

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121025\
 Data File : VY023935.D
 Acq On : 10 Dec 2025 13:11
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 11 03:46:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 03:41:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	550166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	778493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	678023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	355217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	612884	125.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	252.000%#
35) Dibromofluoromethane	7.640	113	683899	134.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	268.780%#
50) Toluene-d8	10.109	98	2585031	136.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	272.880%#
62) 4-Bromofluorobenzene	12.407	95	860852	136.053	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	272.100%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	567578	148.767	ug/l	100
3) Chloromethane	2.074	50	712706	145.413	ug/l	97
4) Vinyl Chloride	2.214	62	919257	151.784	ug/l	99
5) Bromomethane	2.598	94	733318	142.218	ug/l	100
6) Chloroethane	2.738	64	629431	147.505	ug/l	99
7) Trichlorofluoromethane	3.062	101	1324063	145.215	ug/l	100
8) Diethyl Ether	3.464	74	341074	136.164	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	752713	141.653	ug/l	100
10) Methyl Iodide	4.013	142	940732	143.758	ug/l	100
11) Tert butyl alcohol	4.872	59	172812	613.520	ug/l	98
12) 1,1-Dichloroethene	3.799	96	737926	147.803	ug/l	99
13) Acrolein	3.659	56	348054	772.598	ug/l	100
14) Allyl chloride	4.391	41	952540	149.107	ug/l	99
15) Acrylonitrile	5.067	53	656584	657.899	ug/l	100
16) Acetone	3.872	43	850500	740.247	ug/l	100
17) Carbon Disulfide	4.116	76	2095414	158.042	ug/l	100
18) Methyl Acetate	4.391	43	283772	128.940	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	1671514	140.001	ug/l	97
20) Methylene Chloride	4.622	84	742488	129.749	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	801384	146.214	ug/l	97
22) Diisopropyl ether	6.024	45	2114937	145.390	ug/l	98
23) Vinyl Acetate	5.970	43	5876308	727.031	ug/l	99
24) 1,1-Dichloroethane	5.921	63	1306419	144.086	ug/l	99
25) 2-Butanone	6.902	43	976364	649.503	ug/l	98
26) 2,2-Dichloropropane	6.890	77	1248403	147.462	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	925640	147.117	ug/l	100
28) Bromochloromethane	7.250	49	499972	146.371	ug/l	99
29) Tetrahydrofuran	7.268	42	512720	668.779	ug/l	99
30) Chloroform	7.427	83	1383701	139.708	ug/l	99
31) Cyclohexane	7.707	56	1194301	143.168	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	1319639	143.683	ug/l	99
36) 1,1-Dichloropropene	7.841	75	1032023	148.961	ug/l	99
37) Ethyl Acetate	6.988	43	376695	133.523	ug/l	99
38) Carbon Tetrachloride	7.823	117	1227964	146.229	ug/l	98
39) Methylcyclohexane	9.115	83	1442596	155.853	ug/l	98
40) Benzene	8.085	78	3077622	145.874	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	223579	144.057	ug/l	92
42) 1,2-Dichloroethane	8.164	62	766261	138.499	ug/l	100
43) Isopropyl Acetate	8.201	43	749274	141.017	ug/l	99
44) Trichloroethene	8.872	130	887706	145.111	ug/l	100
45) 1,2-Dichloropropane	9.146	63	683270	143.539	ug/l	100
46) Dibromomethane	9.237	93	392623	140.041	ug/l	99
47) Bromodichloromethane	9.426	83	1040854	141.124	ug/l	98
48) Methyl methacrylate	9.225	41	368745	149.077	ug/l	99
49) 1,4-Dioxane	9.231	88	82215	2630.383	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	1950492	692.843	ug/l	98
52) Toluene	10.176	92	2077175	148.787	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	953833	149.653	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	1124092	149.667	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	524504	135.923	ug/l	99
56) Ethyl methacrylate	10.444	69	699916	153.000	ug/l	99
57) 1,3-Dichloropropane	10.719	76	871108	139.577	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	1563271	788.914	ug/l	99
59) 2-Hexanone	10.761	43	1503759	703.804	ug/l	99
60) Dibromochloromethane	10.914	129	758492	141.972	ug/l	98
61) 1,2-Dibromoethane	11.017	107	497350	139.088	ug/l	99
64) Tetrachloroethene	10.652	164	1006823	138.225	ug/l	96
65) Chlorobenzene	11.444	112	2262369	143.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	785081	142.482	ug/l	99
67) Ethyl Benzene	11.523	91	3976083	151.045	ug/l	98
68) m/p-Xylenes	11.633	106	3144174	300.883	ug/l	99
69) o-Xylene	11.956	106	1494554	152.889	ug/l	100
70) Styrene	11.975	104	2437322	154.339	ug/l	99
71) Bromoform	12.133	173	450443	138.718	ug/l #	98
73) Isopropylbenzene	12.255	105	3891499	149.905	ug/l	99
74) N-amyl acetate	12.072	43	723959	157.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	532959	134.830	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	738404	244.985	ug/l #	100
77) Bromobenzene	12.536	156	913723	141.854	ug/l	99
78) n-propylbenzene	12.596	91	4494949	148.822	ug/l	99
79) 2-Chlorotoluene	12.682	91	2506761	146.108	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	3108868	150.112	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	189522	143.571	ug/l	97
82) 4-Chlorotoluene	12.779	91	2561903	145.051	ug/l	100
83) tert-Butylbenzene	12.999	119	2932715	153.261	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	3087755	150.503	ug/l	100
85) sec-Butylbenzene	13.176	105	4155333	148.864	ug/l	100
86) p-Isopropyltoluene	13.291	119	3586308	151.785	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	1801833	144.046	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	1713721	138.984	ug/l	100
89) n-Butylbenzene	13.621	91	3206436	155.113	ug/l	100
90) Hexachloroethane	13.883	117	703213	145.853	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	1509965	139.324	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	80557	131.625	ug/l	98
93) 1,2,4-Trichlorobenzene	14.925	180	998993	156.833	ug/l	100
94) Hexachlorobutadiene	15.029	225	620011	148.496	ug/l	99
95) Naphthalene	15.151	128	1588786	161.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	839718	154.918	ug/l	99

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QLast Update : Thu Dec 11 03:41:20 2025
Response via : Initial Calibration

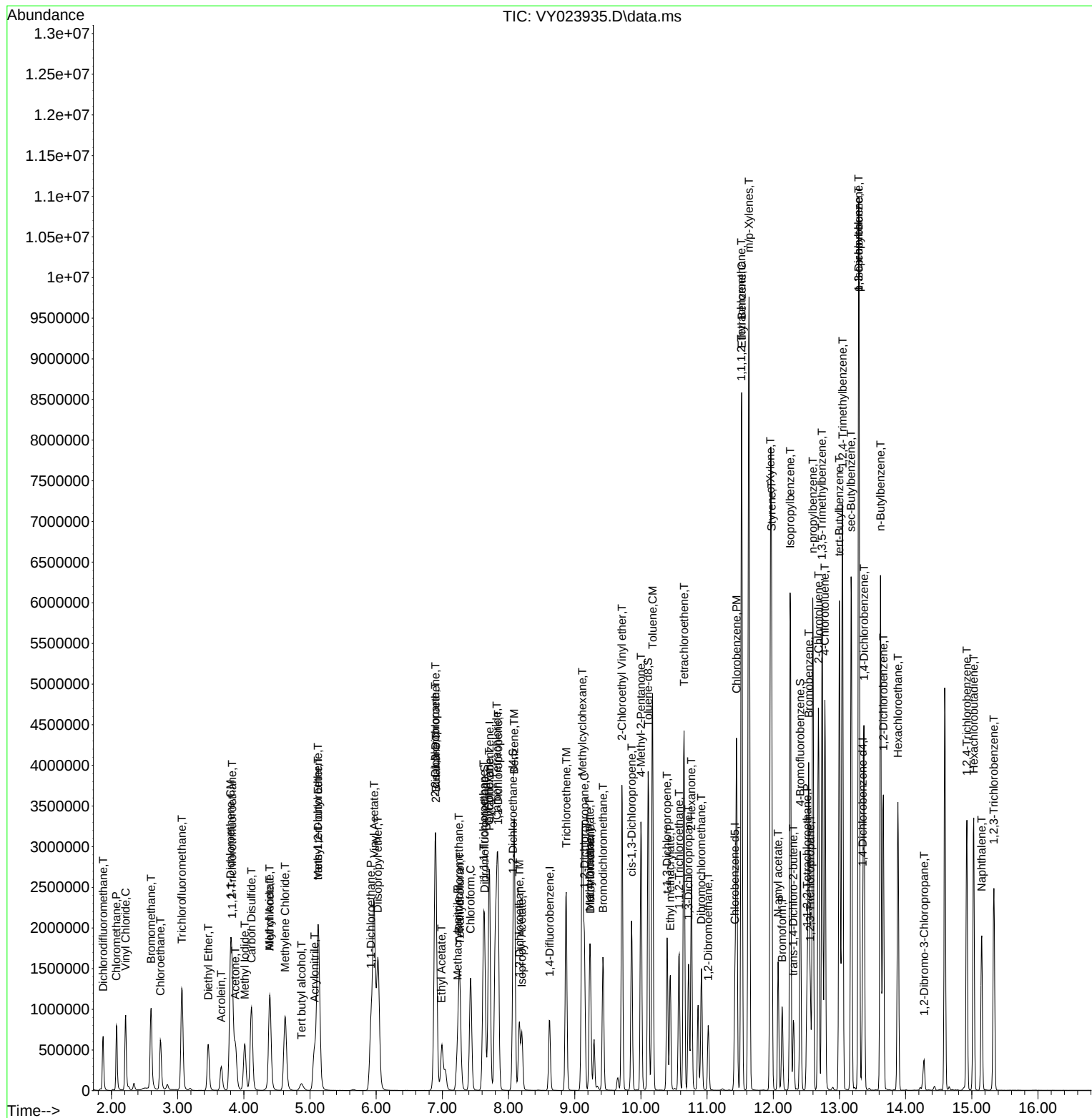
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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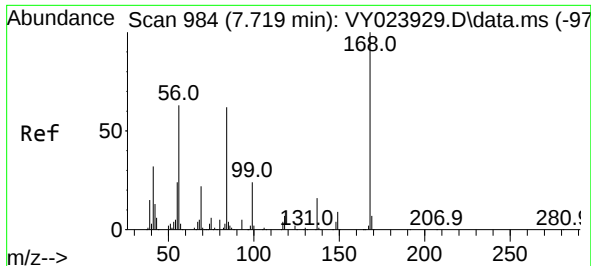
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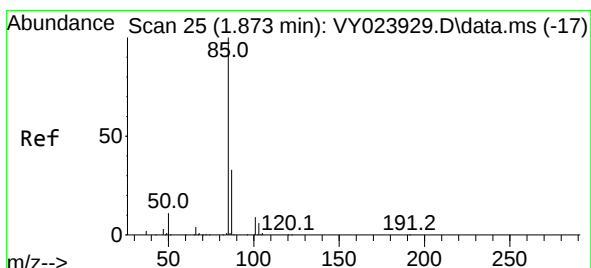
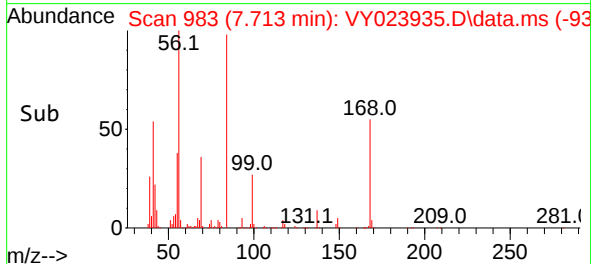
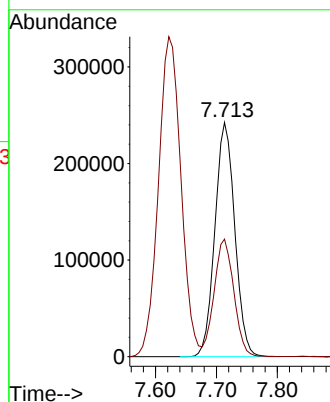
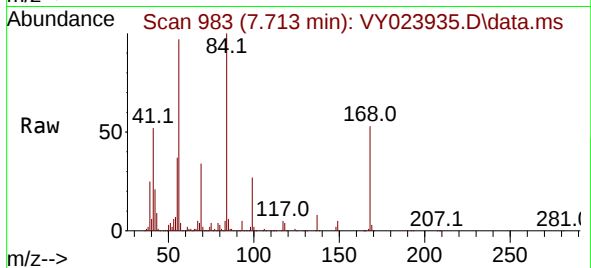




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023935.D
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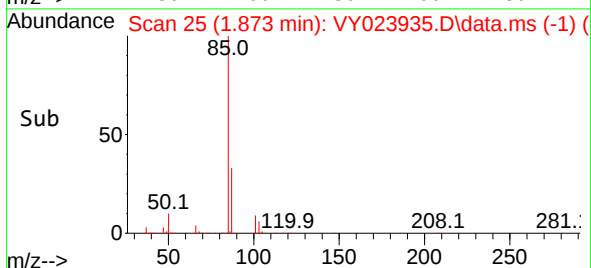
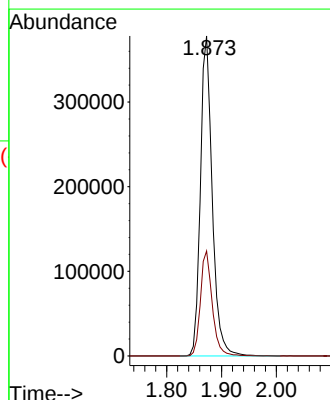
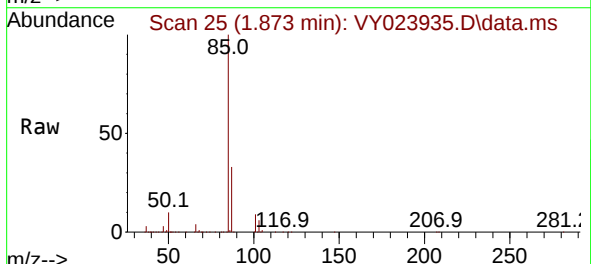
Instrument :
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ClientSampleId :
VSTDIC150

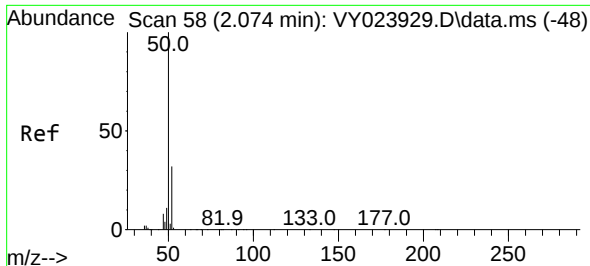
Tgt Ion:168 Resp: 550166
Ion Ratio Lower Upper
168 100
99 50.1 38.9 58.3



#2
Dichlorodifluoromethane
Concen: 148.767 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 85 Resp: 567578
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.1

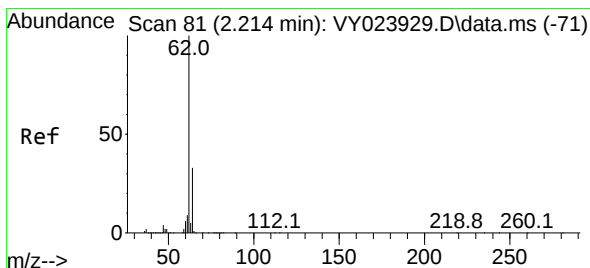
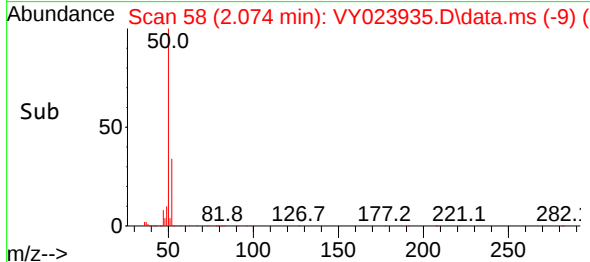
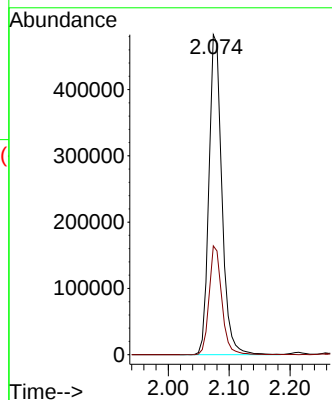
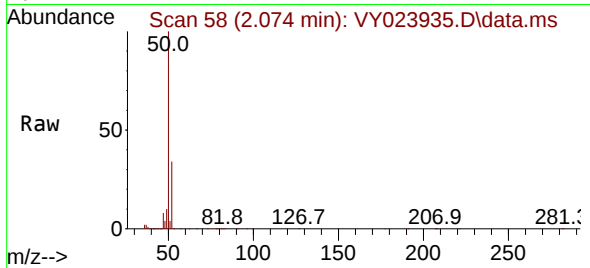




#3
Chloromethane
Concen: 145.413 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

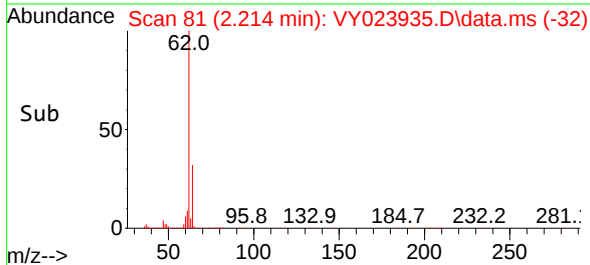
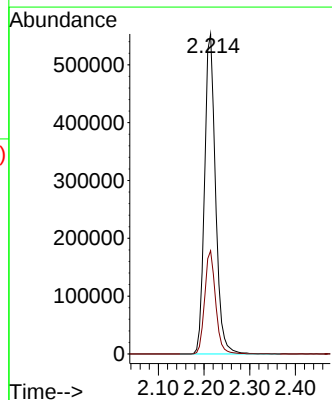
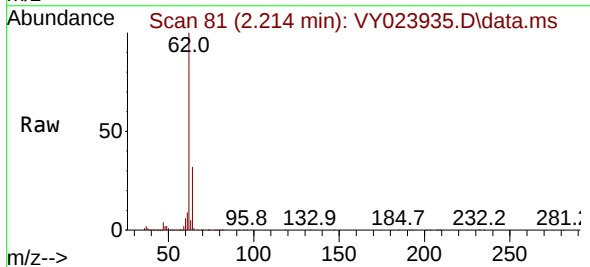
Instrument :
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ClientSampleId :
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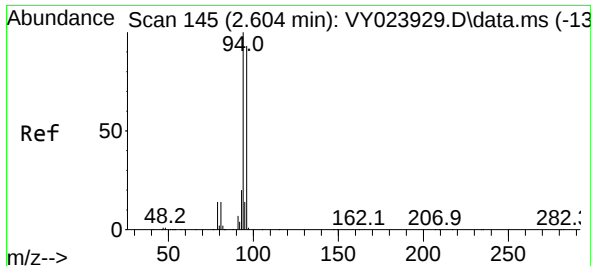
Tgt Ion: 50 Resp: 712706
Ion Ratio Lower Upper
50 100
52 34.0 25.8 38.8



#4
Vinyl Chloride
Concen: 151.784 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 62 Resp: 919257
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.4

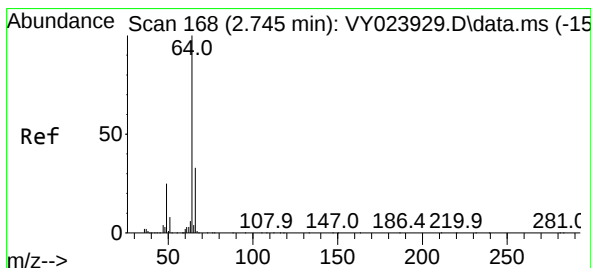
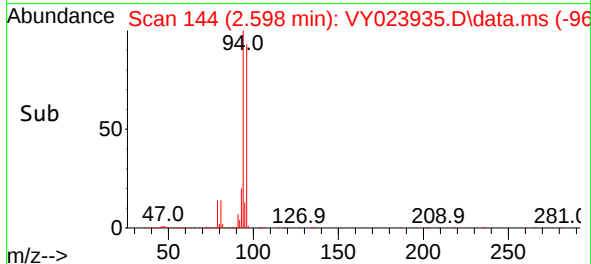
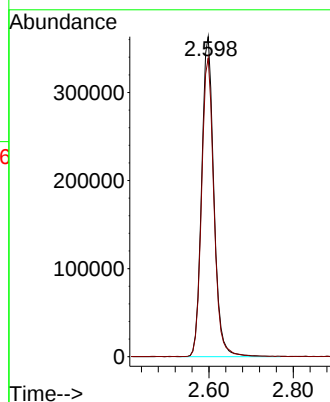
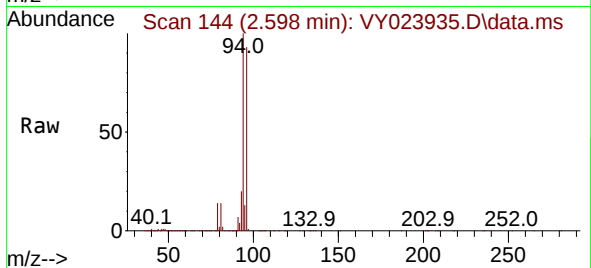




#5
Bromomethane
Concen: 142.218 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023935.D
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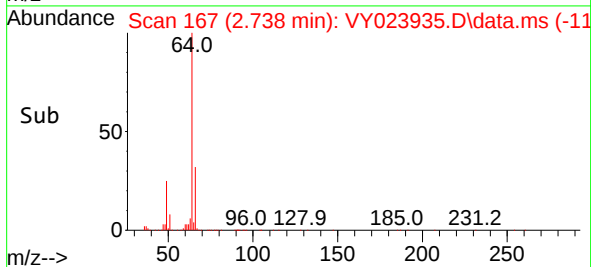
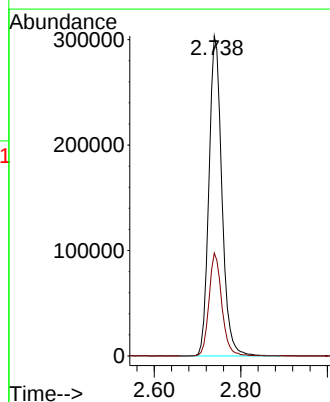
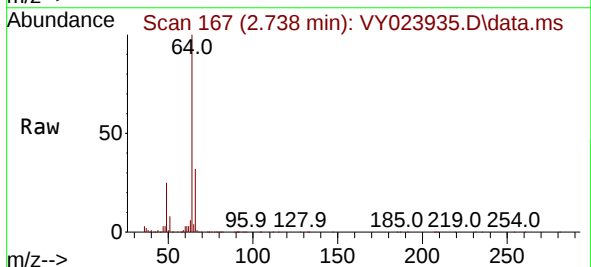
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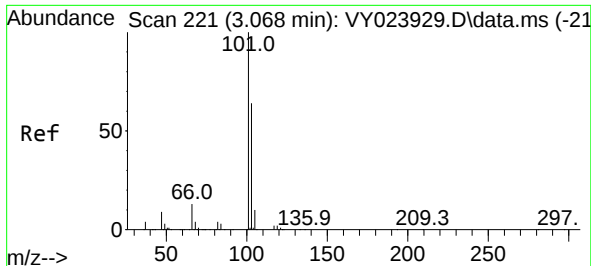
Tgt Ion: 94 Resp: 733318
Ion Ratio Lower Upper
94 100
96 93.3 74.8 112.2



#6
Chloroethane
Concen: 147.505 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.006 min
Lab File: VY023935.D
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Tgt Ion: 64 Resp: 629431
Ion Ratio Lower Upper
64 100
66 32.2 26.0 39.0

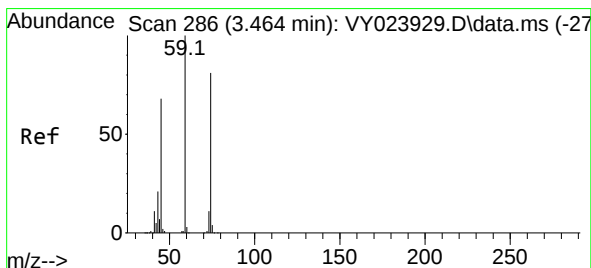
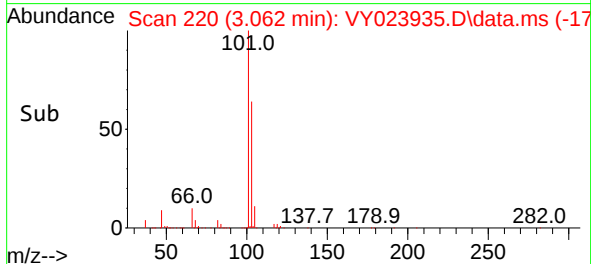
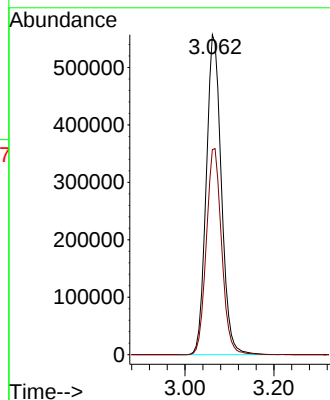
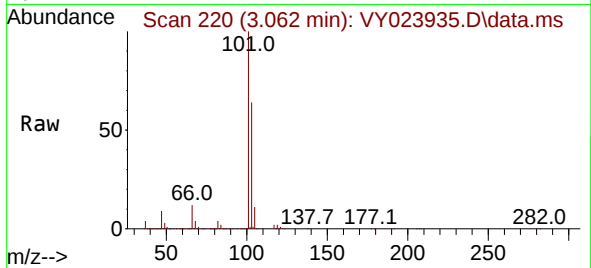




#7
Trichlorofluoromethane
Concen: 145.215 ug/l
RT: 3.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

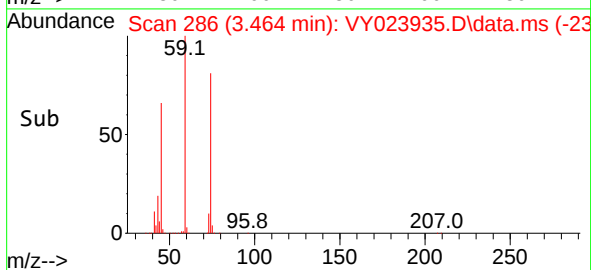
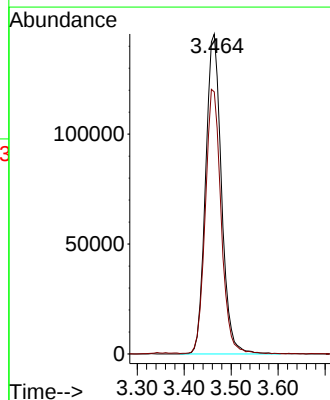
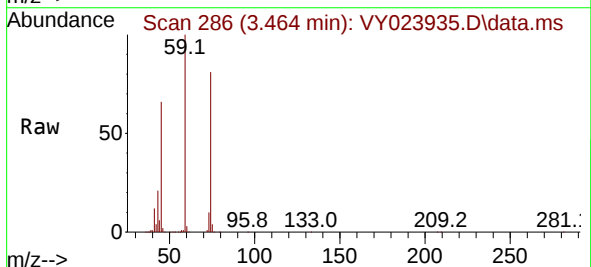
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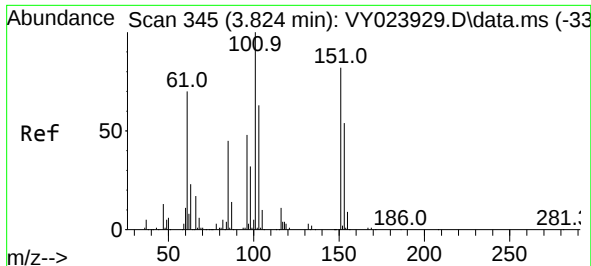
Tgt Ion:101 Resp: 1324063
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2



