

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090325\
 Data File : VY023276.D
 Acq On : 03 Sep 2025 15:18
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 04 01:18:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	481952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	734390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	657599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	352837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	204015	44.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.840%
35) Dibromofluoromethane	7.634	113	218033	49.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.109	98	823235	47.955	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.900%
62) 4-Bromofluorobenzene	12.401	95	273928	49.617	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	141544	35.980	ug/l	97
3) Chloromethane	2.074	50	240589	37.759	ug/l	100
4) Vinyl Chloride	2.208	62	309097	39.244	ug/l	99
5) Bromomethane	2.598	94	258827	44.001	ug/l	99
6) Chloroethane	2.738	64	222297	42.452	ug/l	97
7) Trichlorofluoromethane	3.055	101	408360	42.638	ug/l	98
8) Diethyl Ether	3.458	74	112660	44.462	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.817	101	218752	46.297	ug/l	97
10) Methyl Iodide	4.006	142	256698	50.347	ug/l	98
11) Tert butyl alcohol	4.872	59	77851	247.358	ug/l	99
12) 1,1-Dichloroethene	3.793	96	209117	45.027	ug/l	87
13) Acrolein	3.653	56	18822	40.835	ug/l	98
14) Allyl chloride	4.384	41	275447	40.307	ug/l	97
15) Acrylonitrile	5.061	53	236232	229.323	ug/l	99
16) Acetone	3.878	43	202100	203.091	ug/l	98
17) Carbon Disulfide	4.104	76	609042	40.219	ug/l	98
18) Methyl Acetate	4.390	43	131908	44.544	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	549528	45.662	ug/l	99
20) Methylene Chloride	4.616	84	257941	49.876	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	241517	46.275	ug/l	91
22) Diisopropyl ether	6.018	45	639771	43.083	ug/l	96
23) Vinyl Acetate	5.963	43	1778495	216.593	ug/l	97
24) 1,1-Dichloroethane	5.914	63	405772	44.693	ug/l	98
25) 2-Butanone	6.896	43	289362	213.803	ug/l	93
26) 2,2-Dichloropropane	6.884	77	346321	44.207	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	284347	47.126	ug/l	94
28) Bromochloromethane	7.250	49	165526	45.954	ug/l	91
29) Tetrahydrofuran	7.268	42	185638	221.283	ug/l	95
30) Chloroform	7.420	83	442460	47.254	ug/l	96
31) Cyclohexane	7.701	56	336420	39.322	ug/l	99
32) 1,1,1-Trichloroethane	7.621	97	389898	46.929	ug/l	98
36) 1,1-Dichloropropene	7.841	75	302813	46.368	ug/l	99
37) Ethyl Acetate	6.987	43	128698	46.913	ug/l	97
38) Carbon Tetrachloride	7.823	117	349652	49.294	ug/l	98
39) Methylcyclohexane	9.109	83	395802	46.024	ug/l	96
40) Benzene	8.079	78	960060	47.697	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	71853	45.384	ug/l	93
42) 1,2-Dichloroethane	8.158	62	246090	47.009	ug/l	99
43) Isopropyl Acetate	8.201	43	254876	45.967	ug/l	96
44) Trichloroethene	8.865	130	265162	50.977	ug/l	100
45) 1,2-Dichloropropane	9.140	63	216939	46.841	ug/l	99
46) Dibromomethane	9.231	93	134891	50.745	ug/l	97
47) Bromodichloromethane	9.426	83	339683	49.661	ug/l	99
48) Methyl methacrylate	9.225	41	125456	47.284	ug/l	94
49) 1,4-Dioxane	9.231	88	29877	958.559	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	692454	242.106	ug/l	98
52) Toluene	10.170	92	625846	48.955	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	295286	47.674	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	348688	47.607	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	181181	50.937	ug/l	95
56) Ethyl methacrylate	10.438	69	228989	50.310	ug/l	96
57) 1,3-Dichloropropane	10.719	76	296853	49.210	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	529807	246.771	ug/l	94
59) 2-Hexanone	10.761	43	461150	236.785	ug/l	97
60) Dibromochloromethane	10.907	129	248700	52.989	ug/l	100
61) 1,2-Dibromoethane	11.017	107	172649	51.642	ug/l	100
64) Tetrachloroethene	10.645	164	329512	56.117	ug/l	99
65) Chlorobenzene	11.438	112	696384	49.095	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	245251	50.945	ug/l	98
67) Ethyl Benzene	11.517	91	1175709	48.165	ug/l	98
68) m/p-Xylenes	11.627	106	940089	98.607	ug/l	97
69) o-Xylene	11.956	106	443474	49.666	ug/l	98
70) Styrene	11.968	104	750262	51.379	ug/l	97
71) Bromoform	12.133	173	153413	54.526	ug/l #	98
73) Isopropylbenzene	12.255	105	1149046	46.141	ug/l	99
74) N-amyl acetate	12.072	43	225955	42.786	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	190987	44.916	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	261038	76.658	ug/l #	100
77) Bromobenzene	12.529	156	285203	48.005	ug/l	94
78) n-propylbenzene	12.590	91	1361878	45.934	ug/l	97
79) 2-Chlorotoluene	12.675	91	777199	45.752	ug/l	97
80) 1,3,5-Trimethylbenzene	12.736	105	940909	46.750	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	62347	44.320	ug/l	98
82) 4-Chlorotoluene	12.773	91	800201	45.408	ug/l	98
83) tert-Butylbenzene	12.992	119	861917	47.417	ug/l	97
84) 1,2,4-Trimethylbenzene	13.041	105	935507	46.694	ug/l	98
85) sec-Butylbenzene	13.175	105	1244981	46.625	ug/l	99
86) p-Isopropyltoluene	13.291	119	1062988	47.959	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	565996	48.310	ug/l	98
88) 1,4-Dichlorobenzene	13.364	146	555404	47.789	ug/l	98
89) n-Butylbenzene	13.614	91	938392	46.097	ug/l	99
90) Hexachloroethane	13.876	117	220266	48.546	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	501758	48.833	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31319	47.307	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	296925	48.867	ug/l	99
94) Hexachlorobutadiene	15.023	225	176928	49.553	ug/l	99
95) Naphthalene	15.138	128	524228	50.596	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	261605	49.964	ug/l	99

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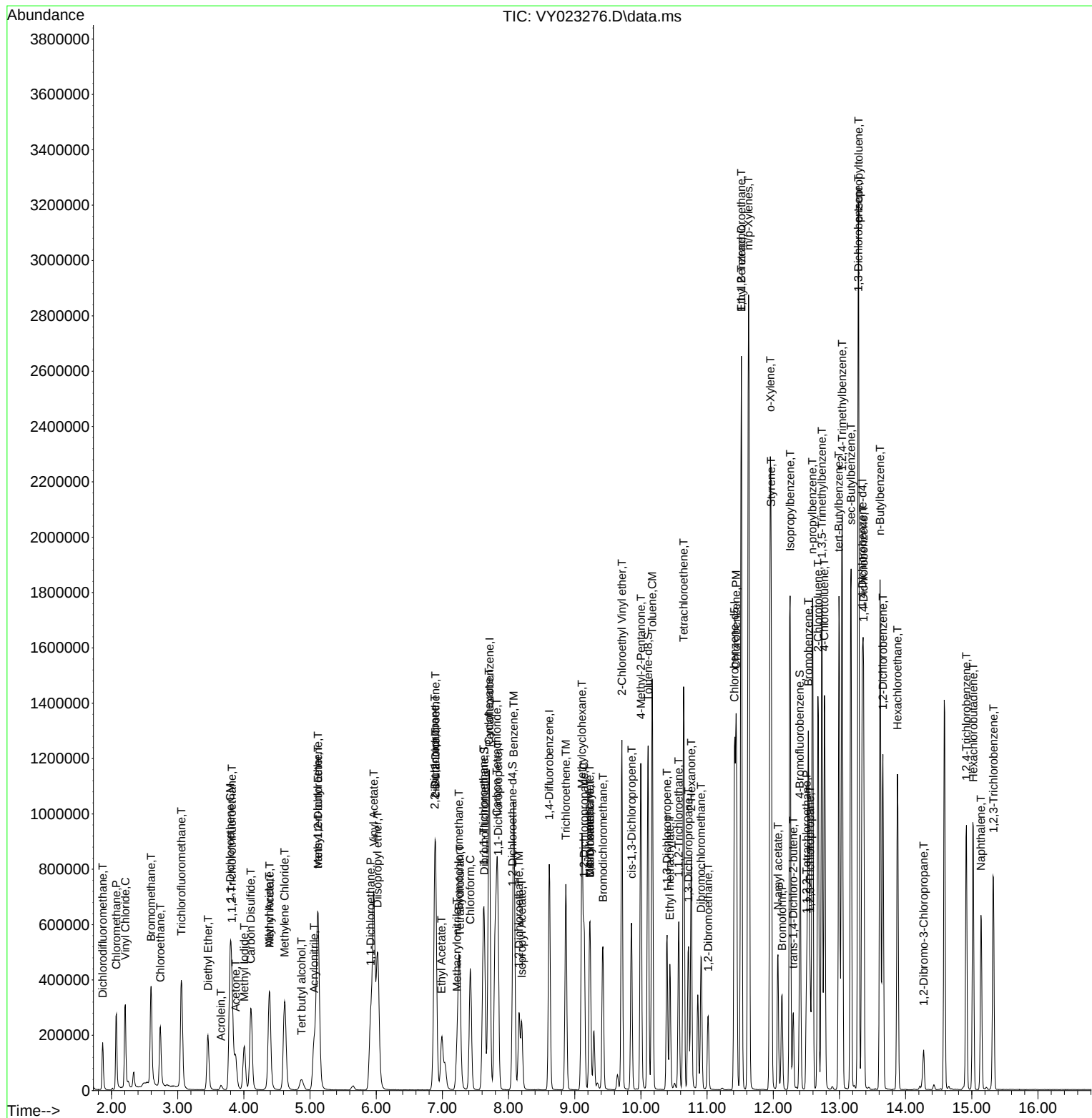
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
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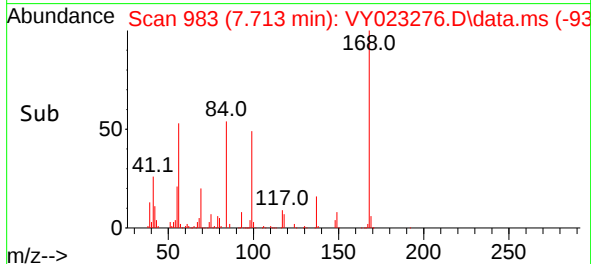
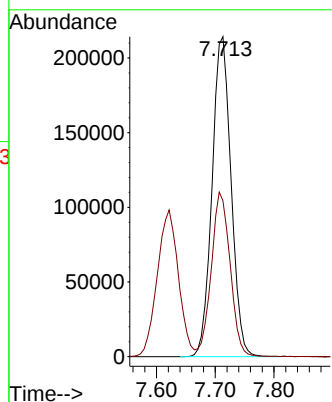
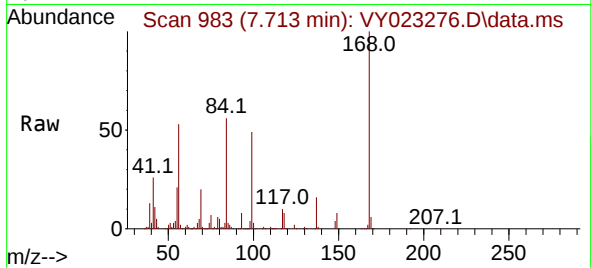




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023276.D
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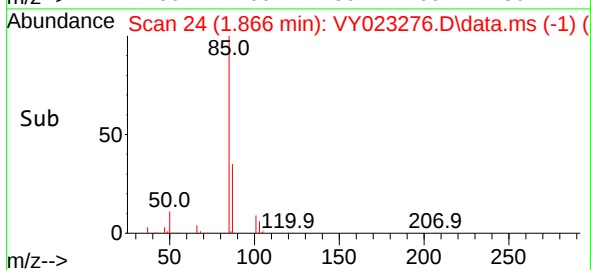
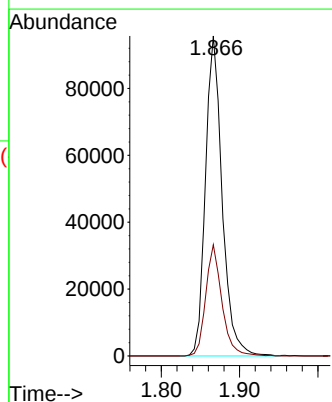
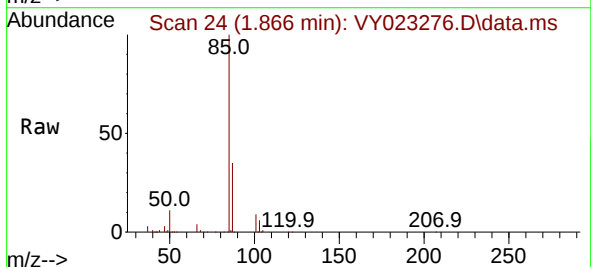
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 481952
Ion Ratio Lower Upper
168 100
99 48.7 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 35.980 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 85 Resp: 141544
Ion Ratio Lower Upper
85 100
87 34.8 16.6 49.8

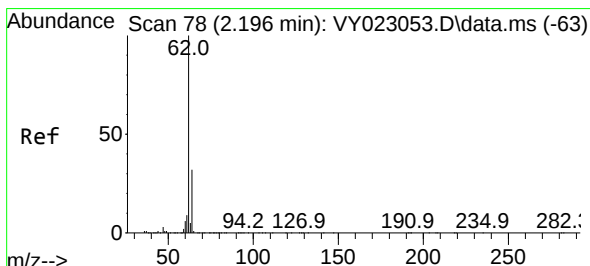
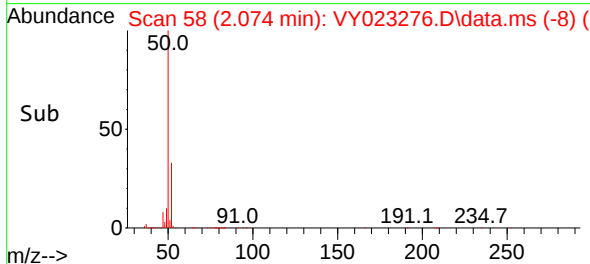
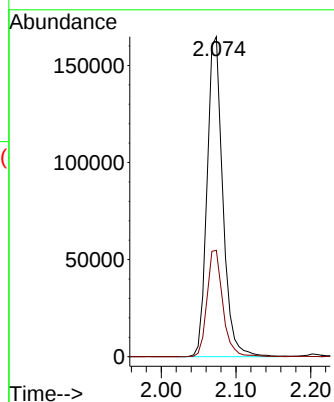
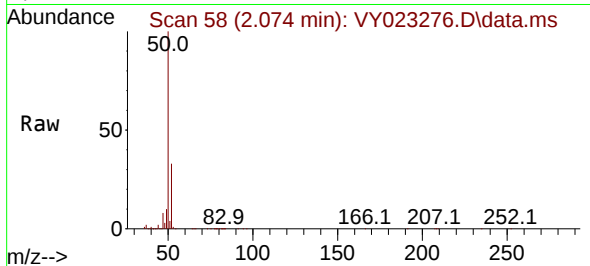




#3
Chloromethane
Concen: 37.759 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

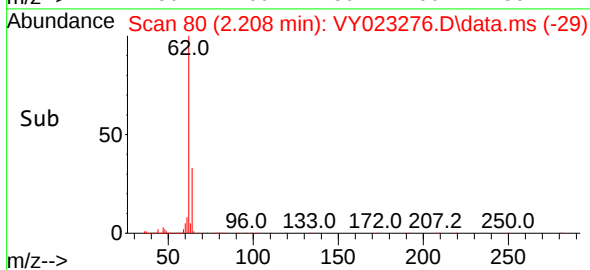
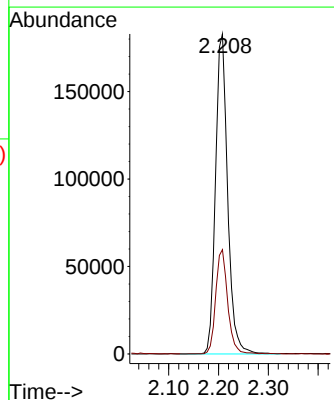
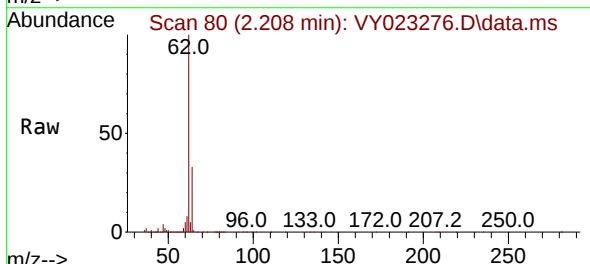
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ClientSampleId :
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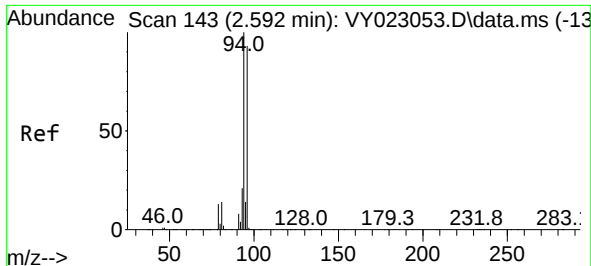
Tgt Ion: 50 Resp: 240589
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1



#4
Vinyl Chloride
Concen: 39.244 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 62 Resp: 309097
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

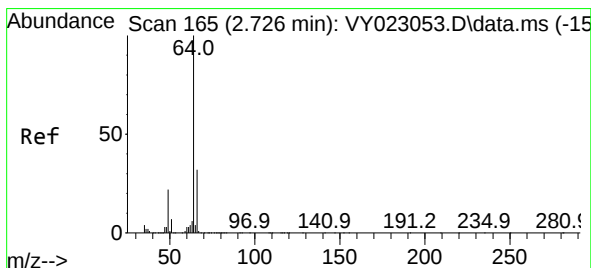
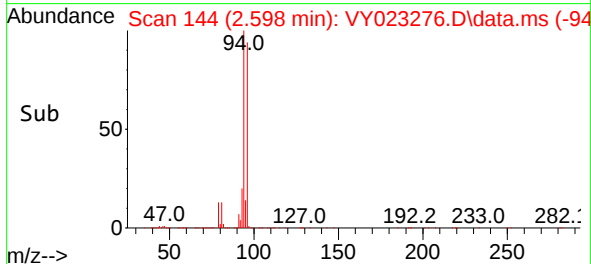
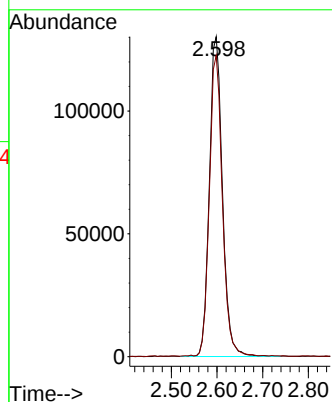
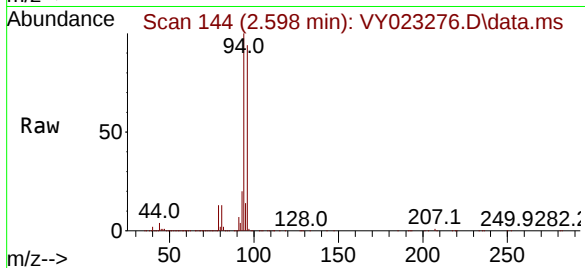




#5
Bromomethane
Concen: 44.001 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

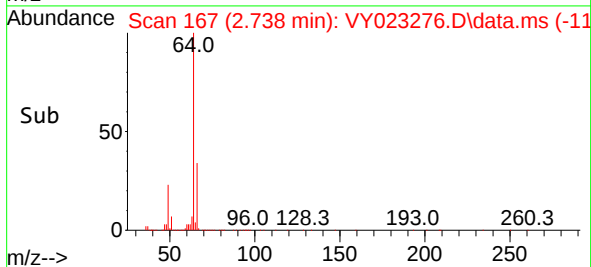
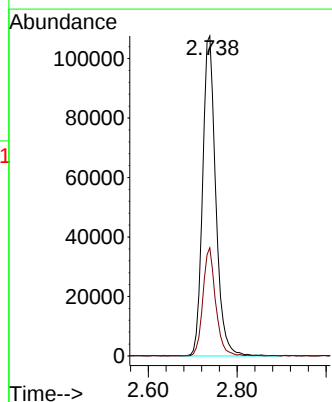
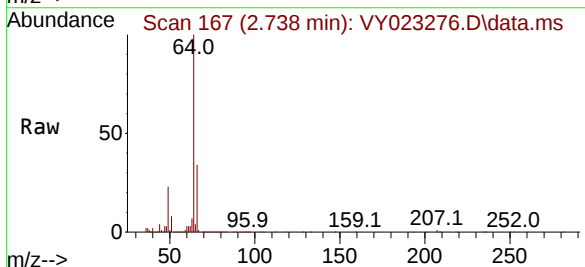
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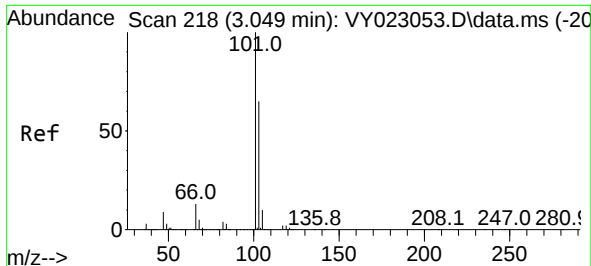
Tgt Ion: 94 Resp: 258827
Ion Ratio Lower Upper
94 100
96 94.0 74.6 112.0



#6
Chloroethane
Concen: 42.452 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 64 Resp: 222297
Ion Ratio Lower Upper
64 100
66 33.7 25.8 38.6

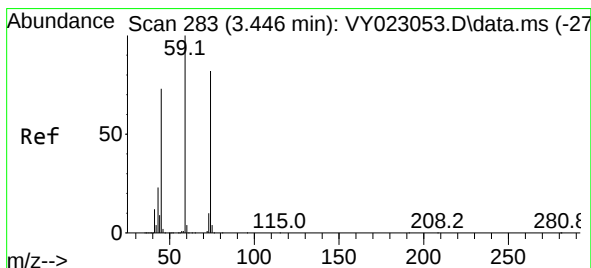
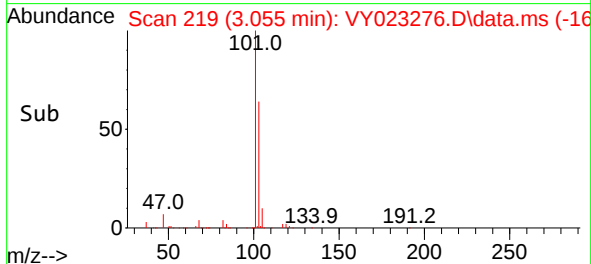
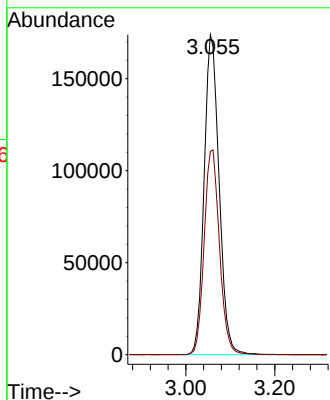
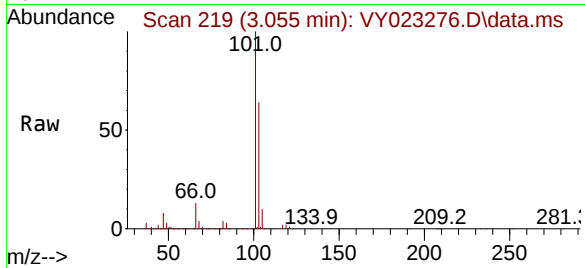




#7
Trichlorofluoromethane
Concen: 42.638 ug/l
RT: 3.055 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

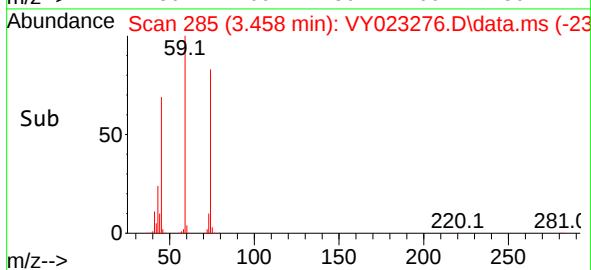
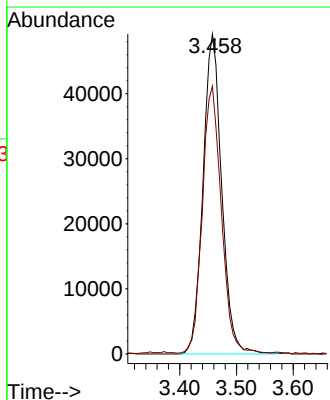
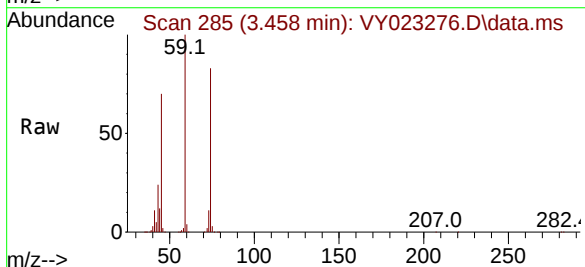
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 408360
Ion Ratio Lower Upper
101 100
103 63.5 51.9 77.9



#8
Diethyl Ether
Concen: 44.462 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 74 Resp: 112660
Ion Ratio Lower Upper
74 100
45 84.8 44.4 133.2

