

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
 Data File : VY023280.D
 Acq On : 04 Sep 2025 10:03
 Operator : SY/MD
 Sample : VY0904SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 05 04:22:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	464615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	719782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	635502	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	337206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	215256	48.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.220%
35) Dibromofluoromethane	7.640	113	228035	52.946	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.900%
50) Toluene-d8	10.109	98	873491	51.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.408	95	278883	51.540	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	76526	20.178	ug/l	96
3) Chloromethane	2.074	50	116769	19.010	ug/l	99
4) Vinyl Chloride	2.208	62	144889	19.082	ug/l	96
5) Bromomethane	2.592	94	125488	22.129	ug/l	99
6) Chloroethane	2.733	64	102422	20.289	ug/l	99
7) Trichlorofluoromethane	3.056	101	184544	19.988	ug/l	100
8) Diethyl Ether	3.458	74	48551	19.876	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	96658	21.220	ug/l	97
10) Methyl Iodide	4.007	142	104331	21.226	ug/l	99
11) Tert butyl alcohol	4.866	59	26564	87.552	ug/l #	89
12) 1,1-Dichloroethene	3.793	96	90033	20.109	ug/l	93
13) Acrolein	3.653	56	18220	41.004	ug/l	98
14) Allyl chloride	4.385	41	117629	17.855	ug/l	98
15) Acrylonitrile	5.055	53	96946	97.622	ug/l	99
16) Acetone	3.867	43	126391	131.750	ug/l	97
17) Carbon Disulfide	4.110	76	281241	19.265	ug/l	99
18) Methyl Acetate	4.385	43	51383	17.999	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	223863	19.296	ug/l	98
20) Methylene Chloride	4.616	84	113665	21.238	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	104802	20.829	ug/l	93
22) Diisopropyl ether	6.019	45	270975	18.929	ug/l	93
23) Vinyl Acetate	5.964	43	741430	93.664	ug/l	100
24) 1,1-Dichloroethane	5.915	63	176604	20.178	ug/l	99
25) 2-Butanone	6.896	43	141948	108.796	ug/l	98
26) 2,2-Dichloropropane	6.890	77	153698	20.351	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	119818	20.599	ug/l	95
28) Bromochloromethane	7.250	49	70122	20.194	ug/l	91
29) Tetrahydrofuran	7.268	42	74982	92.715	ug/l	97
30) Chloroform	7.421	83	191797	21.248	ug/l	96
31) Cyclohexane	7.701	56	143260	17.369	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	169084	21.111	ug/l	98
36) 1,1-Dichloropropene	7.841	75	130122	20.329	ug/l	99
37) Ethyl Acetate	6.988	43	52951	19.693	ug/l	99
38) Carbon Tetrachloride	7.823	117	148999	21.432	ug/l	99
39) Methylcyclohexane	9.110	83	159680	18.944	ug/l	98
40) Benzene	8.085	78	417201	21.148	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	73402	47.303	ug/l #	35
42) 1,2-Dichloroethane	8.158	62	106515	20.760	ug/l	100
43) Isopropyl Acetate	8.201	43	102085	18.785	ug/l	96
44) Trichloroethene	8.866	130	113489	22.261	ug/l	100
45) 1,2-Dichloropropane	9.146	63	96879	21.343	ug/l	97
46) Dibromomethane	9.231	93	58837	22.583	ug/l	98
47) Bromodichloromethane	9.427	83	147062	21.937	ug/l	99
48) Methyl methacrylate	9.225	41	49046	18.860	ug/l	95
49) 1,4-Dioxane	9.238	88	11933	390.623	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	271497	96.851	ug/l	98
52) Toluene	10.170	92	268932	21.464	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	123653	20.369	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	148656	20.708	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	77528	22.238	ug/l	96
56) Ethyl methacrylate	10.439	69	86272	19.339	ug/l	96
57) 1,3-Dichloropropane	10.719	76	126523	21.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	191696	91.099	ug/l	97
59) 2-Hexanone	10.762	43	198151	103.809	ug/l	98
60) Dibromochloromethane	10.914	129	105284	22.887	ug/l	100
61) 1,2-Dibromoethane	11.018	107	71985	21.969	ug/l	99
64) Tetrachloroethene	10.646	164	137146	24.168	ug/l	99
65) Chlorobenzene	11.444	112	297437	21.698	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	104263	22.411	ug/l	97
67) Ethyl Benzene	11.518	91	479579	20.330	ug/l	99
68) m/p-Xylenes	11.627	106	387341	42.041	ug/l	96
69) o-Xylene	11.957	106	176786	20.487	ug/l	99
70) Styrene	11.969	104	298764	21.171	ug/l	98
71) Bromoform	12.133	173	61882	22.759	ug/l #	99
73) Isopropylbenzene	12.255	105	456549	19.183	ug/l	99
74) N-amyl acetate	12.072	43	86689	17.176	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	77389	19.044	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	107088	32.906	ug/l #	100
77) Bromobenzene	12.530	156	119554	21.056	ug/l	94
78) n-propylbenzene	12.597	91	556852	19.652	ug/l	99
79) 2-Chlorotoluene	12.682	91	320181	19.722	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	378421	19.674	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	25518	18.981	ug/l	99
82) 4-Chlorotoluene	12.780	91	334580	19.866	ug/l	97
83) tert-Butylbenzene	12.999	119	333508	19.198	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	381947	19.948	ug/l	98
85) sec-Butylbenzene	13.176	105	498476	19.533	ug/l	100
86) p-Isopropyltoluene	13.292	119	417678	19.718	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	237048	21.171	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	233410	21.014	ug/l	99
89) n-Butylbenzene	13.615	91	370837	19.061	ug/l	98
90) Hexachloroethane	13.877	117	92271	21.279	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	208155	21.198	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12537	19.815	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	119717	20.616	ug/l	99
94) Hexachlorobutadiene	15.023	225	74023	21.693	ug/l	98
95) Naphthalene	15.145	128	184430	18.625	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	103819	20.748	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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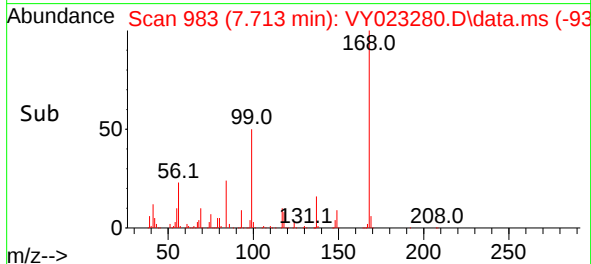
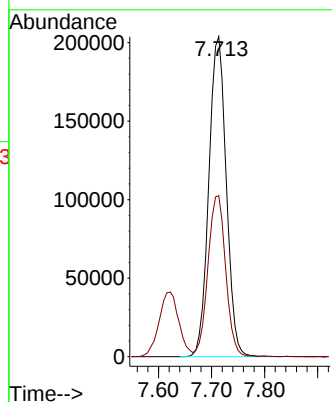
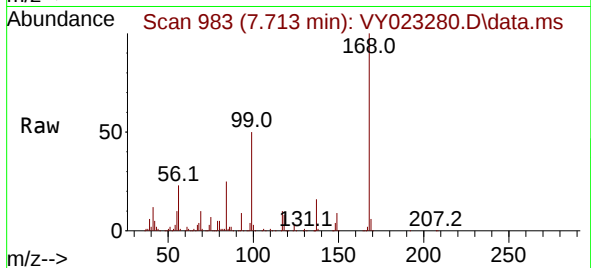
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023280.D
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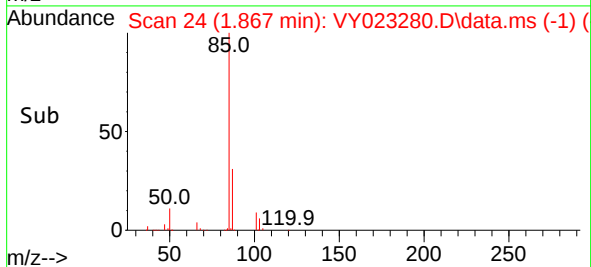
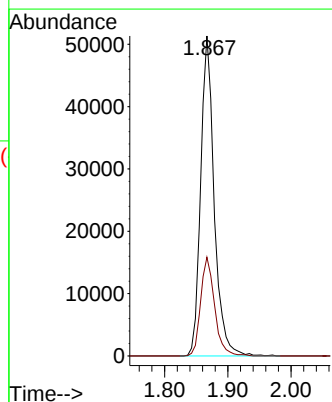
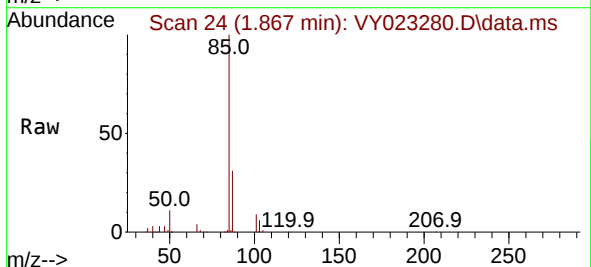
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ClientSampleId :

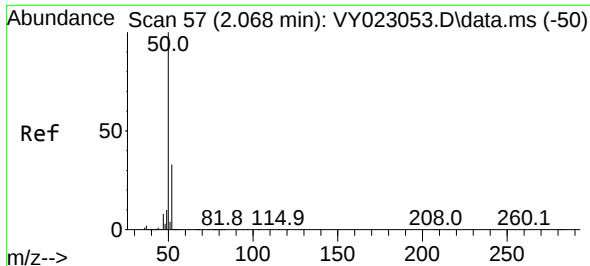
Tgt Ion:168 Resp: 464615
Ion Ratio Lower Upper
168 100
99 50.3 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 20.178 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 85 Resp: 76526
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.8

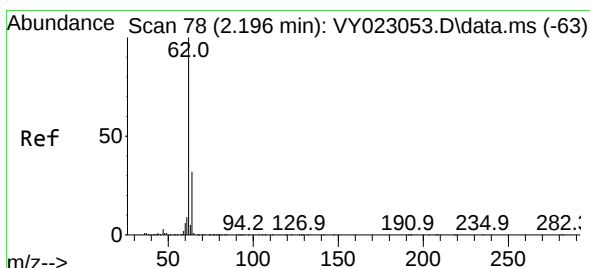
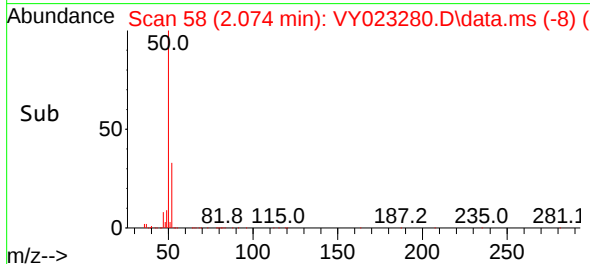
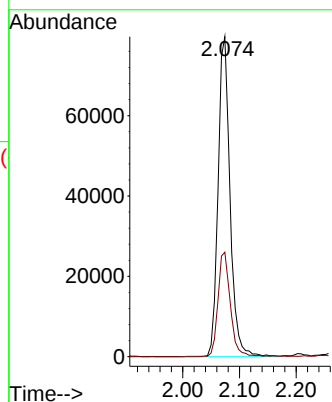
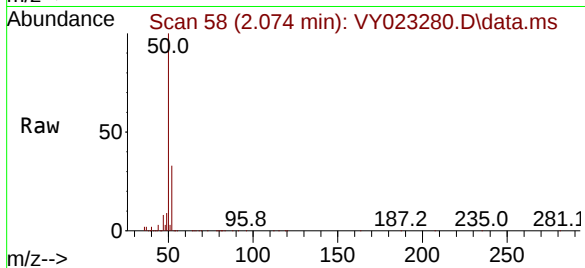




#3
Chloromethane
Concen: 19.010 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

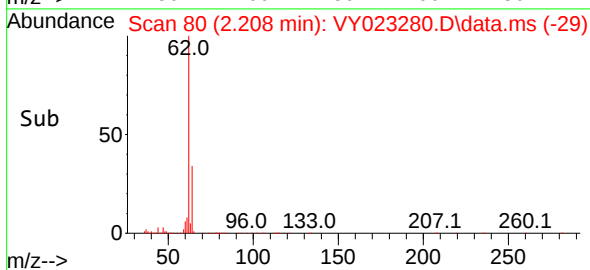
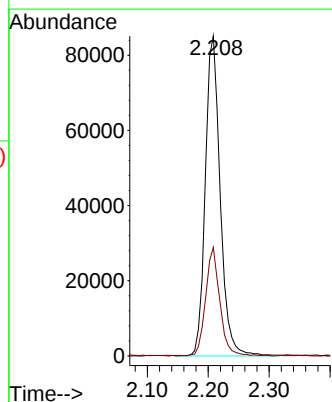
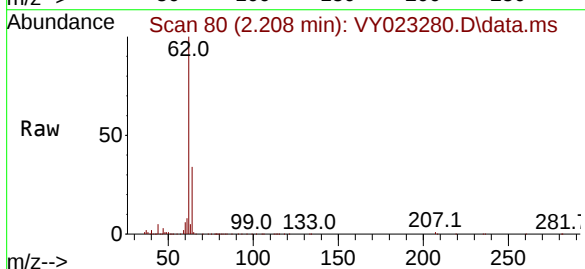
Instrument :
MSVOA_Y
ClientSampleId :

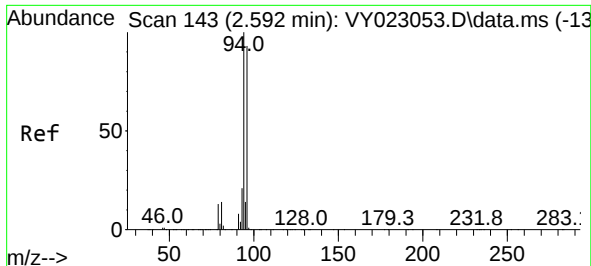
Tgt Ion: 50 Resp: 116769
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 19.082 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 62 Resp: 144889
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.0

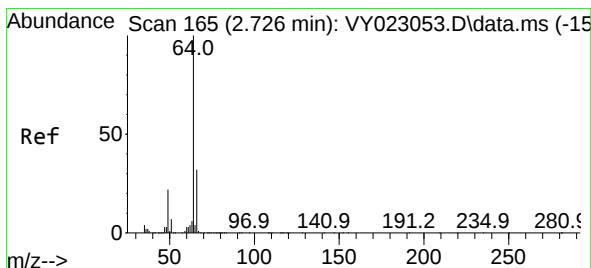
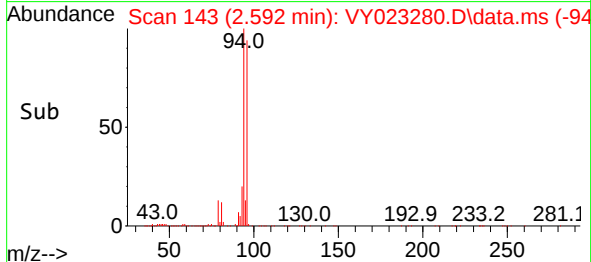
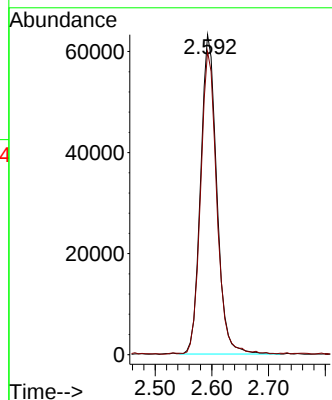
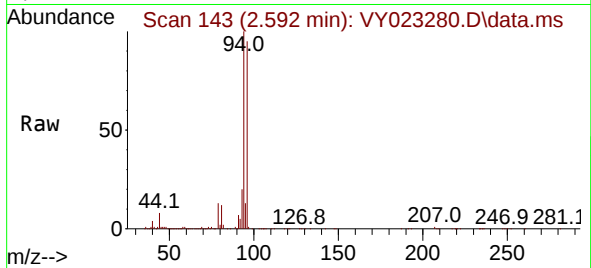




#5
 Bromomethane
 Concen: 22.129 ug/l
 RT: 2.592 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

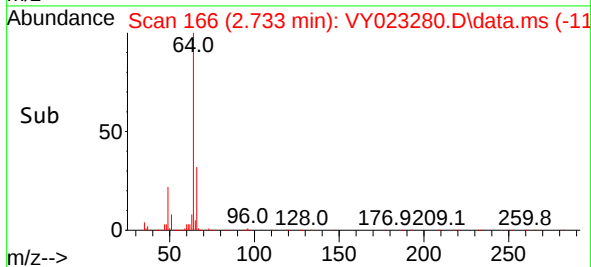
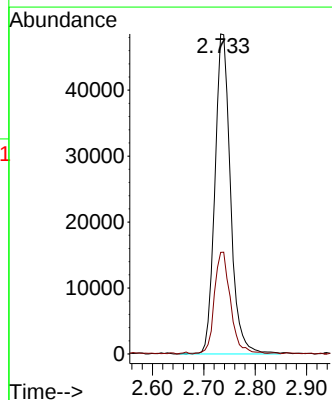
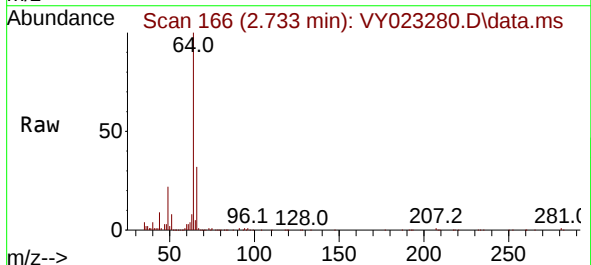
Instrument :
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 ClientSampleId :

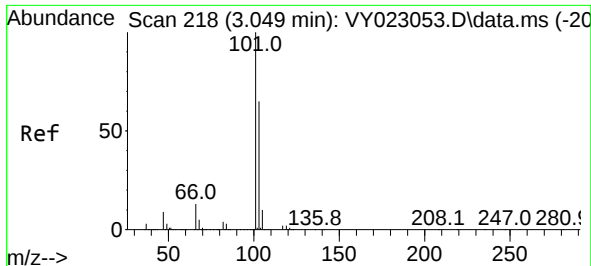
Tgt Ion: 94 Resp: 125488
 Ion Ratio Lower Upper
 94 100
 96 94.5 74.6 112.0



#6
 Chloroethane
 Concen: 20.289 ug/l
 RT: 2.733 min Scan# 166
 Delta R.T. 0.006 min
 Lab File: VY023280.D
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Tgt Ion: 64 Resp: 102422
 Ion Ratio Lower Upper
 64 100
 66 31.6 25.8 38.6

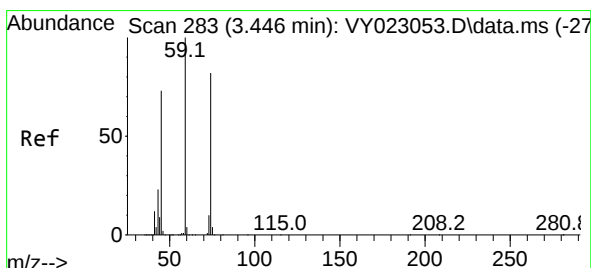
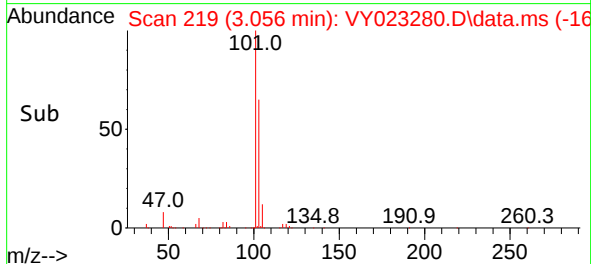
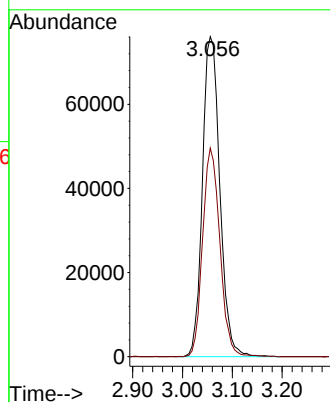
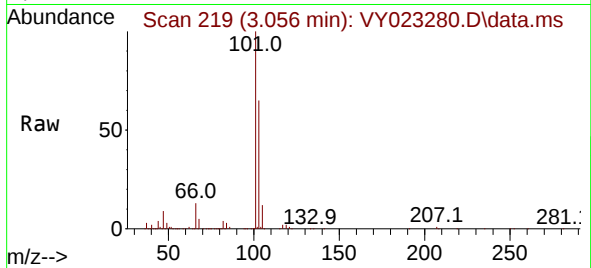




#7
Trichlorofluoromethane
Concen: 19.988 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

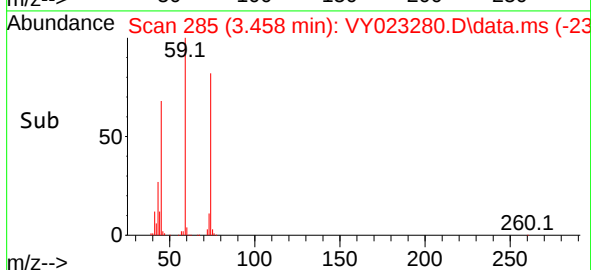
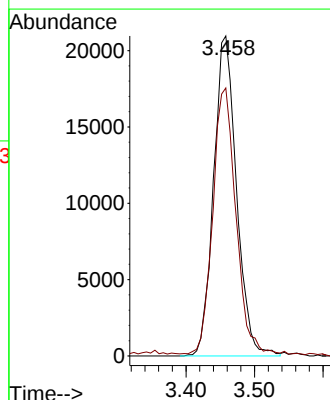
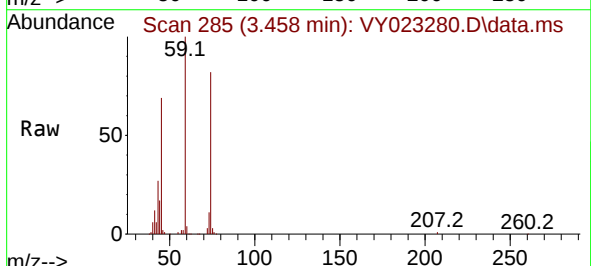
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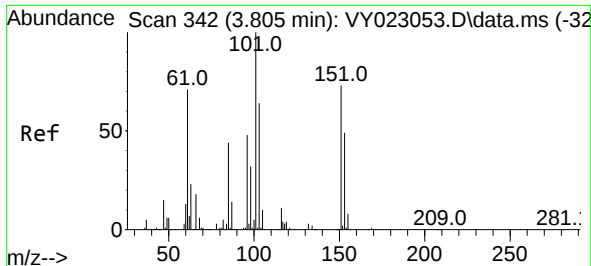
Tgt Ion:101 Resp: 184544
Ion Ratio Lower Upper
101 100
103 65.2 51.9 77.9



#8
Diethyl Ether
Concen: 19.876 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 74 Resp: 48551
Ion Ratio Lower Upper
74 100
45 83.6 44.4 133.2

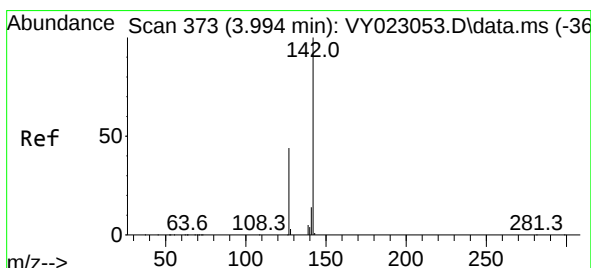
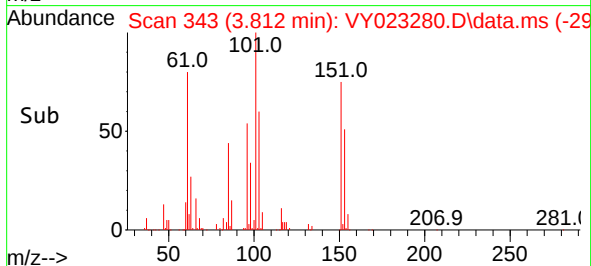
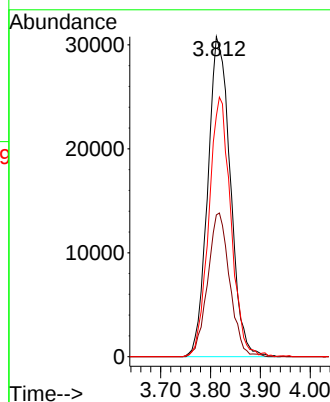
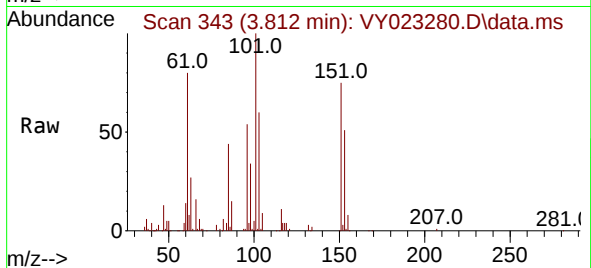




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.220 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

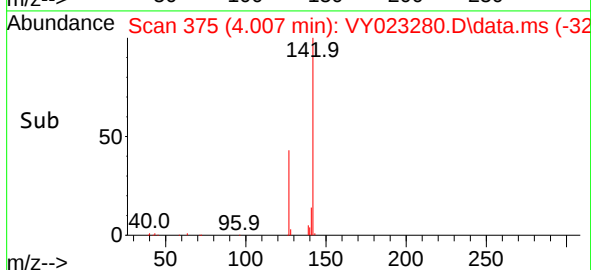
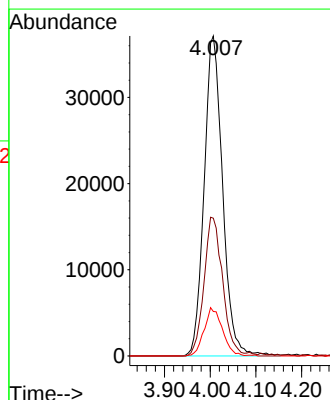
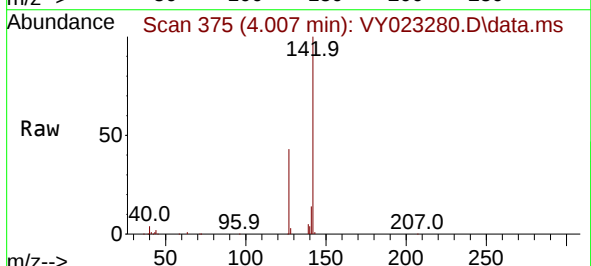
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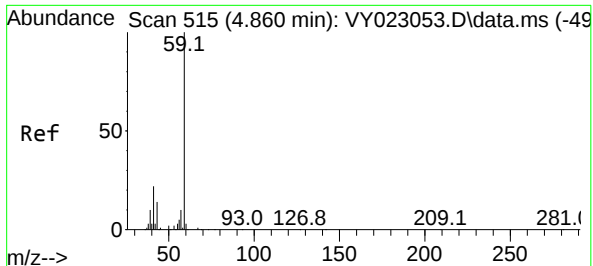
Tgt Ion:101 Resp: 96658
Ion Ratio Lower Upper
101 100
85 43.9 36.3 54.5
151 79.3 61.5 92.3



