

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111125\
 Data File : VY023731.D
 Acq On : 11 Nov 2025 11:30
 Operator : SY/MD
 Sample : VY1111SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBS01

Quant Time: Nov 12 03:32:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	555665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	814993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	713859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	365292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	219717	47.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.580%
35) Dibromofluoromethane	7.640	113	243843	48.693	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.109	98	955427	51.231	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.408	95	314771	51.124	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	80342	20.087	ug/l	99
3) Chloromethane	2.074	50	101973	18.716	ug/l	99
4) Vinyl Chloride	2.208	62	133133	18.760	ug/l	99
5) Bromomethane	2.599	94	111993	18.805	ug/l	98
6) Chloroethane	2.739	64	92017	19.022	ug/l	99
7) Trichlorofluoromethane	3.062	101	197648	20.059	ug/l	98
8) Diethyl Ether	3.458	74	51882	20.150	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	111619	21.830	ug/l	99
10) Methyl Iodide	4.013	142	119707	21.030	ug/l	99
11) Tert butyl alcohol	4.866	59	25722	74.411	ug/l	98
12) 1,1-Dichloroethene	3.800	96	105791	21.343	ug/l	94
13) Acrolein	3.659	56	34146	69.907	ug/l	98
14) Allyl chloride	4.391	41	125542	20.782	ug/l	98
15) Acrylonitrile	5.068	53	90515	91.860	ug/l	100
16) Acetone	3.873	43	124054	112.145	ug/l	95
17) Carbon Disulfide	4.110	76	318821	22.474	ug/l	98
18) Methyl Acetate	4.391	43	36356	12.529	ug/l	98
19) Methyl tert-butyl Ether	5.129	73	225766	18.951	ug/l	98
20) Methylene Chloride	4.623	84	111106	18.574	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	114835	21.043	ug/l	94
22) Diisopropyl ether	6.025	45	282482	21.141	ug/l	96
23) Vinyl Acetate	5.964	43	747984	103.419	ug/l	100
24) 1,1-Dichloroethane	5.921	63	181709	20.530	ug/l	96
25) 2-Butanone	6.903	43	133108	98.563	ug/l	94
26) 2,2-Dichloropropane	6.890	77	171475	21.113	ug/l	99
27) cis-1,2-Dichloroethene	6.897	96	129506	20.545	ug/l	99
28) Bromochloromethane	7.250	49	68296	20.669	ug/l	95
29) Tetrahydrofuran	7.268	42	66268	86.532	ug/l	99
30) Chloroform	7.427	83	201785	20.750	ug/l	100
31) Cyclohexane	7.707	56	166451	21.534	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	186861	21.144	ug/l	99
36) 1,1-Dichloropropene	7.841	75	143891	21.704	ug/l	98
37) Ethyl Acetate	6.988	43	50503	19.228	ug/l	98
38) Carbon Tetrachloride	7.823	117	168031	20.902	ug/l	98
39) Methylcyclohexane	9.110	83	182305	21.120	ug/l	96
40) Benzene	8.085	78	439281	20.922	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	23175	16.314	ug/l	94
42) 1,2-Dichloroethane	8.165	62	106659	19.698	ug/l	99
43) Isopropyl Acetate	8.201	43	95244	18.186	ug/l	98
44) Trichloroethene	8.866	130	124062	20.188	ug/l	94
45) 1,2-Dichloropropane	9.146	63	97027	20.922	ug/l	100
46) Dibromomethane	9.238	93	57134	19.484	ug/l	96
47) Bromodichloromethane	9.427	83	149524	20.246	ug/l	99
48) Methyl methacrylate	9.225	41	43419	17.647	ug/l	98
49) 1,4-Dioxane	9.231	88	10433	306.860	ug/l #	92
51) 4-Methyl-2-Pentanone	10.000	43	244191	90.242	ug/l	98
52) Toluene	10.176	92	301256	22.099	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	124996	19.465	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	152255	20.089	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	76206	19.325	ug/l	95
56) Ethyl methacrylate	10.445	69	82248	18.082	ug/l	99
57) 1,3-Dichloropropane	10.719	76	121331	19.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	180115	88.391	ug/l	98
59) 2-Hexanone	10.762	43	184431	95.373	ug/l	97
60) Dibromochloromethane	10.914	129	106867	19.330	ug/l	98
61) 1,2-Dibromoethane	11.018	107	70483	18.742	ug/l	100
64) Tetrachloroethene	10.652	164	143433	19.459	ug/l	95
65) Chlorobenzene	11.444	112	327896	21.119	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	113516	20.517	ug/l	99
67) Ethyl Benzene	11.524	91	544532	21.667	ug/l	100
68) m/p-Xylenes	11.633	106	434129	43.067	ug/l	96
69) o-Xylene	11.957	106	196249	20.756	ug/l	98
70) Styrene	11.975	104	327412	21.057	ug/l	99
71) Bromoform	12.133	173	61584	17.944	ug/l #	99
73) Isopropylbenzene	12.255	105	525652	21.836	ug/l	99
74) N-amyl acetate	12.072	43	79010	18.273	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	77768	19.751	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	103641	32.158	ug/l #	100
77) Bromobenzene	12.536	156	130114	20.331	ug/l	97
78) n-propylbenzene	12.597	91	625075	22.438	ug/l	100
79) 2-Chlorotoluene	12.682	91	357489	21.914	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	429724	22.090	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	23660	18.002	ug/l	91
82) 4-Chlorotoluene	12.780	91	370218	22.036	ug/l	100
83) tert-Butylbenzene	12.999	119	380074	21.161	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	426605	21.974	ug/l	97
85) sec-Butylbenzene	13.176	105	562264	21.823	ug/l	98
86) p-Isopropyltoluene	13.292	119	472463	21.537	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	252264	20.242	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	247306	20.092	ug/l	98
89) n-Butylbenzene	13.621	91	405574	21.218	ug/l	99
90) Hexachloroethane	13.883	117	97786	20.725	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	215127	19.689	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10846	16.788	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	116599	17.118	ug/l	99
94) Hexachlorobutadiene	15.023	225	77724	18.305	ug/l	98
95) Naphthalene	15.145	128	160943	14.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	97042	16.447	ug/l	99

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QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

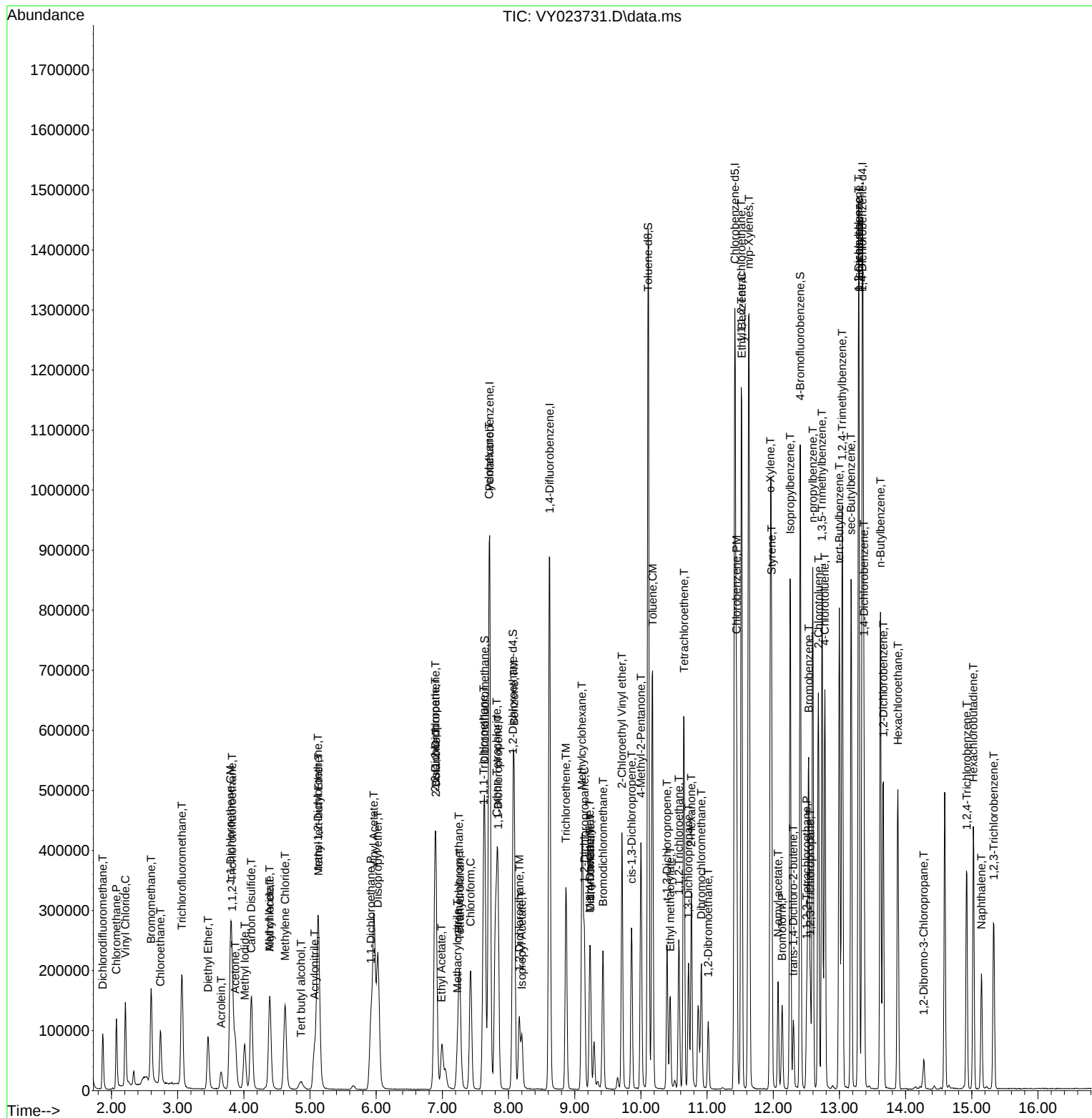
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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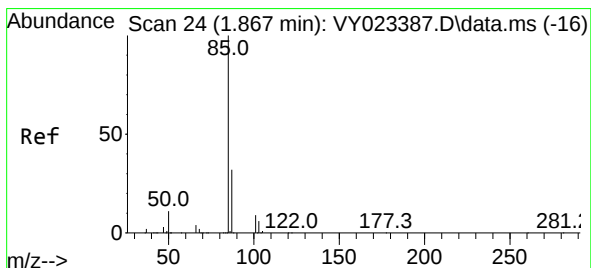
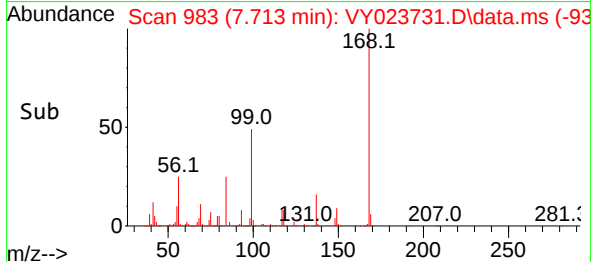
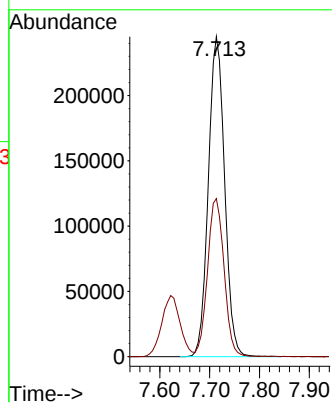
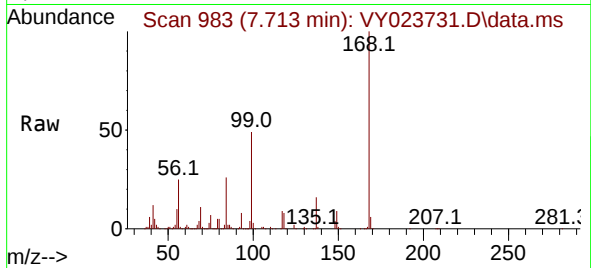




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023731.D
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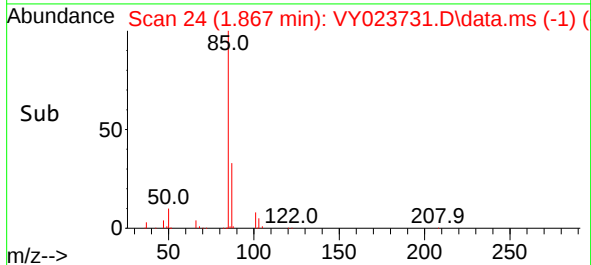
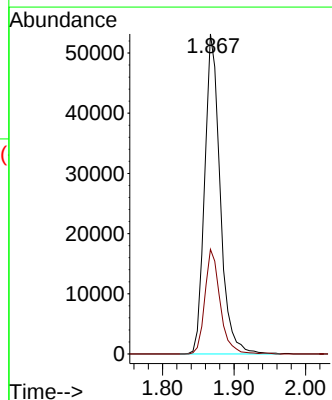
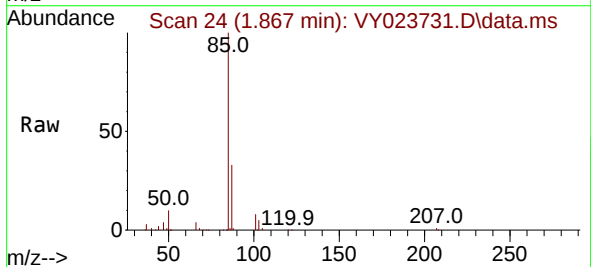
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

Tgt Ion:168 Resp: 555665
Ion Ratio Lower Upper
168 100
99 49.4 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 20.087 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 85 Resp: 80342
Ion Ratio Lower Upper
85 100
87 32.7 16.0 47.9

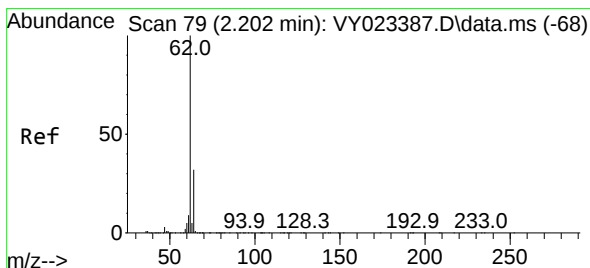
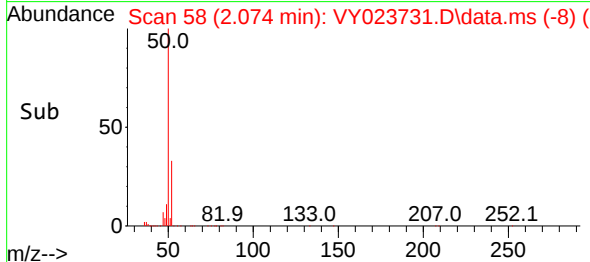
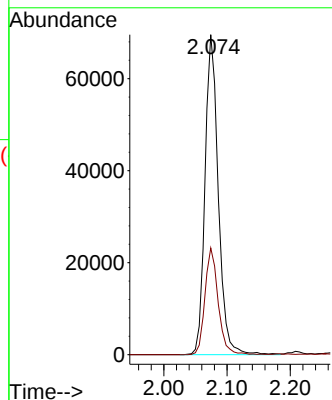
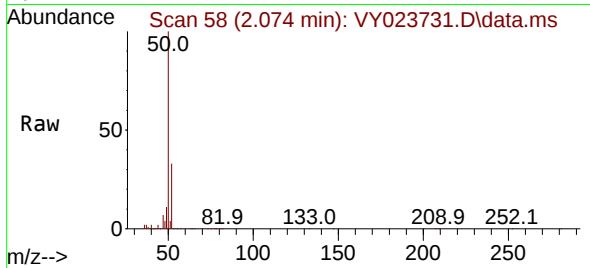




#3
Chloromethane
Concen: 18.716 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

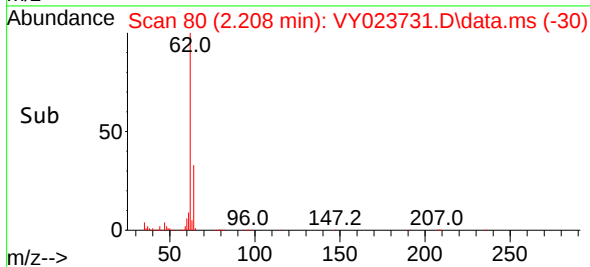
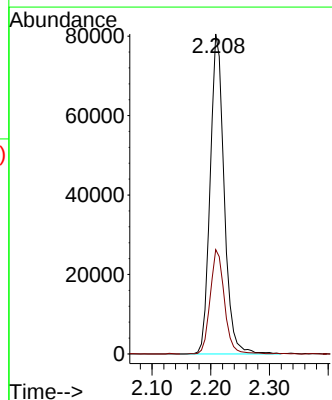
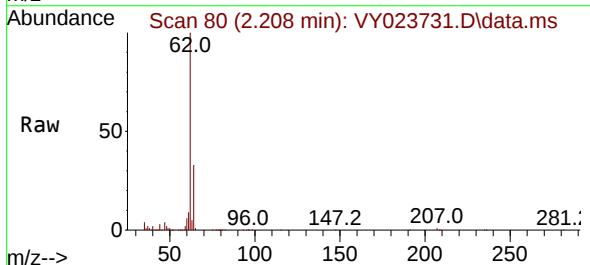
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

Tgt Ion: 50 Resp: 101973
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 18.760 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 62 Resp: 133133
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.8

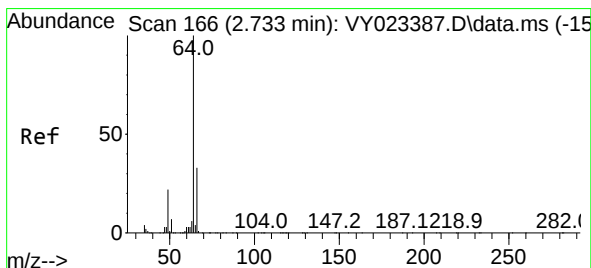
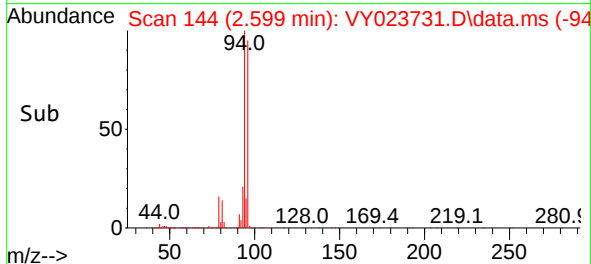
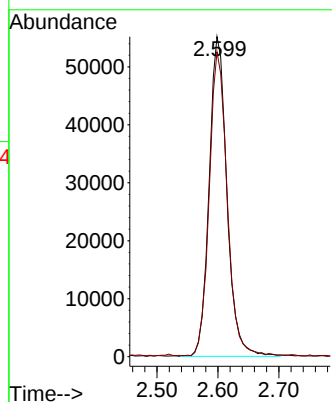
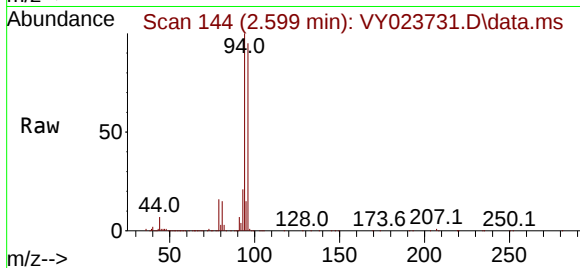




#5
Bromomethane
Concen: 18.805 ug/l
RT: 2.599 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

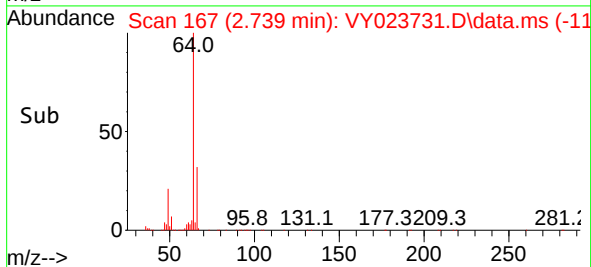
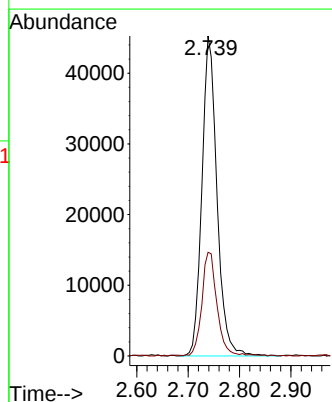
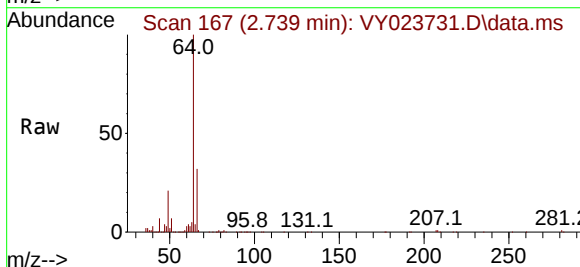
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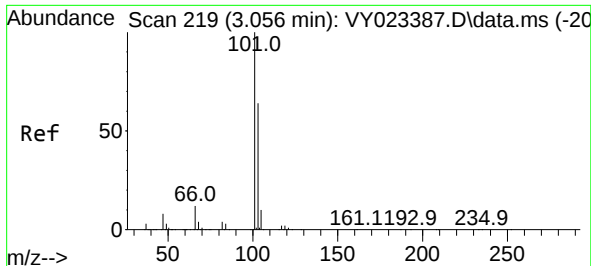
Tgt Ion: 94 Resp: 111993
Ion Ratio Lower Upper
94 100
96 95.0 74.5 111.7



#6
Chloroethane
Concen: 19.022 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 64 Resp: 92017
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

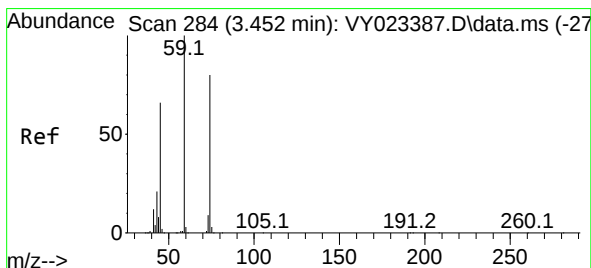
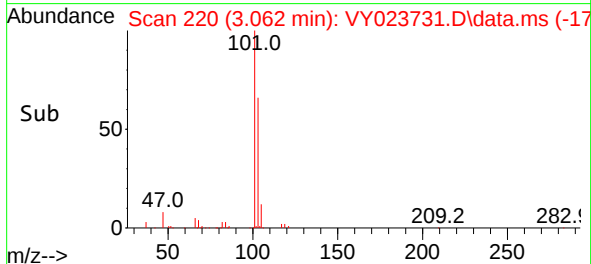
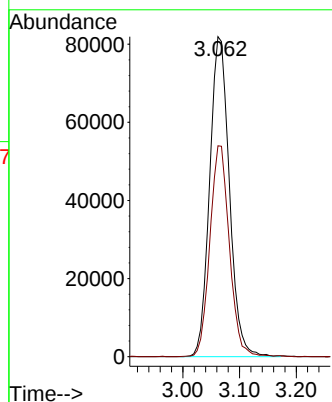
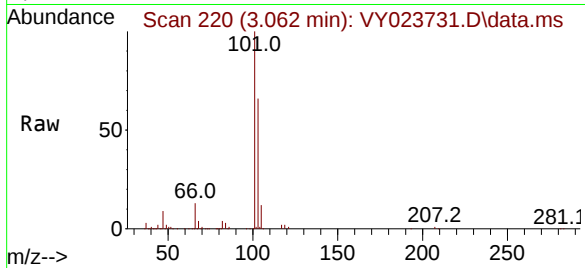




#7
Trichlorofluoromethane
Concen: 20.059 ug/l
RT: 3.062 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

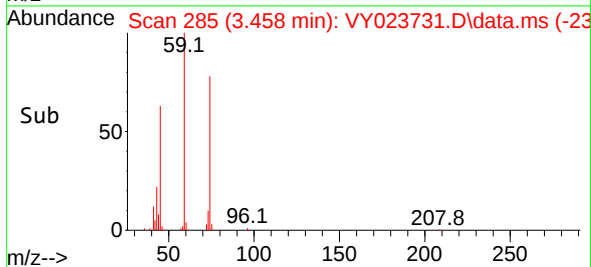
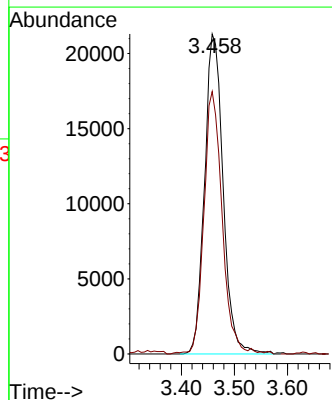
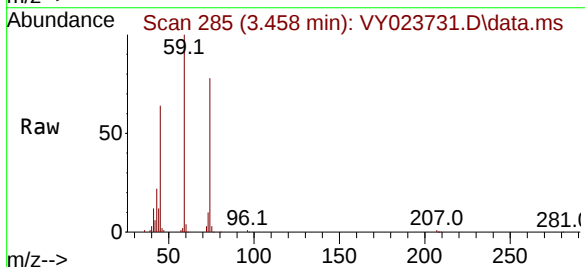
Instrument :
MSVOA_Y
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Tgt Ion:101 Resp: 197648
Ion Ratio Lower Upper
101 100
103 65.8 51.3 76.9



#8
Diethyl Ether
Concen: 20.150 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 74 Resp: 51882
Ion Ratio Lower Upper
74 100
45 80.5 39.9 119.7