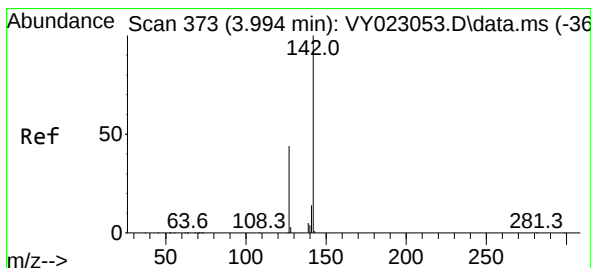
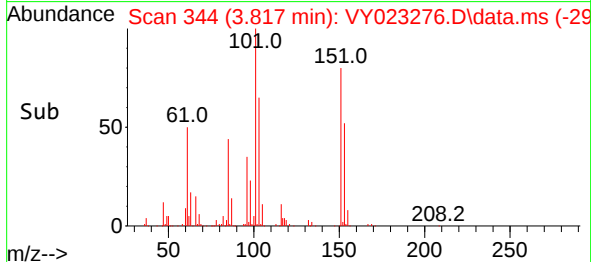
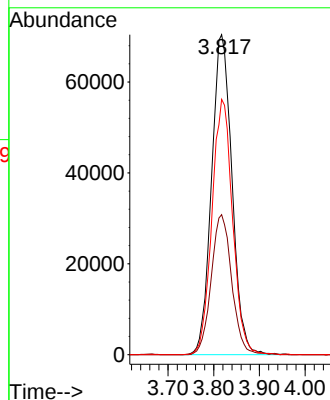
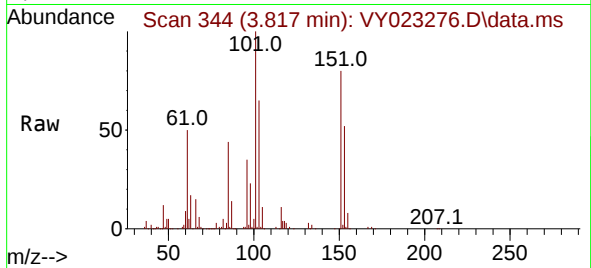




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.297 ug/l
RT: 3.817 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023276.D
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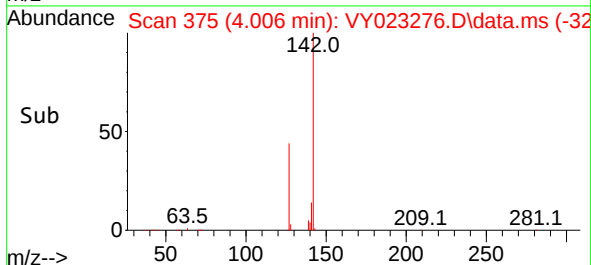
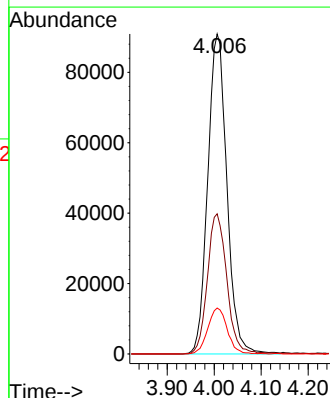
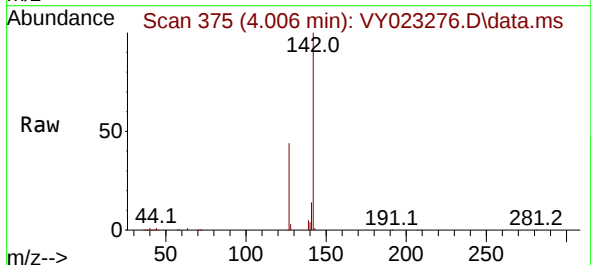
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 218752
Ion Ratio Lower Upper
101 100
85 44.0 36.3 54.5
151 80.6 61.5 92.3



#10
Methyl Iodide
Concen: 50.347 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion:142 Resp: 256698
Ion Ratio Lower Upper
142 100
127 44.6 34.9 52.3
141 14.6 11.3 16.9

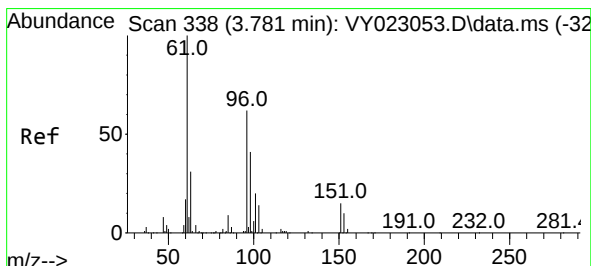
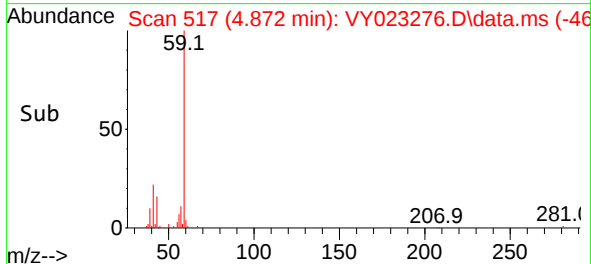
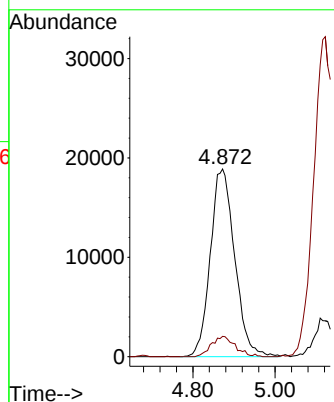
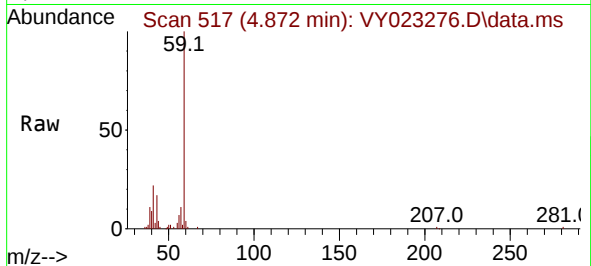




#11
Tert butyl alcohol
Concen: 247.358 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

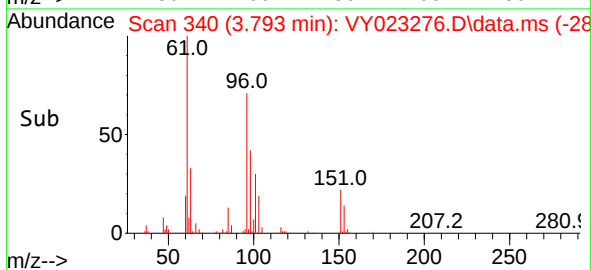
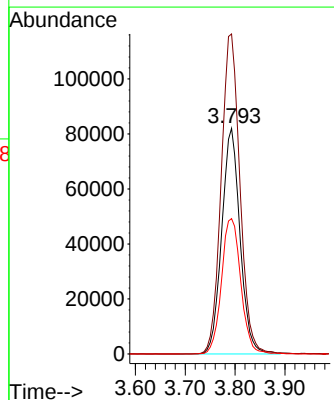
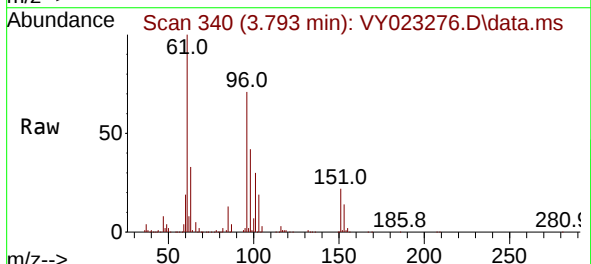
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 77851
Ion Ratio Lower Upper
59 100
57 10.4 8.6 13.0



#12
1,1-Dichloroethene
Concen: 45.027 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 96 Resp: 209117
Ion Ratio Lower Upper
96 100
61 141.8 129.4 194.2
98 60.0 52.8 79.2

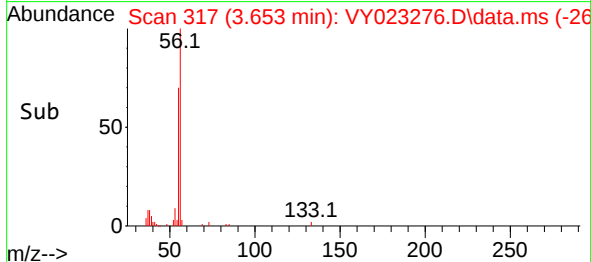
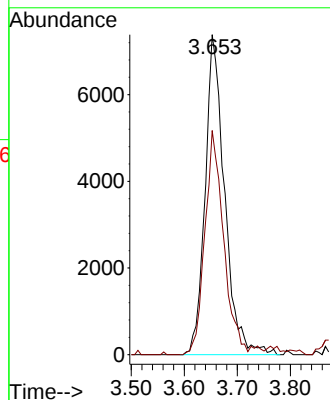
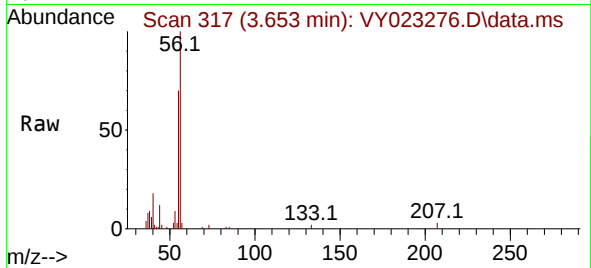




#13
Acrolein
Concen: 40.835 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

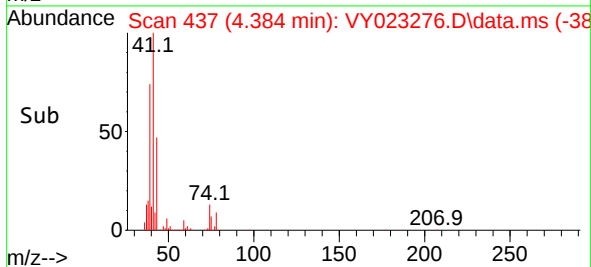
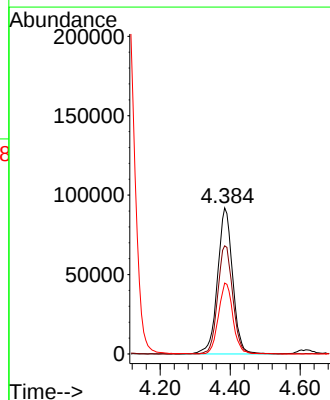
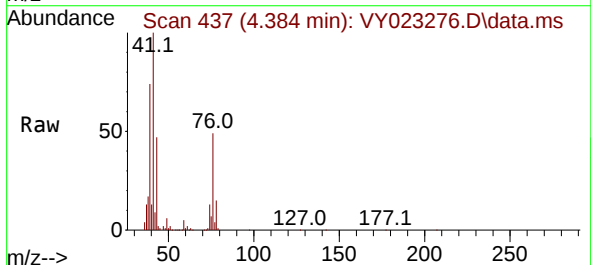
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

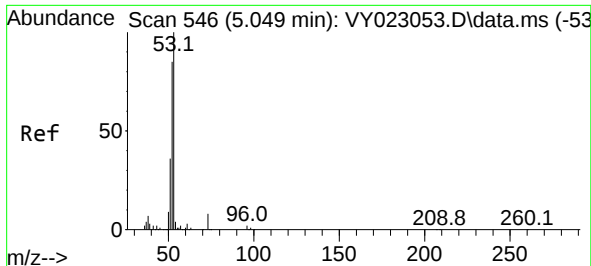
Tgt Ion: 56 Resp: 18822
Ion Ratio Lower Upper
56 100
55 67.5 55.2 82.8



#14
Allyl chloride
Concen: 40.307 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 41 Resp: 275447
Ion Ratio Lower Upper
41 100
39 73.9 59.8 89.6
76 46.2 33.7 50.5

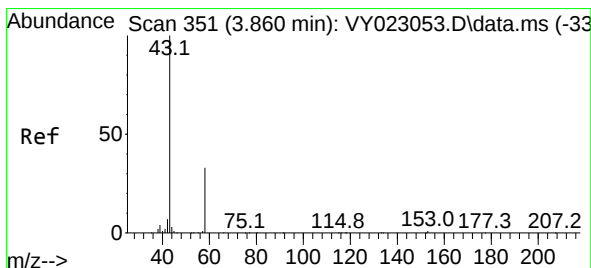
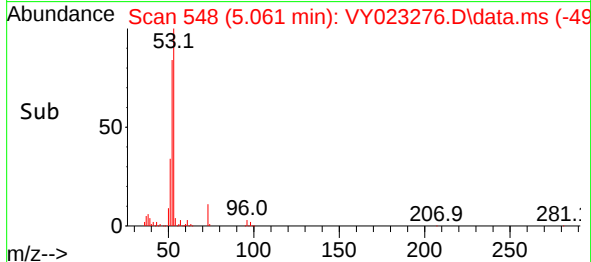
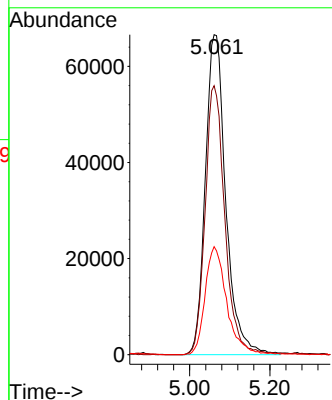
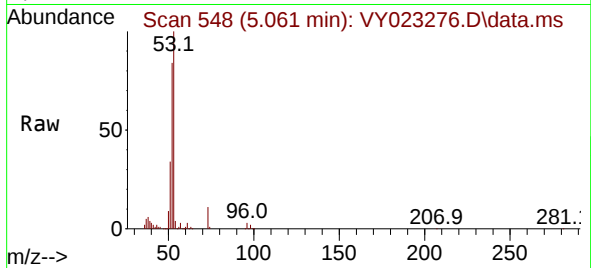




#15
Acrylonitrile
Concen: 229.323 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

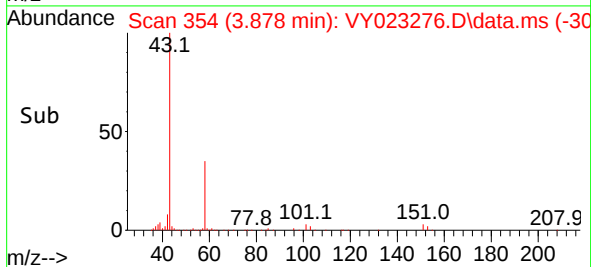
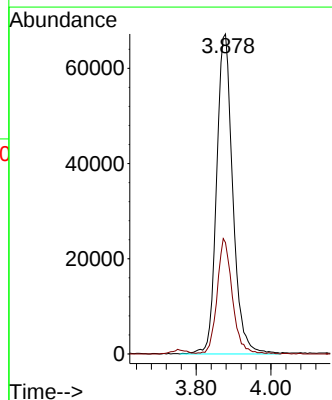
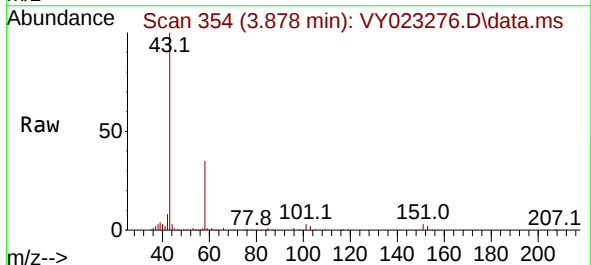
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 236232
Ion Ratio Lower Upper
53 100
52 81.1 65.3 97.9
51 36.0 29.5 44.3



#16
Acetone
Concen: 203.091 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 43 Resp: 202100
Ion Ratio Lower Upper
43 100
58 34.8 27.1 40.7

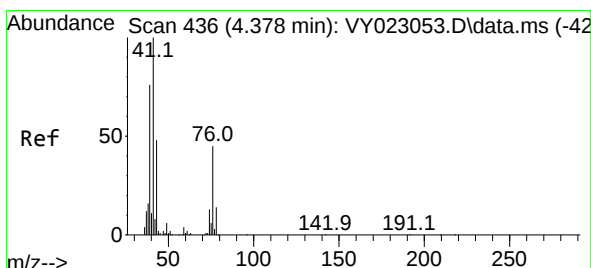
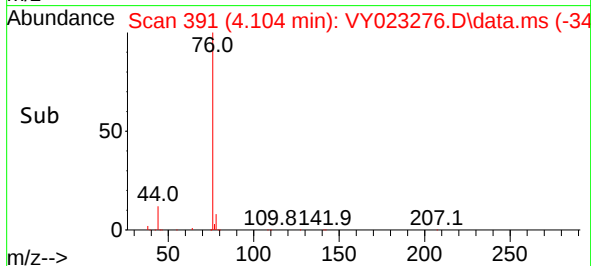
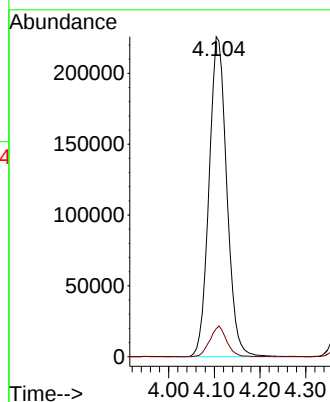
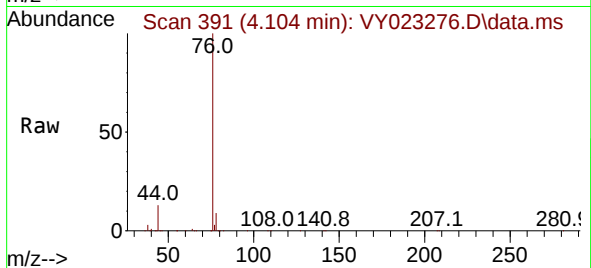




#17
Carbon Disulfide
Concen: 40.219 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

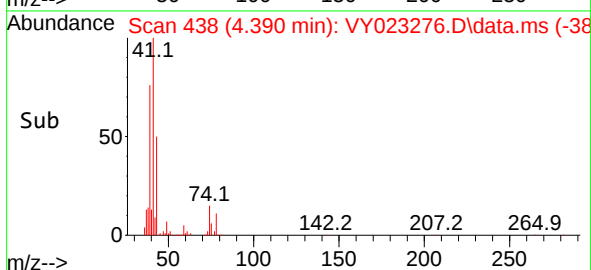
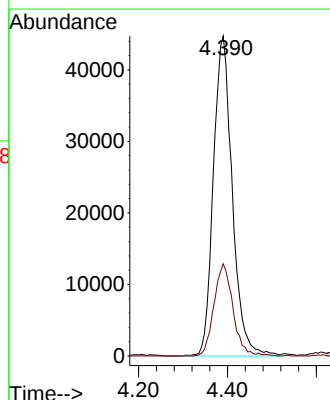
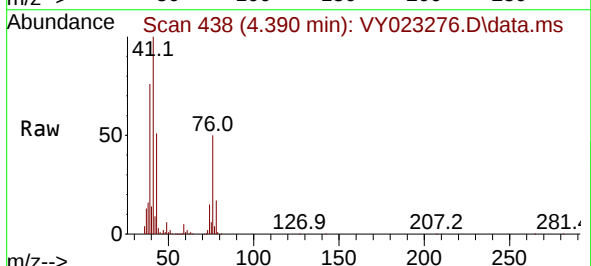
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 609042
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 44.544 ug/l
RT: 4.390 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 43 Resp: 131908
Ion Ratio Lower Upper
43 100
74 29.0 21.2 31.8

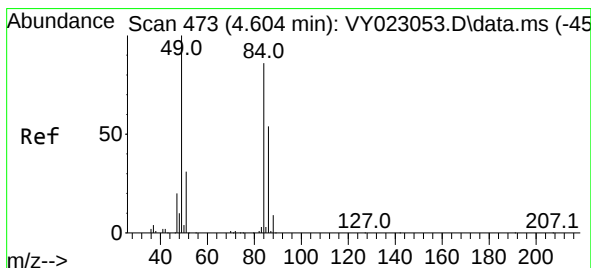
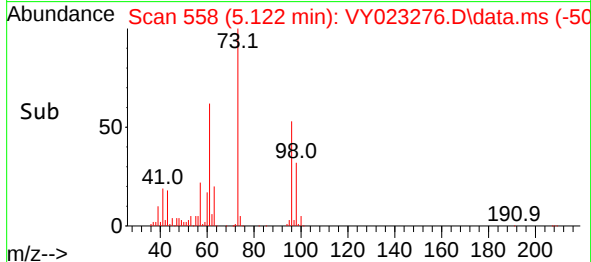
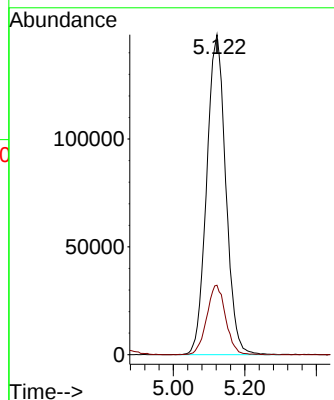
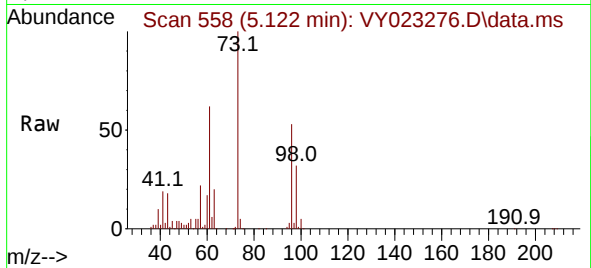




#19
Methyl tert-butyl Ether
Concen: 45.662 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

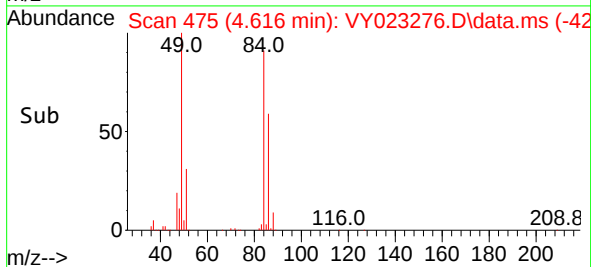
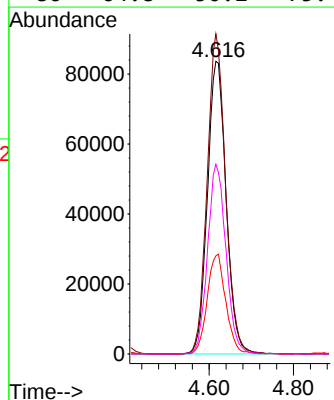
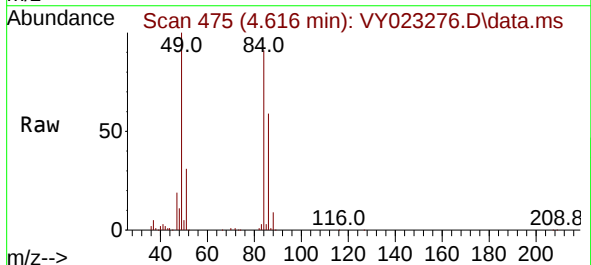
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

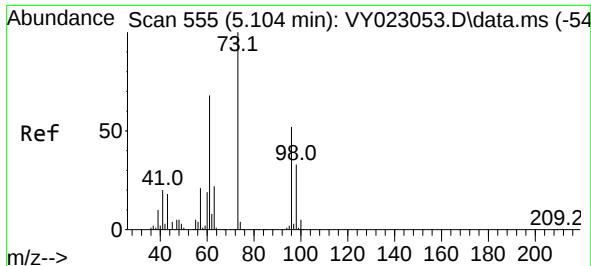
Tgt Ion: 73 Resp: 549528
Ion Ratio Lower Upper
73 100
57 21.7 17.1 25.7



#20
Methylene Chloride
Concen: 49.876 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 84 Resp: 257941
Ion Ratio Lower Upper
84 100
49 109.4 93.0 139.6
51 33.5 29.0 43.4
86 64.8 50.2 75.4

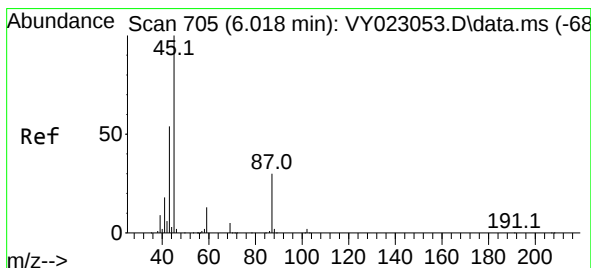
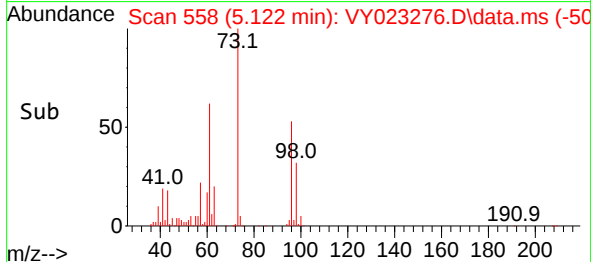
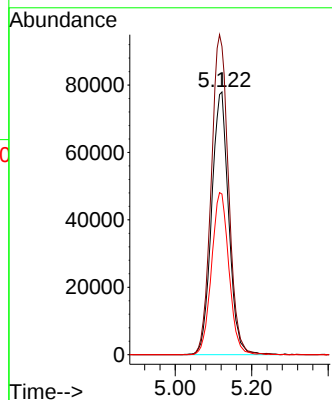
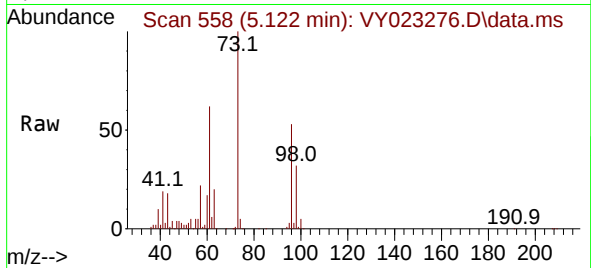




#21
trans-1,2-Dichloroethene
Concen: 46.275 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

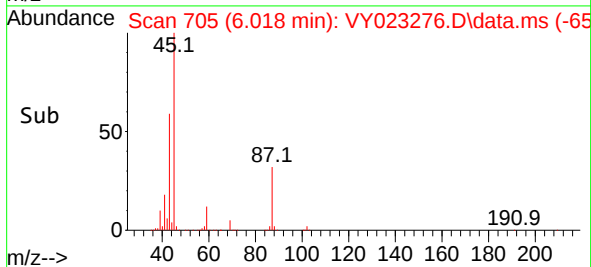
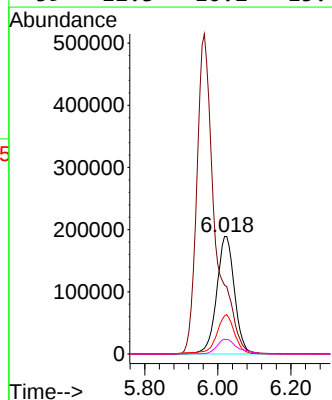
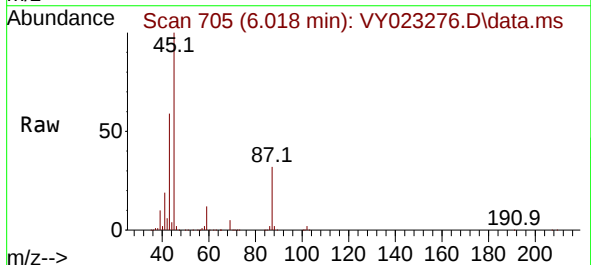
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