#10
Methyl Iodide
Concen: 21.226 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion:142 Resp: 104331
Ion Ratio Lower Upper
142 100
127 44.0 34.9 52.3
141 14.9 11.3 16.9





#11

Tert butyl alcohol

Concen: 87.552 ug/l

RT: 4.866 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

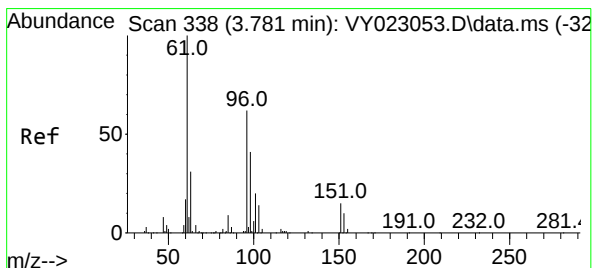
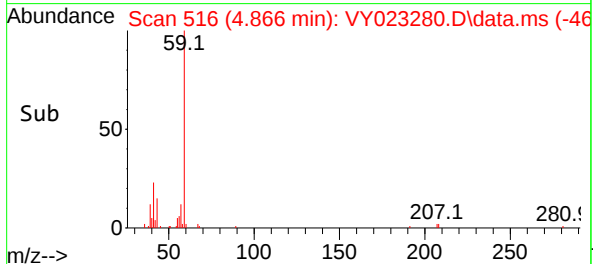
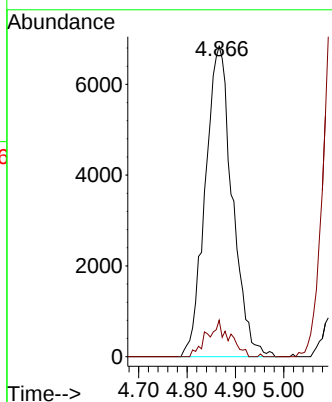
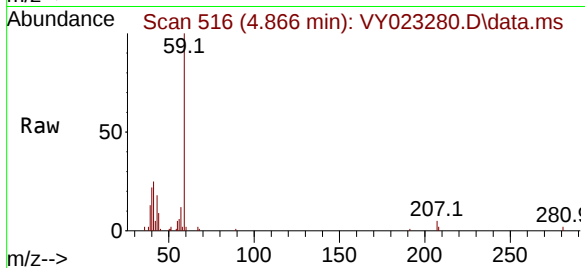
ClientSampleId :

Tgt Ion: 59 Resp: 26564

Ion Ratio Lower Upper

59 100

57 6.8 8.6 13.0#



#12

1,1-Dichloroethene

Concen: 20.109 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

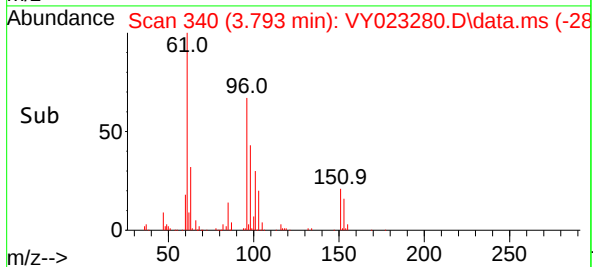
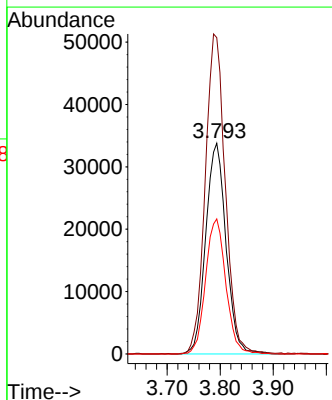
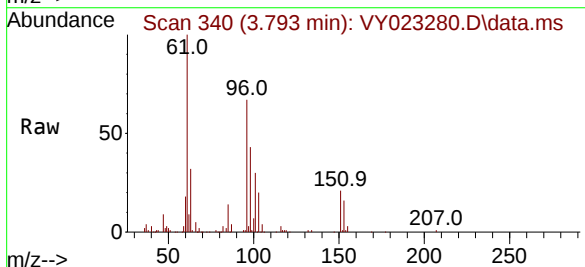
Tgt Ion: 96 Resp: 90033

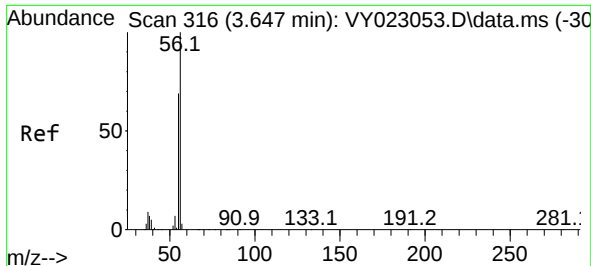
Ion Ratio Lower Upper

96 100

61 150.1 129.4 194.2

98 64.1 52.8 79.2

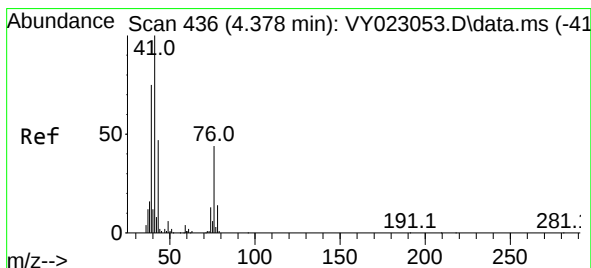
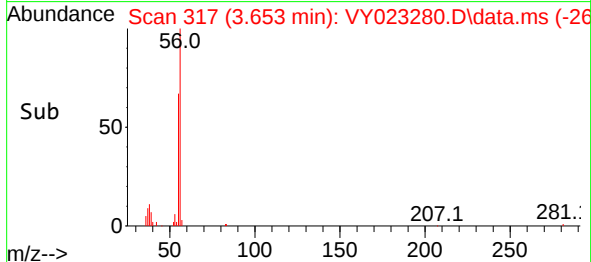
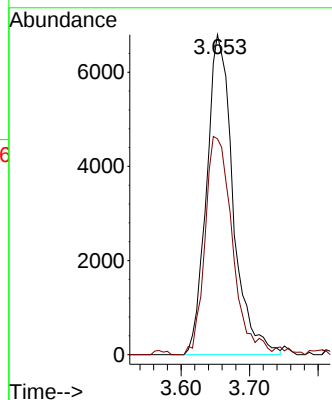
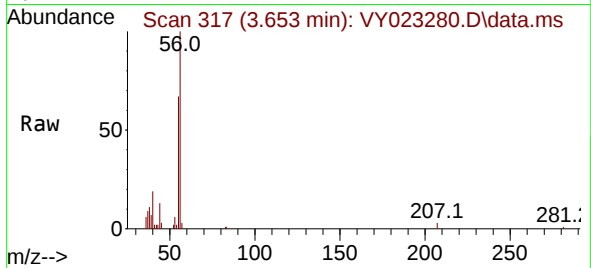




#13
Acrolein
Concen: 41.004 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

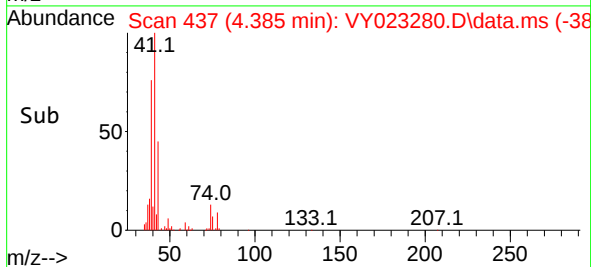
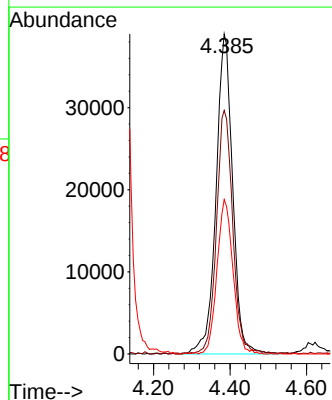
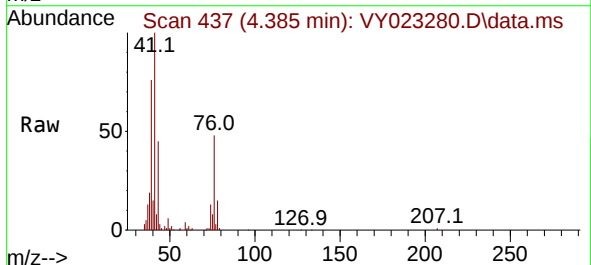
Instrument :
MSVOA_Y
ClientSampleId :

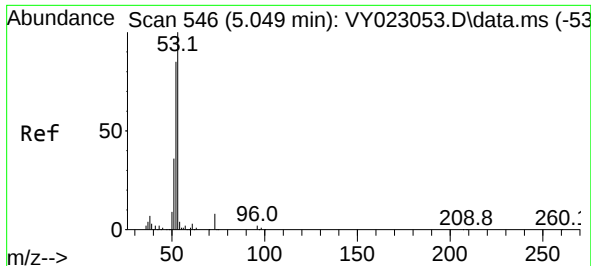
Tgt Ion: 56 Resp: 18220
Ion Ratio Lower Upper
56 100
55 70.4 55.2 82.8



#14
Allyl chloride
Concen: 17.855 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

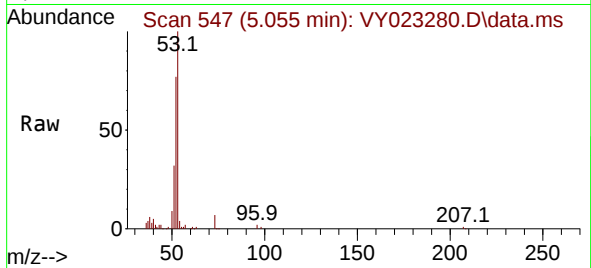
Tgt Ion: 41 Resp: 117629
Ion Ratio Lower Upper
41 100
39 74.8 59.8 89.6
76 46.3 33.7 50.5



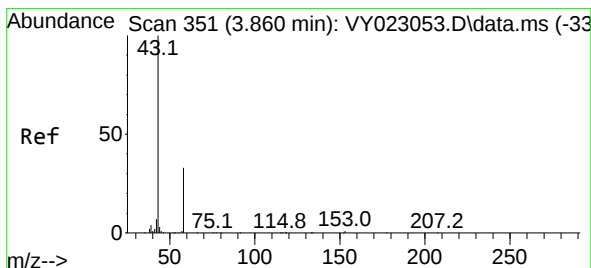
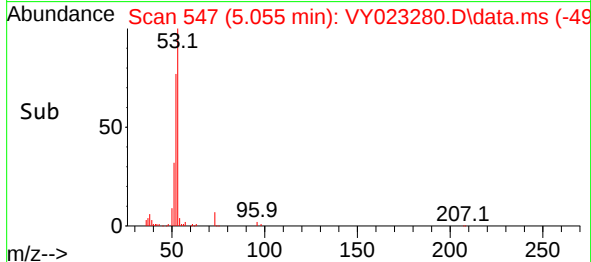
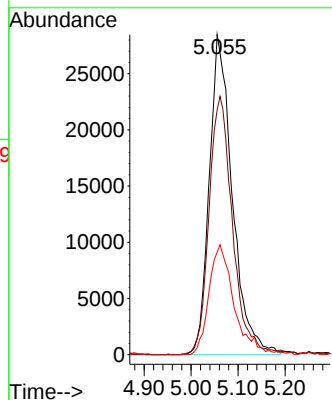


#15
Acrylonitrile
Concen: 97.622 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :

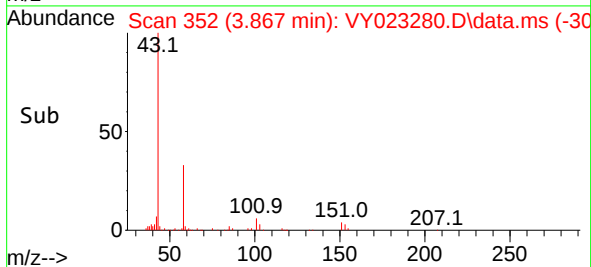
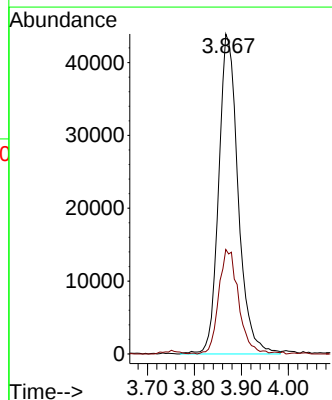
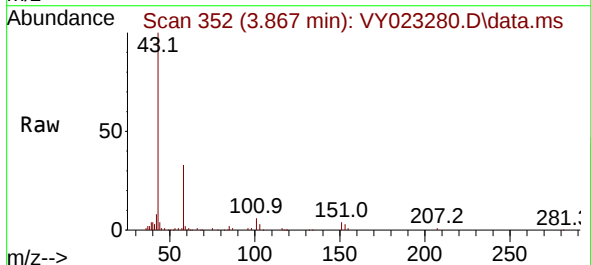


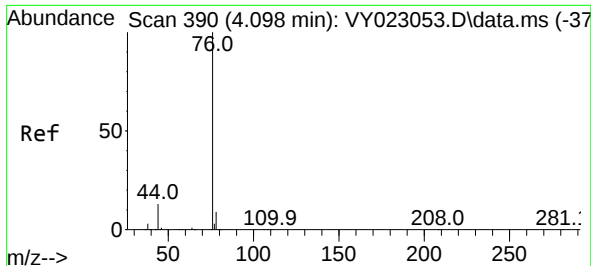
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.3	97.9
51	37.1	29.5	44.3



#16
Acetone
Concen: 131.750 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.2	27.1	40.7

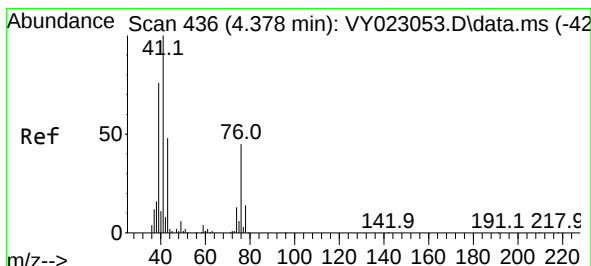
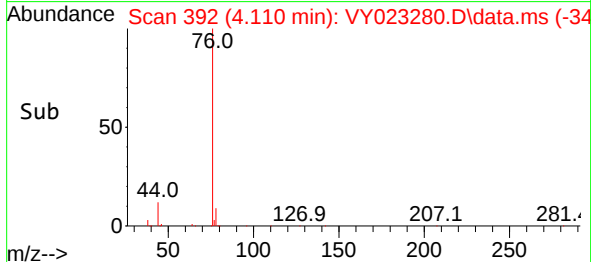
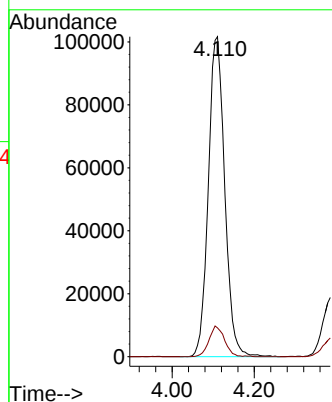
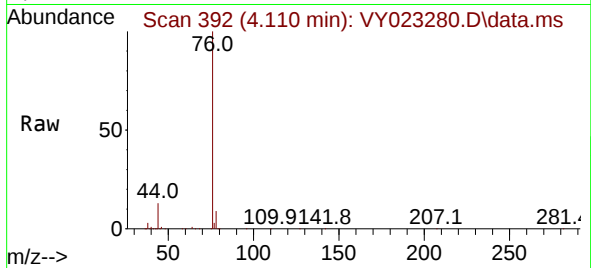




#17
Carbon Disulfide
Concen: 19.265 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

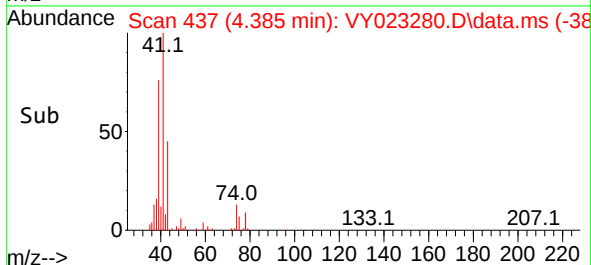
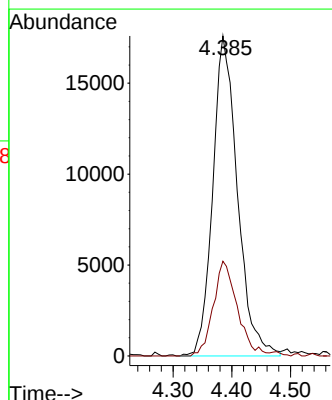
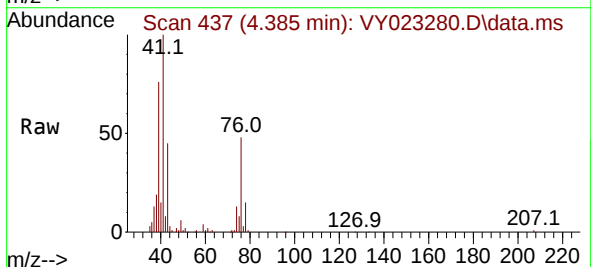
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 281241
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 17.999 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 43 Resp: 51383
Ion Ratio Lower Upper
43 100
74 28.7 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 19.296 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

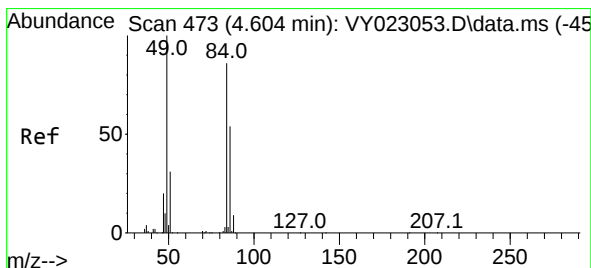
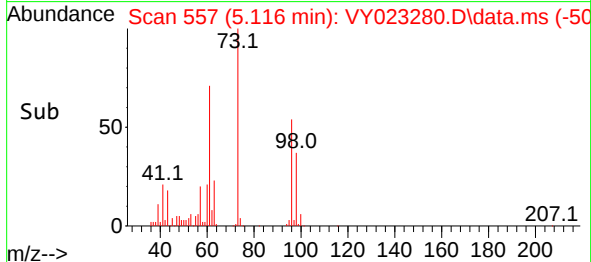
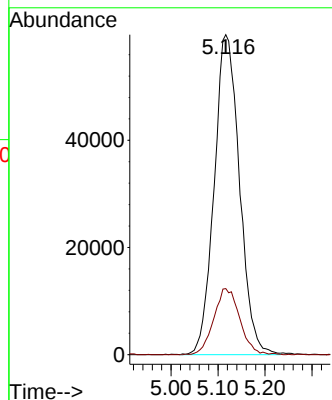
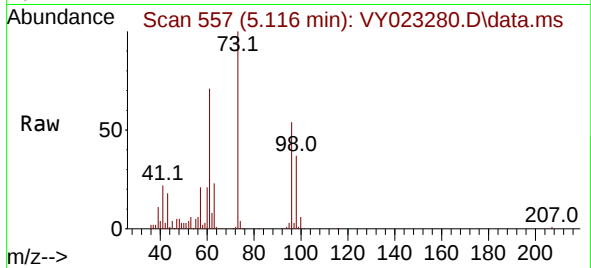
ClientSampleId :

Tgt Ion: 73 Resp: 223863

Ion Ratio Lower Upper

73 100

57 20.7 17.1 25.7



#20

Methylene Chloride

Concen: 21.238 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Tgt Ion: 84 Resp: 113665

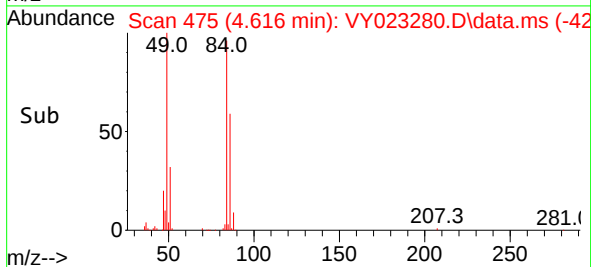
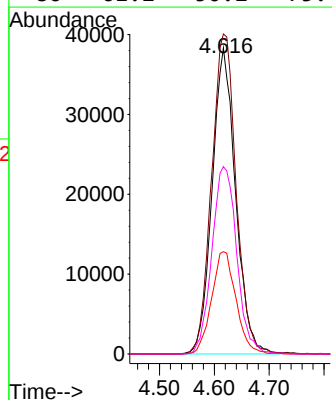
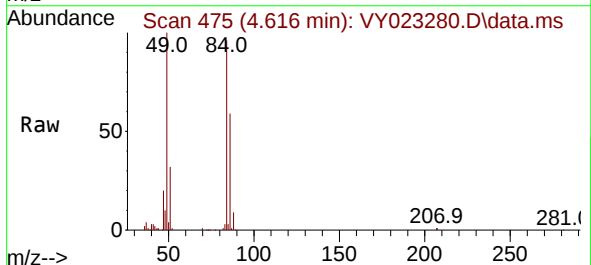
Ion Ratio Lower Upper

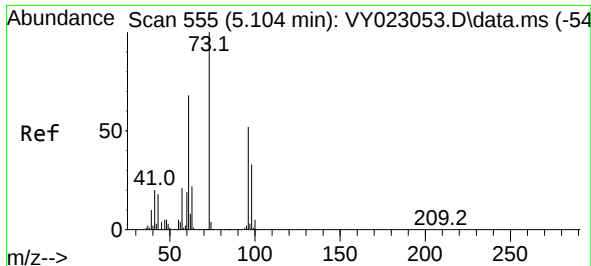
84 100

49 104.5 93.0 139.6

51 33.4 29.0 43.4

86 61.2 50.2 75.4

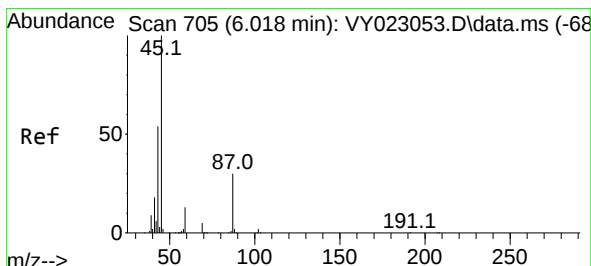
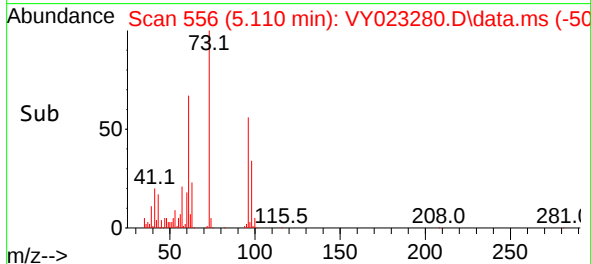
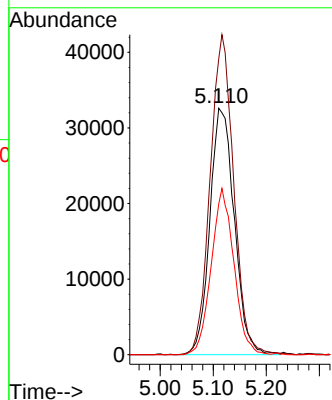
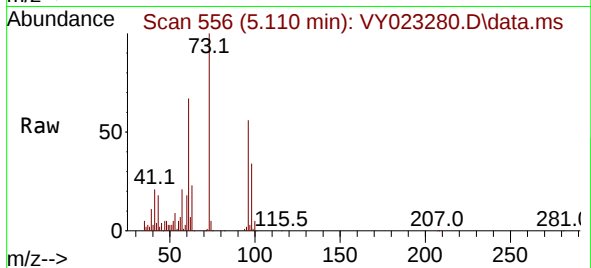




#21
trans-1,2-Dichloroethene
Concen: 20.829 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

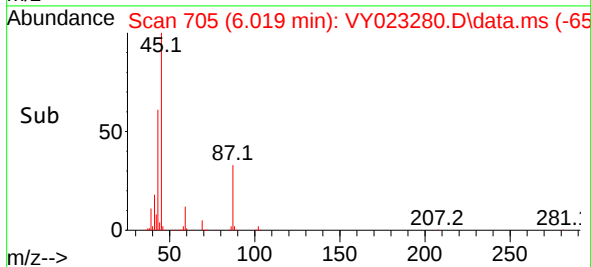
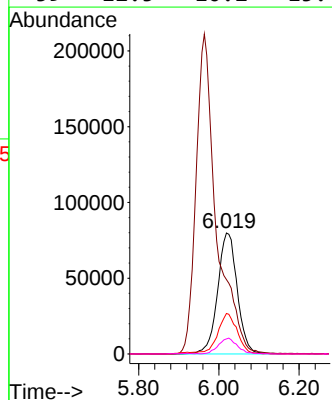
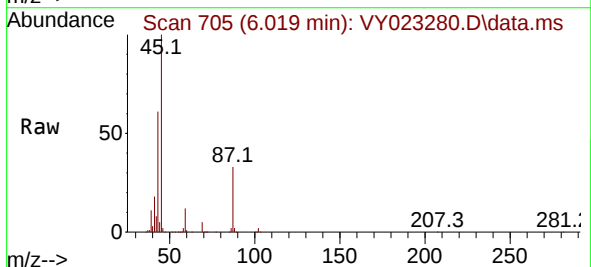
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 104802
Ion Ratio Lower Upper
96 100
61 120.0 104.8 157.2
98 61.2 50.1 75.1



