

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023727.D
 Acq On : 10 Nov 2025 20:01
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 11 02:12:35 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	542757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	816441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	723857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	373081	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	220901	48.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.340%
35) Dibromofluoromethane	7.640	113	248880	49.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.109	98	940784	50.357	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.720%
62) 4-Bromofluorobenzene	12.408	95	311716	50.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	150126	38.428	ug/l	99
3) Chloromethane	2.074	50	212736	39.973	ug/l	99
4) Vinyl Chloride	2.208	62	286362	41.311	ug/l	99
5) Bromomethane	2.604	94	244833	42.089	ug/l	100
6) Chloroethane	2.745	64	207976	44.015	ug/l	99
7) Trichlorofluoromethane	3.068	101	413643	42.977	ug/l	99
8) Diethyl Ether	3.464	74	125135	49.756	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	241230	48.300	ug/l	99
10) Methyl Iodide	4.013	142	337436	60.689	ug/l	98
11) Tert butyl alcohol	4.866	59	69613	206.171	ug/l	99
12) 1,1-Dichloroethene	3.799	96	239614	49.491	ug/l	97
13) Acrolein	3.659	56	55021	115.323	ug/l	99
14) Allyl chloride	4.391	41	291258	49.362	ug/l	98
15) Acrylonitrile	5.067	53	234857	244.016	ug/l	100
16) Acetone	3.873	43	230783	213.589	ug/l	99
17) Carbon Disulfide	4.116	76	704919	50.871	ug/l	100
18) Methyl Acetate	4.391	43	120153	42.391	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	602805	51.804	ug/l	99
20) Methylene Chloride	4.622	84	273565	46.822	ug/l	99
21) trans-1,2-Dichloroethene	5.128	96	275602	51.704	ug/l	98
22) Diisopropyl ether	6.025	45	679777	52.084	ug/l	97
23) Vinyl Acetate	5.970	43	1803096	255.232	ug/l	99
24) 1,1-Dichloroethane	5.921	63	438499	50.720	ug/l	98
25) 2-Butanone	6.896	43	294646	223.366	ug/l	99
26) 2,2-Dichloropropane	6.890	77	389493	49.098	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	330458	53.670	ug/l	96
28) Bromochloromethane	7.250	49	162128	50.233	ug/l	99
29) Tetrahydrofuran	7.262	42	175796	235.011	ug/l	97
30) Chloroform	7.427	83	490492	51.638	ug/l	99
31) Cyclohexane	7.707	56	363491	48.144	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	435547	50.456	ug/l	99
36) 1,1-Dichloropropene	7.841	75	337235	50.777	ug/l	99
37) Ethyl Acetate	6.994	43	129454	49.200	ug/l	98
38) Carbon Tetrachloride	7.823	117	394227	48.953	ug/l	99
39) Methylcyclohexane	9.109	83	442030	51.117	ug/l	97
40) Benzene	8.085	78	1073573	51.042	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	72664	51.062	ug/l #	88
42) 1,2-Dichloroethane	8.158	62	265202	48.890	ug/l	98
43) Isopropyl Acetate	8.201	43	251354	47.908	ug/l #	85
44) Trichloroethene	8.872	130	309982	50.353	ug/l	99
45) 1,2-Dichloropropane	9.146	63	240260	51.716	ug/l	100
46) Dibromomethane	9.237	93	147642	50.259	ug/l	98
47) Bromodichloromethane	9.426	83	374332	50.595	ug/l	99
48) Methyl methacrylate	9.225	41	117983	47.867	ug/l	98
49) 1,4-Dioxane	9.231	88	30112	884.098	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	655792	241.922	ug/l	98
52) Toluene	10.170	92	715363	52.383	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	328212	51.019	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	393549	51.833	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	200699	50.805	ug/l	98
56) Ethyl methacrylate	10.438	69	241085	52.907	ug/l	98
57) 1,3-Dichloropropane	10.719	76	320948	51.271	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	524088	256.739	ug/l	100
59) 2-Hexanone	10.762	43	451360	232.993	ug/l	98
60) Dibromochloromethane	10.914	129	280664	50.675	ug/l	100
61) 1,2-Dibromoethane	11.018	107	190419	50.543	ug/l	100
64) Tetrachloroethene	10.646	164	390665	52.269	ug/l	98
65) Chlorobenzene	11.444	112	796366	50.584	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	282260	50.311	ug/l	99
67) Ethyl Benzene	11.518	91	1338380	52.518	ug/l	100
68) m/p-Xylenes	11.627	106	1077123	105.378	ug/l	99
69) o-Xylene	11.956	106	508134	53.000	ug/l	99
70) Styrene	11.969	104	839426	53.242	ug/l	100
71) Bromoform	12.133	173	168810	48.508	ug/l #	99
73) Isopropylbenzene	12.255	105	1300577	52.898	ug/l	100
74) N-amyl acetate	12.072	43	210461	47.658	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	194679	48.412	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	263701	80.114	ug/l #	100
77) Bromobenzene	12.530	156	329827	50.460	ug/l	99
78) n-propylbenzene	12.597	91	1516866	53.314	ug/l	100
79) 2-Chlorotoluene	12.682	91	858863	51.549	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1057819	53.243	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	64932	48.374	ug/l	99
82) 4-Chlorotoluene	12.779	91	891991	51.984	ug/l	99
83) tert-Butylbenzene	12.999	119	952311	51.914	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1057179	53.318	ug/l	99
85) sec-Butylbenzene	13.176	105	1375532	52.273	ug/l	99
86) p-Isopropyltoluene	13.292	119	1179080	52.627	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	634100	49.818	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	619142	49.252	ug/l	100
89) n-Butylbenzene	13.615	91	1016155	52.052	ug/l	99
90) Hexachloroethane	13.883	117	239912	49.787	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	556200	49.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	27956	42.369	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	321260	46.179	ug/l	98
94) Hexachlorobutadiene	15.023	225	198116	45.684	ug/l	98
95) Naphthalene	15.145	128	508226	45.877	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	270538	44.896	ug/l	100

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

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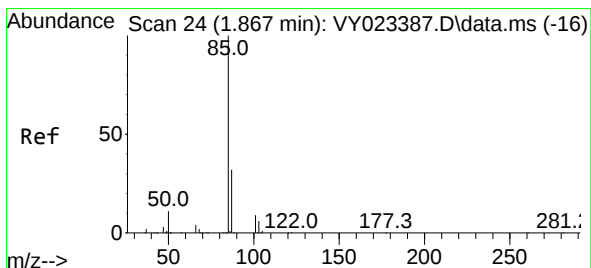
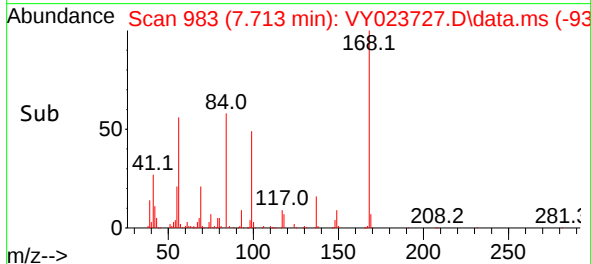
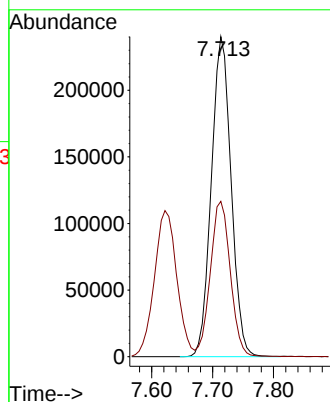
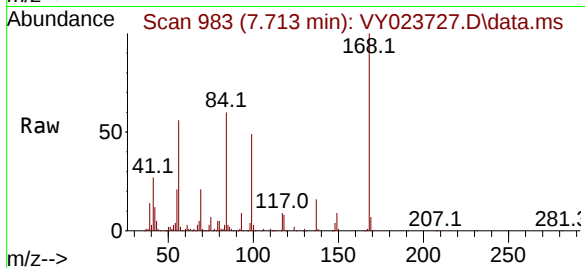




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023727.D
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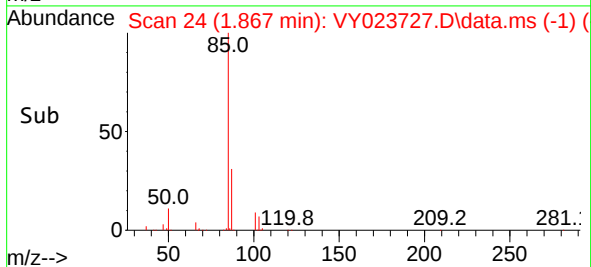
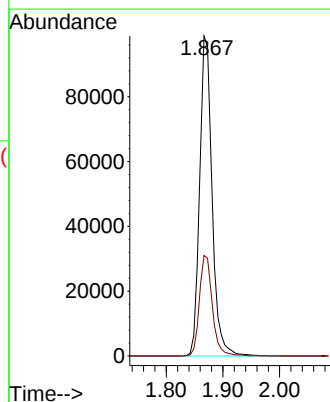
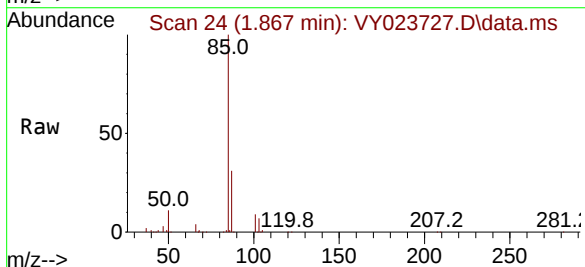
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 542757
Ion Ratio Lower Upper
168 100
99 48.5 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 38.428 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 85 Resp: 150126
Ion Ratio Lower Upper
85 100
87 31.4 16.0 47.9

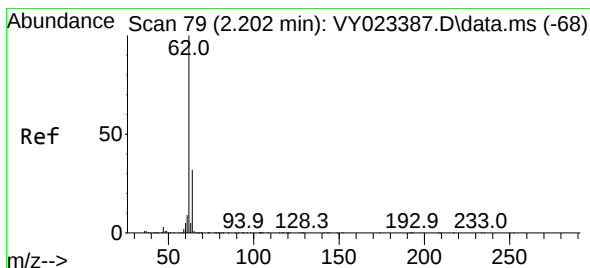
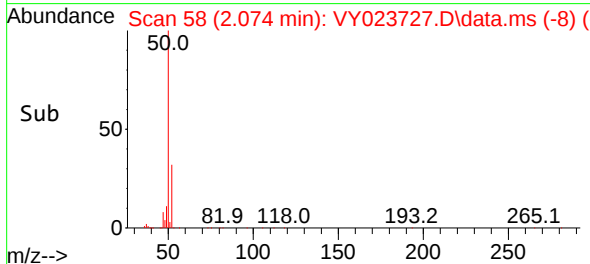
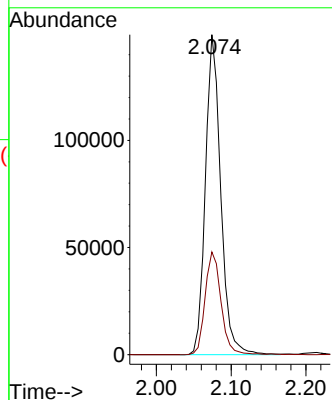
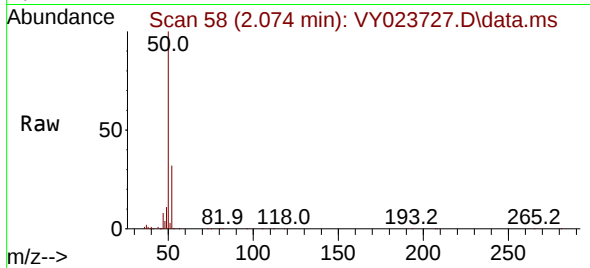




#3
Chloromethane
Concen: 39.973 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

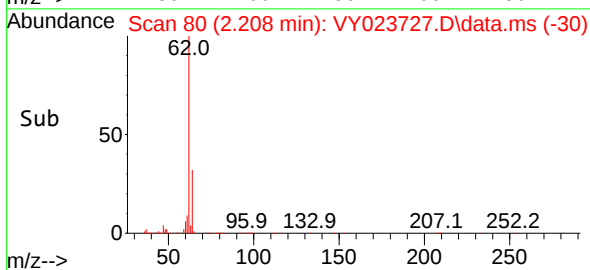
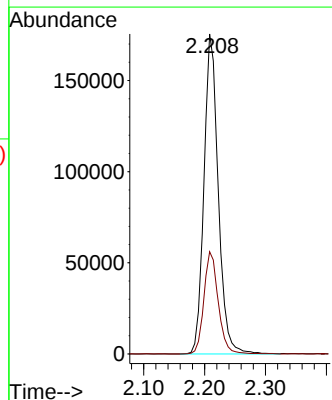
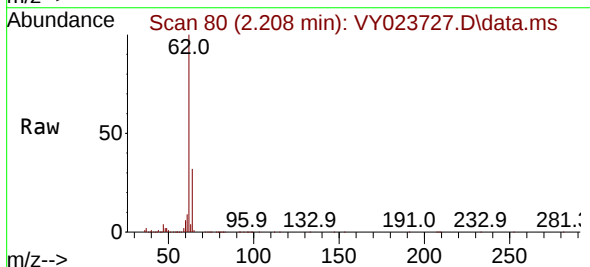
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ClientSampleId :
VSTDCCC050EC

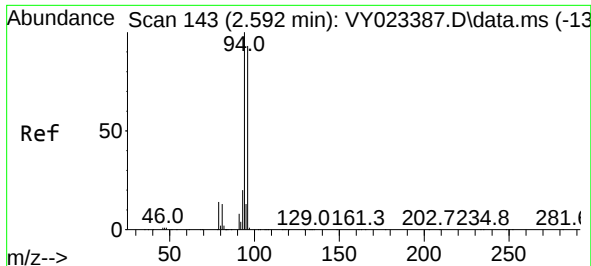
Tgt Ion: 50 Resp: 212736
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.2



#4
Vinyl Chloride
Concen: 41.311 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 62 Resp: 286362
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.8

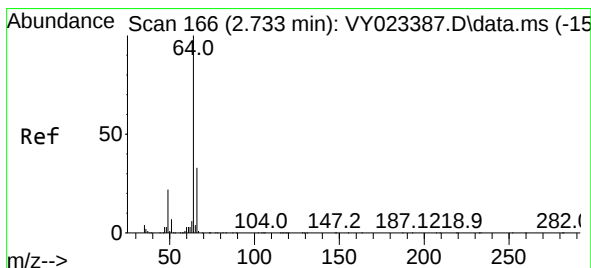
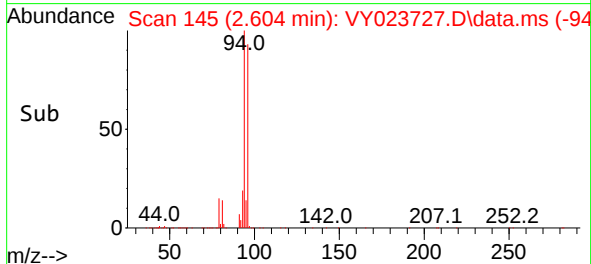
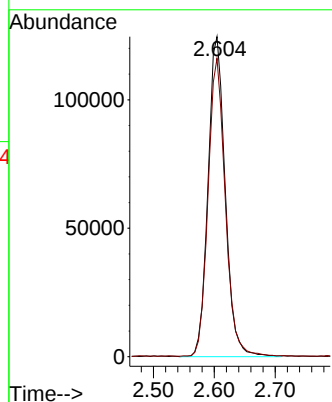
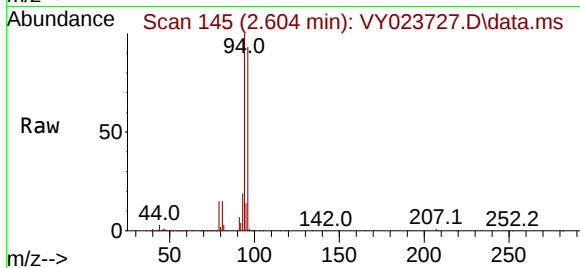




#5
Bromomethane
Concen: 42.089 ug/l
RT: 2.604 min Scan# 143
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

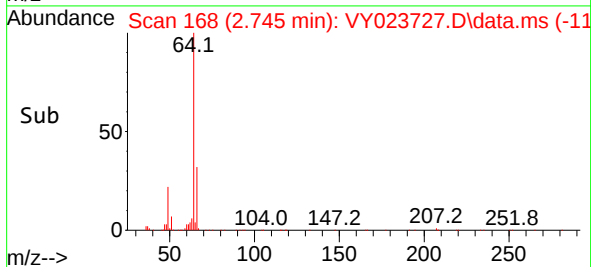
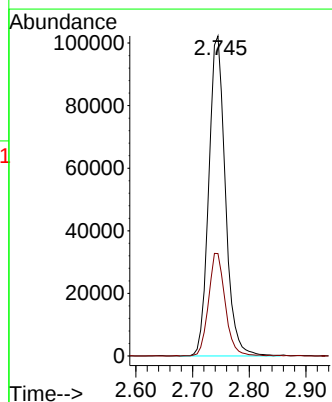
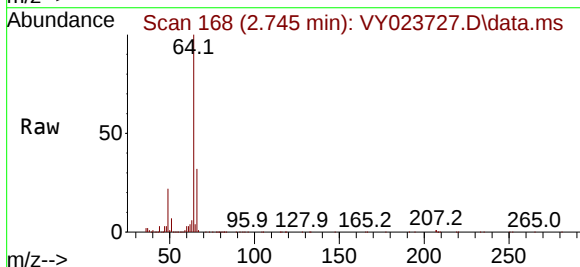
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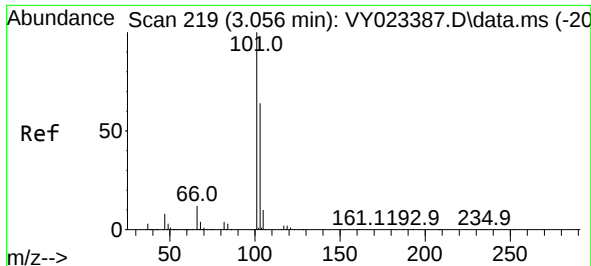
Tgt Ion: 94 Resp: 244833
Ion Ratio Lower Upper
94 100
96 93.1 74.5 111.7



#6
Chloroethane
Concen: 44.015 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 64 Resp: 207976
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.4

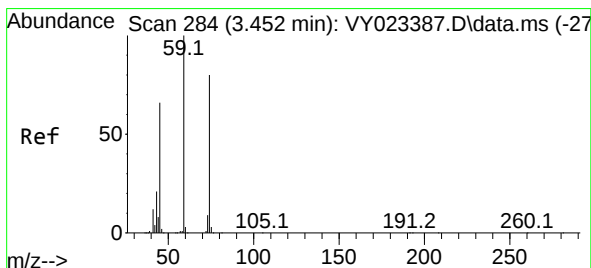
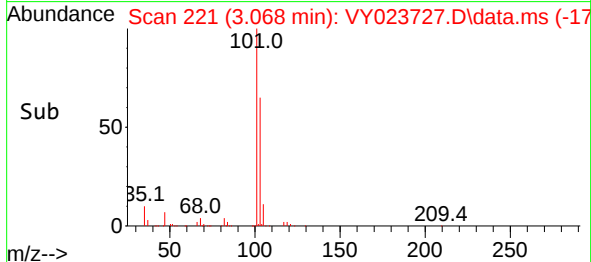
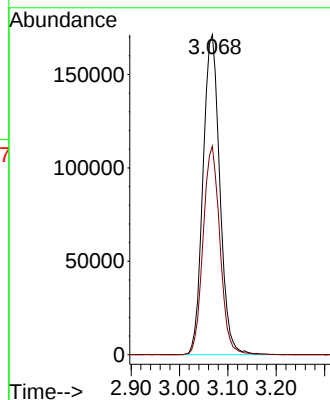
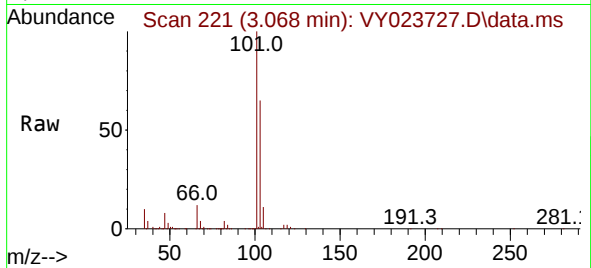




#7
Trichlorofluoromethane
Concen: 42.977 ug/l
RT: 3.068 min Scan# 219
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

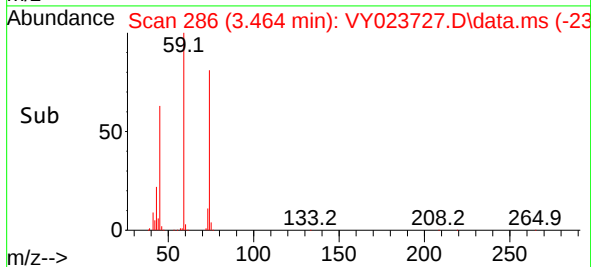
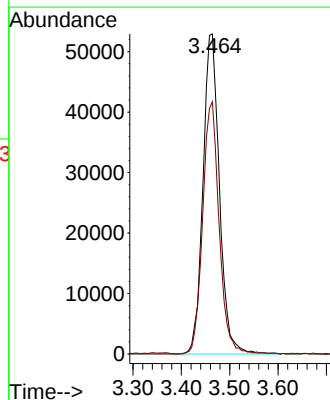
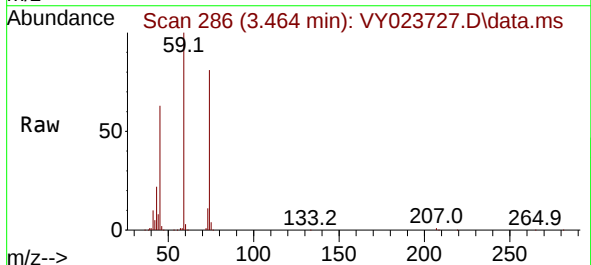
Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 413643
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9



#8
Diethyl Ether
Concen: 49.756 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 74 Resp: 125135
Ion Ratio Lower Upper
74 100
45 78.7 39.9 119.7

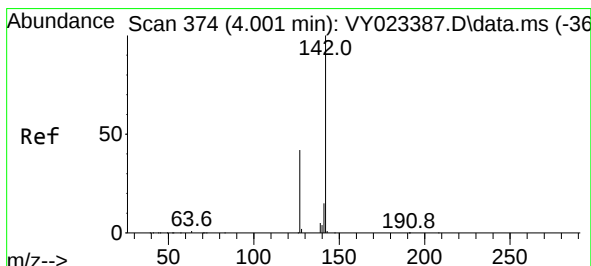
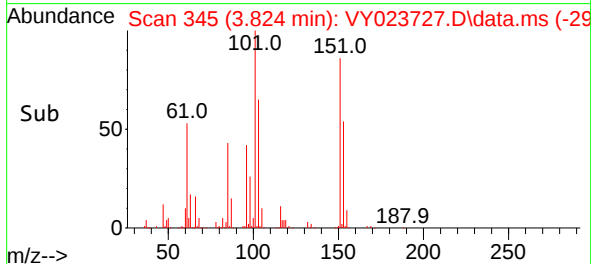
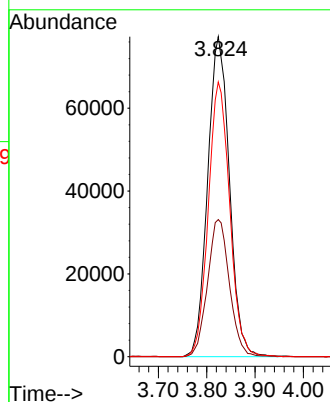
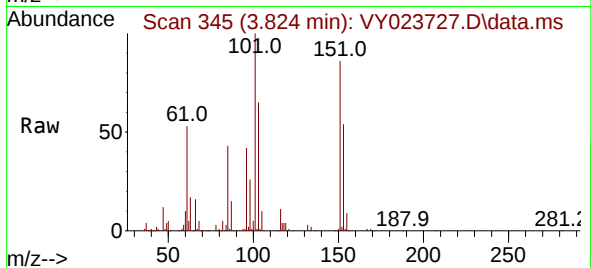




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.300 ug/l
RT: 3.824 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

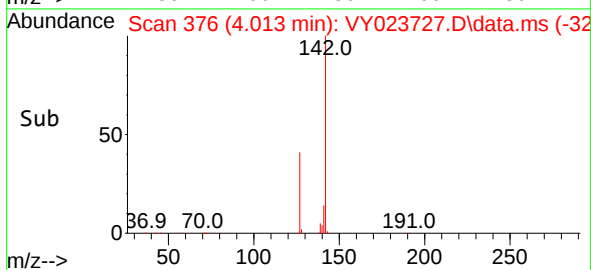
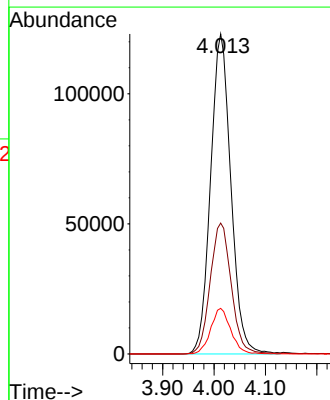
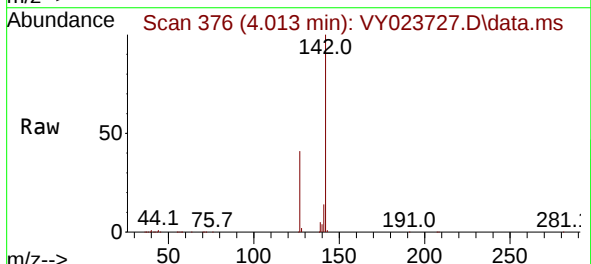
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Tgt Ion:101 Resp: 241230
Ion Ratio Lower Upper
101 100
85 43.3 34.6 51.8
151 84.6 67.0 100.6



#10
Methyl Iodide
Concen: 60.689 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion:142 Resp: 337436
Ion Ratio Lower Upper
142 100
127 42.4 34.8 52.2
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 206.171 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