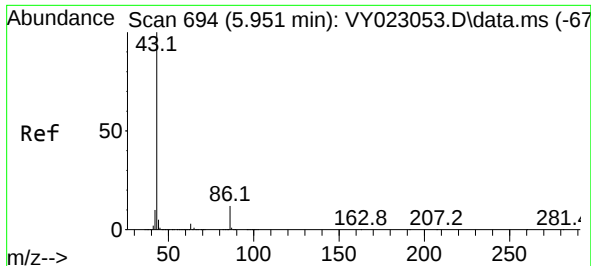
Tgt Ion: 96 Resp: 241517
Ion Ratio Lower Upper
96 100
61 117.3 104.8 157.2
98 61.1 50.1 75.1



#22
Diisopropyl ether
Concen: 43.083 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 45 Resp: 639771
Ion Ratio Lower Upper
45 100
43 58.4 43.4 65.0
87 32.3 24.4 36.6
59 12.3 10.2 15.4

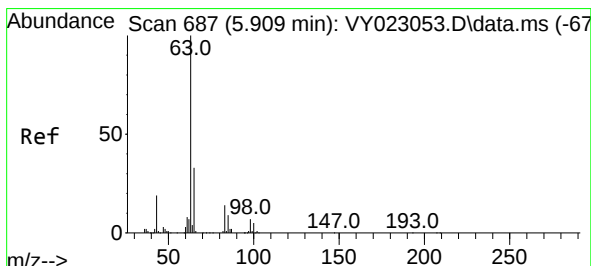
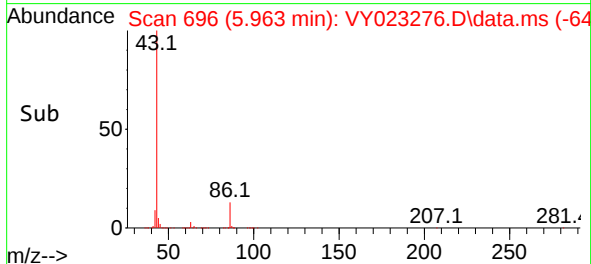
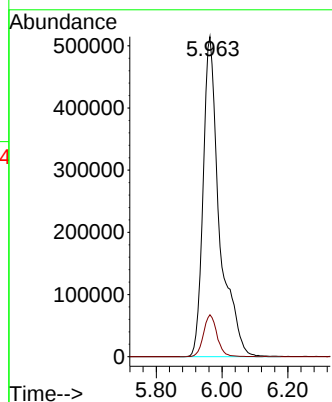
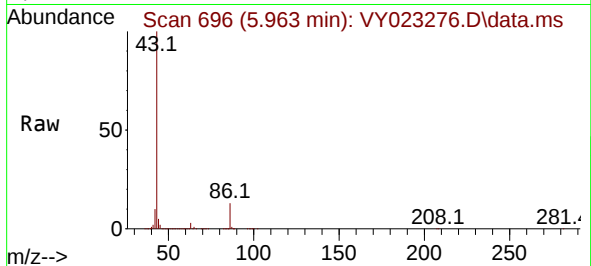




#23
 Vinyl Acetate
 Concen: 216.593 ug/l
 RT: 5.963 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023276.D
 Acq: 03 Sep 2025 15:18

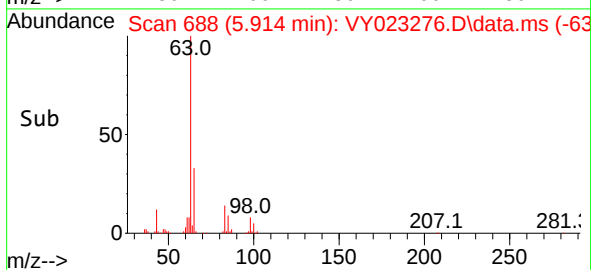
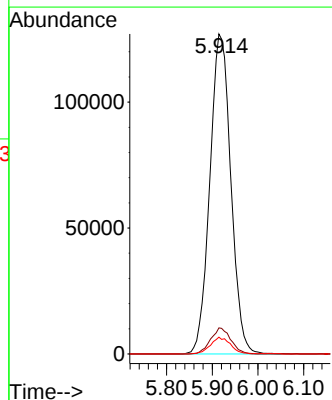
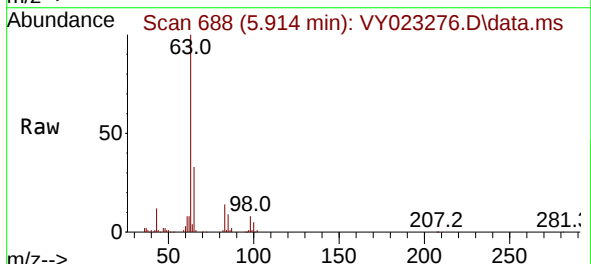
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

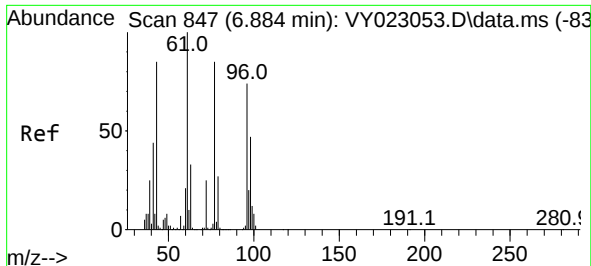
Tgt Ion: 43 Resp: 1778495
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 44.693 ug/l
 RT: 5.914 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023276.D
 Acq: 03 Sep 2025 15:18

Tgt Ion: 63 Resp: 405772
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.6
 100 5.2 2.4 7.1





#25

2-Butanone

Concen: 213.803 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

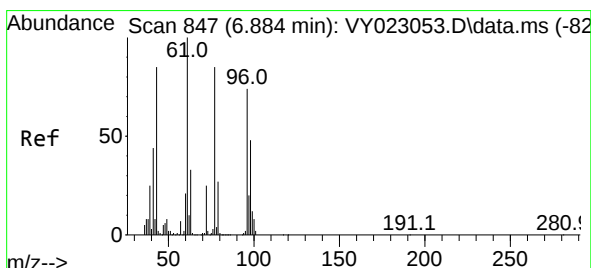
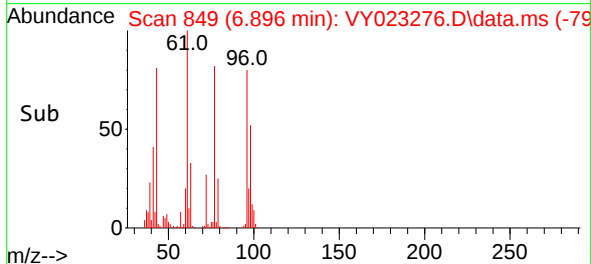
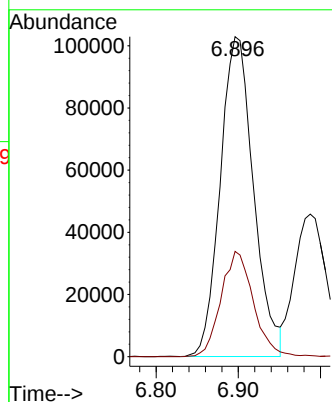
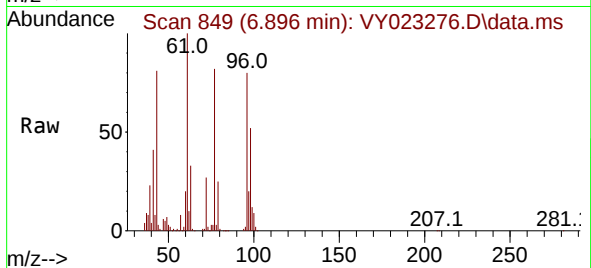
VSTDCCC050EC

Tgt Ion: 43 Resp: 289362

Ion Ratio Lower Upper

43 100

72 32.9 23.5 35.3



#26

2,2-Dichloropropane

Concen: 44.207 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023276.D

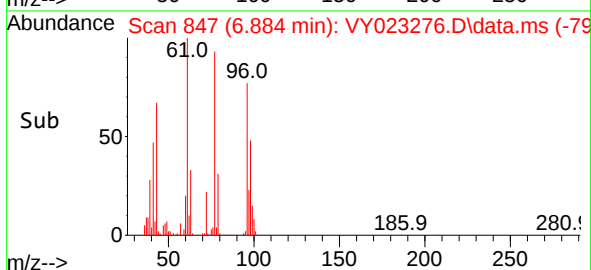
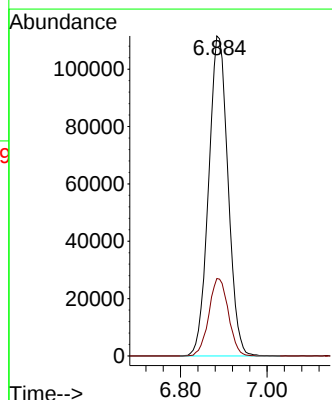
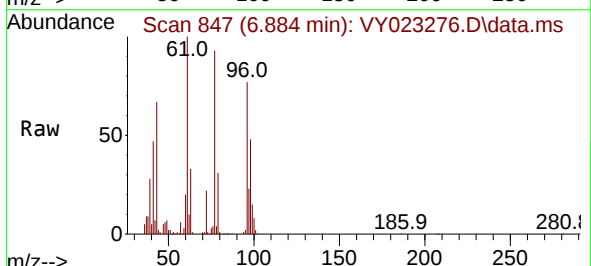
Acq: 03 Sep 2025 15:18

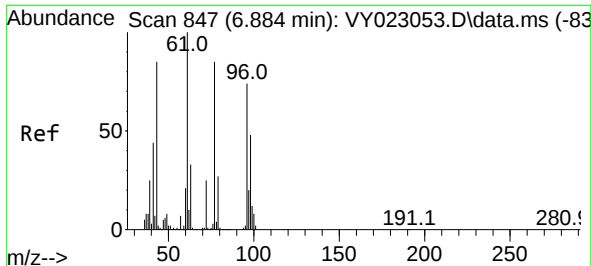
Tgt Ion: 77 Resp: 346321

Ion Ratio Lower Upper

77 100

97 24.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.126 ug/l

RT: 6.896 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

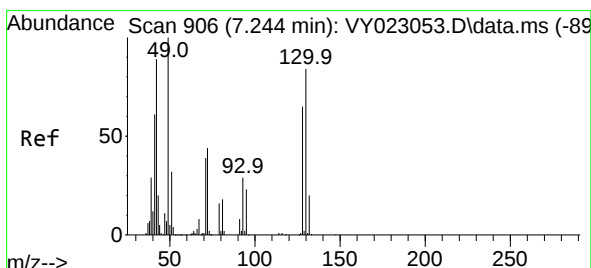
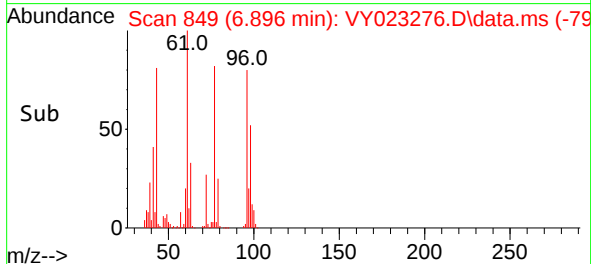
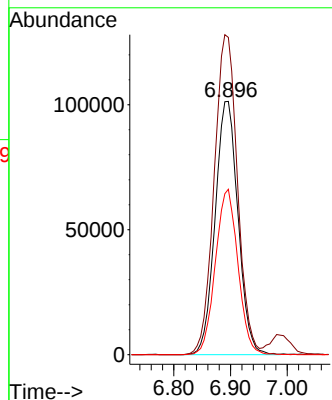
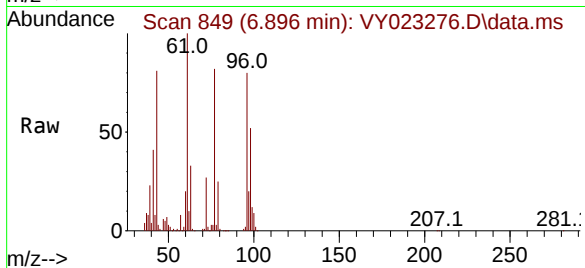
Tgt Ion: 96 Resp: 284347

Ion Ratio Lower Upper

96 100

61 128.3 0.0 278.6

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 45.954 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

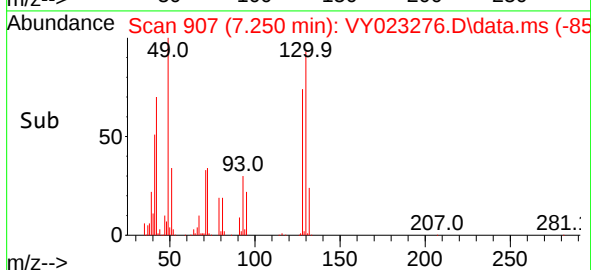
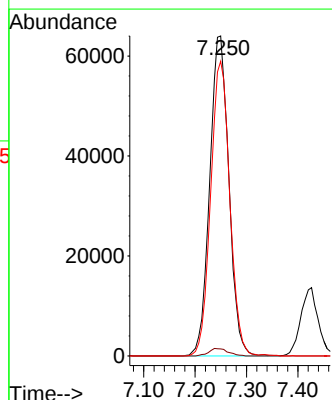
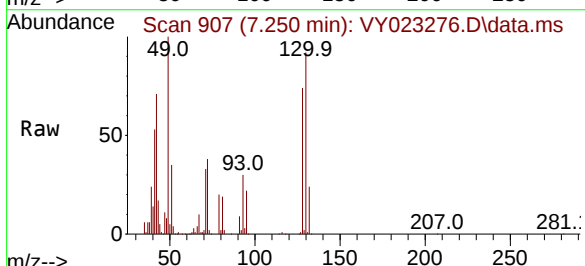
Tgt Ion: 49 Resp: 165526

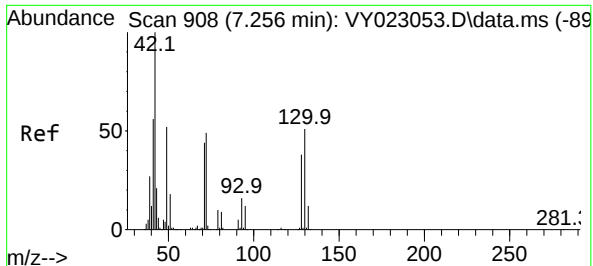
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 91.7 66.4 99.6





#29

Tetrahydrofuran

Concen: 221.283 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

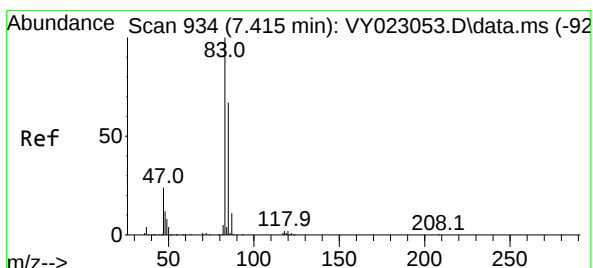
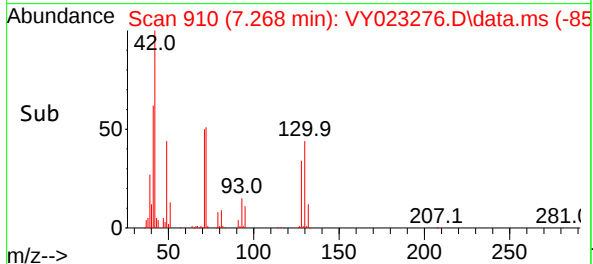
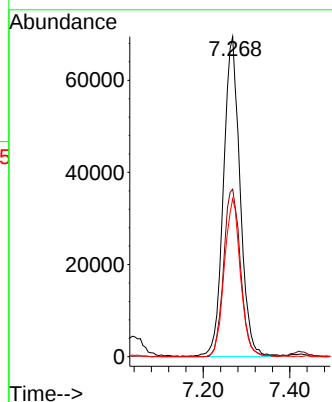
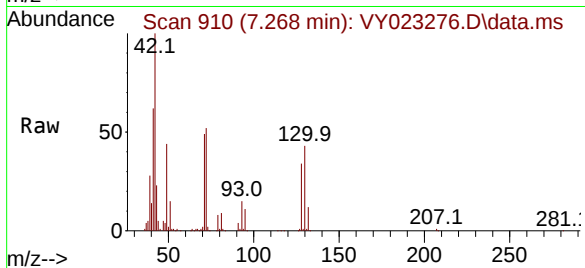
Tgt Ion: 42 Resp: 185638

Ion Ratio Lower Upper

42 100

72 53.3 39.4 59.2

71 48.1 36.5 54.7



#30

Chloroform

Concen: 47.254 ug/l

RT: 7.420 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023276.D

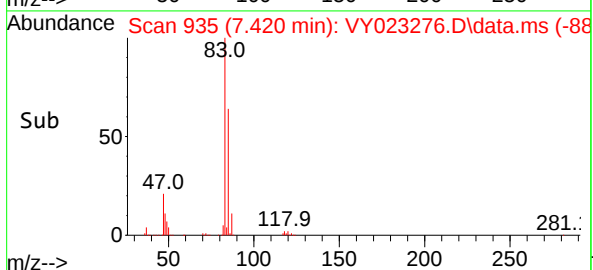
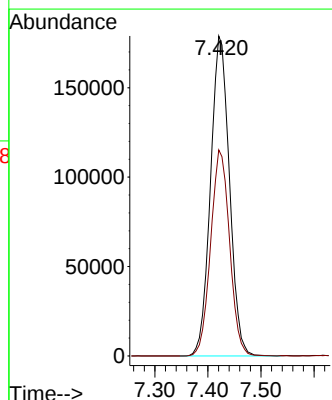
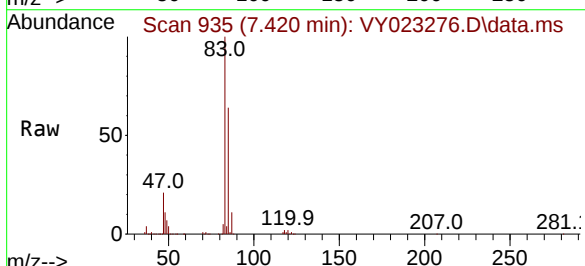
Acq: 03 Sep 2025 15:18

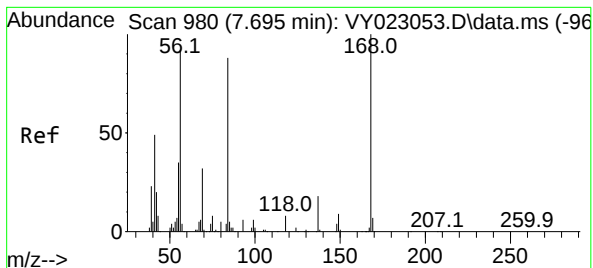
Tgt Ion: 83 Resp: 442460

Ion Ratio Lower Upper

83 100

85 64.4 53.8 80.8





#31

Cyclohexane

Concen: 39.322 ug/l

RT: 7.701 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

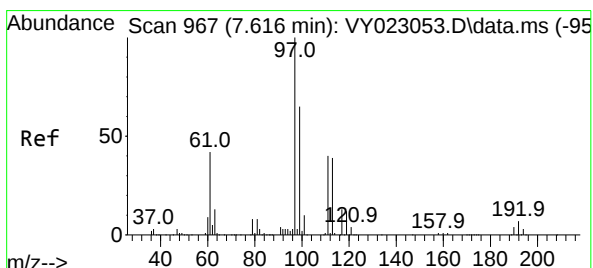
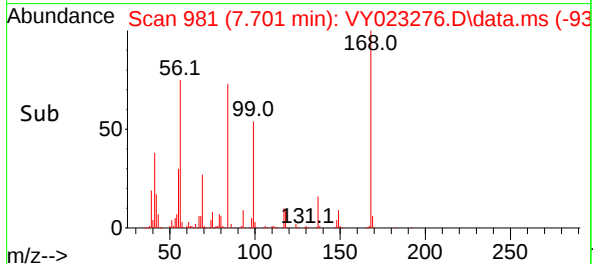
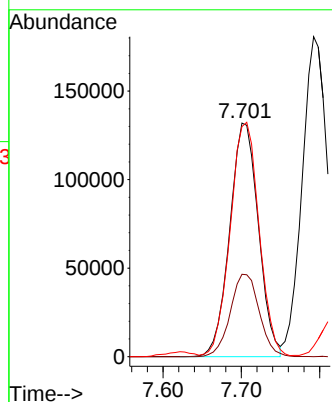
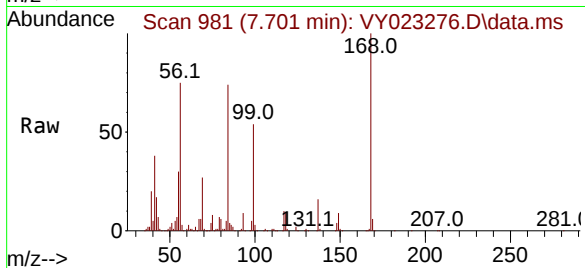
Tgt Ion: 56 Resp: 336420

Ion Ratio Lower Upper

56 100

69 35.3 28.2 42.2

84 96.4 76.6 114.8



#32

1,1,1-Trichloroethane

Concen: 46.929 ug/l

RT: 7.621 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

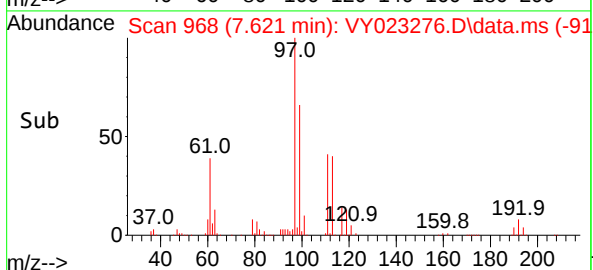
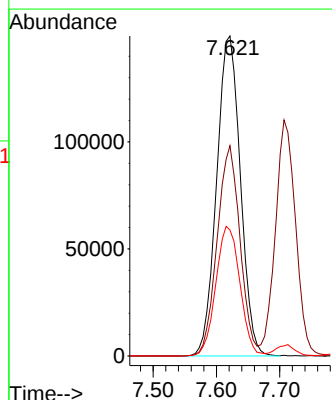
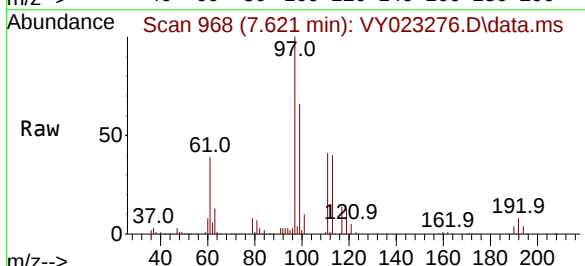
Tgt Ion: 97 Resp: 389898

Ion Ratio Lower Upper

97 100

99 63.2 51.6 77.4

61 41.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 44.415 ug/l

RT: 8.060 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

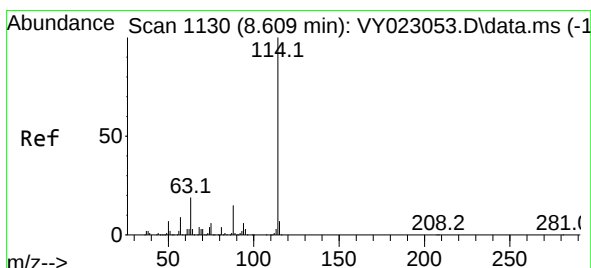
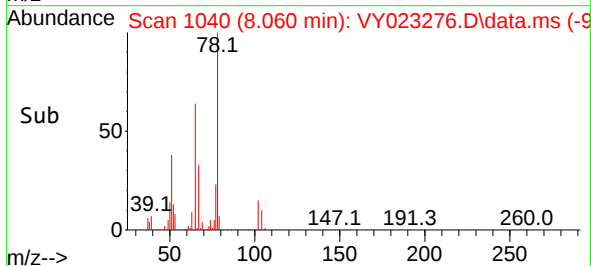
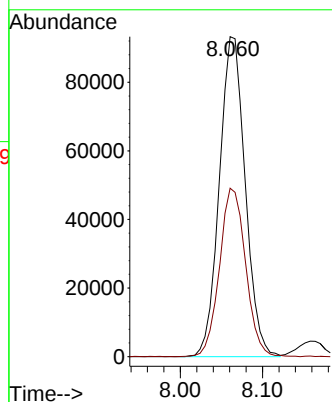
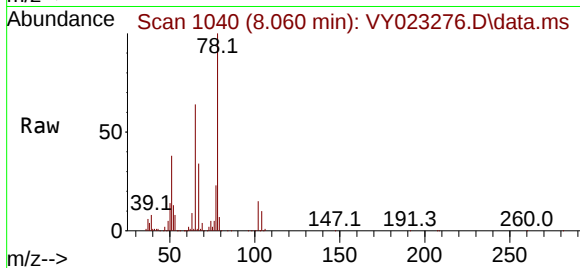
VSTDCCC050EC

Tgt Ion: 65 Resp: 204015

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

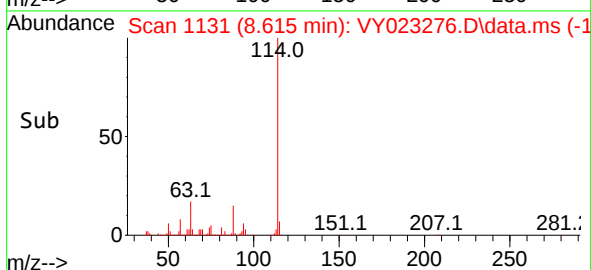
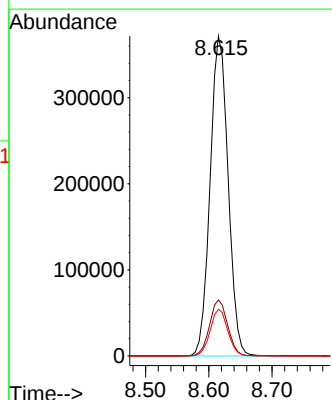
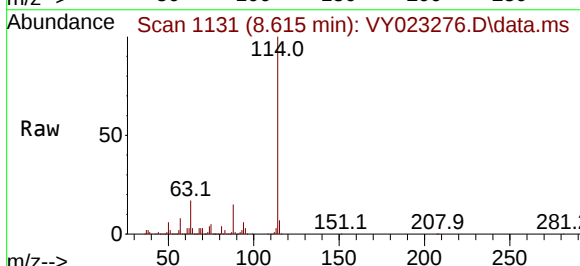
Tgt Ion: 114 Resp: 734390