#22
Diisopropyl ether
Concen: 18.929 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 45 Resp: 270975
Ion Ratio Lower Upper
45 100
43 60.8 43.4 65.0
87 33.4 24.4 36.6
59 12.5 10.2 15.4

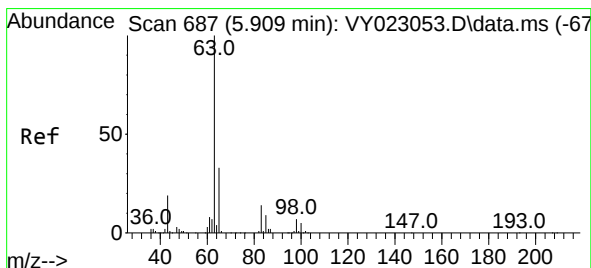
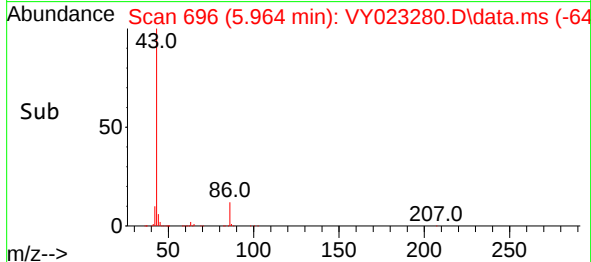
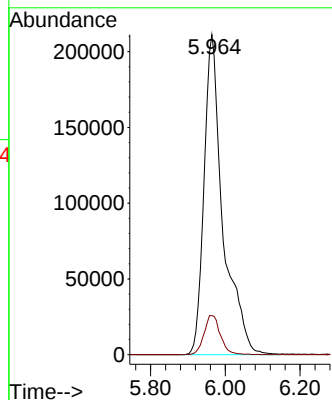
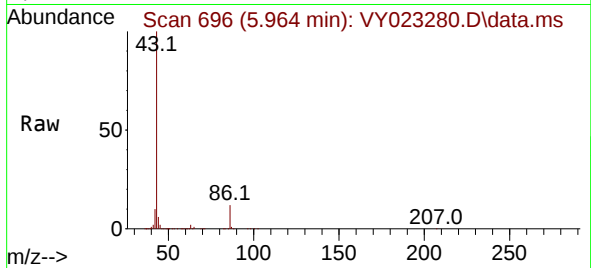




#23
 Vinyl Acetate
 Concen: 93.664 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

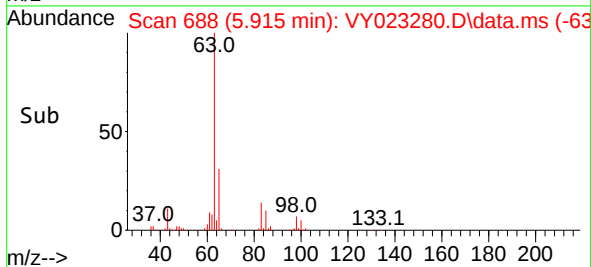
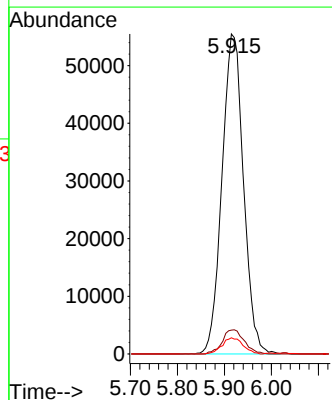
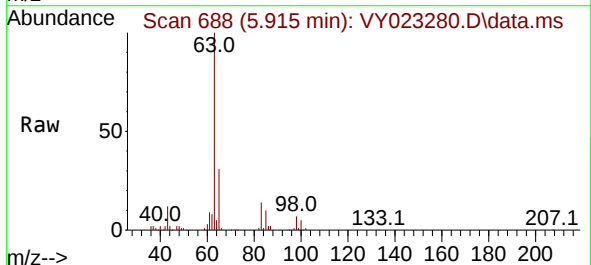
Instrument :
 MSVOA_Y
 ClientSampleId :

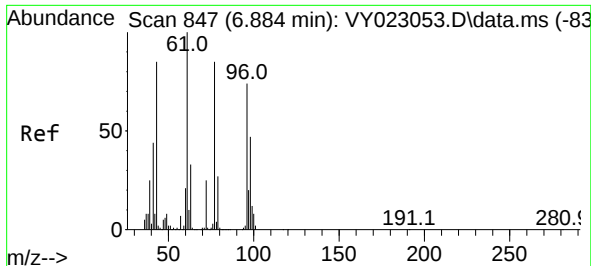
Tgt Ion: 43 Resp: 741430
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.178 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

Tgt Ion: 63 Resp: 176604
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 108.796 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

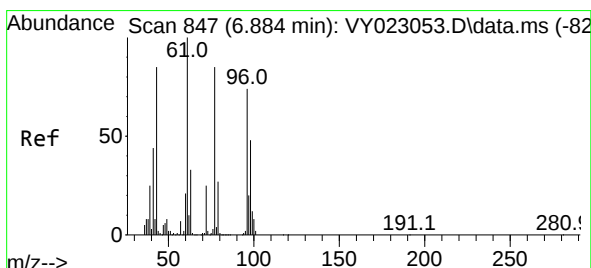
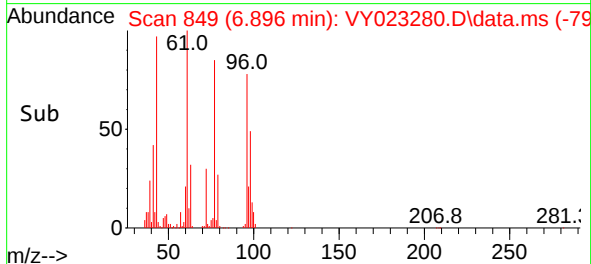
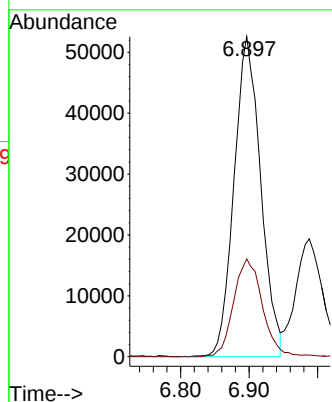
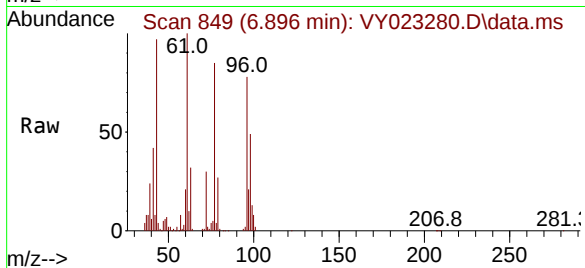
ClientSampleId :

Tgt Ion: 43 Resp: 141948

Ion Ratio Lower Upper

43 100

72 30.6 23.5 35.3



#26

2,2-Dichloropropane

Concen: 20.351 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023280.D

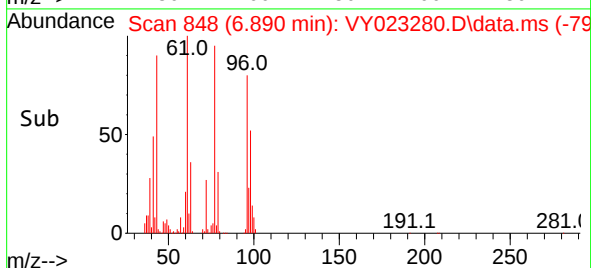
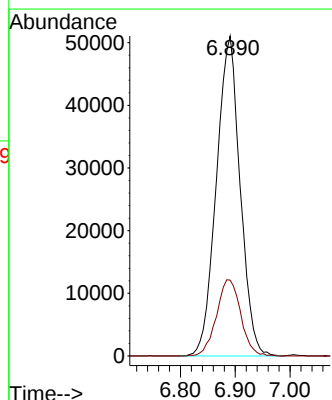
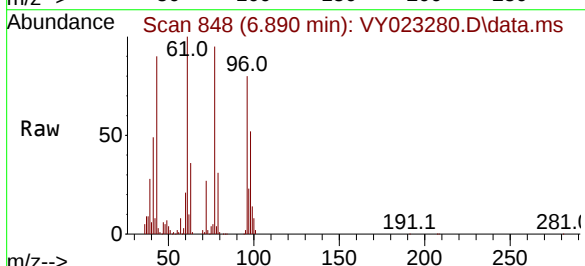
Acq: 04 Sep 2025 10:03

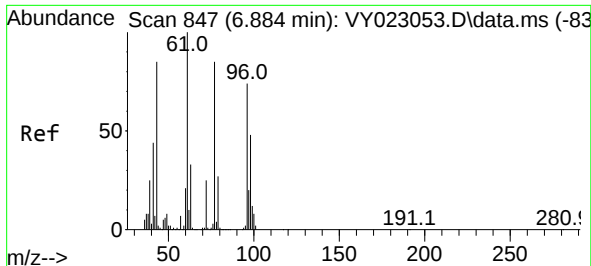
Tgt Ion: 77 Resp: 153698

Ion Ratio Lower Upper

77 100

97 24.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.599 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

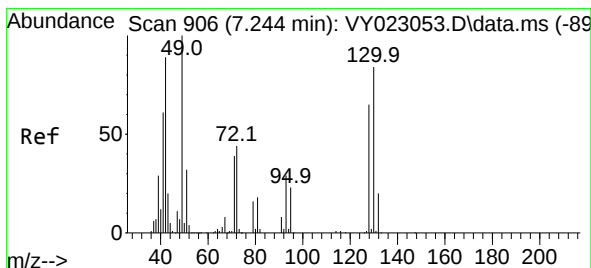
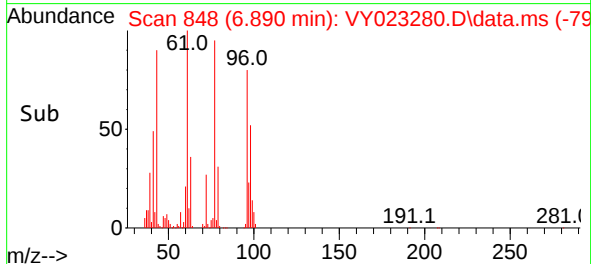
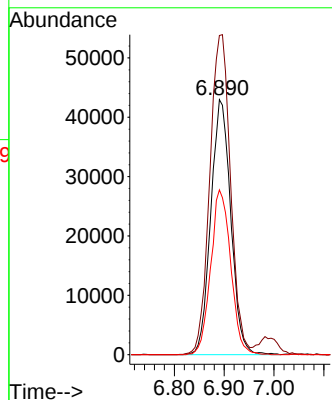
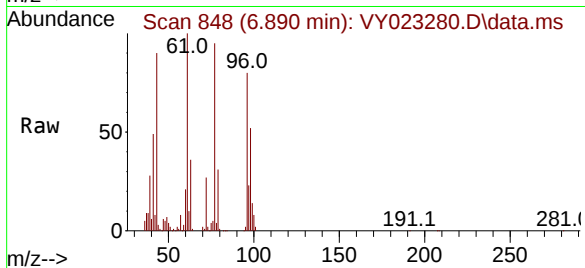
Tgt Ion: 96 Resp: 119818

Ion Ratio Lower Upper

96 100

61 130.2 0.0 278.6

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 20.194 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

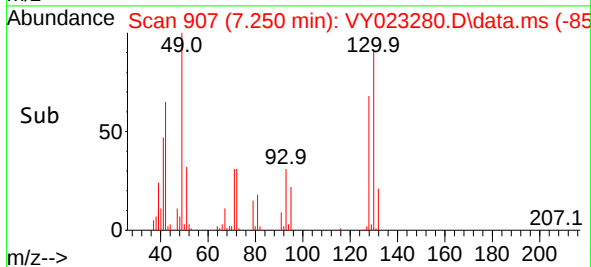
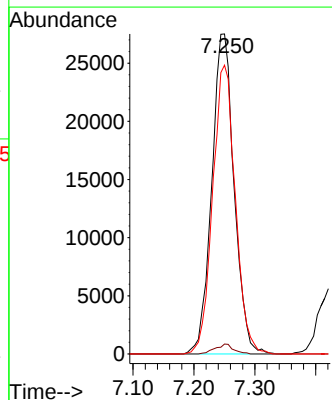
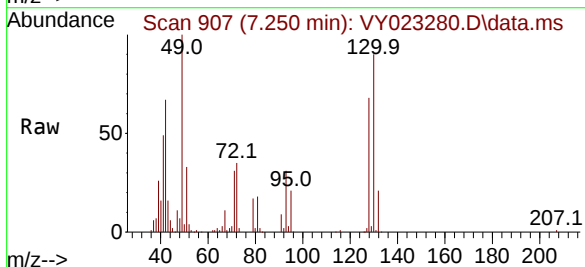
Tgt Ion: 49 Resp: 70122

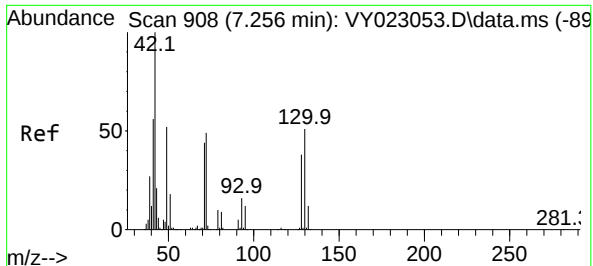
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 91.4 66.4 99.6





#29

Tetrahydrofuran

Concen: 92.715 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

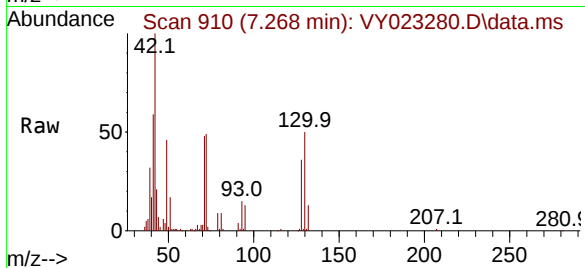
Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :



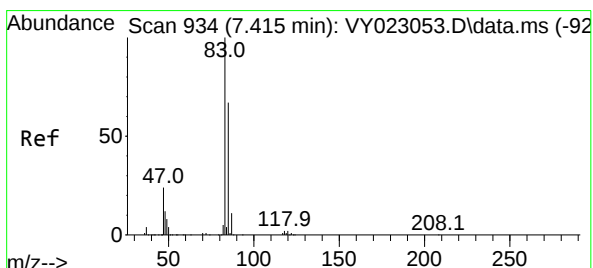
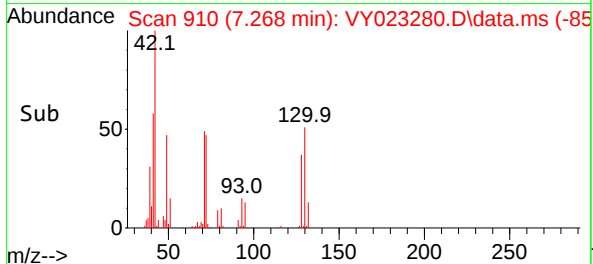
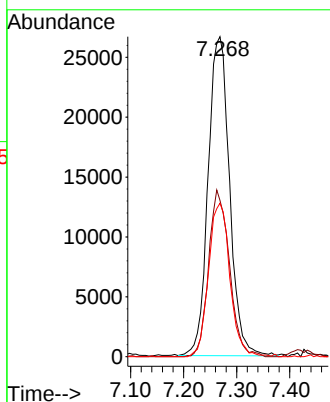
Tgt Ion: 42 Resp: 74982

Ion Ratio Lower Upper

42 100

72 50.7 39.4 59.2

71 48.0 36.5 54.7



#30

Chloroform

Concen: 21.248 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023280.D

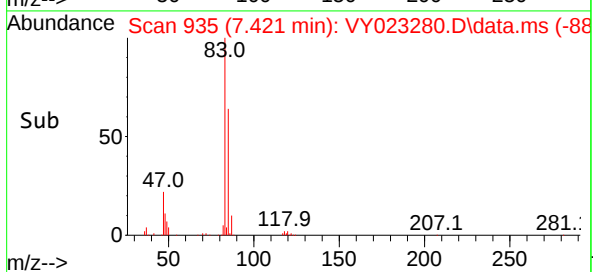
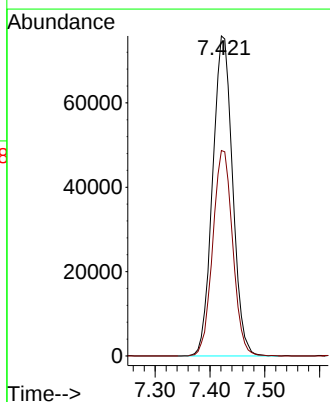
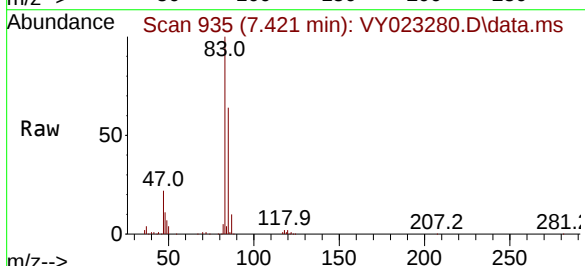
Acq: 04 Sep 2025 10:03

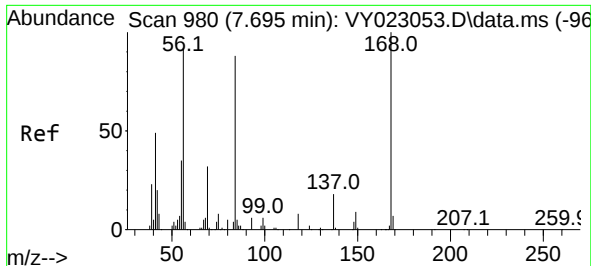
Tgt Ion: 83 Resp: 191797

Ion Ratio Lower Upper

83 100

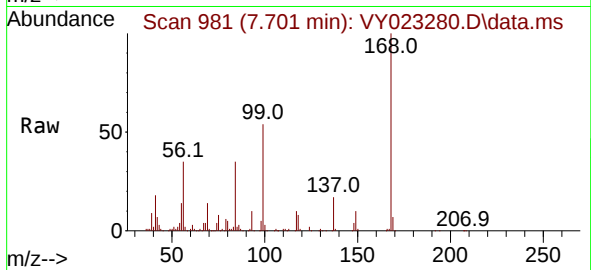
85 64.2 53.8 80.8



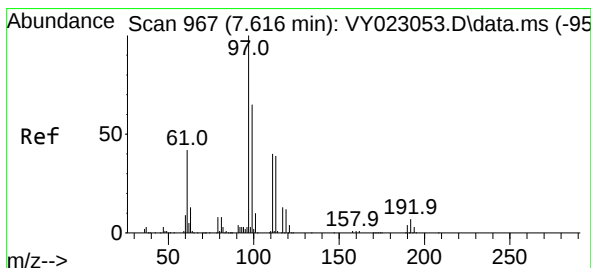
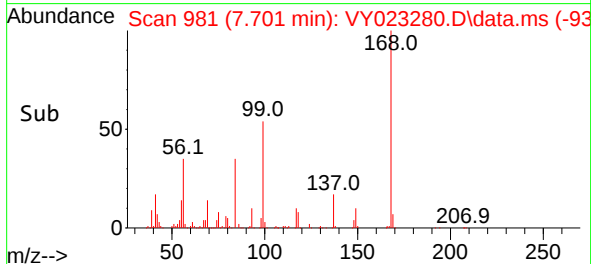
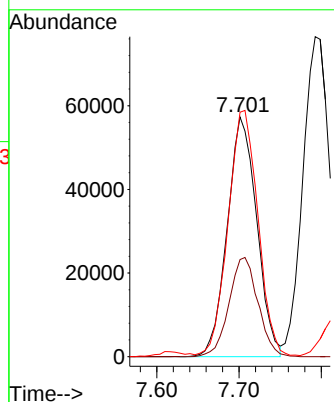


#31
Cyclohexane
Concen: 17.369 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :

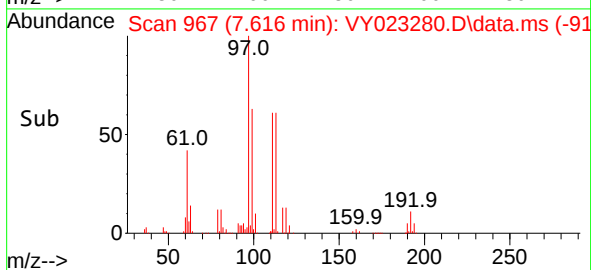
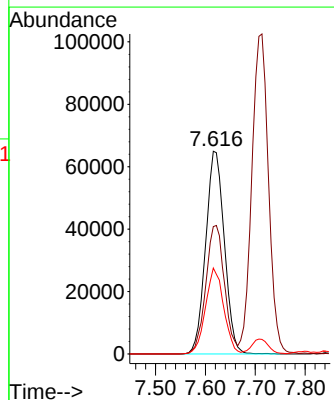
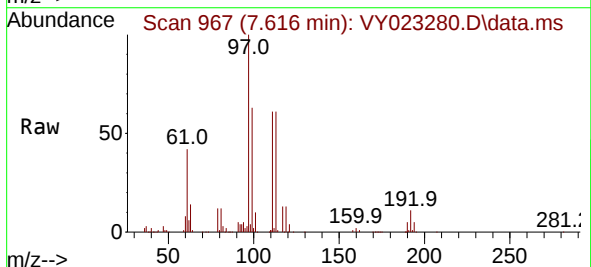


Tgt Ion: 56 Resp: 143260
Ion Ratio Lower Upper
56 100
69 40.5 28.2 42.2
84 100.5 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.111 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 97 Resp: 169084
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 41.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.611 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

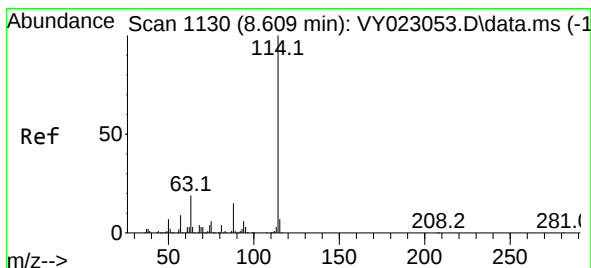
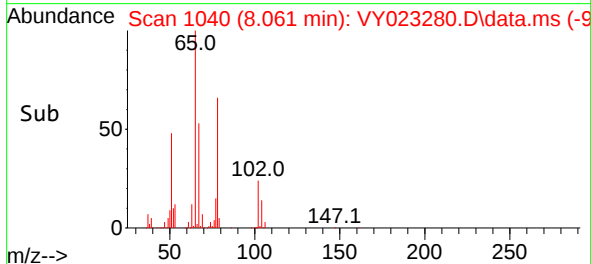
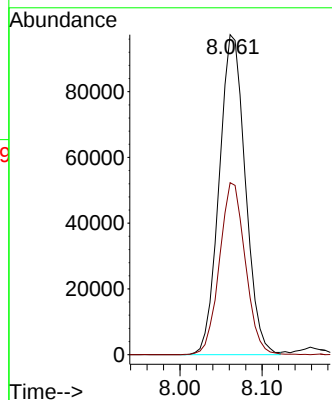
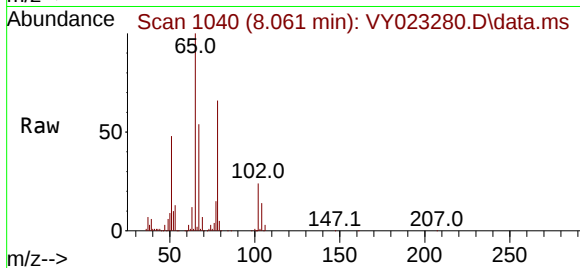
ClientSampleId :

Tgt Ion: 65 Resp: 215256

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

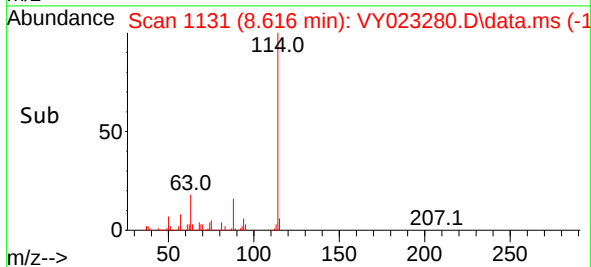
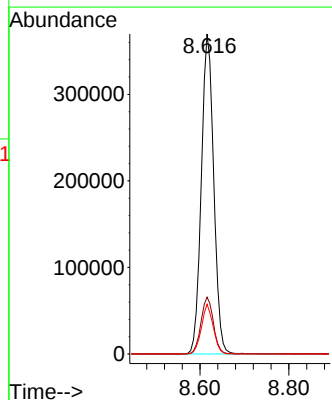
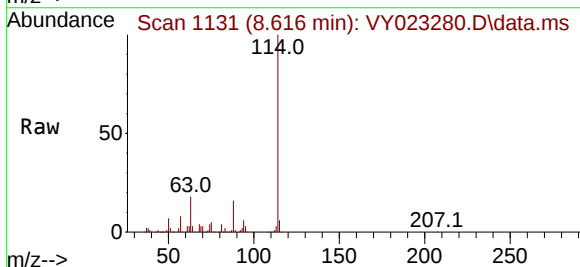
Tgt Ion: 114 Resp: 719782

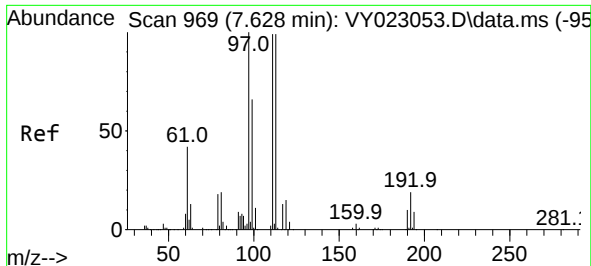
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 15.5 0.0 30.0