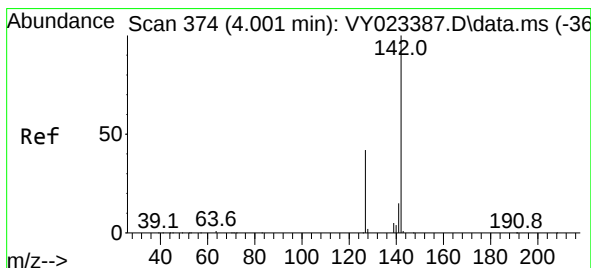
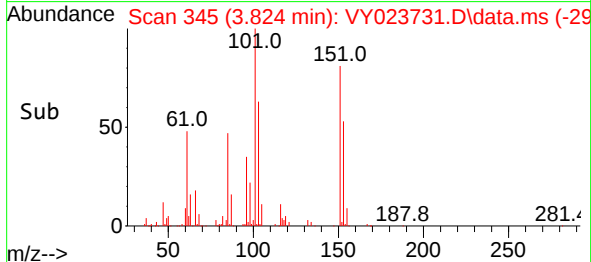
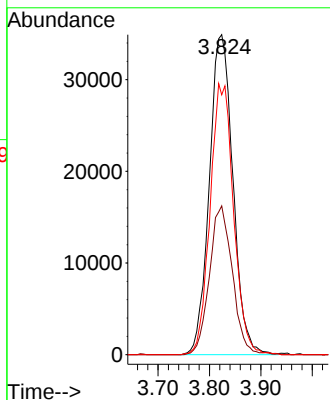
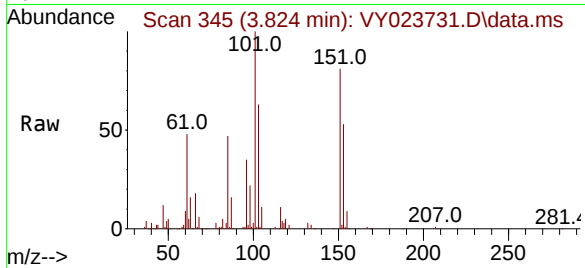




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.830 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023731.D
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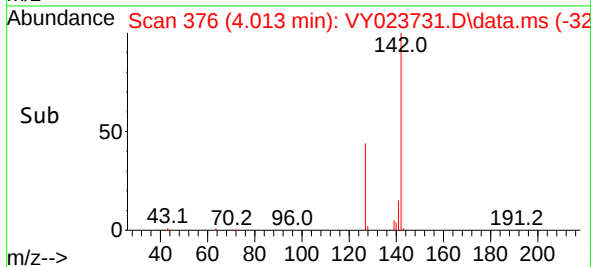
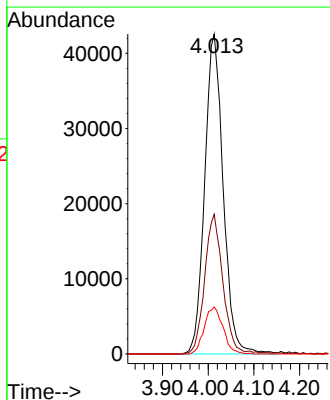
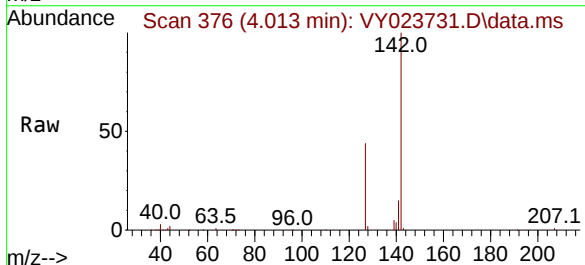
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ClientSampleId :
VY1111SBS01

Tgt Ion:101 Resp: 111619
Ion Ratio Lower Upper
101 100
85 45.1 34.6 51.8
151 84.0 67.0 100.6



#10
Methyl Iodide
Concen: 21.030 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion:142 Resp: 119707
Ion Ratio Lower Upper
142 100
127 43.2 34.8 52.2
141 14.9 11.6 17.4

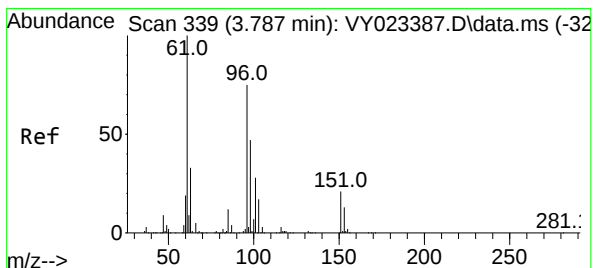
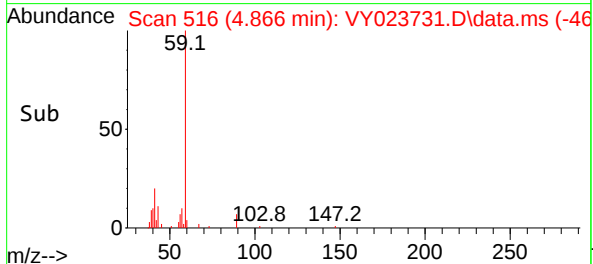
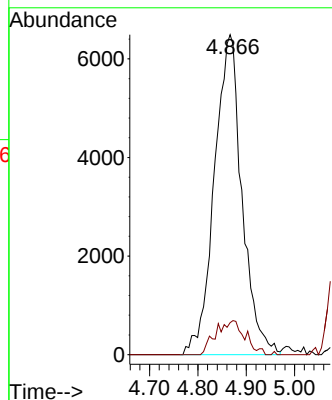
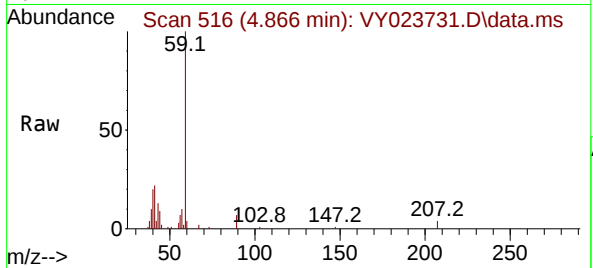




#11
Tert butyl alcohol
Concen: 74.411 ug/l
RT: 4.866 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

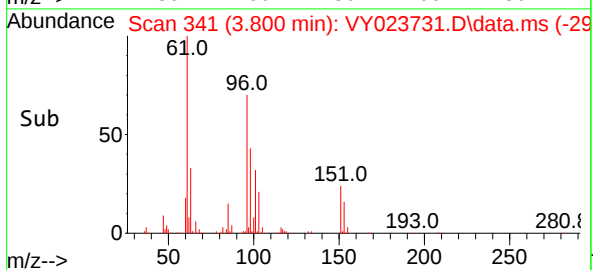
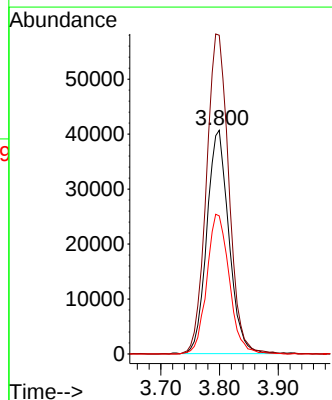
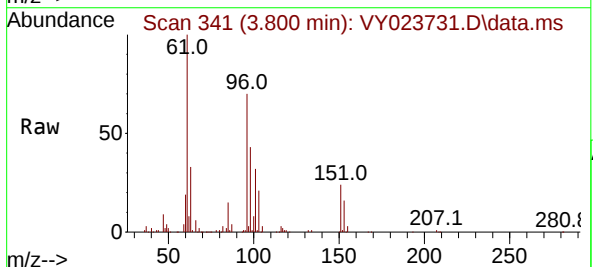
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

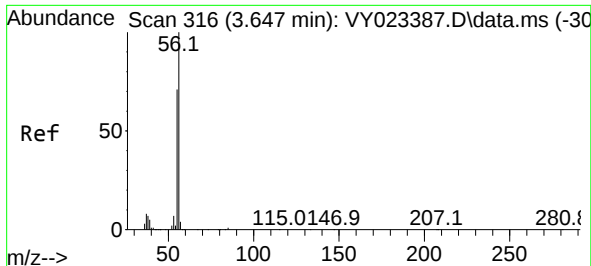
Tgt Ion: 59 Resp: 25722
Ion Ratio Lower Upper
59 100
57 11.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 21.343 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 96 Resp: 105791
Ion Ratio Lower Upper
96 100
61 142.8 106.7 160.1
98 61.7 50.2 75.4

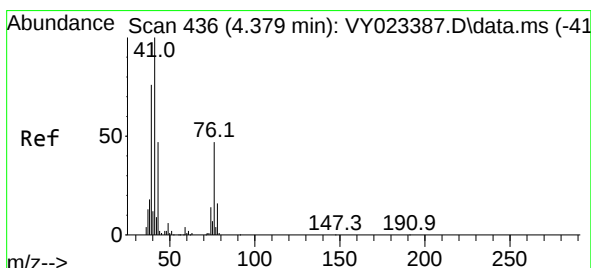
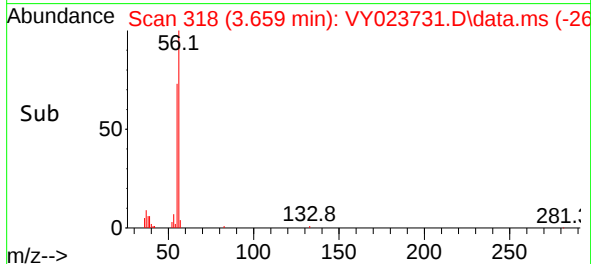
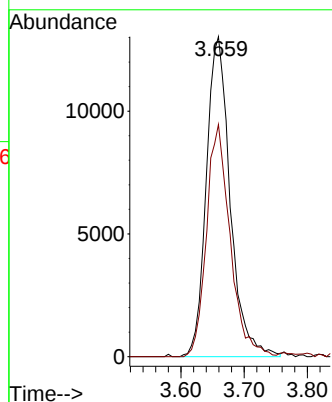
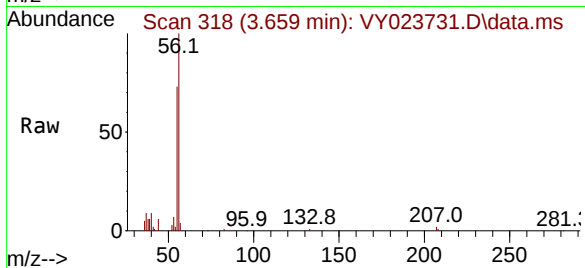




#13
Acrolein
Concen: 69.907 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

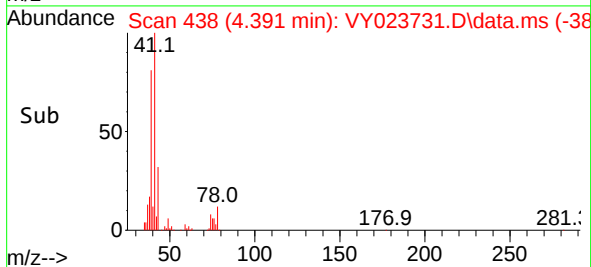
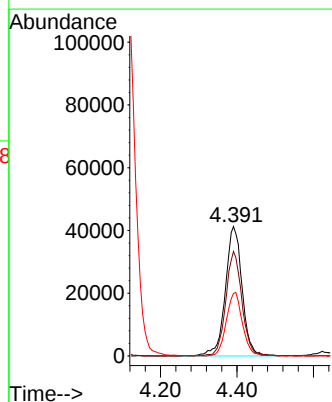
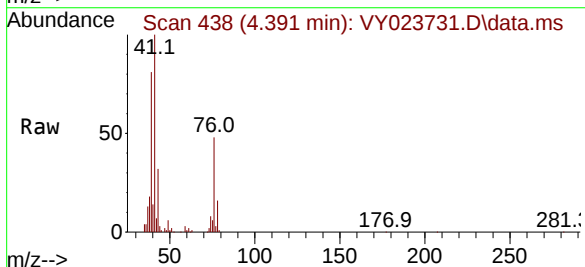
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

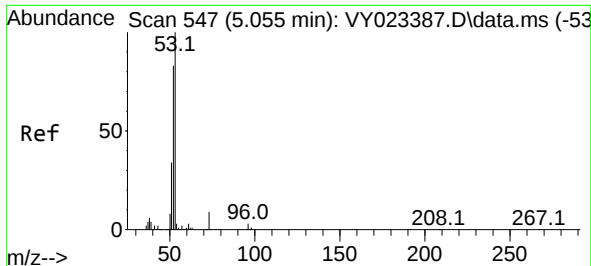
Tgt Ion: 56 Resp: 34146
Ion Ratio Lower Upper
56 100
55 71.9 56.1 84.1



#14
Allyl chloride
Concen: 20.782 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 41 Resp: 125542
Ion Ratio Lower Upper
41 100
39 77.9 59.9 89.9
76 47.0 38.0 57.0

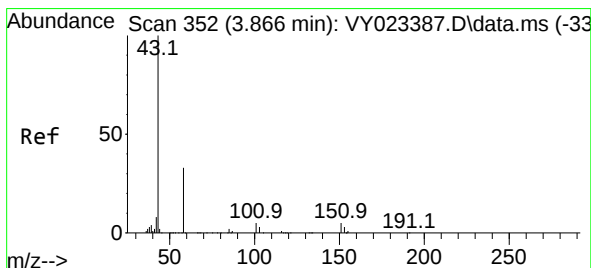
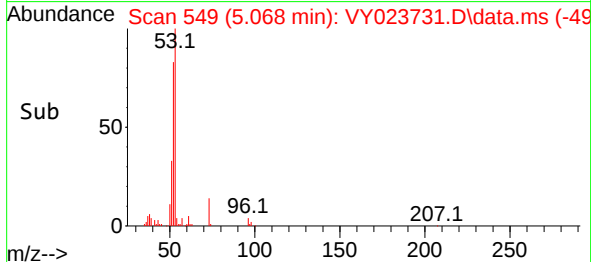
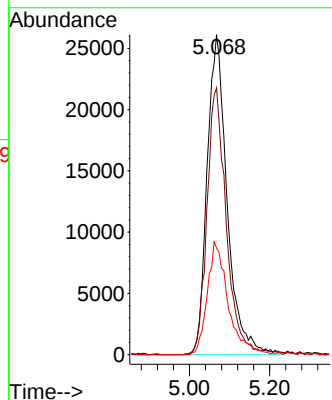
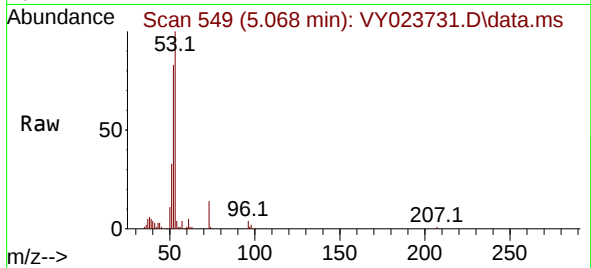




#15
Acrylonitrile
Concen: 91.860 ug/l
RT: 5.068 min Scan# 547
Delta R.T. 0.012 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

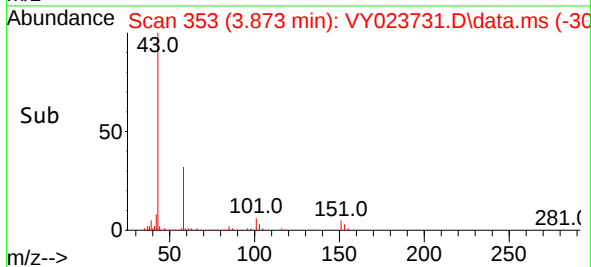
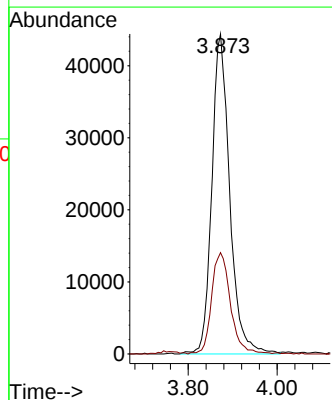
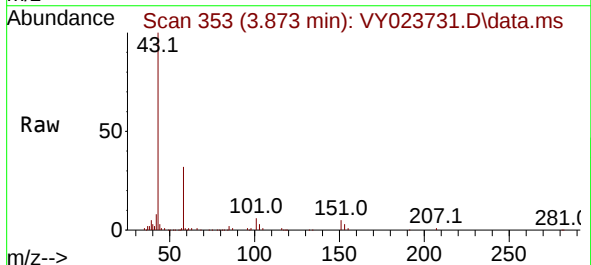
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

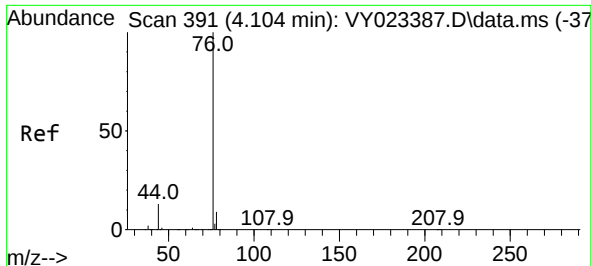
Tgt Ion: 53 Resp: 90515
Ion Ratio Lower Upper
53 100
52 80.5 64.6 97.0
51 36.6 29.5 44.3



#16
Acetone
Concen: 112.145 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 43 Resp: 124054
Ion Ratio Lower Upper
43 100
58 31.5 27.7 41.5

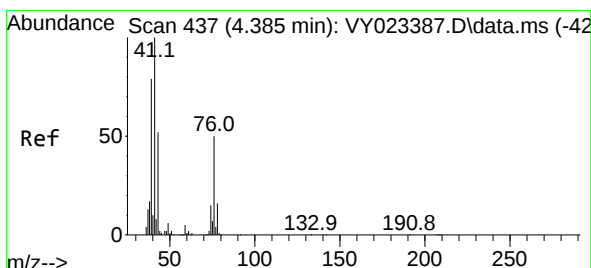
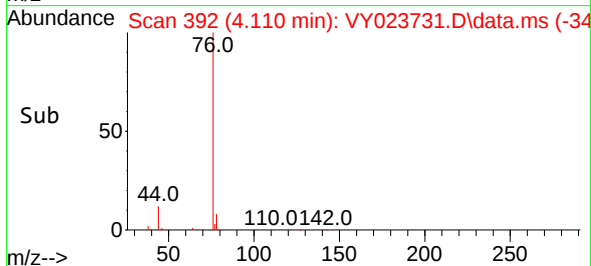
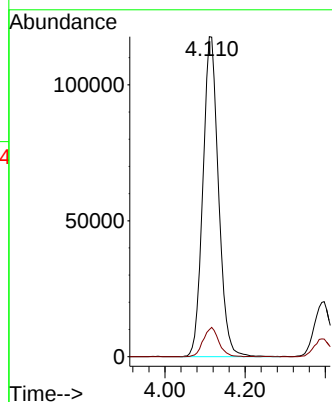
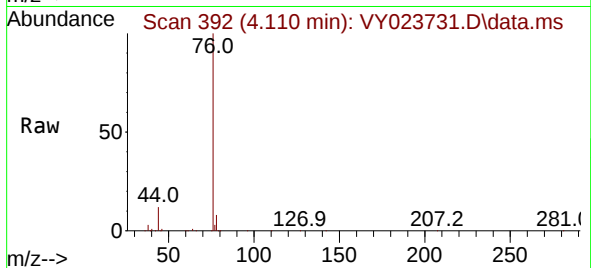




#17
Carbon Disulfide
Concen: 22.474 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

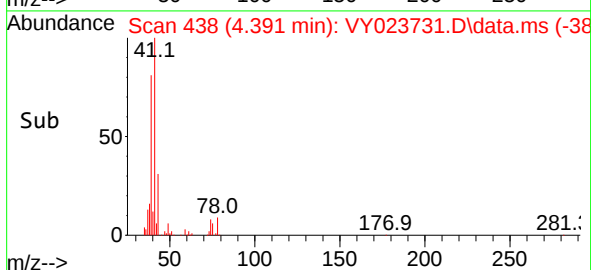
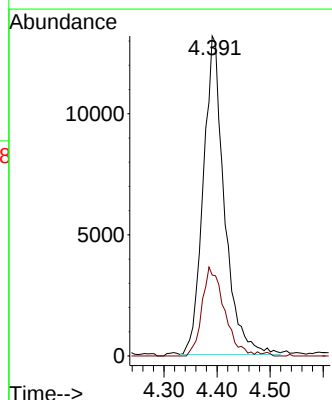
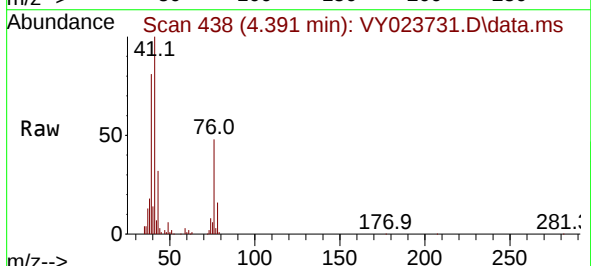
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

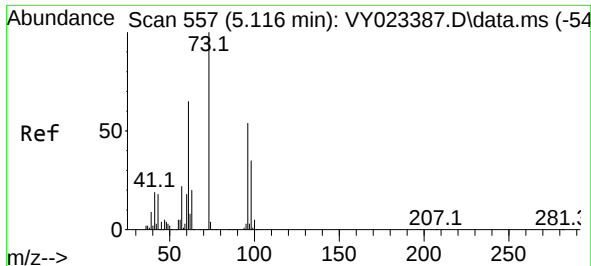
Tgt Ion: 76 Resp: 318821
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 12.529 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 43 Resp: 36356
Ion Ratio Lower Upper
43 100
74 29.4 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 18.951 ug/l

RT: 5.129 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

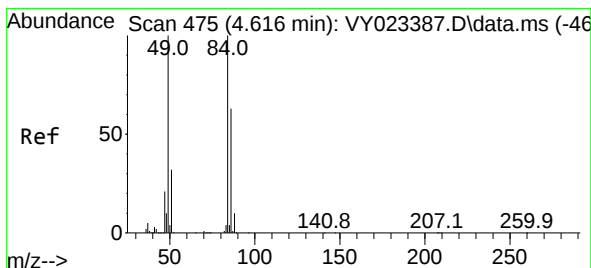
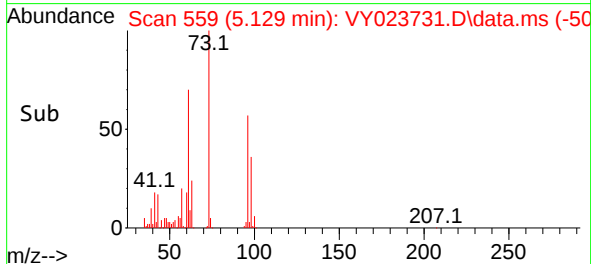
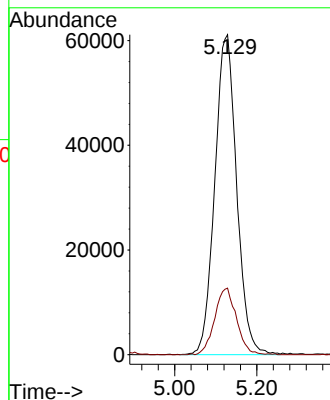
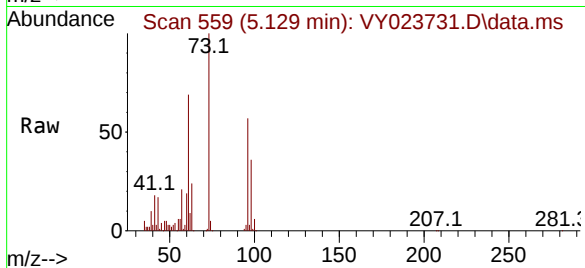
VY1111SBS01

Tgt Ion: 73 Resp: 225766

Ion Ratio Lower Upper

73 100

57 20.8 17.4 26.0



#20

Methylene Chloride

Concen: 18.574 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Tgt Ion: 84 Resp: 111106

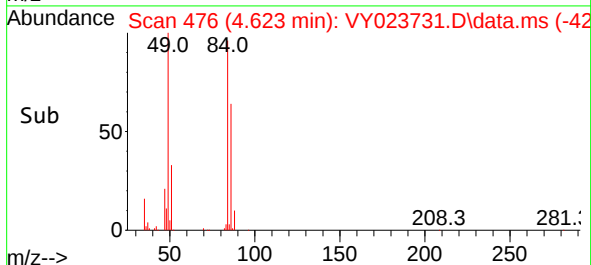
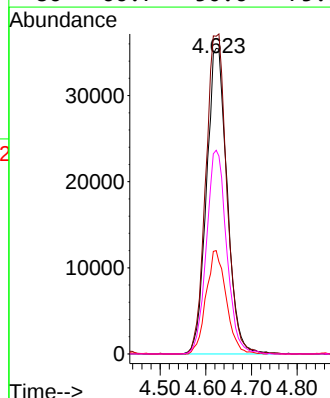
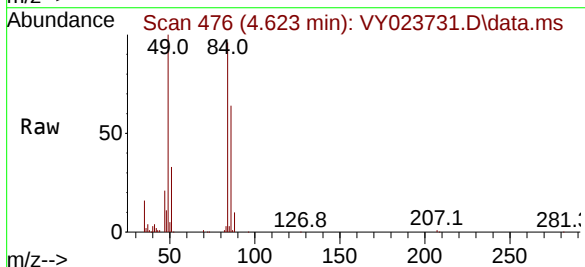
Ion Ratio Lower Upper

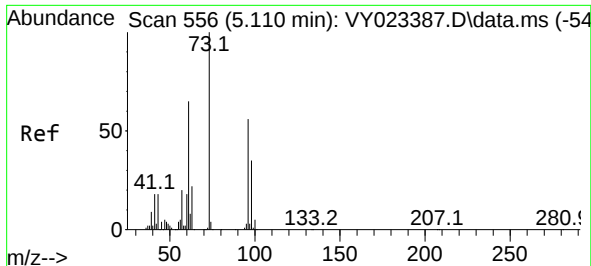
84 100

49 103.9 80.2 120.4

51 33.8 25.9 38.9

86 66.7 50.6 75.8

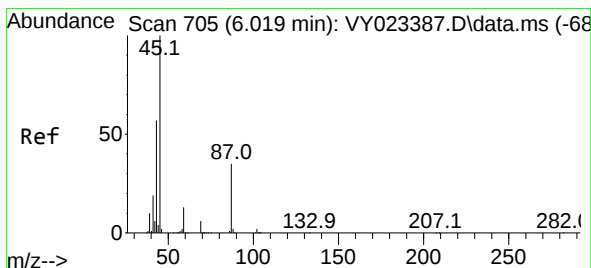
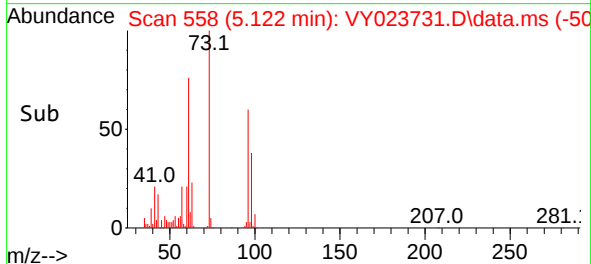
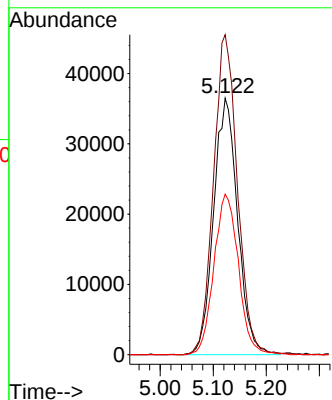
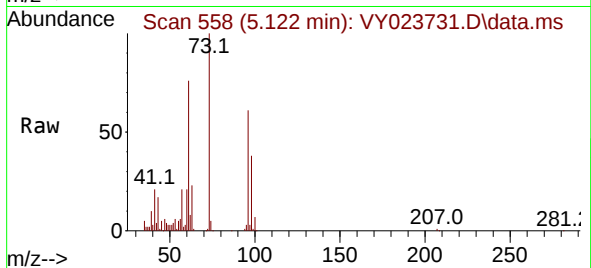




