

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
 Data File : VY023165.D
 Acq On : 20 Aug 2025 10:47
 Operator : SY/MD
 Sample : VY0820SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:38:12 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	458691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	735089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	636567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	318462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	215506	49.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.600%
35) Dibromofluoromethane	7.634	113	219081	49.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.109	98	869197	50.584	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.401	95	269469	48.763	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	80275	21.440	ug/l	95
3) Chloromethane	2.068	50	129029	21.277	ug/l	97
4) Vinyl Chloride	2.202	62	162798	21.717	ug/l	99
5) Bromomethane	2.592	94	134126	23.958	ug/l	100
6) Chloroethane	2.732	64	108494	21.770	ug/l	96
7) Trichlorofluoromethane	3.056	101	189893	20.833	ug/l	99
8) Diethyl Ether	3.452	74	46262	19.184	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	96115	21.374	ug/l	100
10) Methyl Iodide	4.007	142	100958	20.805	ug/l	99
11) Tert butyl alcohol	4.860	59	25147	83.952	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	89821	20.321	ug/l	85
13) Acrolein	3.653	56	30373	69.237	ug/l	96
14) Allyl chloride	4.385	41	122291	18.803	ug/l	98
15) Acrylonitrile	5.061	53	92852	94.707	ug/l	98
16) Acetone	3.866	43	99149	104.688	ug/l	97
17) Carbon Disulfide	4.104	76	291895	20.253	ug/l	100
18) Methyl Acetate	4.385	43	49929	17.715	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	212004	18.509	ug/l	98
20) Methylene Chloride	4.616	84	104716	19.627	ug/l	100
21) trans-1,2-Dichloroethene	5.116	96	101680	20.470	ug/l	95
22) Diisopropyl ether	6.018	45	271713	19.225	ug/l	94
23) Vinyl Acetate	5.964	43	716661	91.704	ug/l	99
24) 1,1-Dichloroethane	5.921	63	175346	20.293	ug/l	98
25) 2-Butanone	6.890	43	126218	97.989	ug/l	99
26) 2,2-Dichloropropane	6.884	77	156041	20.928	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	117682	20.493	ug/l	96
28) Bromochloromethane	7.250	49	69070	20.148	ug/l	97
29) Tetrahydrofuran	7.262	42	71029	88.961	ug/l	98
30) Chloroform	7.421	83	186141	20.888	ug/l	95
31) Cyclohexane	7.707	56	156668	19.240	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	163679	20.700	ug/l	99
36) 1,1-Dichloropropene	7.835	75	133243	20.383	ug/l	100
37) Ethyl Acetate	6.994	43	49060	17.866	ug/l	95
38) Carbon Tetrachloride	7.817	117	144177	20.307	ug/l	99
39) Methylcyclohexane	9.109	83	166387	19.329	ug/l	98
40) Benzene	8.079	78	413943	20.546	ug/l	99

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Quant Time: Aug 21 01:38:12 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)
41) Methacrylonitrile	7.219	41	23151	14.609	ug/l #	79
42) 1,2-Dichloroethane	8.158	62	103626	19.776	ug/l	99
43) Isopropyl Acetate	8.201	43	99492	17.926	ug/l	99
44) Trichloroethene	8.865	130	111061	21.331	ug/l	98
45) 1,2-Dichloropropane	9.140	63	94617	20.410	ug/l	98
46) Dibromomethane	9.231	93	53795	20.218	ug/l	99
47) Bromodichloromethane	9.426	83	138936	20.293	ug/l	96
48) Methyl methacrylate	9.219	41	43680	16.447	ug/l	89
49) 1,4-Dioxane	9.231	88	11228	359.891	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	252611	88.238	ug/l	100
52) Toluene	10.170	92	259191	20.255	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	117022	18.875	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	143310	19.548	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	70644	19.842	ug/l	96
56) Ethyl methacrylate	10.438	69	79678	17.489	ug/l	99
57) 1,3-Dichloropropane	10.713	76	118960	19.701	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	200973	93.519	ug/l	98
59) 2-Hexanone	10.761	43	177221	90.910	ug/l	99
60) Dibromochloromethane	10.908	129	95053	20.233	ug/l	100
61) 1,2-Dibromoethane	11.011	107	66544	19.885	ug/l	98
64) Tetrachloroethene	10.646	164	130109	22.890	ug/l	99
65) Chlorobenzene	11.438	112	284250	20.702	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	97732	20.972	ug/l	99
67) Ethyl Benzene	11.517	91	473680	20.046	ug/l	98
68) m/p-Xylenes	11.627	106	374264	40.554	ug/l	98
69) o-Xylene	11.950	106	172013	19.901	ug/l	99
70) Styrene	11.969	104	284779	20.146	ug/l	99
71) Bromoform	12.127	173	53066	19.484	ug/l #	99
73) Isopropylbenzene	12.249	105	445458	19.819	ug/l	100
74) N-amyl acetate	12.066	43	82148	17.234	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	69126	18.012	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	97596	31.754	ug/l #	100
77) Bromobenzene	12.529	156	108125	20.164	ug/l	98
78) n-propylbenzene	12.590	91	541739	20.244	ug/l	99
79) 2-Chlorotoluene	12.676	91	307721	20.070	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	365810	20.138	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	22468	17.696	ug/l	96
82) 4-Chlorotoluene	12.773	91	319229	20.070	ug/l	99
83) tert-Butylbenzene	12.993	119	328564	20.026	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	366569	20.271	ug/l	100
85) sec-Butylbenzene	13.170	105	485018	20.125	ug/l	100
86) p-Isopropyltoluene	13.285	119	406983	20.344	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	216933	20.515	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	213625	20.365	ug/l	100
89) n-Butylbenzene	13.615	91	364336	19.829	ug/l	99
90) Hexachloroethane	13.877	117	85833	20.959	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	187828	20.253	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	10929	18.290	ug/l	99
93) 1,2,4-Trichlorobenzene	14.913	180	104044	18.972	ug/l	99
94) Hexachlorobutadiene	15.017	225	64968	20.160	ug/l	98
95) Naphthalene	15.139	128	158700	16.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	88372	18.700	ug/l	100

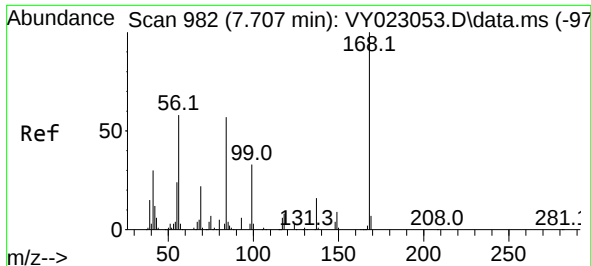
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082025\
Data File : VY023165.D
Acq On : 20 Aug 2025 10:47
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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

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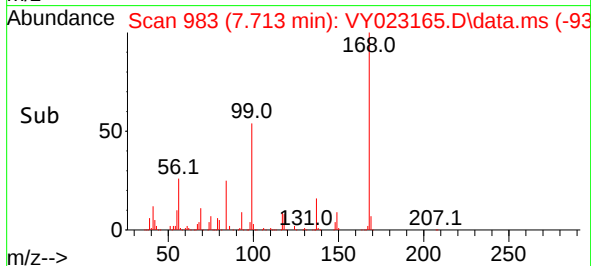
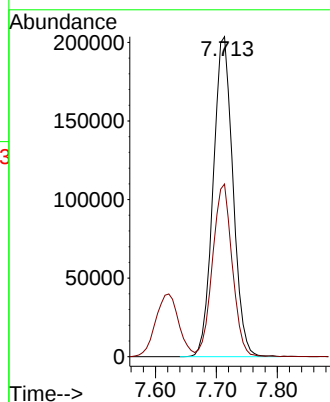
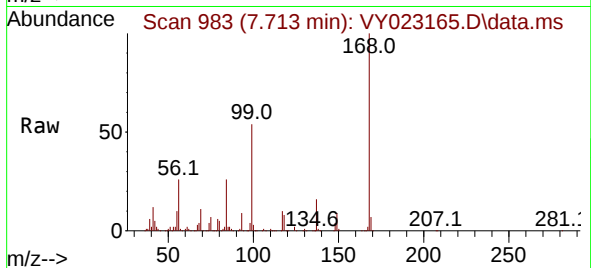
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

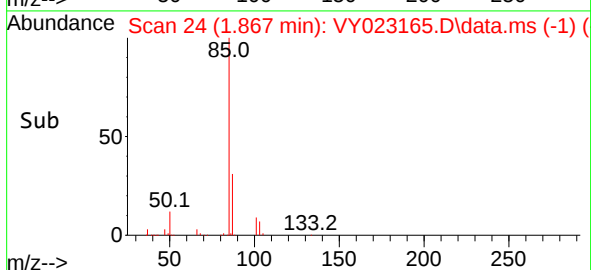
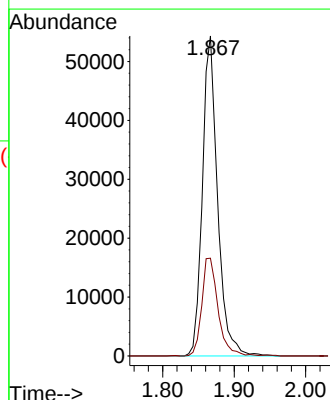
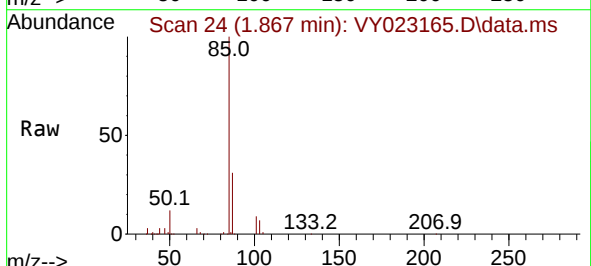
Instrument :
MSVOA_Y
ClientSampleId :

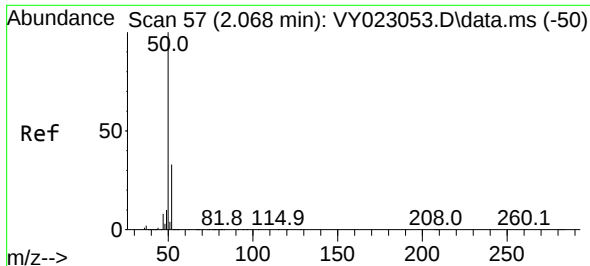
Tgt Ion:168 Resp: 458691
Ion Ratio Lower Upper
168 100
99 53.9 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.440 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 85 Resp: 80275
Ion Ratio Lower Upper
85 100
87 30.5 16.6 49.8

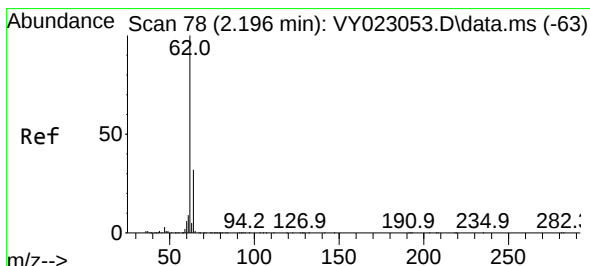
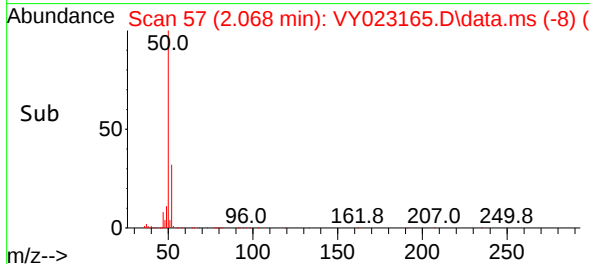
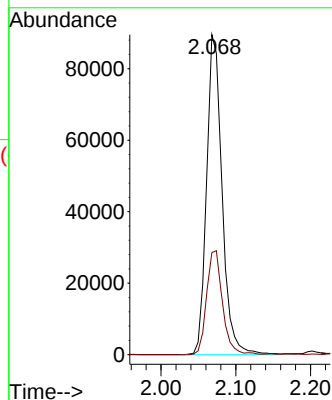
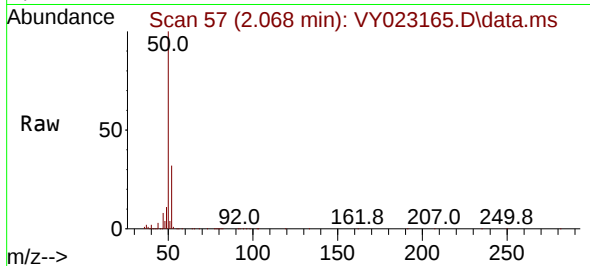




#3
Chloromethane
Concen: 21.277 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

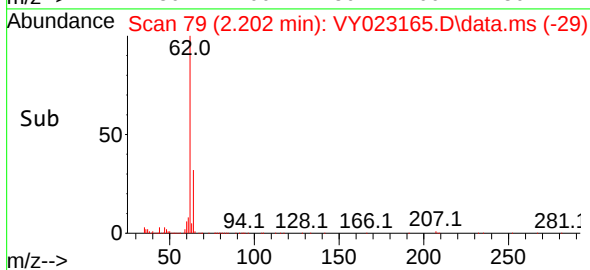
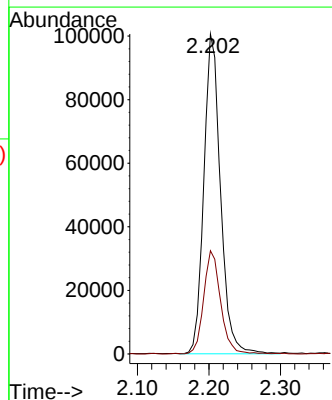
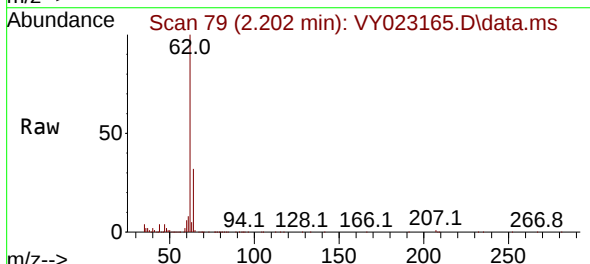
Instrument :
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ClientSampleId :

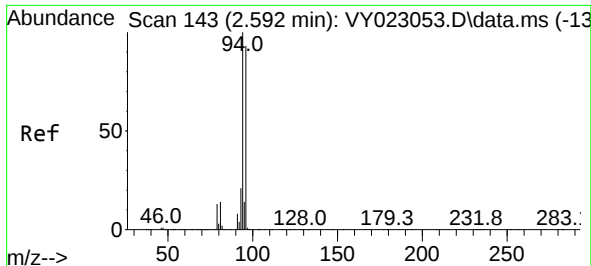
Tgt Ion: 50 Resp: 129029
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1



#4
Vinyl Chloride
Concen: 21.717 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 62 Resp: 162798
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0

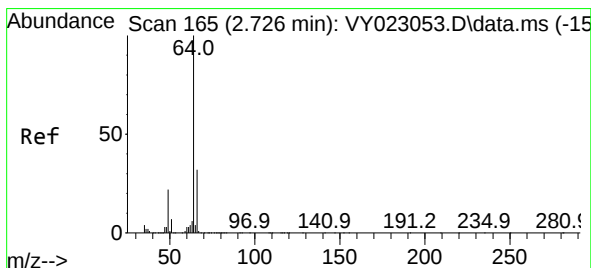
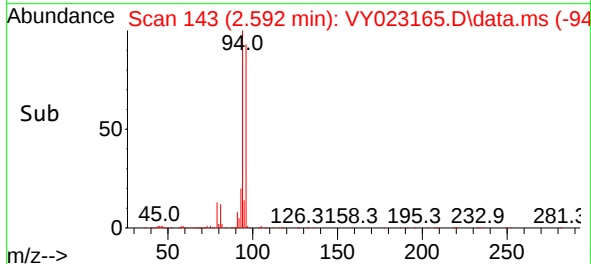
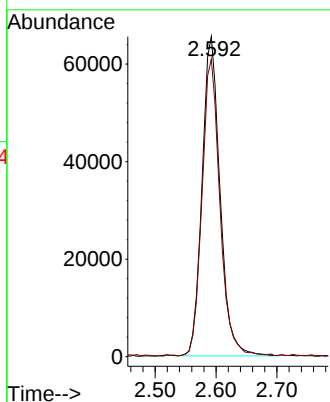
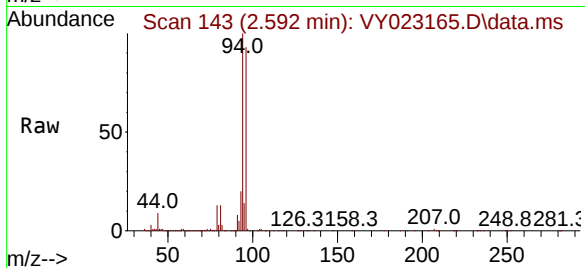




