

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100925\
 Data File : VY023407.D
 Acq On : 09 Oct 2025 08:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 10 04:19:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	540041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	774126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	696341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	360790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	223226	49.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.860%
35) Dibromofluoromethane	7.634	113	245021	51.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.109	98	929940	52.497	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.000%
62) 4-Bromofluorobenzene	12.408	95	296545	50.706	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	175562	45.165	ug/l	98
3) Chloromethane	2.074	50	246897	46.626	ug/l	98
4) Vinyl Chloride	2.208	62	325565	47.203	ug/l	100
5) Bromomethane	2.599	94	262495	45.352	ug/l	99
6) Chloroethane	2.739	64	231682	49.279	ug/l	100
7) Trichlorofluoromethane	3.062	101	453600	47.366	ug/l	99
8) Diethyl Ether	3.458	74	119924	47.924	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	250343	50.377	ug/l	99
10) Methyl Iodide	4.007	142	302659	54.708	ug/l	100
11) Tert butyl alcohol	4.860	59	72062	214.498	ug/l	98
12) 1,1-Dichloroethene	3.793	96	237323	49.265	ug/l	93
13) Acrolein	3.653	56	93981	197.974	ug/l	97
14) Allyl chloride	4.385	41	289487	49.309	ug/l	99
15) Acrylonitrile	5.061	53	235123	245.521	ug/l	99
16) Acetone	3.873	43	292955	272.492	ug/l	99
17) Carbon Disulfide	4.110	76	691816	50.177	ug/l	99
18) Methyl Acetate	4.385	43	139750	49.553	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	572075	49.411	ug/l	96
20) Methylene Chloride	4.616	84	268581	46.200	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	270715	51.043	ug/l	99
22) Diisopropyl ether	6.025	45	661171	50.913	ug/l	100
23) Vinyl Acetate	5.964	43	1772777	252.202	ug/l	99
24) 1,1-Dichloroethane	5.921	63	433528	50.397	ug/l	98
25) 2-Butanone	6.897	43	327067	249.190	ug/l	95
26) 2,2-Dichloropropane	6.890	77	402884	51.041	ug/l	100
27) cis-1,2-Dichloroethene	6.897	96	312842	51.065	ug/l	98
28) Bromochloromethane	7.250	49	148933	46.377	ug/l	98
29) Tetrahydrofuran	7.268	42	181368	243.679	ug/l	100
30) Chloroform	7.427	83	482665	51.069	ug/l	99
31) Cyclohexane	7.707	56	353221	47.019	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	433016	50.415	ug/l	100
36) 1,1-Dichloropropene	7.841	75	330135	52.425	ug/l	100
37) Ethyl Acetate	6.988	43	127592	51.143	ug/l	98
38) Carbon Tetrachloride	7.823	117	399630	52.336	ug/l	98
39) Methylcyclohexane	9.110	83	423860	51.695	ug/l	99
40) Benzene	8.085	78	1038659	52.081	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	70514	52.260	ug/l	92
42) 1,2-Dichloroethane	8.158	62	263484	51.228	ug/l	100
43) Isopropyl Acetate	8.201	43	246006	49.451	ug/l #	87
44) Trichloroethene	8.866	130	299026	51.229	ug/l	99
45) 1,2-Dichloropropane	9.146	63	229106	52.011	ug/l	99
46) Dibromomethane	9.231	93	148392	53.275	ug/l	97
47) Bromodichloromethane	9.427	83	367798	52.430	ug/l	99
48) Methyl methacrylate	9.225	41	117590	50.315	ug/l	99
49) 1,4-Dioxane	9.231	88	29182	903.627	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	673260	261.942	ug/l	99
52) Toluene	10.170	92	691962	53.439	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	318047	52.141	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	376659	52.320	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	197777	52.802	ug/l	95
56) Ethyl methacrylate	10.439	69	230201	53.280	ug/l	98
57) 1,3-Dichloropropane	10.719	76	312218	52.603	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	510862	263.940	ug/l	100
59) 2-Hexanone	10.762	43	486294	264.747	ug/l	99
60) Dibromochloromethane	10.914	129	275135	52.392	ug/l	100
61) 1,2-Dibromoethane	11.018	107	186575	52.230	ug/l	99
64) Tetrachloroethene	10.646	164	372099	51.752	ug/l	98
65) Chlorobenzene	11.444	112	768208	50.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	275973	51.134	ug/l	99
67) Ethyl Benzene	11.518	91	1278315	52.144	ug/l	100
68) m/p-Xylenes	11.627	106	1037707	105.533	ug/l	100
69) o-Xylene	11.957	106	479717	52.013	ug/l	99
70) Styrene	11.969	104	801488	52.844	ug/l	99
71) Bromoform	12.133	173	168928	50.460	ug/l #	98
73) Isopropylbenzene	12.255	105	1245422	52.380	ug/l	100
74) N-amyl acetate	12.072	43	213212	49.925	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	193812	49.838	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	265820	83.509	ug/l #	100
77) Bromobenzene	12.530	156	317747	50.268	ug/l	98
78) n-propylbenzene	12.597	91	1458866	53.022	ug/l	100
79) 2-Chlorotoluene	12.682	91	832200	51.650	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1020091	53.093	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	64795	49.916	ug/l	98
82) 4-Chlorotoluene	12.780	91	861031	51.889	ug/l	100
83) tert-Butylbenzene	12.999	119	923731	52.071	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1014495	52.908	ug/l	99
85) sec-Butylbenzene	13.176	105	1347428	52.950	ug/l	99
86) p-Isopropyltoluene	13.292	119	1150927	53.120	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	617114	50.135	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	603476	49.641	ug/l	99
89) n-Butylbenzene	13.615	91	991424	52.515	ug/l	99
90) Hexachloroethane	13.877	117	233963	50.206	ug/l	97
91) 1,2-Dichlorobenzene	13.658	146	545563	50.554	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30632	48.006	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	316225	47.003	ug/l	99
94) Hexachlorobutadiene	15.023	225	199957	47.679	ug/l	98
95) Naphthalene	15.145	128	499422	46.618	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	272296	46.727	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
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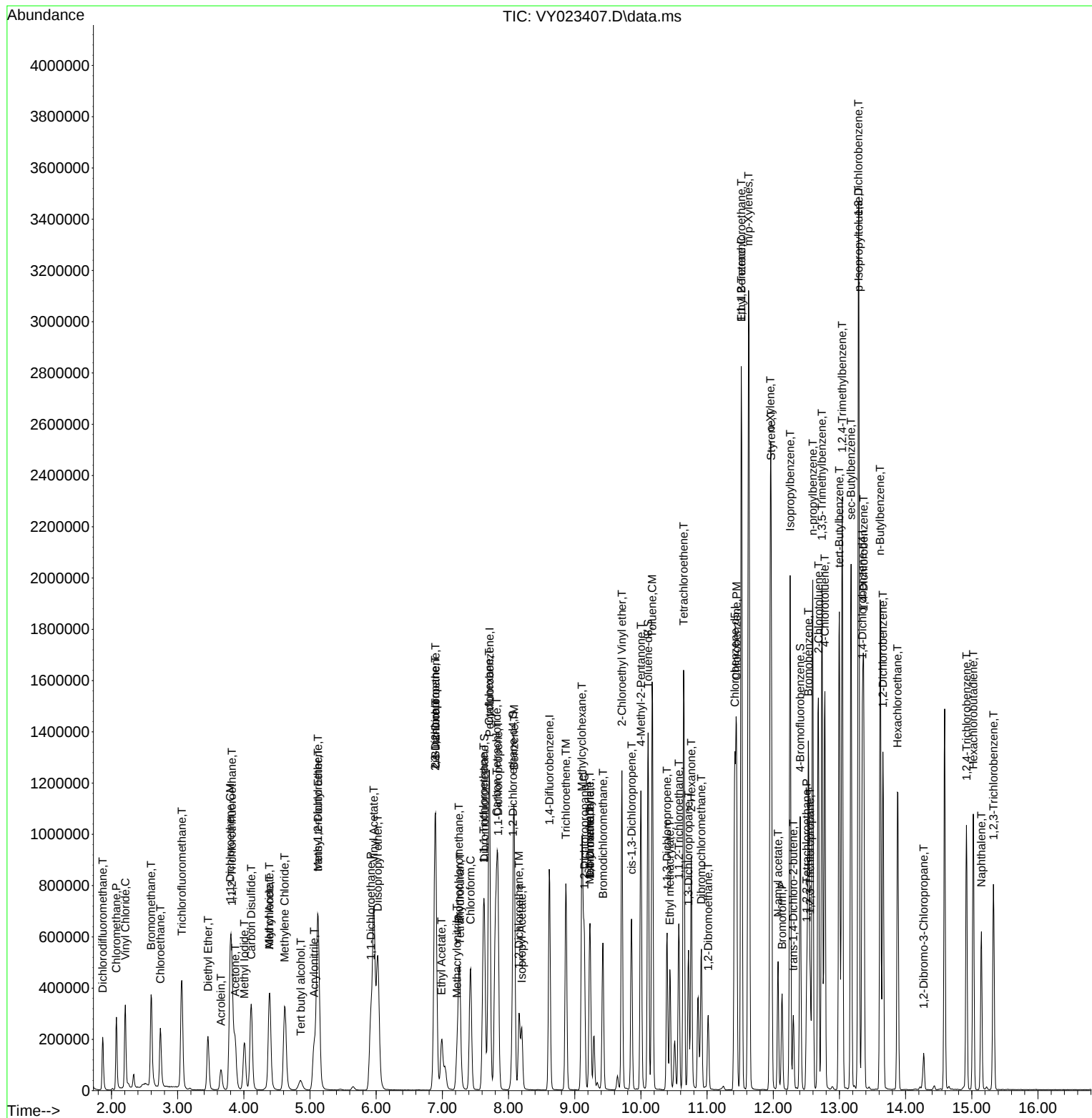
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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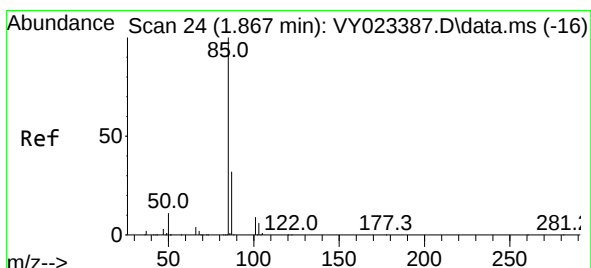
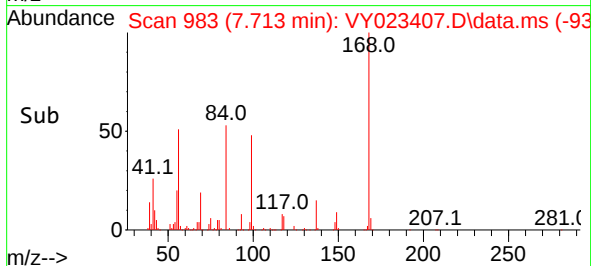
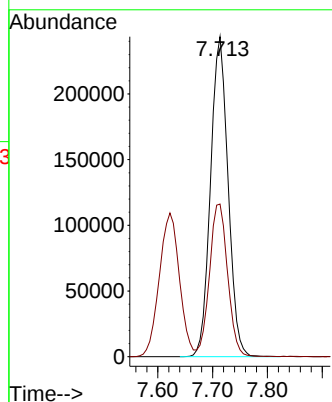
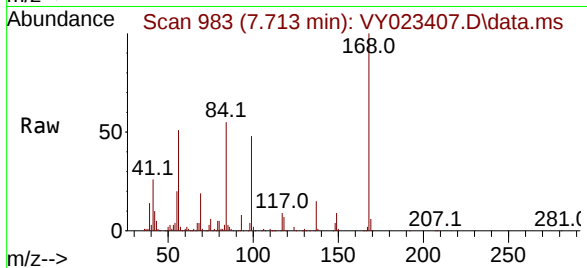




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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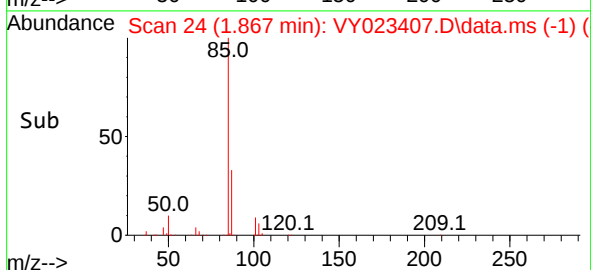
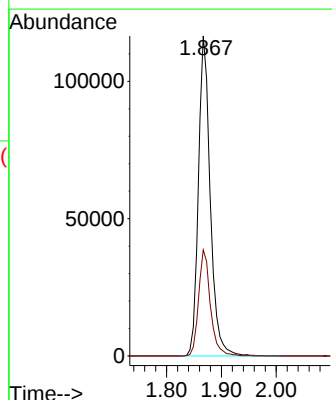
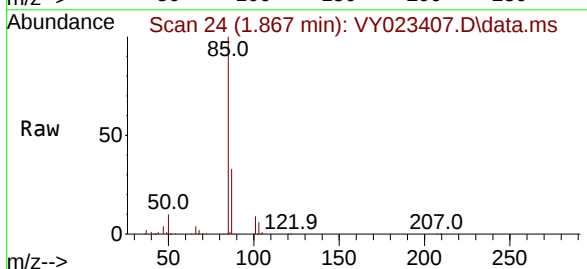
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 540041
Ion Ratio Lower Upper
168 100
99 47.7 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 45.165 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 85 Resp: 175562
Ion Ratio Lower Upper
85 100
87 33.1 16.0 47.9

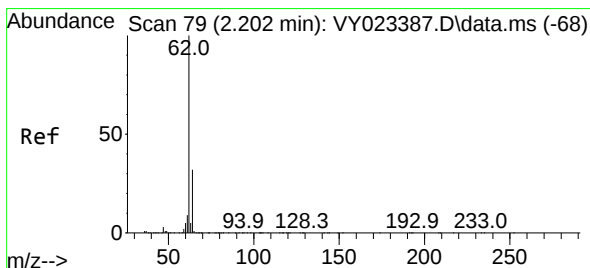
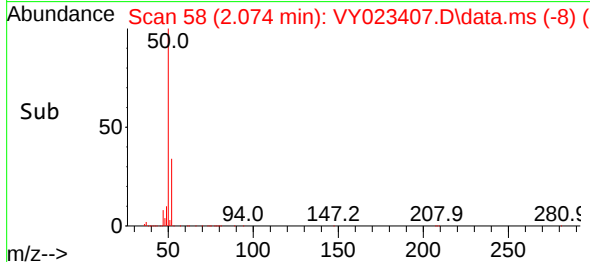
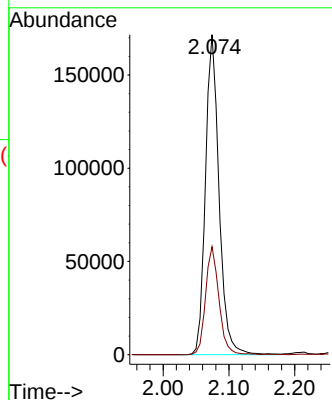
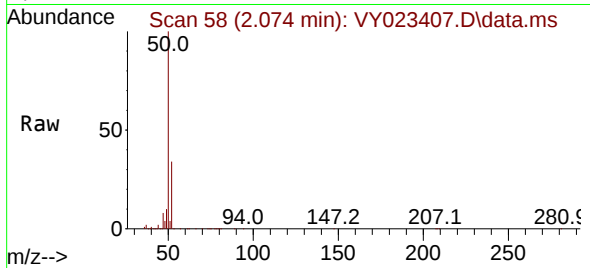




#3
Chloromethane
Concen: 46.626 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

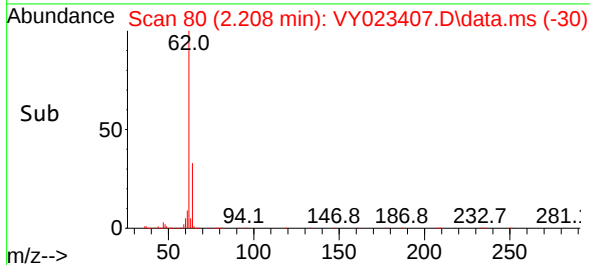
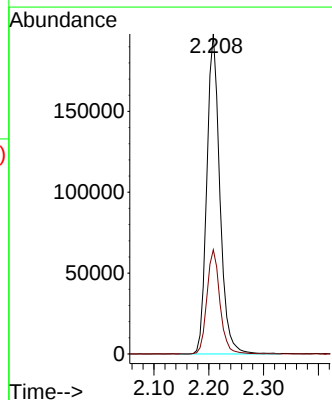
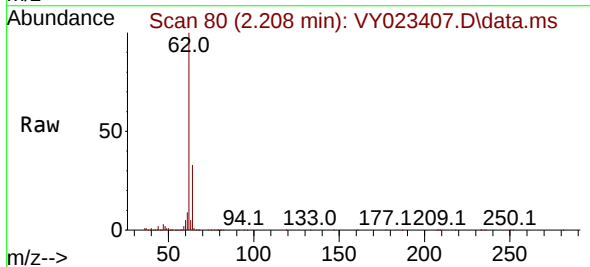
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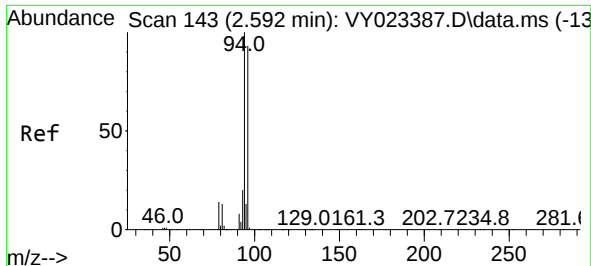
Tgt Ion: 50 Resp: 246897
Ion Ratio Lower Upper
50 100
52 33.7 26.2 39.2



#4
Vinyl Chloride
Concen: 47.203 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 62 Resp: 325565
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.8

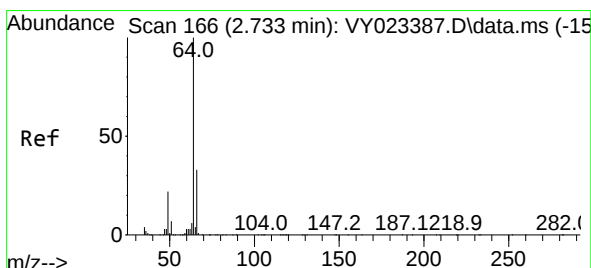
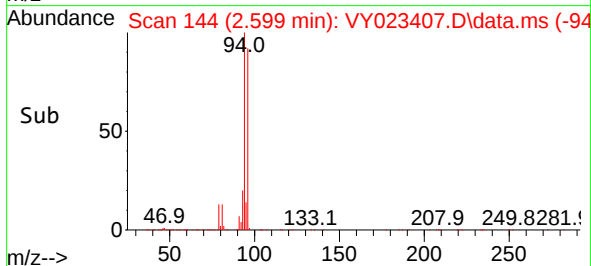
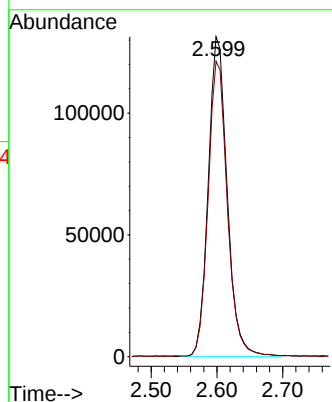
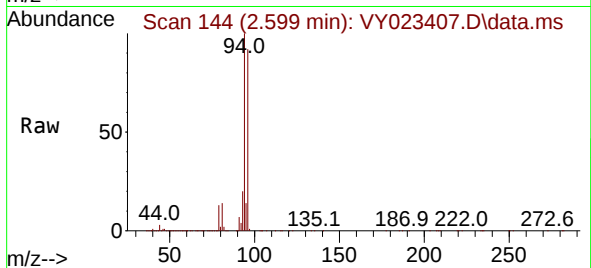




#5
Bromomethane
Concen: 45.352 ug/l
RT: 2.599 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023407.D
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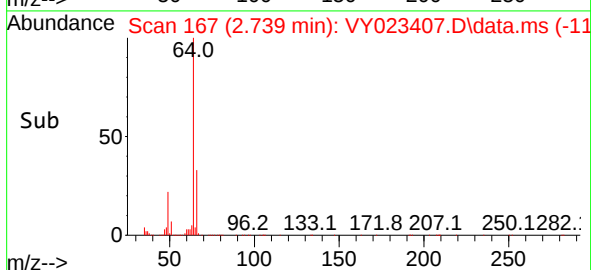
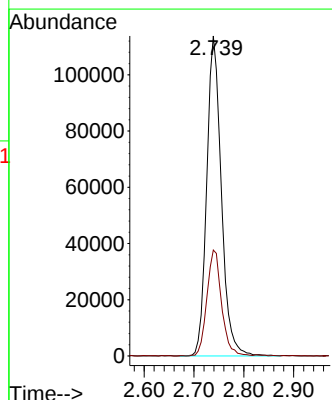
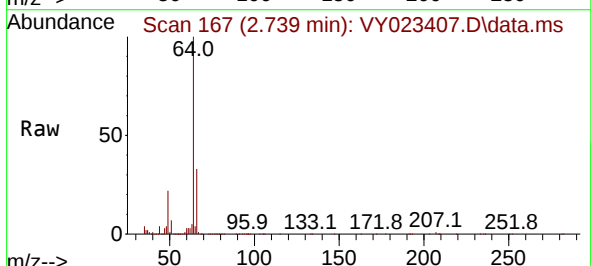
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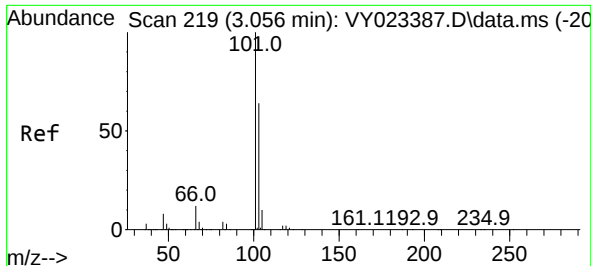
Tgt Ion: 94 Resp: 262495
Ion Ratio Lower Upper
94 100
96 92.2 74.5 111.7



#6
Chloroethane
Concen: 49.279 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 64 Resp: 231682
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4

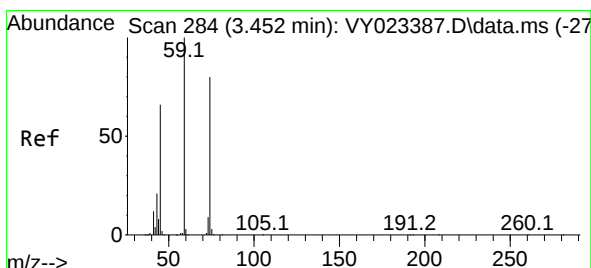
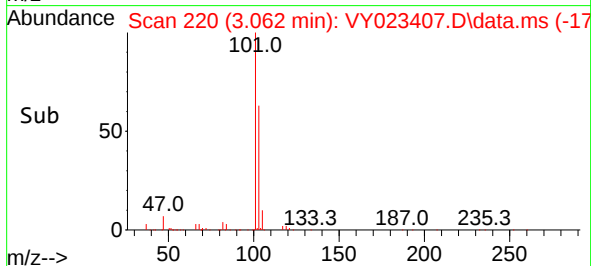
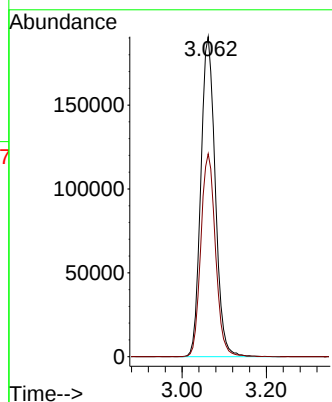
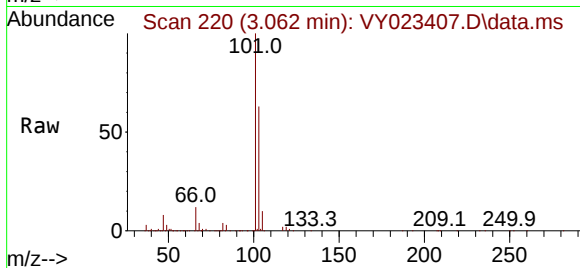




#7
 Trichlorofluoromethane
 Concen: 47.366 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY023407.D
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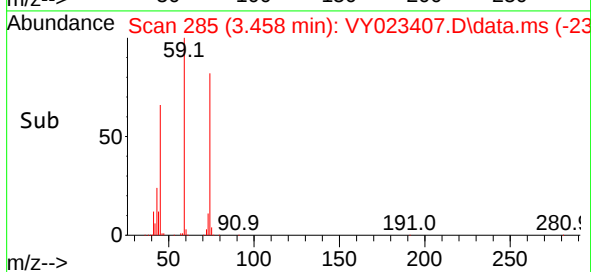
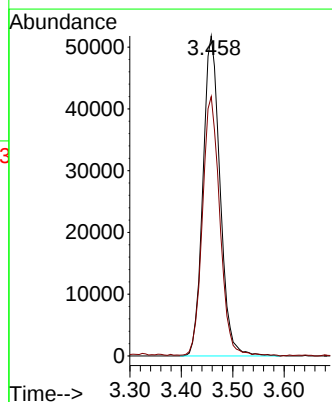
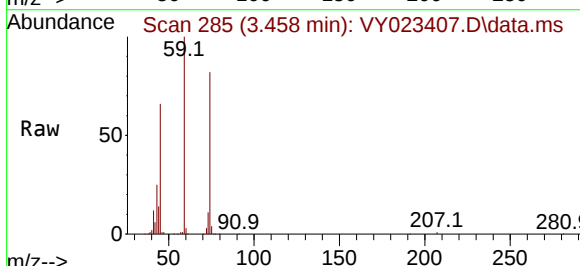
Instrument :
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Tgt Ion:101 Resp: 453600
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.3 76.9



#8
 Diethyl Ether
 Concen: 47.924 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY023407.D
 Acq: 09 Oct 2025 08:47

