

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
 Data File : VY023690.D
 Acq On : 05 Nov 2025 15:26
 Operator : SY/MD
 Sample : VSTDC0050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 06 03:31:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	513292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	795326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	723833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	369586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	232991	53.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.420%	
35) Dibromofluoromethane	7.634	113	252577	50.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.109	98	953929	51.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.402	95	321631	53.718	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	129785	38.519	ug/l	99
3) Chloromethane	2.074	50	223925	47.492	ug/l	98
4) Vinyl Chloride	2.208	62	276293	45.033	ug/l	99
5) Bromomethane	2.598	94	236833	45.890	ug/l	98
6) Chloroethane	2.739	64	206529	48.704	ug/l	100
7) Trichlorofluoromethane	3.062	101	370649	42.895	ug/l	99
8) Diethyl Ether	3.458	74	120025	51.797	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	205562	43.178	ug/l	100
10) Methyl Iodide	4.007	142	302885	53.877	ug/l	99
11) Tert butyl alcohol	4.848	59	79188	280.486	ug/l	97
12) 1,1-Dichloroethene	3.793	96	217574	47.442	ug/l	99
13) Acrolein	3.653	56	78206	215.517	ug/l	100
14) Allyl chloride	4.385	41	297281	53.256	ug/l	98
15) Acrylonitrile	5.061	53	244719	276.350	ug/l	99
16) Acetone	3.866	43	282204	259.296	ug/l	99
17) Carbon Disulfide	4.110	76	687920	48.873	ug/l	99
18) Methyl Acetate	4.385	43	134175	55.893	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	579796	54.522	ug/l	99
20) Methylene Chloride	4.622	84	266743	50.770	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	265683	51.380	ug/l	99
22) Diisopropyl ether	6.025	45	697140	56.048	ug/l	99
23) Vinyl Acetate	5.964	43	1890371	284.797	ug/l	99
24) 1,1-Dichloroethane	5.915	63	431387	52.061	ug/l	100
25) 2-Butanone	6.896	43	334333	265.696	ug/l	100
26) 2,2-Dichloropropane	6.884	77	386458	50.702	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	313614	53.104	ug/l	100
28) Bromochloromethane	7.250	49	172506	54.371	ug/l	97
29) Tetrahydrofuran	7.262	42	190527	284.307	ug/l	98
30) Chloroform	7.421	83	483189	52.263	ug/l	99
31) Cyclohexane	7.701	56	322342	44.669	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	407603	49.328	ug/l	100
36) 1,1-Dichloropropene	7.841	75	315916	47.566	ug/l	99
37) Ethyl Acetate	6.988	43	137542	53.496	ug/l	99
38) Carbon Tetrachloride	7.817	117	358251	45.781	ug/l	99
39) Methylcyclohexane	9.109	83	377012	44.427	ug/l	97
40) Benzene	8.079	78	1056298	50.457	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	67329	47.975	ug/l	94
42) 1,2-Dichloroethane	8.158	62	270477	51.068	ug/l	99
43) Isopropyl Acetate	8.201	43	255211	52.830	ug/l	99
44) Trichloroethene	8.866	130	288539	47.987	ug/l	99
45) 1,2-Dichloropropane	9.140	63	234628	50.782	ug/l	100
46) Dibromomethane	9.231	93	146123	51.043	ug/l	99
47) Bromodichloromethane	9.426	83	372691	51.636	ug/l	100
48) Methyl methacrylate	9.219	41	122904	53.849	ug/l	97
49) 1,4-Dioxane	9.225	88	31518	1075.802	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	693029	269.759	ug/l	100
52) Toluene	10.170	92	687344	51.427	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	325499	53.298	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	384357	52.529	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	198145	51.792	ug/l	97
56) Ethyl methacrylate	10.438	69	231114	54.829	ug/l	99
57) 1,3-Dichloropropane	10.719	76	318379	52.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	534565	276.367	ug/l	99
59) 2-Hexanone	10.762	43	496470	264.880	ug/l	100
60) Dibromochloromethane	10.908	129	270100	51.383	ug/l	100
61) 1,2-Dibromoethane	11.018	107	187614	52.254	ug/l	99
64) Tetrachloroethene	10.646	164	351629	46.672	ug/l	99
65) Chlorobenzene	11.444	112	768872	48.793	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	272907	48.977	ug/l	100
67) Ethyl Benzene	11.518	91	1281082	50.232	ug/l	98
68) m/p-Xylenes	11.627	106	1025195	100.612	ug/l	99
69) o-Xylene	11.956	106	481926	51.165	ug/l	98
70) Styrene	11.969	104	812522	52.282	ug/l	100
71) Bromoform	12.133	173	161380	49.589	ug/l #	100
73) Isopropylbenzene	12.255	105	1212261	49.042	ug/l	100
74) N-amyl acetate	12.072	43	213070	50.913	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	194436	49.251	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	262289	87.690	ug/l #	100
77) Bromobenzene	12.530	156	315816	49.255	ug/l	98
78) n-propylbenzene	12.597	91	1436472	49.405	ug/l	100
79) 2-Chlorotoluene	12.676	91	845205	50.095	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1021298	50.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	65790	49.708	ug/l	98
82) 4-Chlorotoluene	12.773	91	863097	49.603	ug/l	100
83) tert-Butylbenzene	12.993	119	892136	48.773	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1013527	50.951	ug/l	100
85) sec-Butylbenzene	13.176	105	1265067	47.950	ug/l	100
86) p-Isopropyltoluene	13.292	119	1090894	48.844	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	602450	47.738	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	586181	47.286	ug/l	100
89) n-Butylbenzene	13.615	91	950841	48.959	ug/l	99
90) Hexachloroethane	13.877	117	226359	47.162	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	526169	48.381	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	29724	48.900	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	300123	48.246	ug/l	99
94) Hexachlorobutadiene	15.023	225	178914	43.896	ug/l	99
95) Naphthalene	15.145	128	474629	44.312	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	257367	49.519	ug/l	99

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QLast Update : Wed Nov 05 04:41:50 2025
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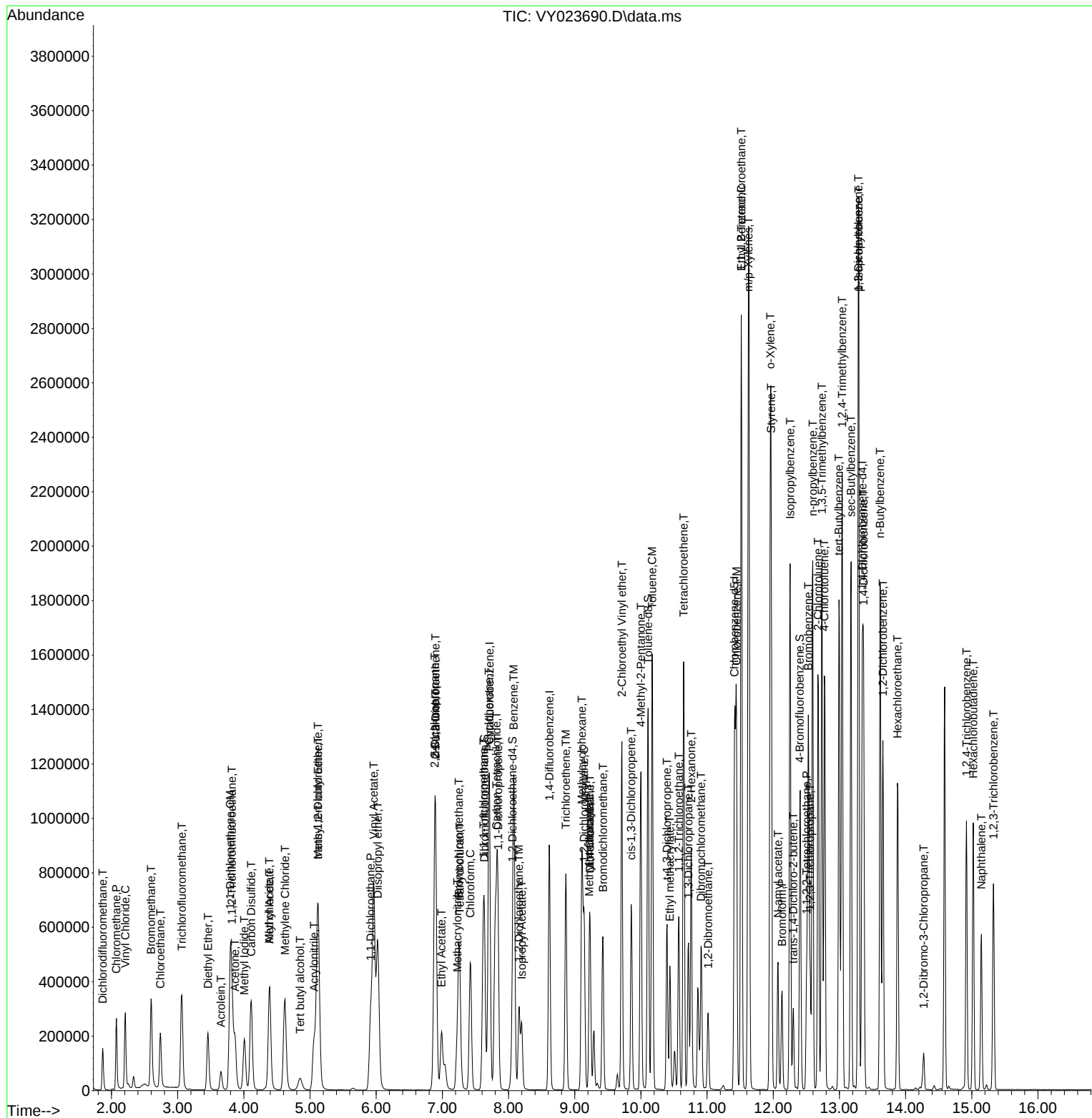
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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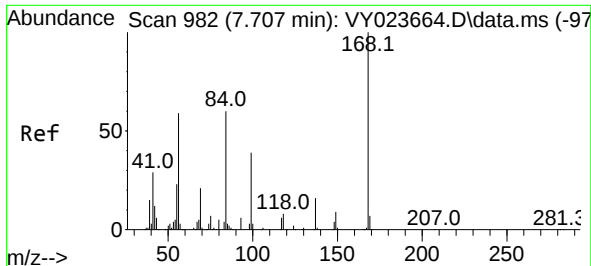
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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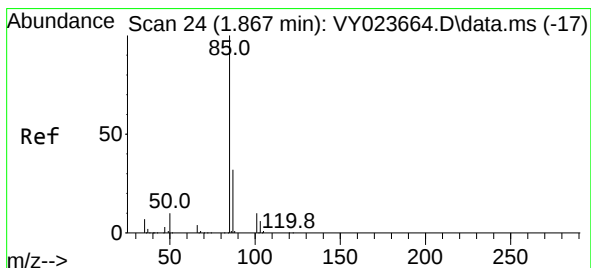
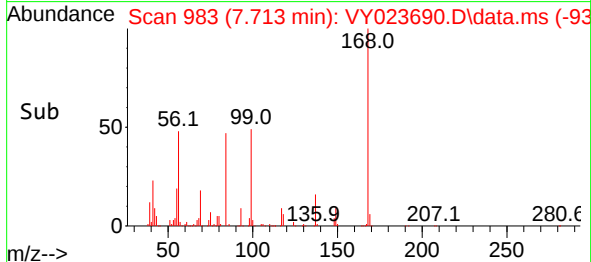
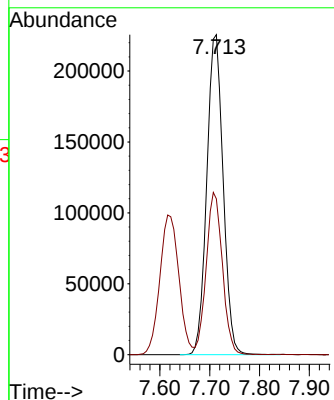
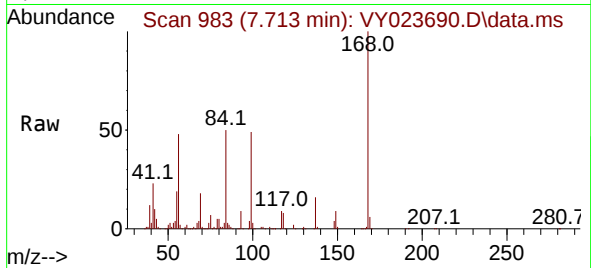




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023690.D
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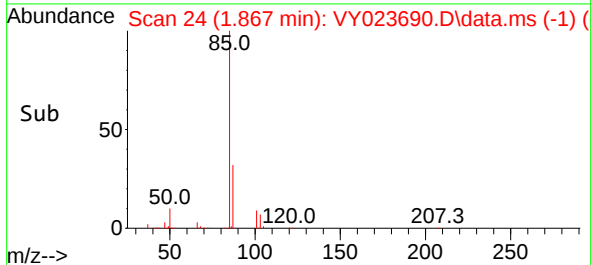
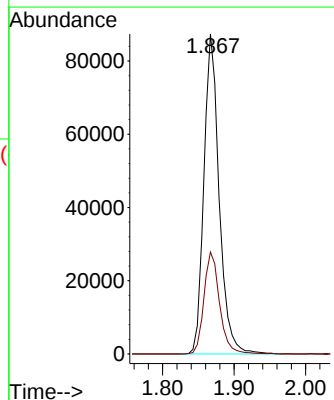
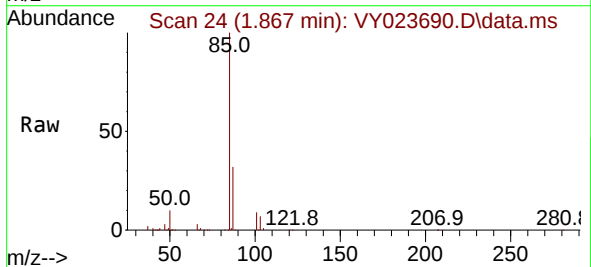
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

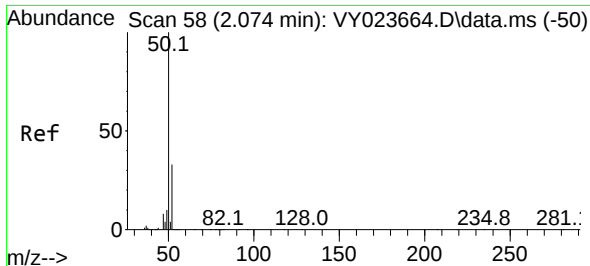
Tgt Ion:168 Resp: 513292
Ion Ratio Lower Upper
168 100
99 48.6 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 38.519 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 85 Resp: 129785
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6

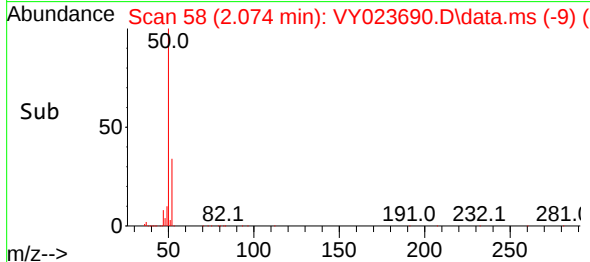
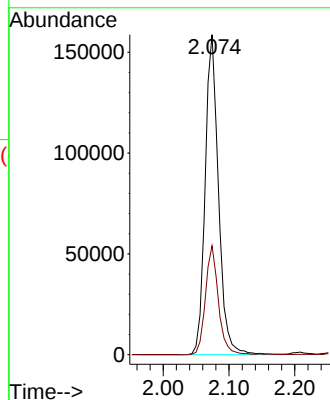
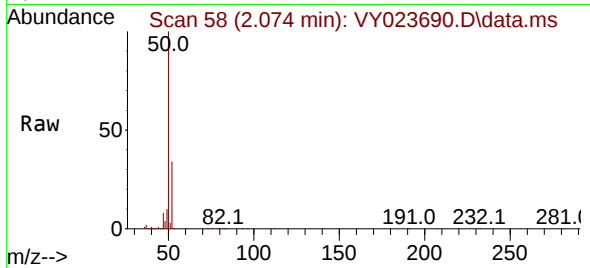




#3
Chloromethane
Concen: 47.492 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

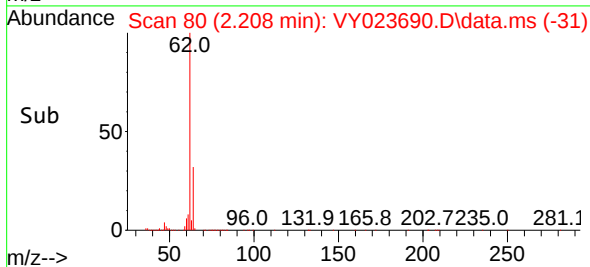
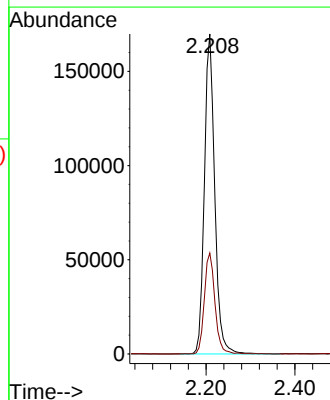
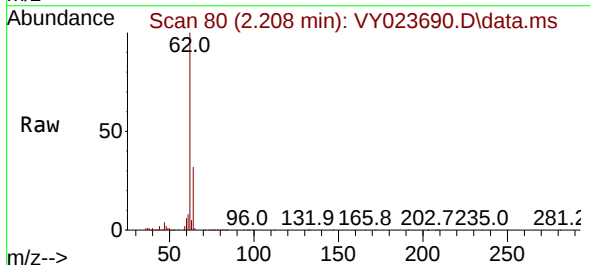
Instrument :
MSVOA_Y
ClientSampleId :
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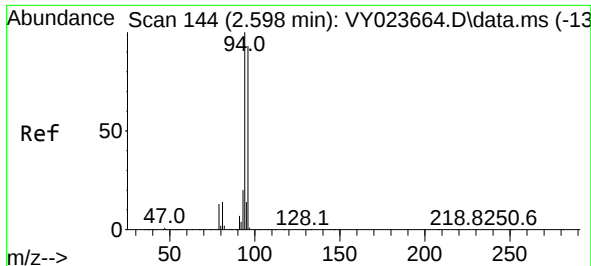
Tgt Ion: 50 Resp: 223925
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7



#4
Vinyl Chloride
Concen: 45.033 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 62 Resp: 276293
Ion Ratio Lower Upper
62 100
64 31.5 25.7 38.5

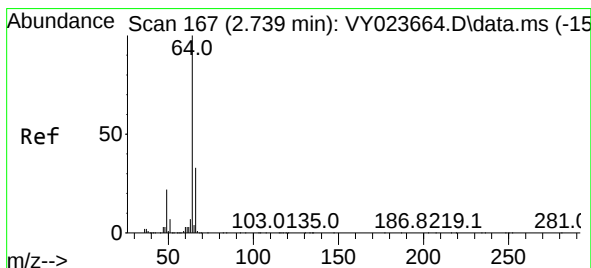
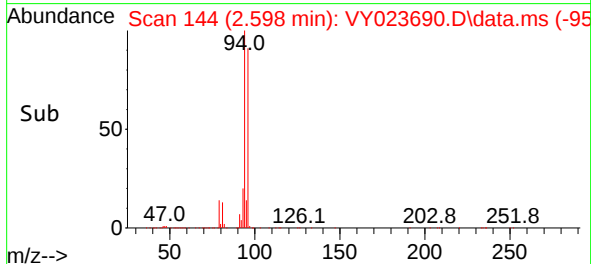
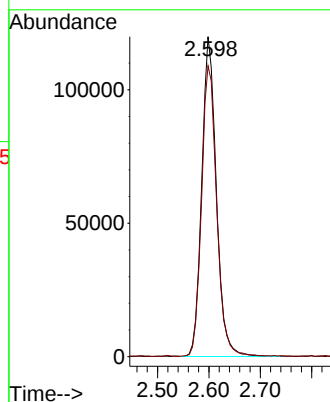
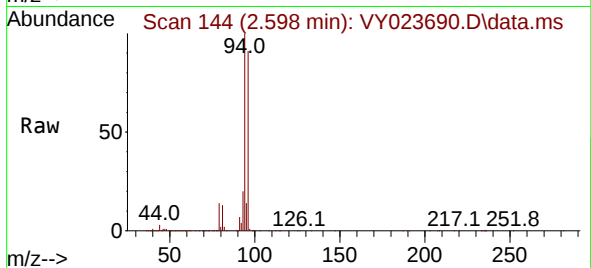




#5
Bromomethane
Concen: 45.890 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023690.D
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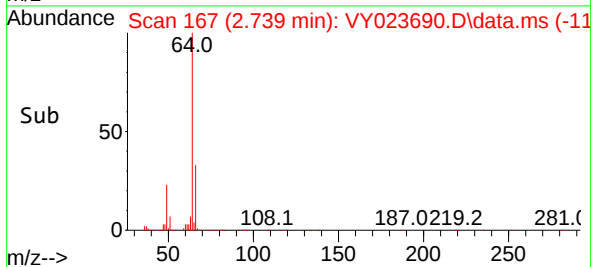
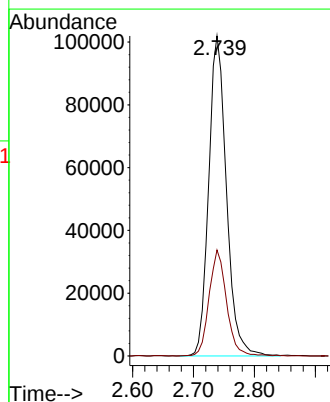
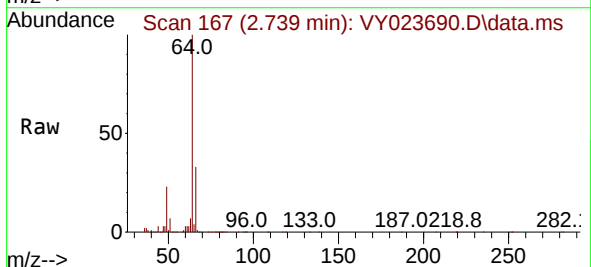
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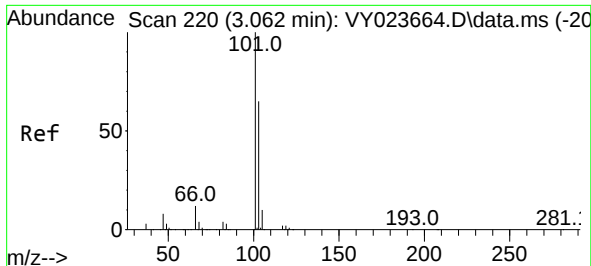
Tgt Ion: 94 Resp: 236833
Ion Ratio Lower Upper
94 100
96 90.8 74.4 111.6



#6
Chloroethane
Concen: 48.704 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 64 Resp: 206529
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4

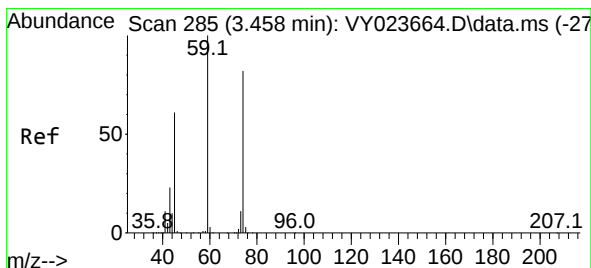
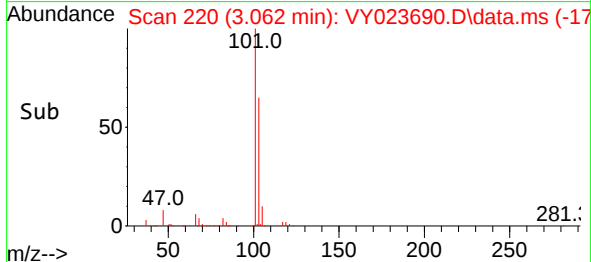
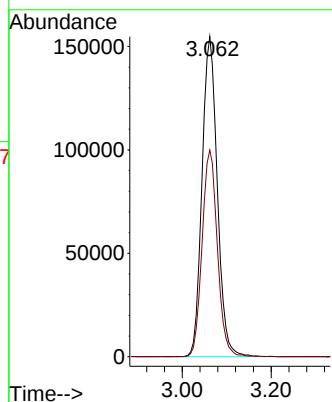
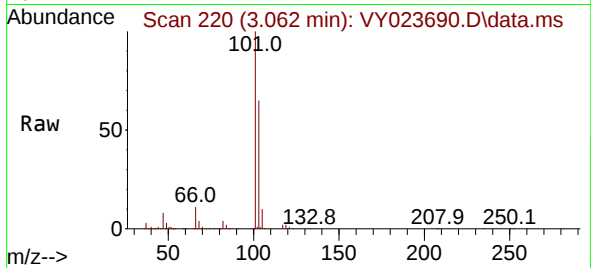




#7
 Trichlorofluoromethane
 Concen: 42.895 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023690.D
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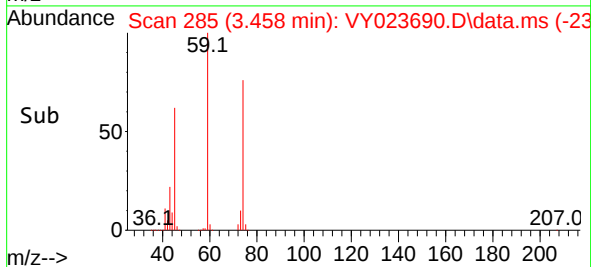
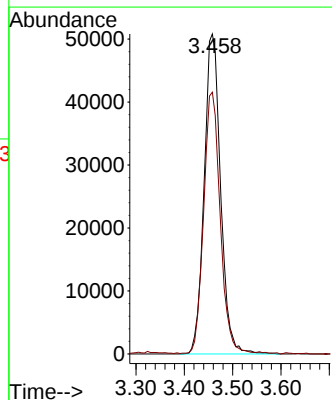
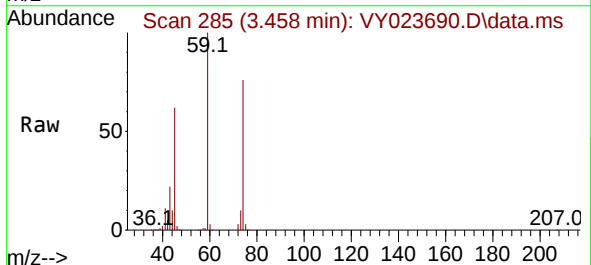
Instrument :
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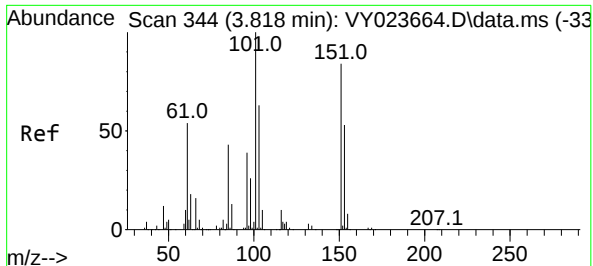
Tgt Ion:101 Resp: 370649
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.1 78.1



#8
 Diethyl Ether
 Concen: 51.797 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023690.D
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Tgt Ion: 74 Resp: 120025
 Ion Ratio Lower Upper
 74 100
 45 81.6 40.6 121.7