#21
trans-1,2-Dichloroethene
Concen: 21.043 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

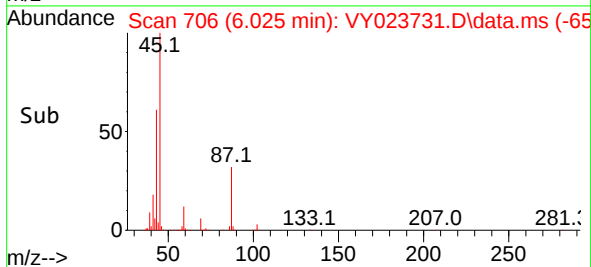
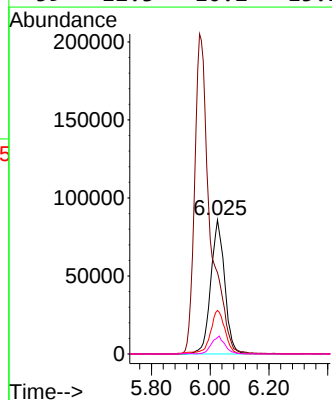
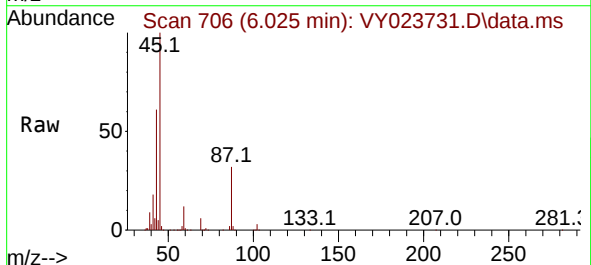
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

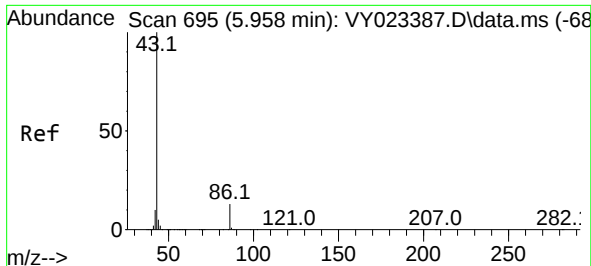
Tgt Ion: 96 Resp: 114835
Ion Ratio Lower Upper
96 100
61 124.8 92.7 139.1
98 62.6 49.7 74.5



#22
Diisopropyl ether
Concen: 21.141 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 45 Resp: 282482
Ion Ratio Lower Upper
45 100
43 60.5 45.6 68.4
87 32.5 28.1 42.1
59 12.3 10.2 15.2

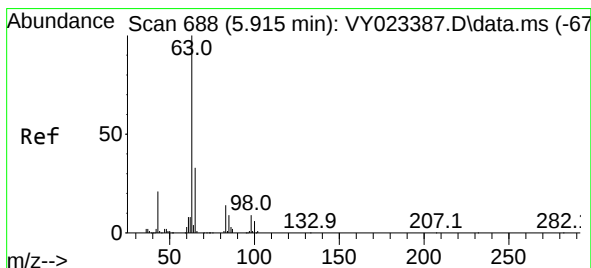
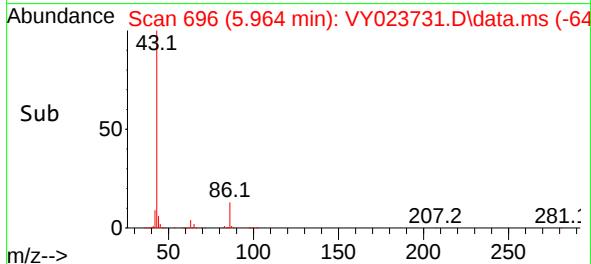
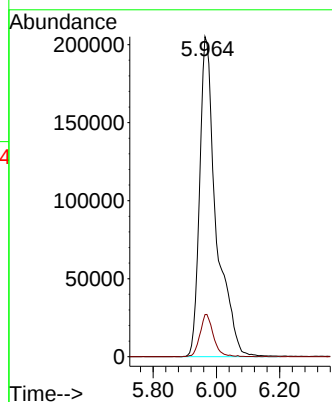
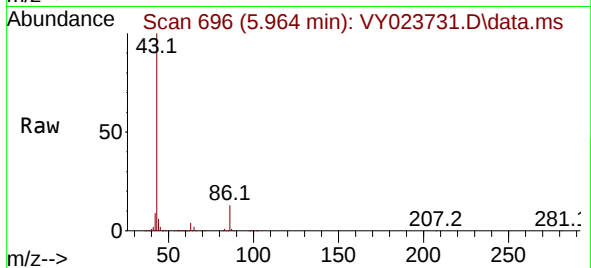




#23
Vinyl Acetate
Concen: 103.419 ug/l
RT: 5.964 min Scan# 696
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

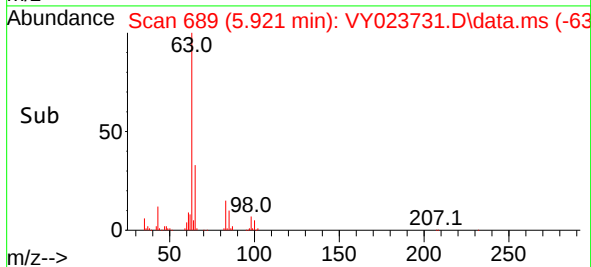
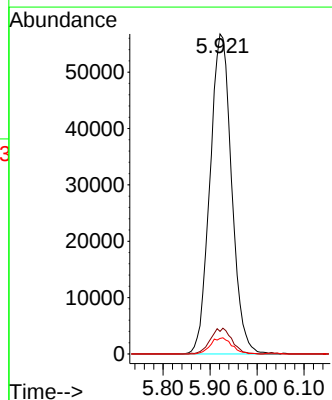
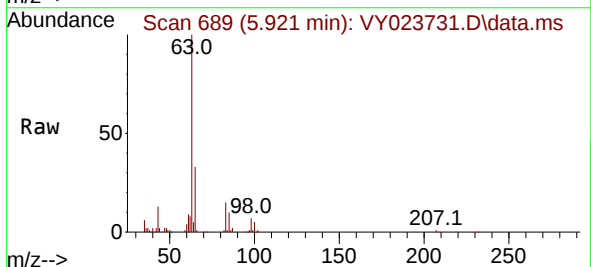
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

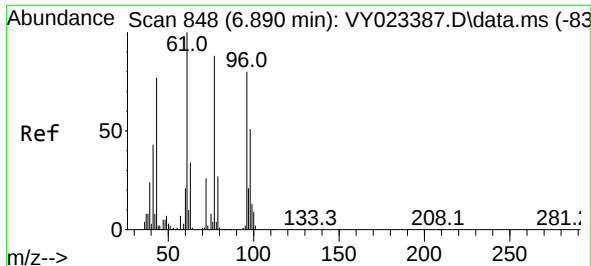
Tgt Ion: 43 Resp: 747984
Ion Ratio Lower Upper
43 100
86 13.1 10.6 15.8



#24
1,1-Dichloroethane
Concen: 20.530 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 63 Resp: 181709
Ion Ratio Lower Upper
63 100
98 7.0 4.3 13.1
100 4.9 2.8 8.4

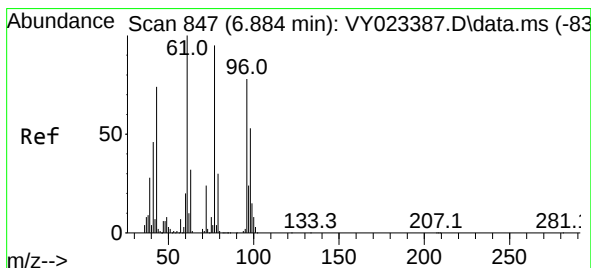
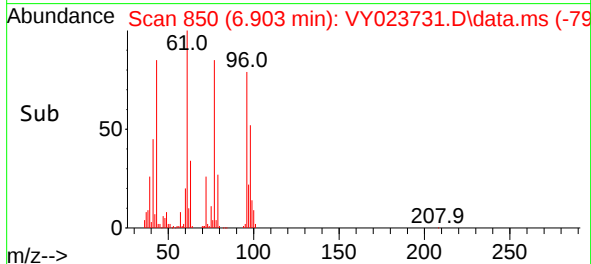
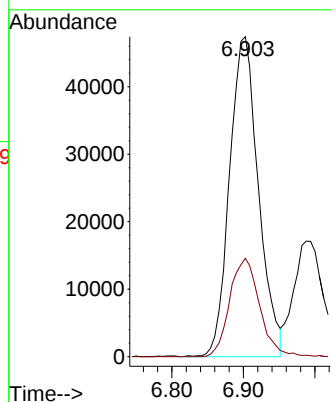
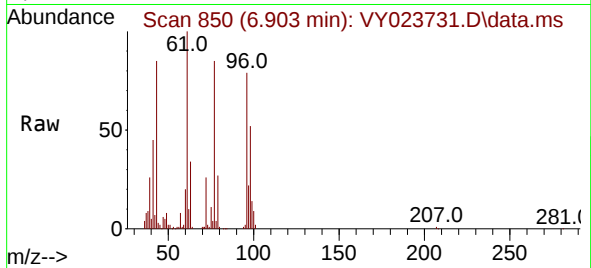




#25
2-Butanone
Concen: 98.563 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

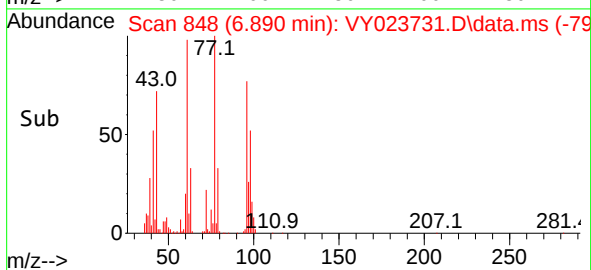
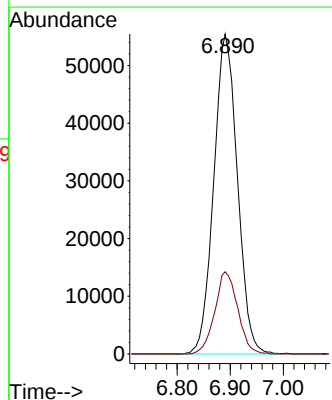
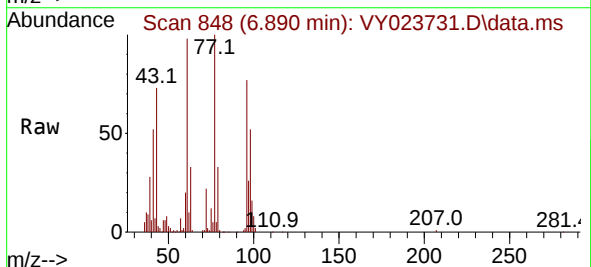
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

Tgt Ion: 43 Resp: 133108
Ion Ratio Lower Upper
43 100
72 30.8 27.4 41.2



#26
2,2-Dichloropropane
Concen: 21.113 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 77 Resp: 171475
Ion Ratio Lower Upper
77 100
97 24.9 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 20.545 ug/l

RT: 6.897 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

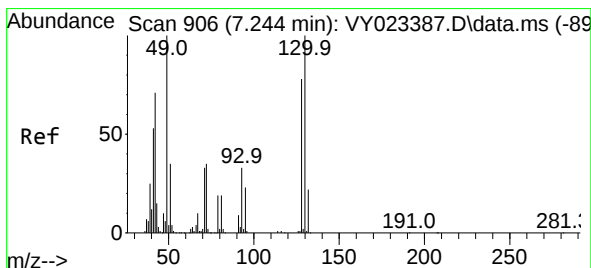
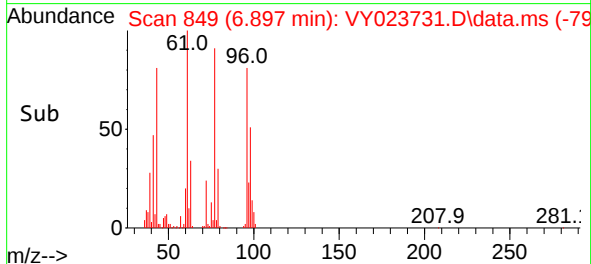
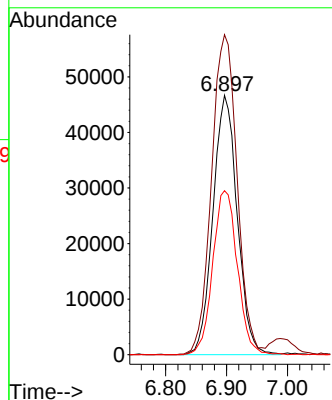
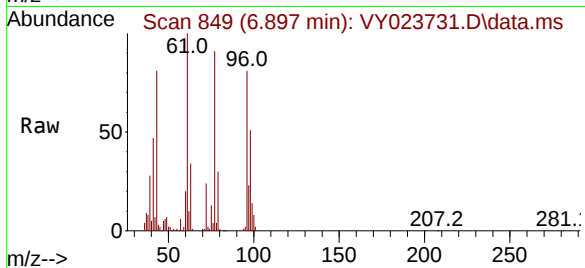
Tgt Ion: 96 Resp: 129506

Ion Ratio Lower Upper

96 100

61 130.1 0.0 258.2

98 64.1 0.0 132.0



#28

Bromochloromethane

Concen: 20.669 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

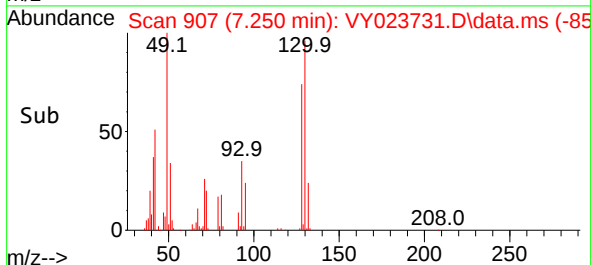
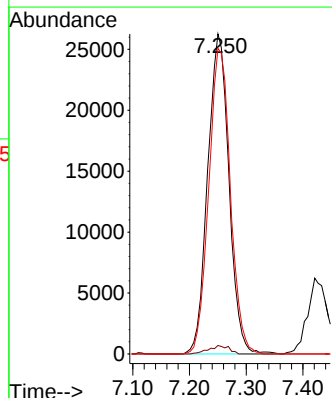
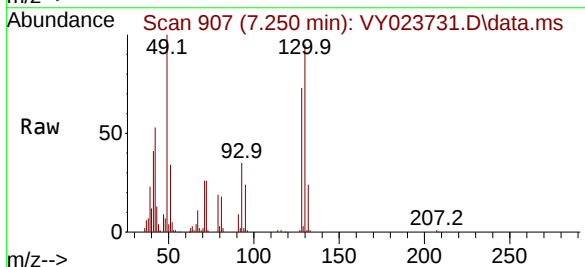
Tgt Ion: 49 Resp: 68296

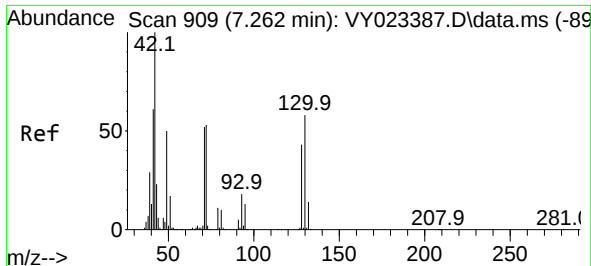
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.6

130 97.0 81.9 122.9

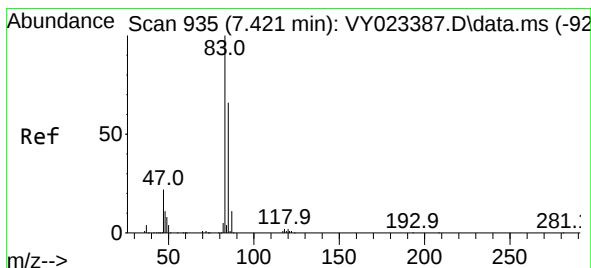
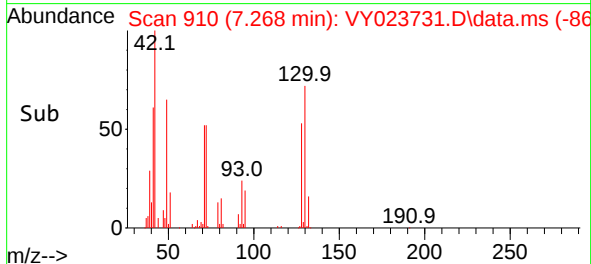
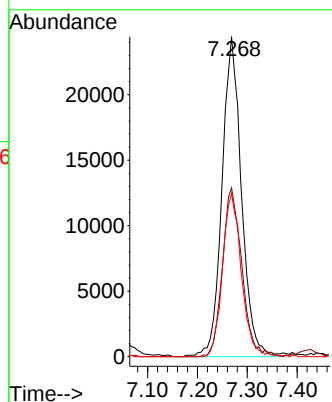
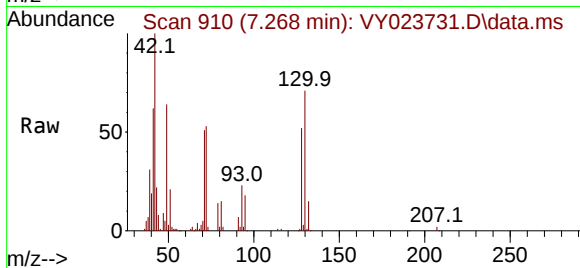




#29
Tetrahydrofuran
Concen: 86.532 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

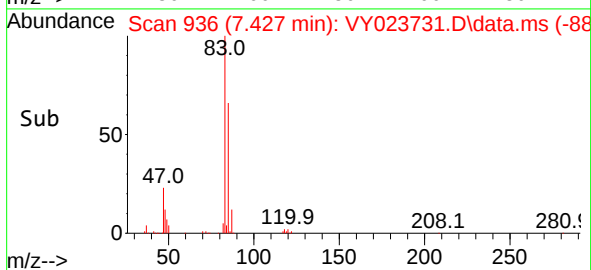
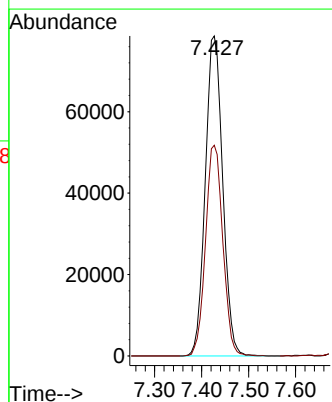
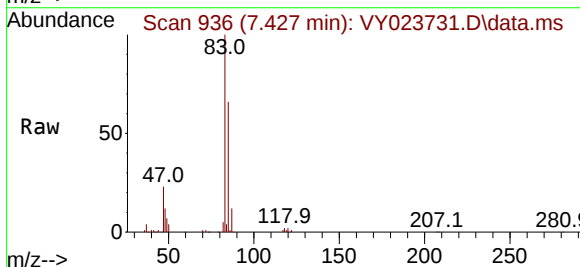
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

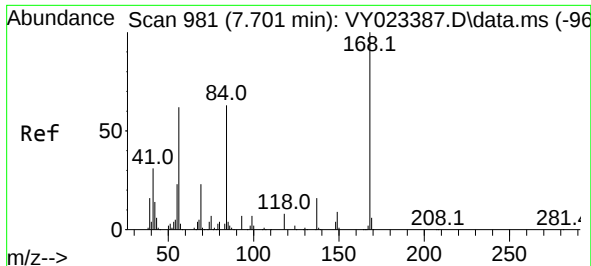
Tgt Ion: 42 Resp: 66268
Ion Ratio Lower Upper
42 100
72 52.5 43.0 64.6
71 49.4 40.1 60.1



#30
Chloroform
Concen: 20.750 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 83 Resp: 201785
Ion Ratio Lower Upper
83 100
85 65.9 52.5 78.7

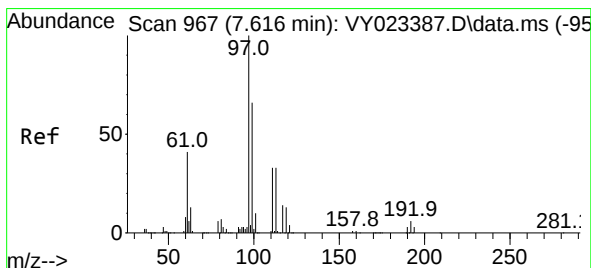
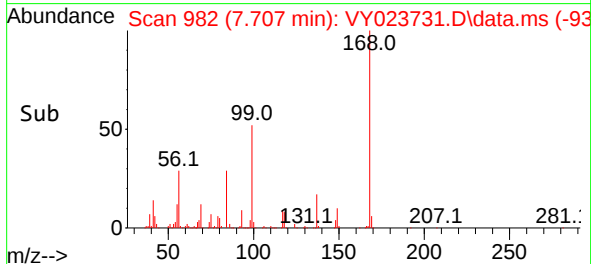
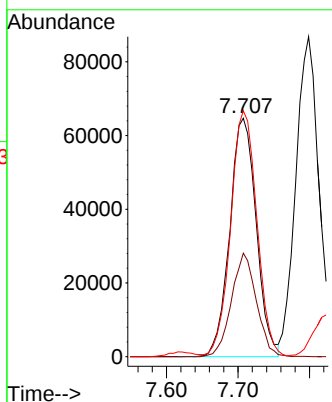
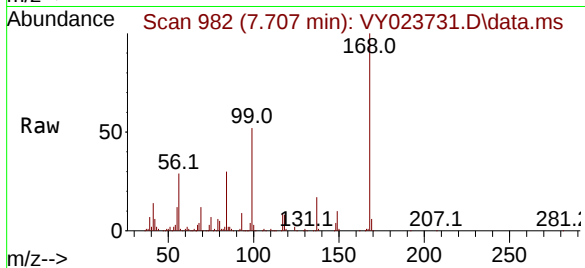




#31
Cyclohexane
Concen: 21.534 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

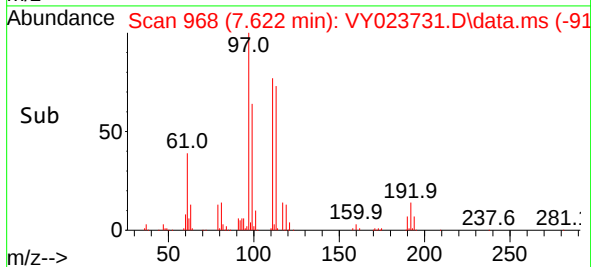
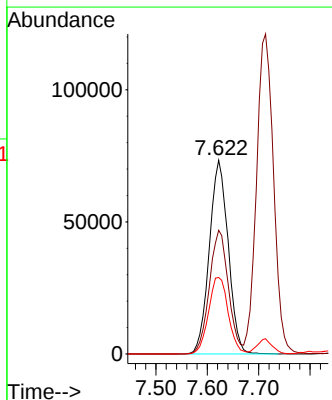
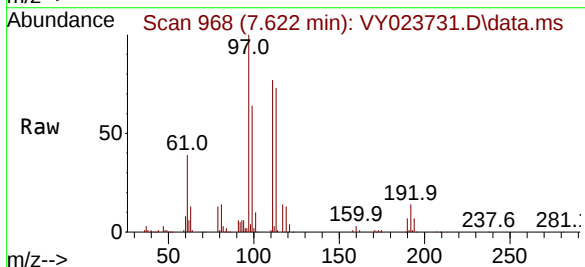
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

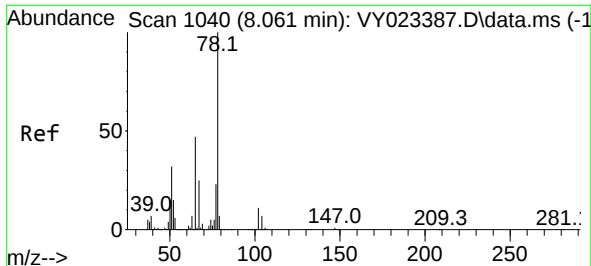
Tgt Ion: 56 Resp: 166451
Ion Ratio Lower Upper
56 100
69 43.4 30.0 45.0
84 101.1 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 21.144 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 97 Resp: 186861
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 41.2 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.286 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

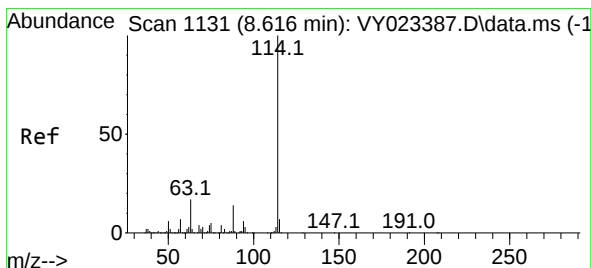
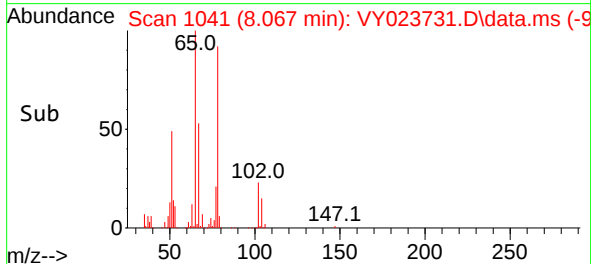
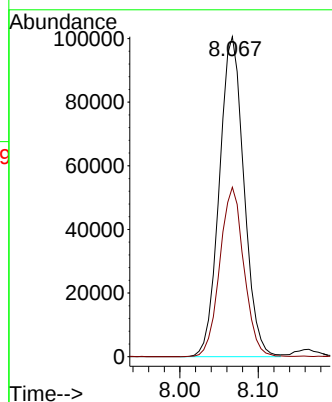
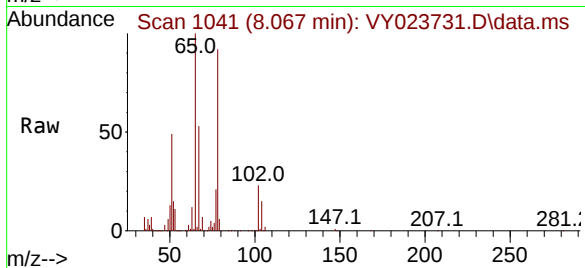
VY1111SBS01