#8
Diethyl Ether
Concen: 136.164 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
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Acq: 10 Dec 2025 13:11

Tgt Ion: 74 Resp: 341074
Ion Ratio Lower Upper
74 100
45 82.6 42.0 126.1

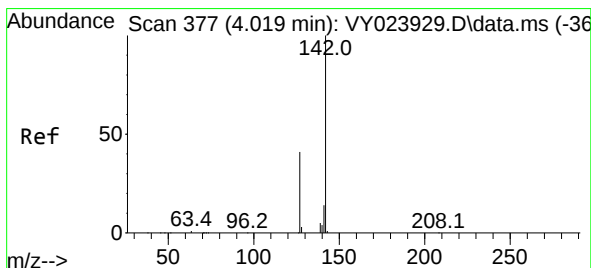
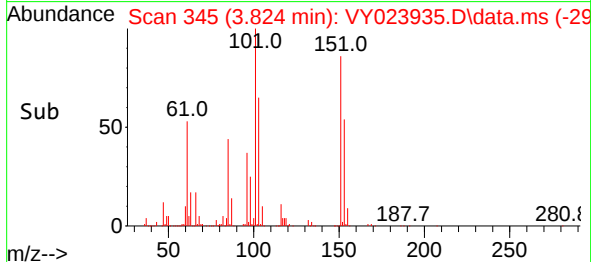
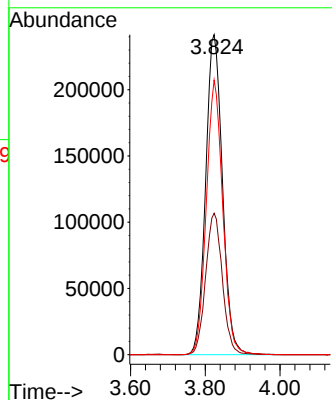
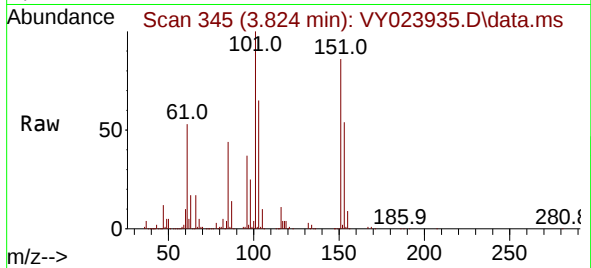




#9
1,1,2-Trichlorotrifluoroethane
Concen: 141.653 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

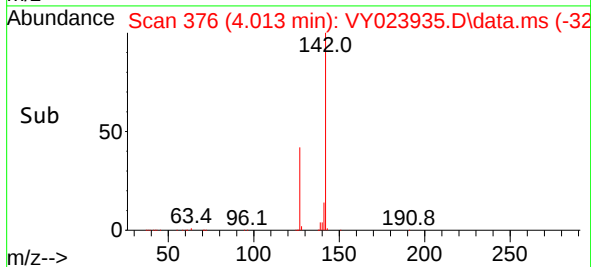
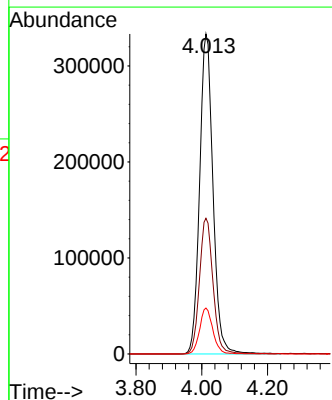
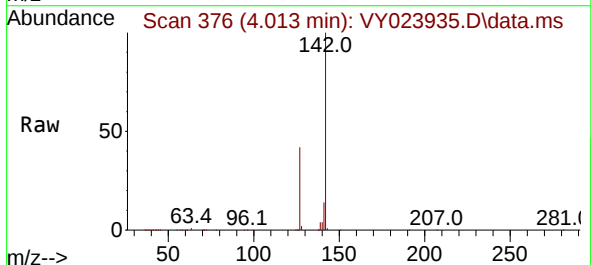
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

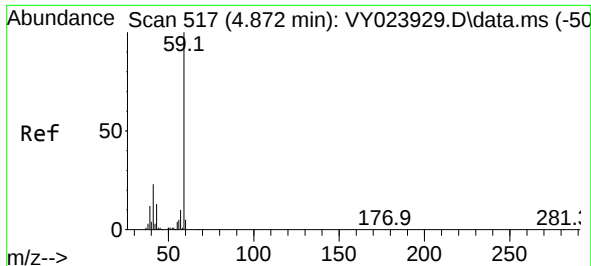
Tgt Ion:101 Resp: 752713
Ion Ratio Lower Upper
101 100
85 44.1 35.1 52.7
151 84.0 67.2 100.8



#10
Methyl Iodide
Concen: 143.758 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion:142 Resp: 940732
Ion Ratio Lower Upper
142 100
127 43.1 34.5 51.7
141 14.3 11.5 17.3

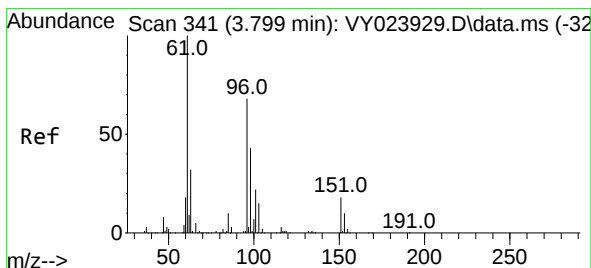
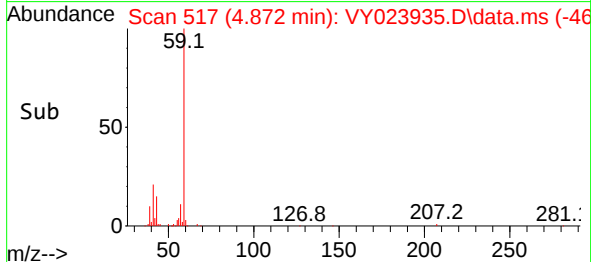
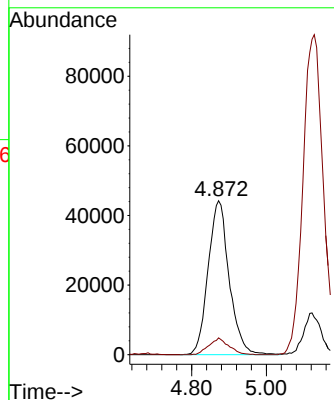
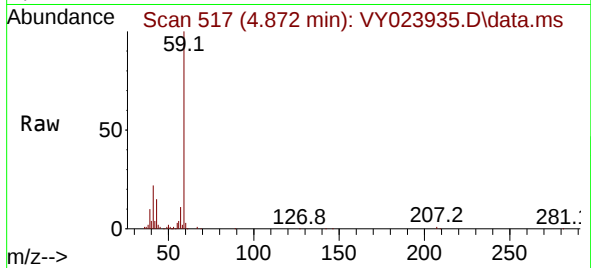




#11
Tert butyl alcohol
Concen: 613.520 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

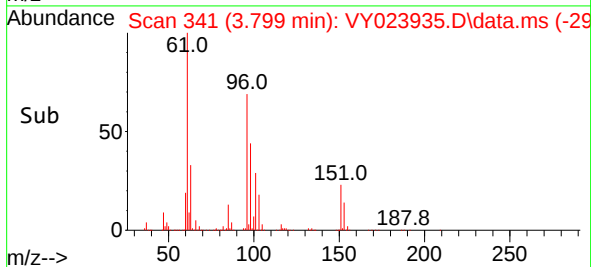
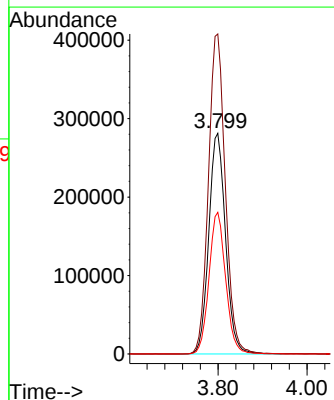
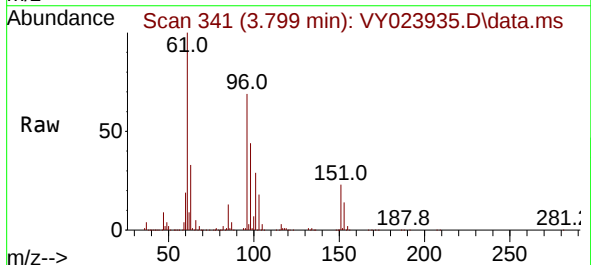
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

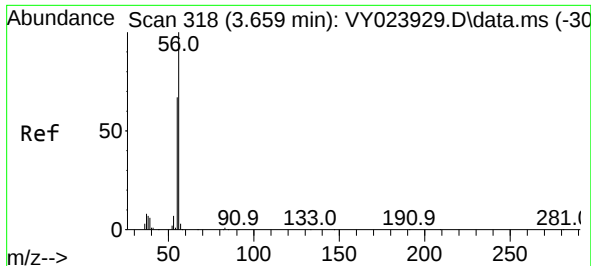
Tgt Ion: 59 Resp: 172812
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1



#12
1,1-Dichloroethene
Concen: 147.803 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 96 Resp: 737926
Ion Ratio Lower Upper
96 100
61 145.0 117.0 175.6
98 64.2 50.5 75.7

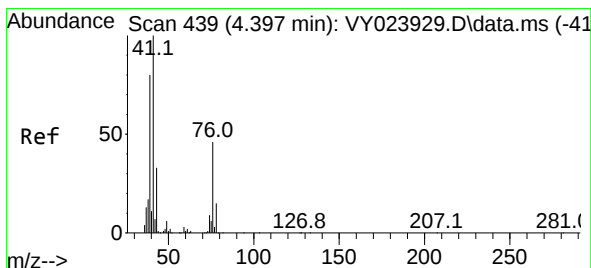
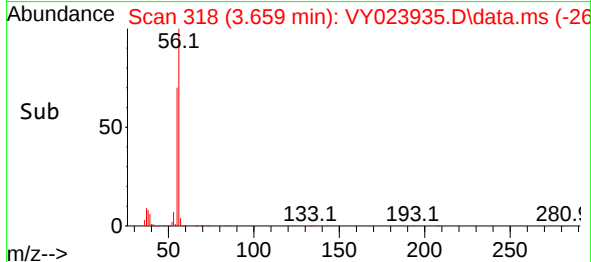
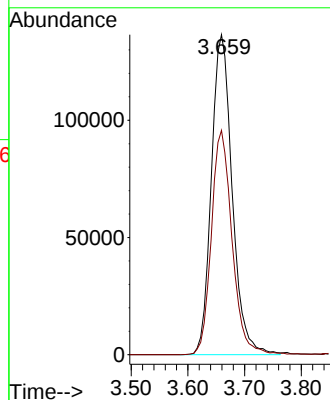
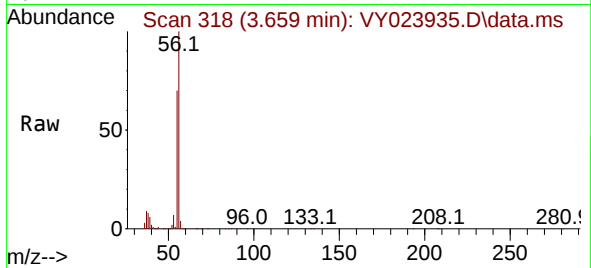




#13
Acrolein
Concen: 772.598 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

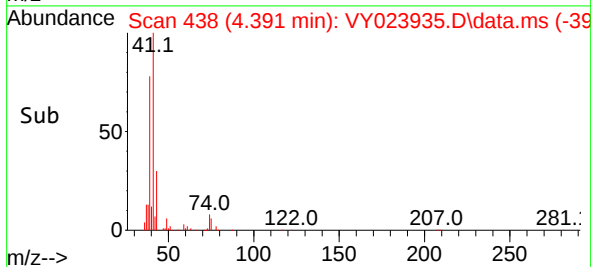
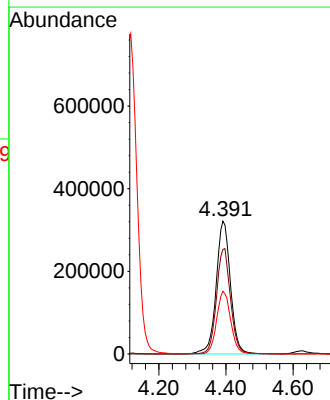
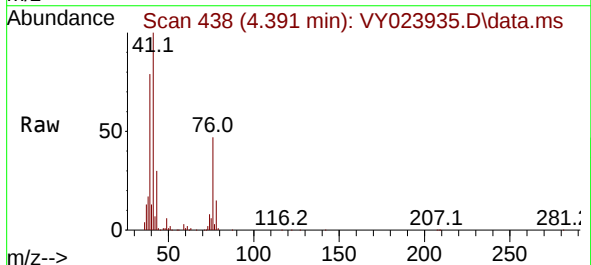
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

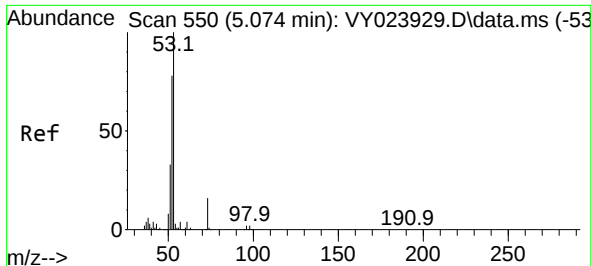
Tgt Ion: 56 Resp: 348054
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5



#14
Allyl chloride
Concen: 149.107 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 41 Resp: 952540
Ion Ratio Lower Upper
41 100
39 77.8 62.9 94.3
76 45.9 35.7 53.5

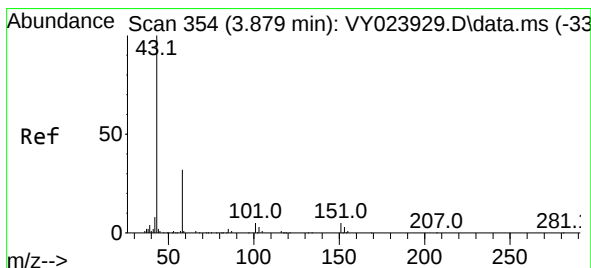
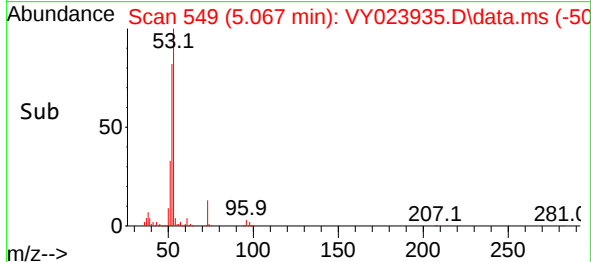
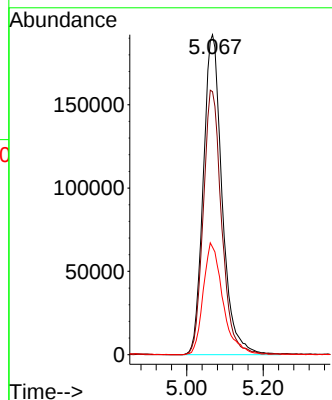
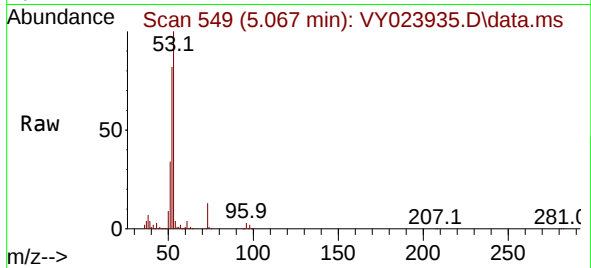




#15
Acrylonitrile
Concen: 657.899 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

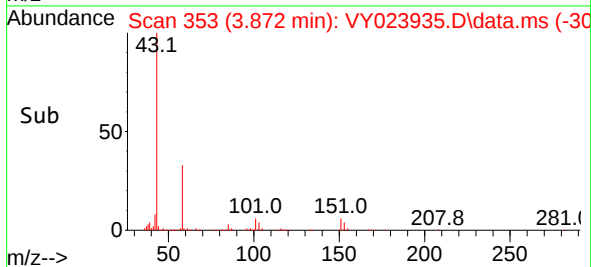
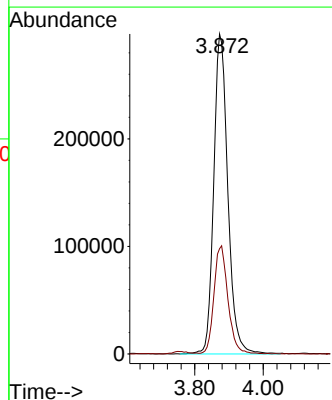
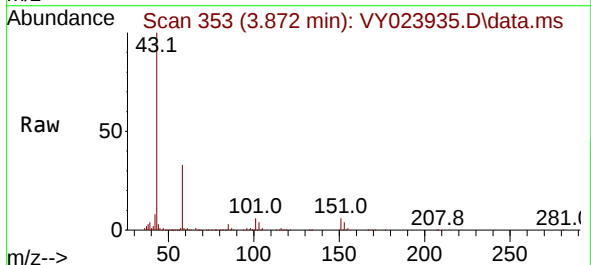
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

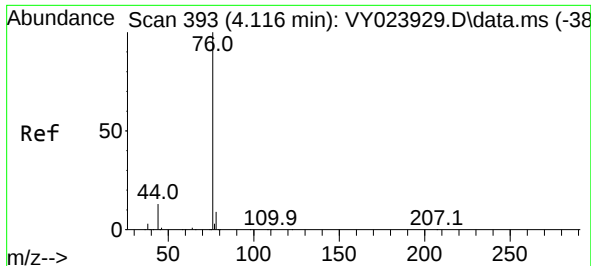
Tgt Ion: 53 Resp: 656584
Ion Ratio Lower Upper
53 100
52 80.8 64.2 96.2
51 36.5 29.3 43.9



#16
Acetone
Concen: 740.247 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 43 Resp: 850500
Ion Ratio Lower Upper
43 100
58 32.8 26.4 39.6

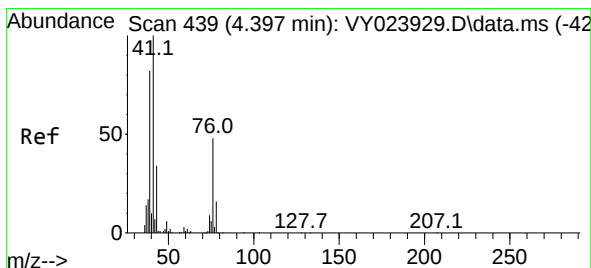
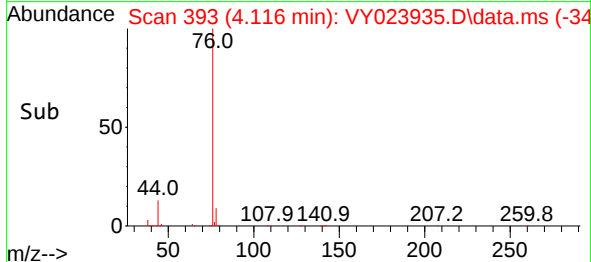
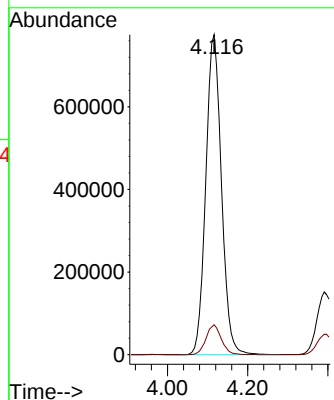
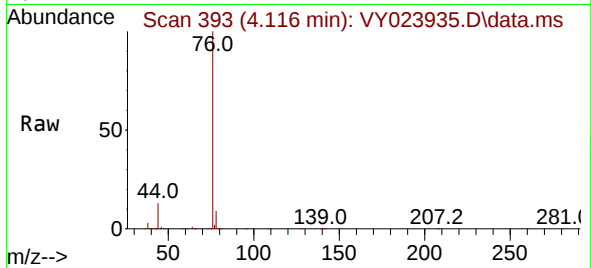




#17
Carbon Disulfide
Concen: 158.042 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

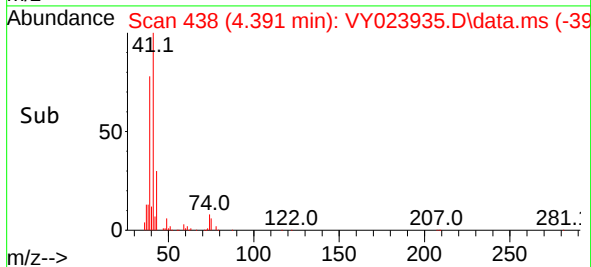
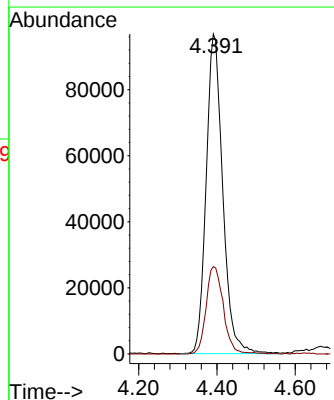
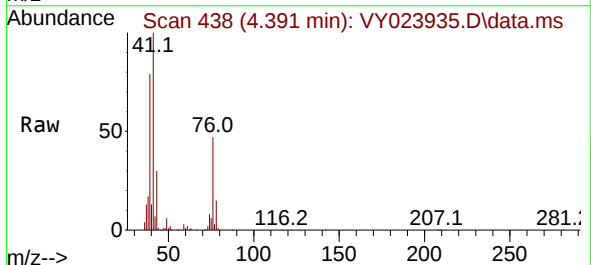
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

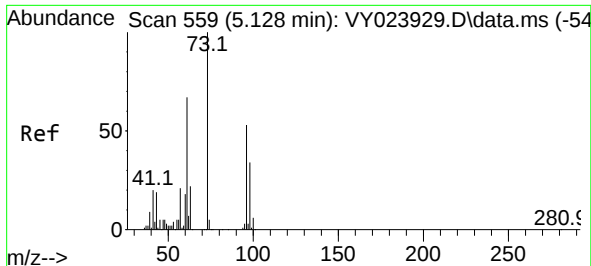
Tgt Ion: 76 Resp: 2095414
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 128.940 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 43 Resp: 283772
Ion Ratio Lower Upper
43 100
74 28.4 22.6 33.8

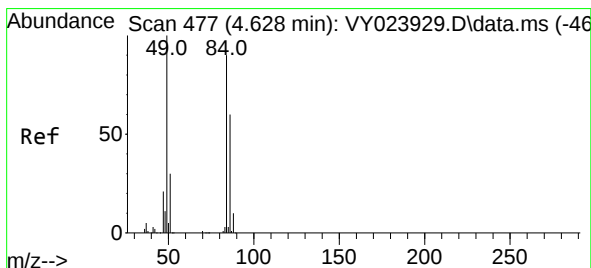
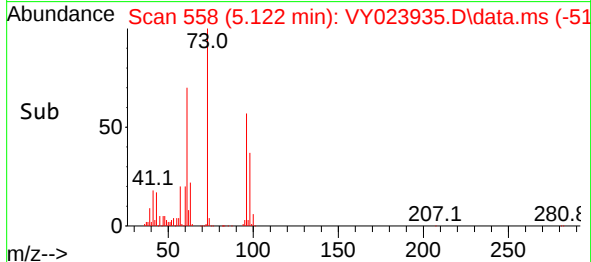
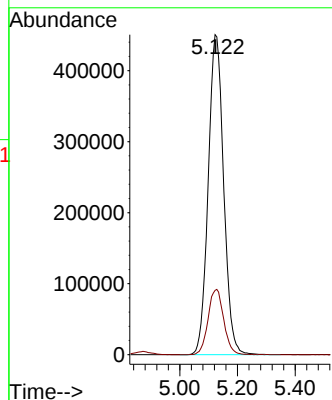
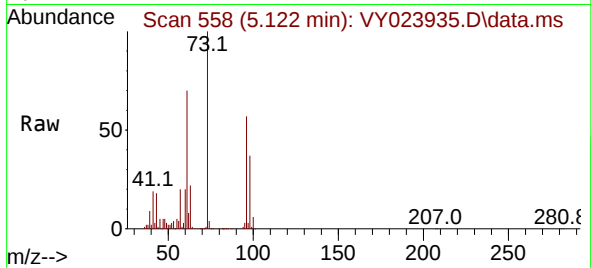




#19
Methyl tert-butyl Ether
Concen: 140.001 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

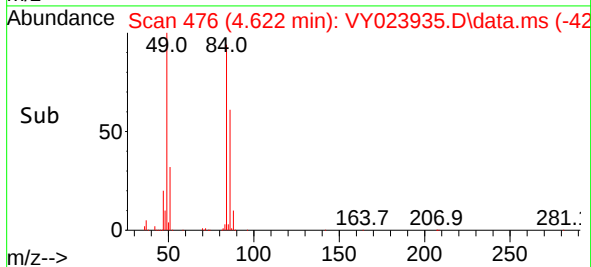
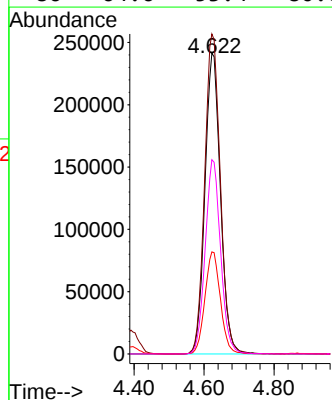
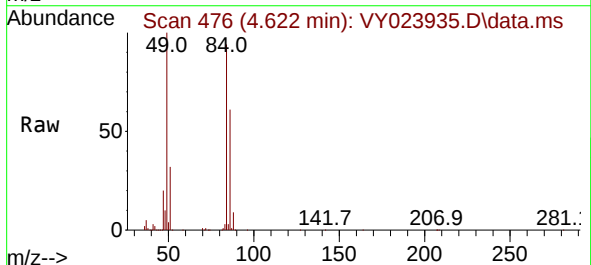
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

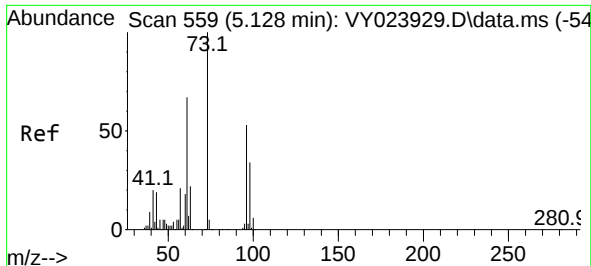
Tgt Ion: 73 Resp: 1671514
Ion Ratio Lower Upper
73 100
57 20.1 17.1 25.7



#20
Methylene Chloride
Concen: 129.749 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 84 Resp: 742488
Ion Ratio Lower Upper
84 100
49 106.4 89.1 133.7
51 33.9 26.6 39.8
86 64.6 53.4 80.0