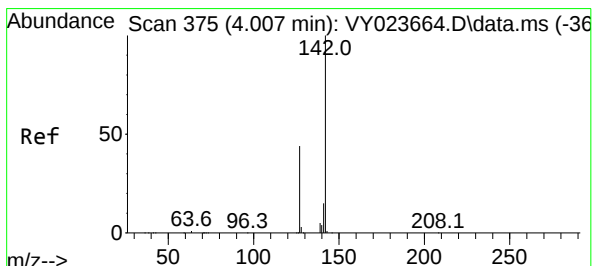
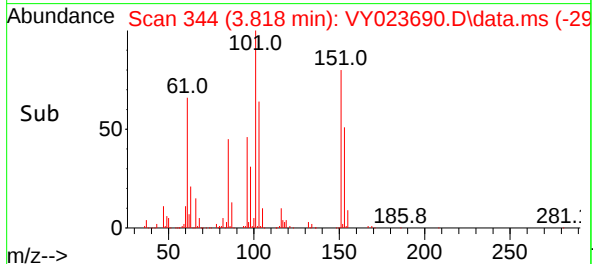
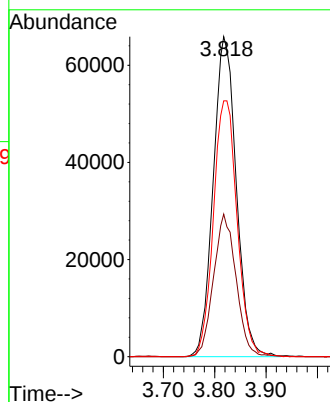
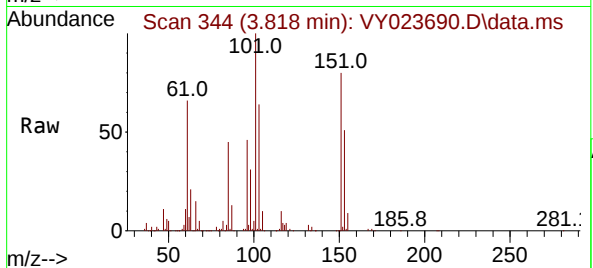




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.178 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

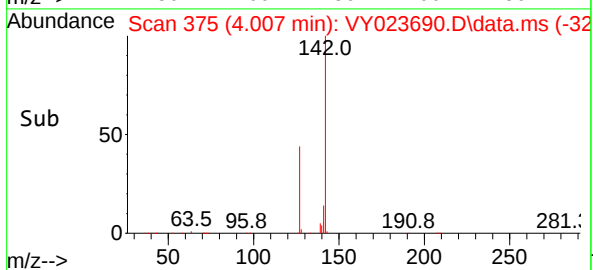
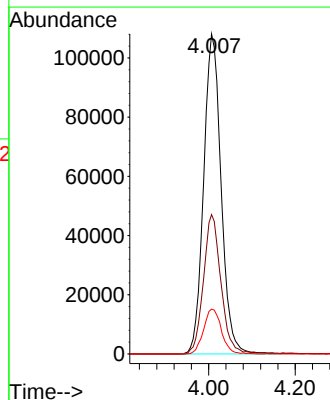
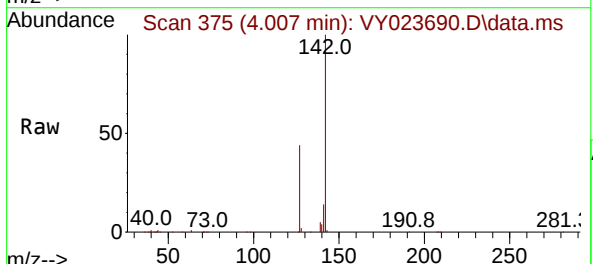
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

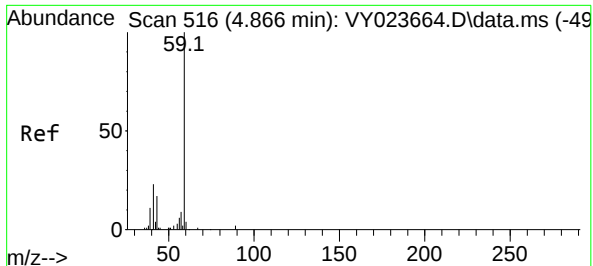
Tgt Ion:101 Resp: 205562
Ion Ratio Lower Upper
101 100
85 43.6 34.4 51.6
151 82.2 65.6 98.4



#10
Methyl Iodide
Concen: 53.877 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion:142 Resp: 302885
Ion Ratio Lower Upper
142 100
127 43.7 34.6 51.8
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 280.486 ug/l

RT: 4.848 min Scan# 516

Delta R.T. -0.018 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

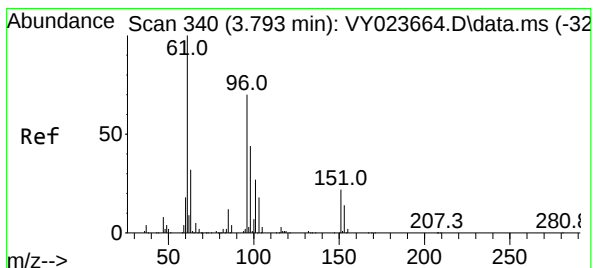
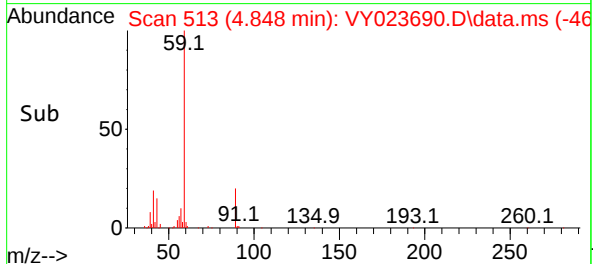
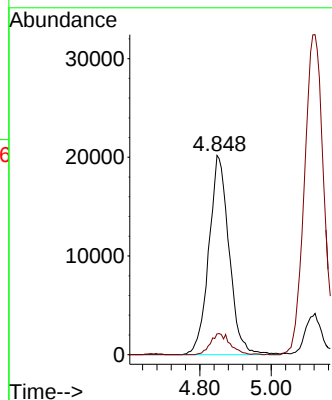
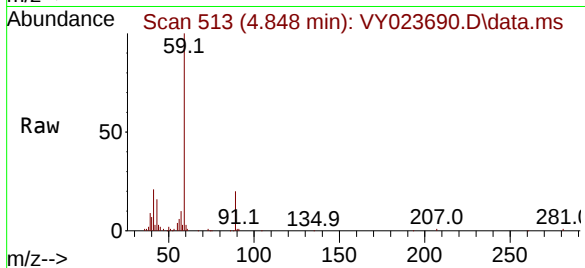
VSTDCCC050EC

Tgt Ion: 59 Resp: 79188

Ion Ratio Lower Upper

59 100

57 10.3 7.4 11.2



#12

1,1-Dichloroethene

Concen: 47.442 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

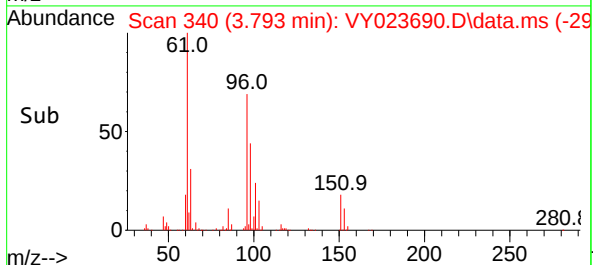
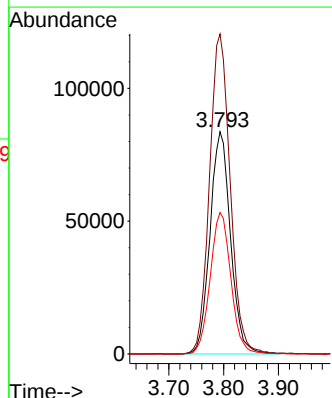
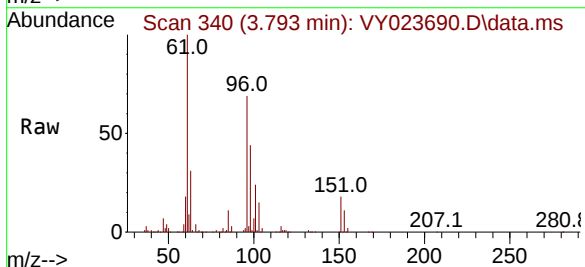
Tgt Ion: 96 Resp: 217574

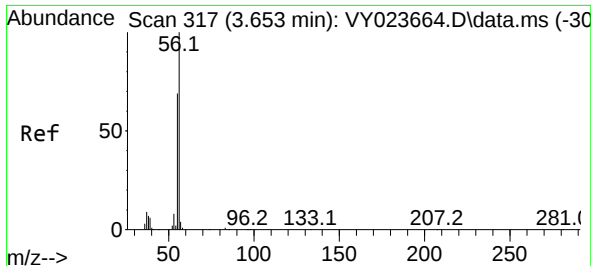
Ion Ratio Lower Upper

96 100

61 143.9 114.0 171.0

98 63.6 50.2 75.2

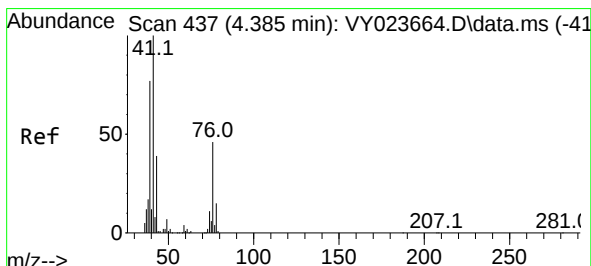
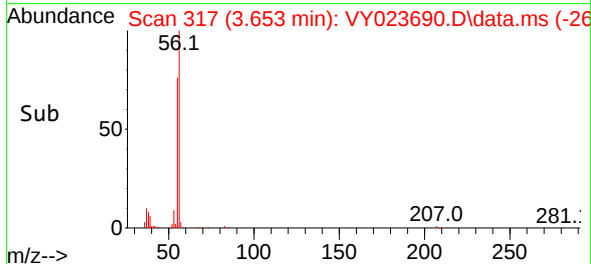
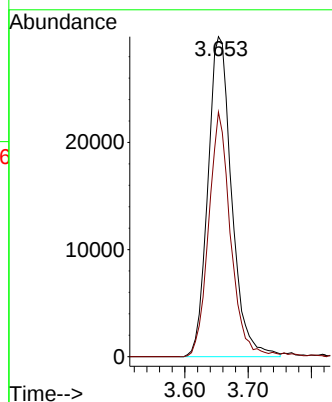
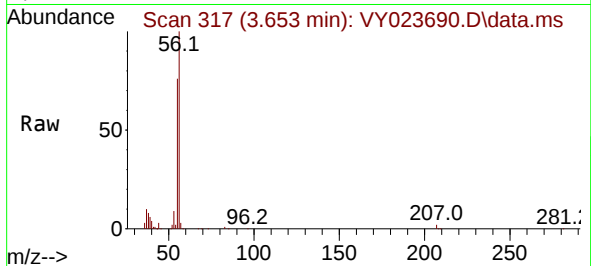




#13
Acrolein
Concen: 215.517 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

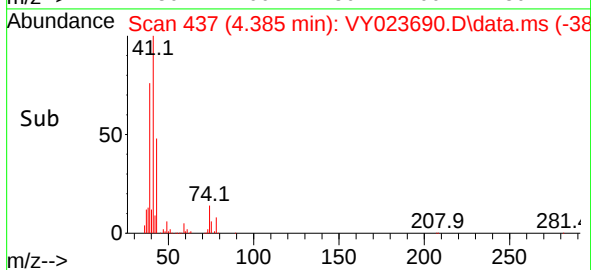
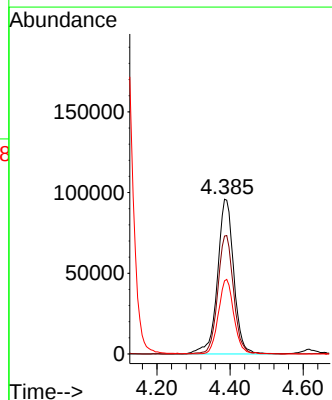
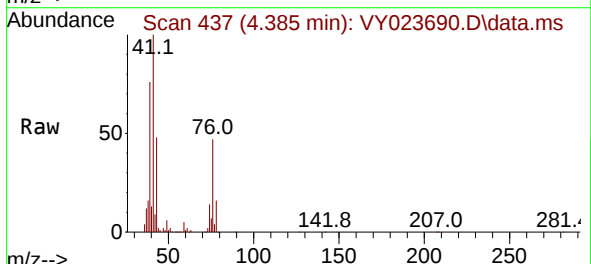
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

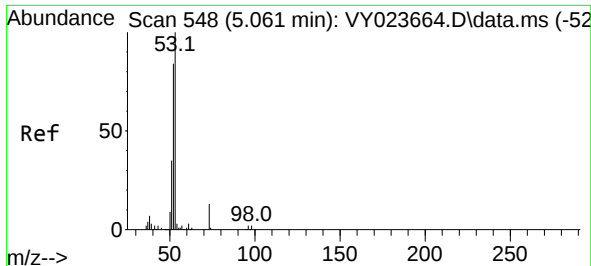
Tgt Ion: 56 Resp: 78206
Ion Ratio Lower Upper
56 100
55 70.3 56.6 84.8



#14
Allyl chloride
Concen: 53.256 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 41 Resp: 297281
Ion Ratio Lower Upper
41 100
39 74.4 60.4 90.6
76 45.7 38.0 57.0

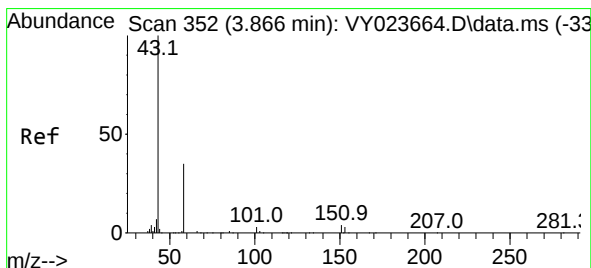
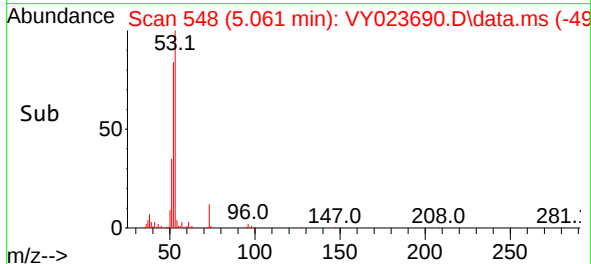
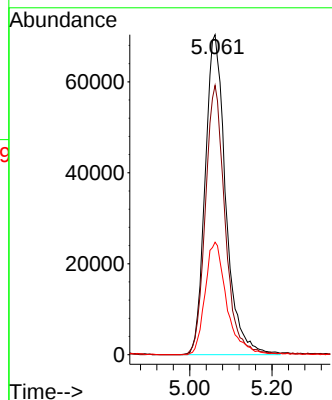
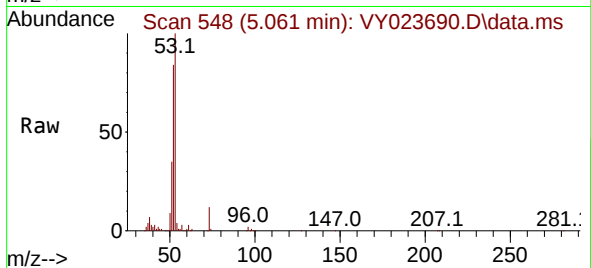




#15
Acrylonitrile
Concen: 276.350 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

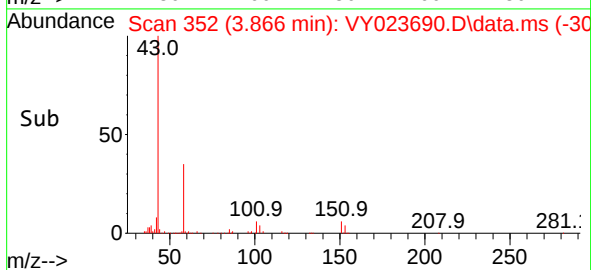
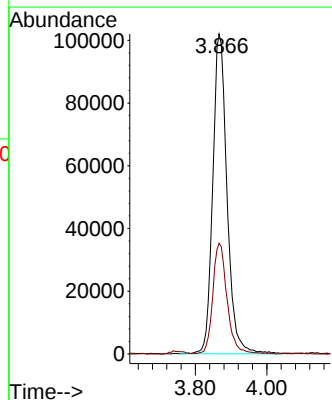
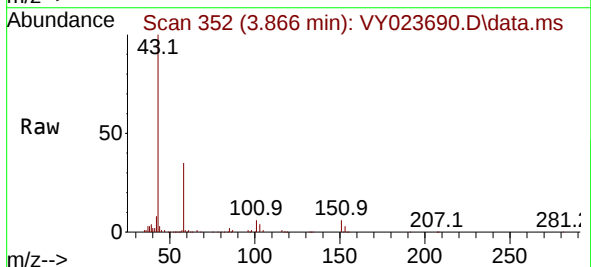
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

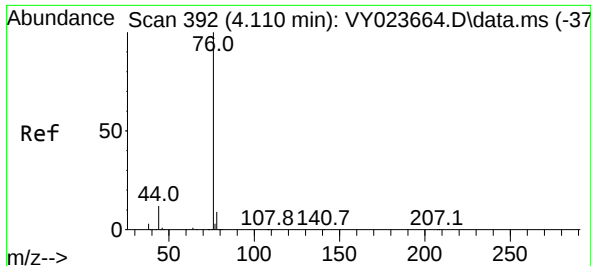
Tgt Ion: 53 Resp: 244719
Ion Ratio Lower Upper
53 100
52 80.4 64.9 97.3
51 37.0 29.4 44.0



#16
Acetone
Concen: 259.296 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 43 Resp: 282204
Ion Ratio Lower Upper
43 100
58 34.6 28.2 42.4

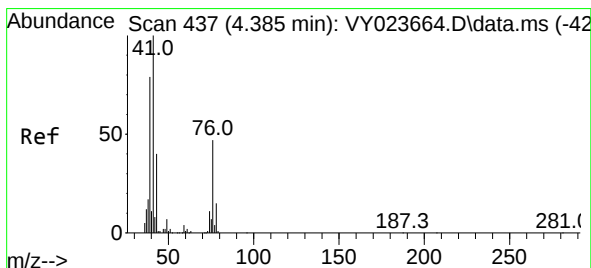
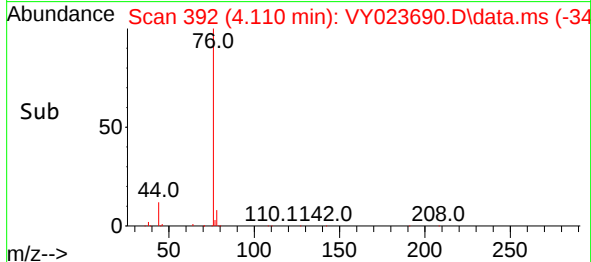
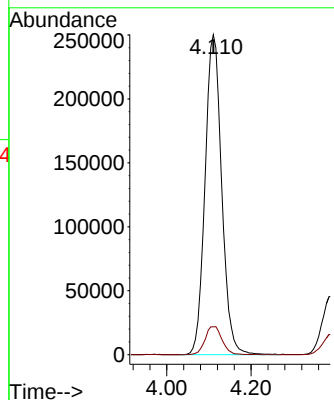
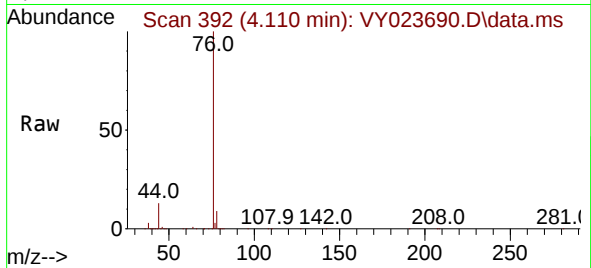




#17
Carbon Disulfide
Concen: 48.873 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

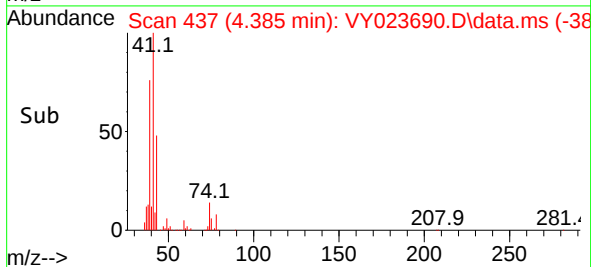
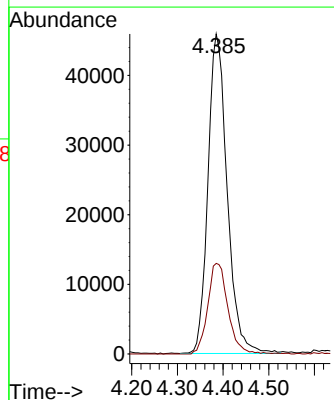
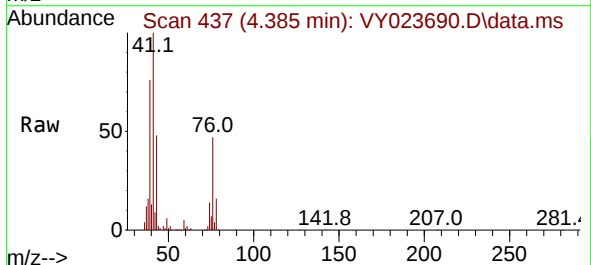
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 687920
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 55.893 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 43 Resp: 134175
Ion Ratio Lower Upper
43 100
74 29.7 22.5 33.7





#19

Methyl tert-butyl Ether

Concen: 54.522 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

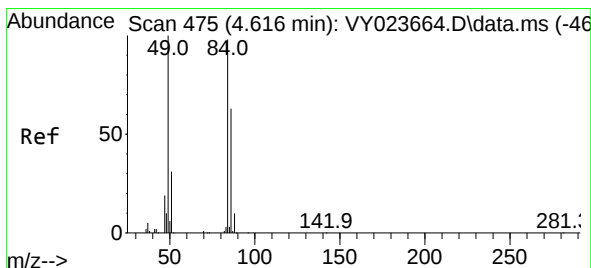
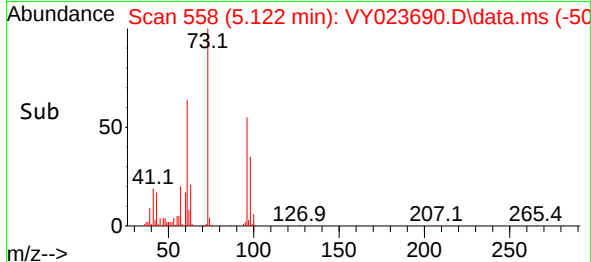
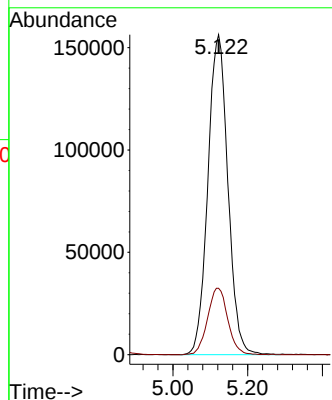
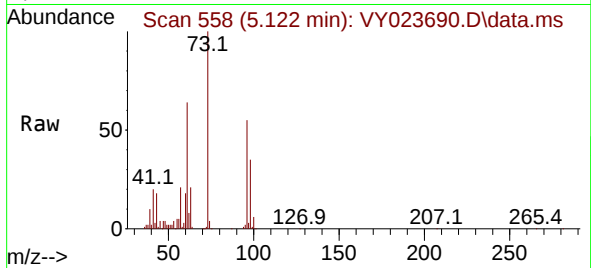
VSTDCCC050EC

Tgt Ion: 73 Resp: 579796

Ion Ratio Lower Upper

73 100

57 20.7 16.1 24.1



#20

Methylene Chloride

Concen: 50.770 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Tgt Ion: 84 Resp: 266743

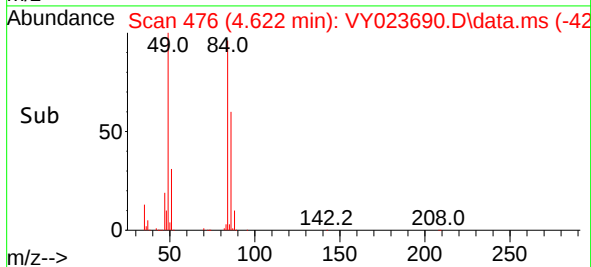
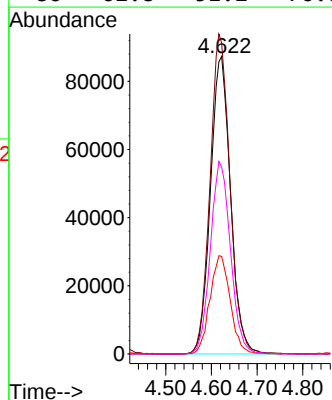
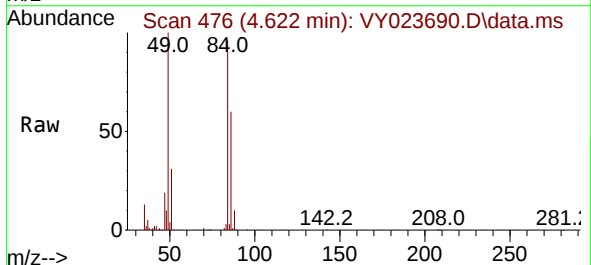
Ion Ratio Lower Upper

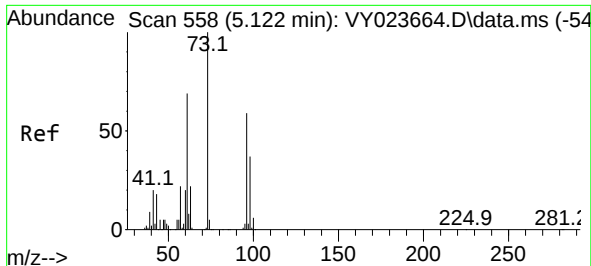
84 100

49 104.5 81.5 122.3

51 32.8 25.5 38.3

86 62.8 51.2 76.8

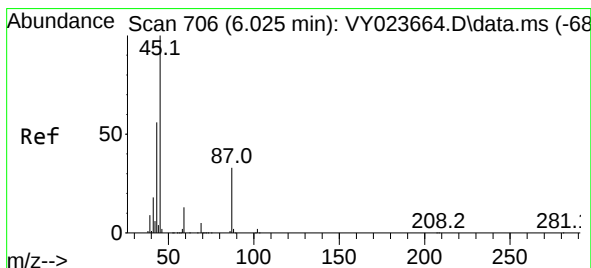
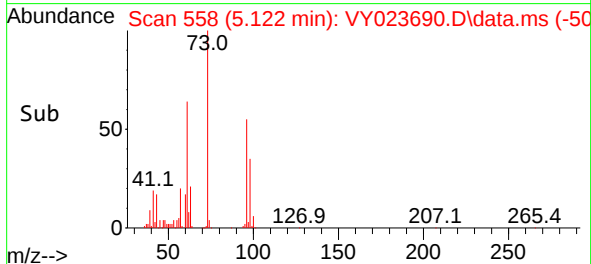
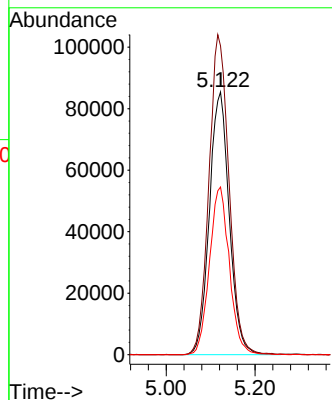
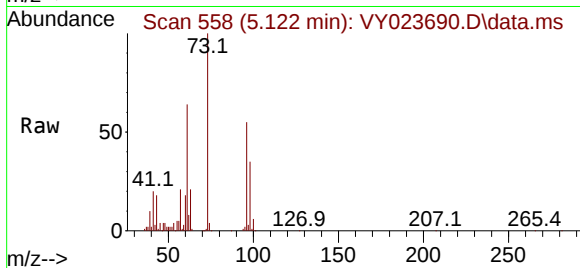