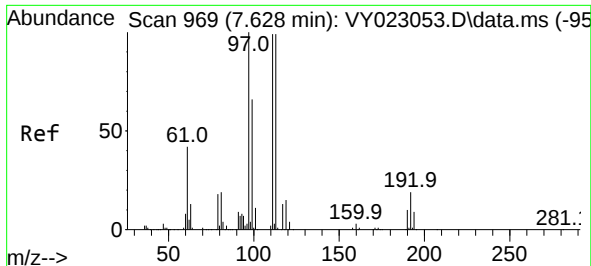
Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.4

88 14.6 0.0 30.0

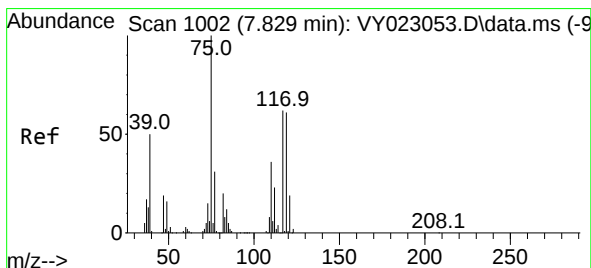
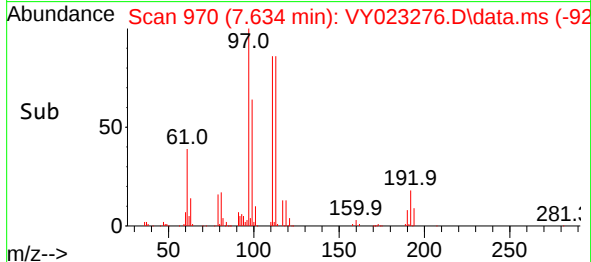
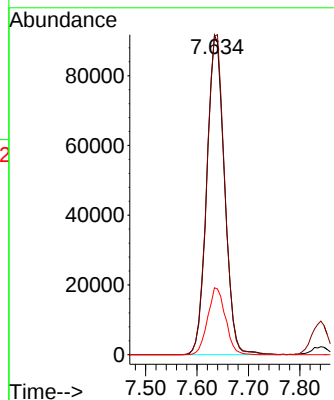
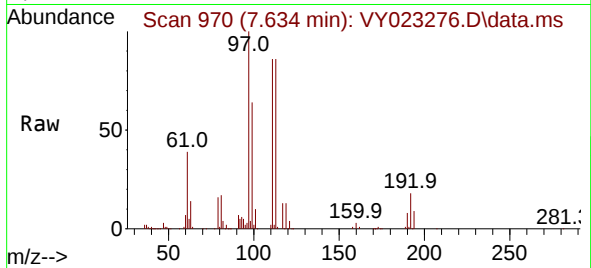




#35
Dibromofluoromethane
Concen: 49.617 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

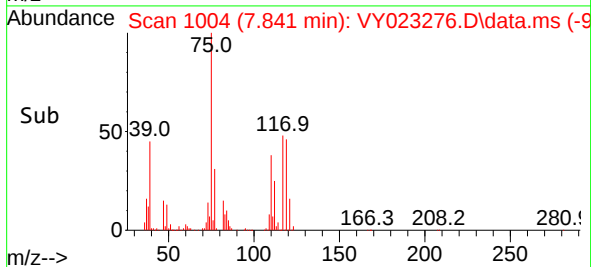
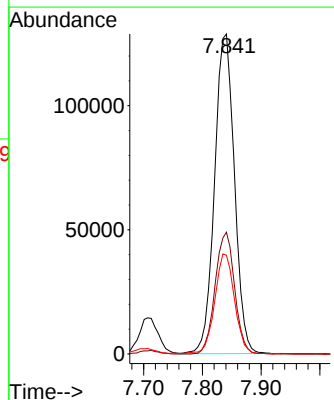
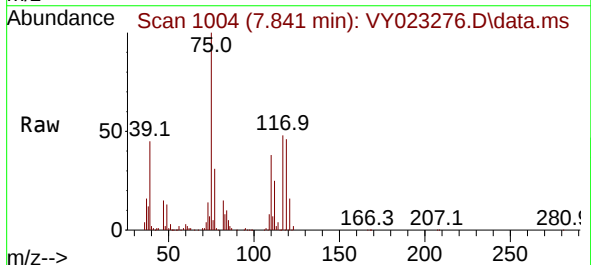
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

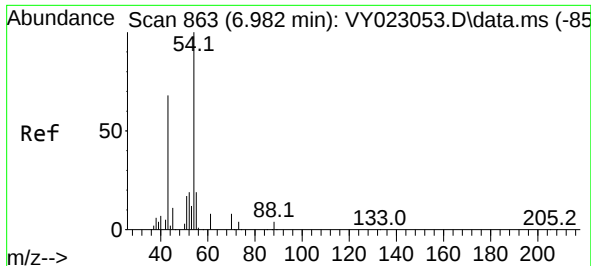
Tgt Ion:113 Resp: 218033
Ion Ratio Lower Upper
113 100
111 101.5 81.1 121.7
192 21.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 46.368 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 75 Resp: 302813
Ion Ratio Lower Upper
75 100
110 37.4 18.1 54.4
77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 46.913 ug/l

RT: 6.987 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

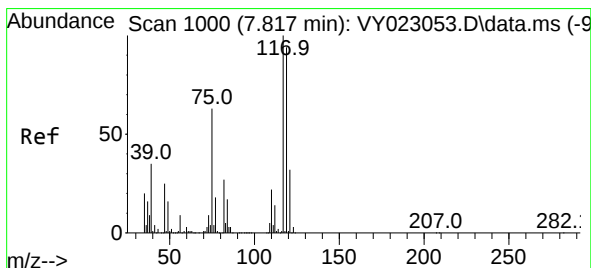
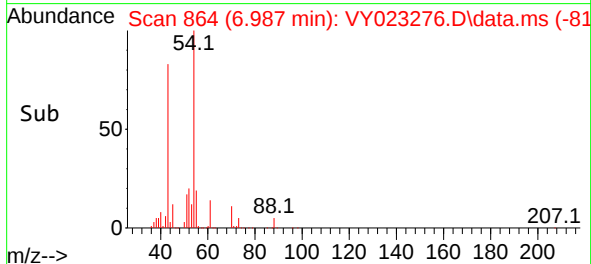
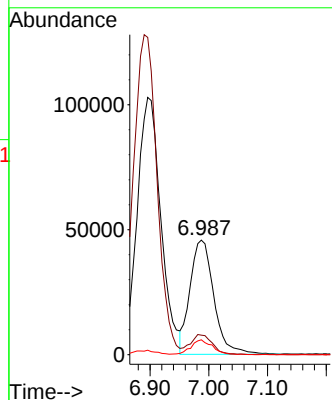
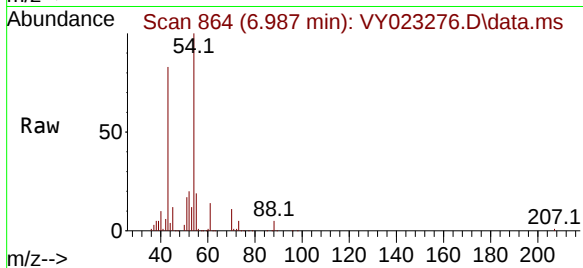
Tgt Ion: 43 Resp: 128698

Ion Ratio Lower Upper

43 100

61 16.4 11.9 17.9

70 11.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 49.294 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

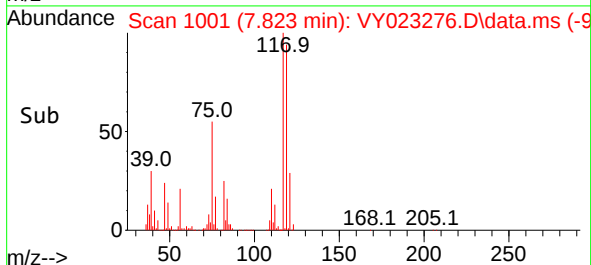
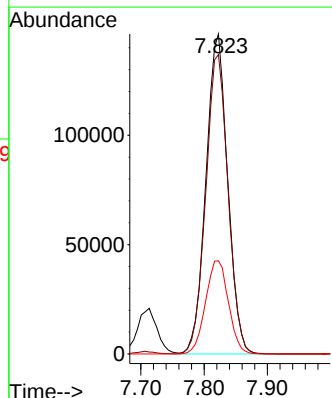
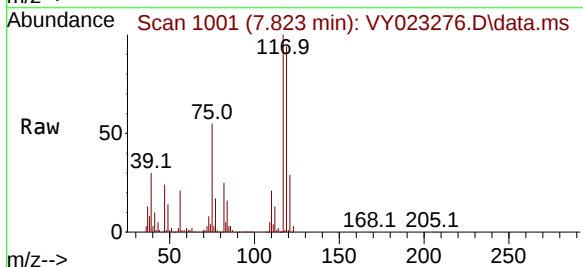
Tgt Ion: 117 Resp: 349652

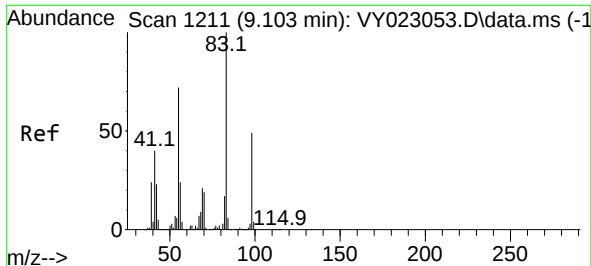
Ion Ratio Lower Upper

117 100

119 93.6 75.6 113.4

121 29.1 25.8 38.8





#39

Methylcyclohexane

Concen: 46.024 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

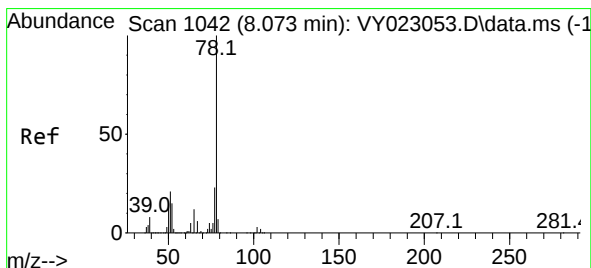
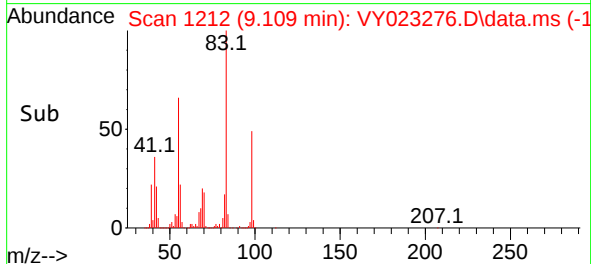
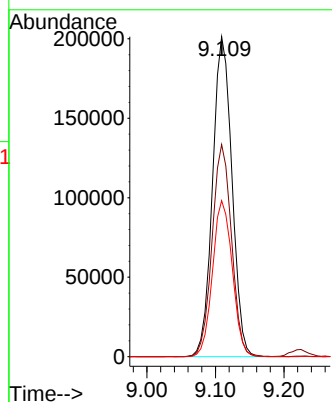
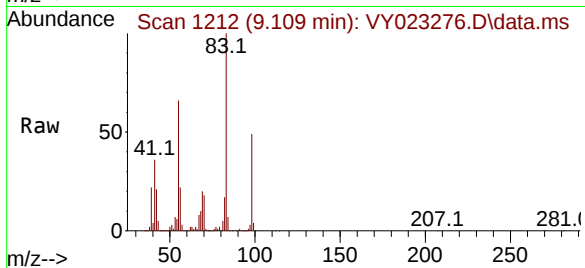
Tgt Ion: 83 Resp: 395802

Ion Ratio Lower Upper

83 100

55 66.3 57.6 86.4

98 48.7 39.2 58.8



#40

Benzene

Concen: 47.697 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023276.D

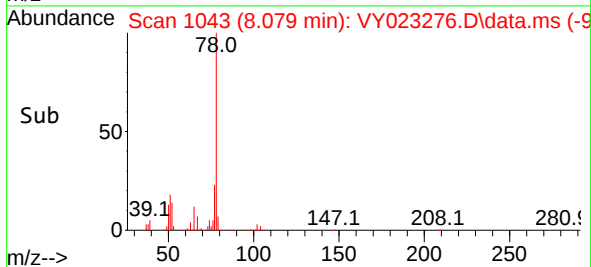
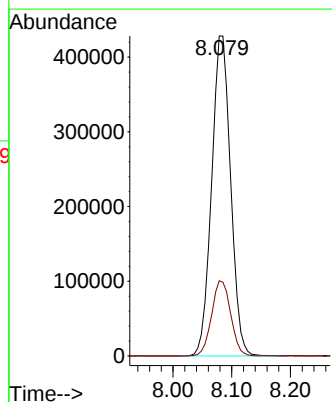
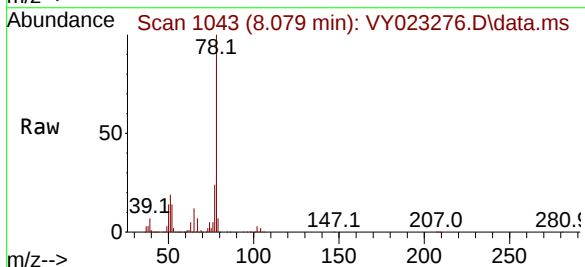
Acq: 03 Sep 2025 15:18

Tgt Ion: 78 Resp: 960060

Ion Ratio Lower Upper

78 100

77 23.5 18.6 28.0

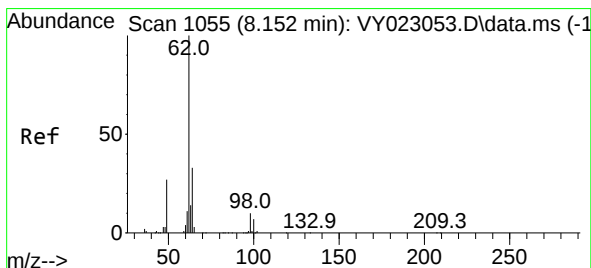
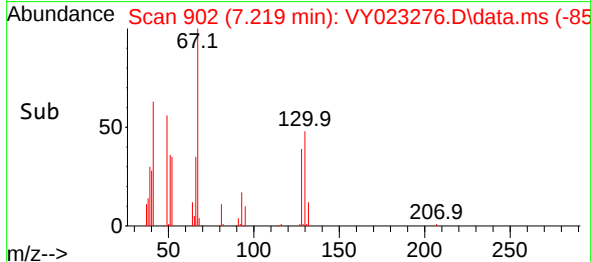
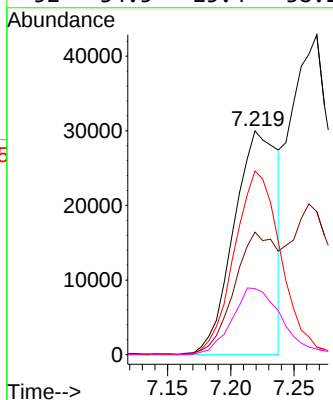
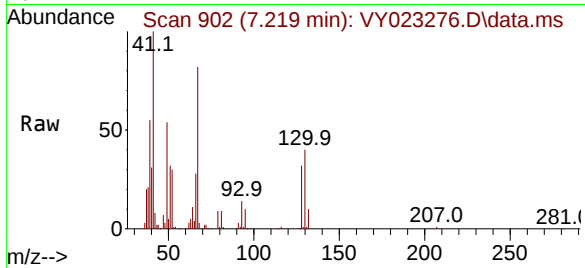




#41
Methacrylonitrile
Concen: 45.384 ug/l
RT: 7.219 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

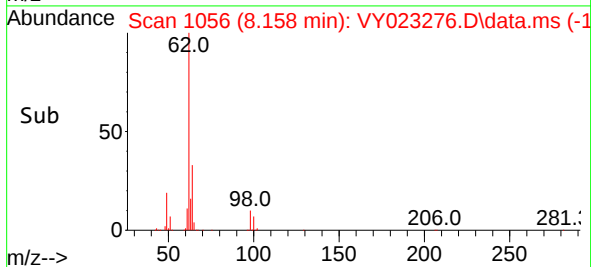
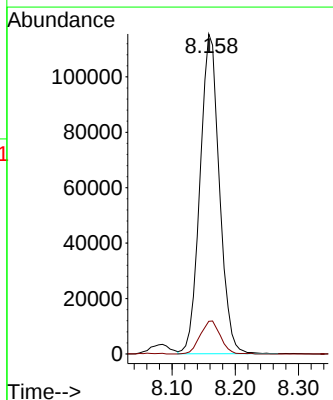
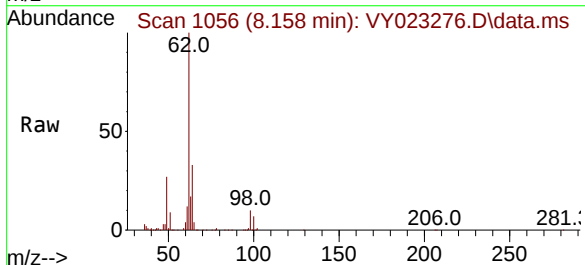
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	71853
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.4	65.2
67	89.3	63.6	95.4
52	34.5	25.4	38.2



#42
1,2-Dichloroethane
Concen: 47.009 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion:	62	Resp:	246090
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.6

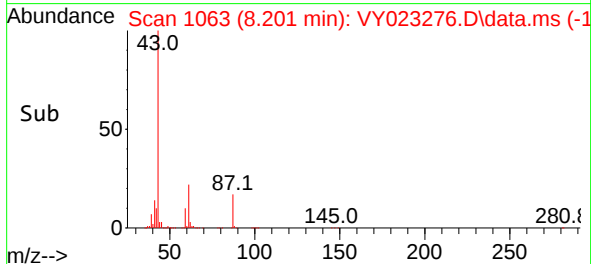
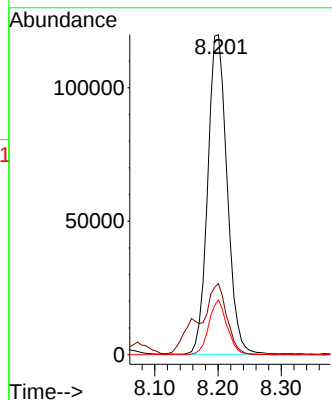
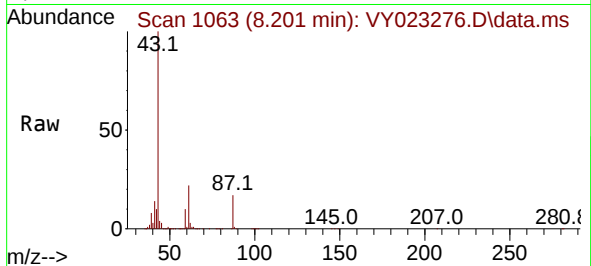




#43
Isopropyl Acetate
Concen: 45.967 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

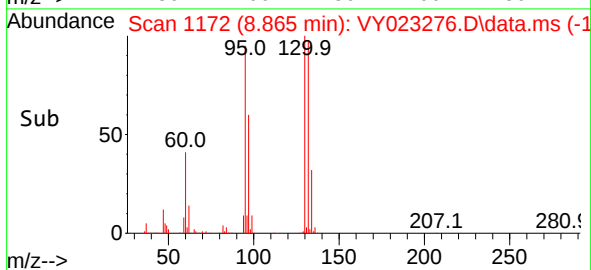
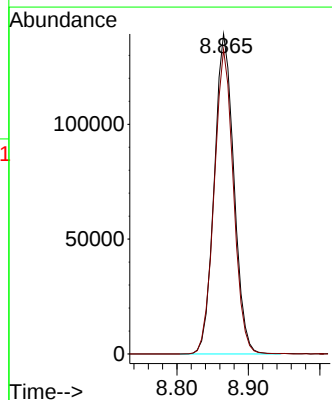
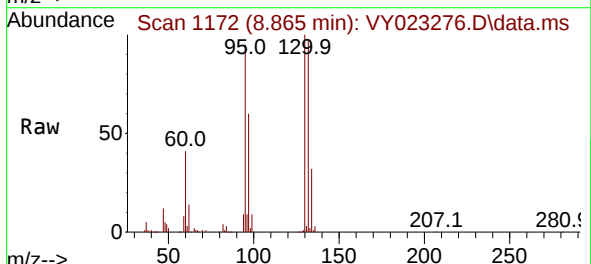
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 254876
Ion Ratio Lower Upper
43 100
61 22.9 16.4 24.6
87 16.1 11.8 17.6



#44
Trichloroethene
Concen: 50.977 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion:130 Resp: 265162
Ion Ratio Lower Upper
130 100
95 95.1 0.0 190.2





#45

1,2-Dichloropropane

Concen: 46.841 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

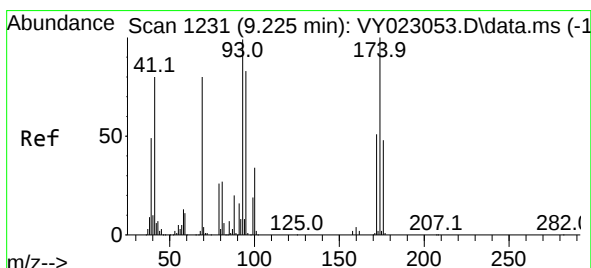
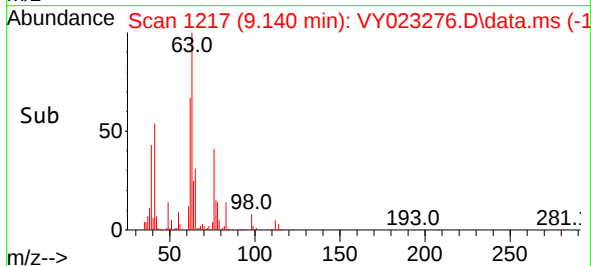
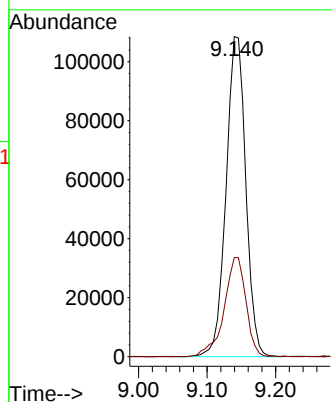
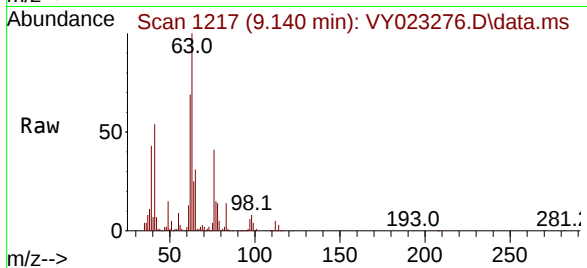
VSTDCCC050EC

Tgt Ion: 63 Resp: 216939

Ion Ratio Lower Upper

63 100

65 31.0 25.3 37.9



#46

Dibromomethane

Concen: 50.745 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

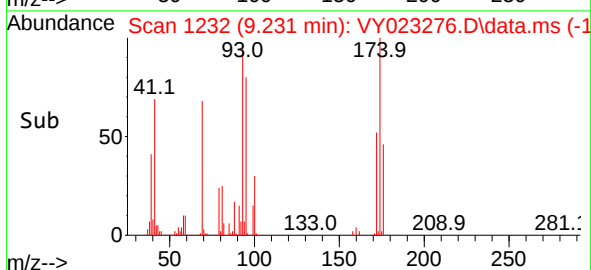
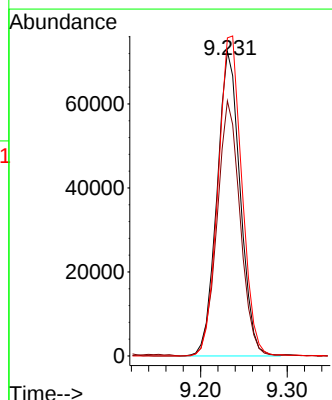
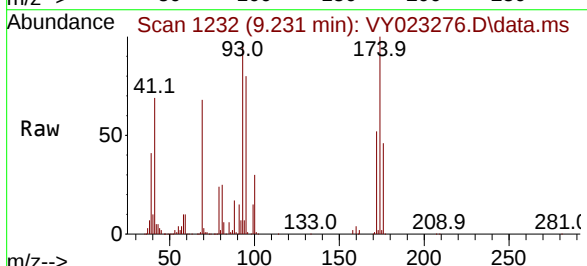
Tgt Ion: 93 Resp: 134891

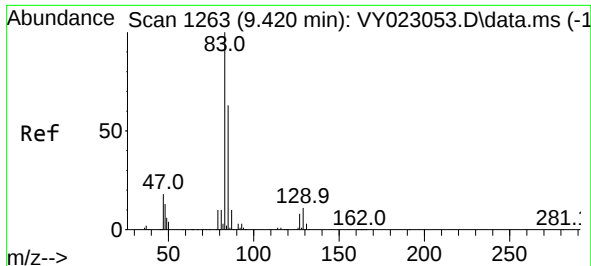
Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