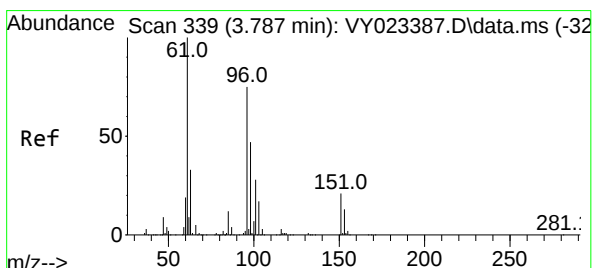
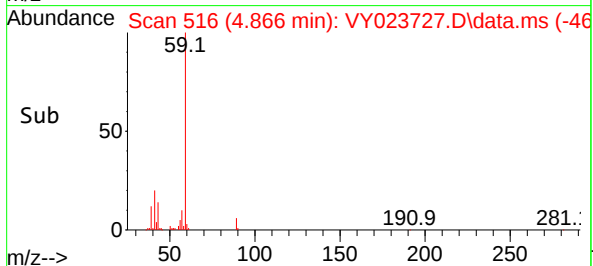
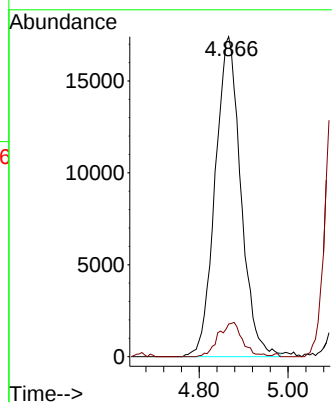
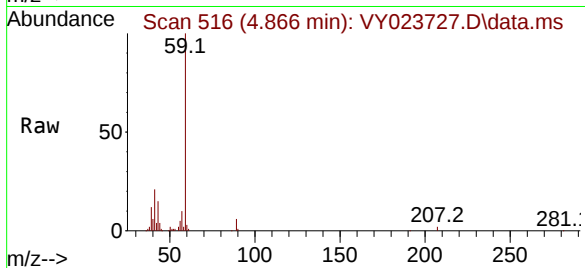
VSTDCCC050EC

Tgt Ion: 59 Resp: 69613

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#12

1,1-Dichloroethene

Concen: 49.491 ug/l

RT: 3.799 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

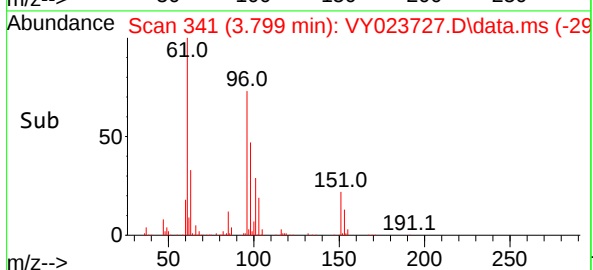
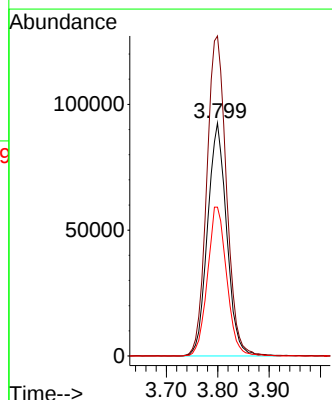
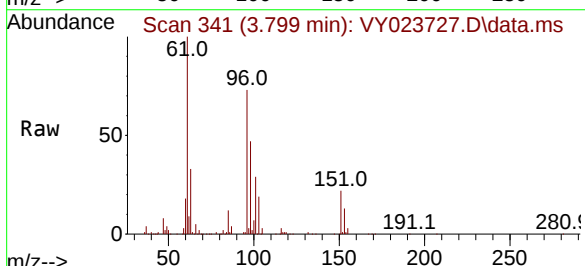
Tgt Ion: 96 Resp: 239614

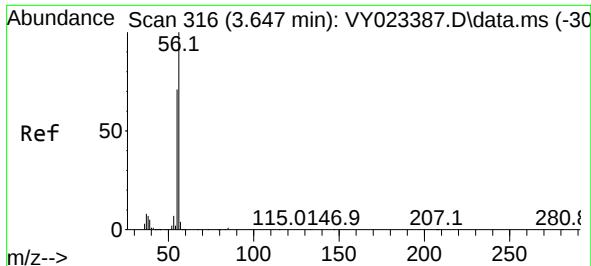
Ion Ratio Lower Upper

96 100

61 137.4 106.7 160.1

98 63.9 50.2 75.4

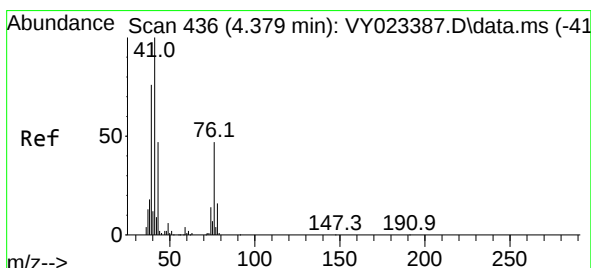
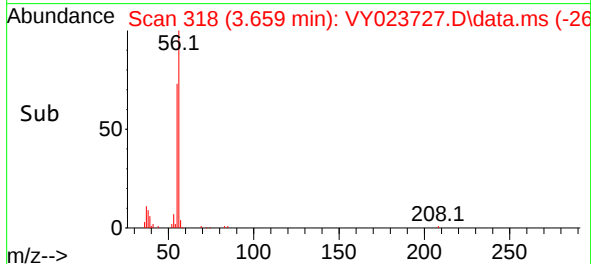
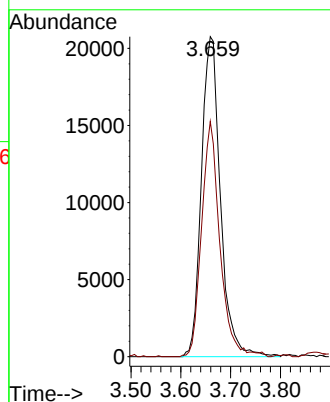
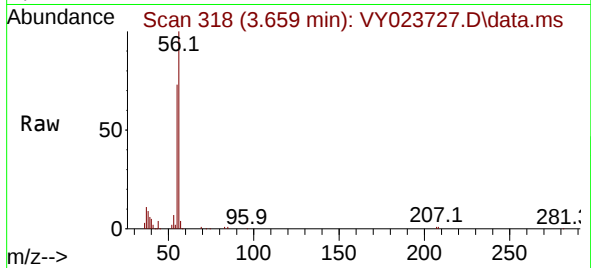




#13
Acrolein
Concen: 115.323 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

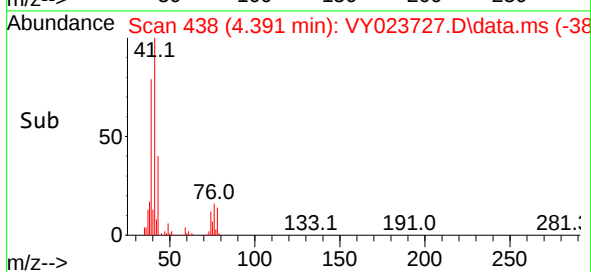
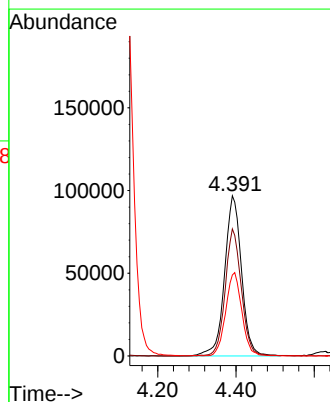
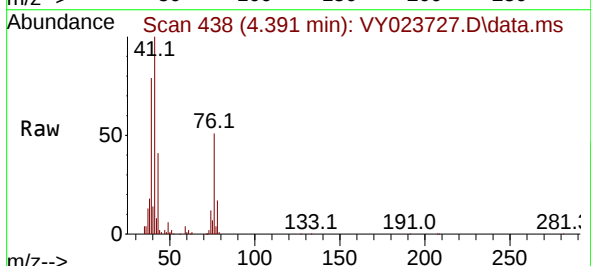
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

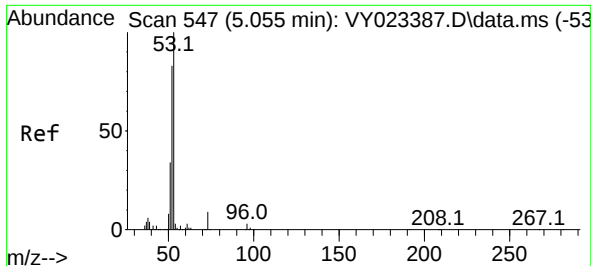
Tgt Ion: 56 Resp: 55021
Ion Ratio Lower Upper
56 100
55 70.6 56.1 84.1



#14
Allyl chloride
Concen: 49.362 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 41 Resp: 291258
Ion Ratio Lower Upper
41 100
39 75.9 59.9 89.9
76 49.2 38.0 57.0

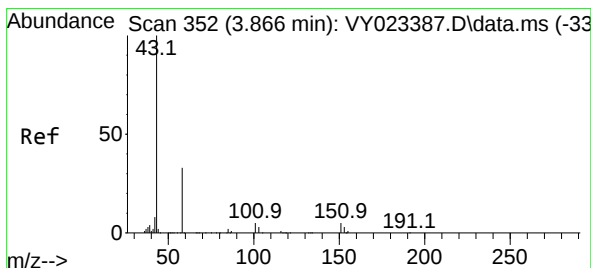
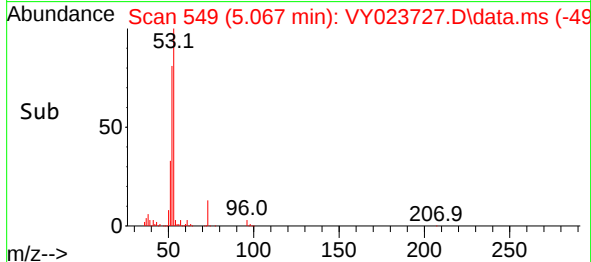
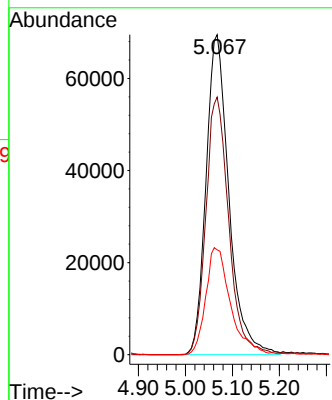
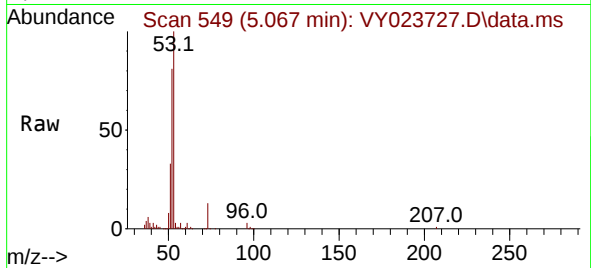




#15
Acrylonitrile
Concen: 244.016 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

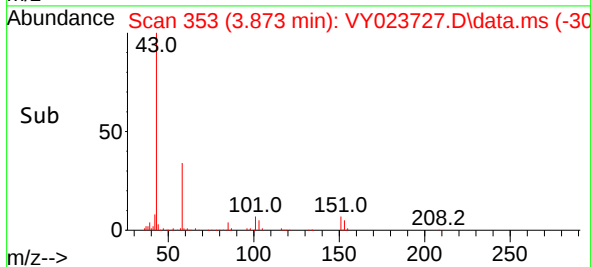
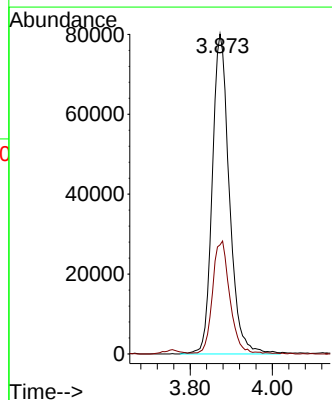
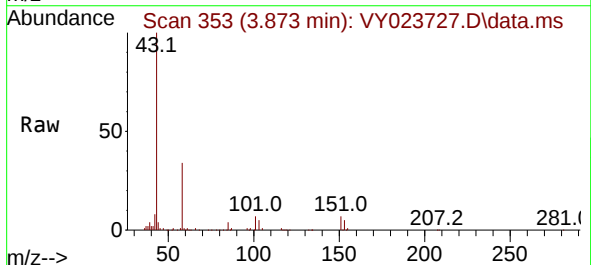
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC0050EC

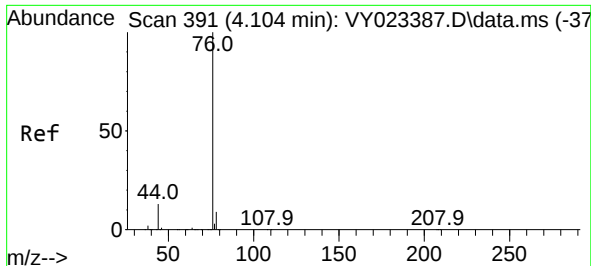
Tgt Ion: 53 Resp: 234857
Ion Ratio Lower Upper
53 100
52 80.8 64.6 97.0
51 36.4 29.5 44.3



#16
Acetone
Concen: 213.589 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 43 Resp: 230783
Ion Ratio Lower Upper
43 100
58 33.9 27.7 41.5

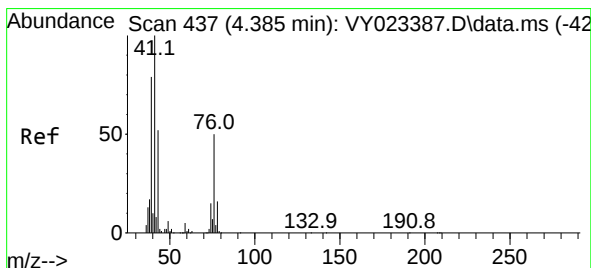
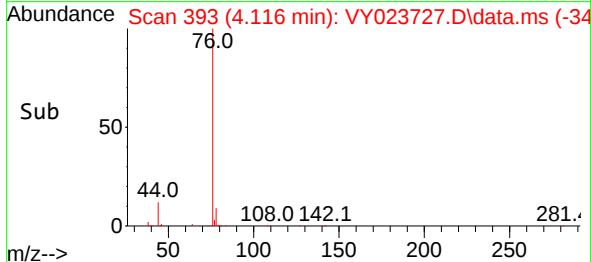
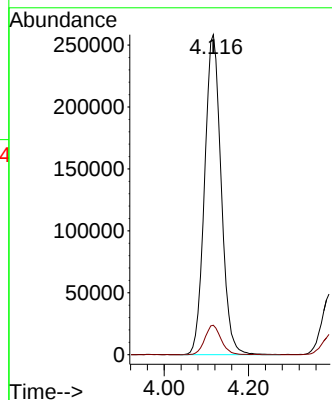
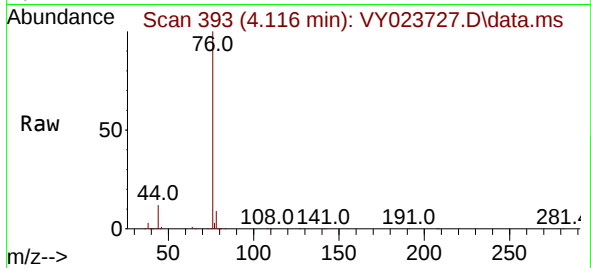




#17
Carbon Disulfide
Concen: 50.871 ug/l
RT: 4.116 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

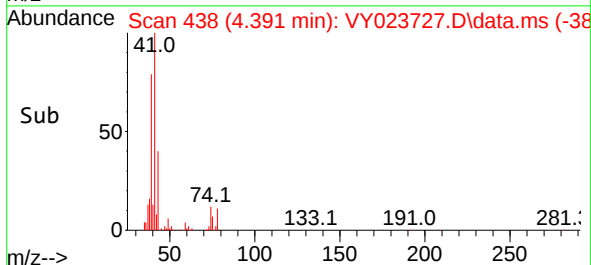
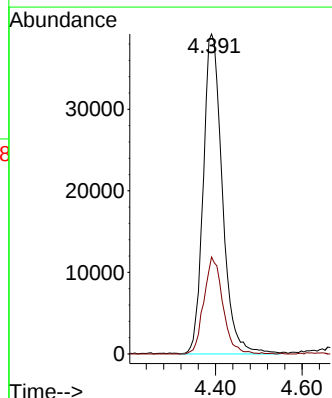
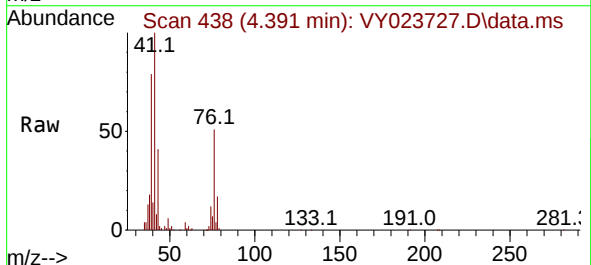
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

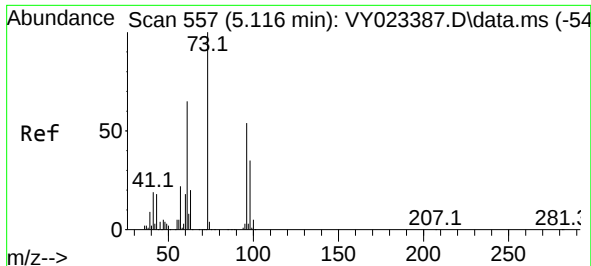
Tgt Ion: 76 Resp: 704919
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 42.391 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 43 Resp: 120153
Ion Ratio Lower Upper
43 100
74 30.0 24.2 36.4

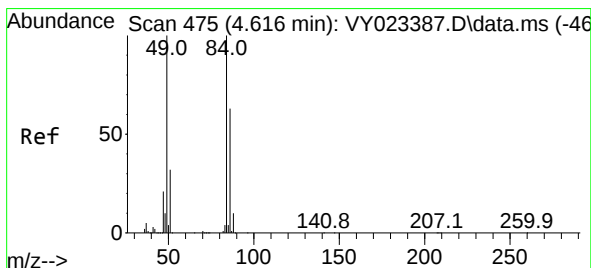
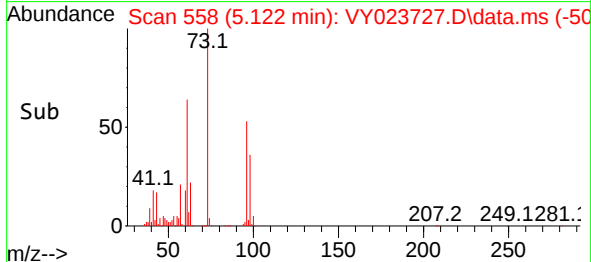
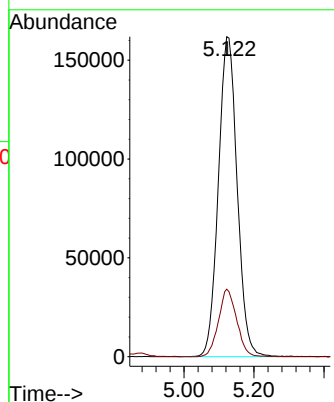
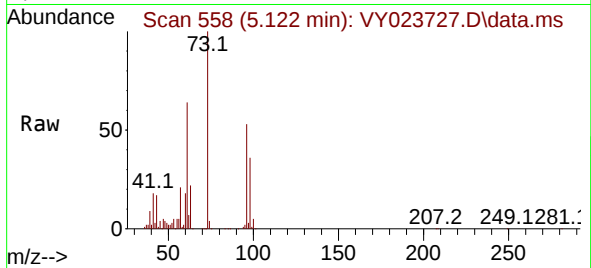




#19
Methyl tert-butyl Ether
Concen: 51.804 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

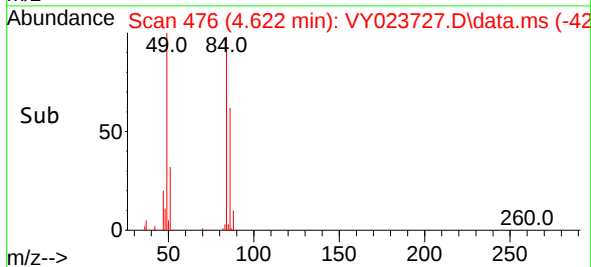
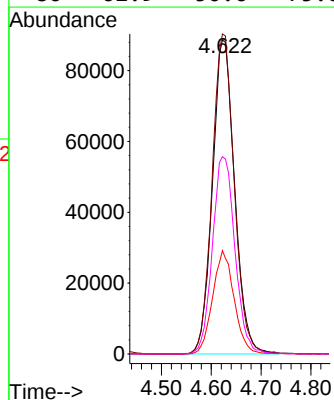
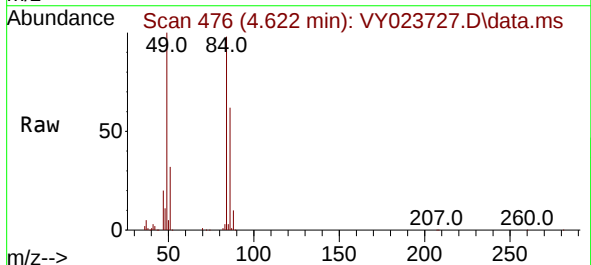
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

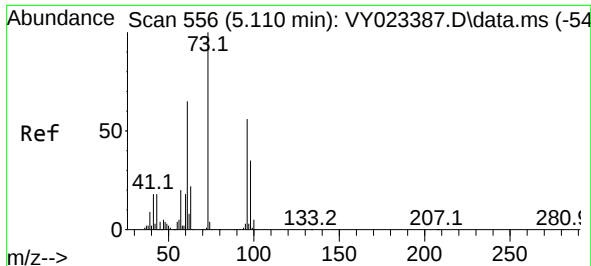
Tgt Ion: 73 Resp: 602805
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 46.822 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 84 Resp: 273565
Ion Ratio Lower Upper
84 100
49 101.9 80.2 120.4
51 32.9 25.9 38.9
86 62.9 50.6 75.8

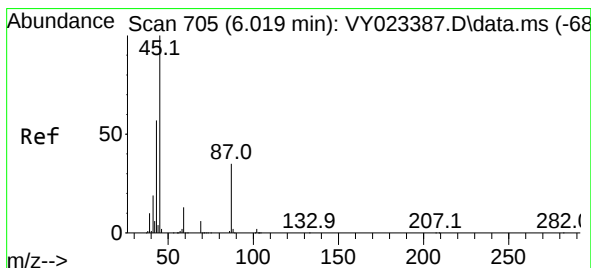
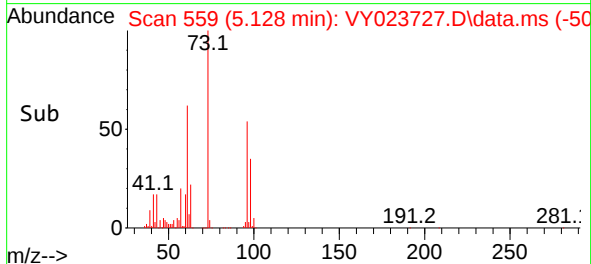
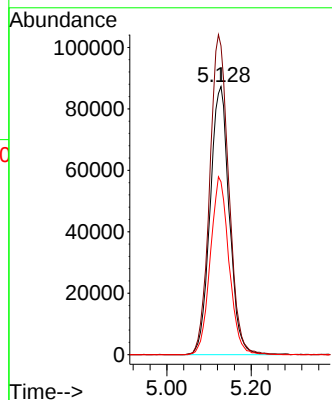
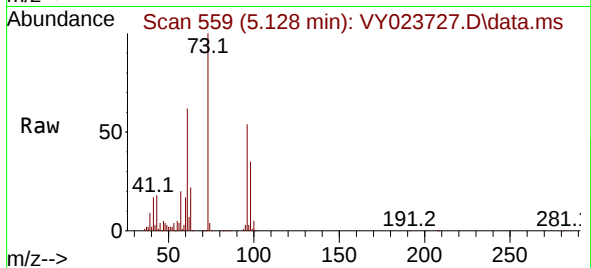




#21
trans-1,2-Dichloroethene
Concen: 51.704 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

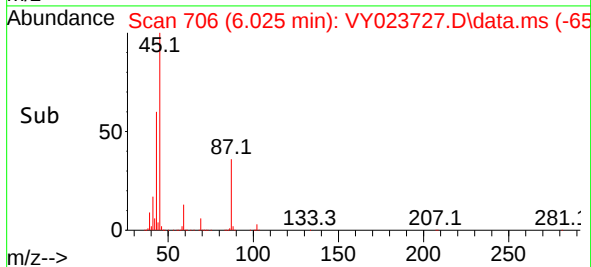
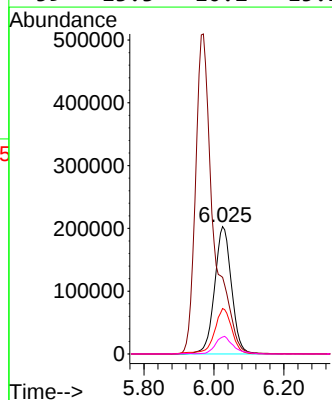
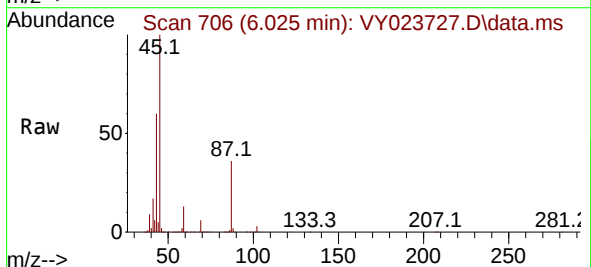
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 275602
Ion Ratio Lower Upper
96 100
61 115.1 92.7 139.1
98 64.4 49.7 74.5



#22
Diisopropyl ether
Concen: 52.084 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 45 Resp: 679777
Ion Ratio Lower Upper
45 100
43 59.9 45.6 68.4
87 35.6 28.1 42.1
59 13.3 10.2 15.2