#21
trans-1,2-Dichloroethene
Concen: 51.380 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

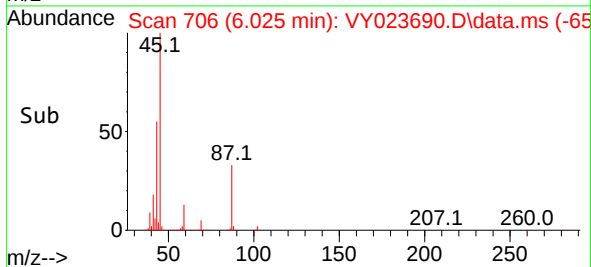
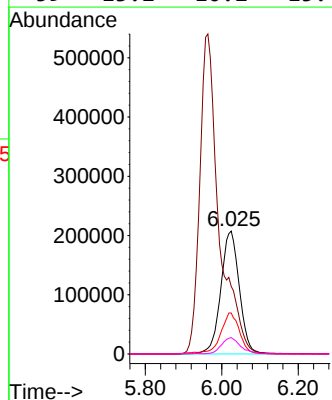
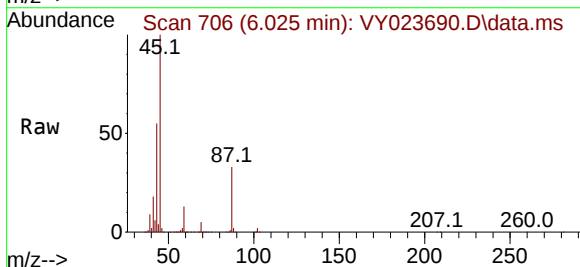
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

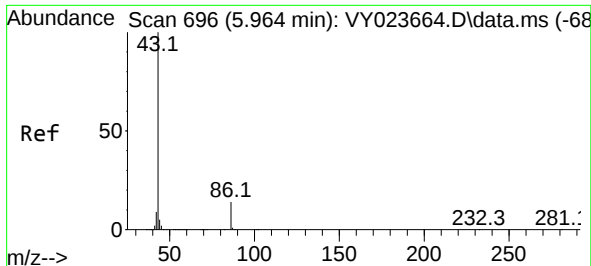
Tgt Ion: 96 Resp: 265683
Ion Ratio Lower Upper
96 100
61 117.5 93.3 139.9
98 63.8 50.6 75.8



#22
Diisopropyl ether
Concen: 56.048 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 45 Resp: 697140
Ion Ratio Lower Upper
45 100
43 55.0 44.7 67.1
87 33.3 27.2 40.8
59 13.2 10.2 15.4

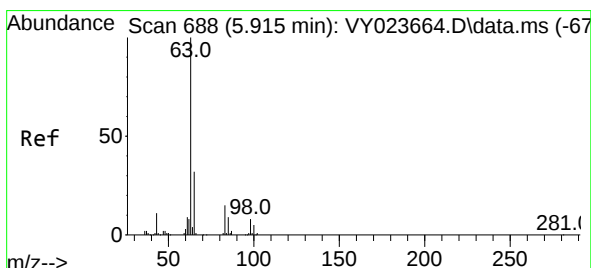
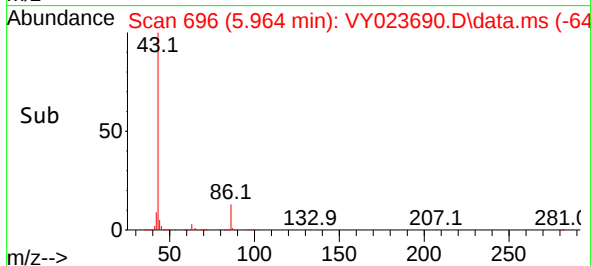
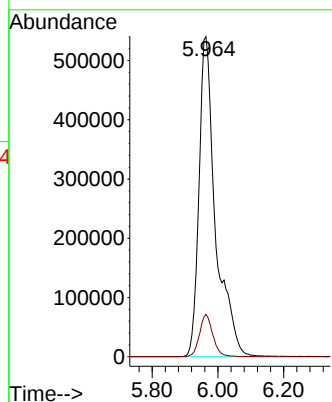
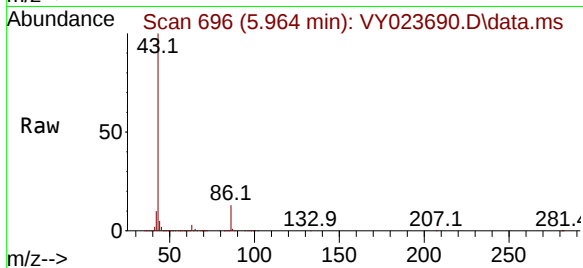




#23
 Vinyl Acetate
 Concen: 284.797 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY023690.D
 Acq: 05 Nov 2025 15:26

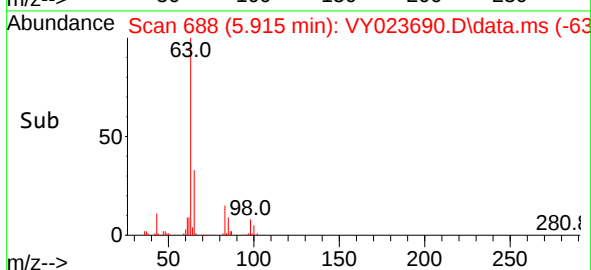
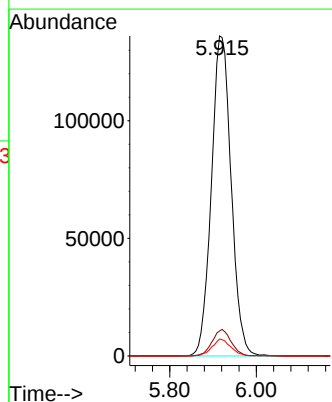
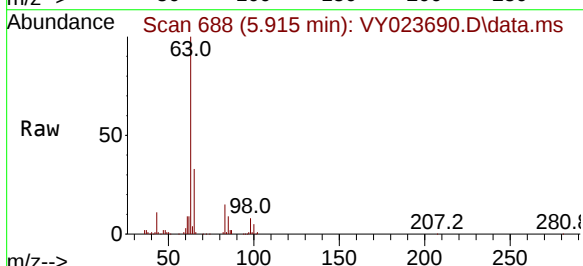
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

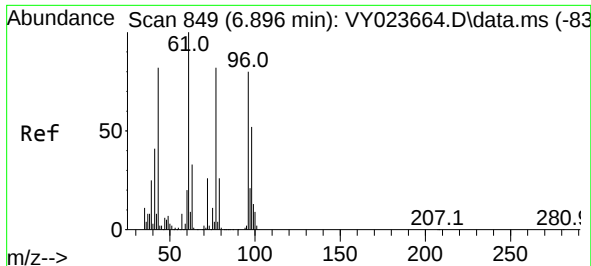
Tgt Ion: 43 Resp: 1890371
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 52.061 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023690.D
 Acq: 05 Nov 2025 15:26

Tgt Ion: 63 Resp: 431387
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.3 2.6 7.8





#25

2-Butanone

Concen: 265.696 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

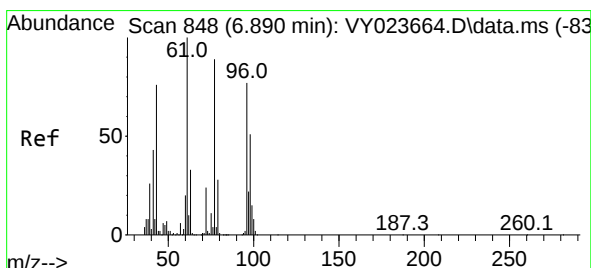
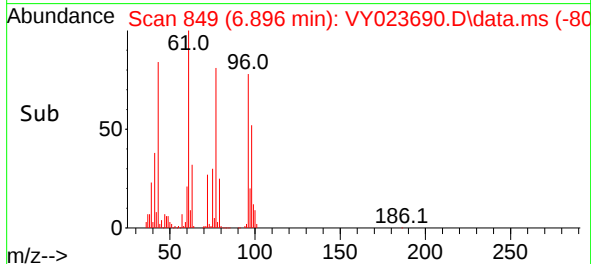
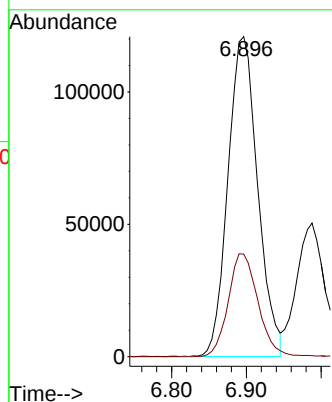
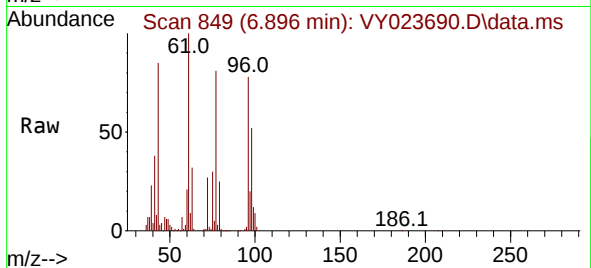
VSTDCCC050EC

Tgt Ion: 43 Resp: 334333

Ion Ratio Lower Upper

43 100

72 32.1 25.7 38.5



#26

2,2-Dichloropropane

Concen: 50.702 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY023690.D

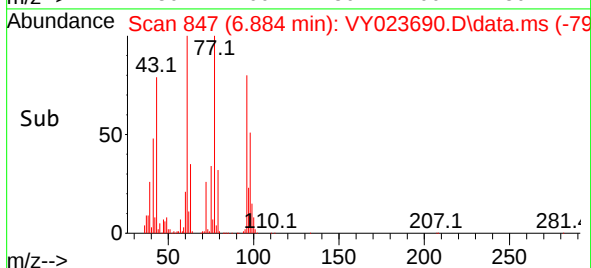
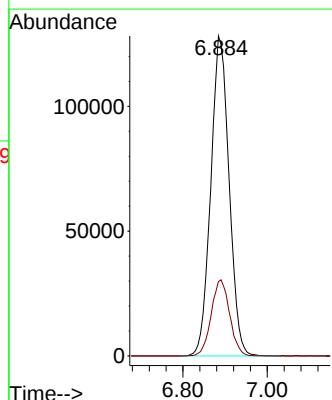
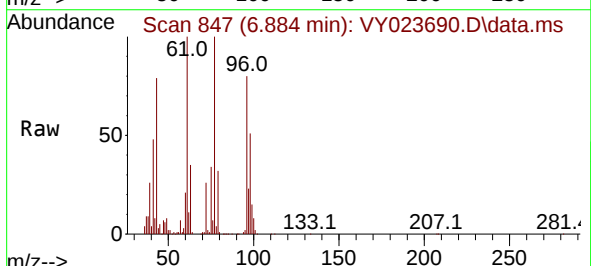
Acq: 05 Nov 2025 15:26

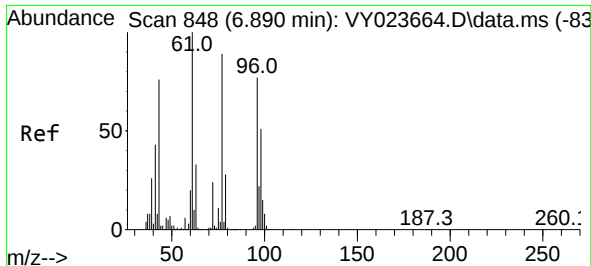
Tgt Ion: 77 Resp: 386458

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.104 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

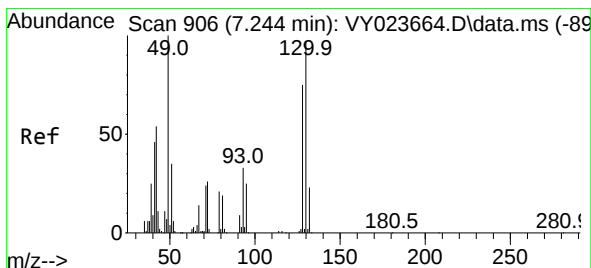
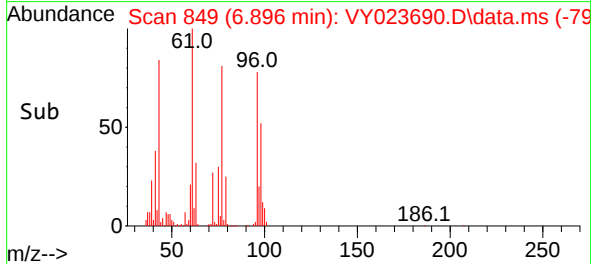
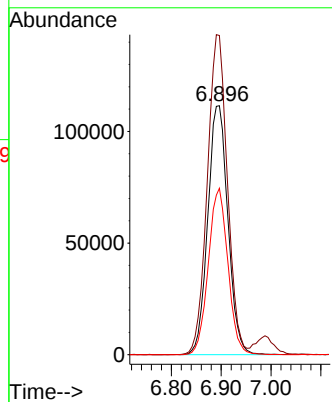
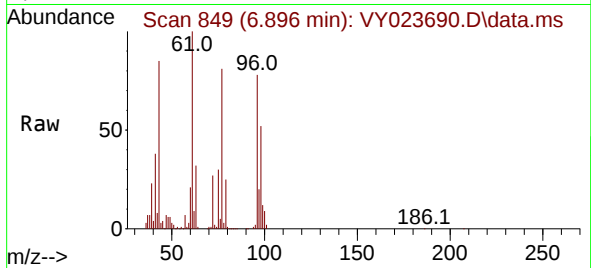
Tgt Ion: 96 Resp: 313614

Ion Ratio Lower Upper

96 100

61 127.9 0.0 255.0

98 64.9 0.0 129.8



#28

Bromochloromethane

Concen: 54.371 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

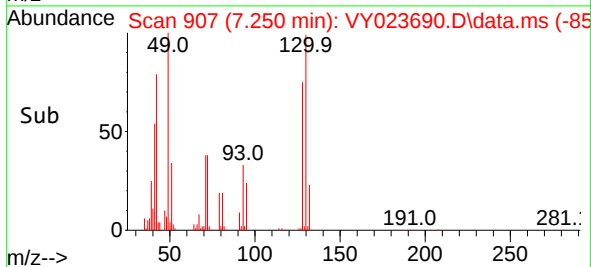
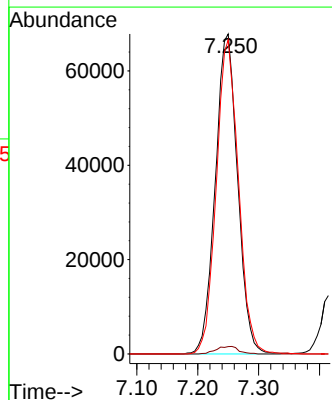
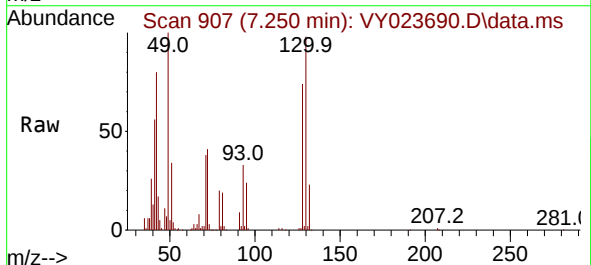
Tgt Ion: 49 Resp: 172506

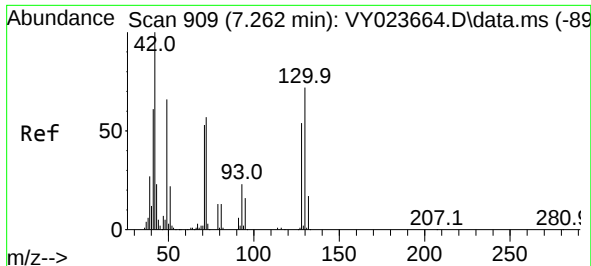
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

130 97.4 80.1 120.1





#29

Tetrahydrofuran

Concen: 284.307 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

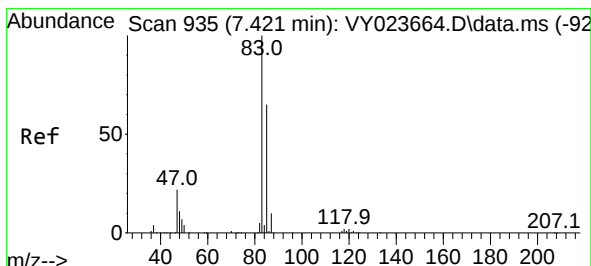
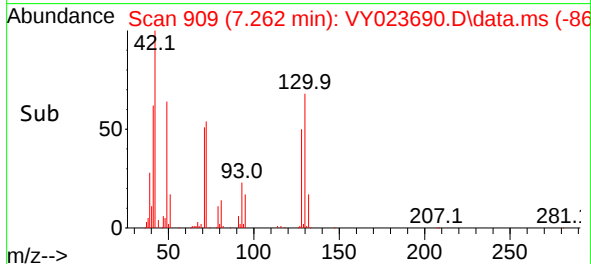
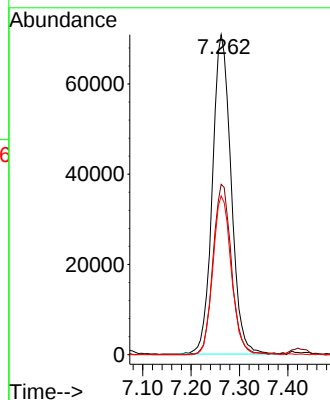
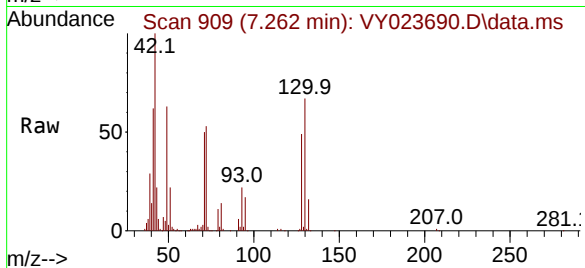
Tgt Ion: 42 Resp: 190527

Ion Ratio Lower Upper

42 100

72 52.5 43.4 65.2

71 49.2 40.7 61.1



#30

Chloroform

Concen: 52.263 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023690.D

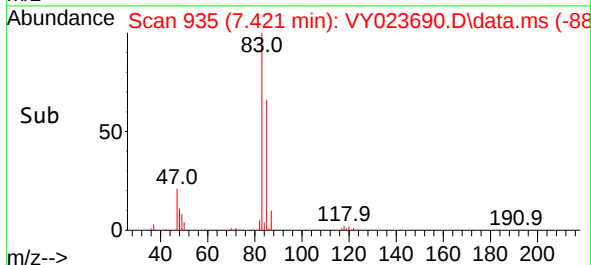
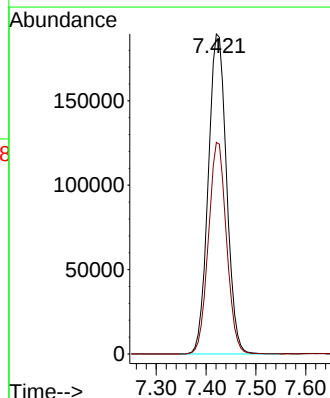
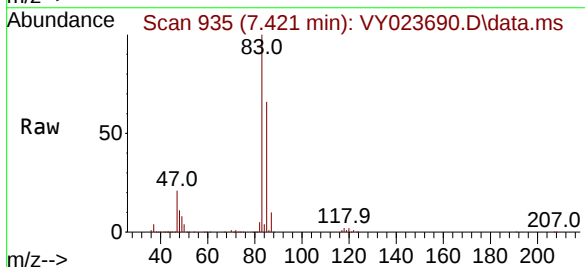
Acq: 05 Nov 2025 15:26

Tgt Ion: 83 Resp: 483189

Ion Ratio Lower Upper

83 100

85 66.1 52.1 78.1

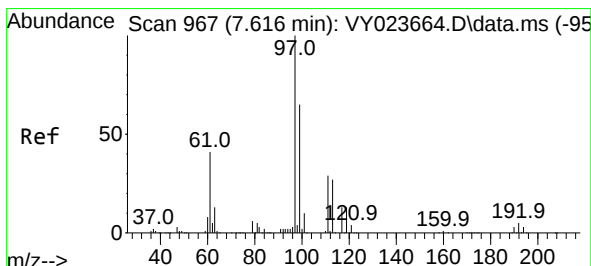
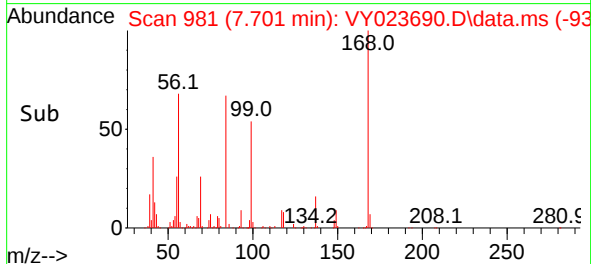
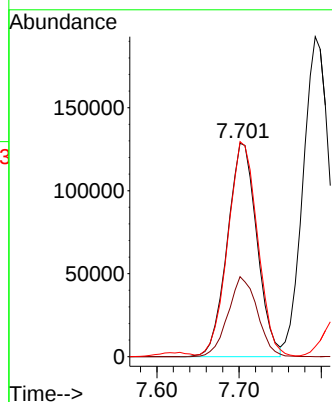
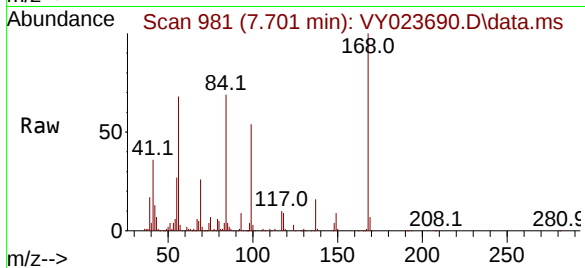




#31
Cyclohexane
Concen: 44.669 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

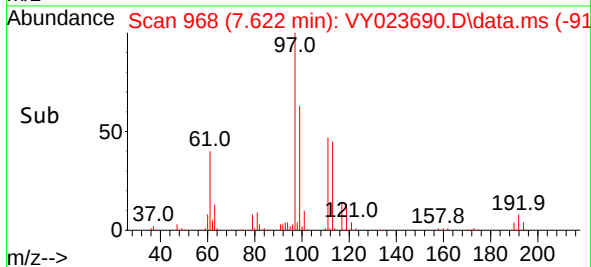
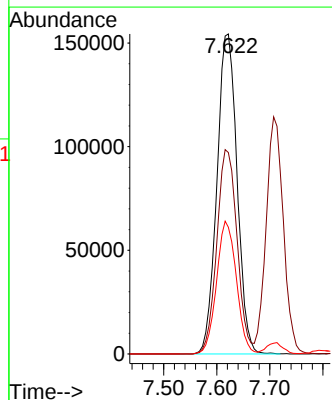
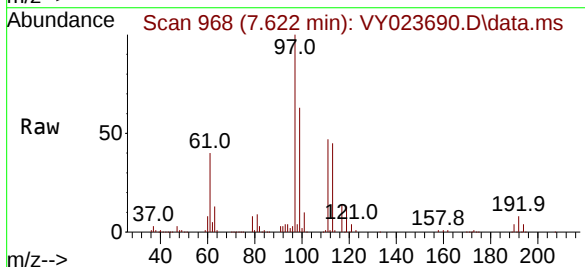
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

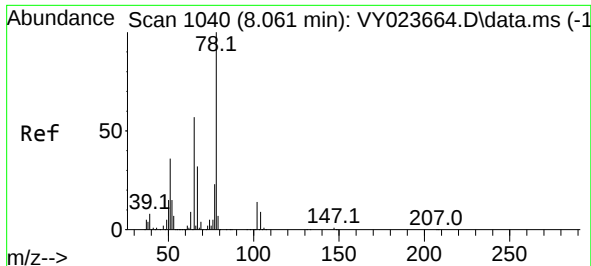
Tgt Ion: 56 Resp: 322342
Ion Ratio Lower Upper
56 100
69 37.4 30.5 45.7
84 98.6 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 49.328 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 97 Resp: 407603
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 40.9 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 53.213 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

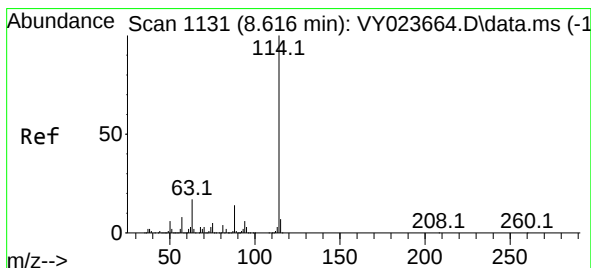
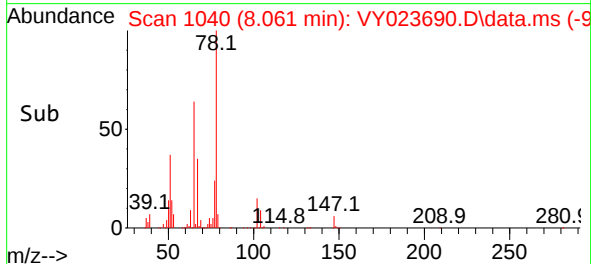
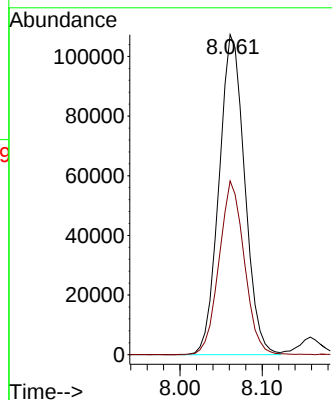
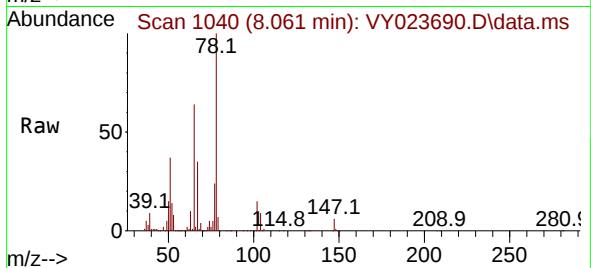
VSTDCCC050EC

