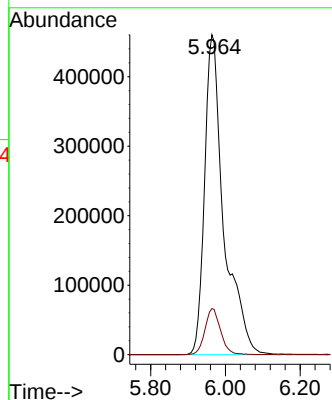
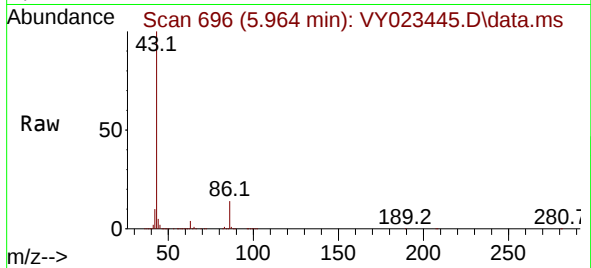




#23
 Vinyl Acetate
 Concen: 225.072 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023445.D
 Acq: 10 Oct 2025 17:33

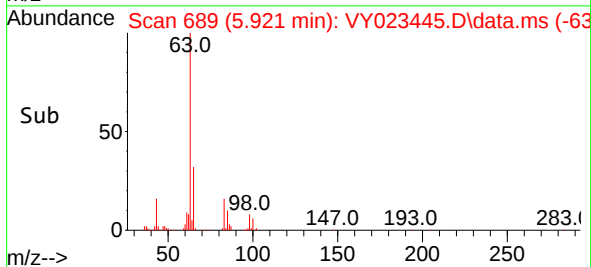
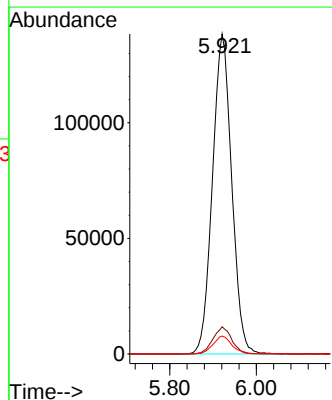
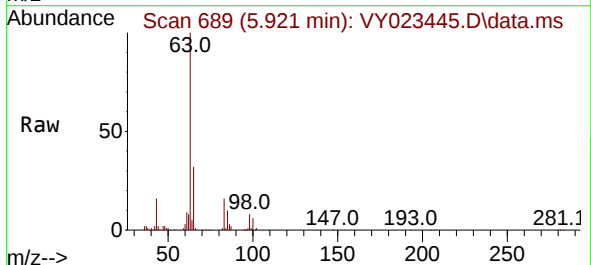
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

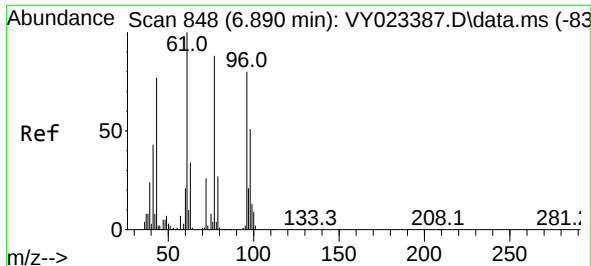
Tgt Ion: 43 Resp: 1644383
 Ion Ratio Lower Upper
 43 100
 86 14.4 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 47.724 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023445.D
 Acq: 10 Oct 2025 17:33

Tgt Ion: 63 Resp: 426698
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.3 13.1
 100 5.6 2.8 8.4





#25

2-Butanone

Concen: 190.341 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

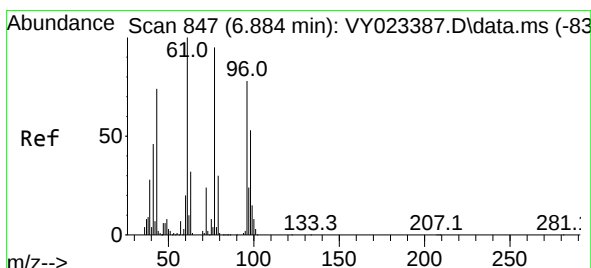
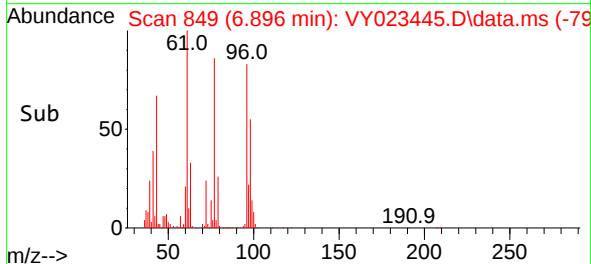
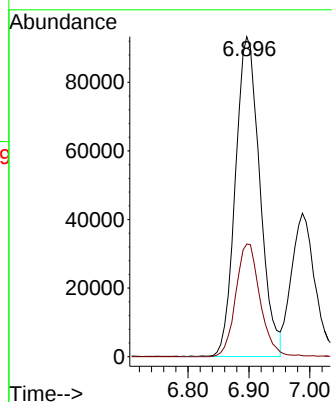
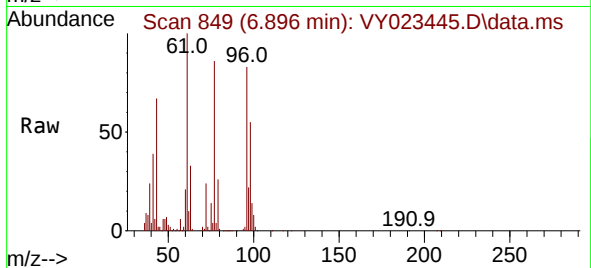
VSTDCCC050EC

Tgt Ion: 43 Resp: 259665

Ion Ratio Lower Upper

43 100

72 35.3 27.4 41.2



#26

2,2-Dichloropropane

Concen: 46.627 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023445.D

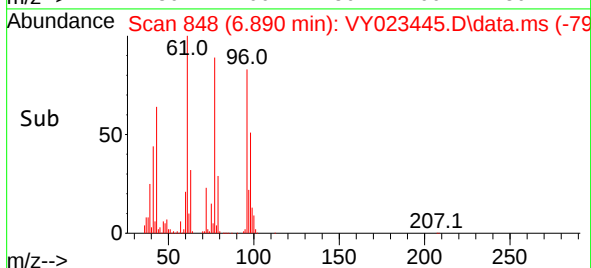
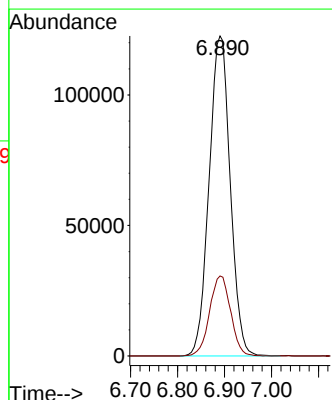
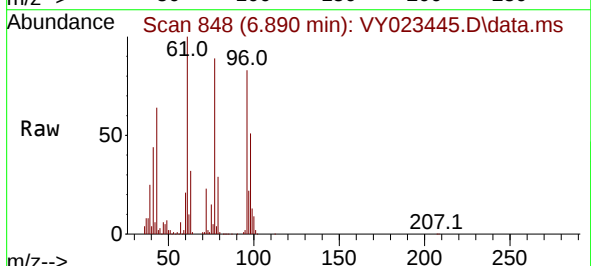
Acq: 10 Oct 2025 17:33

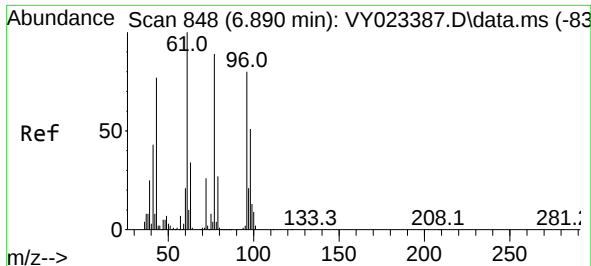
Tgt Ion: 77 Resp: 382538

Ion Ratio Lower Upper

77 100

97 24.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 50.329 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

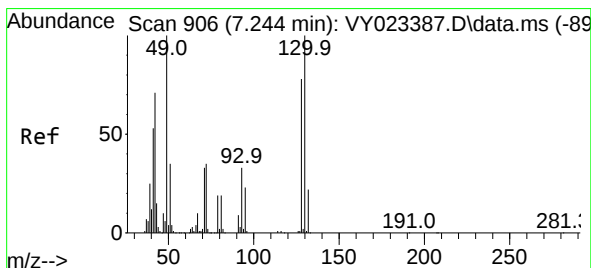
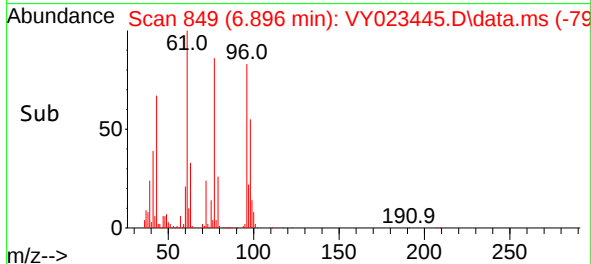
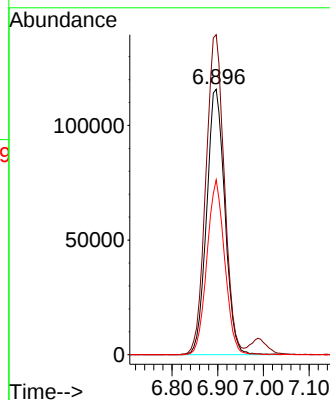
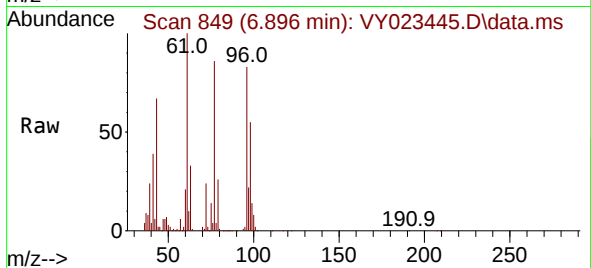
Tgt Ion: 96 Resp: 320476

Ion Ratio Lower Upper

96 100

61 122.5 0.0 258.2

98 64.2 0.0 132.0



#28

Bromochloromethane

Concen: 43.550 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

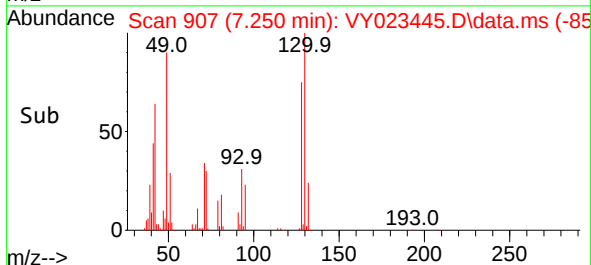
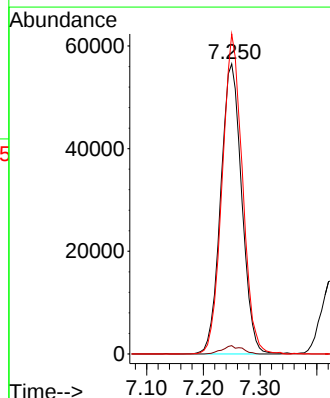
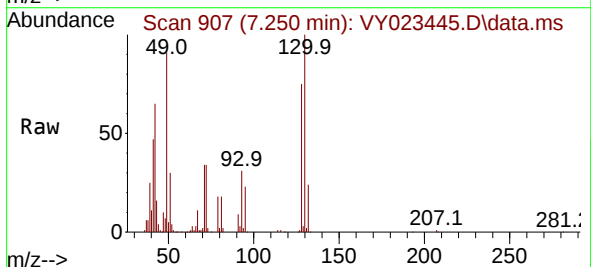
Tgt Ion: 49 Resp: 145363

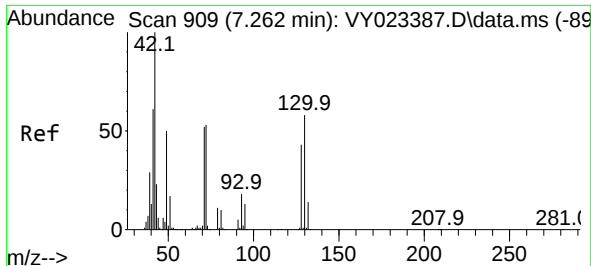
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 106.1 81.9 122.9





#29

Tetrahydrofuran

Concen: 210.679 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

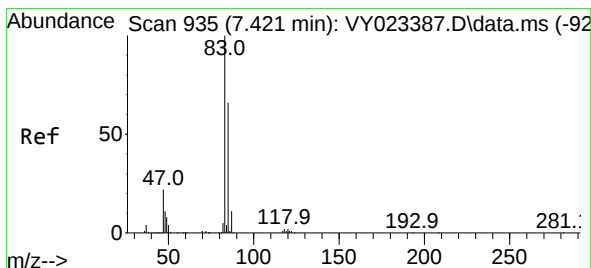
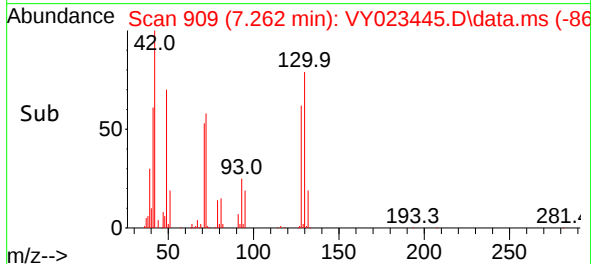
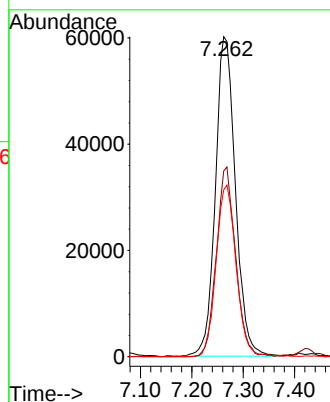
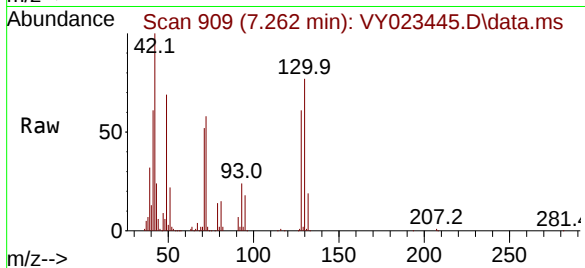
Tgt Ion: 42 Resp: 162982

Ion Ratio Lower Upper

42 100

72 56.9 43.0 64.6

71 53.5 40.1 60.1



#30

Chloroform

Concen: 49.187 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023445.D

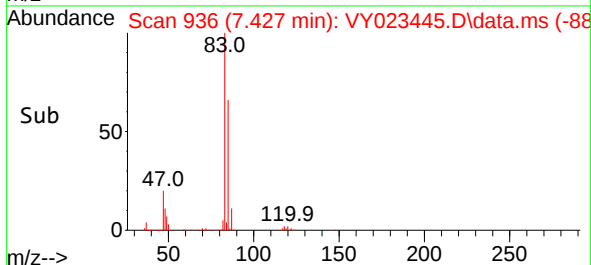
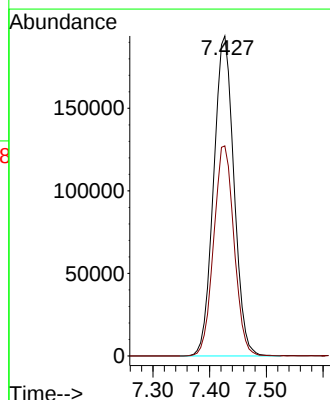
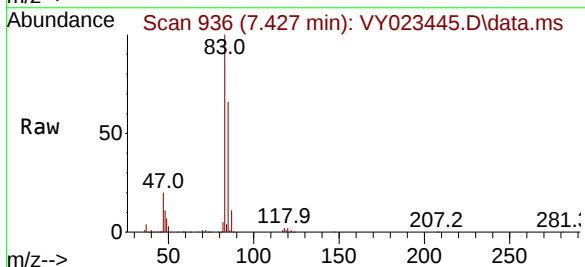
Acq: 10 Oct 2025 17:33

Tgt Ion: 83 Resp: 483187

Ion Ratio Lower Upper

83 100

85 65.6 52.5 78.7

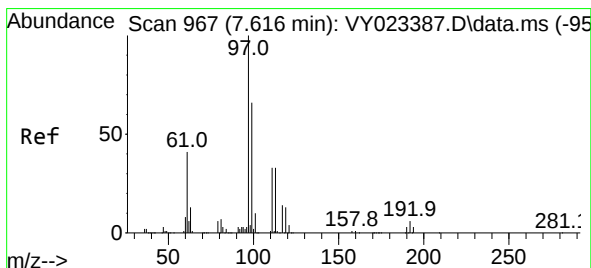
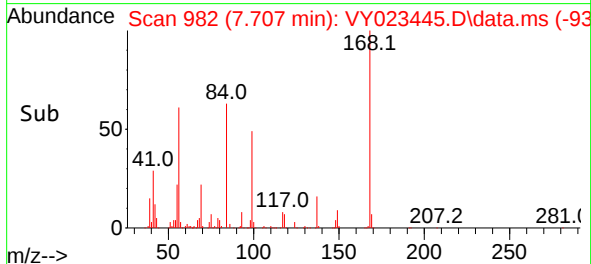
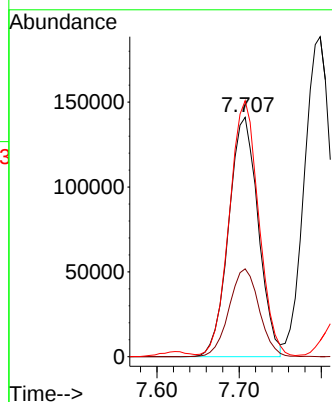
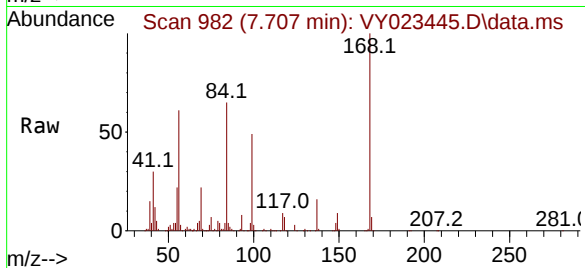




#31
Cyclohexane
Concen: 45.298 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

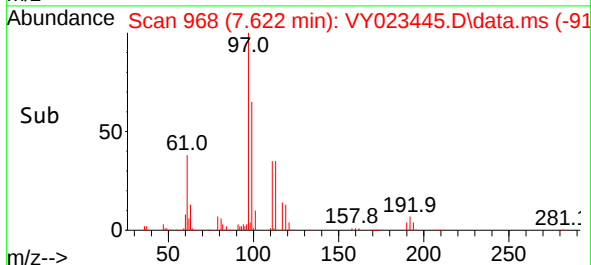
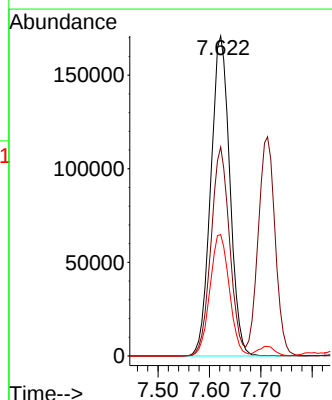
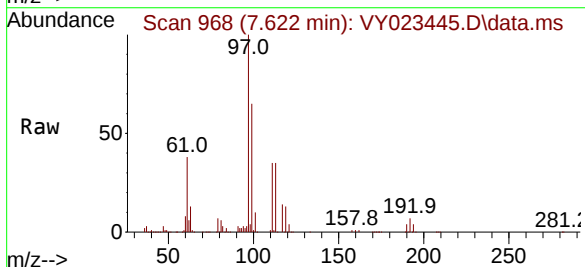
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 353691
Ion Ratio Lower Upper
56 100
69 36.7 30.0 45.0
84 104.8 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 49.150 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 97 Resp: 438776
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 38.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 44.495 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