Tgt Ion: 65 Resp: 219717

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

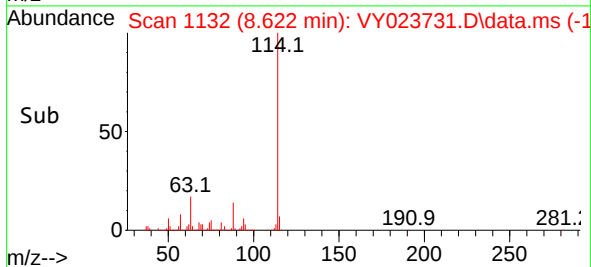
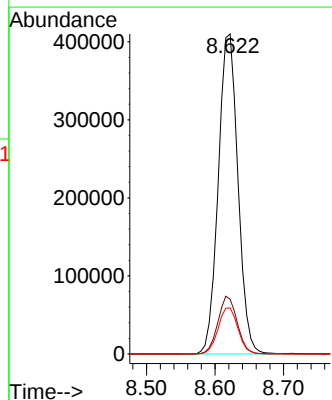
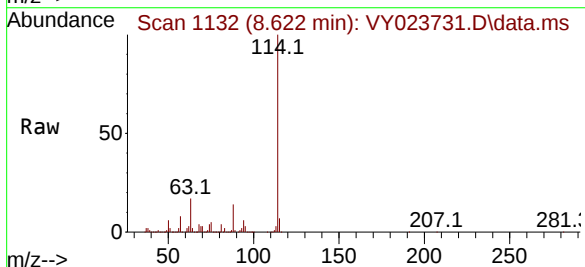
Tgt Ion: 114 Resp: 814993

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.2

88 14.4 0.0 28.4

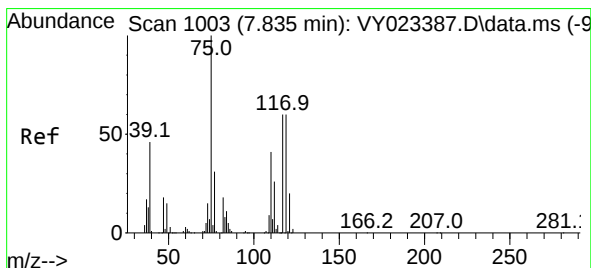
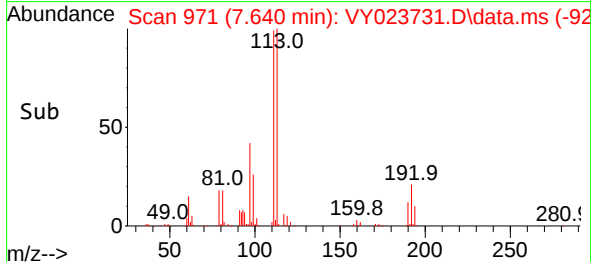
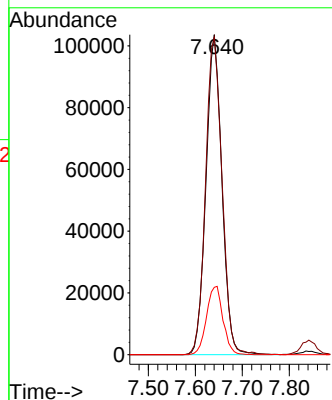
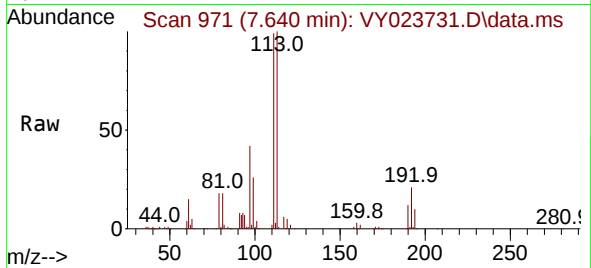




#35
Dibromofluoromethane
Concen: 48.693 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

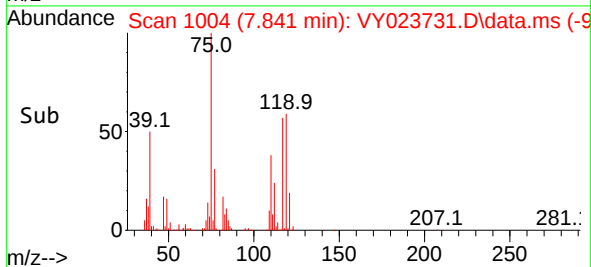
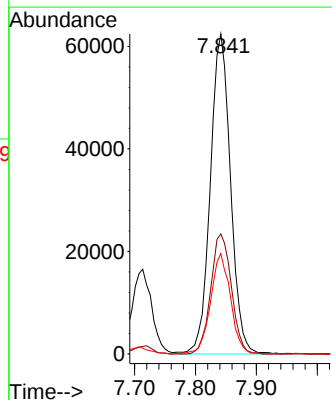
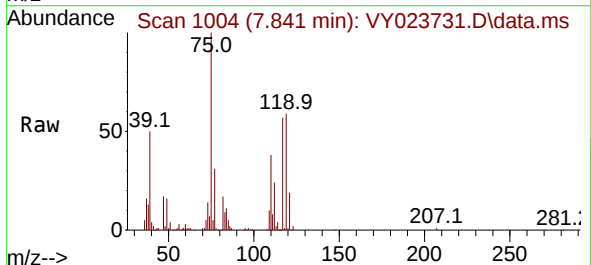
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

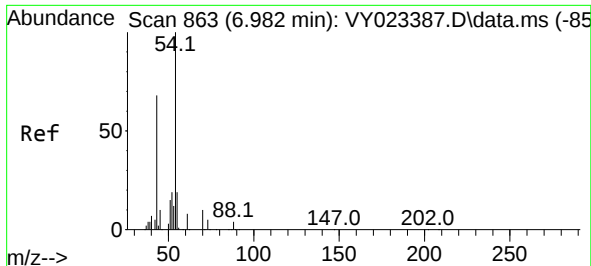
Tgt Ion:113 Resp: 243843
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 22.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 21.704 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 75 Resp: 143891
Ion Ratio Lower Upper
75 100
110 38.3 19.9 59.7
77 31.0 25.0 37.6





#37

Ethyl Acetate

Concen: 19.228 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

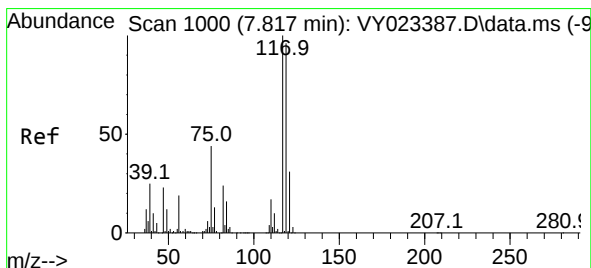
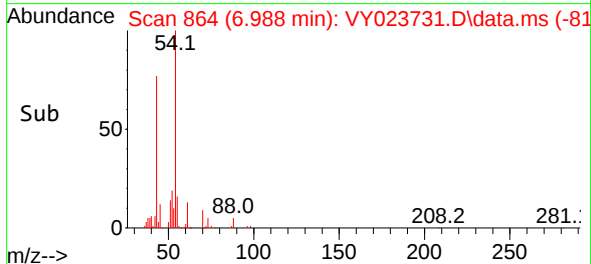
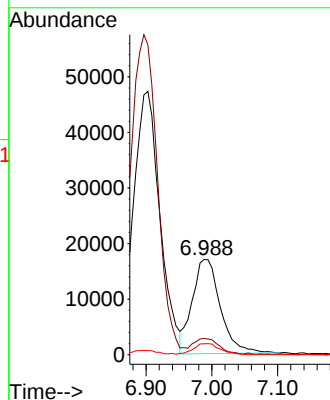
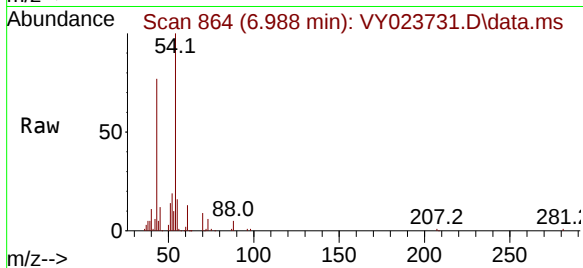
Tgt Ion: 43 Resp: 50503

Ion Ratio Lower Upper

43 100

61 14.9 11.8 17.8

70 11.1 10.5 15.7



#38

Carbon Tetrachloride

Concen: 20.902 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

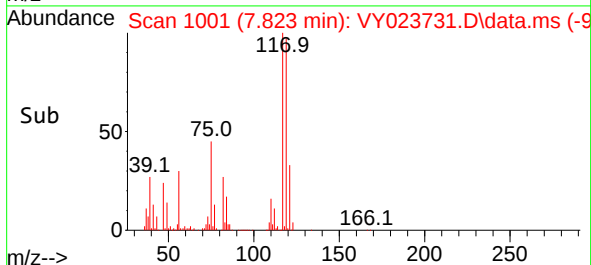
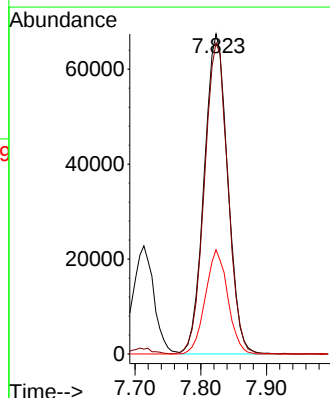
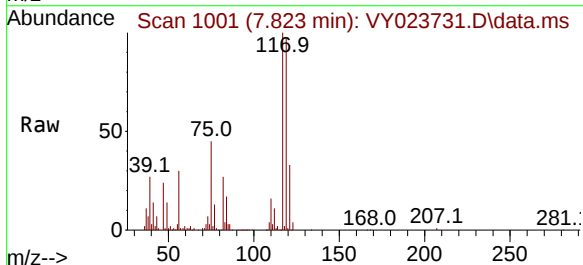
Tgt Ion: 117 Resp: 168031

Ion Ratio Lower Upper

117 100

119 97.3 76.8 115.2

121 32.5 24.5 36.7





#39

Methylcyclohexane

Concen: 21.120 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

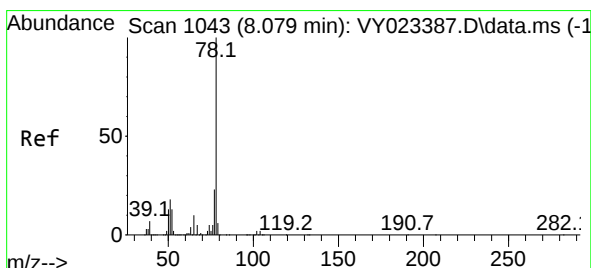
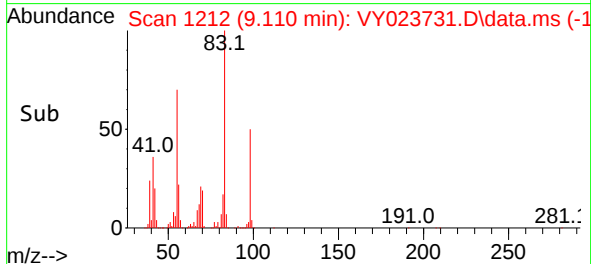
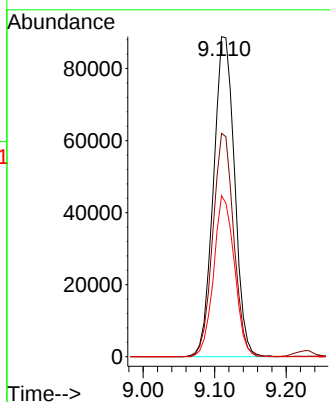
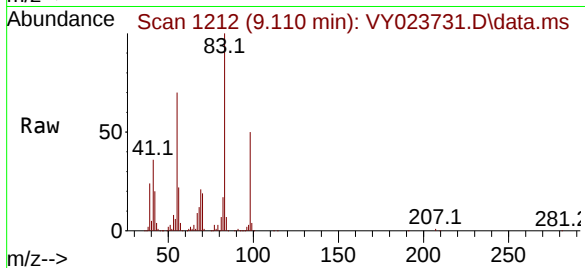
Tgt Ion: 83 Resp: 182305

Ion Ratio Lower Upper

83 100

55 69.8 51.4 77.2

98 50.3 40.4 60.6



#40

Benzene

Concen: 20.922 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY023731.D

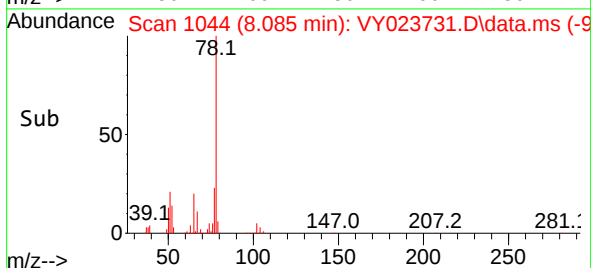
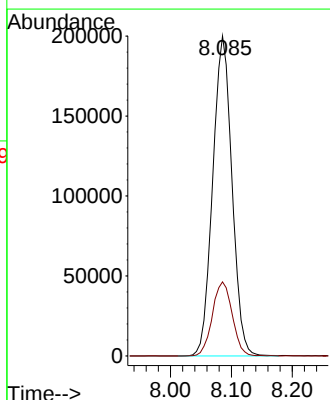
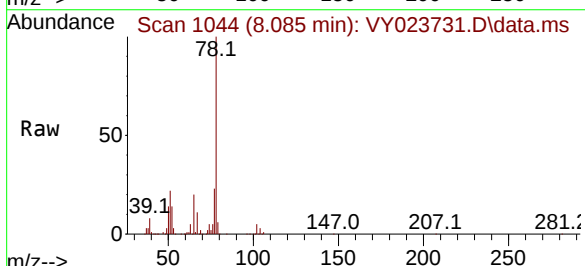
Acq: 11 Nov 2025 11:30

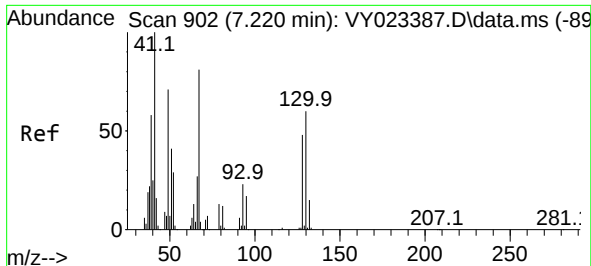
Tgt Ion: 78 Resp: 439281

Ion Ratio Lower Upper

78 100

77 23.2 18.3 27.5

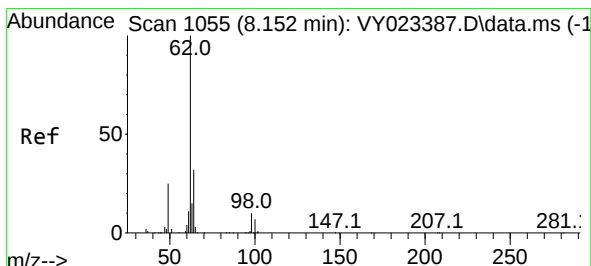
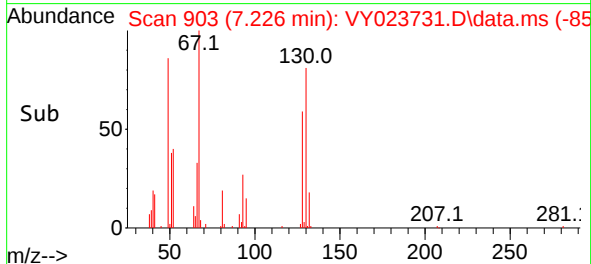
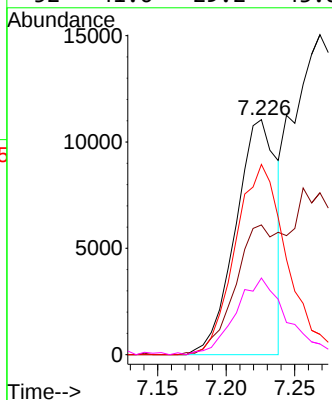
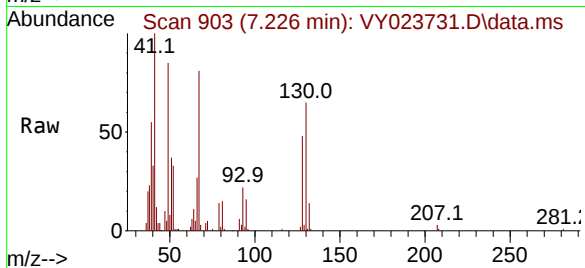




#41
Methacrylonitrile
Concen: 16.314 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

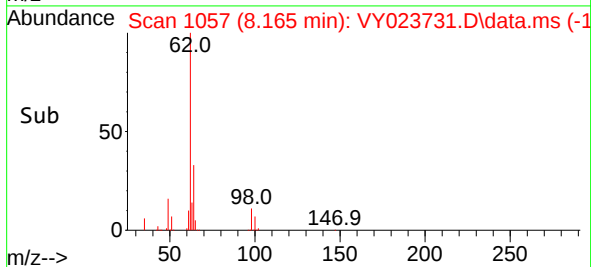
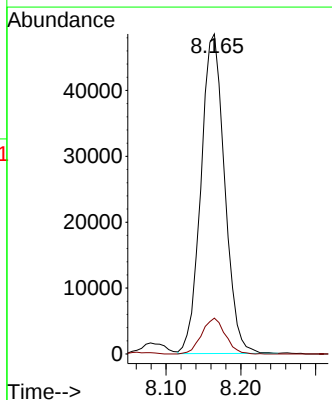
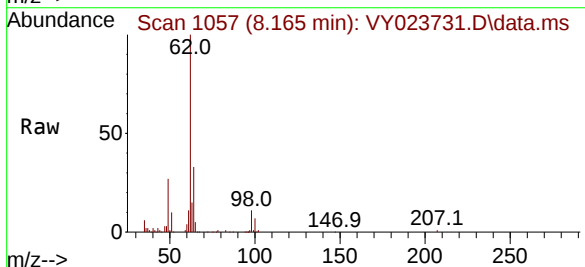
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

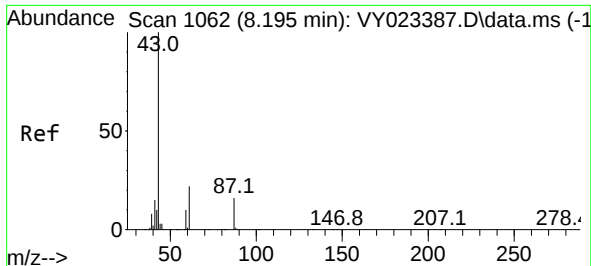
Tgt Ion:	41	Resp:	23175
Ion	Ratio	Lower	Upper
41	100		
39	66.1	52.2	78.4
67	102.3	74.9	112.3
52	41.6	29.2	43.8



#42
1,2-Dichloroethane
Concen: 19.698 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion:	62	Resp:	106659
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.6

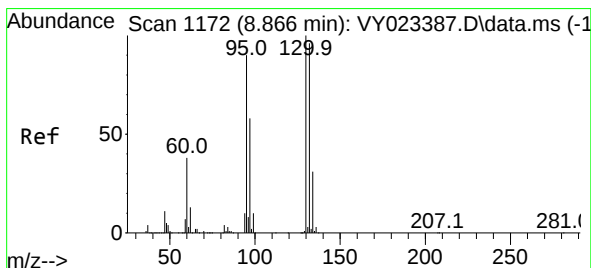
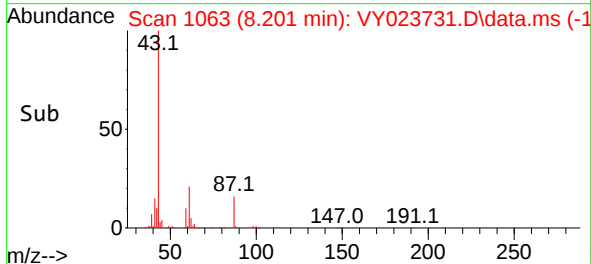
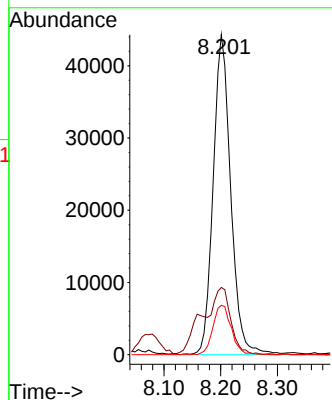
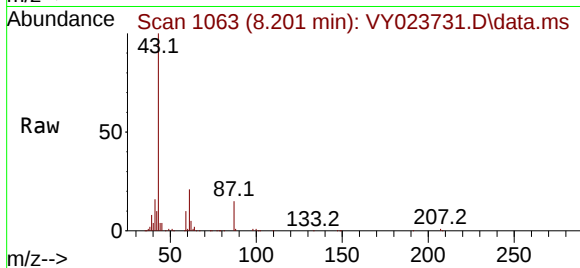




#43
Isopropyl Acetate
Concen: 18.186 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

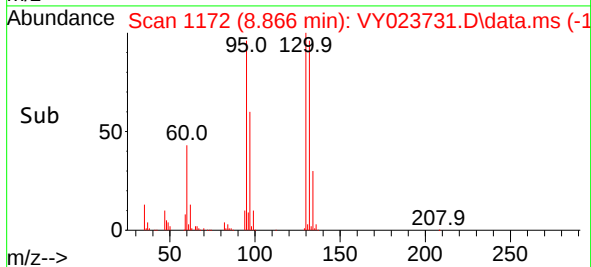
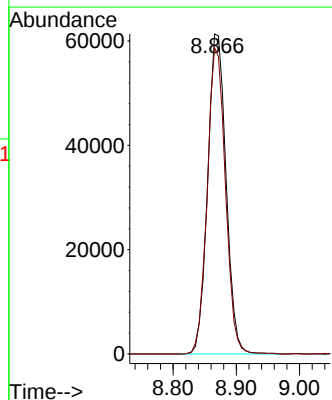
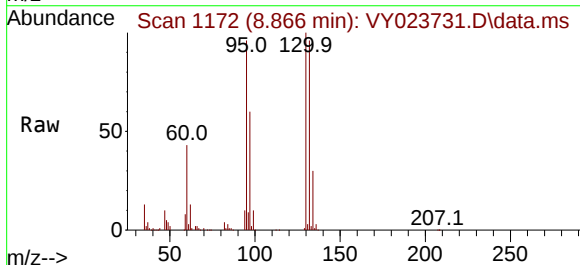
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

Tgt Ion: 43 Resp: 95244
Ion Ratio Lower Upper
43 100
61 21.5 18.1 27.1
87 16.2 13.5 20.3



#44
Trichloroethene
Concen: 20.188 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion:130 Resp: 124062
Ion Ratio Lower Upper
130 100
95 95.6 0.0 180.6





#45

1,2-Dichloropropane

Concen: 20.922 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

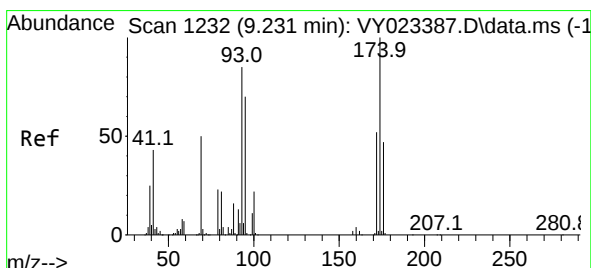
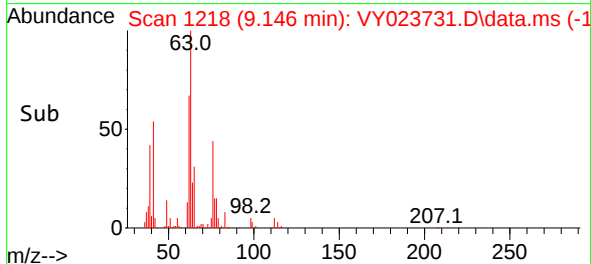
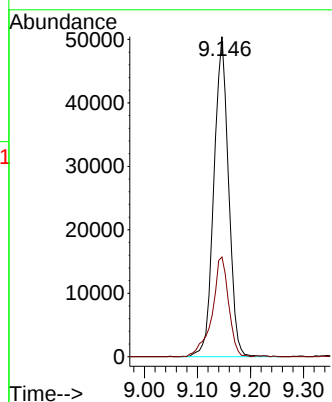
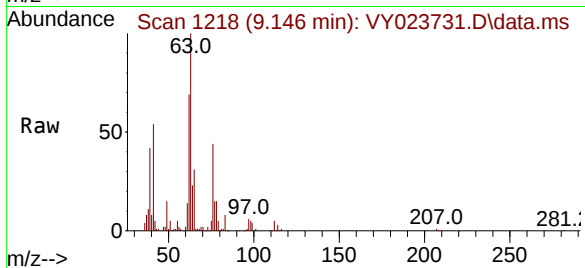
VY1111SBS01

Tgt Ion: 63 Resp: 97027

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



#46

Dibromomethane

Concen: 19.484 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

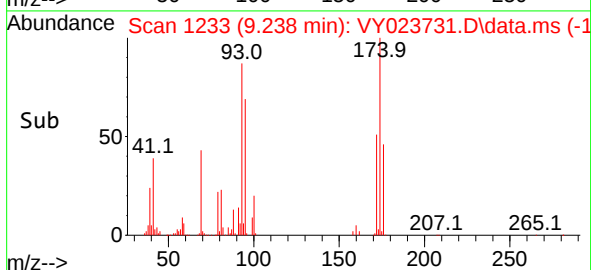
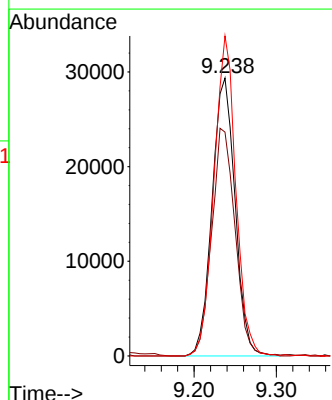
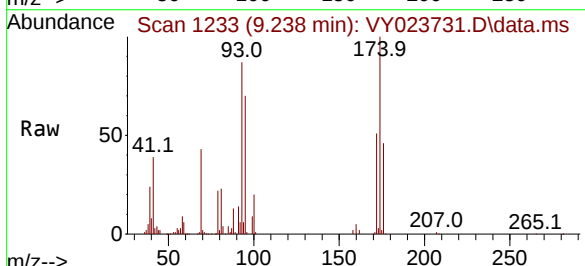
Tgt Ion: 93 Resp: 57134