Tgt Ion: 65 Resp: 232991

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

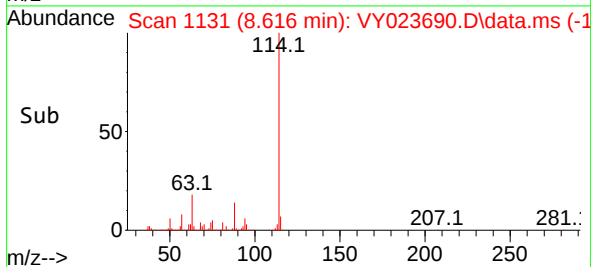
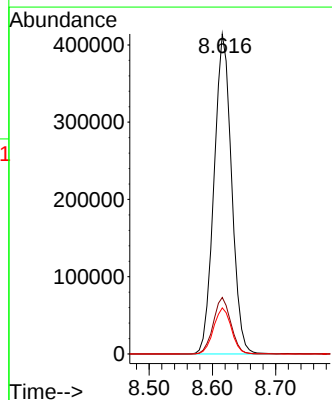
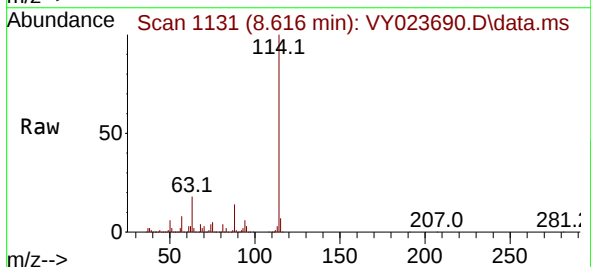
Tgt Ion: 114 Resp: 795326

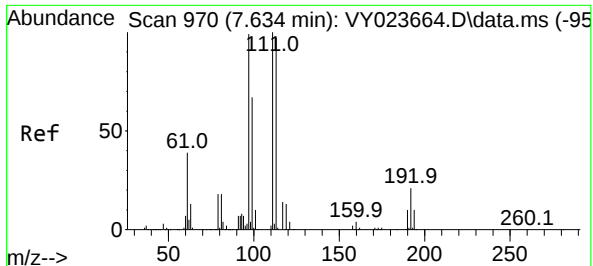
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.818 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

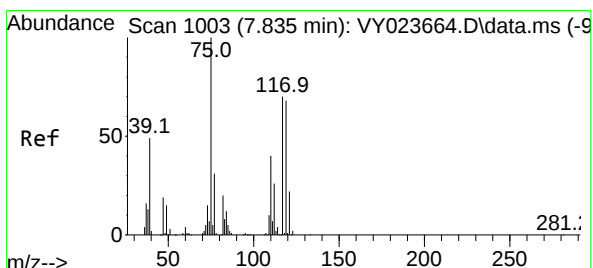
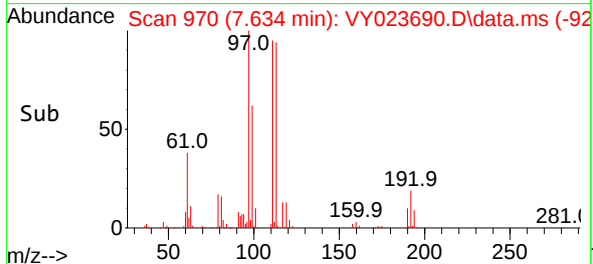
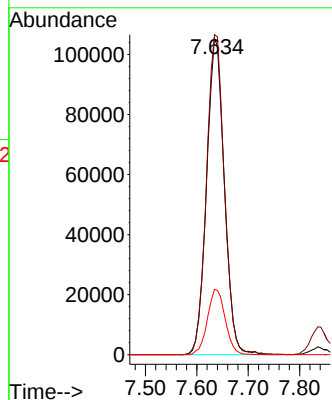
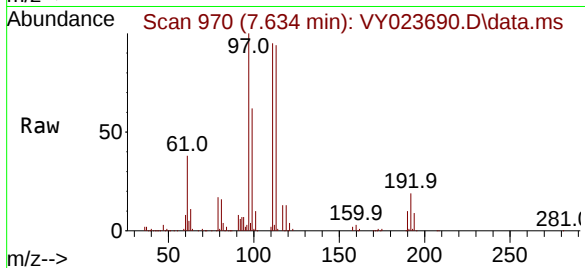
Tgt Ion:113 Resp: 252577

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 20.7 17.3 25.9



#36

1,1-Dichloropropene

Concen: 47.566 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

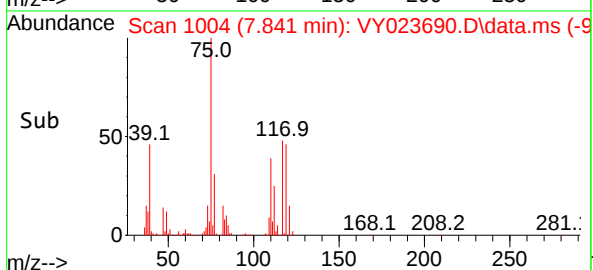
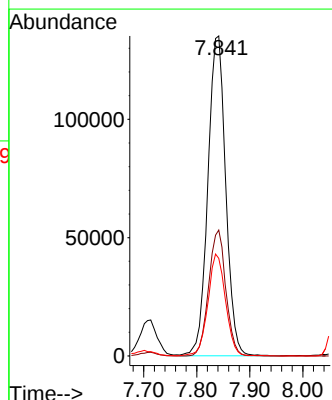
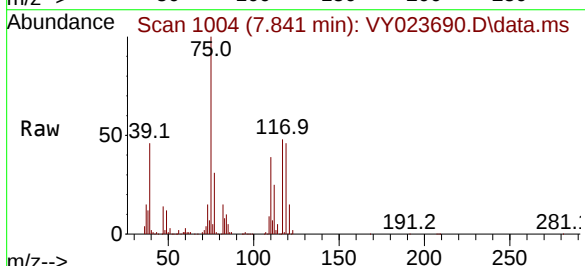
Tgt Ion: 75 Resp: 315916

Ion Ratio Lower Upper

75 100

110 38.0 19.7 59.0

77 31.2 25.2 37.8





#37

Ethyl Acetate

Concen: 53.496 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

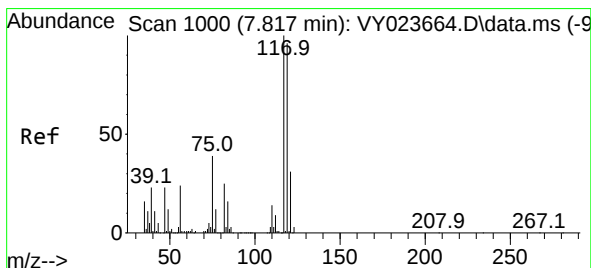
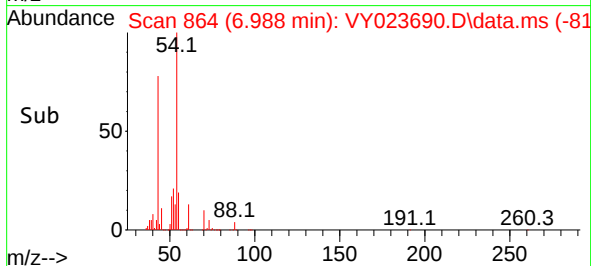
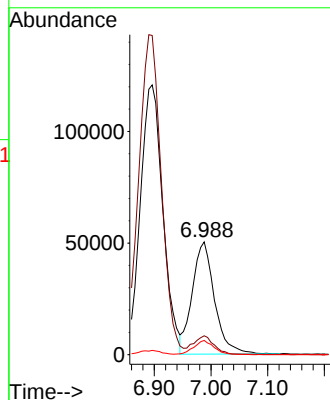
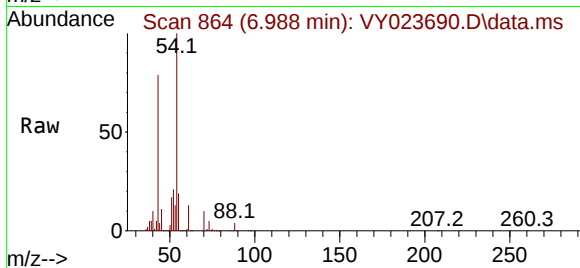
Tgt Ion: 43 Resp: 137542

Ion Ratio Lower Upper

43 100

61 15.9 12.4 18.6

70 11.6 9.8 14.8



#38

Carbon Tetrachloride

Concen: 45.781 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

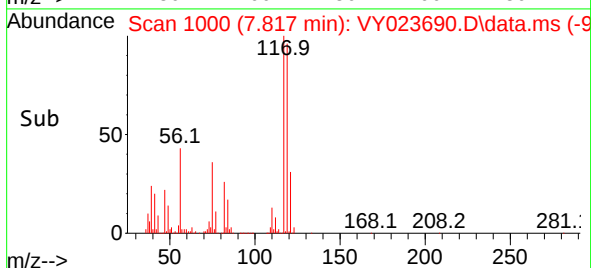
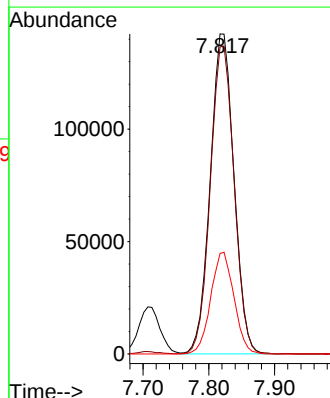
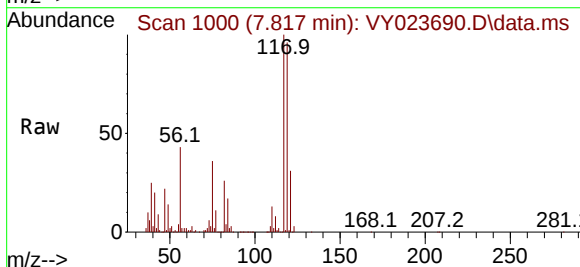
Tgt Ion: 117 Resp: 358251

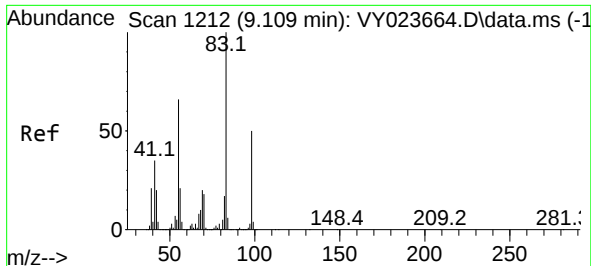
Ion Ratio Lower Upper

117 100

119 96.0 76.3 114.5

121 31.4 24.8 37.2





#39

Methylcyclohexane

Concen: 44.427 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

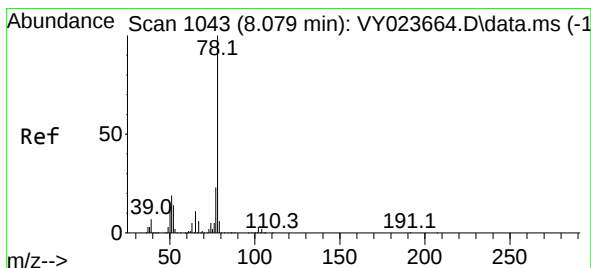
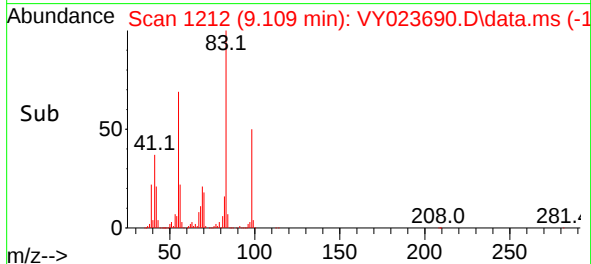
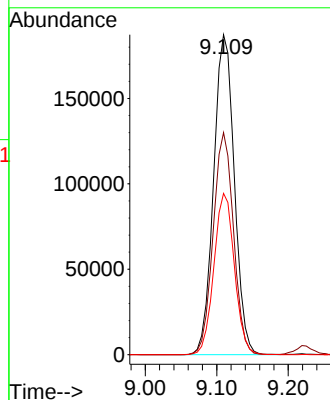
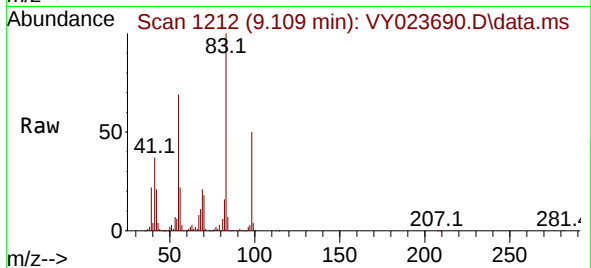
Tgt Ion: 83 Resp: 377012

Ion Ratio Lower Upper

83 100

55 69.4 52.6 78.8

98 50.4 39.7 59.5



#40

Benzene

Concen: 50.457 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023690.D

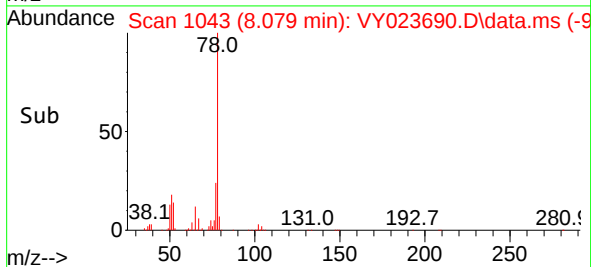
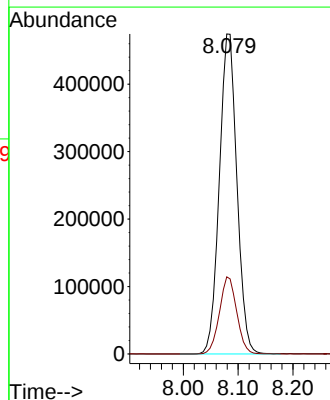
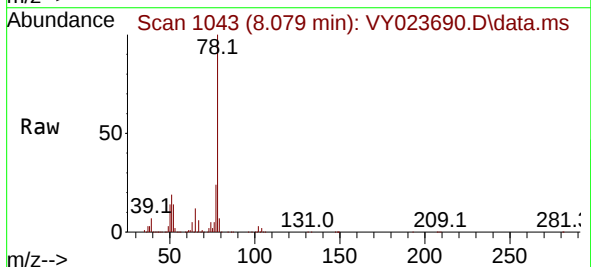
Acq: 05 Nov 2025 15:26

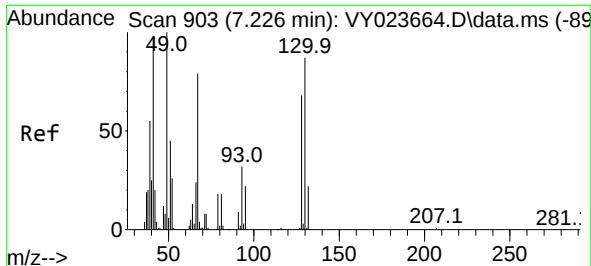
Tgt Ion: 78 Resp: 1056298

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2



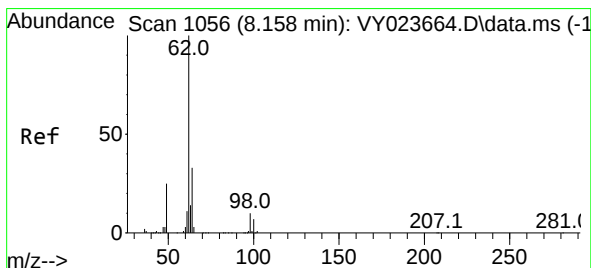
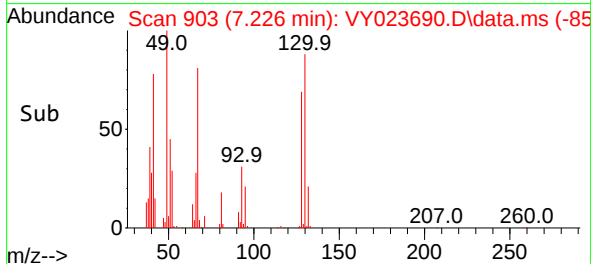
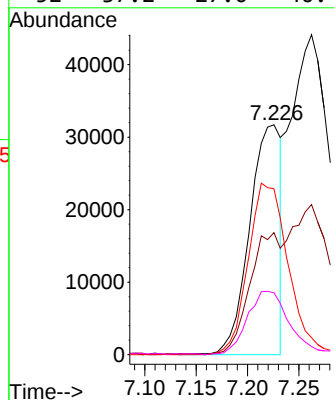
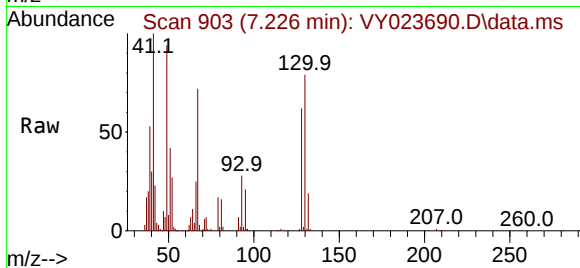


#41
Methacrylonitrile
Concen: 47.975 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 67329

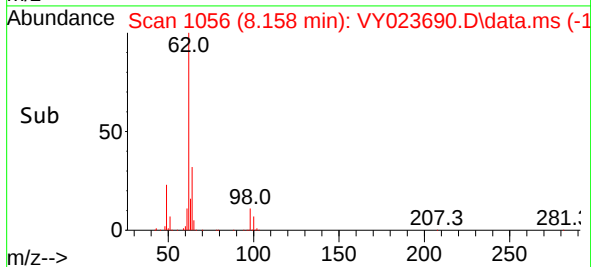
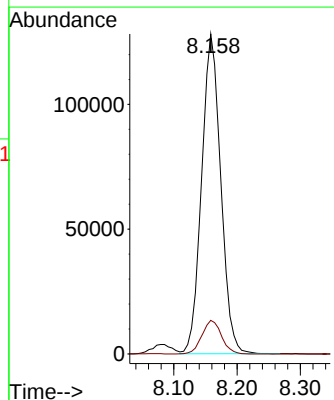
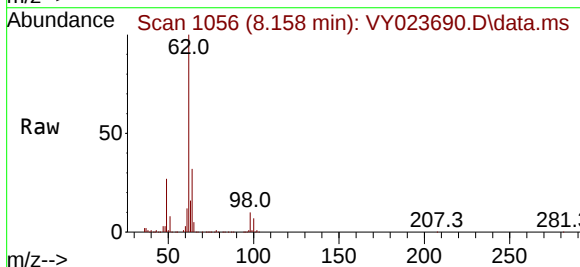
Ion	Ratio	Lower	Upper
41	100		
39	52.2	38.6	57.8
67	95.3	71.3	106.9
52	37.2	27.0	40.4

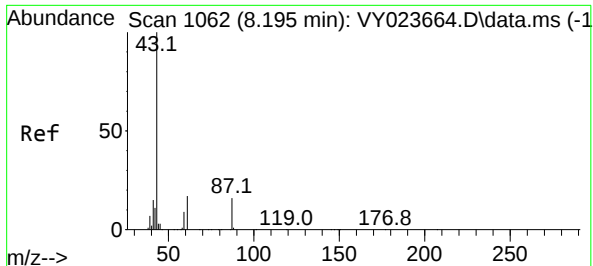


#42
1,2-Dichloroethane
Concen: 51.068 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 62 Resp: 270477

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0

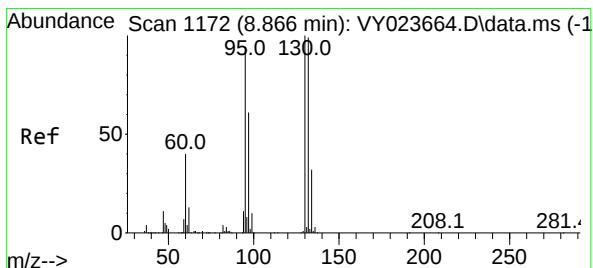
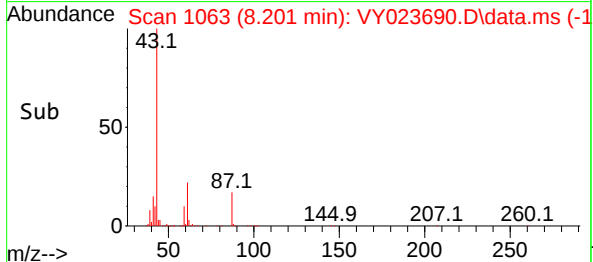
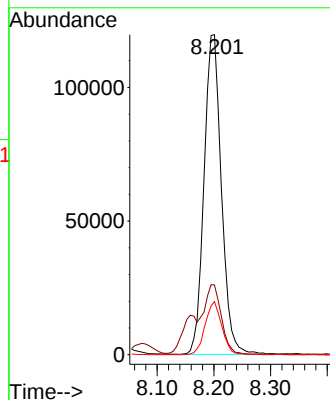
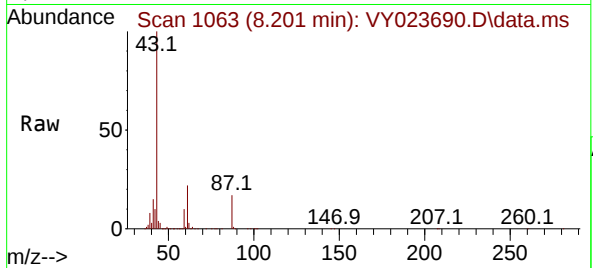




#43
Isopropyl Acetate
Concen: 52.830 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

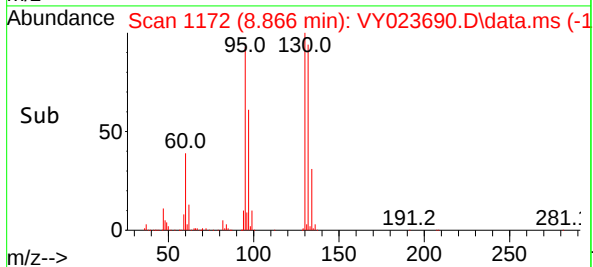
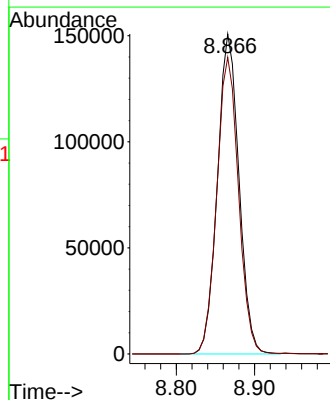
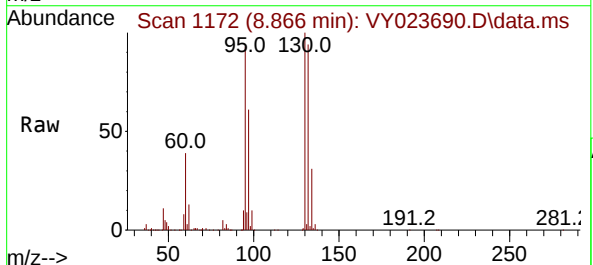
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

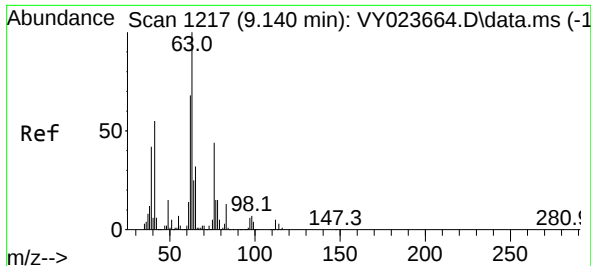
Tgt Ion: 43 Resp: 255211
Ion Ratio Lower Upper
43 100
61 22.3 18.2 27.2
87 15.9 13.3 19.9



#44
Trichloroethene
Concen: 47.987 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion:130 Resp: 288539
Ion Ratio Lower Upper
130 100
95 92.7 0.0 187.0





#45

1,2-Dichloropropane

Concen: 50.782 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

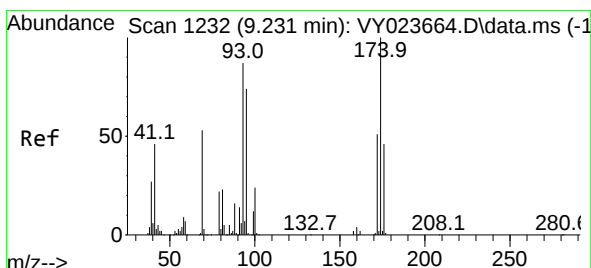
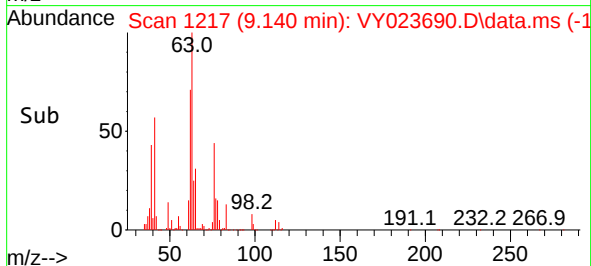
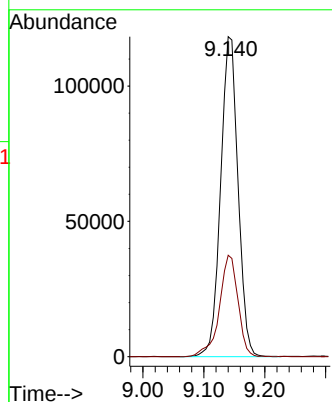
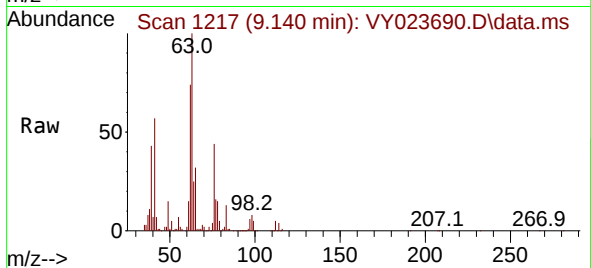
VSTDCCC050EC

Tgt Ion: 63 Resp: 234628

Ion Ratio Lower Upper

63 100

65 31.7 25.6 38.4



#46

Dibromomethane

Concen: 51.043 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

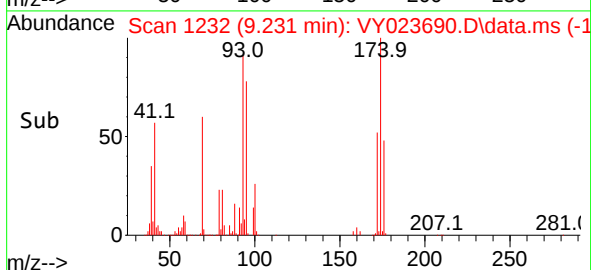
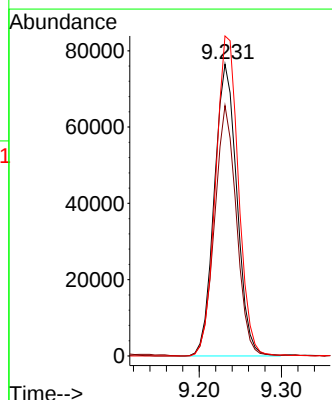
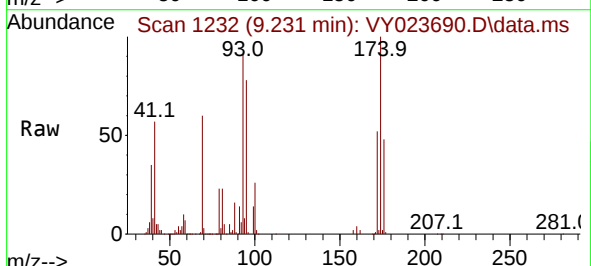
Tgt Ion: 93 Resp: 146123