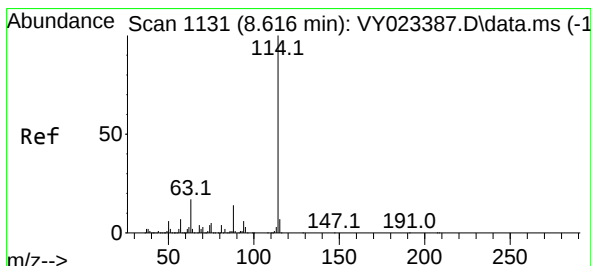
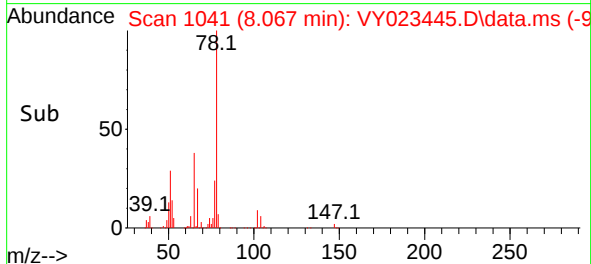
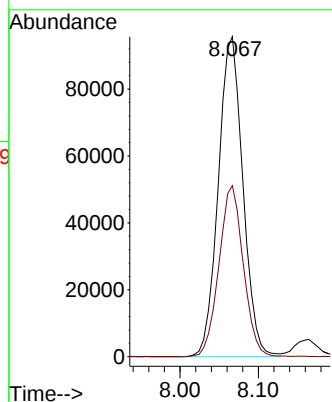
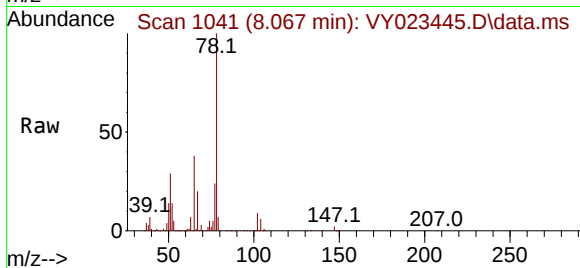
VSTDCCC050EC

Tgt Ion: 65 Resp: 208849

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

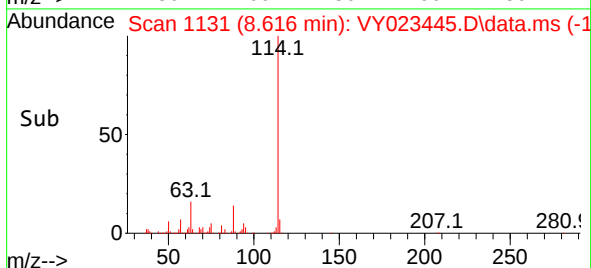
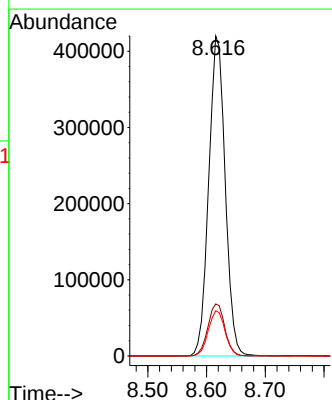
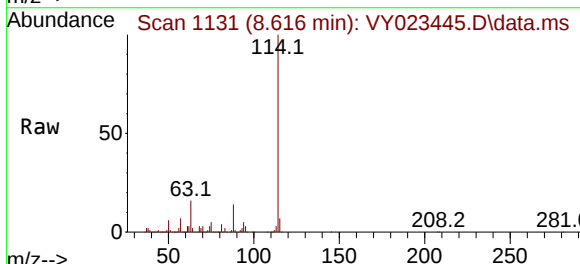
Tgt Ion: 114 Resp: 818570

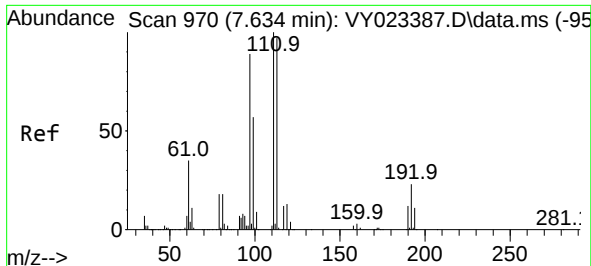
Ion Ratio Lower Upper

114 100

63 16.3 0.0 34.2

88 14.2 0.0 28.4

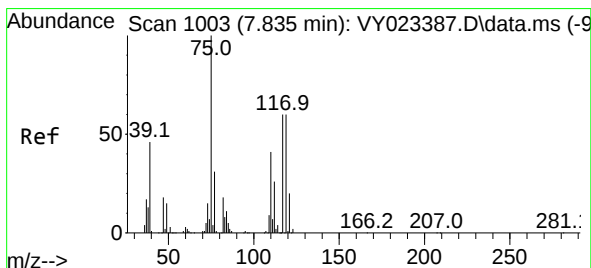
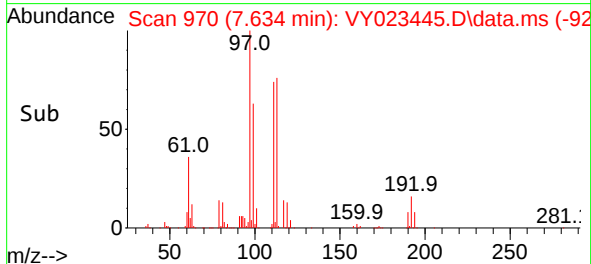
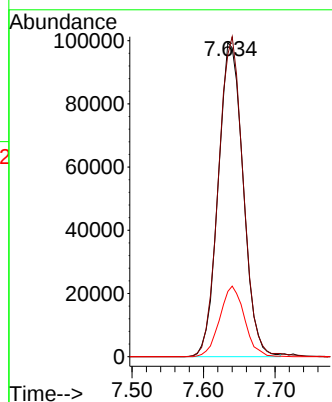
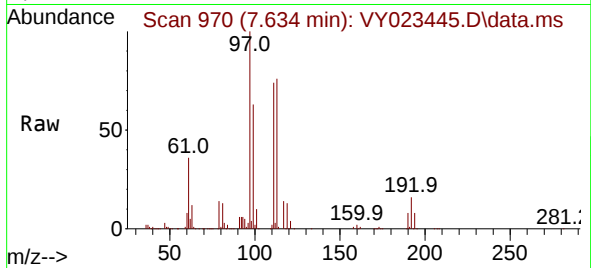




#35
Dibromofluoromethane
Concen: 47.819 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

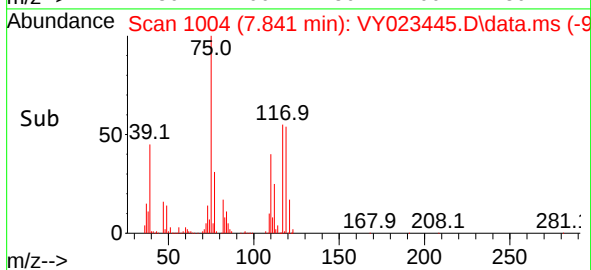
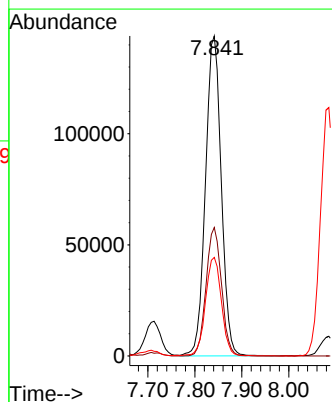
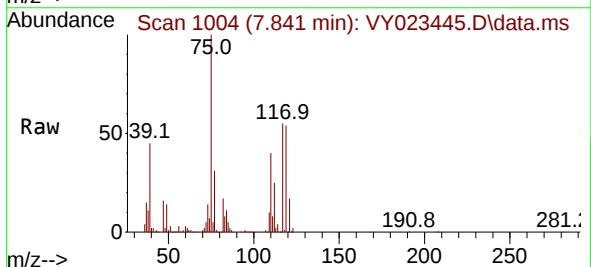
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

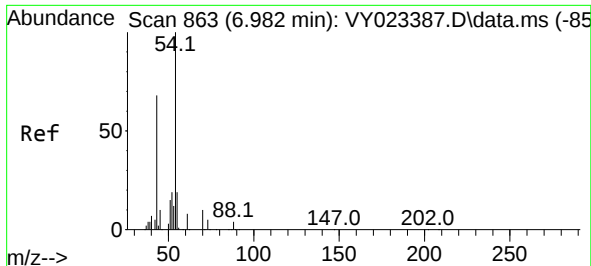
Tgt Ion:113 Resp: 240518
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 22.3 18.0 27.0



#36
1,1-Dichloropropene
Concen: 50.324 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 75 Resp: 335099
Ion Ratio Lower Upper
75 100
110 39.2 19.9 59.7
77 31.0 25.0 37.6





#37

Ethyl Acetate

Concen: 43.087 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

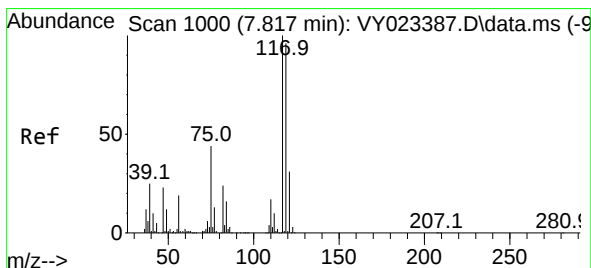
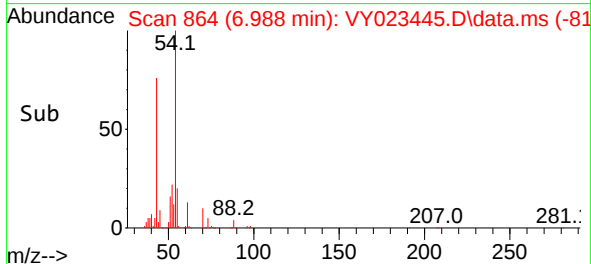
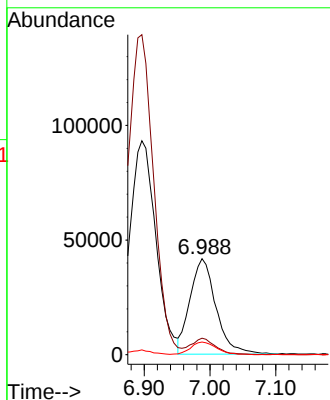
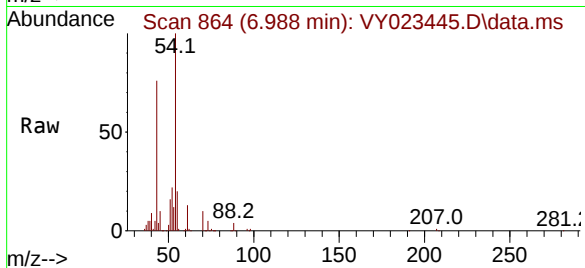
Tgt Ion: 43 Resp: 113666

Ion Ratio Lower Upper

43 100

61 16.0 11.8 17.8

70 13.3 10.5 15.7



#38

Carbon Tetrachloride

Concen: 49.627 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

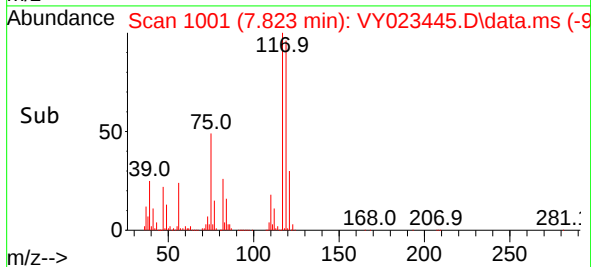
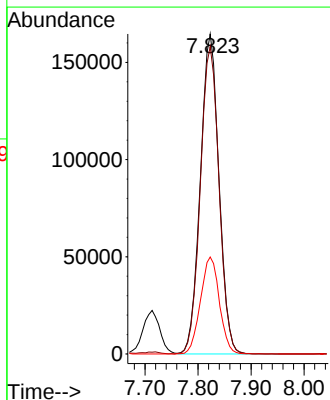
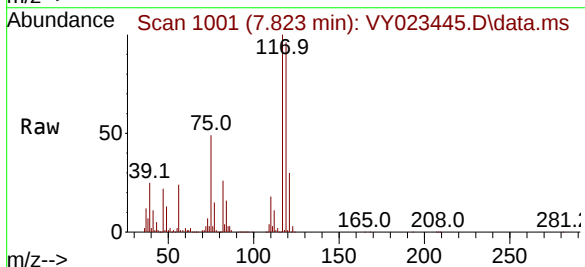
Tgt Ion: 117 Resp: 400696

Ion Ratio Lower Upper

117 100

119 96.1 76.8 115.2

121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 51.284 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

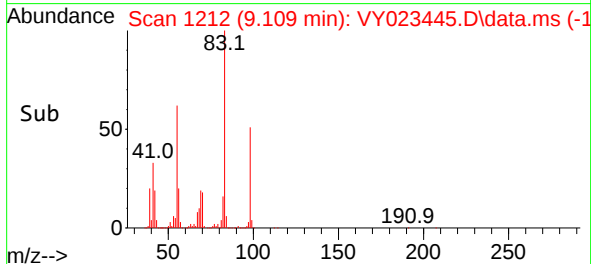
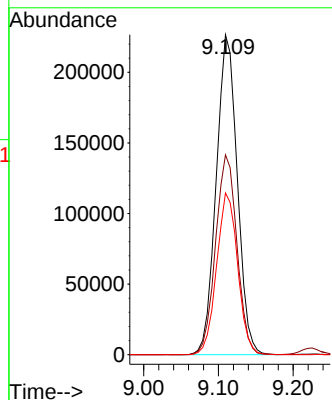
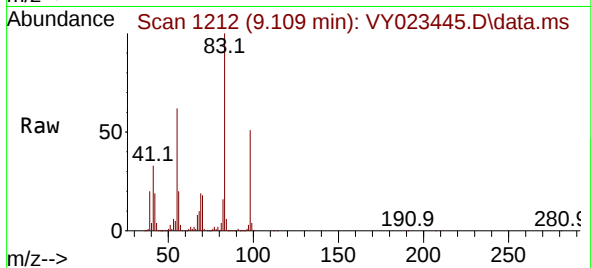
Tgt Ion: 83 Resp: 444625

Ion Ratio Lower Upper

83 100

55 62.5 51.4 77.2

98 50.5 40.4 60.6



#40

Benzene

Concen: 49.683 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023445.D

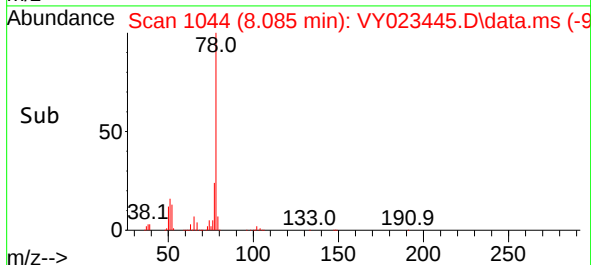
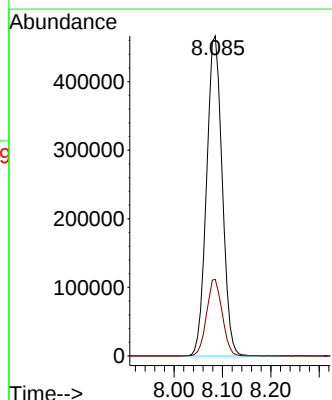
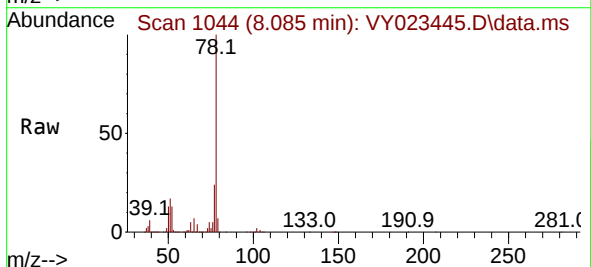
Acq: 10 Oct 2025 17:33

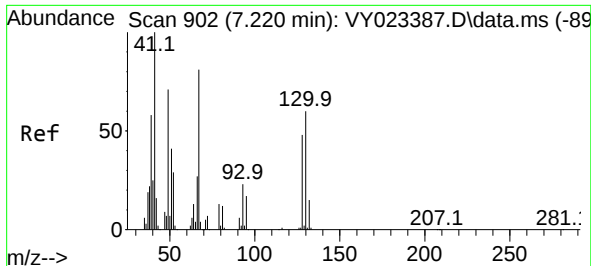
Tgt Ion: 78 Resp: 1047709

Ion Ratio Lower Upper

78 100

77 24.0 18.3 27.5

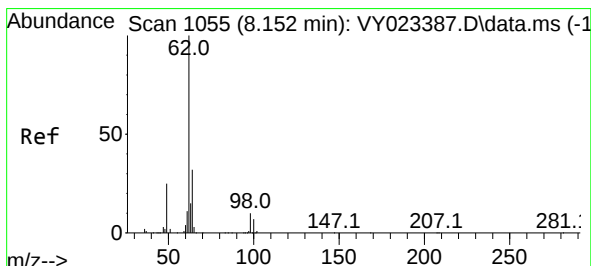
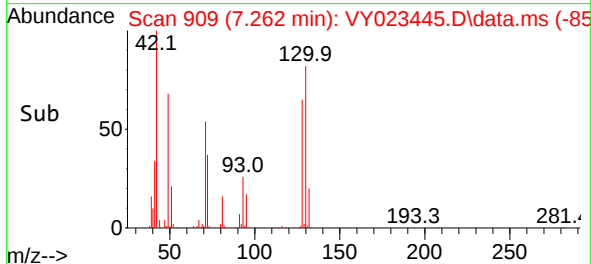
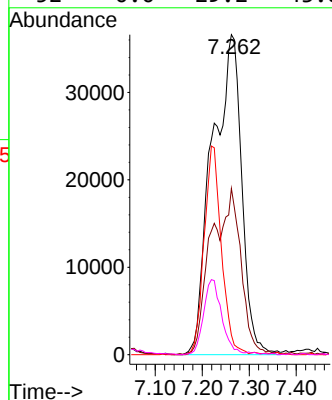
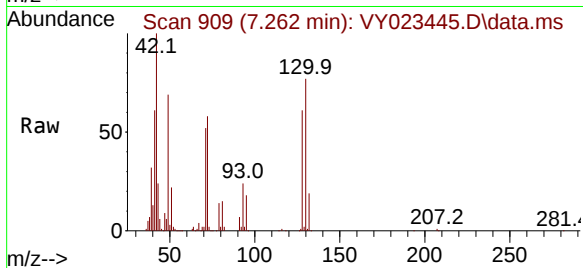




#41
Methacrylonitrile
Concen: 111.764 ug/l
RT: 7.262 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