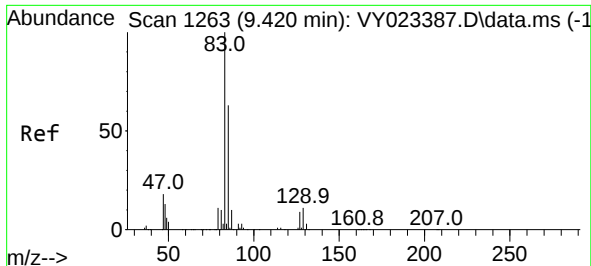
Ion Ratio Lower Upper

93 100

95 83.2 65.4 98.0

174 109.2 92.9 139.3

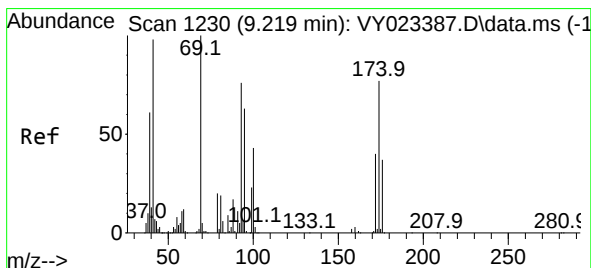
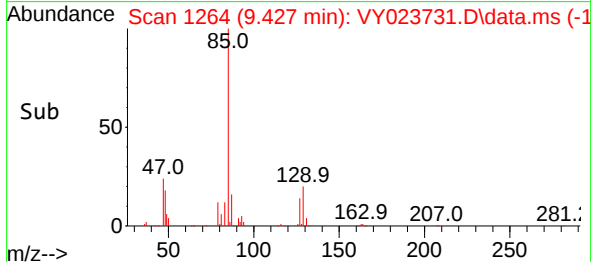
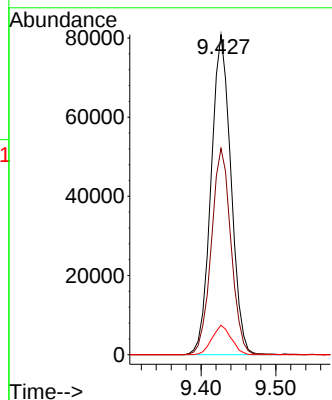
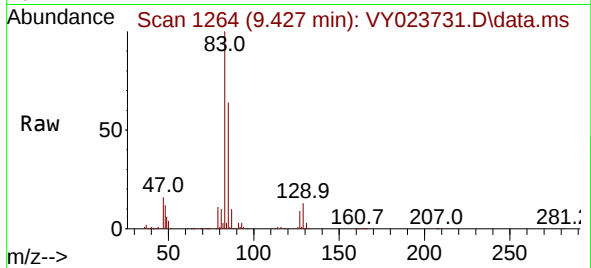




#47
 Bromodichloromethane
 Concen: 20.246 ug/l
 RT: 9.427 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY023731.D
 Acq: 11 Nov 2025 11:30

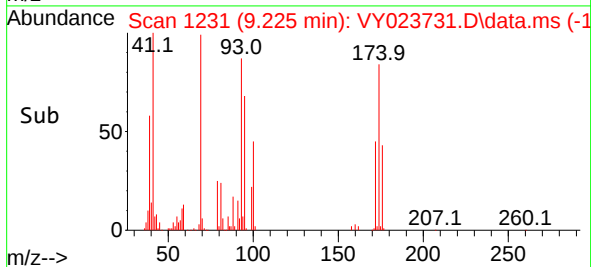
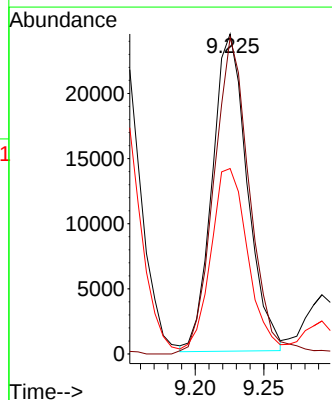
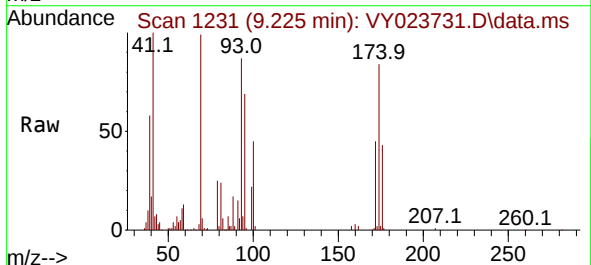
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBS01

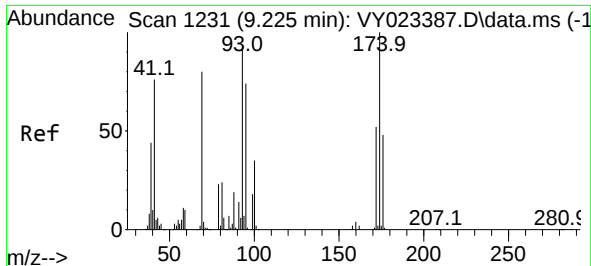
Tgt Ion: 83 Resp: 149524
 Ion Ratio Lower Upper
 83 100
 85 64.5 50.8 76.2
 127 9.2 7.4 11.2



#48
 Methyl methacrylate
 Concen: 17.647 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. 0.006 min
 Lab File: VY023731.D
 Acq: 11 Nov 2025 11:30

Tgt Ion: 41 Resp: 43419
 Ion Ratio Lower Upper
 41 100
 69 102.6 81.0 121.4
 39 58.8 48.2 72.4





#49

1,4-Dioxane

Concen: 306.860 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

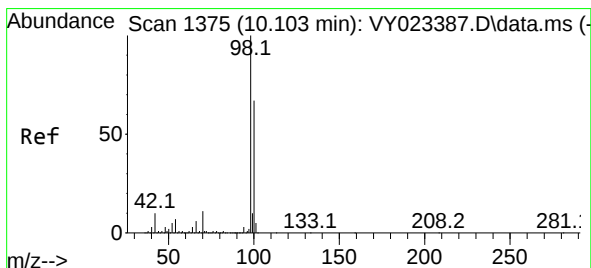
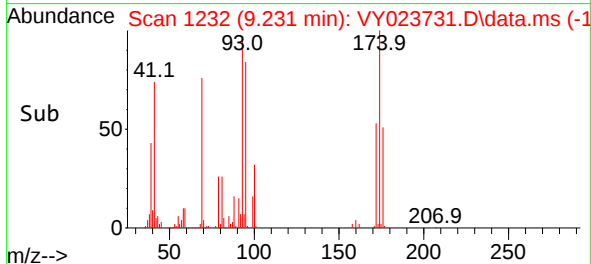
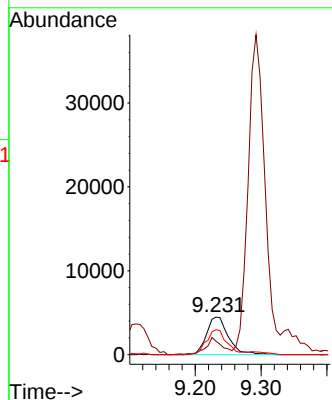
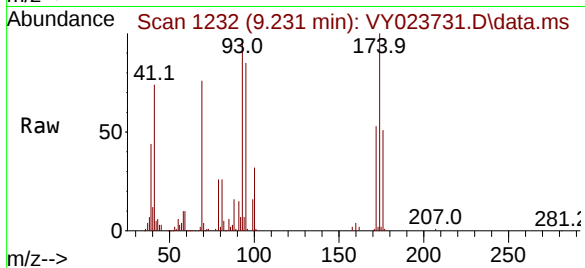
Tgt Ion: 88 Resp: 10433

Ion Ratio Lower Upper

88 100

43 33.9 21.8 32.8#

58 62.8 46.8 70.2



#50

Toluene-d8

Concen: 51.231 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023731.D

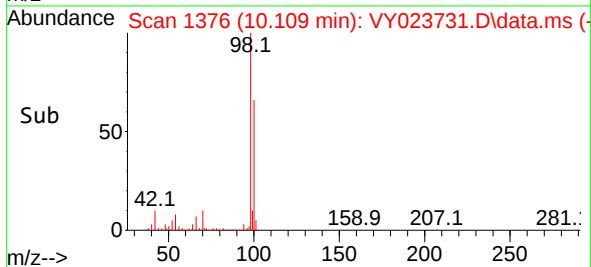
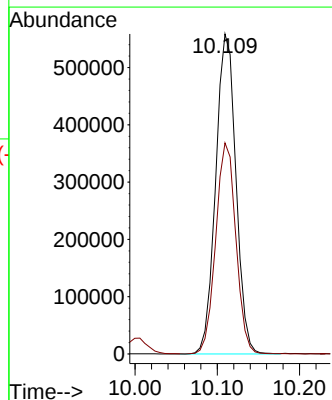
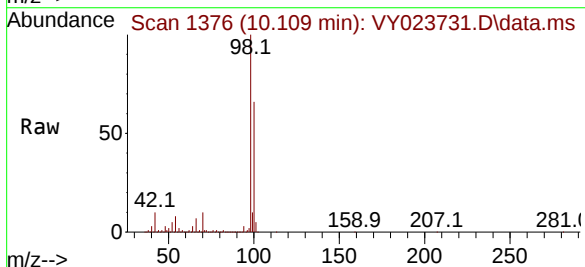
Acq: 11 Nov 2025 11:30

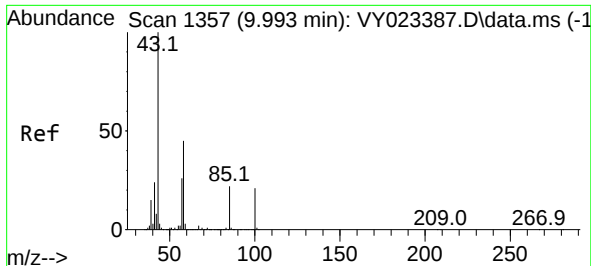
Tgt Ion: 98 Resp: 955427

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 90.242 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

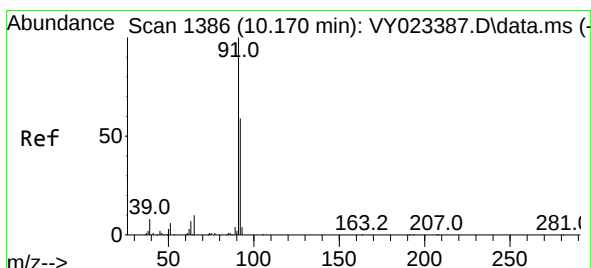
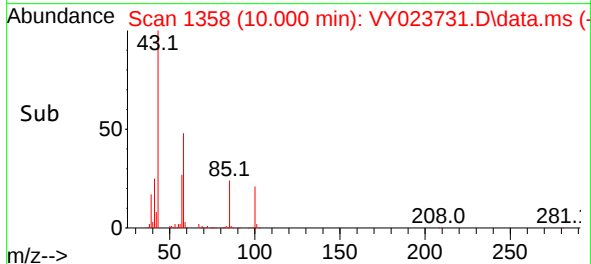
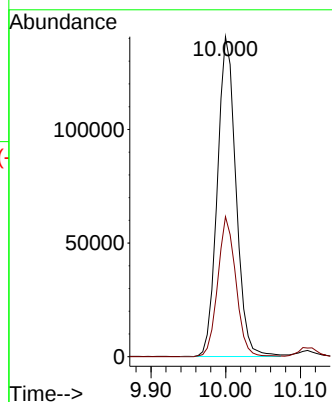
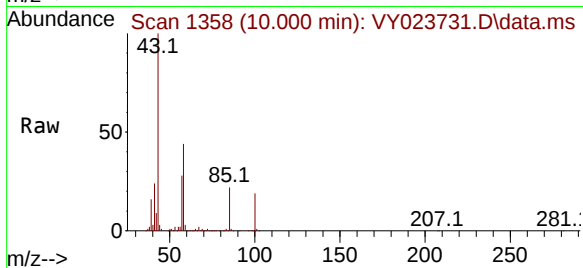
VY1111SBS01

Tgt Ion: 43 Resp: 244191

Ion Ratio Lower Upper

43 100

58 42.6 35.3 52.9



#52

Toluene

Concen: 22.099 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY023731.D

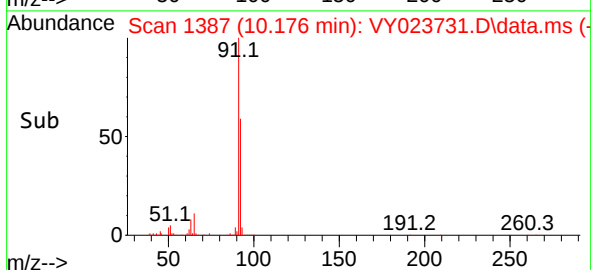
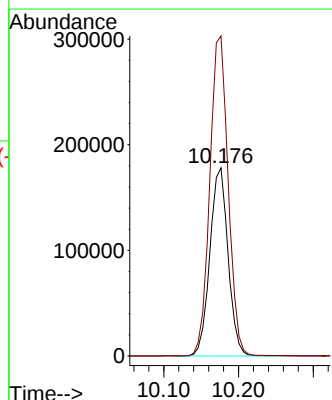
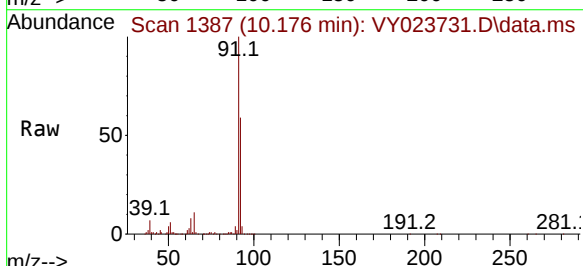
Acq: 11 Nov 2025 11:30

Tgt Ion: 92 Resp: 301256

Ion Ratio Lower Upper

92 100

91 172.4 136.4 204.6

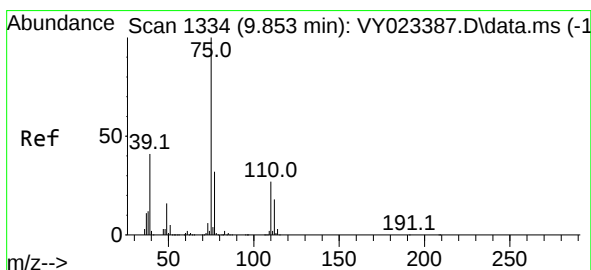
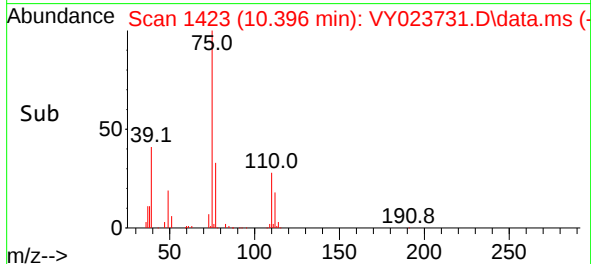
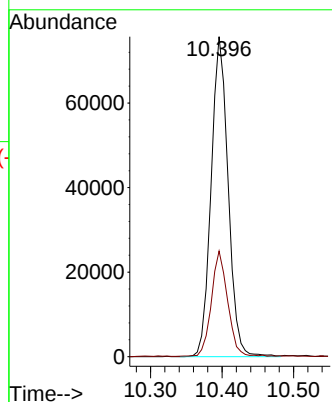
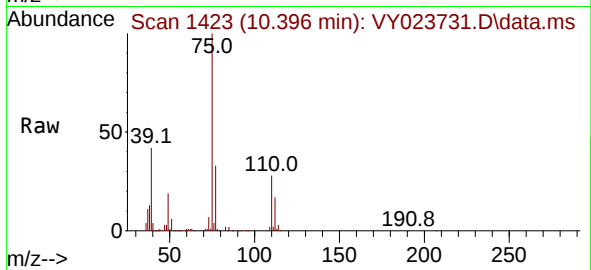




#53
t-1,3-Dichloropropene
Concen: 19.465 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

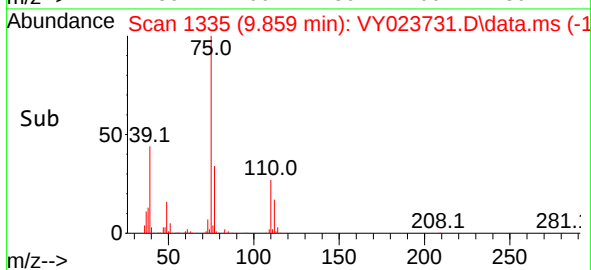
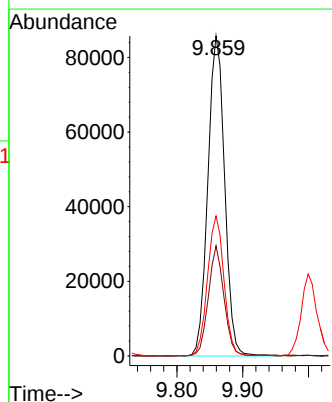
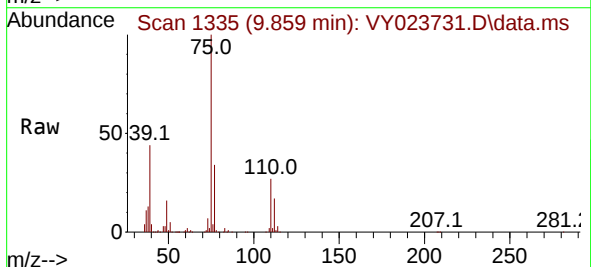
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

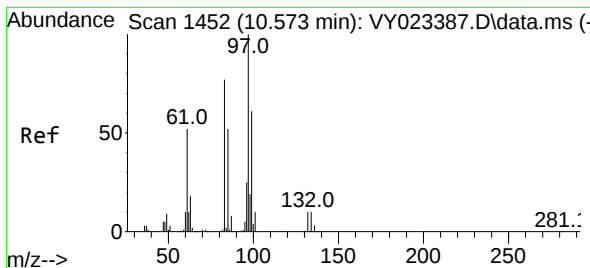
Tgt Ion: 75 Resp: 124996
Ion Ratio Lower Upper
75 100
77 32.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.089 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 75 Resp: 152255
Ion Ratio Lower Upper
75 100
77 34.4 25.4 38.0
39 43.6 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 19.325 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

Tgt Ion: 97 Resp: 76206

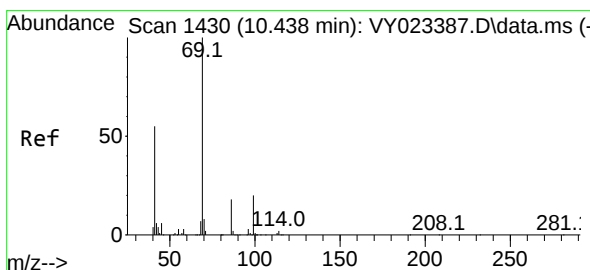
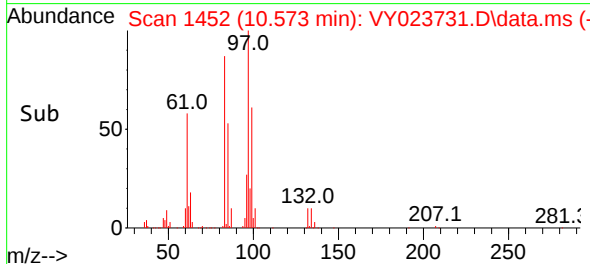
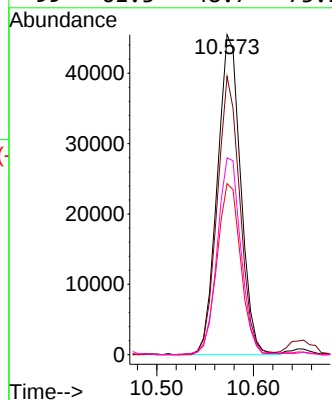
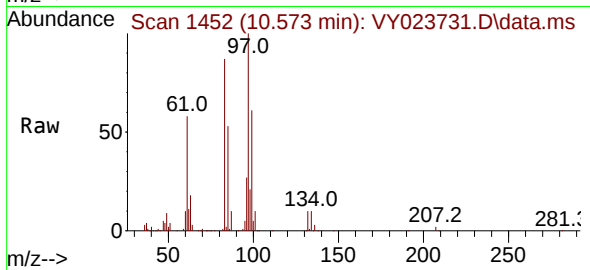
Ion Ratio Lower Upper

97 100

83 86.9 61.8 92.6

85 53.5 41.3 61.9

99 61.3 48.7 73.1



#56

Ethyl methacrylate

Concen: 18.082 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

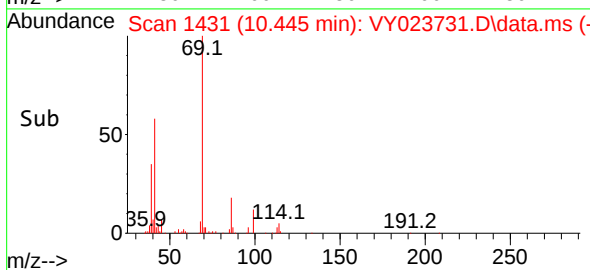
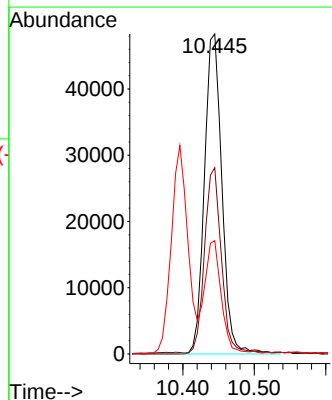
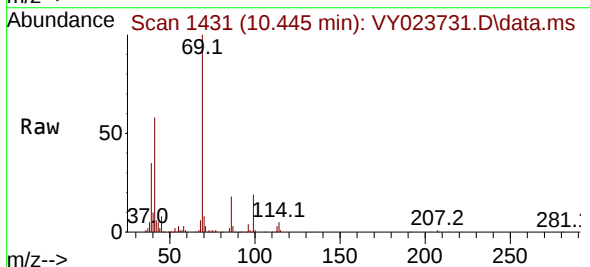
Tgt Ion: 69 Resp: 82248

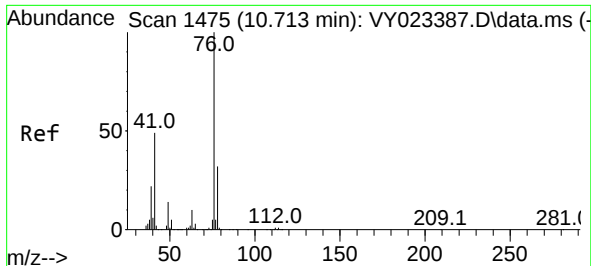
Ion Ratio Lower Upper

69 100

41 55.4 44.6 67.0

39 33.5 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.417 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

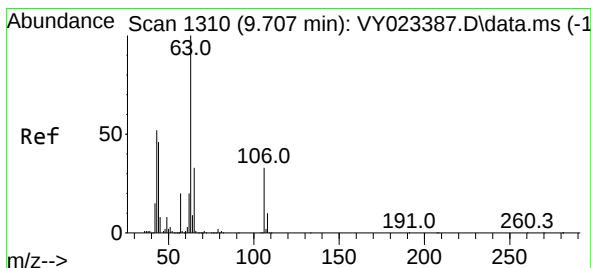
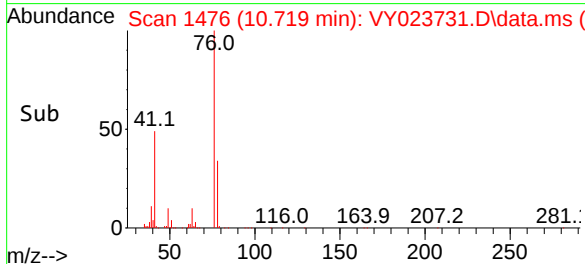
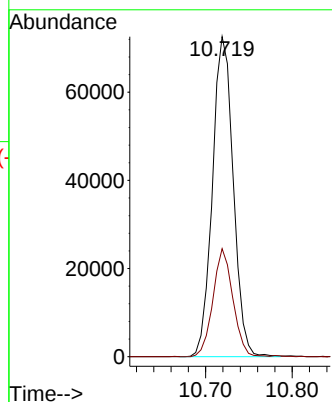
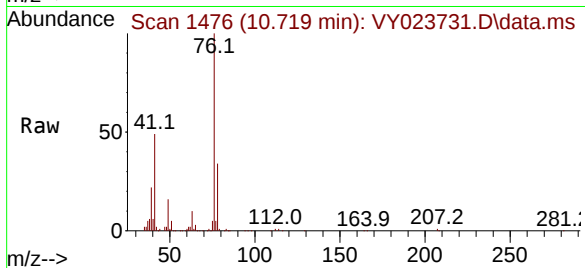
VY1111SBS01

Tgt Ion: 76 Resp: 121331

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 88.391 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023731.D

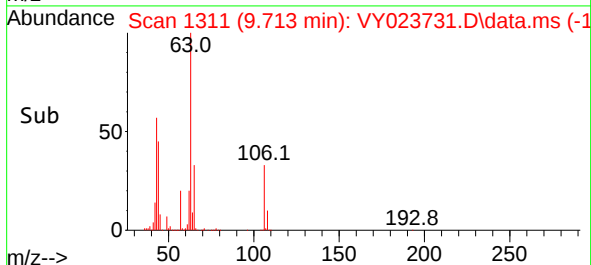
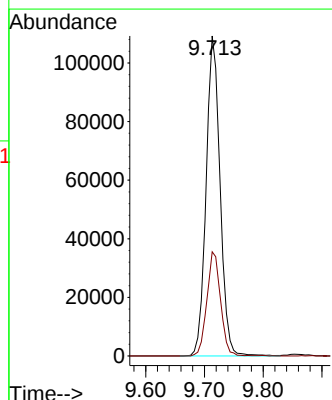
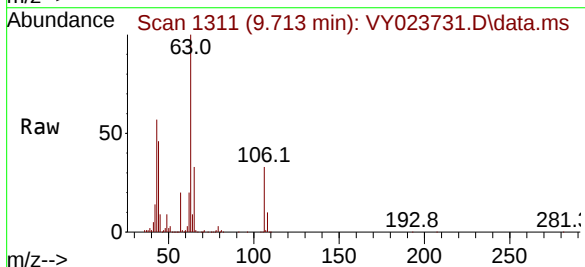
Acq: 11 Nov 2025 11:30