Tgt Ion: 74 Resp: 119924
 Ion Ratio Lower Upper
 74 100
 45 82.7 39.9 119.7

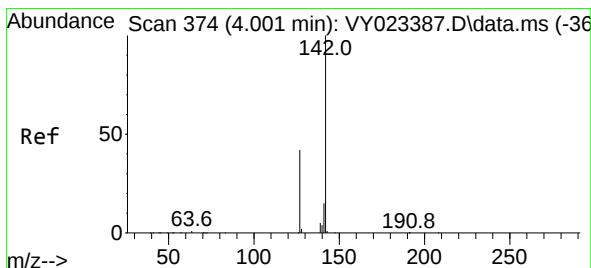
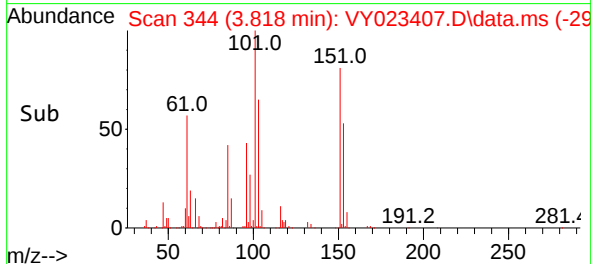
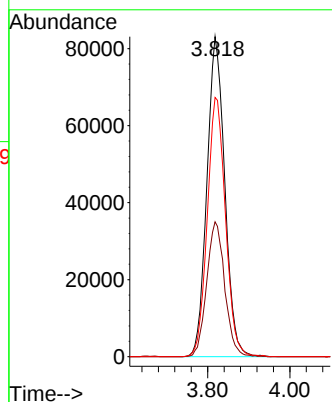
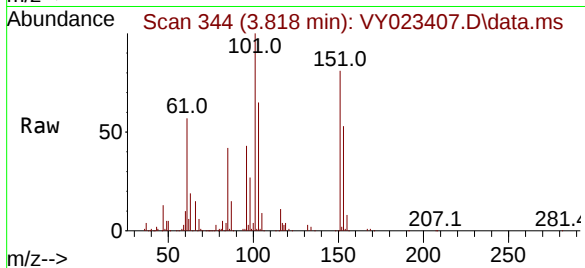




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.377 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
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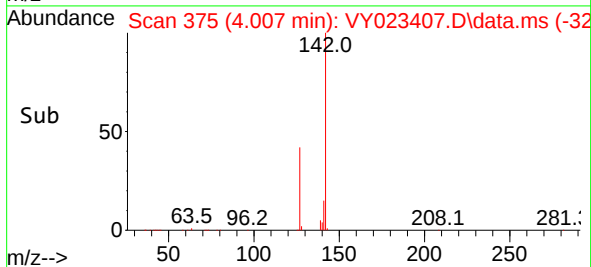
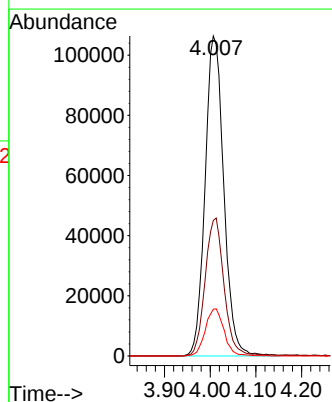
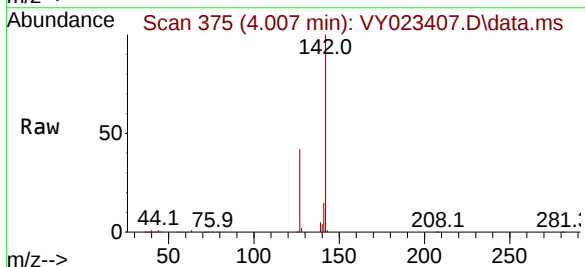
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 250343
Ion Ratio Lower Upper
101 100
85 42.7 34.6 51.8
151 82.8 67.0 100.6



#10
Methyl Iodide
Concen: 54.708 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion:142 Resp: 302659
Ion Ratio Lower Upper
142 100
127 43.6 34.8 52.2
141 14.8 11.6 17.4

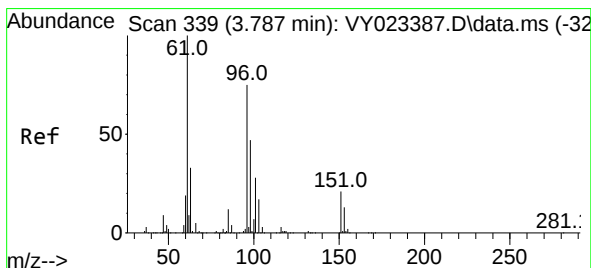
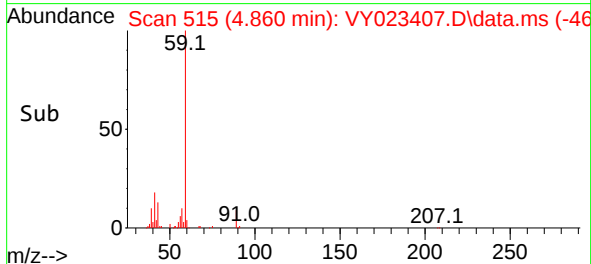
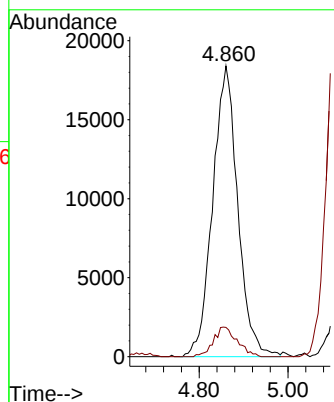
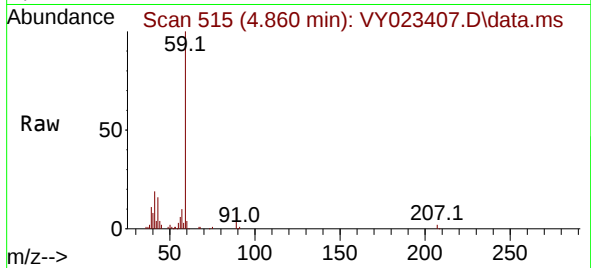




#11
Tert butyl alcohol
Concen: 214.498 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

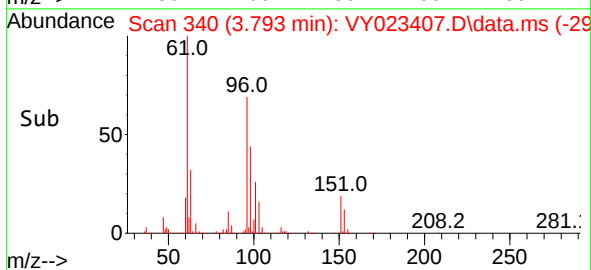
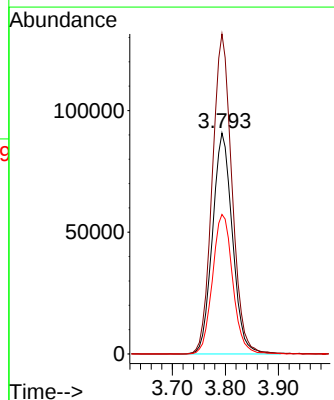
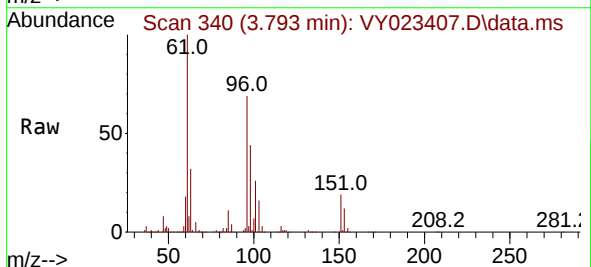
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

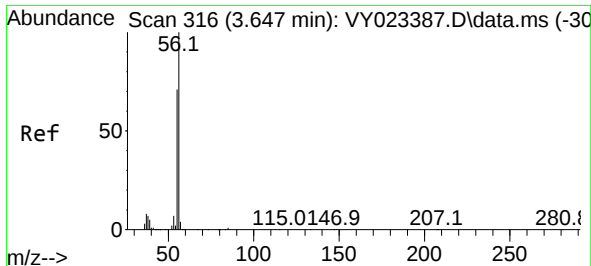
Tgt Ion: 59 Resp: 72062
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 49.265 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 96 Resp: 237323
Ion Ratio Lower Upper
96 100
61 144.8 106.7 160.1
98 63.1 50.2 75.4

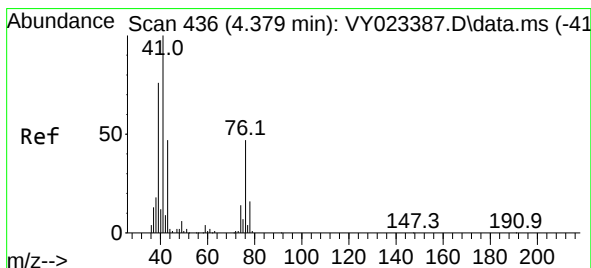
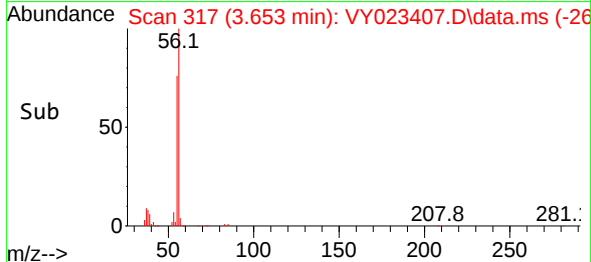
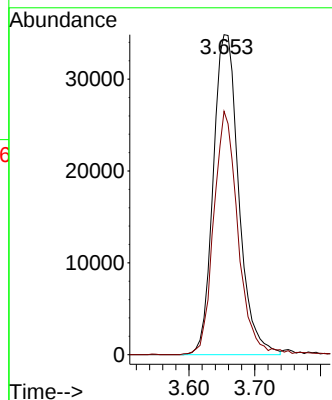
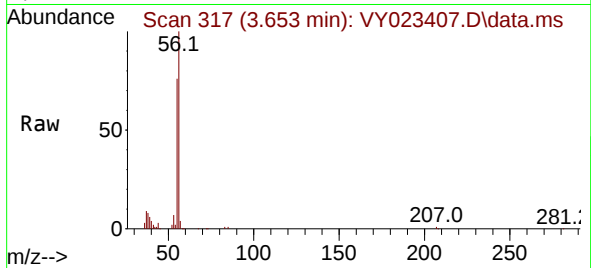




#13
Acrolein
Concen: 197.974 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

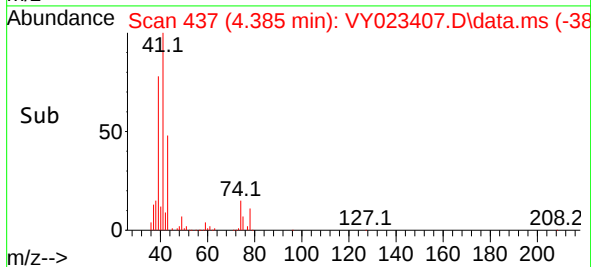
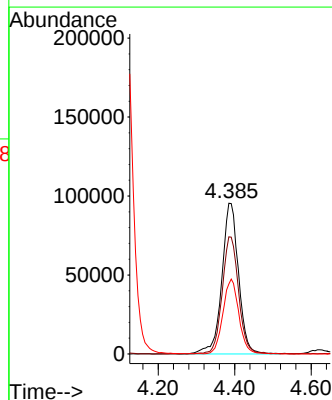
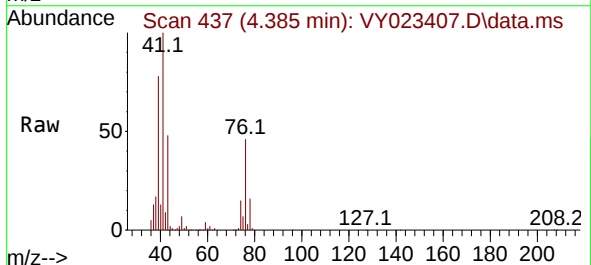
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 93981
Ion Ratio Lower Upper
56 100
55 72.5 56.1 84.1



#14
Allyl chloride
Concen: 49.309 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 41 Resp: 289487
Ion Ratio Lower Upper
41 100
39 76.6 59.9 89.9
76 47.0 38.0 57.0





#15

Acrylonitrile

Concen: 245.521 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

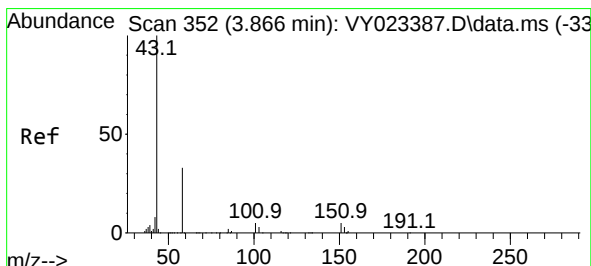
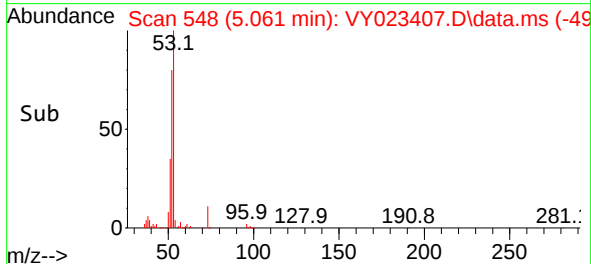
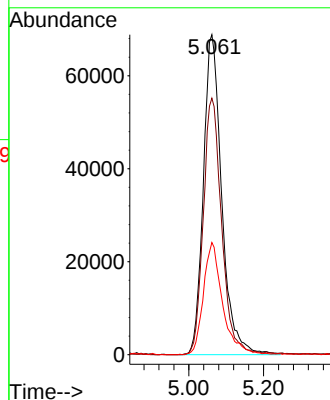
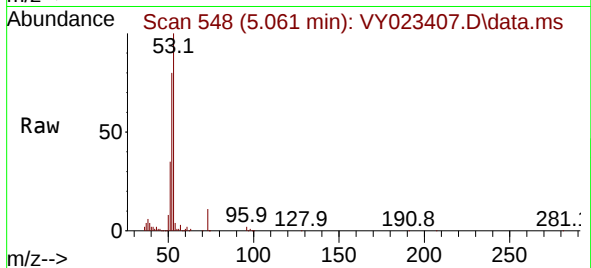
Tgt Ion: 53 Resp: 235123

Ion Ratio Lower Upper

53 100

52 80.0 64.6 97.0

51 36.6 29.5 44.3



#16

Acetone

Concen: 272.492 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.006 min

Lab File: VY023407.D

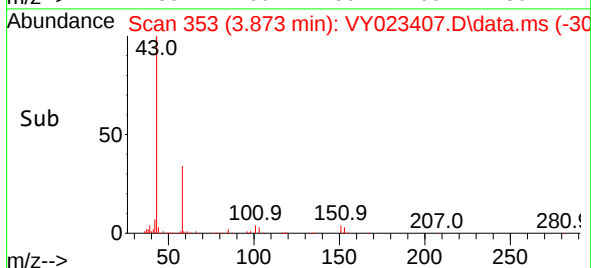
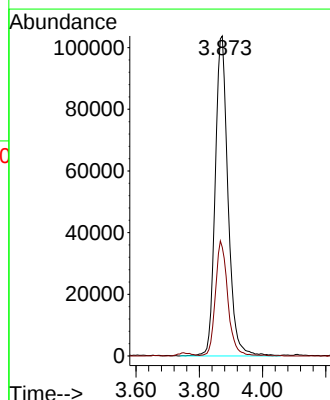
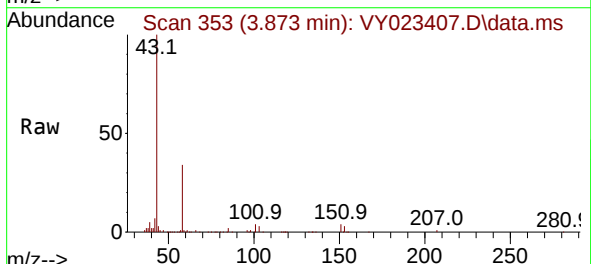
Acq: 09 Oct 2025 08:47

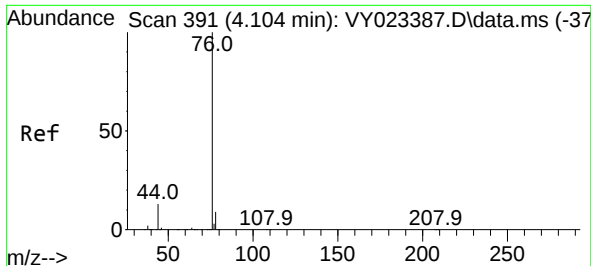
Tgt Ion: 43 Resp: 292955

Ion Ratio Lower Upper

43 100

58 33.8 27.7 41.5

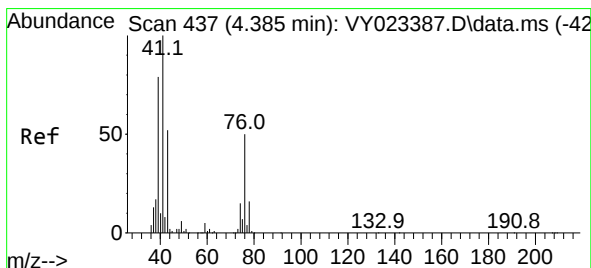
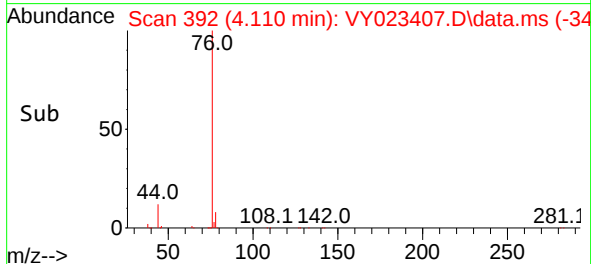
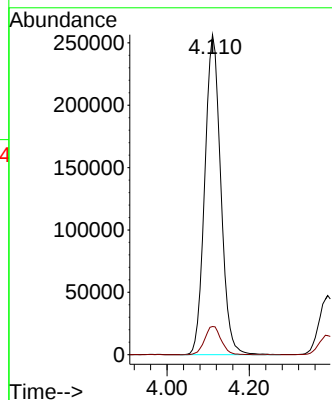
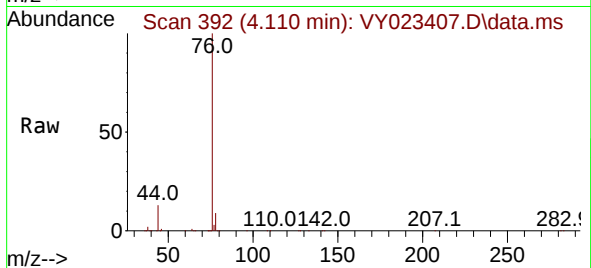




#17
Carbon Disulfide
Concen: 50.177 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

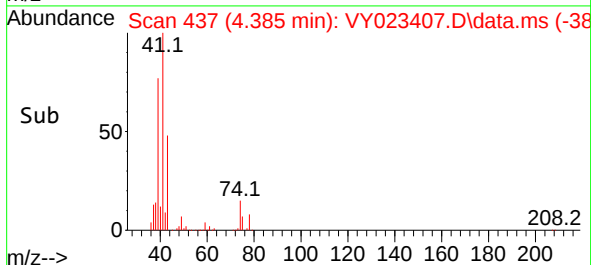
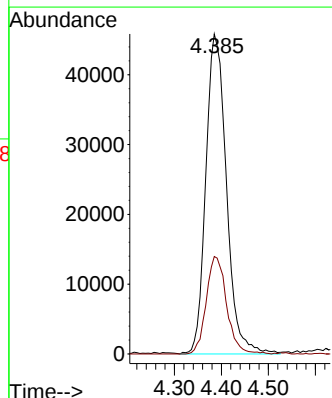
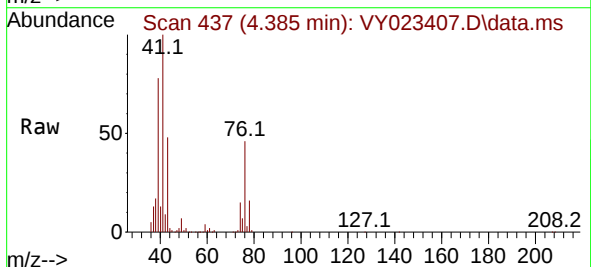
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 691816
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 49.553 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 43 Resp: 139750
Ion Ratio Lower Upper
43 100
74 30.0 24.2 36.4

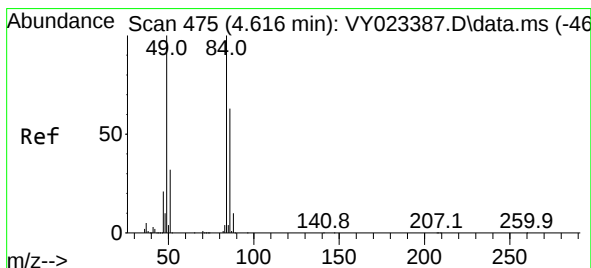
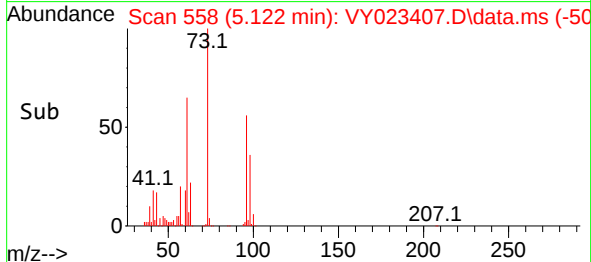
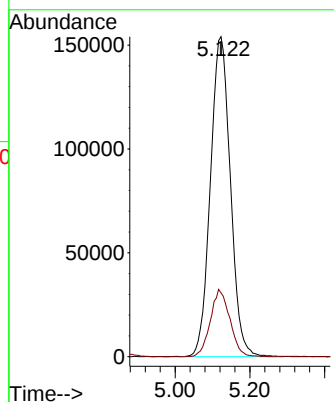
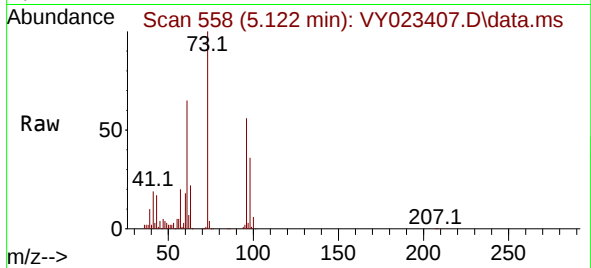




#19
Methyl tert-butyl Ether
Concen: 49.411 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

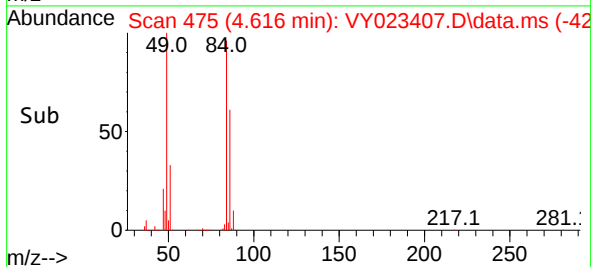
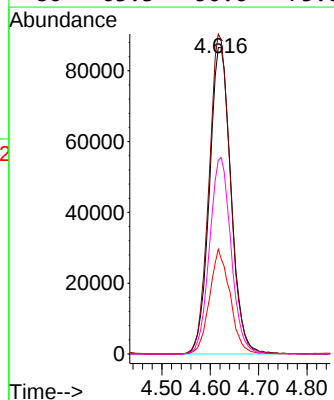
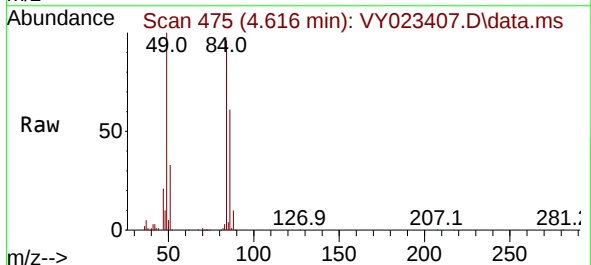
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

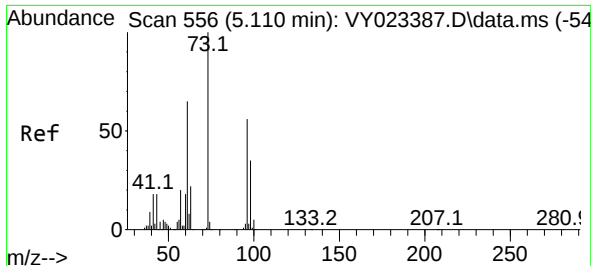
Tgt Ion: 73 Resp: 572075
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.0



#20
Methylene Chloride
Concen: 46.200 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 84 Resp: 268581
Ion Ratio Lower Upper
84 100
49 104.4 80.2 120.4
51 34.2 25.9 38.9
86 63.3 50.6 75.8

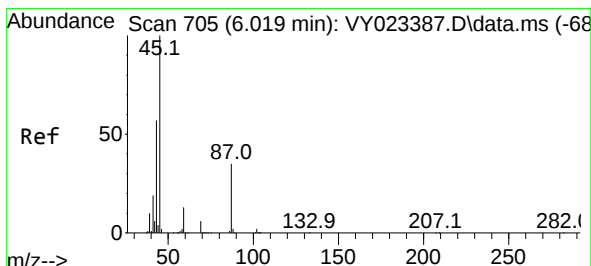
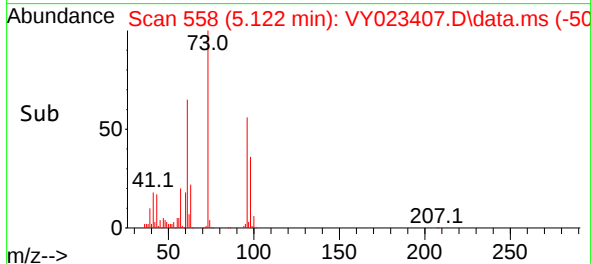
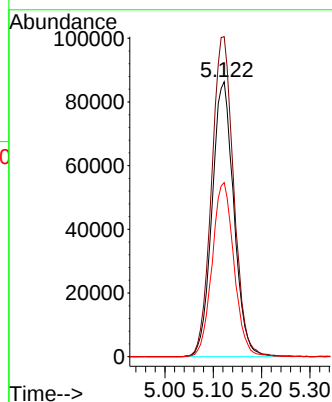
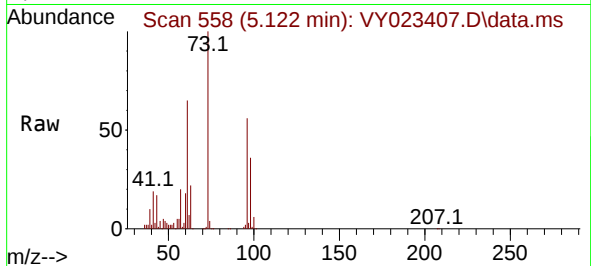




#21
trans-1,2-Dichloroethene
Concen: 51.043 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