174 107.7 81.8 122.8

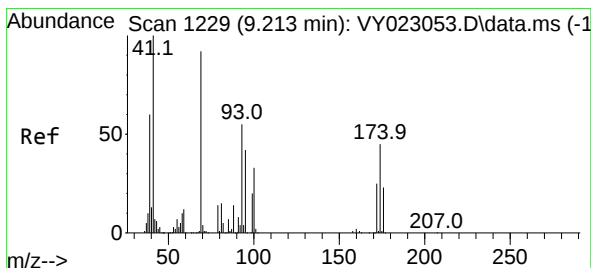
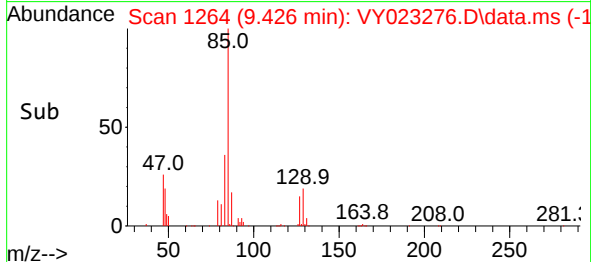
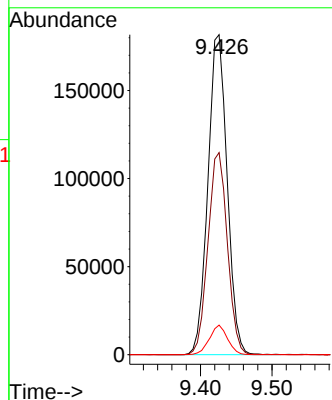
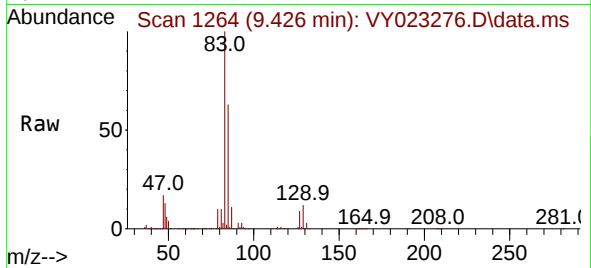




#47
Bromodichloromethane
Concen: 49.661 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

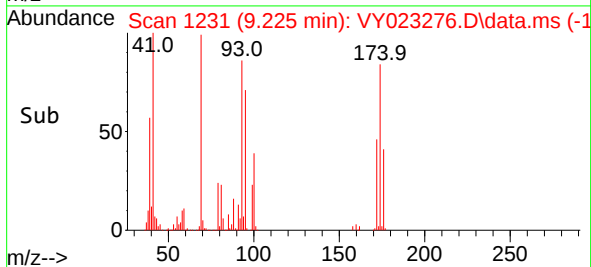
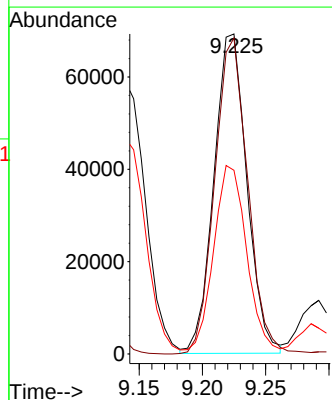
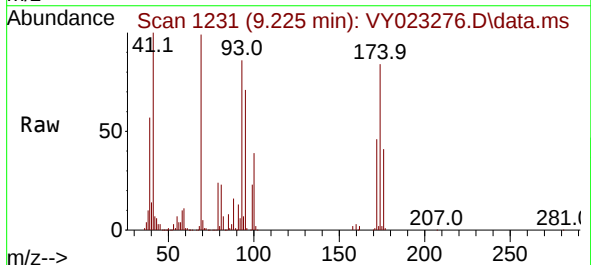
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

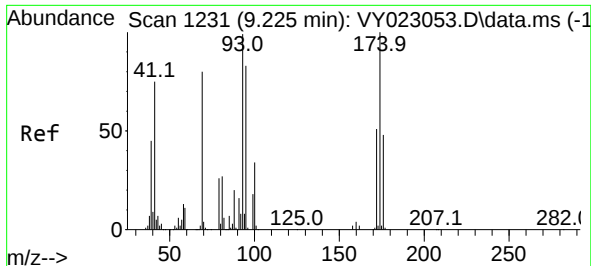
Tgt Ion: 83 Resp: 339683
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 47.284 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 41 Resp: 125456
Ion Ratio Lower Upper
41 100
69 99.0 73.2 109.8
39 56.9 47.0 70.4





#49

1,4-Dioxane

Concen: 958.559 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

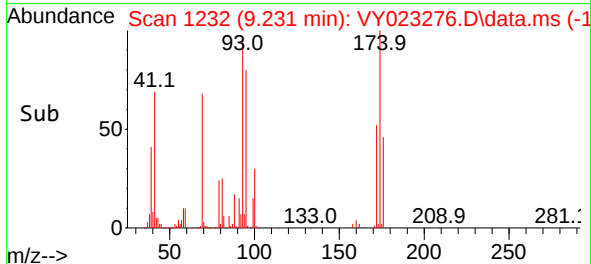
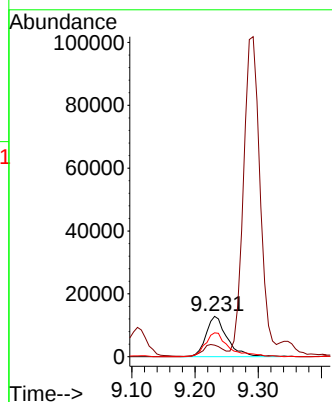
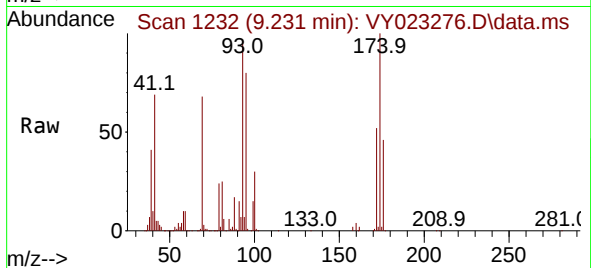
Tgt Ion: 88 Resp: 29877

Ion Ratio Lower Upper

88 100

43 26.2 24.3 36.5

58 65.8 55.4 83.0



#50

Toluene-d8

Concen: 47.955 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023276.D

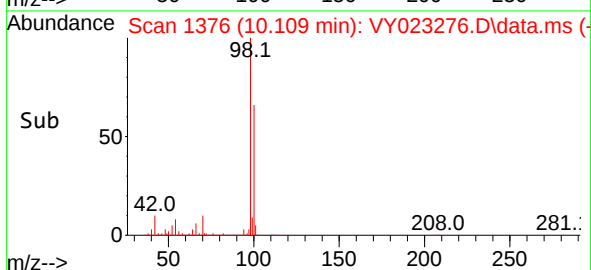
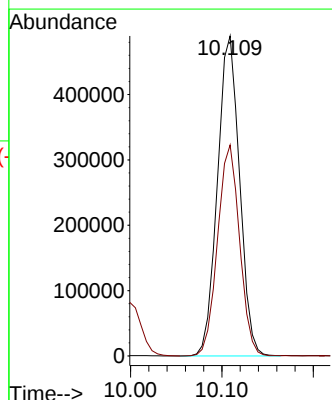
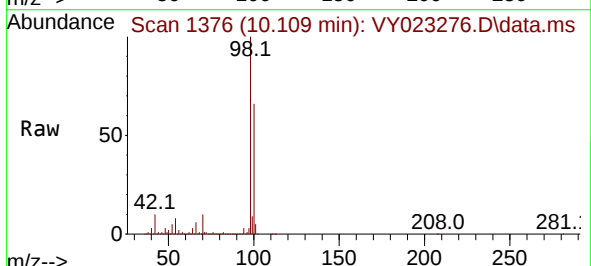
Acq: 03 Sep 2025 15:18

Tgt Ion: 98 Resp: 823235

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 242.106 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

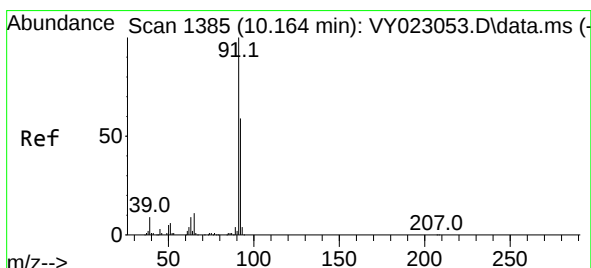
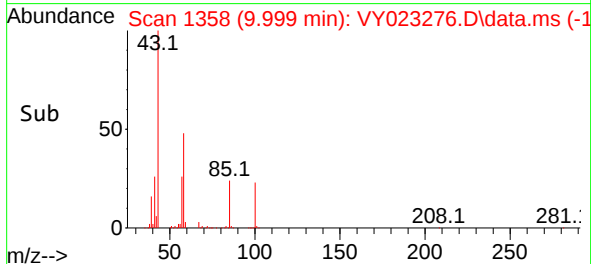
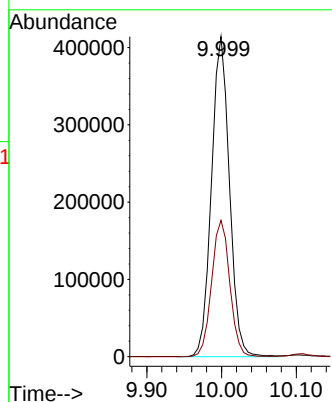
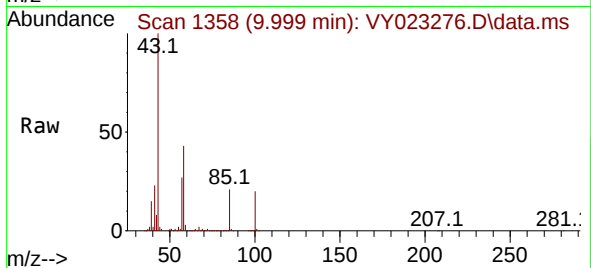
VSTDCCC050EC

Tgt Ion: 43 Resp: 692454

Ion Ratio Lower Upper

43 100

58 43.1 33.5 50.3



#52

Toluene

Concen: 48.955 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023276.D

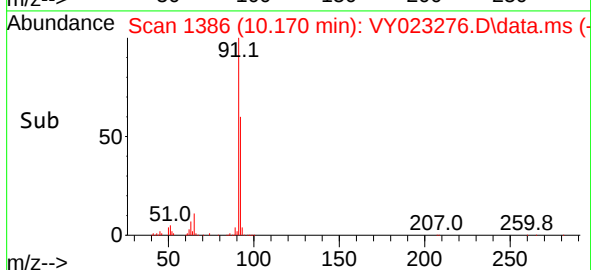
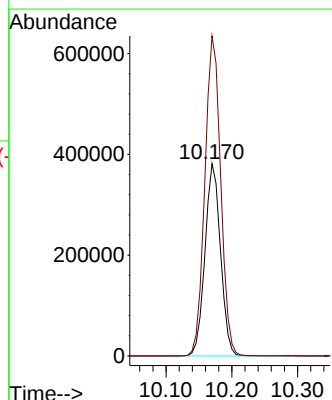
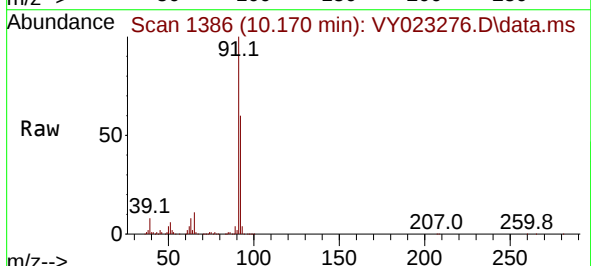
Acq: 03 Sep 2025 15:18

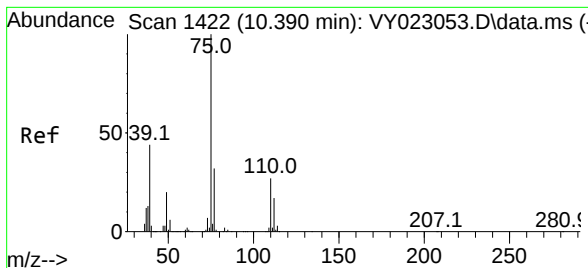
Tgt Ion: 92 Resp: 625846

Ion Ratio Lower Upper

92 100

91 170.1 136.4 204.6

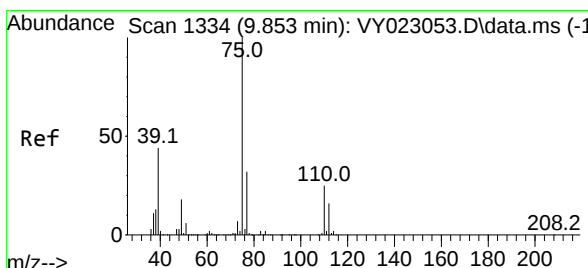
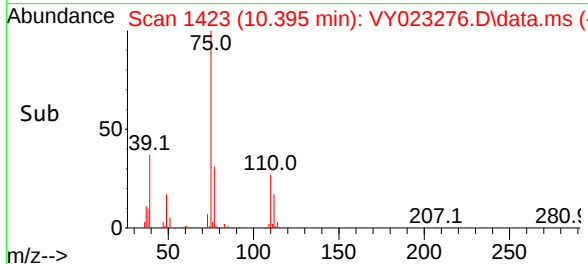
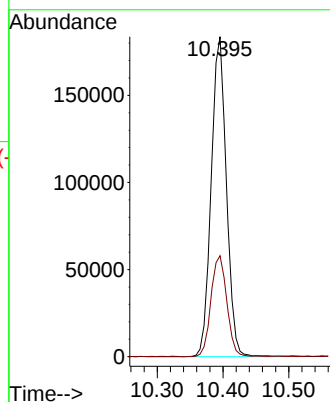
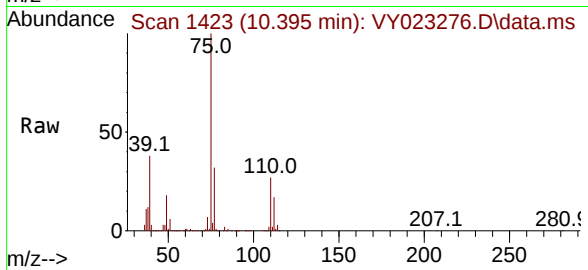




#53
t-1,3-Dichloropropene
Concen: 47.674 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

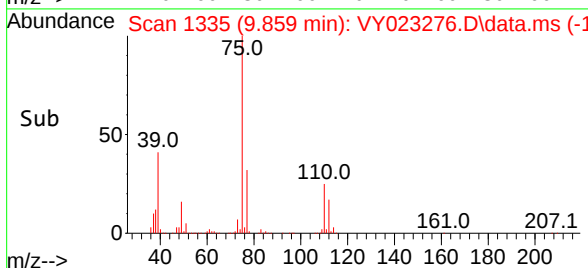
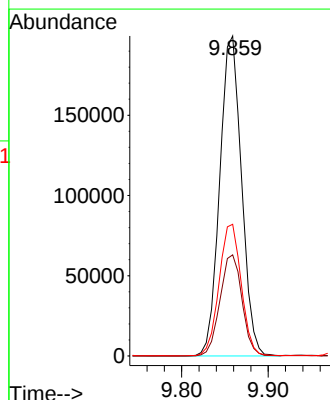
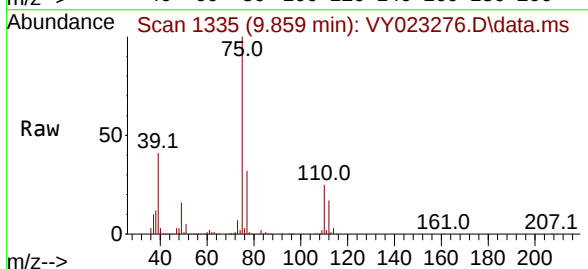
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

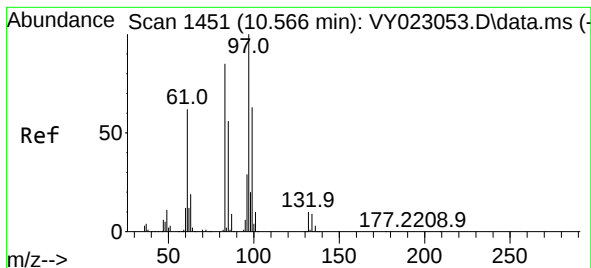
Tgt Ion: 75 Resp: 295286
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 47.607 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 75 Resp: 348688
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 41.1 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 50.937 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 181181

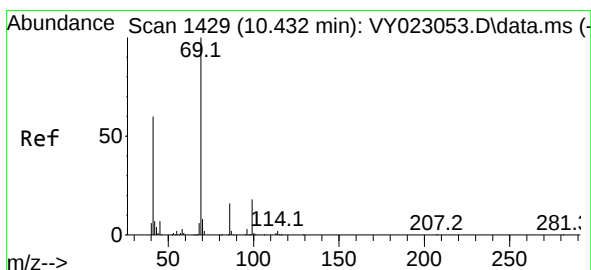
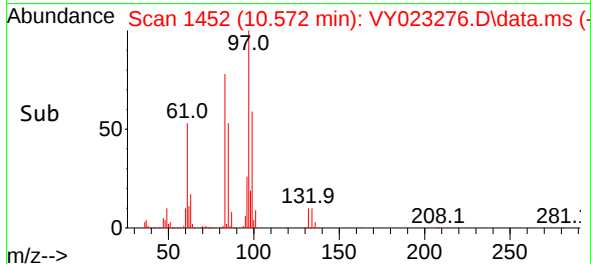
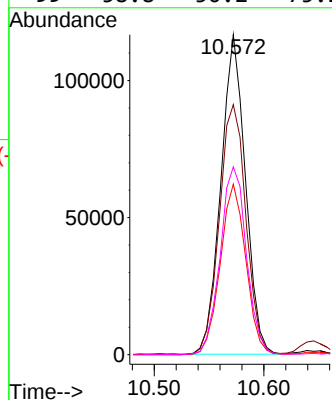
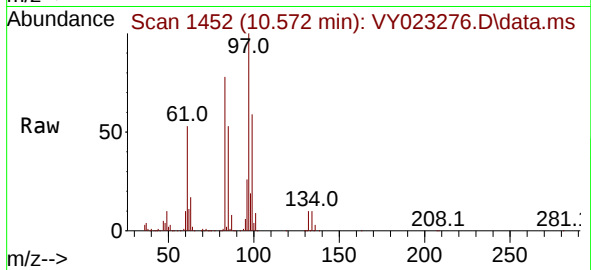
Ion Ratio Lower Upper

97 100

83 78.3 67.7 101.5

85 53.4 44.5 66.7

99 58.8 50.2 75.2



#56

Ethyl methacrylate

Concen: 50.310 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

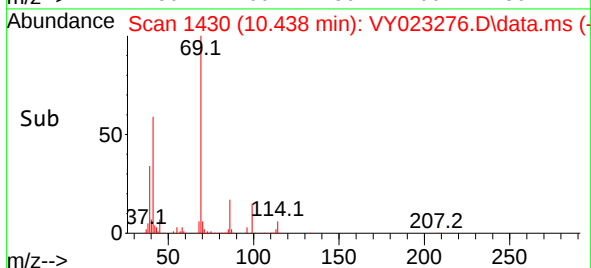
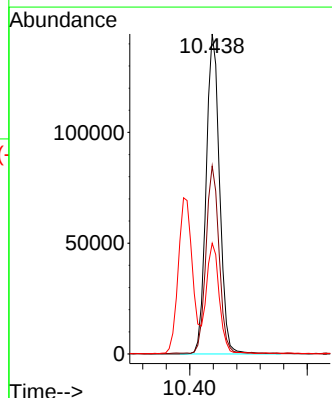
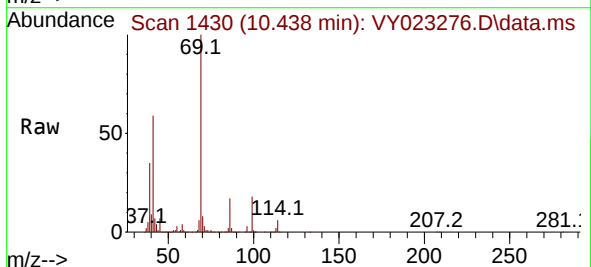
Tgt Ion: 69 Resp: 228989

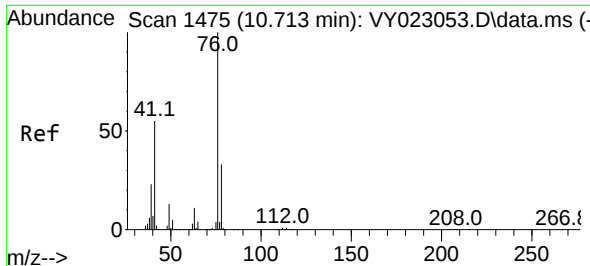
Ion Ratio Lower Upper

69 100

41 56.8 48.6 72.8

39 32.3 27.0 40.4





#57

1,3-Dichloropropane

Concen: 49.210 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

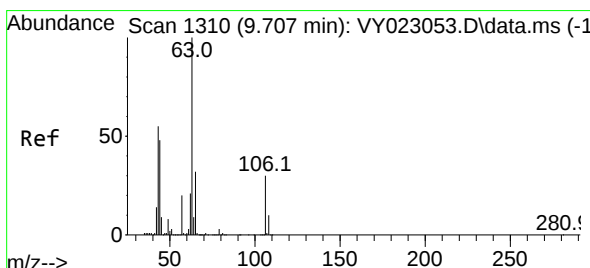
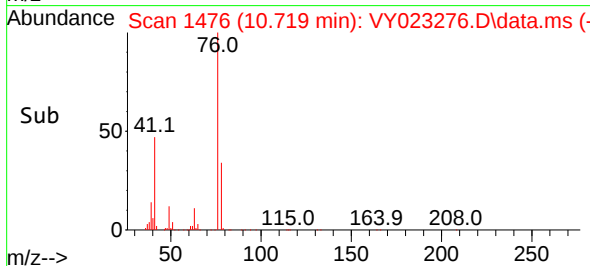
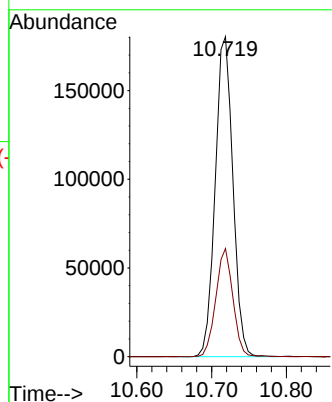
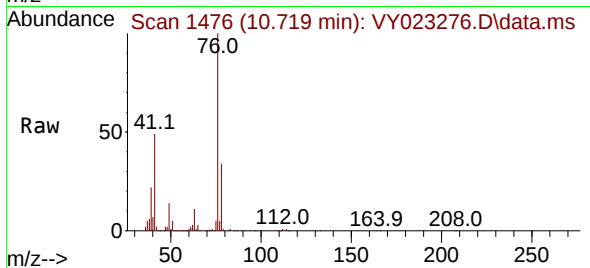
VSTDCCC050EC

Tgt Ion: 76 Resp: 296853

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 246.771 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023276.D

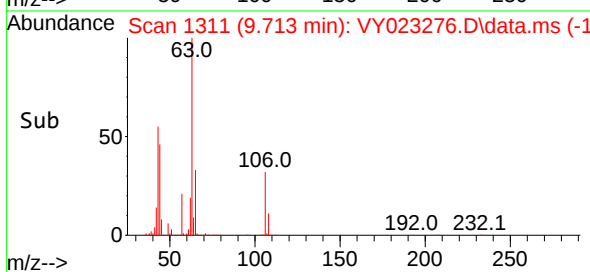
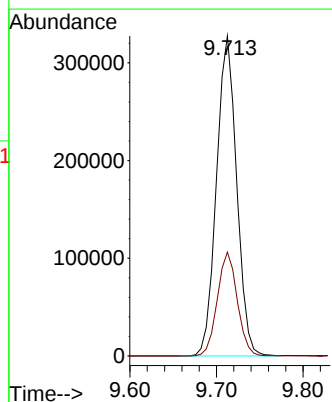
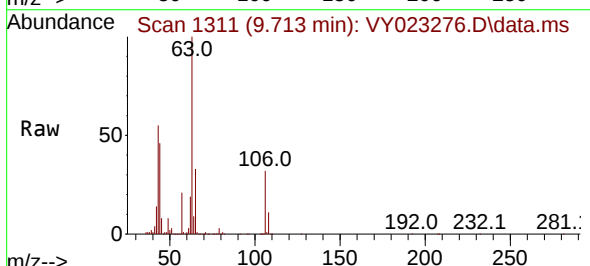
Acq: 03 Sep 2025 15:18

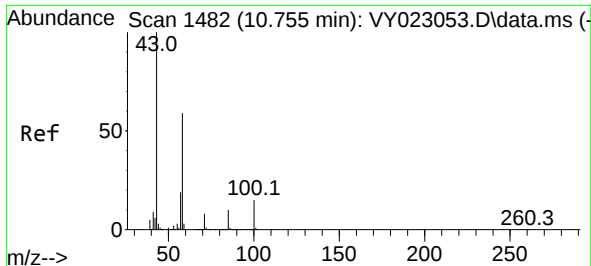
Tgt Ion: 63 Resp: 529807

Ion Ratio Lower Upper

63 100

106 32.1 23.2 34.8

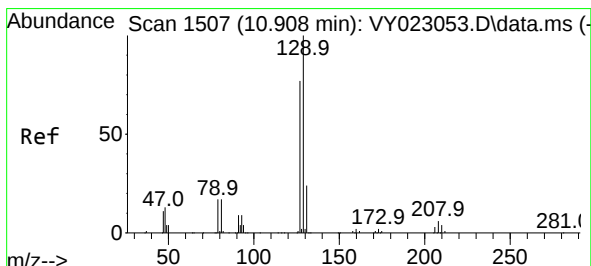
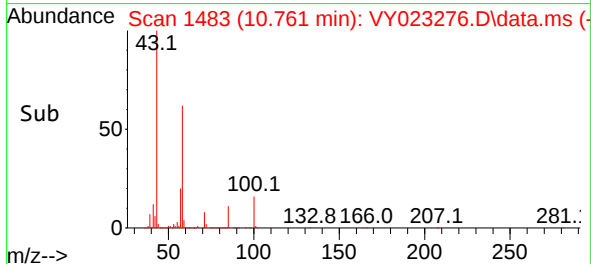
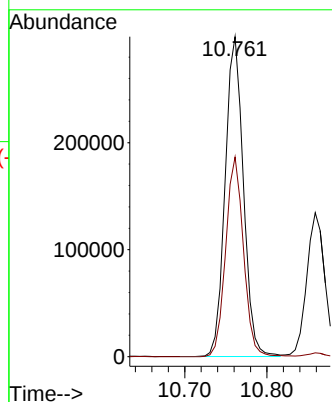
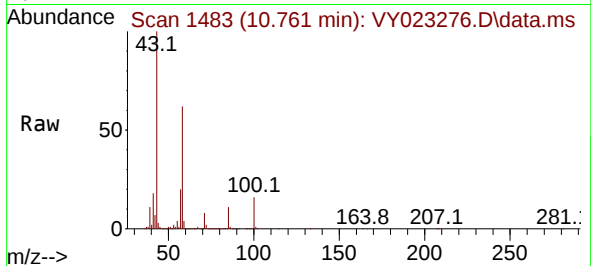