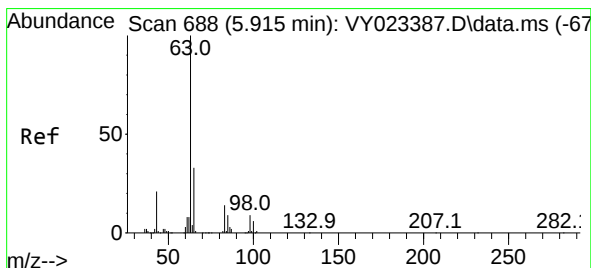
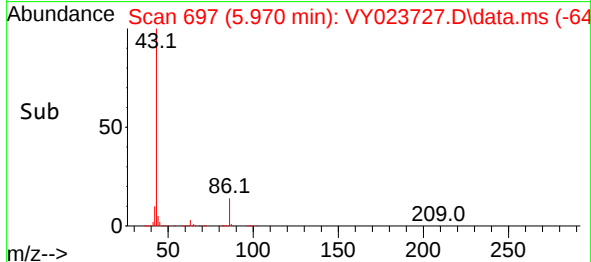
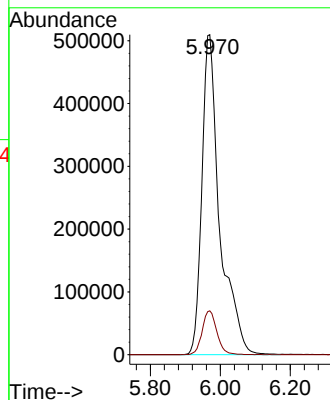
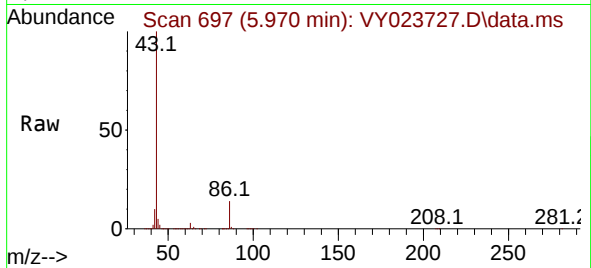




#23
 Vinyl Acetate
 Concen: 255.232 ug/l
 RT: 5.970 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY023727.D
 Acq: 10 Nov 2025 20:01

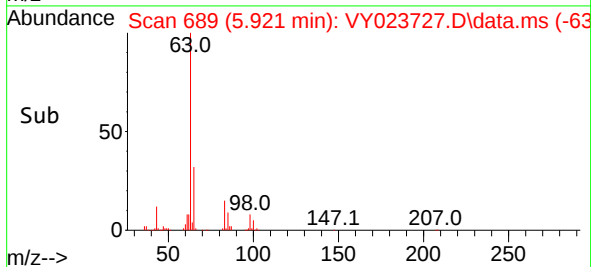
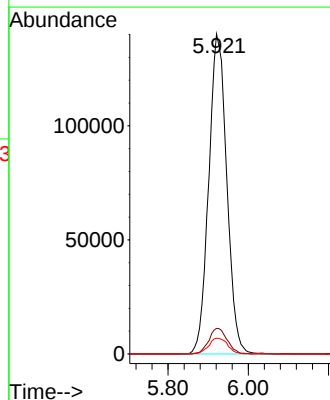
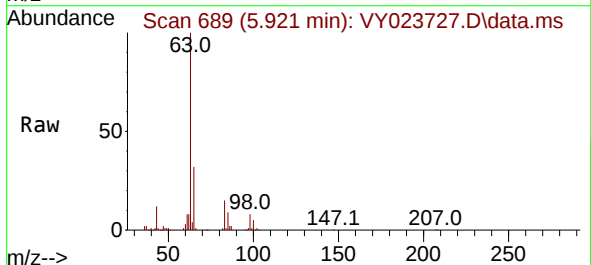
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1803096
 Ion Ratio Lower Upper
 43 100
 86 13.7 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 50.720 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY023727.D
 Acq: 10 Nov 2025 20:01

Tgt Ion: 63 Resp: 438499
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.3 13.1
 100 4.9 2.8 8.4





#25

2-Butanone

Concen: 223.366 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

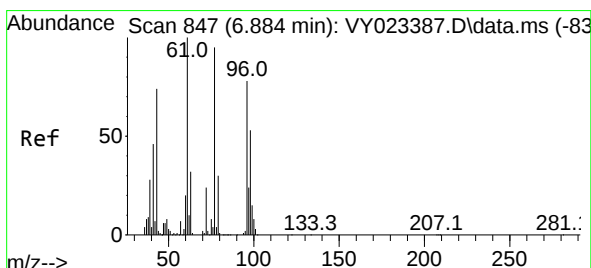
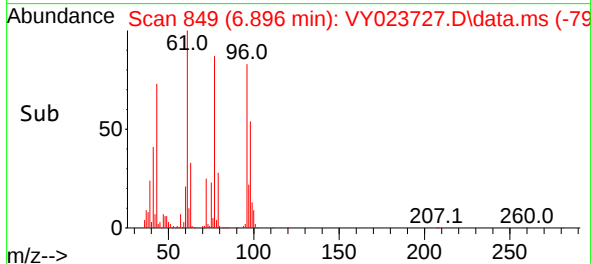
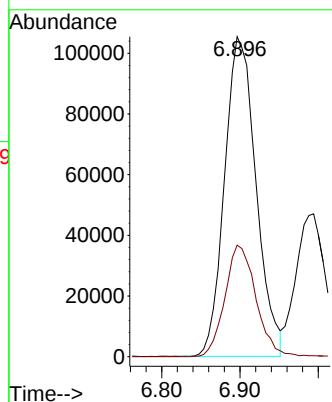
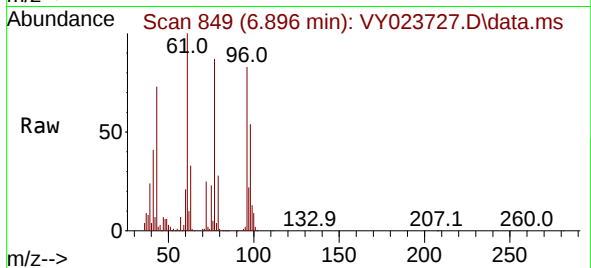
VSTDCCC050EC

Tgt Ion: 43 Resp: 294646

Ion Ratio Lower Upper

43 100

72 34.9 27.4 41.2



#26

2,2-Dichloropropane

Concen: 49.098 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023727.D

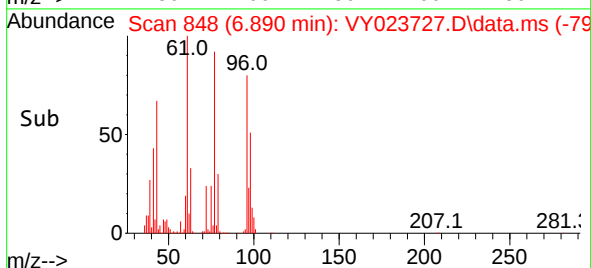
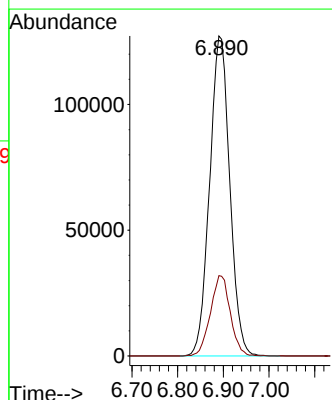
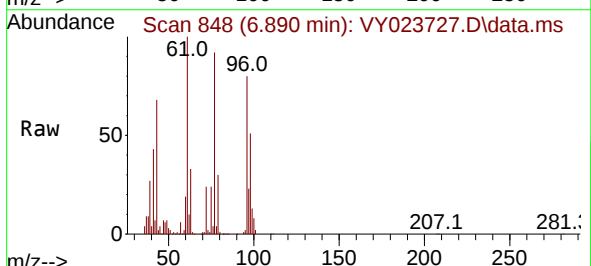
Acq: 10 Nov 2025 20:01

Tgt Ion: 77 Resp: 389493

Ion Ratio Lower Upper

77 100

97 24.8 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 53.670 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

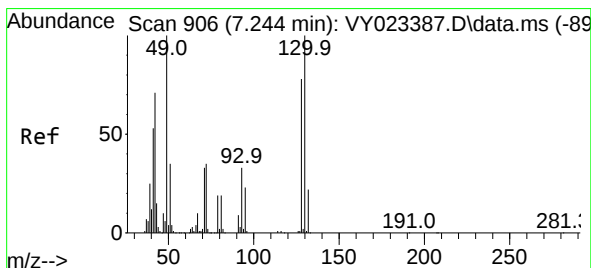
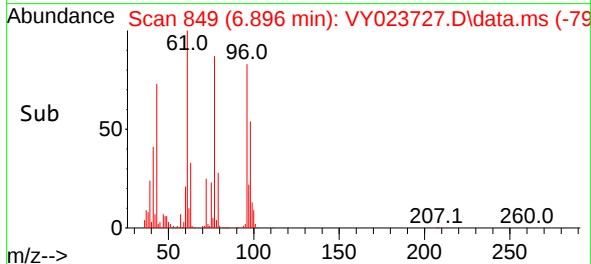
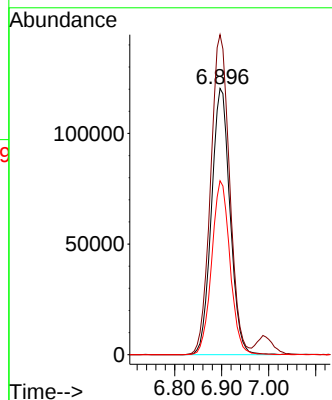
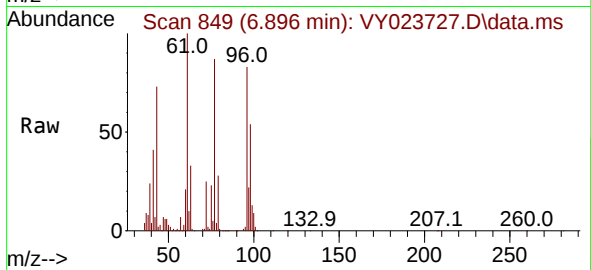
Tgt Ion: 96 Resp: 330458

Ion Ratio Lower Upper

96 100

61 123.2 0.0 258.2

98 64.4 0.0 132.0



#28

Bromochloromethane

Concen: 50.233 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

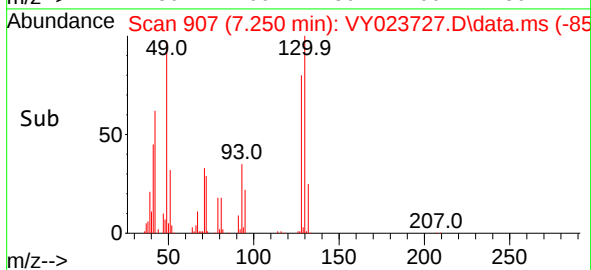
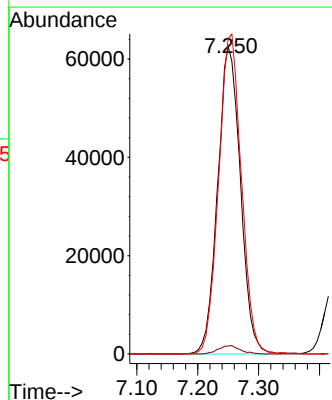
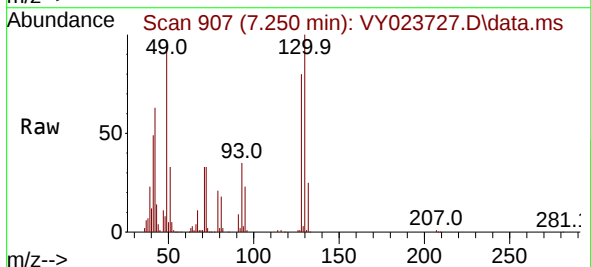
Tgt Ion: 49 Resp: 162128

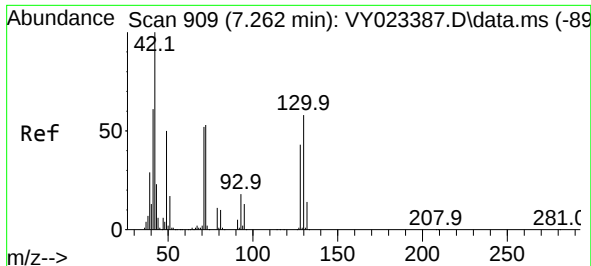
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.6

130 103.7 81.9 122.9





#29

Tetrahydrofuran

Concen: 235.011 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

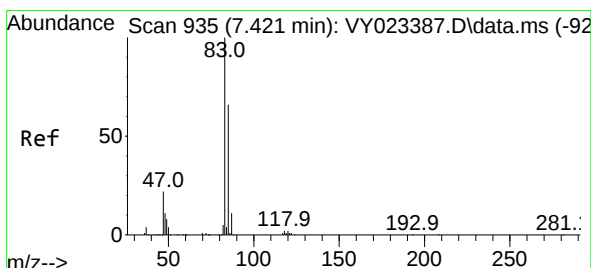
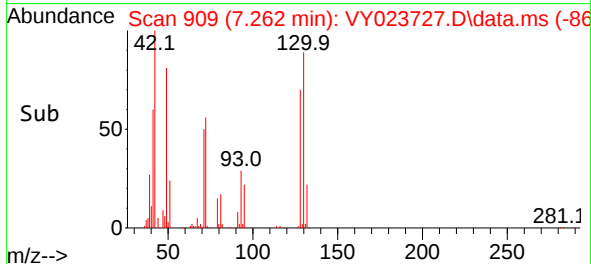
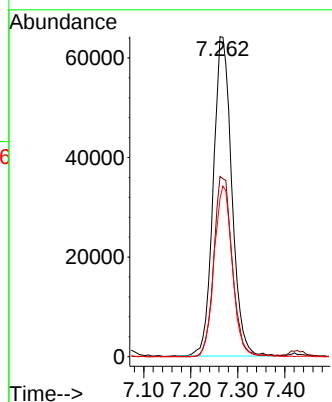
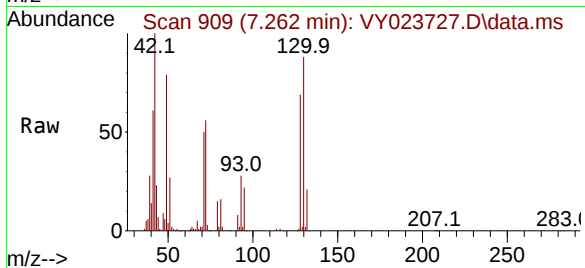
Tgt Ion: 42 Resp: 175796

Ion Ratio Lower Upper

42 100

72 56.1 43.0 64.6

71 52.6 40.1 60.1



#30

Chloroform

Concen: 51.638 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY023727.D

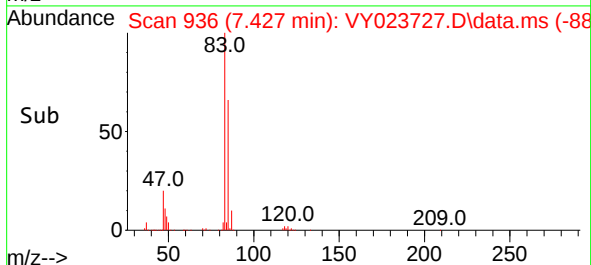
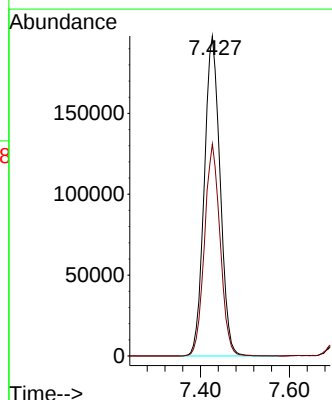
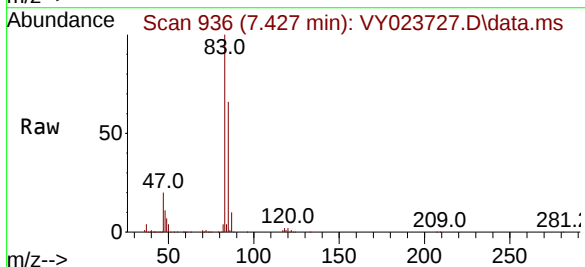
Acq: 10 Nov 2025 20:01

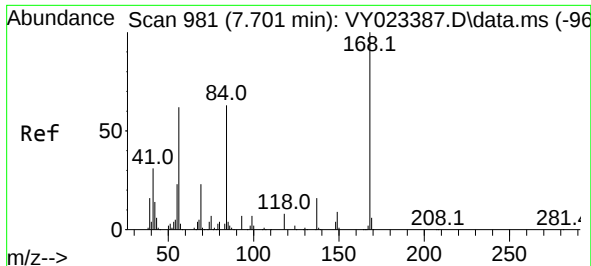
Tgt Ion: 83 Resp: 490492

Ion Ratio Lower Upper

83 100

85 66.3 52.5 78.7

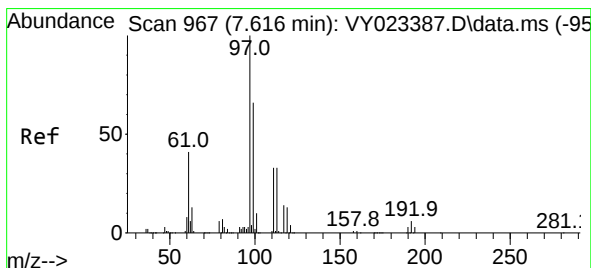
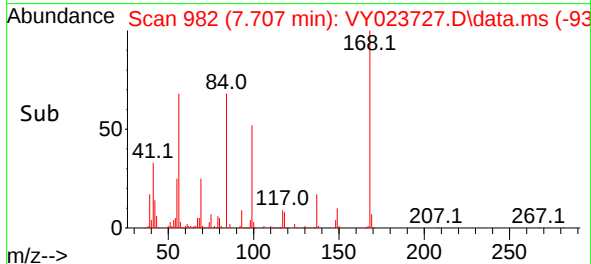
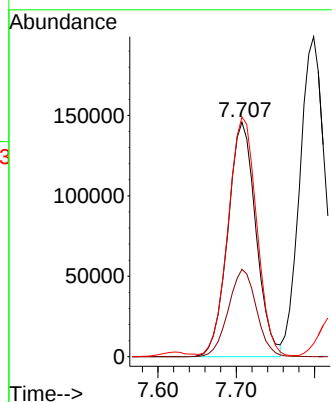
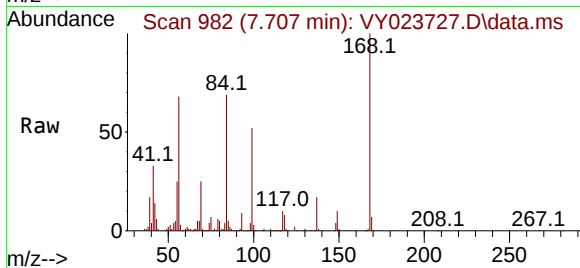




#31
Cyclohexane
Concen: 48.144 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

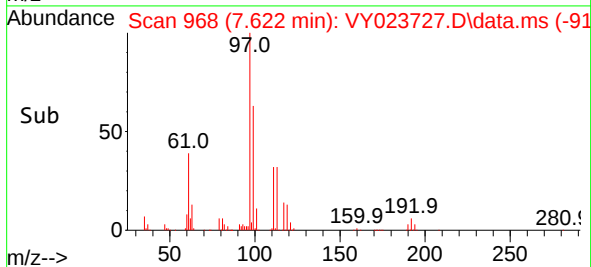
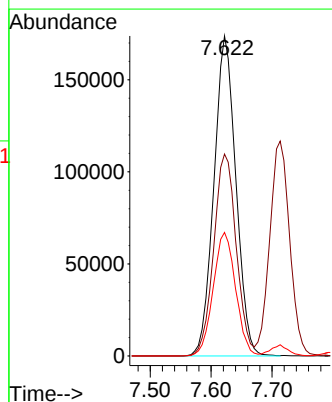
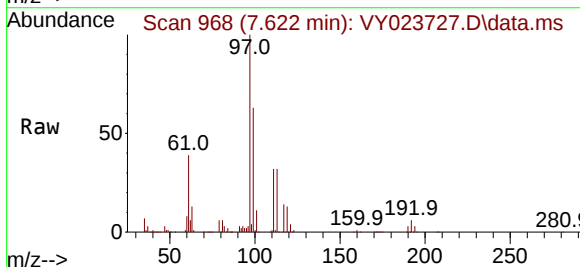
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

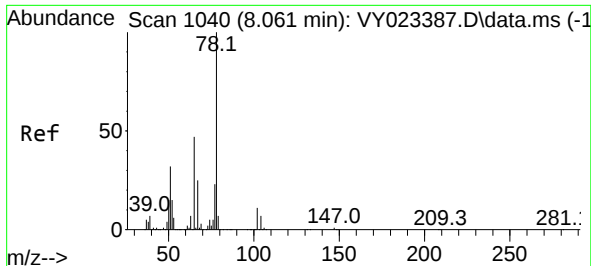
Tgt Ion: 56 Resp: 363491
Ion Ratio Lower Upper
56 100
69 37.3 30.0 45.0
84 100.5 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 50.456 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 97 Resp: 435547
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.2
61 39.3 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 48.671 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

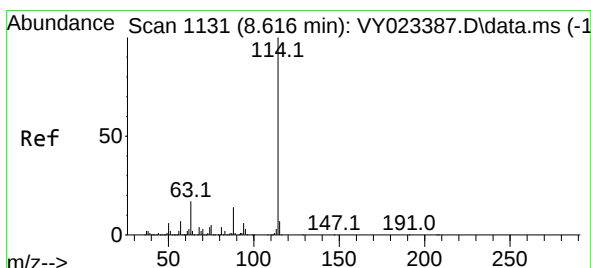
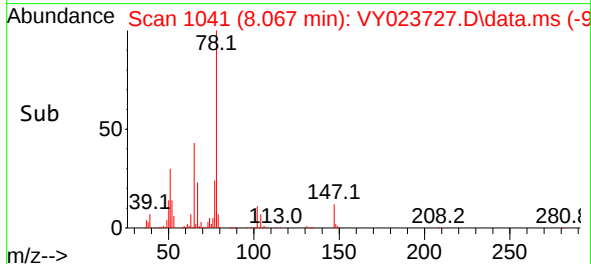
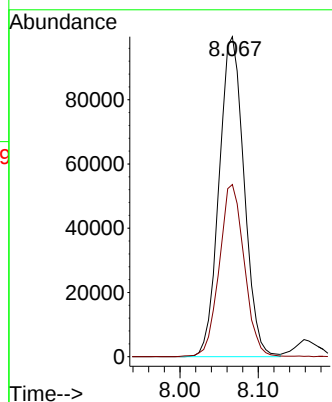
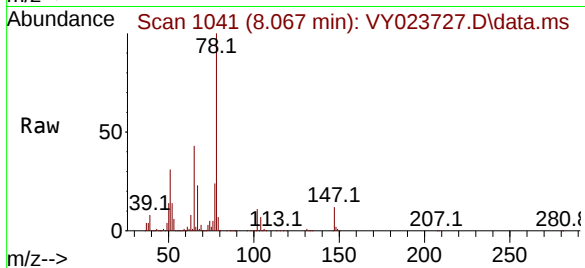
VSTDCCC050EC

Tgt Ion: 65 Resp: 220901

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

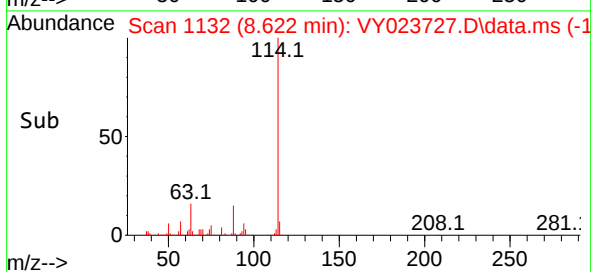
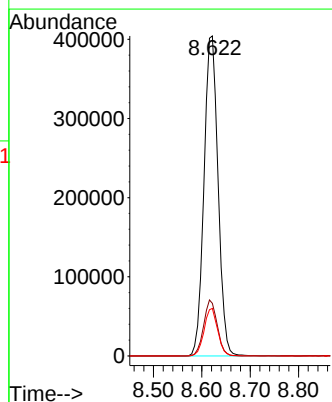
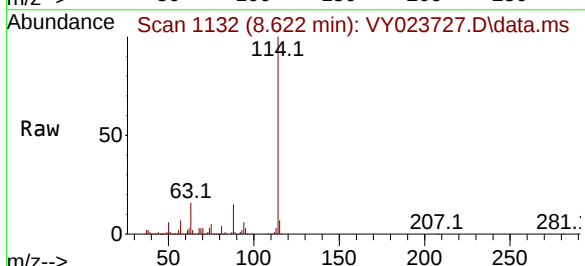
Tgt Ion: 114 Resp: 816441

Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.2

88 14.9 0.0 28.4

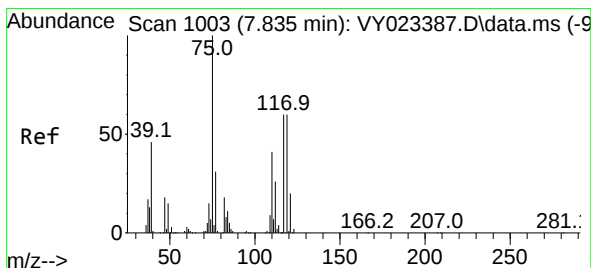
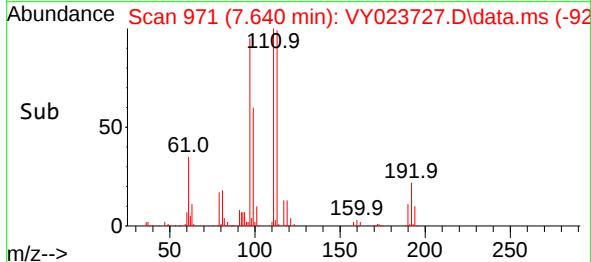
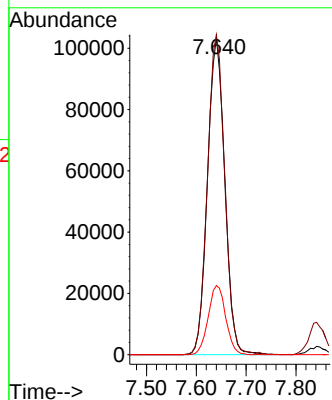
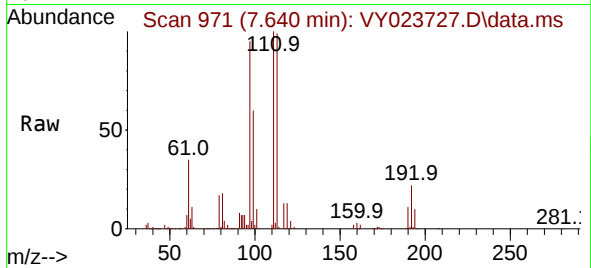