#5
Bromomethane
Concen: 23.958 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

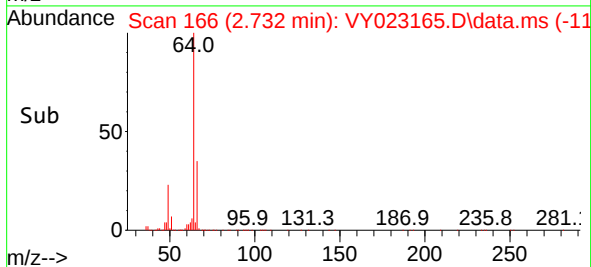
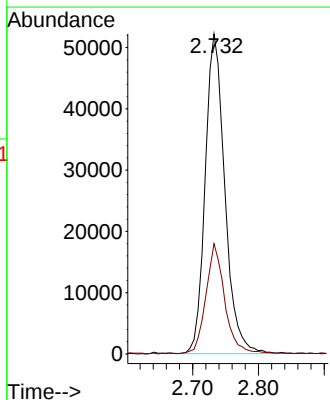
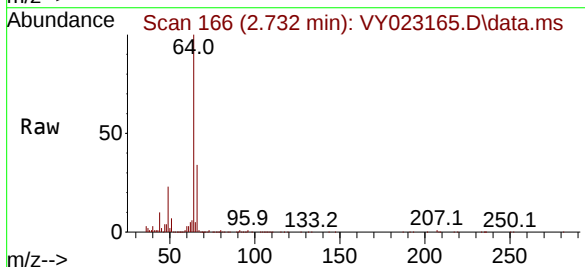
Instrument :
MSVOA_Y
ClientSampleId :

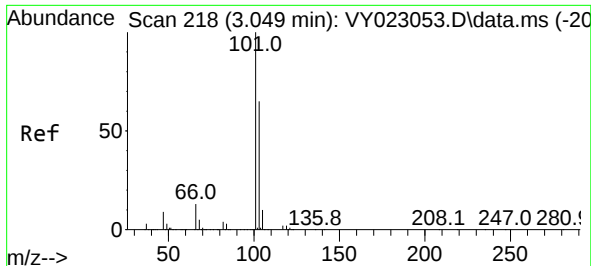
Tgt Ion: 94 Resp: 134126
Ion Ratio Lower Upper
94 100
96 92.9 74.6 112.0



#6
Chloroethane
Concen: 21.770 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 64 Resp: 108494
Ion Ratio Lower Upper
64 100
66 34.3 25.8 38.6

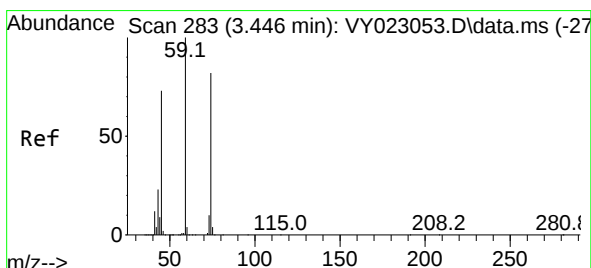
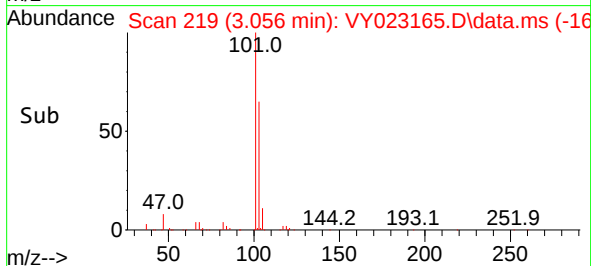
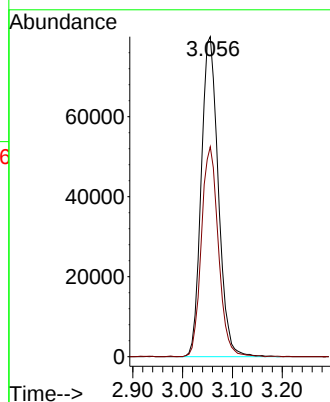
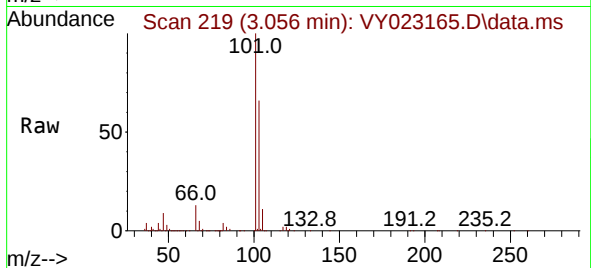




#7
 Trichlorofluoromethane
 Concen: 20.833 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023165.D
 Acq: 20 Aug 2025 10:47

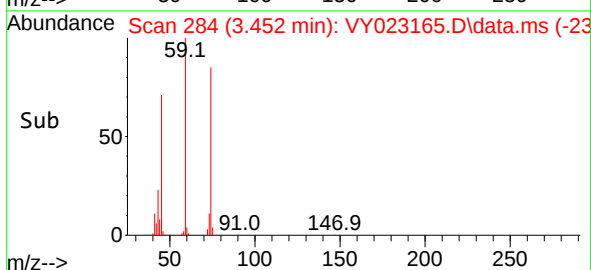
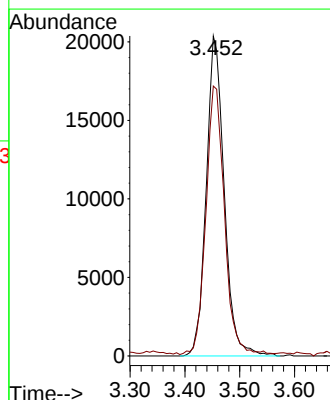
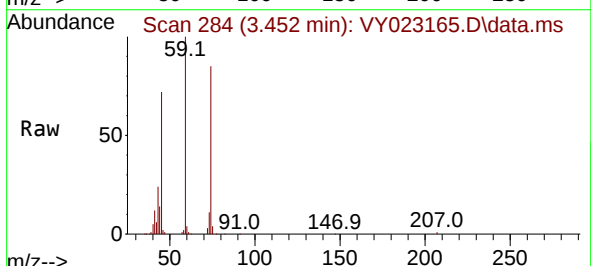
Instrument :
 MSVOA_Y
 ClientSampleId :

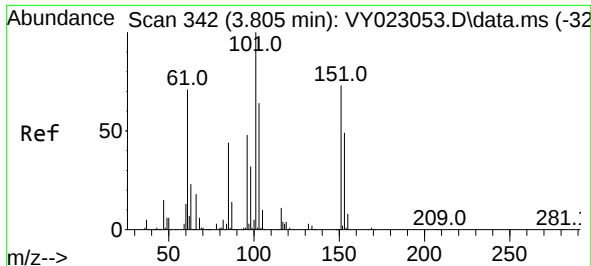
Tgt Ion:101 Resp: 189893
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 19.184 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023165.D
 Acq: 20 Aug 2025 10:47

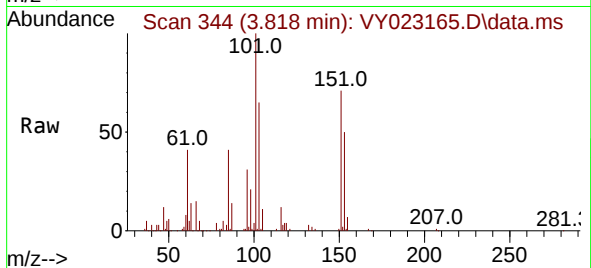
Tgt Ion: 74 Resp: 46262
 Ion Ratio Lower Upper
 74 100
 45 86.5 44.4 133.2



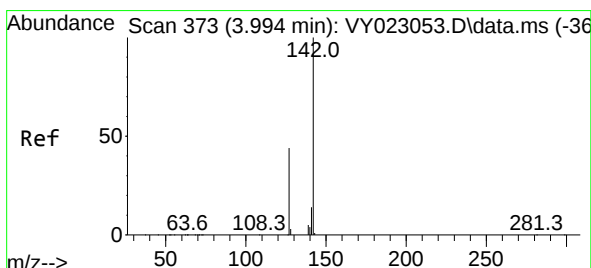
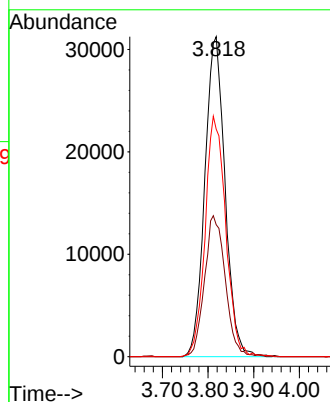
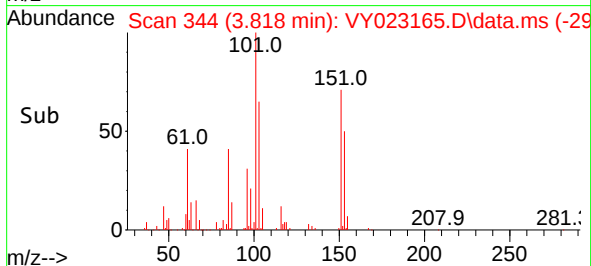


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.374 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

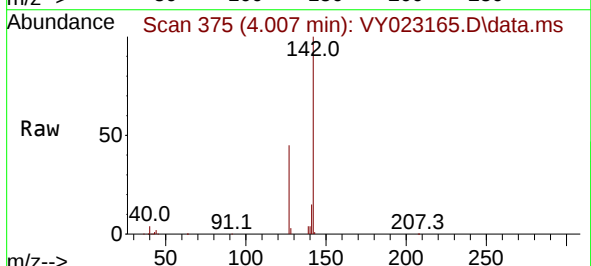
Instrument :
MSVOA_Y
ClientSampleId :



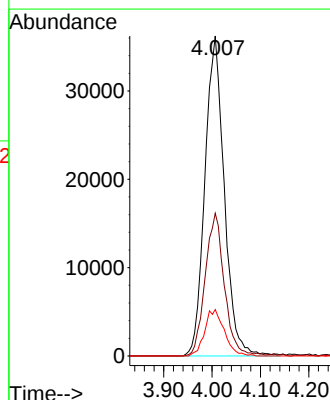
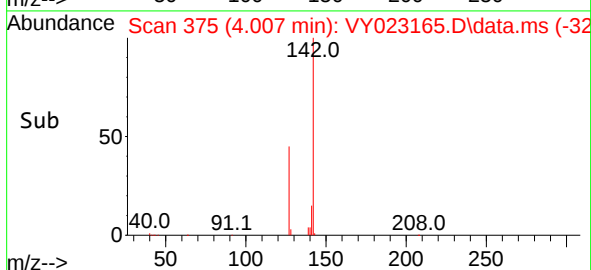
Tgt Ion:101 Resp: 96115
Ion Ratio Lower Upper
101 100
85 45.2 36.3 54.5
151 76.5 61.5 92.3



#10
Methyl Iodide
Concen: 20.805 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47



Tgt Ion:142 Resp: 100958
Ion Ratio Lower Upper
142 100
127 44.0 34.9 52.3
141 14.7 11.3 16.9

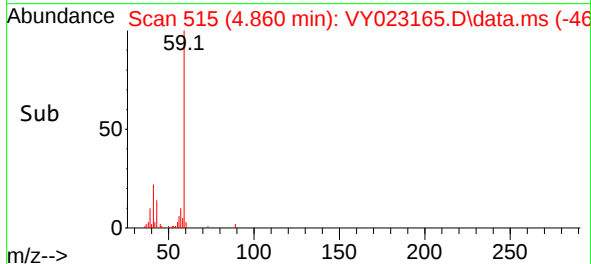
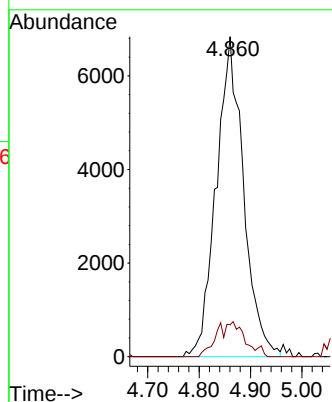
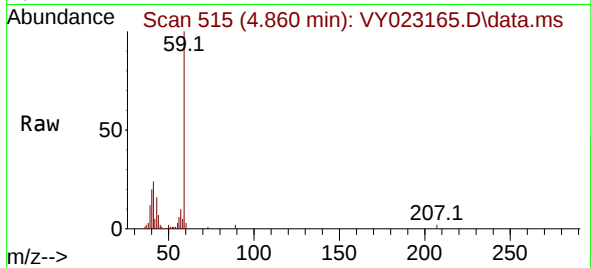




#11
Tert butyl alcohol
Concen: 83.952 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

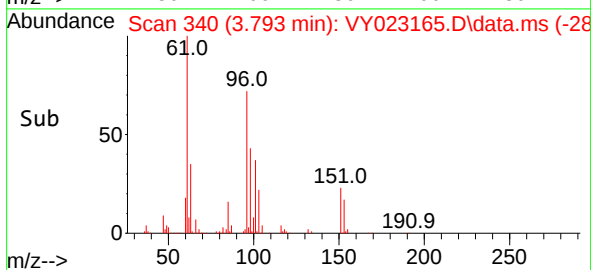
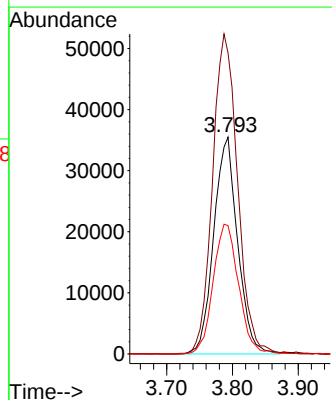
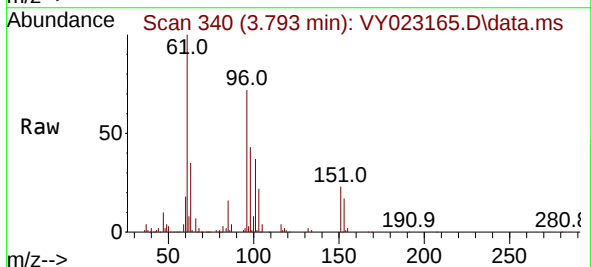
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 25147
Ion Ratio Lower Upper
59 100
57 5.4 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 20.321 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 96 Resp: 89821
Ion Ratio Lower Upper
96 100
61 138.5 129.4 194.2
98 59.2 52.8 79.2