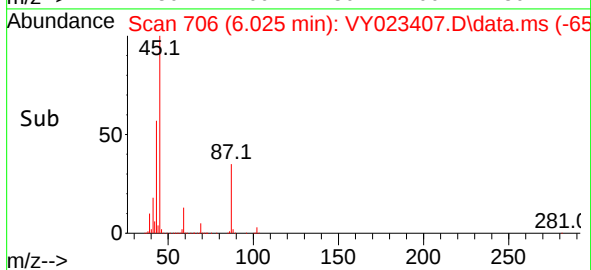
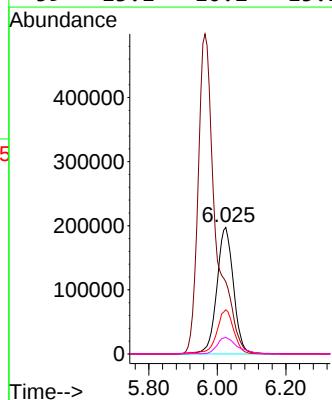
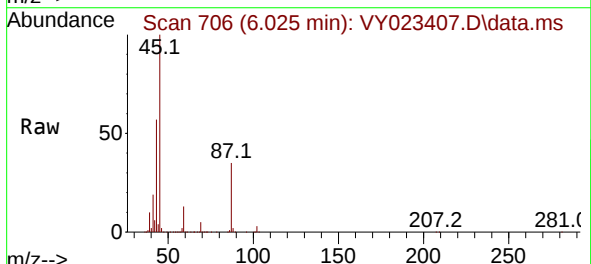
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 270715
Ion Ratio Lower Upper
96 100
61 116.4 92.7 139.1
98 63.3 49.7 74.5



#22
Diisopropyl ether
Concen: 50.913 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 45 Resp: 661171
Ion Ratio Lower Upper
45 100
43 56.9 45.6 68.4
87 34.9 28.1 42.1
59 13.1 10.2 15.2

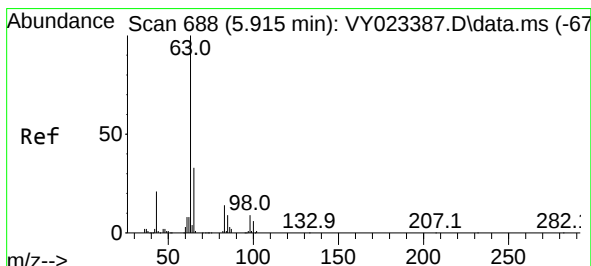
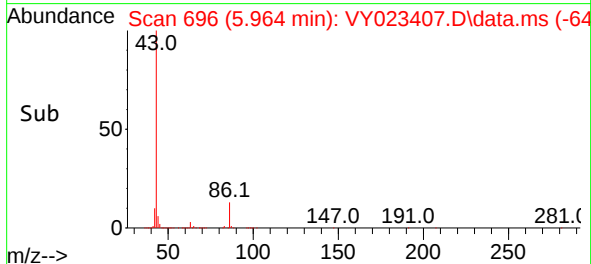
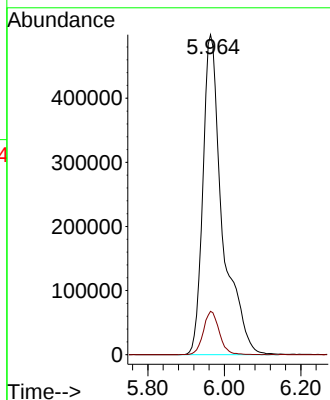
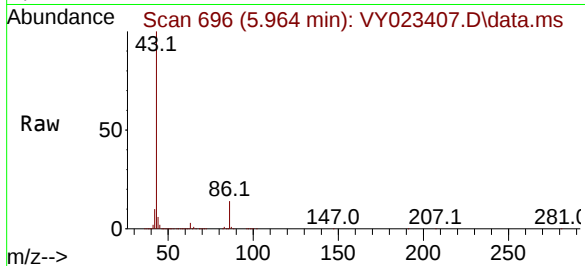




#23
 Vinyl Acetate
 Concen: 252.202 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023407.D
 Acq: 09 Oct 2025 08:47

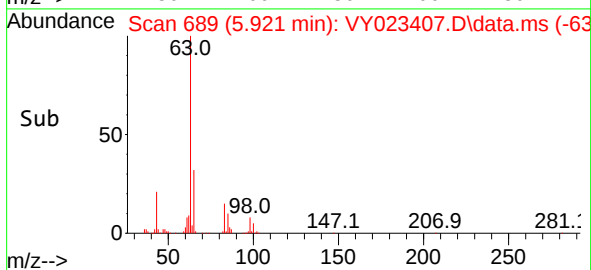
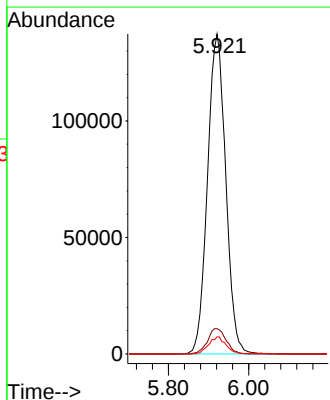
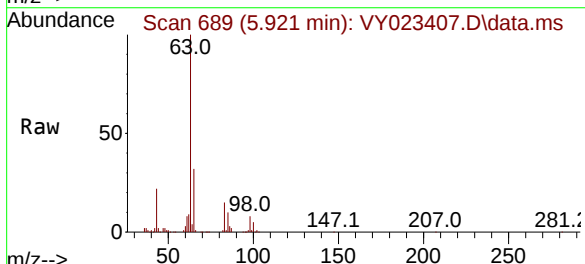
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1772777
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 50.397 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023407.D
 Acq: 09 Oct 2025 08:47

Tgt Ion: 63 Resp: 433528
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.3 13.1
 100 5.3 2.8 8.4





#25

2-Butanone

Concen: 249.190 ug/l

RT: 6.897 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

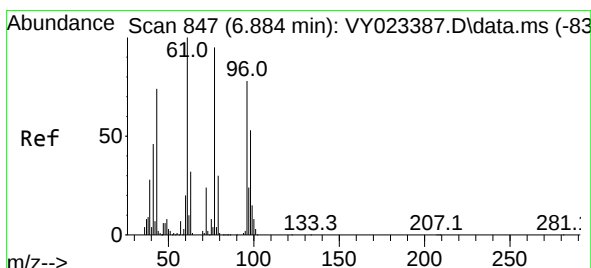
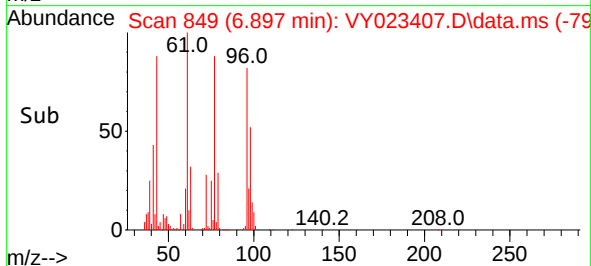
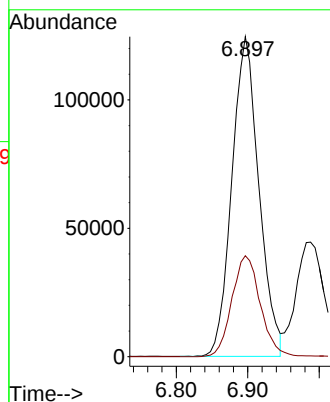
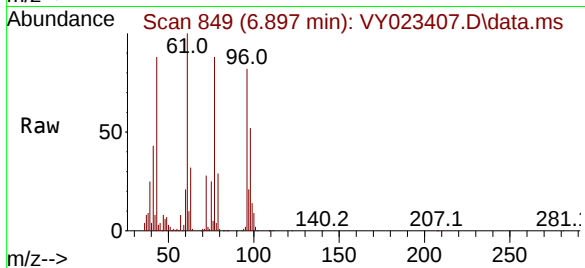
VSTDCCC050

Tgt Ion: 43 Resp: 327067

Ion Ratio Lower Upper

43 100

72 31.6 27.4 41.2



#26

2,2-Dichloropropane

Concen: 51.041 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023407.D

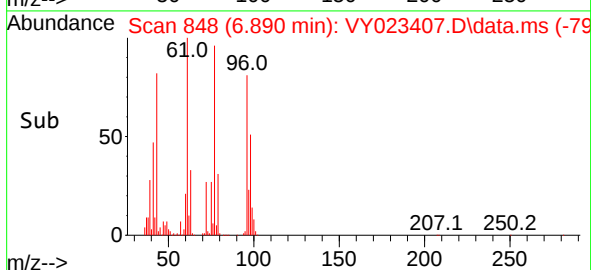
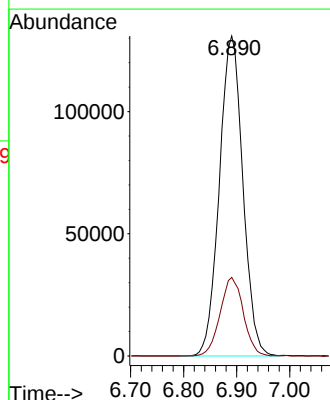
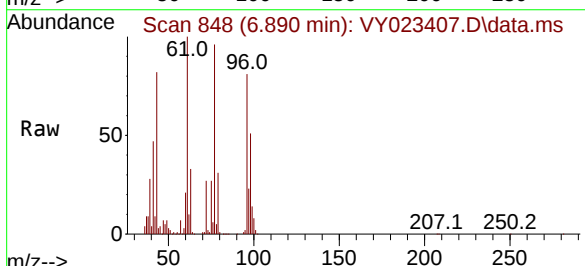
Acq: 09 Oct 2025 08:47

Tgt Ion: 77 Resp: 402884

Ion Ratio Lower Upper

77 100

97 24.3 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 51.065 ug/l

RT: 6.897 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

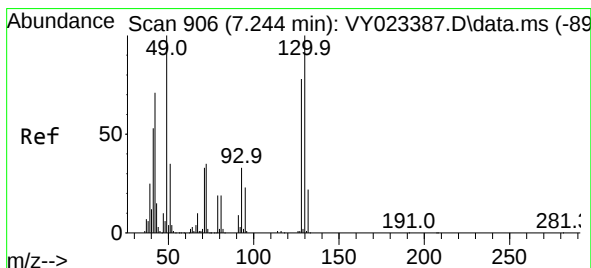
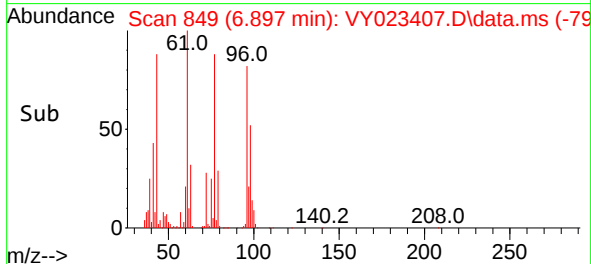
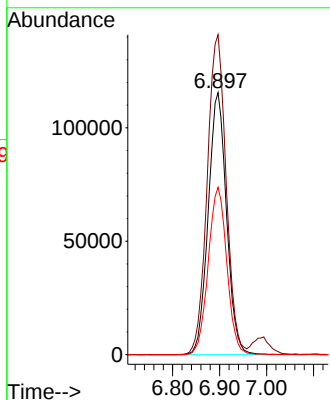
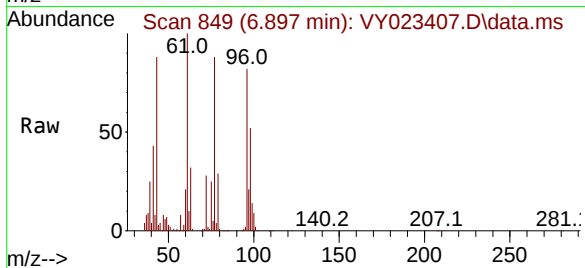
Tgt Ion: 96 Resp: 312842

Ion Ratio Lower Upper

96 100

61 126.1 0.0 258.2

98 64.8 0.0 132.0



#28

Bromochloromethane

Concen: 46.377 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

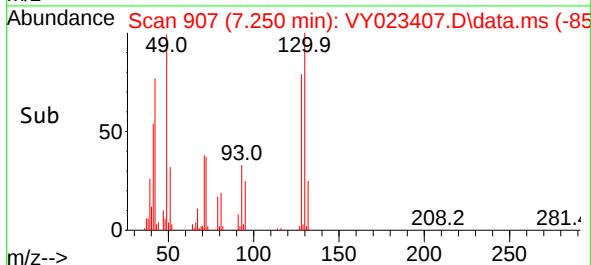
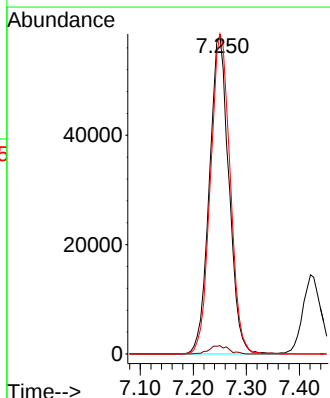
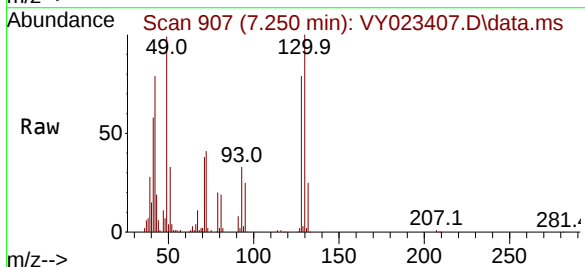
Tgt Ion: 49 Resp: 148933

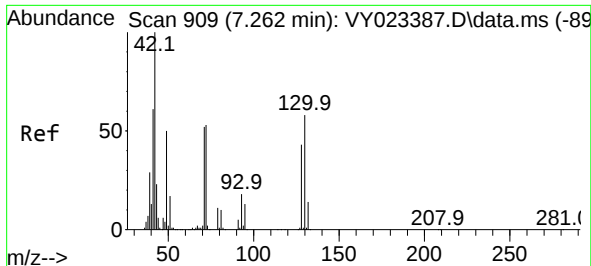
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.6

130 100.8 81.9 122.9





#29

Tetrahydrofuran

Concen: 243.679 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

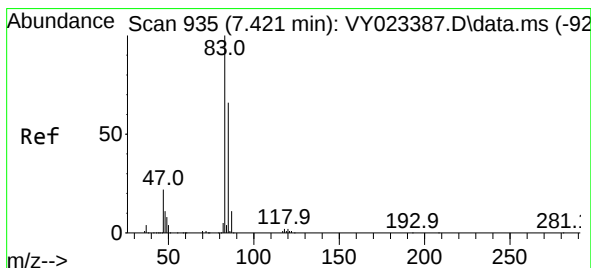
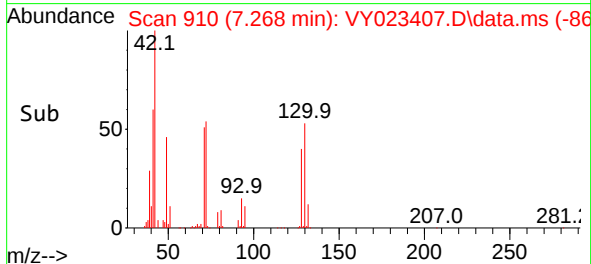
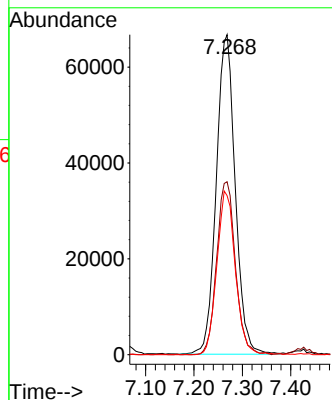
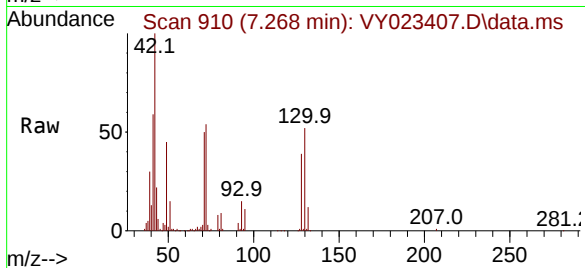
Tgt Ion: 42 Resp: 181368

Ion Ratio Lower Upper

42 100

72 53.6 43.0 64.6

71 49.9 40.1 60.1



#30

Chloroform

Concen: 51.069 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023407.D

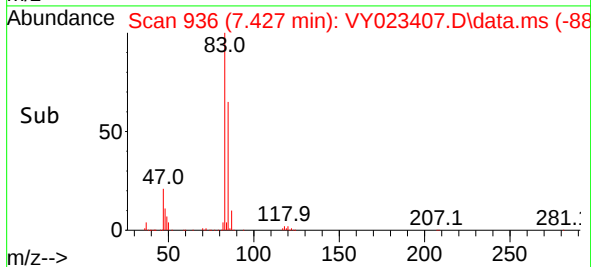
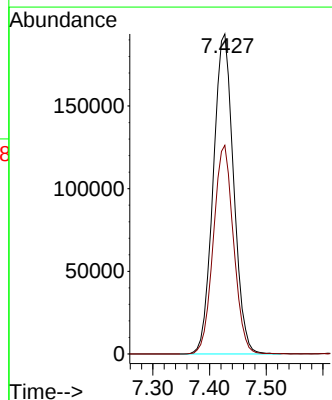
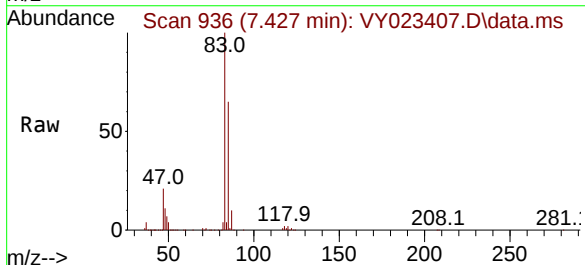
Acq: 09 Oct 2025 08:47

Tgt Ion: 83 Resp: 482665

Ion Ratio Lower Upper

83 100

85 65.2 52.5 78.7

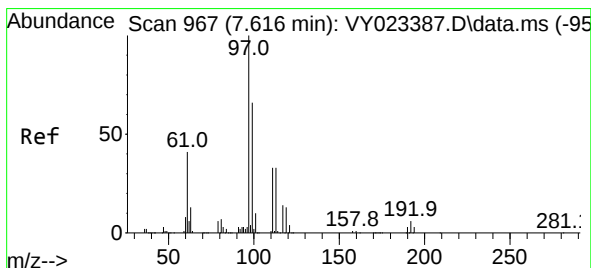
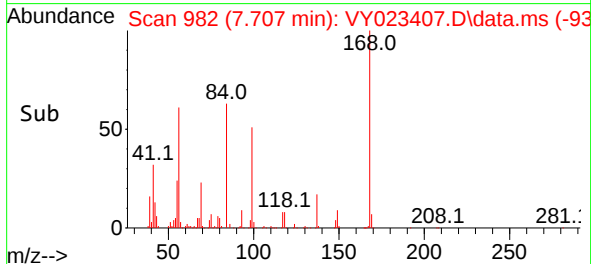
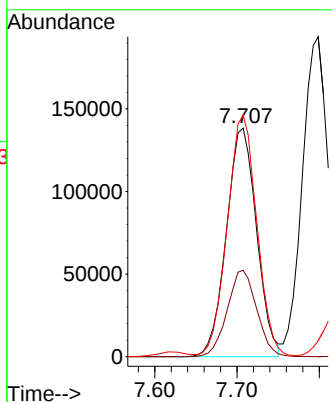
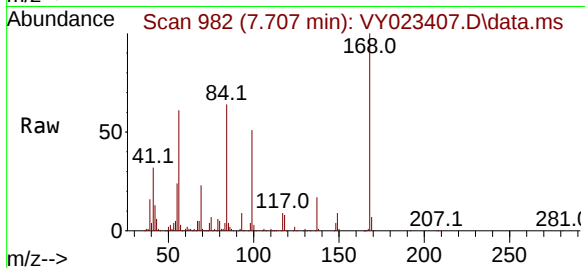




#31
Cyclohexane
Concen: 47.019 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

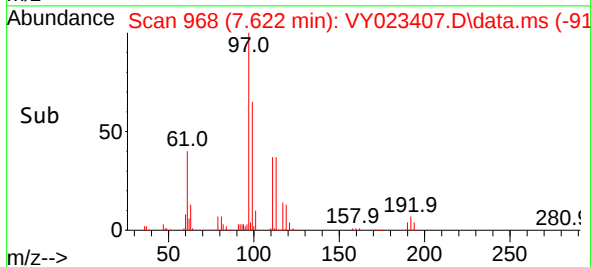
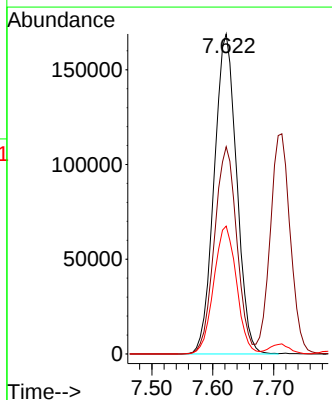
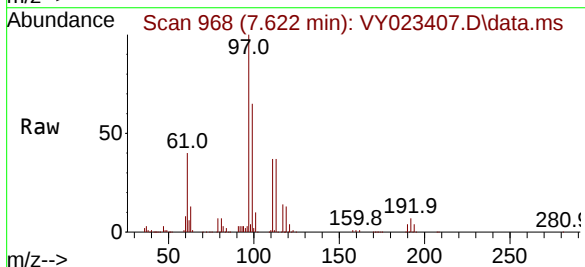
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 353221
Ion Ratio Lower Upper
56 100
69 37.8 30.0 45.0
84 103.6 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 50.415 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 97 Resp: 433016
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 40.5 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 49.431 ug/l

RT: 8.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

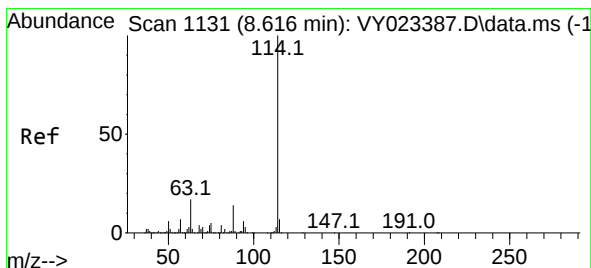
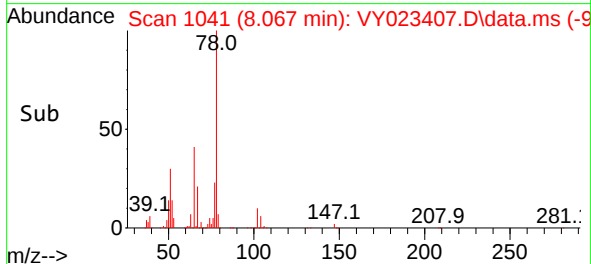
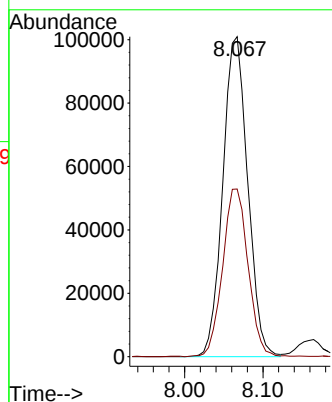
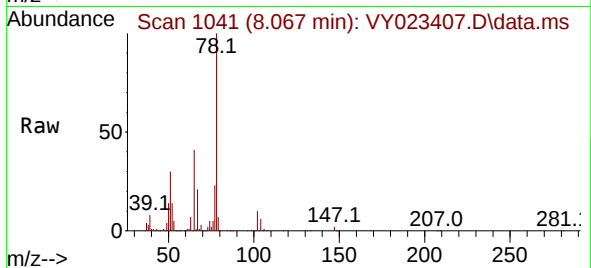
VSTDCCC050

Tgt Ion: 65 Resp: 223226

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

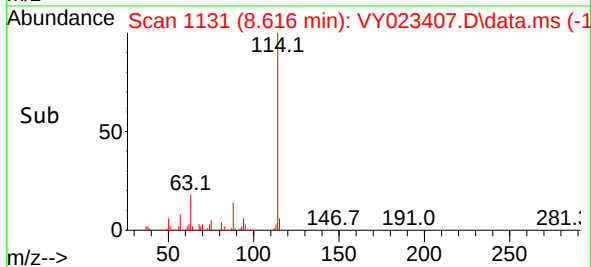
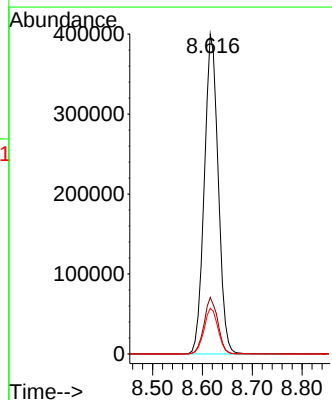
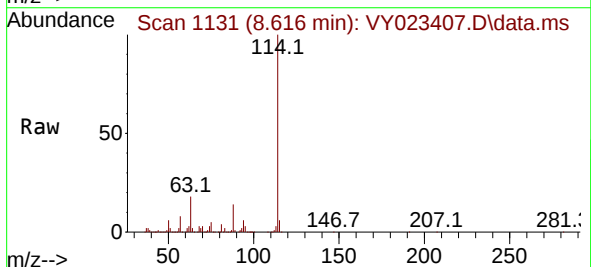
Tgt Ion: 114 Resp: 774126

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.2

88 14.3 0.0 28.4

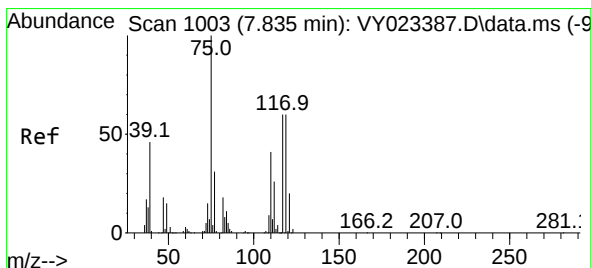
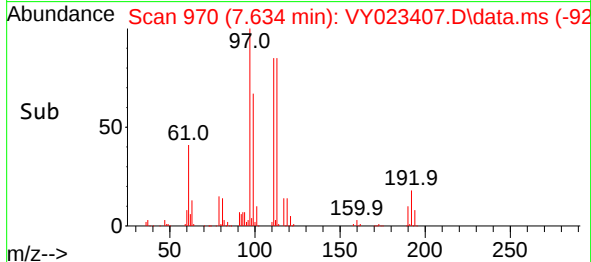
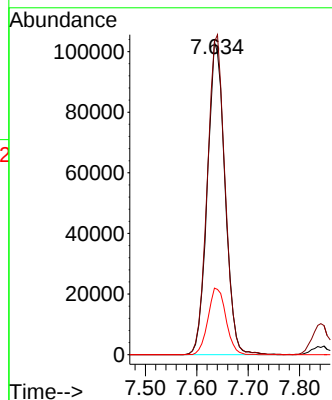
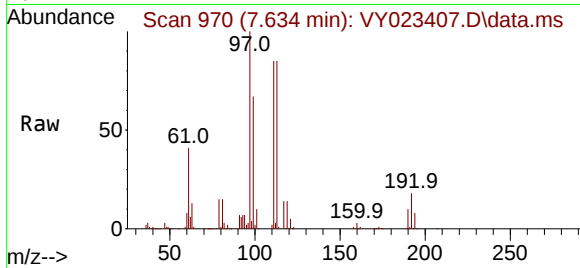