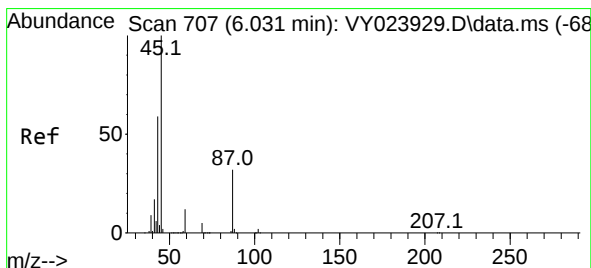
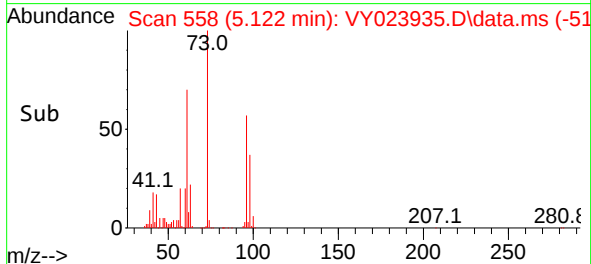
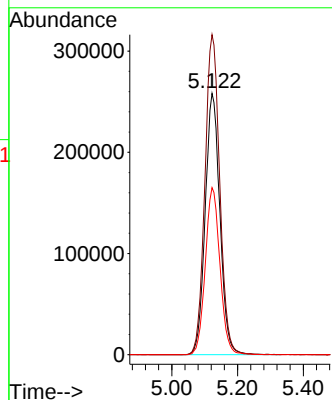
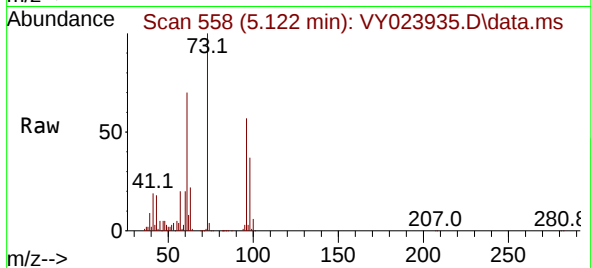




#21
trans-1,2-Dichloroethene
Concen: 146.214 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

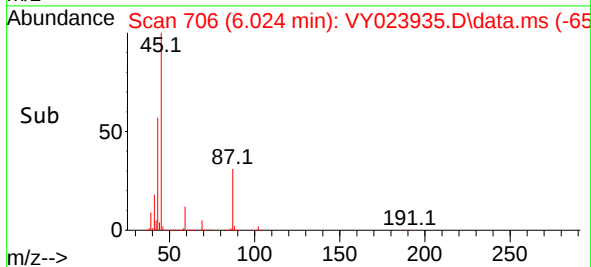
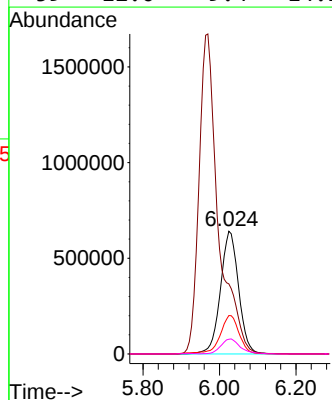
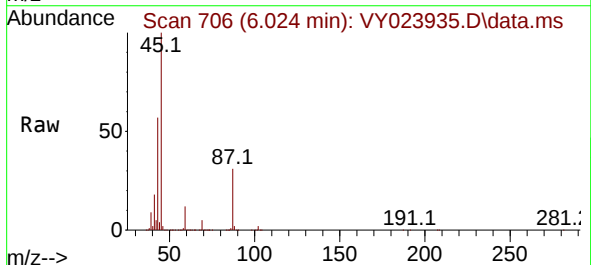
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

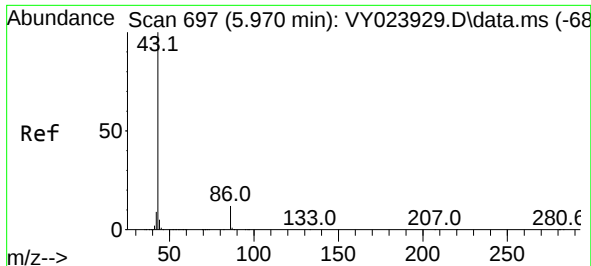
Tgt Ion: 96 Resp: 801384
Ion Ratio Lower Upper
96 100
61 122.4 101.4 152.0
98 63.9 51.7 77.5



#22
Diisopropyl ether
Concen: 145.390 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 45 Resp: 2114937
Ion Ratio Lower Upper
45 100
43 57.0 47.0 70.6
87 31.2 26.0 39.0
59 12.0 9.4 14.2

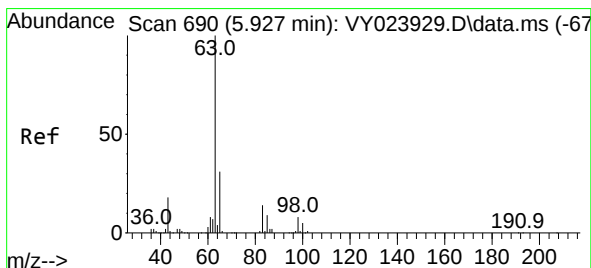
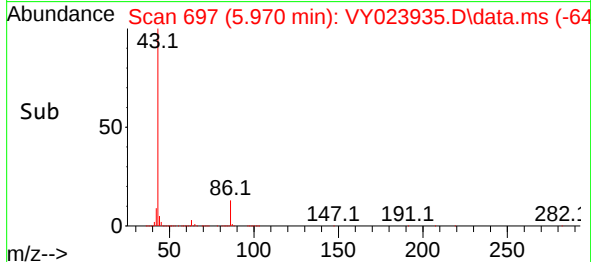
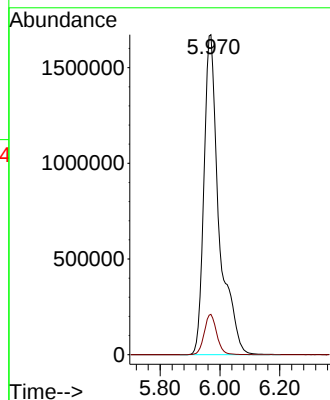
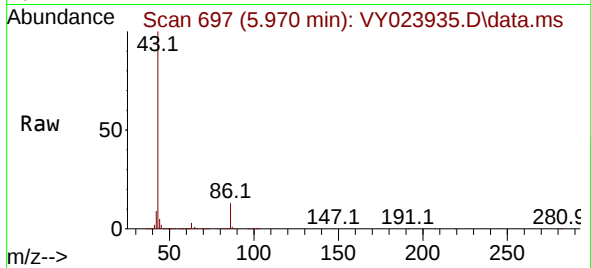




#23
 Vinyl Acetate
 Concen: 727.031 ug/l
 RT: 5.970 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY023935.D
 Acq: 10 Dec 2025 13:11

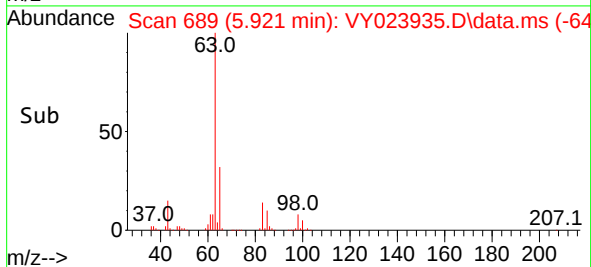
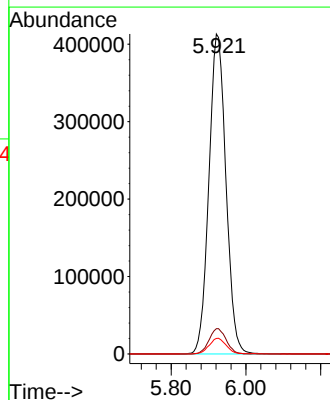
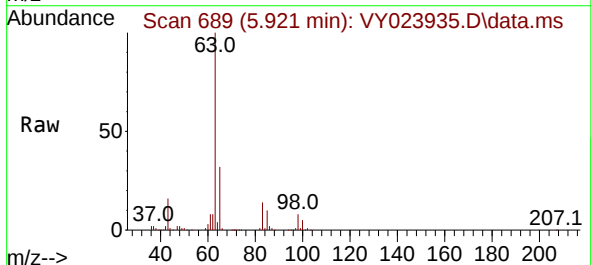
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

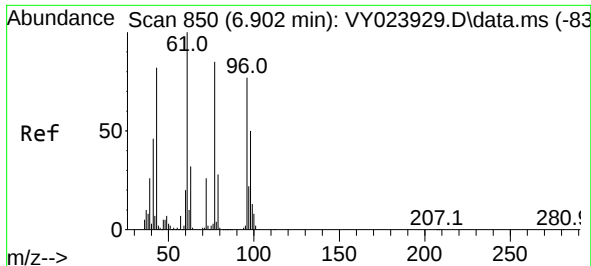
Tgt Ion: 43 Resp: 5876308
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 144.086 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY023935.D
 Acq: 10 Dec 2025 13:11

Tgt Ion: 63 Resp: 1306419
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 4.9 2.3 6.9

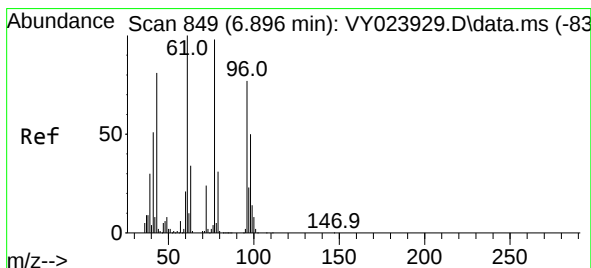
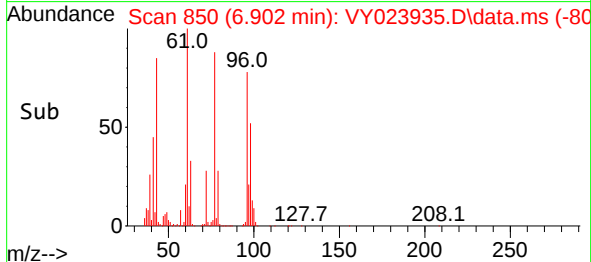
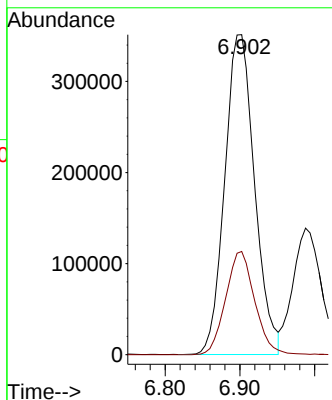
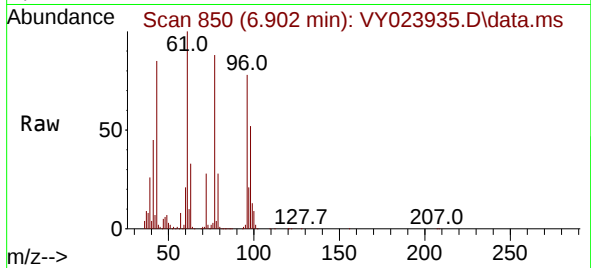




#25
2-Butanone
Concen: 649.503 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

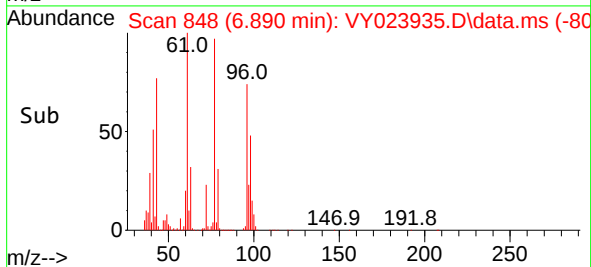
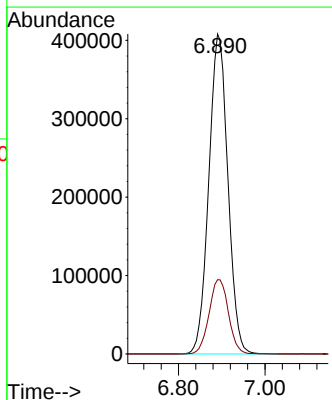
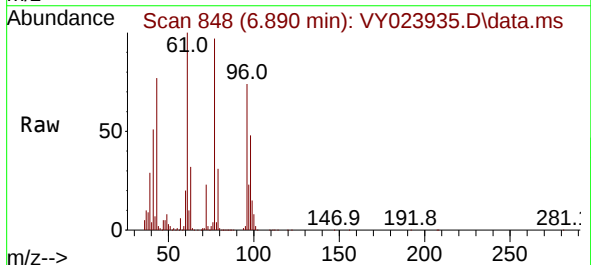
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

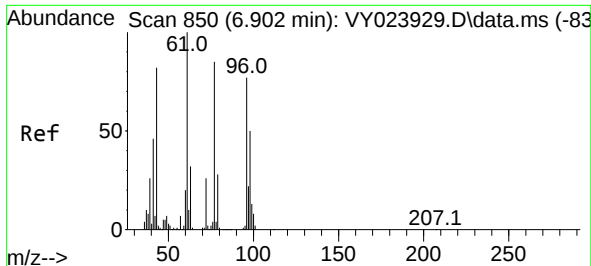
Tgt Ion: 43 Resp: 976364
Ion Ratio Lower Upper
43 100
72 32.3 25.0 37.6



#26
2,2-Dichloropropane
Concen: 147.462 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 77 Resp: 1248403
Ion Ratio Lower Upper
77 100
97 23.6 11.9 35.9

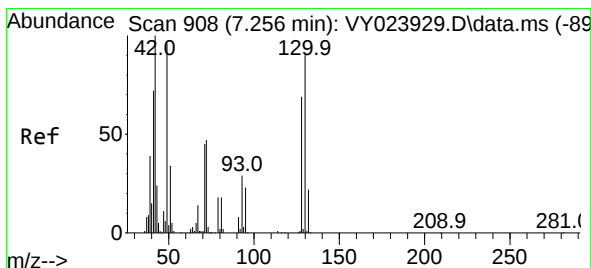
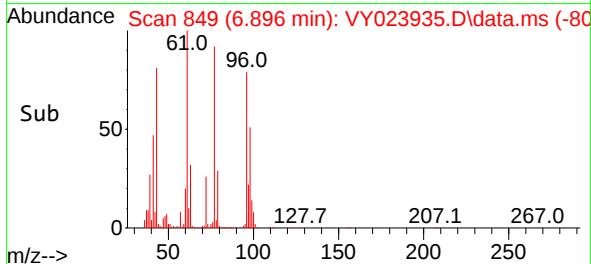
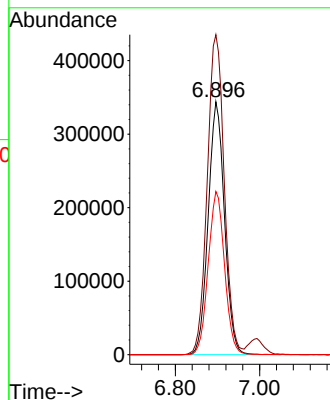
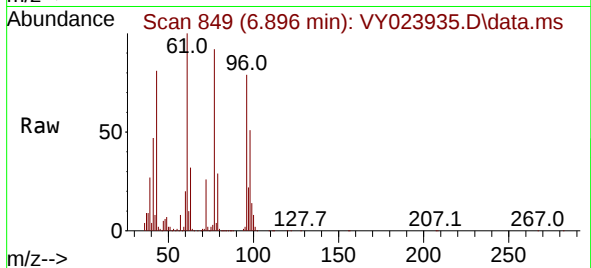




#27
 cis-1,2-Dichloroethene
 Concen: 147.117 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY023935.D
 Acq: 10 Dec 2025 13:11

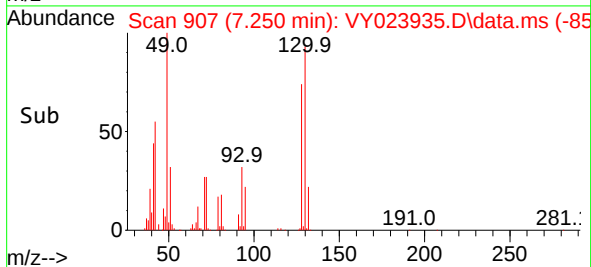
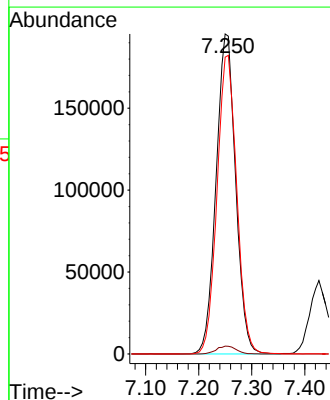
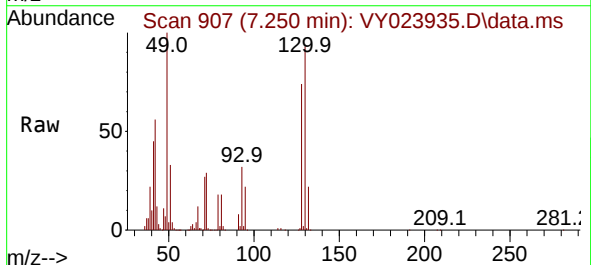
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

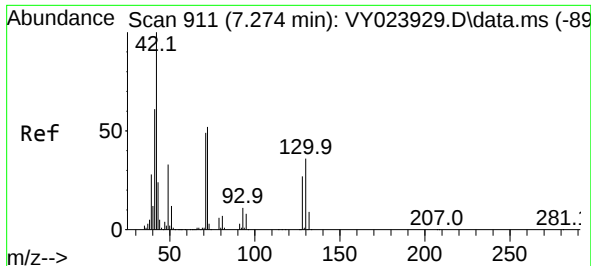
Tgt Ion: 96 Resp: 925640
 Ion Ratio Lower Upper
 96 100
 61 132.2 0.0 264.6
 98 64.8 0.0 129.6



#28
 Bromochloromethane
 Concen: 146.371 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VY023935.D
 Acq: 10 Dec 2025 13:11

Tgt Ion: 49 Resp: 499972
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.4
 130 93.9 74.4 111.6





#29

Tetrahydrofuran

Concen: 668.779 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

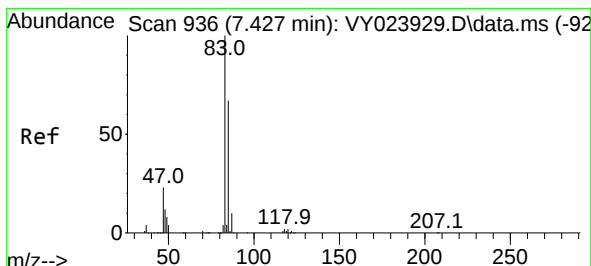
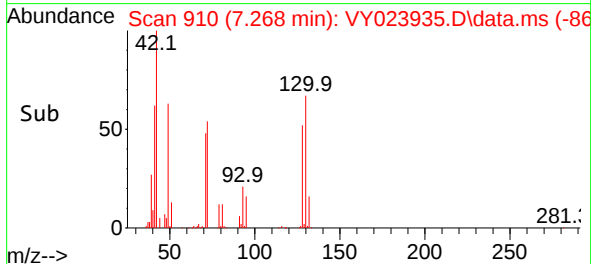
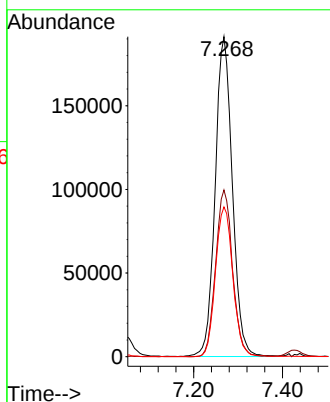
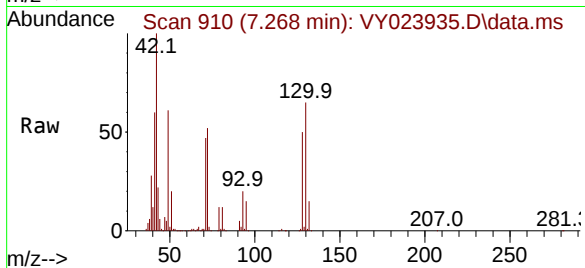
Tgt Ion: 42 Resp: 512720

Ion Ratio Lower Upper

42 100

72 51.5 40.0 60.0

71 47.3 37.7 56.5



#30

Chloroform

Concen: 139.708 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY023935.D

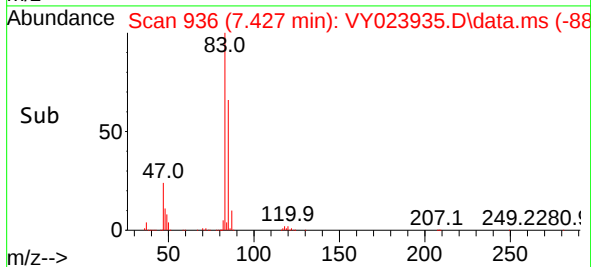
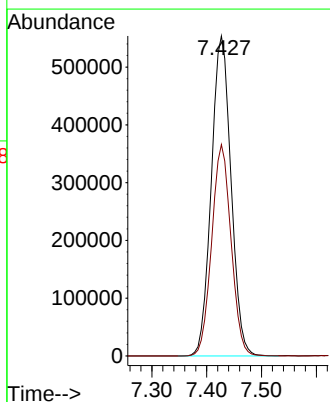
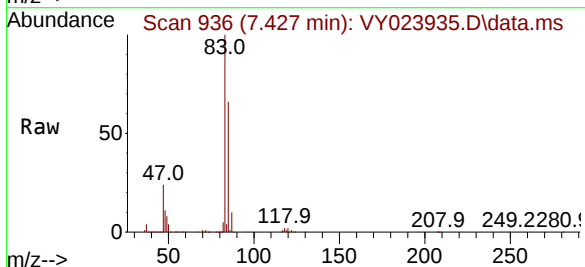
Acq: 10 Dec 2025 13:11

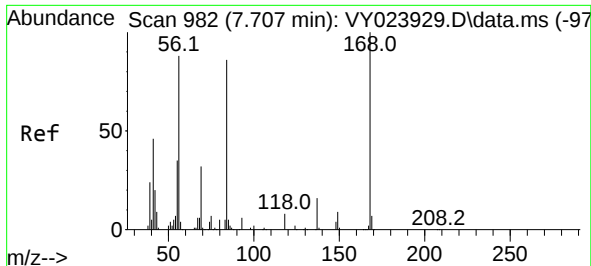
Tgt Ion: 83 Resp: 1383701

Ion Ratio Lower Upper

83 100

85 66.1 53.4 80.0

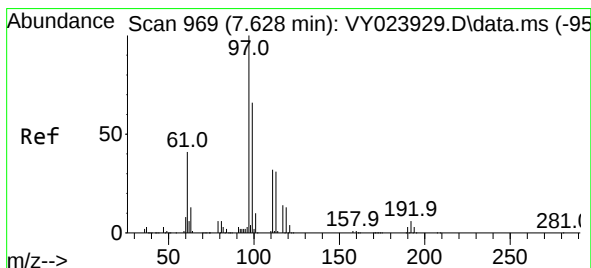
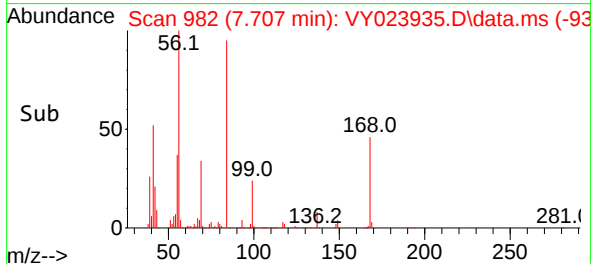
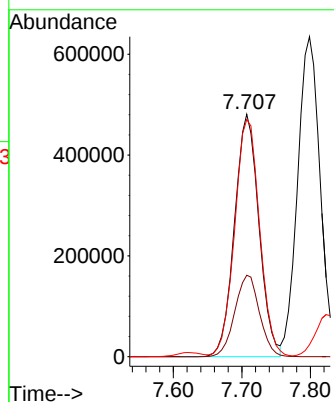
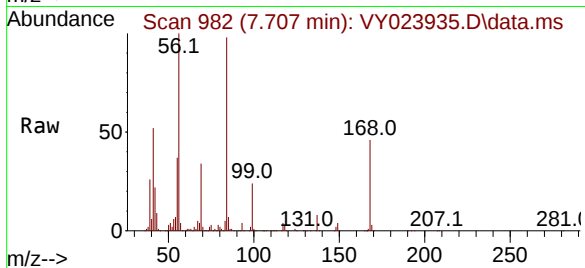




#31
Cyclohexane
Concen: 143.168 ug/l
RT: 7.707 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

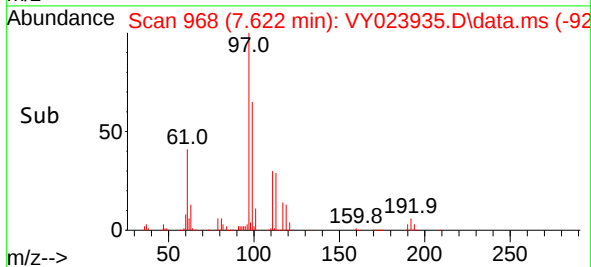
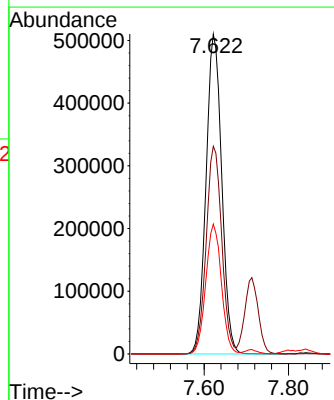
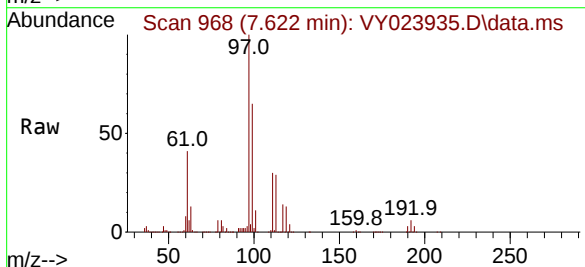
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

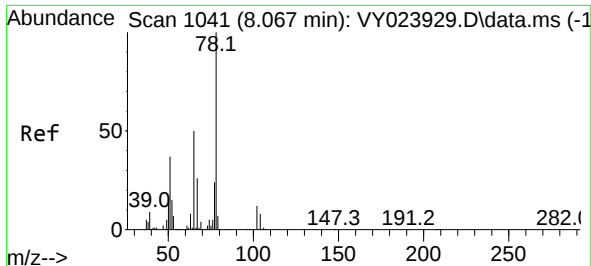
Tgt Ion: 56 Resp: 1194301
Ion Ratio Lower Upper
56 100
69 33.6 29.1 43.7
84 96.6 77.8 116.8



#32
1,1,1-Trichloroethane
Concen: 143.683 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 97 Resp: 1319639
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 40.5 32.8 49.2