#13

Acrolein

Concen: 69.237 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

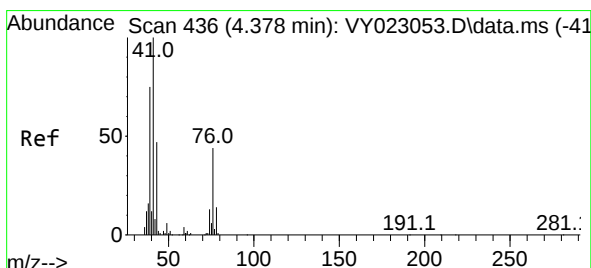
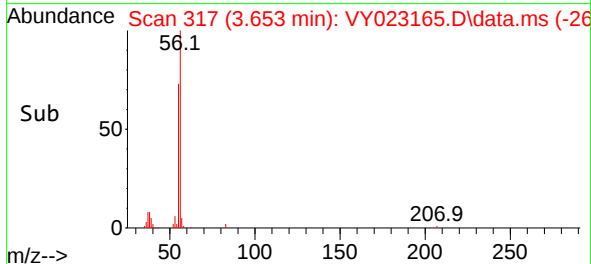
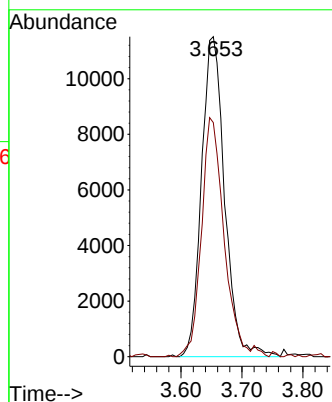
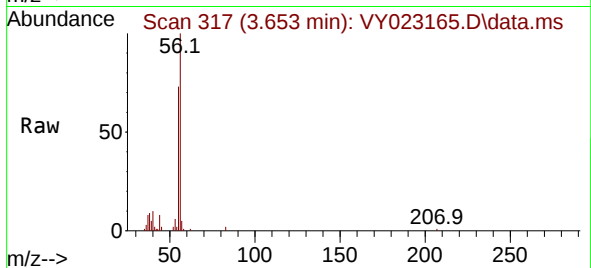
ClientSampleId :

Tgt Ion: 56 Resp: 30373

Ion Ratio Lower Upper

56 100

55 72.1 55.2 82.8



#14

Allyl chloride

Concen: 18.803 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

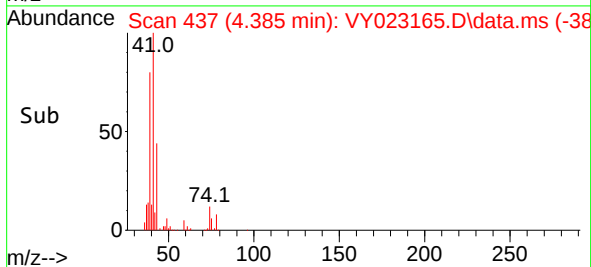
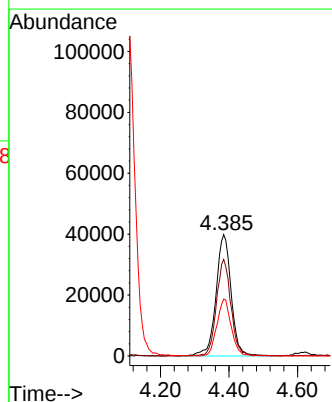
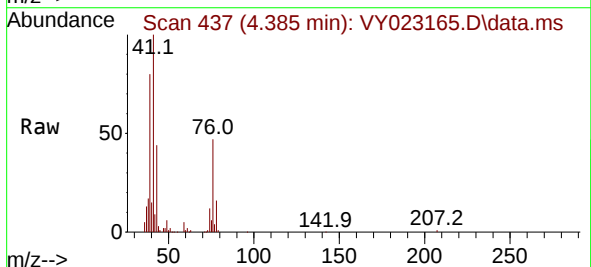
Tgt Ion: 41 Resp: 122291

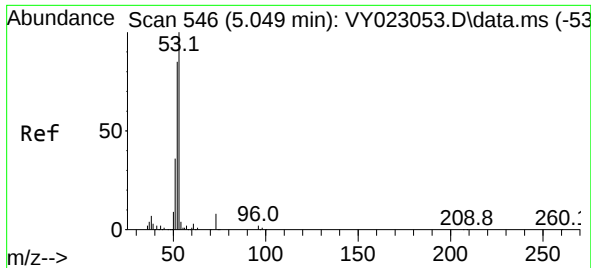
Ion Ratio Lower Upper

41 100

39 75.9 59.8 89.6

76 43.9 33.7 50.5

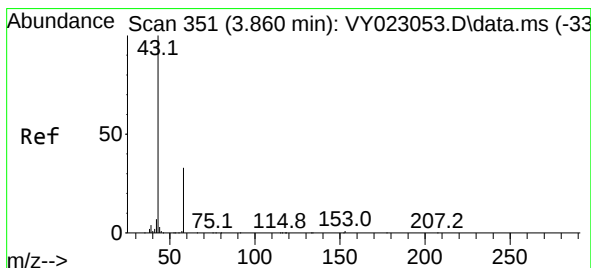
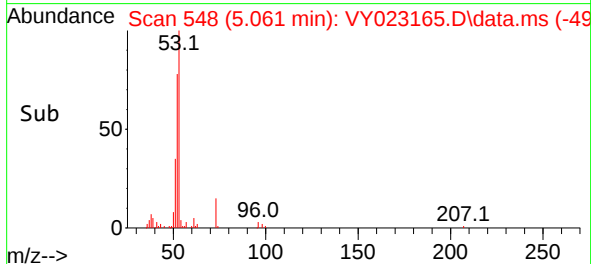
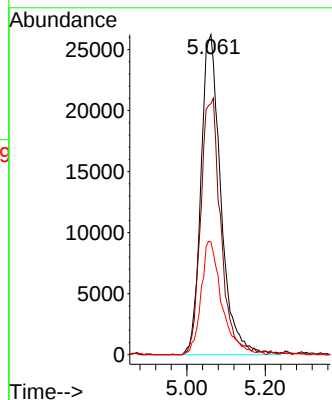
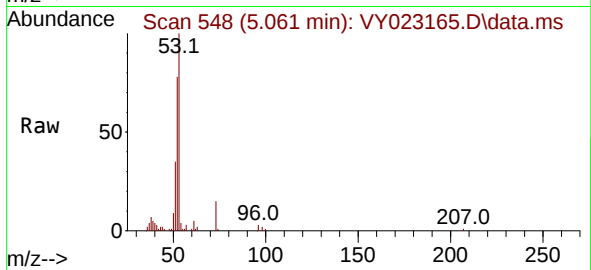




#15
Acrylonitrile
Concen: 94.707 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

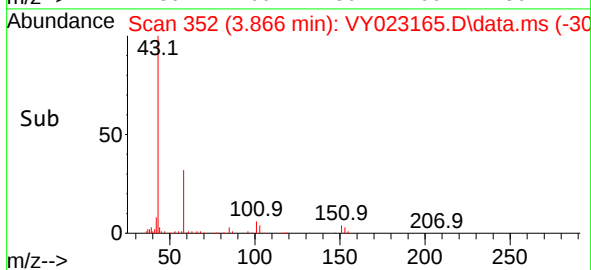
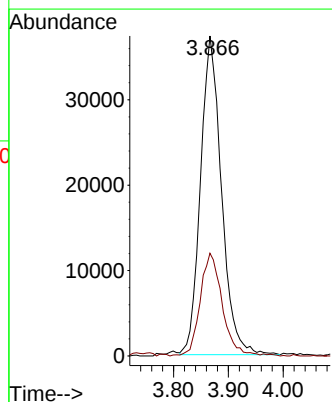
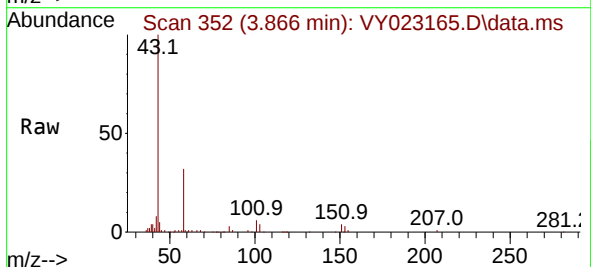
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 92852
Ion Ratio Lower Upper
53 100
52 79.6 65.3 97.9
51 36.8 29.5 44.3



#16
Acetone
Concen: 104.688 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 43 Resp: 99149
Ion Ratio Lower Upper
43 100
58 32.3 27.1 40.7

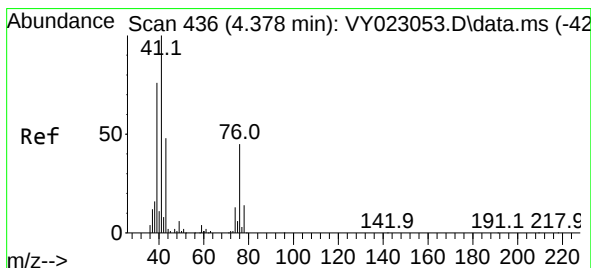
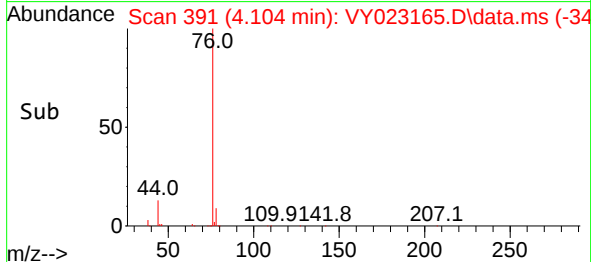
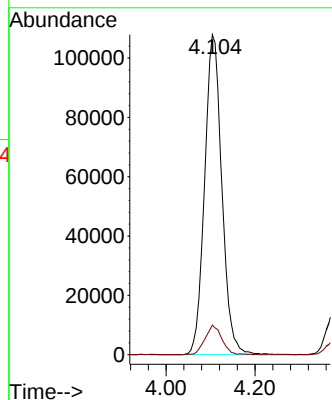
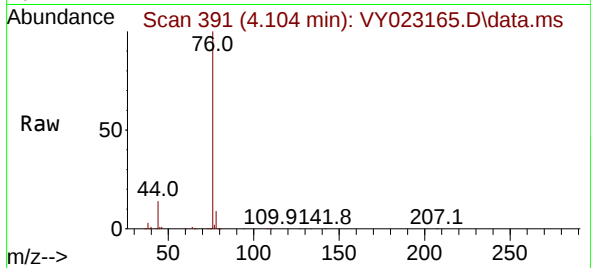




#17
Carbon Disulfide
Concen: 20.253 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

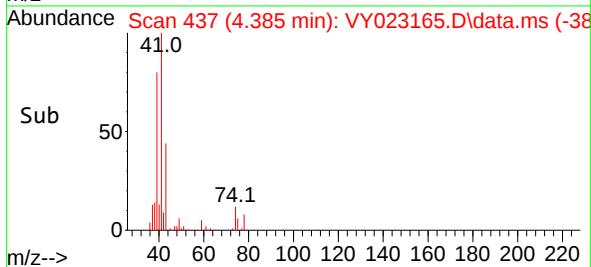
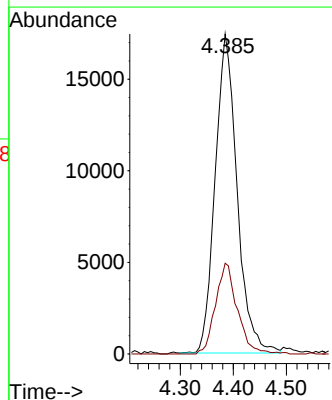
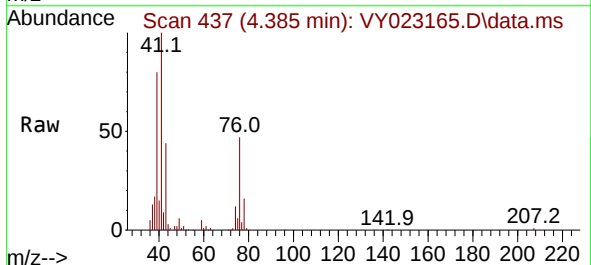
Instrument :
MSVOA_Y
ClientSampleId :

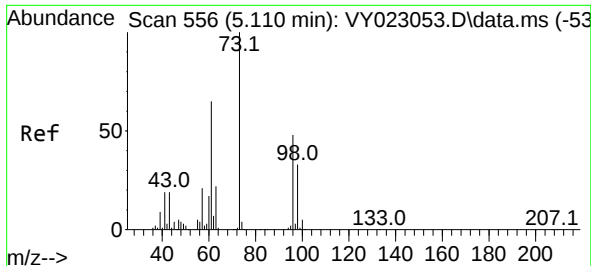
Tgt Ion: 76 Resp: 291895
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 17.715 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 43 Resp: 49929
Ion Ratio Lower Upper
43 100
74 28.4 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 18.509 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

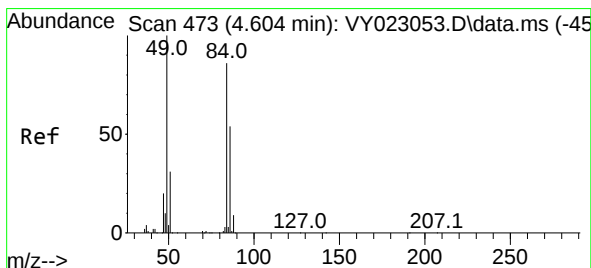
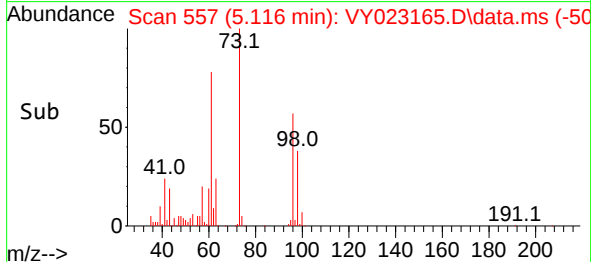
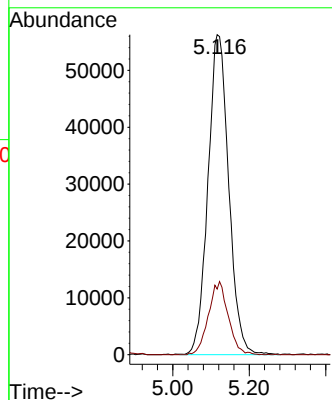
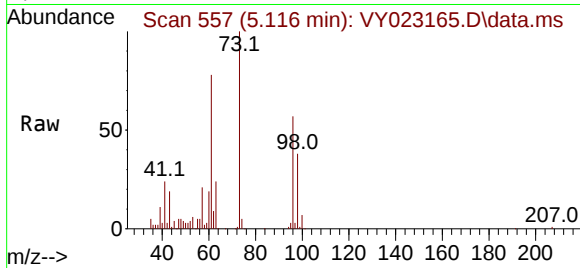
ClientSampleId :

Tgt Ion: 73 Resp: 212004

Ion Ratio Lower Upper

73 100

57 20.5 17.1 25.7



#20

Methylene Chloride

Concen: 19.627 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Tgt Ion: 84 Resp: 104716

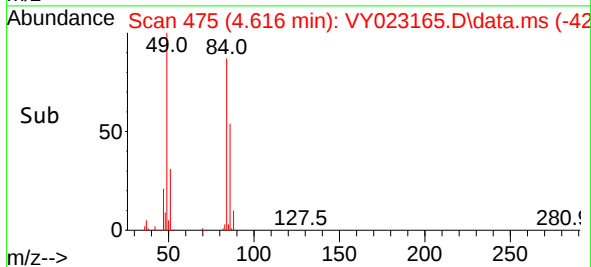
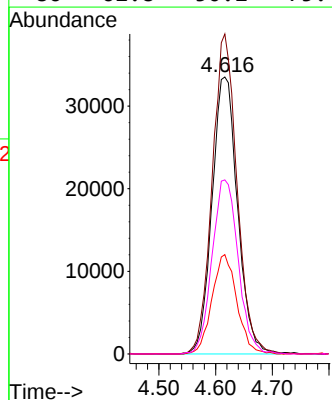
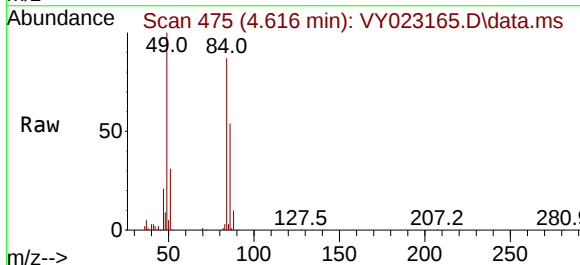
Ion Ratio Lower Upper