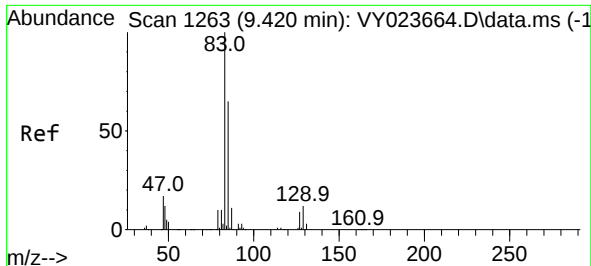
Ion Ratio Lower Upper

93 100

95 82.7 67.4 101.2

174 110.8 89.4 134.0





#47

Bromodichloromethane

Concen: 51.636 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

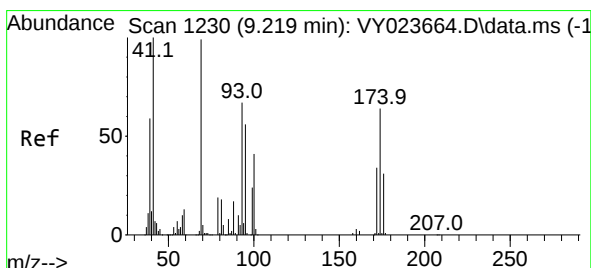
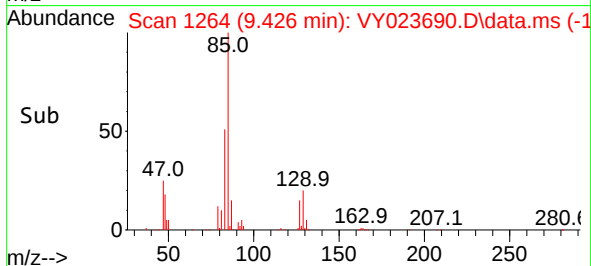
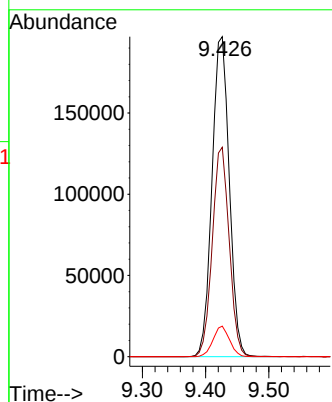
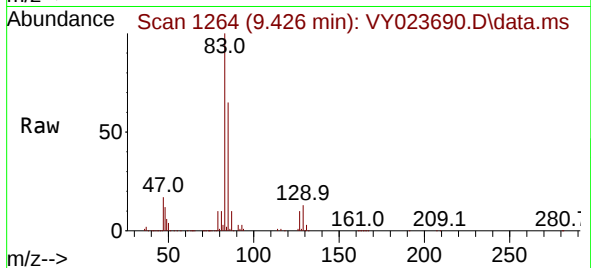
Tgt Ion: 83 Resp: 372691

Ion Ratio Lower Upper

83 100

85 65.5 52.1 78.1

127 9.5 7.5 11.3



#48

Methyl methacrylate

Concen: 53.849 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

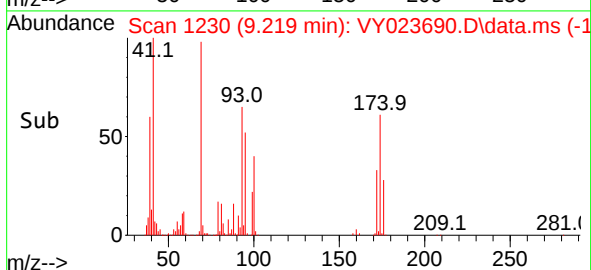
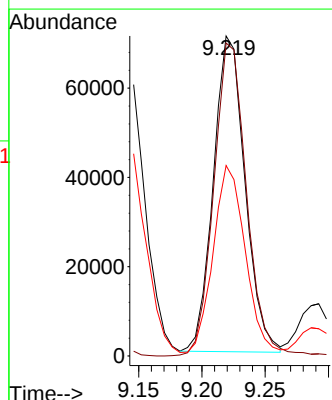
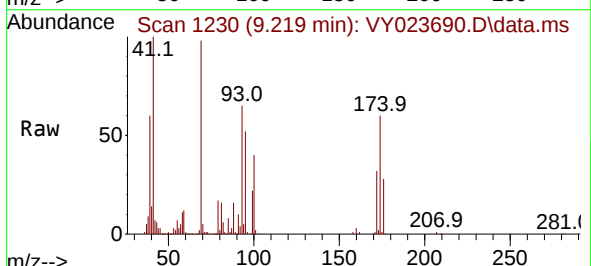
Tgt Ion: 41 Resp: 122904

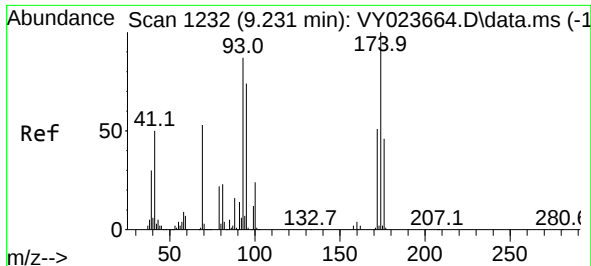
Ion Ratio Lower Upper

41 100

69 103.1 80.2 120.2

39 62.0 47.4 71.0





#49

1,4-Dioxane

Concen: 1075.802 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

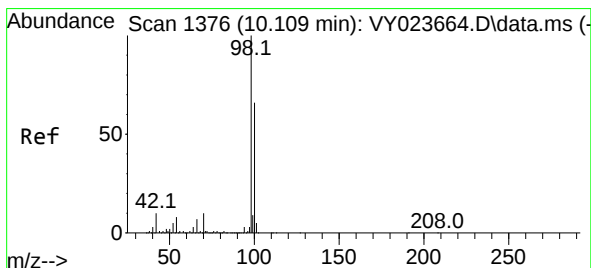
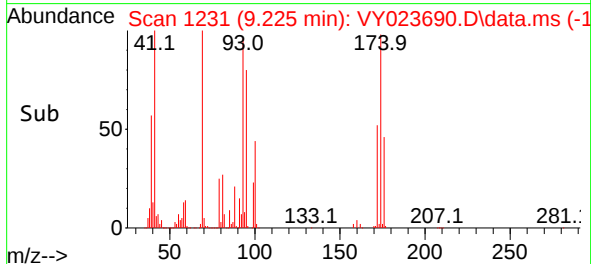
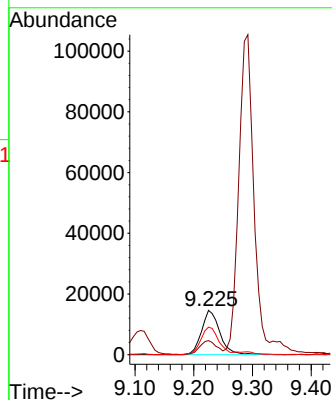
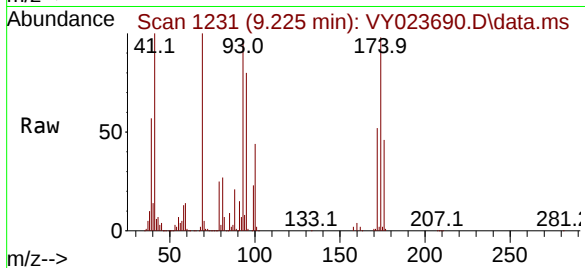
Tgt Ion: 88 Resp: 31518

Ion Ratio Lower Upper

88 100

43 29.1 22.0 33.0

58 61.0 47.8 71.8



#50

Toluene-d8

Concen: 51.523 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023690.D

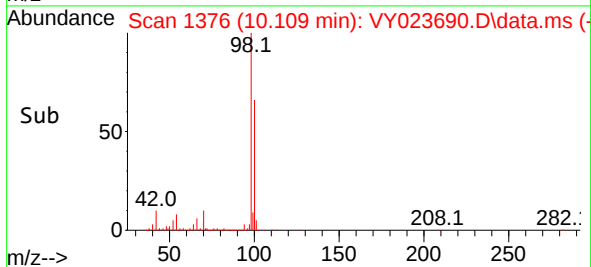
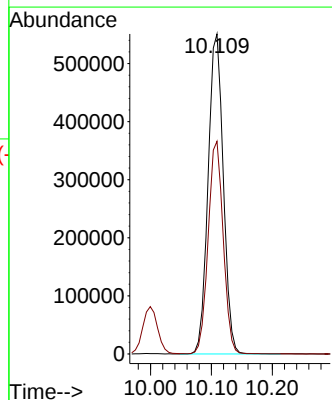
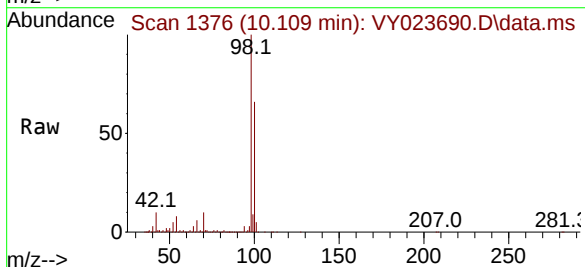
Acq: 05 Nov 2025 15:26

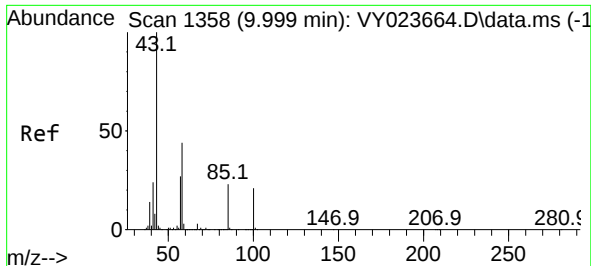
Tgt Ion: 98 Resp: 953929

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1

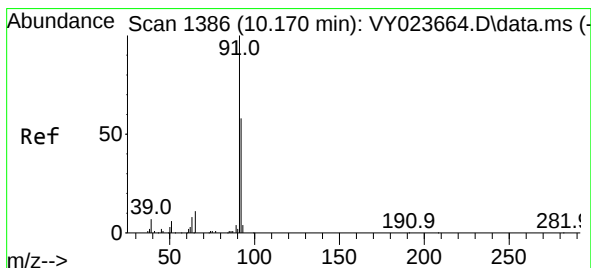
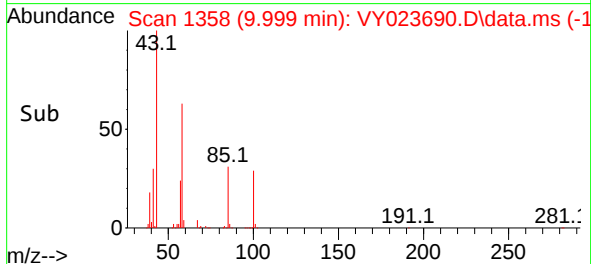
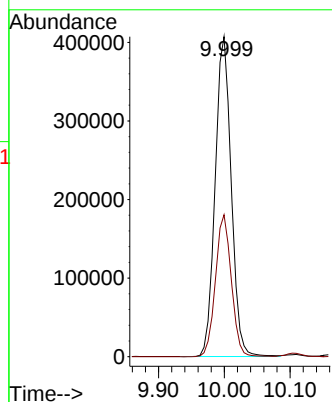
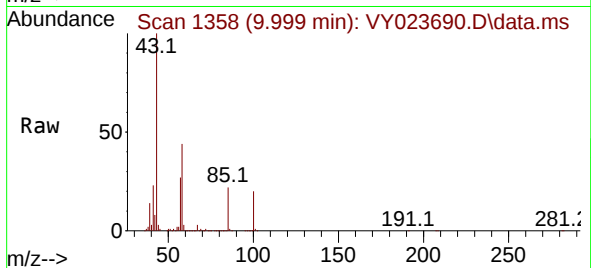




#51
4-Methyl-2-Pentanone
Concen: 269.759 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

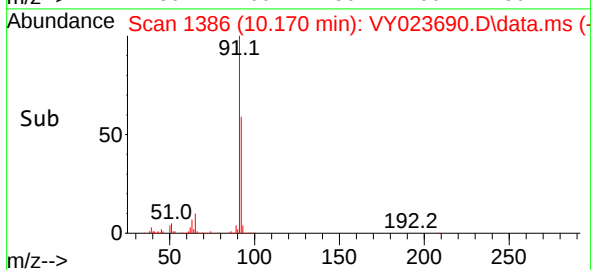
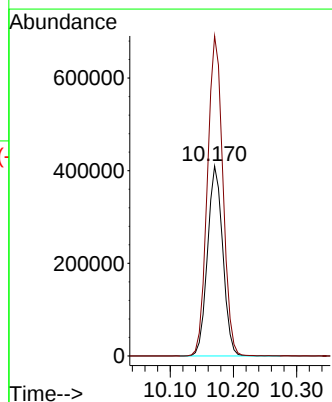
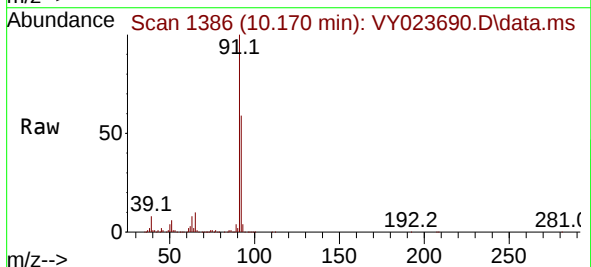
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

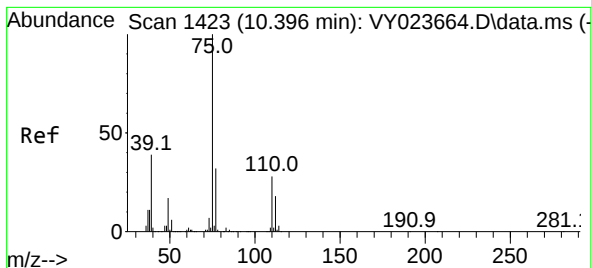
Tgt Ion: 43 Resp: 693029
Ion Ratio Lower Upper
43 100
58 43.8 34.8 52.2



#52
Toluene
Concen: 51.427 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 92 Resp: 687344
Ion Ratio Lower Upper
92 100
91 171.1 137.8 206.8

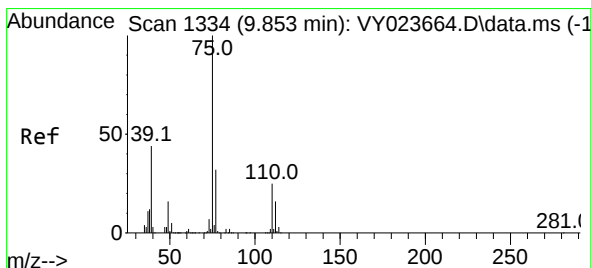
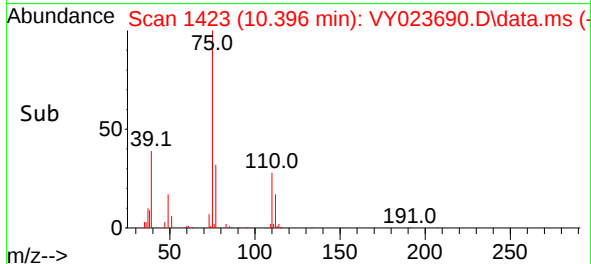
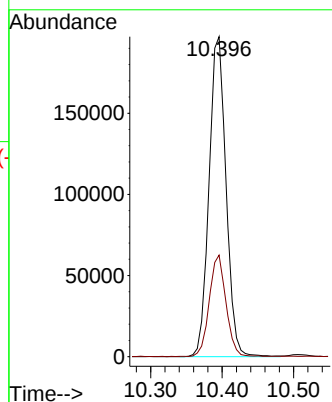
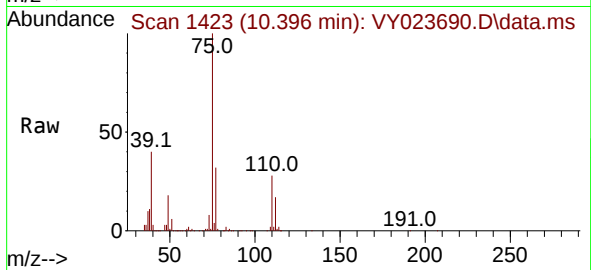




#53
t-1,3-Dichloropropene
Concen: 53.298 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

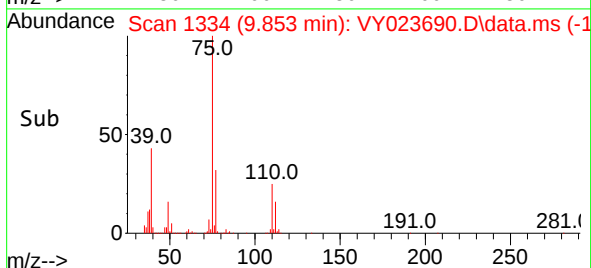
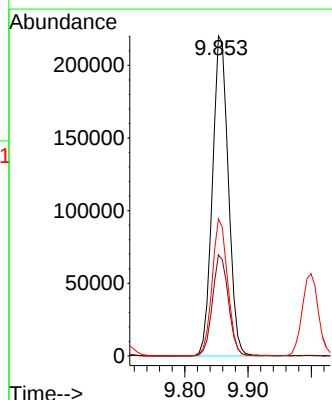
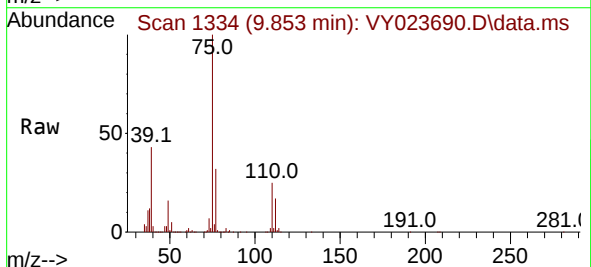
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

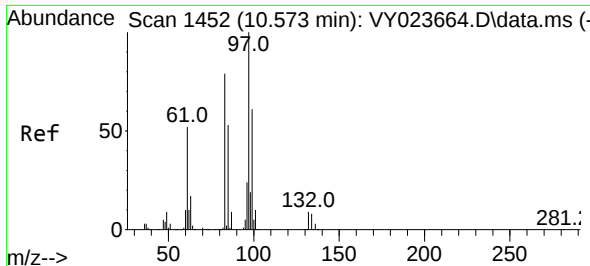
Tgt Ion: 75 Resp: 325499
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 52.529 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 75 Resp: 384357
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
39 42.8 34.9 52.3

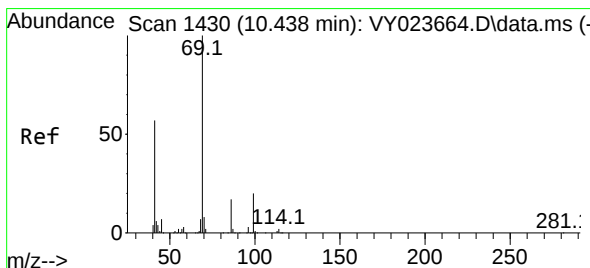
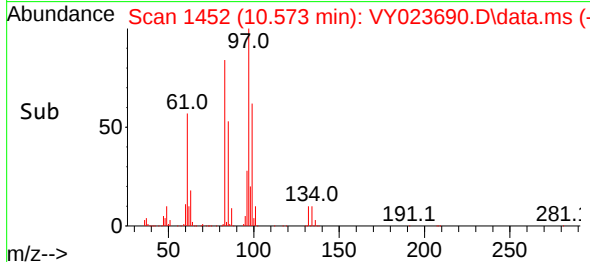
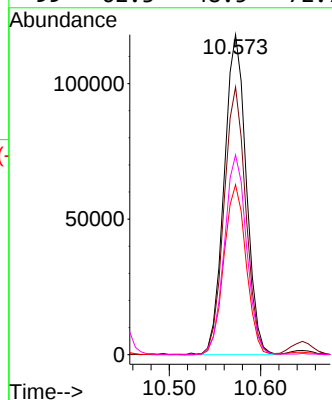
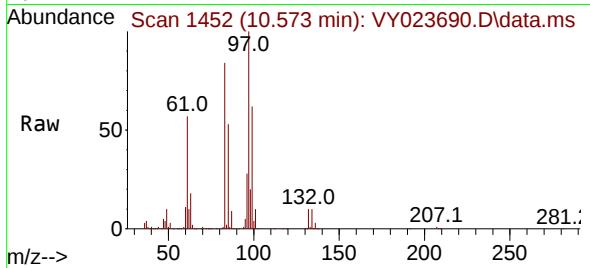




#55
1,1,2-Trichloroethane
Concen: 51.792 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

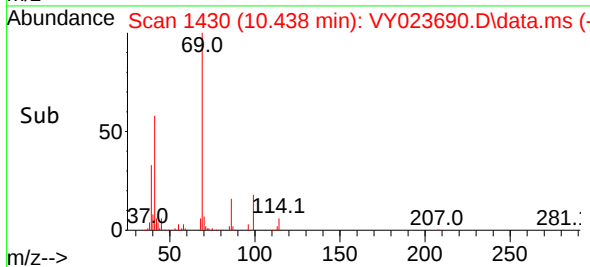
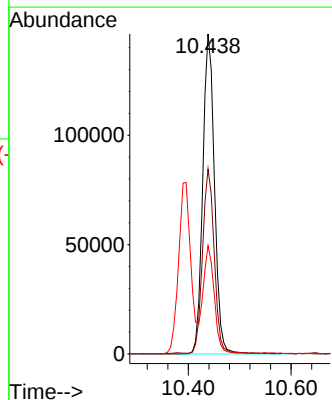
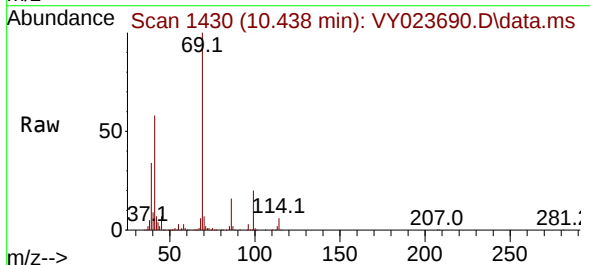
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

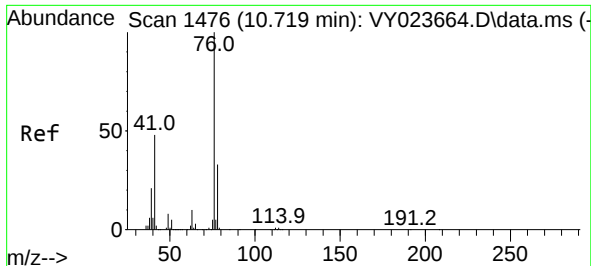
Tgt Ion: 97	Resp: 198145
Ion Ratio	Lower Upper
97 100	
83 83.5	63.3 94.9
85 53.1	42.4 63.6
99 62.3	48.5 72.7



#56
Ethyl methacrylate
Concen: 54.829 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 69	Resp: 231114
Ion Ratio	Lower Upper
69 100	
41 57.2	45.0 67.4
39 31.3	25.1 37.7





#57

1,3-Dichloropropane

Concen: 52.466 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

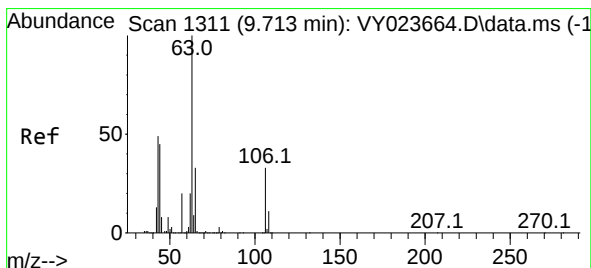
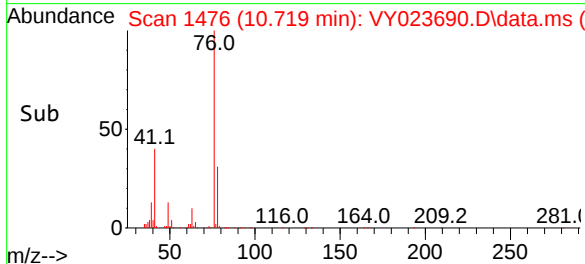
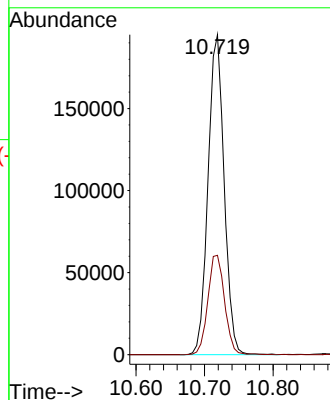
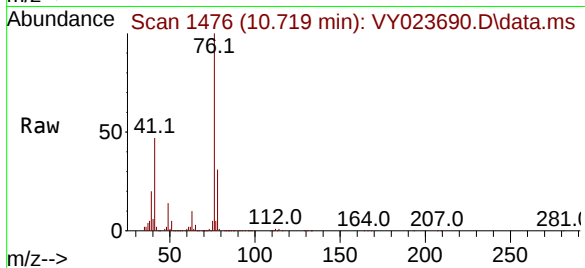
VSTDCCC050EC

Tgt Ion: 76 Resp: 318379

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 276.367 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023690.D

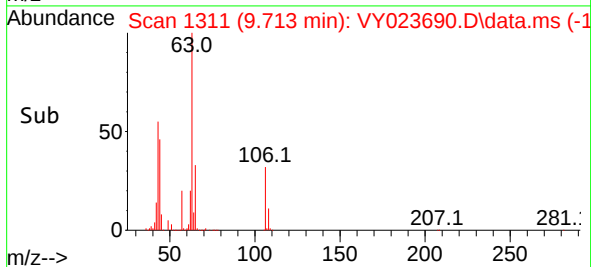
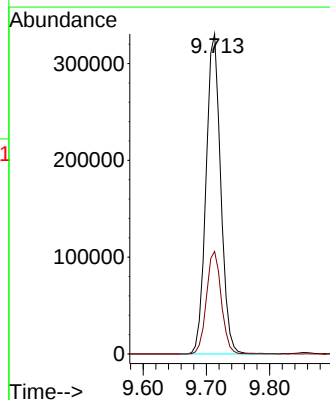
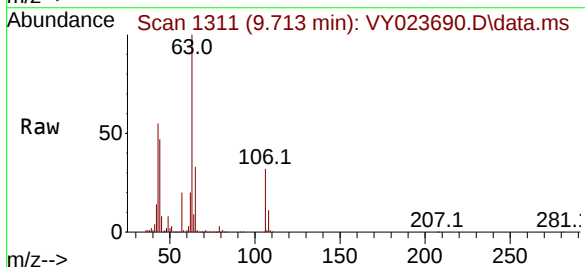
Acq: 05 Nov 2025 15:26