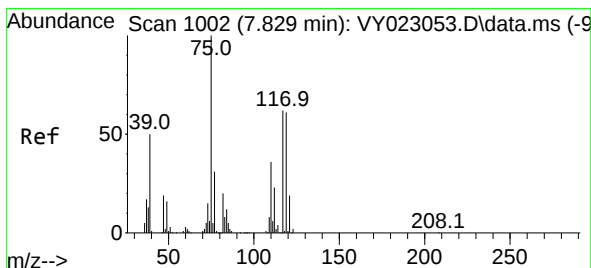
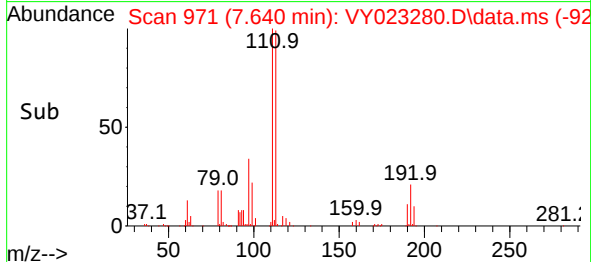
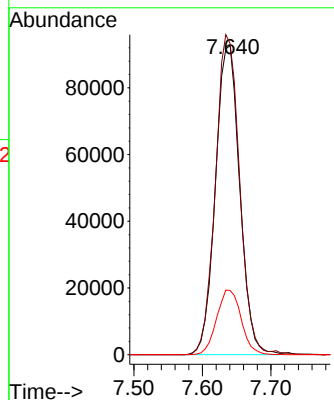
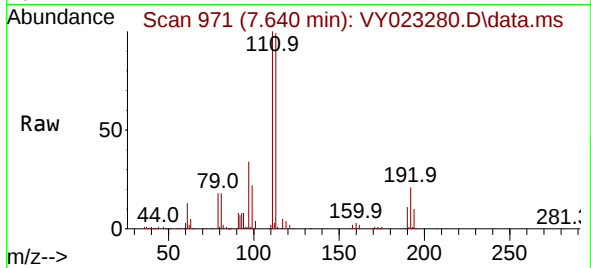




#35
Dibromofluoromethane
Concen: 52.946 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

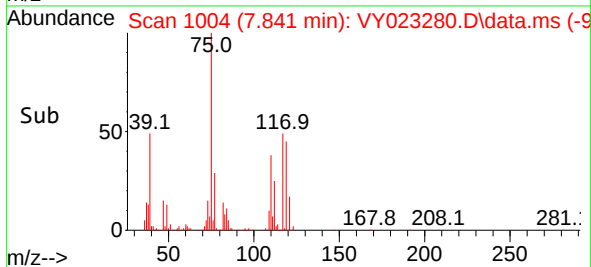
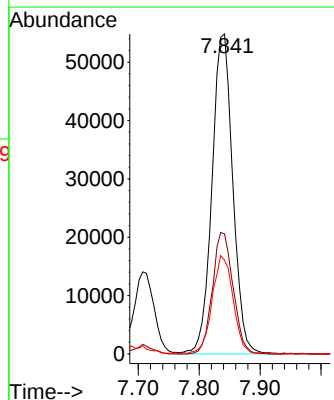
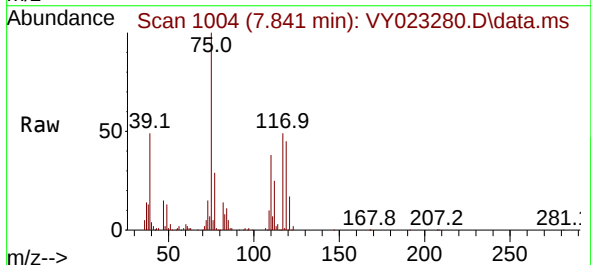
Instrument :
MSVOA_Y
ClientSampleId :

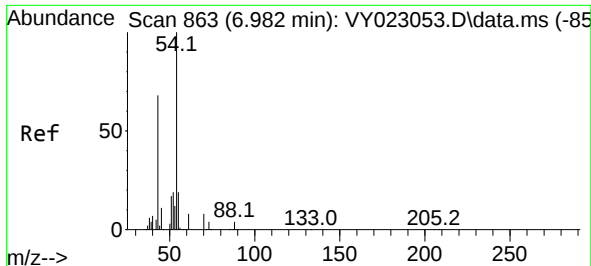
Tgt Ion:113 Resp: 228035
Ion Ratio Lower Upper
113 100
111 103.1 81.1 121.7
192 21.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.329 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 75 Resp: 130122
Ion Ratio Lower Upper
75 100
110 37.7 18.1 54.4
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 19.693 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

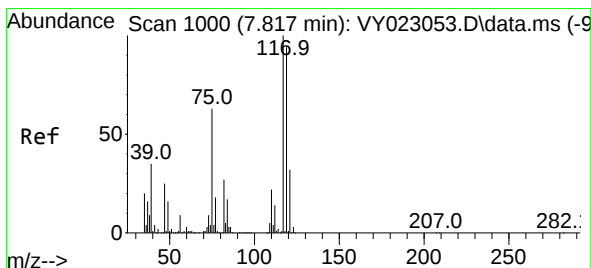
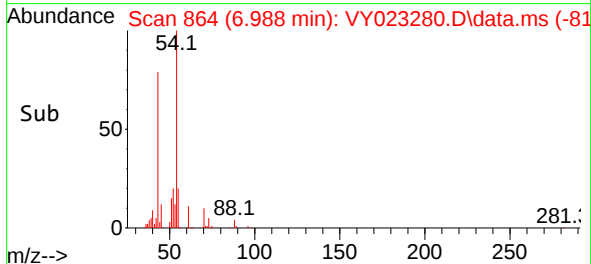
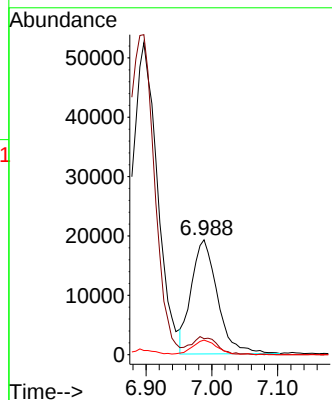
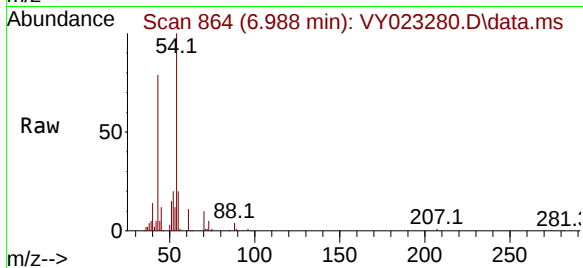
Tgt Ion: 43 Resp: 52951

Ion Ratio Lower Upper

43 100

61 15.3 11.9 17.9

70 11.1 8.8 13.2



#38

Carbon Tetrachloride

Concen: 21.432 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

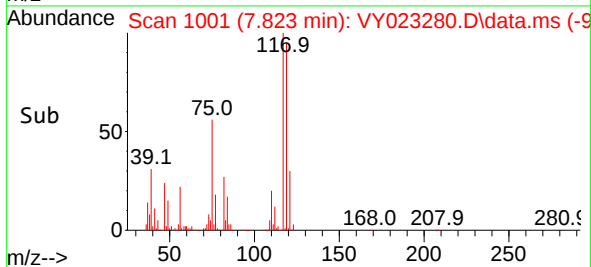
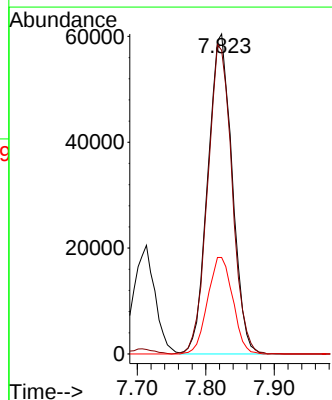
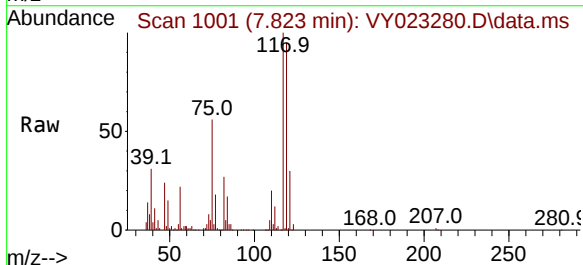
Tgt Ion: 117 Resp: 148999

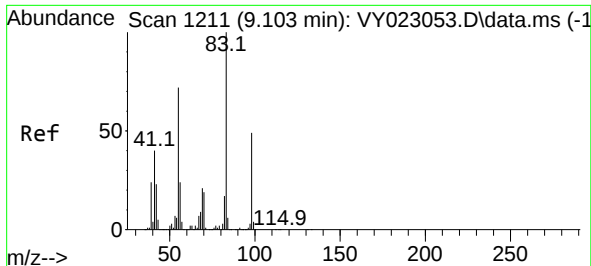
Ion Ratio Lower Upper

117 100

119 94.8 75.6 113.4

121 30.1 25.8 38.8





#39

Methylcyclohexane

Concen: 18.944 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

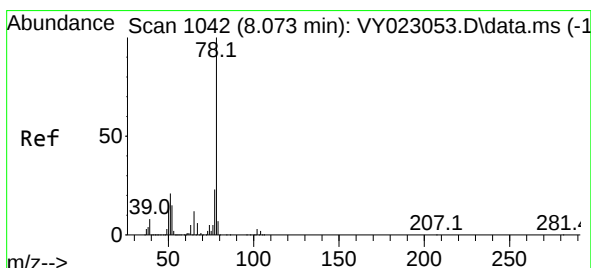
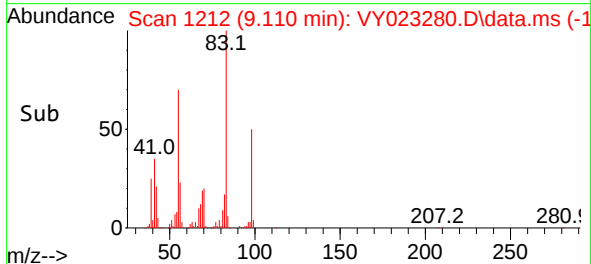
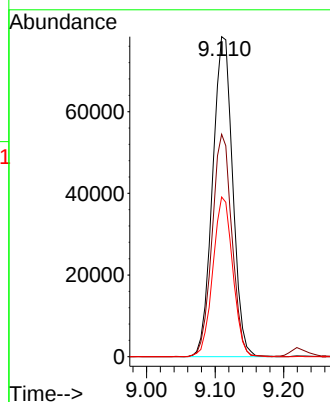
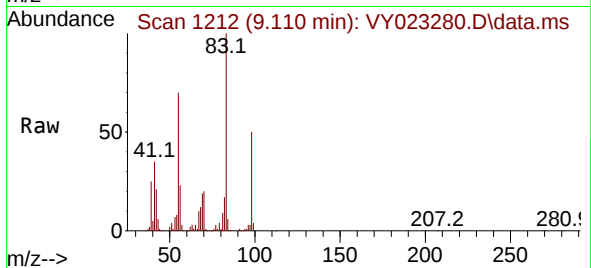
Tgt Ion: 83 Resp: 159680

Ion Ratio Lower Upper

83 100

55 69.4 57.6 86.4

98 49.9 39.2 58.8



#40

Benzene

Concen: 21.148 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023280.D

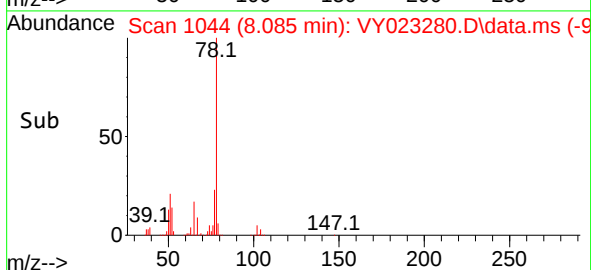
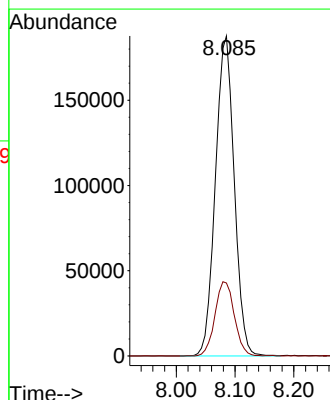
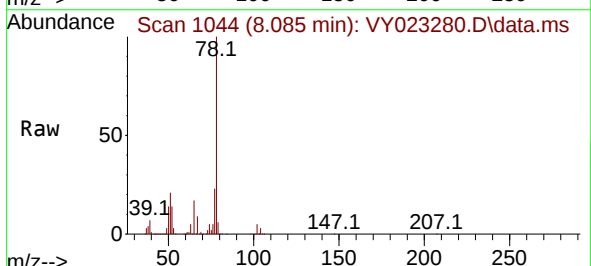
Acq: 04 Sep 2025 10:03

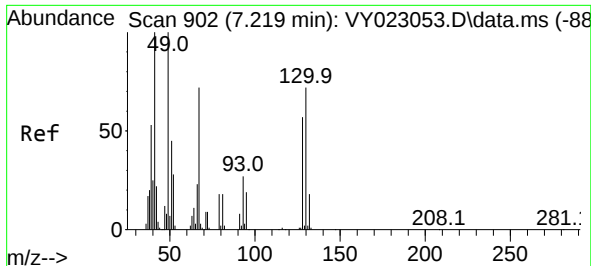
Tgt Ion: 78 Resp: 417201

Ion Ratio Lower Upper

78 100

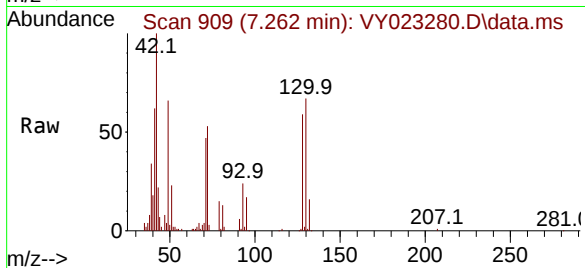
77 22.8 18.6 28.0



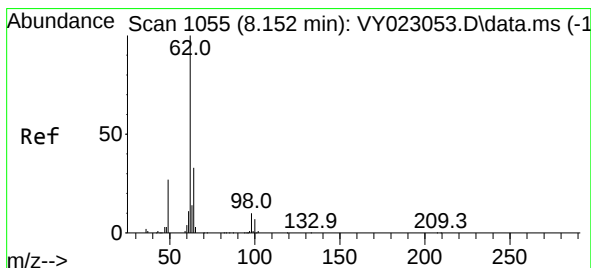
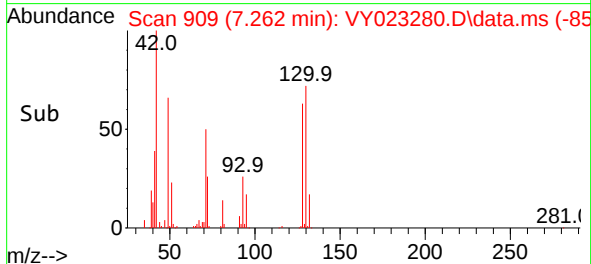
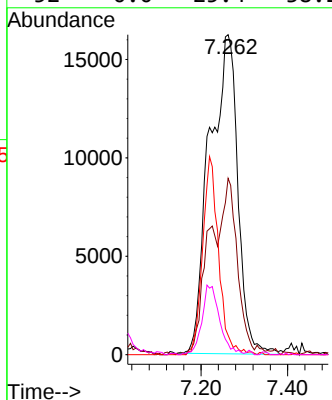


#41
Methacrylonitrile
Concen: 47.303 ug/l
RT: 7.262 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :

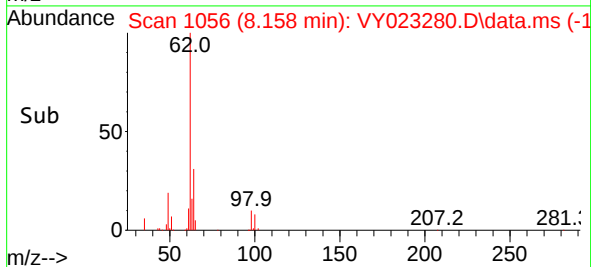
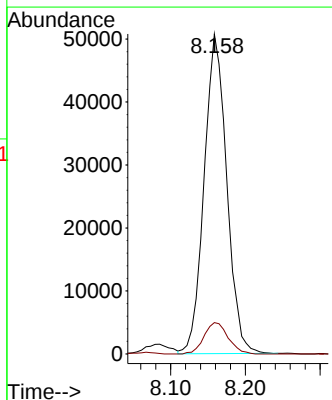
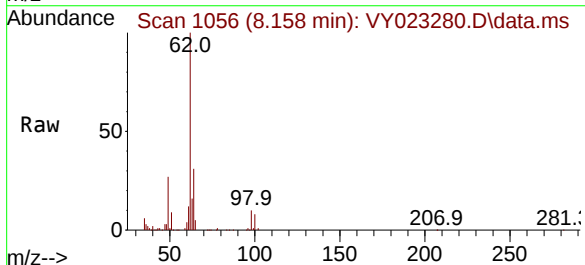


Tgt Ion: 41 Resp: 73402
Ion Ratio Lower Upper
41 100
39 30.0 43.4 65.2#
67 0.0 63.6 95.4#
52 0.0 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 20.760 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 62 Resp: 106515
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6

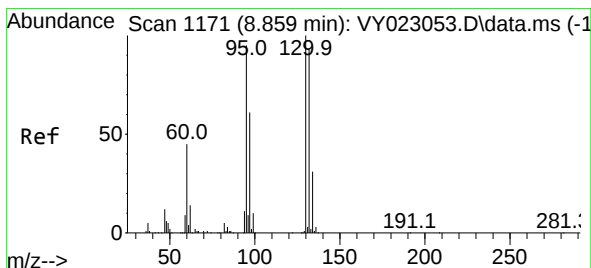
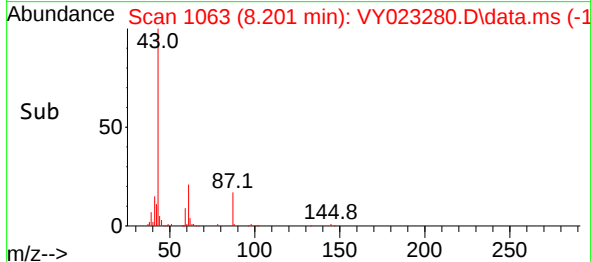
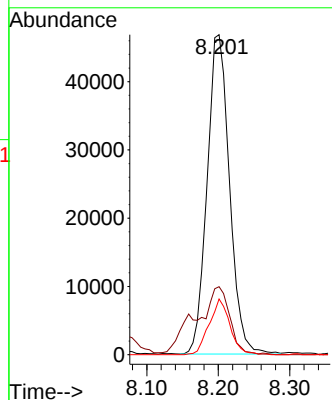
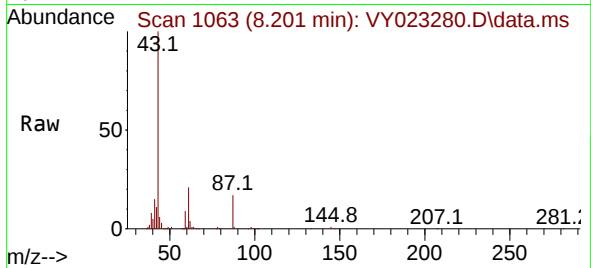




#43
Isopropyl Acetate
Concen: 18.785 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

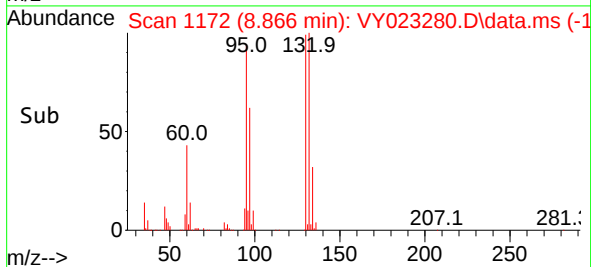
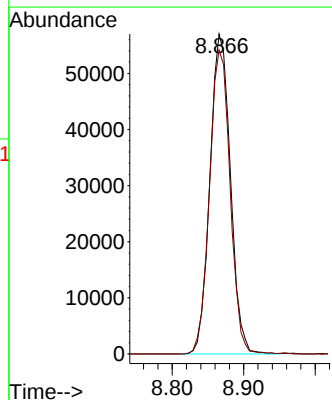
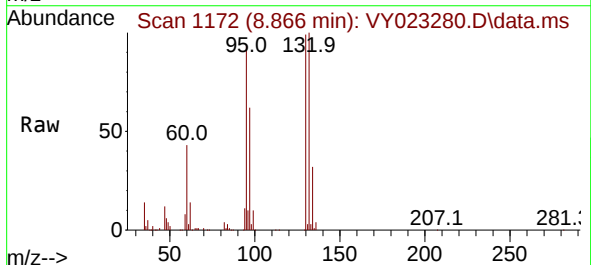
Instrument :
MSVOA_Y
ClientSampleId :

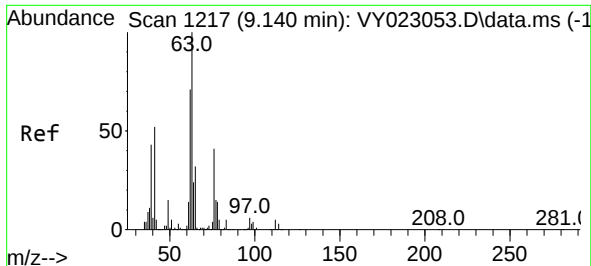
Tgt Ion: 43 Resp: 102085
Ion Ratio Lower Upper
43 100
61 18.6 16.4 24.6
87 16.2 11.8 17.6



#44
Trichloroethene
Concen: 22.261 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion:130 Resp: 113489
Ion Ratio Lower Upper
130 100
95 95.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 21.343 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

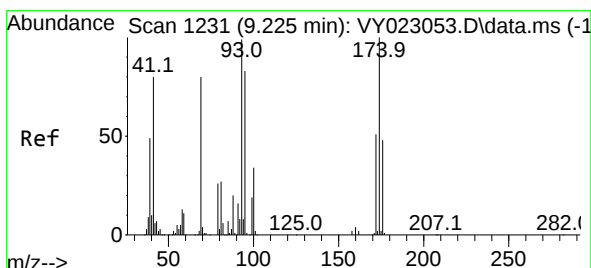
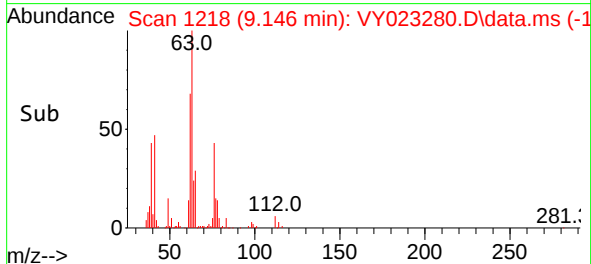
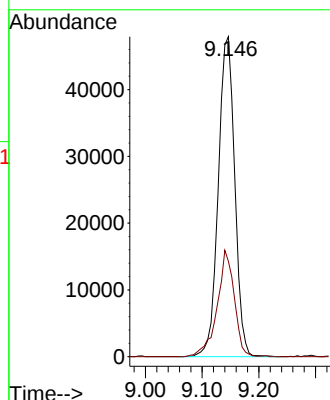
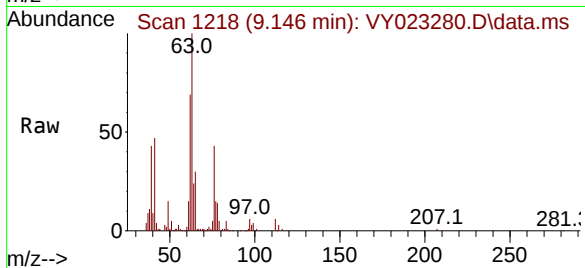
ClientSampleId :

Tgt Ion: 63 Resp: 96879

Ion Ratio Lower Upper

63 100

65 29.8 25.3 37.9



#46

Dibromomethane

Concen: 22.583 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

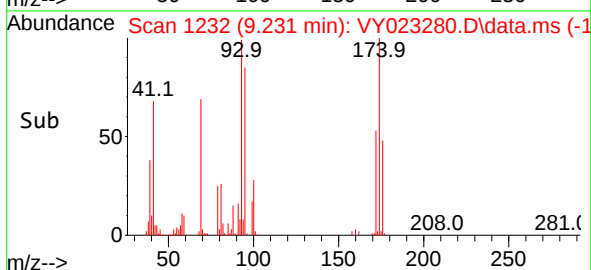
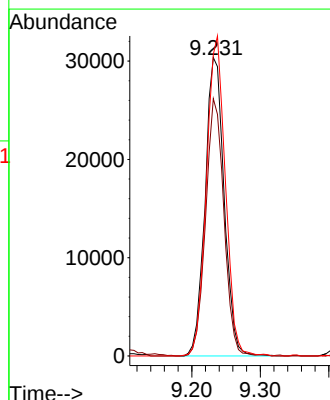
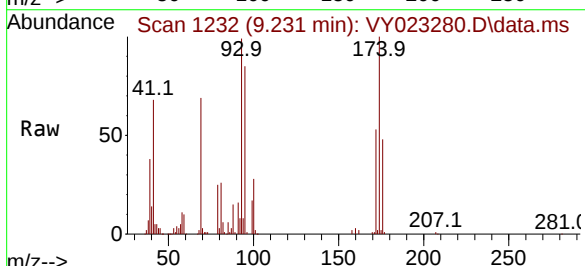
Tgt Ion: 93 Resp: 58837