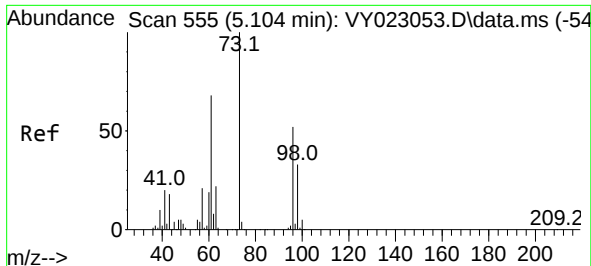
84 100

49 115.6 93.0 139.6

51 35.9 29.0 43.4

86 62.8 50.2 75.4

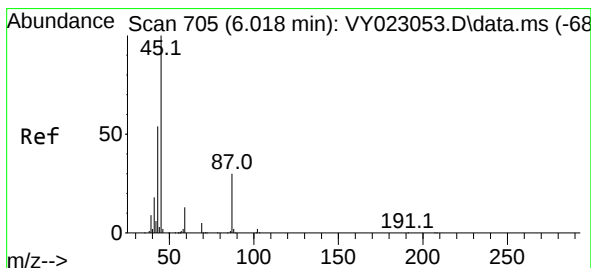
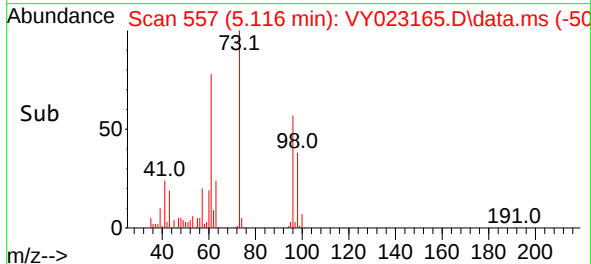
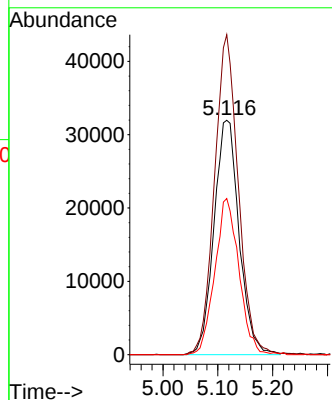
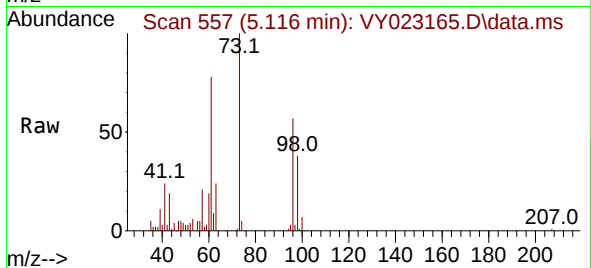




#21
trans-1,2-Dichloroethene
Concen: 20.470 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

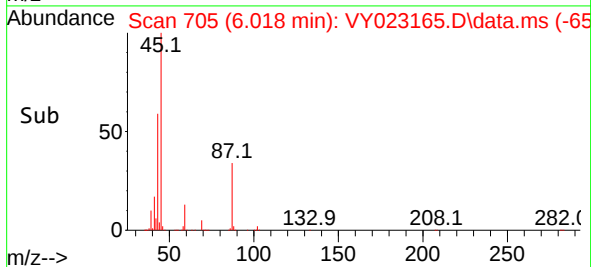
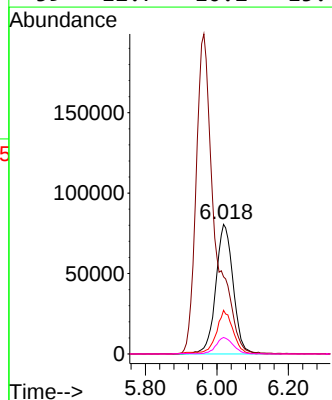
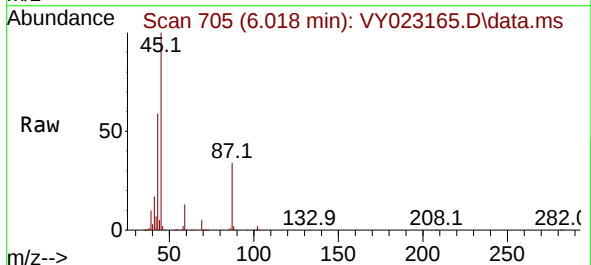
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 101680
Ion Ratio Lower Upper
96 100
61 136.5 104.8 157.2
98 66.6 50.1 75.1



#22
Diisopropyl ether
Concen: 19.225 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 45 Resp: 271713
Ion Ratio Lower Upper
45 100
43 59.1 43.4 65.0
87 33.6 24.4 36.6
59 12.7 10.2 15.4

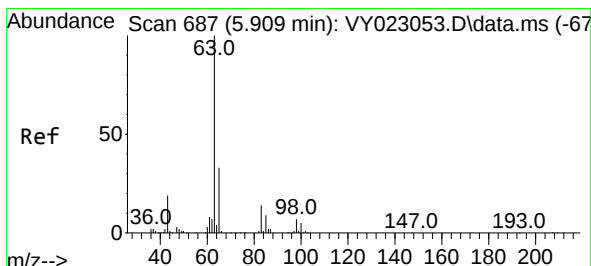
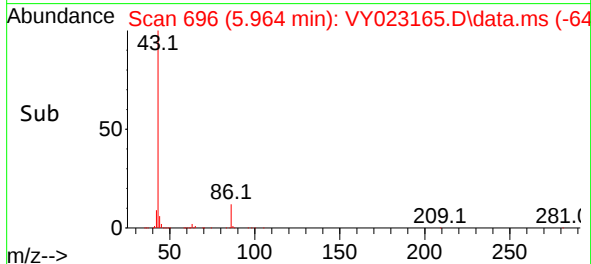
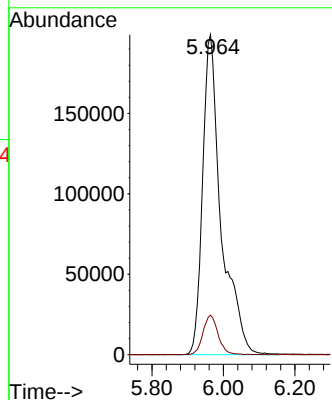
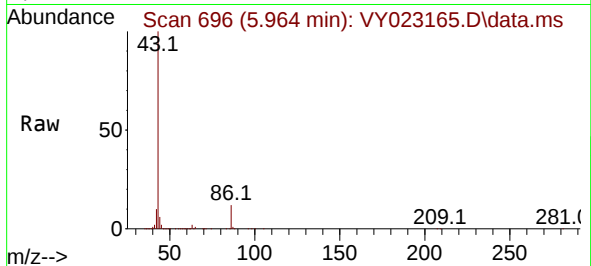




#23
 Vinyl Acetate
 Concen: 91.704 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023165.D
 Acq: 20 Aug 2025 10:47

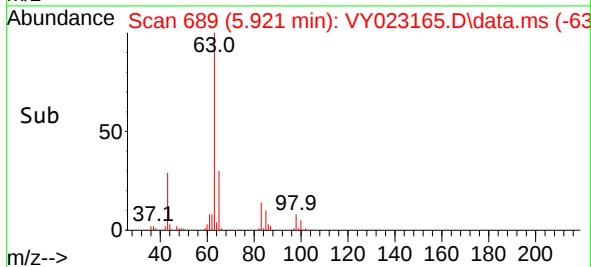
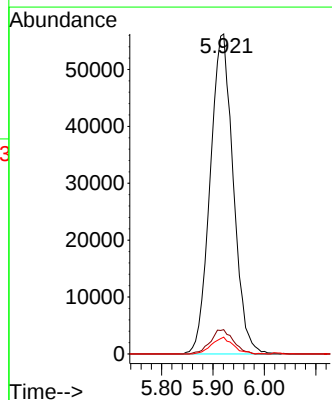
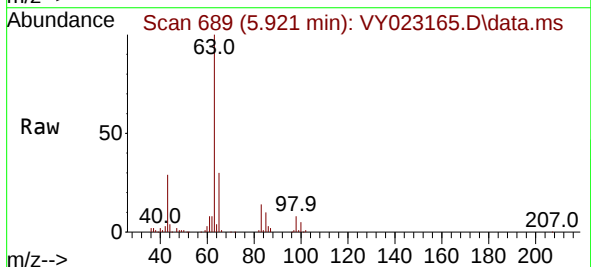
Instrument :
 MSVOA_Y
 ClientSampleId :

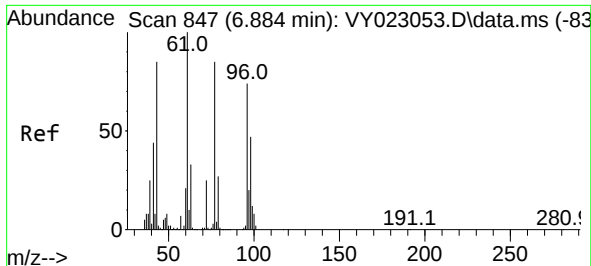
Tgt Ion: 43 Resp: 716661
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.293 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023165.D
 Acq: 20 Aug 2025 10:47

Tgt Ion: 63 Resp: 175346
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 5.2 2.4 7.1

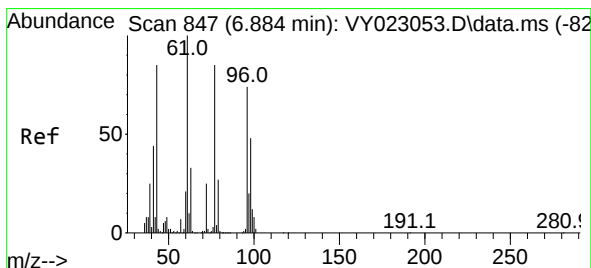
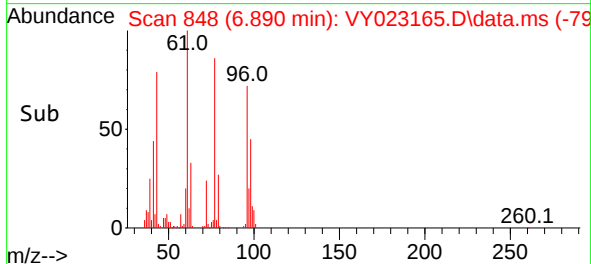
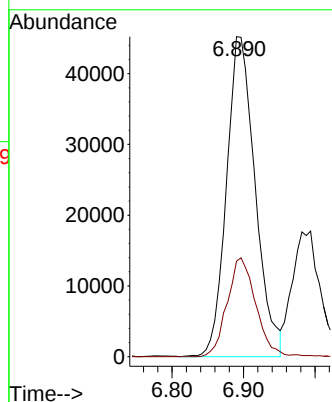
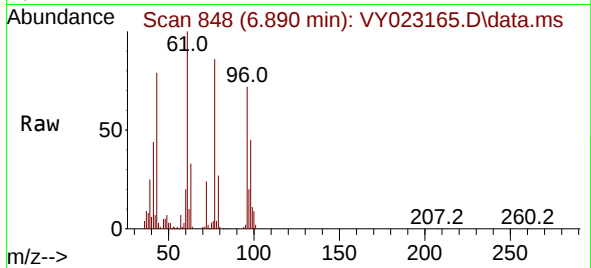




#25
2-Butanone
Concen: 97.989 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

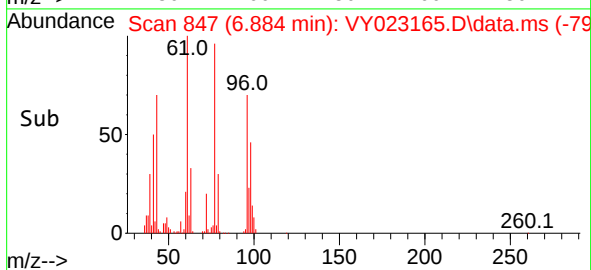
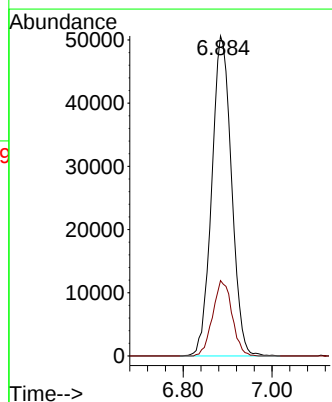
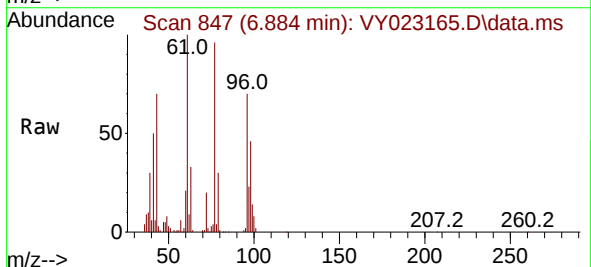
Instrument :
MSVOA_Y
ClientSampleId :

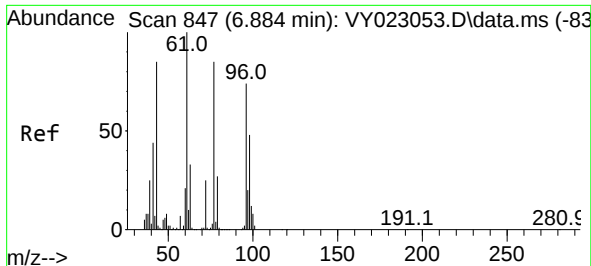
Tgt Ion: 43 Resp: 126218
Ion Ratio Lower Upper
43 100
72 29.8 23.5 35.3



#26
2,2-Dichloropropane
Concen: 20.928 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 77 Resp: 156041
Ion Ratio Lower Upper
77 100
97 23.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.493 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

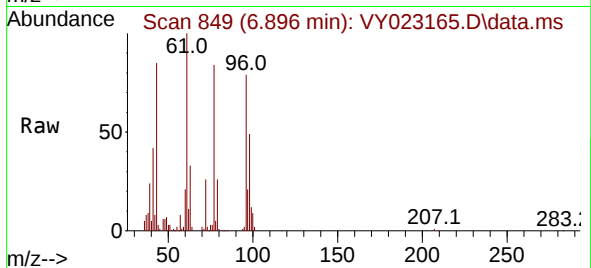
Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :



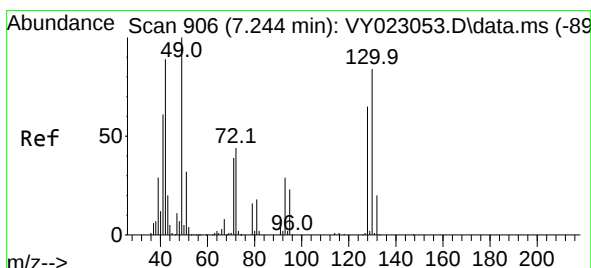
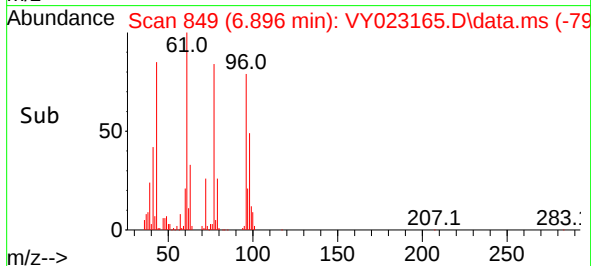
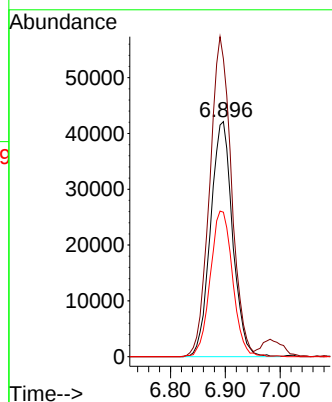
Tgt Ion: 96 Resp: 117682

Ion	Ratio	Lower	Upper
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96	100		
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61	134.4	0.0	278.6
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98	62.7	0.0	130.4
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#28