#59
2-Hexanone
Concen: 236.785 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

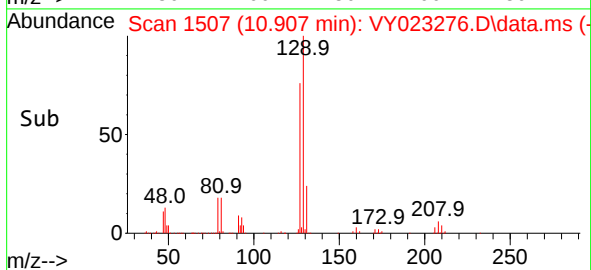
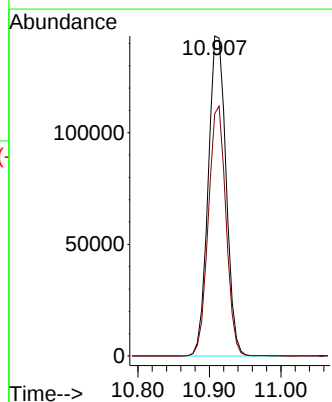
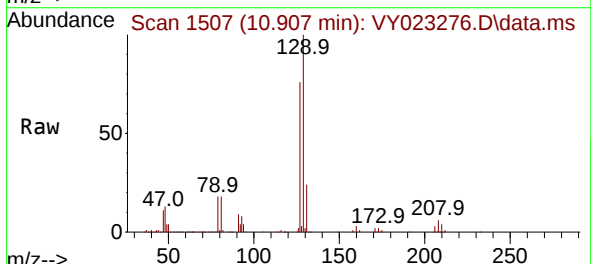
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

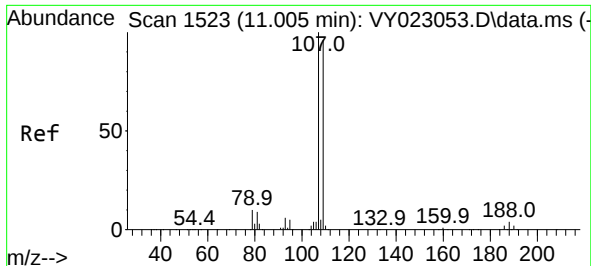
Tgt Ion: 43 Resp: 461150
Ion Ratio Lower Upper
43 100
58 60.9 29.5 88.5



#60
Dibromochloromethane
Concen: 52.989 ug/l
RT: 10.907 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 129 Resp: 248700
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5

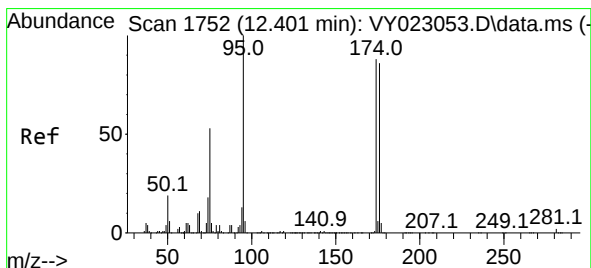
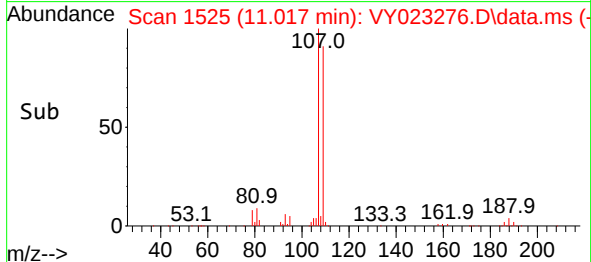
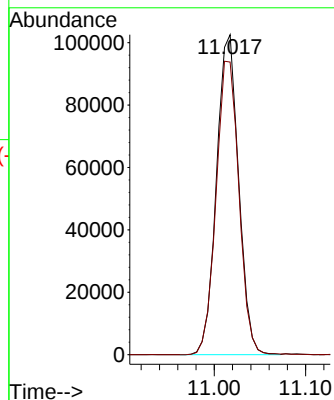
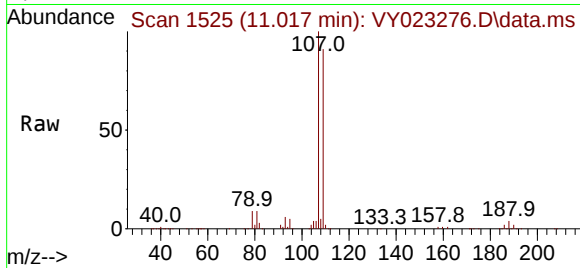




#61
1,2-Dibromoethane
Concen: 51.642 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

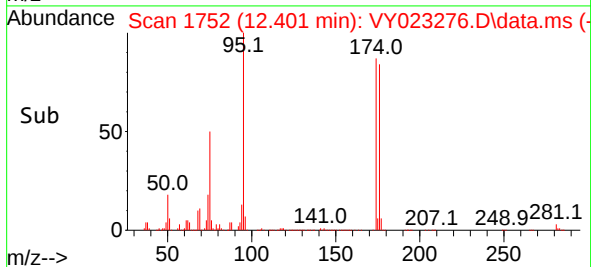
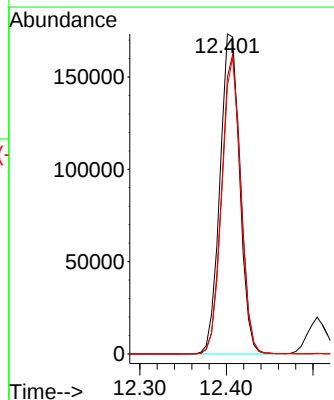
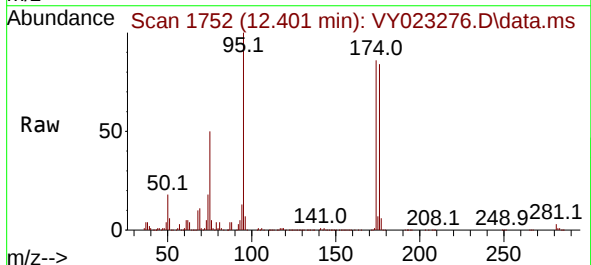
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

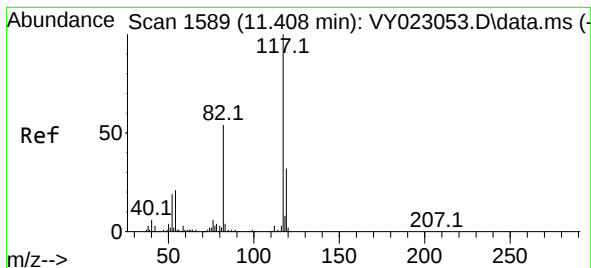
Tgt Ion:107 Resp: 172649
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.617 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 95 Resp: 273928
Ion Ratio Lower Upper
95 100
174 91.6 0.0 171.6
176 88.8 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

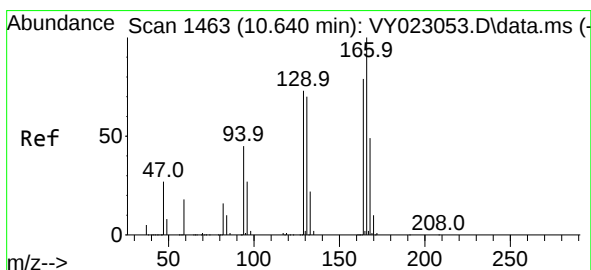
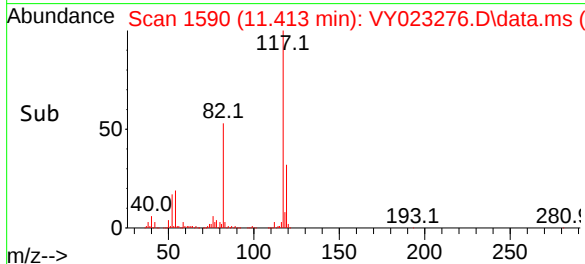
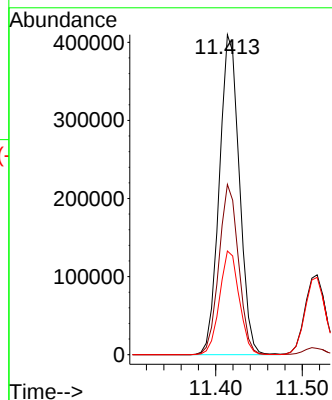
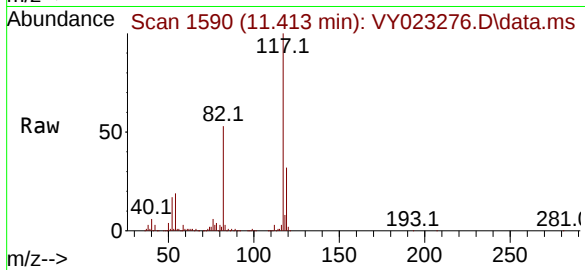
Tgt Ion:117 Resp: 657599

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 56.117 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Tgt Ion:164 Resp: 329512

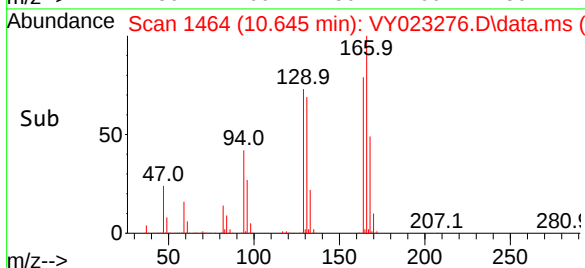
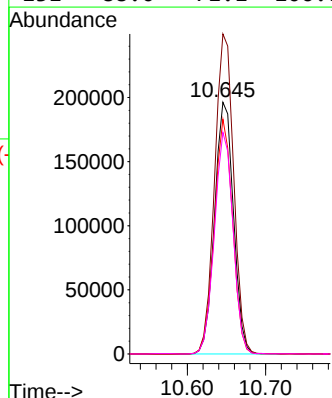
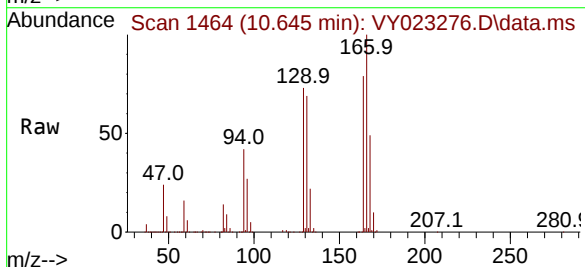
Ion Ratio Lower Upper

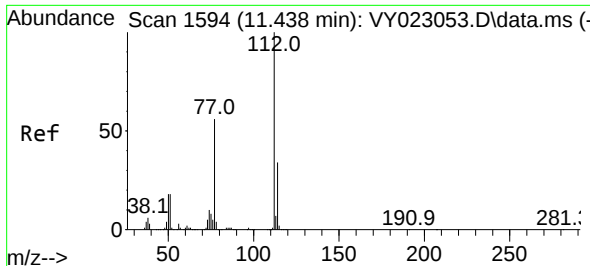
164 100

166 127.1 101.1 151.7

129 93.3 74.0 111.0

131 88.0 71.1 106.7

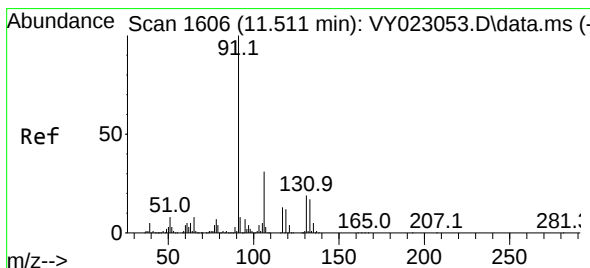
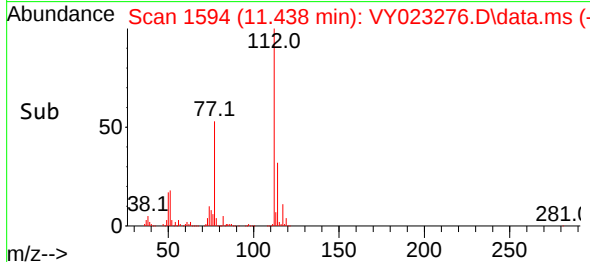
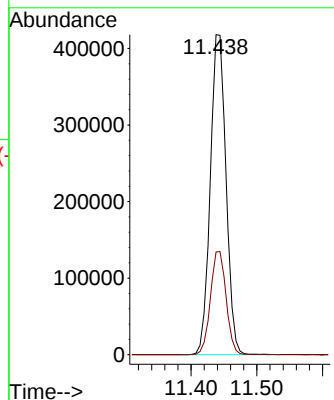
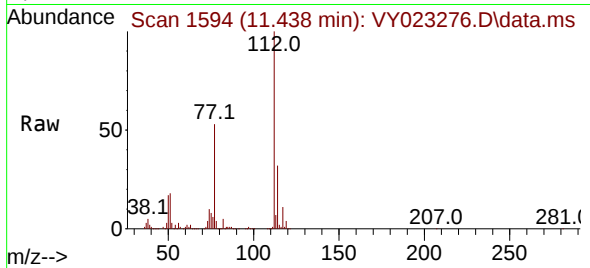




#65
Chlorobenzene
Concen: 49.095 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

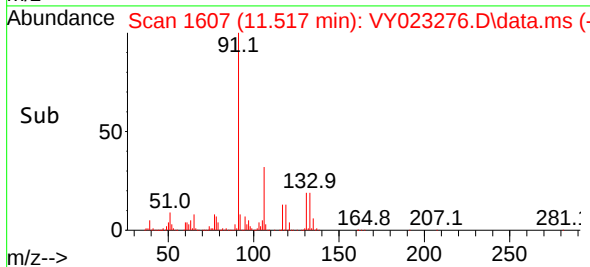
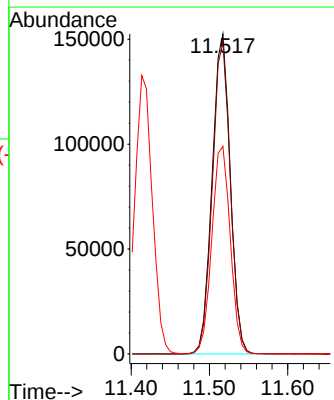
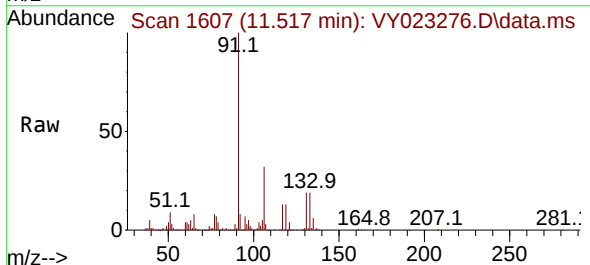
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

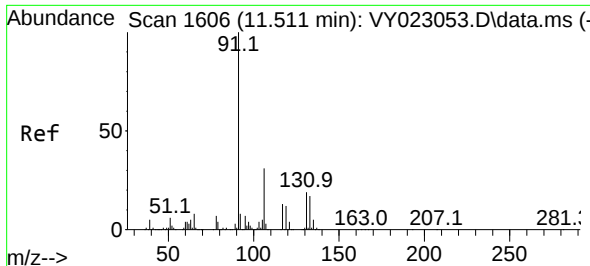
Tgt Ion:112 Resp: 696384
Ion Ratio Lower Upper
112 100
114 32.1 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.945 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion:131 Resp: 245251
Ion Ratio Lower Upper
131 100
133 96.4 46.9 140.6
119 66.2 33.2 99.6





#67

Ethyl Benzene

Concen: 48.165 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

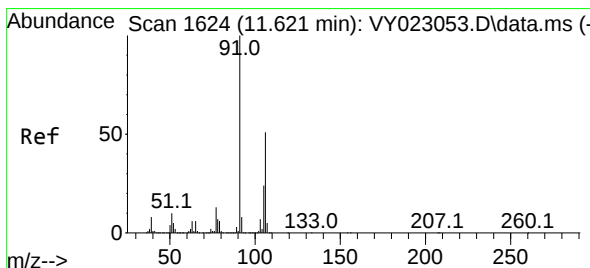
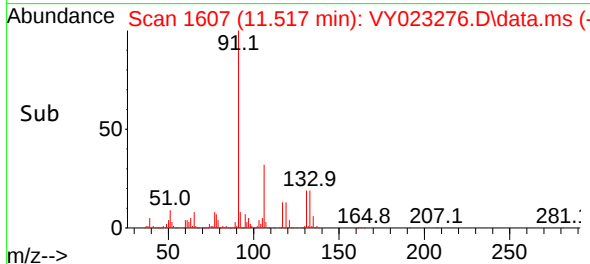
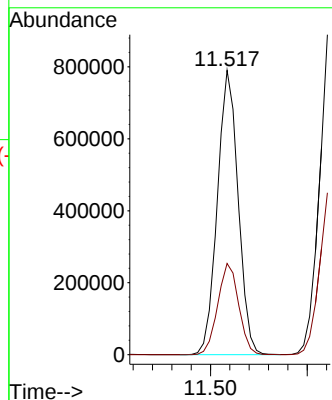
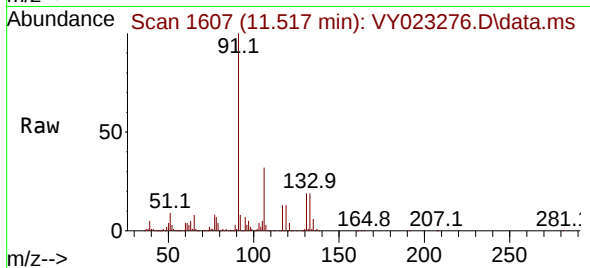
VSTDCCC050EC

Tgt Ion: 91 Resp: 1175709

Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.4



#68

m/p-Xylenes

Concen: 98.607 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023276.D

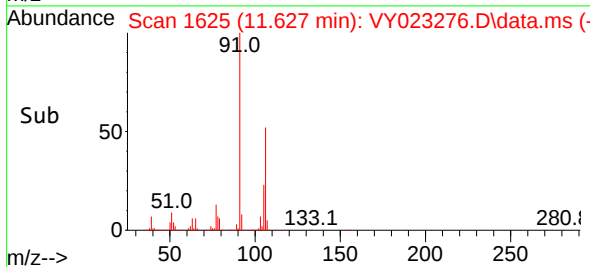
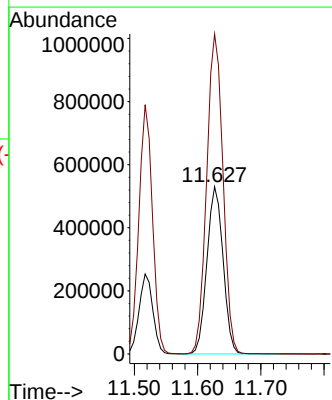
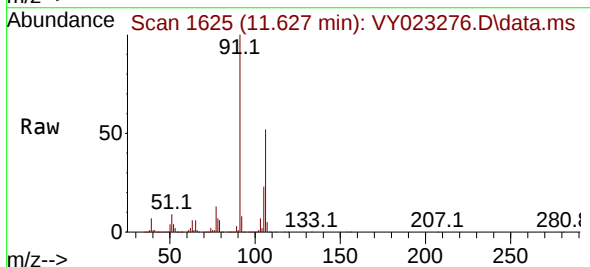
Acq: 03 Sep 2025 15:18

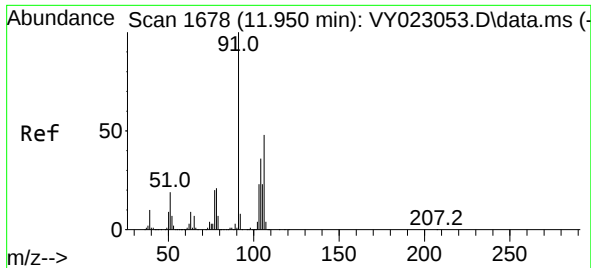
Tgt Ion:106 Resp: 940089

Ion Ratio Lower Upper

106 100

91 193.3 158.6 238.0

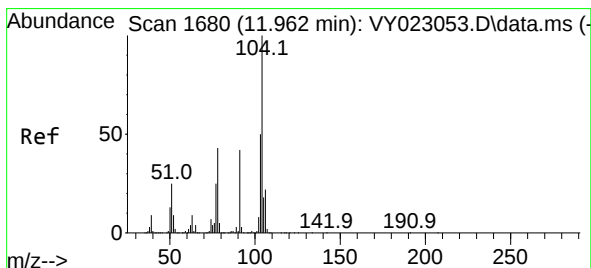
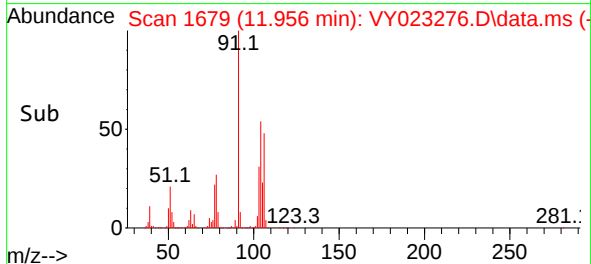
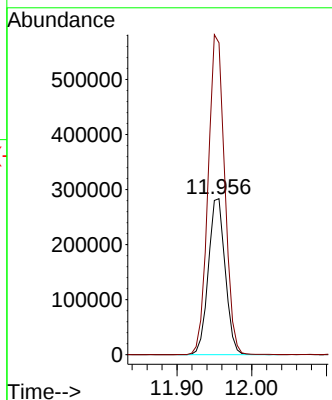
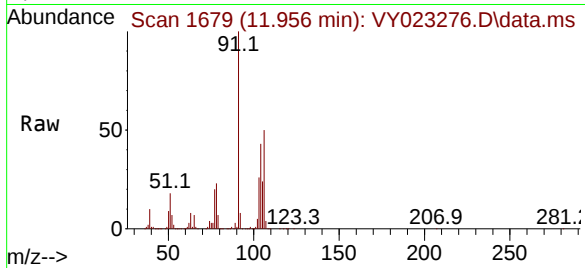




#69
o-Xylene
Concen: 49.666 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

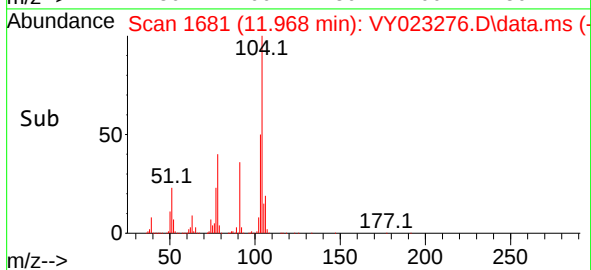
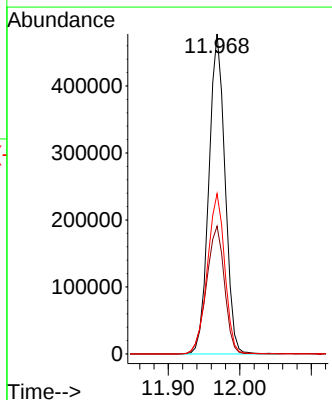
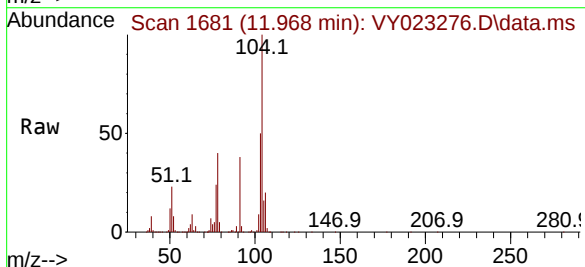
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

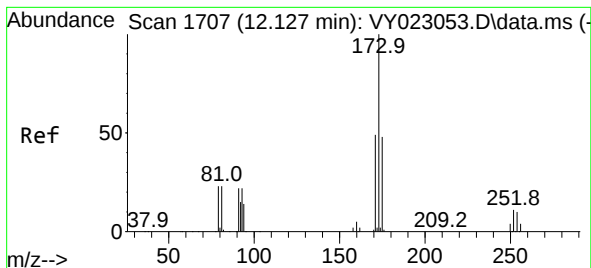
Tgt Ion:106 Resp: 443474
Ion Ratio Lower Upper
106 100
91 202.8 103.2 309.4



#70
Styrene
Concen: 51.379 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion:104 Resp: 750262
Ion Ratio Lower Upper
104 100
78 44.5 38.5 57.7
103 53.9 43.7 65.5





#71

Bromoform

Concen: 54.526 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

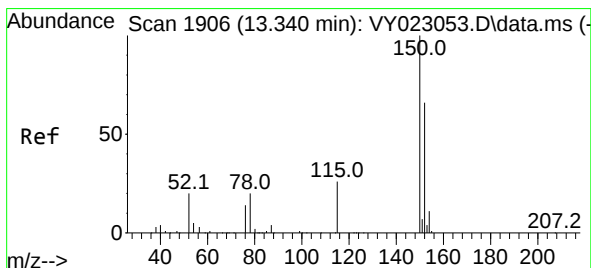
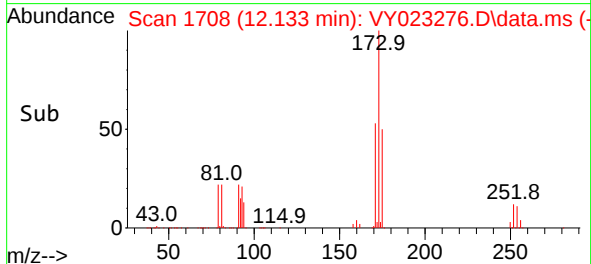
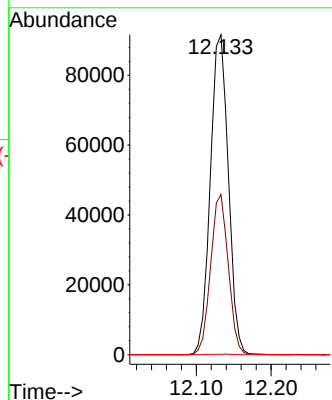
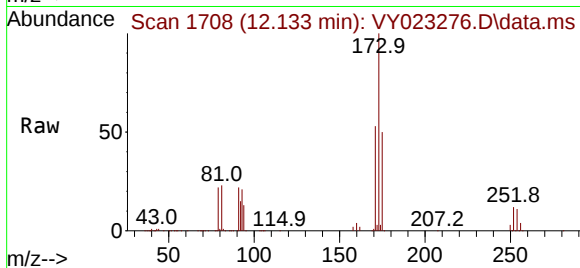
Tgt Ion:173 Resp: 153413