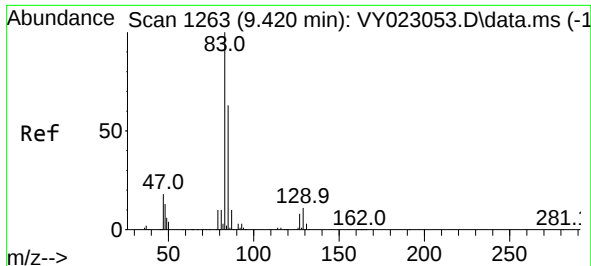
Ion Ratio Lower Upper

93 100

95 82.7 66.5 99.7

174 106.3 81.8 122.8

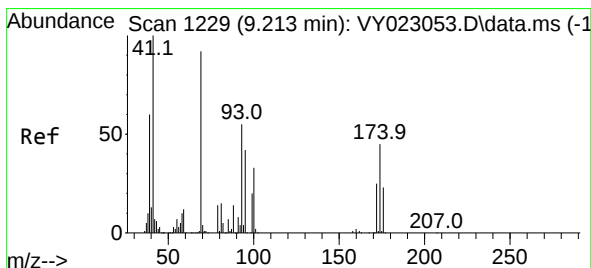
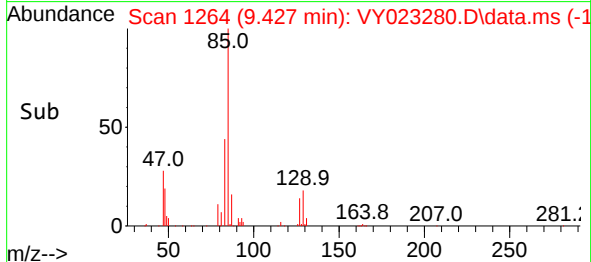
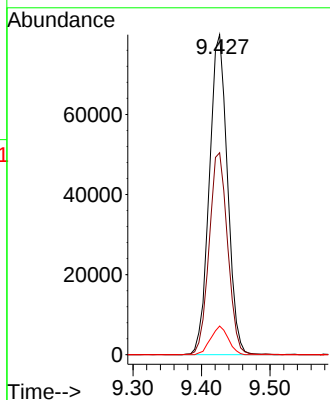
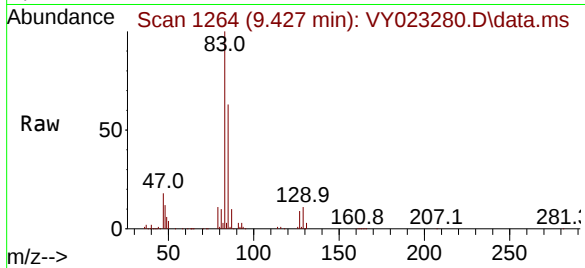




#47
 Bromodichloromethane
 Concen: 21.937 ug/l
 RT: 9.427 min Scan# 1263
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

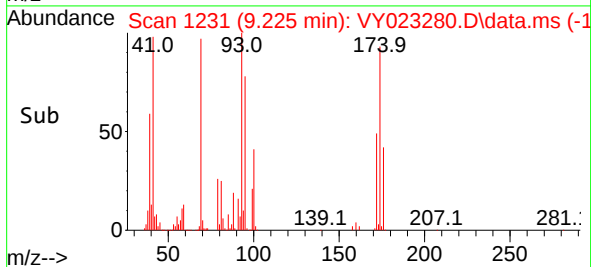
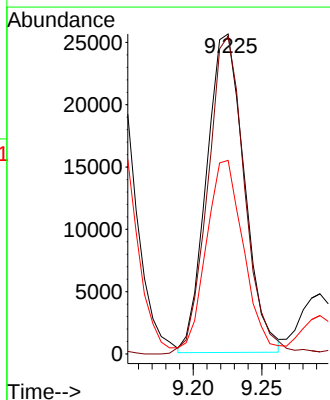
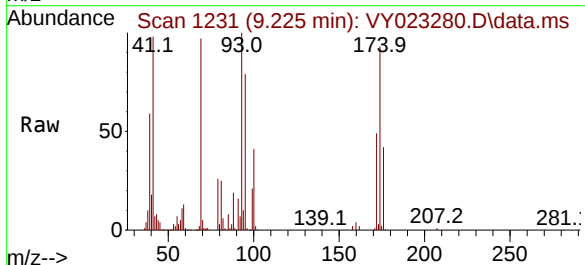
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 83 Resp: 147062
 Ion Ratio Lower Upper
 83 100
 85 63.1 50.2 75.4
 127 8.9 6.6 10.0



#48
 Methyl methacrylate
 Concen: 18.860 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. 0.012 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

Tgt Ion: 41 Resp: 49046
 Ion Ratio Lower Upper
 41 100
 69 97.7 73.2 109.8
 39 56.9 47.0 70.4

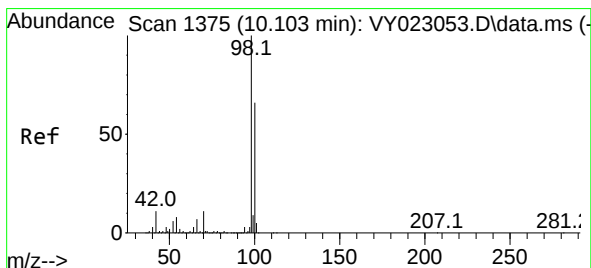
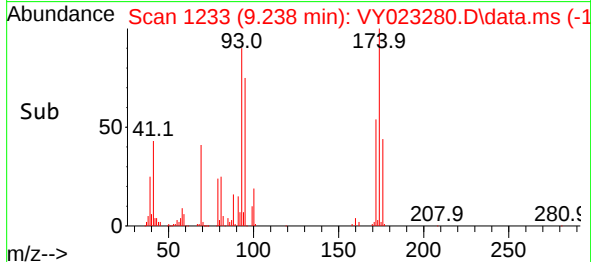
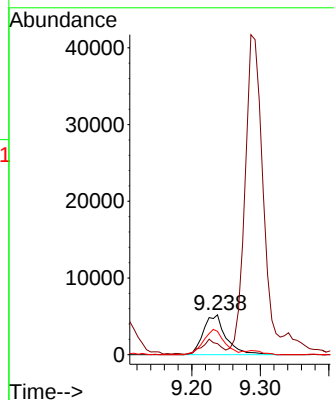
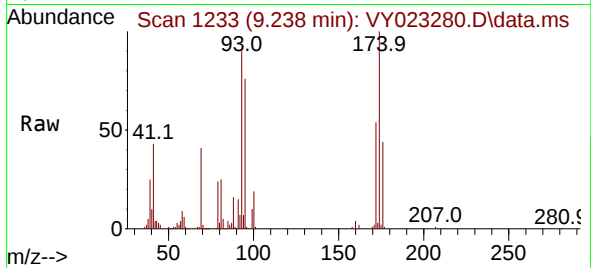




#49
1,4-Dioxane
Concen: 390.623 ug/l
RT: 9.238 min Scan# 11933
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

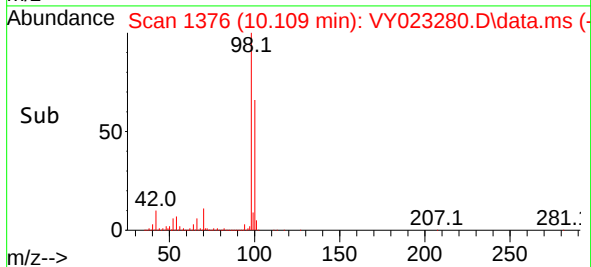
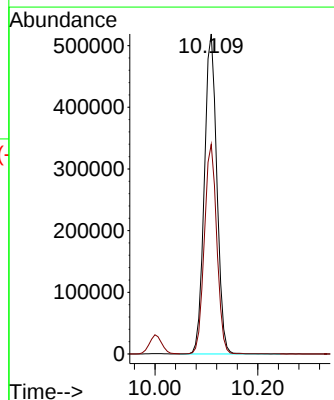
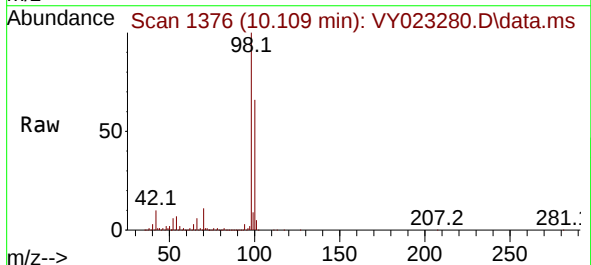
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.5	24.3	36.5
58	58.2	55.4	83.0



#50
Toluene-d8
Concen: 51.915 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5

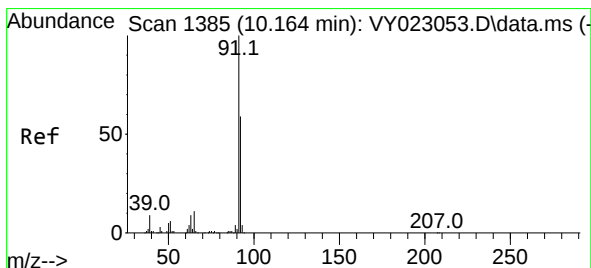
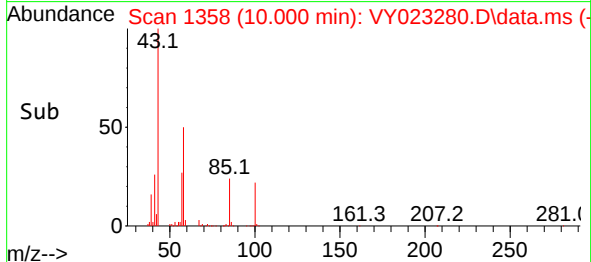
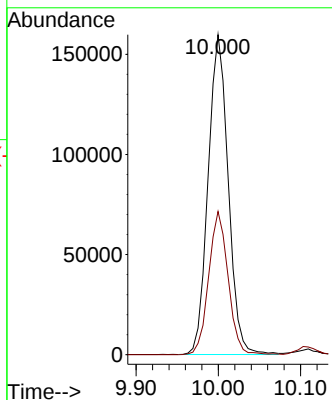
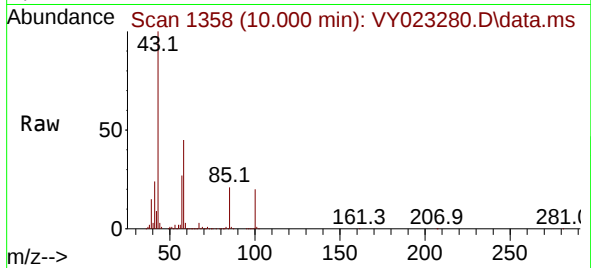




#51
4-Methyl-2-Pentanone
Concen: 96.851 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

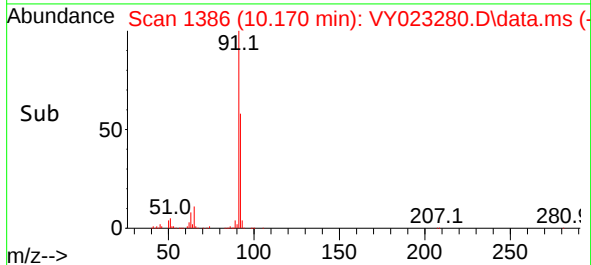
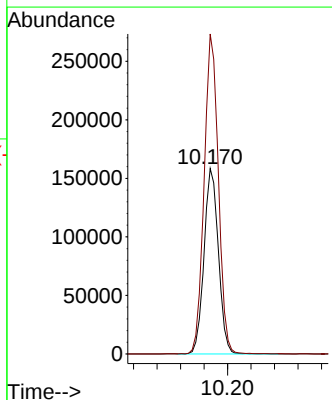
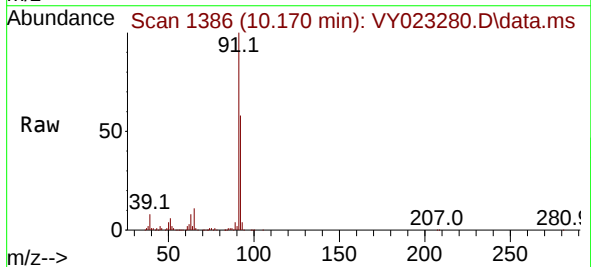
Instrument :
MSVOA_Y
ClientSampleId :

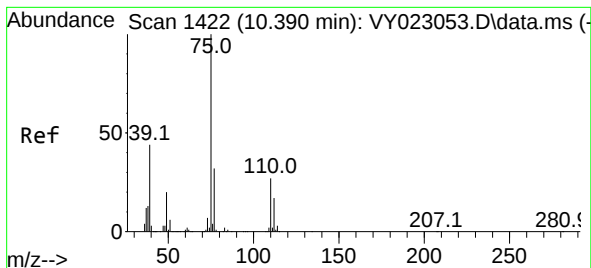
Tgt Ion: 43 Resp: 271497
Ion Ratio Lower Upper
43 100
58 43.3 33.5 50.3



#52
Toluene
Concen: 21.464 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 92 Resp: 268932
Ion Ratio Lower Upper
92 100
91 170.3 136.4 204.6

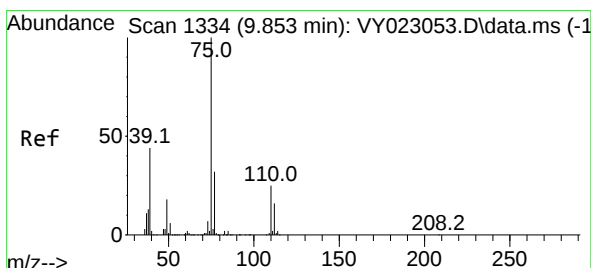
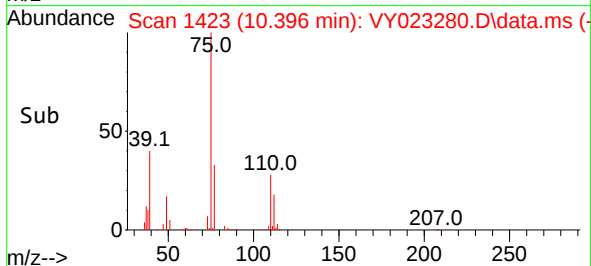
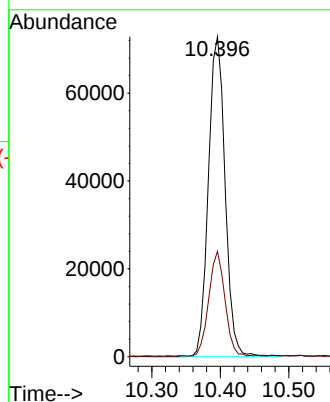
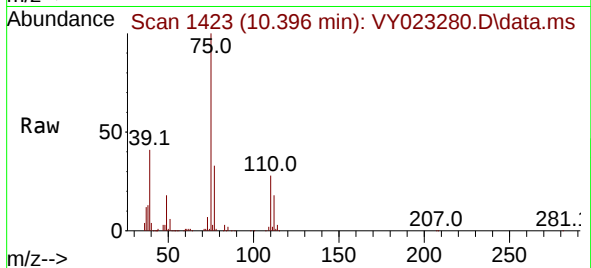




#53
 t-1,3-Dichloropropene
 Concen: 20.369 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

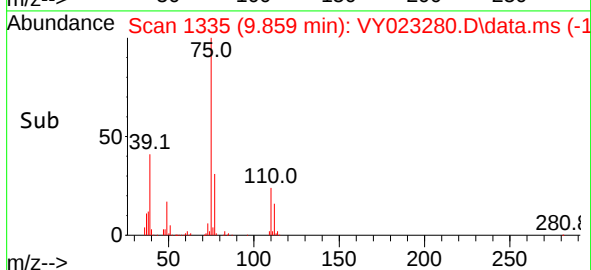
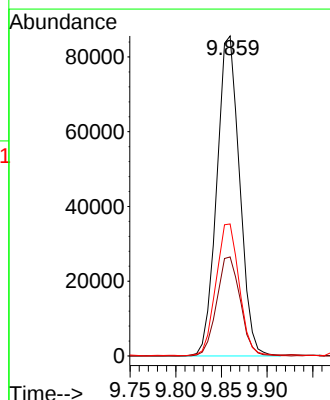
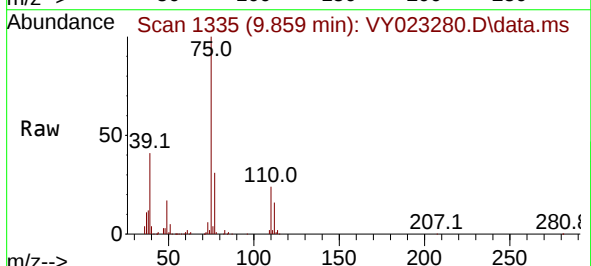
Instrument :
 MSVOA_Y
 ClientSampleId :

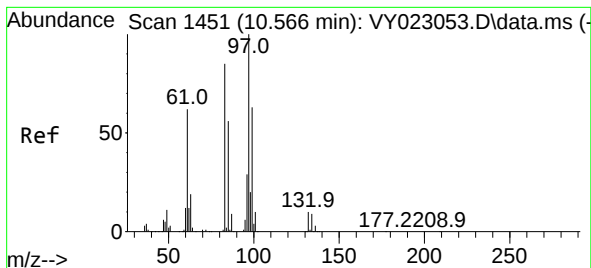
Tgt Ion: 75 Resp: 123653
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.708 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

Tgt Ion: 75 Resp: 148656
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 41.1 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 22.238 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 77528

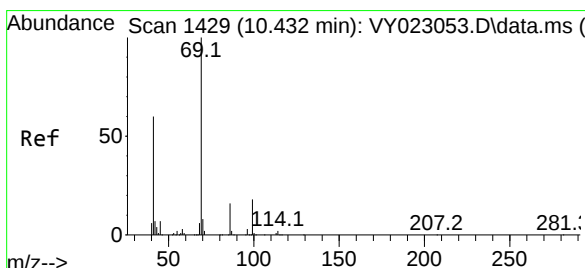
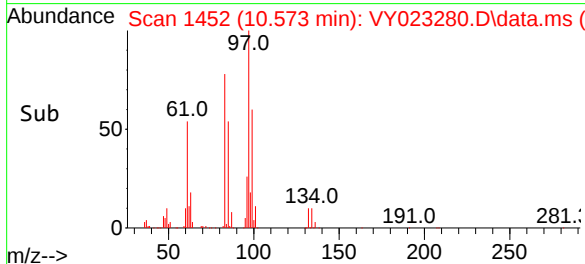
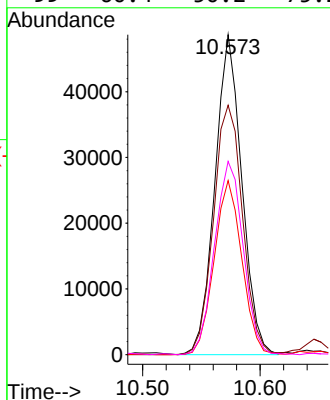
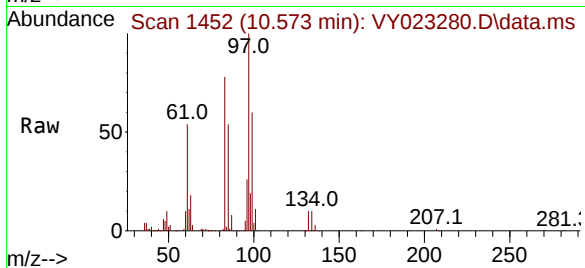
Ion Ratio Lower Upper

97 100

83 77.8 67.7 101.5

85 54.4 44.5 66.7

99 60.4 50.2 75.2



#56

Ethyl methacrylate

Concen: 19.339 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

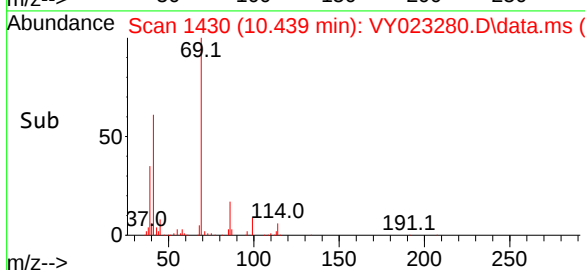
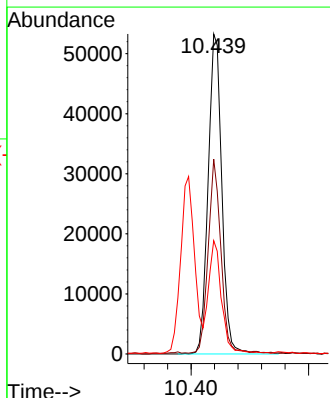
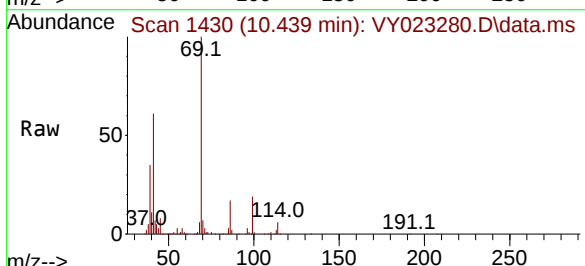
Tgt Ion: 69 Resp: 86272

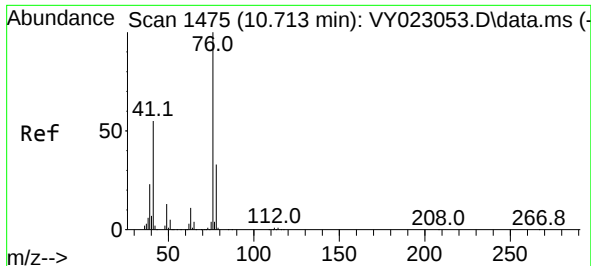
Ion Ratio Lower Upper

69 100

41 56.0 48.6 72.8

39 33.2 27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.400 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

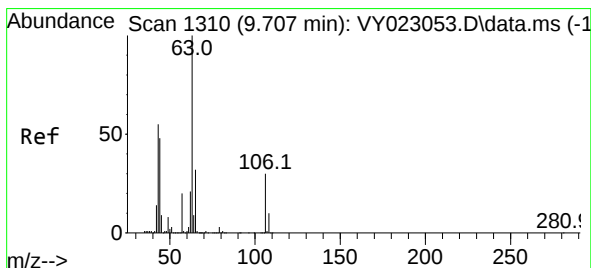
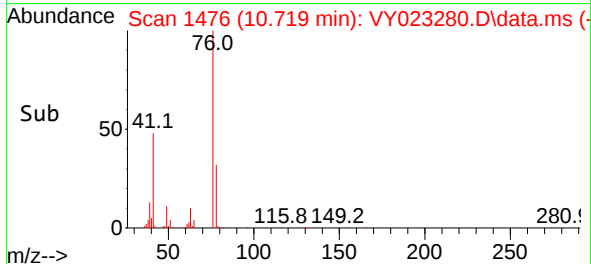
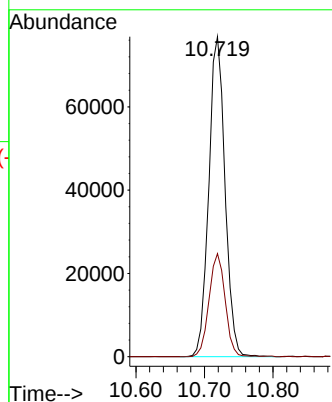
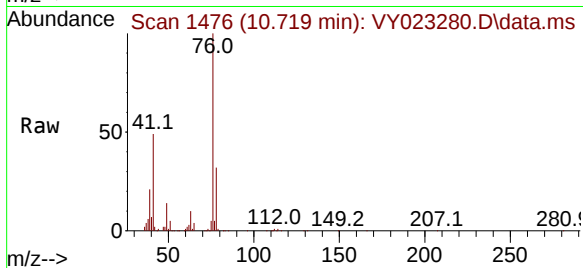
ClientSampleId :

Tgt Ion: 76 Resp: 126523

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 91.099 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023280.D

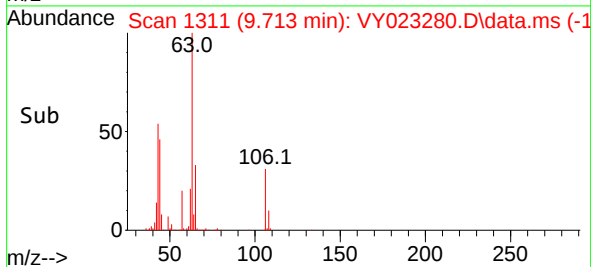
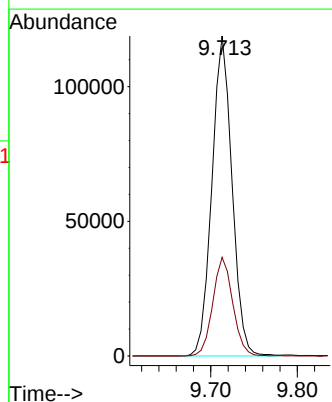
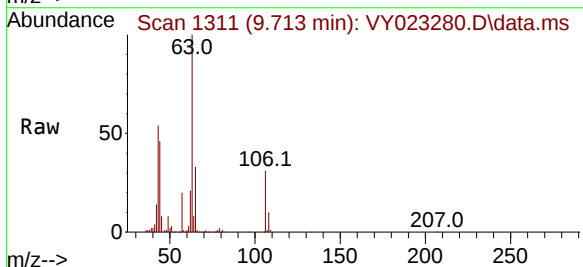
Acq: 04 Sep 2025 10:03

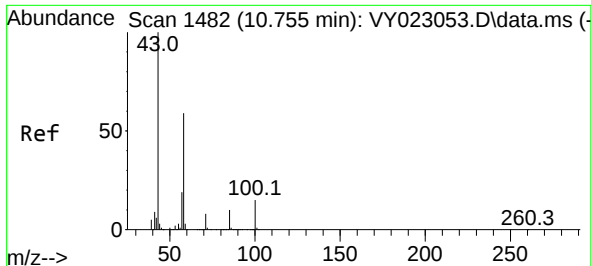
Tgt Ion: 63 Resp: 191696

Ion Ratio Lower Upper

63 100

106 30.6 23.2 34.8

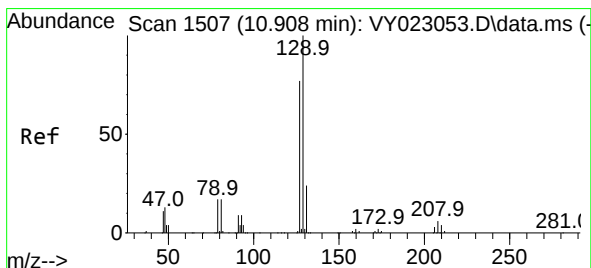
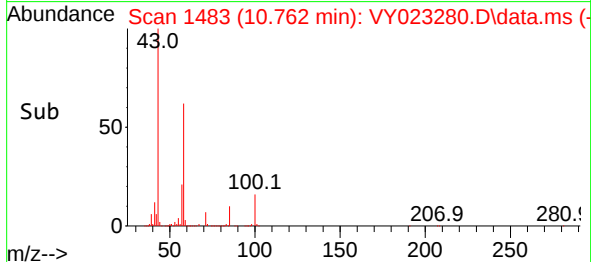
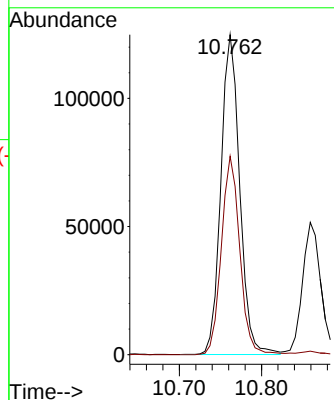
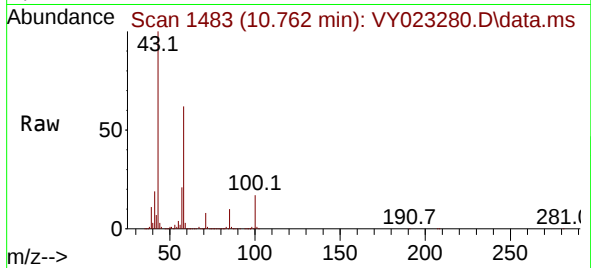