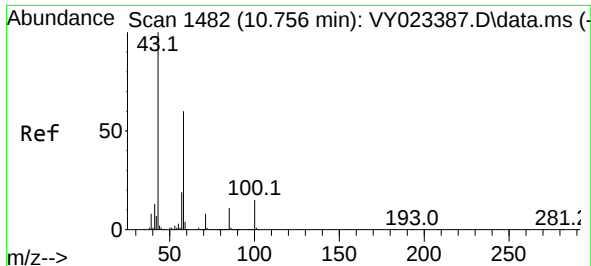
Tgt Ion: 63 Resp: 180115

Ion Ratio Lower Upper

63 100

106 31.8 26.6 39.8





#59

2-Hexanone

Concen: 95.373 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

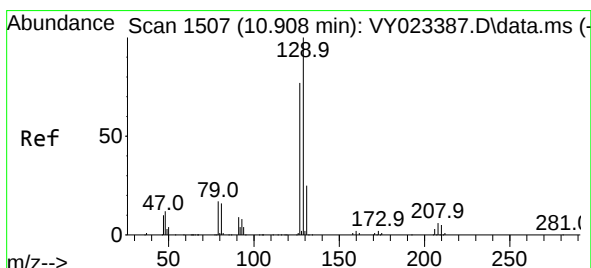
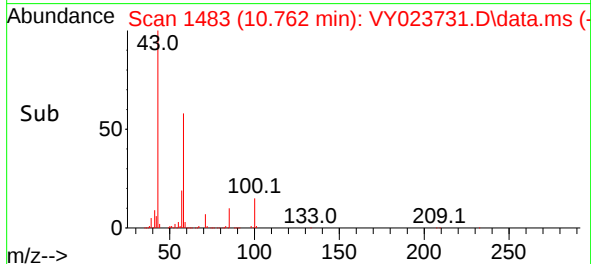
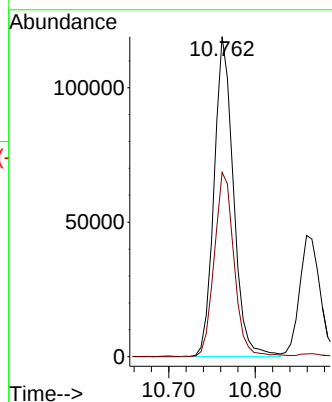
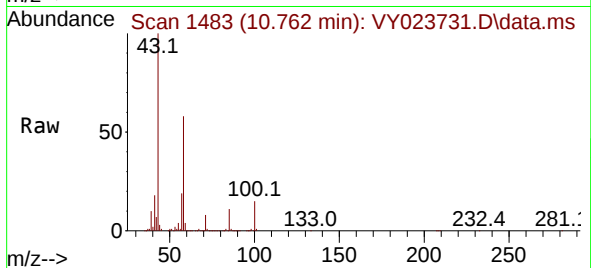
VY1111SBS01

Tgt Ion: 43 Resp: 184431

Ion Ratio Lower Upper

43 100

58 59.1 30.5 91.5



#60

Dibromochloromethane

Concen: 19.330 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY023731.D

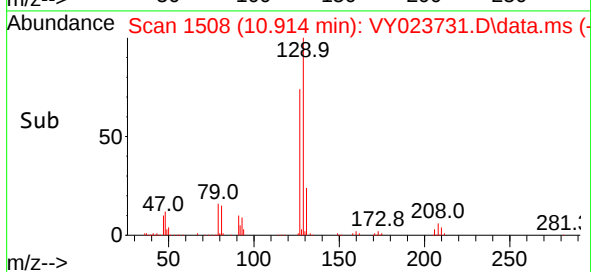
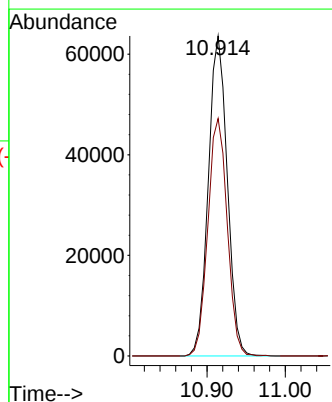
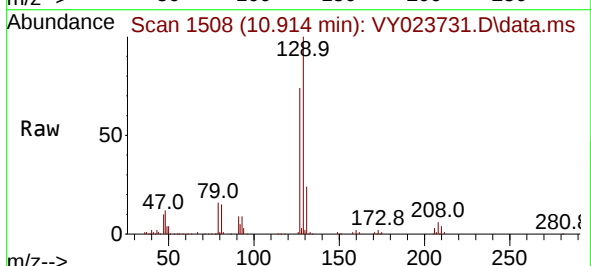
Acq: 11 Nov 2025 11:30

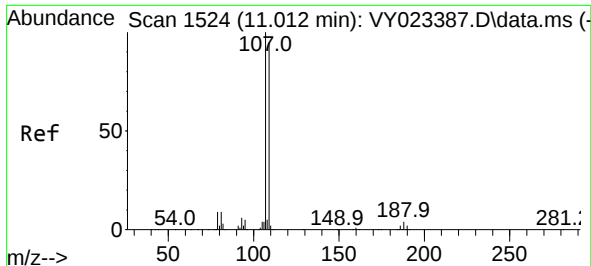
Tgt Ion:129 Resp: 106867

Ion Ratio Lower Upper

129 100

127 75.7 38.6 115.7

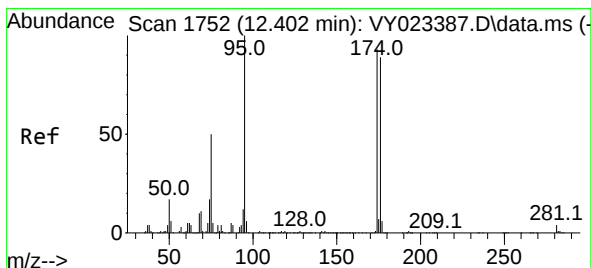
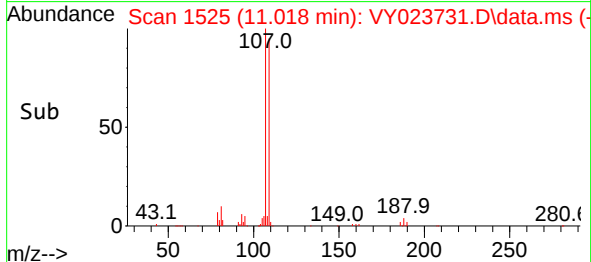
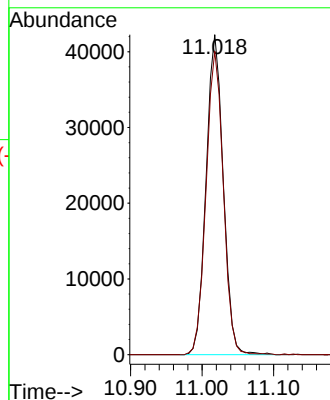
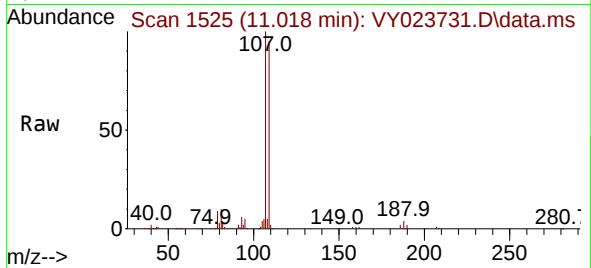




#61
1,2-Dibromoethane
Concen: 18.742 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

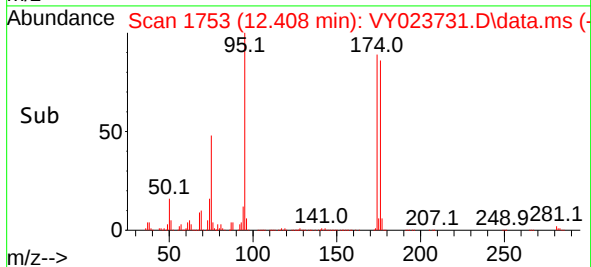
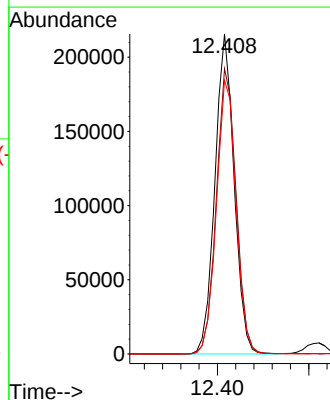
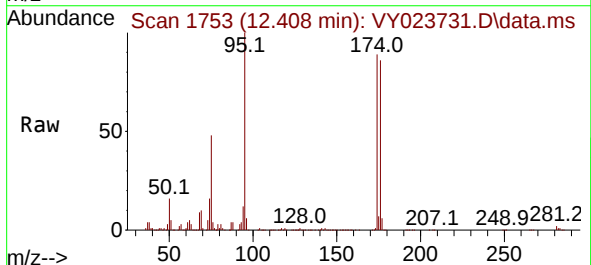
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

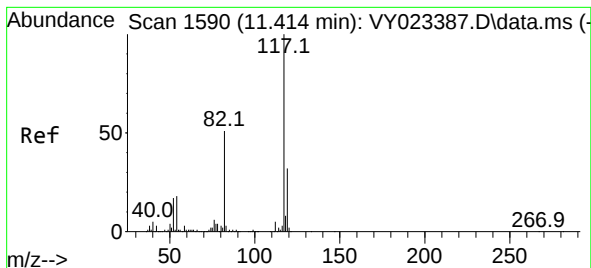
Tgt Ion:107 Resp: 70483
Ion Ratio Lower Upper
107 100
109 95.3 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 51.124 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 95 Resp: 314771
Ion Ratio Lower Upper
95 100
174 91.7 0.0 192.8
176 87.9 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

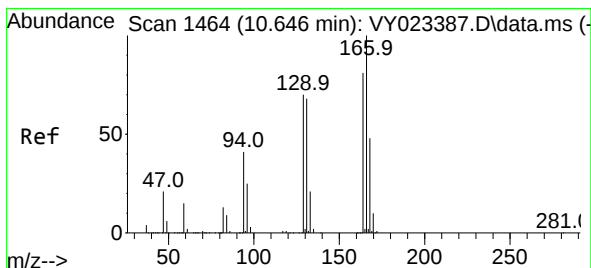
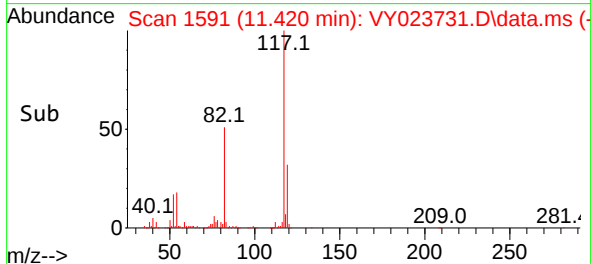
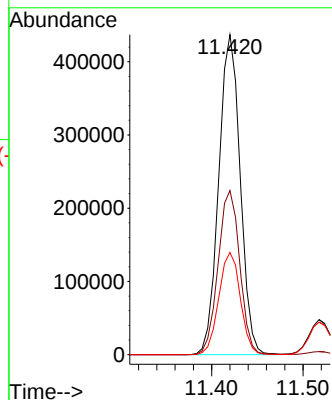
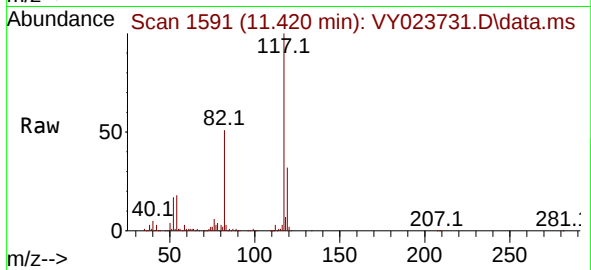
Tgt Ion:117 Resp: 713859

Ion Ratio Lower Upper

117 100

82 51.3 41.0 61.4

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 19.459 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Tgt Ion:164 Resp: 143433

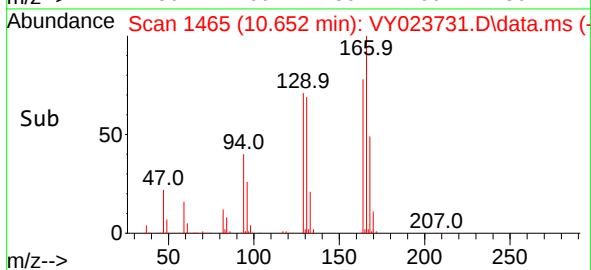
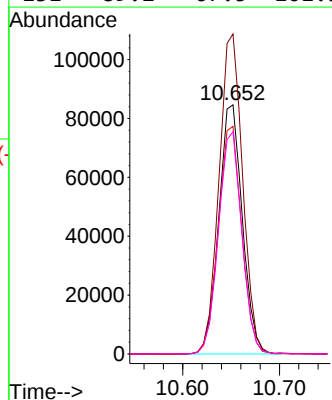
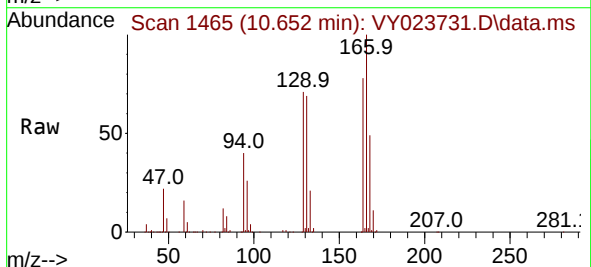
Ion Ratio Lower Upper

164 100

166 128.4 99.4 149.0

129 91.3 69.4 104.2

131 89.2 67.5 101.3





#65

Chlorobenzene

Concen: 21.119 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

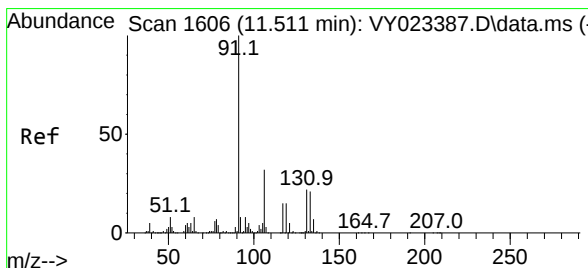
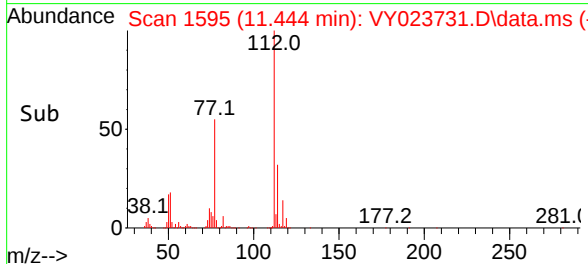
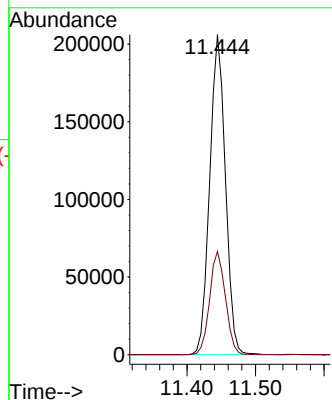
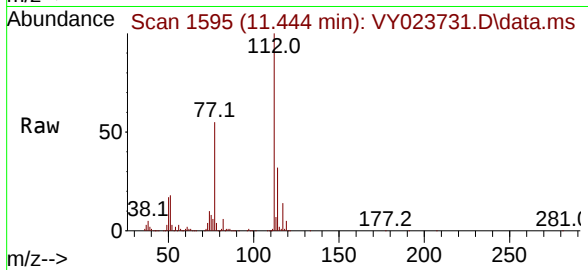
VY1111SBS01

Tgt Ion:112 Resp: 327896

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.517 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

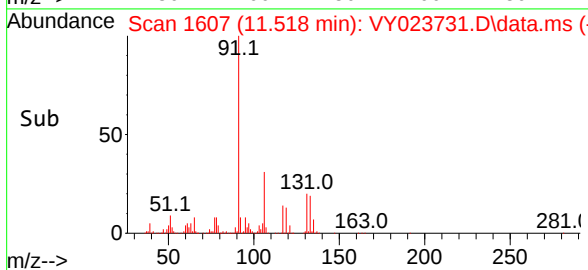
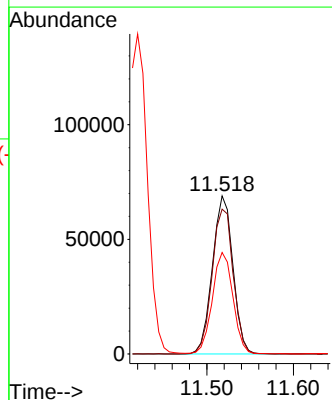
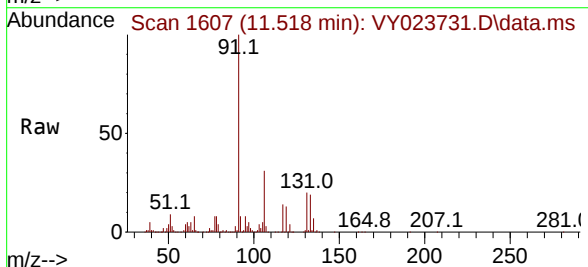
Tgt Ion:131 Resp: 113516

Ion Ratio Lower Upper

131 100

133 94.7 48.4 145.2

119 64.7 32.4 97.2

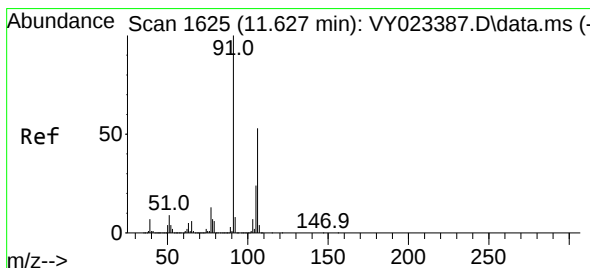
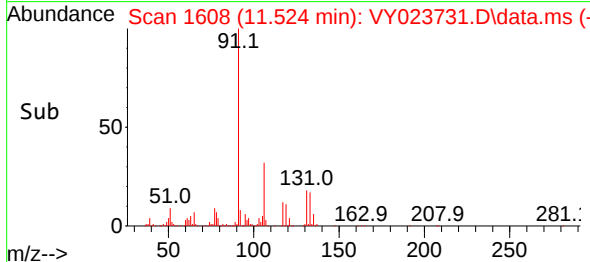
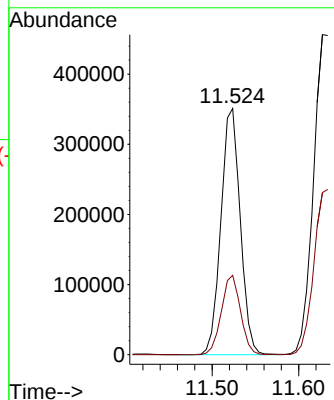
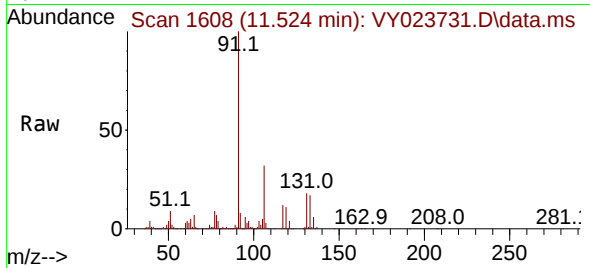




#67
Ethyl Benzene
Concen: 21.667 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

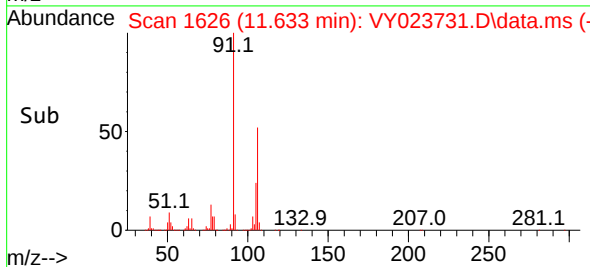
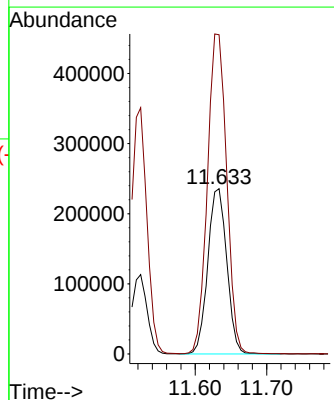
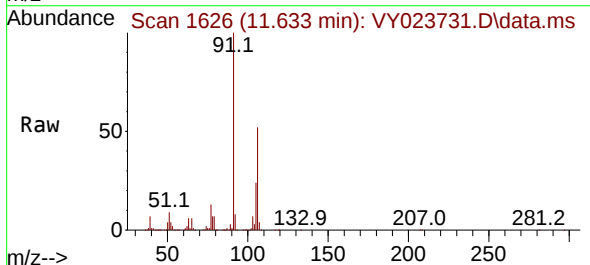
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

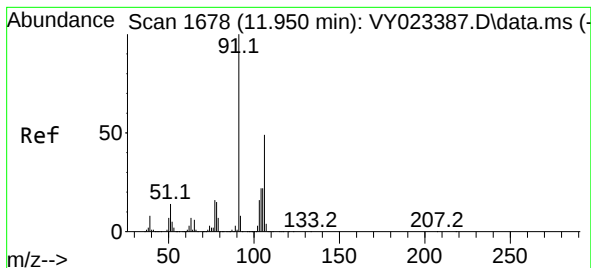
Tgt Ion: 91 Resp: 544532
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8



#68
m/p-Xylenes
Concen: 43.067 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 106 Resp: 434129
Ion Ratio Lower Upper
106 100
91 196.3 152.6 229.0





#69

o-Xylene

Concen: 20.756 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

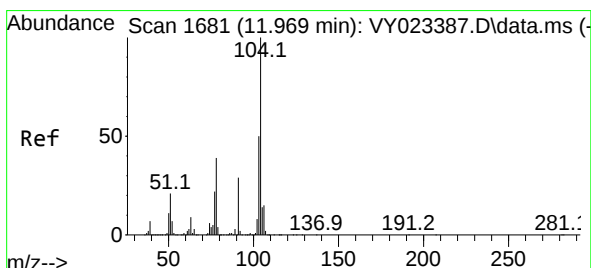
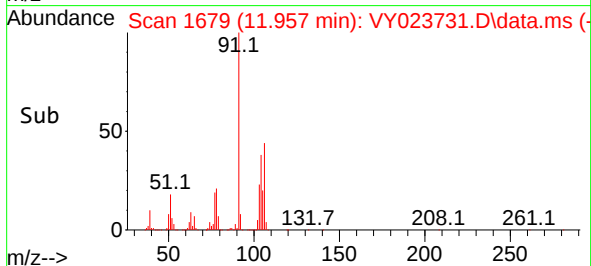
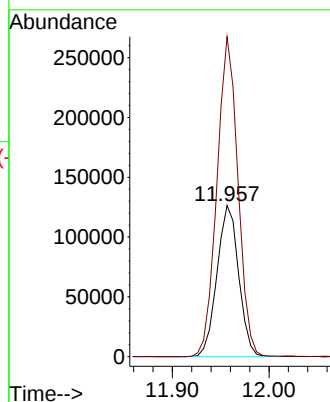
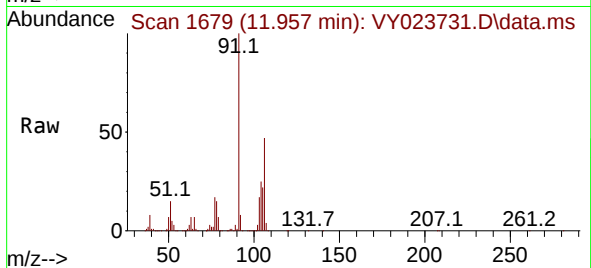
VY1111SBS01

Tgt Ion:106 Resp: 196249

Ion Ratio Lower Upper

106 100

91 205.9 101.4 304.1



#70

Styrene

Concen: 21.057 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

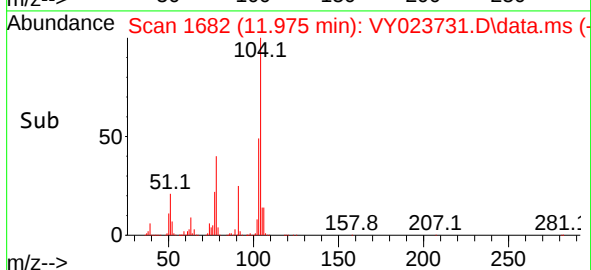
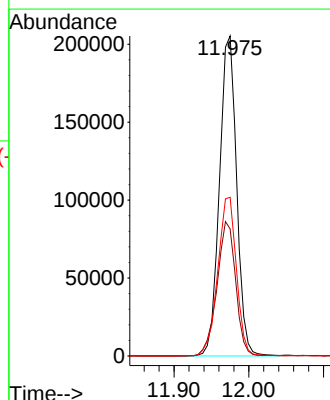
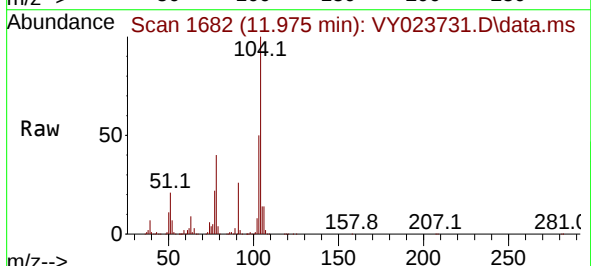
Tgt Ion:104 Resp: 327412