Bromochloromethane

Concen: 20.148 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

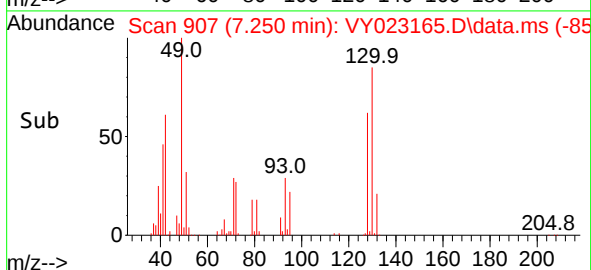
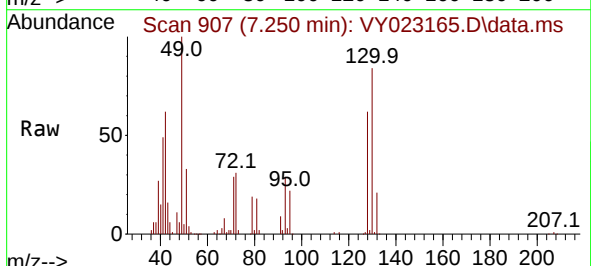
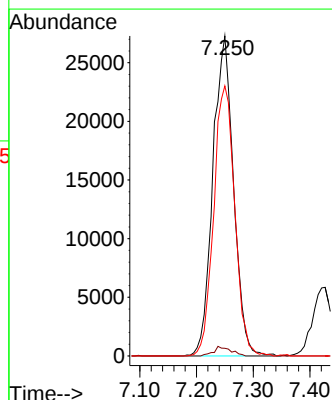
Tgt Ion: 49 Resp: 69070

Ion	Ratio	Lower	Upper
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49	100		
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129	2.5	0.0	4.2
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130	85.8	66.4	99.6
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#29

Tetrahydrofuran

Concen: 88.961 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

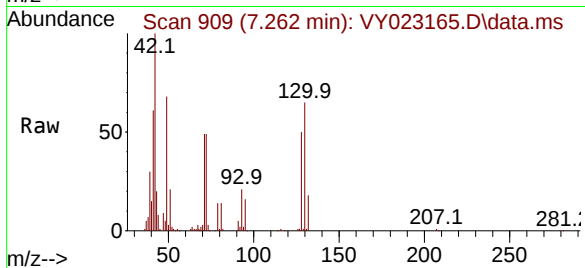
Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :



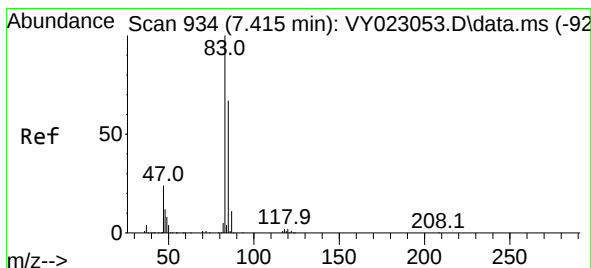
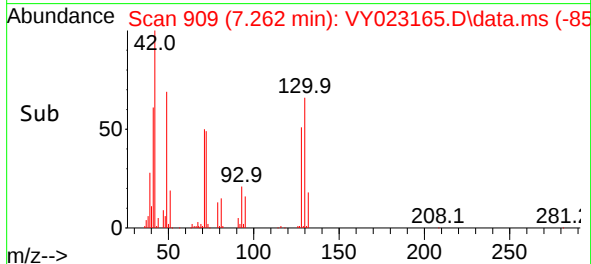
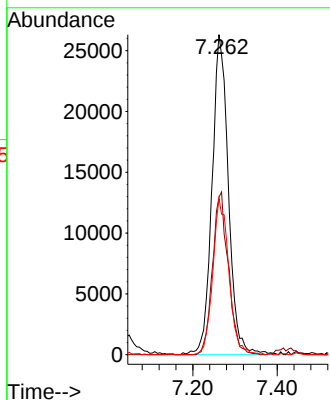
Tgt Ion: 42 Resp: 71029

Ion Ratio Lower Upper

42 100

72 49.0 39.4 59.2

71 47.8 36.5 54.7



#30

Chloroform

Concen: 20.888 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023165.D

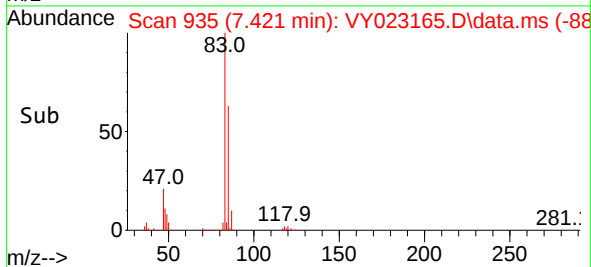
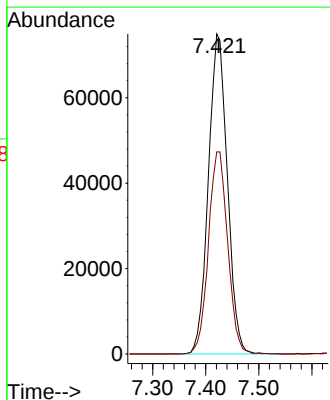
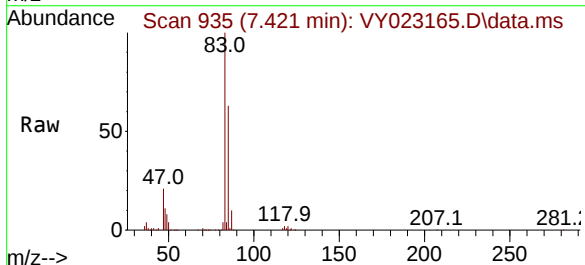
Acq: 20 Aug 2025 10:47

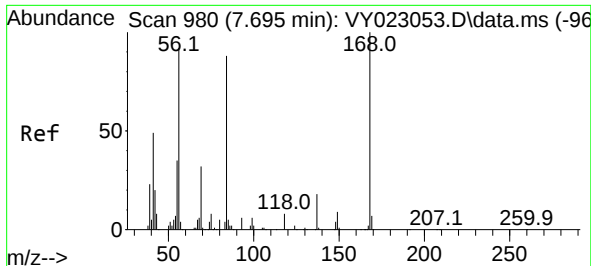
Tgt Ion: 83 Resp: 186141

Ion Ratio Lower Upper

83 100

85 63.2 53.8 80.8

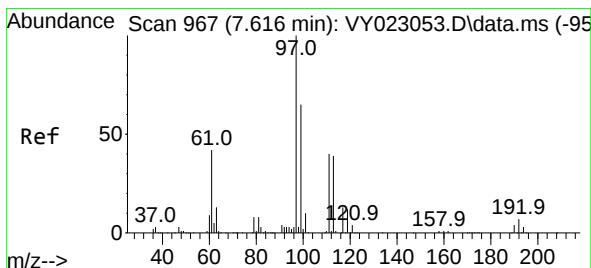
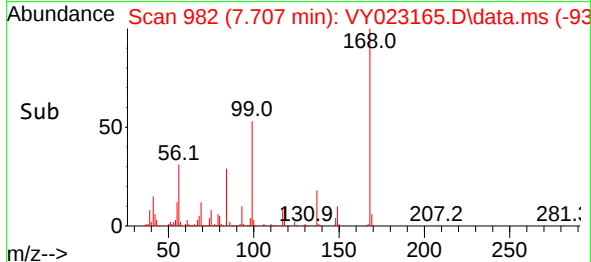
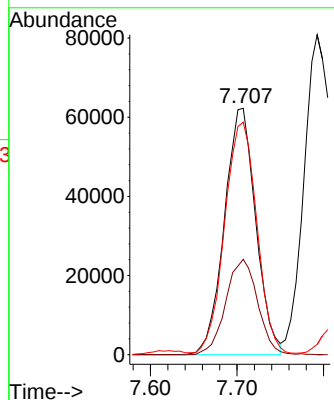
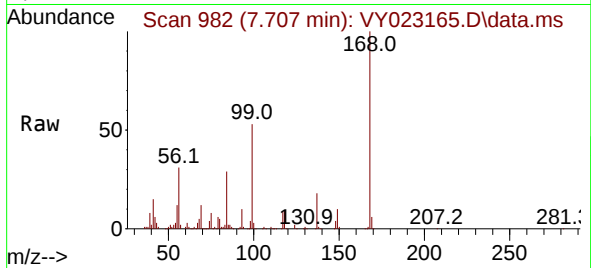




#31
Cyclohexane
Concen: 19.240 ug/l
RT: 7.707 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

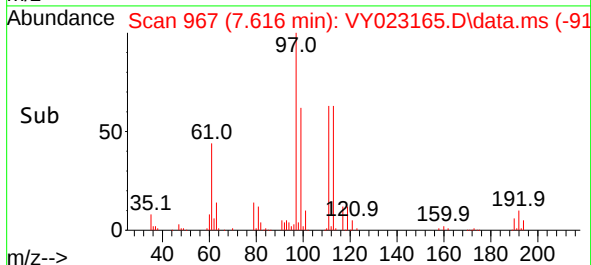
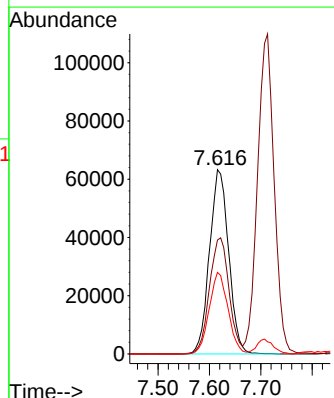
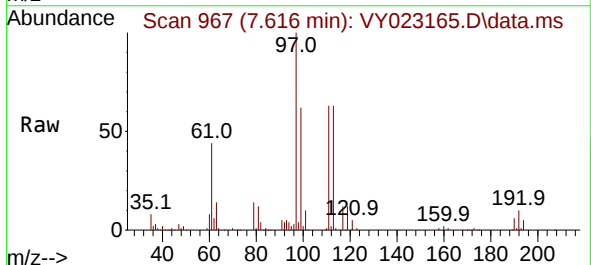
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 156668
Ion Ratio Lower Upper
56 100
69 38.7 28.2 42.2
84 92.9 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.700 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 97 Resp: 163679
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 43.6 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.296 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

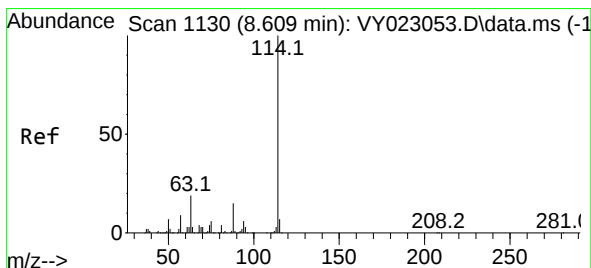
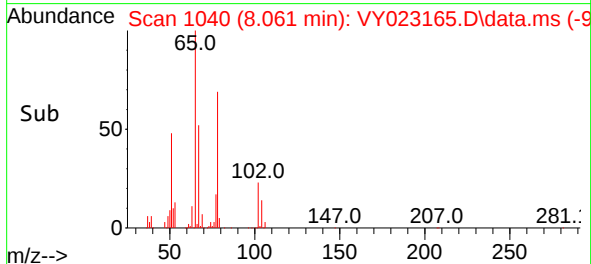
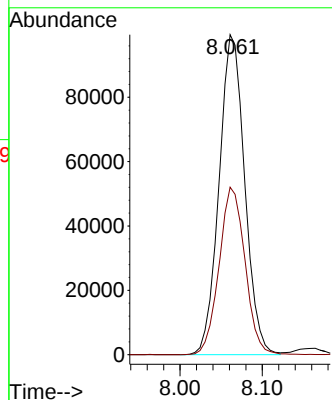
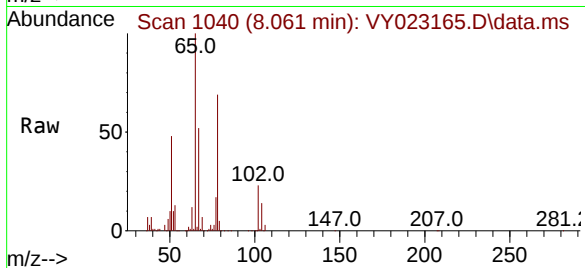
ClientSampleId :

Tgt Ion: 65 Resp: 215506

Ion Ratio Lower Upper

65 100

67 52.9 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: VY023165.D

Acq: 20 Aug 2025 10:47

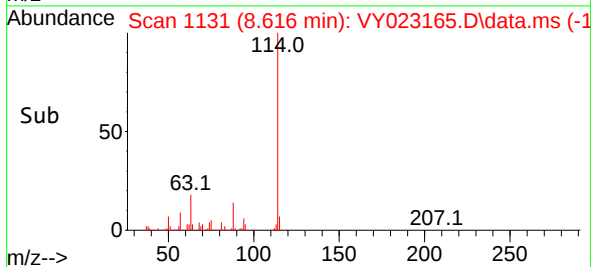
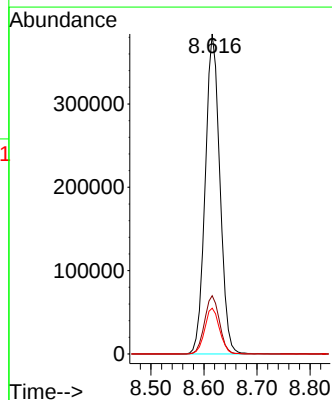
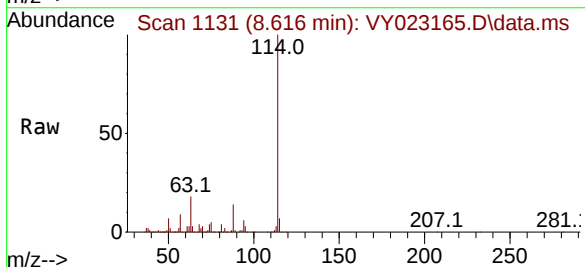
Tgt Ion: 114 Resp: 735089

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 14.3 0.0 30.0

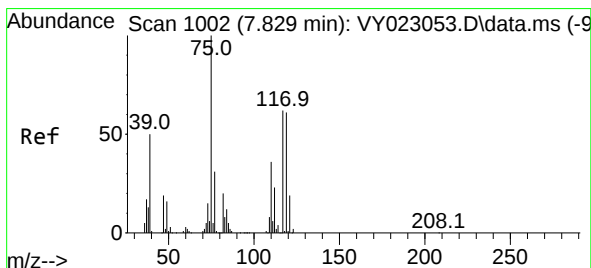
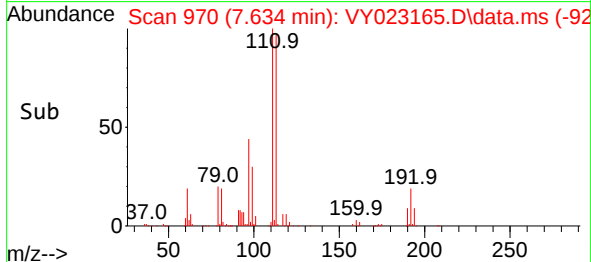
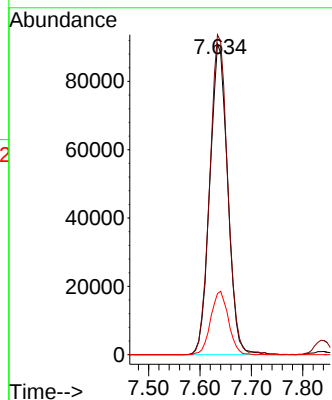
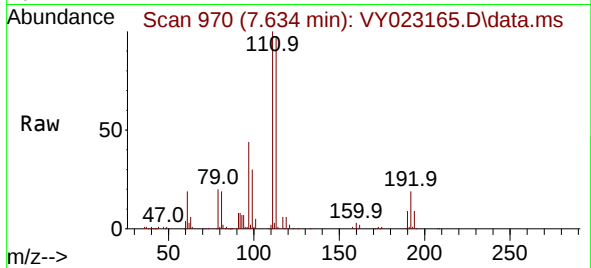




#35
Dibromofluoromethane
Concen: 49.808 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