#35
Dibromofluoromethane
Concen: 49.611 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

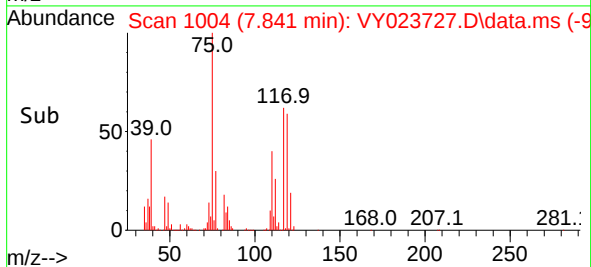
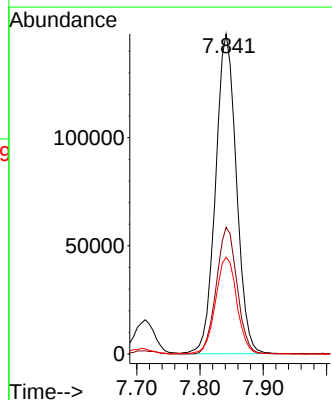
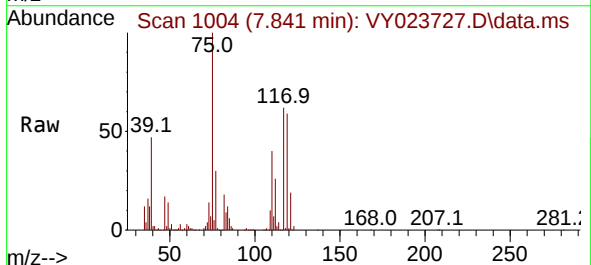
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

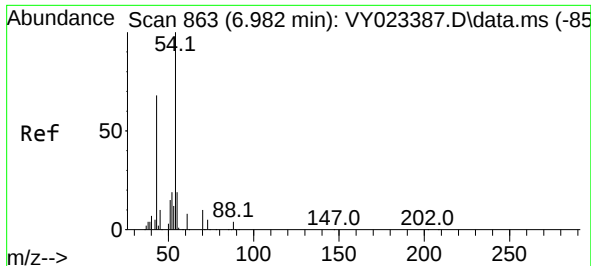
Tgt Ion:113 Resp: 248880
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.6
192 22.1 18.0 27.0



#36
1,1-Dichloropropene
Concen: 50.777 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 75 Resp: 337235
Ion Ratio Lower Upper
75 100
110 39.4 19.9 59.7
77 30.9 25.0 37.6





#37

Ethyl Acetate

Concen: 49.200 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

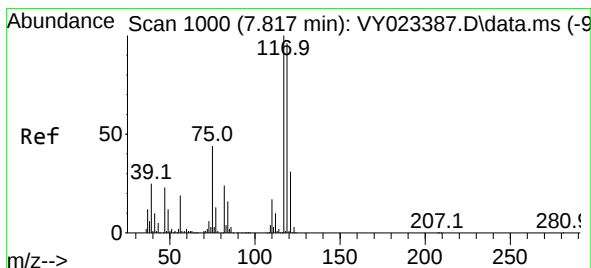
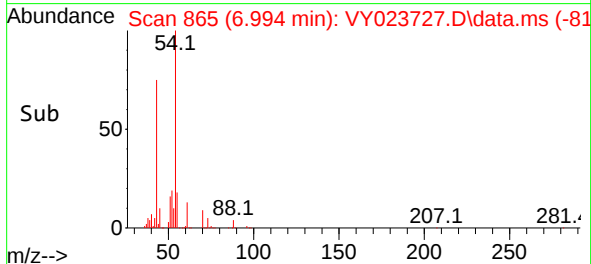
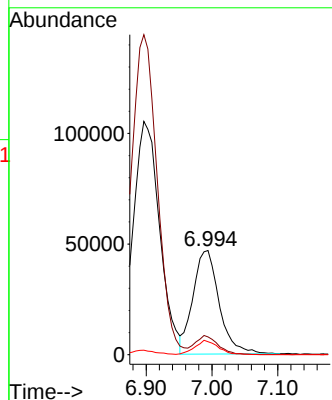
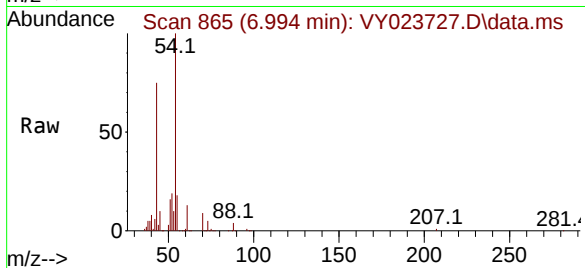
Tgt Ion: 43 Resp: 129454

Ion Ratio Lower Upper

43 100

61 15.6 11.8 17.8

70 12.4 10.5 15.7



#38

Carbon Tetrachloride

Concen: 48.953 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

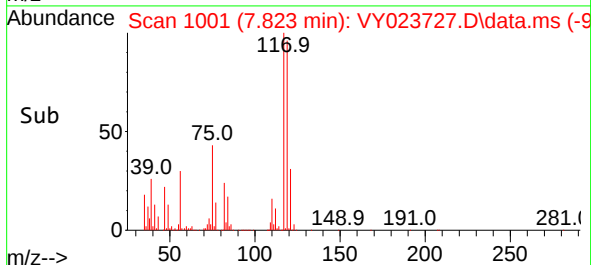
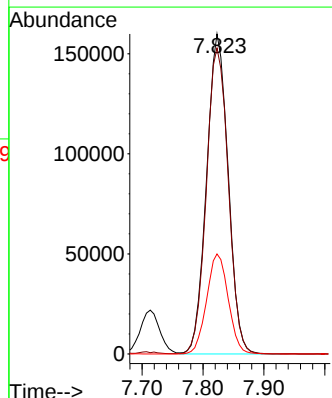
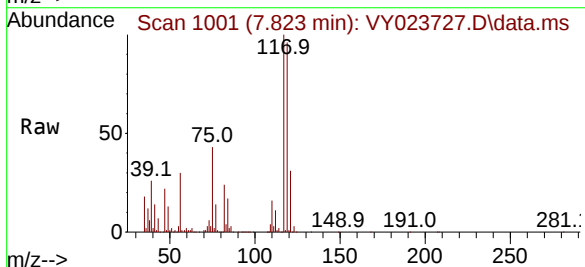
Tgt Ion: 117 Resp: 394227

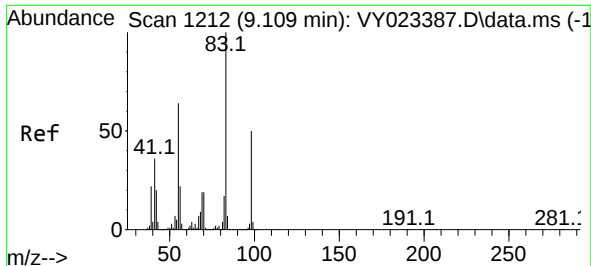
Ion Ratio Lower Upper

117 100

119 95.6 76.8 115.2

121 31.2 24.5 36.7





#39

Methylcyclohexane

Concen: 51.117 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

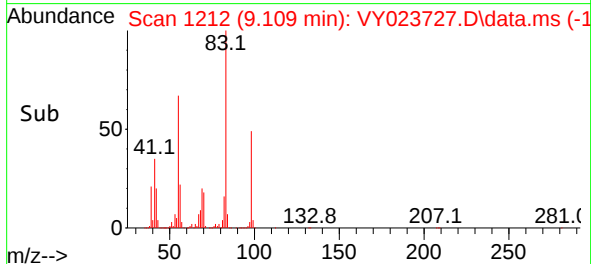
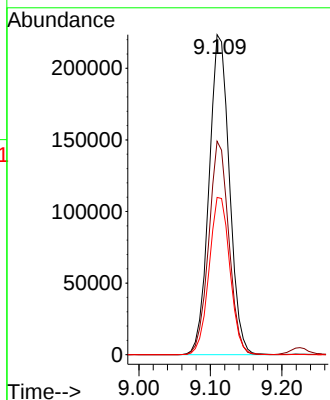
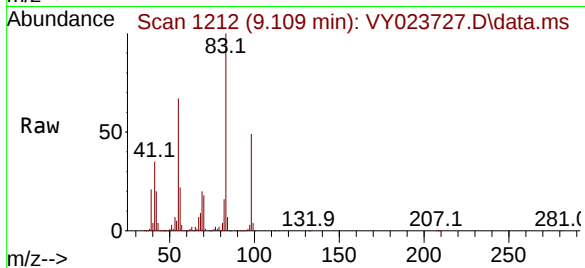
Tgt Ion: 83 Resp: 442030

Ion Ratio Lower Upper

83 100

55 66.7 51.4 77.2

98 49.2 40.4 60.6



#40

Benzene

Concen: 51.042 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023727.D

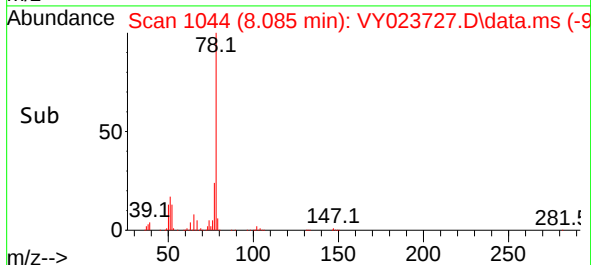
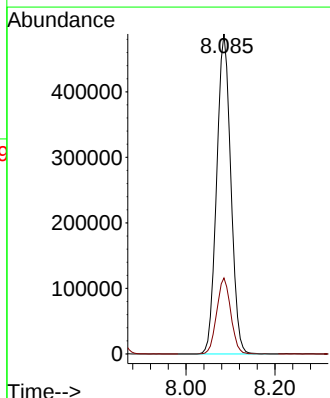
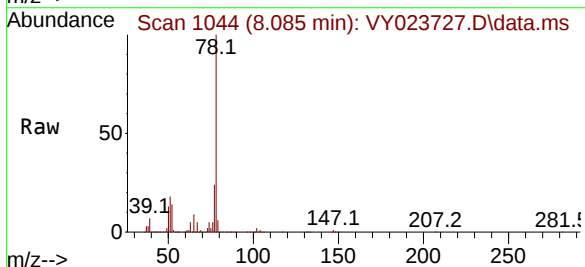
Acq: 10 Nov 2025 20:01

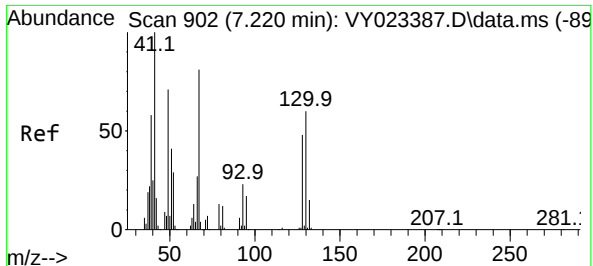
Tgt Ion: 78 Resp: 1073573

Ion Ratio Lower Upper

78 100

77 23.8 18.3 27.5

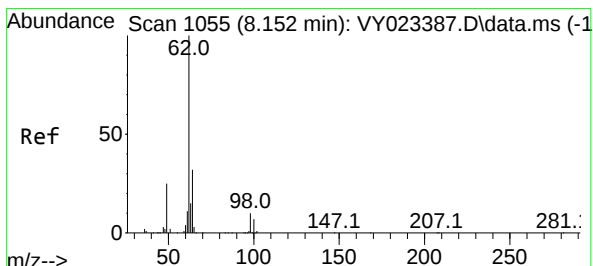
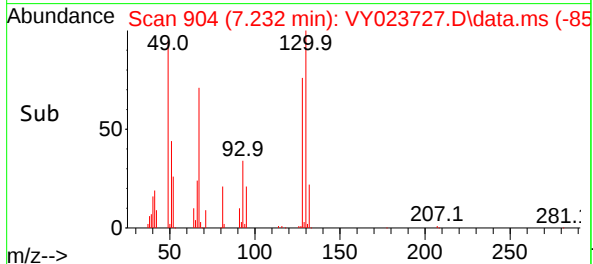
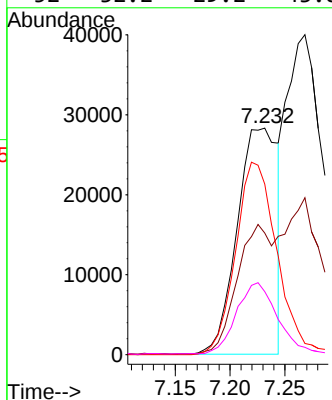
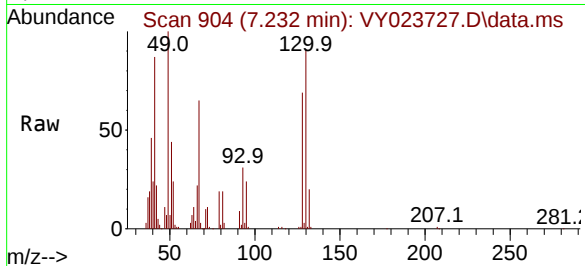




#41
Methacrylonitrile
Concen: 51.062 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

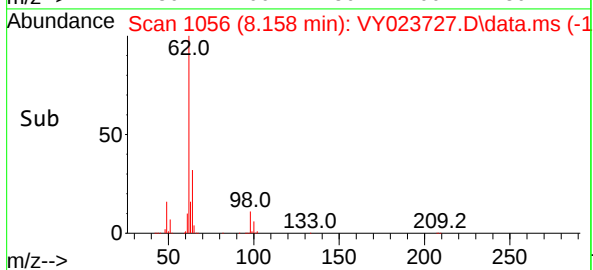
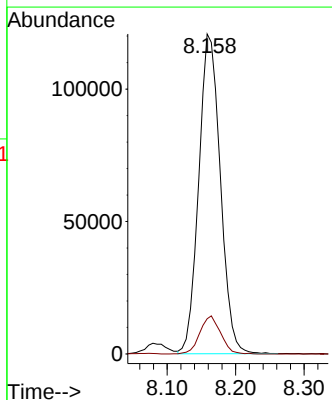
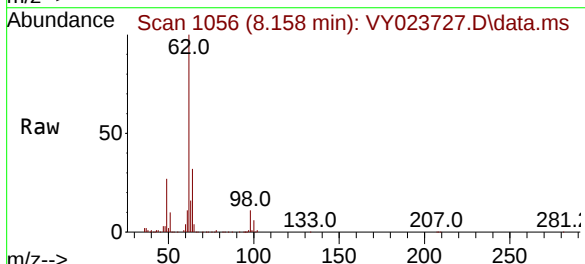
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

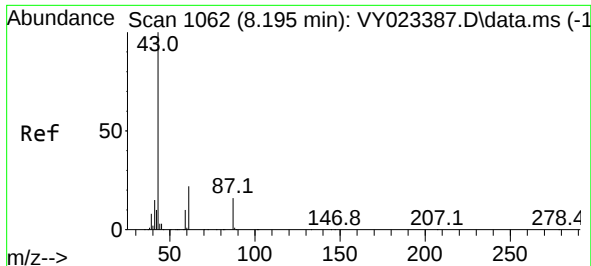
Tgt Ion: 41 Resp: 72664
Ion Ratio Lower Upper
41 100
39 48.0 52.2 78.4#
67 87.7 74.9 112.3
52 32.2 29.2 43.8



#42
1,2-Dichloroethane
Concen: 48.890 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 62 Resp: 265202
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.6

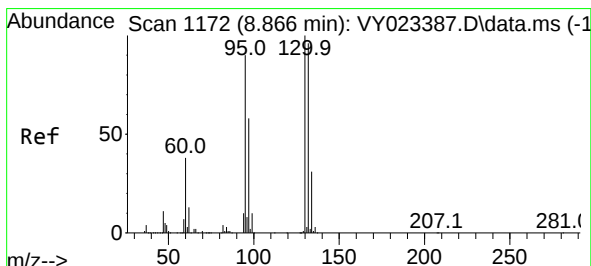
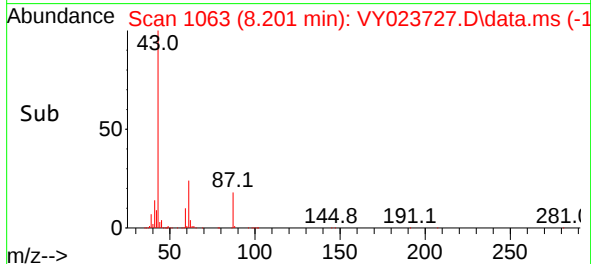
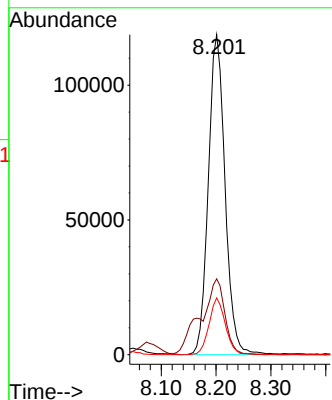
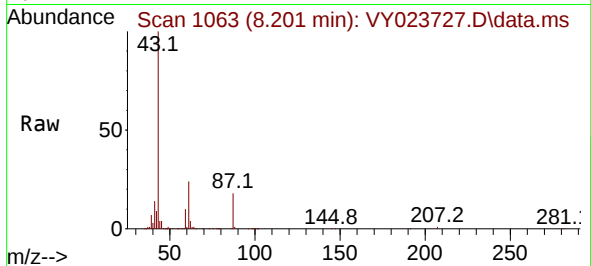




#43
Isopropyl Acetate
Concen: 47.908 ug/l
RT: 8.201 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

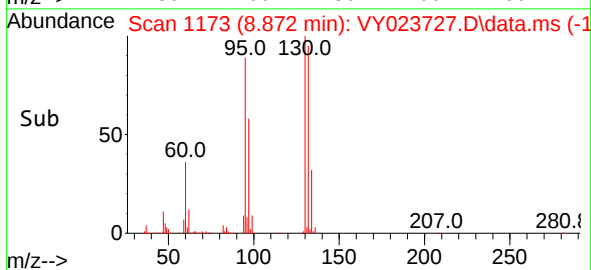
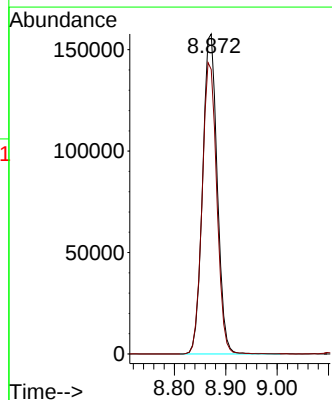
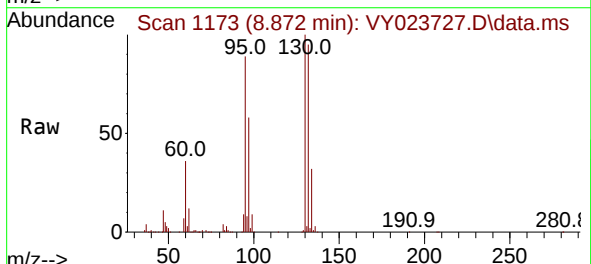
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 251354
Ion Ratio Lower Upper
43 100
61 34.7 18.1 27.1#
87 17.3 13.5 20.3



#44
Trichloroethene
Concen: 50.353 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion:130 Resp: 309982
Ion Ratio Lower Upper
130 100
95 88.9 0.0 180.6





#45

1,2-Dichloropropane

Concen: 51.716 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

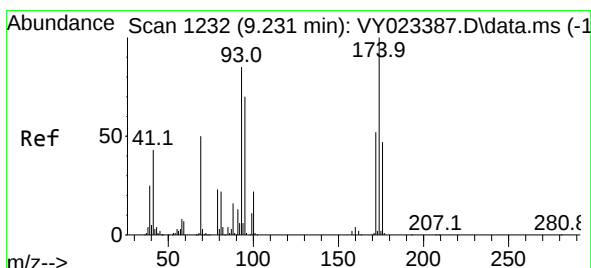
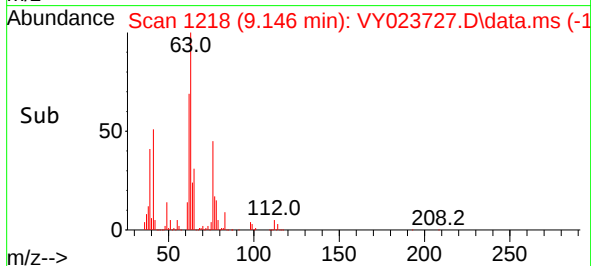
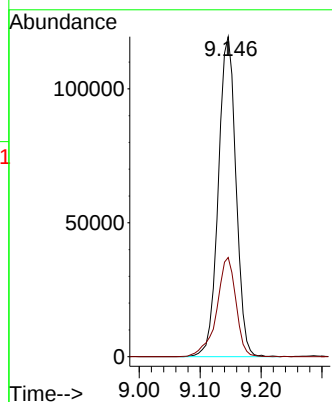
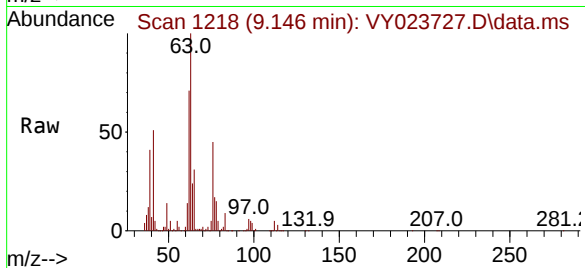
VSTDCCC050EC

Tgt Ion: 63 Resp: 240260

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



#46

Dibromomethane

Concen: 50.259 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

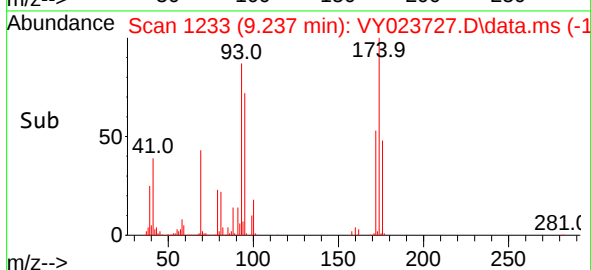
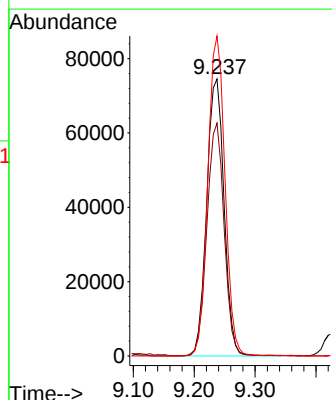
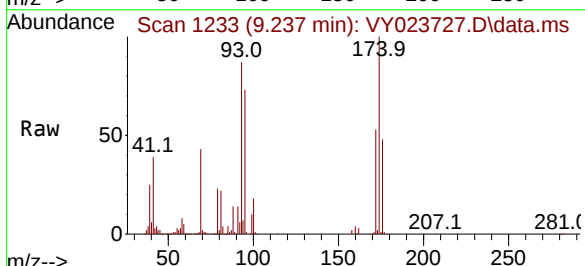
Tgt Ion: 93 Resp: 147642

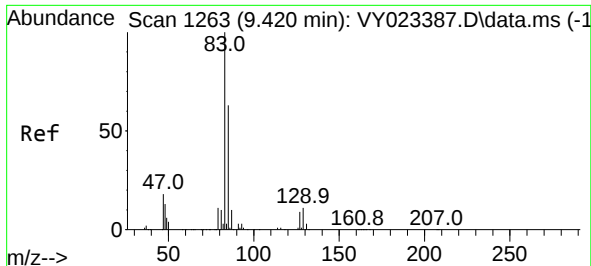
Ion Ratio Lower Upper

93 100

95 83.2 65.4 98.0

174 114.1 92.9 139.3





#47

Bromodichloromethane

Concen: 50.595 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

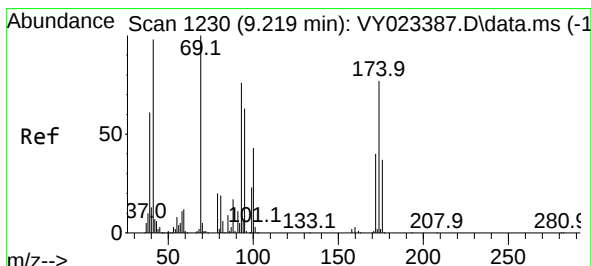
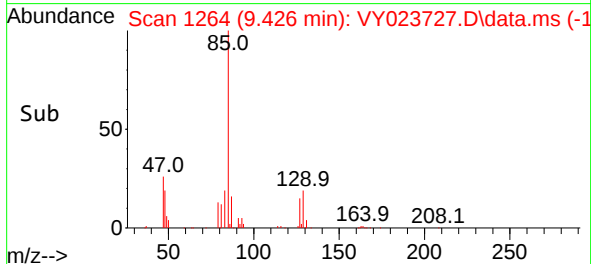
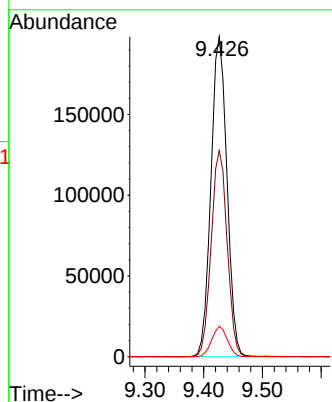
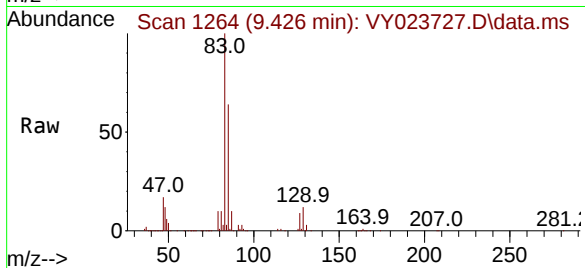
Tgt Ion: 83 Resp: 374332