#33

1,2-Dichloroethane-d4

Concen: 125.997 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

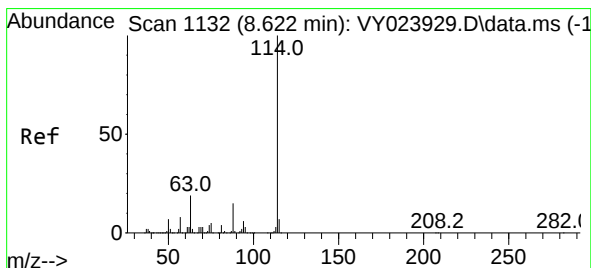
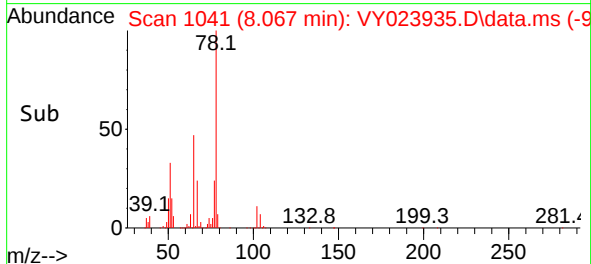
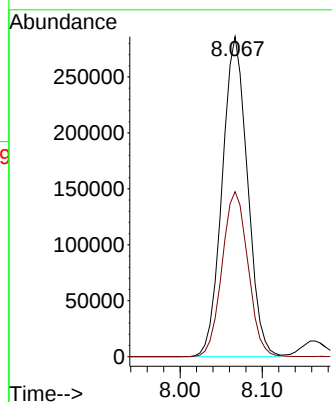
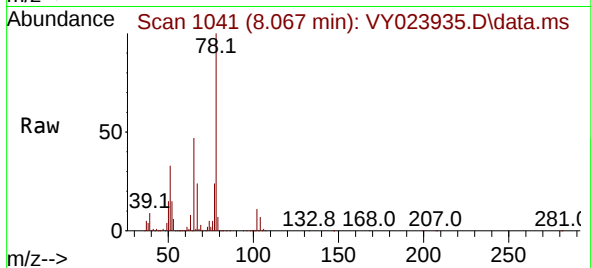
VSTDIC150

Tgt Ion: 65 Resp: 612884

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

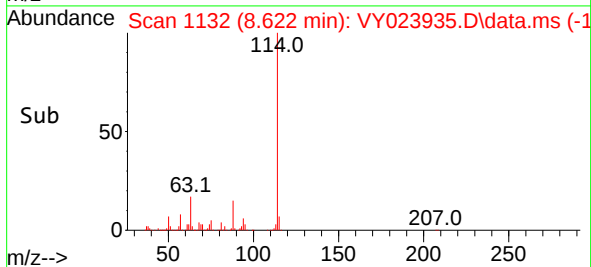
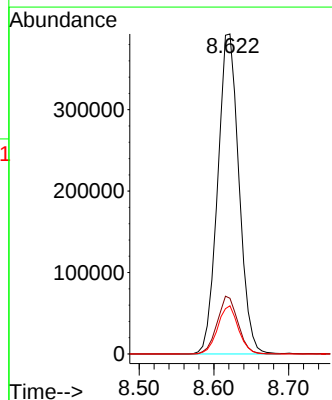
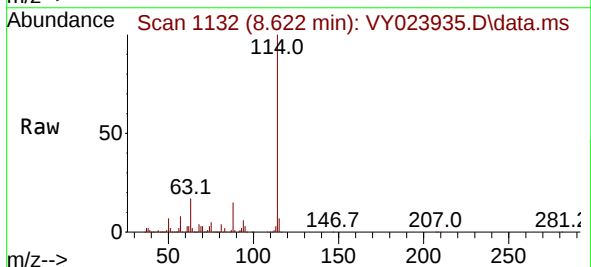
Tgt Ion: 114 Resp: 778493

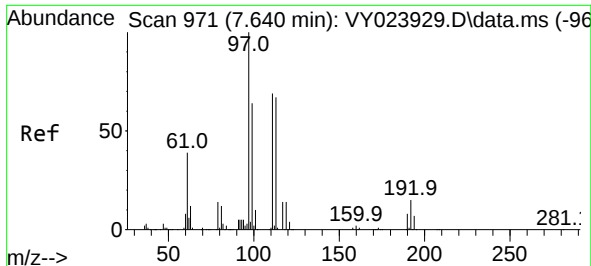
Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.2

88 15.1 0.0 29.4

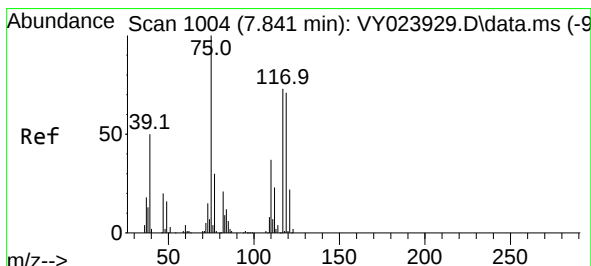
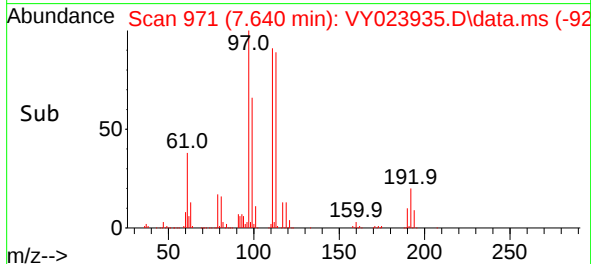
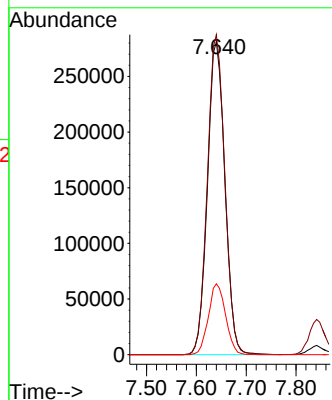
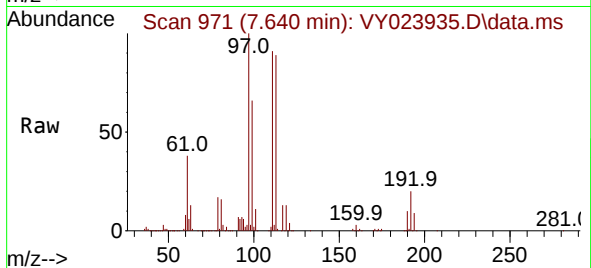




#35
Dibromofluoromethane
Concen: 134.390 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

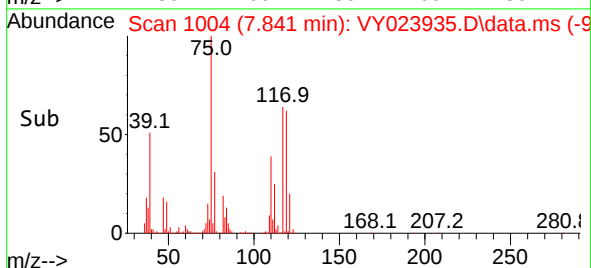
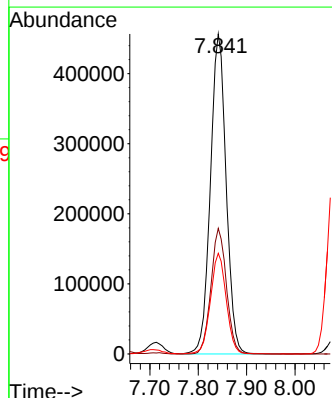
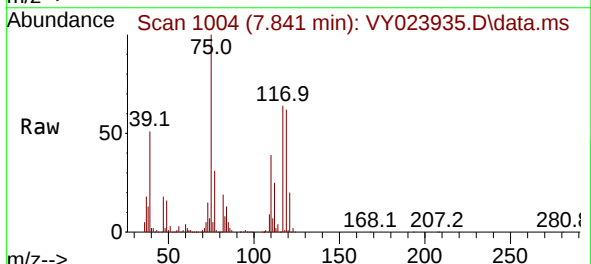
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

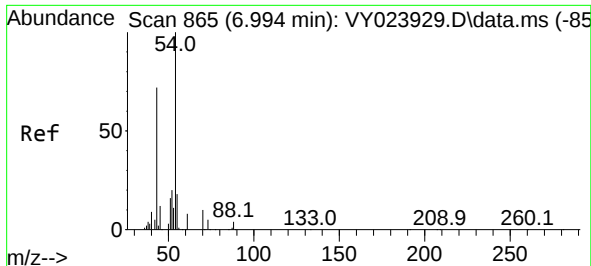
Tgt Ion:113 Resp: 683899
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 22.4 17.9 26.9



#36
1,1-Dichloropropene
Concen: 148.961 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 75 Resp: 1032023
Ion Ratio Lower Upper
75 100
110 38.6 19.2 57.6
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 133.523 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

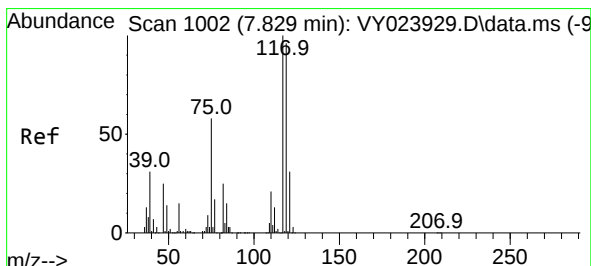
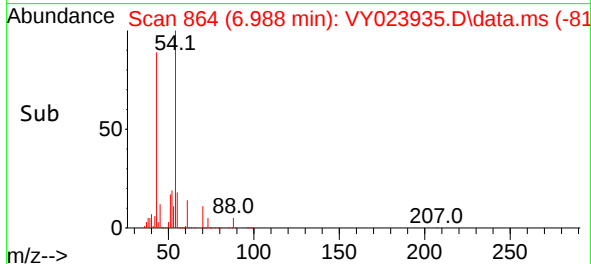
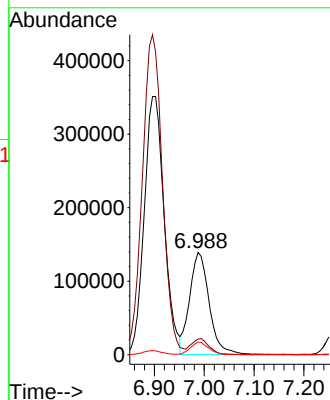
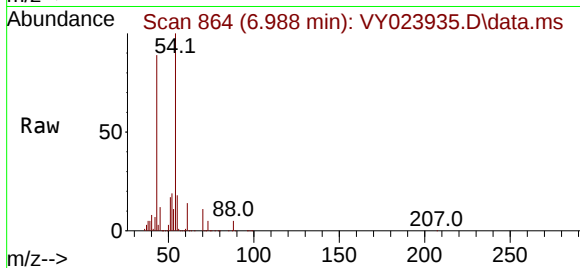
Tgt Ion: 43 Resp: 376695

Ion Ratio Lower Upper

43 100

61 14.2 11.9 17.9

70 11.7 9.2 13.8



#38

Carbon Tetrachloride

Concen: 146.229 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

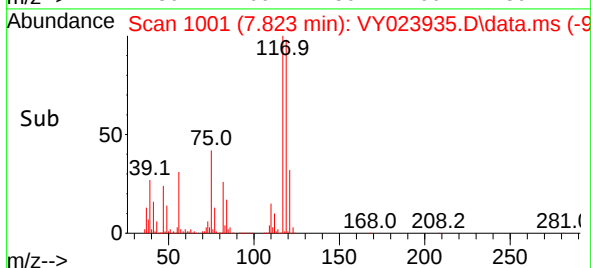
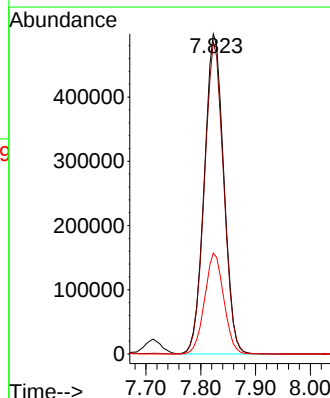
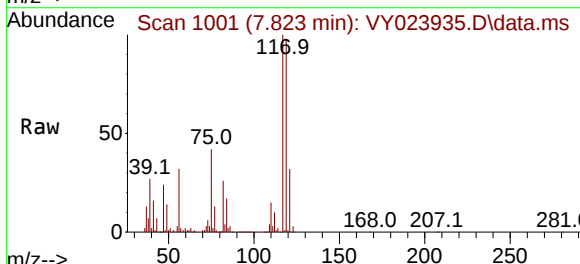
Tgt Ion: 117 Resp: 1227964

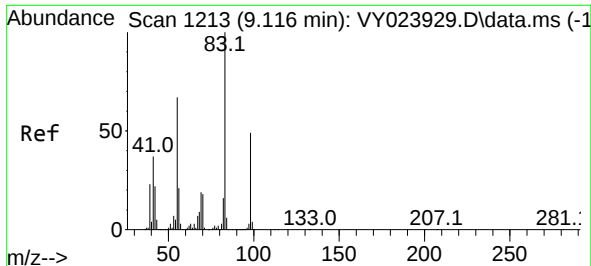
Ion Ratio Lower Upper

117 100

119 97.5 76.6 114.8

121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 155.853 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

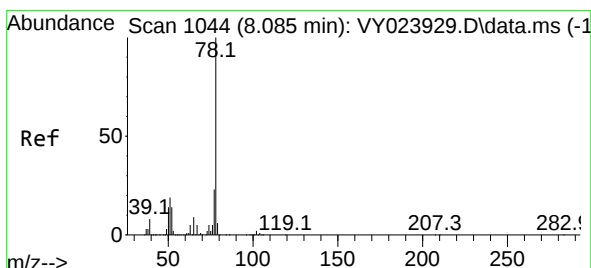
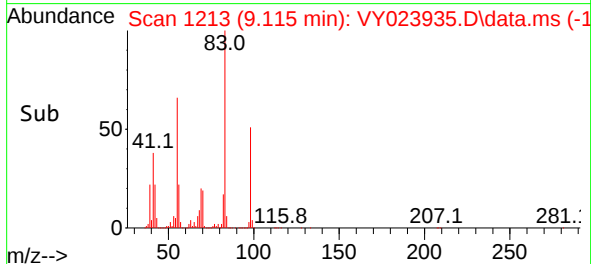
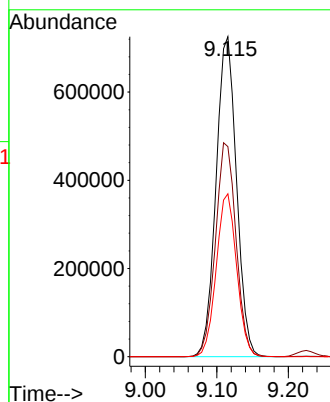
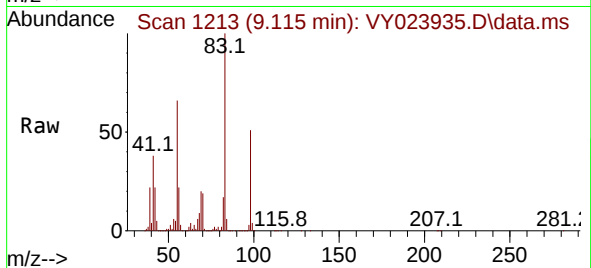
MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 1442596

Ion	Ratio	Lower	Upper
83	100		
55	65.7	53.4	80.0
98	50.9	39.2	58.8



#40

Benzene

Concen: 145.874 ug/l

RT: 8.085 min Scan# 1044

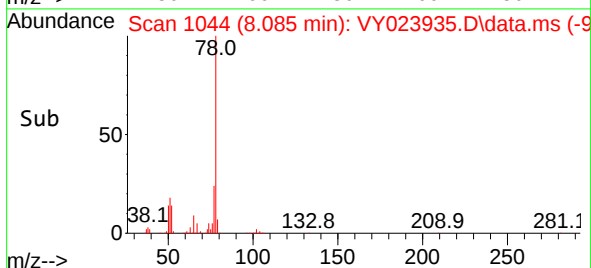
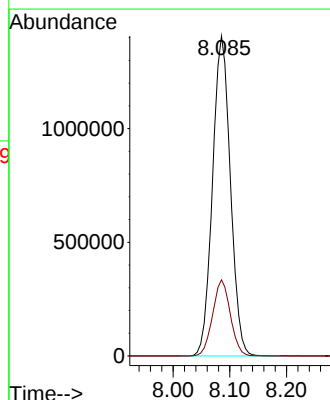
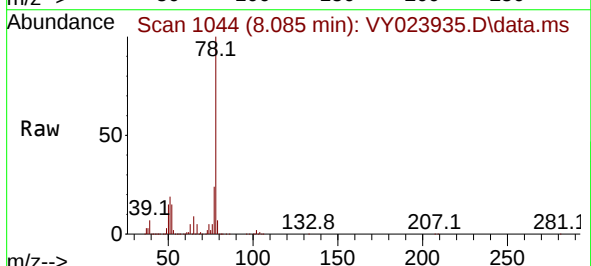
Delta R.T. -0.000 min

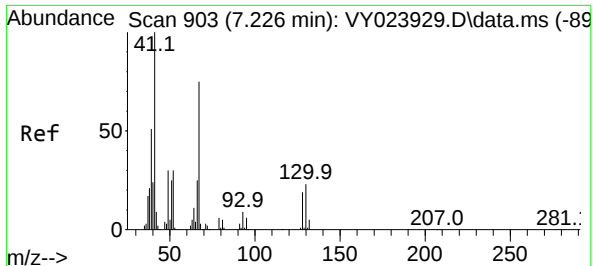
Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Tgt Ion: 78 Resp: 3077622

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5

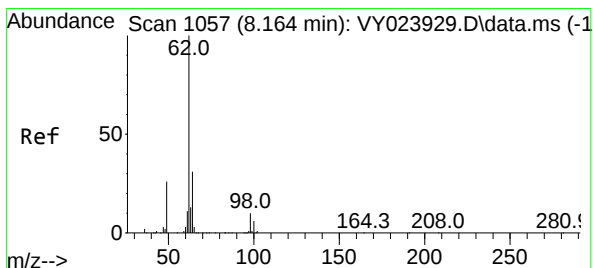
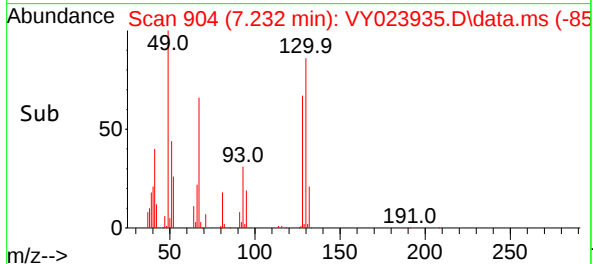
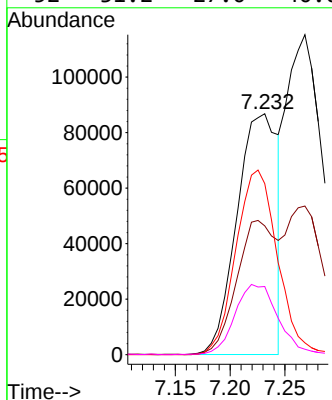
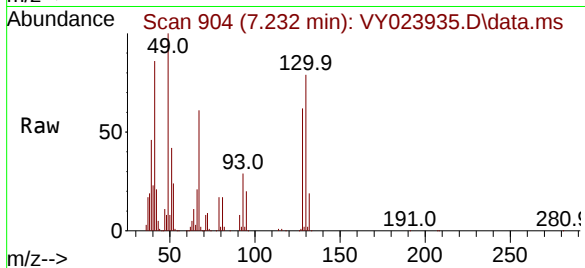




#41
Methacrylonitrile
Concen: 144.057 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

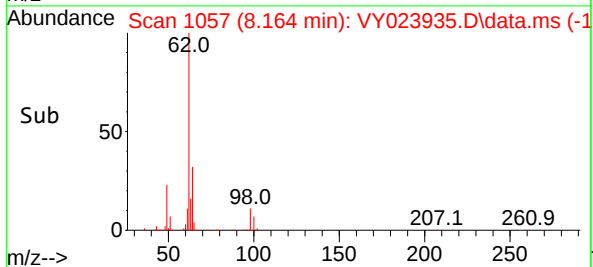
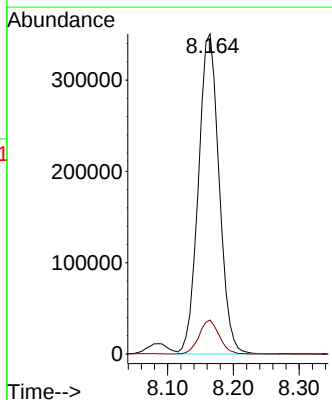
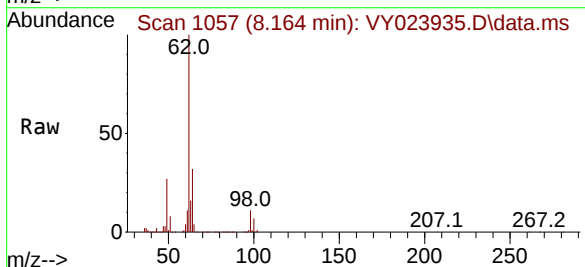
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

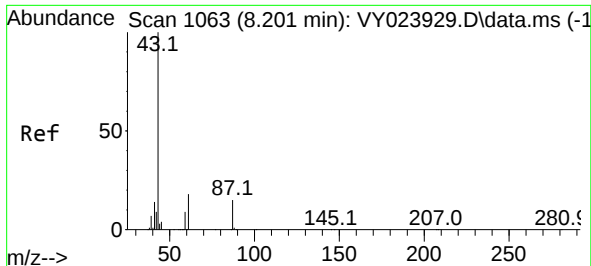
Tgt Ion: 41 Resp: 223579
Ion Ratio Lower Upper
41 100
39 54.5 50.6 75.8
67 79.1 68.0 102.0
52 31.2 27.0 40.6



#42
1,2-Dichloroethane
Concen: 138.499 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 62 Resp: 766261
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.8

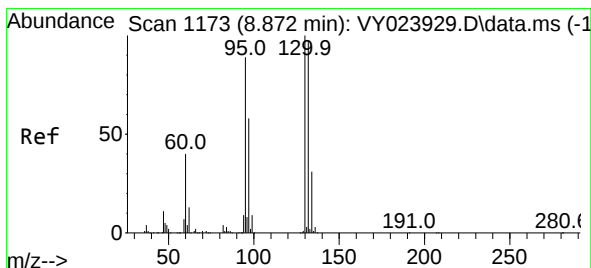
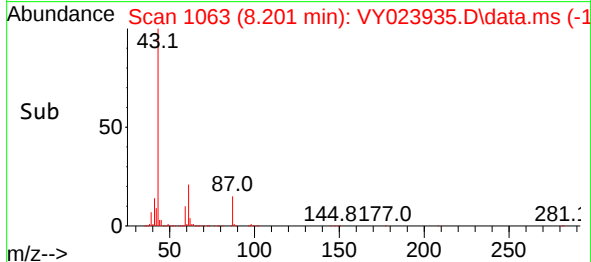
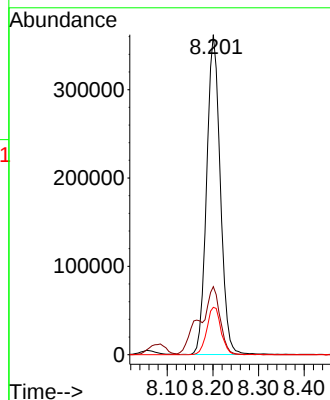
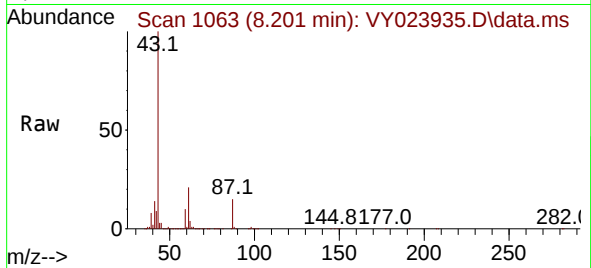




#43
Isopropyl Acetate
Concen: 141.017 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

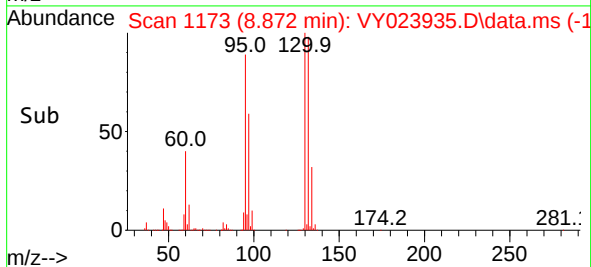
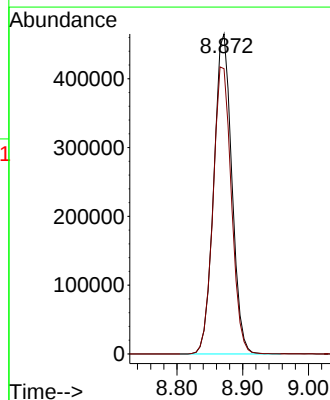
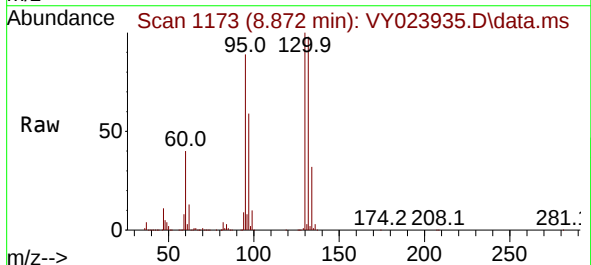
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

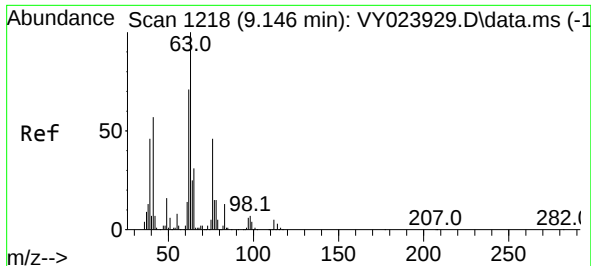
Tgt Ion: 43 Resp: 749274
Ion Ratio Lower Upper
43 100
61 20.7 17.4 26.2
87 15.4 12.3 18.5



#44
Trichloroethene
Concen: 145.111 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion:130 Resp: 887706
Ion Ratio Lower Upper
130 100
95 89.2 0.0 178.8

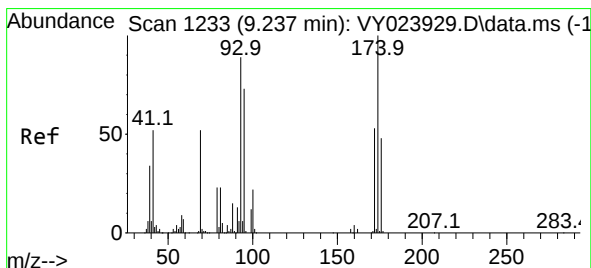
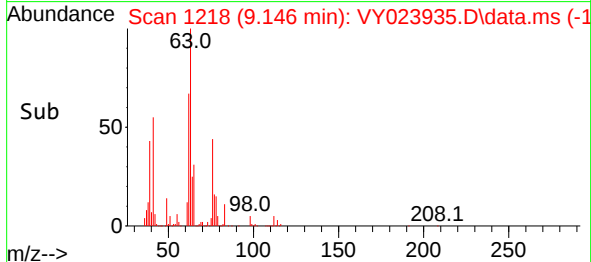
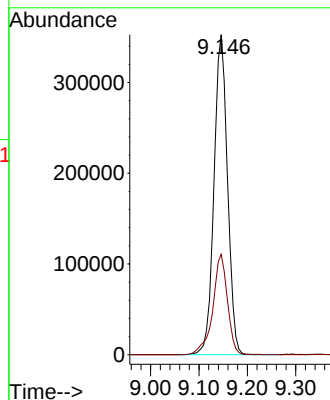
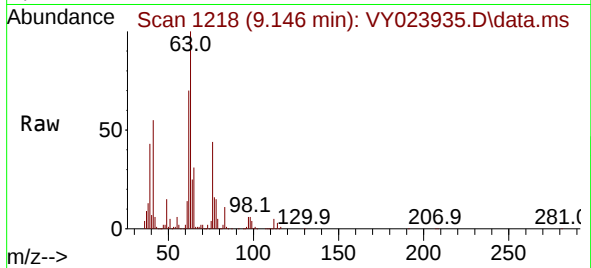




#45
1,2-Dichloropropane
Concen: 143.539 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