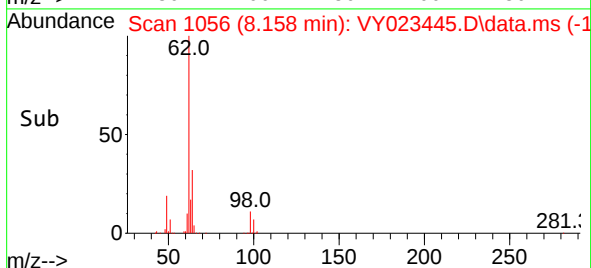
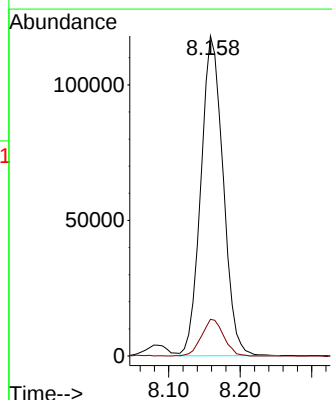
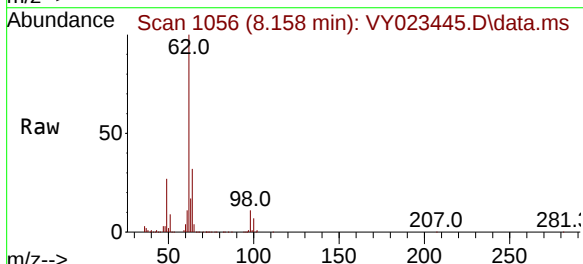
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

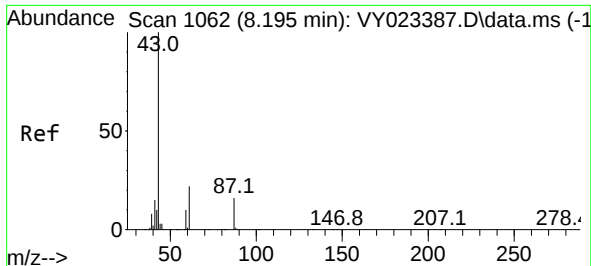
Tgt Ion: 41 Resp: 159461
Ion Ratio Lower Upper
41 100
39 0.0 52.2 78.4#
67 0.0 74.9 112.3#
52 0.0 29.2 43.8#



#42
1,2-Dichloroethane
Concen: 46.915 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 62 Resp: 255150
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.6

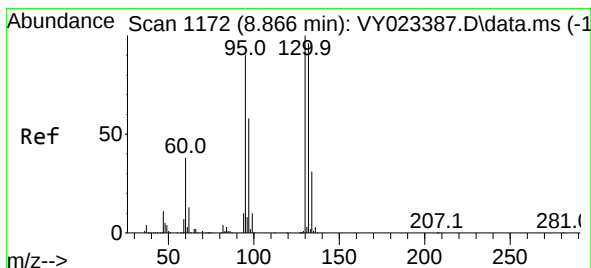
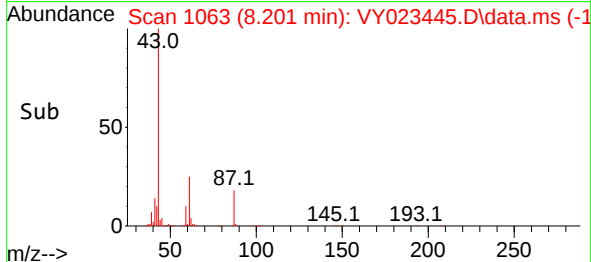
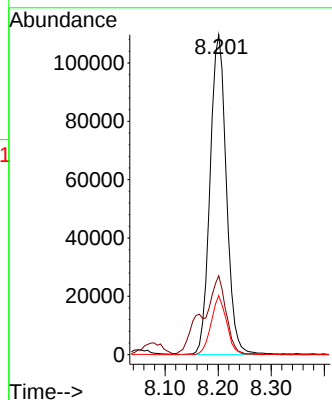
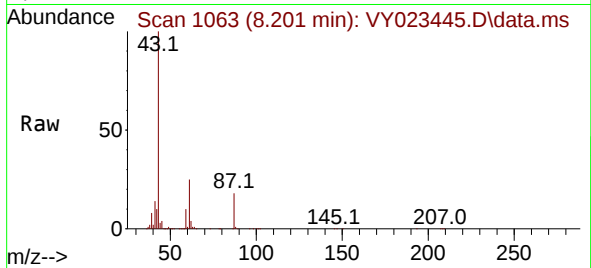




#43
Isopropyl Acetate
Concen: 44.491 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

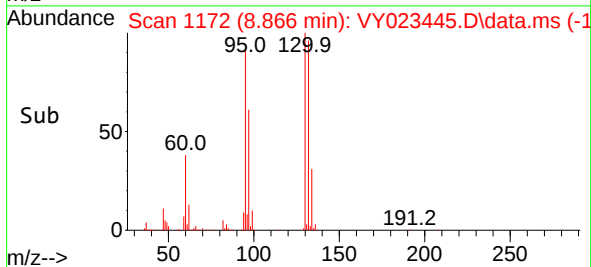
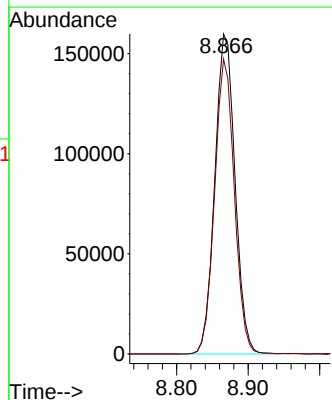
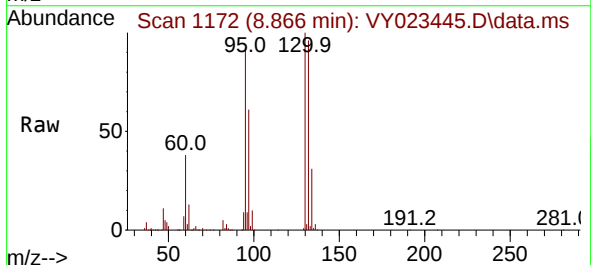
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 234038
Ion Ratio Lower Upper
43 100
61 25.1 18.1 27.1
87 17.6 13.5 20.3



#44
Trichloroethene
Concen: 50.814 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion:130 Resp: 313634
Ion Ratio Lower Upper
130 100
95 92.2 0.0 180.6





#45

1,2-Dichloropropane

Concen: 49.208 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

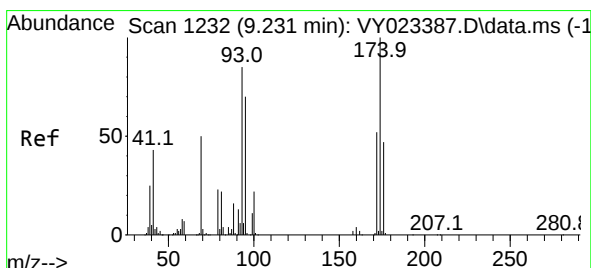
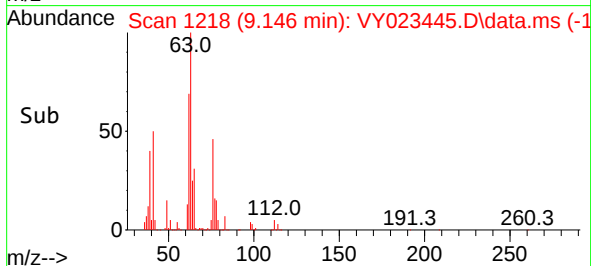
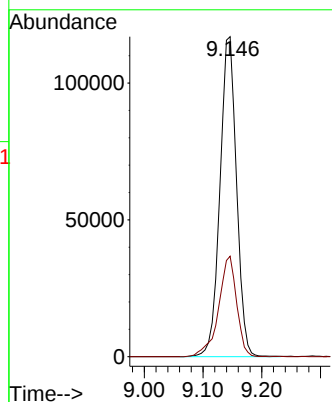
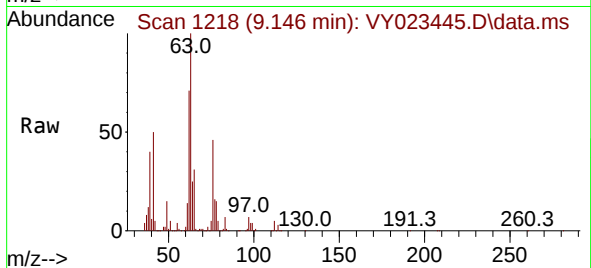
VSTDCCC050EC

Tgt Ion: 63 Resp: 229202

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 48.968 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

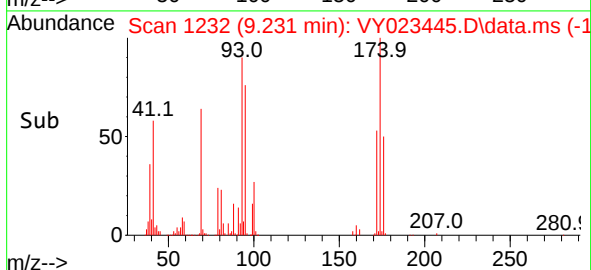
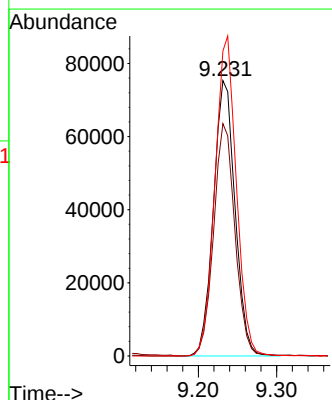
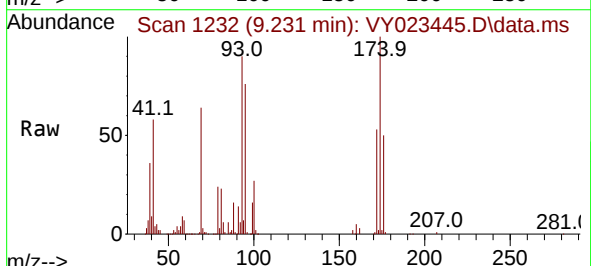
Tgt Ion: 93 Resp: 144226

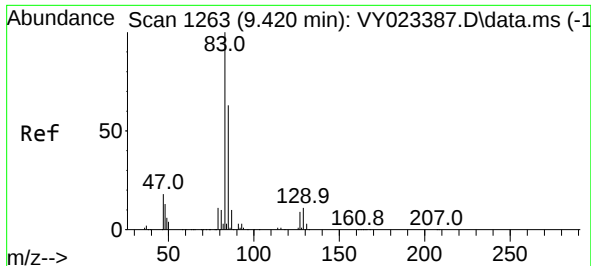
Ion Ratio Lower Upper

93 100

95 83.4 65.4 98.0

174 114.9 92.9 139.3

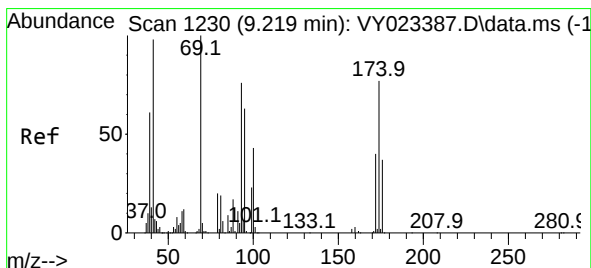
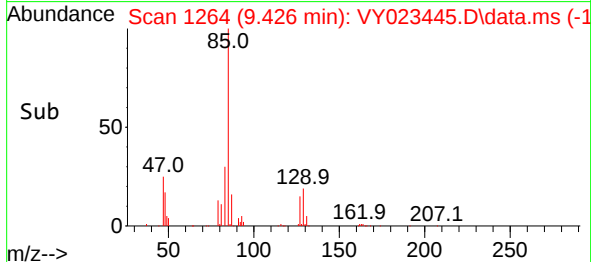
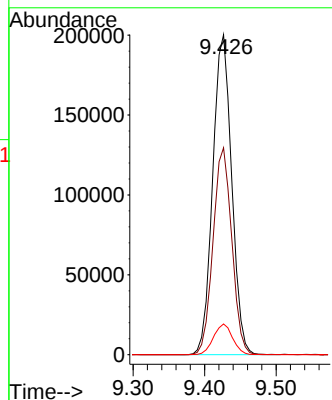
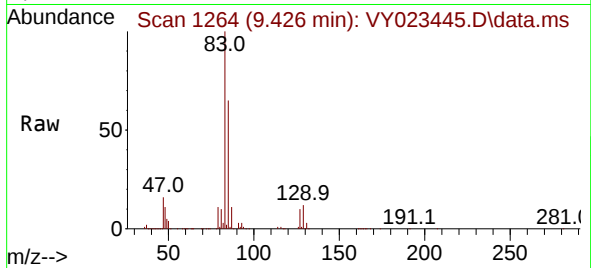




#47
Bromodichloromethane
Concen: 49.681 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

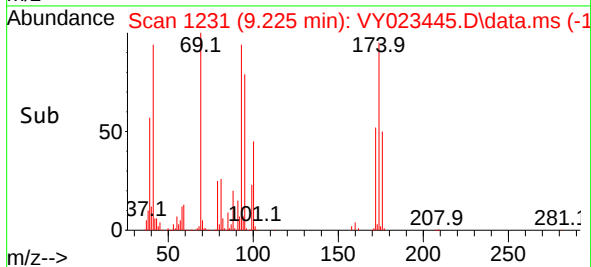
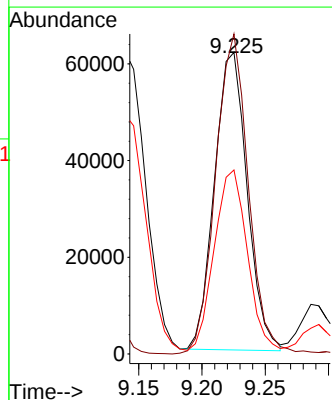
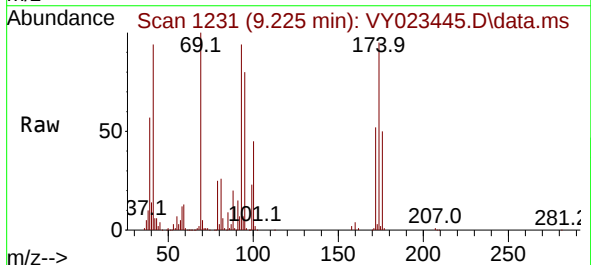
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 368527
Ion Ratio Lower Upper
83 100
85 64.7 50.8 76.2
127 9.6 7.4 11.2



#48
Methyl methacrylate
Concen: 44.813 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 41 Resp: 110743
Ion Ratio Lower Upper
41 100
69 108.0 81.0 121.4
39 60.9 48.2 72.4





#49

1,4-Dioxane

Concen: 881.740 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

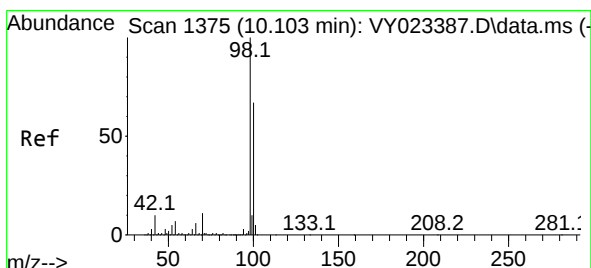
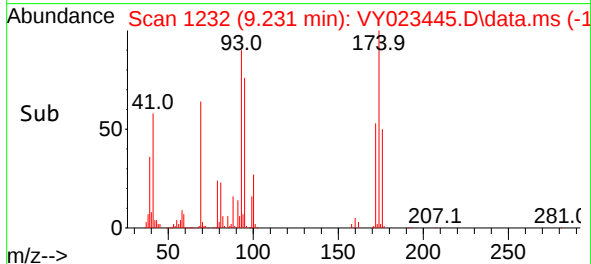
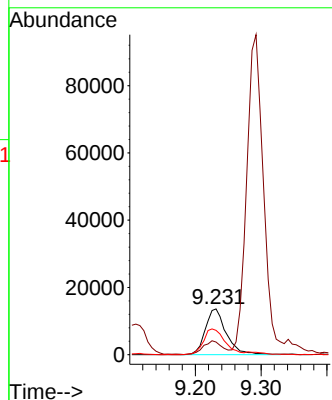
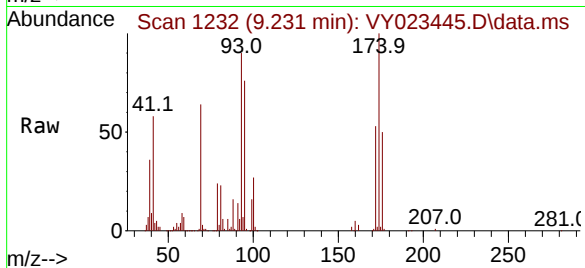
Tgt Ion: 88 Resp: 30110

Ion Ratio Lower Upper

88 100

43 26.5 21.8 32.8

58 57.7 46.8 70.2



#50

Toluene-d8

Concen: 48.665 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023445.D

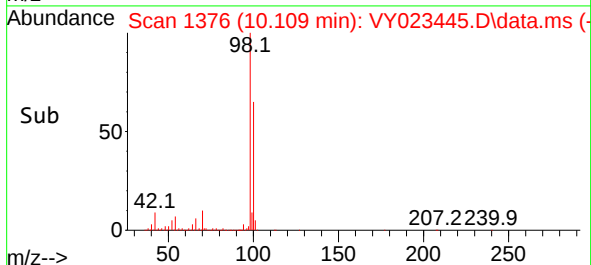
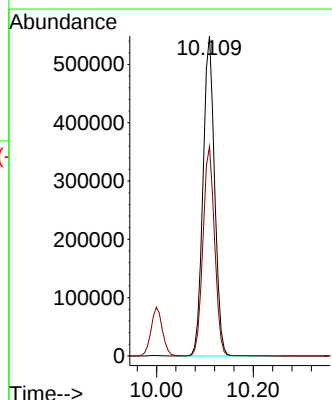
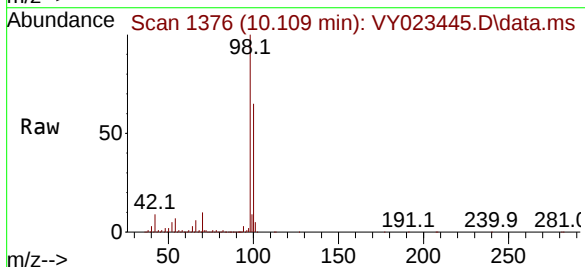
Acq: 10 Oct 2025 17:33

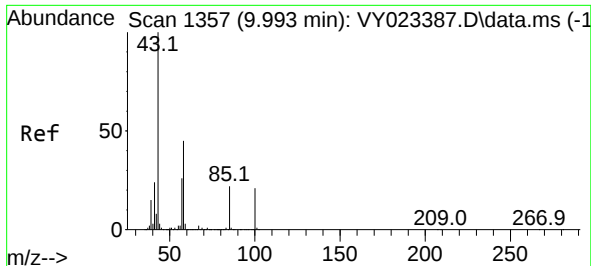
Tgt Ion: 98 Resp: 911545

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 225.398 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