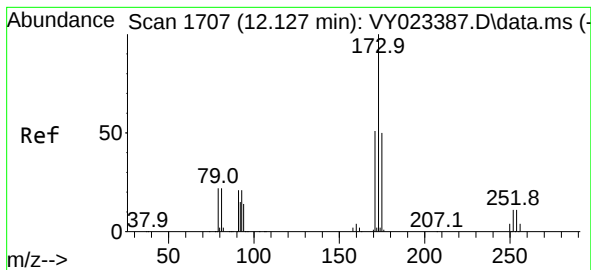
Ion Ratio Lower Upper

104 100

78 45.8 36.1 54.1

103 54.1 43.2 64.8





#71

Bromoform

Concen: 17.944 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

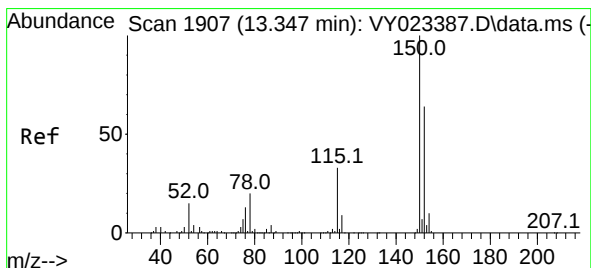
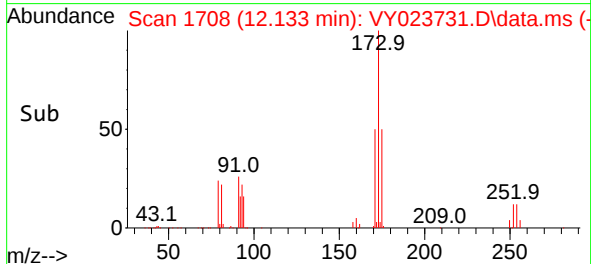
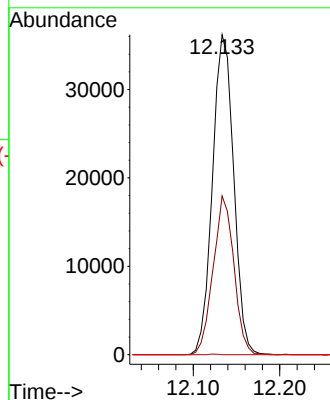
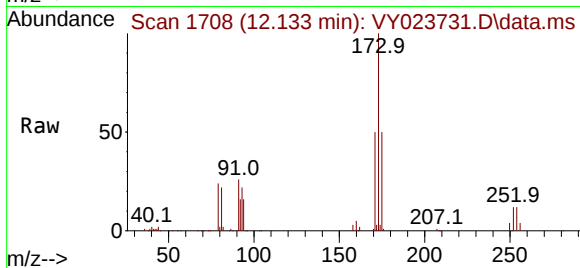
Tgt Ion:173 Resp: 61584

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.3

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

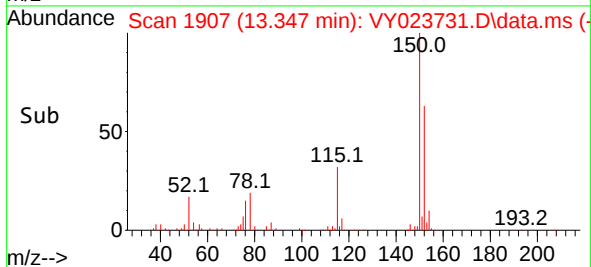
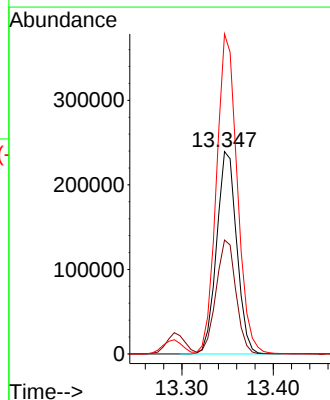
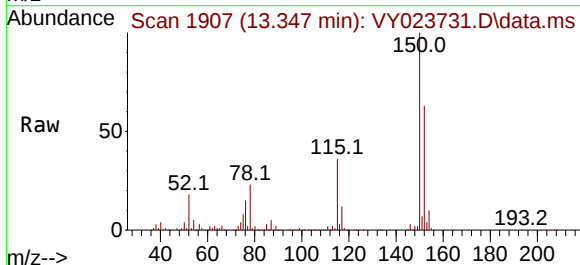
Tgt Ion:152 Resp: 365292

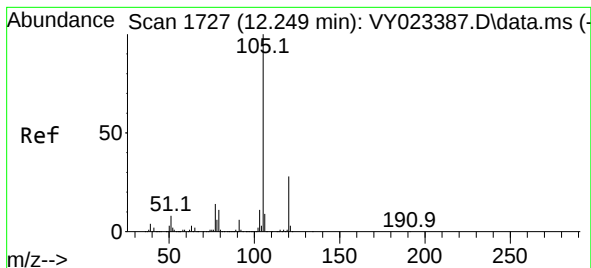
Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.2

150 163.4 0.0 347.4





#73

Isopropylbenzene

Concen: 21.836 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

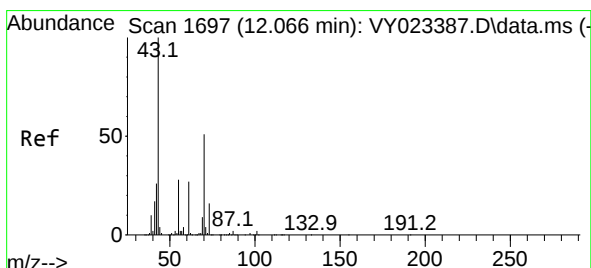
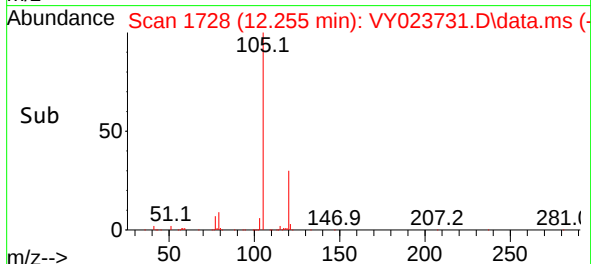
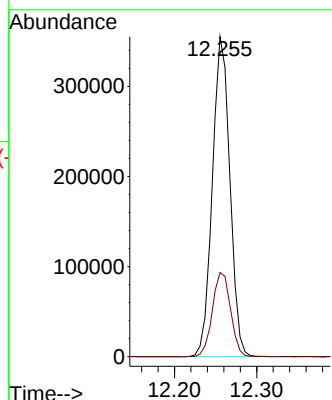
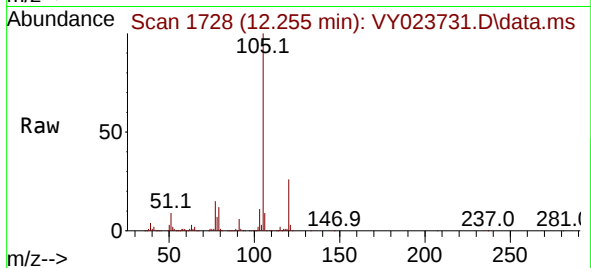
VY1111SBS01

Tgt Ion:105 Resp: 525652

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7



#74

N-amy1 acetate

Concen: 18.273 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Tgt Ion: 43 Resp: 79010

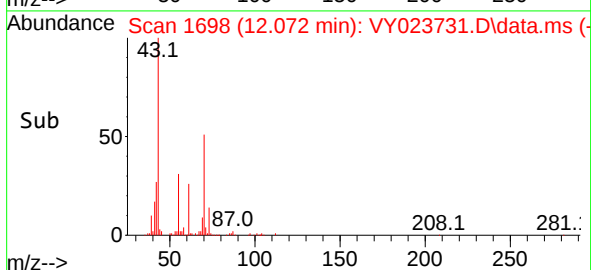
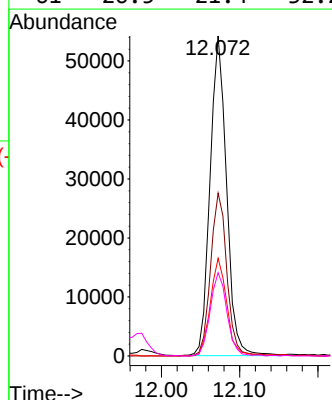
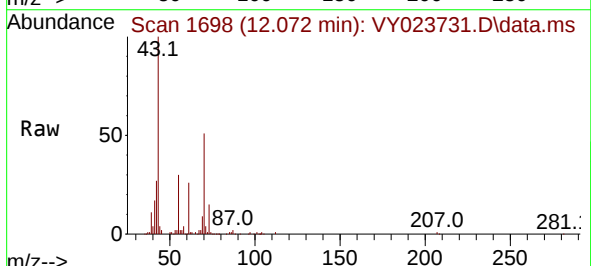
Ion Ratio Lower Upper

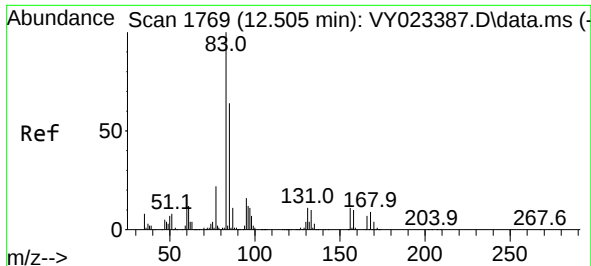
43 100

70 50.5 41.1 61.7

55 30.9 23.0 34.6

61 26.5 21.4 32.2

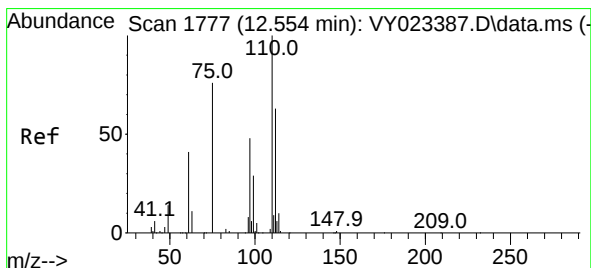
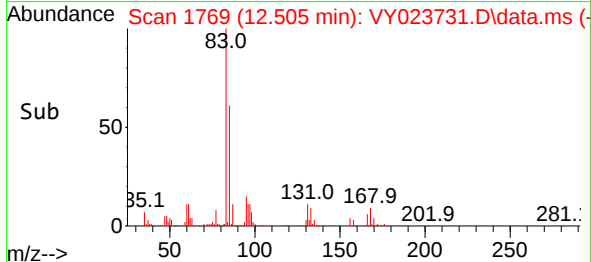
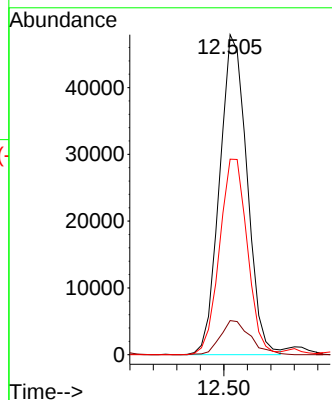
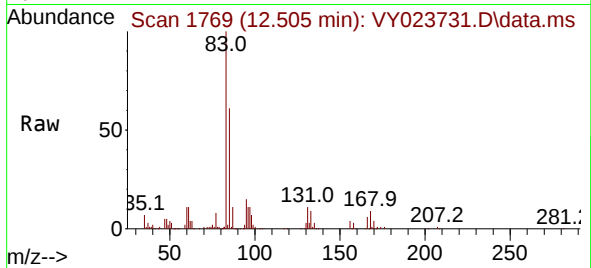




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.751 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023731.D
 Acq: 11 Nov 2025 11:30

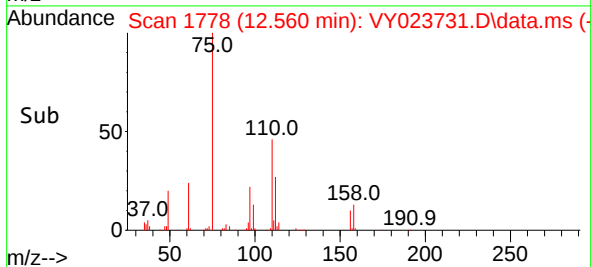
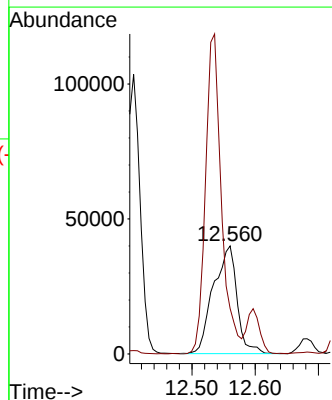
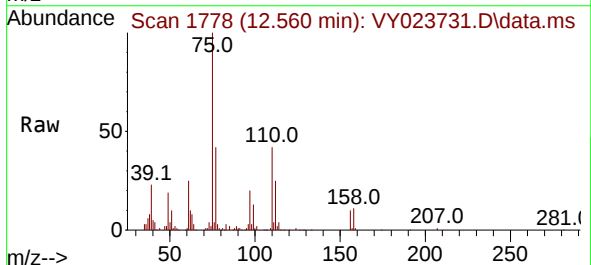
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBS01

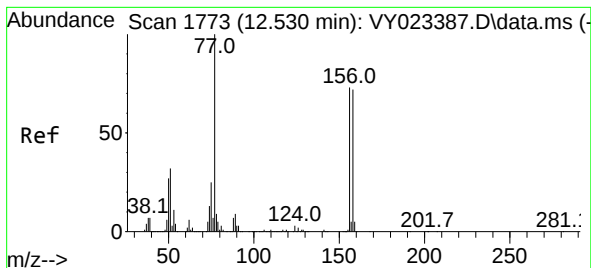
Tgt Ion: 83 Resp: 77768
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.9 17.6
 85 62.1 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 32.158 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY023731.D
 Acq: 11 Nov 2025 11:30

Tgt Ion: 75 Resp: 103641
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.331 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

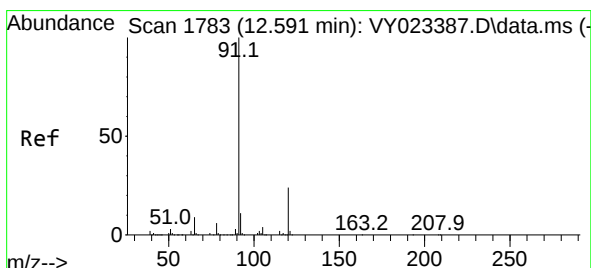
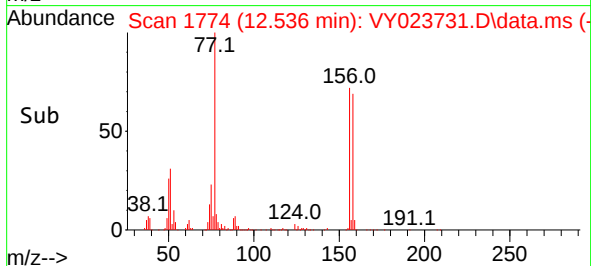
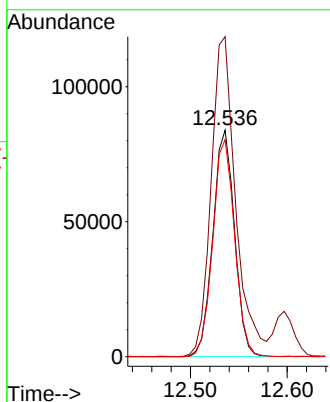
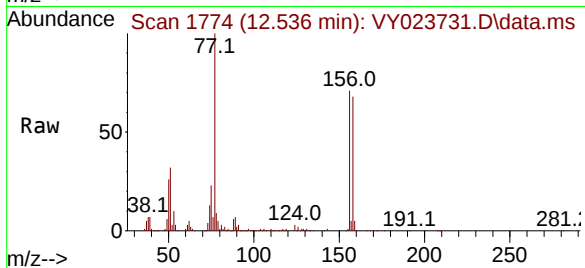
Tgt Ion:156 Resp: 130114

Ion Ratio Lower Upper

156 100

77 159.9 76.8 230.5

158 96.8 49.0 147.2



#78

n-propylbenzene

Concen: 22.438 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023731.D

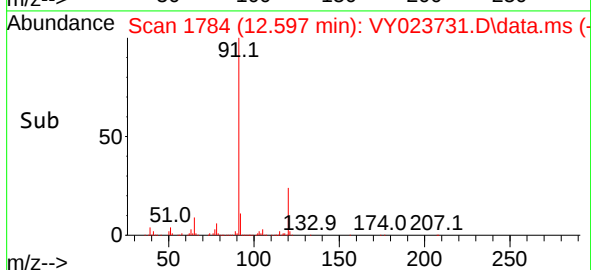
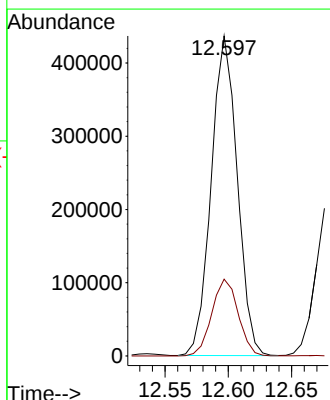
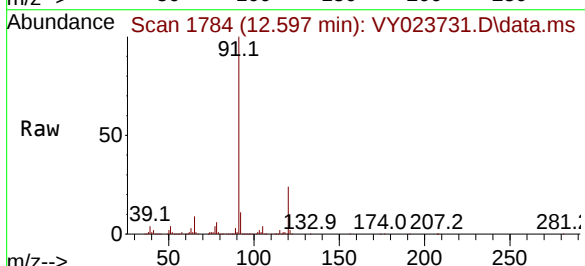
Acq: 11 Nov 2025 11:30

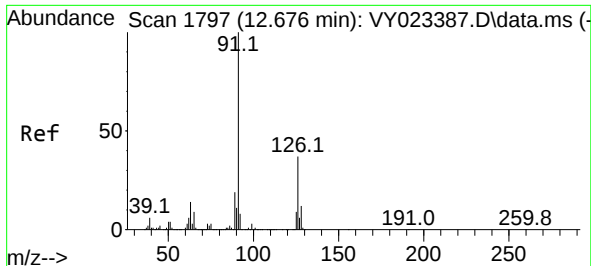
Tgt Ion: 91 Resp: 625075

Ion Ratio Lower Upper

91 100

120 24.3 12.3 36.8

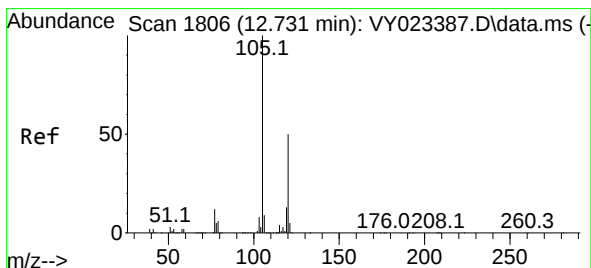
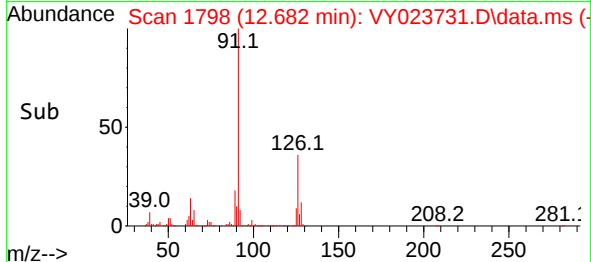
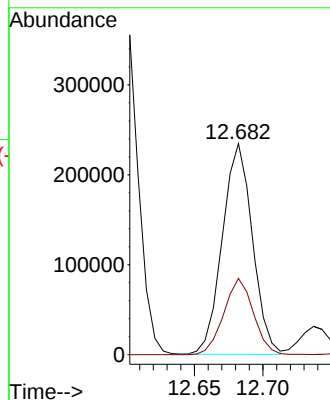
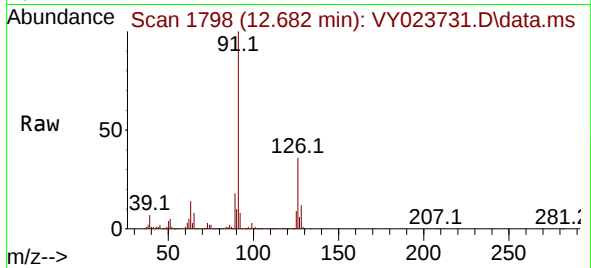




#79
2-Chlorotoluene
Concen: 21.914 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

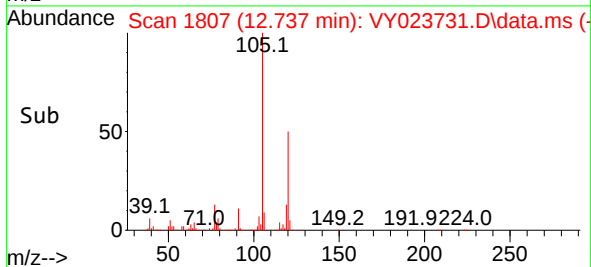
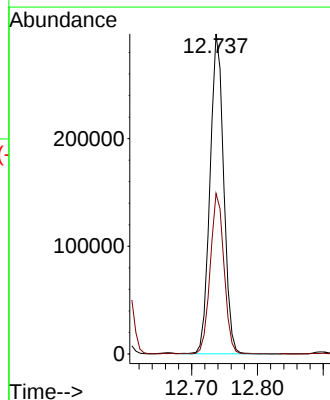
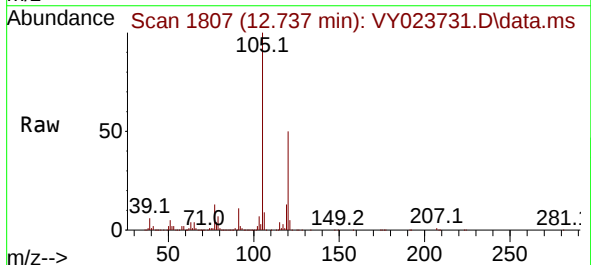
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

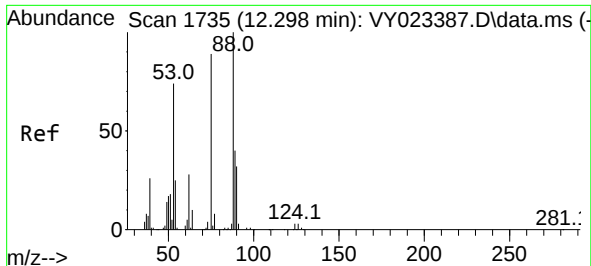
Tgt Ion: 91 Resp: 357489
Ion Ratio Lower Upper
91 100
126 35.7 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 22.090 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 105 Resp: 429724
Ion Ratio Lower Upper
105 100
120 50.5 25.4 76.4

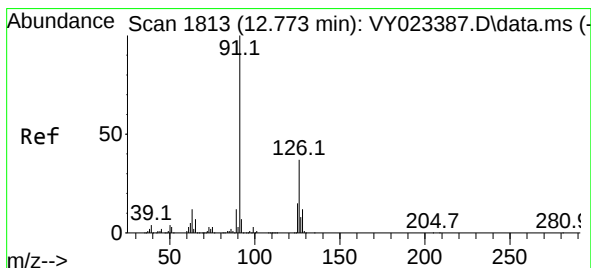
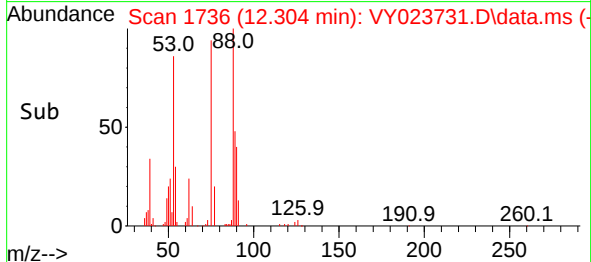
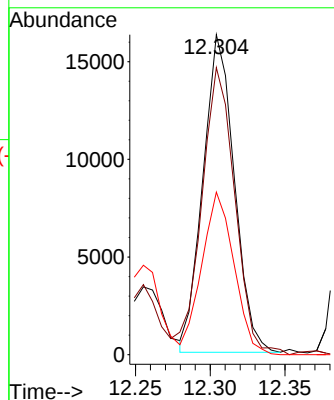
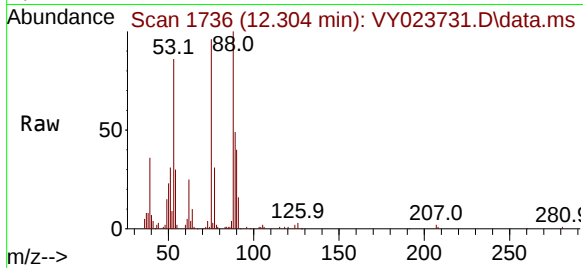




#81
trans-1,4-Dichloro-2-butene
Concen: 18.002 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

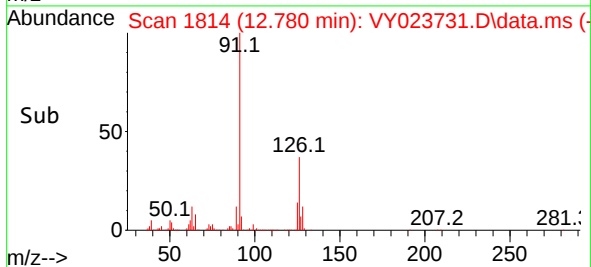
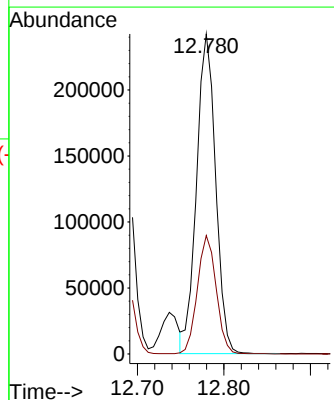
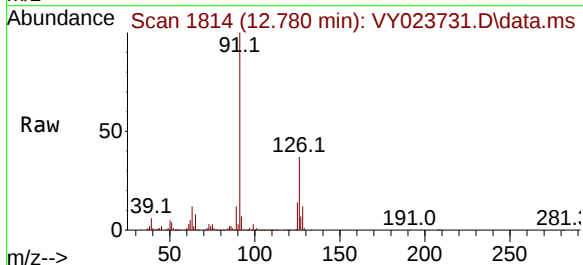
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

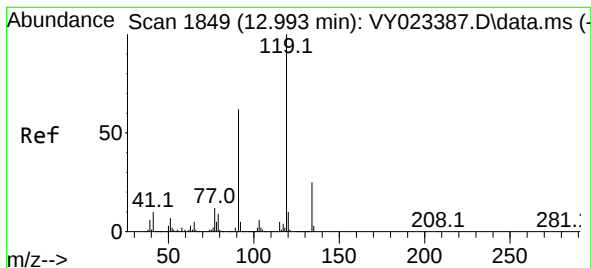
Tgt Ion: 75 Resp: 23660
Ion Ratio Lower Upper
75 100
53 95.9 68.6 102.8
89 52.8 39.0 58.4



#82
4-Chlorotoluene
Concen: 22.036 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 91 Resp: 370218
Ion Ratio Lower Upper
91 100
126 36.8 18.4 55.4