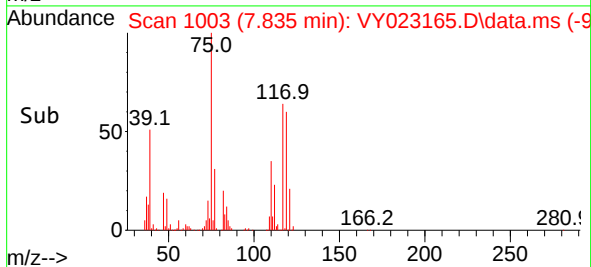
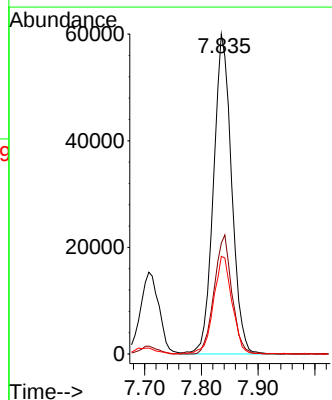
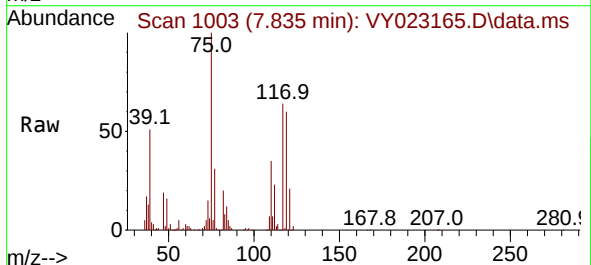
Instrument :
MSVOA_Y
ClientSampleId :

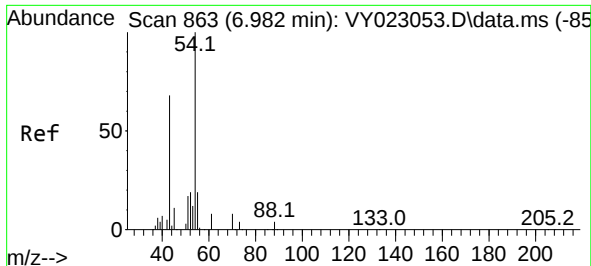
Tgt Ion:113 Resp: 219081
Ion Ratio Lower Upper
113 100
111 103.7 81.1 121.7
192 20.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.383 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 75 Resp: 133243
Ion Ratio Lower Upper
75 100
110 36.2 18.1 54.4
77 31.2 24.6 37.0

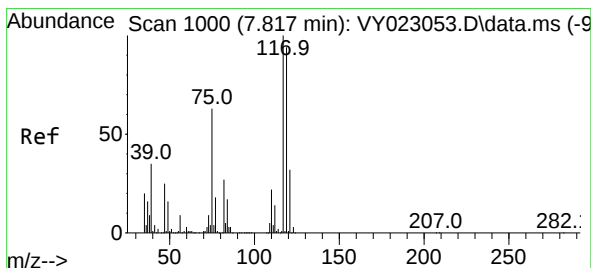
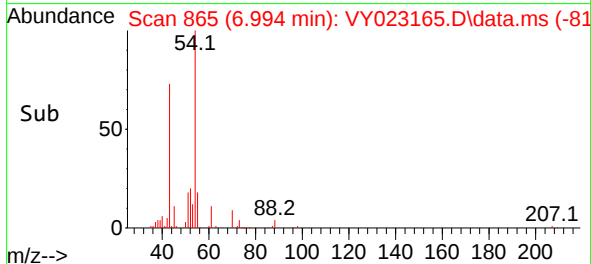
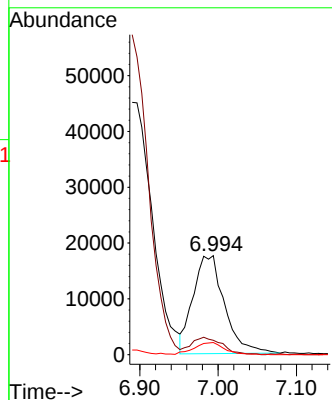
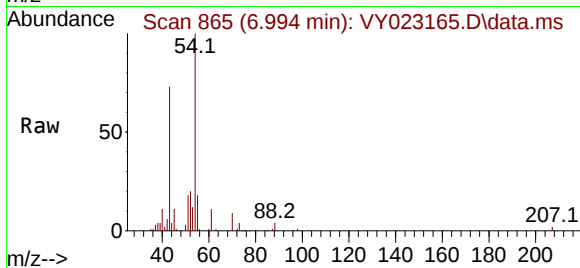




#37
Ethyl Acetate
Concen: 17.866 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

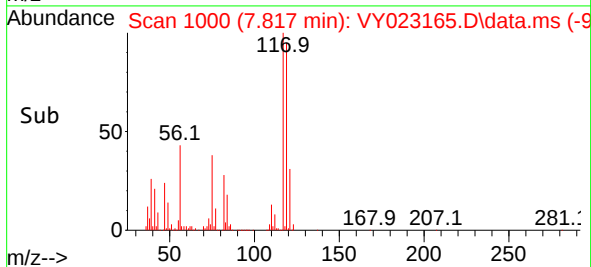
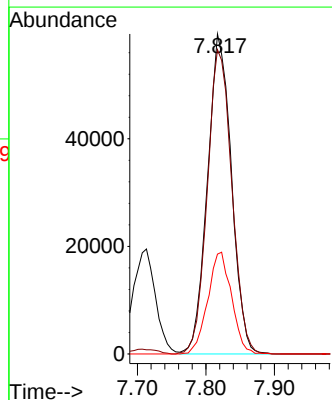
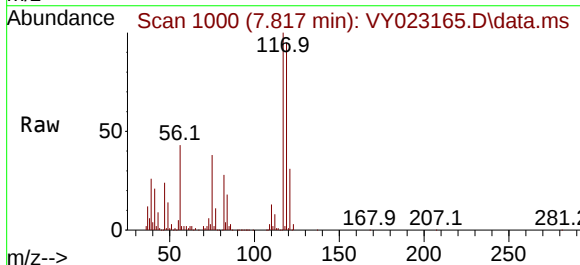
Instrument :
MSVOA_Y
ClientSampleId :

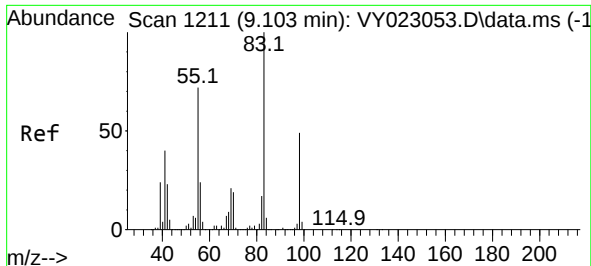
Tgt Ion: 43 Resp: 49060
Ion Ratio Lower Upper
43 100
61 17.7 11.9 17.9
70 12.0 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.307 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 117 Resp: 144177
Ion Ratio Lower Upper
117 100
119 95.1 75.6 113.4
121 31.2 25.8 38.8





#39

Methylcyclohexane

Concen: 19.329 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

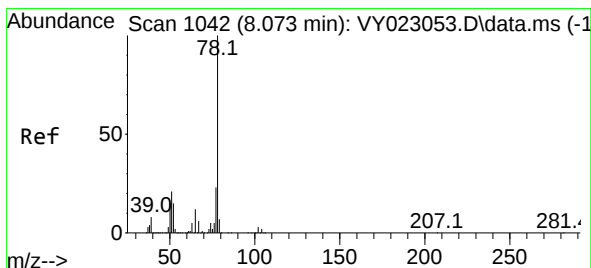
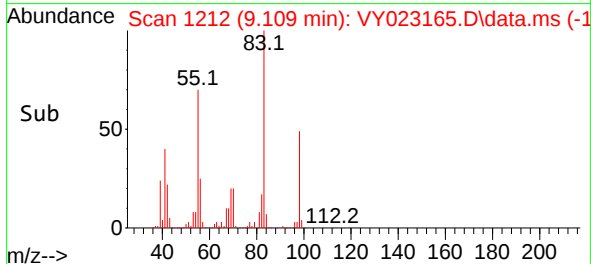
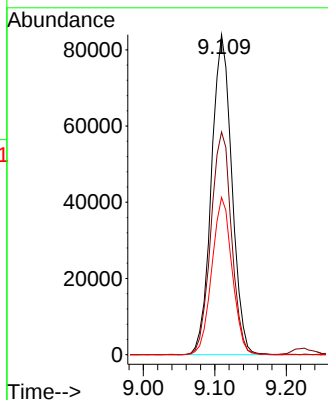
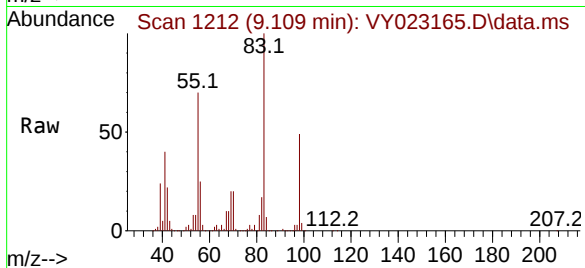
Tgt Ion: 83 Resp: 166387

Ion Ratio Lower Upper

83 100

55 69.6 57.6 86.4

98 49.1 39.2 58.8



#40

Benzene

Concen: 20.546 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023165.D

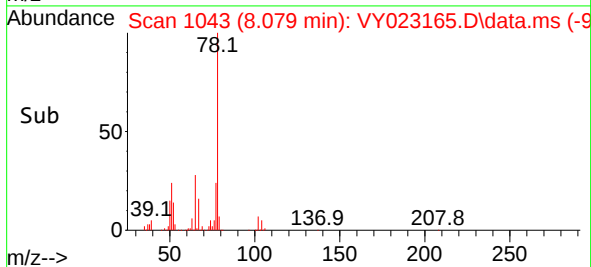
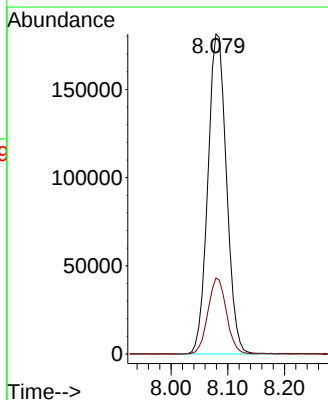
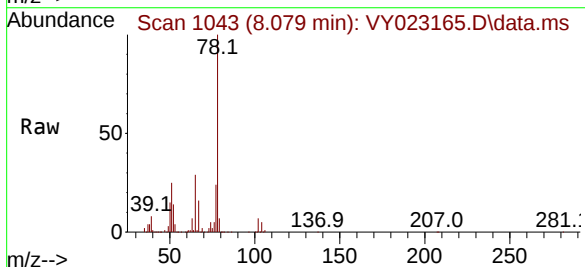
Acq: 20 Aug 2025 10:47

Tgt Ion: 78 Resp: 413943

Ion Ratio Lower Upper

78 100

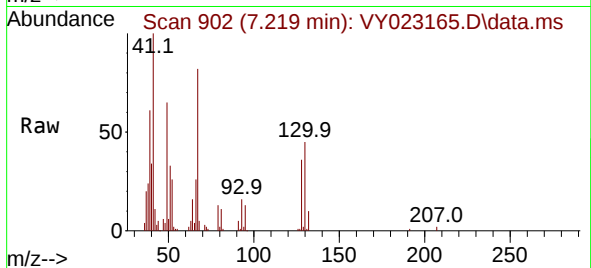
77 23.7 18.6 28.0



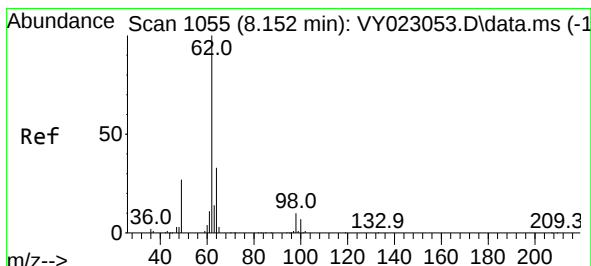
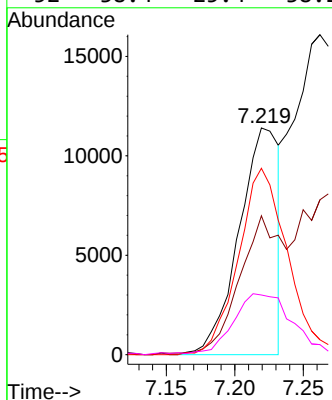
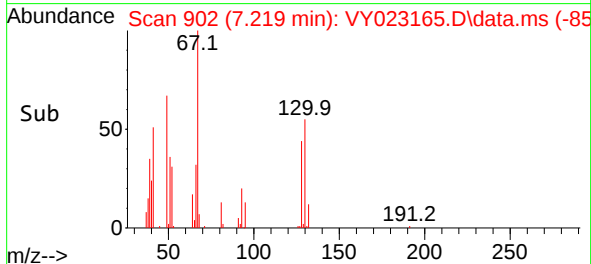


#41
Methacrylonitrile
Concen: 14.609 ug/l
RT: 7.219 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

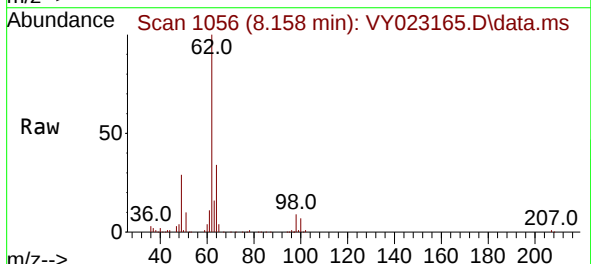
Instrument :
MSVOA_Y
ClientSampleId :



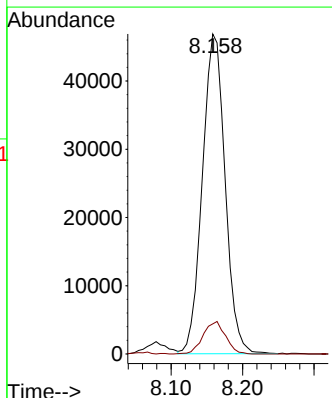
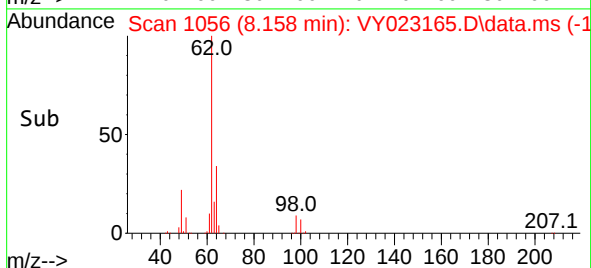
Tgt Ion:	41	Resp:	23151
Ion	Ratio	Lower	Upper
41	100		
39	66.9	43.4	65.2#
67	102.8	63.6	95.4#
52	38.4	25.4	38.2#



#42
1,2-Dichloroethane
Concen: 19.776 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47



Tgt Ion:	62	Resp:	103626
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 17.926 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

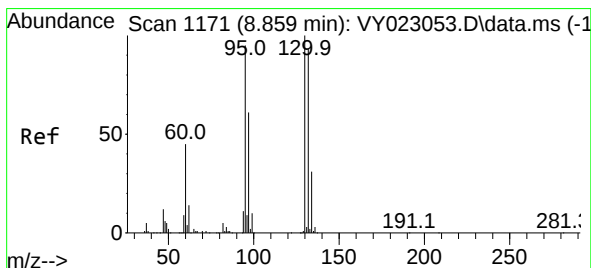
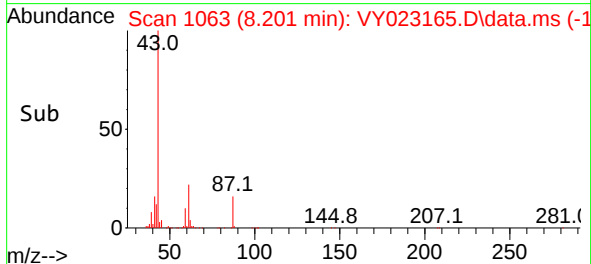
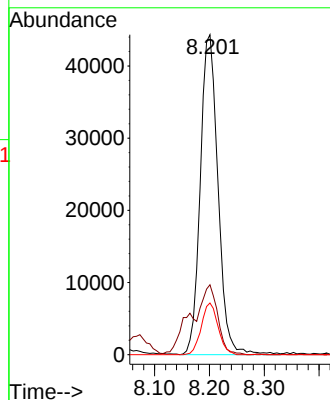
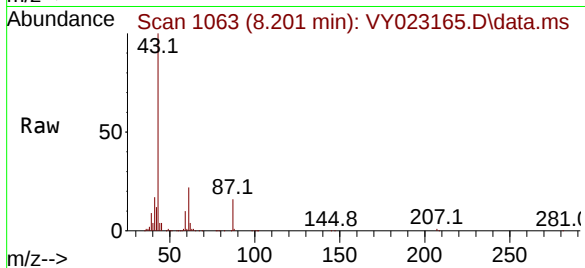
Tgt Ion: 43 Resp: 99492