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

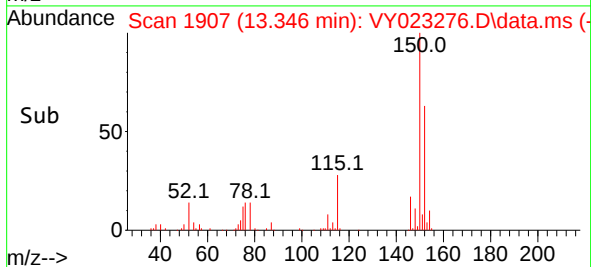
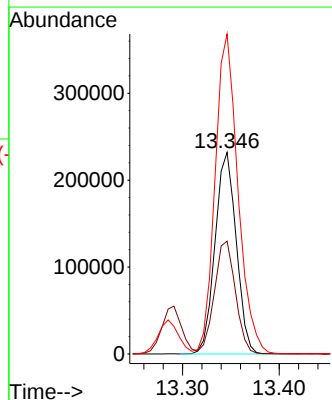
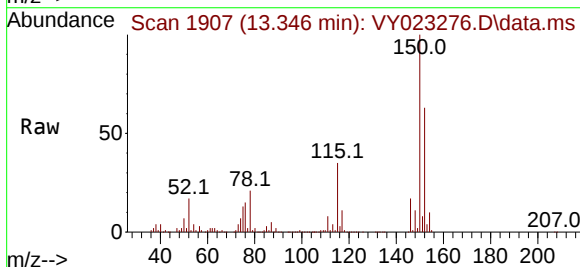
Tgt Ion:152 Resp: 352837

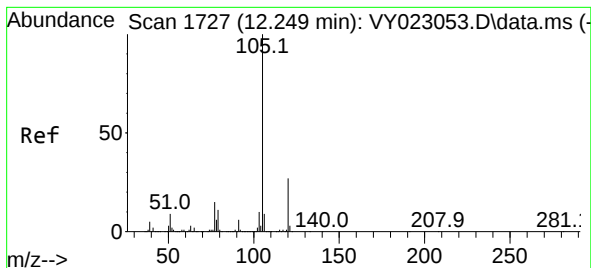
Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

150 171.3 0.0 348.0





#73

Isopropylbenzene

Concen: 46.141 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

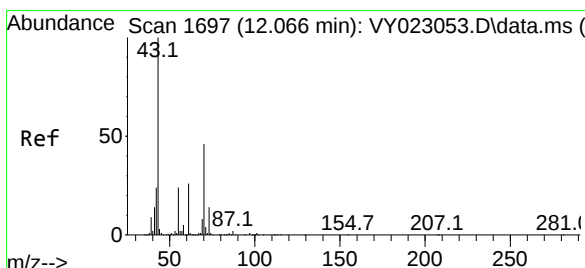
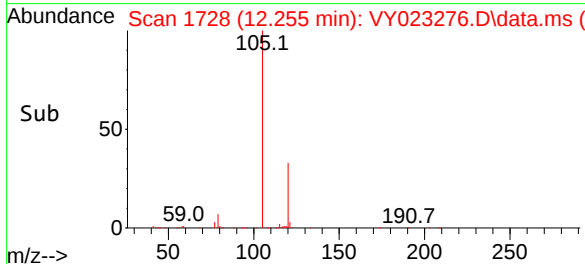
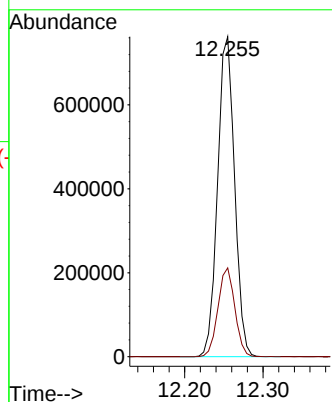
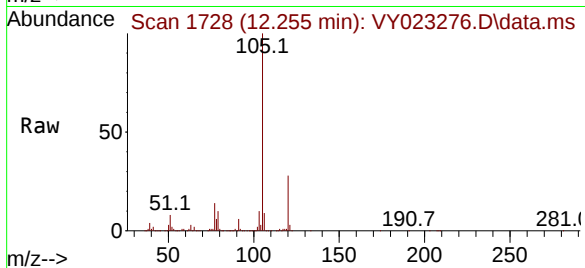
VSTDCCC050EC

Tgt Ion:105 Resp: 1149046

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-ethyl acetate

Concen: 42.786 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Tgt Ion: 43 Resp: 225955

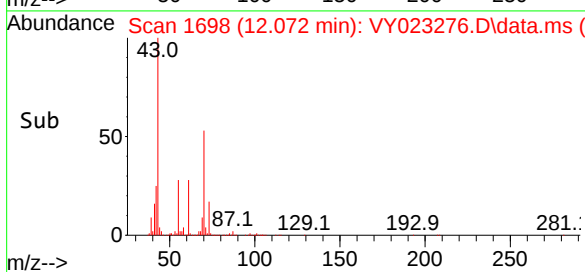
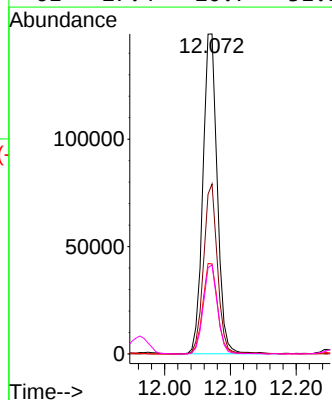
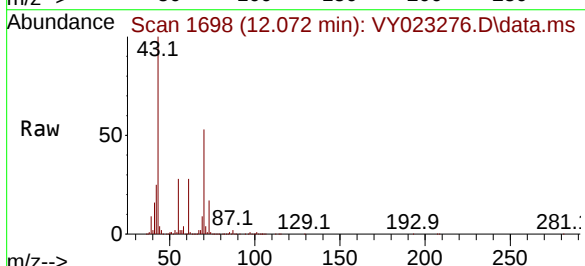
Ion Ratio Lower Upper

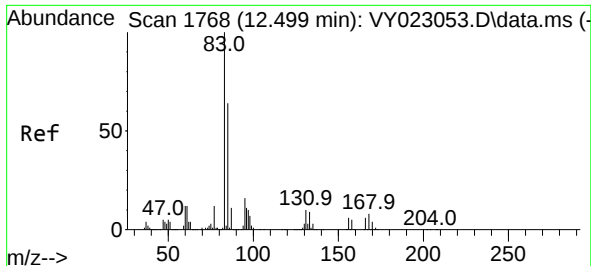
43 100

70 51.5 37.5 56.3

55 29.1 20.7 31.1

61 27.4 20.7 31.1

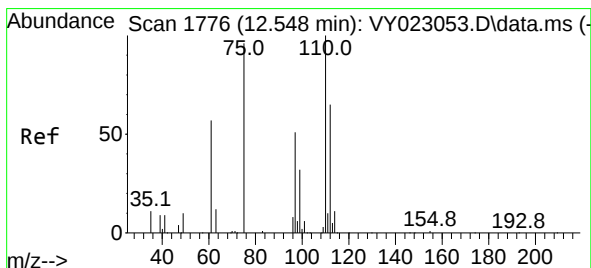
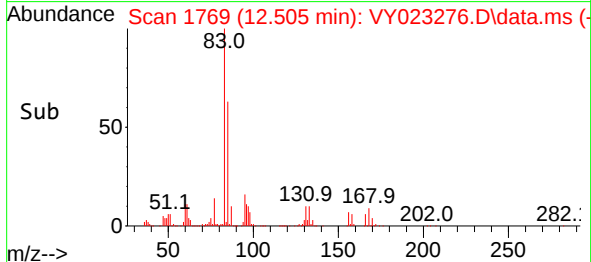
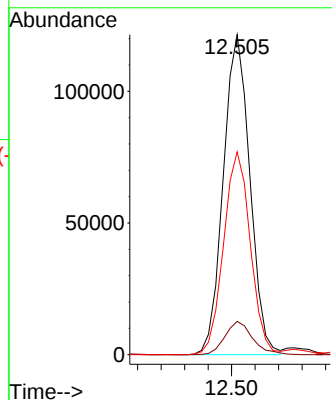
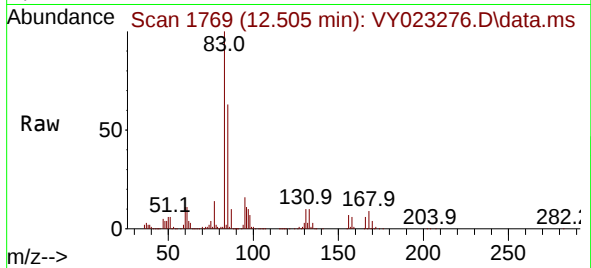




#75
1,1,2,2-Tetrachloroethane
Concen: 44.916 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

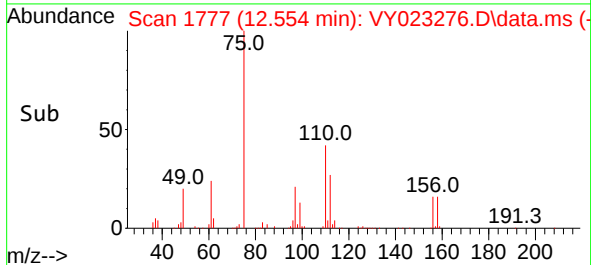
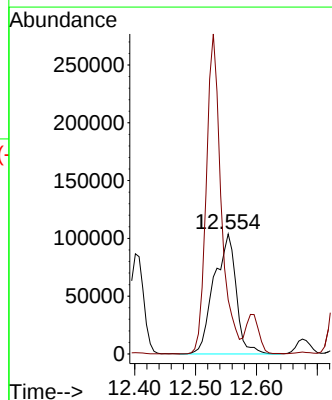
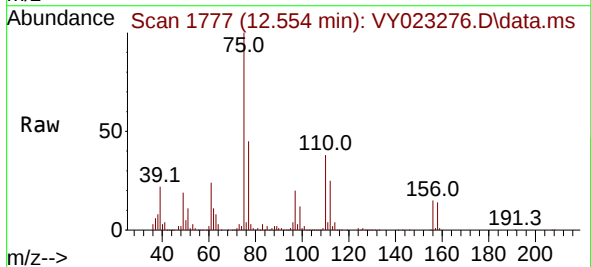
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

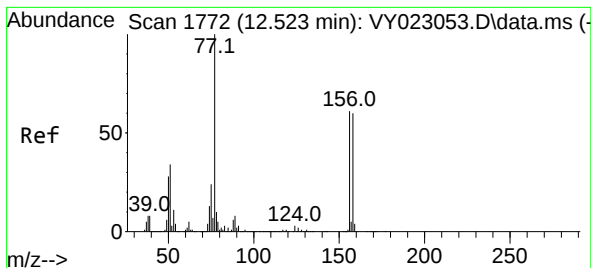
Tgt Ion: 83 Resp: 190987
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 63.7 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 76.658 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 75 Resp: 261038
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.005 ug/l

RT: 12.529 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

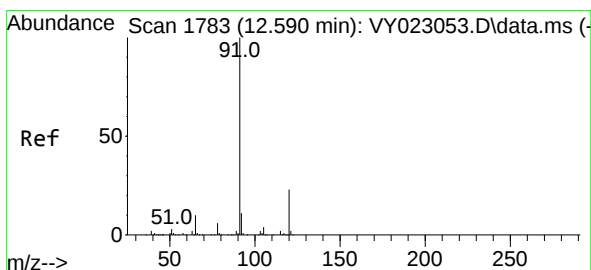
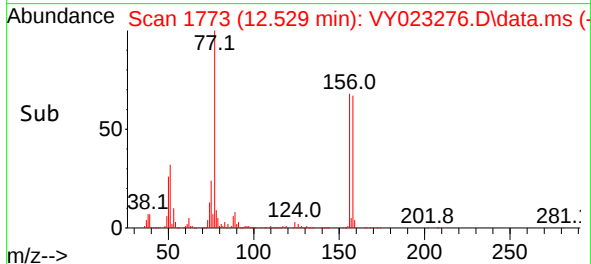
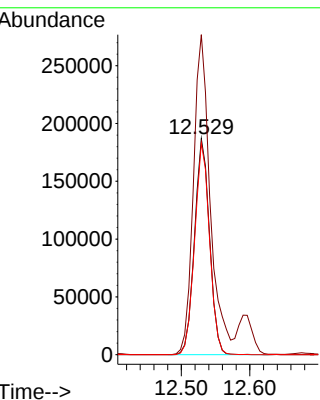
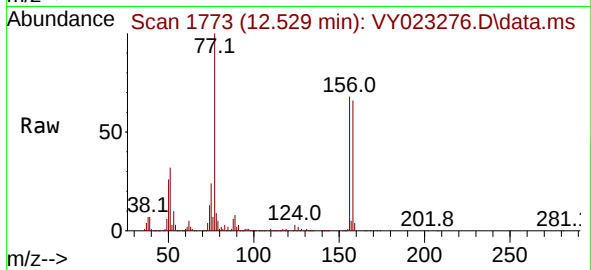
Tgt Ion:156 Resp: 285203

Ion Ratio Lower Upper

156 100

77 164.7 88.1 264.4

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 45.934 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023276.D

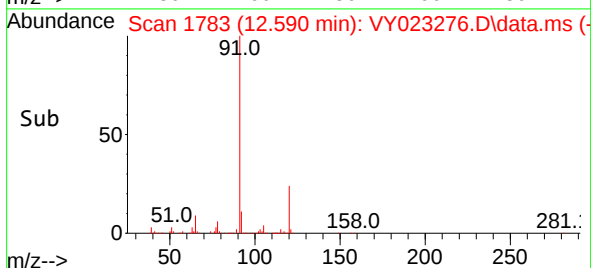
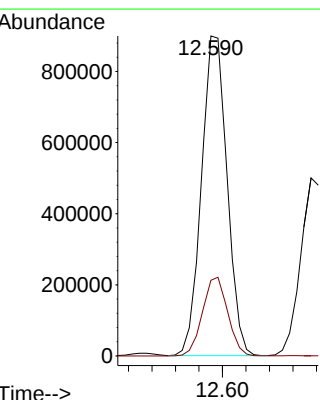
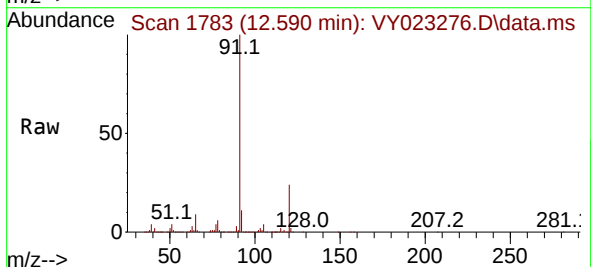
Acq: 03 Sep 2025 15:18

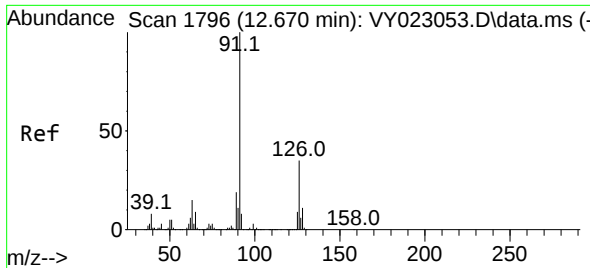
Tgt Ion: 91 Resp: 1361878

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.5

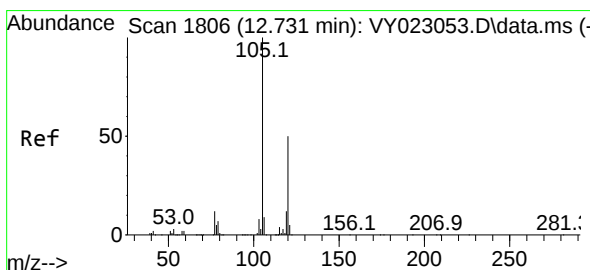
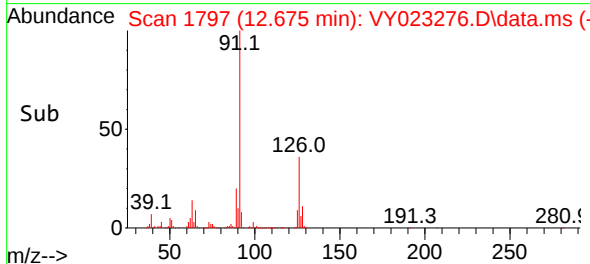
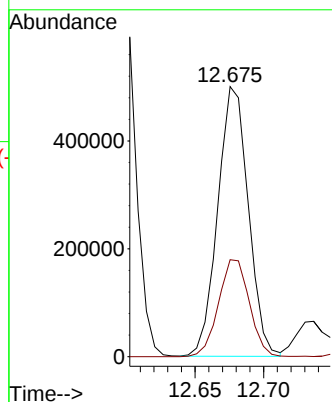
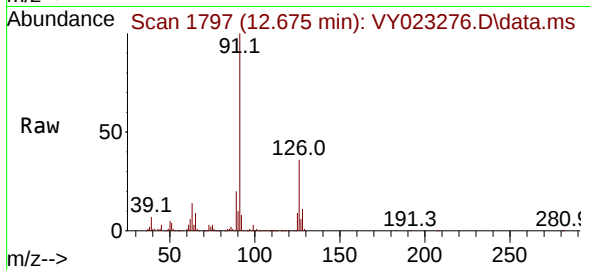




#79
2-Chlorotoluene
Concen: 45.752 ug/l
RT: 12.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

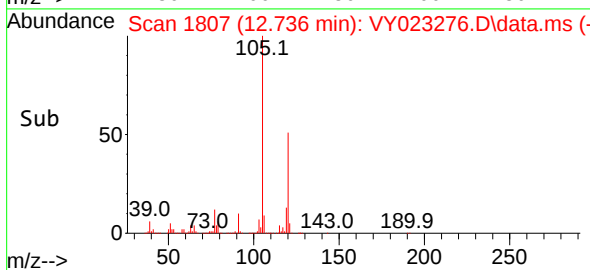
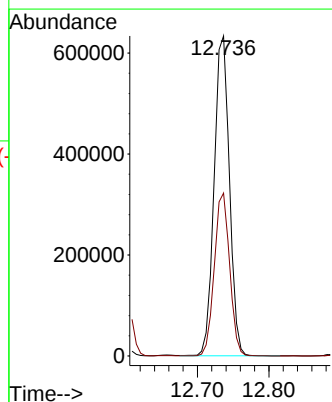
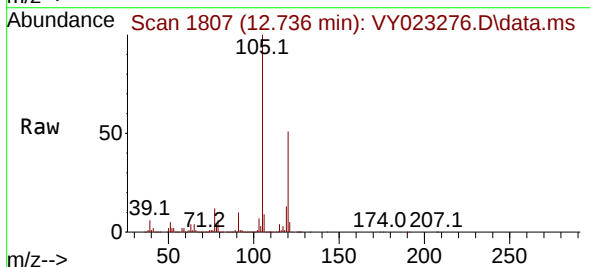
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

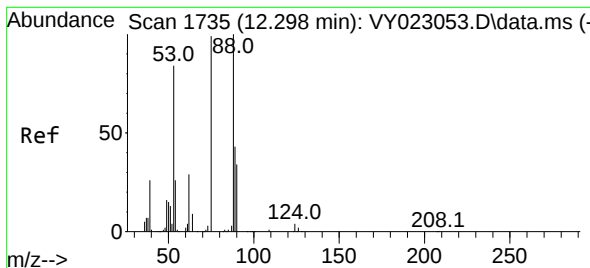
Tgt Ion: 91 Resp: 777199
Ion Ratio Lower Upper
91 100
126 36.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 46.750 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 105 Resp: 940909
Ion Ratio Lower Upper
105 100
120 51.0 24.8 74.4

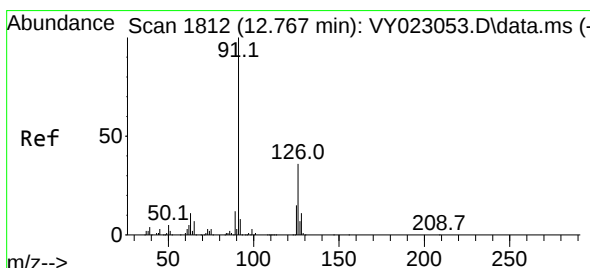
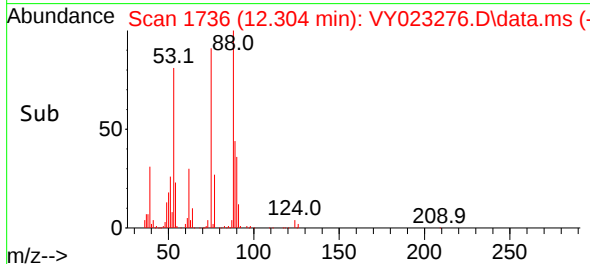
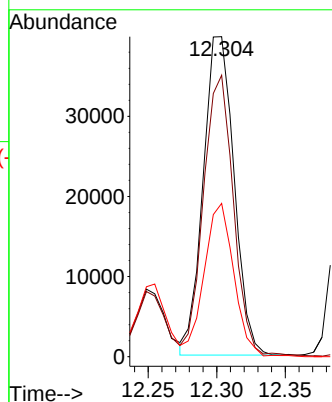
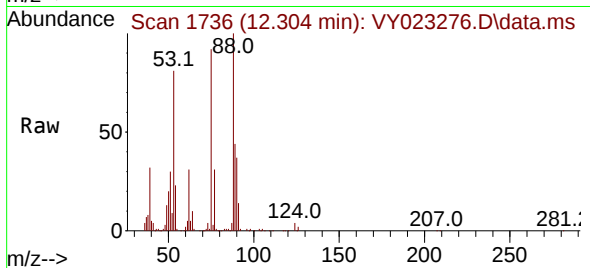




#81
trans-1,4-Dichloro-2-butene
Concen: 44.320 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

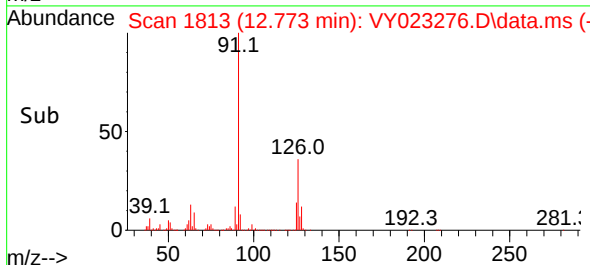
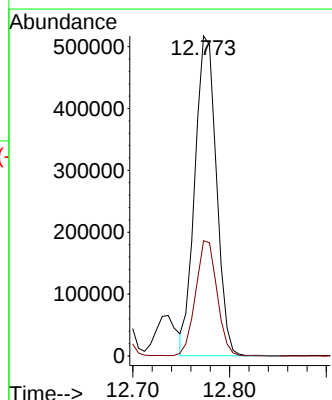
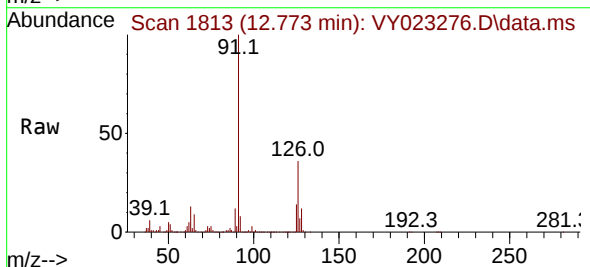
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

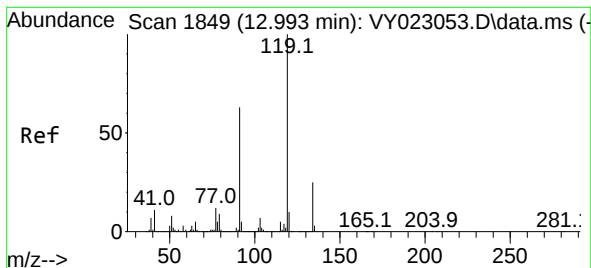
Tgt Ion: 75 Resp: 62347
Ion Ratio Lower Upper
75 100
53 86.0 70.8 106.2
89 46.6 38.1 57.1



#82
4-Chlorotoluene
Concen: 45.408 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 91 Resp: 800201
Ion Ratio Lower Upper
91 100
126 35.9 17.3 52.0

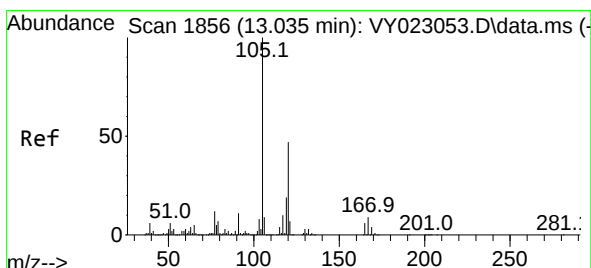
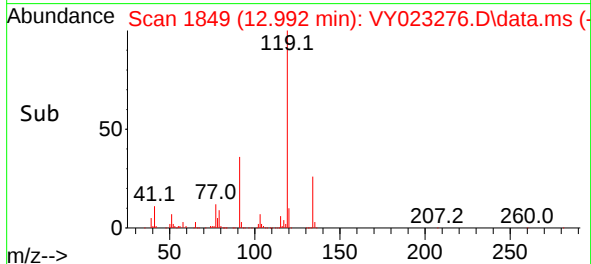
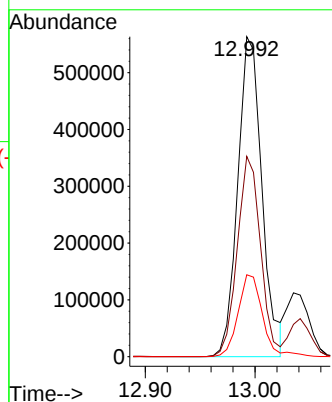
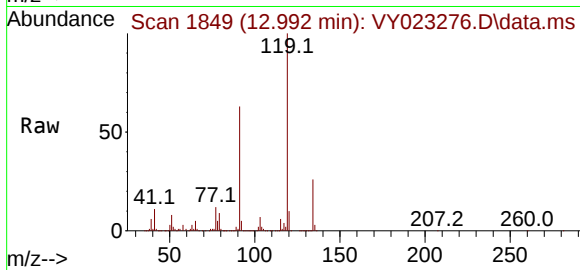