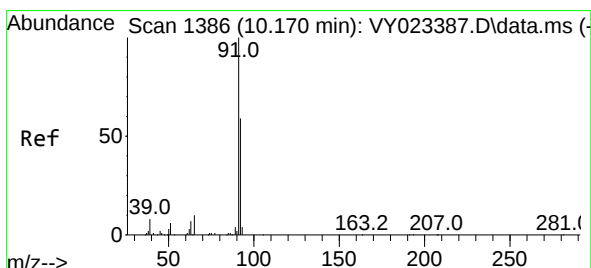
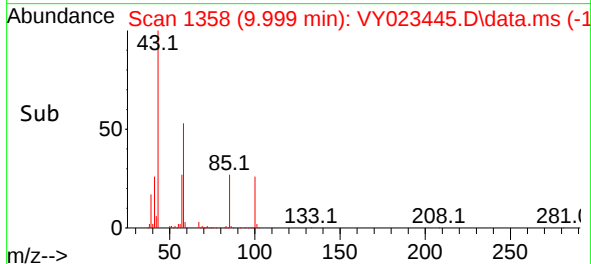
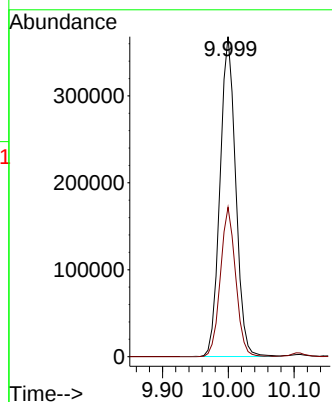
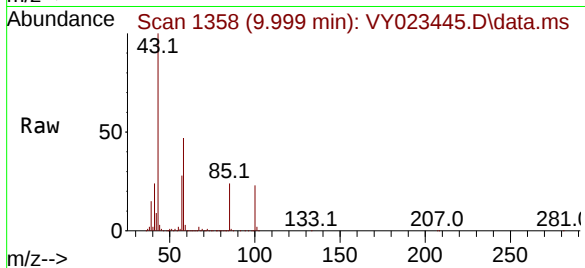
VSTDCCC050EC

Tgt Ion: 43 Resp: 612591

Ion Ratio Lower Upper

43 100

58 45.4 35.3 52.9



#52

Toluene

Concen: 51.378 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023445.D

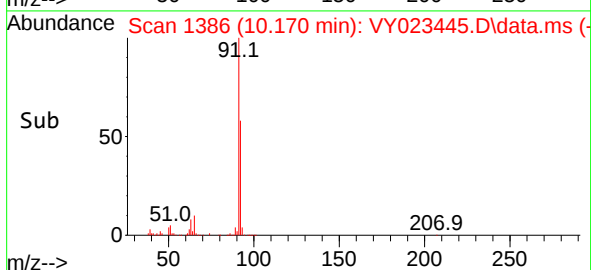
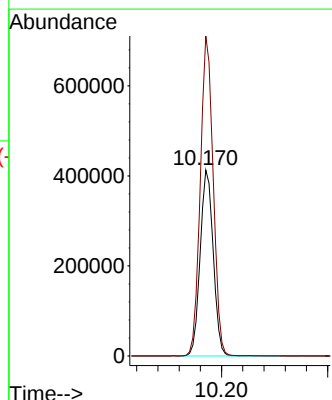
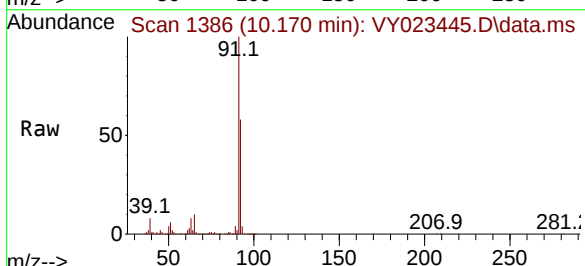
Acq: 10 Oct 2025 17:33

Tgt Ion: 92 Resp: 703474

Ion Ratio Lower Upper

92 100

91 170.2 136.4 204.6

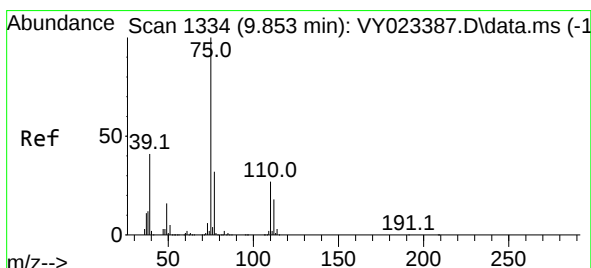
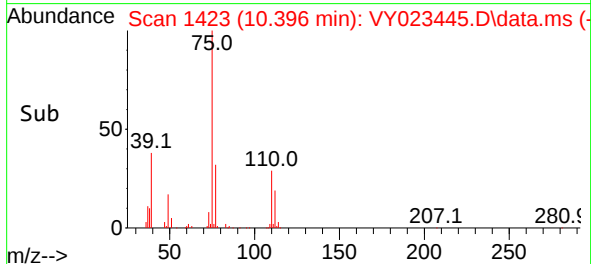
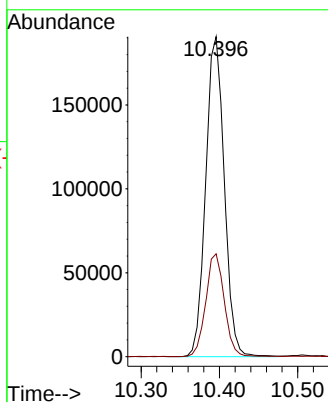
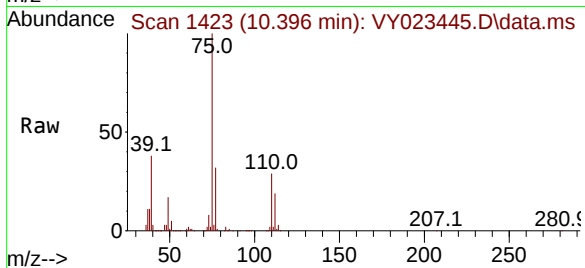




#53
 t-1,3-Dichloropropene
 Concen: 48.647 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023445.D
 Acq: 10 Oct 2025 17:33

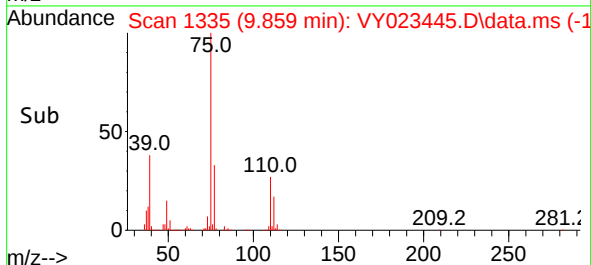
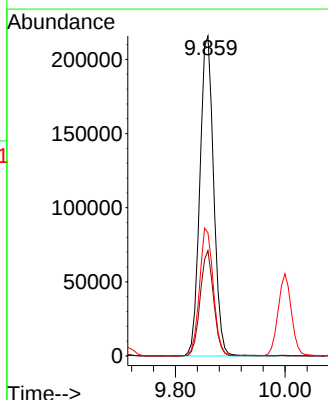
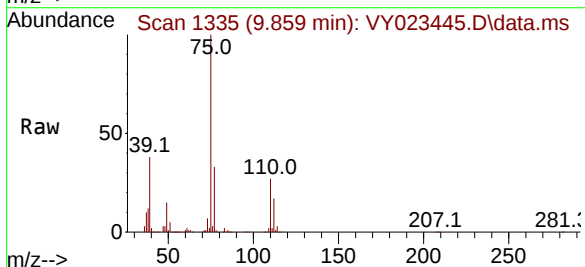
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

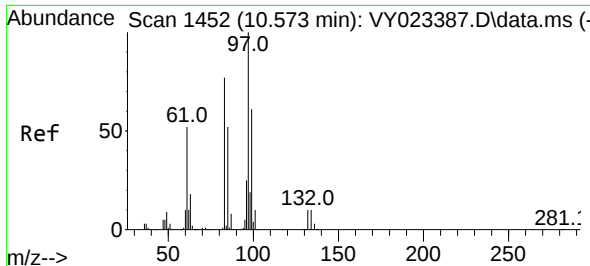
Tgt Ion: 75 Resp: 313770
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.495 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023445.D
 Acq: 10 Oct 2025 17:33

Tgt Ion: 75 Resp: 376776
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0
 39 38.4 32.8 49.2

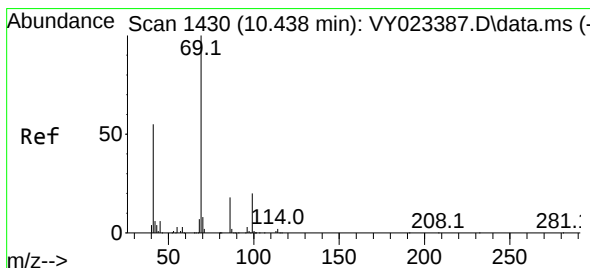
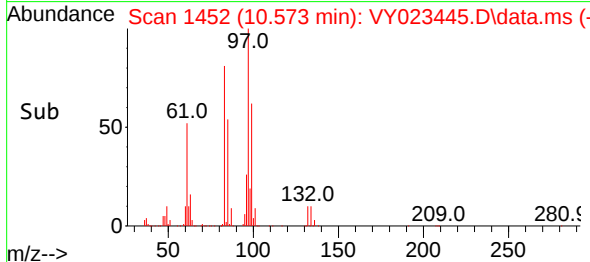
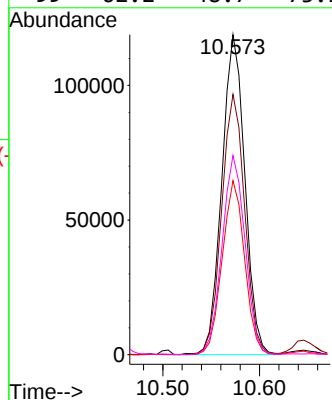
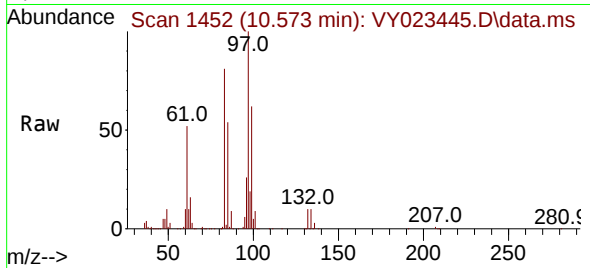




#55
1,1,2-Trichloroethane
Concen: 49.602 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

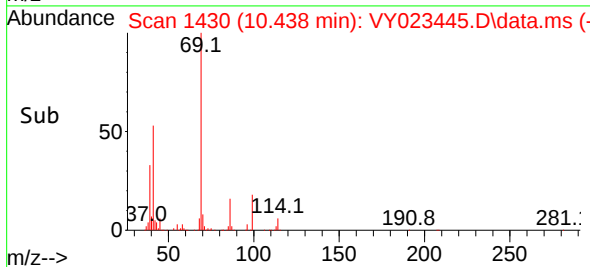
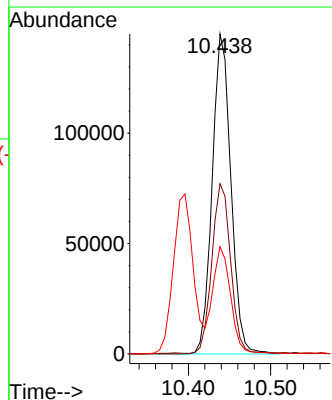
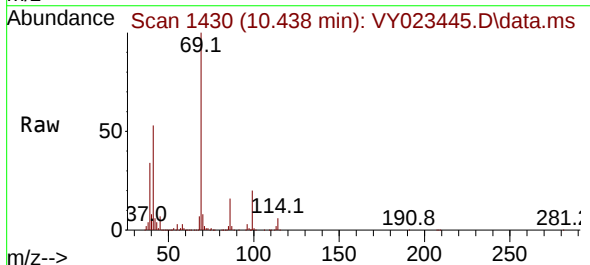
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

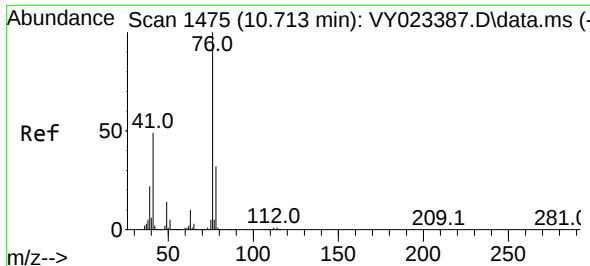
Tgt Ion:	97	Resp:	196457
Ion	Ratio	Lower	Upper
97	100		
83	81.3	61.8	92.6
85	54.3	41.3	61.9
99	62.2	48.7	73.1



#56
Ethyl methacrylate
Concen: 50.168 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion:	69	Resp:	229204
Ion	Ratio	Lower	Upper
69	100		
41	52.9	44.6	67.0
39	31.6	27.0	40.4





#57

1,3-Dichloropropane

Concen: 48.959 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

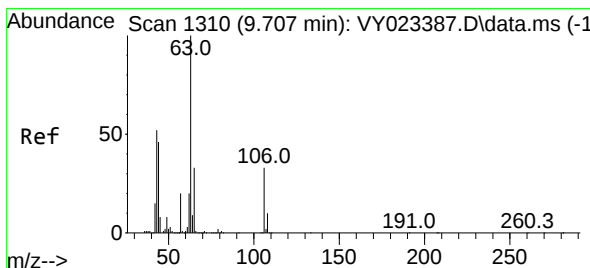
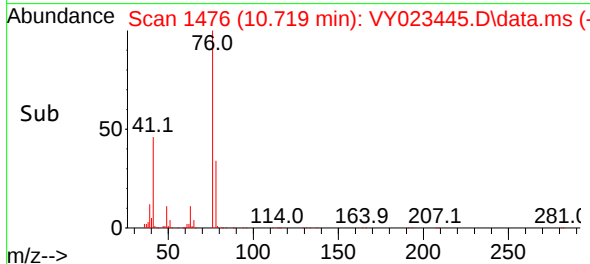
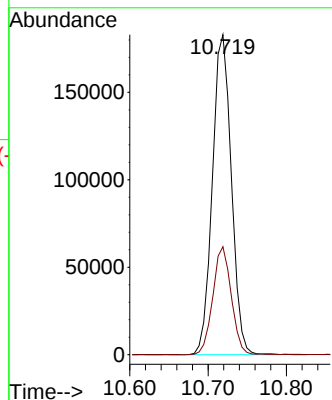
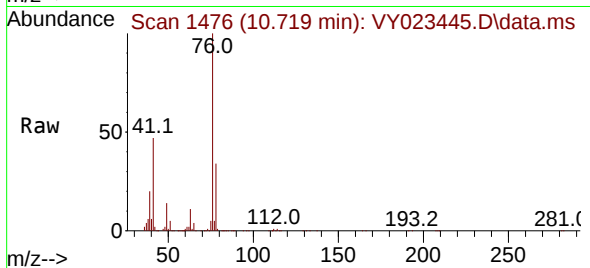
VSTDCCC050EC

Tgt Ion: 76 Resp: 307270

Ion Ratio Lower Upper

76 100

78 33.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 254.104 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023445.D

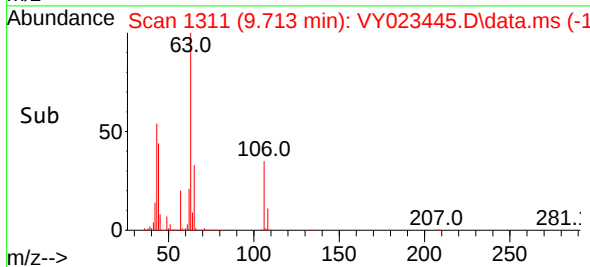
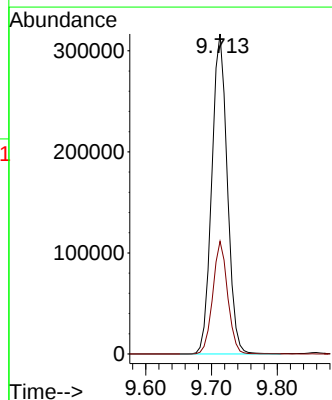
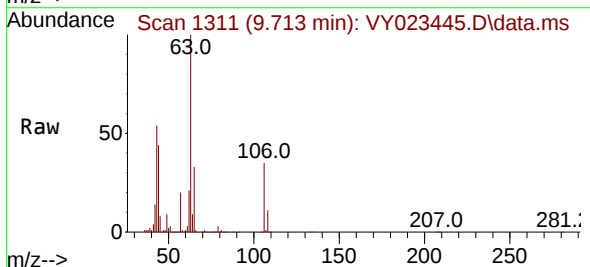
Acq: 10 Oct 2025 17:33

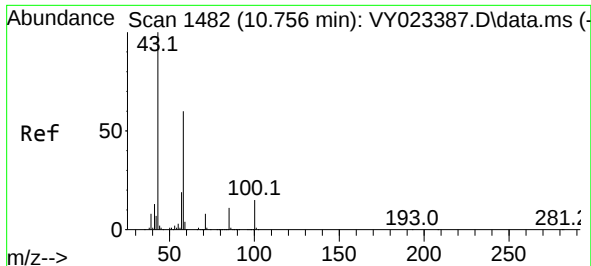
Tgt Ion: 63 Resp: 520061

Ion Ratio Lower Upper

63 100

106 33.7 26.6 39.8

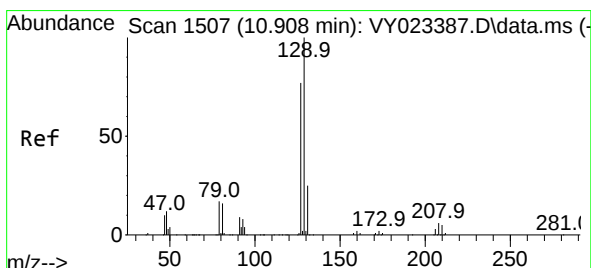
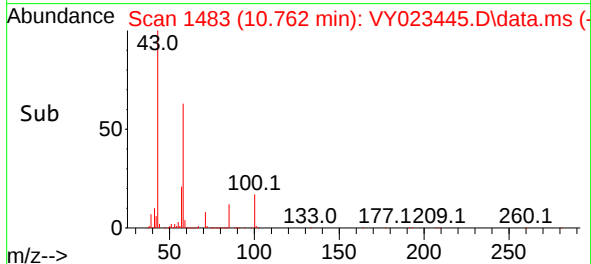
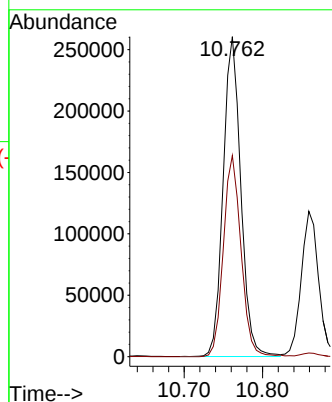
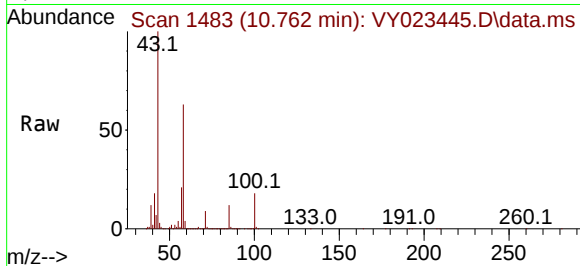




#59
2-Hexanone
Concen: 210.613 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

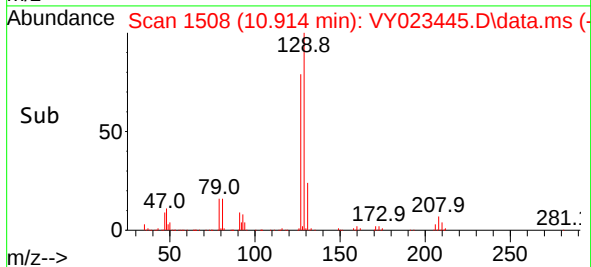
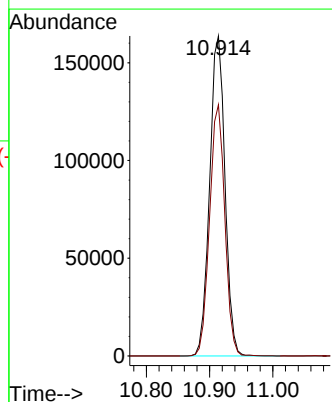
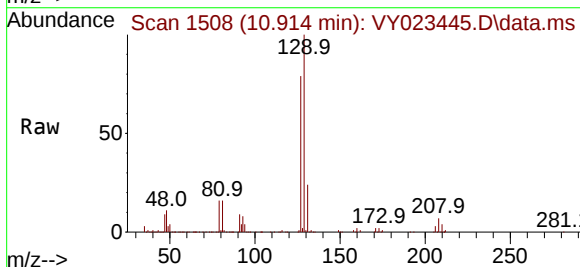
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