Ion Ratio Lower Upper

43 100

61 20.3 16.4 24.6

87 15.3 11.8 17.6



#44

Trichloroethene

Concen: 21.331 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VY023165.D

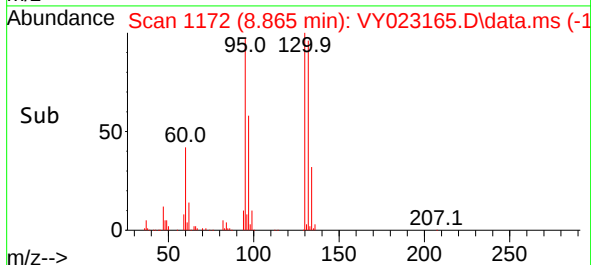
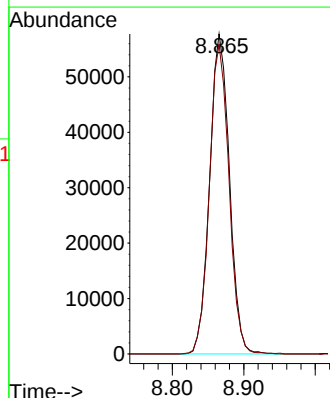
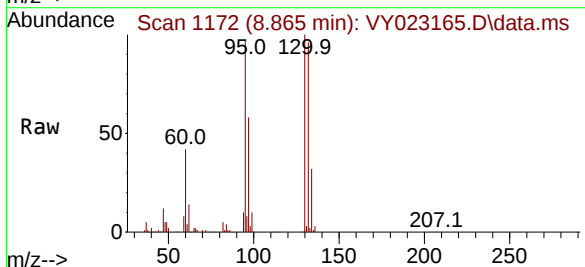
Acq: 20 Aug 2025 10:47

Tgt Ion:130 Resp: 111061

Ion Ratio Lower Upper

130 100

95 96.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.410 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

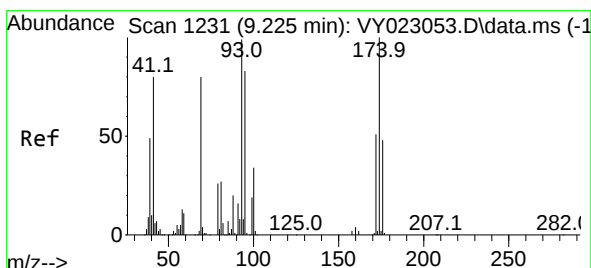
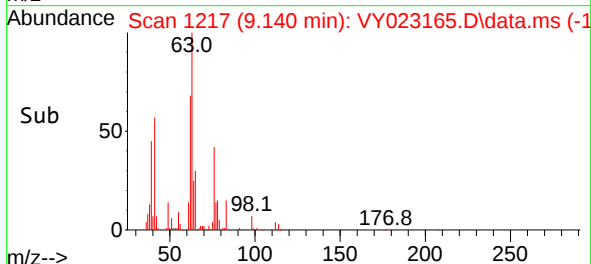
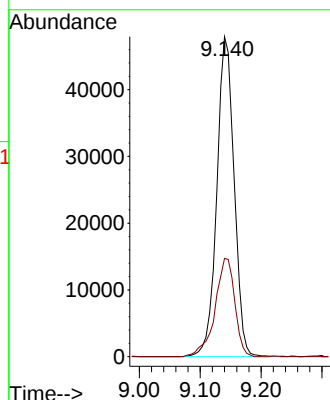
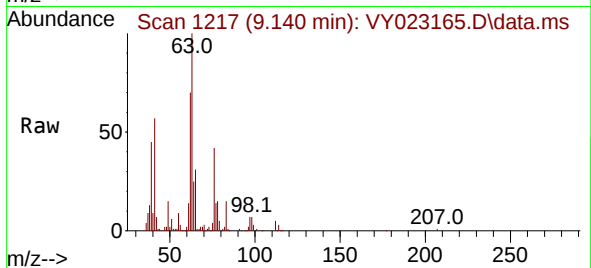
ClientSampleId :

Tgt Ion: 63 Resp: 94617

Ion Ratio Lower Upper

63 100

65 30.7 25.3 37.9



#46

Dibromomethane

Concen: 20.218 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

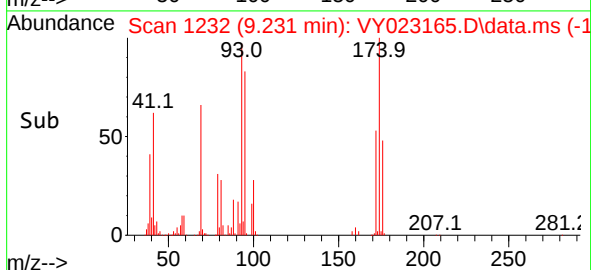
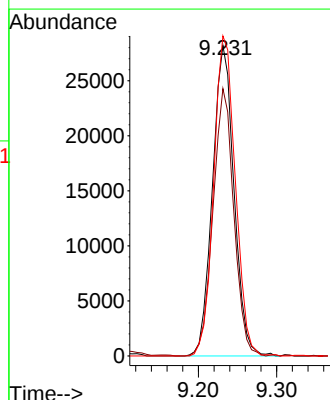
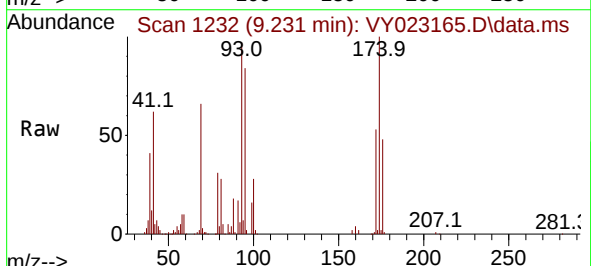
Tgt Ion: 93 Resp: 53795

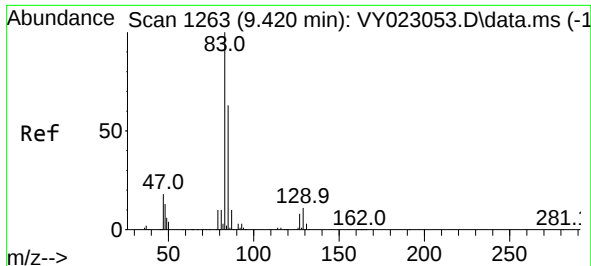
Ion Ratio Lower Upper

93 100

95 83.4 66.5 99.7

174 103.7 81.8 122.8





#47

Bromodichloromethane

Concen: 20.293 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

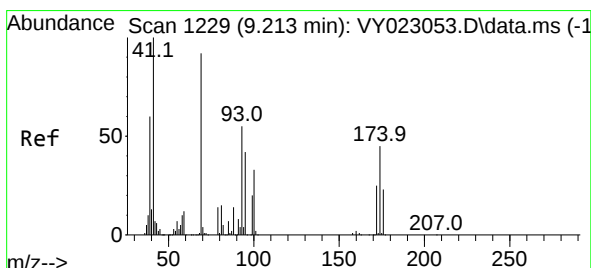
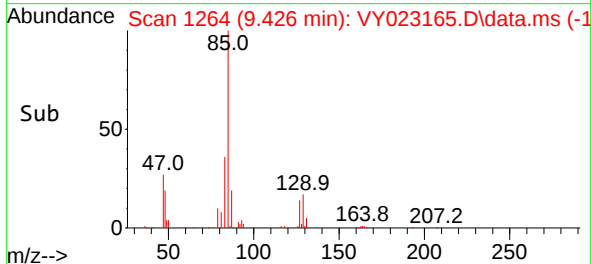
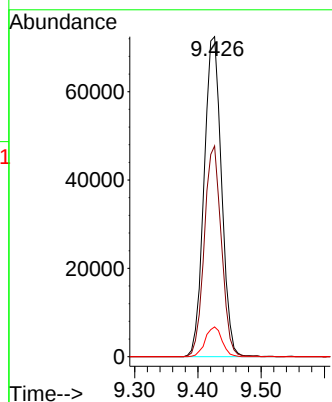
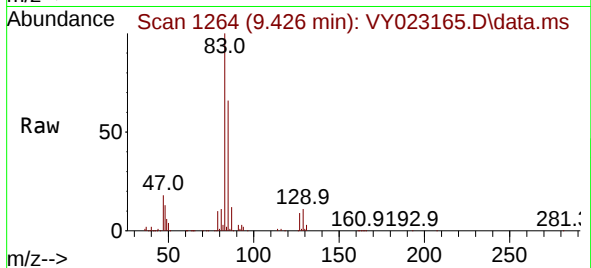
Tgt Ion: 83 Resp: 138936

Ion Ratio Lower Upper

83 100

85 65.9 50.2 75.4

127 9.3 6.6 10.0



#48

Methyl methacrylate

Concen: 16.447 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

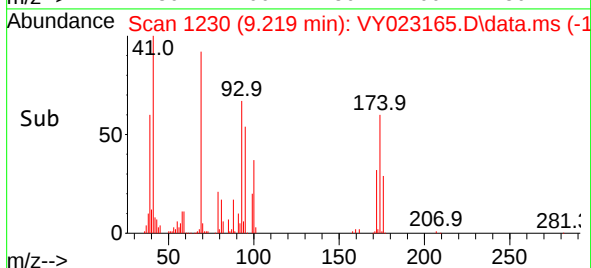
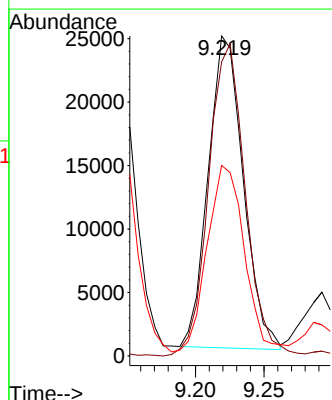
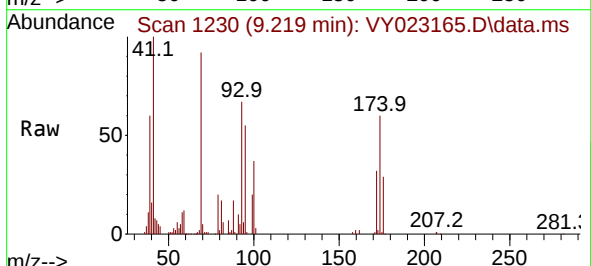
Tgt Ion: 41 Resp: 43680

Ion Ratio Lower Upper

41 100

69 104.6 73.2 109.8

39 63.8 47.0 70.4





#49

1,4-Dioxane

Concen: 359.891 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

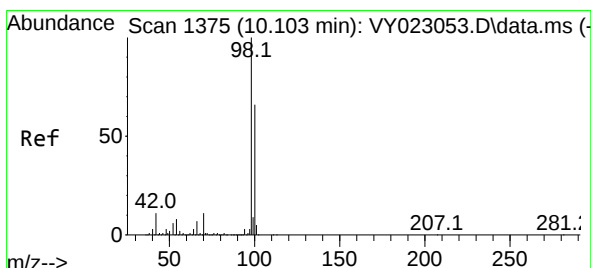
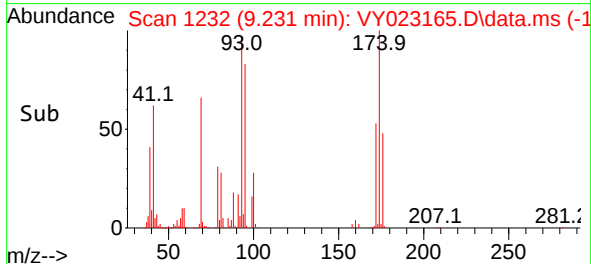
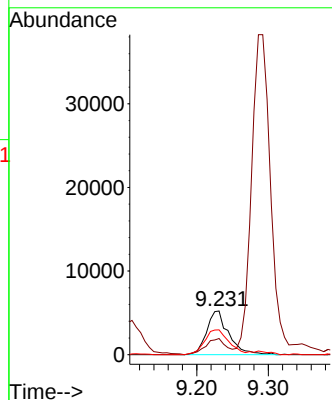
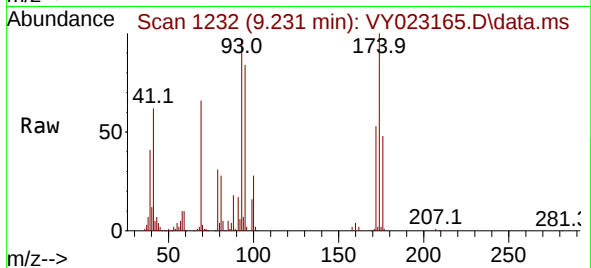
Tgt Ion: 88 Resp: 11228

Ion Ratio Lower Upper

88 100

43 34.1 24.3 36.5

58 62.3 55.4 83.0



#50

Toluene-d8

Concen: 50.584 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023165.D

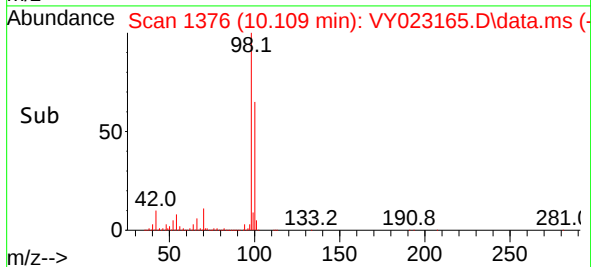
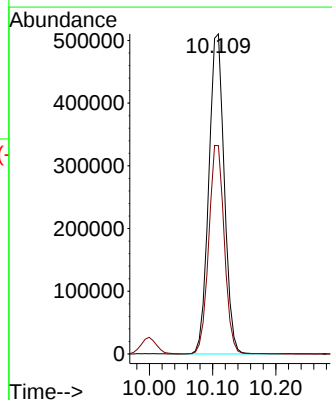
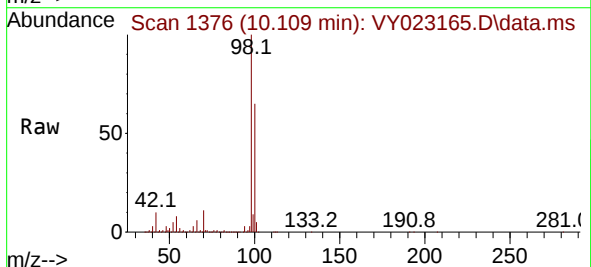
Acq: 20 Aug 2025 10:47

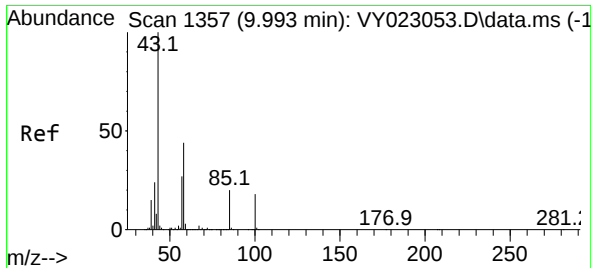
Tgt Ion: 98 Resp: 869197

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 88.238 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