#35
Dibromofluoromethane
Concen: 51.511 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

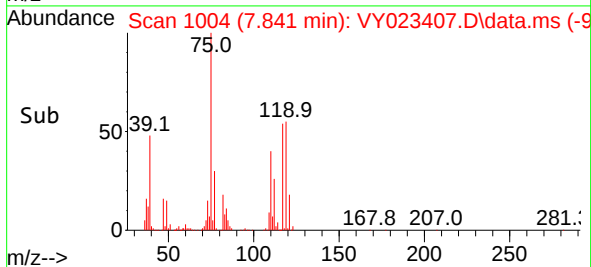
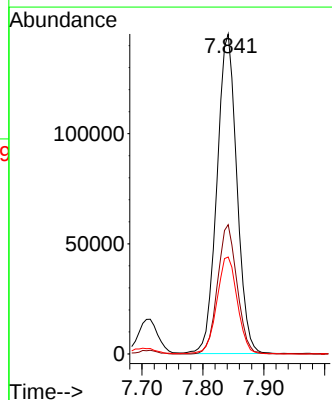
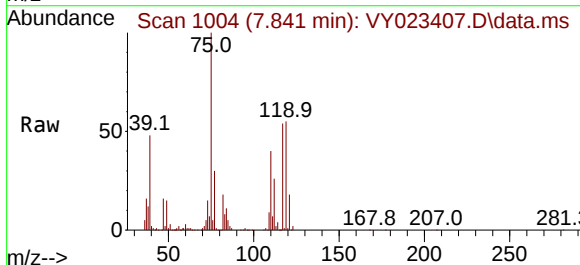
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

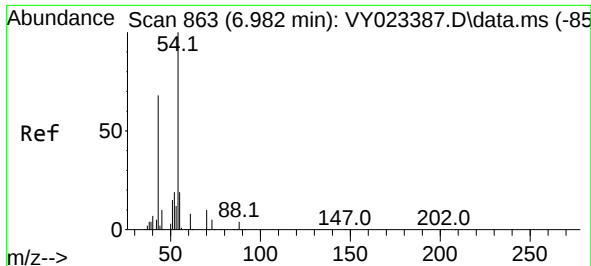
Tgt Ion:113 Resp: 245021
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 21.7 18.0 27.0



#36
1,1-Dichloropropene
Concen: 52.425 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 75 Resp: 330135
Ion Ratio Lower Upper
75 100
110 39.6 19.9 59.7
77 31.3 25.0 37.6





#37

Ethyl Acetate

Concen: 51.143 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

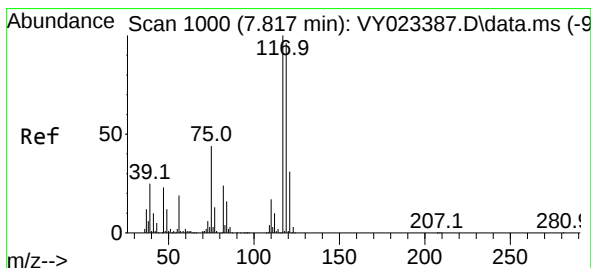
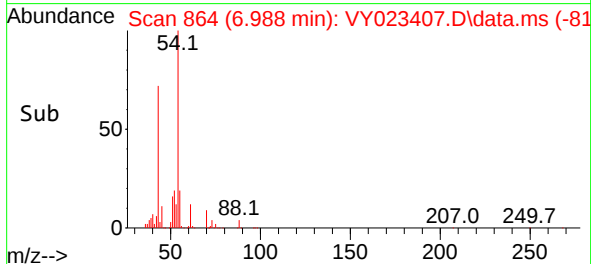
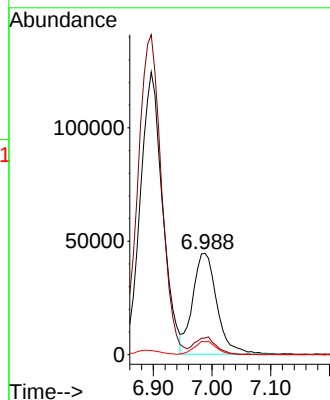
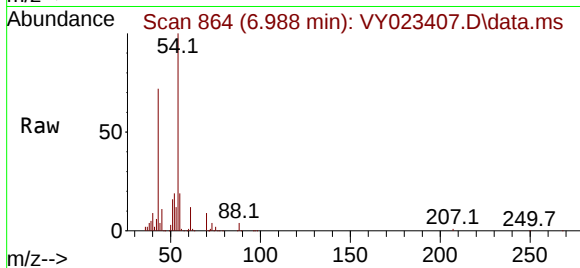
Tgt Ion: 43 Resp: 127592

Ion Ratio Lower Upper

43 100

61 15.0 11.8 17.8

70 11.9 10.5 15.7



#38

Carbon Tetrachloride

Concen: 52.336 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

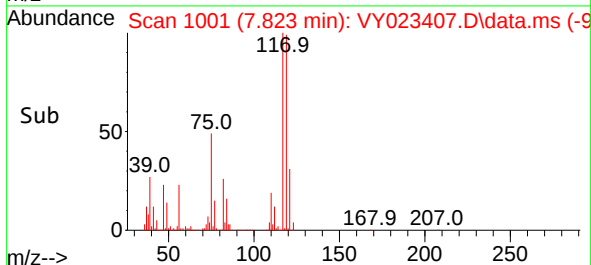
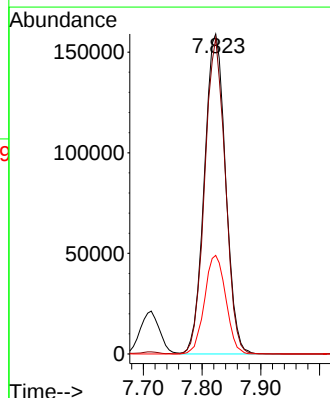
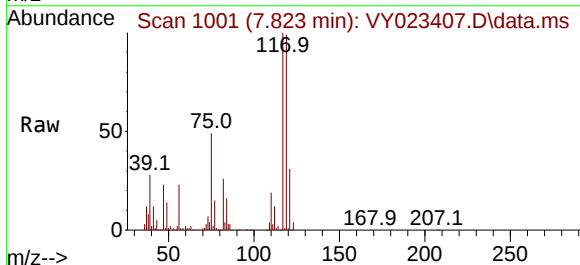
Tgt Ion: 117 Resp: 399630

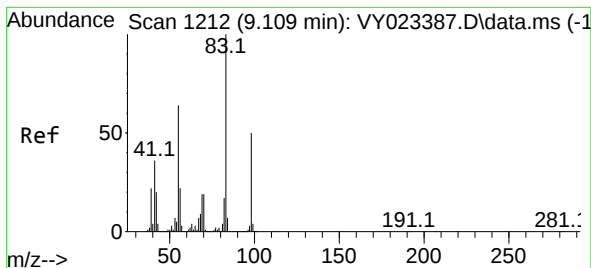
Ion Ratio Lower Upper

117 100

119 98.7 76.8 115.2

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 51.695 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

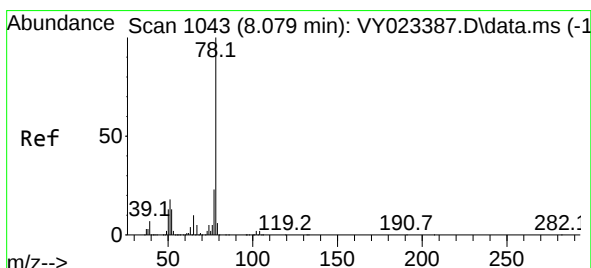
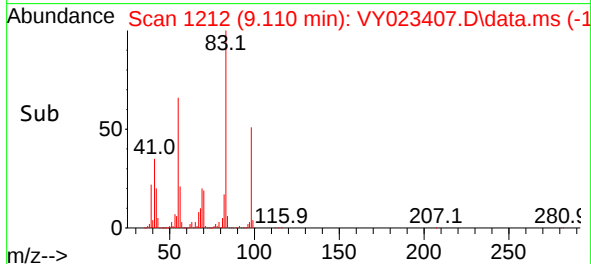
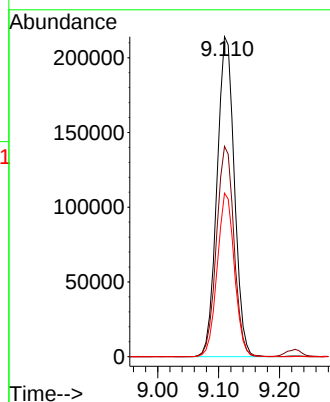
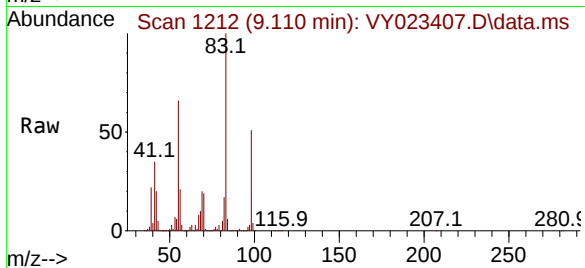
Tgt Ion: 83 Resp: 423860

Ion Ratio Lower Upper

83 100

55 65.8 51.4 77.2

98 51.1 40.4 60.6



#40

Benzene

Concen: 52.081 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023407.D

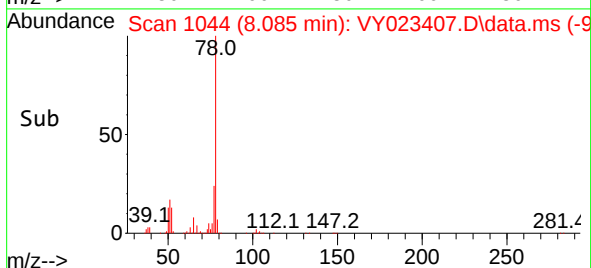
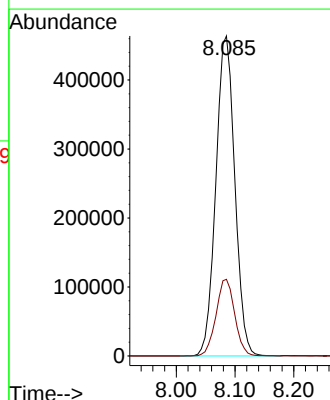
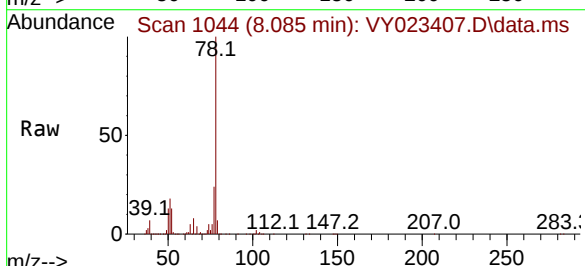
Acq: 09 Oct 2025 08:47

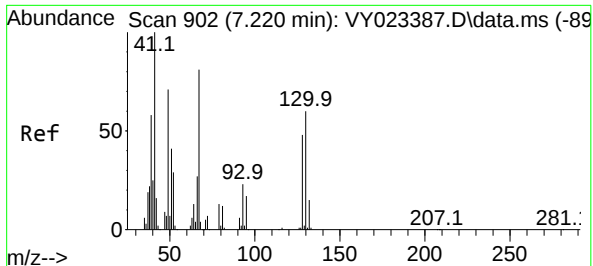
Tgt Ion: 78 Resp: 1038659

Ion Ratio Lower Upper

78 100

77 23.9 18.3 27.5

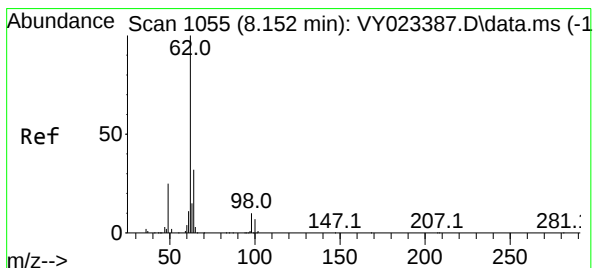
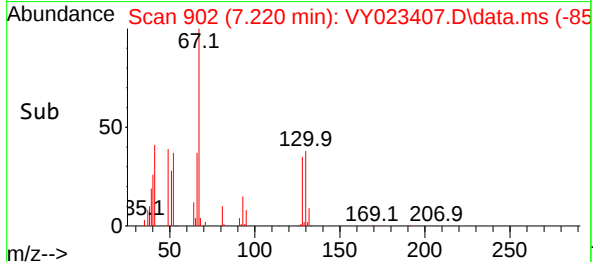
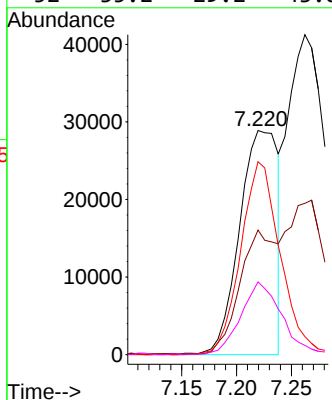
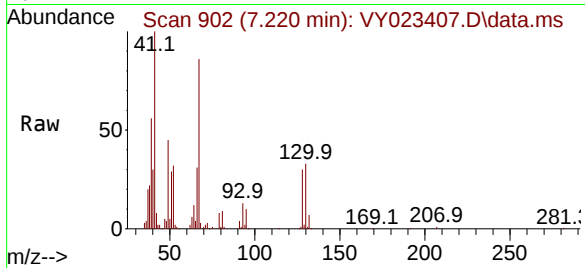




#41
Methacrylonitrile
Concen: 52.260 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

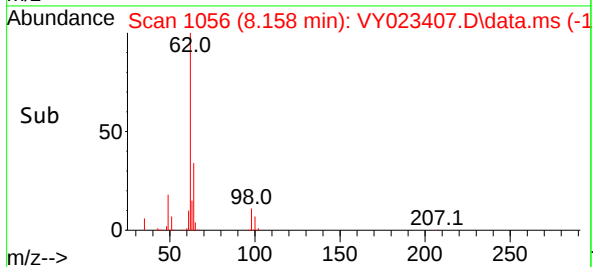
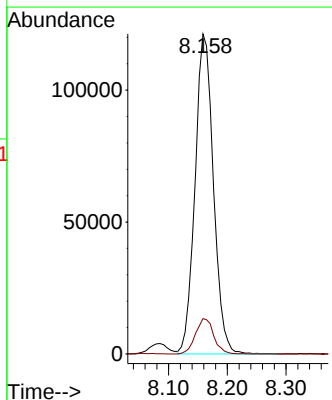
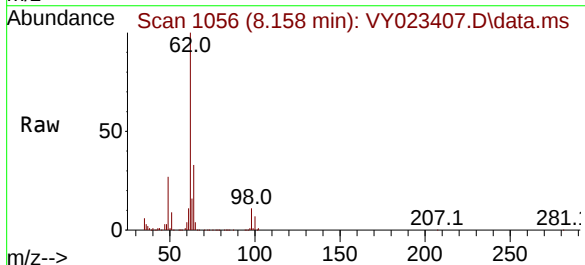
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

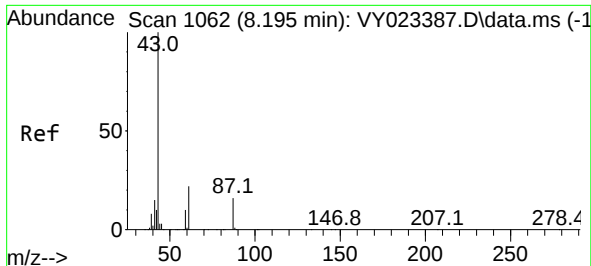
Tgt Ion: 41	Resp: 70514
Ion Ratio	Lower Upper
41 100	
39 53.3	52.2 78.4
67 89.2	74.9 112.3
52 35.2	29.2 43.8



#42
1,2-Dichloroethane
Concen: 51.228 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 62	Resp: 263484
Ion Ratio	Lower Upper
62 100	
98 11.0	0.0 21.6





#43

Isopropyl Acetate

Concen: 49.451 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

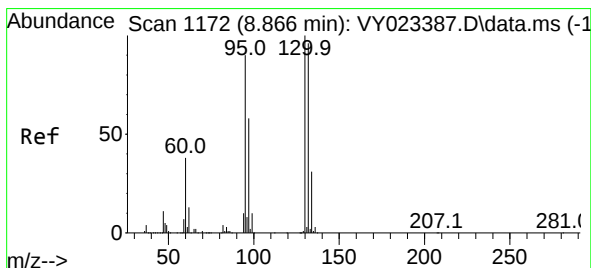
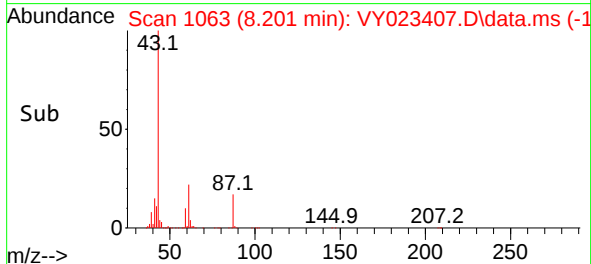
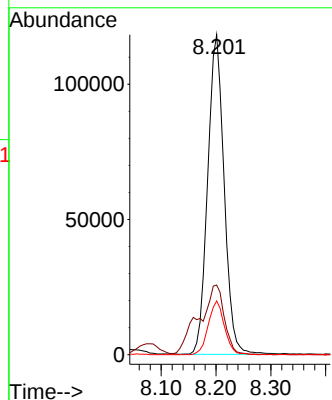
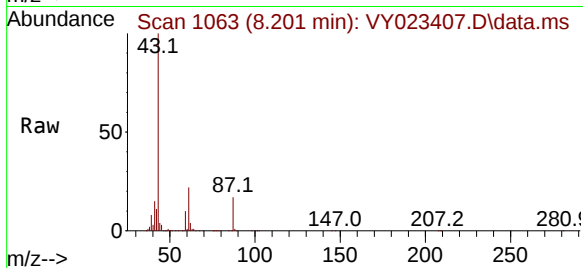
Tgt Ion: 43 Resp: 246006

Ion Ratio Lower Upper

43 100

61 33.4 18.1 27.1#

87 16.5 13.5 20.3



#44

Trichloroethene

Concen: 51.229 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY023407.D

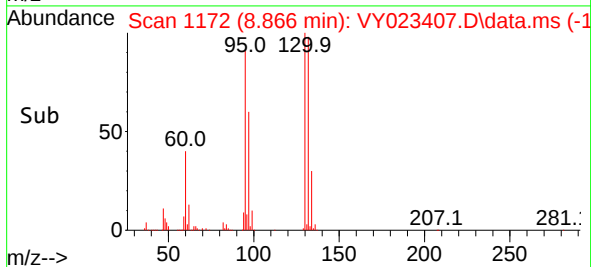
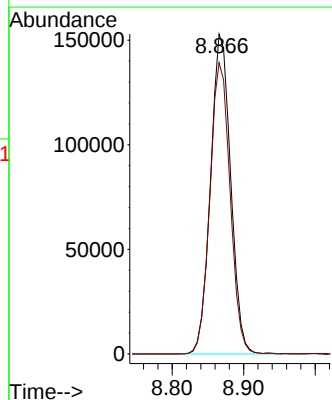
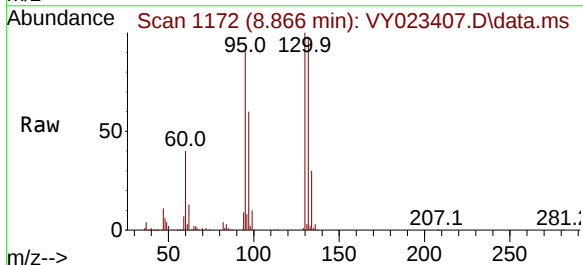
Acq: 09 Oct 2025 08:47

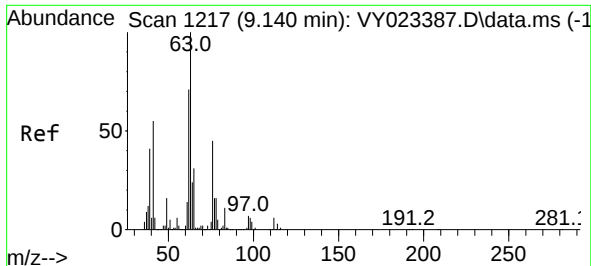
Tgt Ion:130 Resp: 299026

Ion Ratio Lower Upper

130 100

95 91.0 0.0 180.6





#45

1,2-Dichloropropane

Concen: 52.011 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

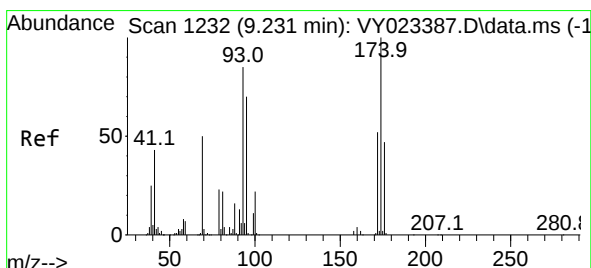
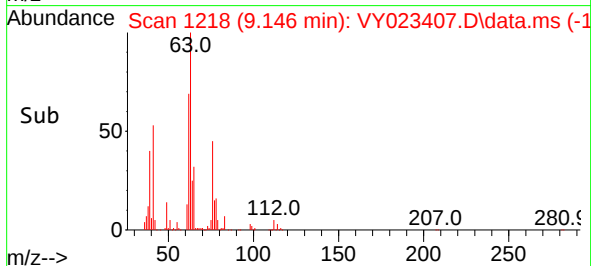
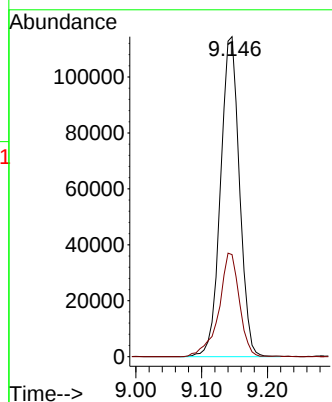
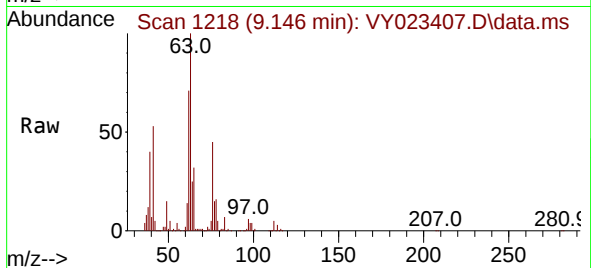
VSTDCCC050

Tgt Ion: 63 Resp: 229106

Ion Ratio Lower Upper

63 100

65 31.9 24.9 37.3



#46

Dibromomethane

Concen: 53.275 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

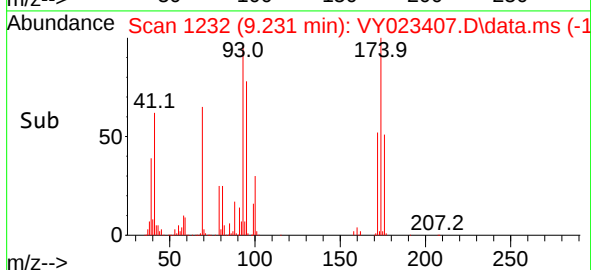
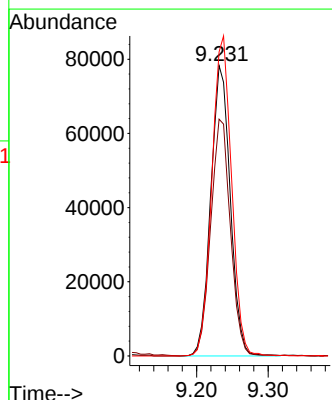
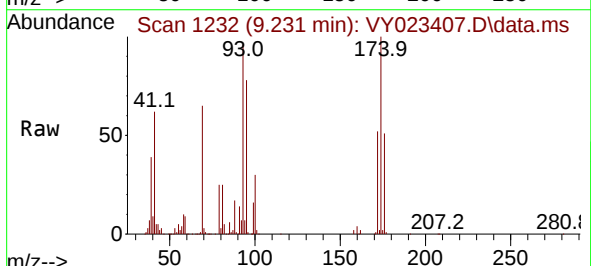
Tgt Ion: 93 Resp: 148392

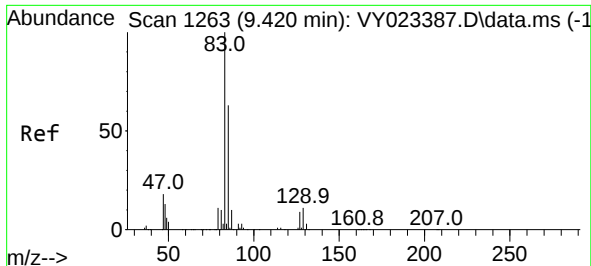
Ion Ratio Lower Upper

93 100

95 82.5 65.4 98.0

174 111.0 92.9 139.3

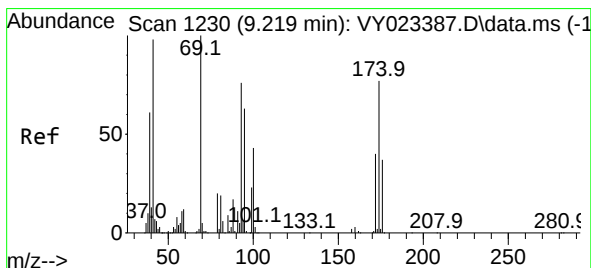
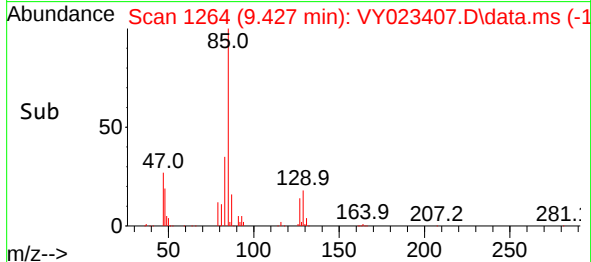
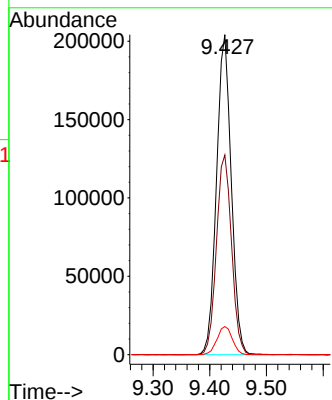
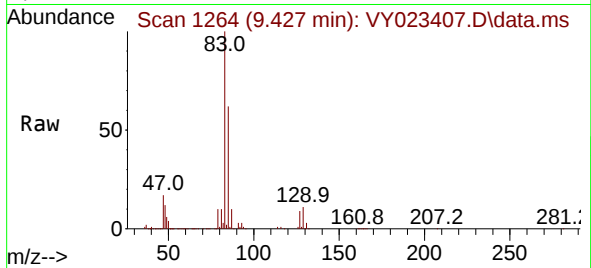