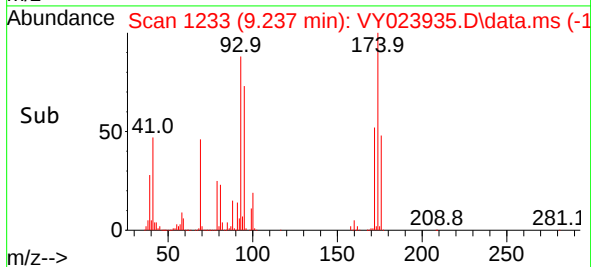
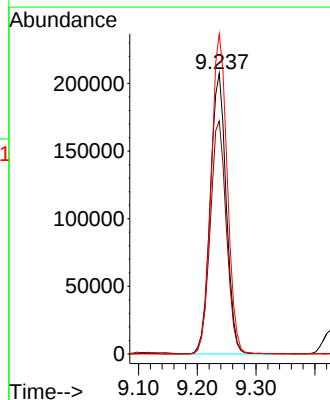
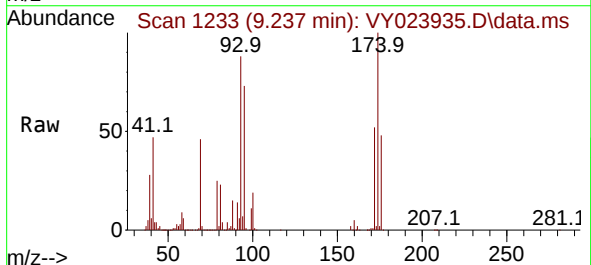
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

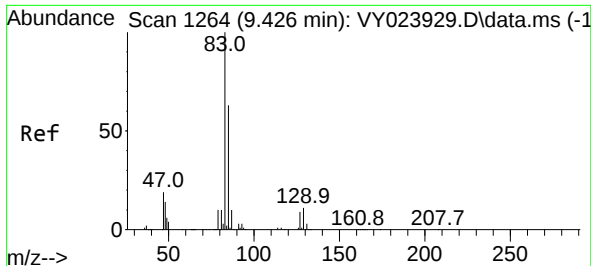
Tgt Ion: 63 Resp: 683270
Ion Ratio Lower Upper
63 100
65 31.4 25.1 37.7



#46
Dibromomethane
Concen: 140.041 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 93 Resp: 392623
Ion Ratio Lower Upper
93 100
95 83.5 65.1 97.7
174 114.1 90.6 136.0





#47

Bromodichloromethane

Concen: 141.124 ug/l

RT: 9.426 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

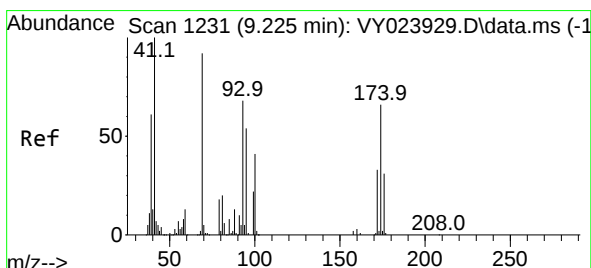
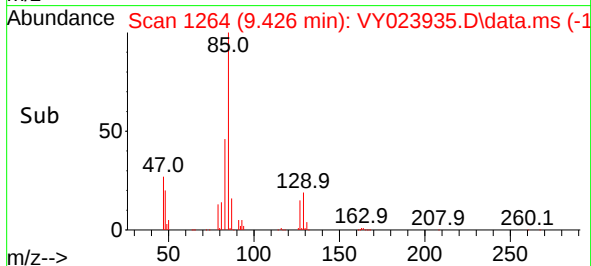
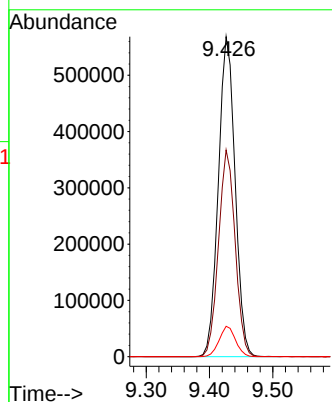
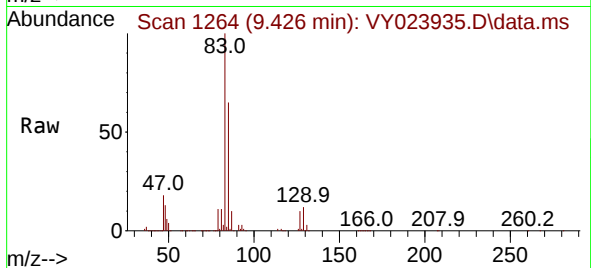
Tgt Ion: 83 Resp: 1040854

Ion Ratio Lower Upper

83 100

85 64.6 50.7 76.1

127 9.5 7.0 10.4



#48

Methyl methacrylate

Concen: 149.077 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

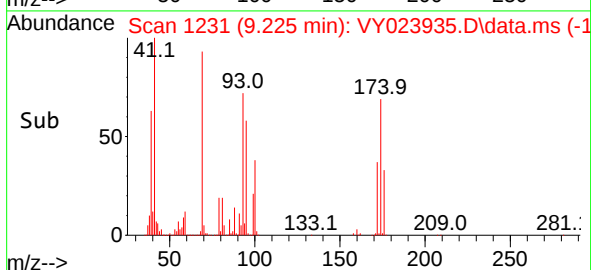
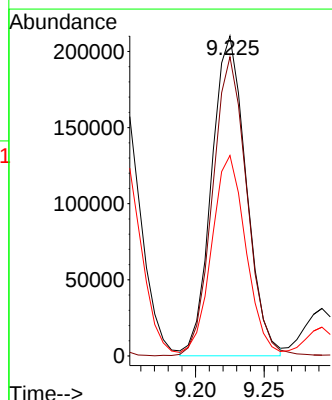
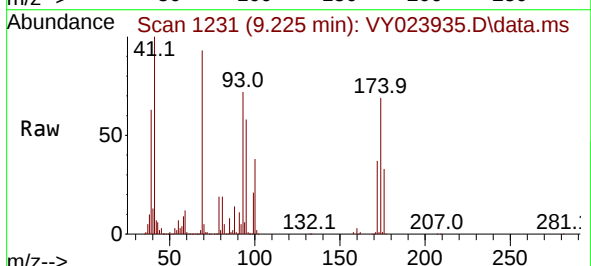
Tgt Ion: 41 Resp: 368745

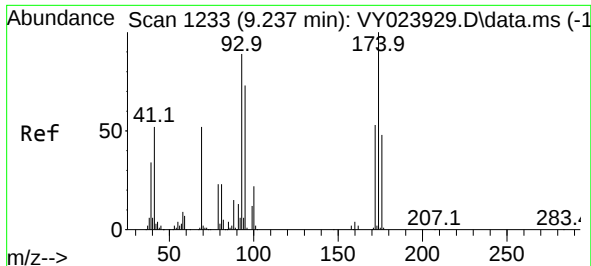
Ion Ratio Lower Upper

41 100

69 92.8 74.7 112.1

39 60.1 47.4 71.2





#49

1,4-Dioxane

Concen: 2630.383 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

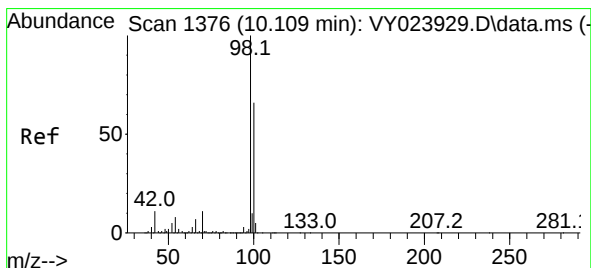
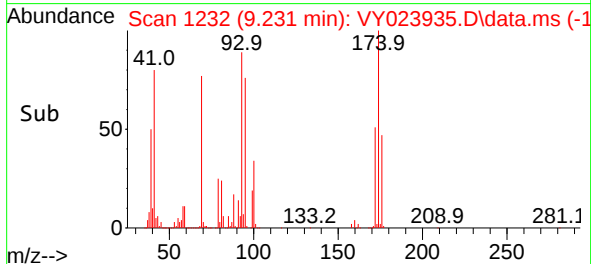
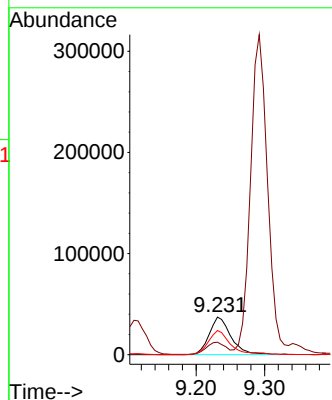
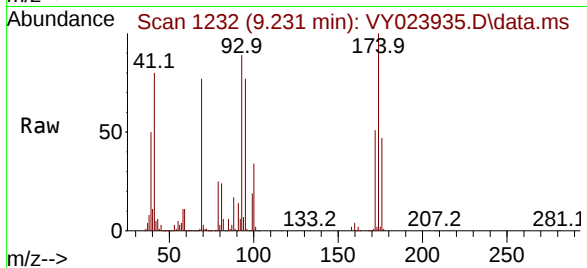
Tgt Ion: 88 Resp: 82215

Ion Ratio Lower Upper

88 100

43 28.5 22.3 33.5

58 65.9 52.3 78.5



#50

Toluene-d8

Concen: 136.437 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023935.D

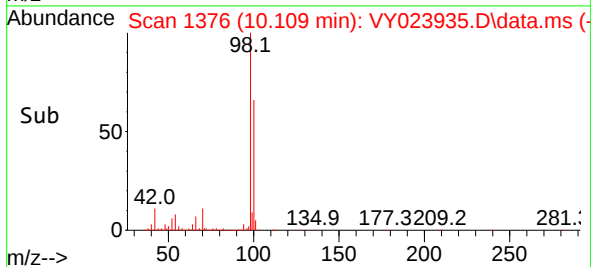
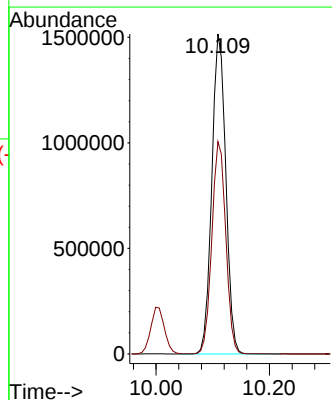
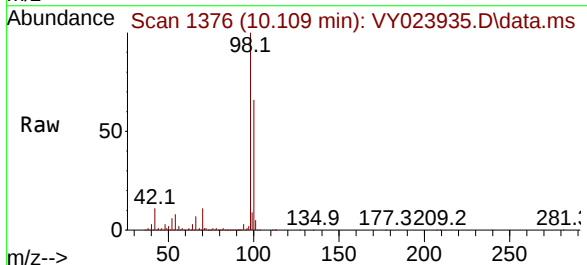
Acq: 10 Dec 2025 13:11

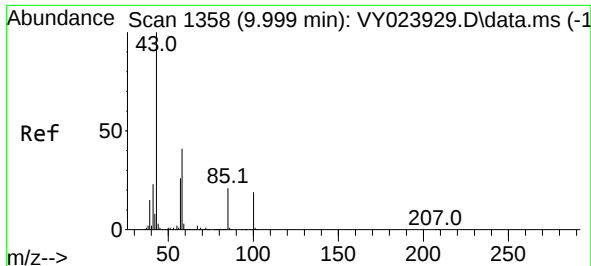
Tgt Ion: 98 Resp: 2585031

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 692.843 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

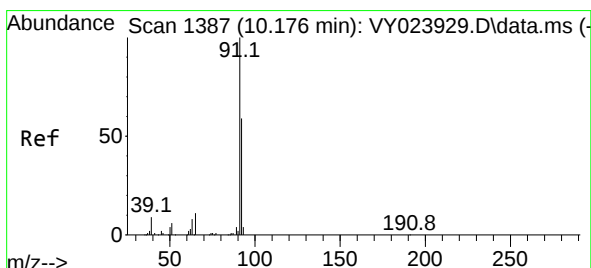
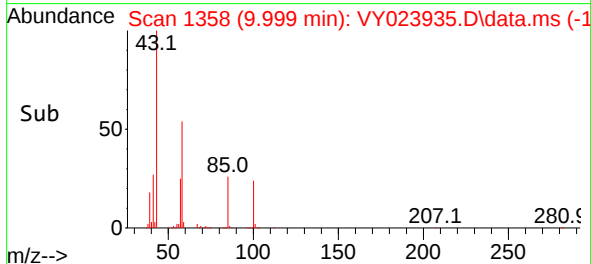
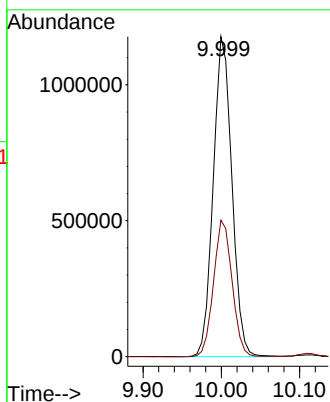
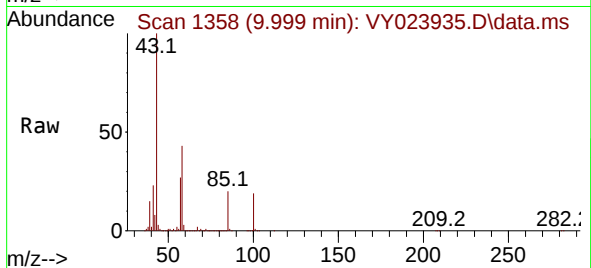
VSTDIC150

Tgt Ion: 43 Resp: 1950492

Ion Ratio Lower Upper

43 100

58 42.5 33.1 49.7



#52

Toluene

Concen: 148.787 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VY023935.D

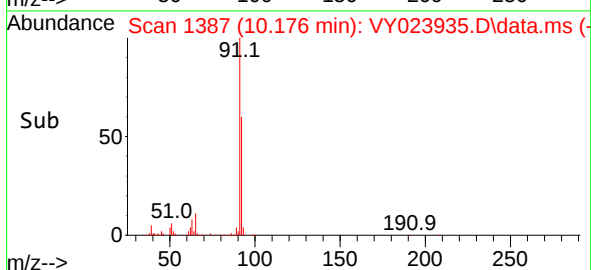
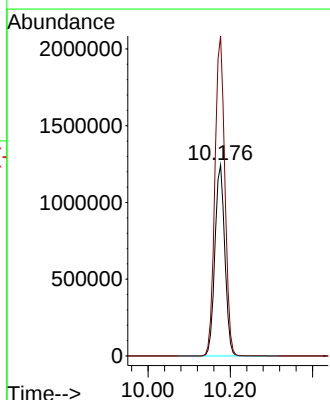
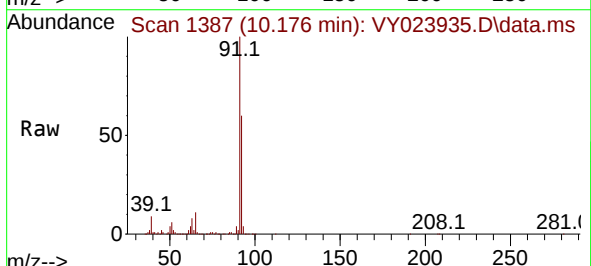
Acq: 10 Dec 2025 13:11

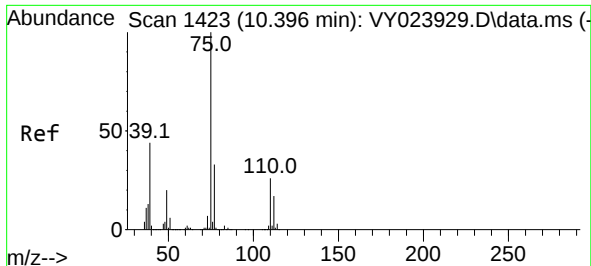
Tgt Ion: 92 Resp: 2077175

Ion Ratio Lower Upper

92 100

91 168.5 135.8 203.6

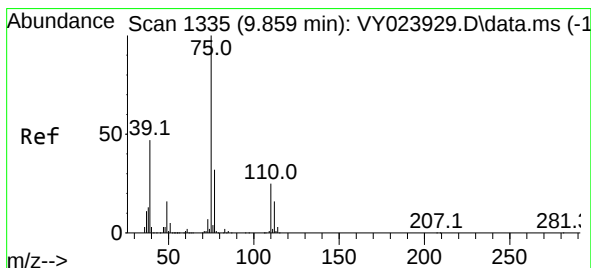
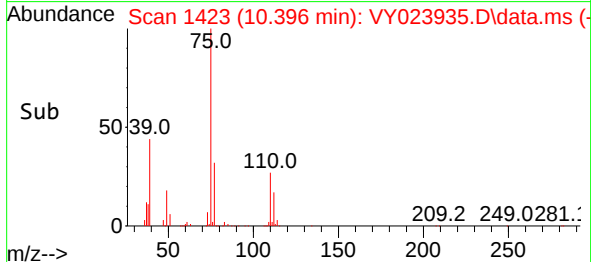
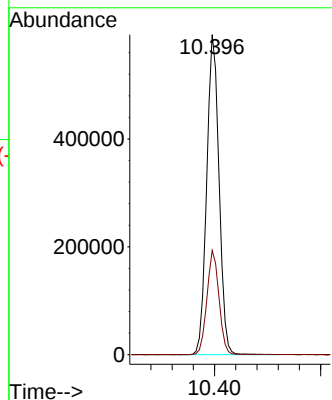
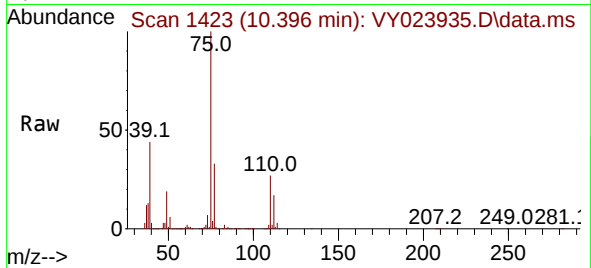




#53
t-1,3-Dichloropropene
Concen: 149.653 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

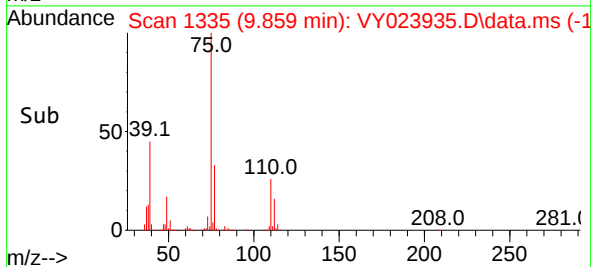
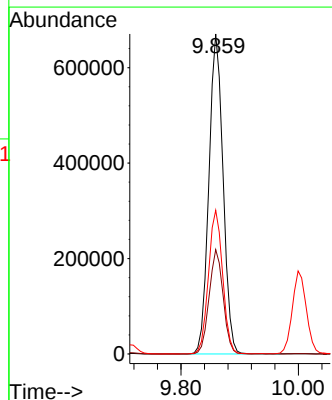
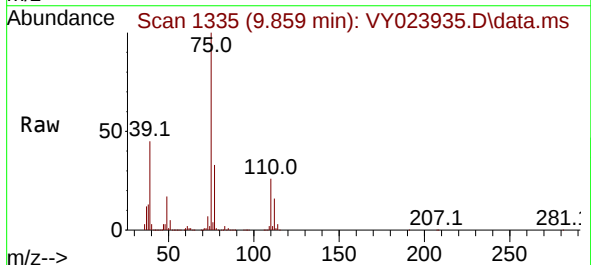
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

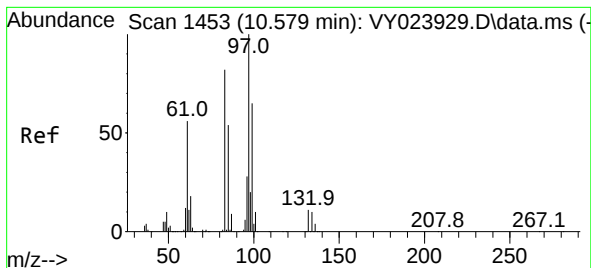
Tgt Ion: 75 Resp: 953833
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 149.667 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 75 Resp: 1124092
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 44.9 37.6 56.4



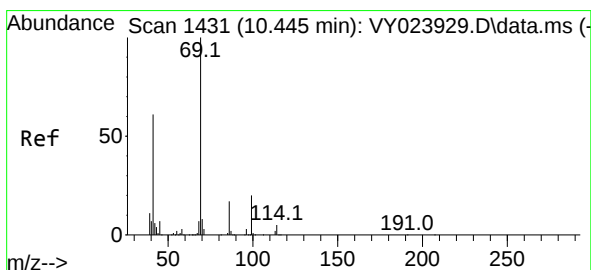
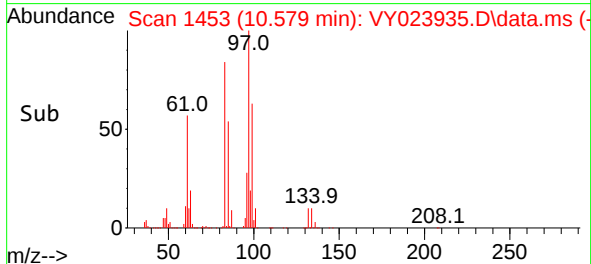
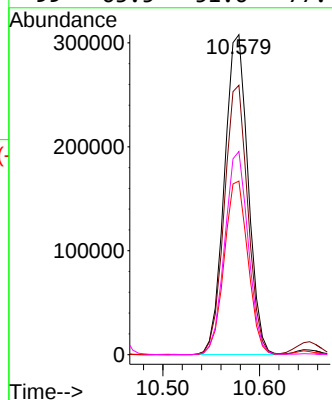
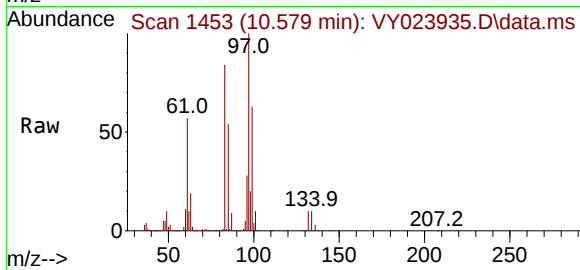


#55
1,1,2-Trichloroethane
Concen: 135.923 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 524504

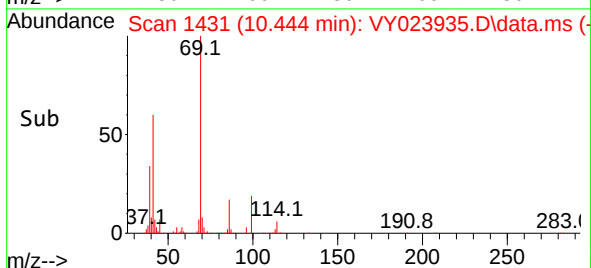
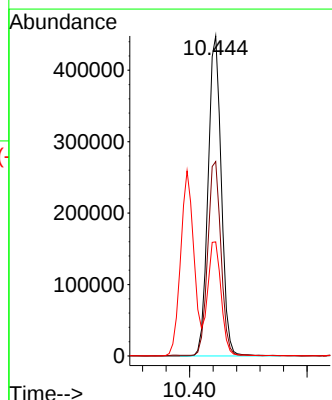
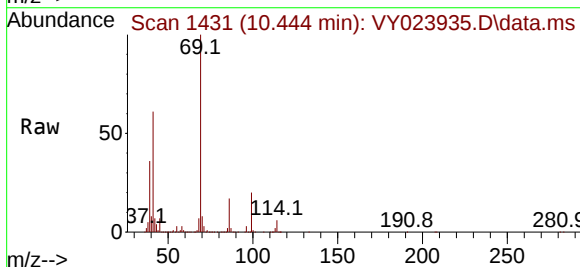
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.8	98.6
85	54.3	43.1	64.7
99	63.5	51.6	77.4

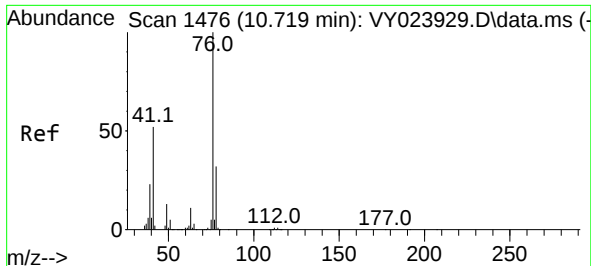


#56
Ethyl methacrylate
Concen: 153.000 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 69 Resp: 699916

Ion	Ratio	Lower	Upper
69	100		
41	60.7	49.0	73.4
39	36.0	29.1	43.7





#57

1,3-Dichloropropane

Concen: 139.577 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

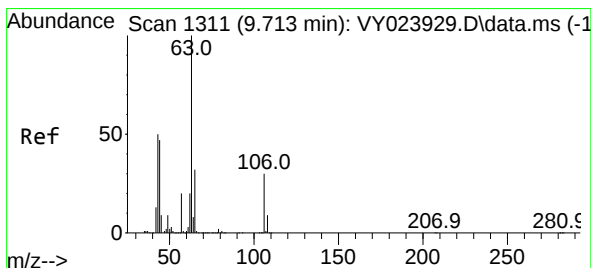
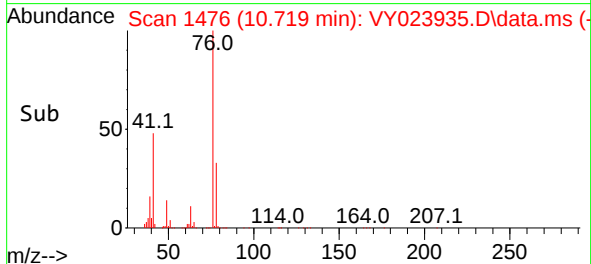
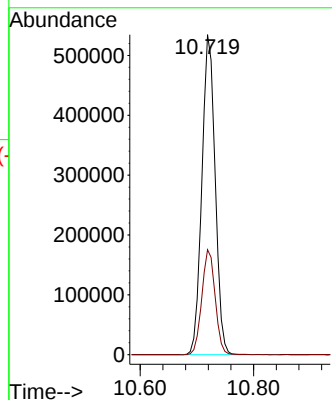
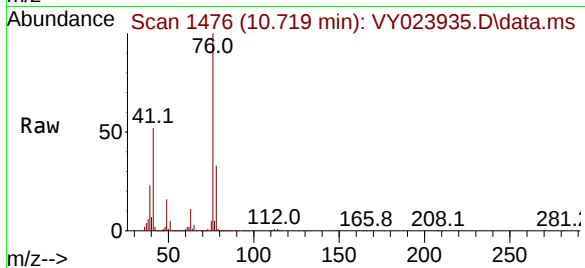
VSTDIC150

Tgt Ion: 76 Resp: 871108

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 788.914 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023935.D

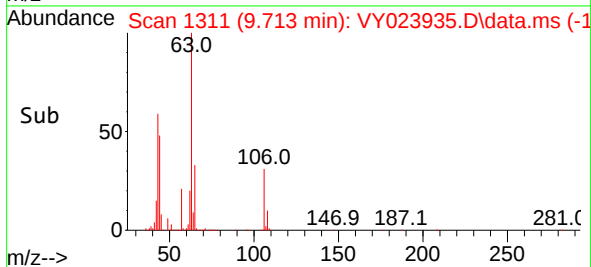
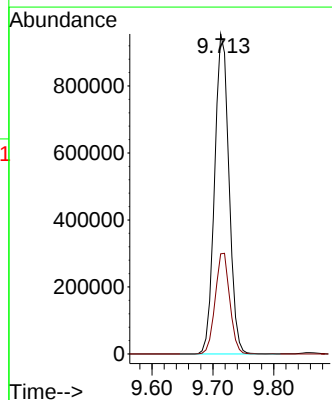
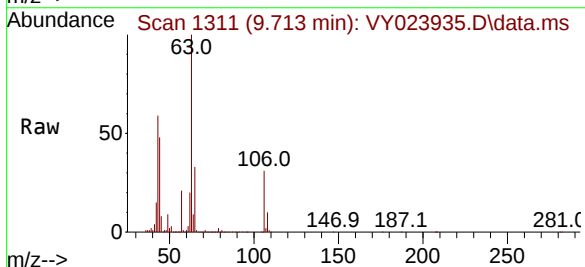
Acq: 10 Dec 2025 13:11