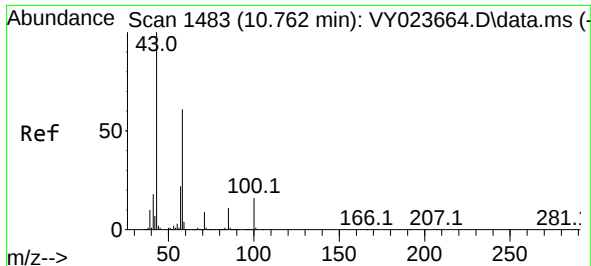
Tgt Ion: 63 Resp: 534565

Ion Ratio Lower Upper

63 100

106 32.4 26.2 39.2





#59

2-Hexanone

Concen: 264.880 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

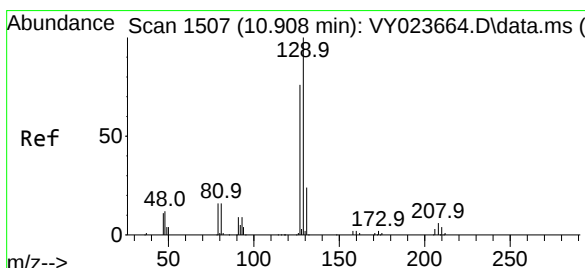
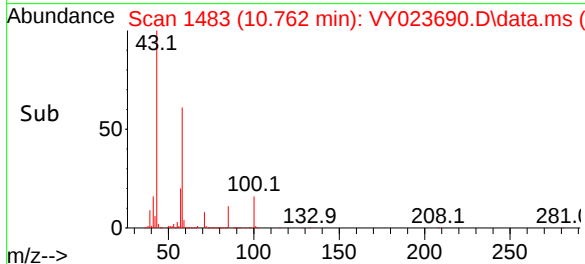
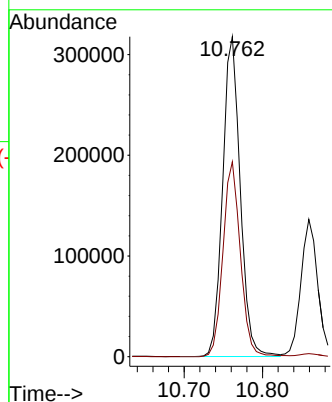
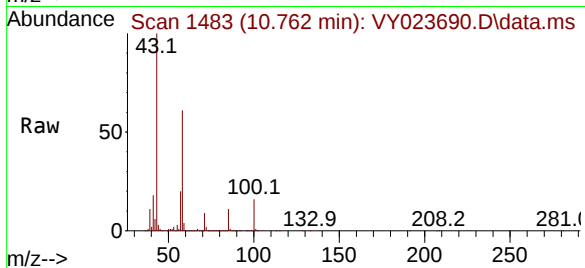
VSTDCCC050EC

Tgt Ion: 43 Resp: 496470

Ion Ratio Lower Upper

43 100

58 60.3 30.2 90.6



#60

Dibromochloromethane

Concen: 51.383 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY023690.D

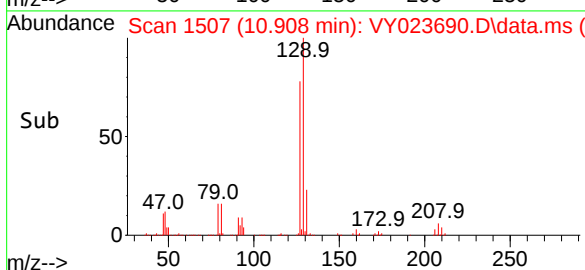
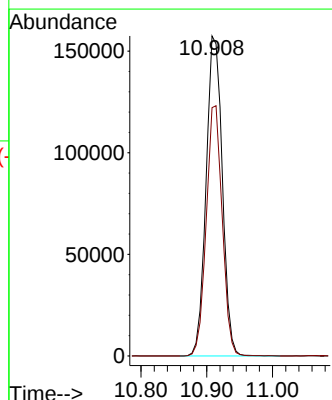
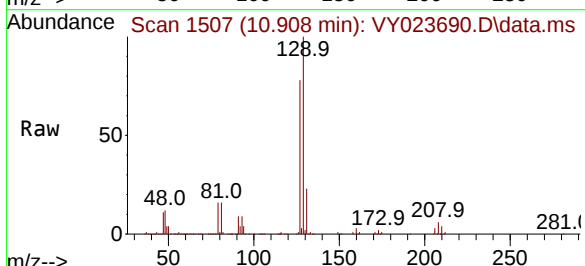
Acq: 05 Nov 2025 15:26

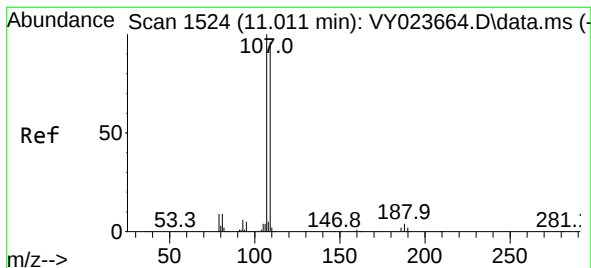
Tgt Ion:129 Resp: 270100

Ion Ratio Lower Upper

129 100

127 77.0 38.4 115.2

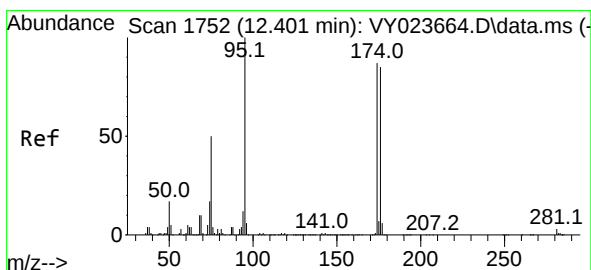
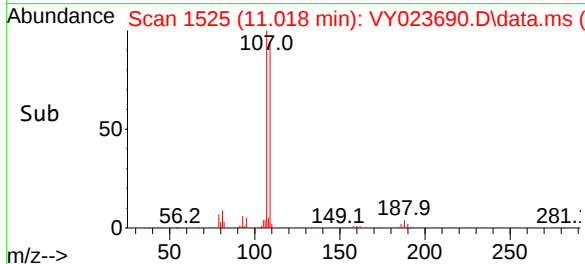
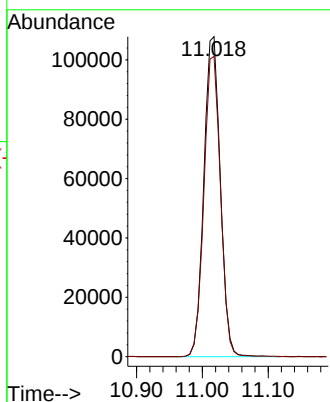
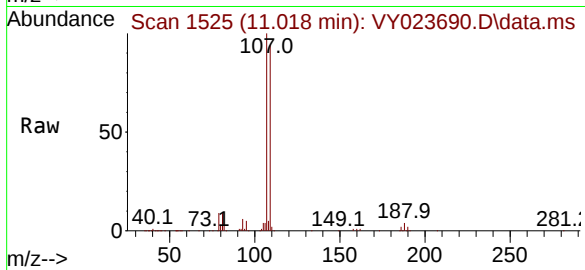




#61
1,2-Dibromoethane
Concen: 52.254 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

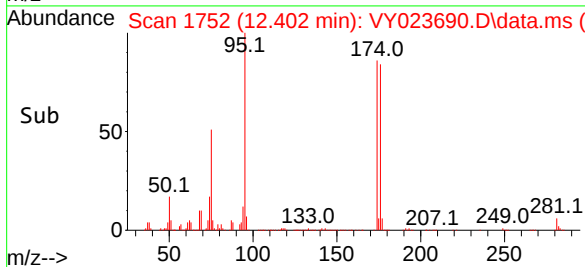
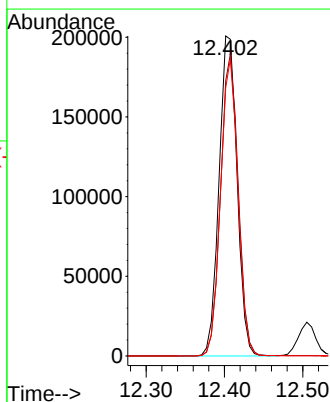
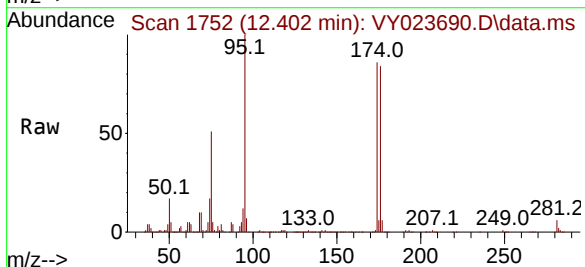
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

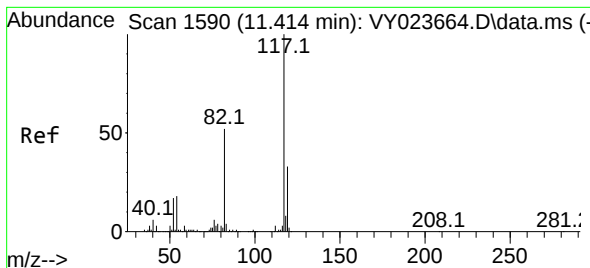
Tgt Ion:107 Resp: 187614
Ion Ratio Lower Upper
107 100
109 94.5 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 53.718 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 95 Resp: 321631
Ion Ratio Lower Upper
95 100
174 92.0 0.0 184.8
176 89.8 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

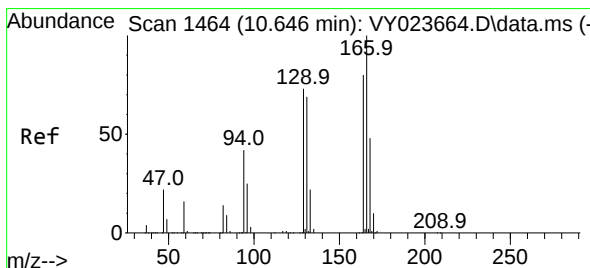
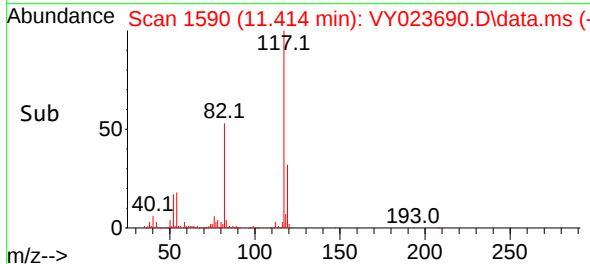
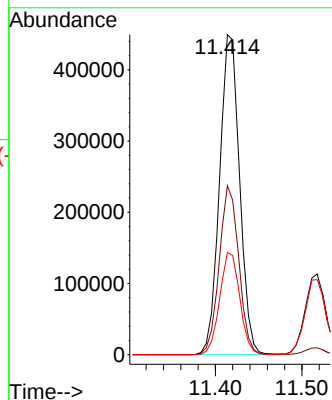
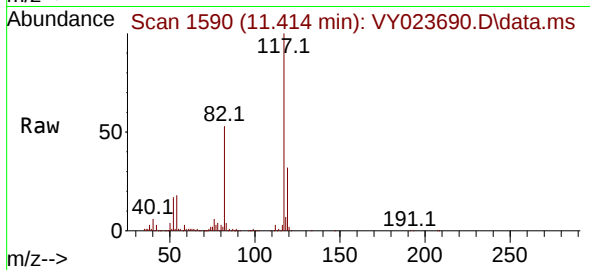
Tgt Ion:117 Resp: 723833

Ion Ratio Lower Upper

117 100

82 52.8 41.2 61.8

119 31.9 26.2 39.2



#64

Tetrachloroethene

Concen: 46.672 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Tgt Ion:164 Resp: 351629

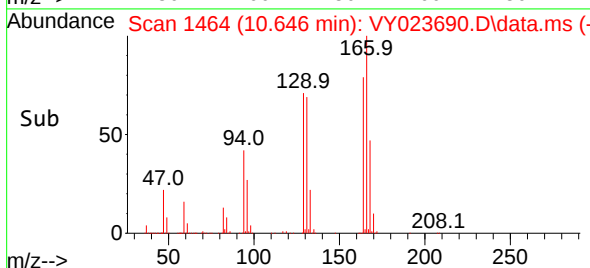
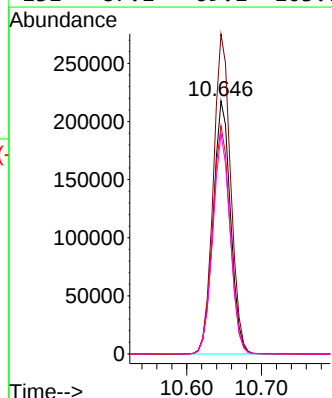
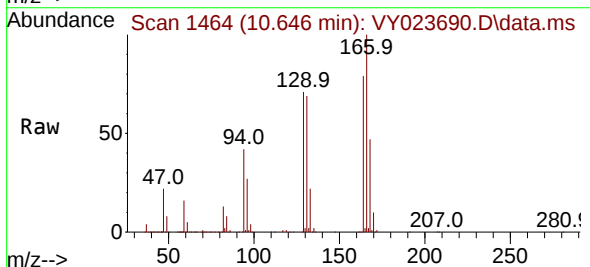
Ion Ratio Lower Upper

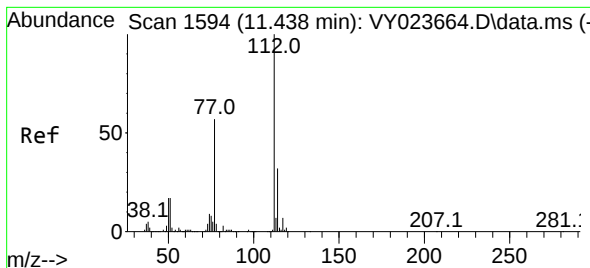
164 100

166 126.4 99.5 149.3

129 90.1 72.3 108.5

131 87.1 69.1 103.7





#65

Chlorobenzene

Concen: 48.793 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

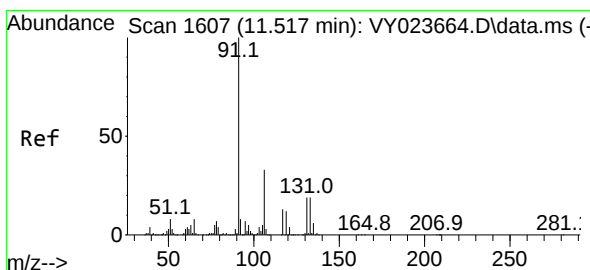
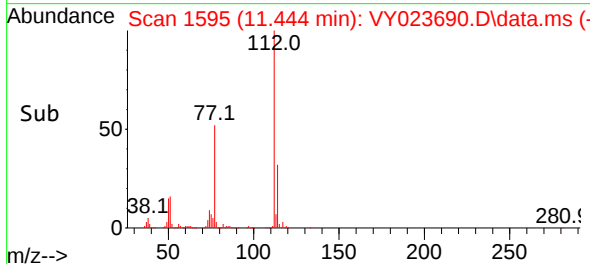
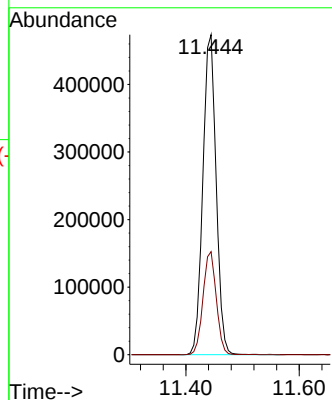
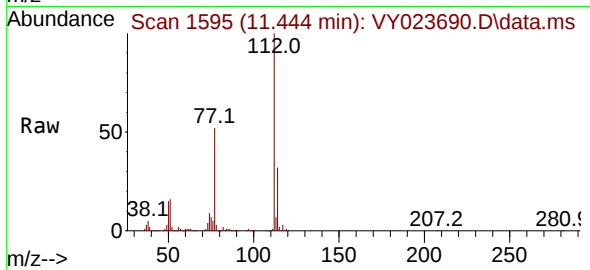
VSTDCCC050EC

Tgt Ion:112 Resp: 768872

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.977 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

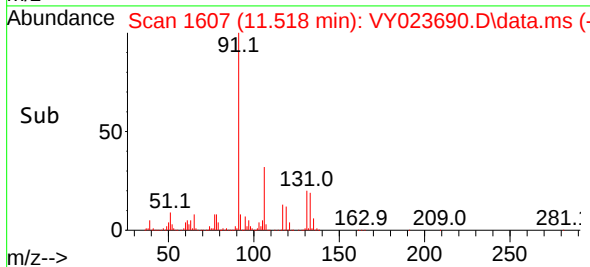
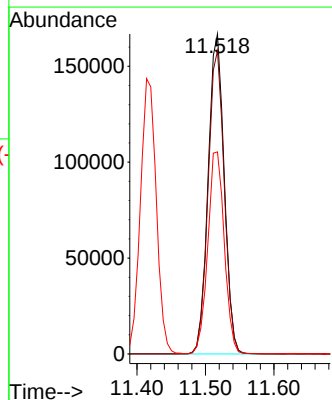
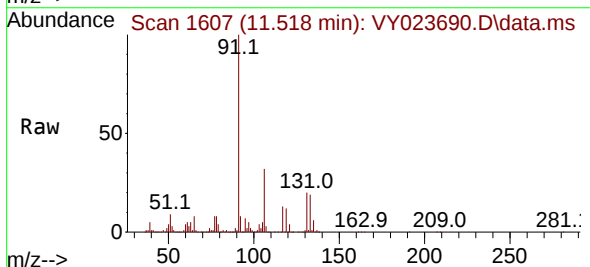
Tgt Ion:131 Resp: 272907

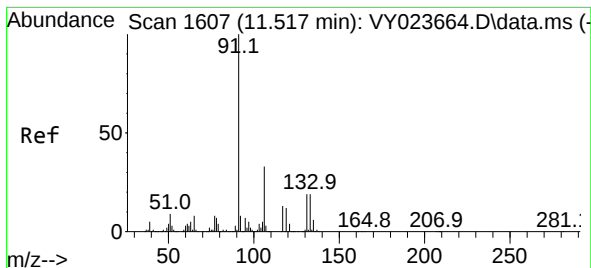
Ion Ratio Lower Upper

131 100

133 95.2 47.3 141.8

119 64.9 32.5 97.4

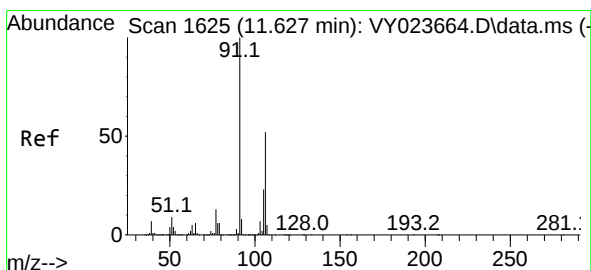
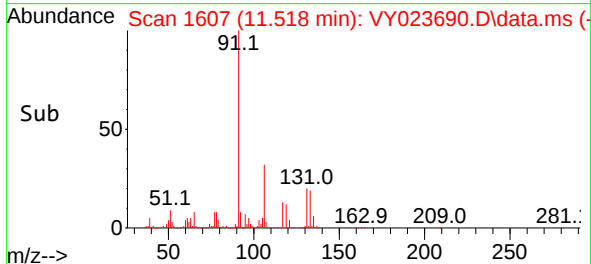
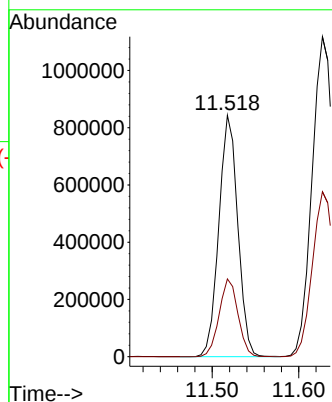
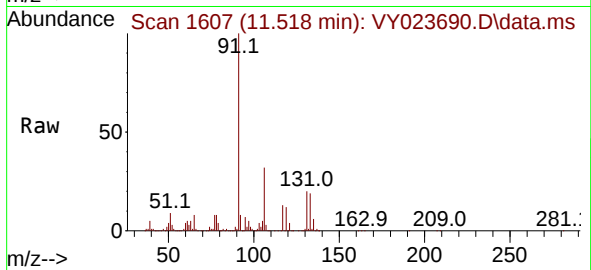




#67
Ethyl Benzene
Concen: 50.232 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

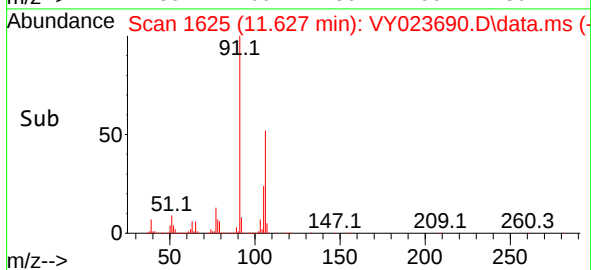
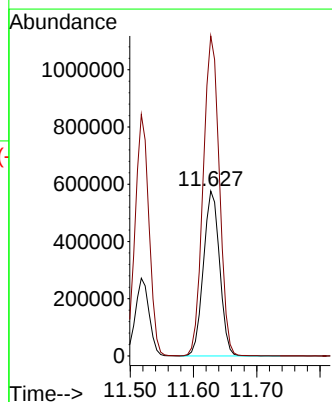
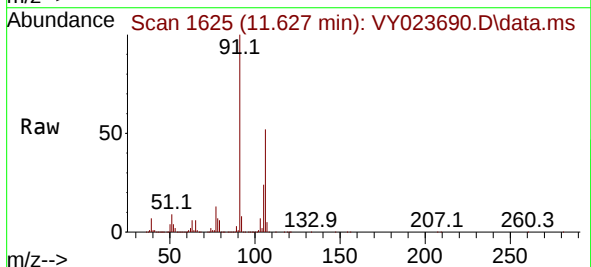
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

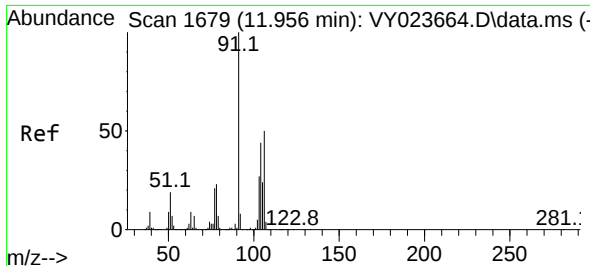
Tgt Ion: 91 Resp: 1281082
Ion Ratio Lower Upper
91 100
106 32.2 26.6 40.0



#68
m/p-Xylenes
Concen: 100.612 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion:106 Resp: 1025195
Ion Ratio Lower Upper
106 100
91 194.6 154.3 231.5

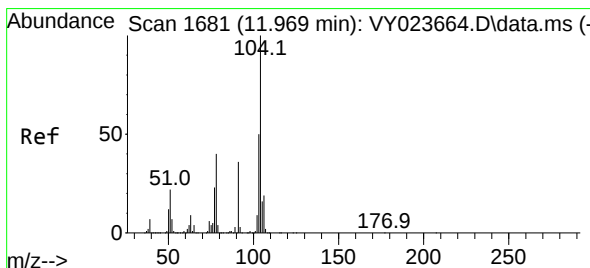
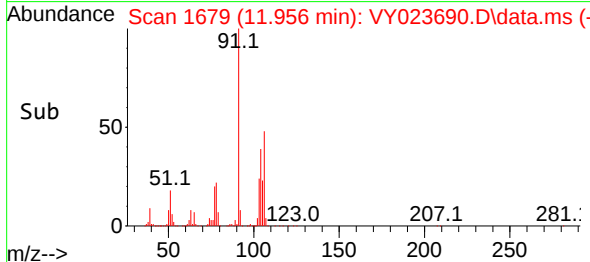
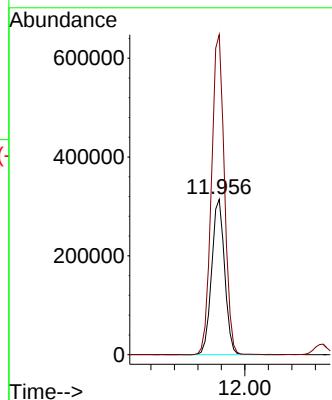
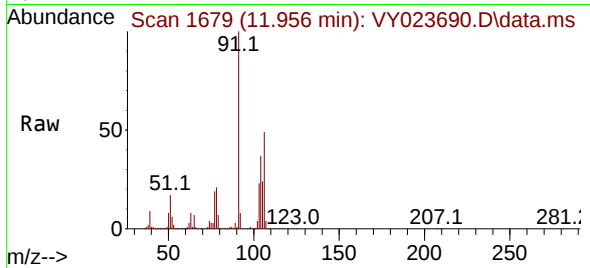




#69
o-Xylene
Concen: 51.165 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

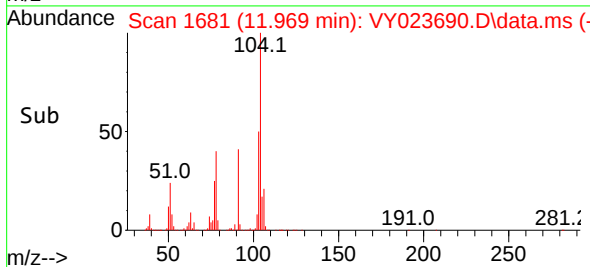
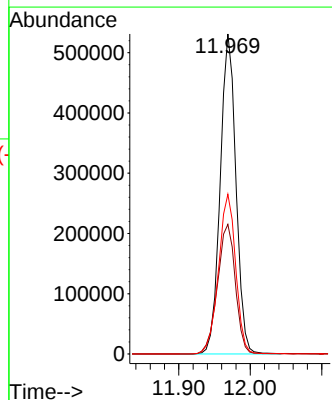
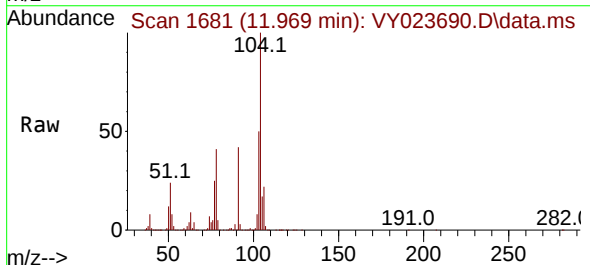
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

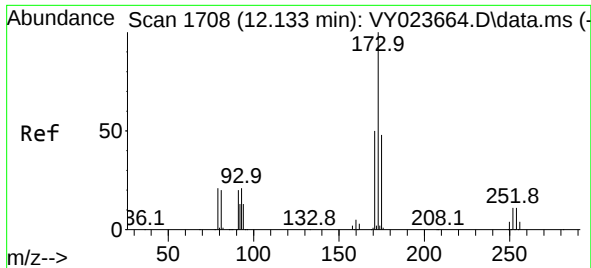
Tgt Ion:106 Resp: 481926
Ion Ratio Lower Upper
106 100
91 205.6 101.6 304.6



#70
Styrene
Concen: 52.282 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion:104 Resp: 812522
Ion Ratio Lower Upper
104 100
78 46.1 36.5 54.7
103 54.5 43.7 65.5