#47
Bromodichloromethane
Concen: 52.430 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

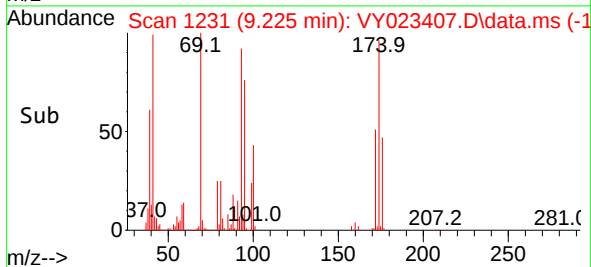
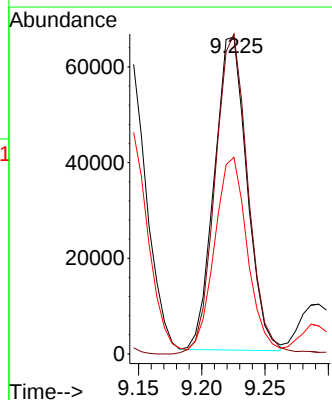
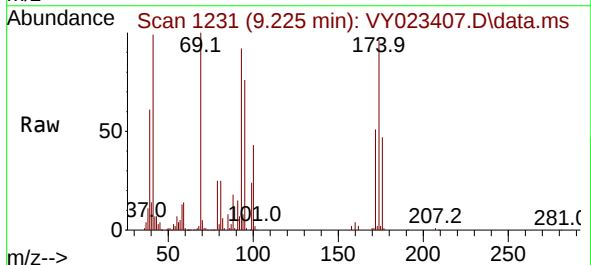
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

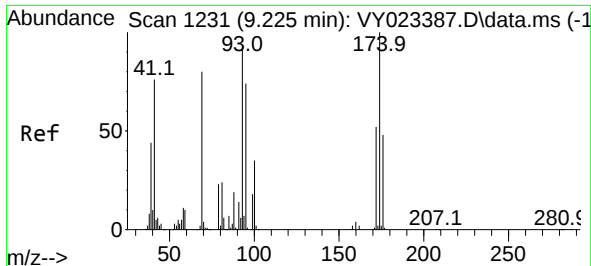
Tgt Ion: 83 Resp: 367798
Ion Ratio Lower Upper
83 100
85 62.4 50.8 76.2
127 8.8 7.4 11.2



#48
Methyl methacrylate
Concen: 50.315 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 41 Resp: 117590
Ion Ratio Lower Upper
41 100
69 103.1 81.0 121.4
39 60.8 48.2 72.4

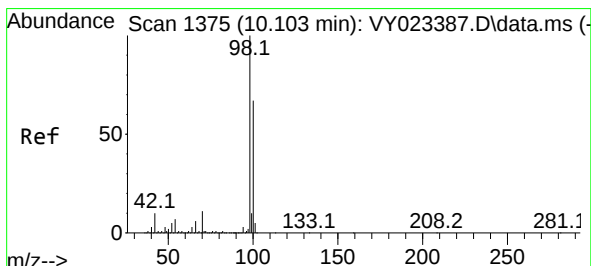
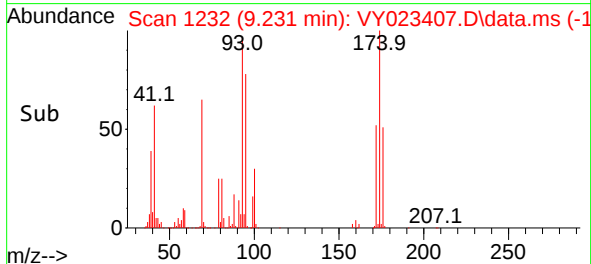
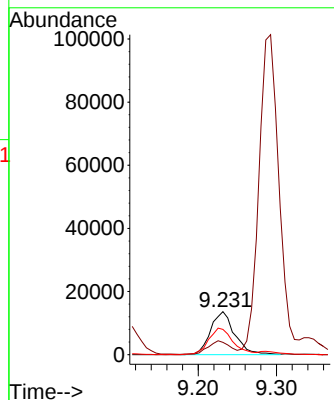
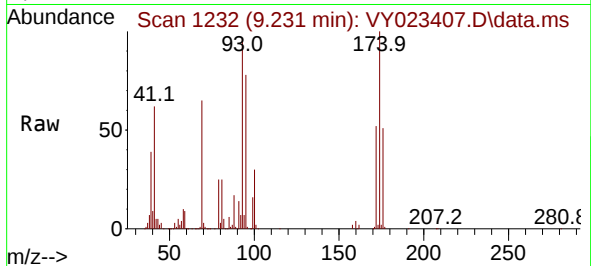




#49
1,4-Dioxane
Concen: 903.627 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

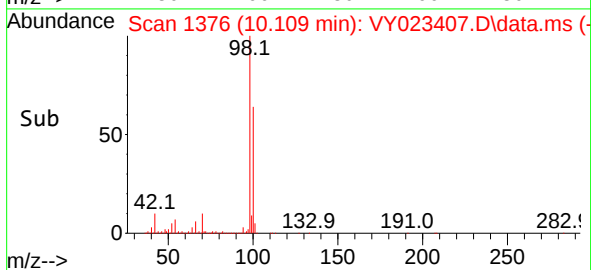
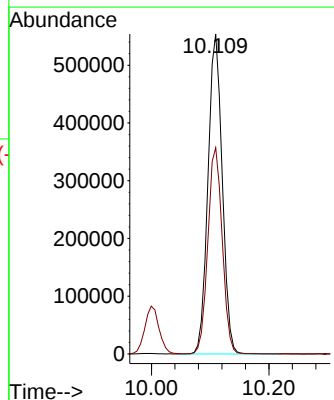
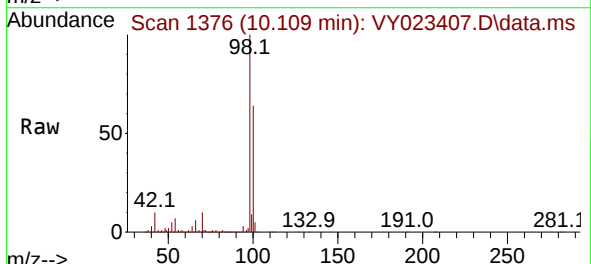
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

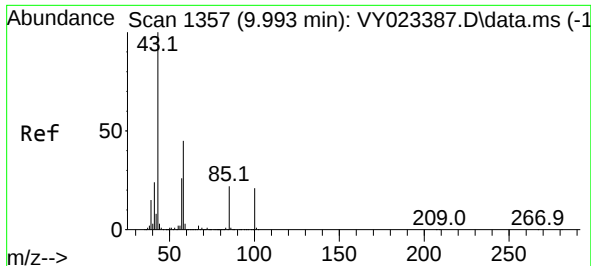
Tgt Ion: 88 Resp: 29182
Ion Ratio Lower Upper
88 100
43 28.0 21.8 32.8
58 62.4 46.8 70.2



#50
Toluene-d8
Concen: 52.497 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 98 Resp: 929940
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 261.942 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

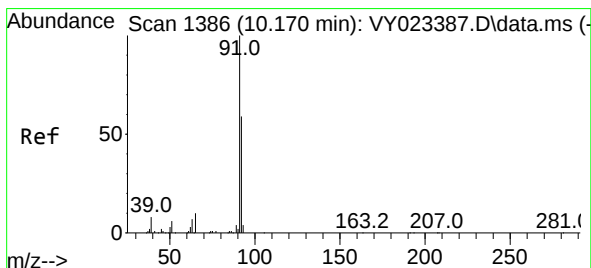
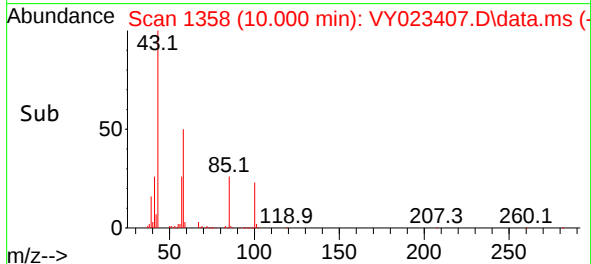
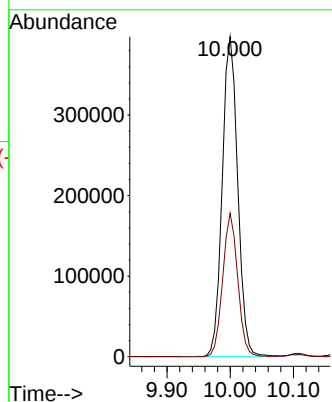
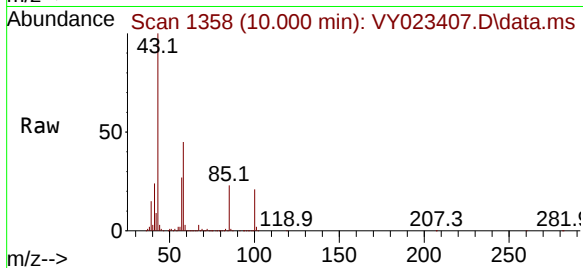
VSTDCCC050

Tgt Ion: 43 Resp: 673260

Ion Ratio Lower Upper

43 100

58 43.4 35.3 52.9



#52

Toluene

Concen: 53.439 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023407.D

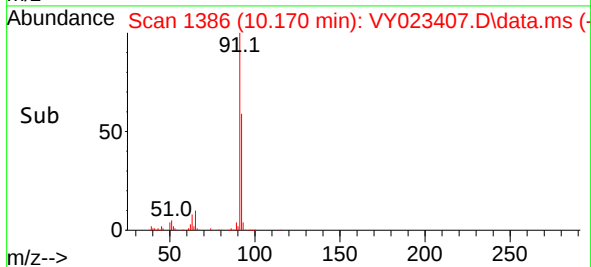
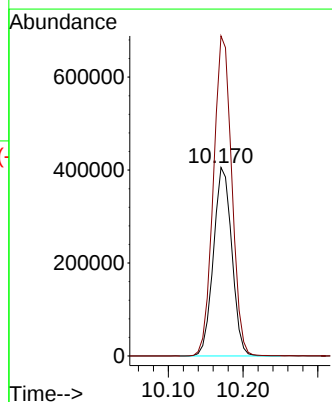
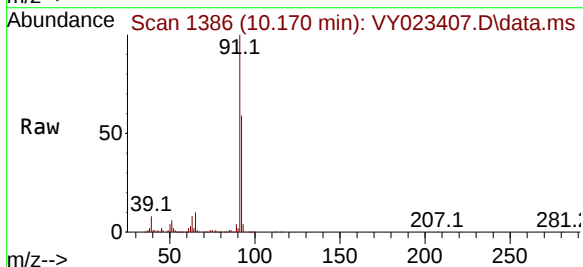
Acq: 09 Oct 2025 08:47

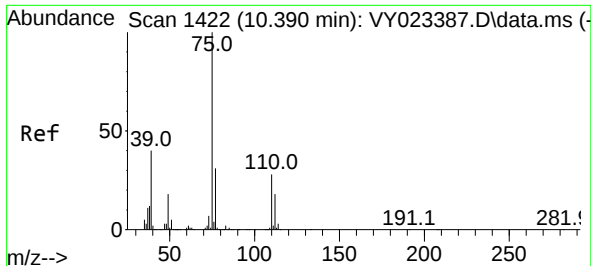
Tgt Ion: 92 Resp: 691962

Ion Ratio Lower Upper

92 100

91 169.9 136.4 204.6

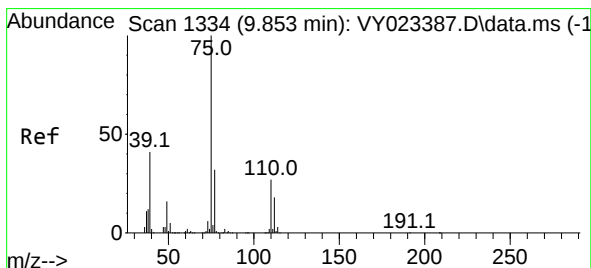
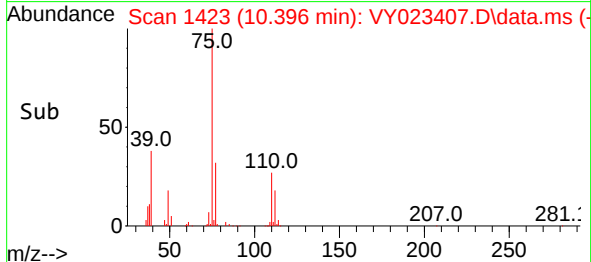
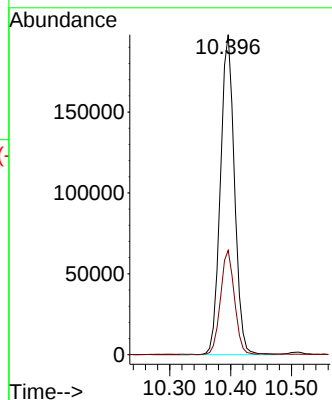
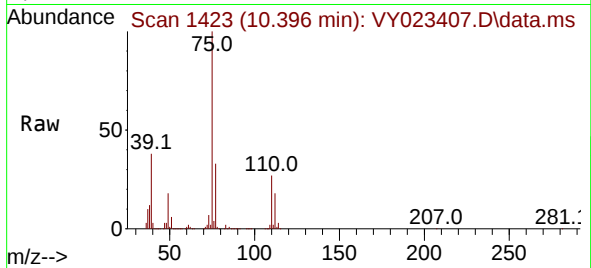




#53
 t-1,3-Dichloropropene
 Concen: 52.141 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.006 min
 Lab File: VY023407.D
 Acq: 09 Oct 2025 08:47

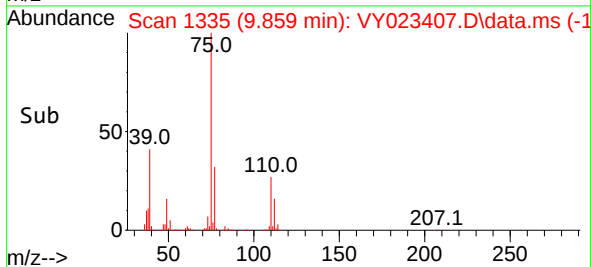
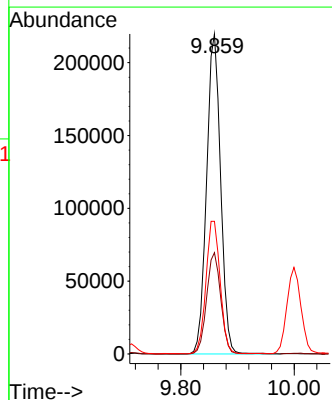
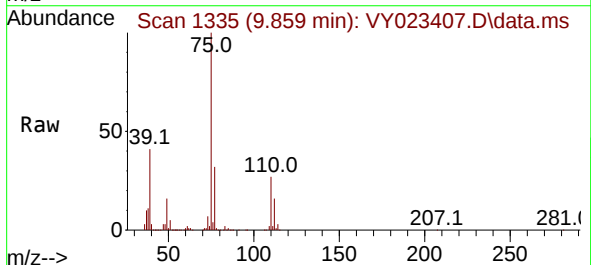
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

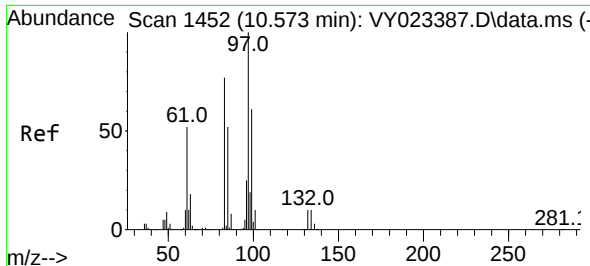
Tgt Ion: 75 Resp: 318047
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.320 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023407.D
 Acq: 09 Oct 2025 08:47

Tgt Ion: 75 Resp: 376659
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 41.4 32.8 49.2

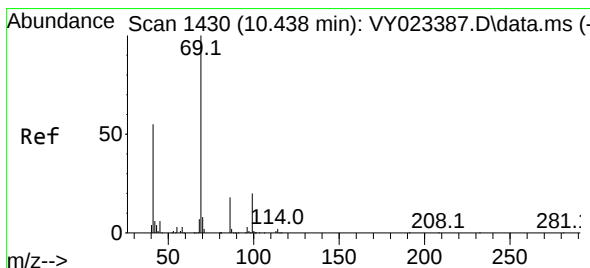
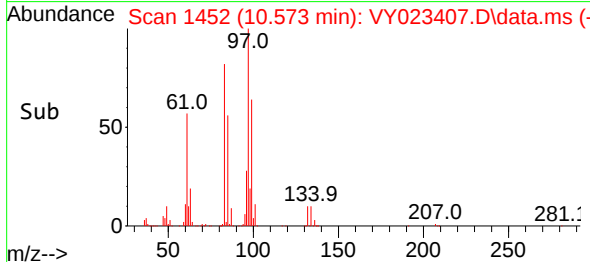
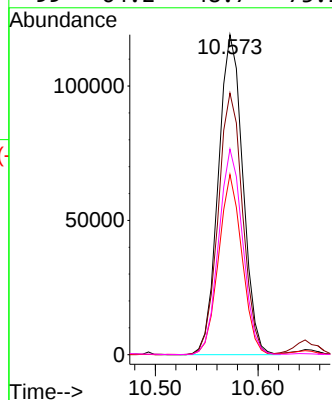
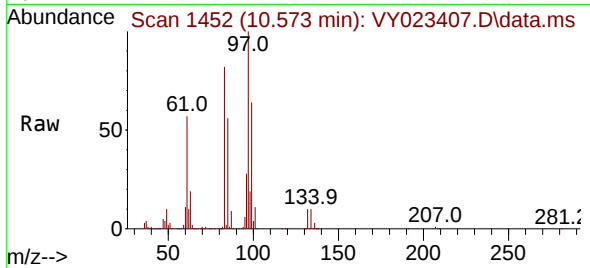




#55
1,1,2-Trichloroethane
Concen: 52.802 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

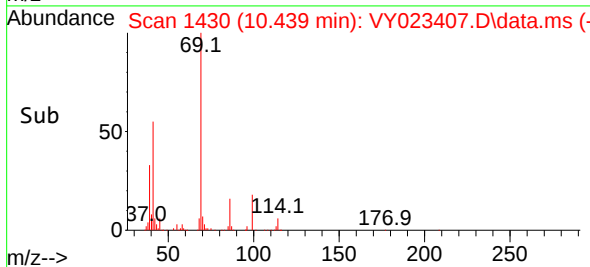
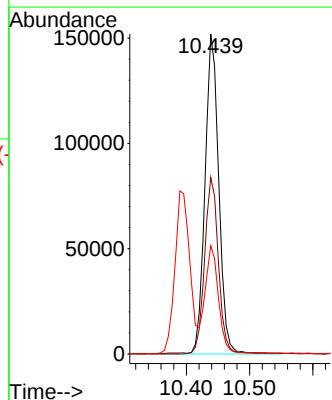
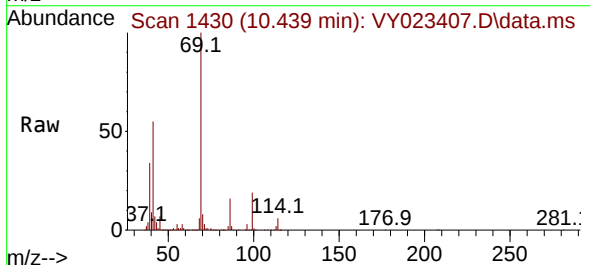
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

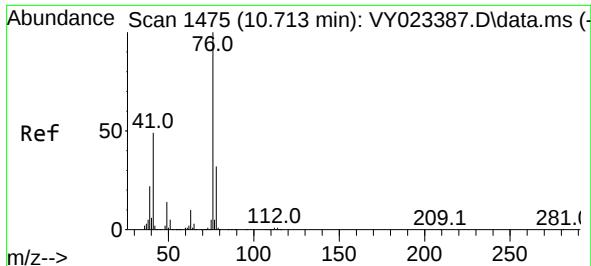
Tgt Ion:	97	Resp:	197777
Ion	Ratio	Lower	Upper
97	100		
83	81.8	61.8	92.6
85	56.2	41.3	61.9
99	64.2	48.7	73.1



#56
Ethyl methacrylate
Concen: 53.280 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion:	69	Resp:	230201
Ion	Ratio	Lower	Upper
69	100		
41	54.6	44.6	67.0
39	32.2	27.0	40.4





#57

1,3-Dichloropropane

Concen: 52.603 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

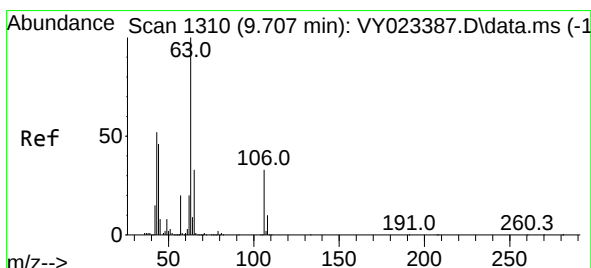
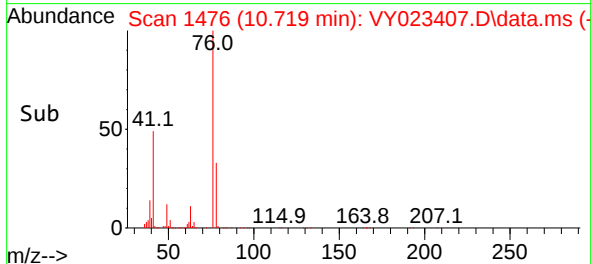
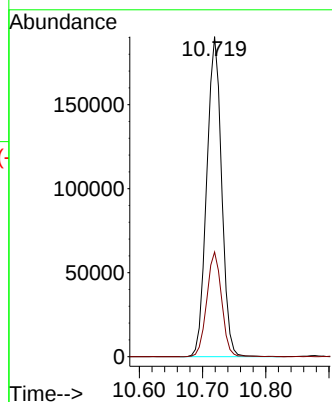
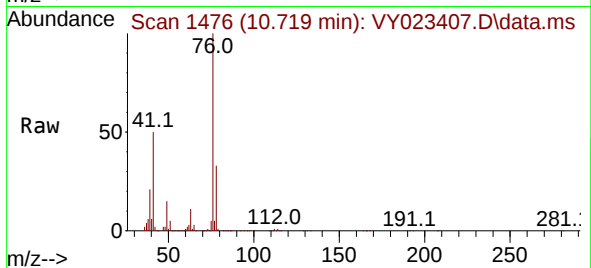
VSTDCCC050

Tgt Ion: 76 Resp: 312218

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 263.940 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023407.D

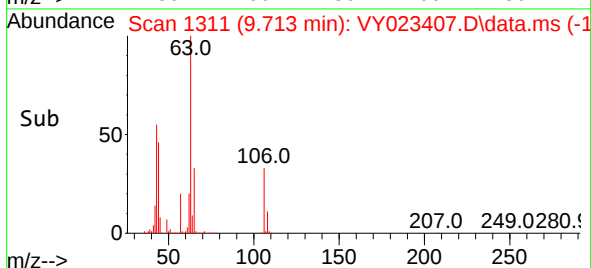
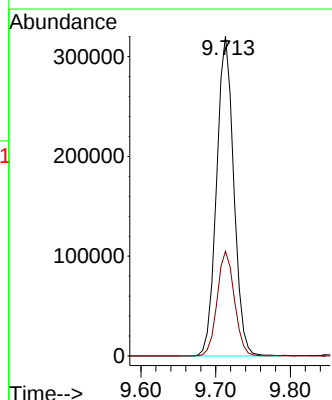
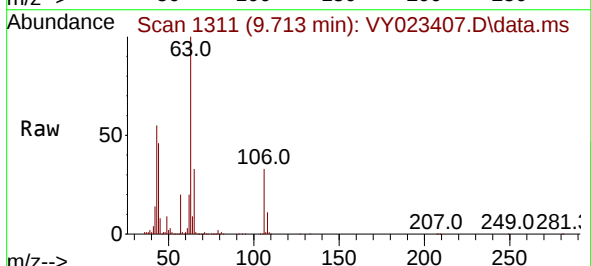
Acq: 09 Oct 2025 08:47

Tgt Ion: 63 Resp: 510862

Ion Ratio Lower Upper

63 100

106 32.9 26.6 39.8

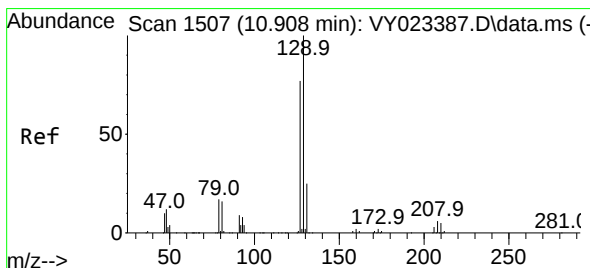
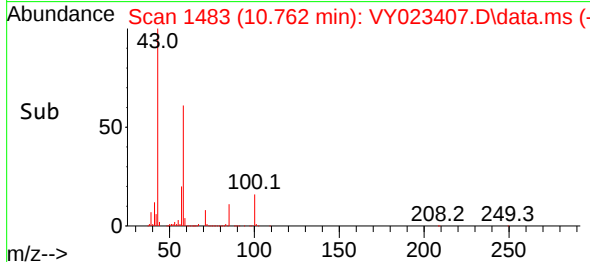
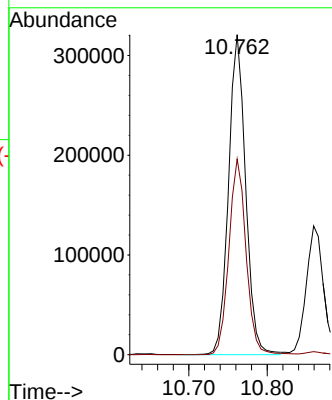
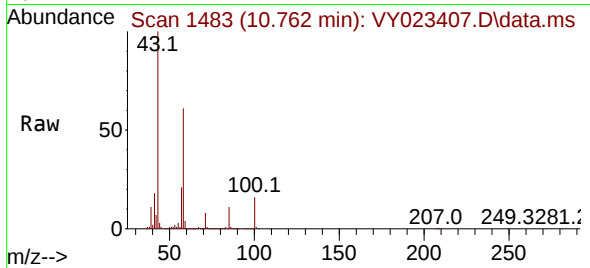