#59
2-Hexanone
Concen: 103.809 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

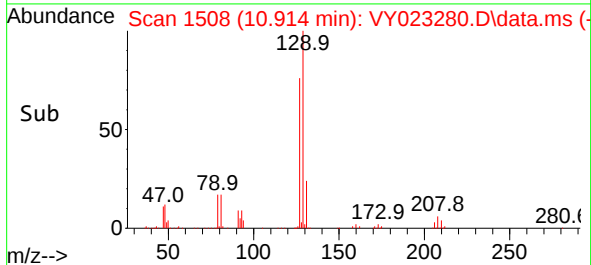
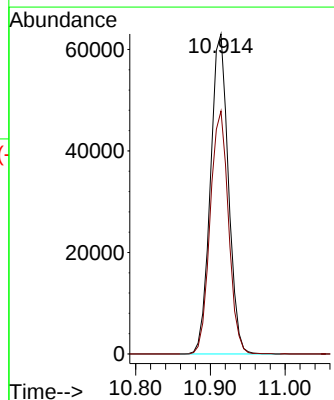
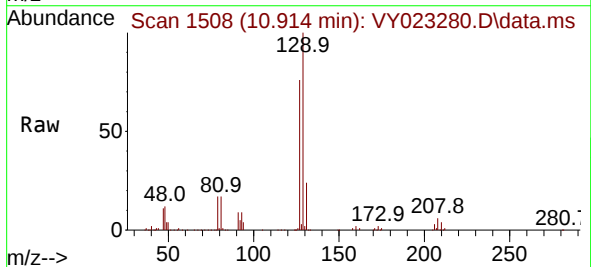
Instrument :
MSVOA_Y
ClientSampleId :

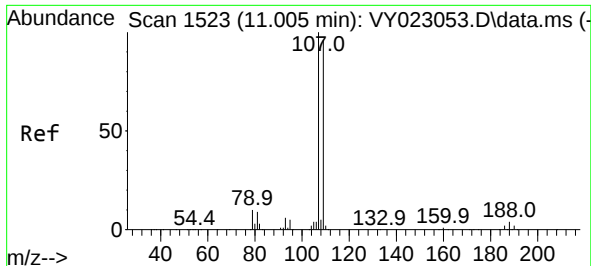
Tgt Ion: 43 Resp: 198151
Ion Ratio Lower Upper
43 100
58 60.9 29.5 88.5



#60
Dibromochloromethane
Concen: 22.887 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 129 Resp: 105284
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

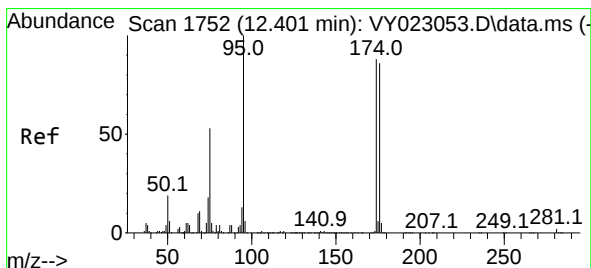
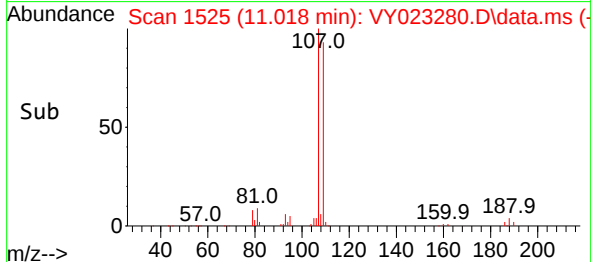
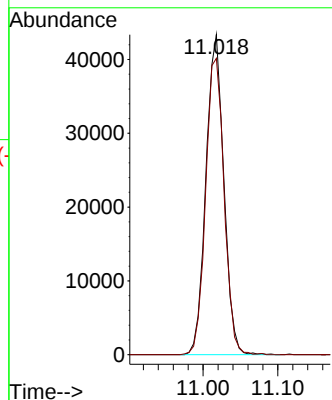
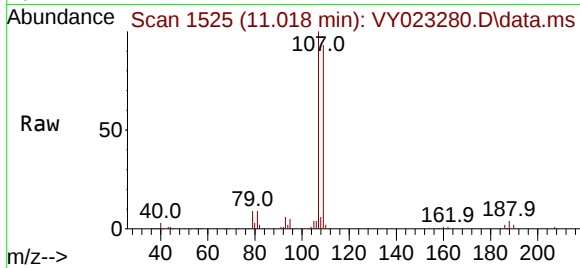




#61
1,2-Dibromoethane
Concen: 21.969 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

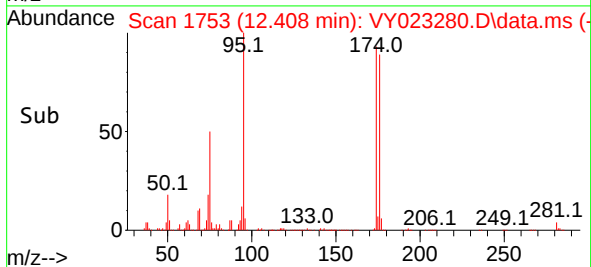
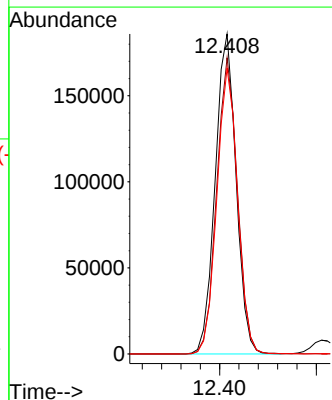
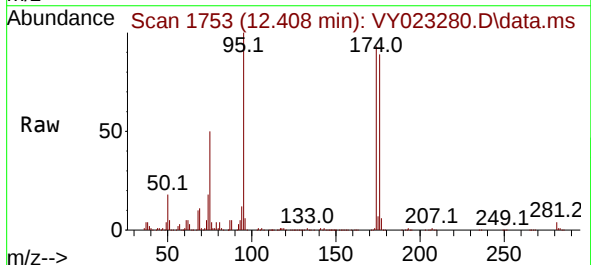
Instrument :
MSVOA_Y
ClientSampleId :

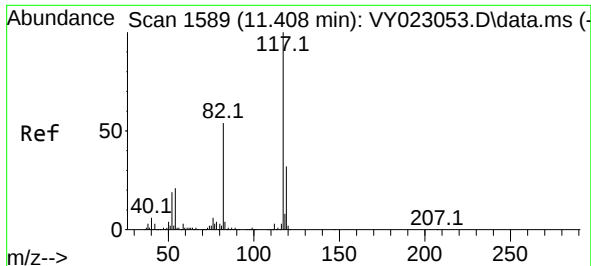
Tgt Ion:107 Resp: 71985
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.540 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 95 Resp: 278883
Ion Ratio Lower Upper
95 100
174 91.9 0.0 171.6
176 88.6 0.0 167.6

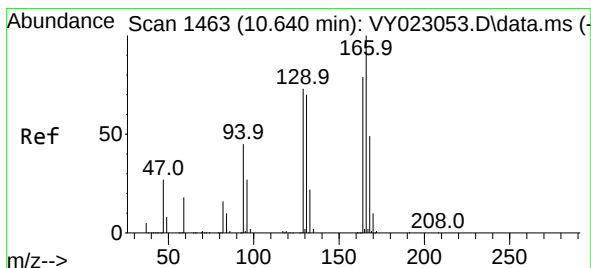
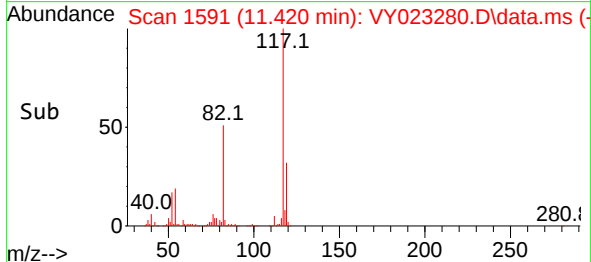
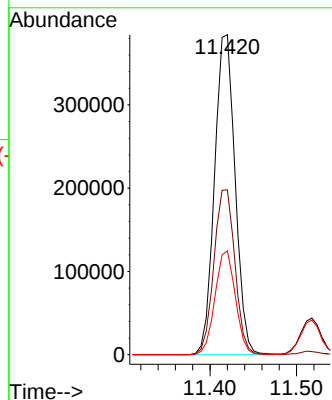
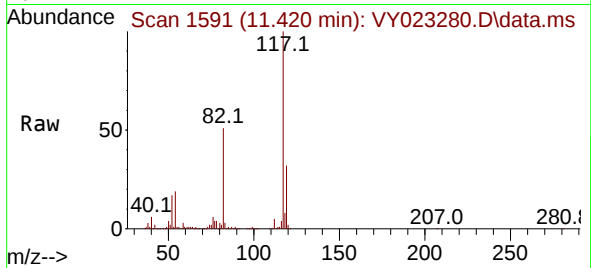




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

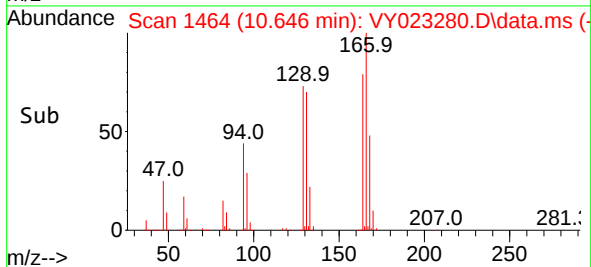
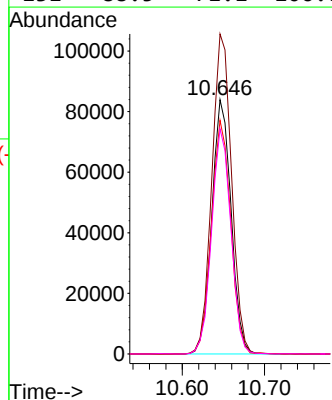
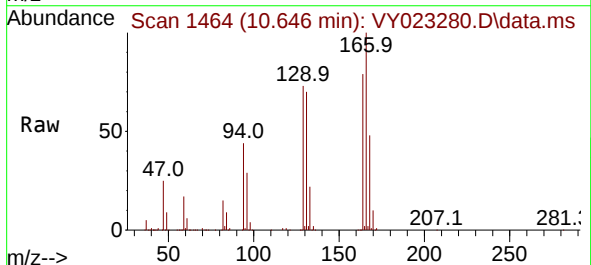
Instrument :
MSVOA_Y
ClientSampleId :

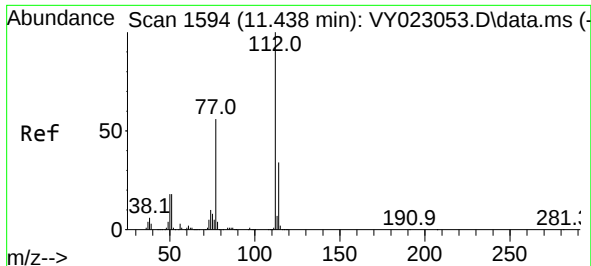
Tgt Ion:117 Resp: 635502
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 24.168 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion:164 Resp: 137146
Ion Ratio Lower Upper
164 100
166 125.8 101.1 151.7
129 91.9 74.0 111.0
131 88.5 71.1 106.7

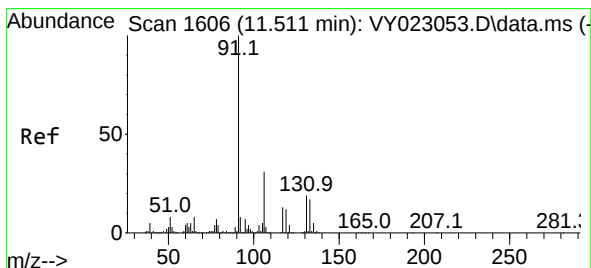
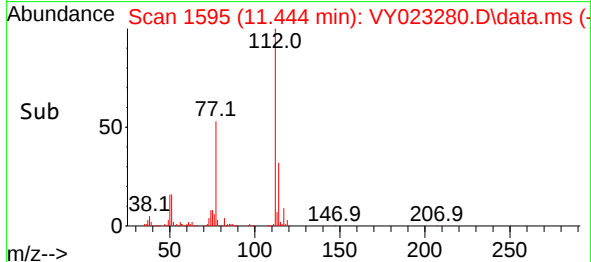
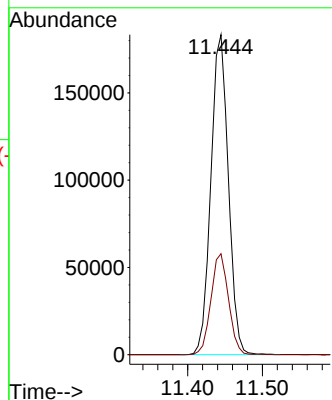
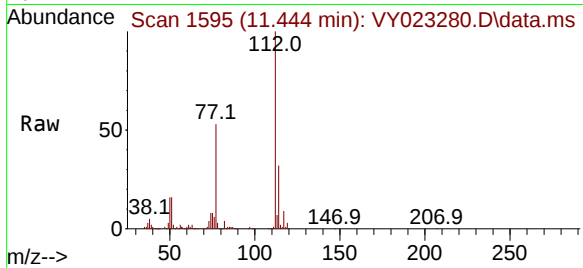




#65
Chlorobenzene
Concen: 21.698 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

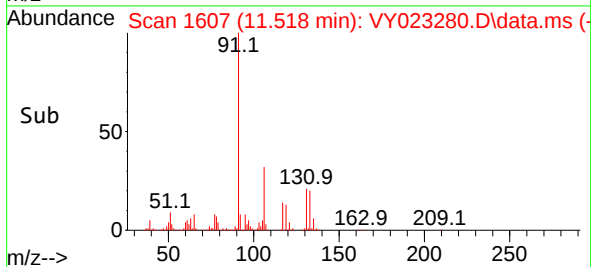
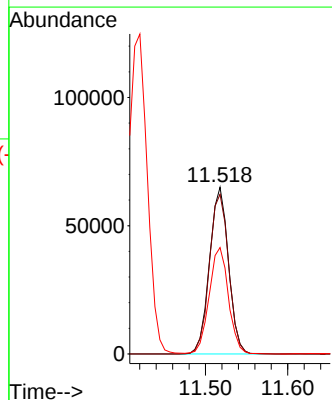
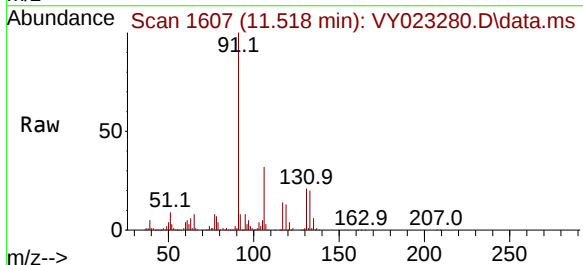
Instrument :
MSVOA_Y
ClientSampleId :

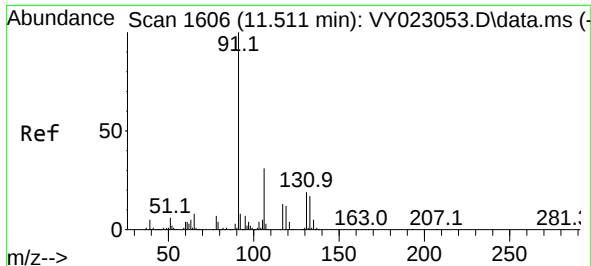
Tgt Ion:112 Resp: 297437
Ion Ratio Lower Upper
112 100
114 31.6 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.411 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion:131 Resp: 104263
Ion Ratio Lower Upper
131 100
133 97.9 46.9 140.6
119 65.1 33.2 99.6





#67

Ethyl Benzene

Concen: 20.330 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

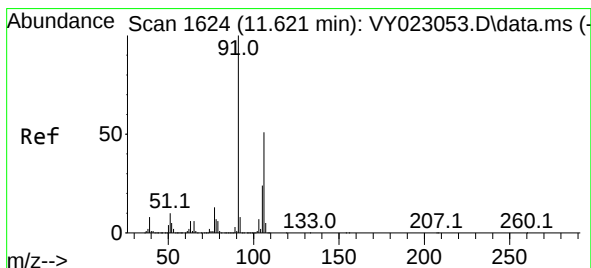
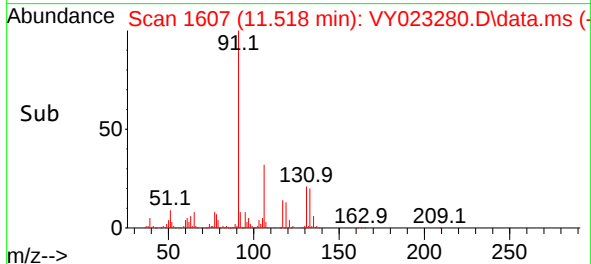
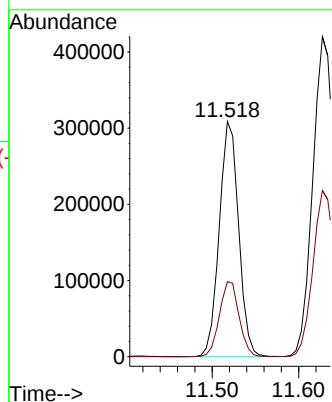
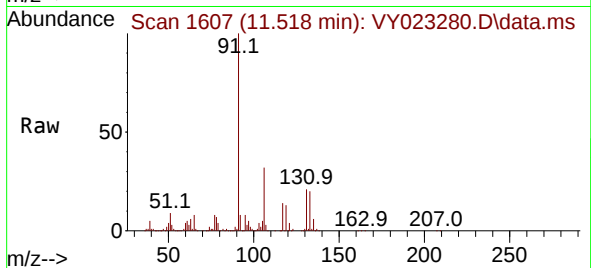
ClientSampleId :

Tgt Ion: 91 Resp: 479579

Ion Ratio Lower Upper

91 100

106 31.9 25.0 37.4



#68

m/p-Xylenes

Concen: 42.041 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023280.D

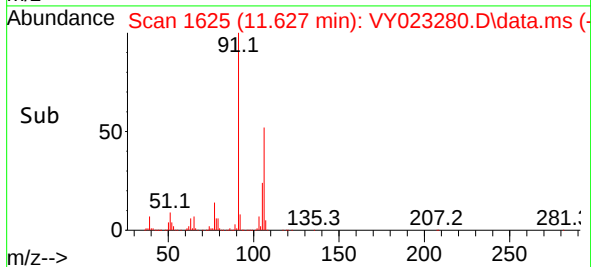
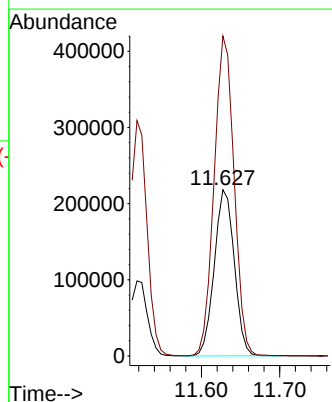
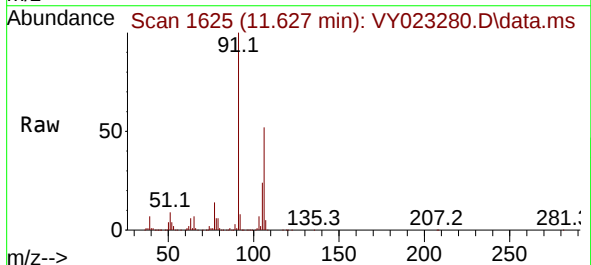
Acq: 04 Sep 2025 10:03

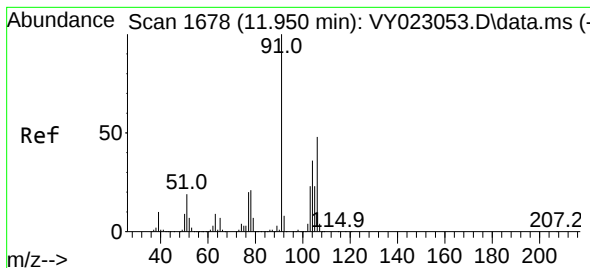
Tgt Ion:106 Resp: 387341

Ion Ratio Lower Upper

106 100

91 192.5 158.6 238.0

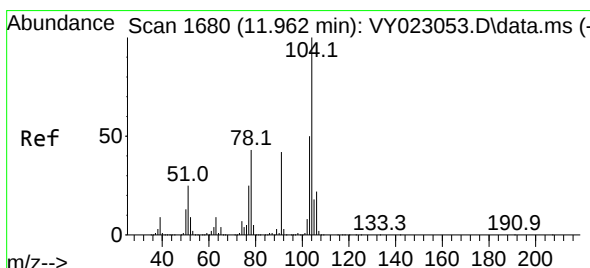
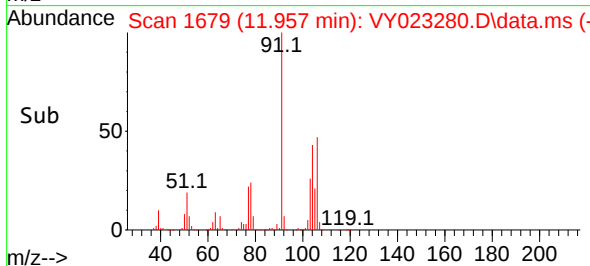
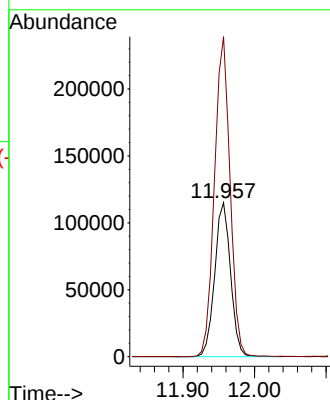
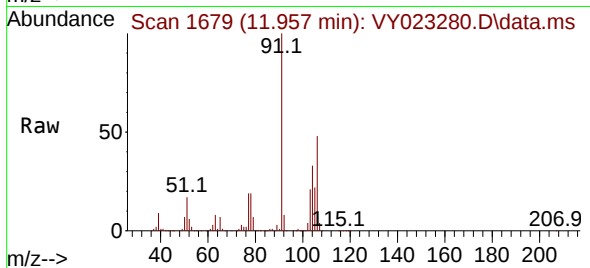




#69
o-Xylene
Concen: 20.487 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

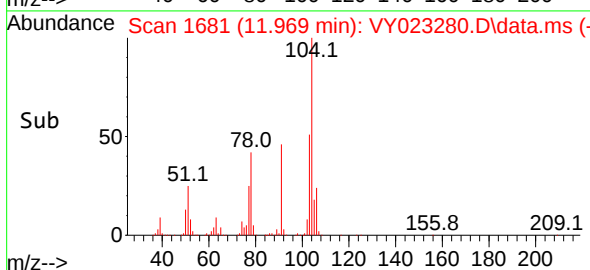
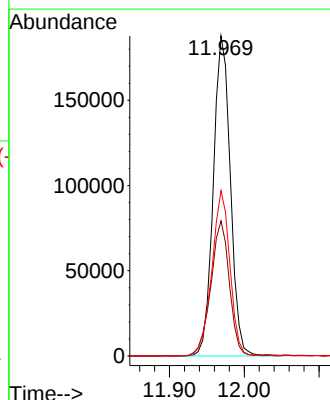
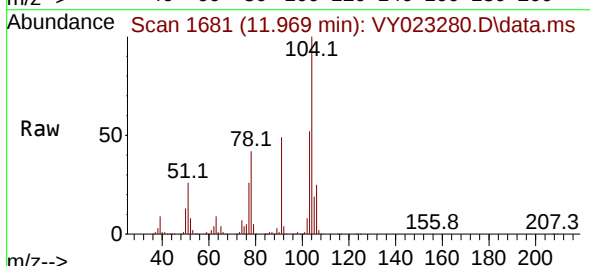
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 176786
Ion Ratio Lower Upper
106 100
91 205.1 103.2 309.4



#70
Styrene
Concen: 21.171 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion:104 Resp: 298764
Ion Ratio Lower Upper
104 100
78 45.7 38.5 57.7
103 54.6 43.7 65.5





#71

Bromoform

Concen: 22.759 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

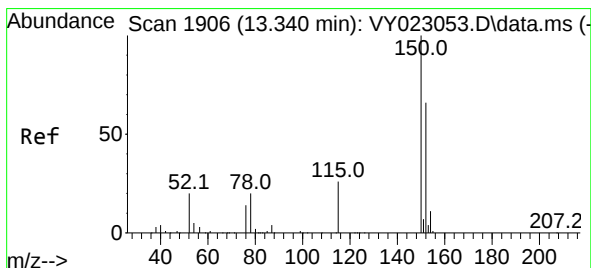
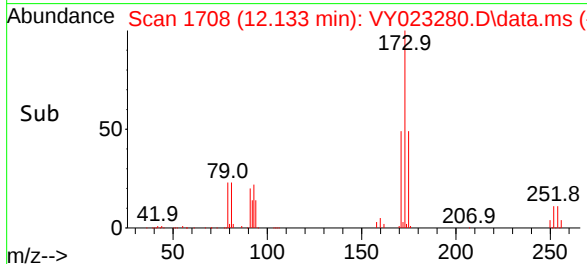
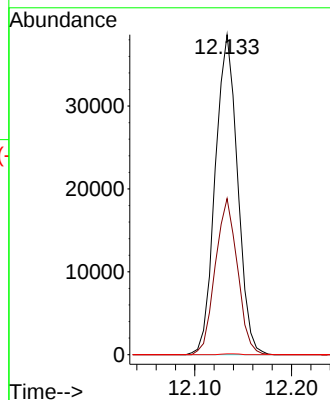
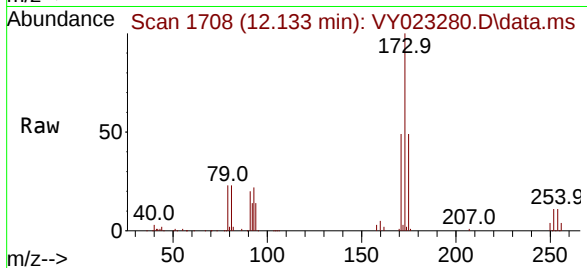
Tgt Ion:173 Resp: 61882