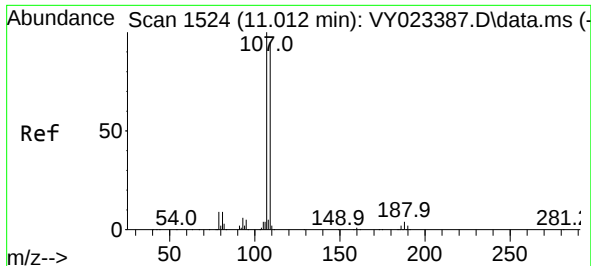
Tgt Ion: 43 Resp: 409070
Ion Ratio Lower Upper
43 100
58 62.9 30.5 91.5



#60
Dibromochloromethane
Concen: 49.750 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 129 Resp: 276257
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.7

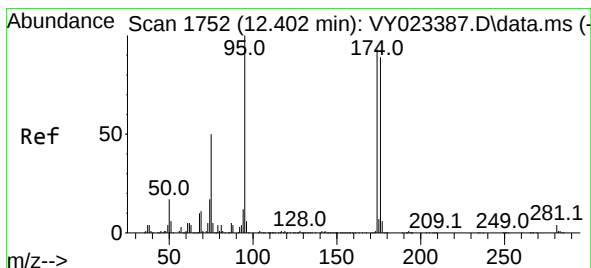
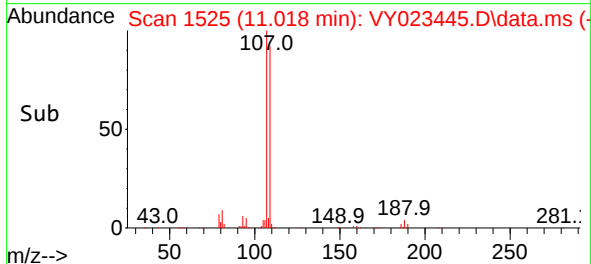
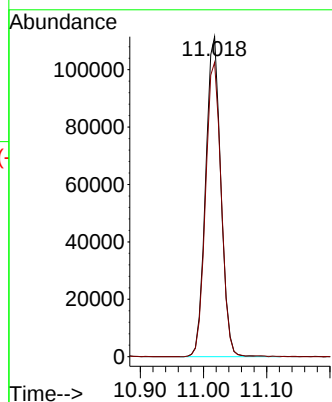
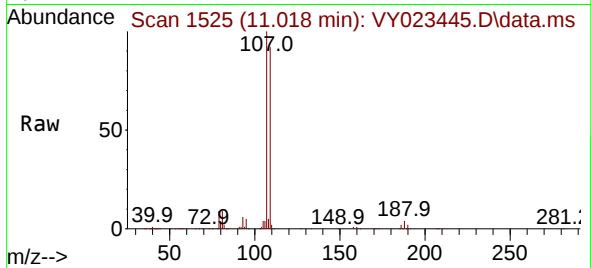




#61
1,2-Dibromoethane
Concen: 49.359 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

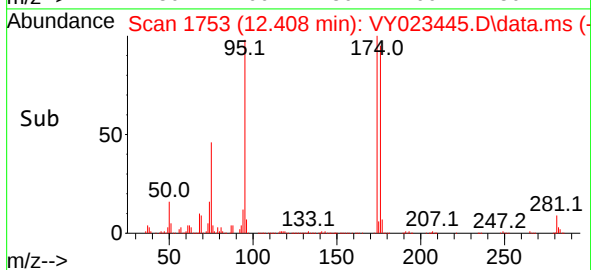
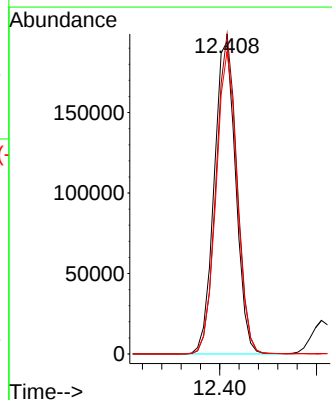
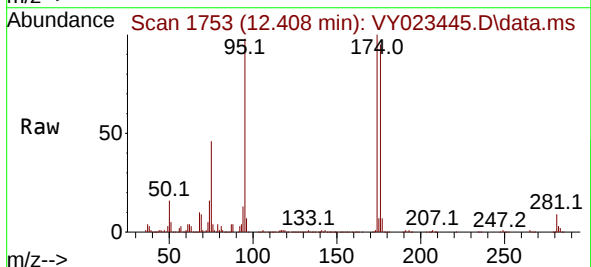
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

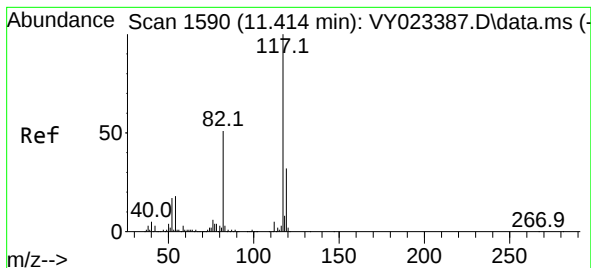
Tgt Ion:107 Resp: 186443
Ion Ratio Lower Upper
107 100
109 94.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 48.850 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 95 Resp: 302094
Ion Ratio Lower Upper
95 100
174 98.5 0.0 192.8
176 94.2 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

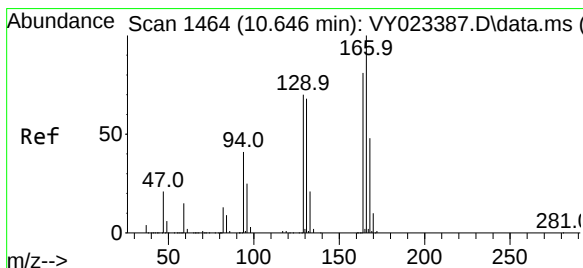
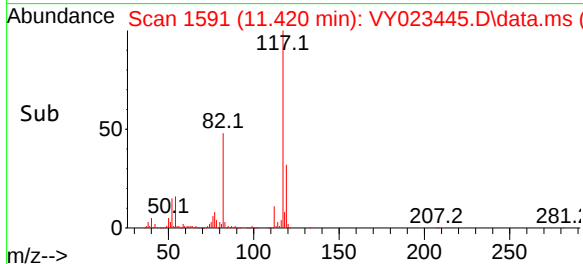
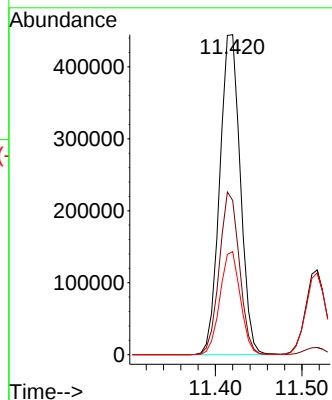
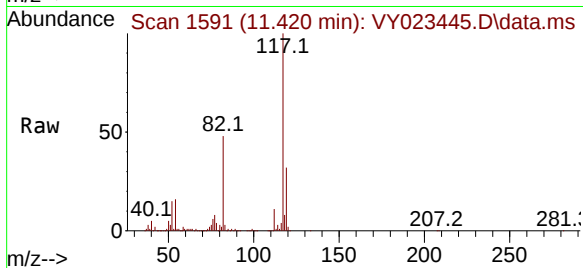
Tgt Ion:117 Resp: 736445

Ion Ratio Lower Upper

117 100

82 48.2 41.0 61.4

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 51.184 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Tgt Ion:164 Resp: 389211

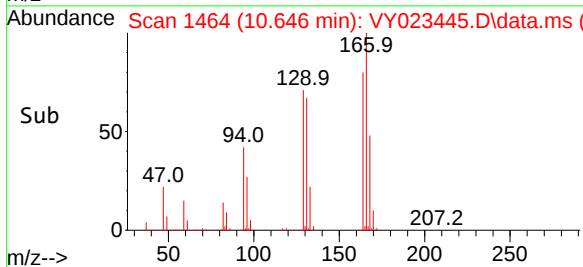
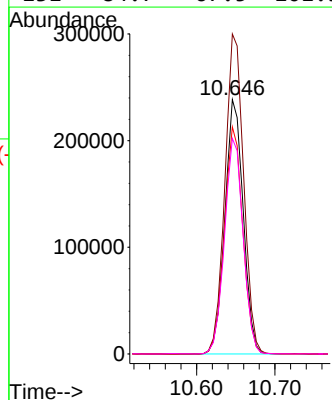
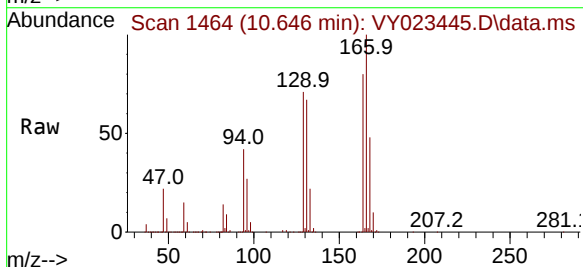
Ion Ratio Lower Upper

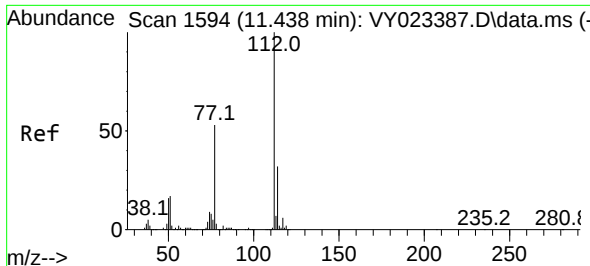
164 100

166 125.8 99.4 149.0

129 89.2 69.4 104.2

131 84.7 67.5 101.3

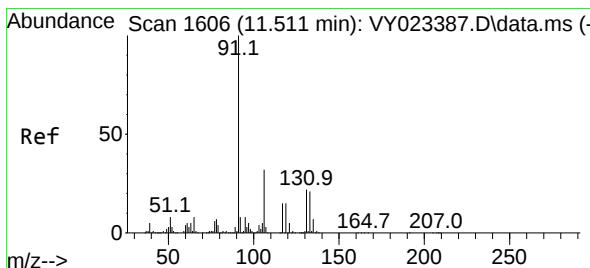
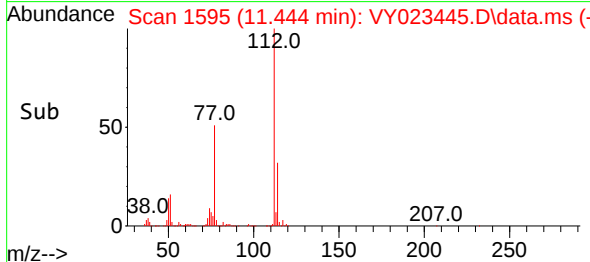
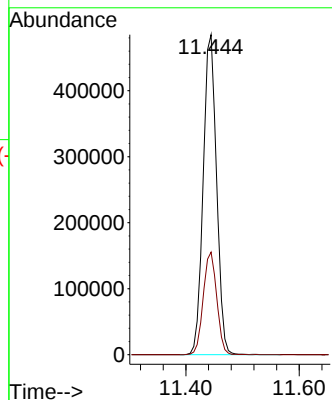
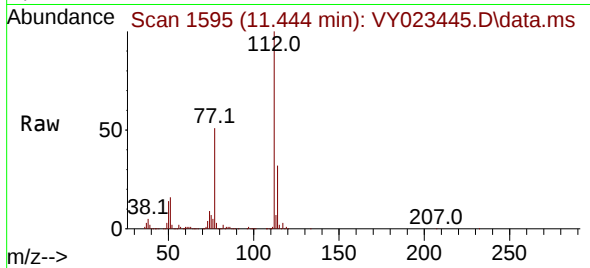




#65
Chlorobenzene
Concen: 49.375 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

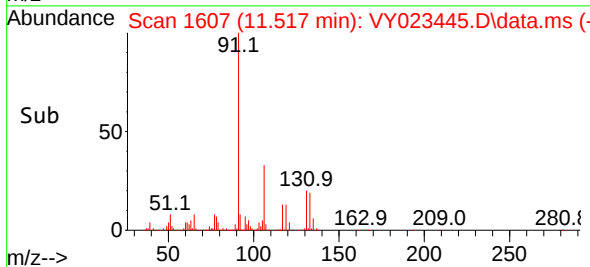
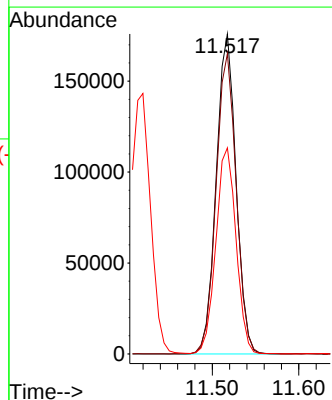
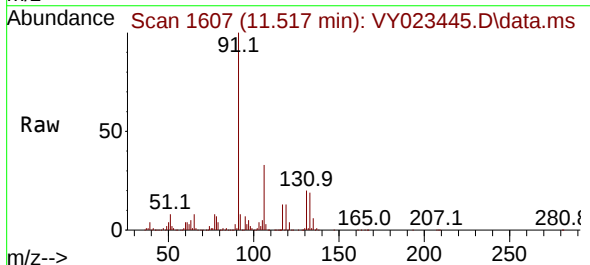
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

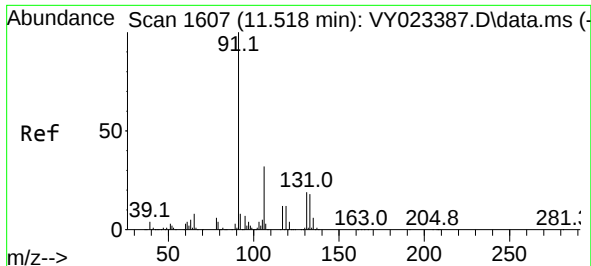
Tgt Ion:112 Resp: 790856
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.983 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion:131 Resp: 279586
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.2
119 65.7 32.4 97.2





#67

Ethyl Benzene

Concen: 51.180 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

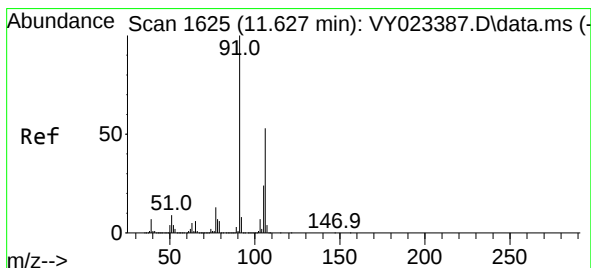
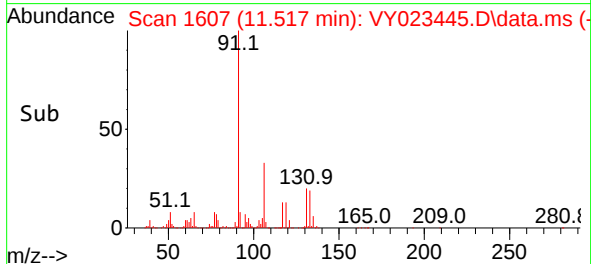
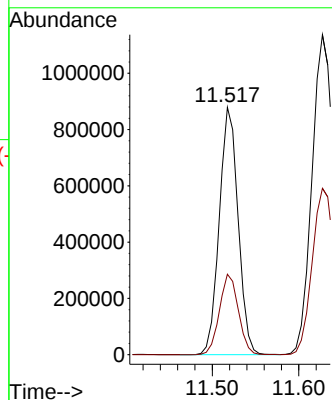
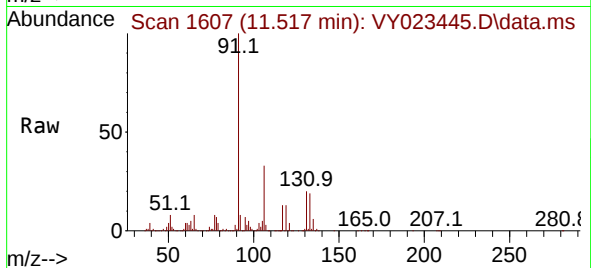
VSTDCCC050EC

Tgt Ion: 91 Resp: 1326965

Ion Ratio Lower Upper

91 100

106 32.5 25.8 38.8



#68

m/p-Xylenes

Concen: 102.864 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023445.D

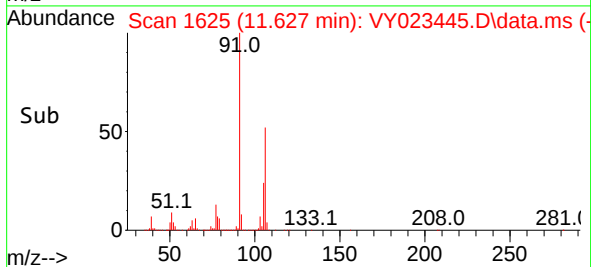
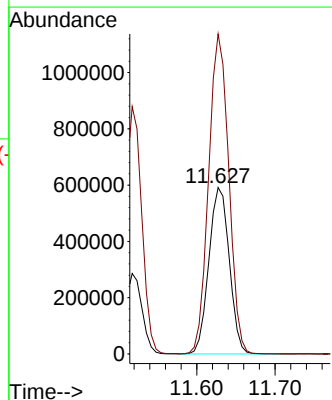
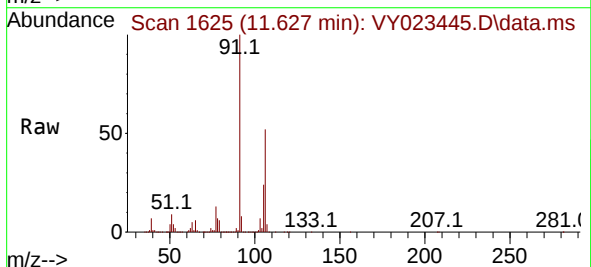
Acq: 10 Oct 2025 17:33