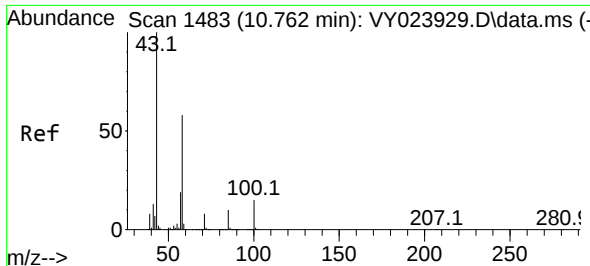
Tgt Ion: 63 Resp: 1563271

Ion Ratio Lower Upper

63 100

106 31.8 25.2 37.8

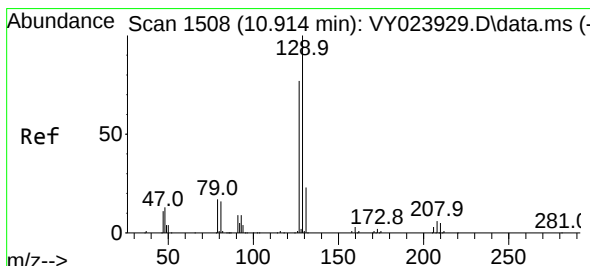
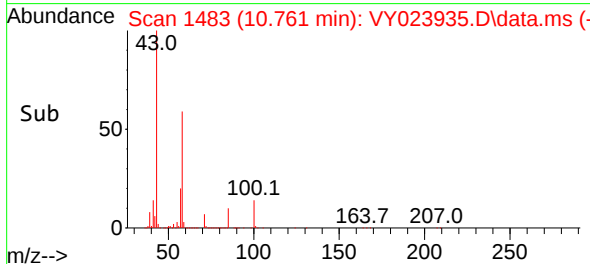
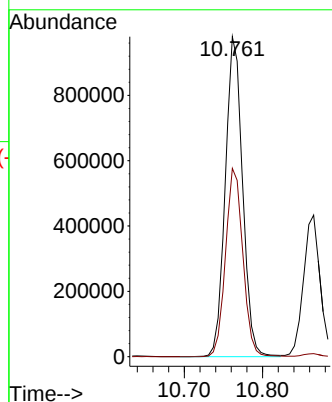
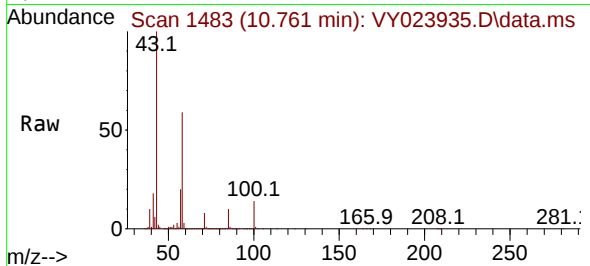




#59
2-Hexanone
Concen: 703.804 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

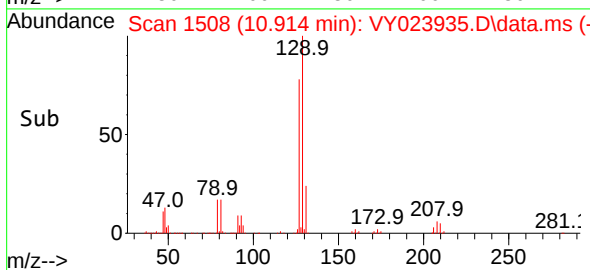
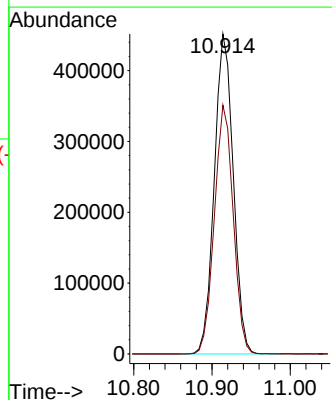
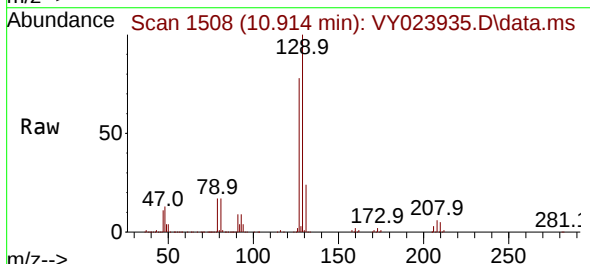
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

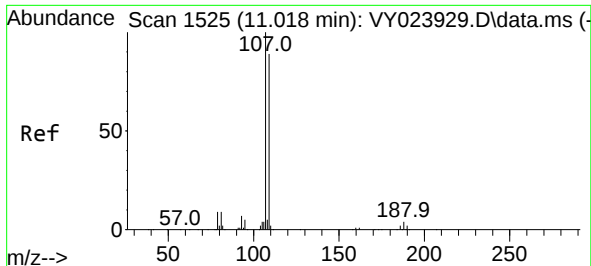
Tgt Ion: 43 Resp: 1503759
Ion Ratio Lower Upper
43 100
58 59.0 29.0 87.0



#60
Dibromochloromethane
Concen: 141.972 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 129 Resp: 758492
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.5

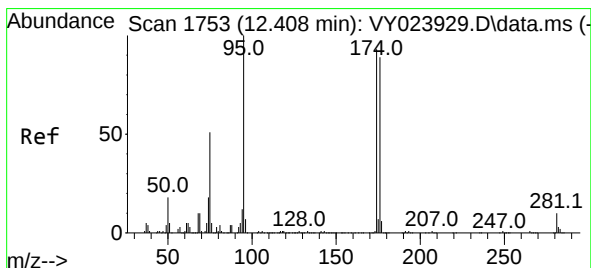
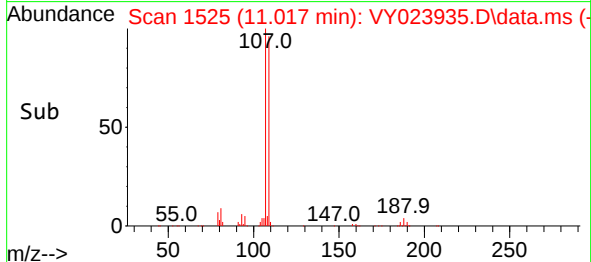
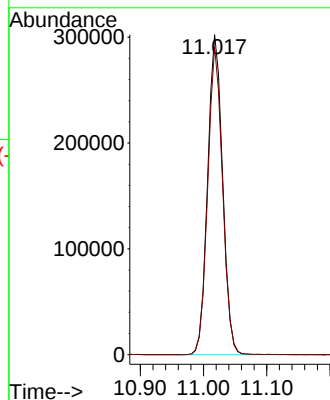
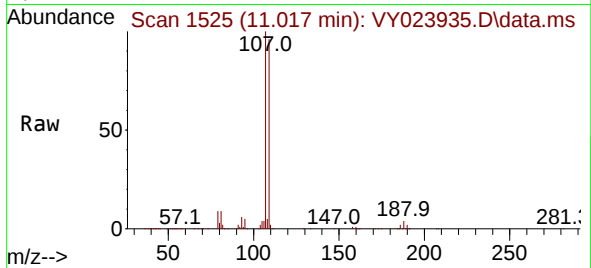




#61
1,2-Dibromoethane
Concen: 139.088 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

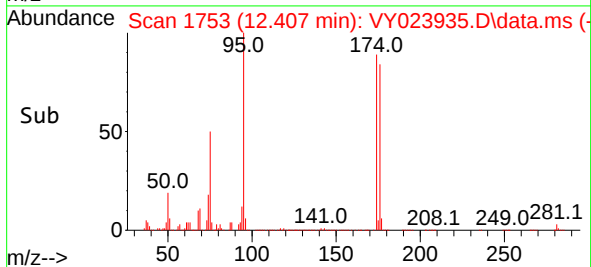
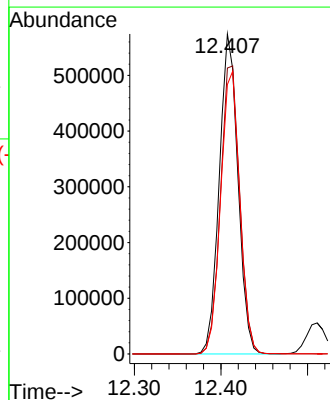
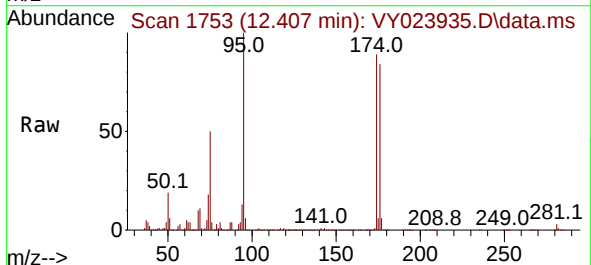
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

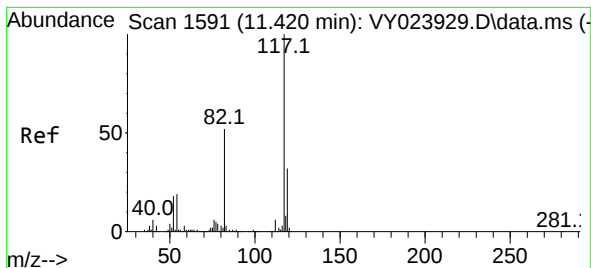
Tgt Ion:107 Resp: 497350
Ion Ratio Lower Upper
107 100
109 95.1 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 136.053 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 95 Resp: 860852
Ion Ratio Lower Upper
95 100
174 93.3 0.0 187.4
176 90.4 0.0 179.6

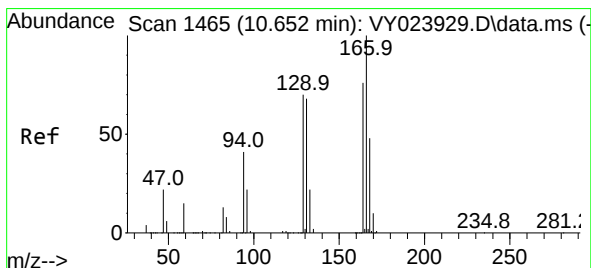
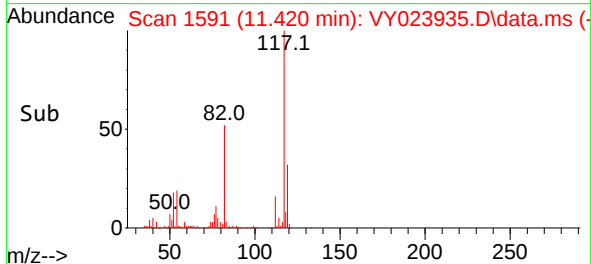
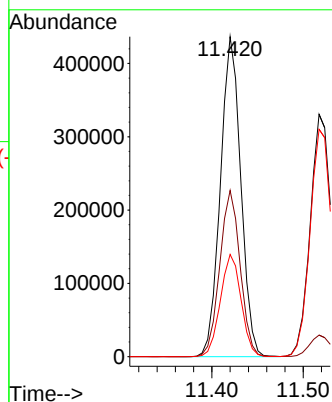
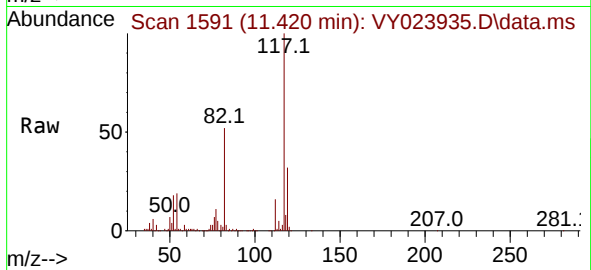




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

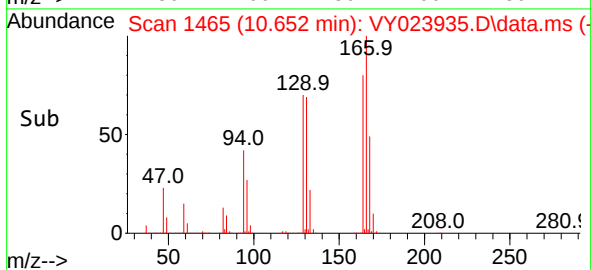
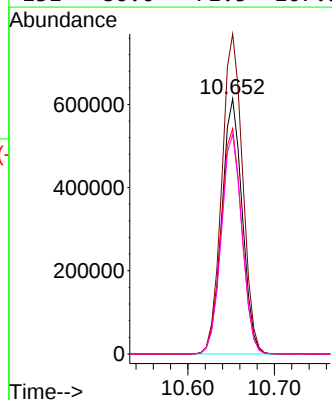
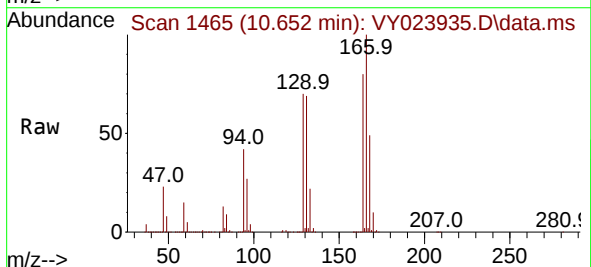
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

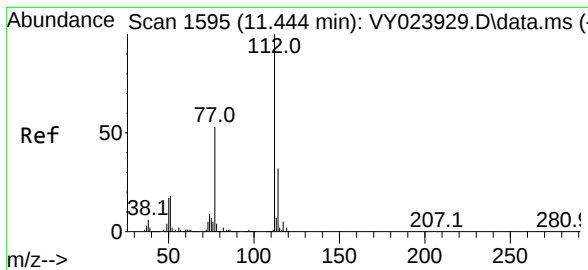
Tgt Ion:117 Resp: 678023
Ion Ratio Lower Upper
117 100
82 52.0 41.4 62.2
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 138.225 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion:164 Resp: 1006823
Ion Ratio Lower Upper
164 100
166 125.4 105.0 157.4
129 88.3 73.0 109.4
131 86.0 71.5 107.3

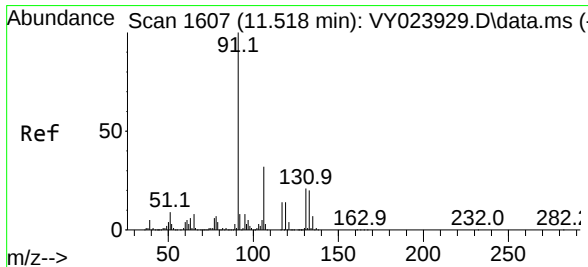
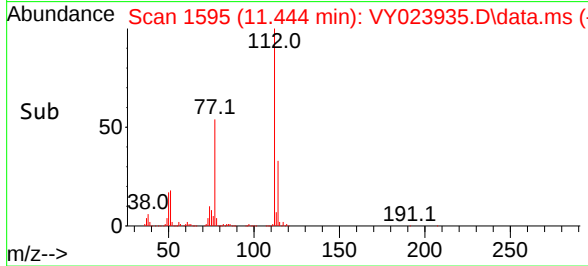
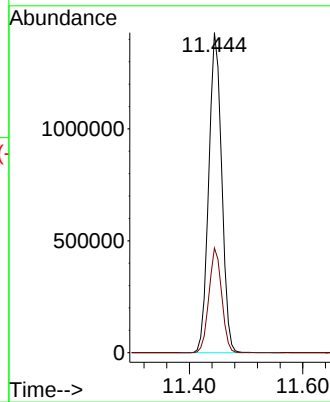
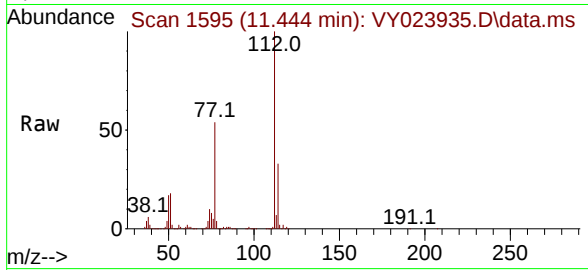




#65
Chlorobenzene
Concen: 143.999 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

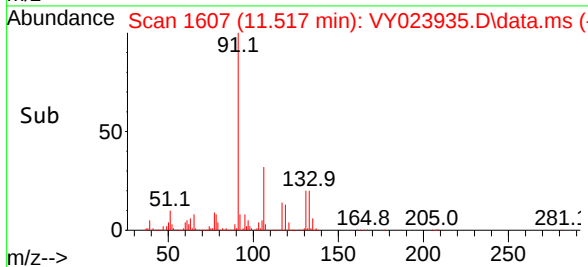
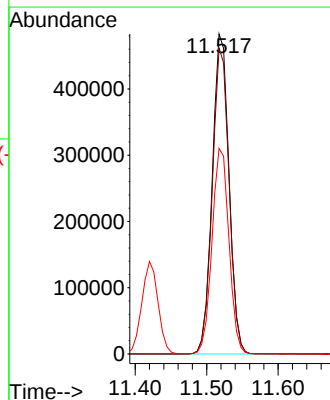
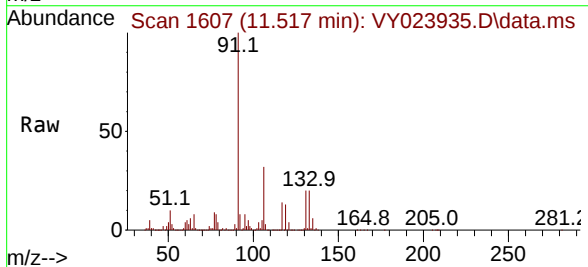
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

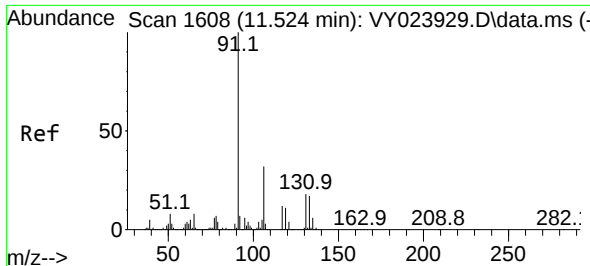
Tgt Ion:112 Resp: 2262369
Ion Ratio Lower Upper
112 100
114 32.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 142.482 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion:131 Resp: 785081
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.3
119 64.9 33.1 99.2

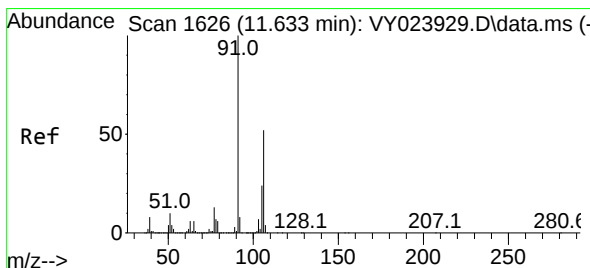
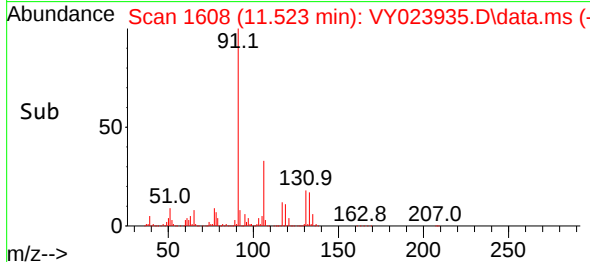
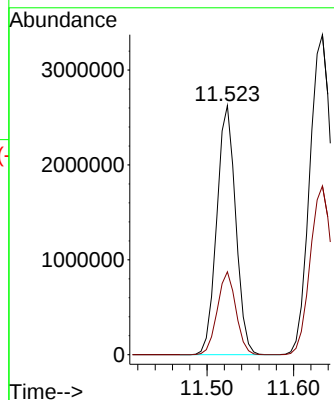
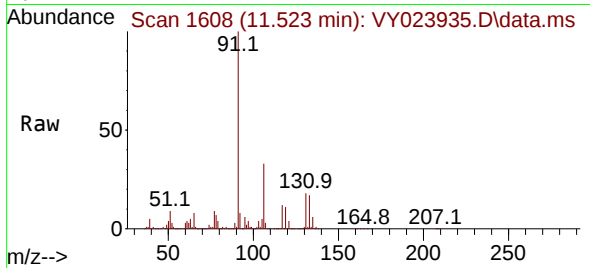




#67
Ethyl Benzene
Concen: 151.045 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

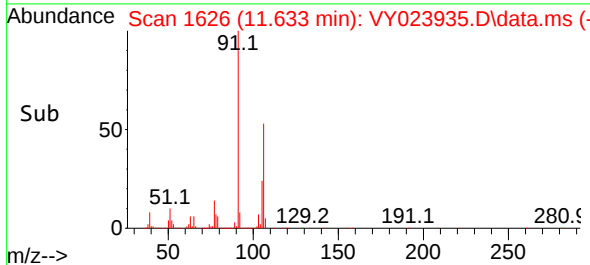
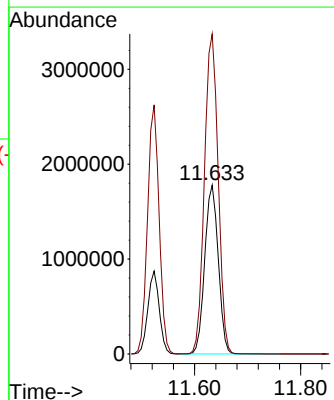
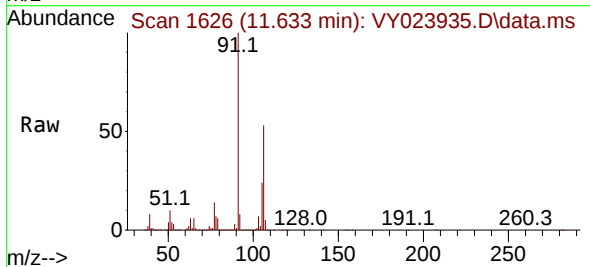
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

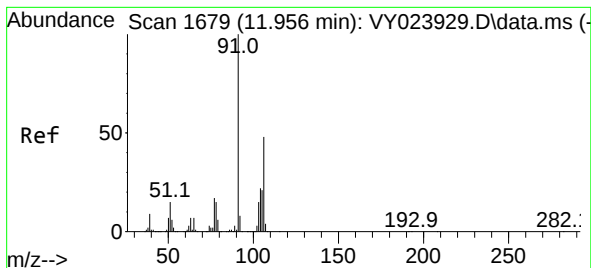
Tgt Ion: 91 Resp: 3976083
Ion Ratio Lower Upper
91 100
106 33.3 25.8 38.8



#68
m/p-Xylenes
Concen: 300.883 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion:106 Resp: 3144174
Ion Ratio Lower Upper
106 100
91 192.5 155.0 232.6

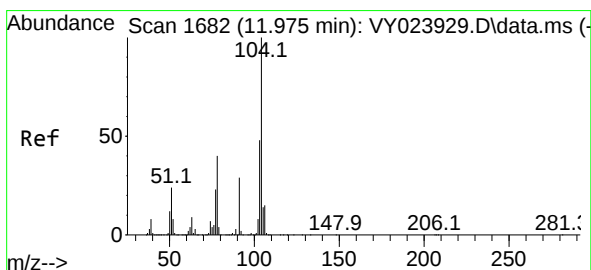
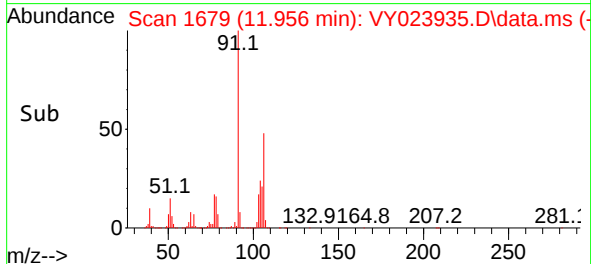
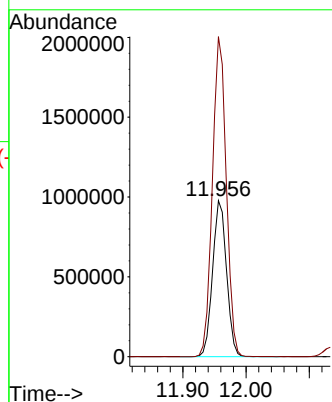
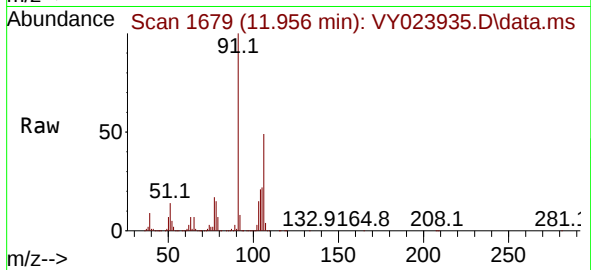




#69
o-Xylene
Concen: 152.889 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

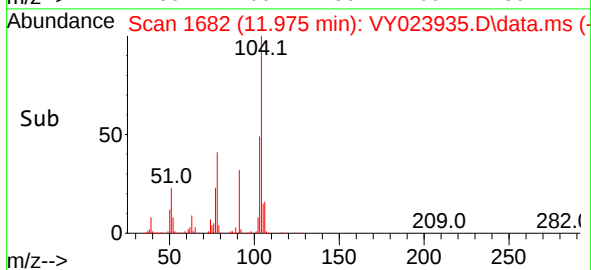
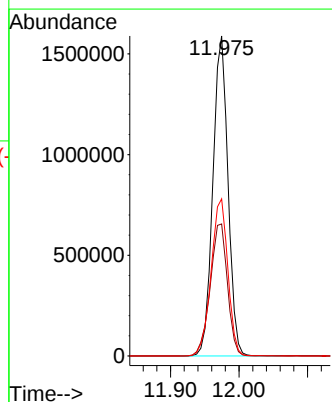
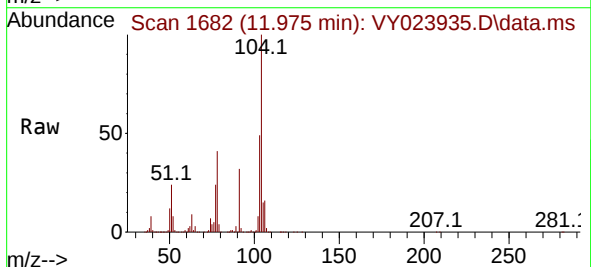
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

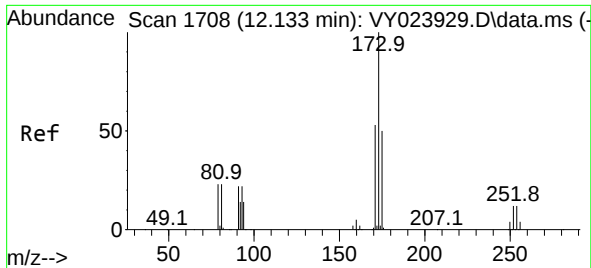
Tgt Ion:106 Resp: 1494554
Ion Ratio Lower Upper
106 100
91 204.1 102.1 306.1



#70
Styrene
Concen: 154.339 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion:104 Resp: 2437322
Ion Ratio Lower Upper
104 100
78 47.0 37.4 56.0
103 54.4 43.0 64.4