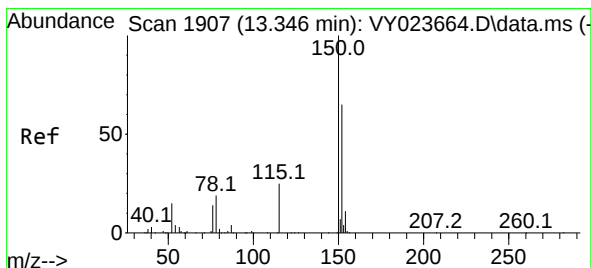
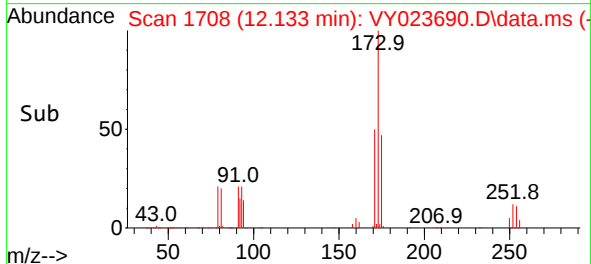
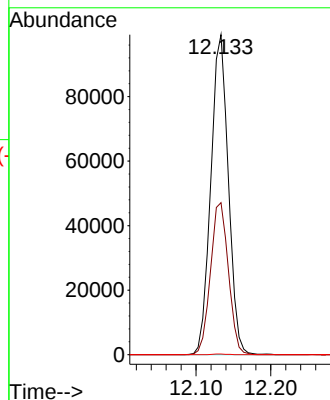
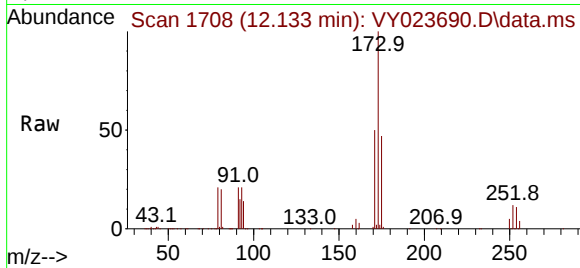




#71
Bromoform
Concen: 49.589 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

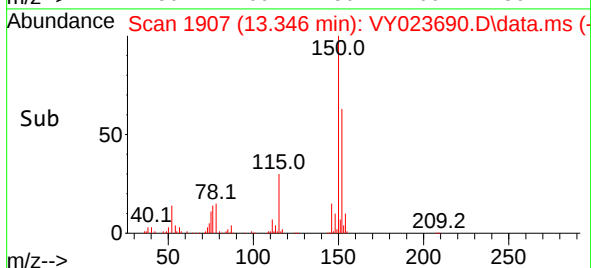
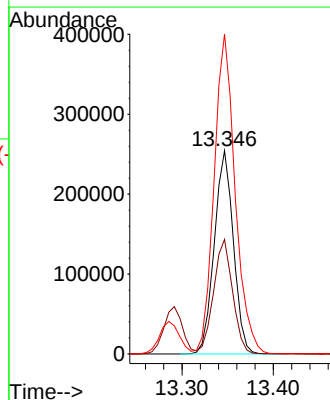
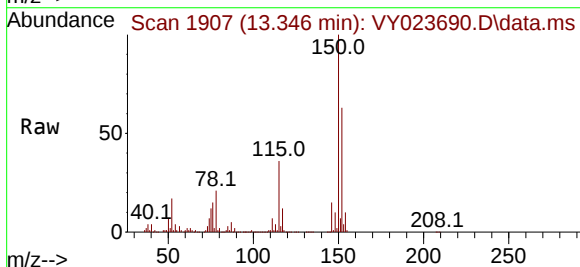
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

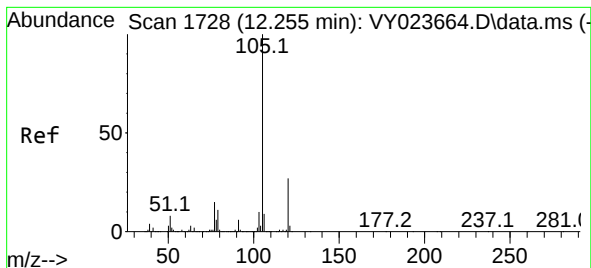
Tgt Ion:173 Resp: 161380
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion:152 Resp: 369586
Ion Ratio Lower Upper
152 100
115 55.9 27.5 82.5
150 173.1 0.0 349.0





#73

Isopropylbenzene

Concen: 49.042 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

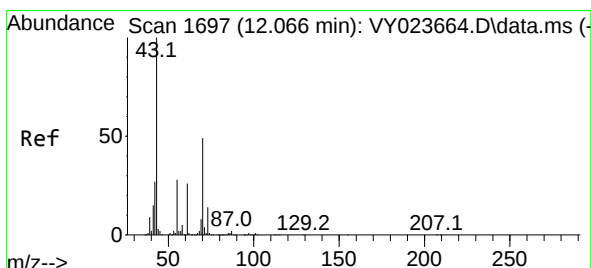
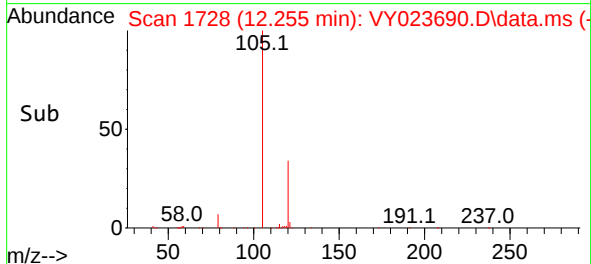
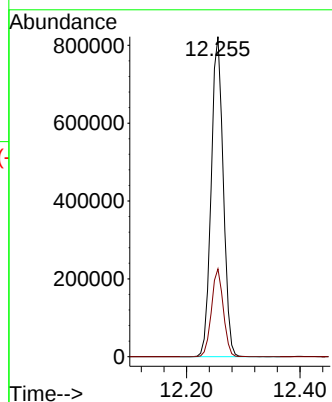
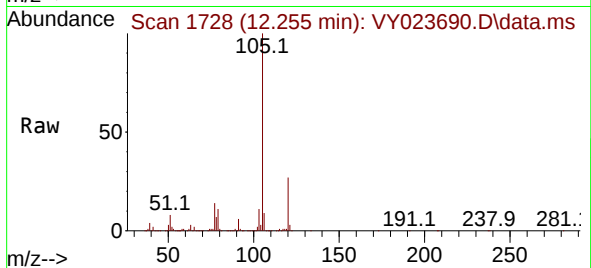
VSTDCCC050EC

Tgt Ion:105 Resp: 1212261

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 50.913 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Tgt Ion: 43 Resp: 213070

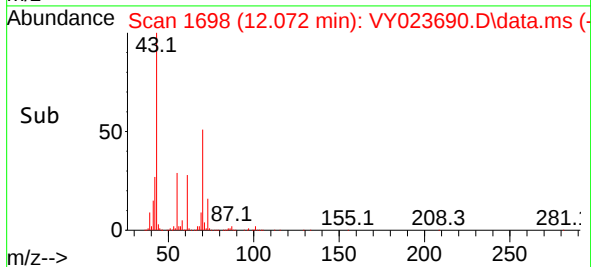
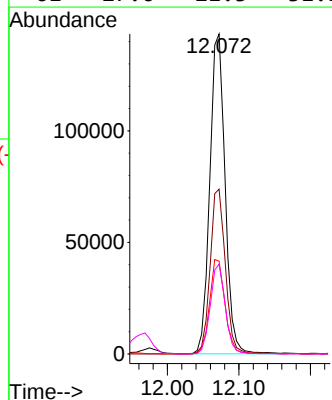
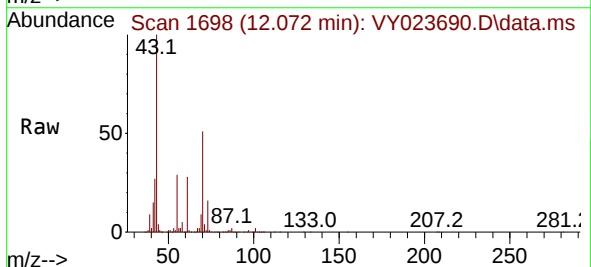
Ion Ratio Lower Upper

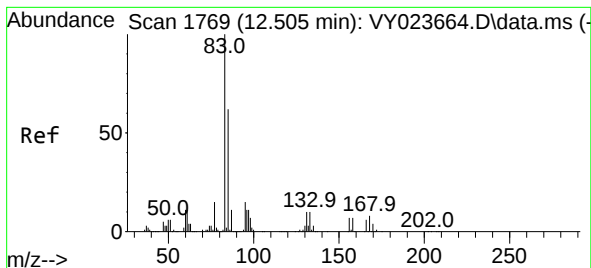
43 100

70 51.3 40.1 60.1

55 30.1 23.0 34.6

61 27.6 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.251 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

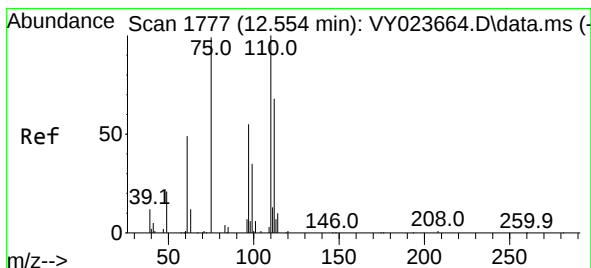
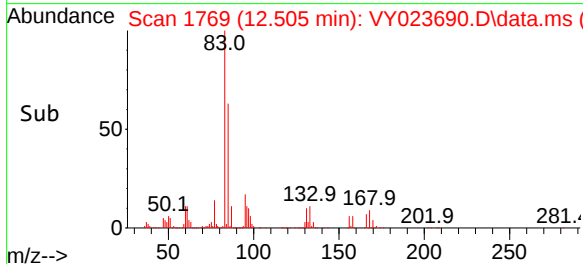
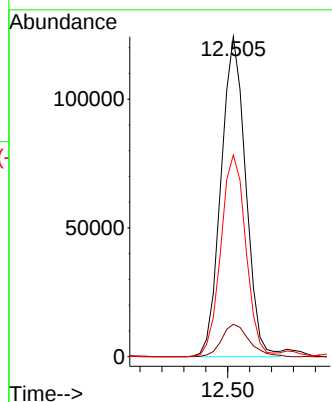
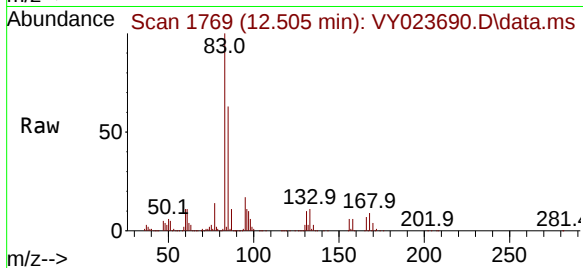
Tgt Ion: 83 Resp: 194436

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 87.690 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY023690.D

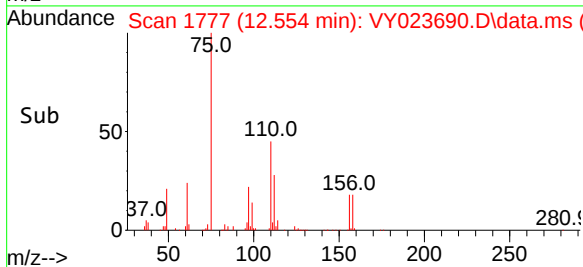
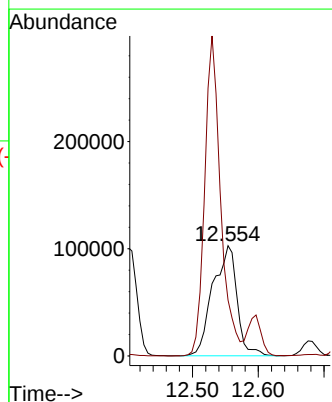
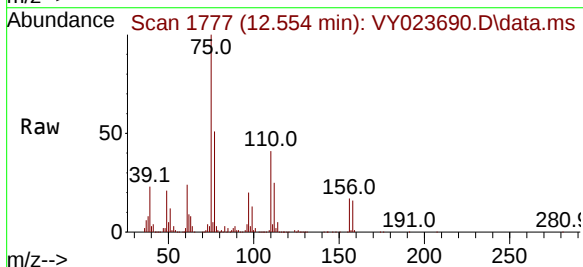
Acq: 05 Nov 2025 15:26

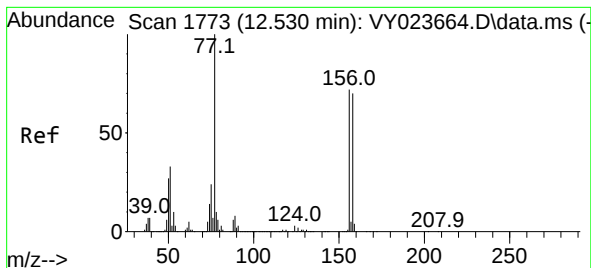
Tgt Ion: 75 Resp: 262289

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.255 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

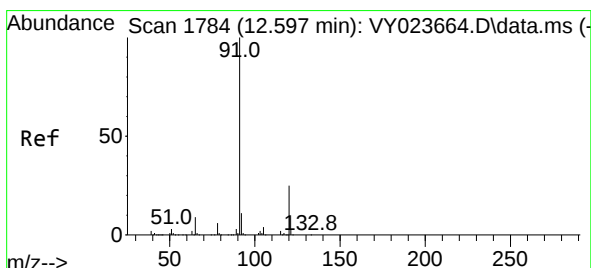
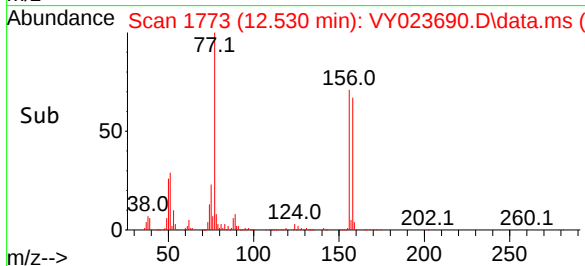
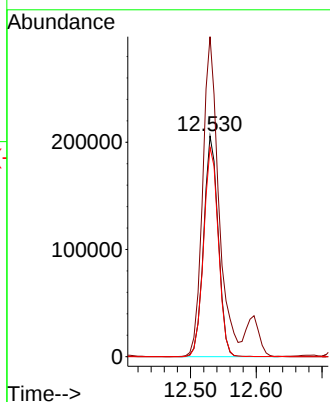
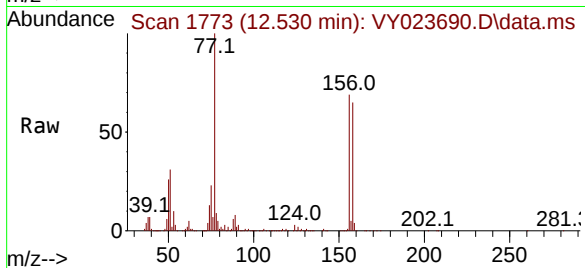
Tgt Ion:156 Resp: 315816

Ion Ratio Lower Upper

156 100

77 159.8 77.9 233.7

158 96.2 48.5 145.5



#78

n-propylbenzene

Concen: 49.405 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023690.D

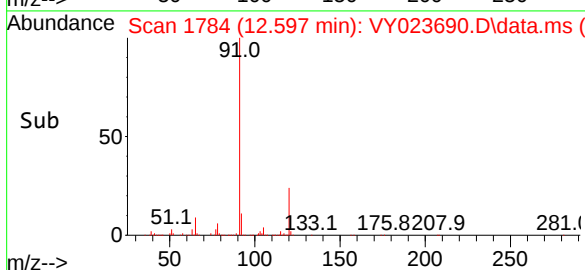
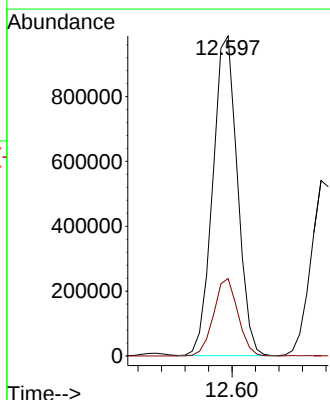
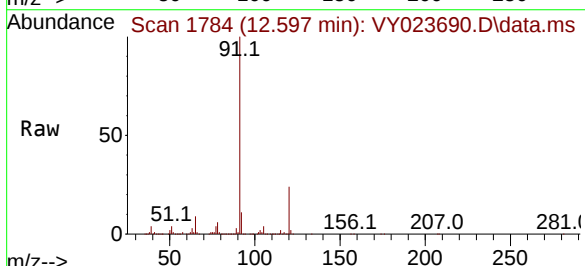
Acq: 05 Nov 2025 15:26

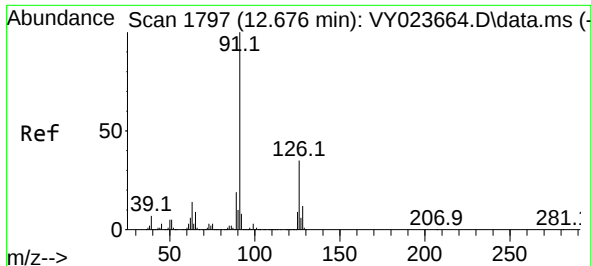
Tgt Ion: 91 Resp: 1436472

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.1





#79

2-Chlorotoluene

Concen: 50.095 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

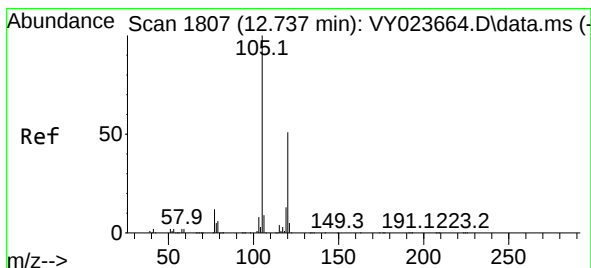
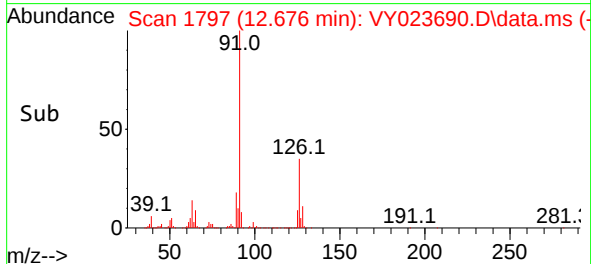
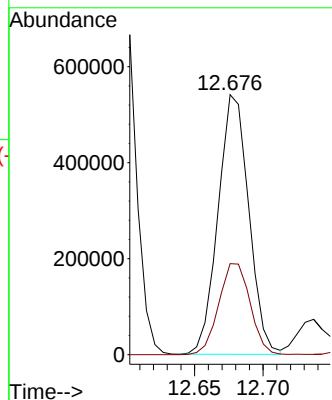
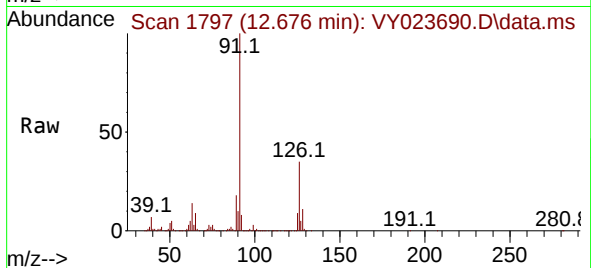
VSTDCCC050EC

Tgt Ion: 91 Resp: 845205

Ion Ratio Lower Upper

91 100

126 35.9 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 50.852 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY023690.D

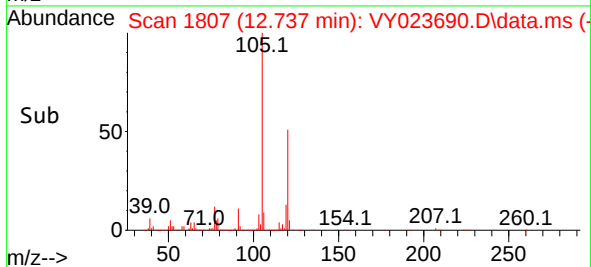
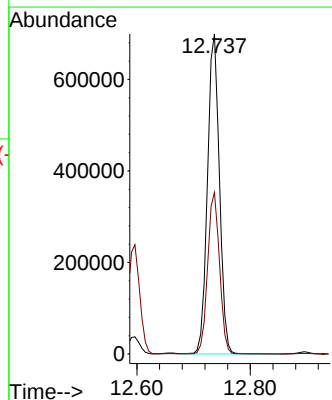
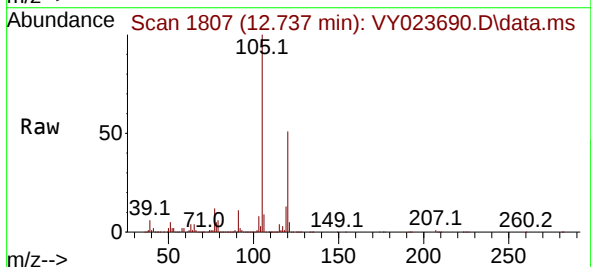
Acq: 05 Nov 2025 15:26

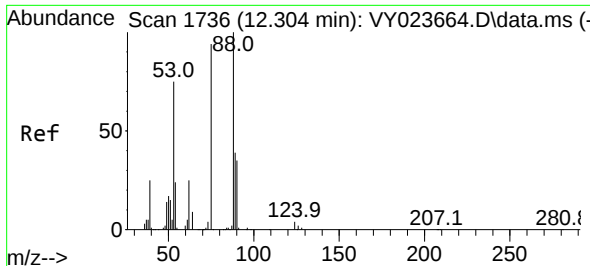
Tgt Ion:105 Resp: 1021298

Ion Ratio Lower Upper

105 100

120 50.2 25.4 76.2

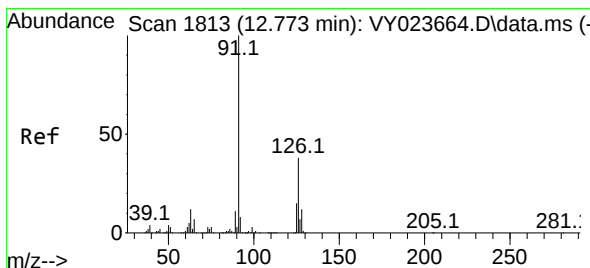
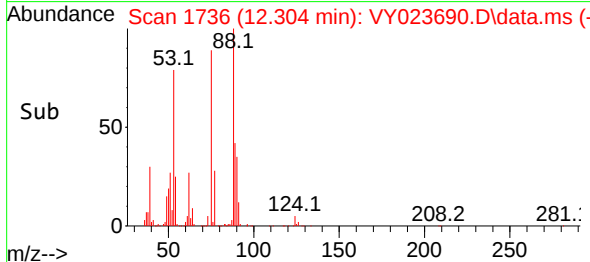
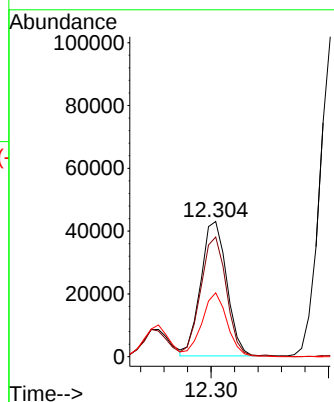
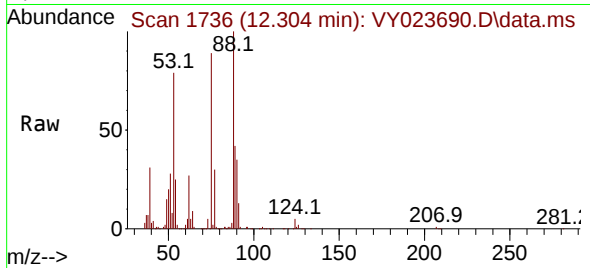




#81
trans-1,4-Dichloro-2-butene
Concen: 49.708 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

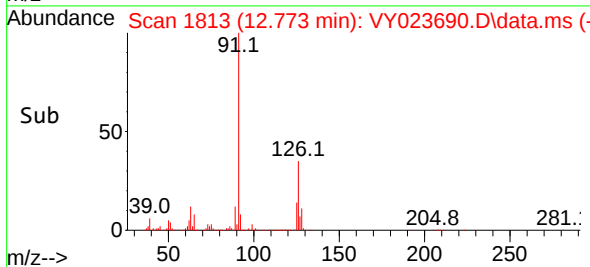
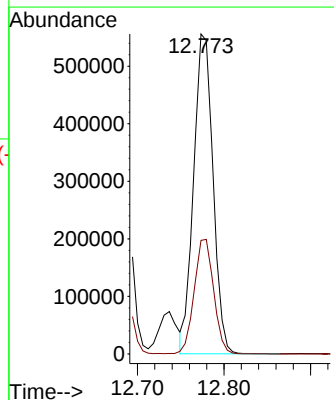
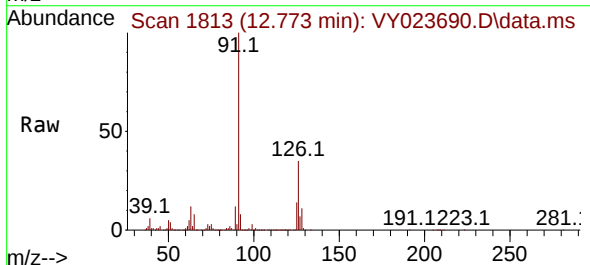
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

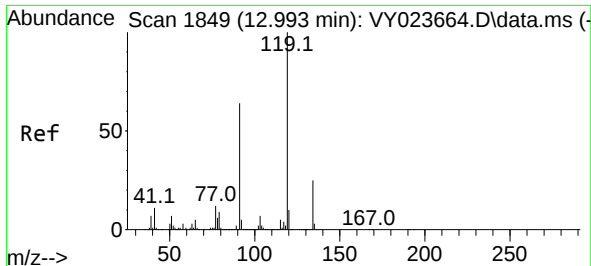
Tgt Ion: 75 Resp: 65790
Ion Ratio Lower Upper
75 100
53 89.4 69.6 104.4
89 46.5 38.2 57.4



#82
4-Chlorotoluene
Concen: 49.603 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 91 Resp: 863097
Ion Ratio Lower Upper
91 100
126 36.2 18.1 54.4

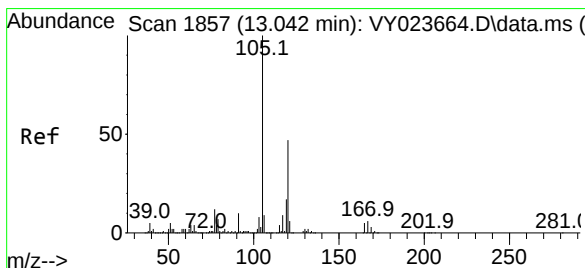
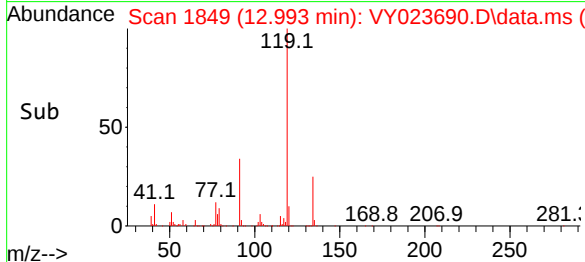
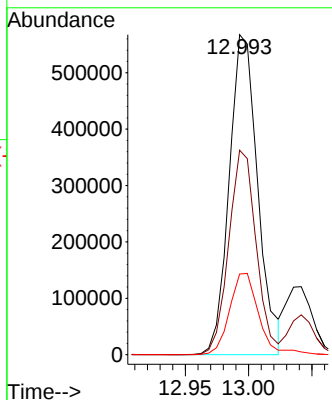
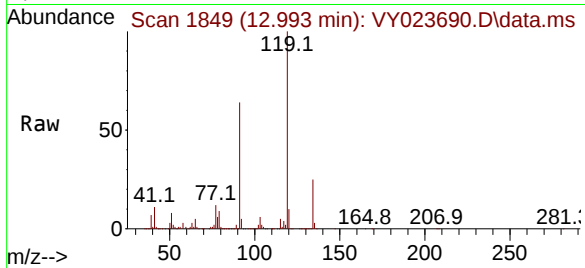