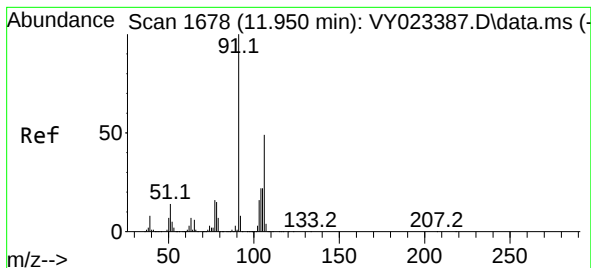
Tgt Ion:106 Resp: 1069715

Ion Ratio Lower Upper

106 100

91 189.7 152.6 229.0





#69

o-Xylene

Concen: 51.685 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

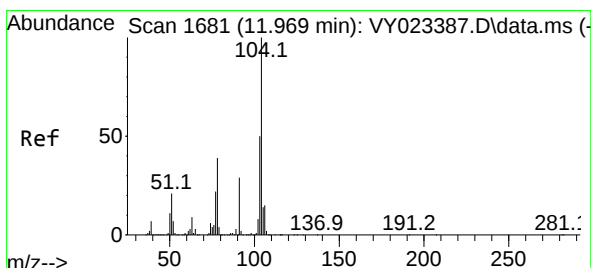
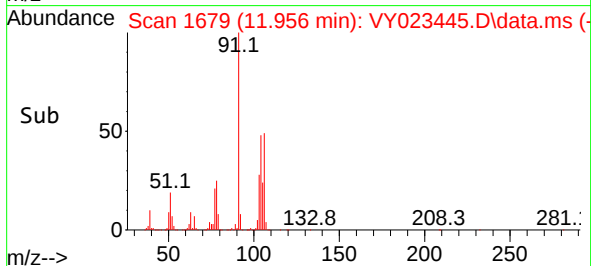
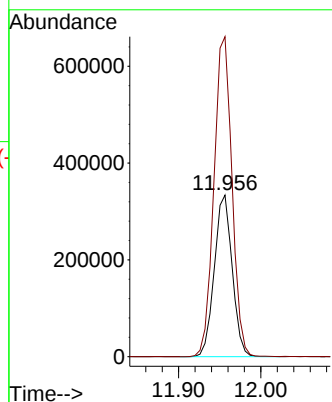
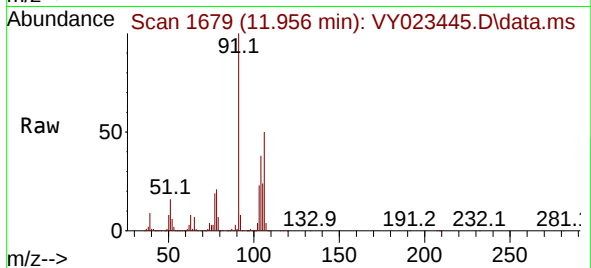
VSTDCCC050EC

Tgt Ion:106 Resp: 504150

Ion Ratio Lower Upper

106 100

91 199.8 101.4 304.1



#70

Styrene

Concen: 51.477 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

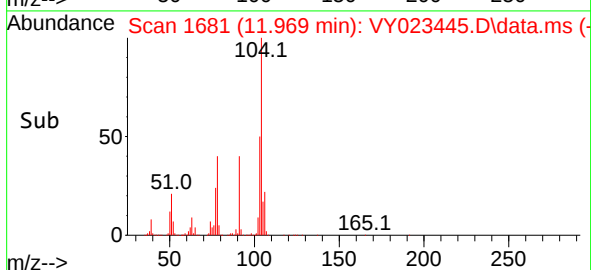
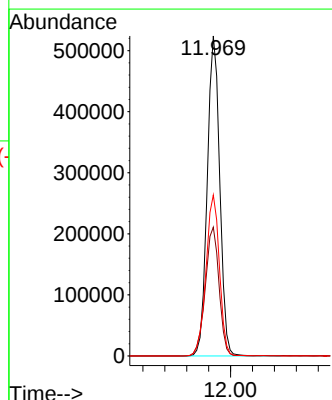
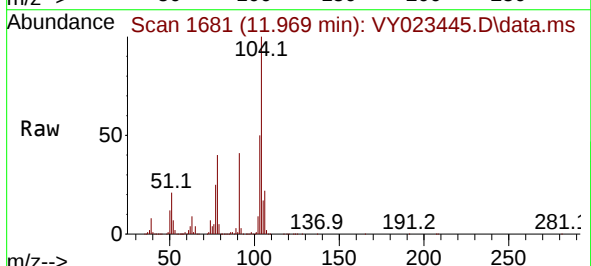
Tgt Ion:104 Resp: 825716

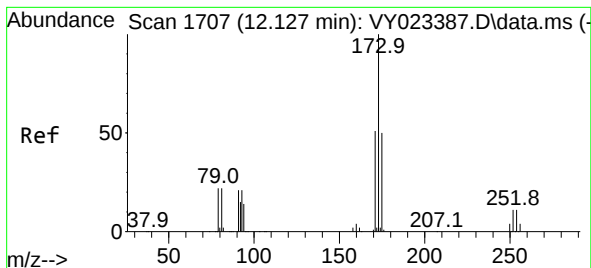
Ion Ratio Lower Upper

104 100

78 44.4 36.1 54.1

103 54.2 43.2 64.8





#71

Bromoform

Concen: 47.498 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

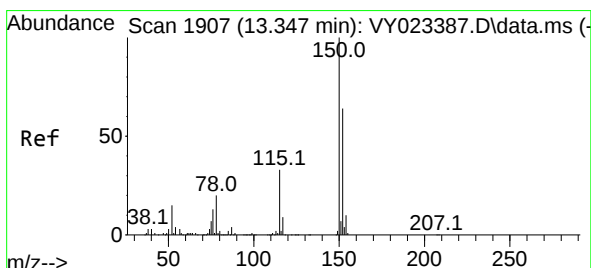
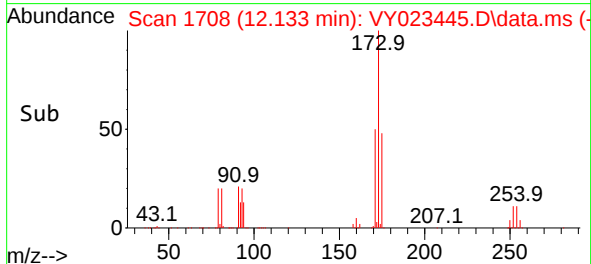
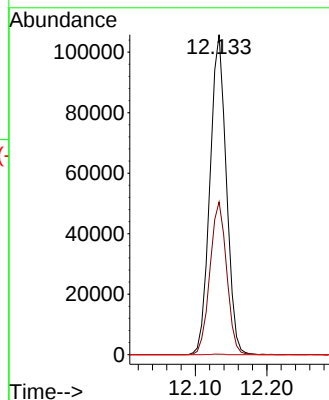
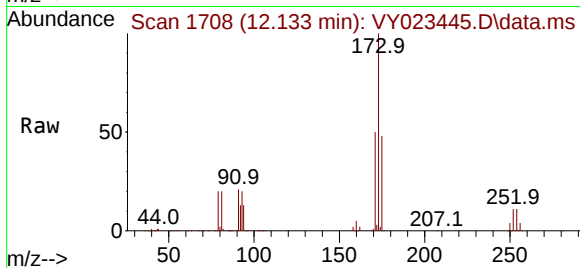
Tgt Ion:173 Resp: 168167

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

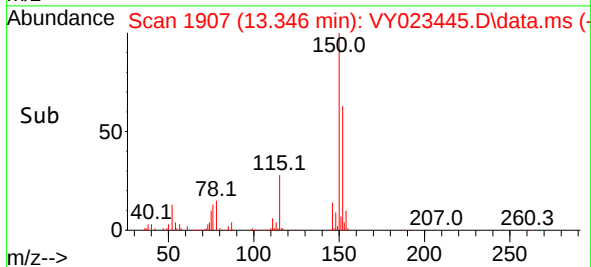
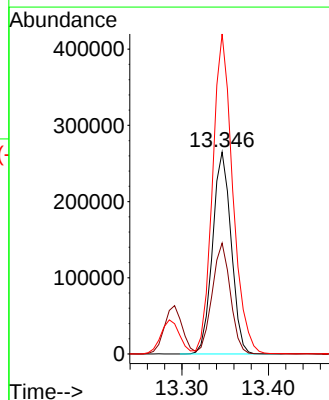
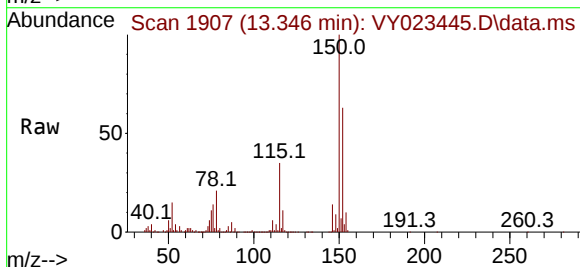
Tgt Ion:152 Resp: 394188

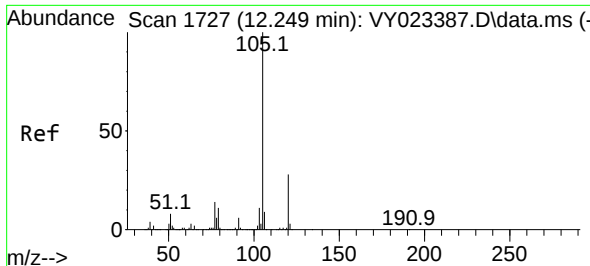
Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.2

150 172.4 0.0 347.4

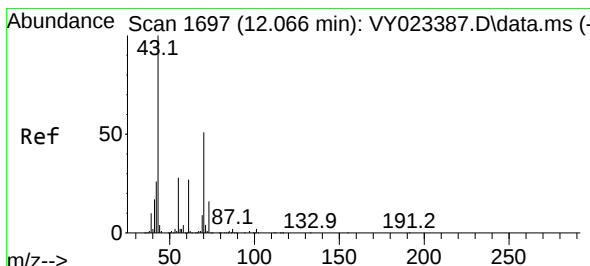
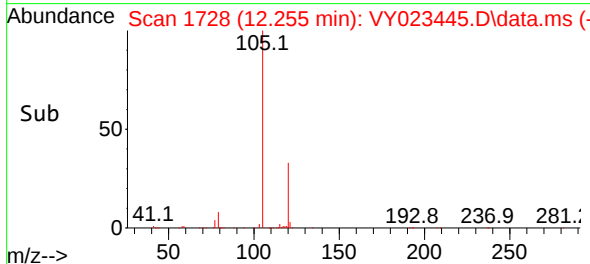
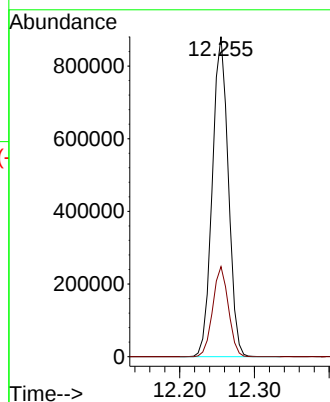
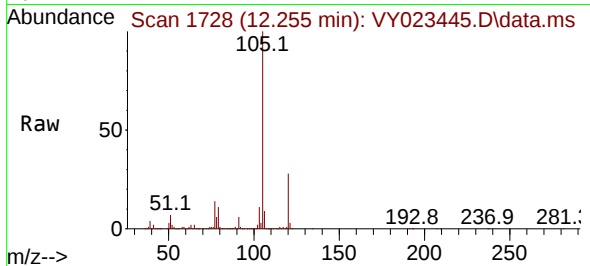




#73
Isopropylbenzene
Concen: 50.351 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

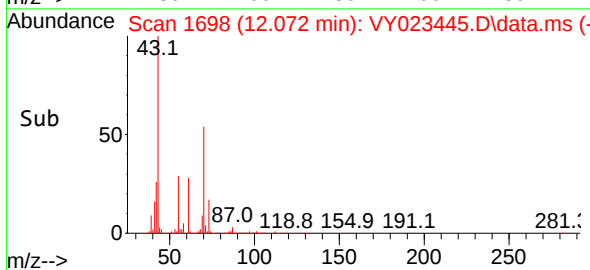
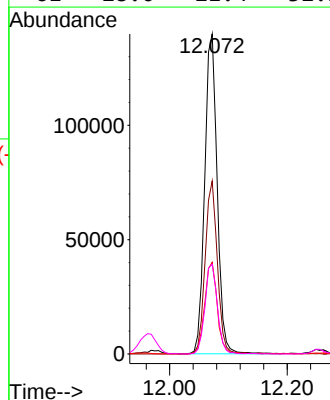
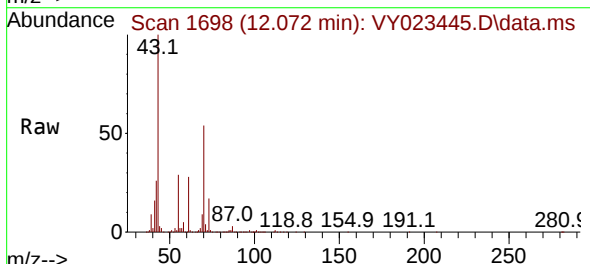
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

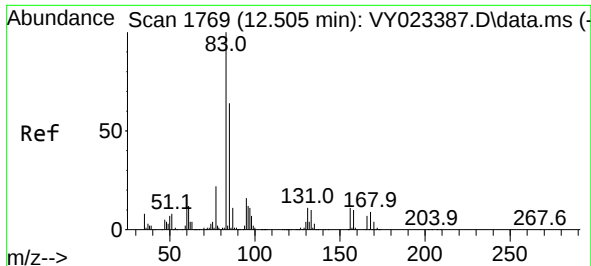
Tgt Ion:105 Resp: 1307982
Ion Ratio Lower Upper
105 100
120 27.6 13.9 41.7



#74
N-ethyl acetate
Concen: 44.075 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 43 Resp: 205651
Ion Ratio Lower Upper
43 100
70 53.1 41.1 61.7
55 29.1 23.0 34.6
61 28.0 21.4 32.2

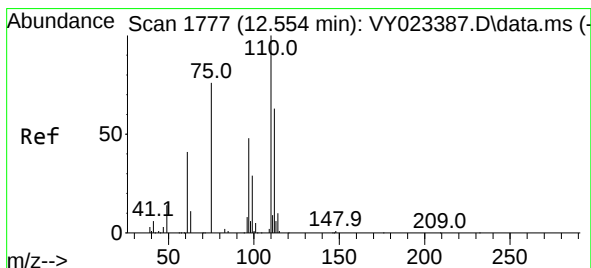
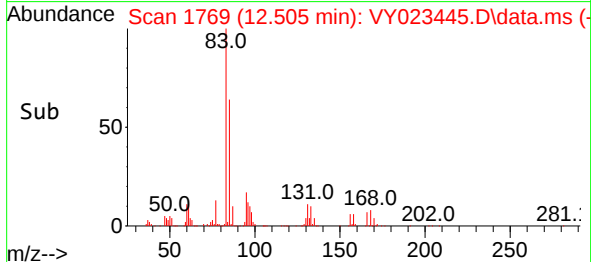
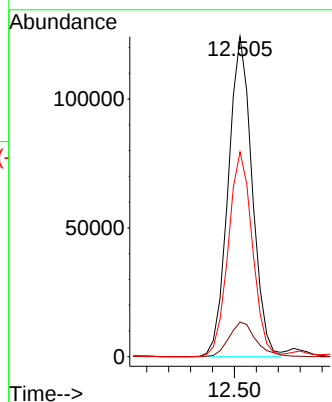
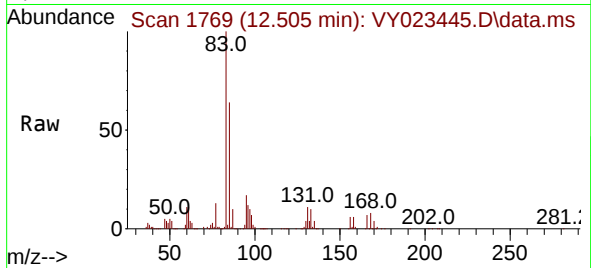




#75
1,1,2,2-Tetrachloroethane
Concen: 44.218 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

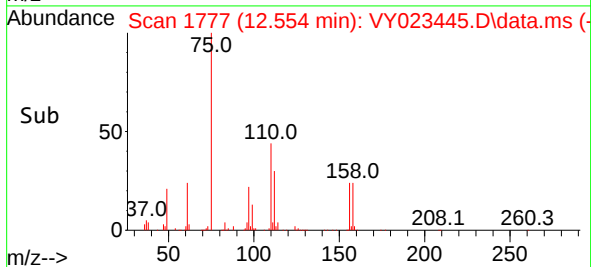
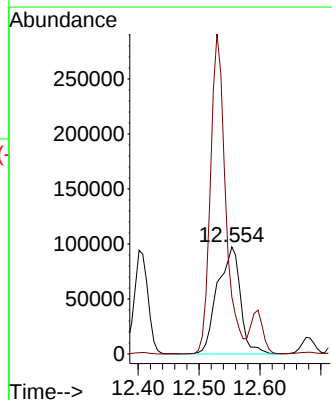
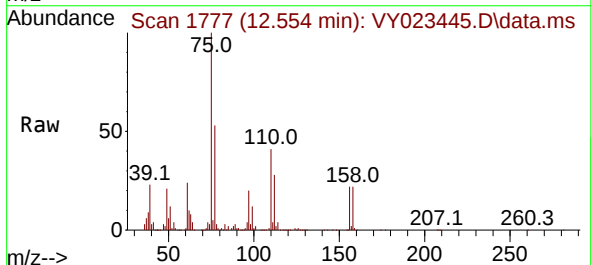
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

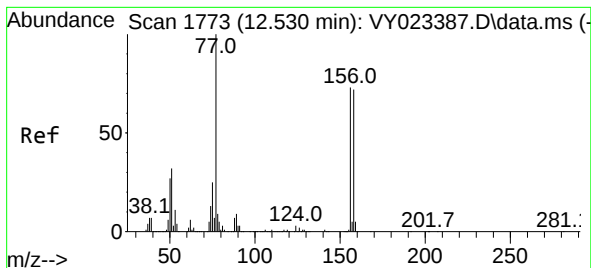
Tgt Ion: 83 Resp: 187874
Ion Ratio Lower Upper
83 100
131 12.2 5.9 17.6
85 64.5 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 72.820 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 75 Resp: 253254
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.139 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

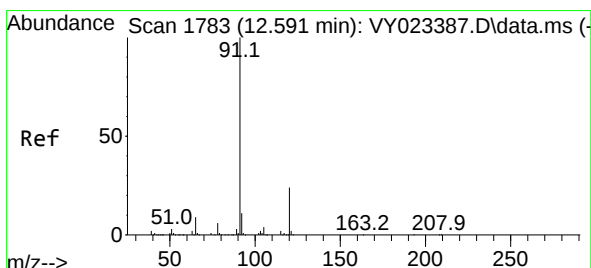
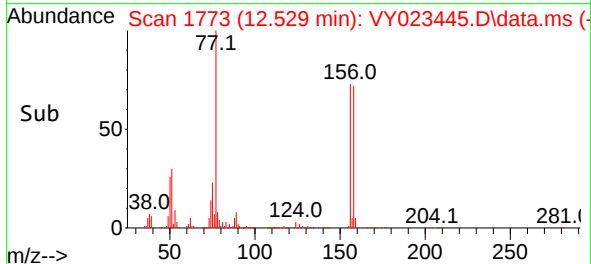
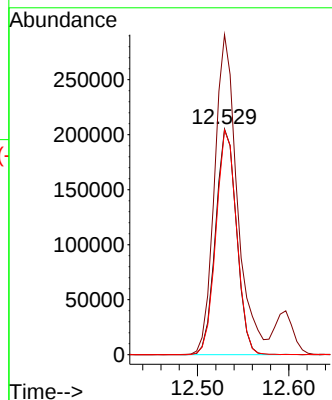
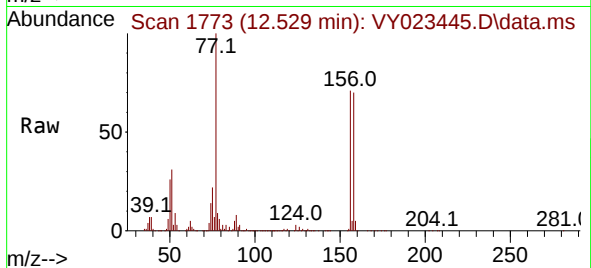
Tgt Ion:156 Resp: 325547