Ion Ratio Lower Upper

83 100

85 64.4 50.8 76.2

127 9.5 7.4 11.2



#48

Methyl methacrylate

Concen: 47.867 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

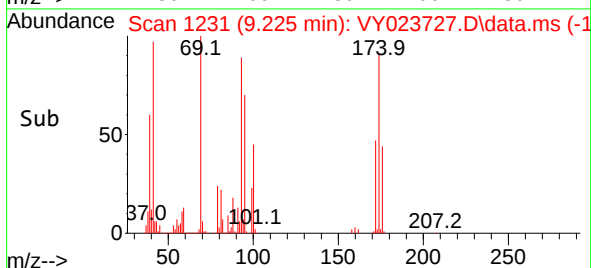
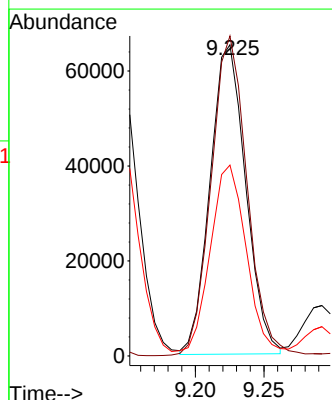
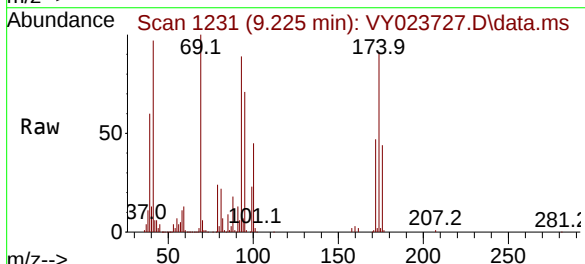
Tgt Ion: 41 Resp: 117983

Ion Ratio Lower Upper

41 100

69 104.4 81.0 121.4

39 60.2 48.2 72.4





#49

1,4-Dioxane

Concen: 884.098 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

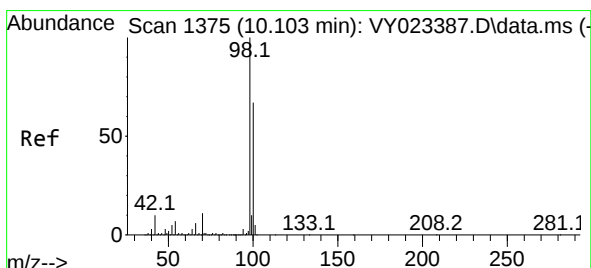
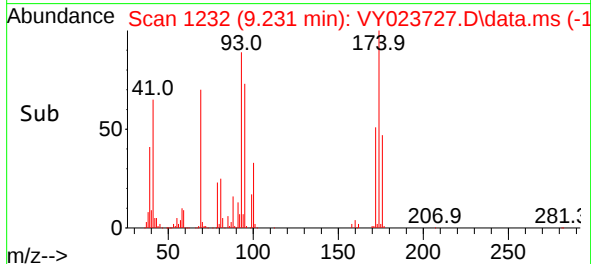
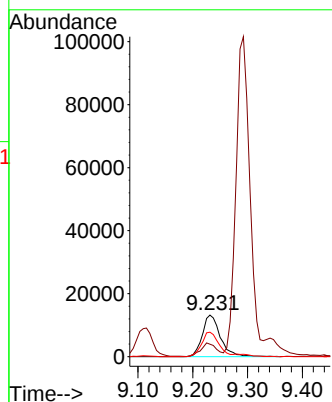
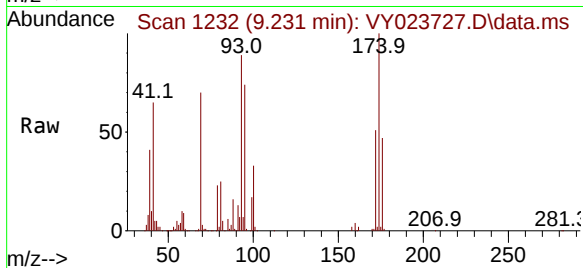
Tgt Ion: 88 Resp: 30112

Ion Ratio Lower Upper

88 100

43 27.9 21.8 32.8

58 56.4 46.8 70.2



#50

Toluene-d8

Concen: 50.357 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023727.D

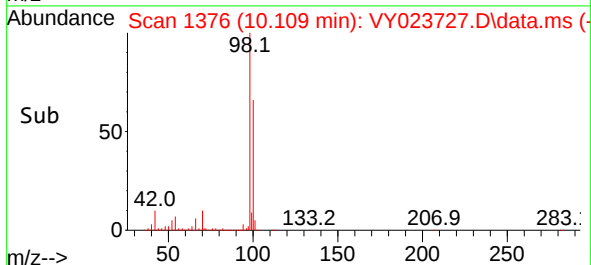
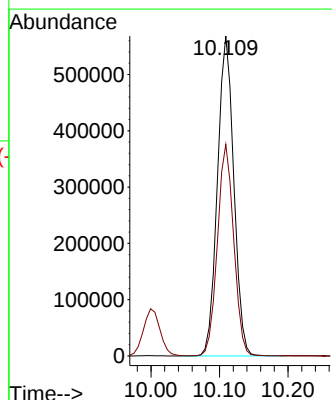
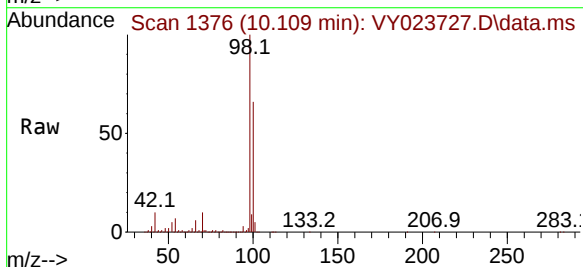
Acq: 10 Nov 2025 20:01

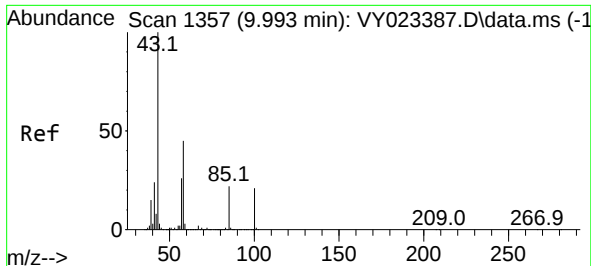
Tgt Ion: 98 Resp: 940784

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 241.922 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

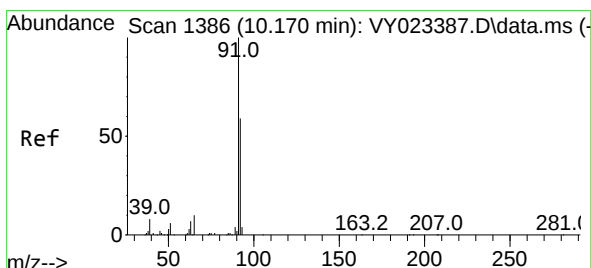
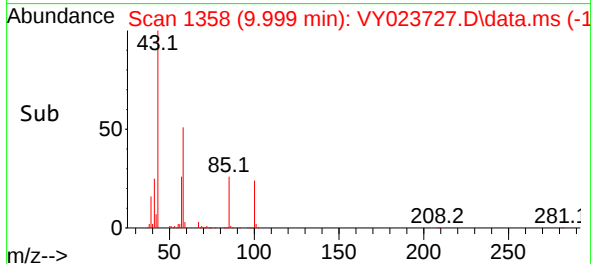
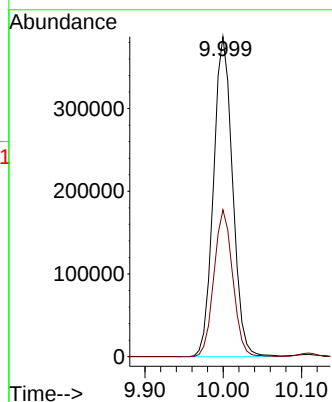
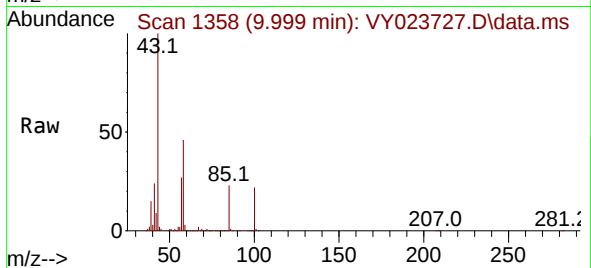
VSTDCCC050EC

Tgt Ion: 43 Resp: 655792

Ion Ratio Lower Upper

43 100

58 45.3 35.3 52.9



#52

Toluene

Concen: 52.383 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023727.D

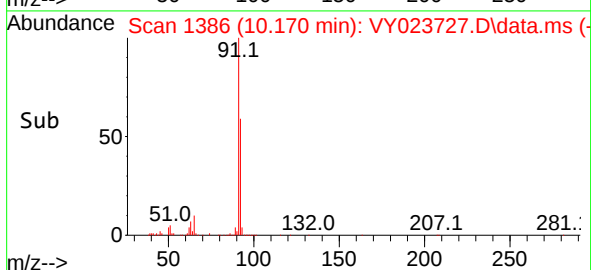
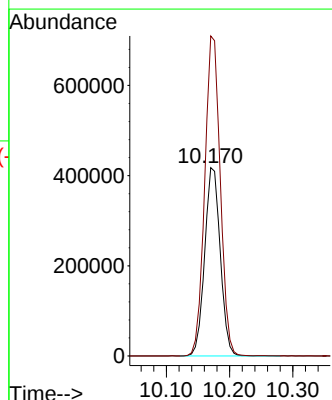
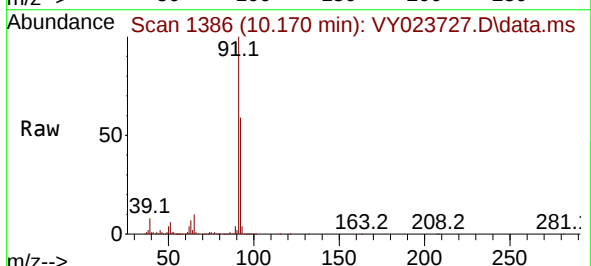
Acq: 10 Nov 2025 20:01

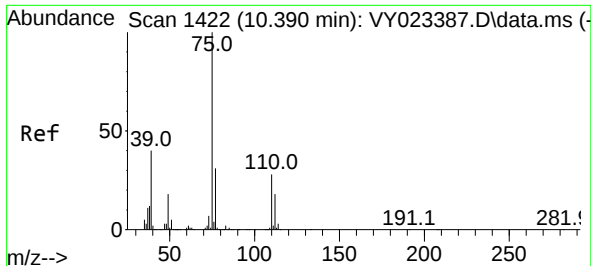
Tgt Ion: 92 Resp: 715363

Ion Ratio Lower Upper

92 100

91 170.0 136.4 204.6

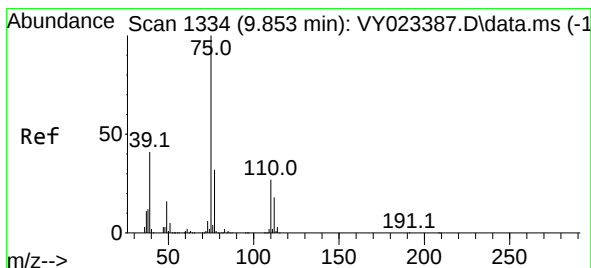
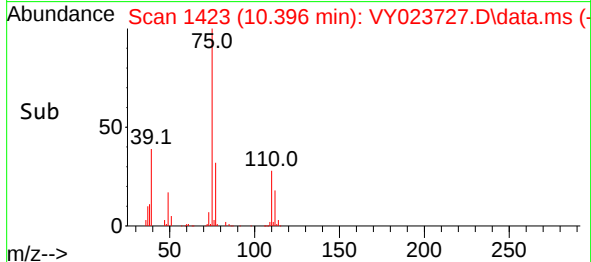
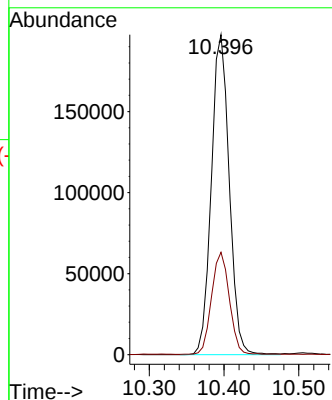
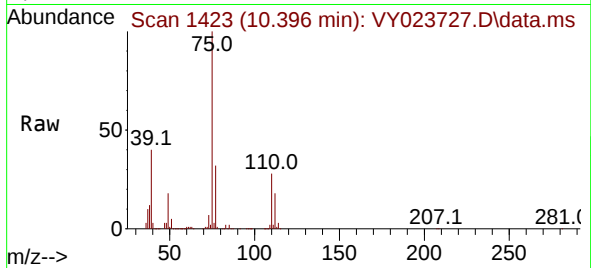




#53
 t-1,3-Dichloropropene
 Concen: 51.019 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023727.D
 Acq: 10 Nov 2025 20:01

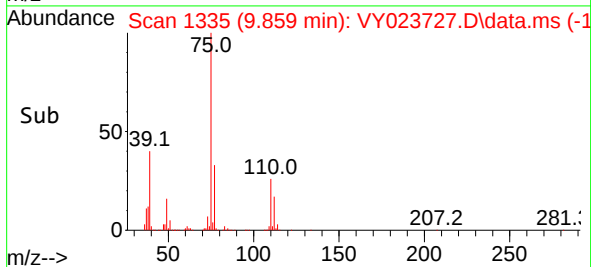
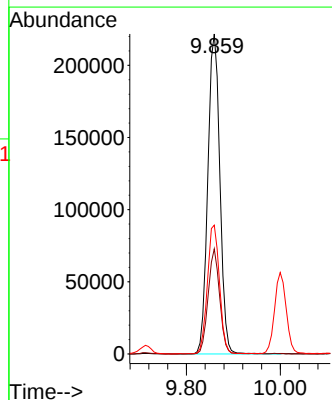
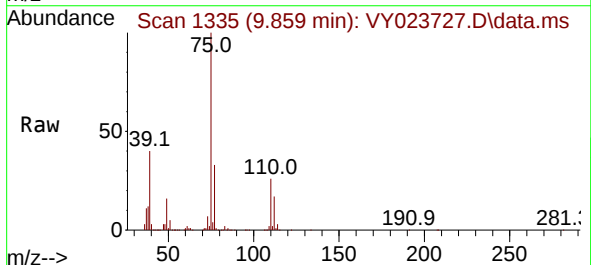
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

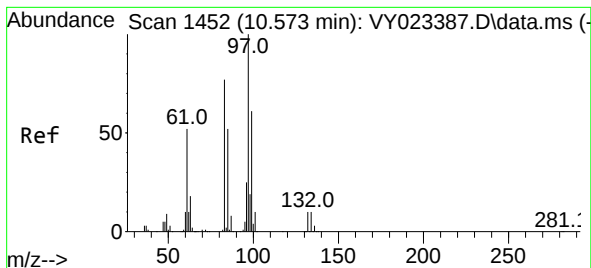
Tgt Ion: 75 Resp: 328212
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 51.833 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023727.D
 Acq: 10 Nov 2025 20:01

Tgt Ion: 75 Resp: 393549
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0
 39 40.2 32.8 49.2

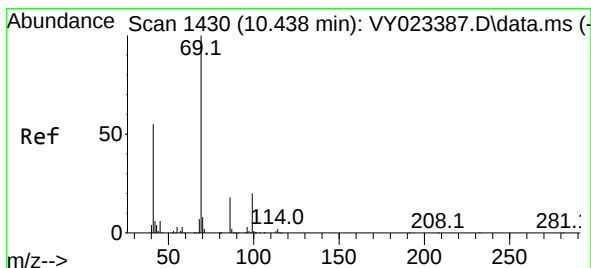
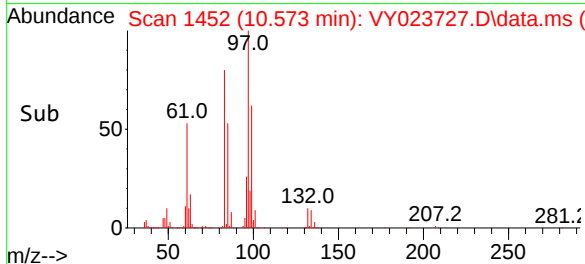
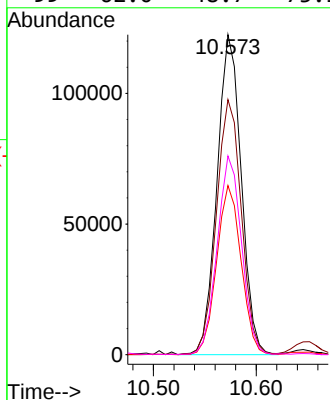
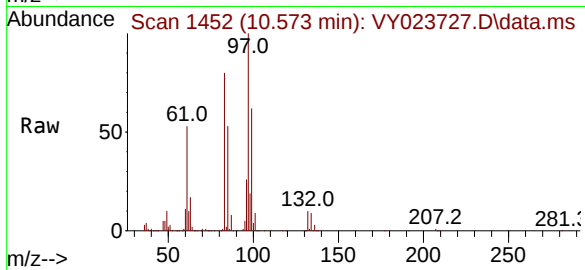




#55
1,1,2-Trichloroethane
Concen: 50.805 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

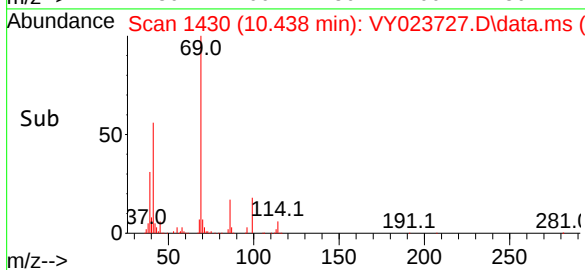
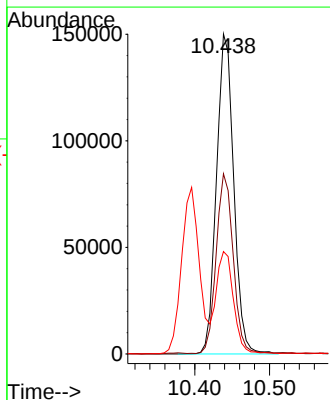
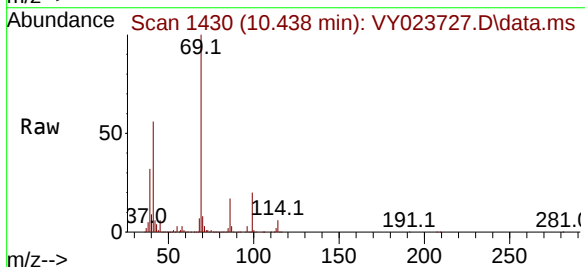
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

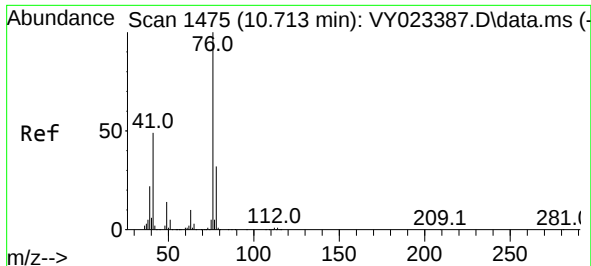
Tgt Ion:	97	Resp:	200699
Ion	Ratio	Lower	Upper
97	100		
83	79.6	61.8	92.6
85	52.9	41.3	61.9
99	62.0	48.7	73.1



#56
Ethyl methacrylate
Concen: 52.907 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion:	69	Resp:	241085
Ion	Ratio	Lower	Upper
69	100		
41	55.4	44.6	67.0
39	31.5	27.0	40.4





#57

1,3-Dichloropropane

Concen: 51.271 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

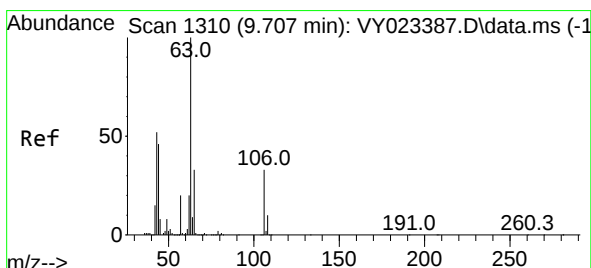
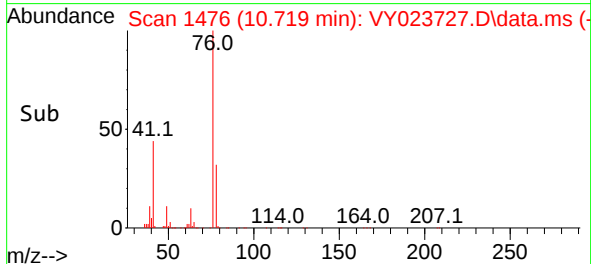
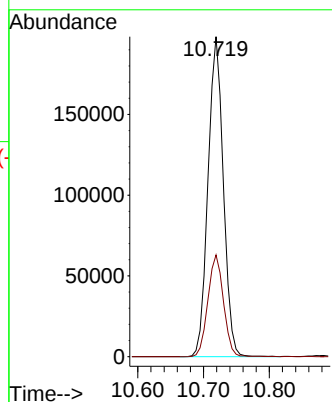
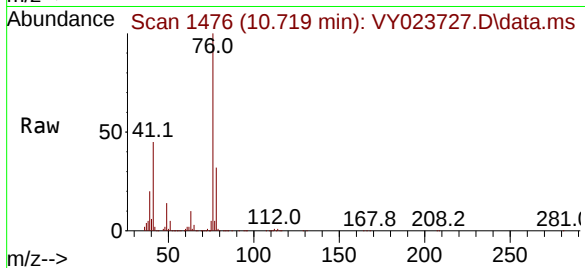
VSTDCCC050EC

Tgt Ion: 76 Resp: 320948

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 256.739 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023727.D

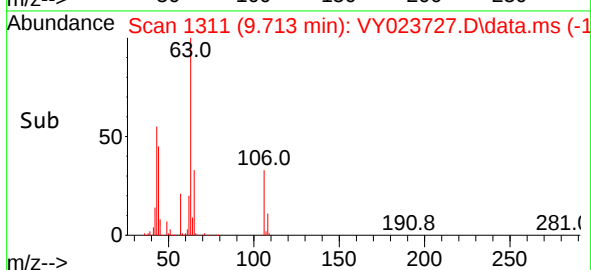
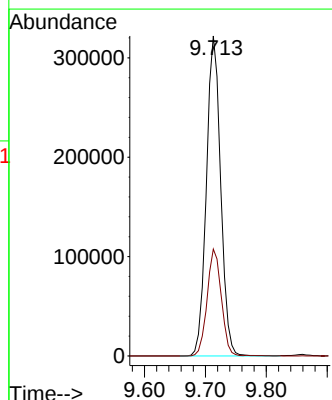
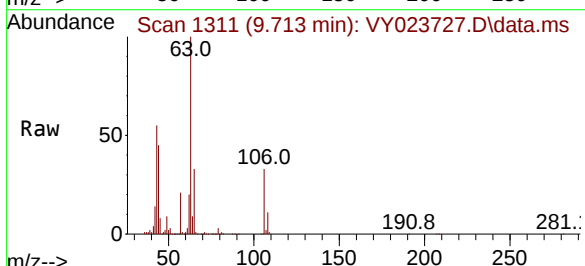
Acq: 10 Nov 2025 20:01

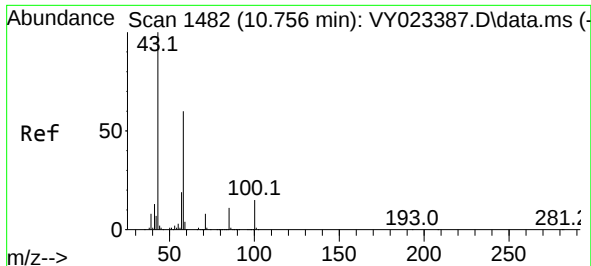
Tgt Ion: 63 Resp: 524088

Ion Ratio Lower Upper

63 100

106 33.1 26.6 39.8

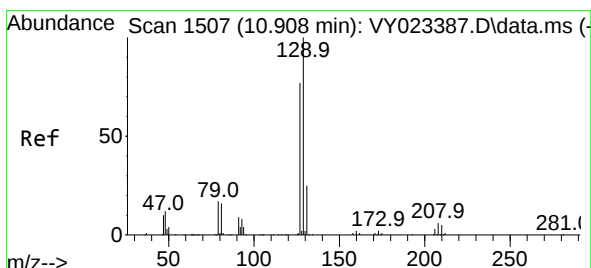
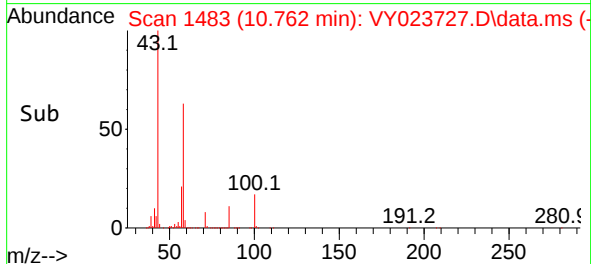
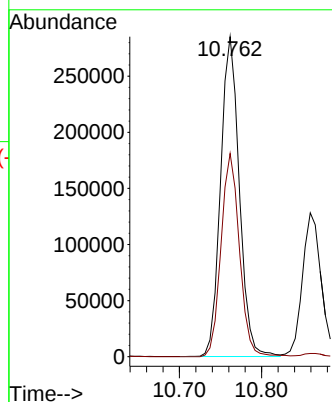
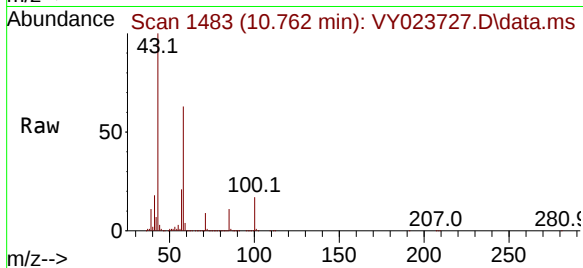