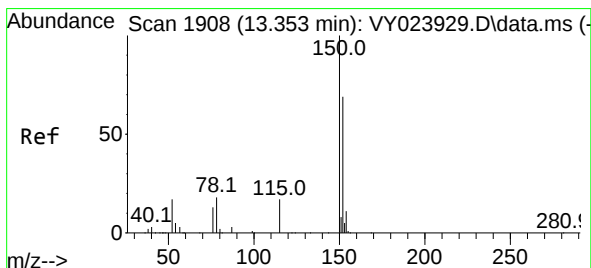
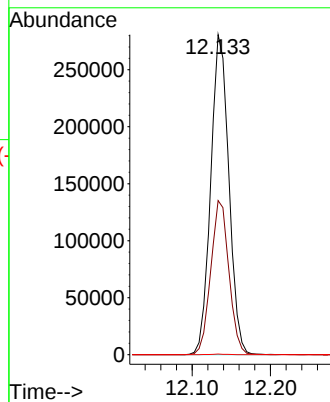
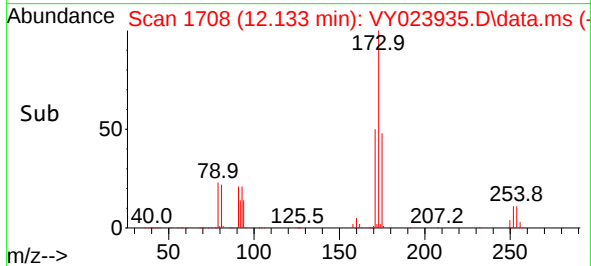
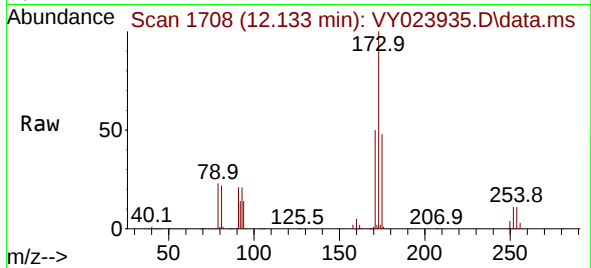




#71
Bromoform
Concen: 138.718 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

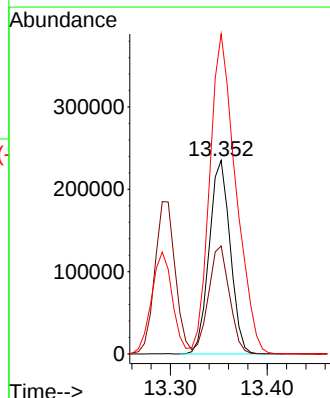
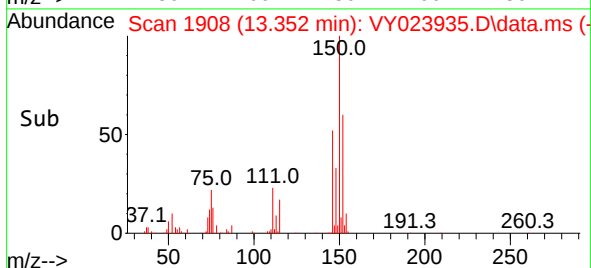
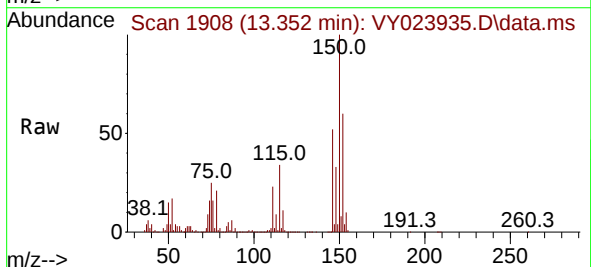
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

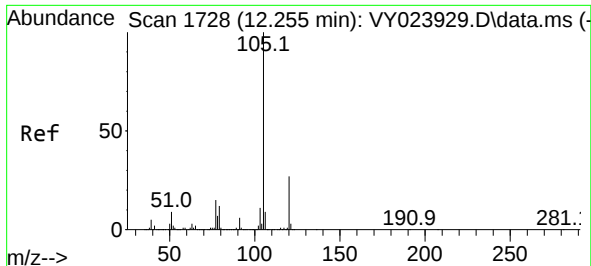
Tgt Ion:173 Resp: 450443
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion:152 Resp: 355217
Ion Ratio Lower Upper
152 100
115 55.5 27.3 81.9
150 205.8 0.0 347.6

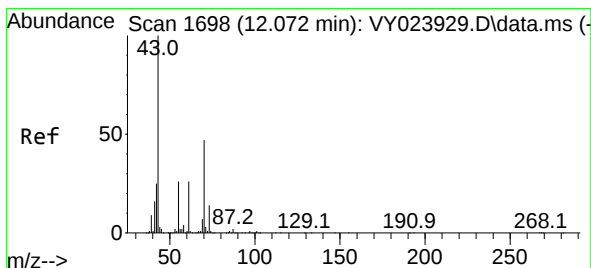
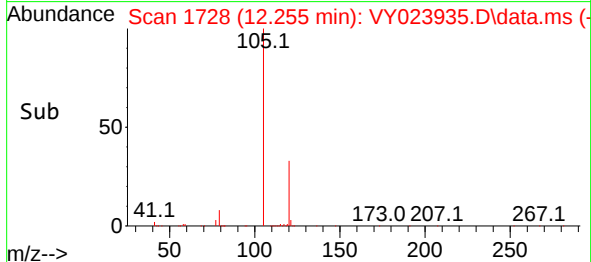
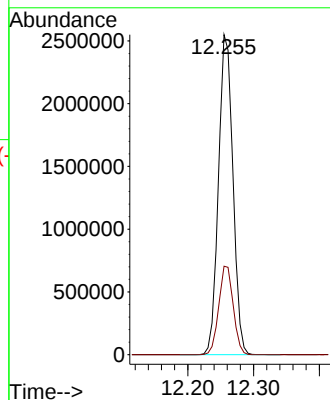
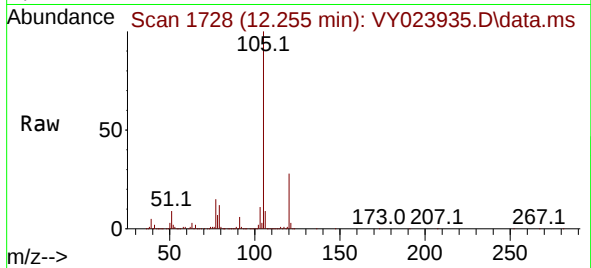




#73
Isopropylbenzene
Concen: 149.905 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

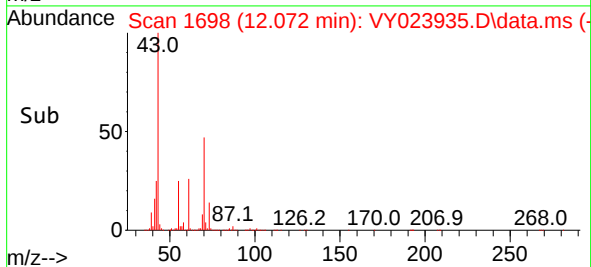
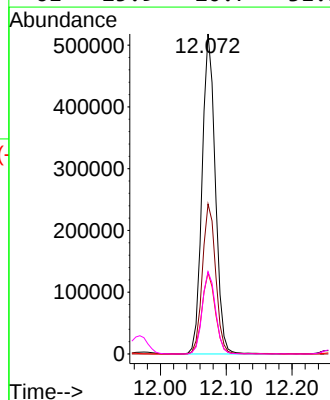
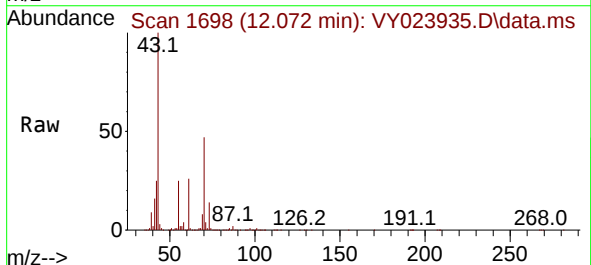
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

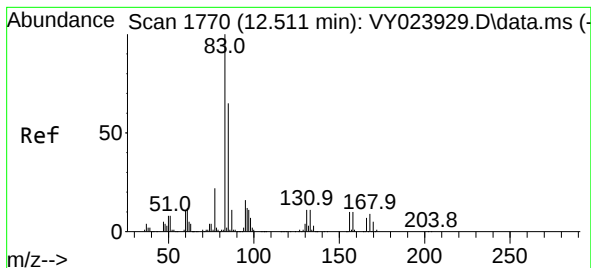
Tgt Ion:105 Resp: 3891499
Ion Ratio Lower Upper
105 100
120 27.8 13.7 41.0



#74
N-ethyl acetate
Concen: 157.222 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 43 Resp: 723959
Ion Ratio Lower Upper
43 100
70 47.1 37.4 56.0
55 25.5 21.6 32.4
61 25.9 20.7 31.1





#75

1,1,2-Tetrachloroethane

Concen: 134.830 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

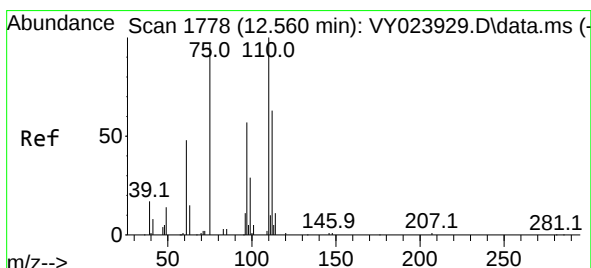
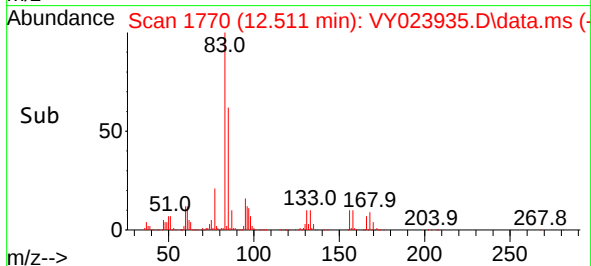
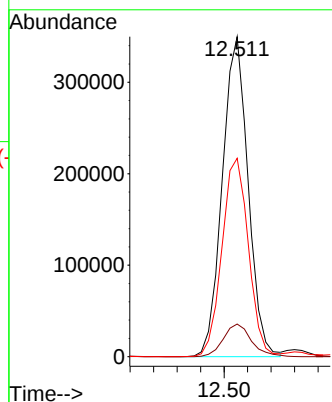
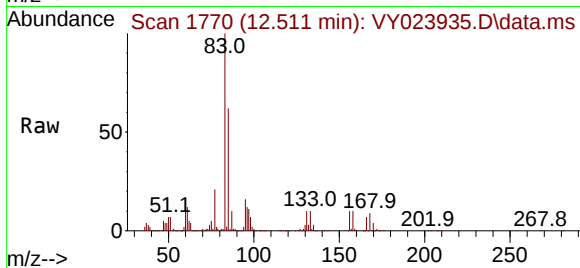
Tgt Ion: 83 Resp: 532959

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 63.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 244.985 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY023935.D

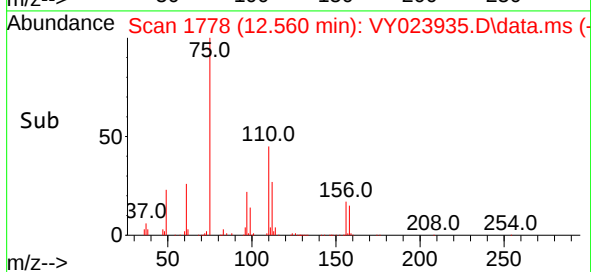
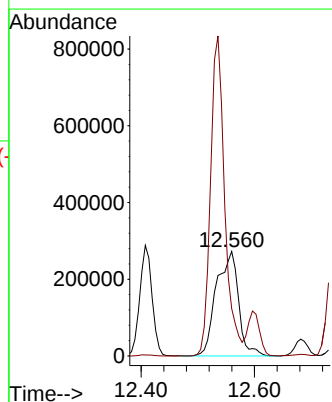
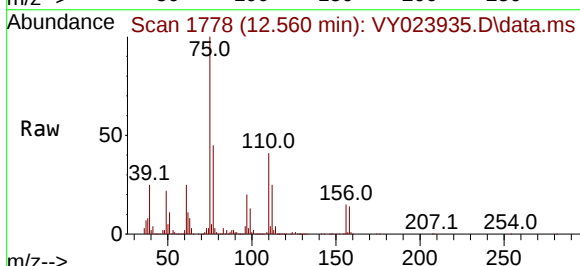
Acq: 10 Dec 2025 13:11

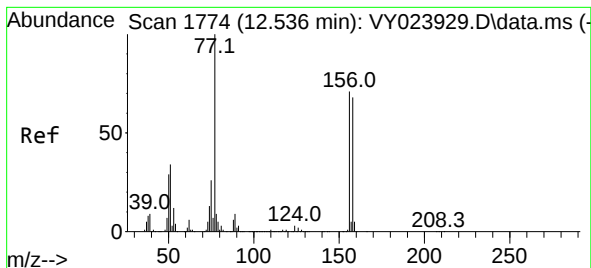
Tgt Ion: 75 Resp: 738404

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 141.854 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

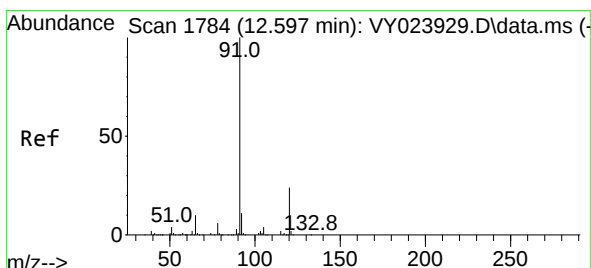
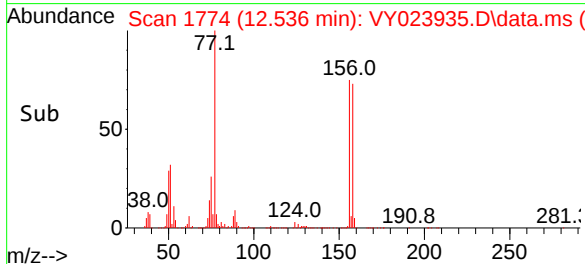
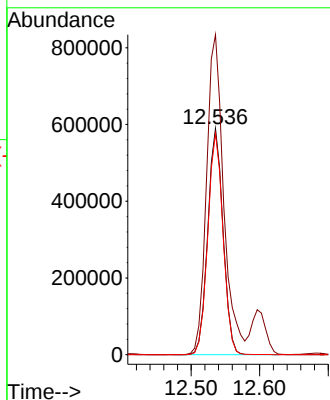
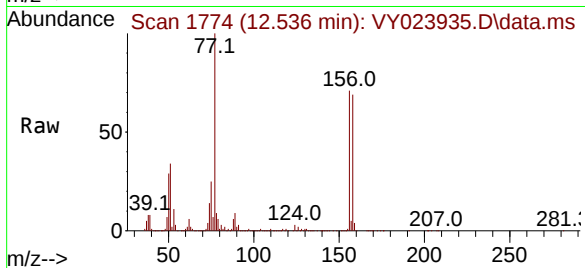
Tgt Ion:156 Resp: 913723

Ion Ratio Lower Upper

156 100

77 158.9 79.8 239.4

158 97.5 48.0 144.2



#78

n-propylbenzene

Concen: 148.822 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY023935.D

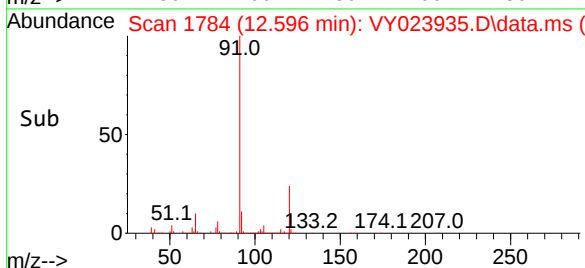
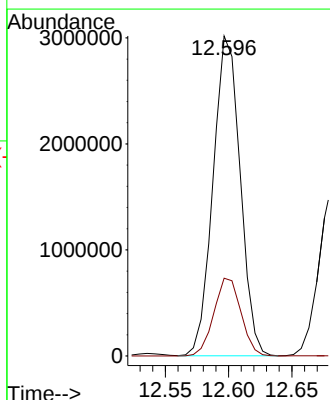
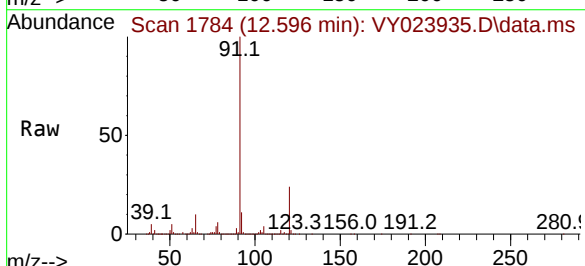
Acq: 10 Dec 2025 13:11

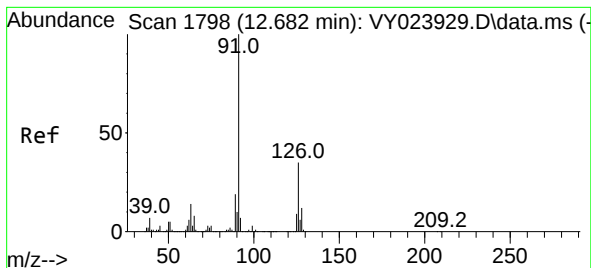
Tgt Ion: 91 Resp: 4494949

Ion Ratio Lower Upper

91 100

120 24.4 12.0 36.0

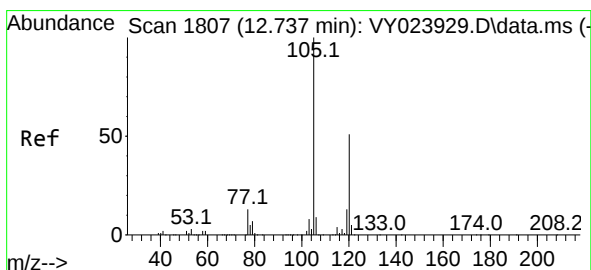
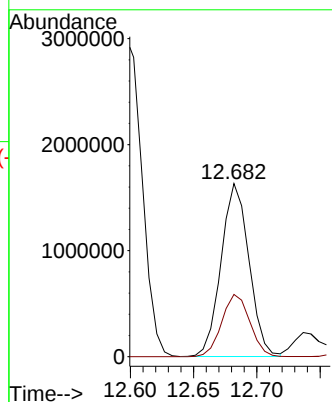
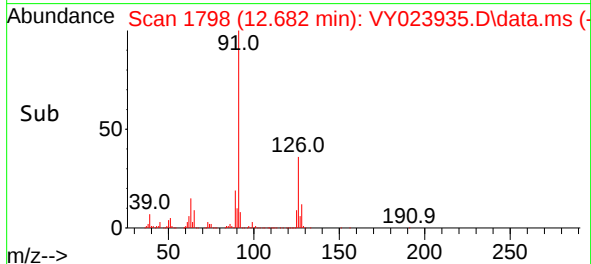
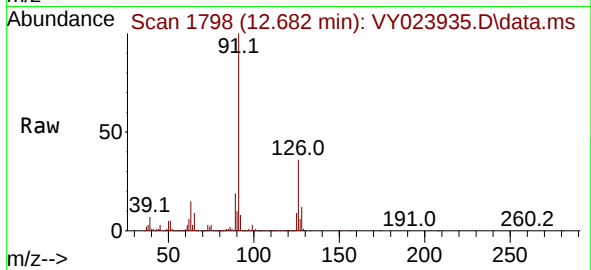




#79
2-Chlorotoluene
Concen: 146.108 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

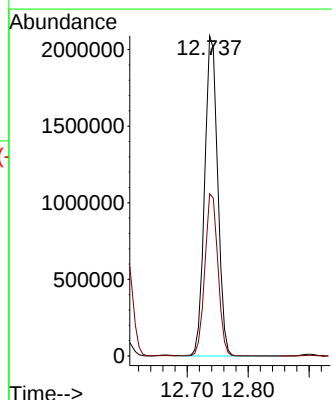
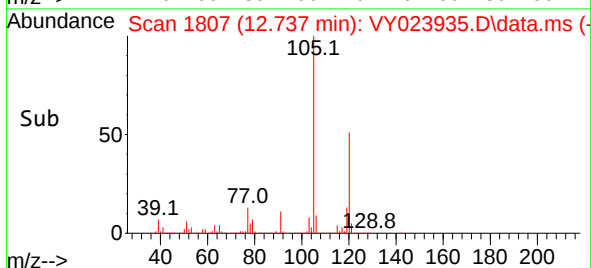
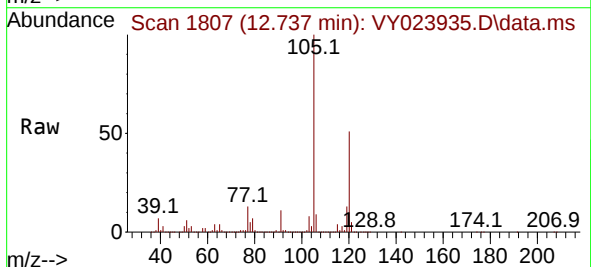
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

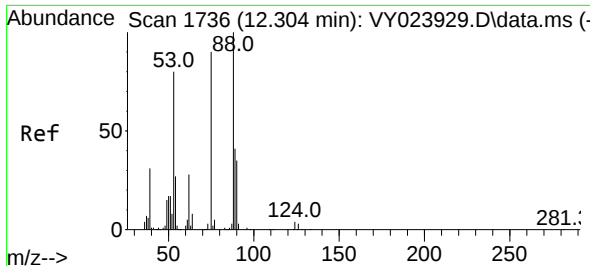
Tgt Ion: 91 Resp: 2506761
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 150.112 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 105 Resp: 3108868
Ion Ratio Lower Upper
105 100
120 50.8 25.7 77.1

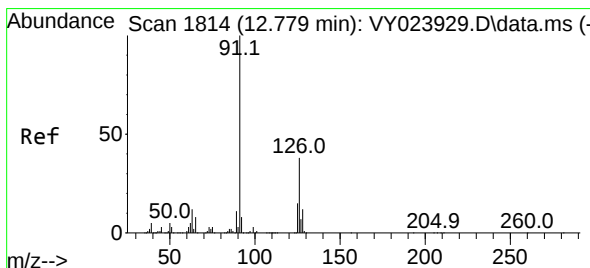
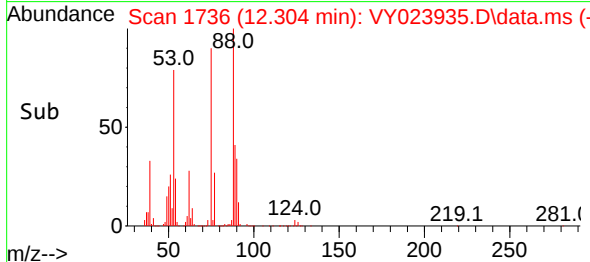
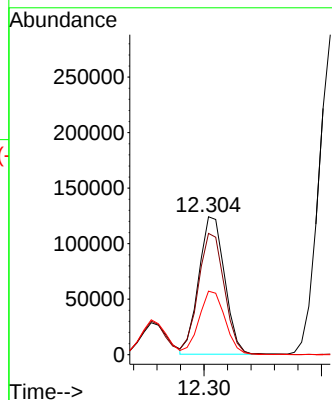
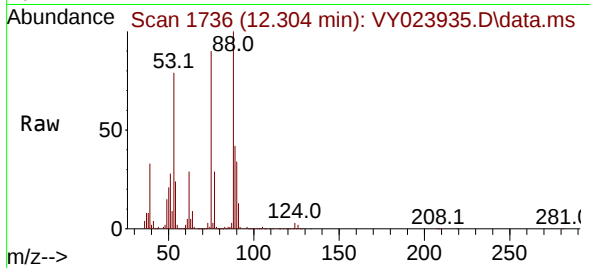




#81
trans-1,4-Dichloro-2-butene
Concen: 143.571 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

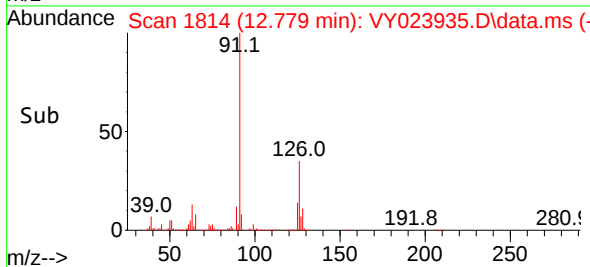
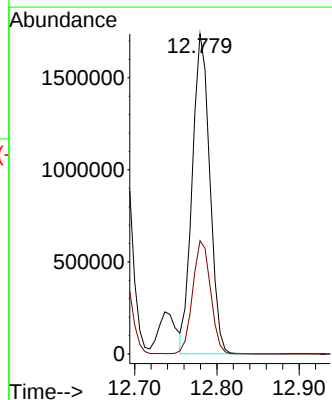
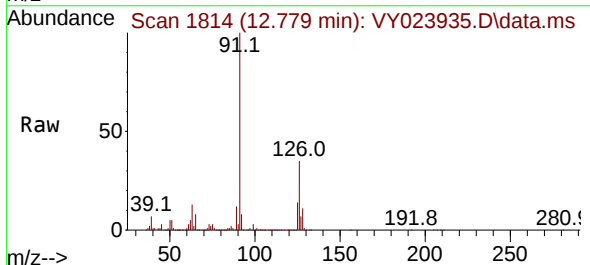
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

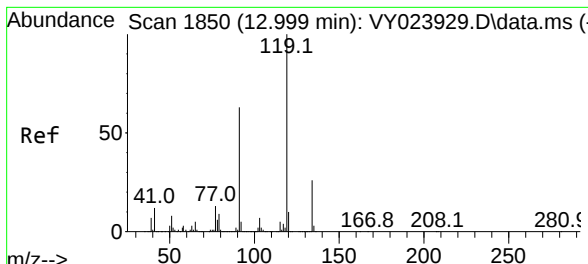
Tgt Ion: 75 Resp: 189522
Ion Ratio Lower Upper
75 100
53 89.1 73.4 110.0
89 46.8 38.9 58.3



#82
4-Chlorotoluene
Concen: 145.051 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion: 91 Resp: 2561903
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.1



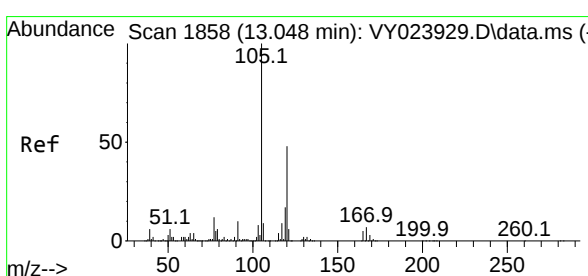
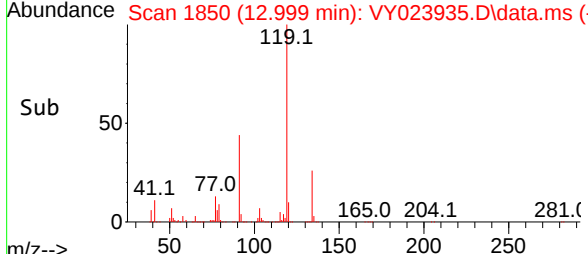
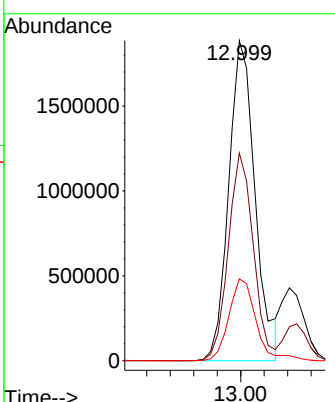
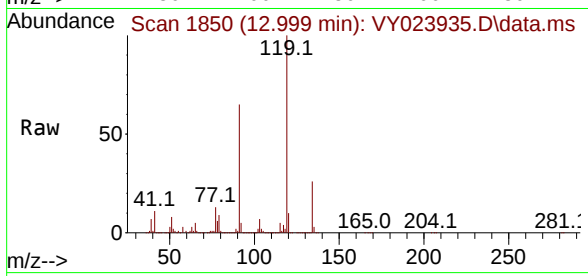