Ion Ratio Lower Upper

156 100

77 153.9 76.8 230.5

158 98.7 49.0 147.2



#78

n-propylbenzene

Concen: 50.389 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023445.D

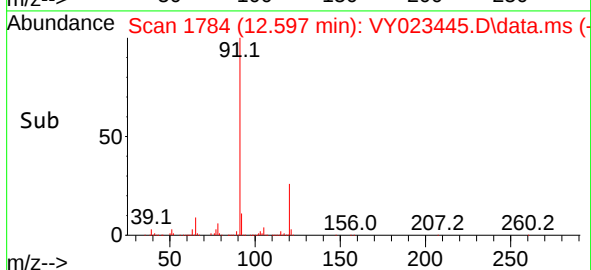
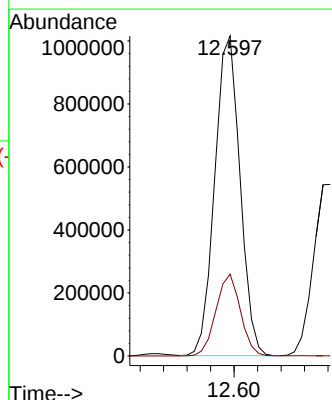
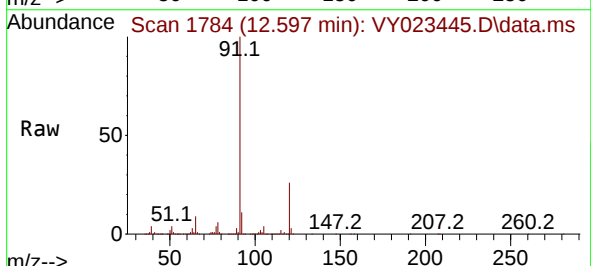
Acq: 10 Oct 2025 17:33

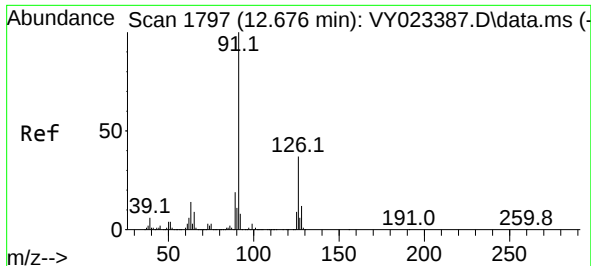
Tgt Ion: 91 Resp: 1514758

Ion Ratio Lower Upper

91 100

120 24.8 12.3 36.8

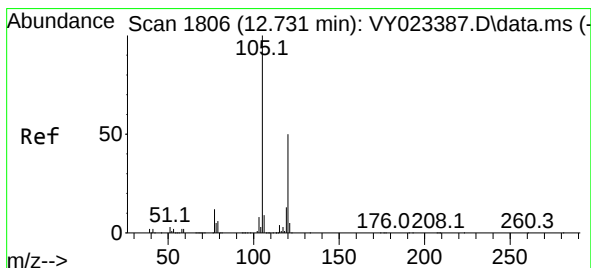
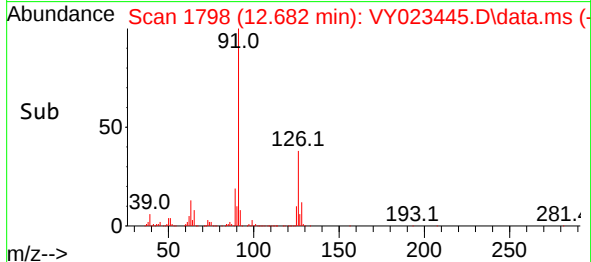
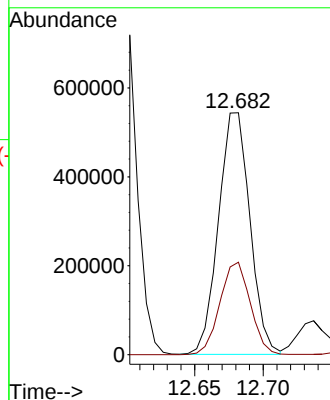
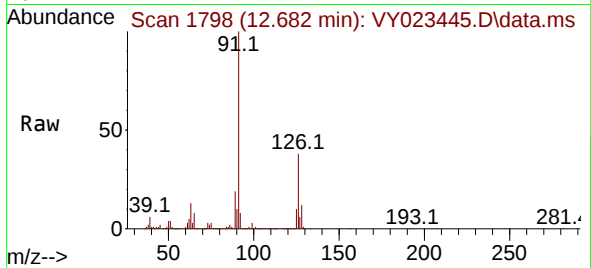




#79
2-Chlorotoluene
Concen: 49.389 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

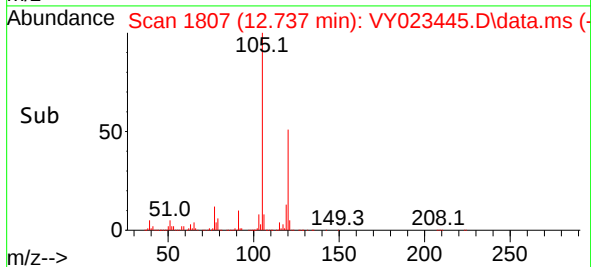
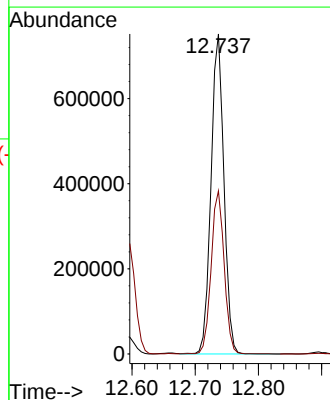
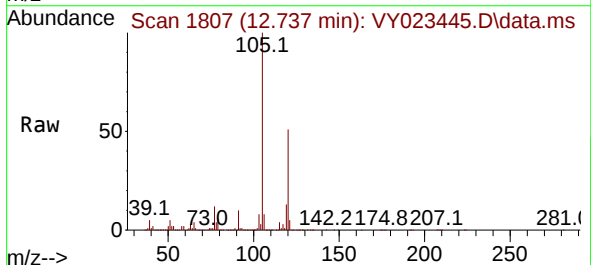
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

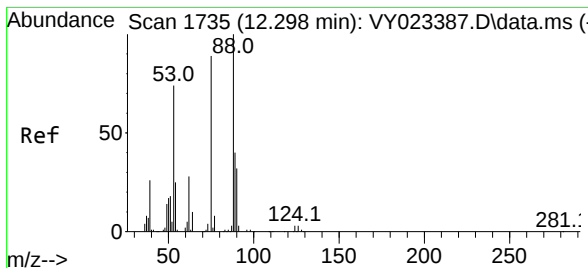
Tgt Ion: 91 Resp: 869436
Ion Ratio Lower Upper
91 100
126 36.9 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 50.698 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 105 Resp: 1064233
Ion Ratio Lower Upper
105 100
120 51.5 25.4 76.4

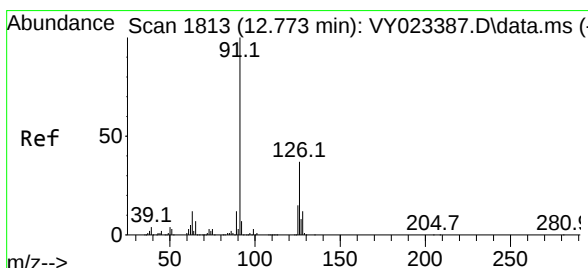
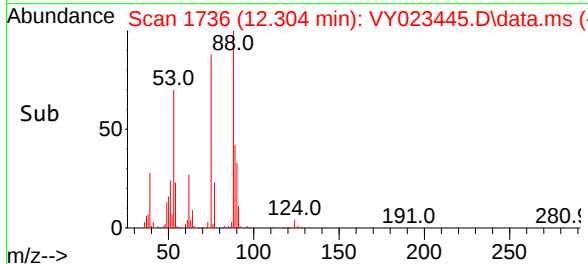
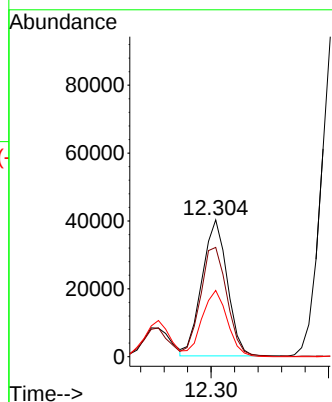
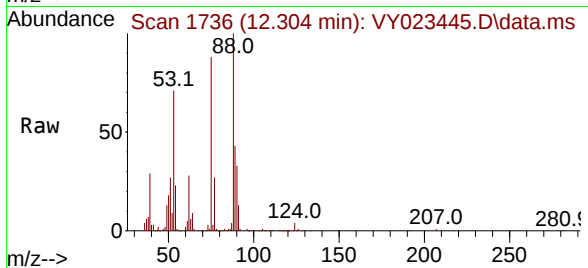




#81
trans-1,4-Dichloro-2-butene
Concen: 42.307 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

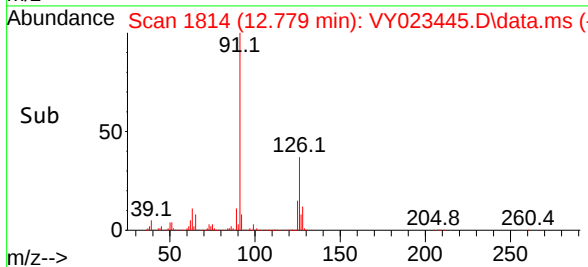
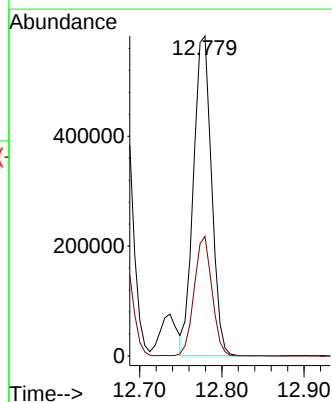
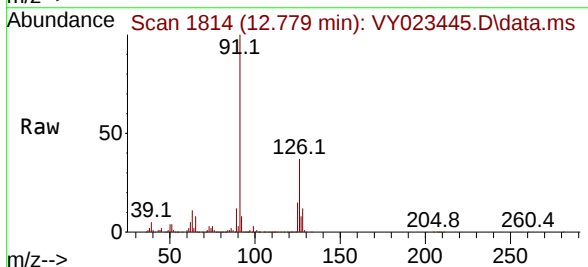
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

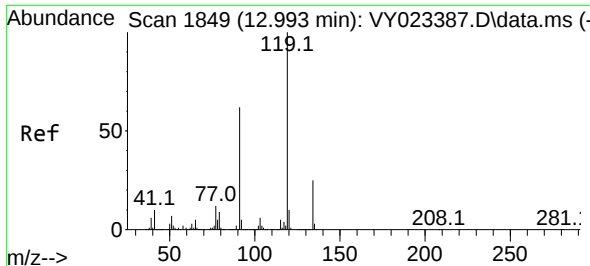
Tgt Ion: 75 Resp: 60001
Ion Ratio Lower Upper
75 100
53 85.2 68.6 102.8
89 49.3 39.0 58.4



#82
4-Chlorotoluene
Concen: 49.011 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 91 Resp: 888555
Ion Ratio Lower Upper
91 100
126 37.0 18.4 55.4

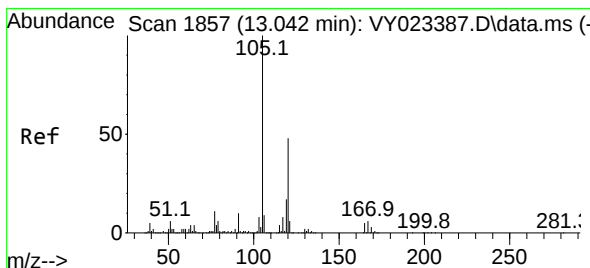
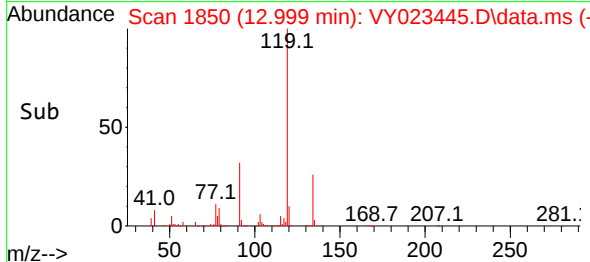
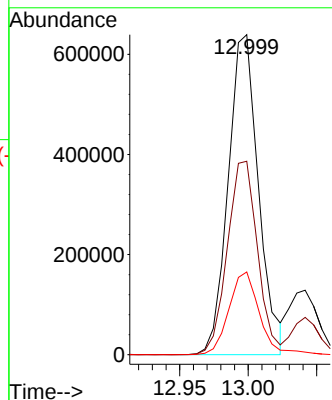
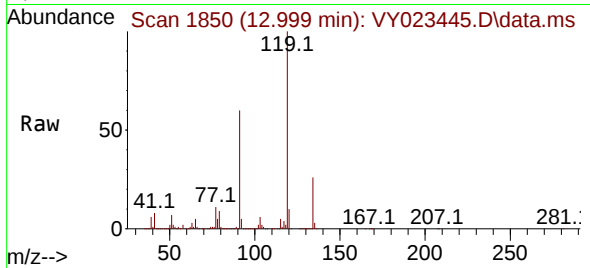




#83
tert-Butylbenzene
Concen: 50.804 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

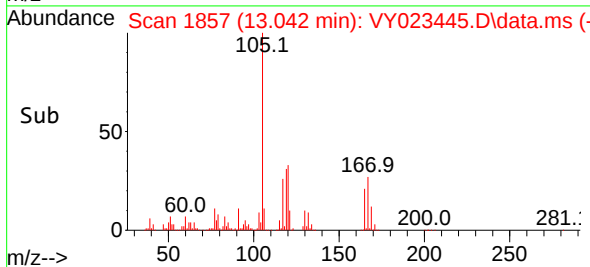
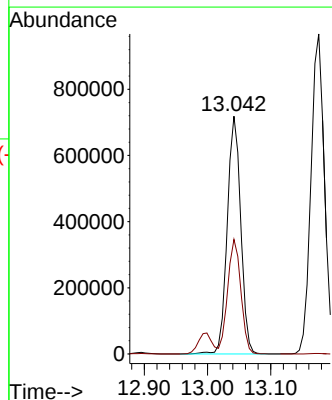
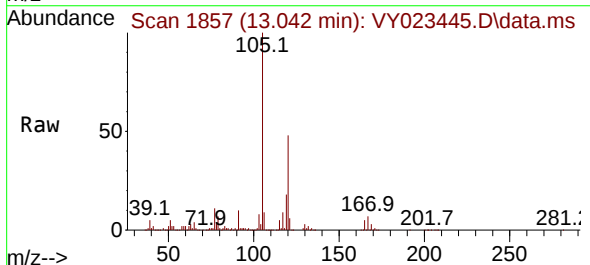
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

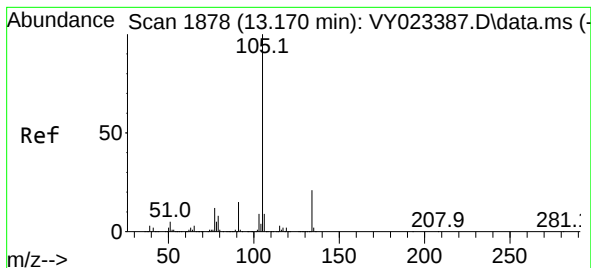
Tgt Ion:119 Resp: 984683
Ion Ratio Lower Upper
119 100
91 60.3 29.9 89.8
134 26.1 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 50.487 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion:105 Resp: 1057692
Ion Ratio Lower Upper
105 100
120 47.1 23.8 71.2





#85

sec-Butylbenzene

Concen: 50.869 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

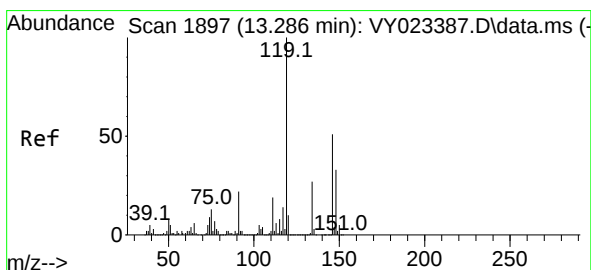
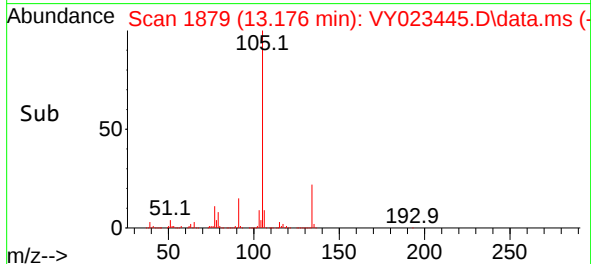
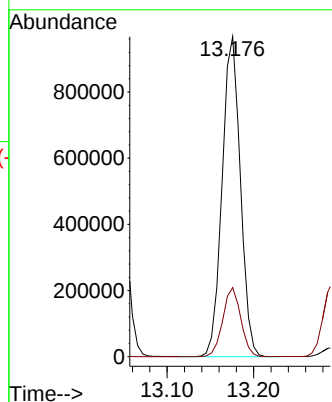
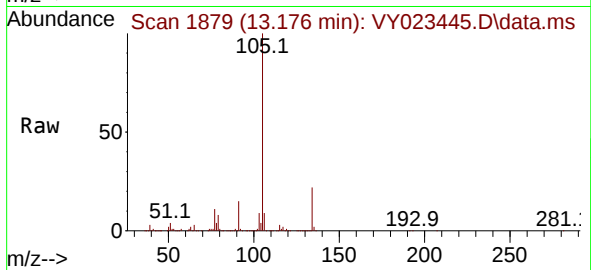
VSTDCCC050EC

Tgt Ion:105 Resp: 1414302

Ion Ratio Lower Upper

105 100

134 21.3 10.7 32.1



#86

p-Isopropyltoluene

Concen: 50.832 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

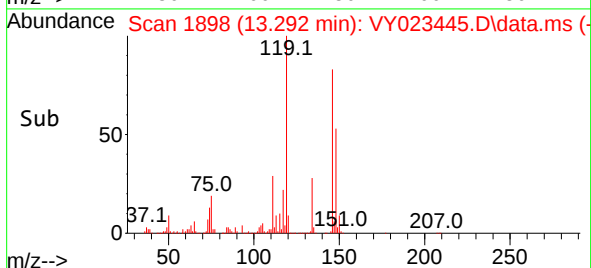
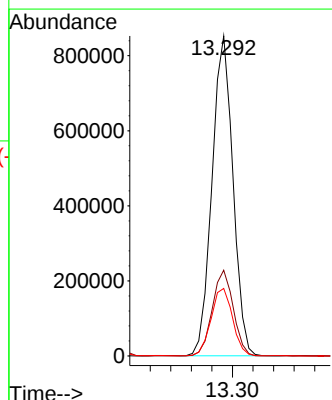
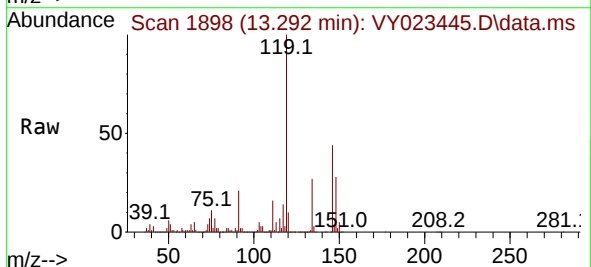
Tgt Ion:119 Resp: 1203295

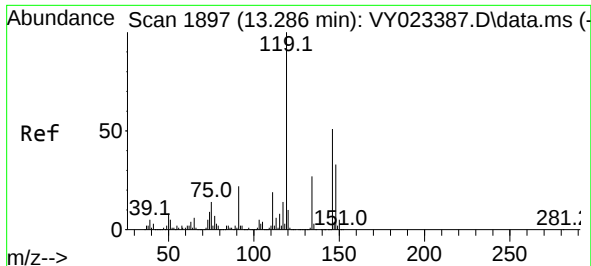
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 21.7 10.9 32.9