#83
tert-Butylbenzene
Concen: 47.417 ug/l
RT: 12.992 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

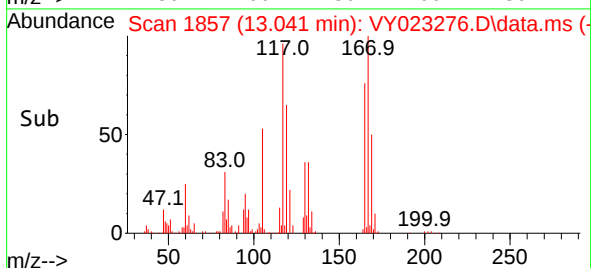
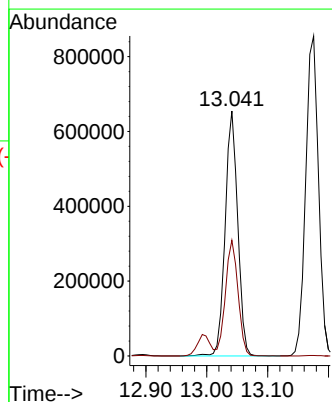
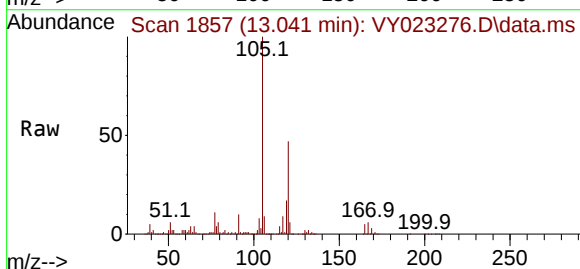
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

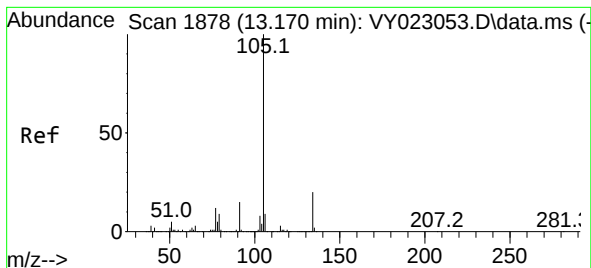
Tgt Ion:119 Resp: 861917
Ion Ratio Lower Upper
119 100
91 60.3 31.6 94.8
134 25.9 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 46.694 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion:105 Resp: 935507
Ion Ratio Lower Upper
105 100
120 47.6 23.0 69.0

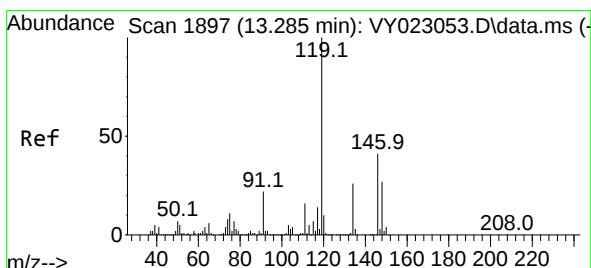
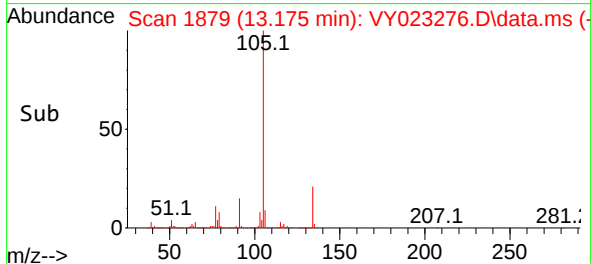
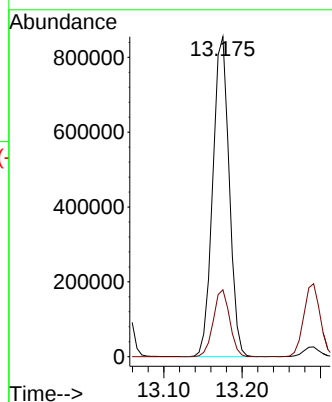
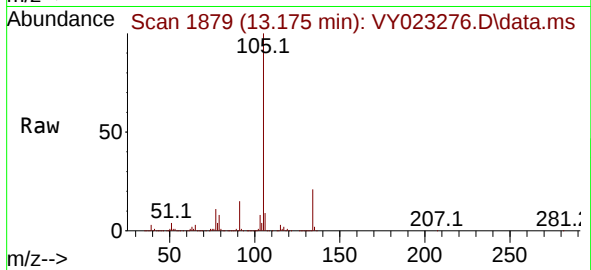




#85
 sec-Butylbenzene
 Concen: 46.625 ug/l
 RT: 13.175 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023276.D
 Acq: 03 Sep 2025 15:18

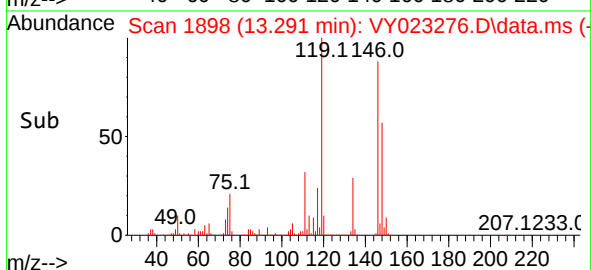
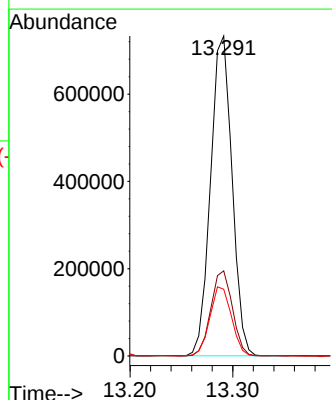
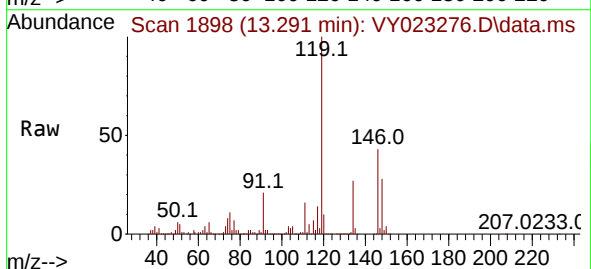
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

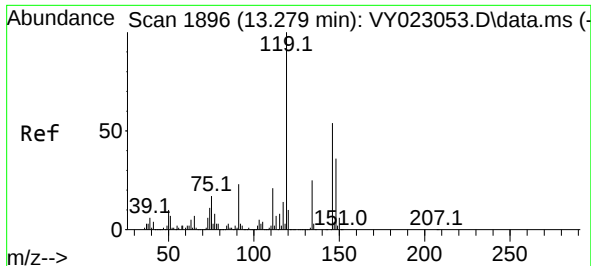
Tgt Ion:105 Resp: 1244981
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 47.959 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023276.D
 Acq: 03 Sep 2025 15:18

Tgt Ion:119 Resp: 1062988
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 21.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 48.310 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

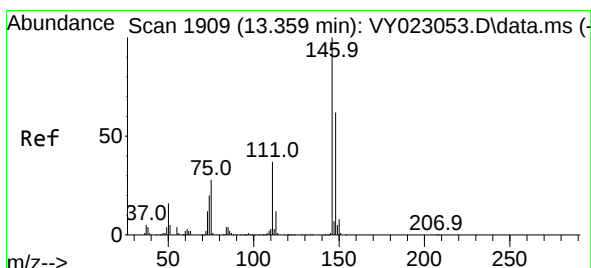
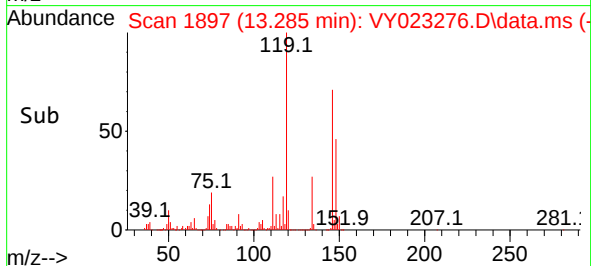
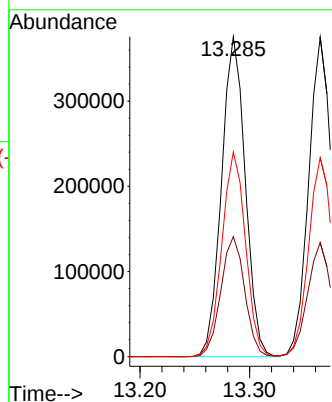
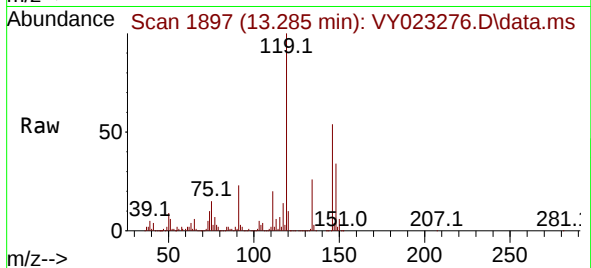
Tgt Ion:146 Resp: 565996

Ion Ratio Lower Upper

146 100

111 37.6 19.6 58.7

148 63.8 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 47.789 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

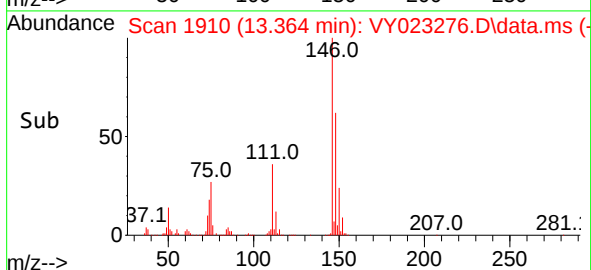
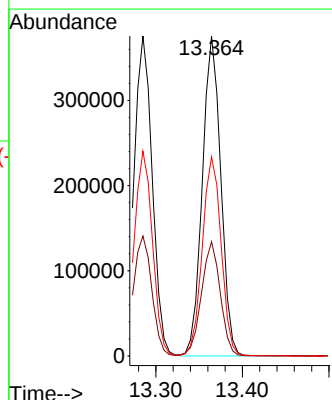
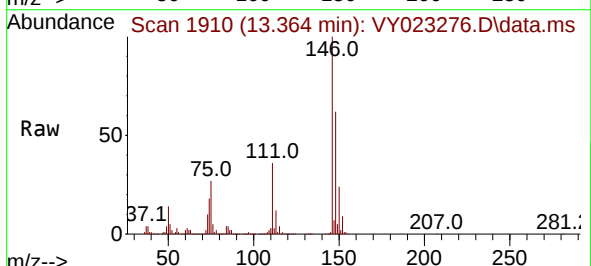
Tgt Ion:146 Resp: 555404

Ion Ratio Lower Upper

146 100

111 36.3 19.1 57.1

148 63.7 31.6 94.7

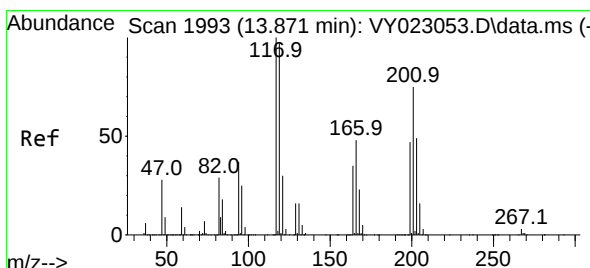
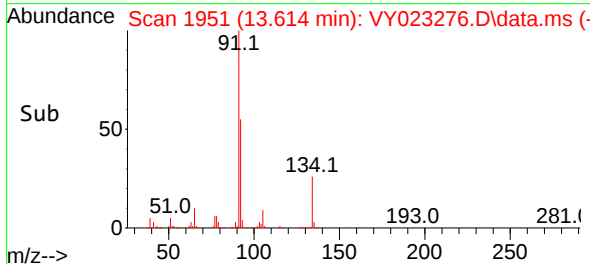
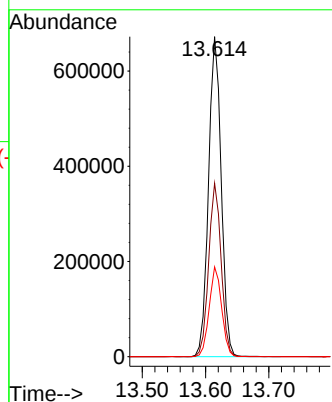
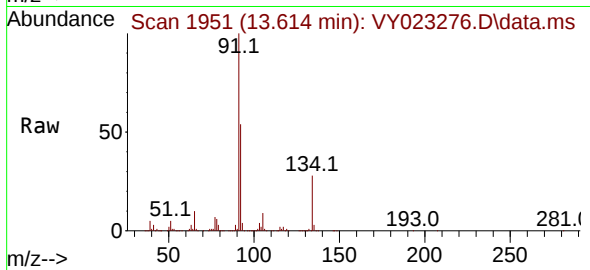




#89
n-Butylbenzene
Concen: 46.097 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

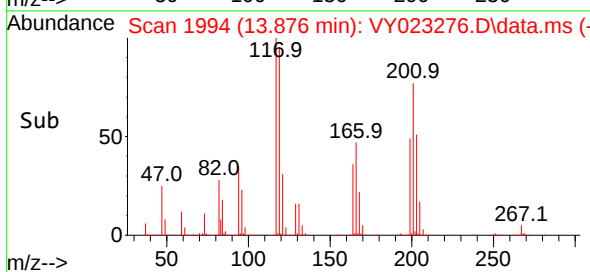
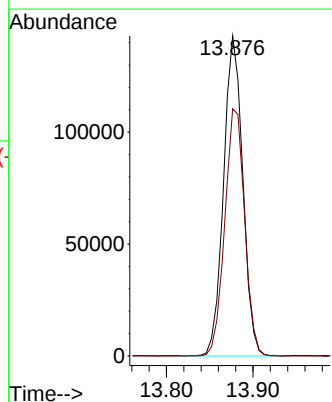
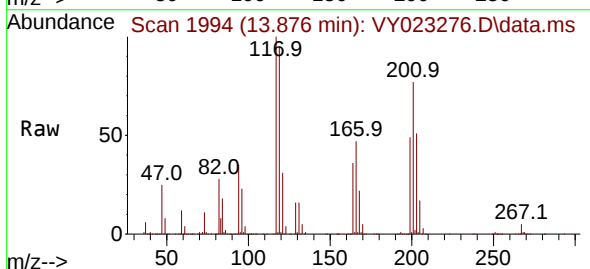
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

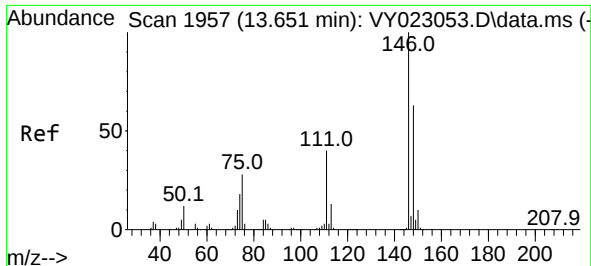
Tgt Ion: 91 Resp: 938392
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 27.6 13.2 39.5



#90
Hexachloroethane
Concen: 48.546 ug/l
RT: 13.876 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 117 Resp: 220266
Ion Ratio Lower Upper
117 100
201 79.9 38.4 115.1

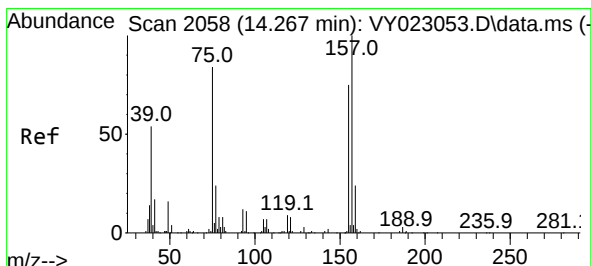
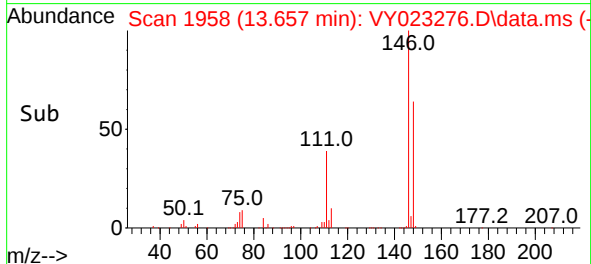
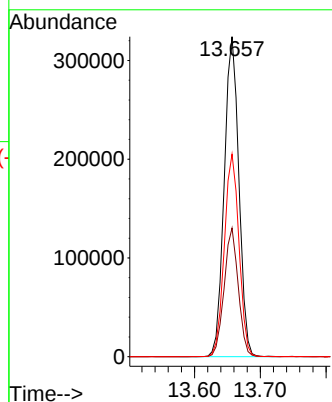
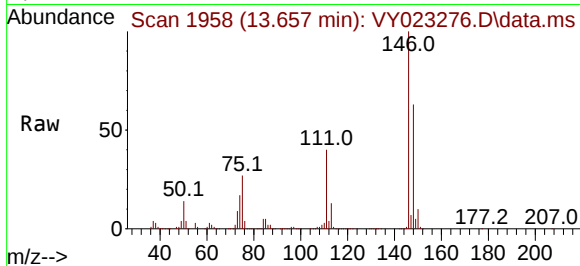




#91
1,2-Dichlorobenzene
Concen: 48.833 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

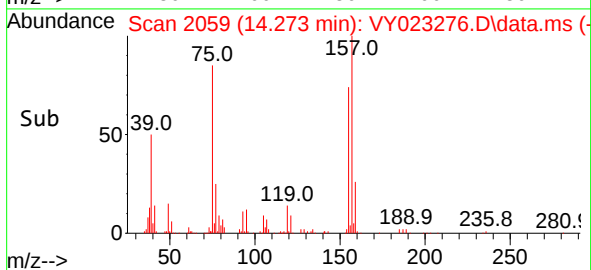
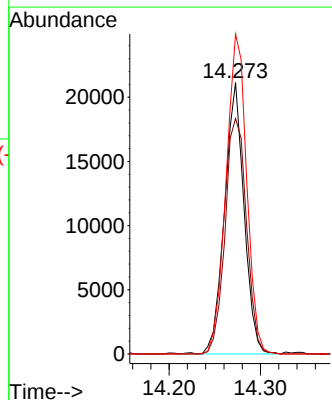
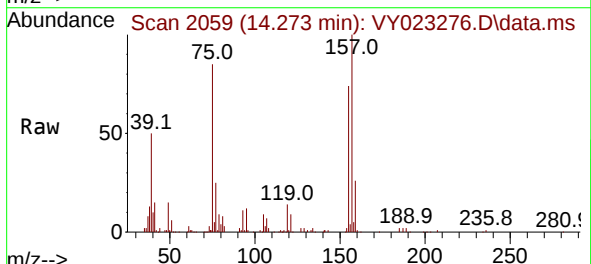
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

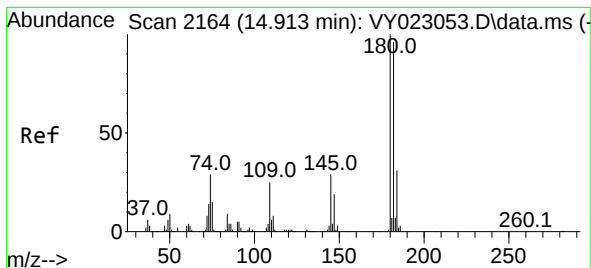
Tgt Ion:146 Resp: 501758
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.8
148 63.5 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.307 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023276.D
Acq: 03 Sep 2025 15:18

Tgt Ion: 75 Resp: 31319
Ion Ratio Lower Upper
75 100
155 95.3 43.9 131.6
157 124.6 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 48.867 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

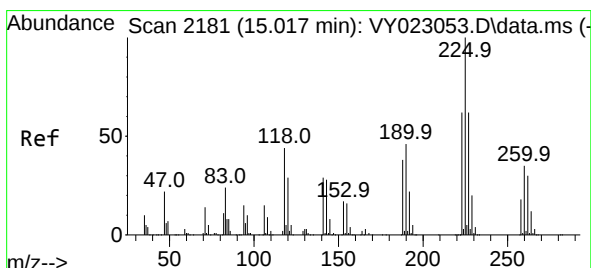
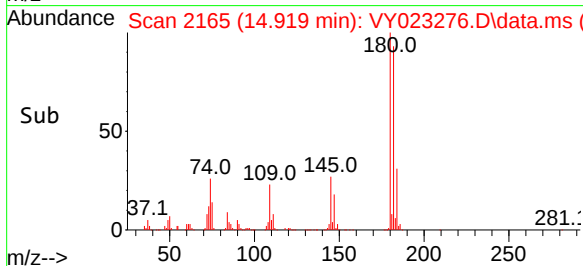
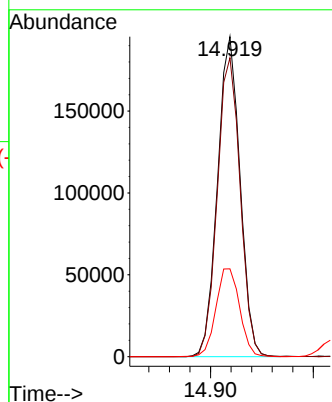
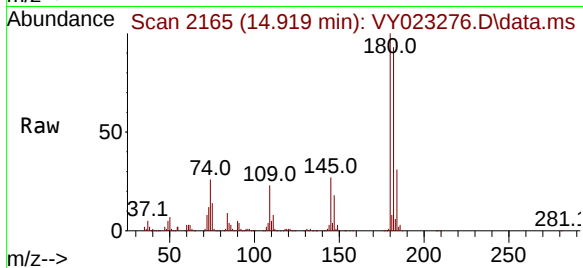
Tgt Ion:180 Resp: 296925

Ion Ratio Lower Upper

180 100

182 95.0 46.8 140.4

145 28.9 14.4 43.4



#94

Hexachlorobutadiene

Concen: 49.553 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

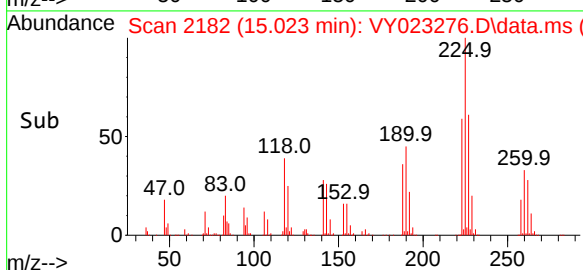
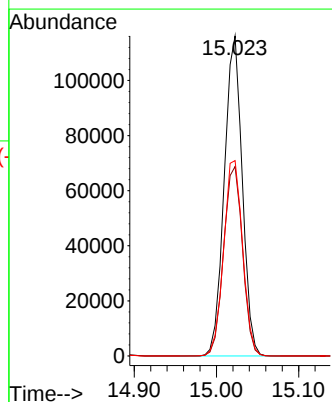
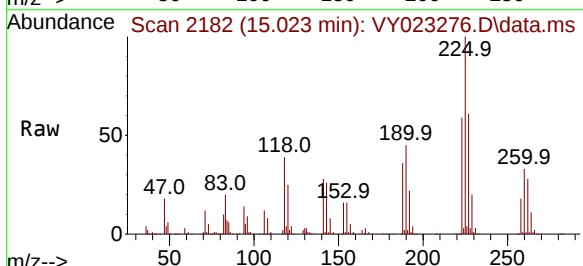
Tgt Ion:225 Resp: 176928

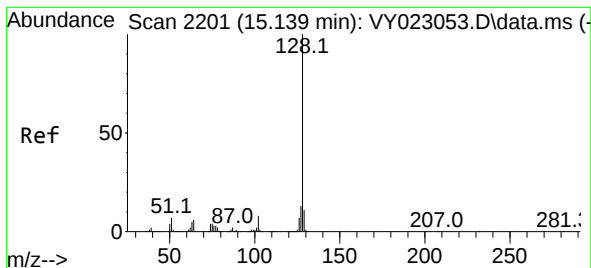
Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.8

227 64.4 31.5 94.5





#95

Naphthalene

Concen: 50.596 ug/l

RT: 15.138 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

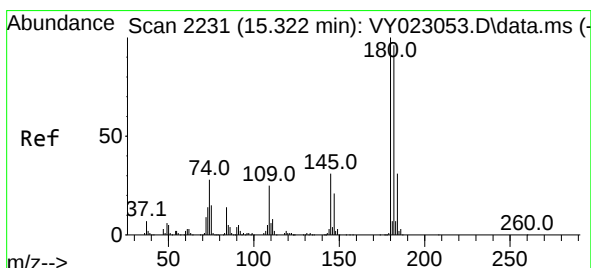
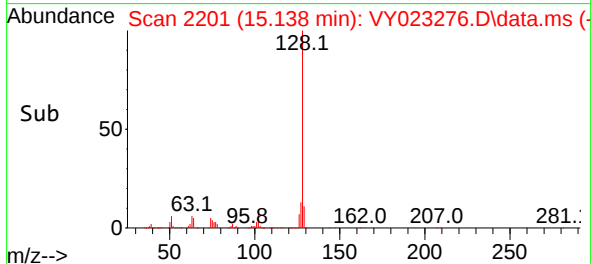
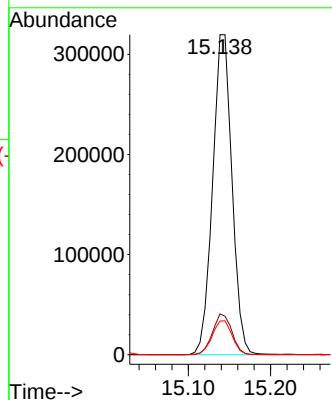
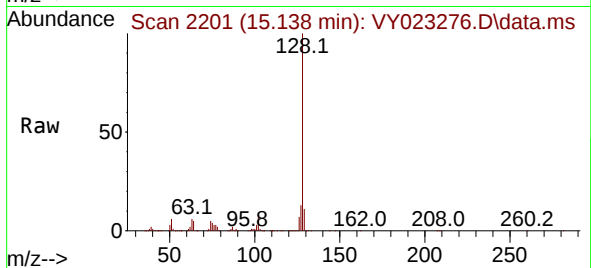
Tgt Ion:128 Resp: 524228

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 49.964 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023276.D

Acq: 03 Sep 2025 15:18

Tgt Ion:180 Resp: 261605

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 30.5 15.9 47.7