#83
tert-Butylbenzene
Concen: 48.773 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

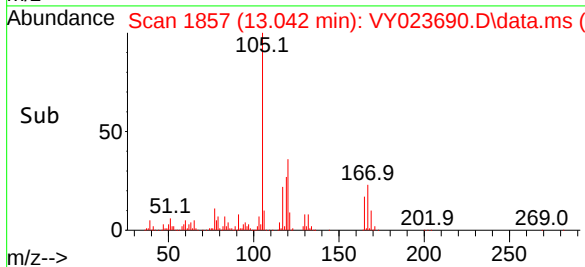
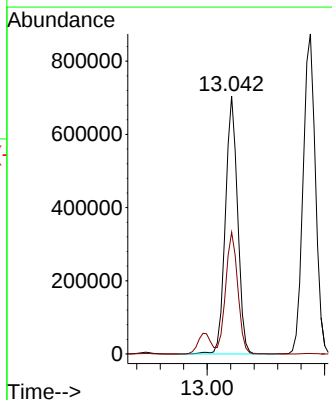
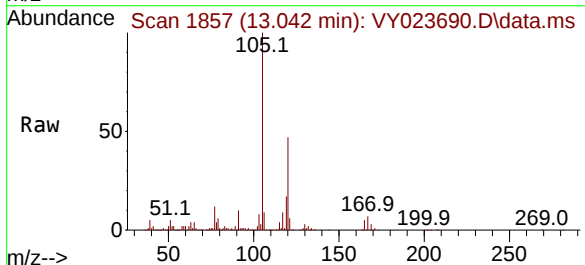
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

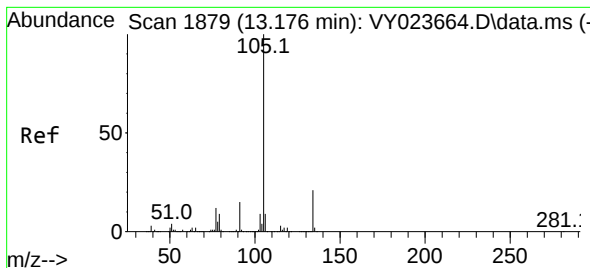
Tgt Ion:119 Resp: 892136
Ion Ratio Lower Upper
119 100
91 61.5 30.7 92.1
134 26.0 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 50.951 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion:105 Resp: 1013527
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 47.950 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

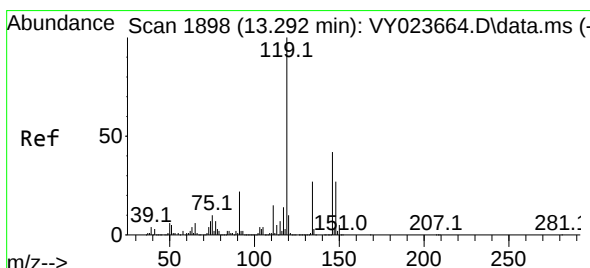
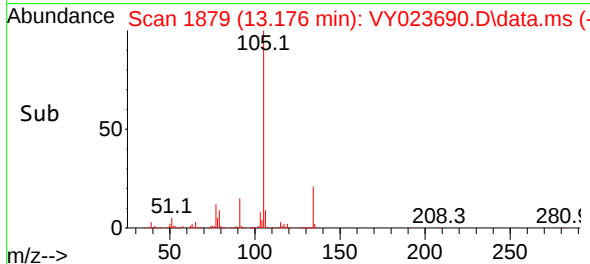
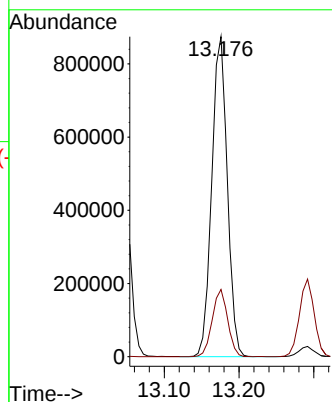
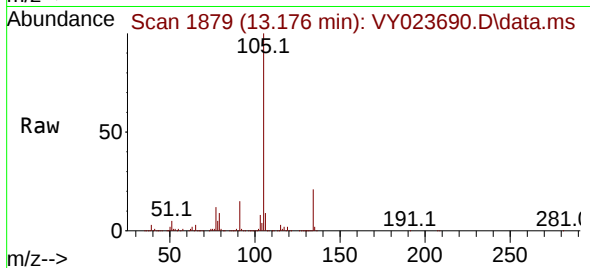
VSTDCCC050EC

Tgt Ion:105 Resp: 1265067

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 48.844 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

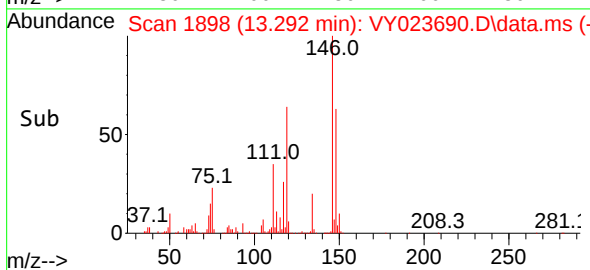
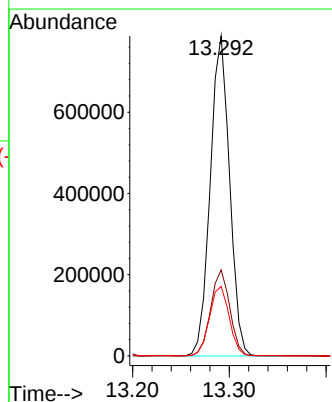
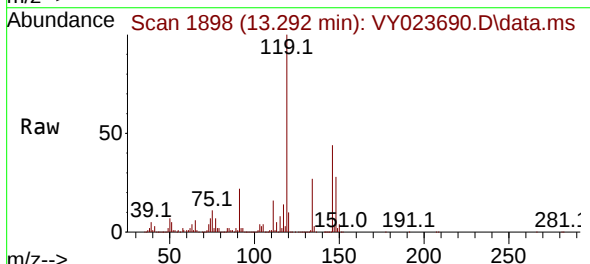
Tgt Ion:119 Resp: 1090894

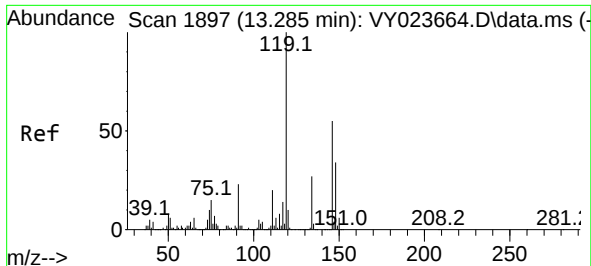
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 22.2 11.1 33.1

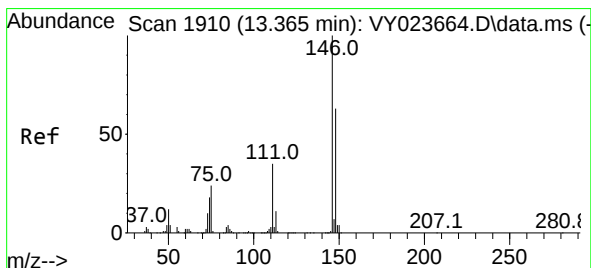
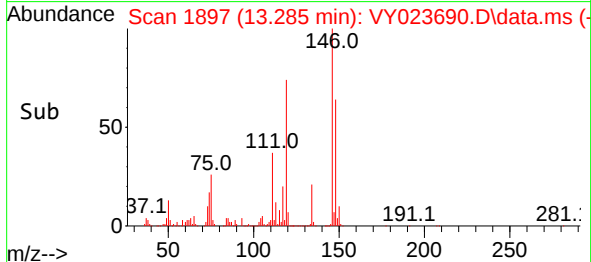
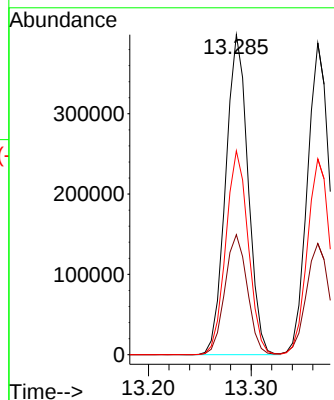
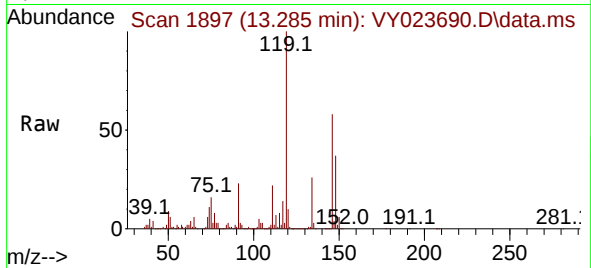




#87
 1,3-Dichlorobenzene
 Concen: 47.738 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023690.D
 Acq: 05 Nov 2025 15:26

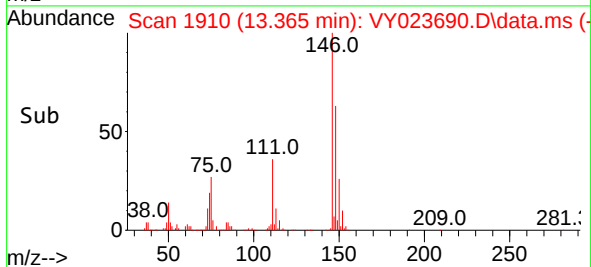
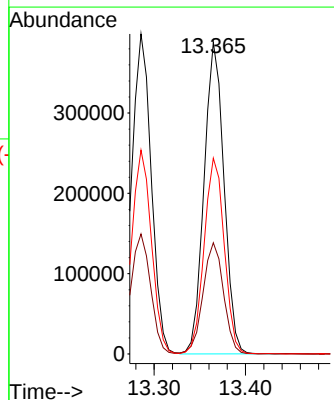
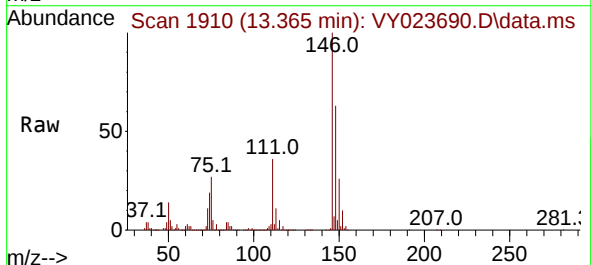
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

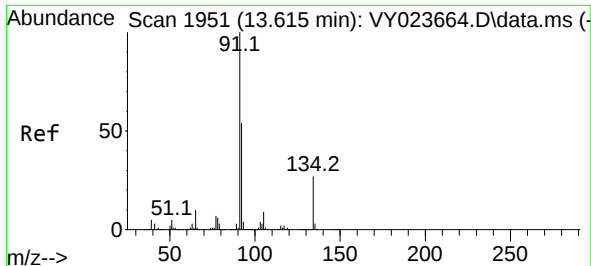
Tgt Ion:146 Resp: 602450
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.8 56.3
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.286 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY023690.D
 Acq: 05 Nov 2025 15:26

Tgt Ion:146 Resp: 586181
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.3 54.8
 148 63.7 31.8 95.3

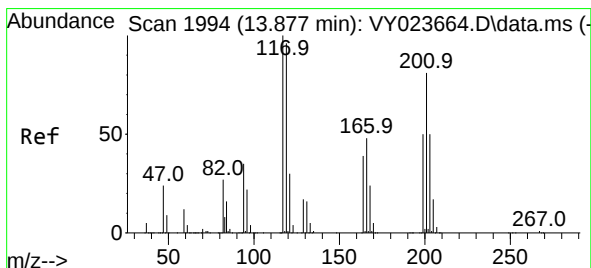
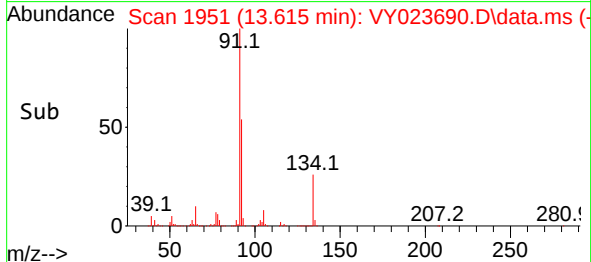
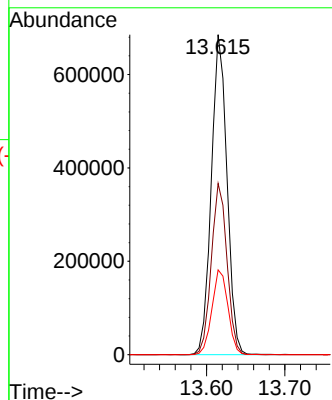
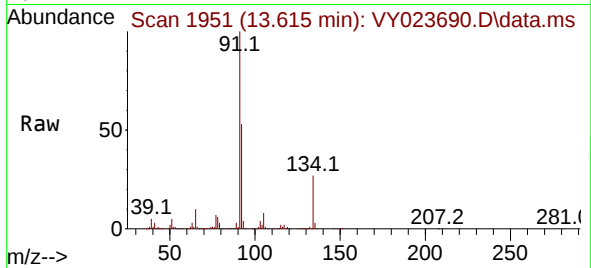




#89
n-Butylbenzene
Concen: 48.959 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

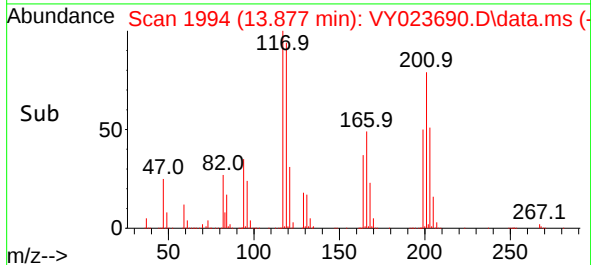
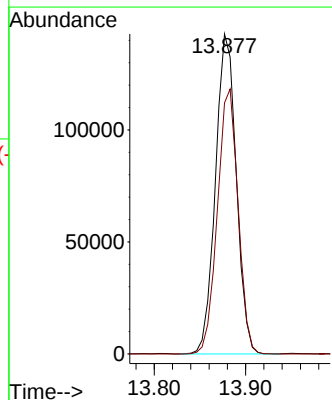
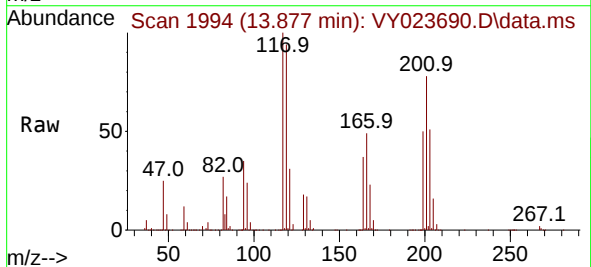
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

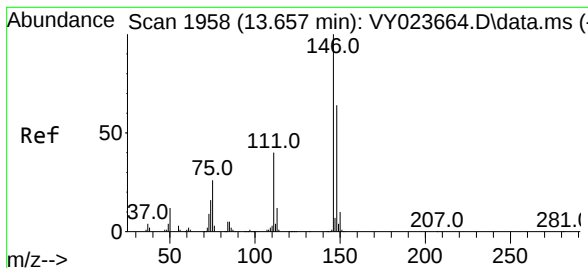
Tgt Ion: 91 Resp: 950841
Ion Ratio Lower Upper
91 100
92 53.7 26.5 79.4
134 27.1 13.7 41.1



#90
Hexachloroethane
Concen: 47.162 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY023690.D
Acq: 05 Nov 2025 15:26

Tgt Ion: 117 Resp: 226359
Ion Ratio Lower Upper
117 100
201 82.2 42.3 126.8

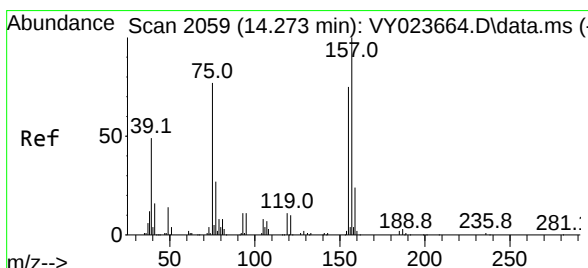
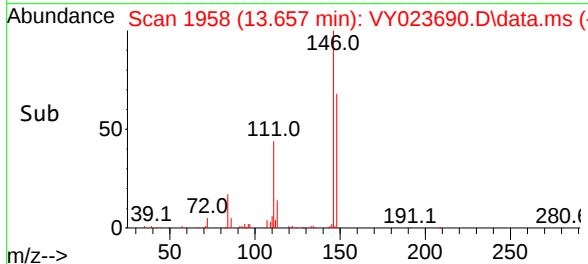
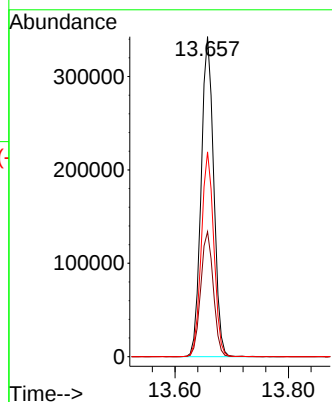
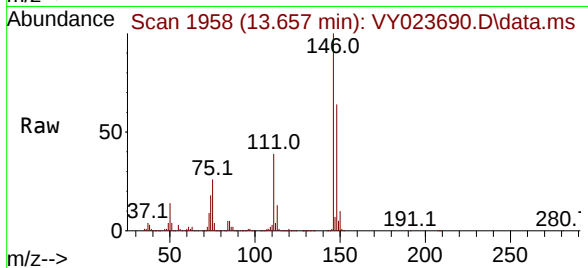




#91
 1,2-Dichlorobenzene
 Concen: 48.381 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY023690.D
 Acq: 05 Nov 2025 15:26

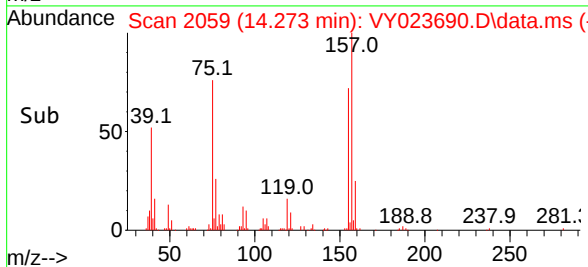
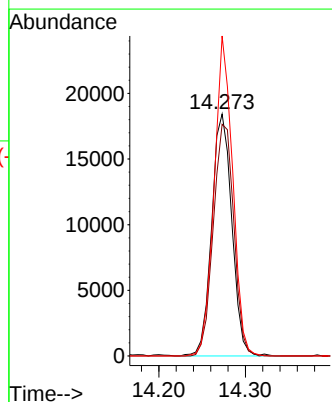
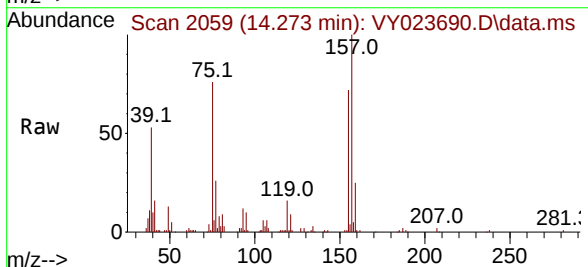
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

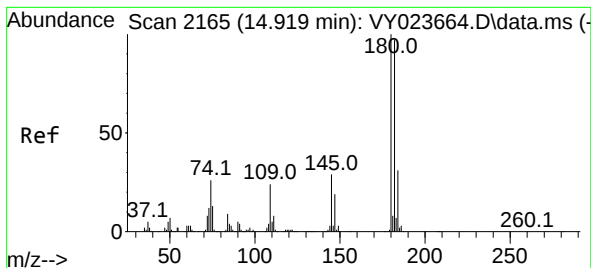
Tgt Ion:146 Resp: 526169
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.5 58.5
 148 63.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.900 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY023690.D
 Acq: 05 Nov 2025 15:26

Tgt Ion: 75 Resp: 29724
 Ion Ratio Lower Upper
 75 100
 155 97.8 49.4 148.2
 157 121.7 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 48.246 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

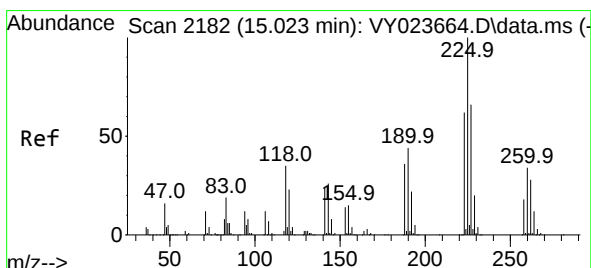
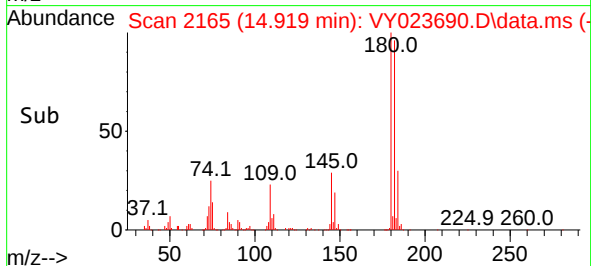
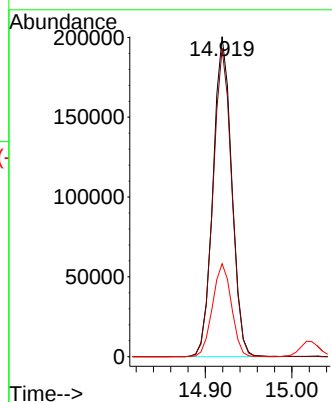
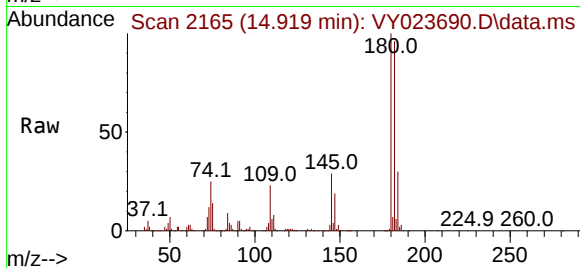
Tgt Ion:180 Resp: 300123

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.6

145 29.5 14.4 43.4



#94

Hexachlorobutadiene

Concen: 43.896 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

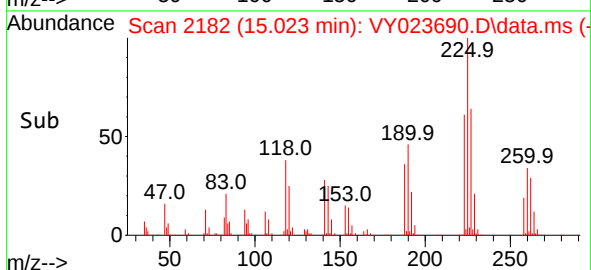
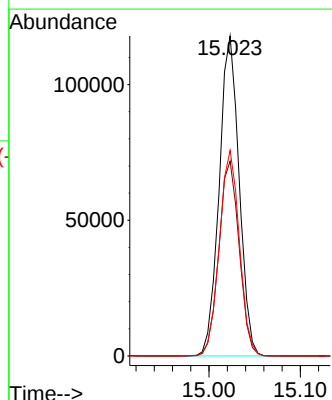
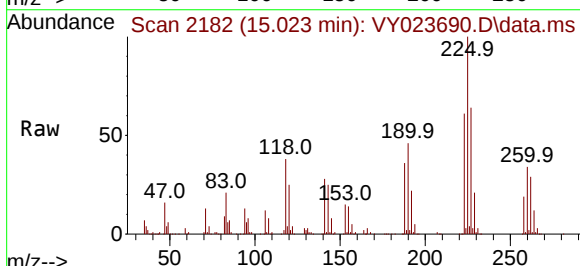
Tgt Ion:225 Resp: 178914

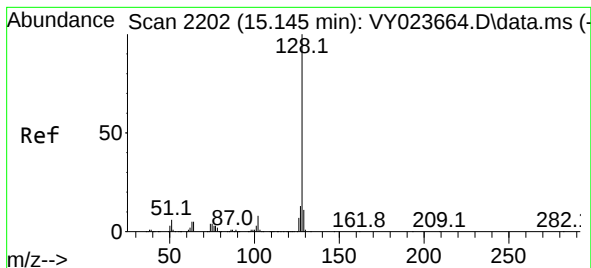
Ion Ratio Lower Upper

225 100

223 61.8 30.8 92.3

227 64.6 32.0 96.2





#95

Naphthalene

Concen: 44.312 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

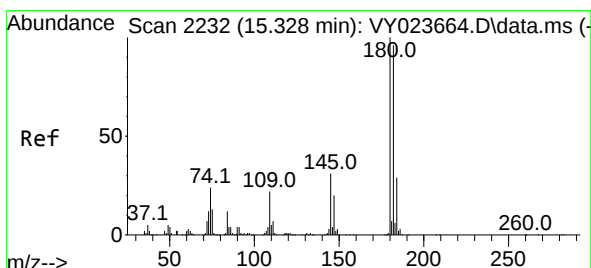
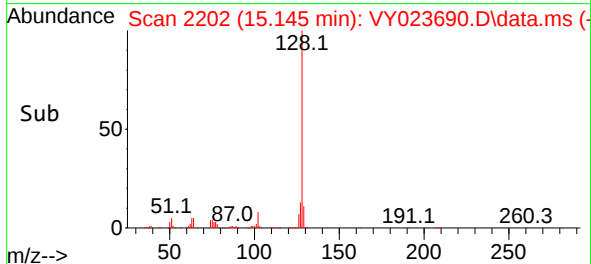
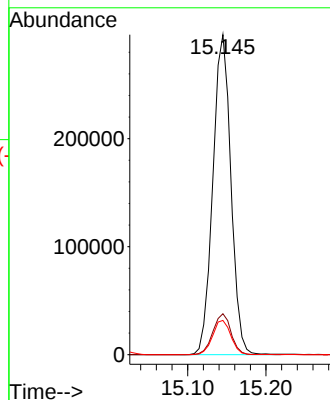
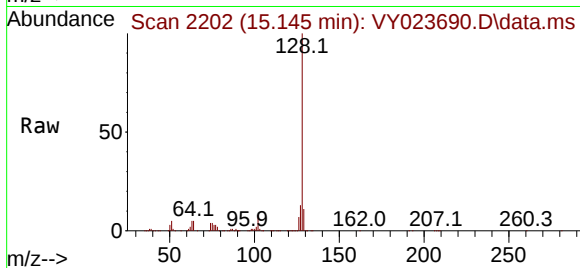
Tgt Ion:128 Resp: 474629

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.519 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023690.D

Acq: 05 Nov 2025 15:26

Tgt Ion:180 Resp: 257367

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

145 30.8 15.5 46.5