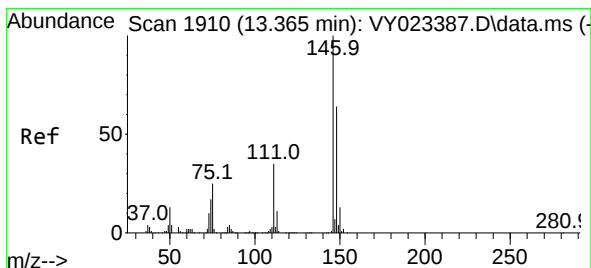
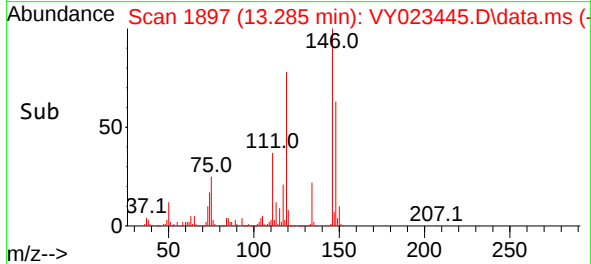
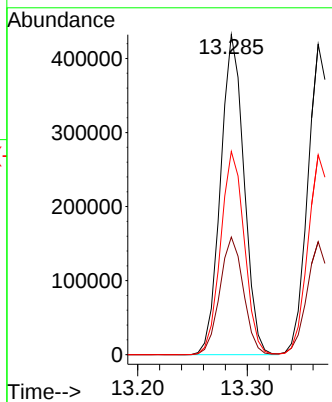
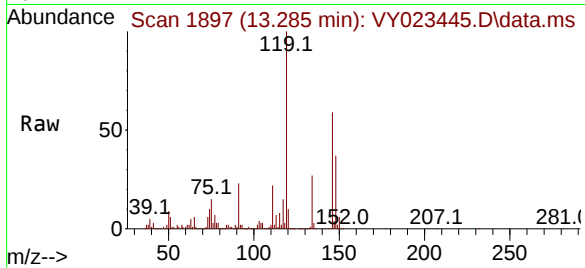




#87
1,3-Dichlorobenzene
Concen: 47.804 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

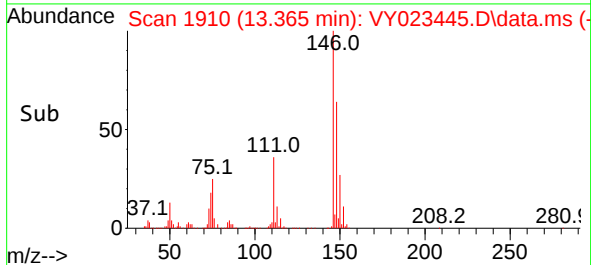
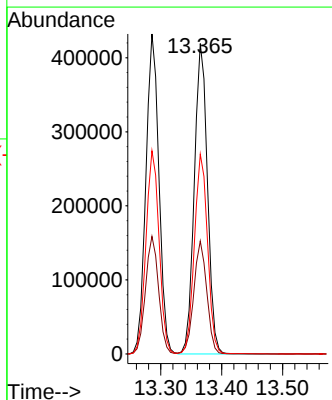
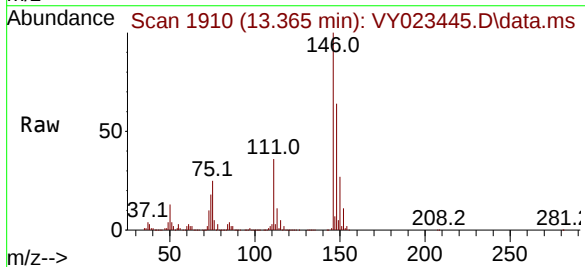
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

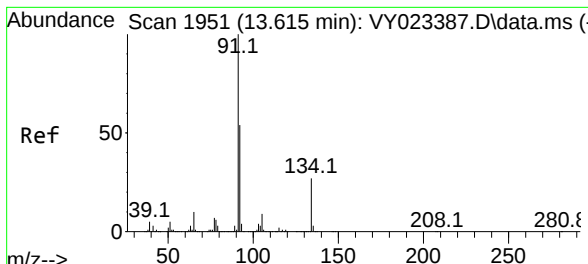
Tgt Ion:146 Resp: 642885
Ion Ratio Lower Upper
146 100
111 36.9 18.7 56.1
148 64.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 47.254 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion:146 Resp: 627634
Ion Ratio Lower Upper
146 100
111 36.0 18.0 54.0
148 64.5 31.9 95.7



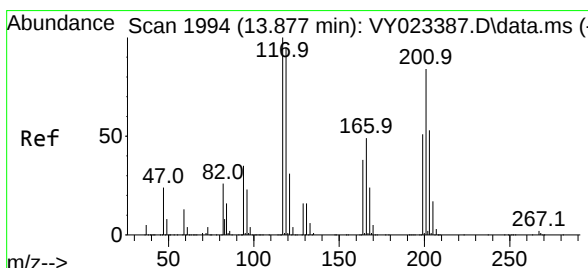
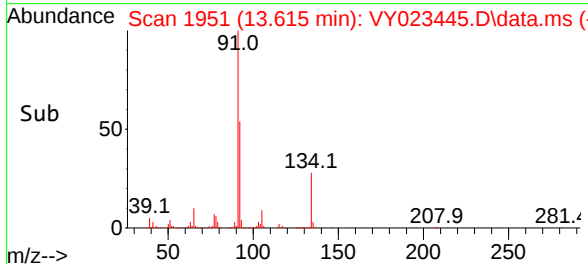
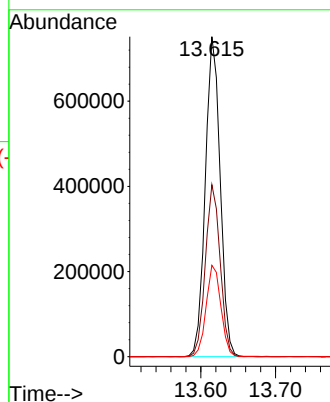
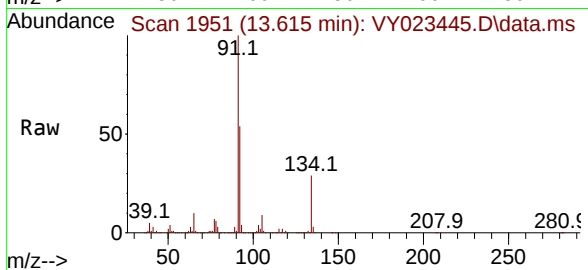


#89
n-Butylbenzene
Concen: 50.337 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1038268

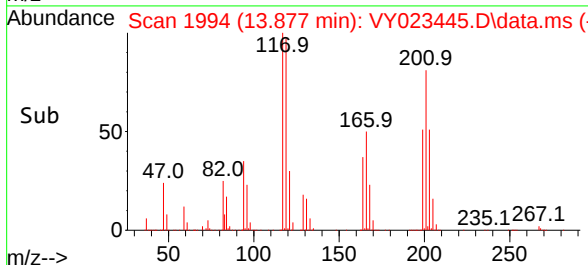
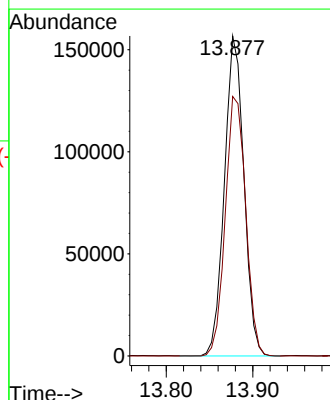
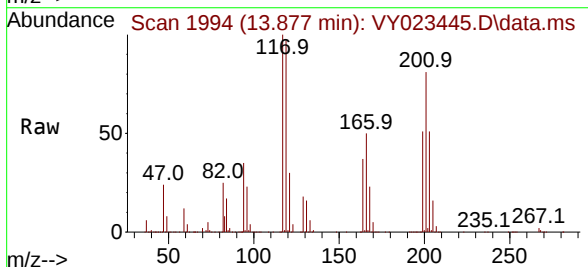
Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.0	80.8
134	28.4	14.1	42.2

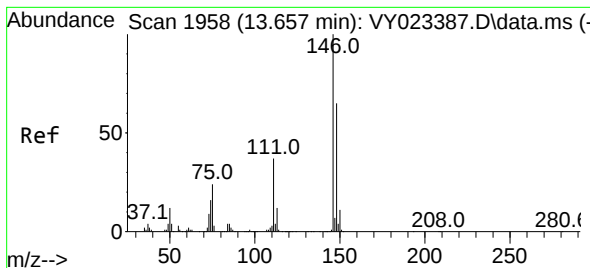


#90
Hexachloroethane
Concen: 48.159 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023445.D
Acq: 10 Oct 2025 17:33

Tgt Ion: 117 Resp: 245198

Ion	Ratio	Lower	Upper
117	100		
201	85.0	43.8	131.4





#91

1,2-Dichlorobenzene

Concen: 47.490 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

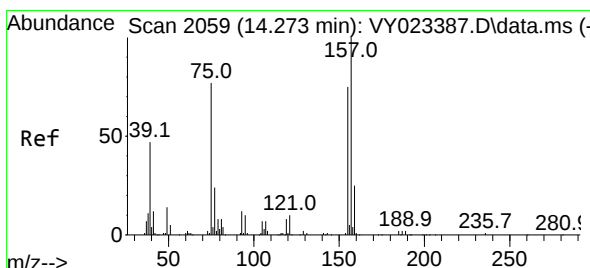
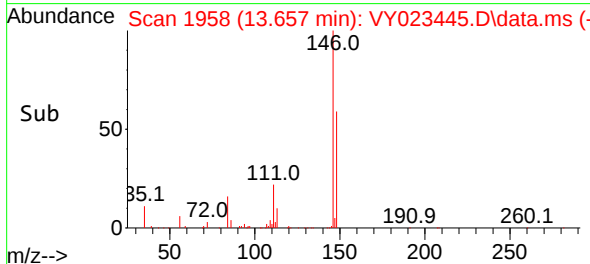
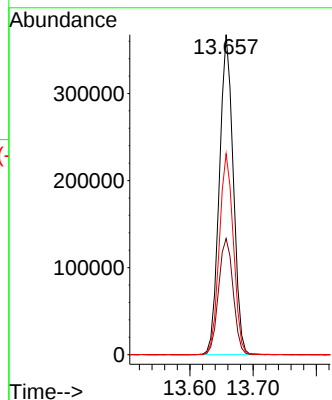
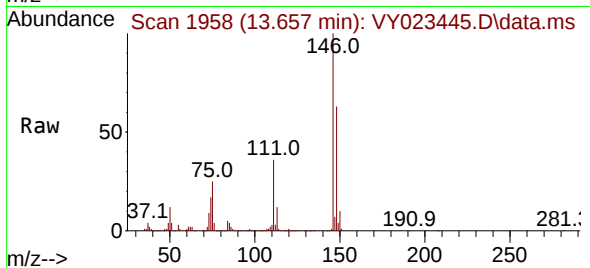
Tgt Ion:146 Resp: 559928

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

148 63.6 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.460 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

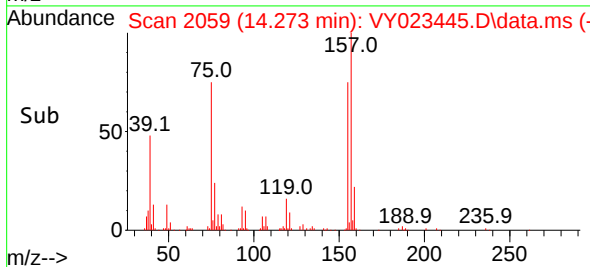
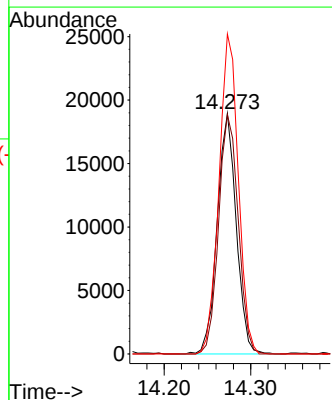
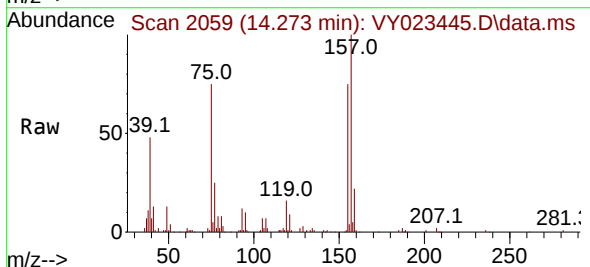
Tgt Ion: 75 Resp: 28904

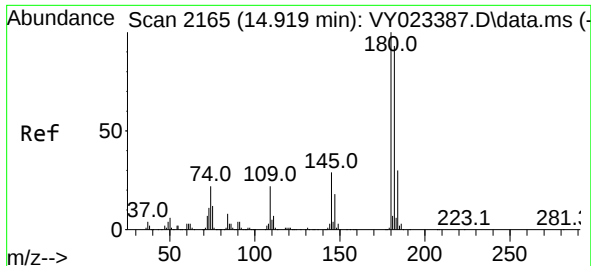
Ion Ratio Lower Upper

75 100

155 102.4 50.0 150.0

157 134.9 63.8 191.5

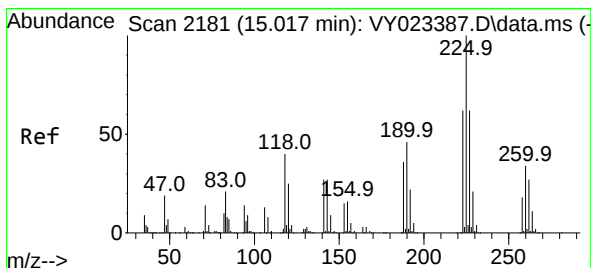
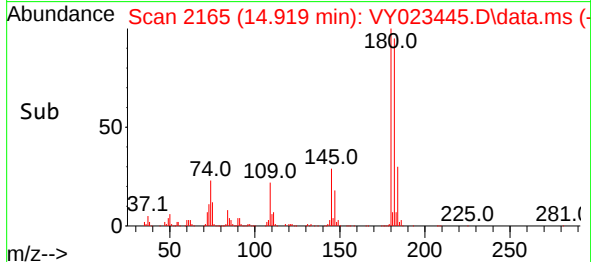
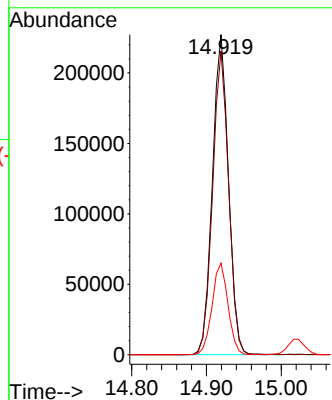
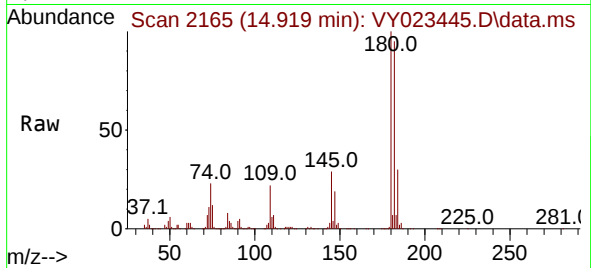




#93
 1,2,4-Trichlorobenzene
 Concen: 46.176 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY023445.D
 Acq: 10 Oct 2025 17:33

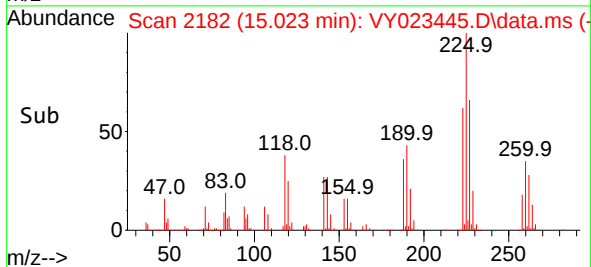
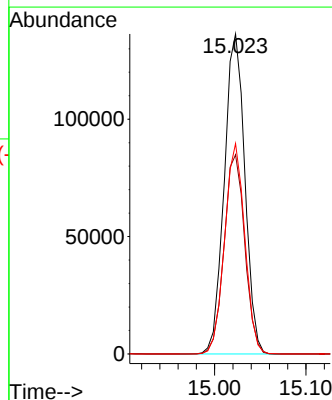
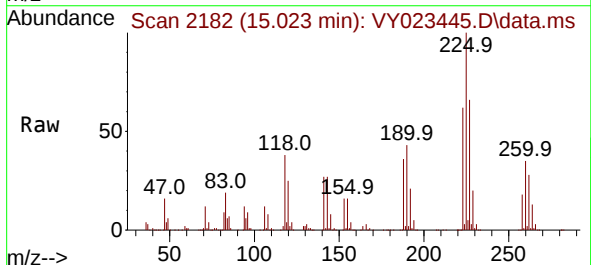
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 339415
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.9 143.6
 145 28.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 46.592 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023445.D
 Acq: 10 Oct 2025 17:33

Tgt Ion:225 Resp: 213484
 Ion Ratio Lower Upper
 225 100
 223 62.6 30.8 92.3
 227 64.3 31.9 95.7





#95

Naphthalene

Concen: 44.541 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

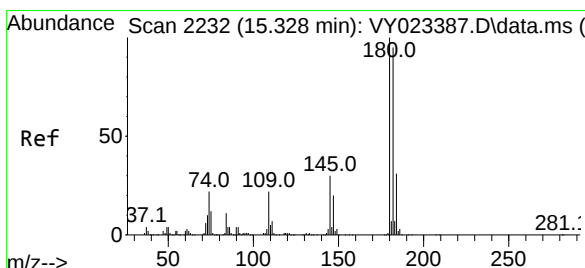
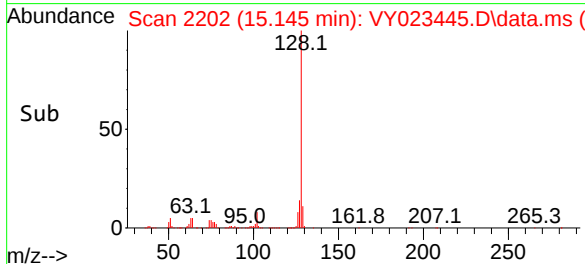
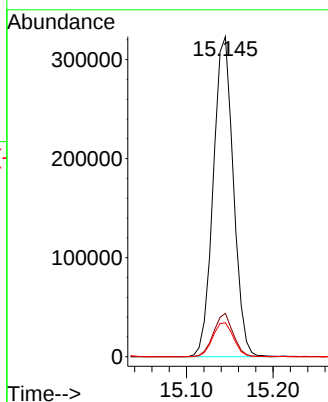
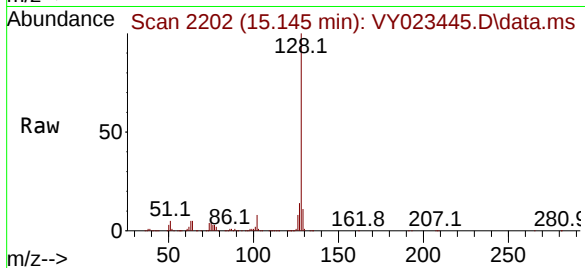
Tgt Ion:128 Resp: 521350

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 44.977 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023445.D

Acq: 10 Oct 2025 17:33

Tgt Ion:180 Resp: 286362

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 30.8 15.3 45.9