#59
2-Hexanone
Concen: 264.747 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

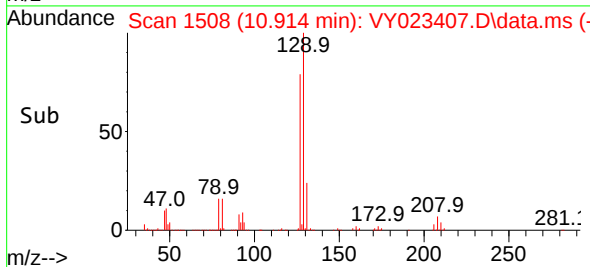
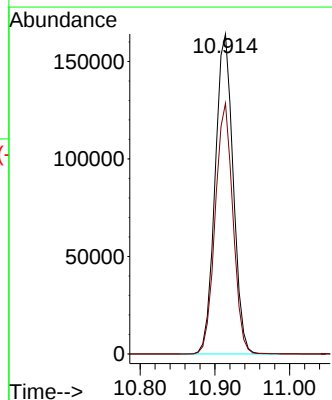
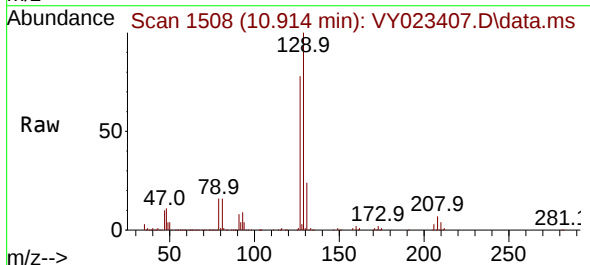
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

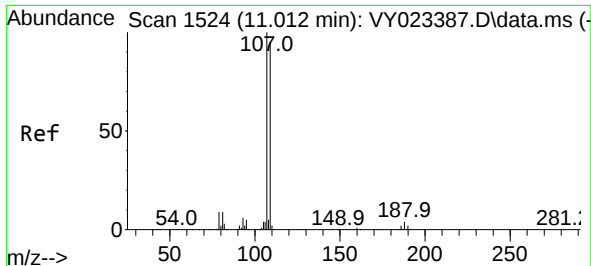
Tgt Ion: 43 Resp: 486294
Ion Ratio Lower Upper
43 100
58 61.5 30.5 91.5



#60
Dibromochloromethane
Concen: 52.392 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 129 Resp: 275135
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

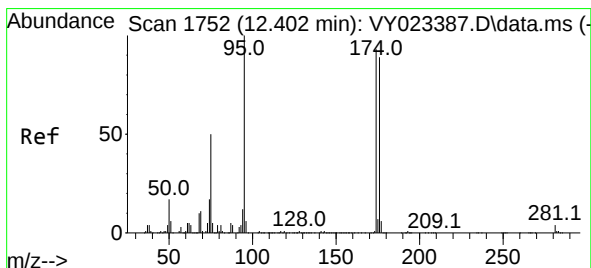
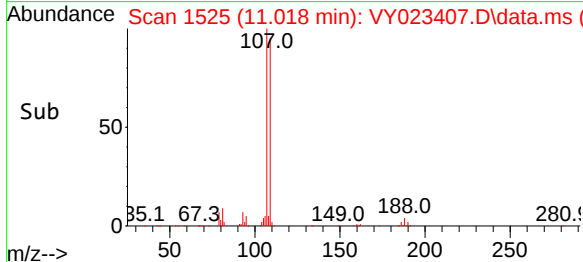
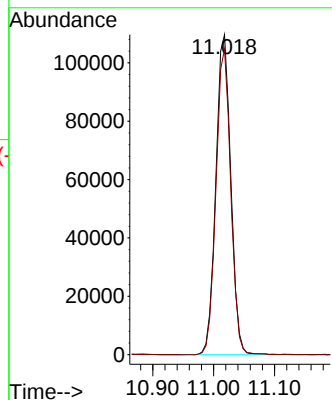
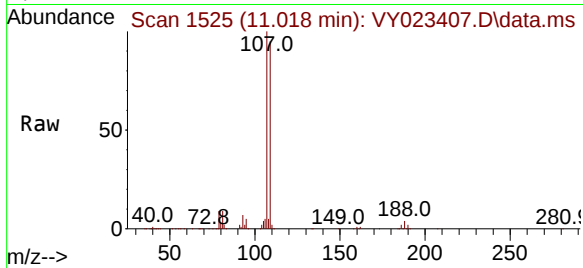




#61
1,2-Dibromoethane
Concen: 52.230 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

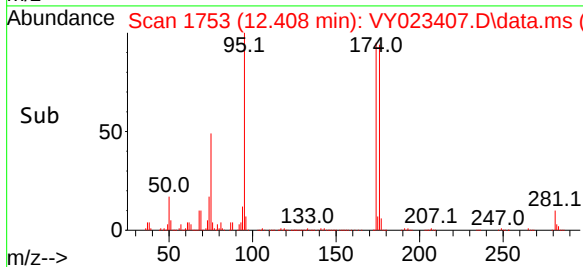
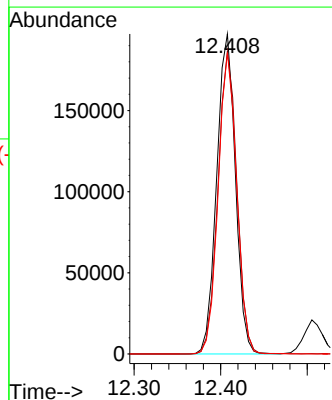
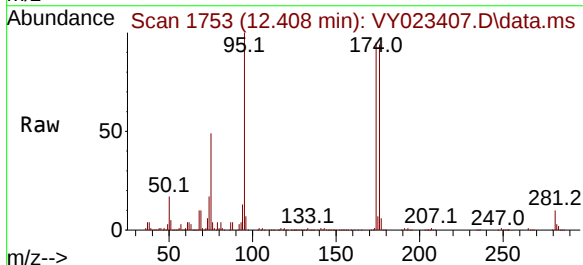
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

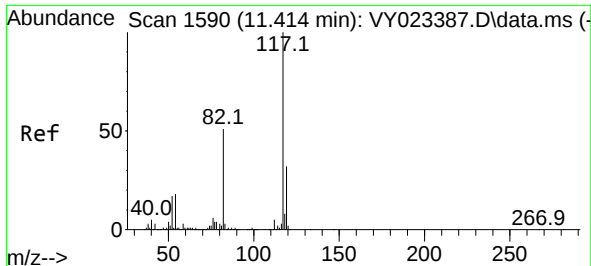
Tgt Ion:107 Resp: 186575
Ion Ratio Lower Upper
107 100
109 94.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 50.706 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 95 Resp: 296545
Ion Ratio Lower Upper
95 100
174 95.7 0.0 192.8
176 93.0 0.0 187.6

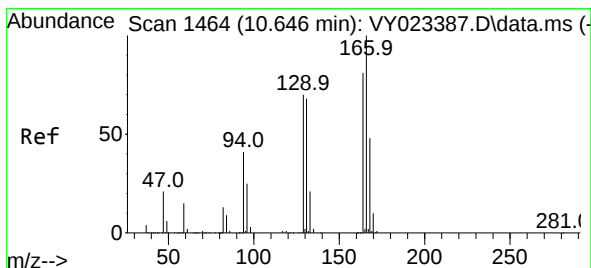
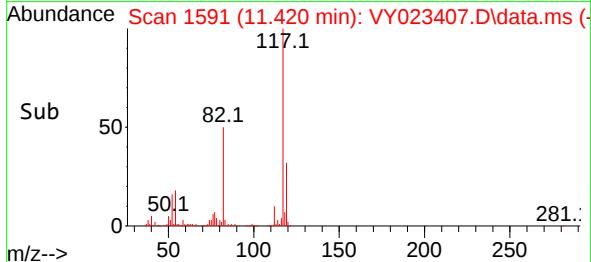
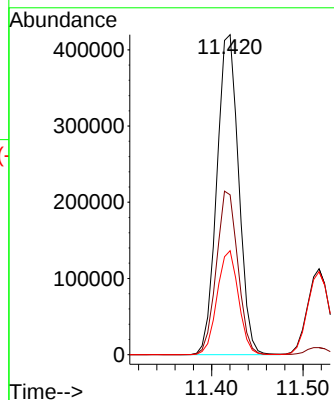
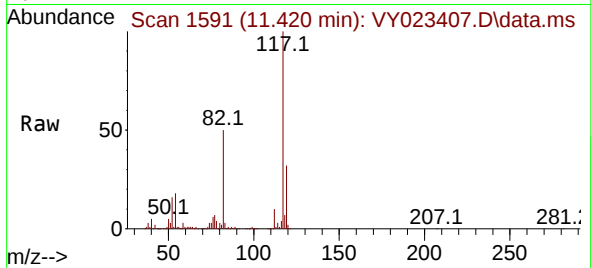




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

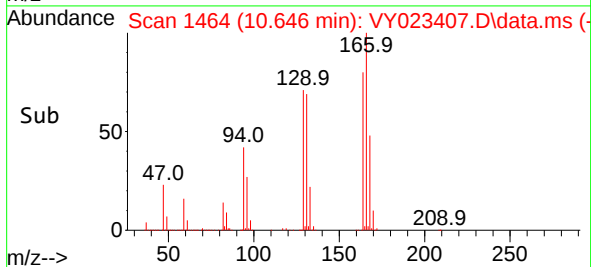
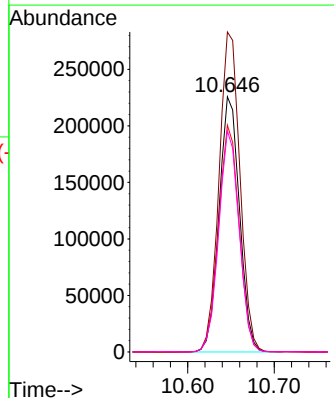
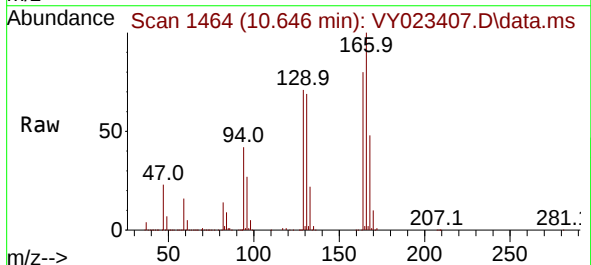
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

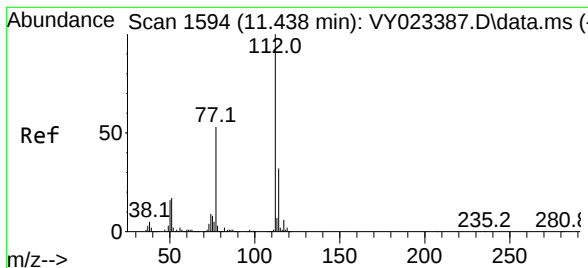
Tgt Ion:117 Resp: 696341
Ion Ratio Lower Upper
117 100
82 49.9 41.0 61.4
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 51.752 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion:164 Resp: 372099
Ion Ratio Lower Upper
164 100
166 125.4 99.4 149.0
129 88.9 69.4 104.2
131 86.6 67.5 101.3

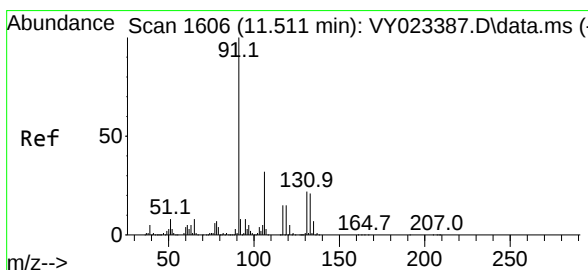
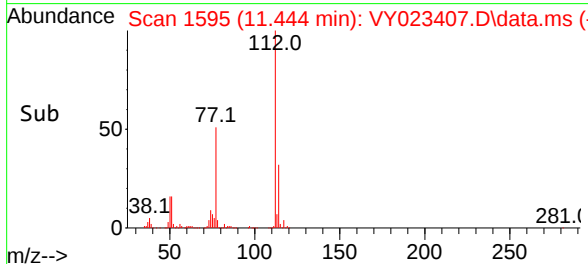
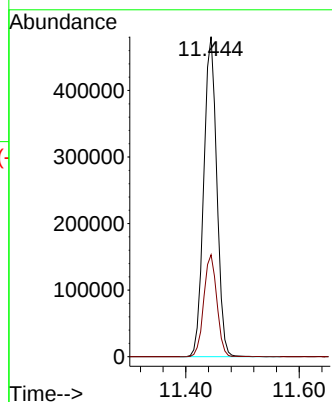
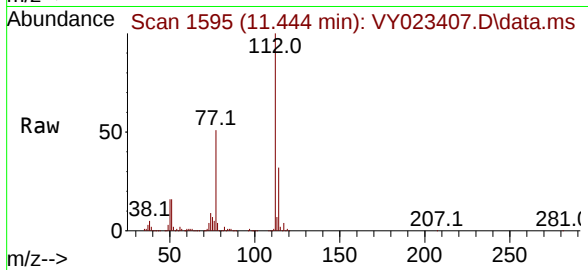




#65
Chlorobenzene
Concen: 50.723 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

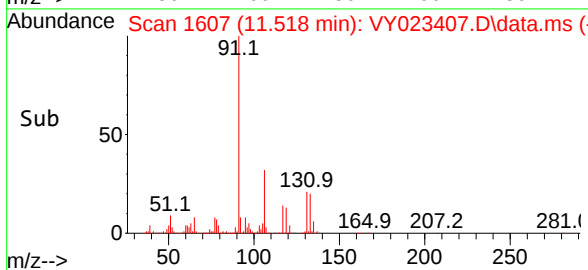
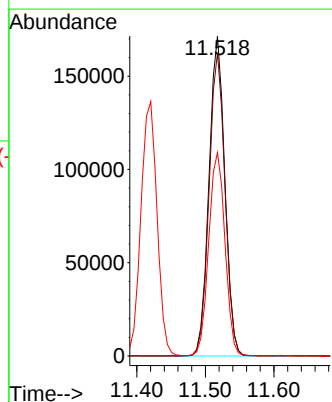
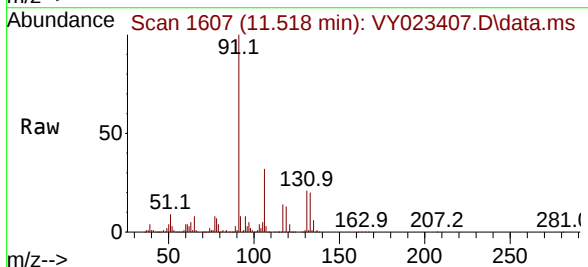
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

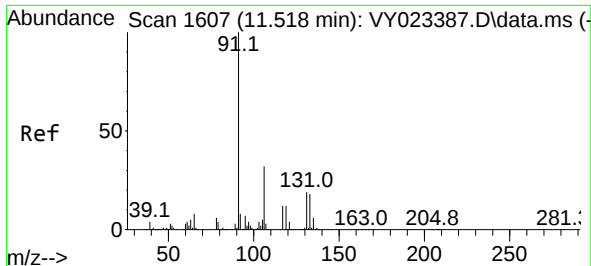
Tgt Ion:112 Resp: 768208
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.134 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion:131 Resp: 275973
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.2
119 65.2 32.4 97.2





#67

Ethyl Benzene

Concen: 52.144 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

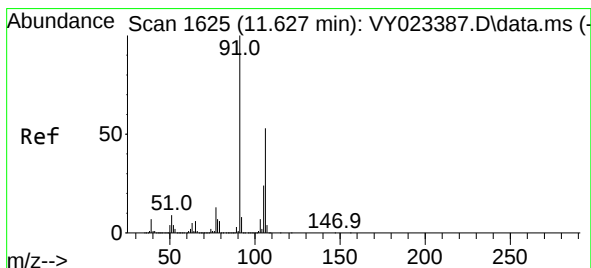
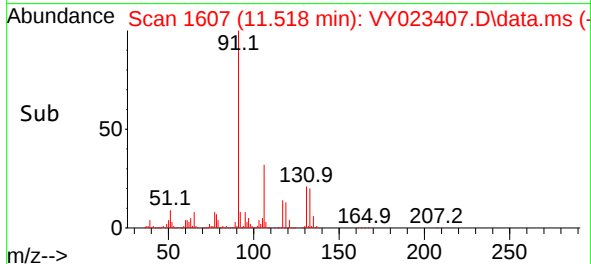
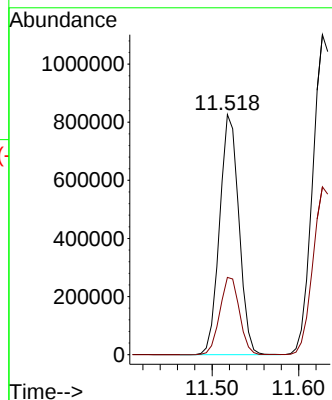
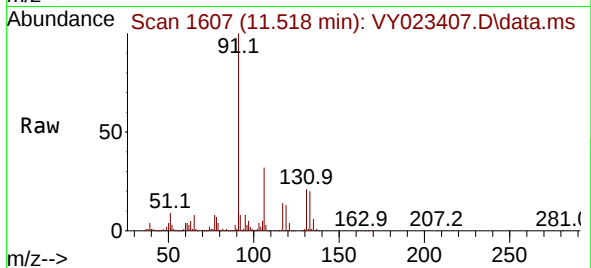
VSTDCCC050

Tgt Ion: 91 Resp: 1278315

Ion Ratio Lower Upper

91 100

106 32.2 25.8 38.8



#68

m/p-Xylenes

Concen: 105.533 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023407.D

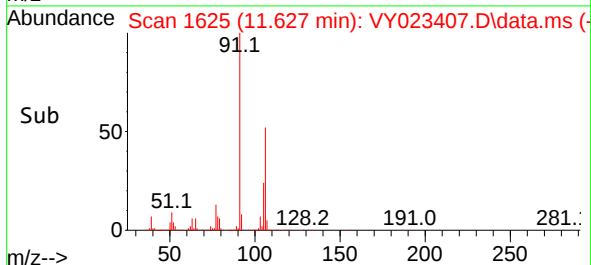
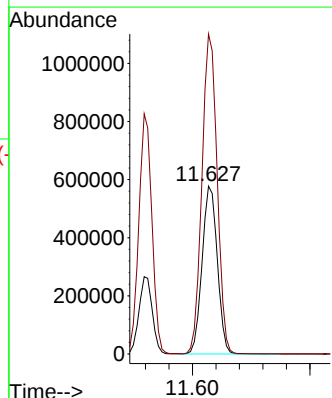
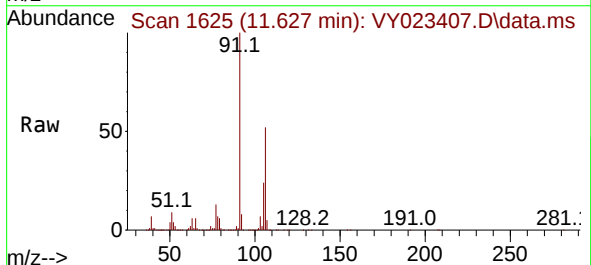
Acq: 09 Oct 2025 08:47

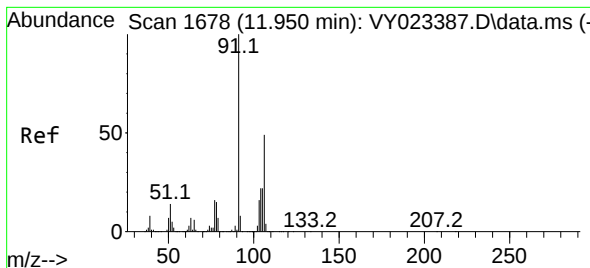
Tgt Ion:106 Resp: 1037707

Ion Ratio Lower Upper

106 100

91 190.7 152.6 229.0

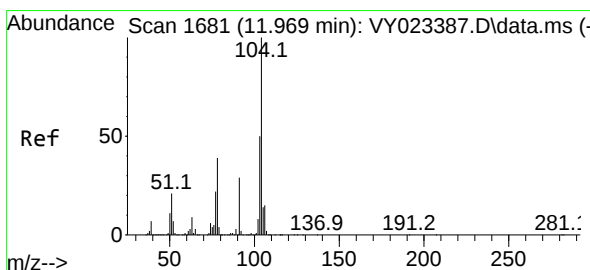
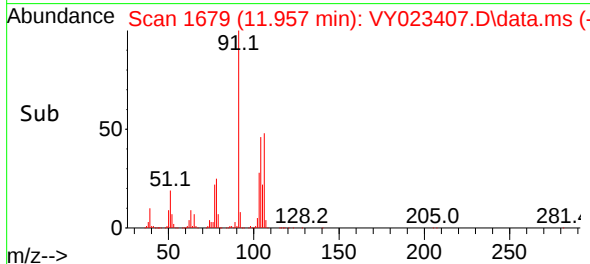
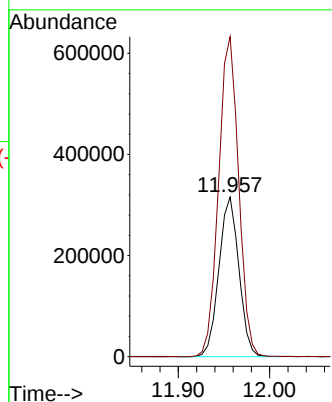
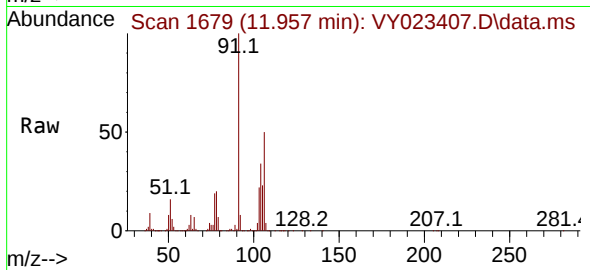




#69
o-Xylene
Concen: 52.013 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

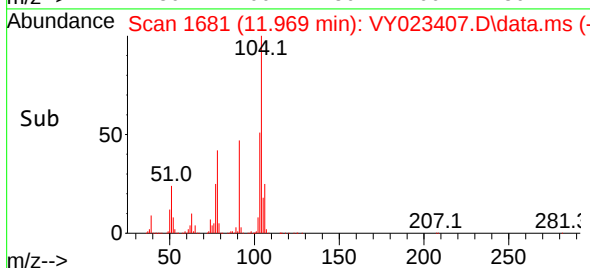
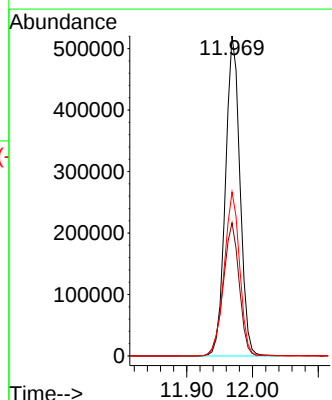
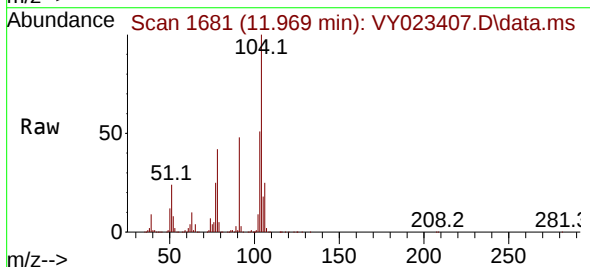
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

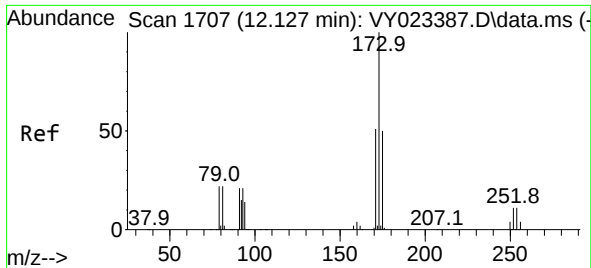
Tgt Ion:106 Resp: 479717
Ion Ratio Lower Upper
106 100
91 201.2 101.4 304.1



#70
Styrene
Concen: 52.844 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion:104 Resp: 801488
Ion Ratio Lower Upper
104 100
78 45.5 36.1 54.1
103 54.5 43.2 64.8

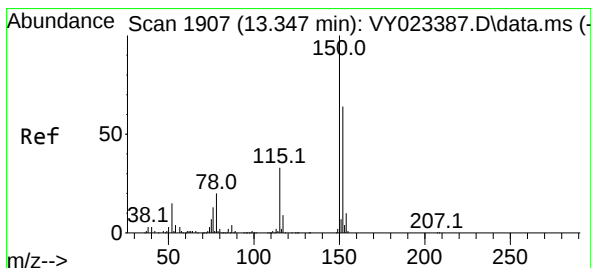
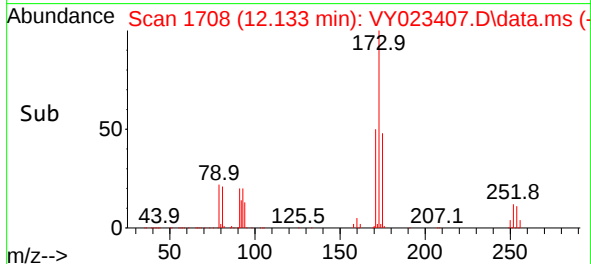
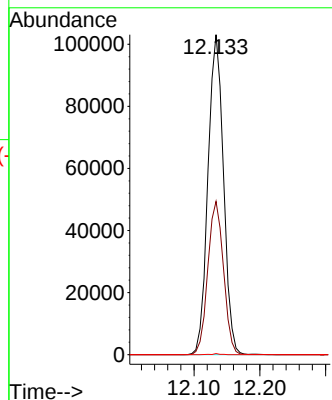
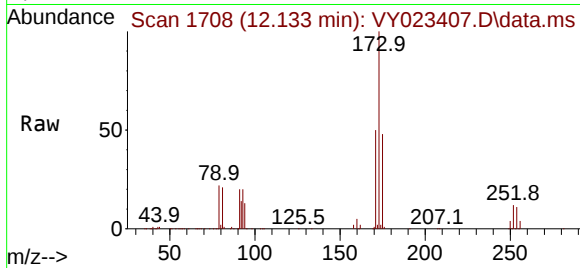