#83
 tert-Butylbenzene
 Concen: 153.261 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY023935.D
 Acq: 10 Dec 2025 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 2932715

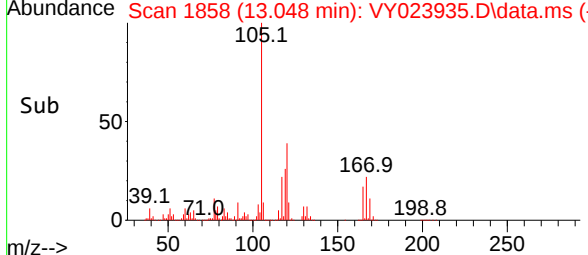
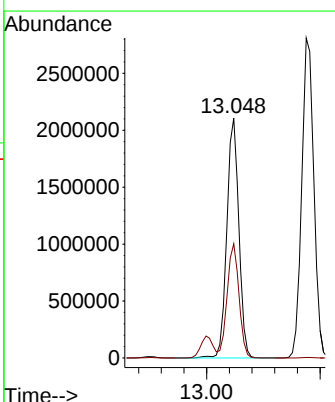
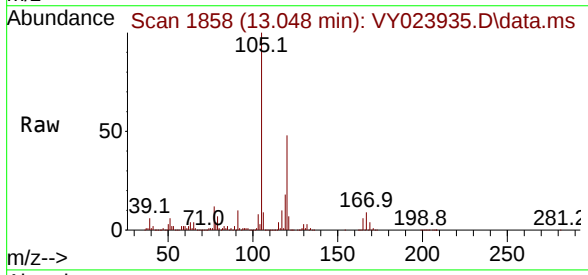
Ion	Ratio	Lower	Upper
119	100		
91	61.7	31.6	94.7
134	26.3	13.4	40.1

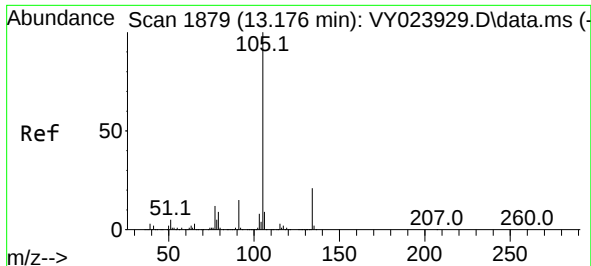


#84
 1,2,4-Trimethylbenzene
 Concen: 150.503 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY023935.D
 Acq: 10 Dec 2025 13:11

Tgt Ion:105 Resp: 3087755

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.3

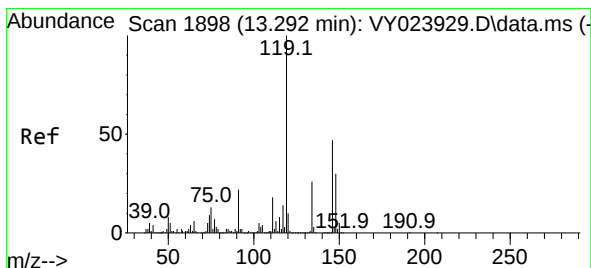
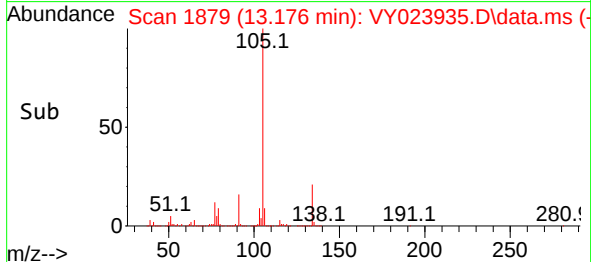
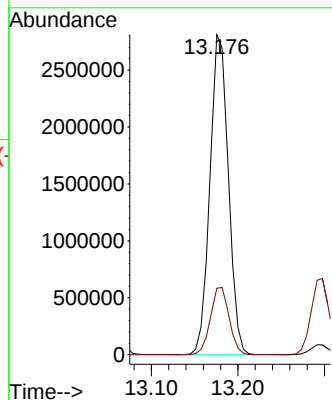
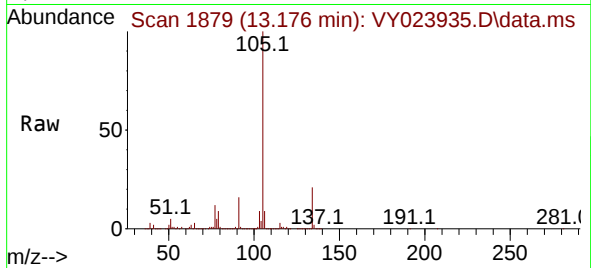




#85
 sec-Butylbenzene
 Concen: 148.864 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY023935.D
 Acq: 10 Dec 2025 13:11

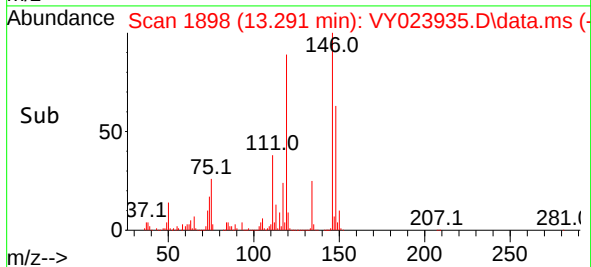
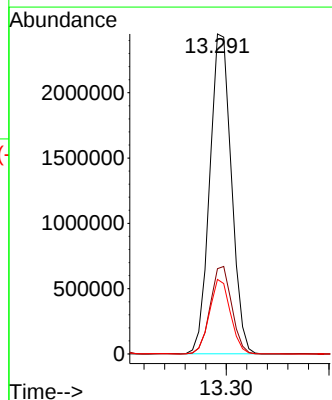
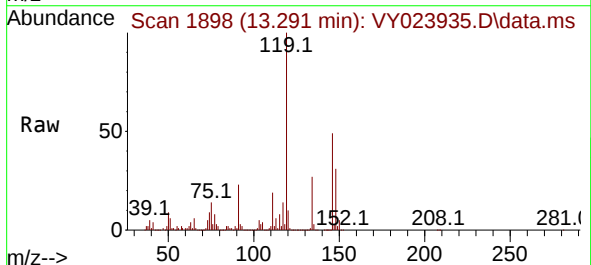
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

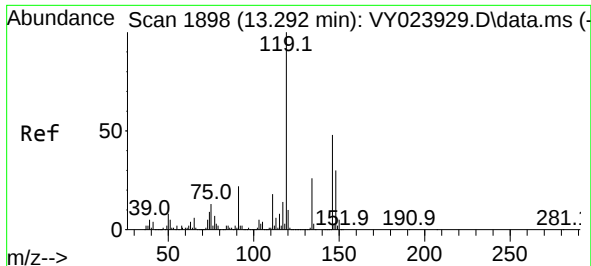
Tgt Ion:105 Resp: 4155333
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 151.785 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY023935.D
 Acq: 10 Dec 2025 13:11

Tgt Ion:119 Resp: 3586308
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.6 40.7
 91 22.7 11.1 33.3

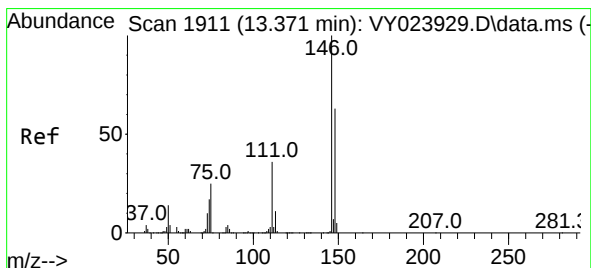
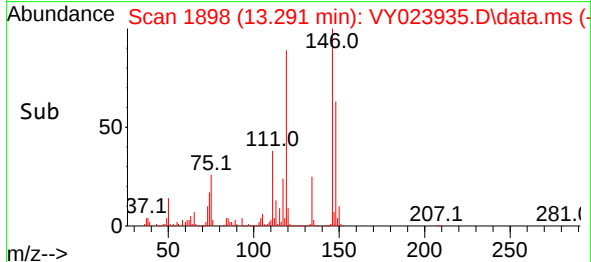
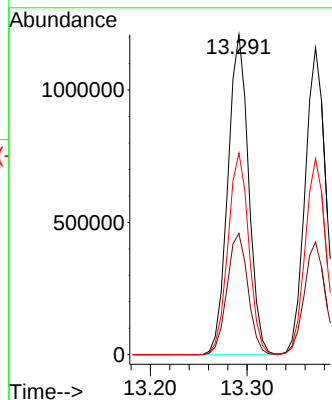
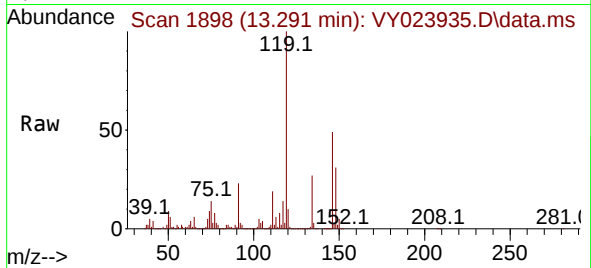




#87
1,3-Dichlorobenzene
Concen: 144.046 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

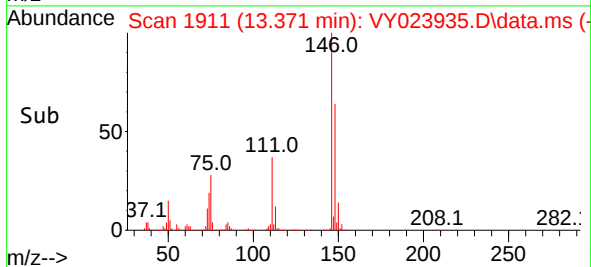
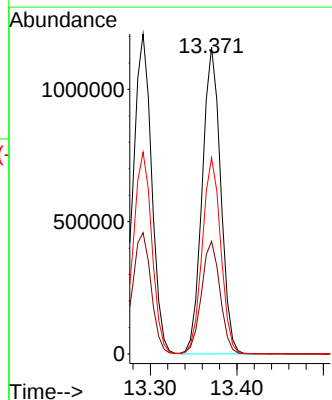
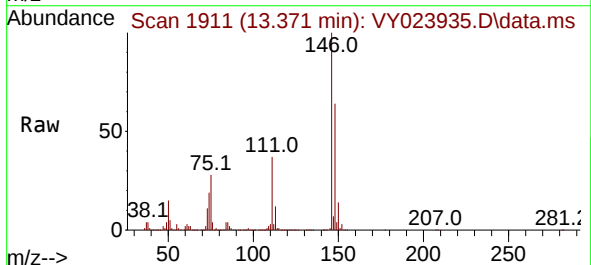
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

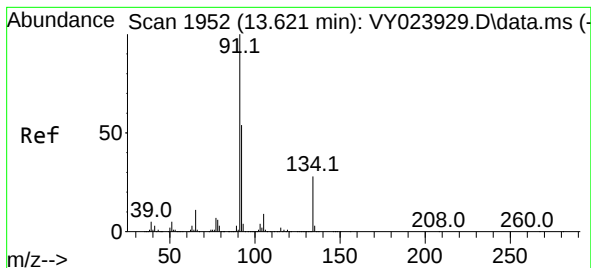
Tgt Ion:146 Resp: 1801833
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.9
148 63.4 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 138.984 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion:146 Resp: 1713721
Ion Ratio Lower Upper
146 100
111 36.9 18.4 55.0
148 64.1 31.9 95.9





#89

n-Butylbenzene

Concen: 155.113 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

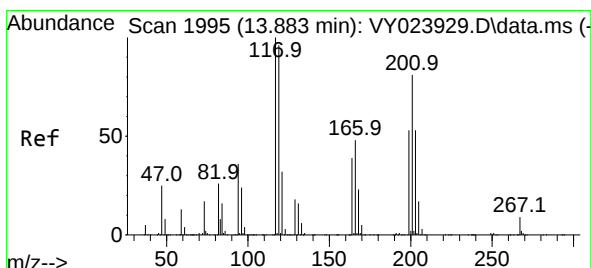
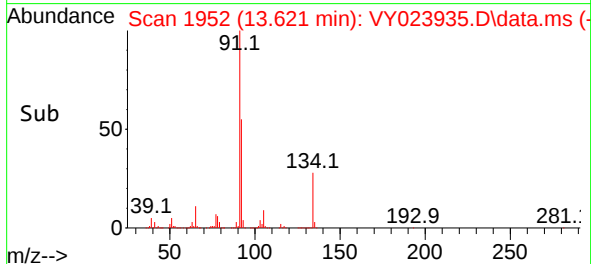
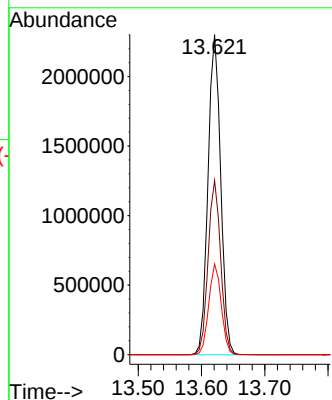
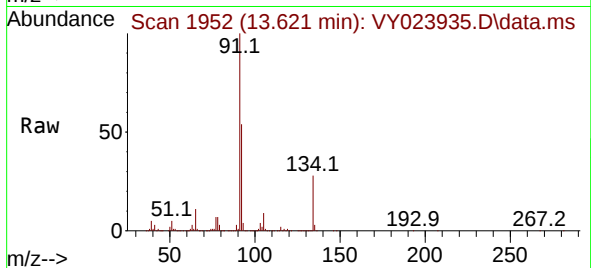
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 3206436

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.9	80.6
134	28.0	13.9	41.6



#90

Hexachloroethane

Concen: 145.853 ug/l

RT: 13.883 min Scan# 1995

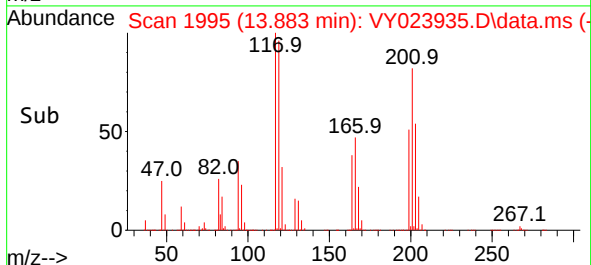
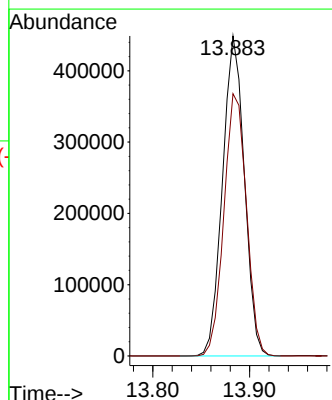
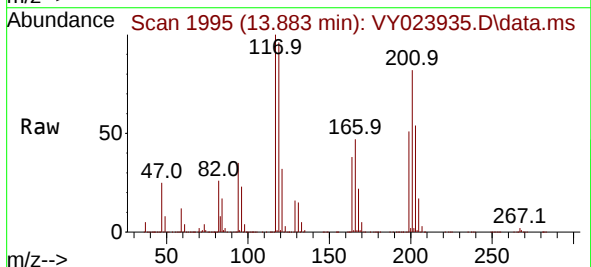
Delta R.T. -0.000 min

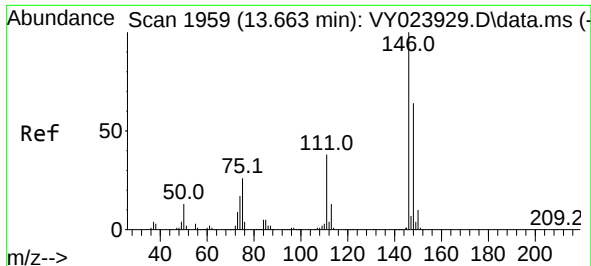
Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Tgt Ion: 117 Resp: 703213

Ion	Ratio	Lower	Upper
117	100		
201	84.4	42.4	127.3





#91

1,2-Dichlorobenzene

Concen: 139.324 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY023935.D

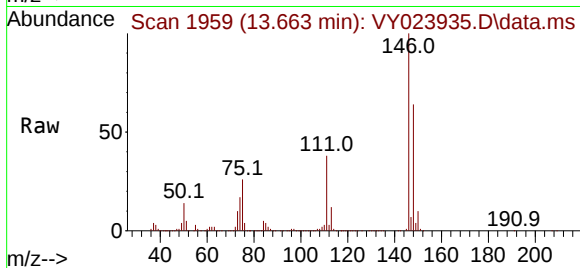
Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150



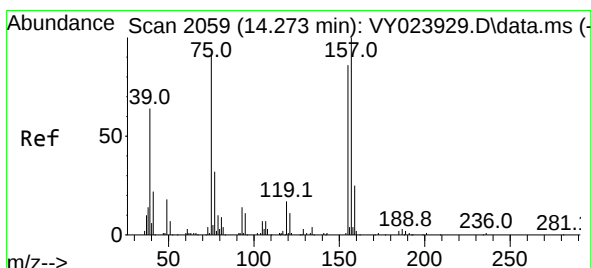
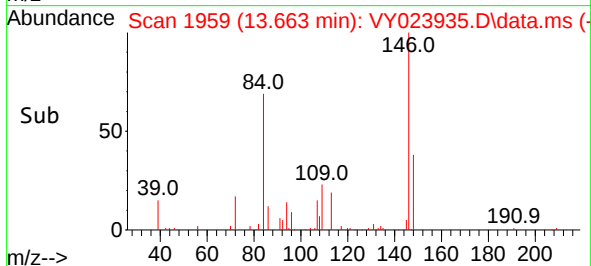
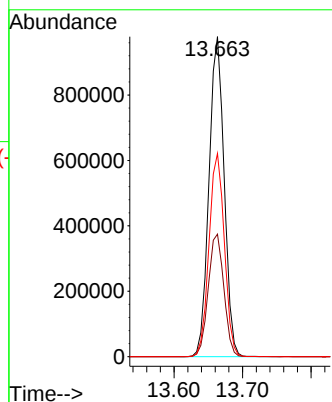
Tgt Ion:146 Resp: 1509965

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

148 64.2 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 131.625 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

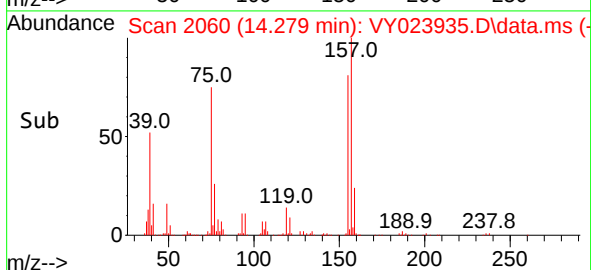
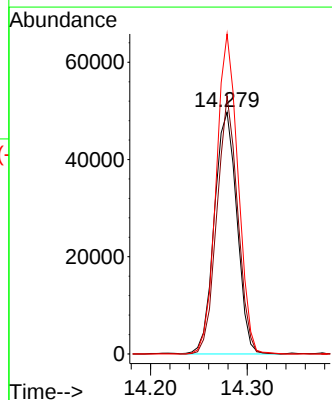
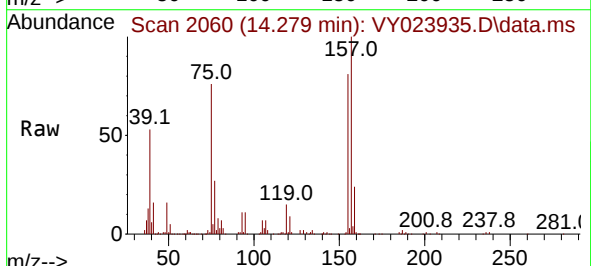
Tgt Ion: 75 Resp: 80557

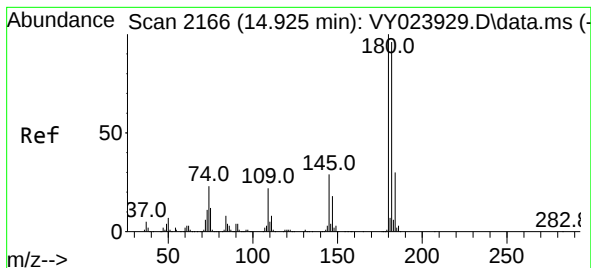
Ion Ratio Lower Upper

75 100

155 97.9 50.2 150.7

157 127.5 62.8 188.5





#93

1,2,4-Trichlorobenzene

Concen: 156.833 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

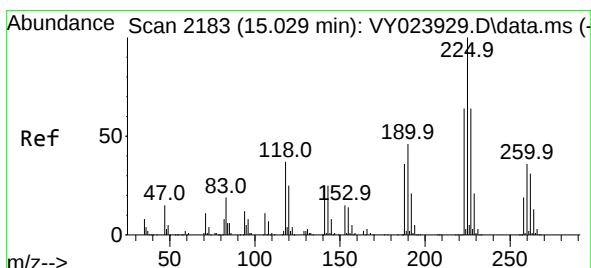
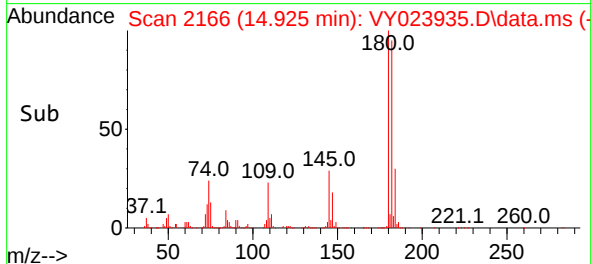
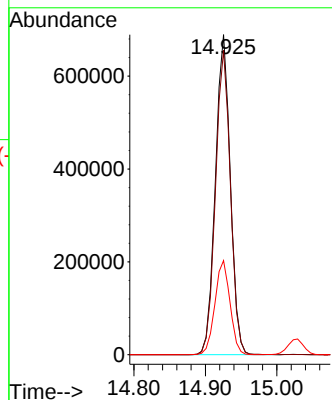
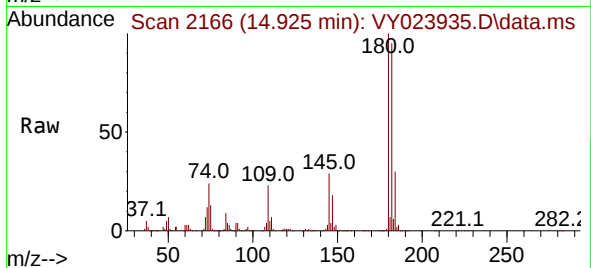
Tgt Ion:180 Resp: 998993

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 29.7 14.8 44.4



#94

Hexachlorobutadiene

Concen: 148.496 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY023935.D

Acq: 10 Dec 2025 13:11

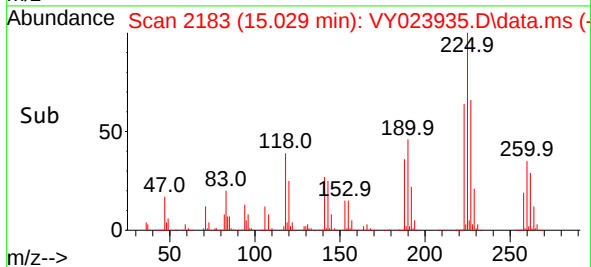
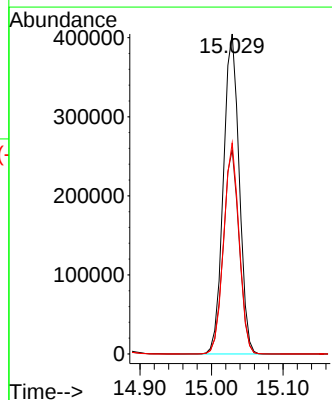
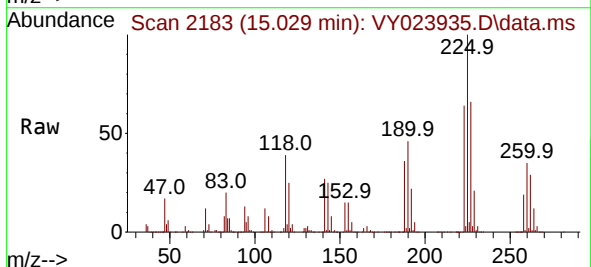
Tgt Ion:225 Resp: 620011

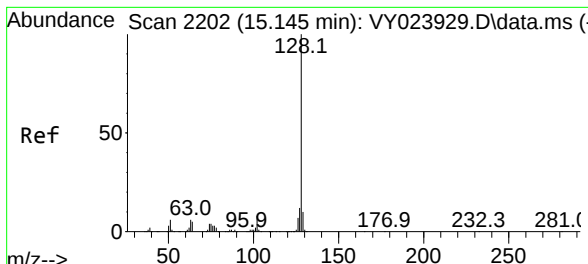
Ion Ratio Lower Upper

225 100

223 63.2 31.6 95.0

227 64.4 31.7 95.1

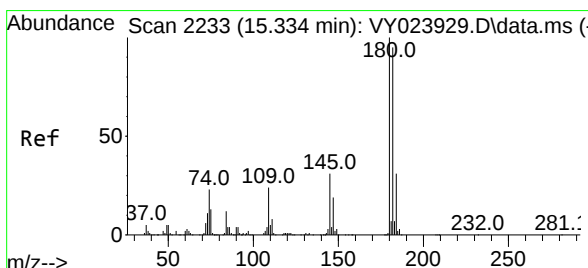
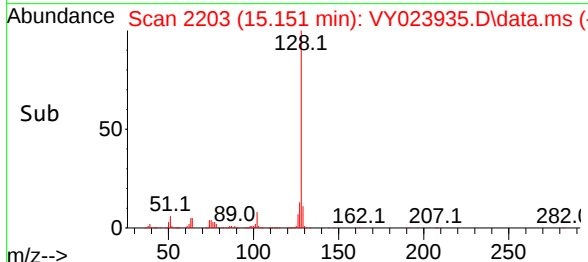
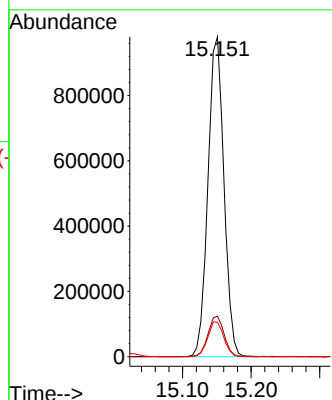
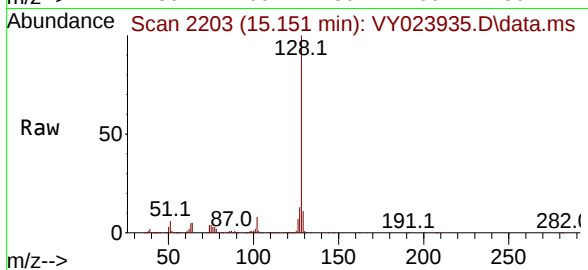




#95
Naphthalene
Concen: 161.310 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1588786
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 154.918 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY023935.D
Acq: 10 Dec 2025 13:11

Tgt Ion:180 Resp: 839718
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.4
145 30.7 15.6 46.8