#83

tert-Butylbenzene

Concen: 21.161 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

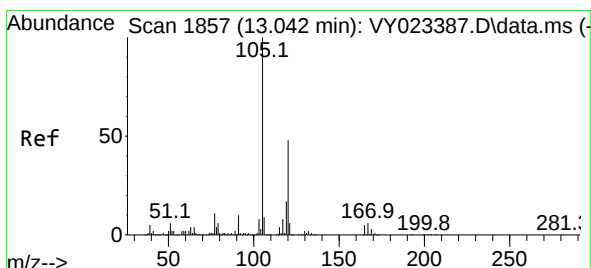
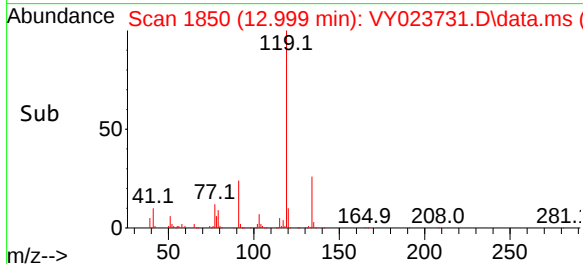
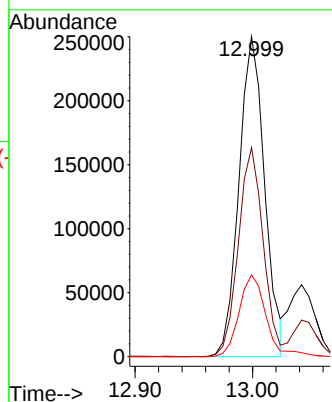
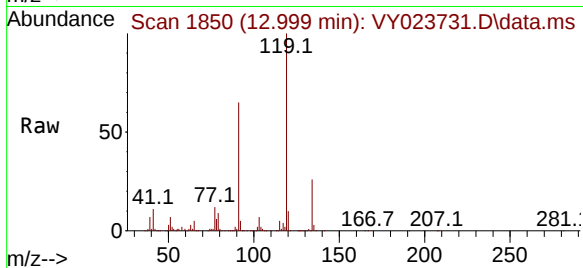
Tgt Ion:119 Resp: 380074

Ion Ratio Lower Upper

119 100

91 62.9 29.9 89.8

134 26.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.974 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023731.D

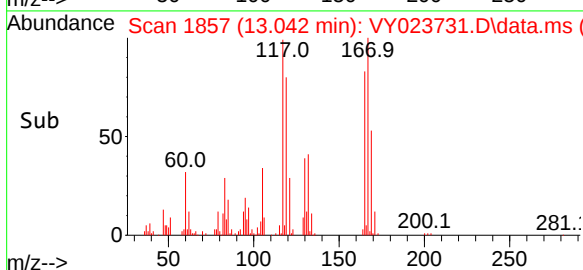
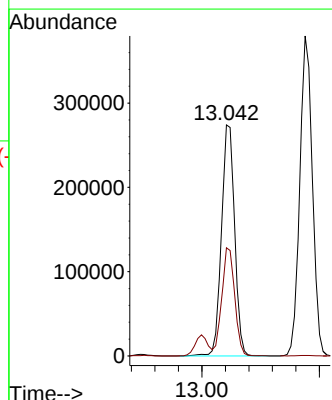
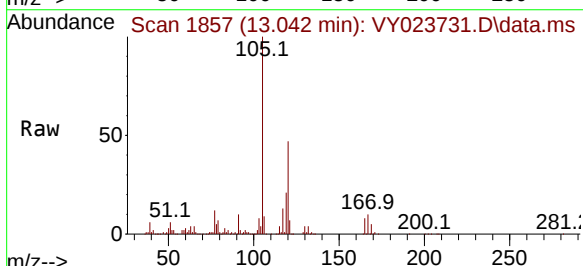
Acq: 11 Nov 2025 11:30

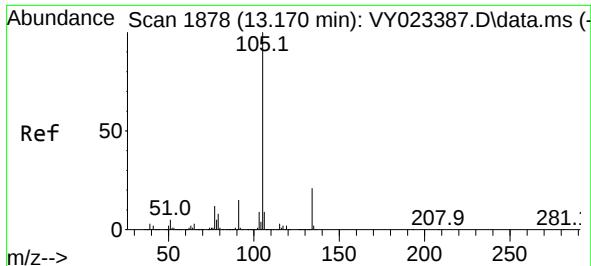
Tgt Ion:105 Resp: 426605

Ion Ratio Lower Upper

105 100

120 45.8 23.8 71.2

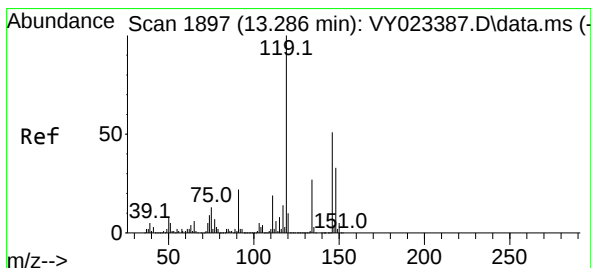
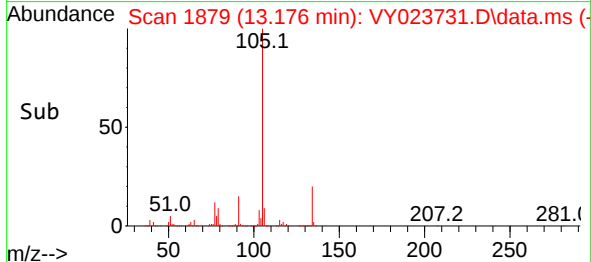
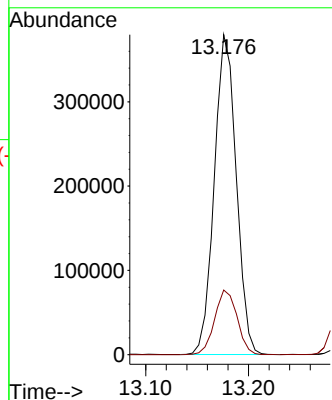
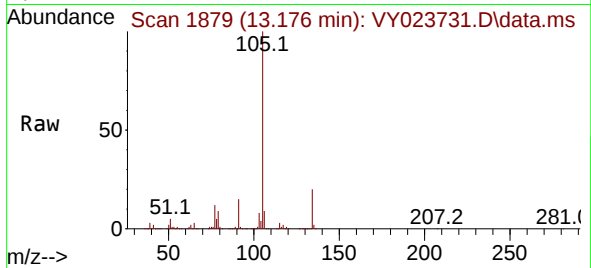




#85
 sec-Butylbenzene
 Concen: 21.823 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023731.D
 Acq: 11 Nov 2025 11:30

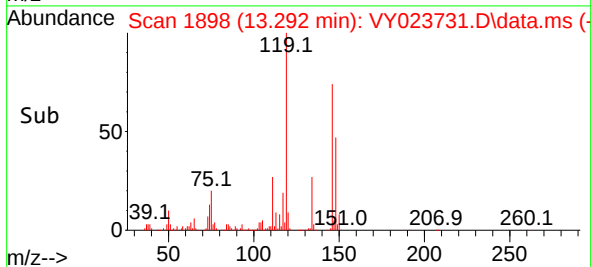
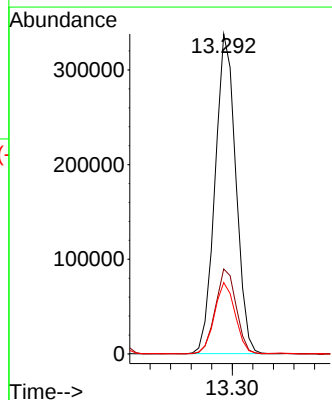
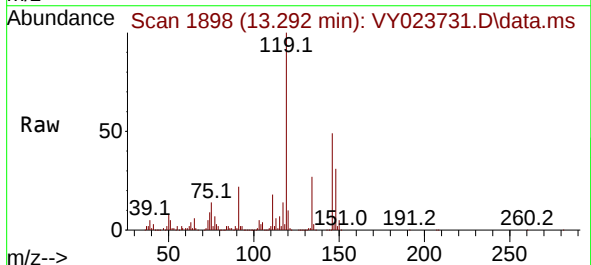
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1111SBS01

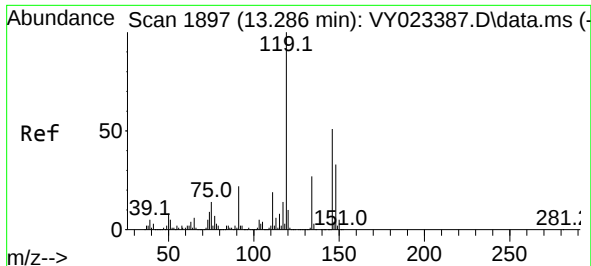
Tgt Ion:105 Resp: 562264
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 21.537 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023731.D
 Acq: 11 Nov 2025 11:30

Tgt Ion:119 Resp: 472463
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 22.3 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 20.242 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

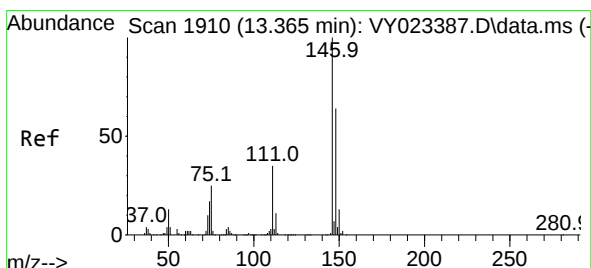
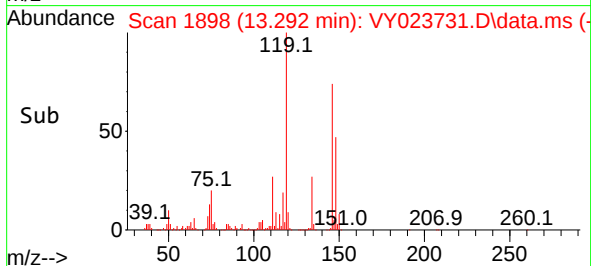
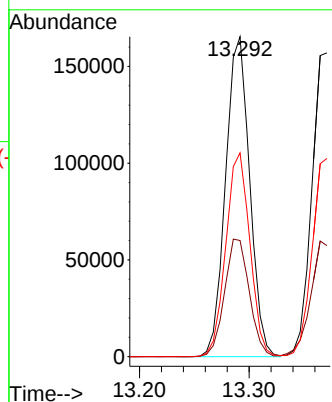
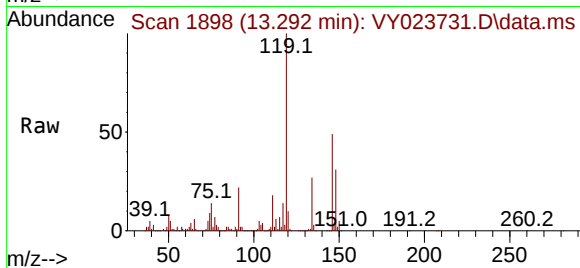
Tgt Ion:146 Resp: 252264

Ion Ratio Lower Upper

146 100

111 37.8 18.7 56.1

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.092 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

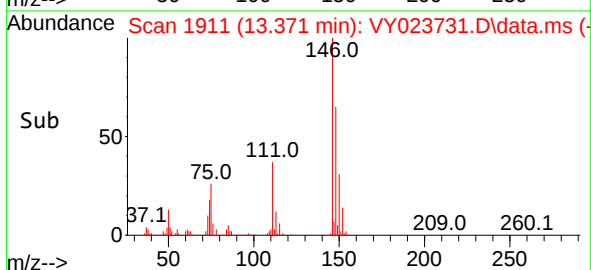
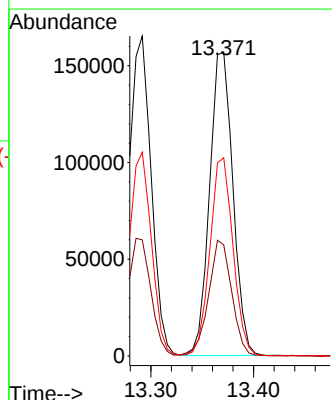
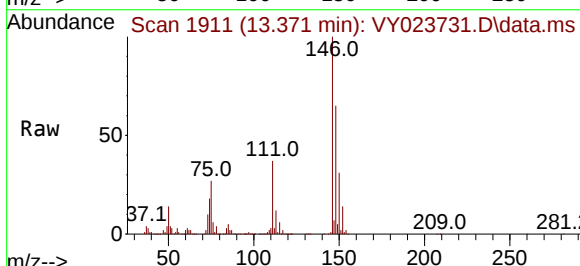
Tgt Ion:146 Resp: 247306

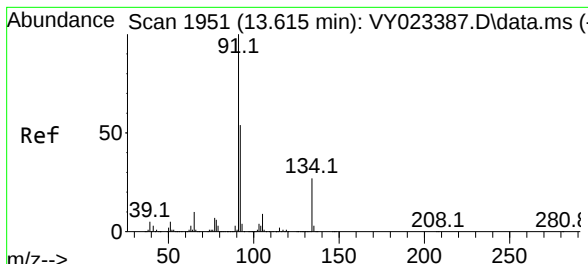
Ion Ratio Lower Upper

146 100

111 38.1 18.0 54.0

148 64.8 31.9 95.7

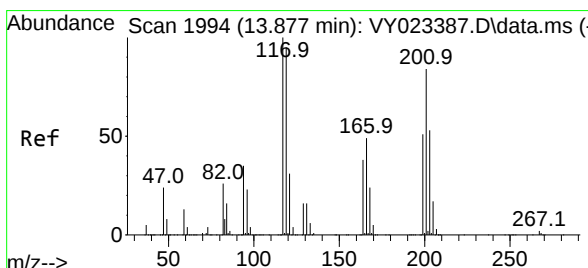
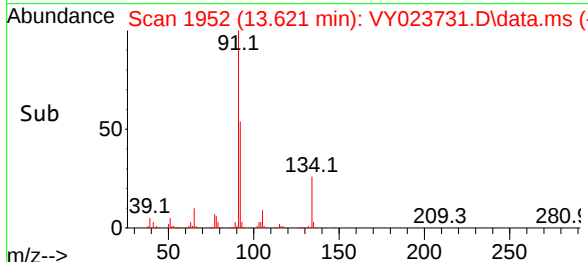
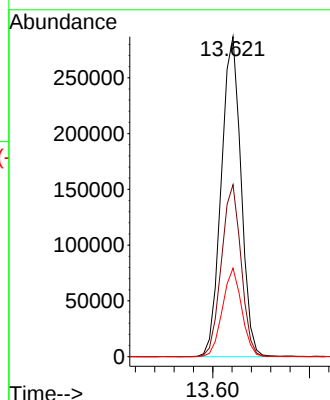
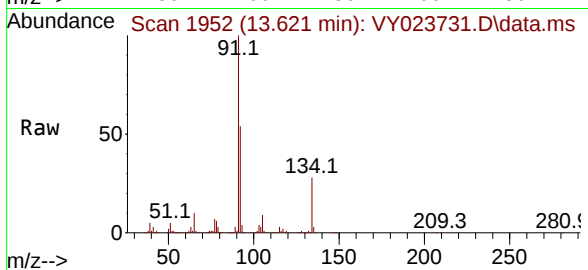




#89
n-Butylbenzene
Concen: 21.218 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

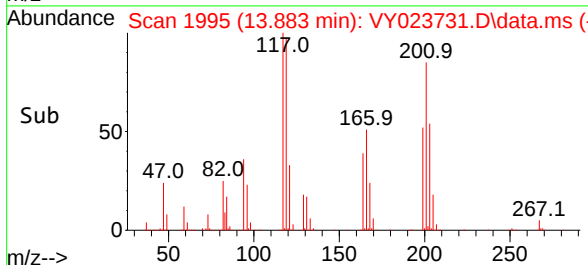
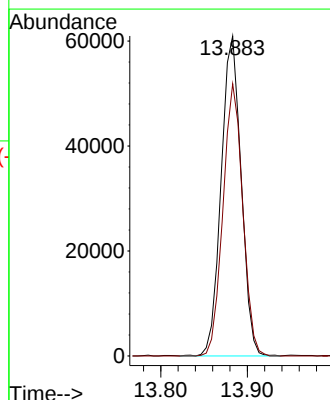
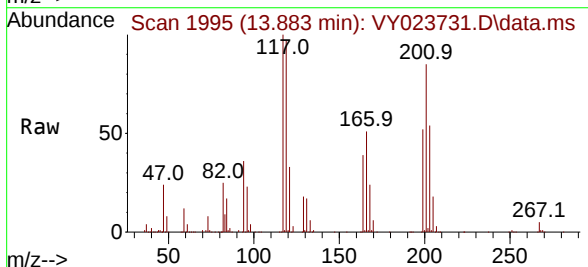
Instrument :
MSVOA_Y
ClientSampleId :
VY1111SBS01

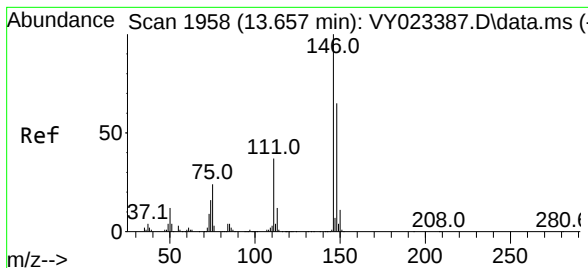
Tgt Ion: 91	Resp: 405574
Ion Ratio	Lower Upper
91	100
92	53.6 27.0 80.8
134	27.0 14.1 42.2



#90
Hexachloroethane
Concen: 20.725 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY023731.D
Acq: 11 Nov 2025 11:30

Tgt Ion: 117	Resp: 97786
Ion Ratio	Lower Upper
117	100
201	83.7 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 19.689 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

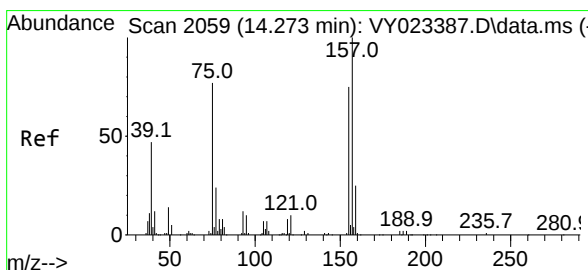
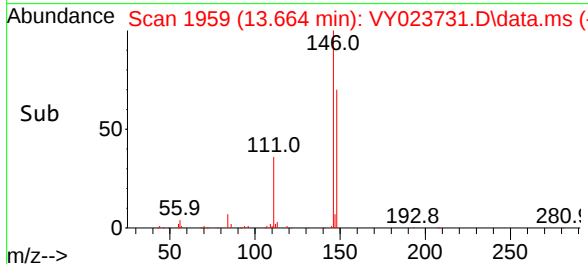
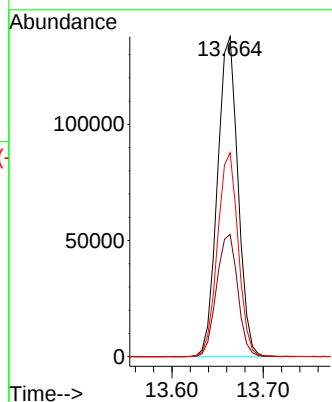
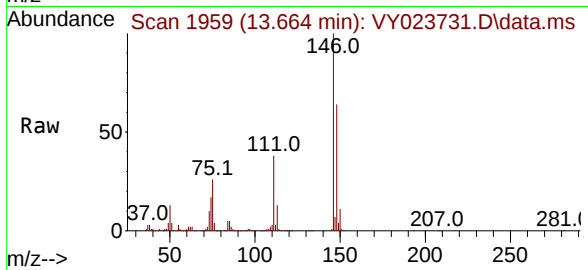
Tgt Ion:146 Resp: 215127

Ion Ratio Lower Upper

146 100

111 39.4 19.0 57.0

148 64.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.788 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

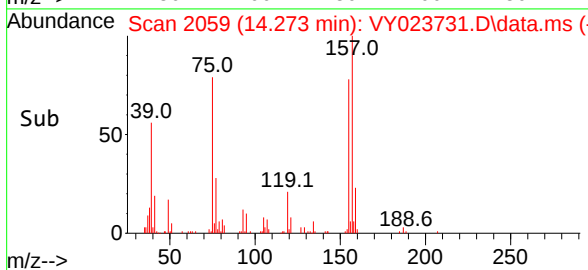
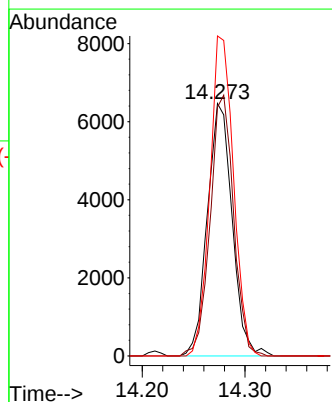
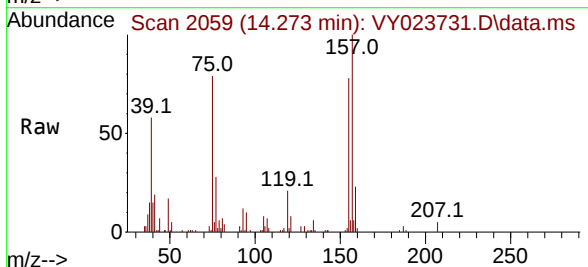
Tgt Ion: 75 Resp: 10846

Ion Ratio Lower Upper

75 100

155 97.2 50.0 150.0

157 120.3 63.8 191.5





#93

1,2,4-Trichlorobenzene

Concen: 17.118 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

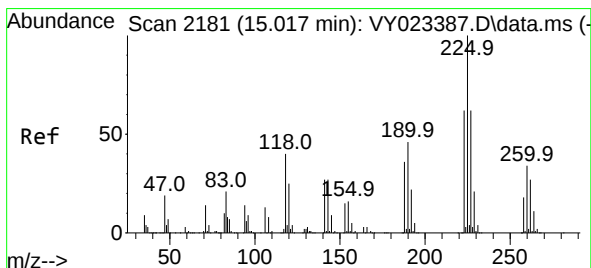
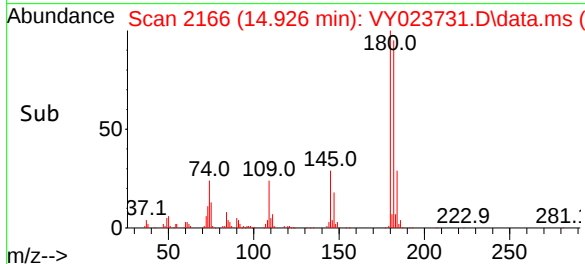
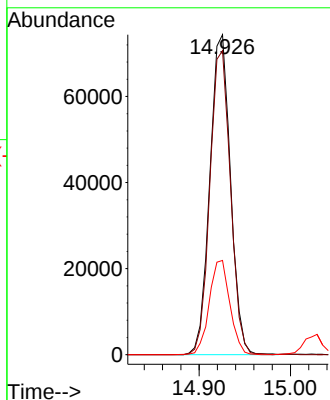
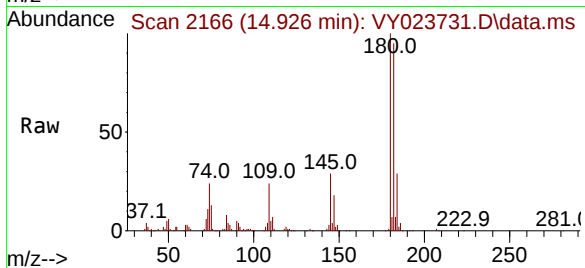
Tgt Ion:180 Resp: 116599

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.6

145 29.5 14.7 44.1



#94

Hexachlorobutadiene

Concen: 18.305 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

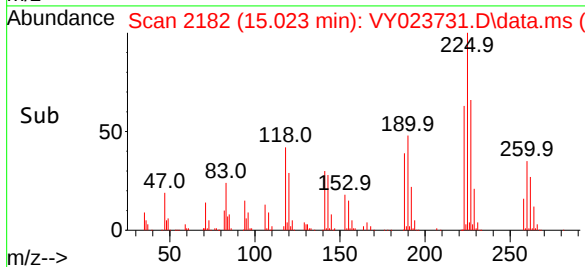
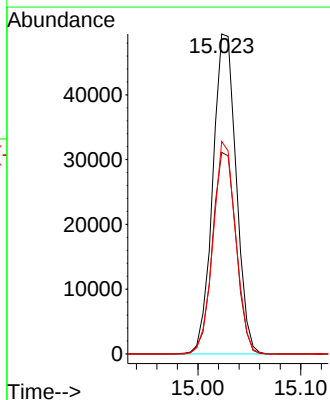
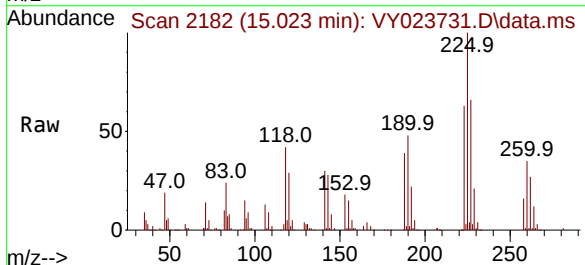
Tgt Ion:225 Resp: 77724

Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 64.4 31.9 95.7





#95

Naphthalene

Concen: 14.838 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1111SBS01

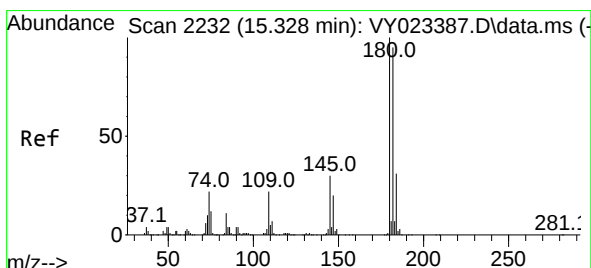
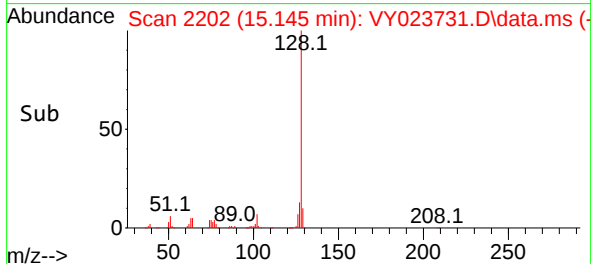
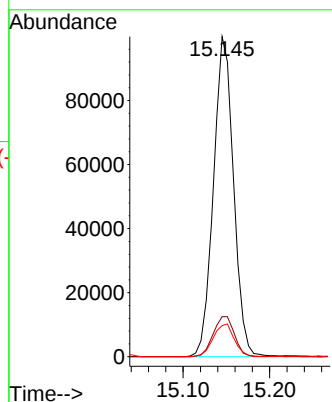
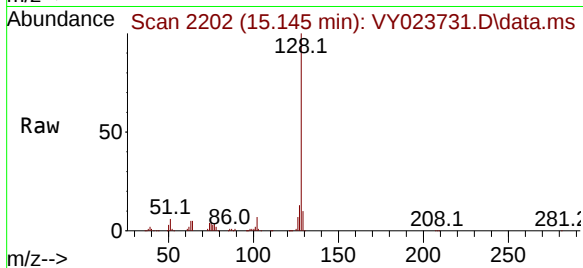
Tgt Ion:128 Resp: 160943

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 16.447 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY023731.D

Acq: 11 Nov 2025 11:30

Tgt Ion:180 Resp: 97042

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 30.5 15.3 45.9