#71
Bromoform
Concen: 50.460 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

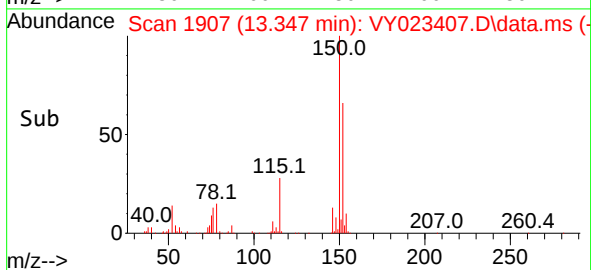
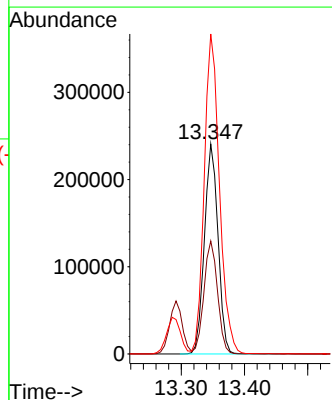
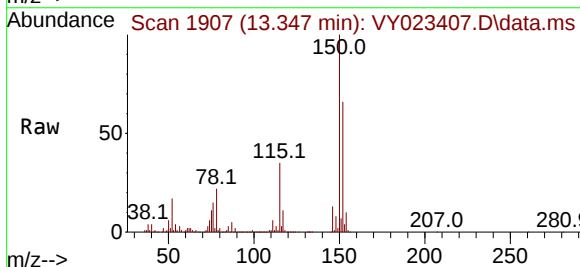
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

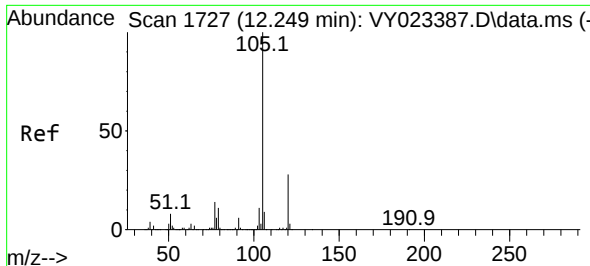
Tgt Ion:173 Resp: 168928
Ion Ratio Lower Upper
173 100
175 48.4 24.8 74.3
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion:152 Resp: 360790
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.2
150 170.0 0.0 347.4

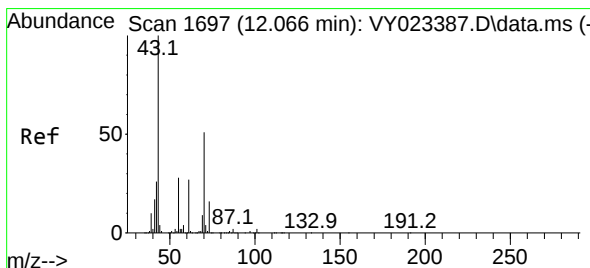
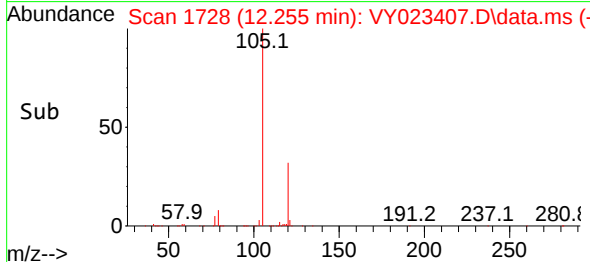
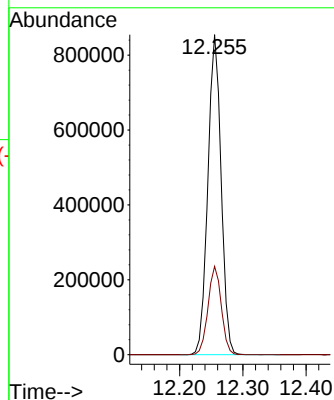
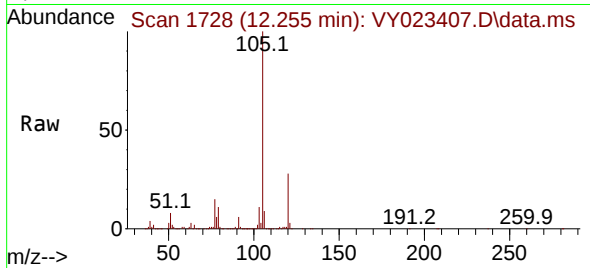




#73
Isopropylbenzene
Concen: 52.380 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

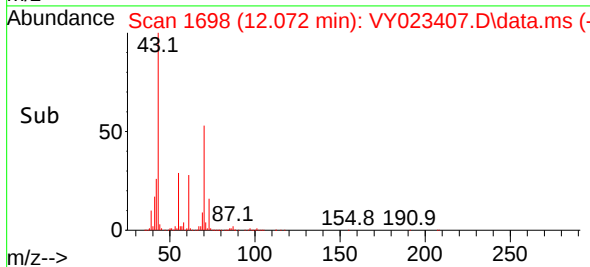
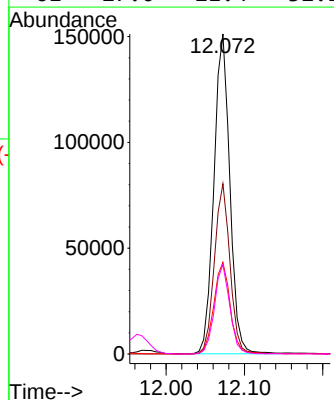
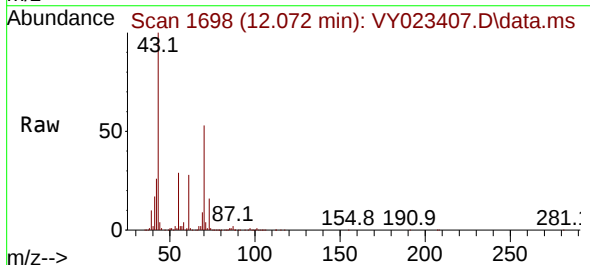
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

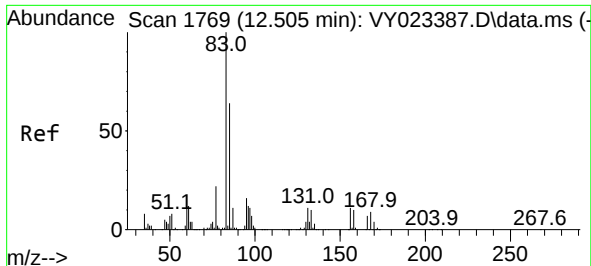
Tgt Ion:105 Resp: 1245422
Ion Ratio Lower Upper
105 100
120 27.7 13.9 41.7



#74
N-ethyl acetate
Concen: 49.925 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 43 Resp: 213212
Ion Ratio Lower Upper
43 100
70 52.3 41.1 61.7
55 29.5 23.0 34.6
61 27.0 21.4 32.2

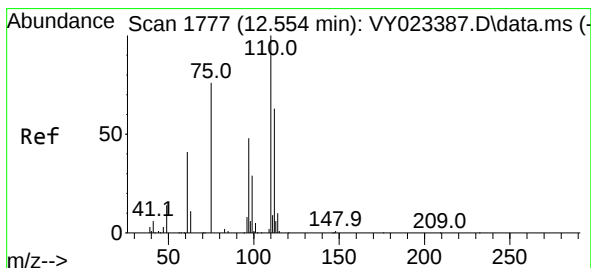
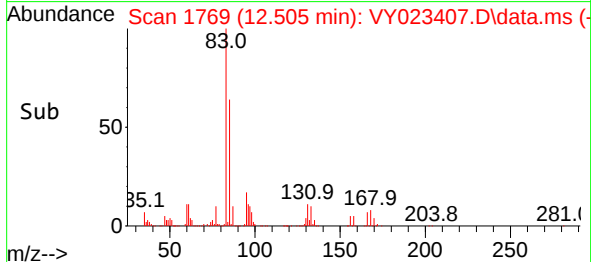
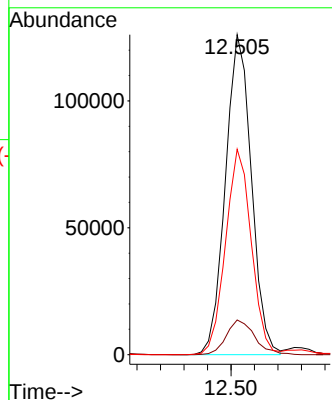
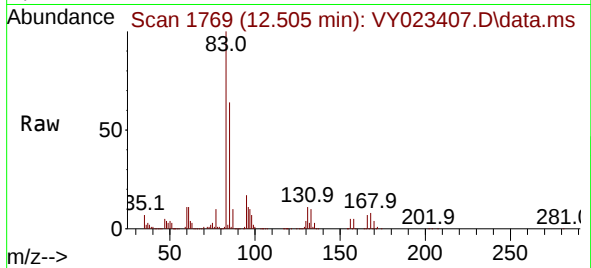




#75
1,1,2,2-Tetrachloroethane
Concen: 49.838 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

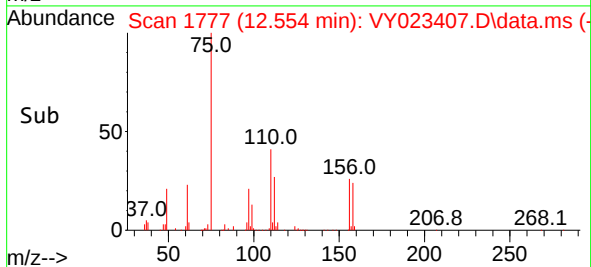
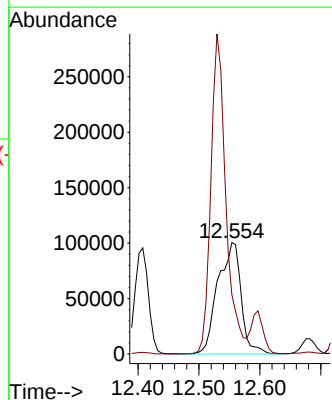
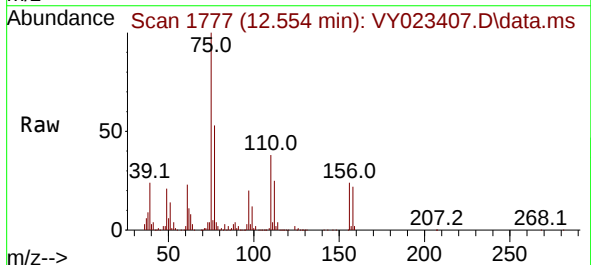
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

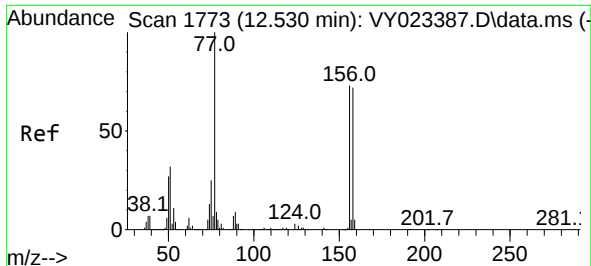
Tgt Ion: 83 Resp: 193812
Ion Ratio Lower Upper
83 100
131 11.8 5.9 17.6
85 63.7 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 83.509 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 75 Resp: 265820
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

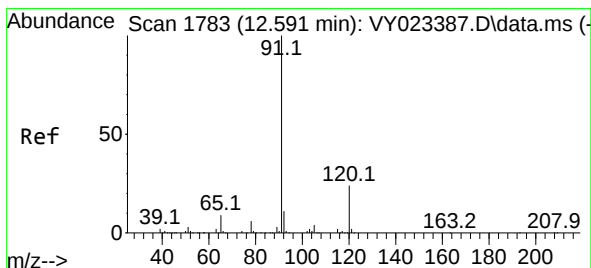
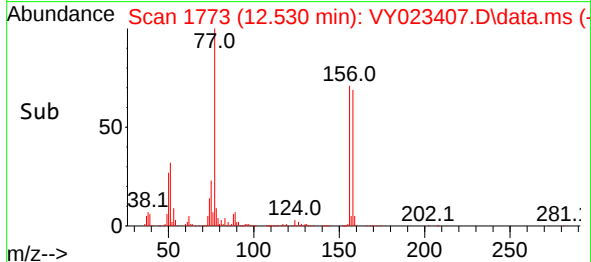
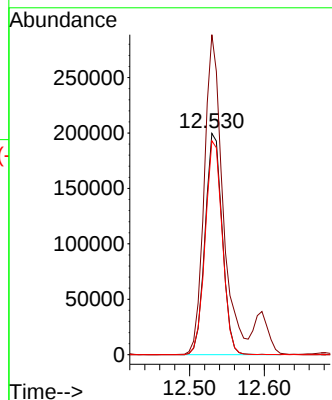
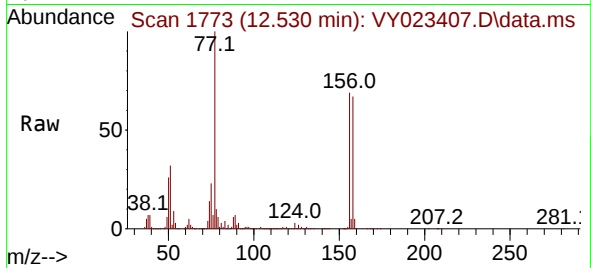




#77
Bromobenzene
Concen: 50.268 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

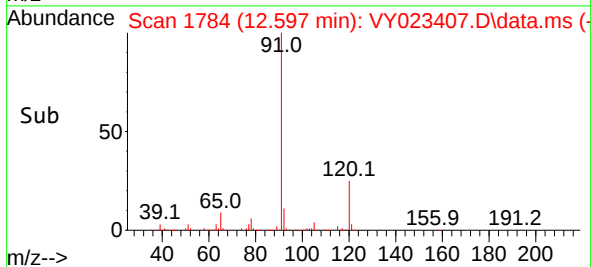
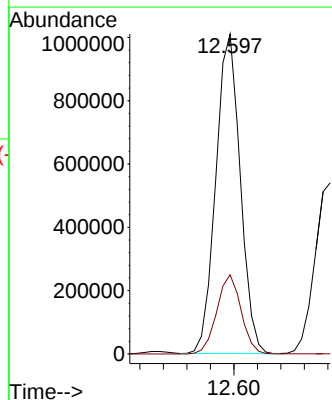
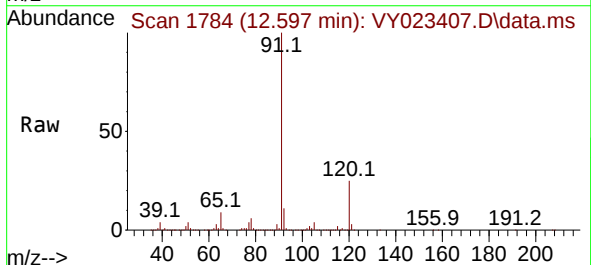
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

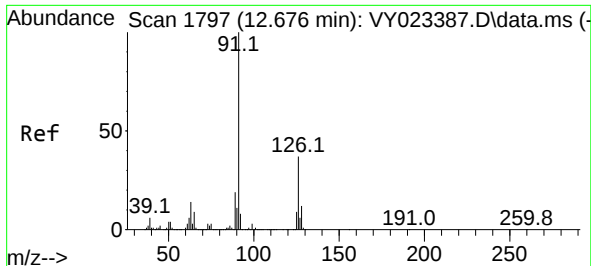
Tgt Ion:156 Resp: 317747
Ion Ratio Lower Upper
156 100
77 156.3 76.8 230.5
158 96.6 49.0 147.2



#78
n-propylbenzene
Concen: 53.022 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 91 Resp: 1458866
Ion Ratio Lower Upper
91 100
120 24.6 12.3 36.8

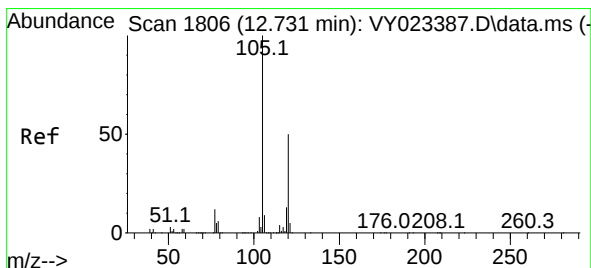
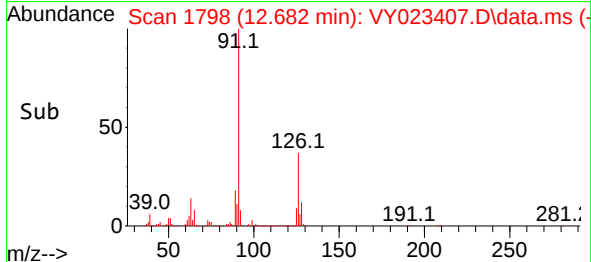
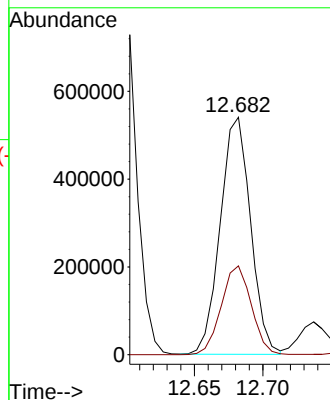
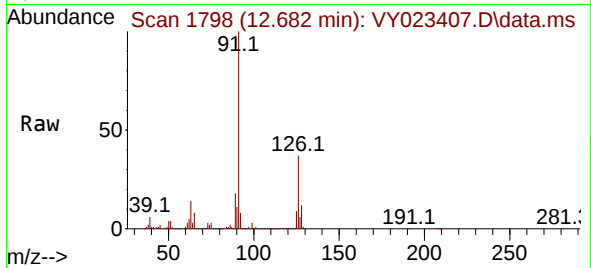




#79
2-Chlorotoluene
Concen: 51.650 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

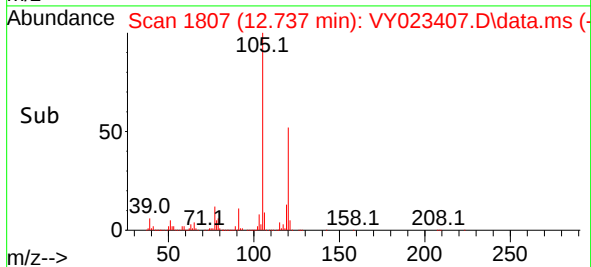
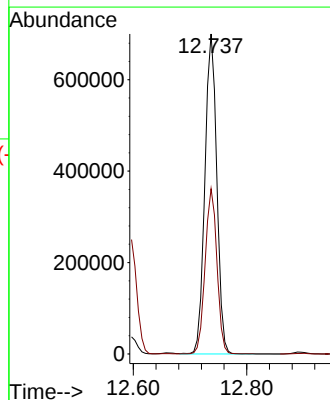
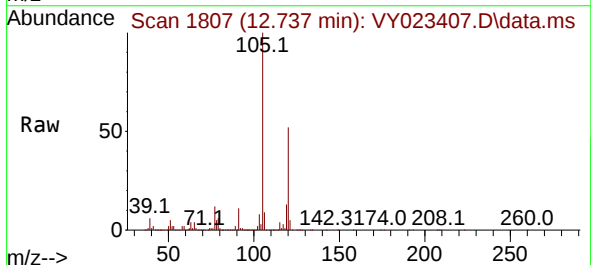
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

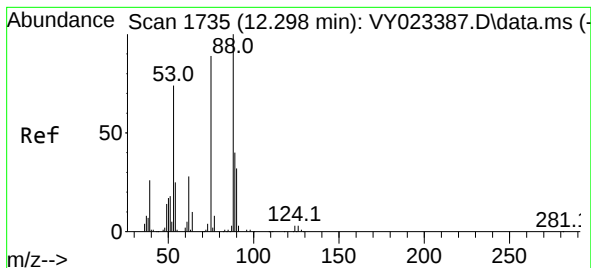
Tgt Ion: 91 Resp: 832200
Ion Ratio Lower Upper
91 100
126 37.2 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 53.093 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 105 Resp: 1020091
Ion Ratio Lower Upper
105 100
120 51.1 25.4 76.4

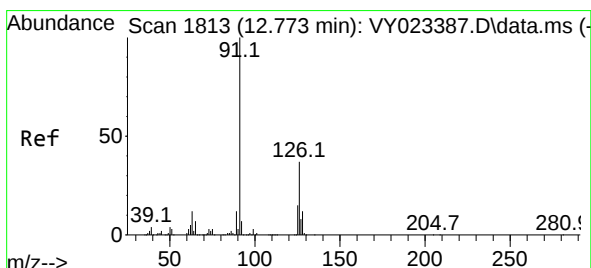
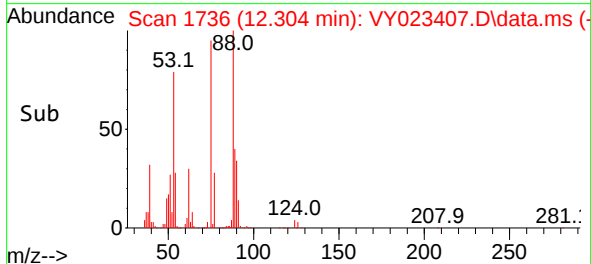
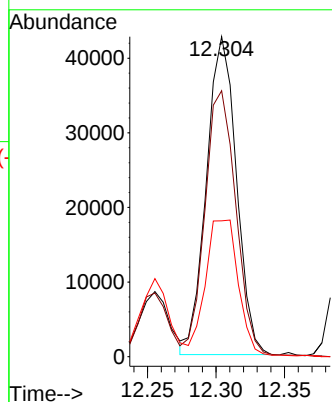
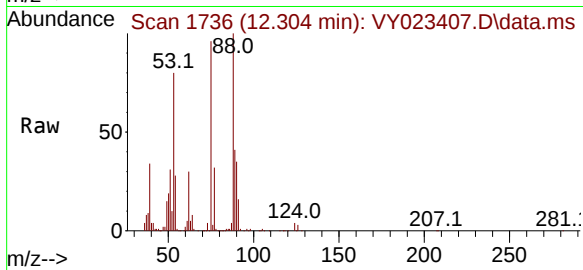




#81
trans-1,4-Dichloro-2-butene
Concen: 49.916 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

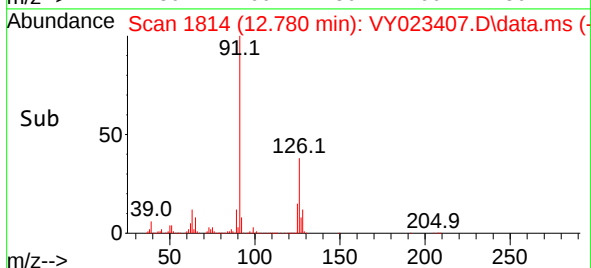
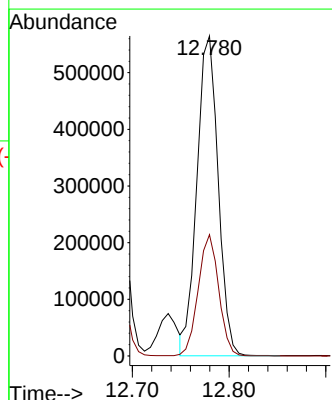
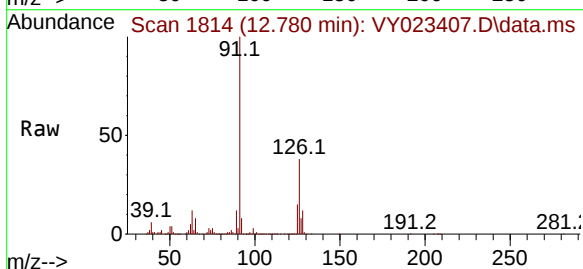
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

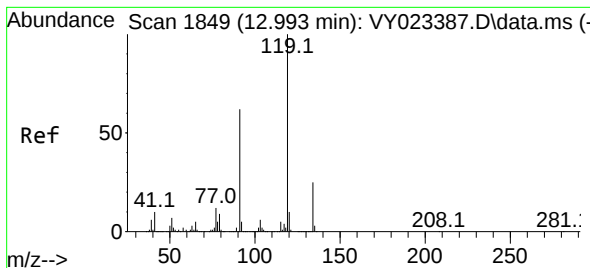
Tgt Ion: 75 Resp: 64795
Ion Ratio Lower Upper
75 100
53 87.4 68.6 102.8
89 47.5 39.0 58.4



#82
4-Chlorotoluene
Concen: 51.889 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 91 Resp: 861031
Ion Ratio Lower Upper
91 100
126 36.9 18.4 55.4





#83

tert-Butylbenzene

Concen: 52.071 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

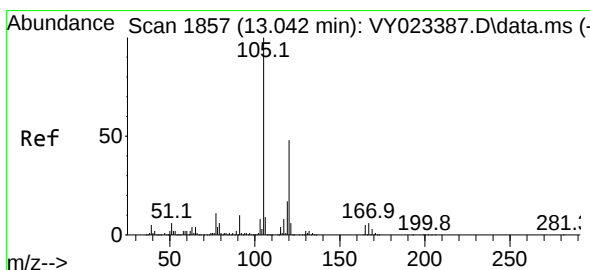
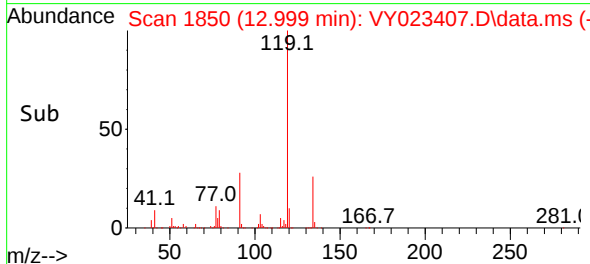
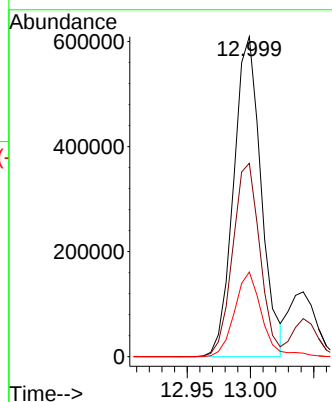
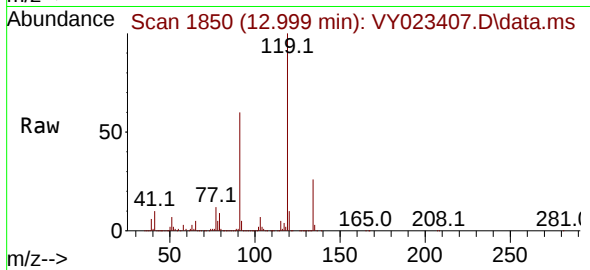
Tgt Ion:119 Resp: 923731