#59
2-Hexanone
Concen: 232.993 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

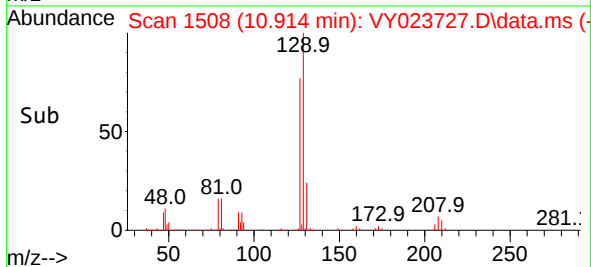
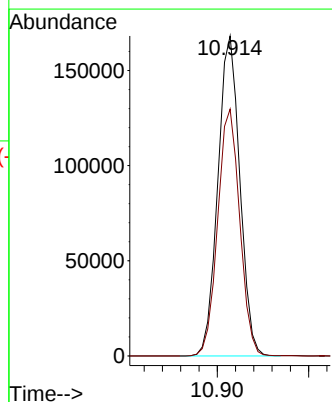
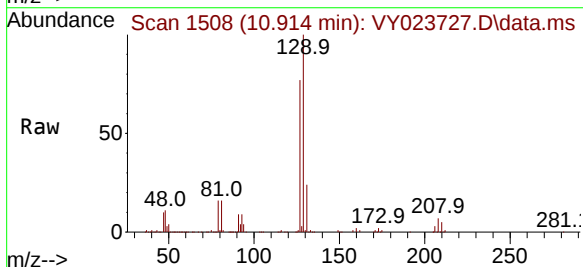
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

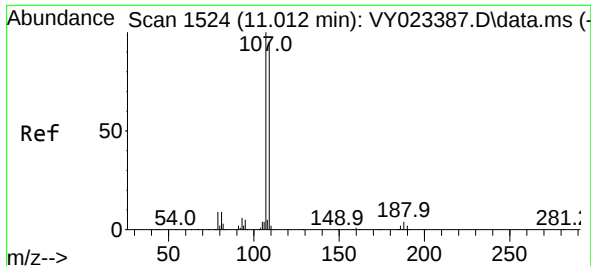
Tgt Ion: 43 Resp: 451360
Ion Ratio Lower Upper
43 100
58 62.5 30.5 91.5



#60
Dibromochloromethane
Concen: 50.675 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion:129 Resp: 280664
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

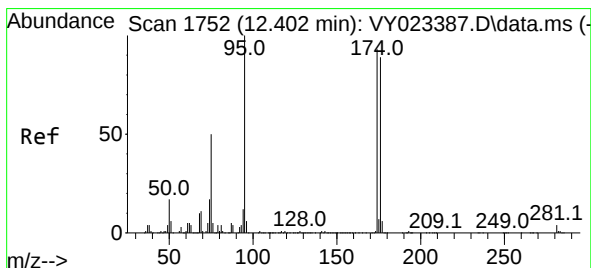
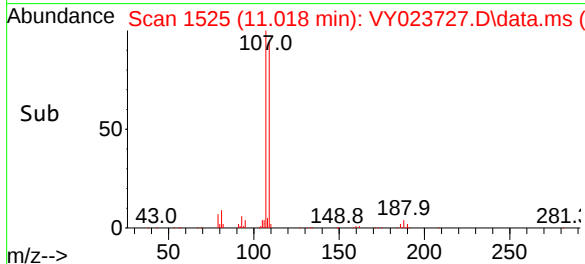
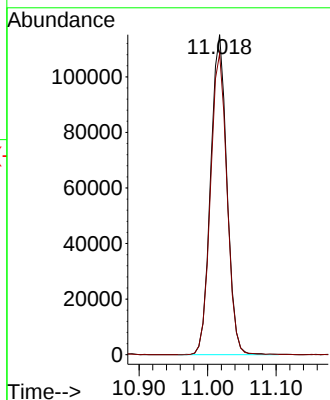
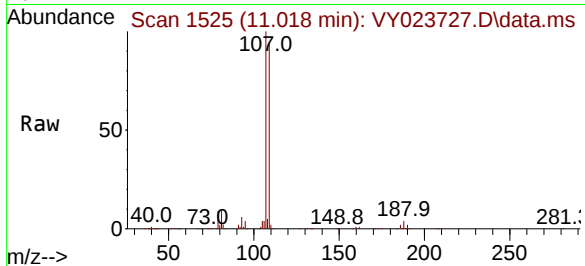




#61
1,2-Dibromoethane
Concen: 50.543 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

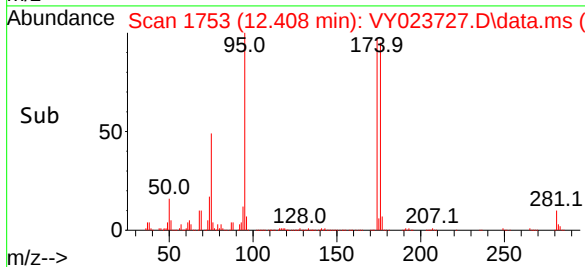
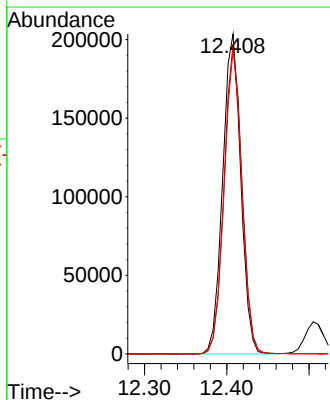
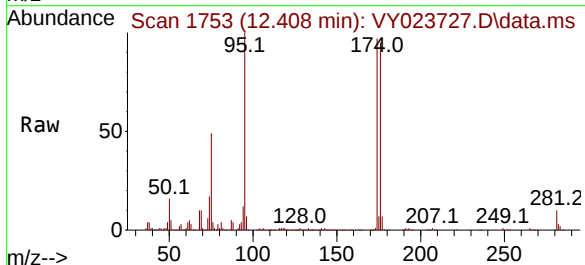
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 190419
Ion Ratio Lower Upper
107 100
109 95.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 50.538 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 95 Resp: 311716
Ion Ratio Lower Upper
95 100
174 96.1 0.0 192.8
176 93.4 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

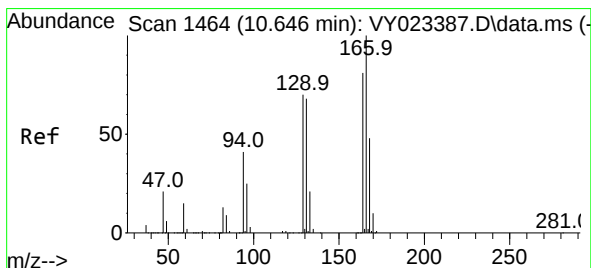
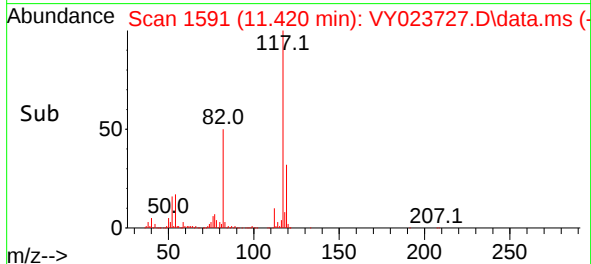
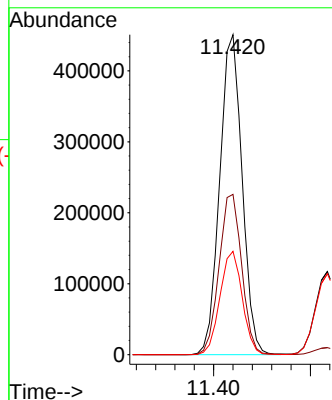
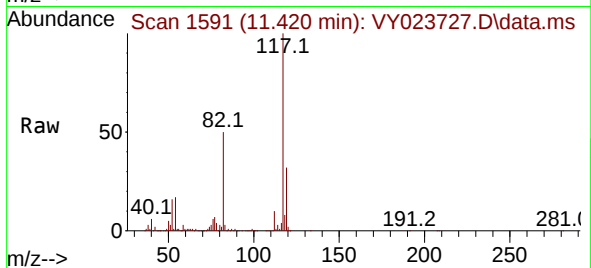
Tgt Ion:117 Resp: 723857

Ion Ratio Lower Upper

117 100

82 50.1 41.0 61.4

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 52.269 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Tgt Ion:164 Resp: 390665

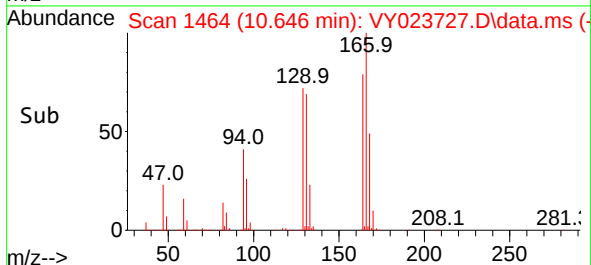
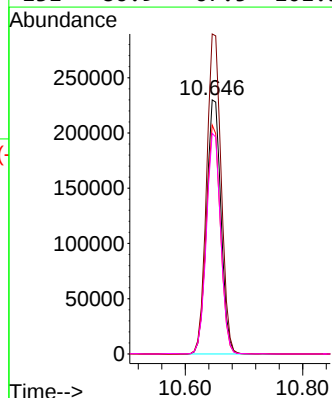
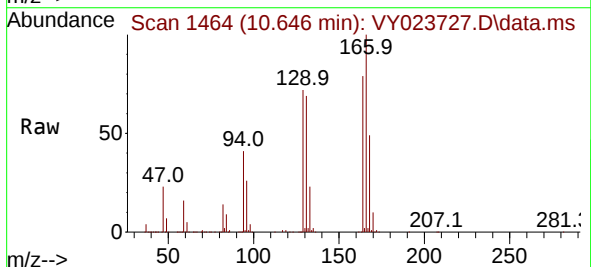
Ion Ratio Lower Upper

164 100

166 125.9 99.4 149.0

129 90.1 69.4 104.2

131 86.9 67.5 101.3

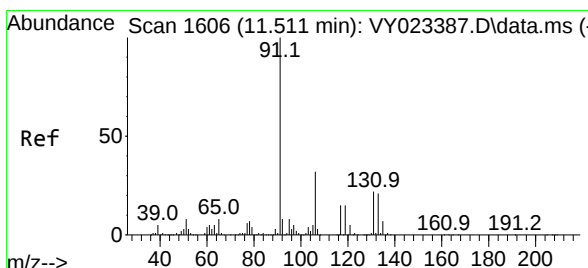
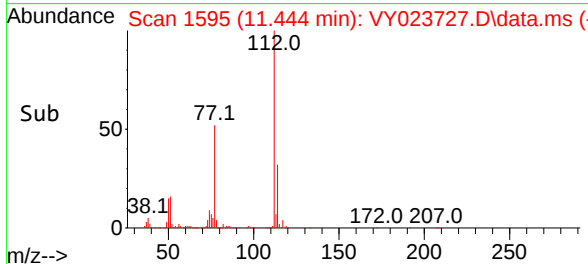
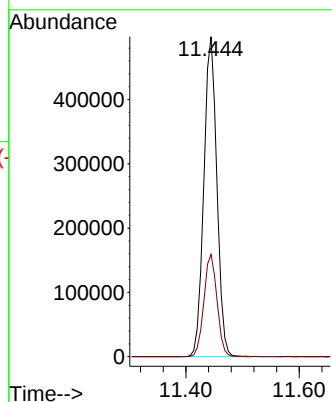
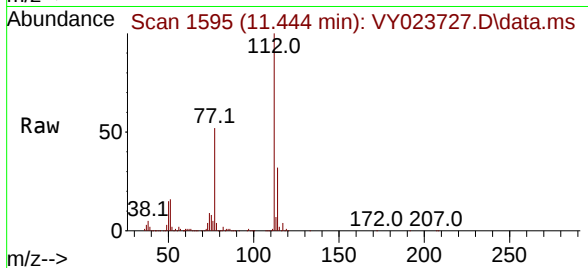




#65
Chlorobenzene
Concen: 50.584 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

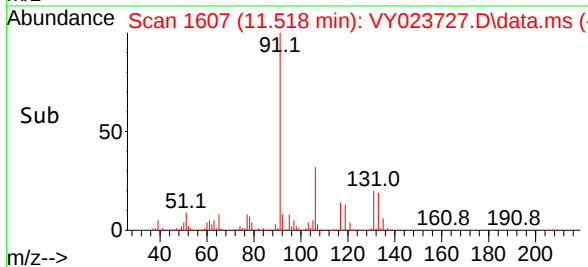
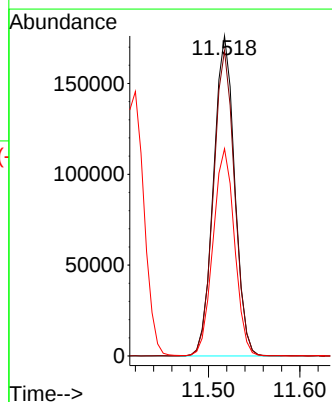
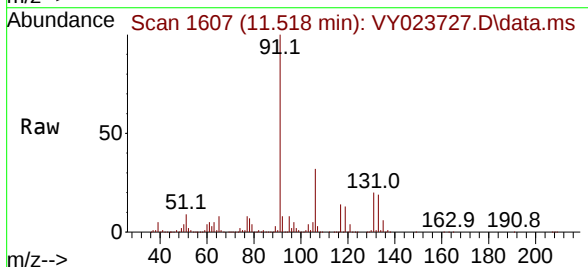
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

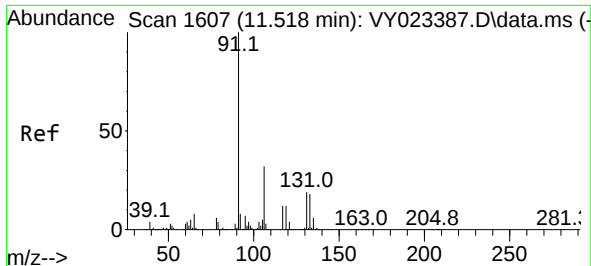
Tgt Ion:112 Resp: 796366
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.311 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion:131 Resp: 282260
Ion Ratio Lower Upper
131 100
133 95.6 48.4 145.2
119 65.9 32.4 97.2





#67

Ethyl Benzene

Concen: 52.518 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

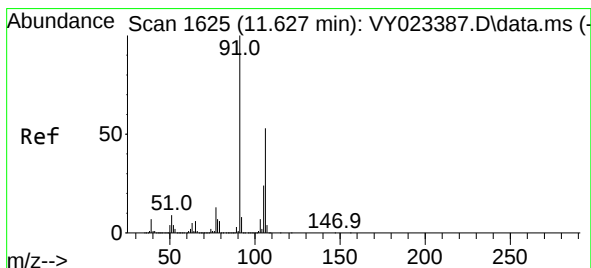
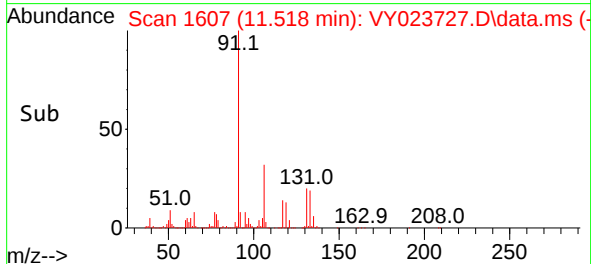
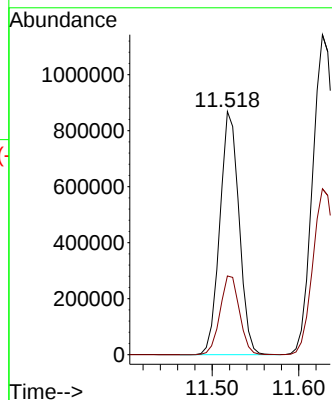
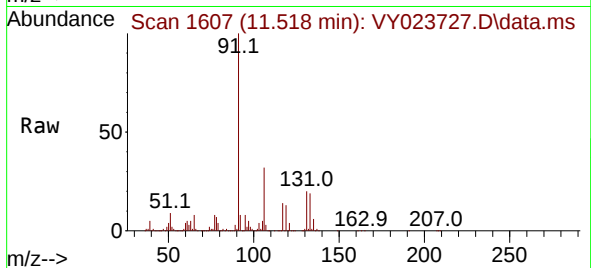
VSTDCCC050EC

Tgt Ion: 91 Resp: 1338380

Ion Ratio Lower Upper

91 100

106 32.4 25.8 38.8



#68

m/p-Xylenes

Concen: 105.378 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023727.D

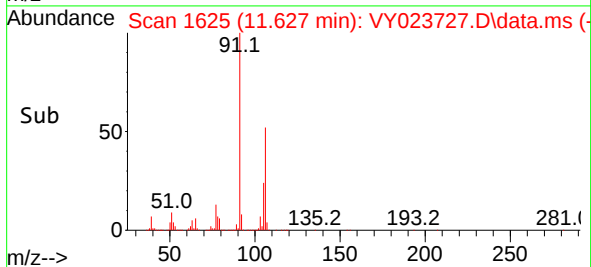
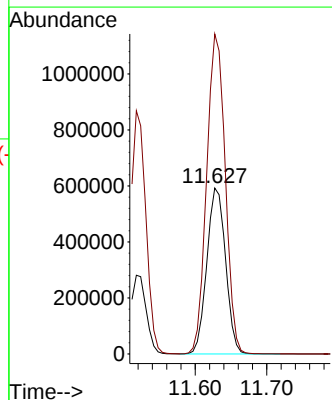
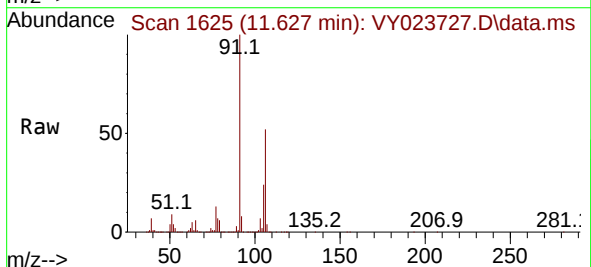
Acq: 10 Nov 2025 20:01

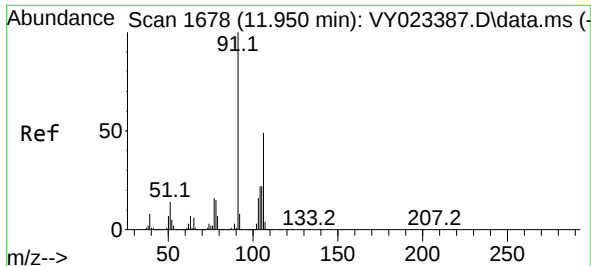
Tgt Ion:106 Resp: 1077123

Ion Ratio Lower Upper

106 100

91 191.9 152.6 229.0

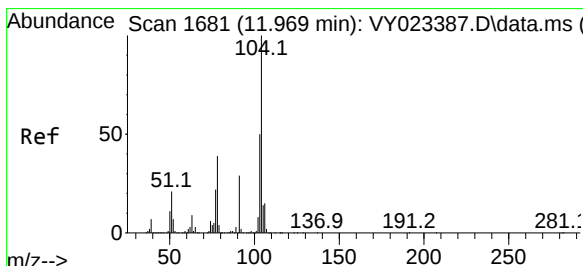
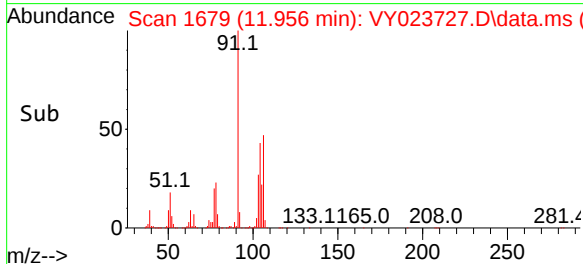
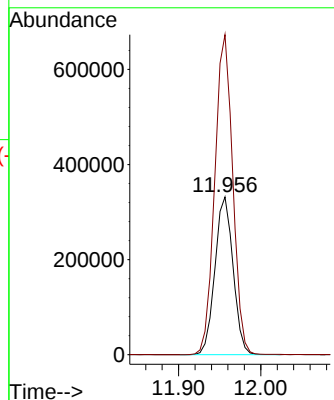
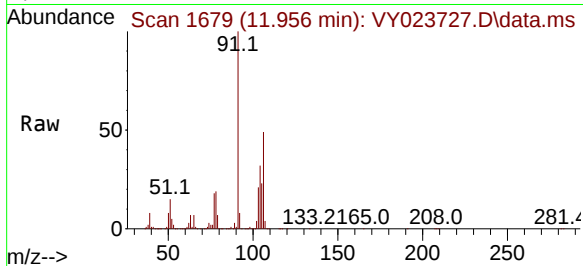




#69
o-Xylene
Concen: 53.000 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

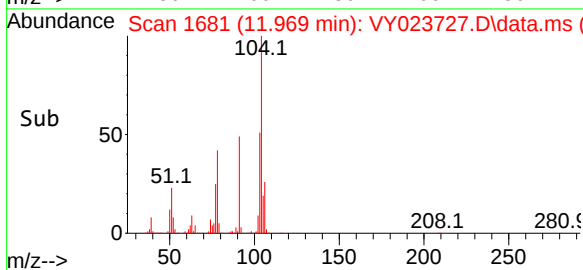
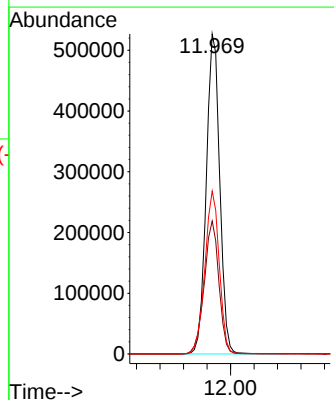
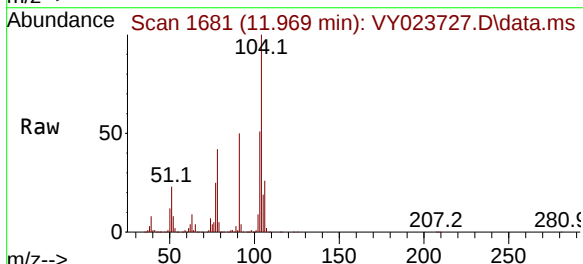
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

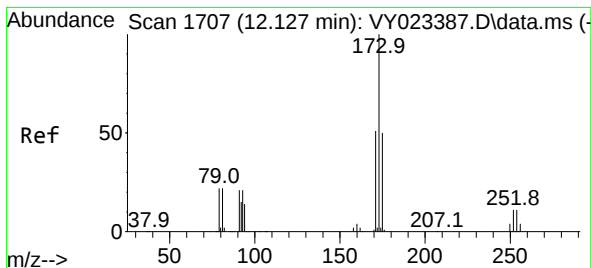
Tgt Ion:106 Resp: 508134
Ion Ratio Lower Upper
106 100
91 201.7 101.4 304.1



#70
Styrene
Concen: 53.242 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion:104 Resp: 839426
Ion Ratio Lower Upper
104 100
78 45.0 36.1 54.1
103 54.3 43.2 64.8





#71

Bromoform

Concen: 48.508 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

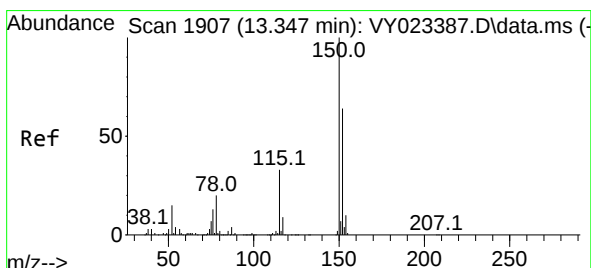
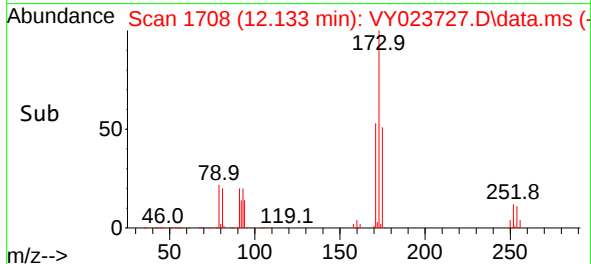
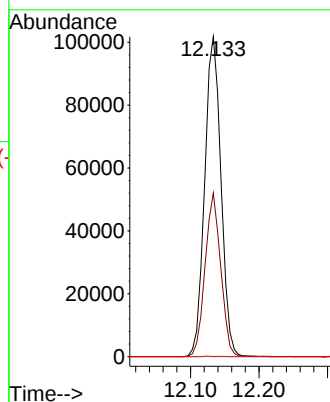
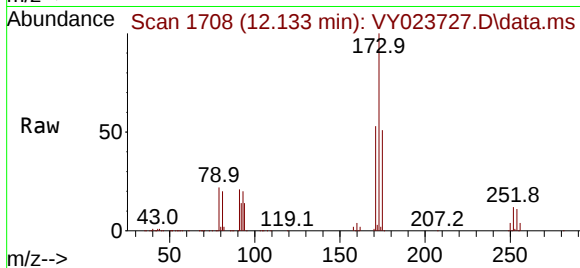
Tgt Ion:173 Resp: 168810