Ion Ratio Lower Upper

173 100

175 48.5 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

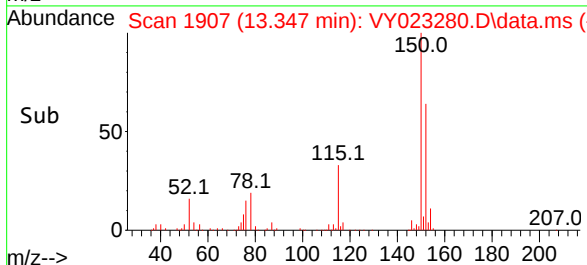
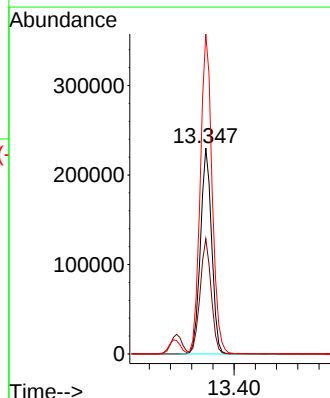
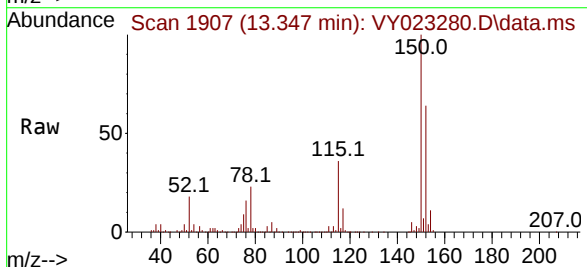
Tgt Ion:152 Resp: 337206

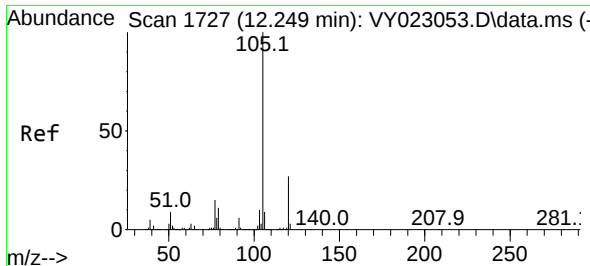
Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.6

150 164.4 0.0 348.0

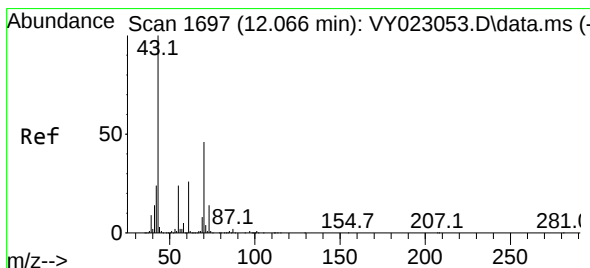
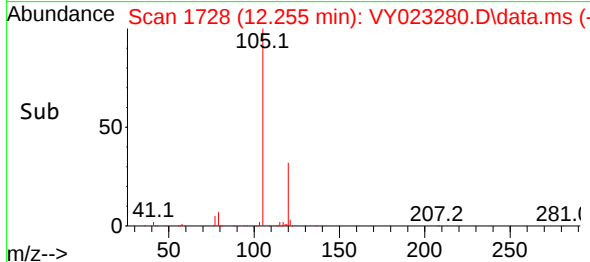
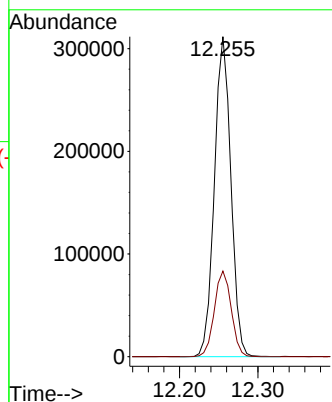
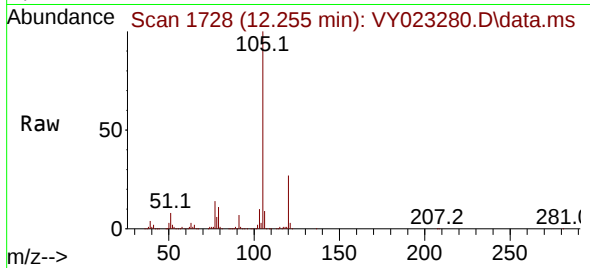




#73
Isopropylbenzene
Concen: 19.183 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

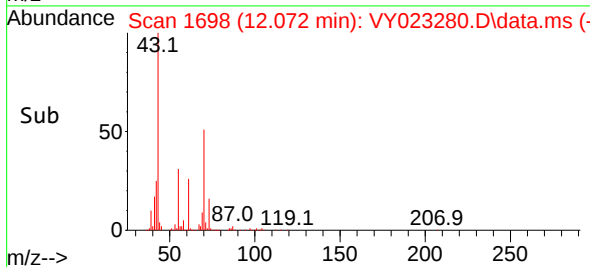
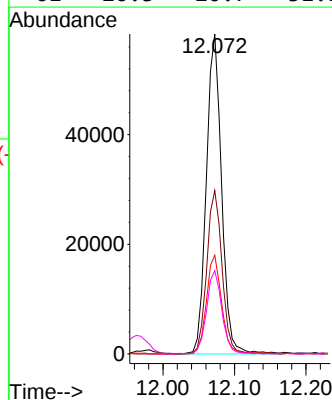
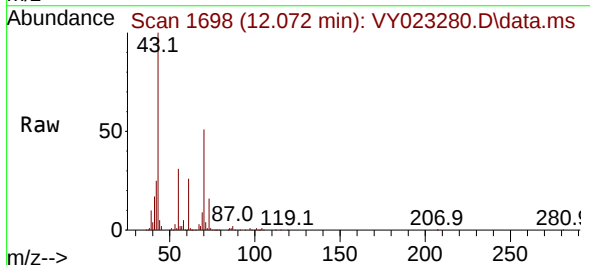
Instrument :
MSVOA_Y
ClientSampleId :

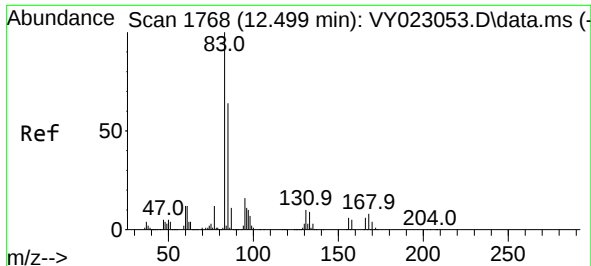
Tgt Ion:105 Resp: 456549
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 17.176 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 43 Resp: 86689
Ion Ratio Lower Upper
43 100
70 50.8 37.5 56.3
55 30.4 20.7 31.1
61 26.3 20.7 31.1

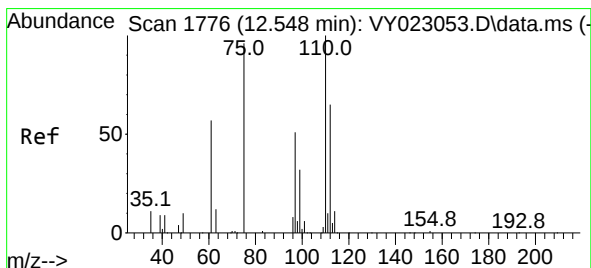
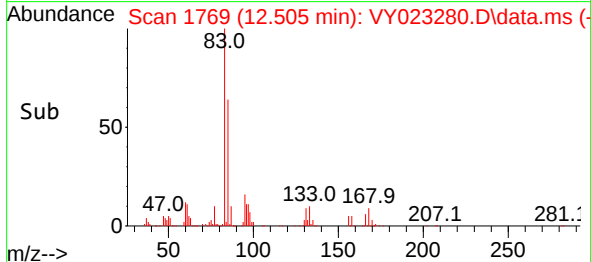
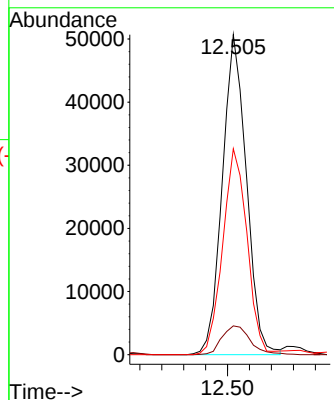
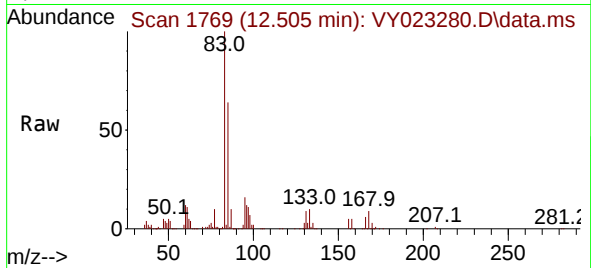




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.044 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

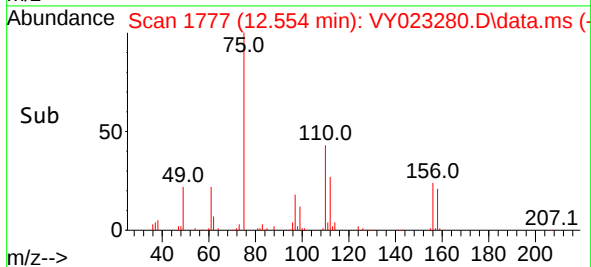
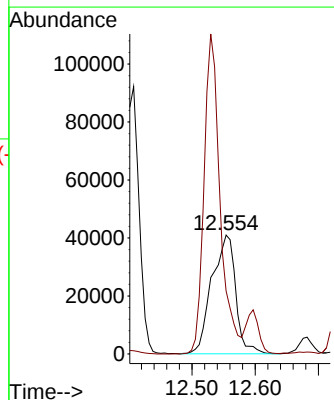
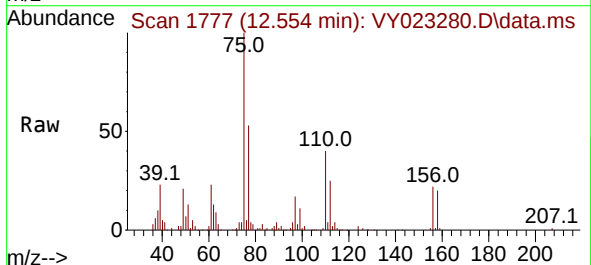
Instrument :
 MSVOA_Y
 ClientSampleId :

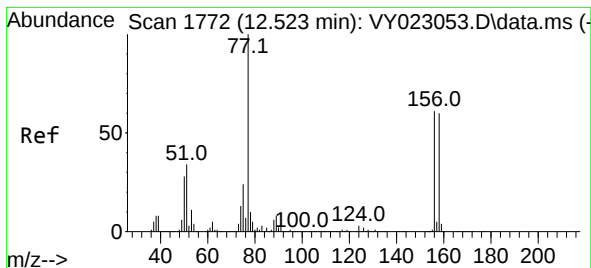
Tgt Ion: 83 Resp: 77389
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 64.9 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 32.906 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

Tgt Ion: 75 Resp: 107088
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.056 ug/l

RT: 12.530 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

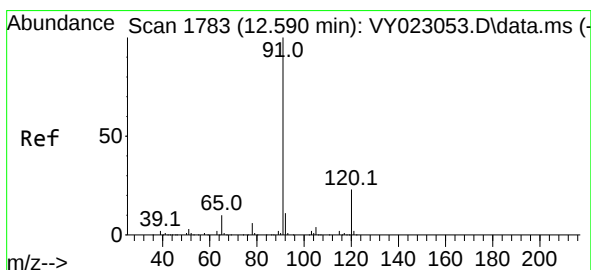
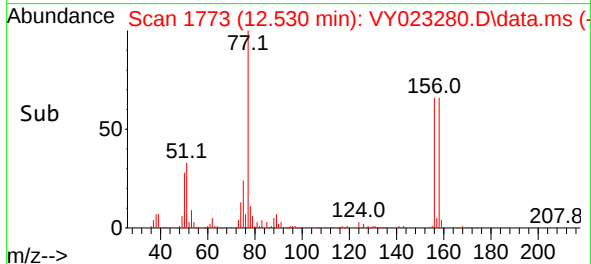
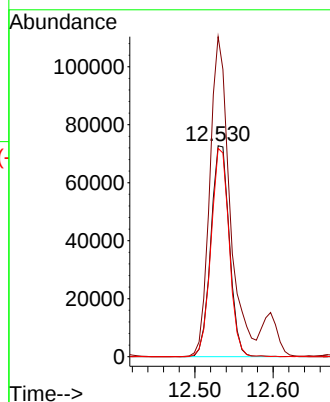
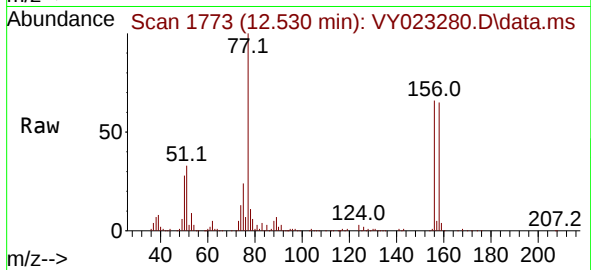
Tgt Ion:156 Resp: 119554

Ion Ratio Lower Upper

156 100

77 164.3 88.1 264.4

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 19.652 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY023280.D

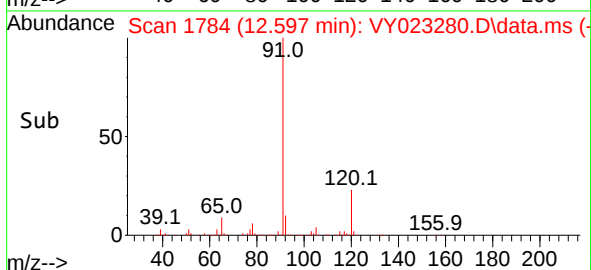
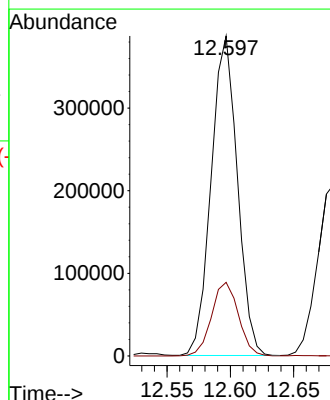
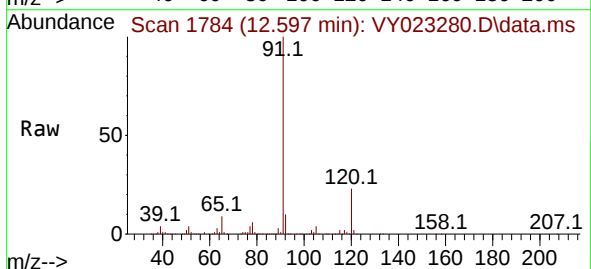
Acq: 04 Sep 2025 10:03

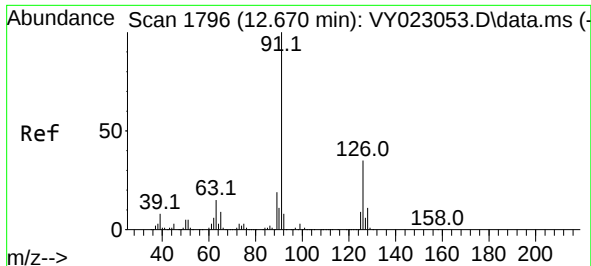
Tgt Ion: 91 Resp: 556852

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.5

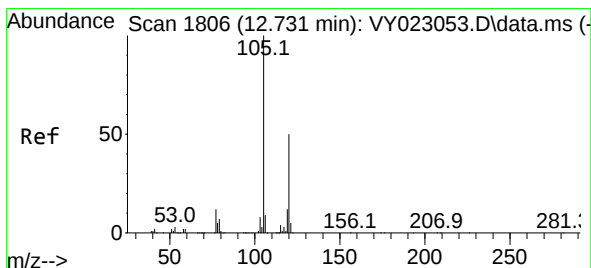
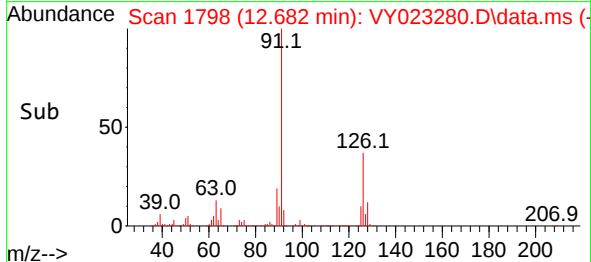
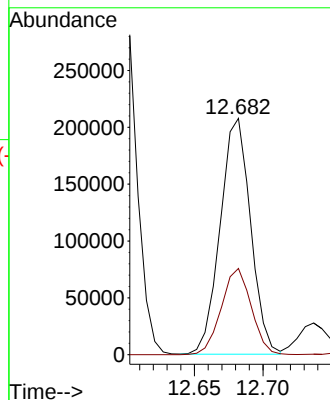
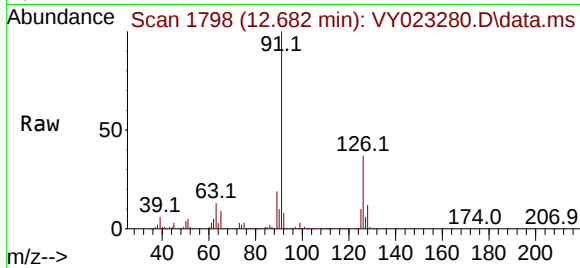




#79
2-Chlorotoluene
Concen: 19.722 ug/l
RT: 12.682 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

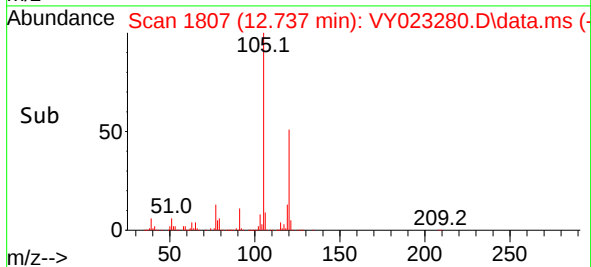
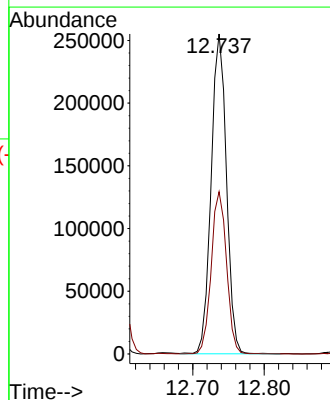
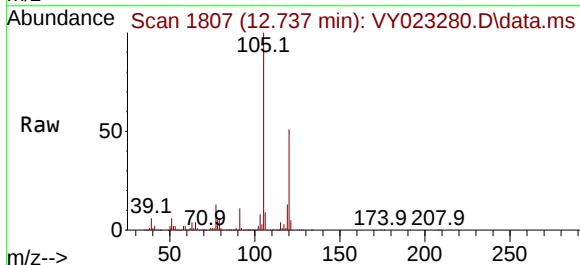
Instrument :
MSVOA_Y
ClientSampleId :

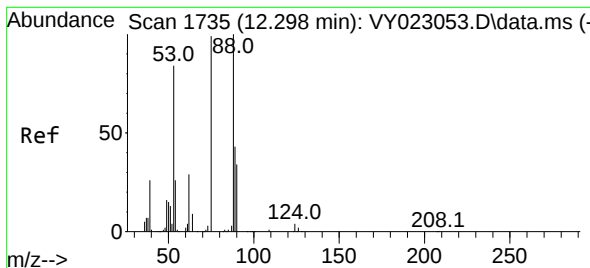
Tgt Ion: 91 Resp: 320181
Ion Ratio Lower Upper
91 100
126 36.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.674 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 105 Resp: 378421
Ion Ratio Lower Upper
105 100
120 50.9 24.8 74.4

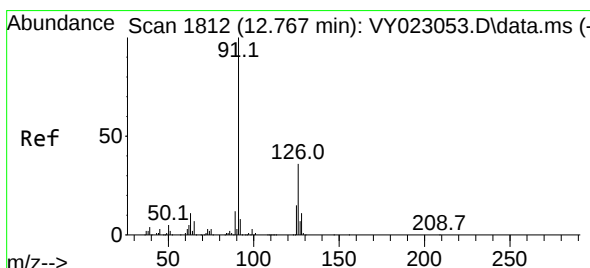
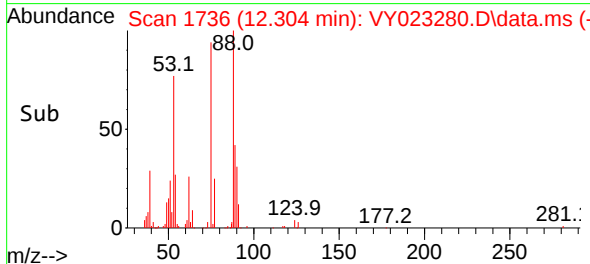
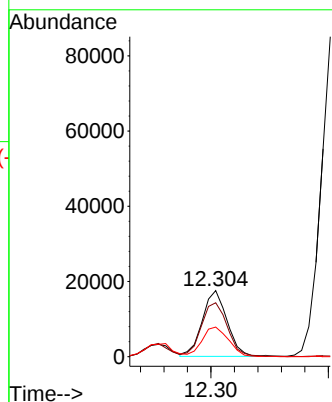
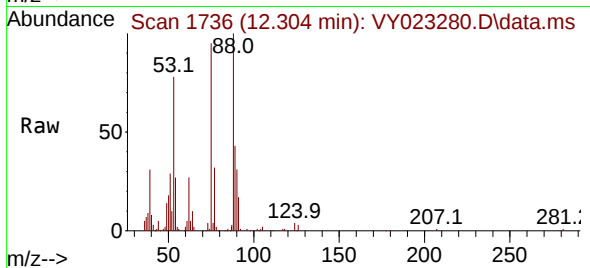




#81
trans-1,4-Dichloro-2-butene
Concen: 18.981 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

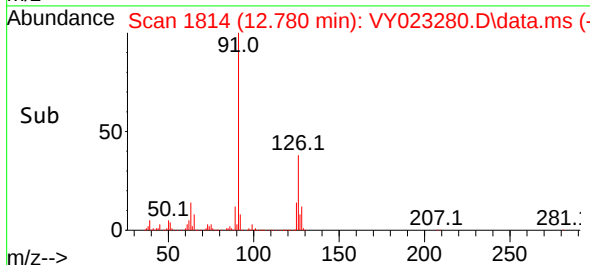
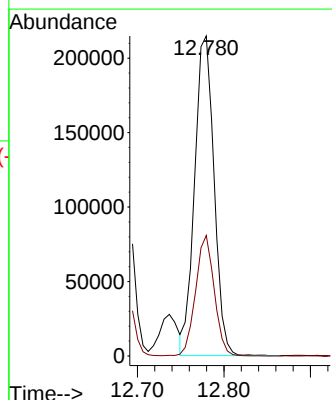
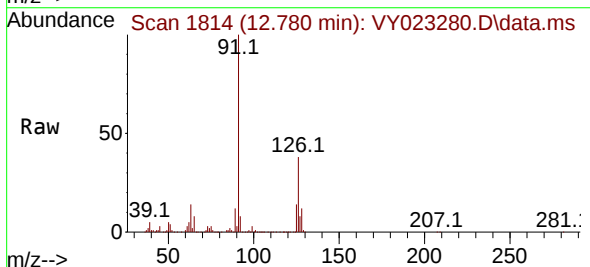
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 25518
Ion Ratio Lower Upper
75 100
53 87.3 70.8 106.2
89 48.2 38.1 57.1



#82
4-Chlorotoluene
Concen: 19.866 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.012 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion: 91 Resp: 334580
Ion Ratio Lower Upper
91 100
126 36.3 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.198 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

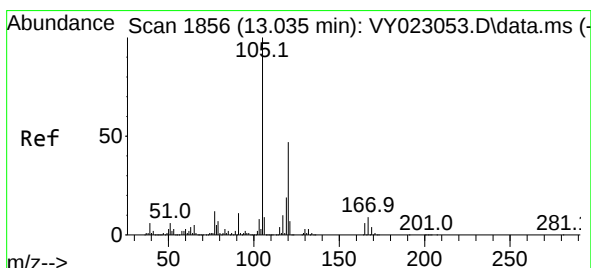
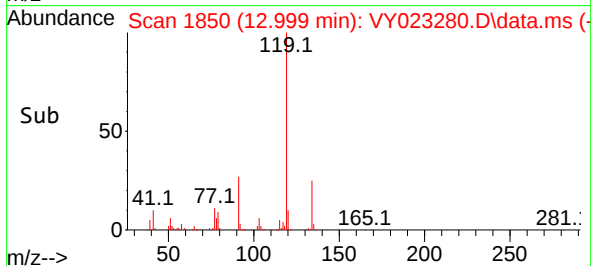
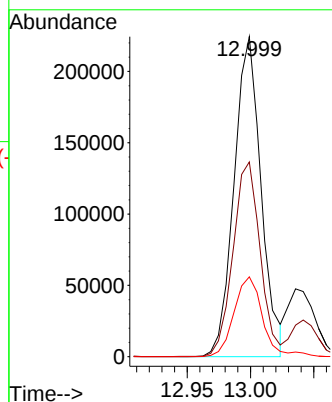
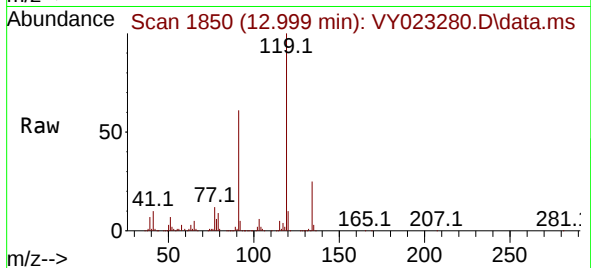
Tgt Ion:119 Resp: 333508