Ion Ratio Lower Upper

119 100

91 59.9 29.9 89.8

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 52.908 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023407.D

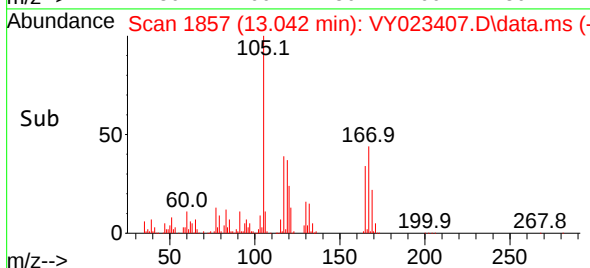
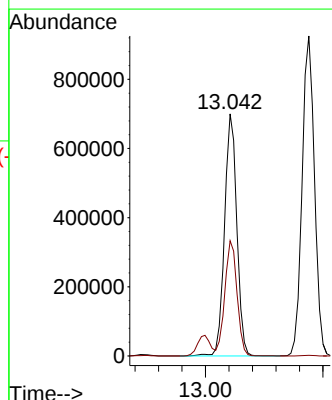
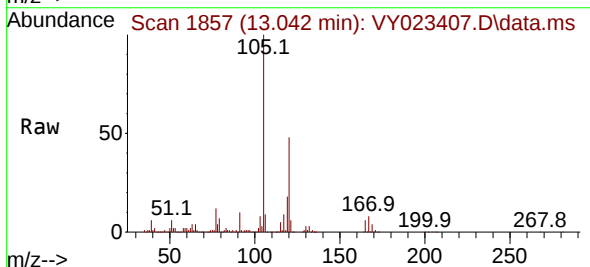
Acq: 09 Oct 2025 08:47

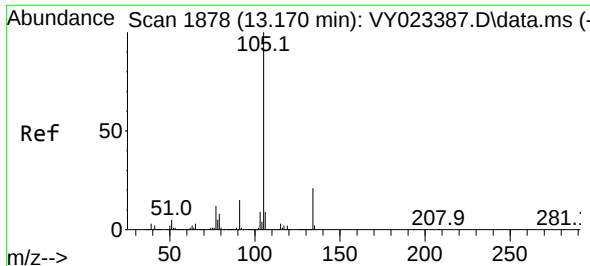
Tgt Ion:105 Resp: 1014495

Ion Ratio Lower Upper

105 100

120 47.1 23.8 71.2

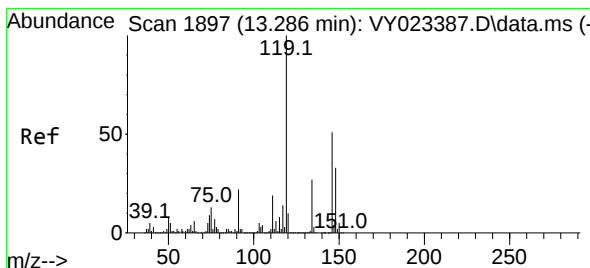
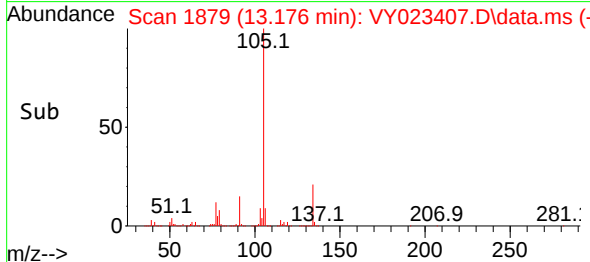
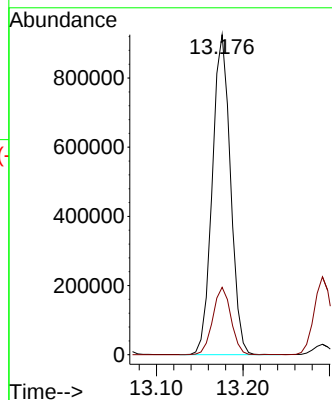
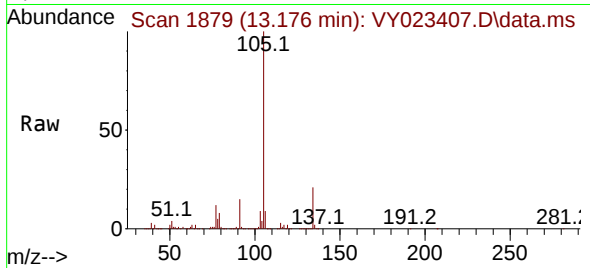




#85
 sec-Butylbenzene
 Concen: 52.950 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023407.D
 Acq: 09 Oct 2025 08:47

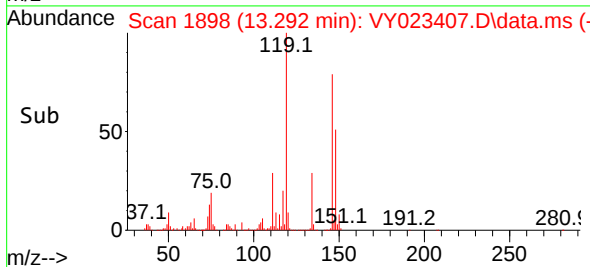
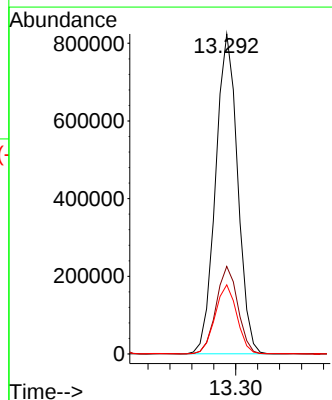
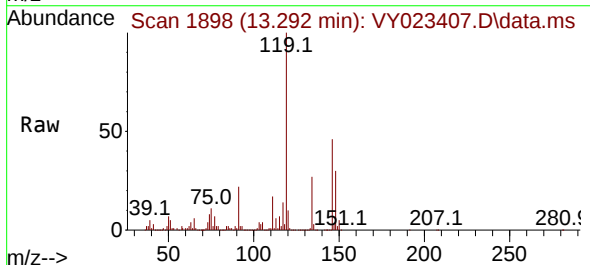
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

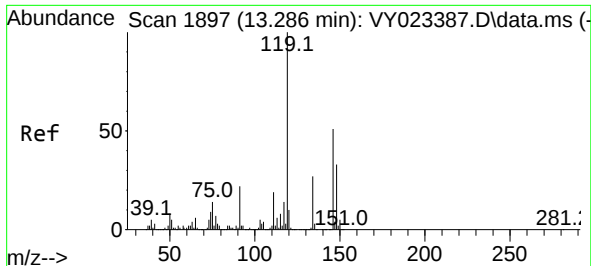
Tgt Ion:105 Resp: 1347428
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 53.120 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023407.D
 Acq: 09 Oct 2025 08:47

Tgt Ion:119 Resp: 1150927
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.4 10.9 32.9

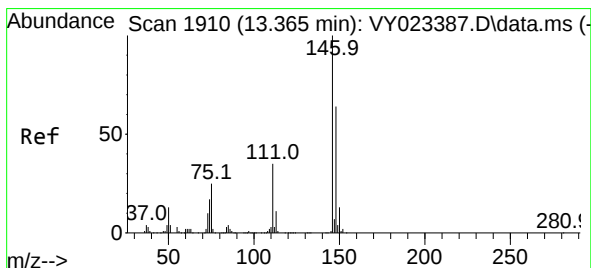
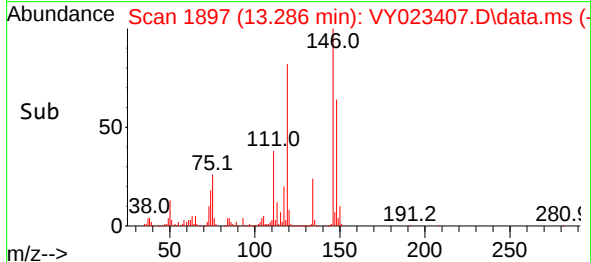
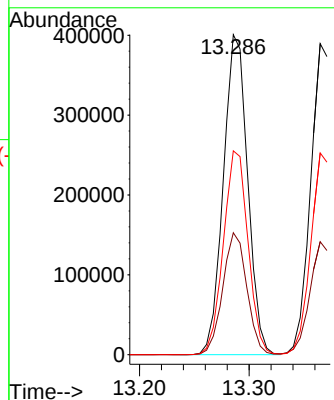
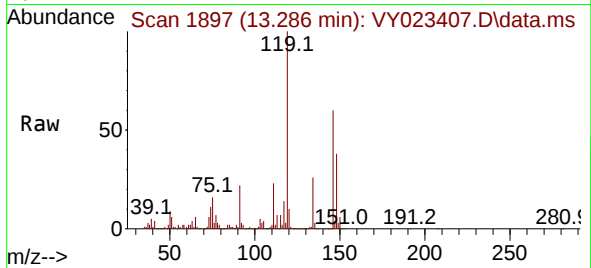




#87
 1,3-Dichlorobenzene
 Concen: 50.135 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023407.D
 Acq: 09 Oct 2025 08:47

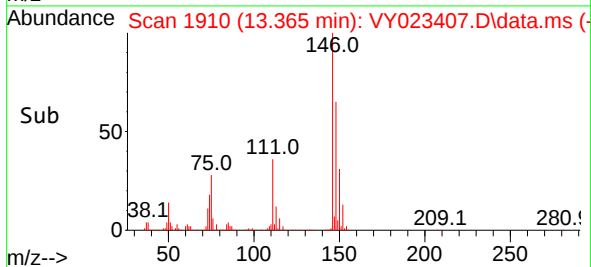
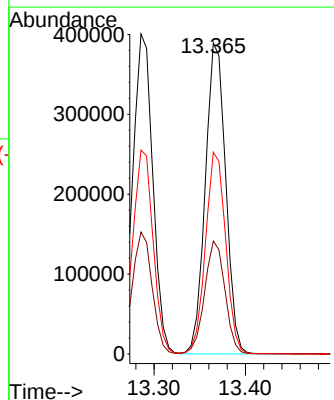
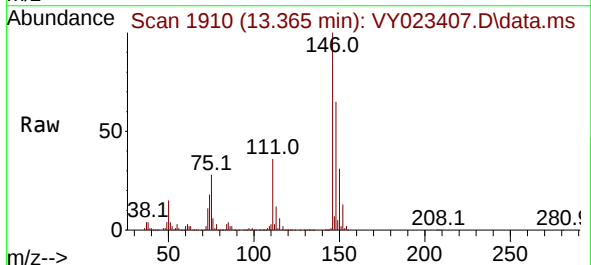
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

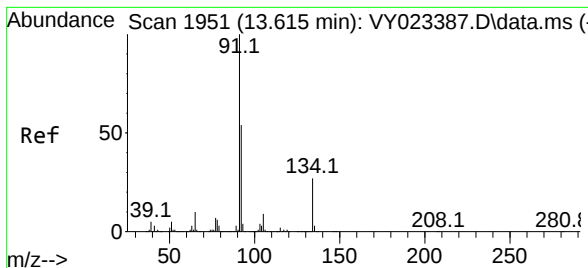
Tgt Ion:146 Resp: 617114
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 64.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.641 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023407.D
 Acq: 09 Oct 2025 08:47

Tgt Ion:146 Resp: 603476
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.0 54.0
 148 64.4 31.9 95.7

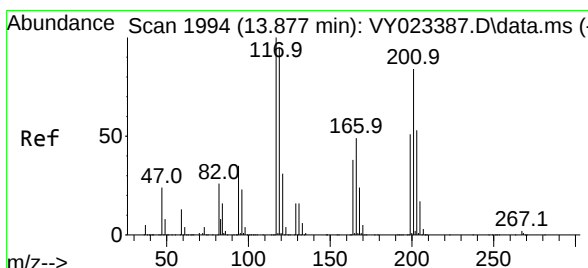
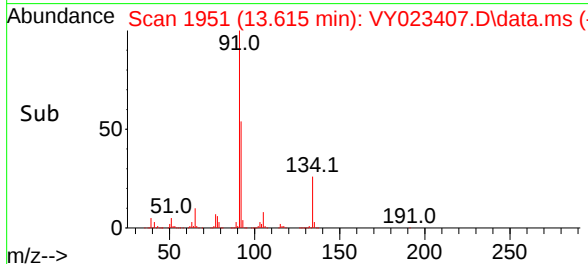
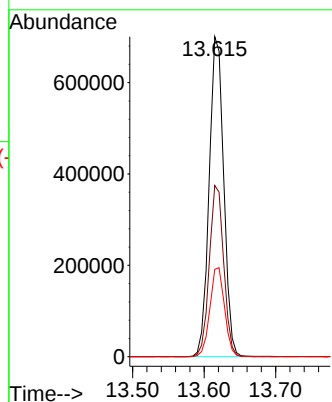
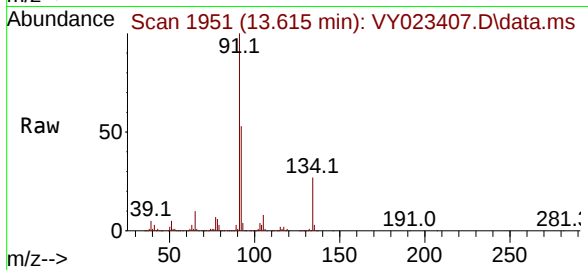




#89
n-Butylbenzene
Concen: 52.515 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

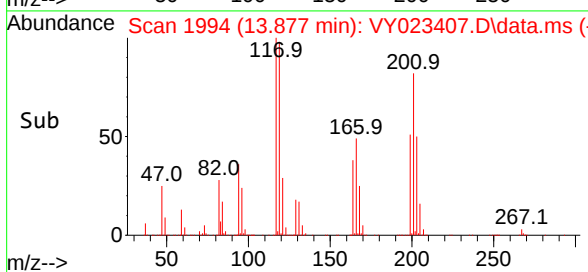
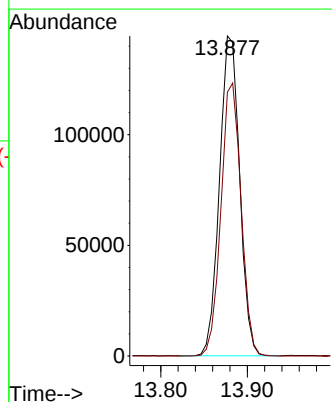
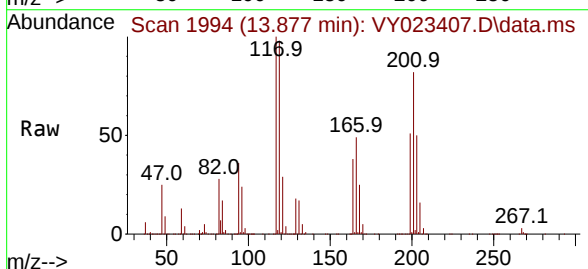
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

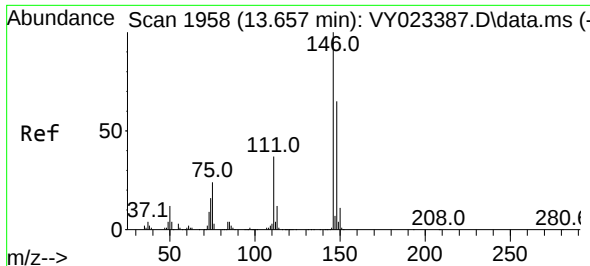
Tgt Ion: 91 Resp: 991424
Ion Ratio Lower Upper
91 100
92 52.9 27.0 80.8
134 28.0 14.1 42.2



#90
Hexachloroethane
Concen: 50.206 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion: 117 Resp: 233963
Ion Ratio Lower Upper
117 100
201 85.0 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 50.554 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

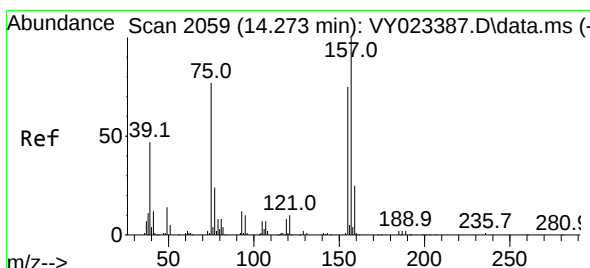
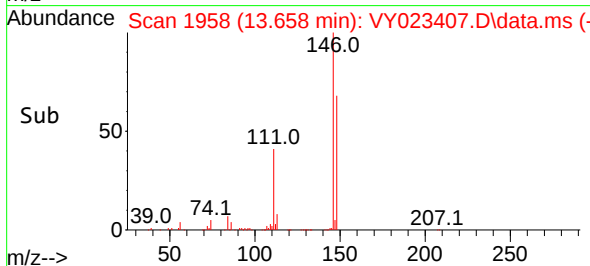
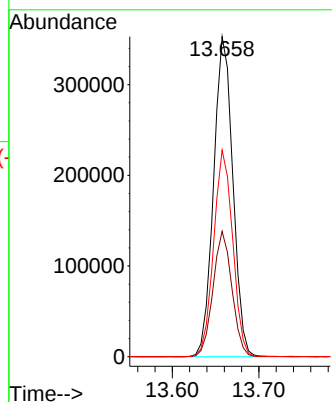
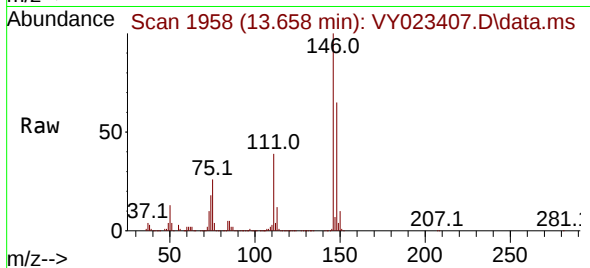
Tgt Ion:146 Resp: 545563

Ion Ratio Lower Upper

146 100

111 38.5 19.0 57.0

148 63.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.006 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

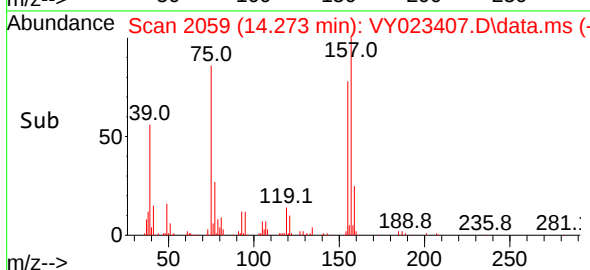
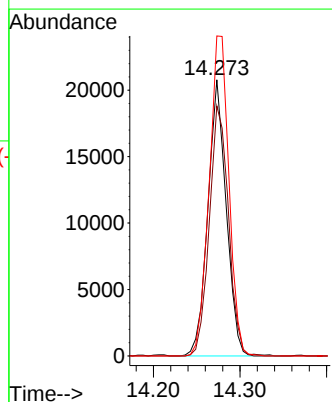
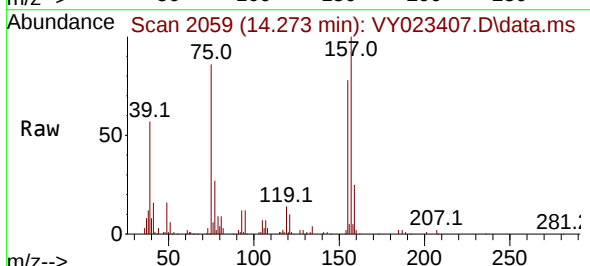
Tgt Ion: 75 Resp: 30632

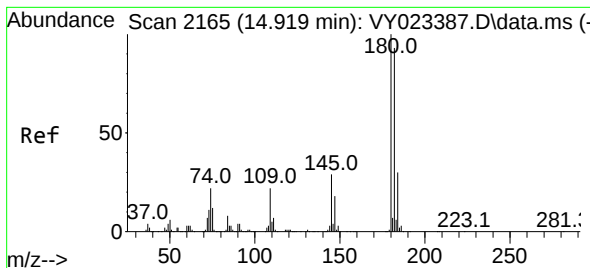
Ion Ratio Lower Upper

75 100

155 94.0 50.0 150.0

157 124.8 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 47.003 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

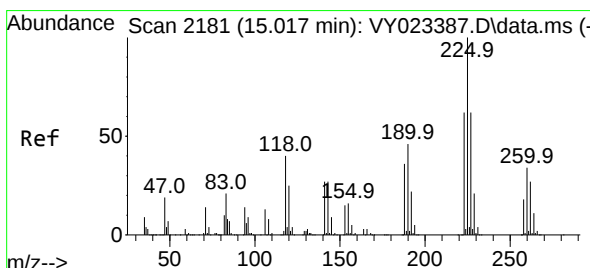
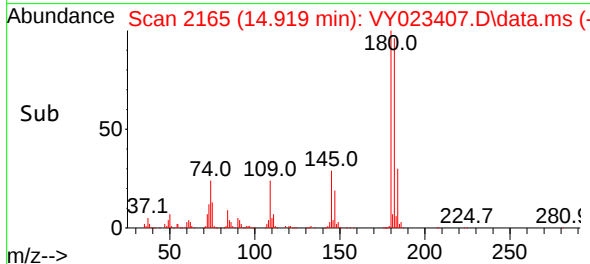
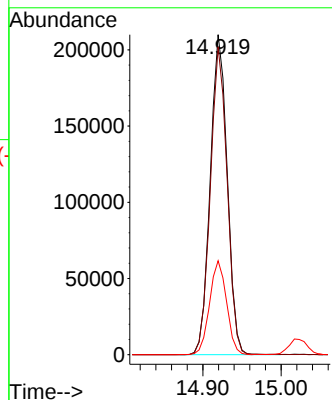
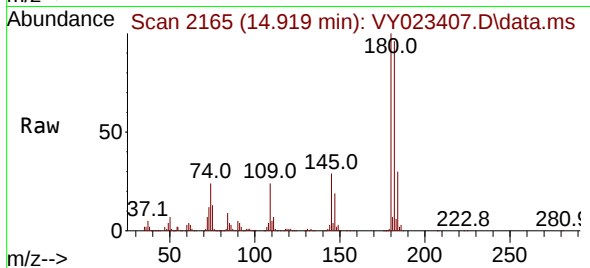
Tgt Ion:180 Resp: 316225

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.6

145 29.3 14.7 44.1



#94

Hexachlorobutadiene

Concen: 47.679 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023407.D

Acq: 09 Oct 2025 08:47

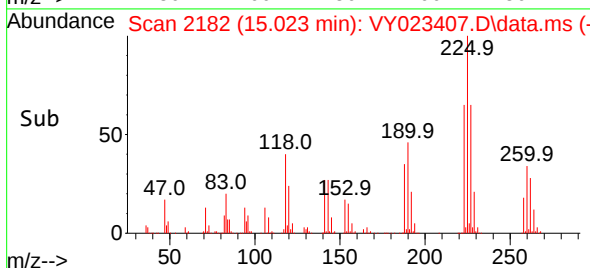
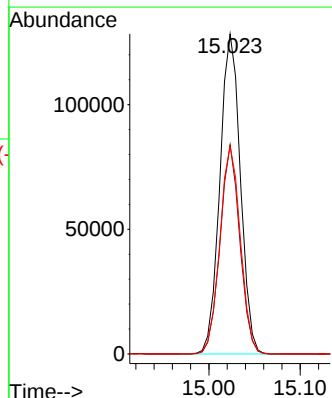
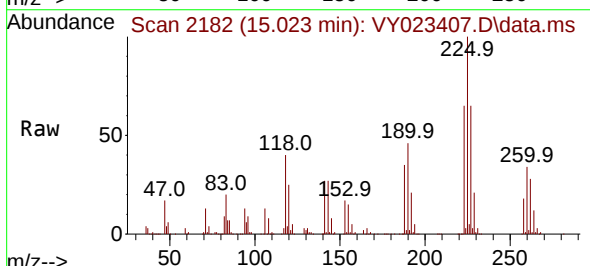
Tgt Ion:225 Resp: 199957

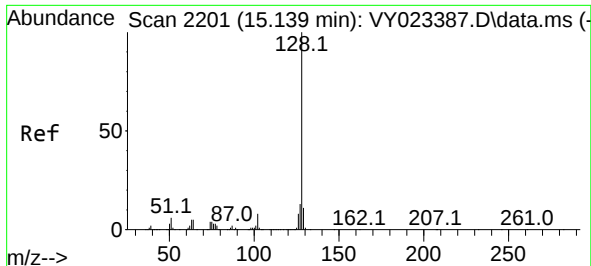
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 65.1 31.9 95.7

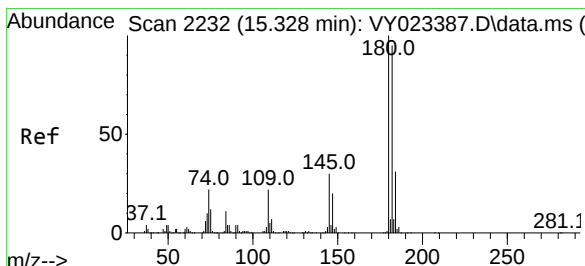
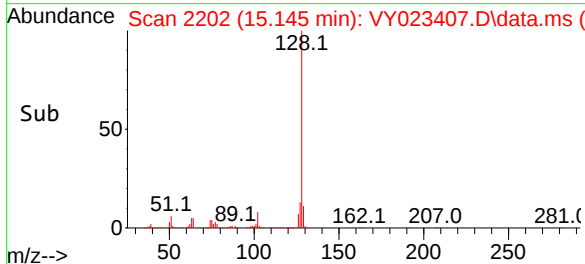
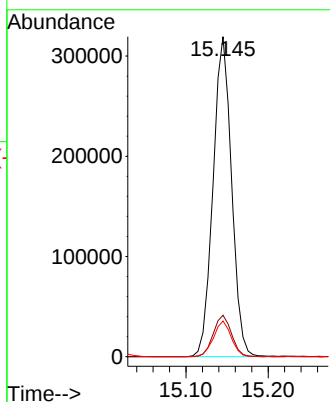
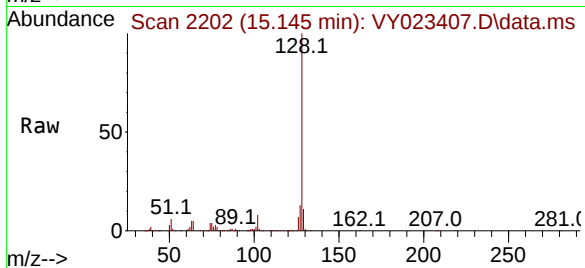




#95
Naphthalene
Concen: 46.618 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 499422
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 46.727 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY023407.D
Acq: 09 Oct 2025 08:47

Tgt Ion:180 Resp: 272296
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.8
145 30.9 15.3 45.9