Ion Ratio Lower Upper

173 100

175 49.0 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

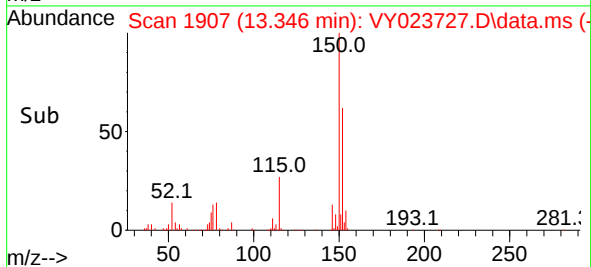
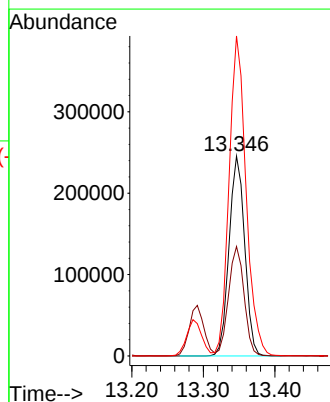
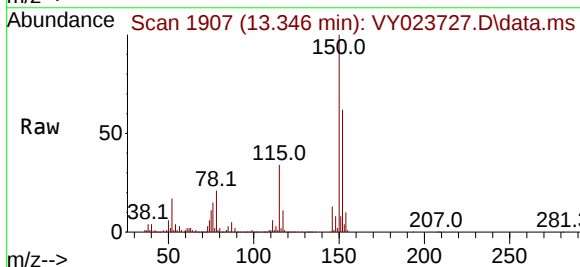
Tgt Ion:152 Resp: 373081

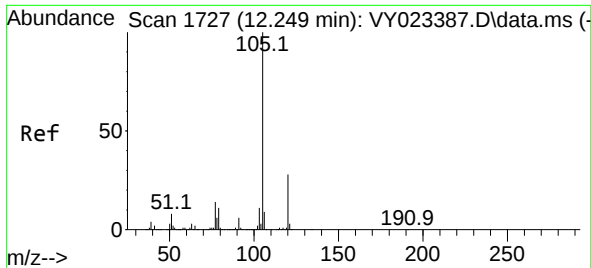
Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.2

150 173.6 0.0 347.4

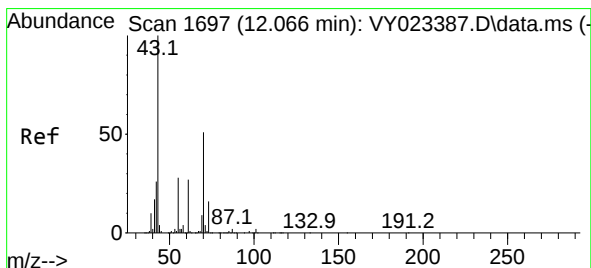
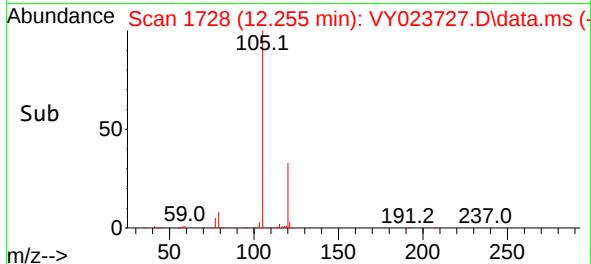
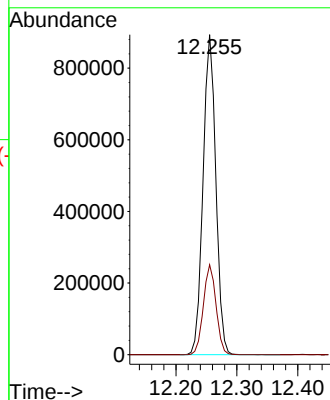
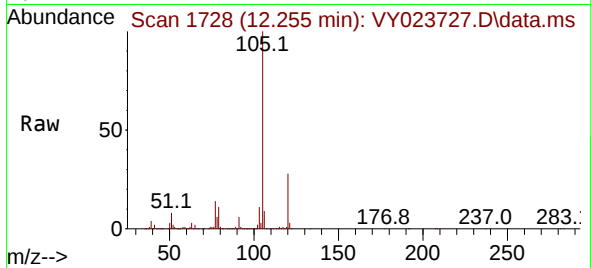




#73
Isopropylbenzene
Concen: 52.898 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

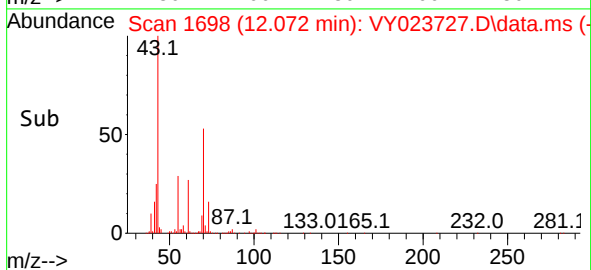
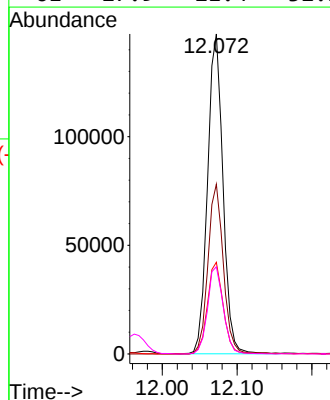
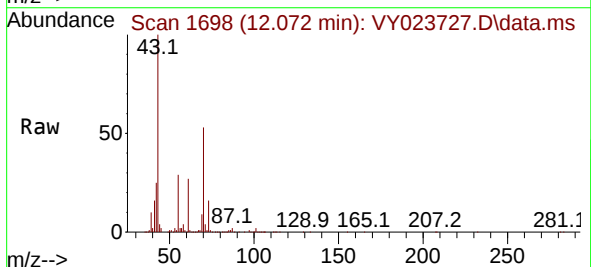
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

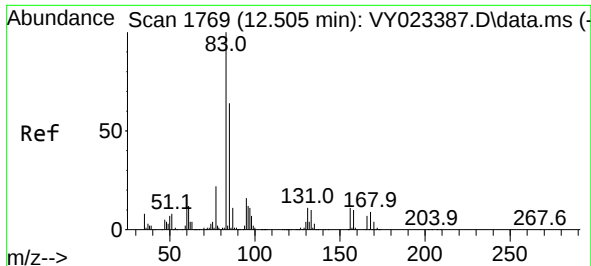
Tgt Ion:105 Resp: 1300577
Ion Ratio Lower Upper
105 100
120 27.9 13.9 41.7



#74
N-ethyl acetate
Concen: 47.658 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 43 Resp: 210461
Ion Ratio Lower Upper
43 100
70 53.1 41.1 61.7
55 29.5 23.0 34.6
61 27.9 21.4 32.2

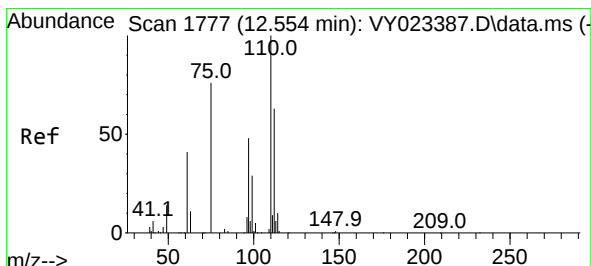
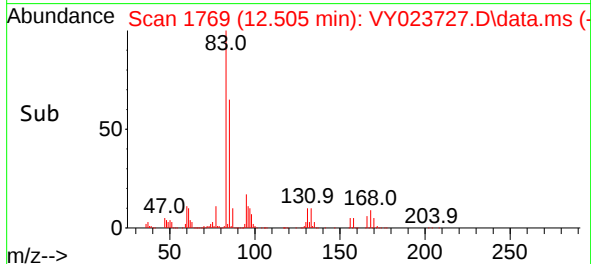
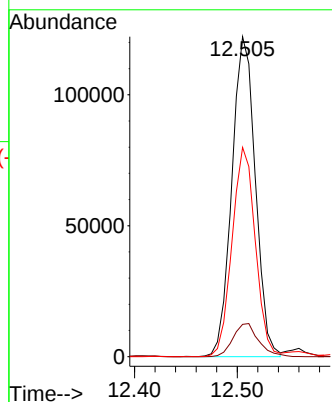
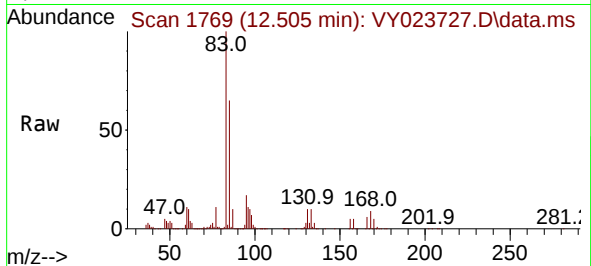




#75
1,1,2,2-Tetrachloroethane
Concen: 48.412 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

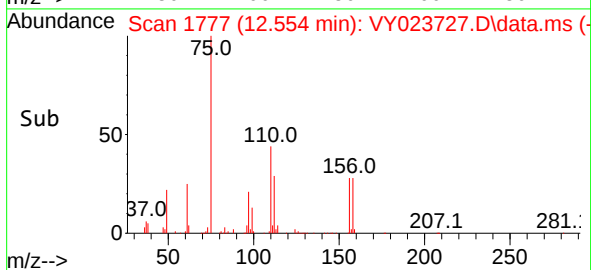
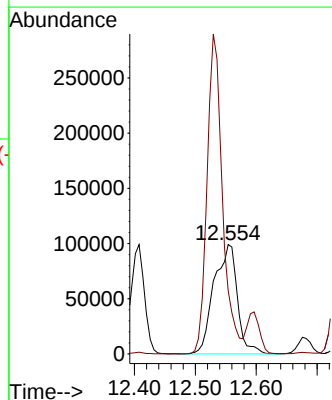
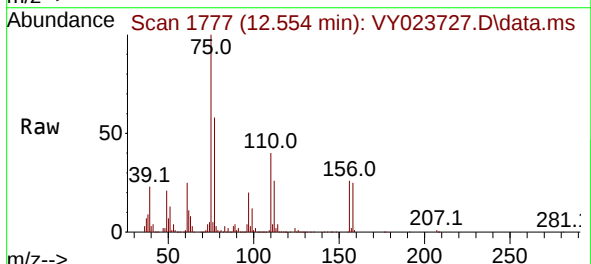
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

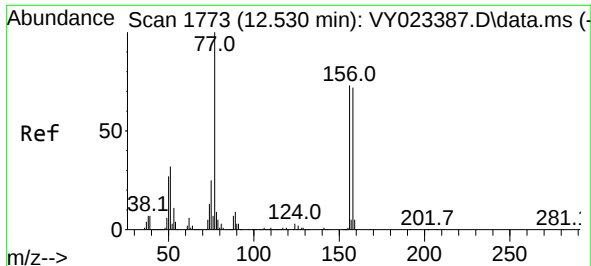
Tgt Ion: 83 Resp: 194679
Ion Ratio Lower Upper
83 100
131 11.2 5.9 17.6
85 64.6 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 80.114 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 75 Resp: 263701
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

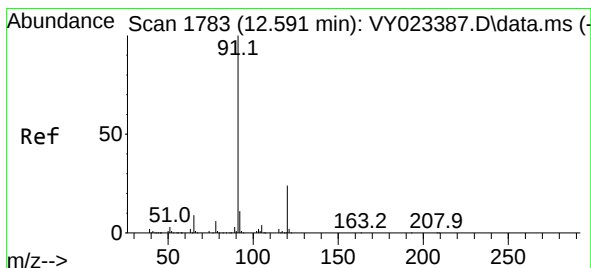
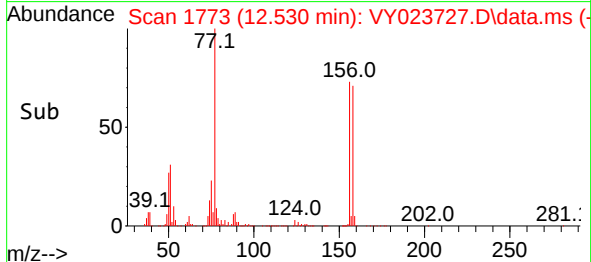
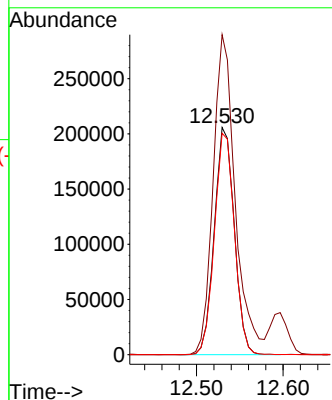
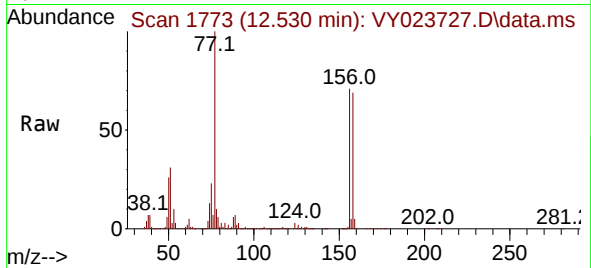




#77
Bromobenzene
Concen: 50.460 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

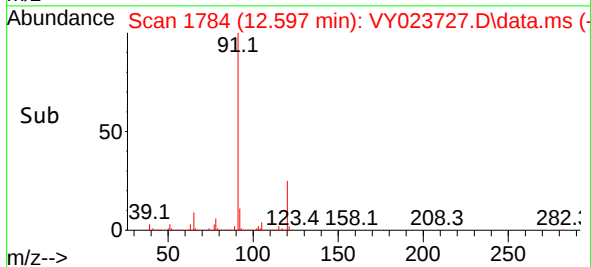
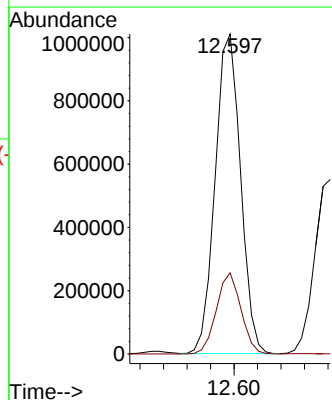
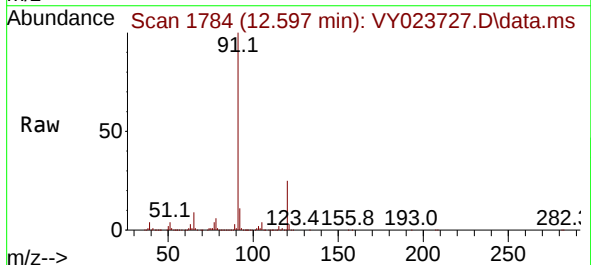
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

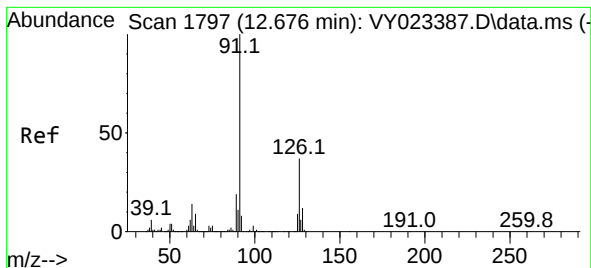
Tgt Ion:156 Resp: 329827
Ion Ratio Lower Upper
156 100
77 155.4 76.8 230.5
158 97.9 49.0 147.2



#78
n-propylbenzene
Concen: 53.314 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 91 Resp: 1516866
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8

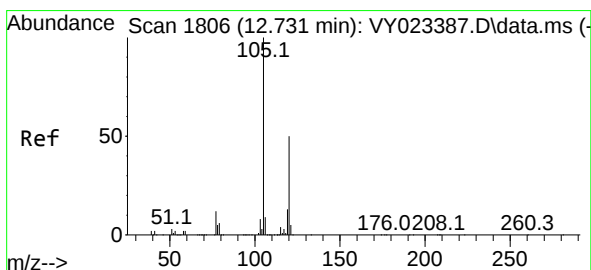
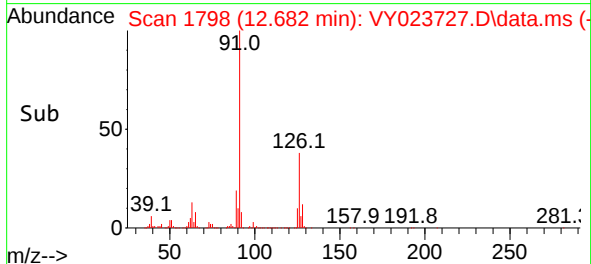
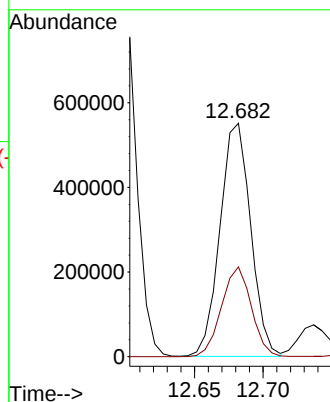
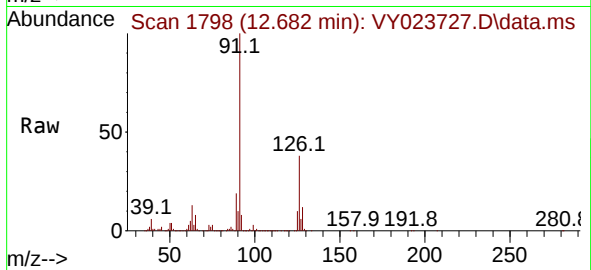




#79
2-Chlorotoluene
Concen: 51.549 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

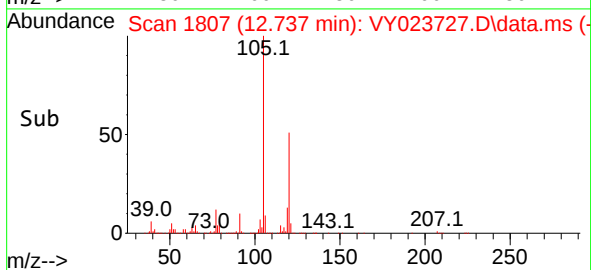
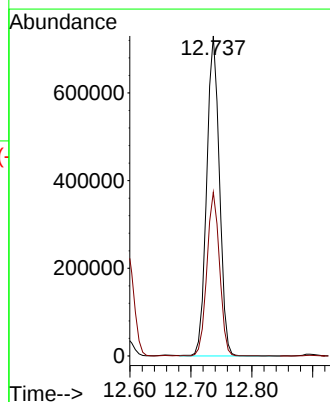
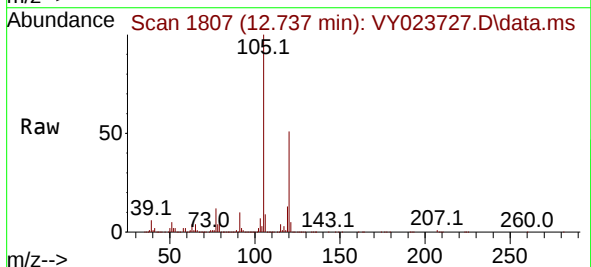
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

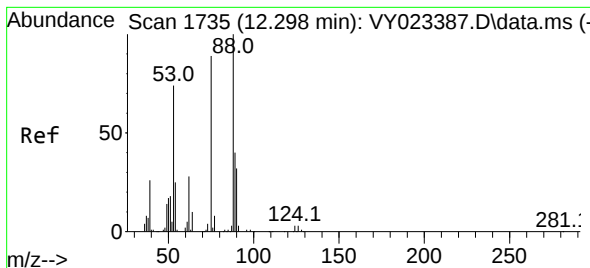
Tgt Ion: 91 Resp: 858863
Ion Ratio Lower Upper
91 100
126 37.5 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 53.243 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 105 Resp: 1057819
Ion Ratio Lower Upper
105 100
120 50.8 25.4 76.4

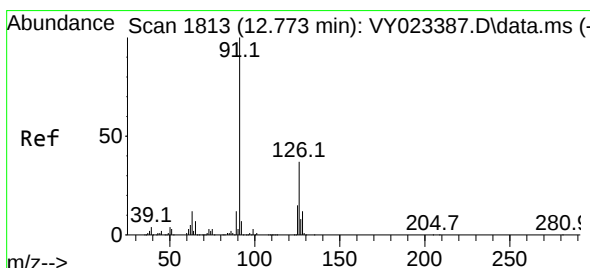
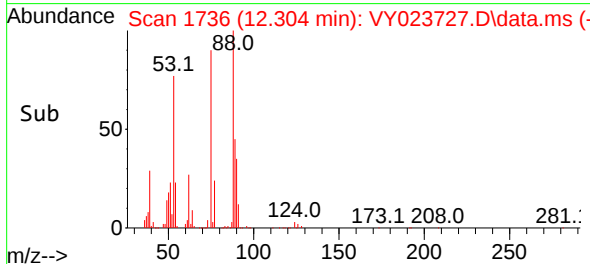
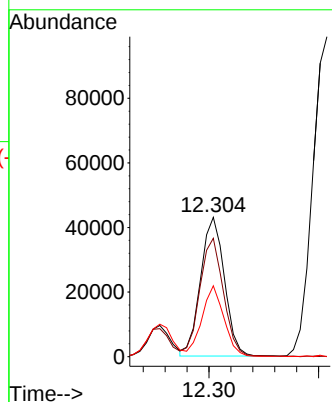
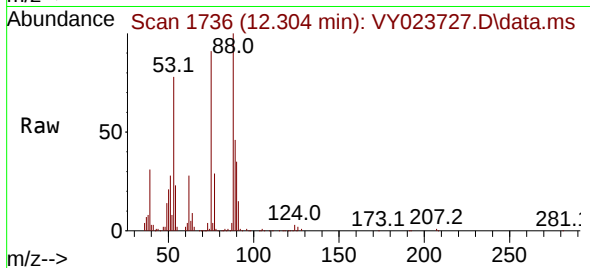




#81
trans-1,4-Dichloro-2-butene
Concen: 48.374 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

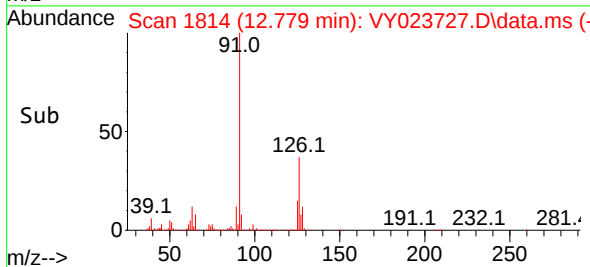
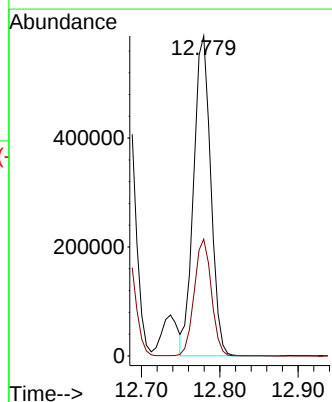
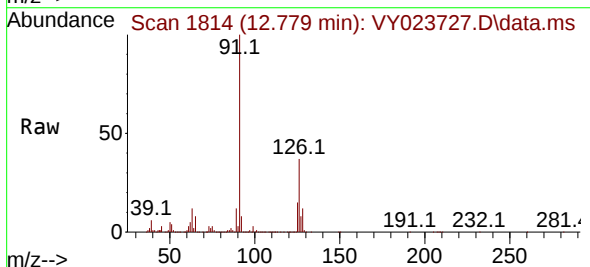
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

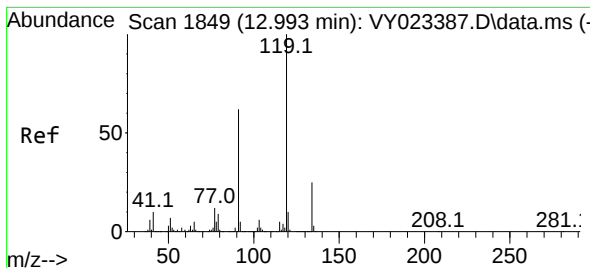
Tgt Ion: 75 Resp: 64932
Ion Ratio Lower Upper
75 100
53 85.8 68.6 102.8
89 46.8 39.0 58.4



#82
4-Chlorotoluene
Concen: 51.984 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 91 Resp: 891991
Ion Ratio Lower Upper
91 100
126 36.5 18.4 55.4





#83

tert-Butylbenzene

Concen: 51.914 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

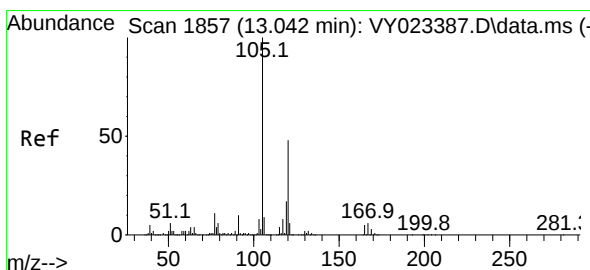
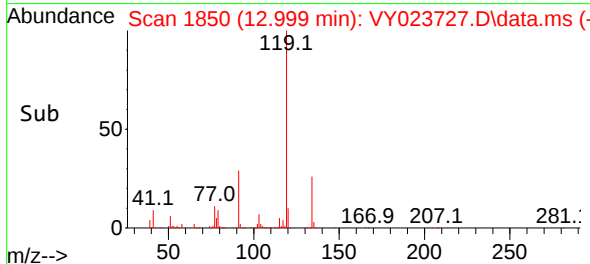
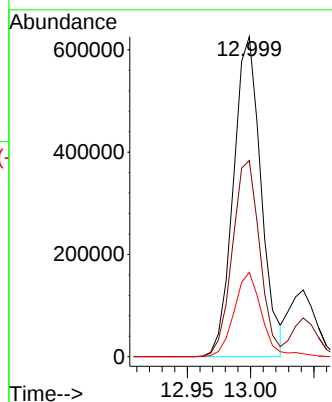
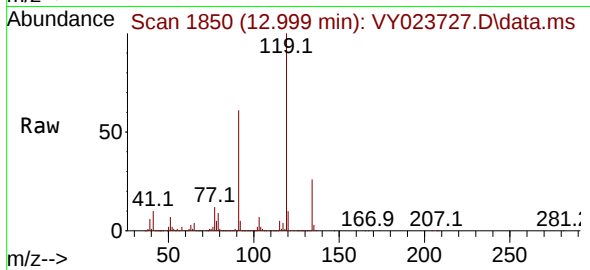
Tgt Ion:119 Resp: 952311