Ion Ratio Lower Upper

119 100

91 61.0 31.6 94.8

134 26.5 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.948 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023280.D

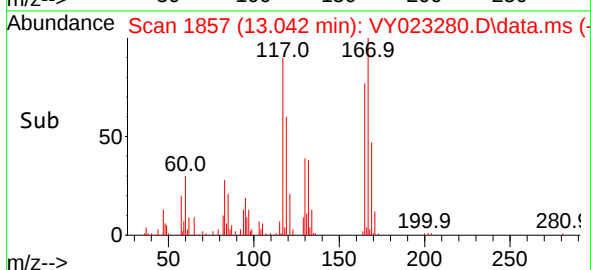
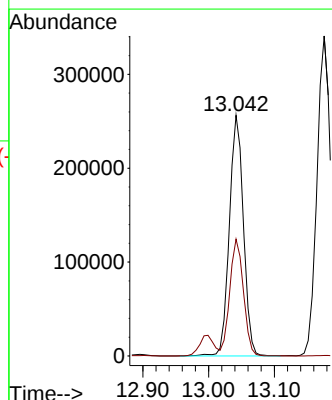
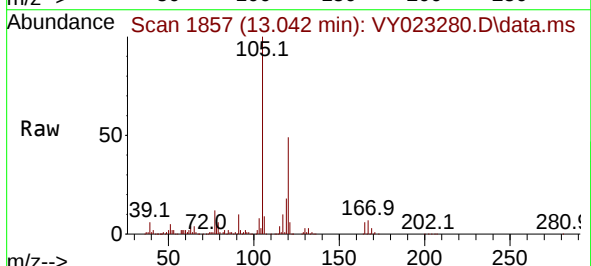
Acq: 04 Sep 2025 10:03

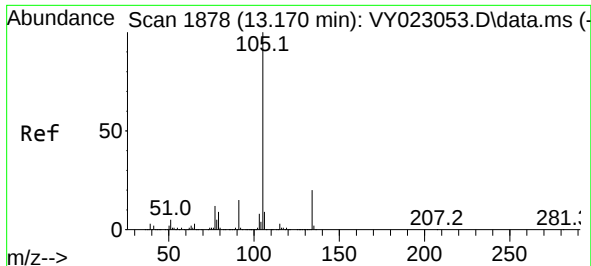
Tgt Ion:105 Resp: 381947

Ion Ratio Lower Upper

105 100

120 47.1 23.0 69.0

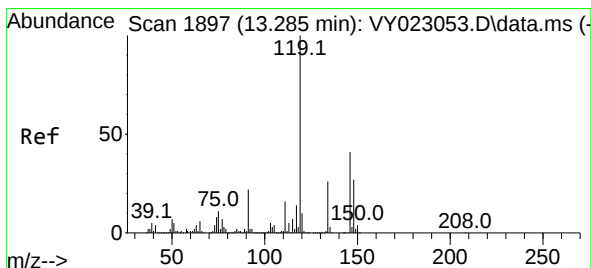
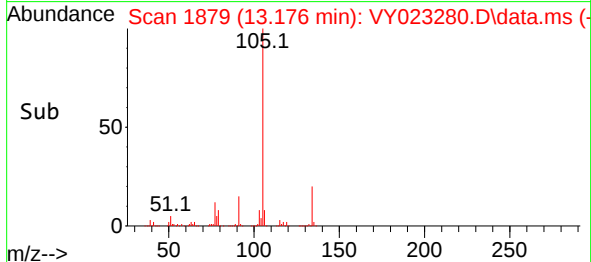
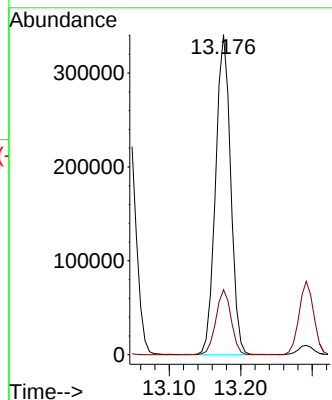
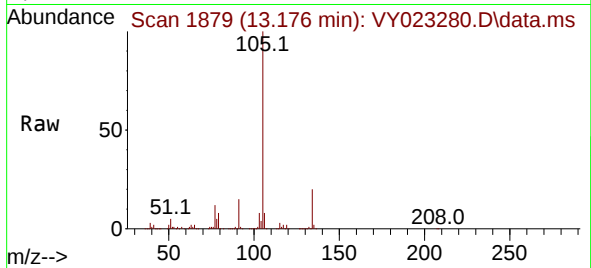




#85
 sec-Butylbenzene
 Concen: 19.533 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

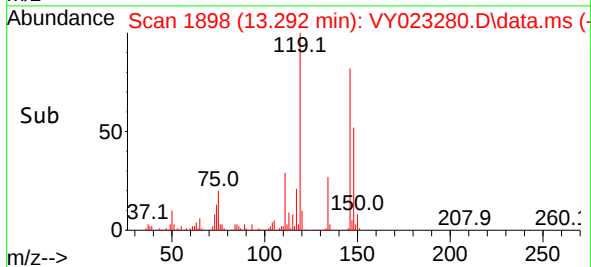
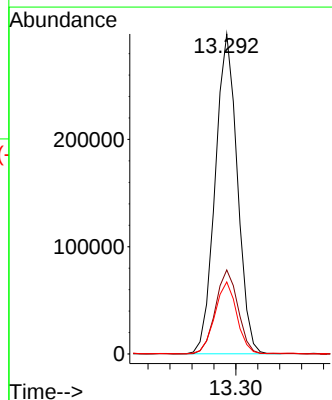
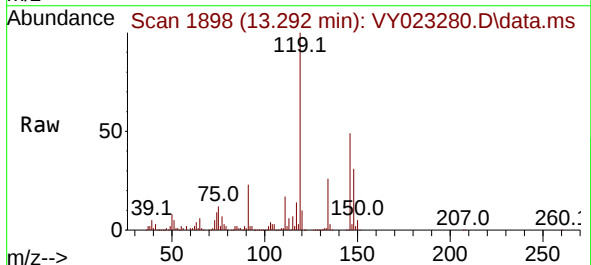
Instrument :
 MSVOA_Y
 ClientSampleId :

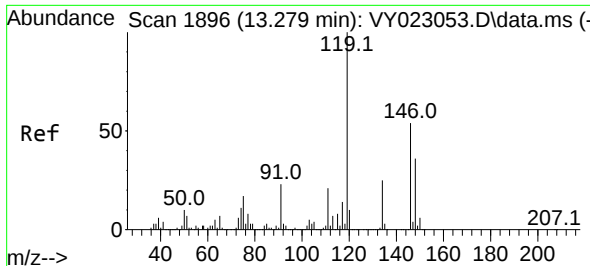
Tgt Ion:105 Resp: 498476
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.718 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

Tgt Ion:119 Resp: 417678
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.6
 91 22.3 11.3 33.8

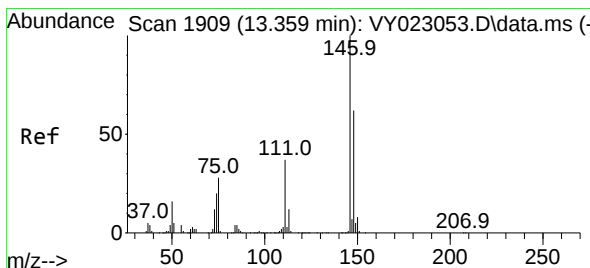
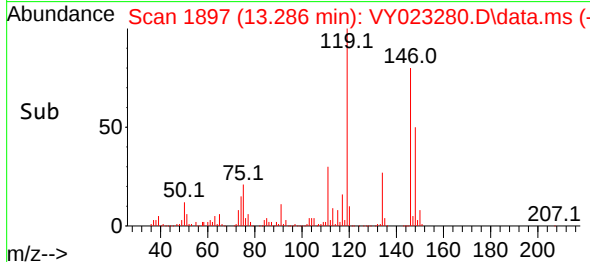
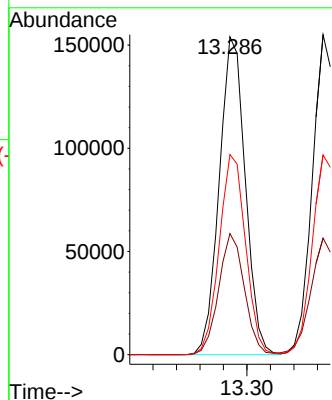
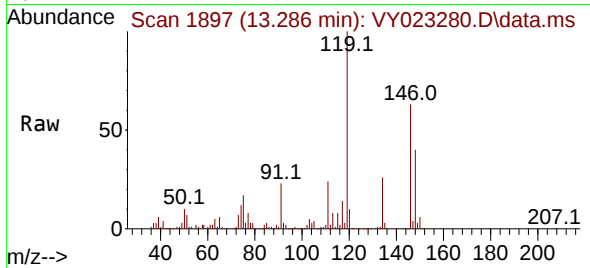




#87
 1,3-Dichlorobenzene
 Concen: 21.171 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

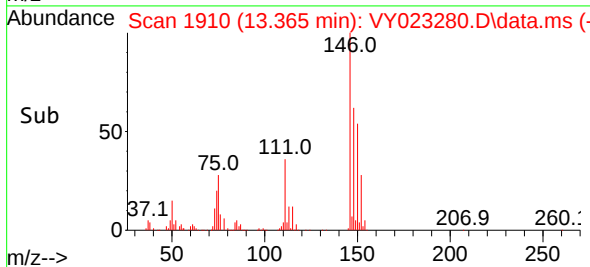
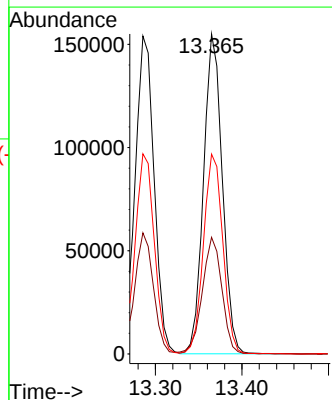
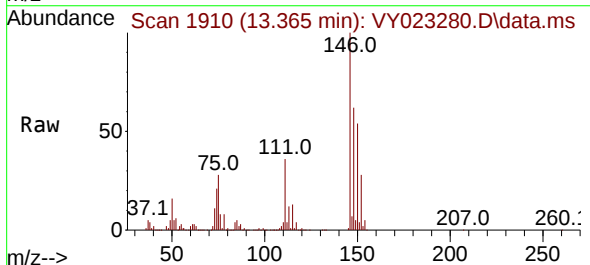
Instrument :
 MSVOA_Y
 ClientSampleId :

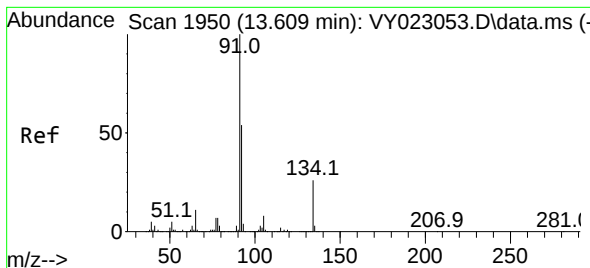
Tgt Ion:146 Resp: 237048
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.6 58.7
 148 63.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 21.014 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.006 min
 Lab File: VY023280.D
 Acq: 04 Sep 2025 10:03

Tgt Ion:146 Resp: 233410
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 64.6 31.6 94.7





#89

n-Butylbenzene

Concen: 19.061 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

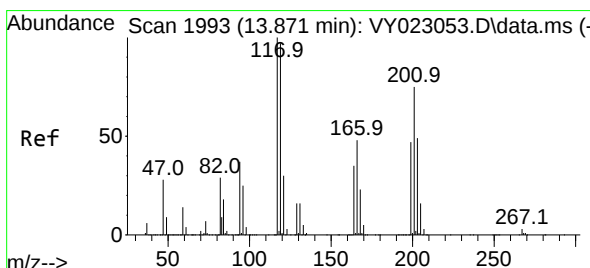
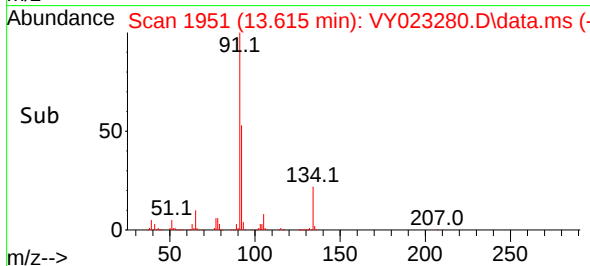
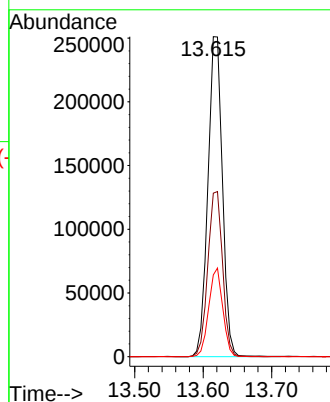
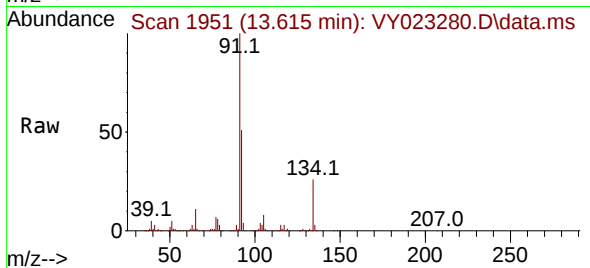
Tgt Ion: 91 Resp: 370837

Ion Ratio Lower Upper

91 100

92 52.4 26.9 80.7

134 26.7 13.2 39.5



#90

Hexachloroethane

Concen: 21.279 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023280.D

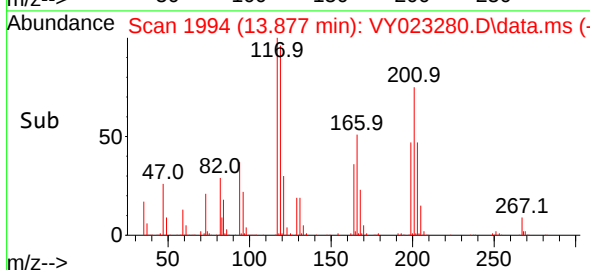
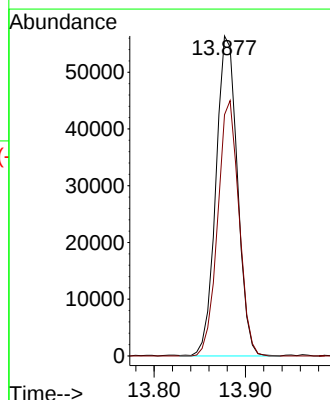
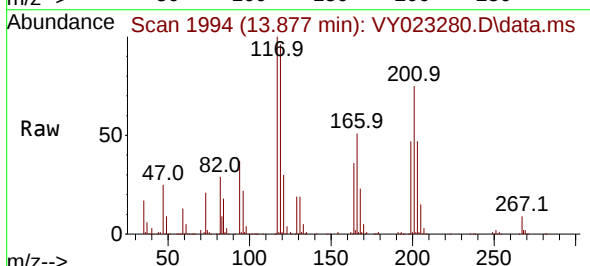
Acq: 04 Sep 2025 10:03

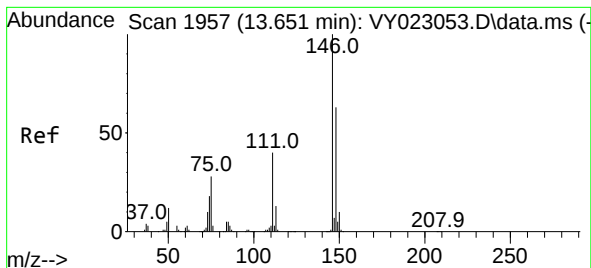
Tgt Ion: 117 Resp: 92271

Ion Ratio Lower Upper

117 100

201 78.6 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 21.198 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

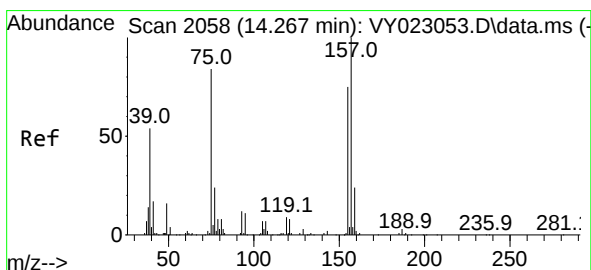
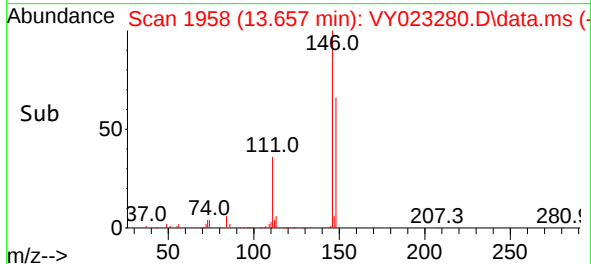
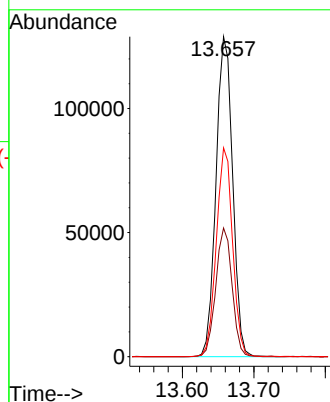
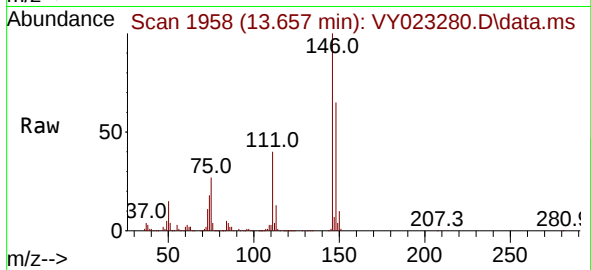
Tgt Ion:146 Resp: 208155

Ion Ratio Lower Upper

146 100

111 39.5 20.3 60.8

148 63.8 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.815 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

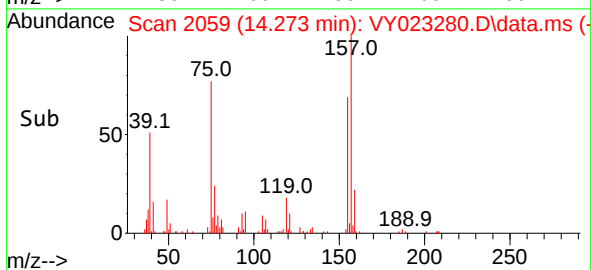
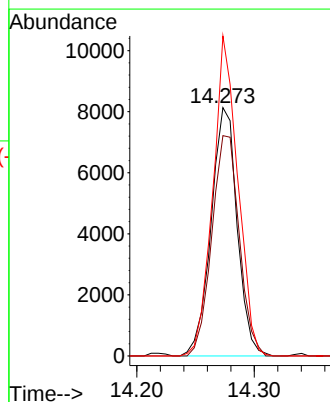
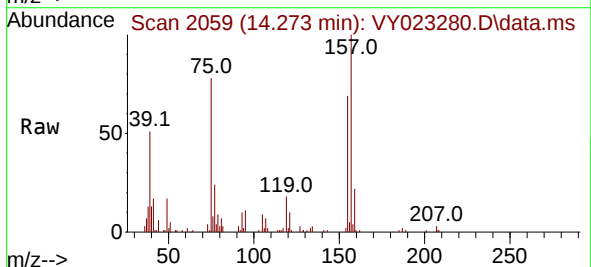
Tgt Ion: 75 Resp: 12537

Ion Ratio Lower Upper

75 100

155 93.2 43.9 131.6

157 123.3 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.616 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

Instrument :

MSVOA_Y

ClientSampleId :

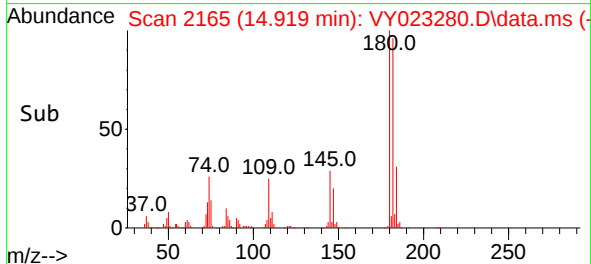
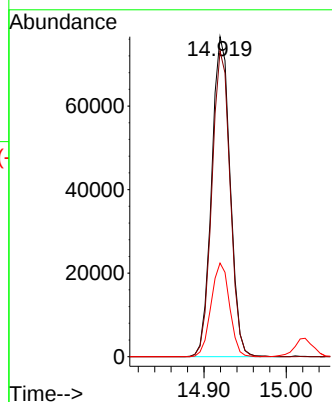
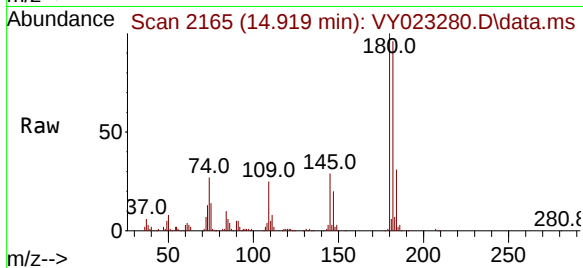
Tgt Ion:180 Resp: 119717

Ion Ratio Lower Upper

180 100

182 94.3 46.8 140.4

145 29.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 21.693 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023280.D

Acq: 04 Sep 2025 10:03

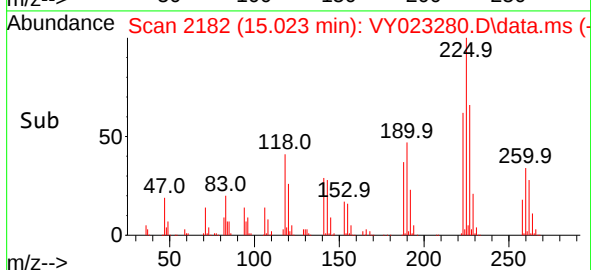
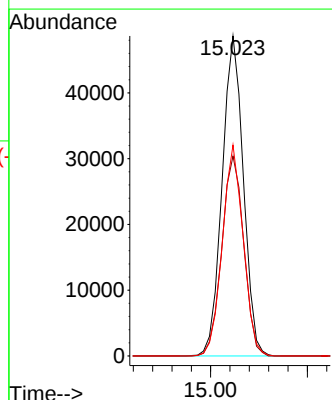
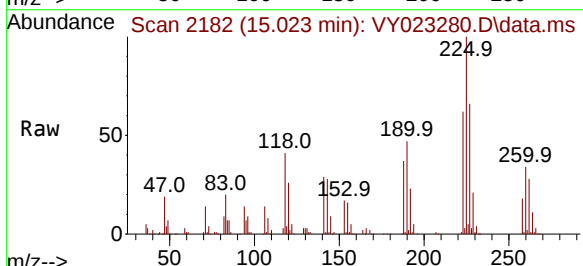
Tgt Ion:225 Resp: 74023

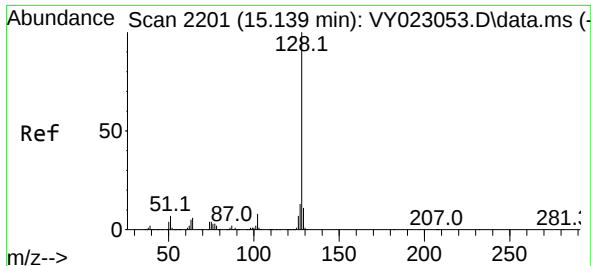
Ion Ratio Lower Upper

225 100

223 64.3 31.3 93.8

227 64.8 31.5 94.5

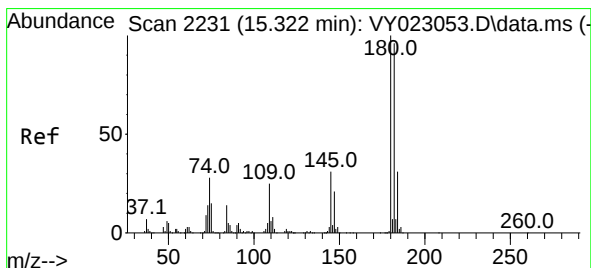
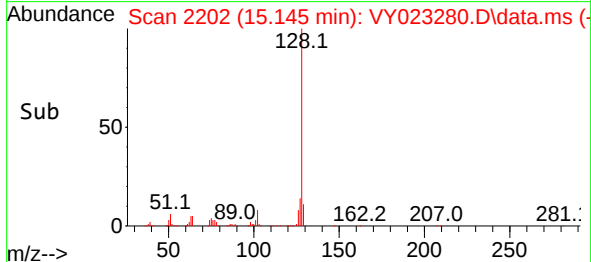
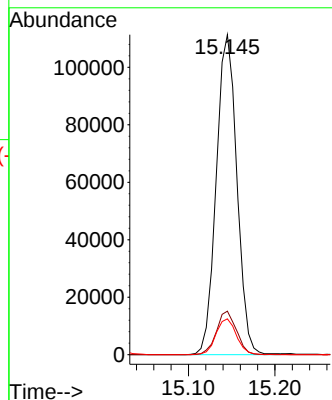
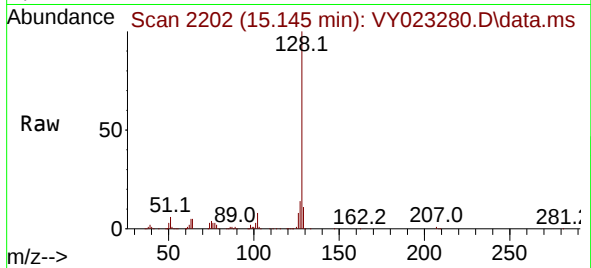




#95
Naphthalene
Concen: 18.625 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 184430
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 9.0 13.4



#96
1,2,3-Trichlorobenzene
Concen: 20.748 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY023280.D
Acq: 04 Sep 2025 10:03

Tgt Ion:180 Resp: 103819
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.7
145 31.6 15.9 47.7