Ion Ratio Lower Upper

119 100

91 60.9 29.9 89.8

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 53.318 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023727.D

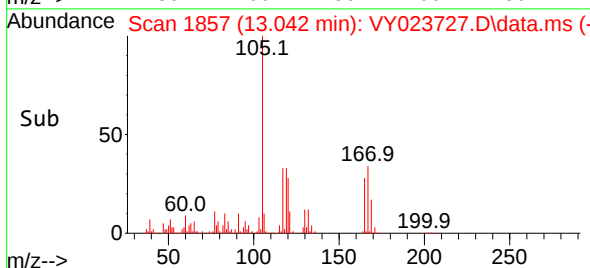
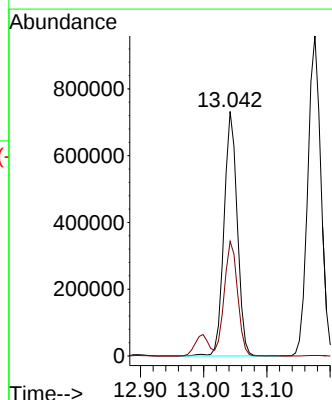
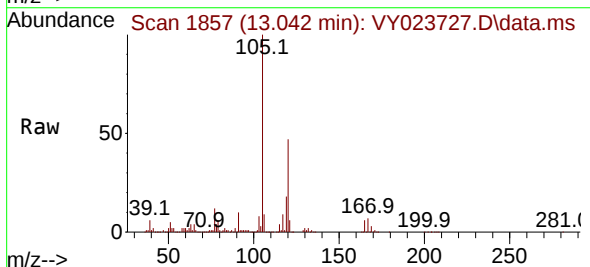
Acq: 10 Nov 2025 20:01

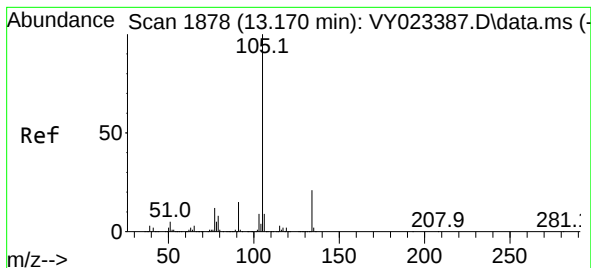
Tgt Ion:105 Resp: 1057179

Ion Ratio Lower Upper

105 100

120 47.0 23.8 71.2

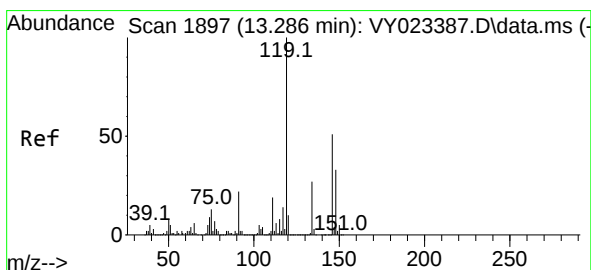
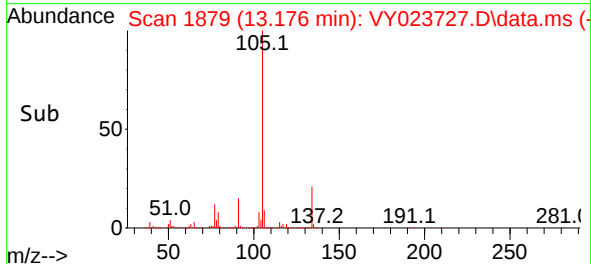
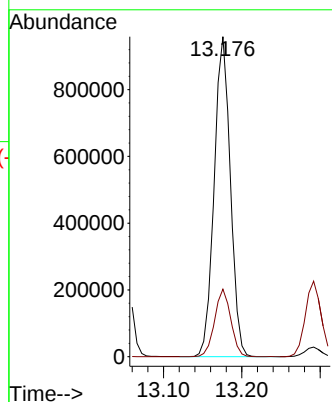
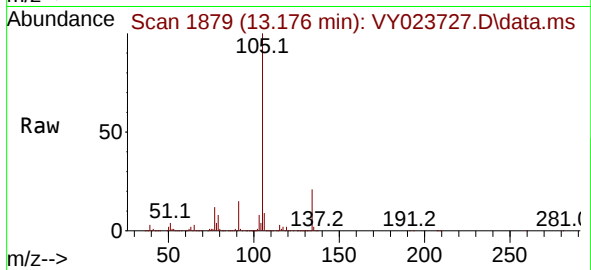




#85
 sec-Butylbenzene
 Concen: 52.273 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023727.D
 Acq: 10 Nov 2025 20:01

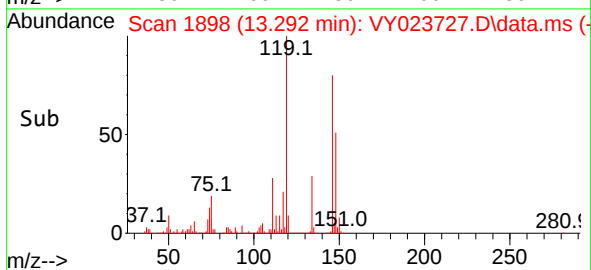
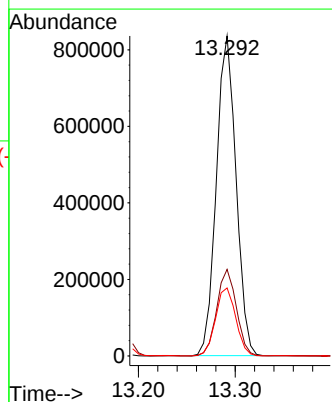
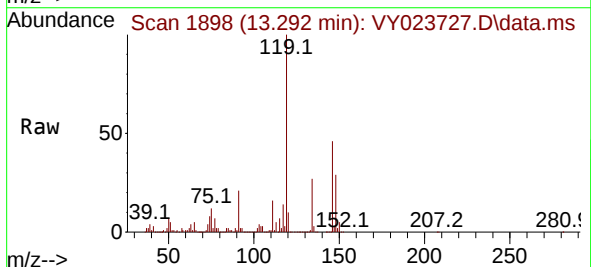
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

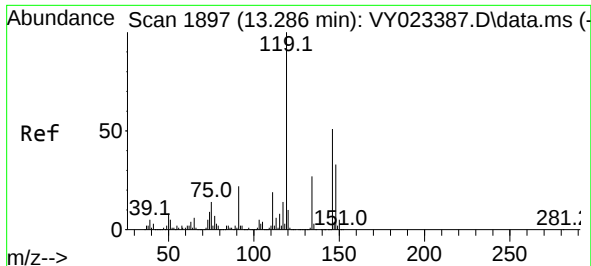
Tgt Ion:105 Resp: 1375532
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 52.627 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023727.D
 Acq: 10 Nov 2025 20:01

Tgt Ion:119 Resp: 1179080
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 21.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 49.818 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

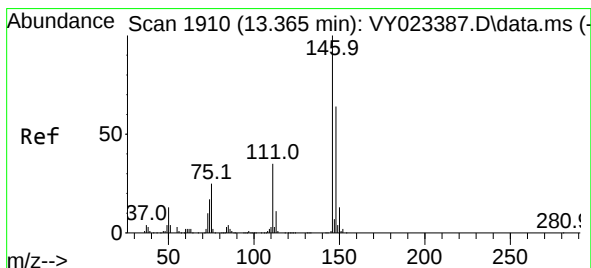
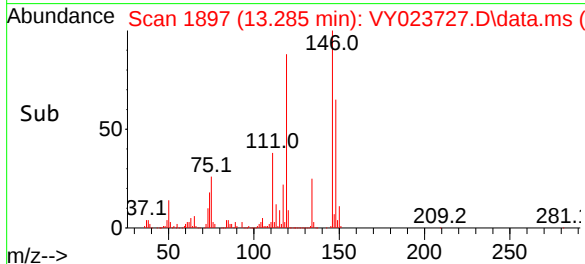
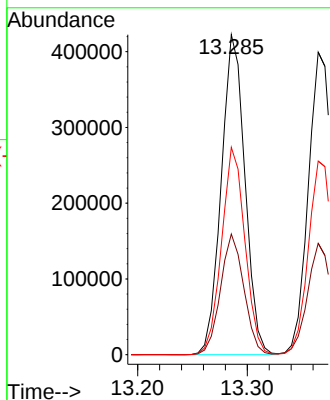
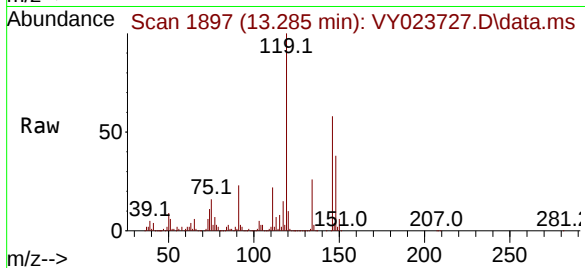
Tgt Ion:146 Resp: 634100

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.252 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

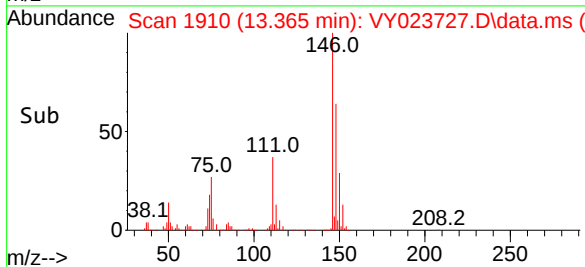
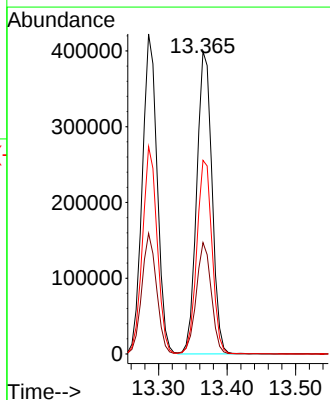
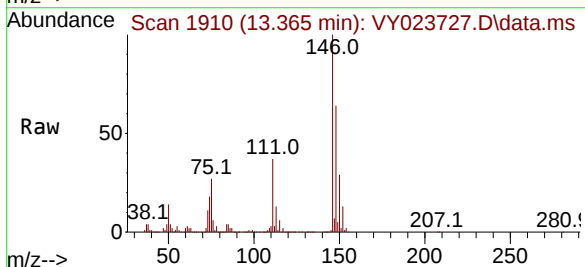
Tgt Ion:146 Resp: 619142

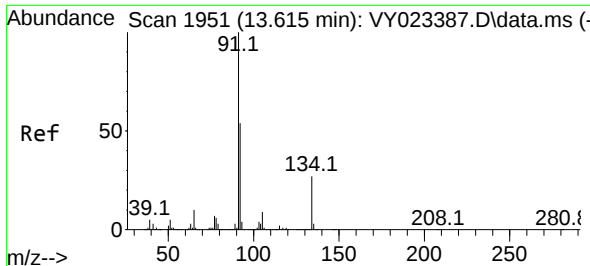
Ion Ratio Lower Upper

146 100

111 36.3 18.0 54.0

148 63.9 31.9 95.7

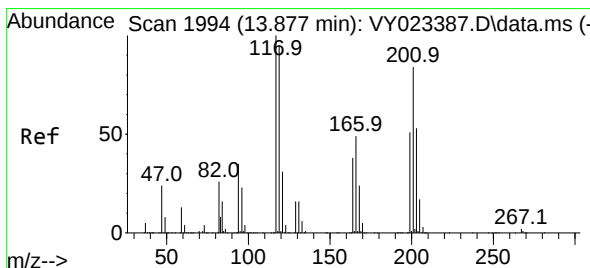
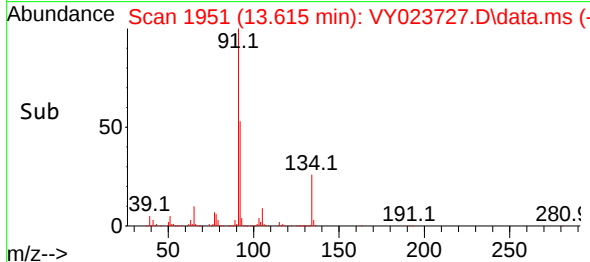
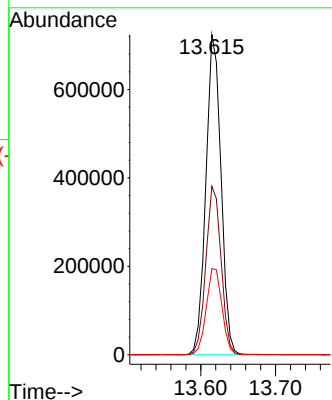
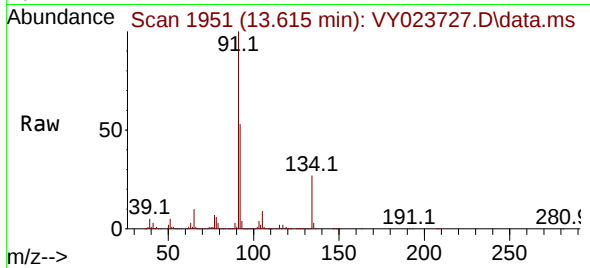




#89
n-Butylbenzene
Concen: 52.052 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

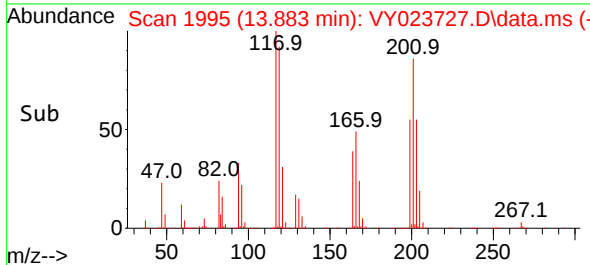
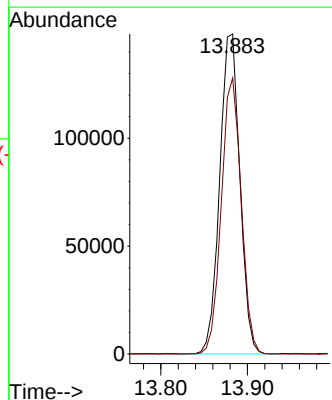
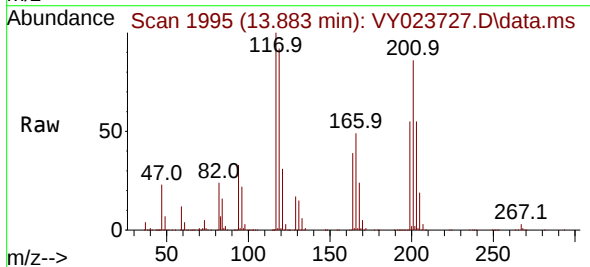
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

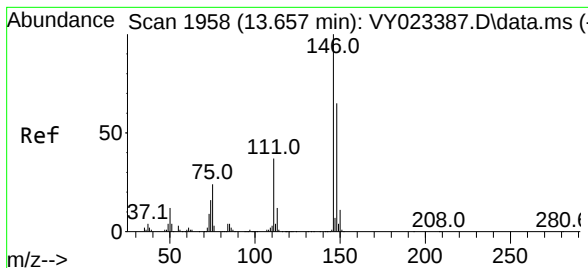
Tgt Ion: 91 Resp: 1016155
Ion Ratio Lower Upper
91 100
92 53.1 27.0 80.8
134 27.9 14.1 42.2



#90
Hexachloroethane
Concen: 49.787 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 117 Resp: 239912
Ion Ratio Lower Upper
117 100
201 84.9 43.8 131.4

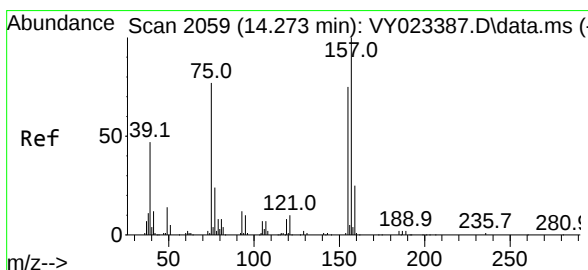
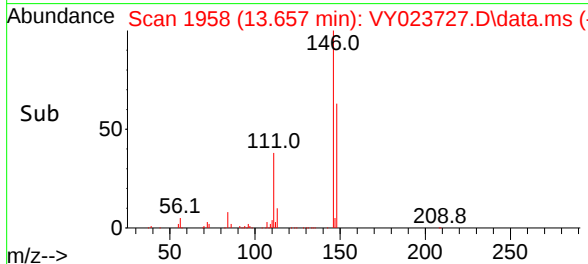
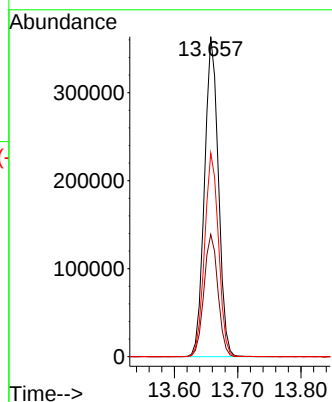
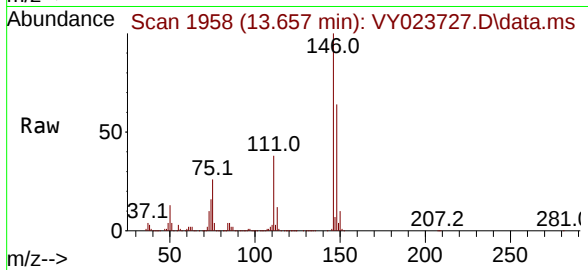




#91
1,2-Dichlorobenzene
Concen: 49.842 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

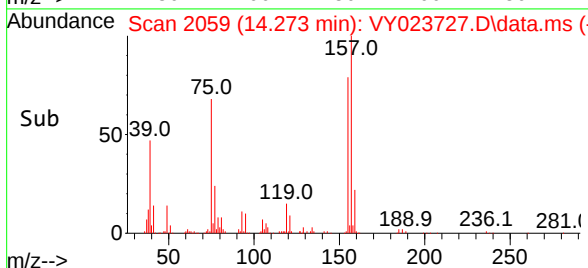
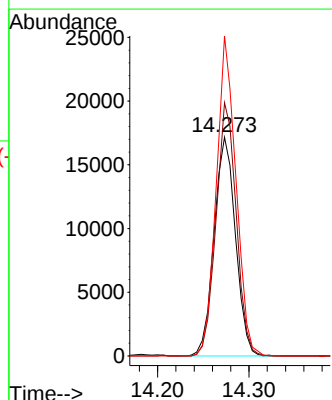
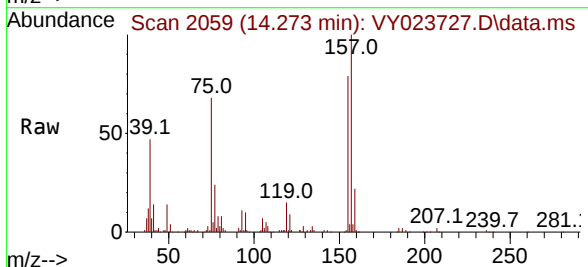
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

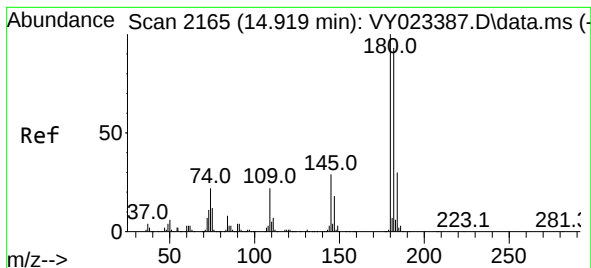
Tgt Ion:146 Resp: 556200
Ion Ratio Lower Upper
146 100
111 38.5 19.0 57.0
148 63.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.369 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023727.D
Acq: 10 Nov 2025 20:01

Tgt Ion: 75 Resp: 27956
Ion Ratio Lower Upper
75 100
155 109.2 50.0 150.0
157 134.1 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 46.179 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

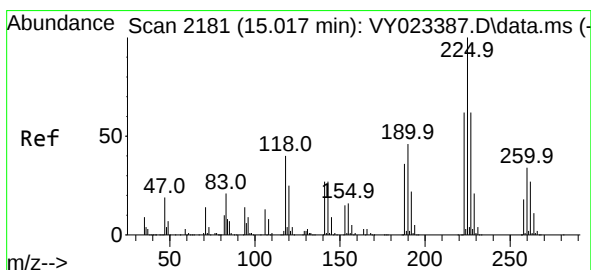
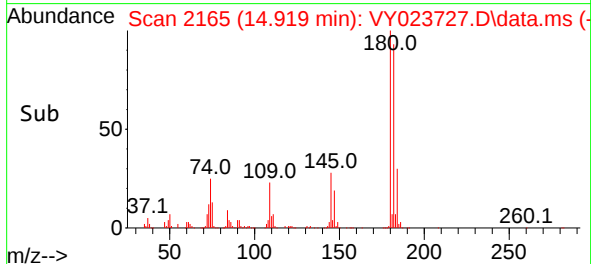
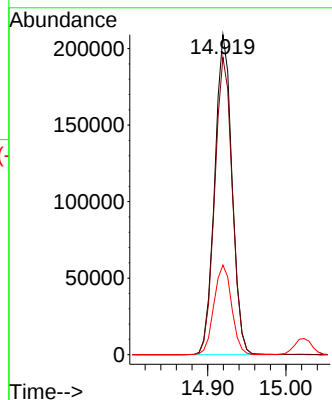
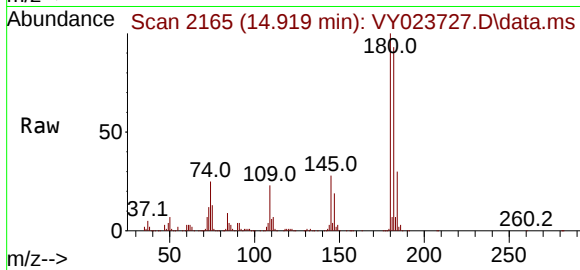
Tgt Ion:180 Resp: 321260

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.6

145 28.6 14.7 44.1



#94

Hexachlorobutadiene

Concen: 45.684 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

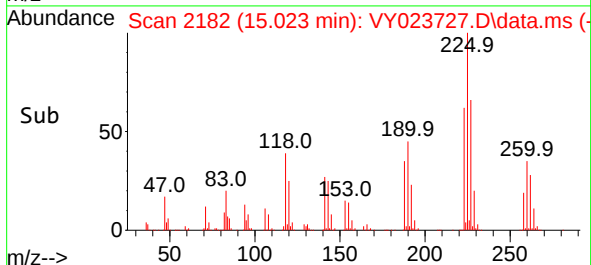
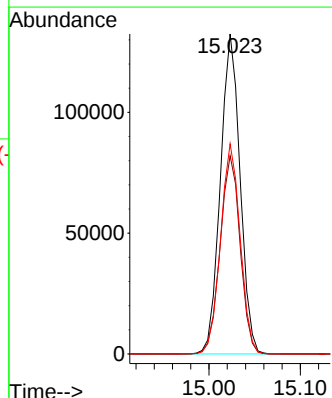
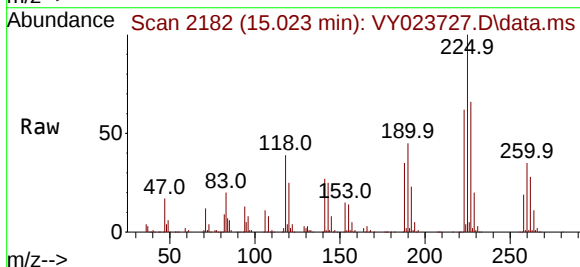
Tgt Ion:225 Resp: 198116

Ion Ratio Lower Upper

225 100

223 62.8 30.8 92.3

227 65.5 31.9 95.7





#95

Naphthalene

Concen: 45.877 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

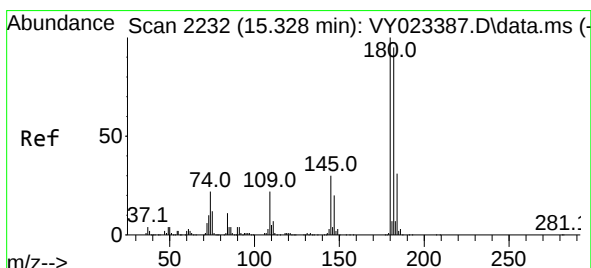
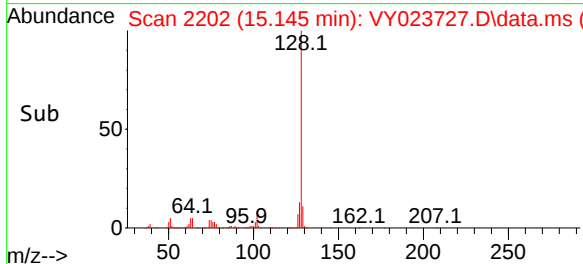
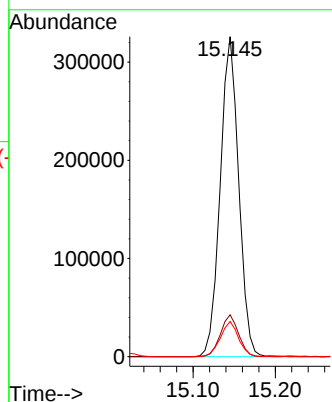
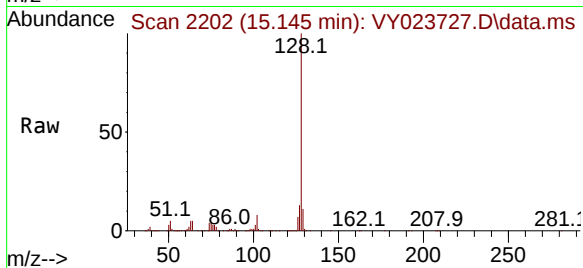
Tgt Ion:128 Resp: 508226

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 44.896 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023727.D

Acq: 10 Nov 2025 20:01

Tgt Ion:180 Resp: 270538

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

145 30.7 15.3 45.9