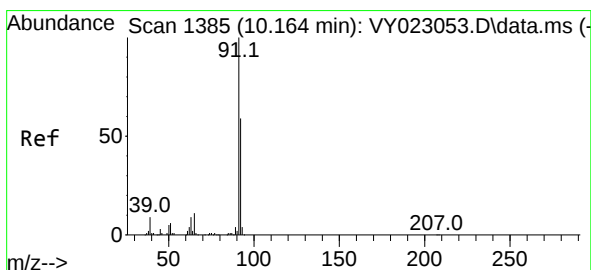
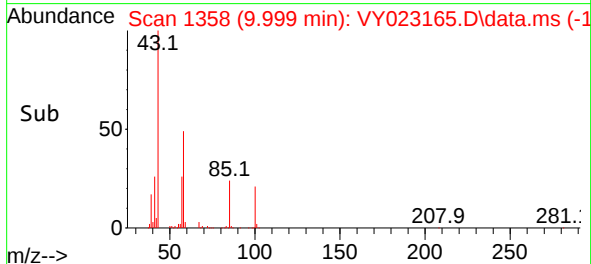
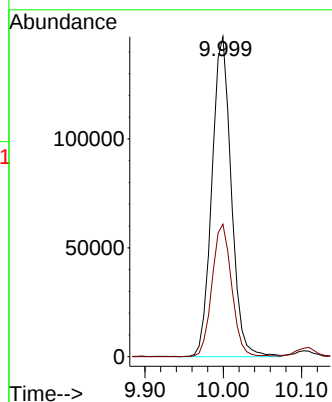
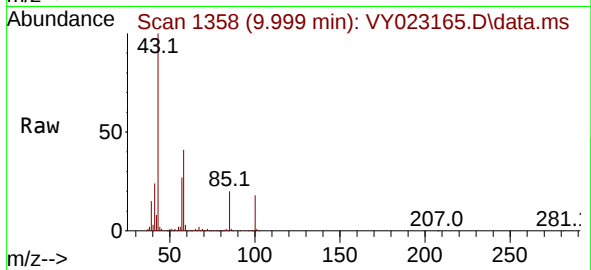
ClientSampleId :

Tgt Ion: 43 Resp: 252611

Ion Ratio Lower Upper

43 100

58 42.0 33.5 50.3



#52

Toluene

Concen: 20.255 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023165.D

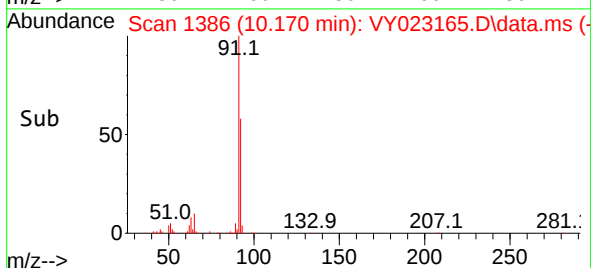
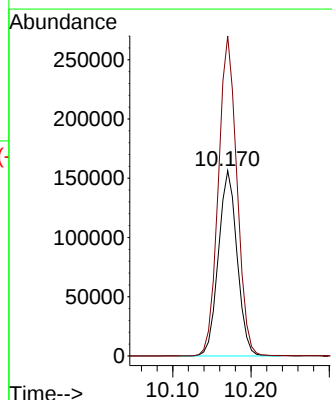
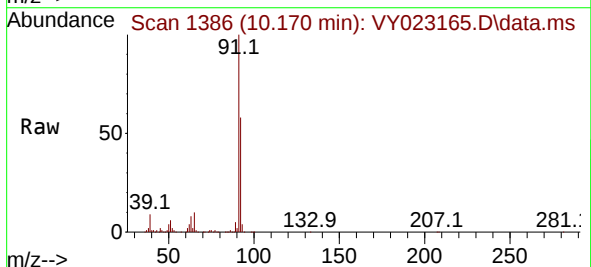
Acq: 20 Aug 2025 10:47

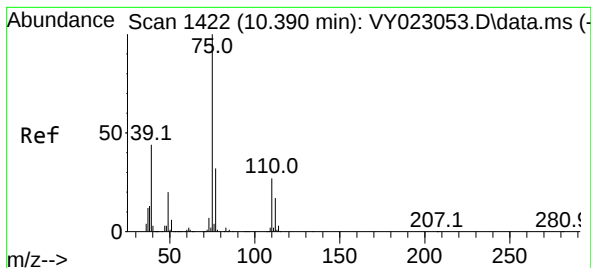
Tgt Ion: 92 Resp: 259191

Ion Ratio Lower Upper

92 100

91 172.2 136.4 204.6

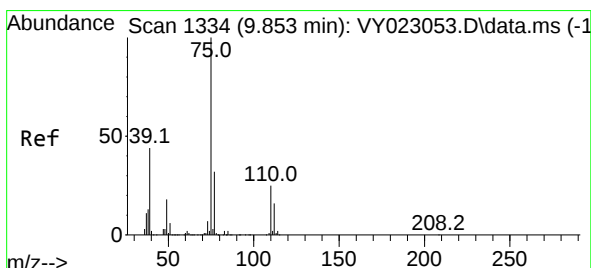
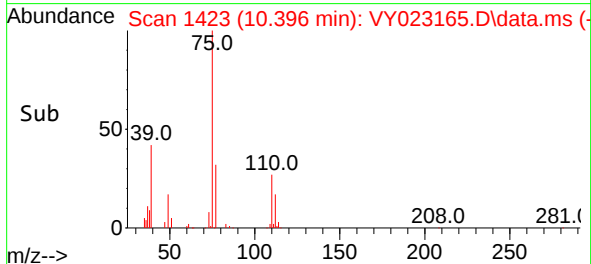
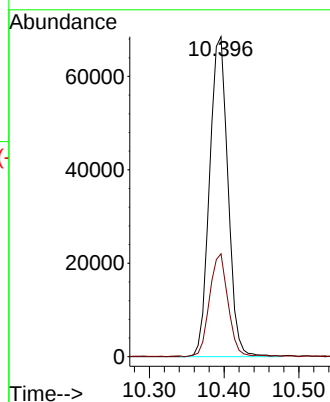
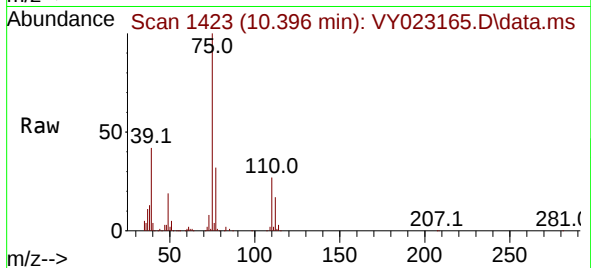




#53
 t-1,3-Dichloropropene
 Concen: 18.875 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY023165.D
 Acq: 20 Aug 2025 10:47

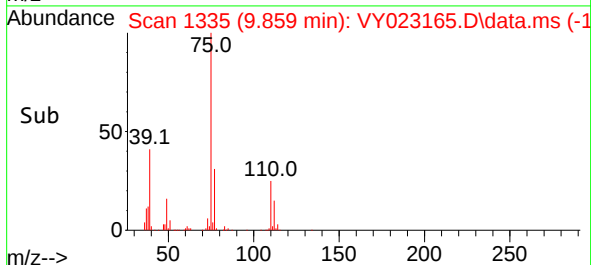
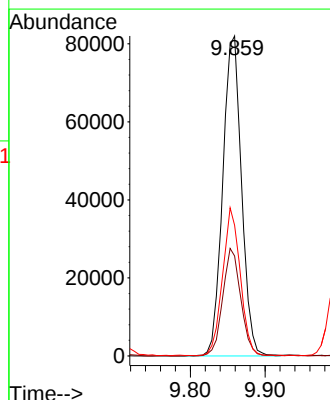
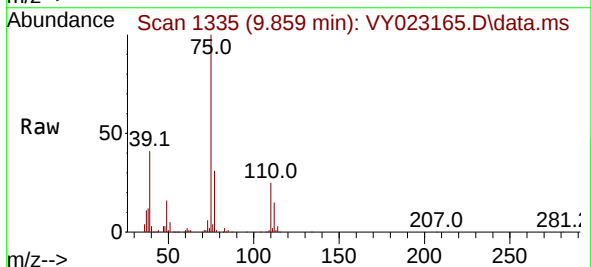
Instrument :
 MSVOA_Y
 ClientSampleId :

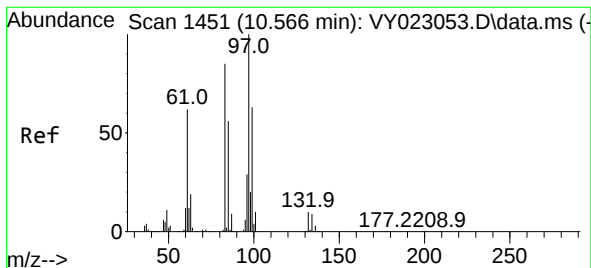
Tgt Ion: 75 Resp: 117022
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.548 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY023165.D
 Acq: 20 Aug 2025 10:47

Tgt Ion: 75 Resp: 143310
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 40.6 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 19.842 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 70644

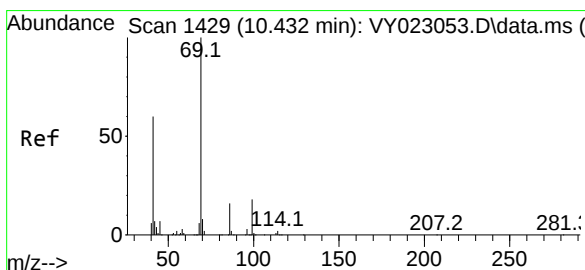
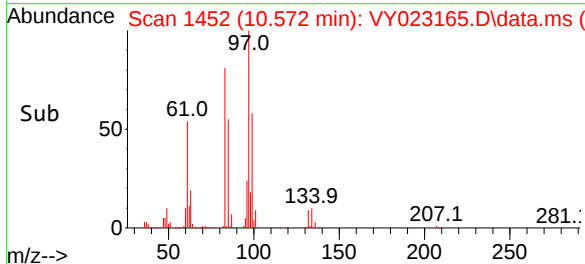
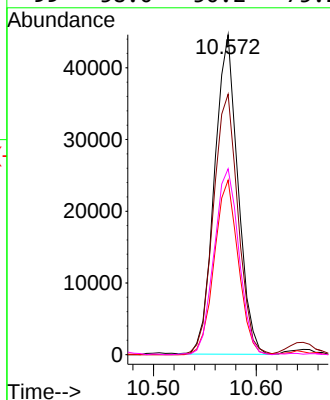
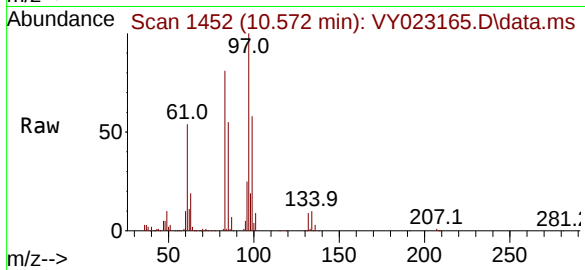
Ion Ratio Lower Upper

97 100

83 81.6 67.7 101.5

85 54.7 44.5 66.7

99 58.0 50.2 75.2



#56

Ethyl methacrylate

Concen: 17.489 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

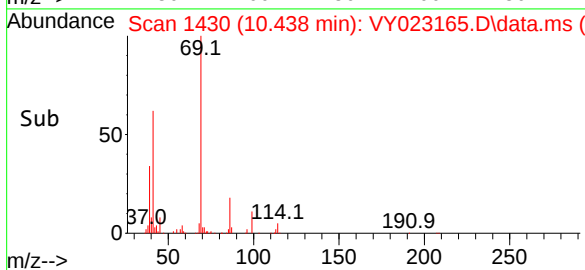
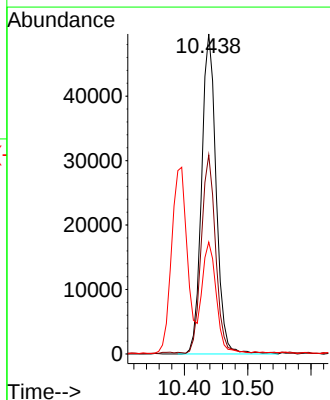
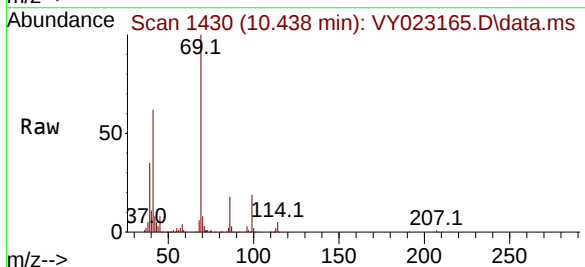
Tgt Ion: 69 Resp: 79678

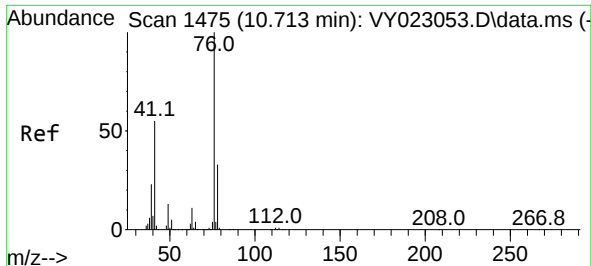
Ion Ratio Lower Upper

69 100

41 61.2 48.6 72.8

39 32.6 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.701 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

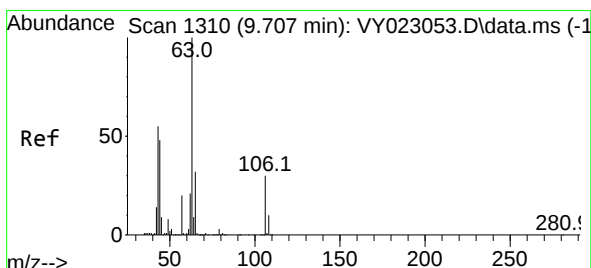
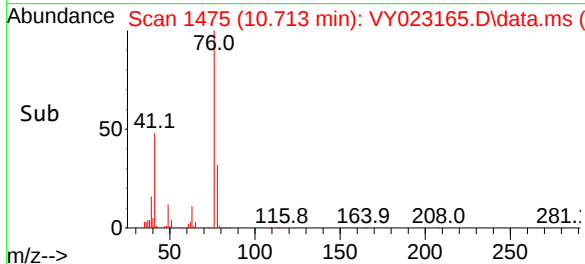
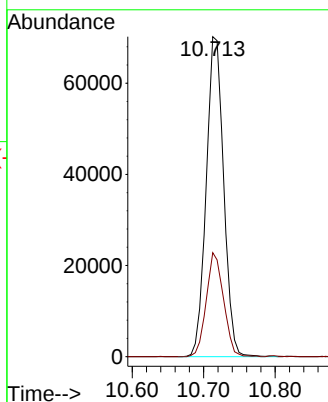
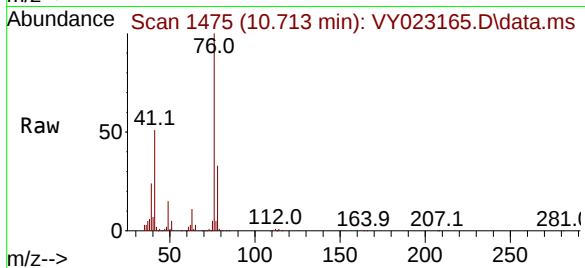
ClientSampleId :

Tgt Ion: 76 Resp: 118960

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.519 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023165.D

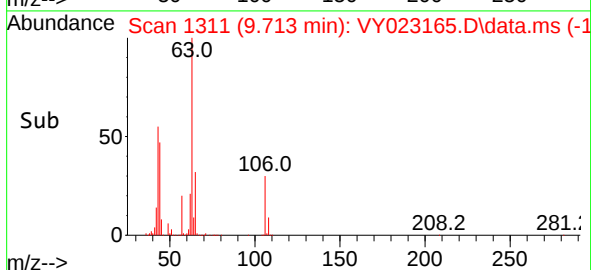
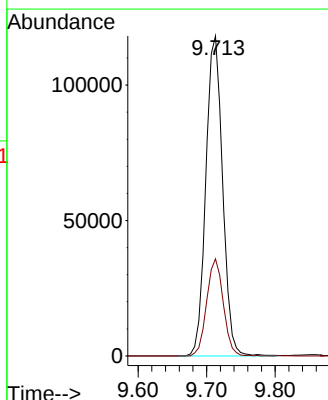
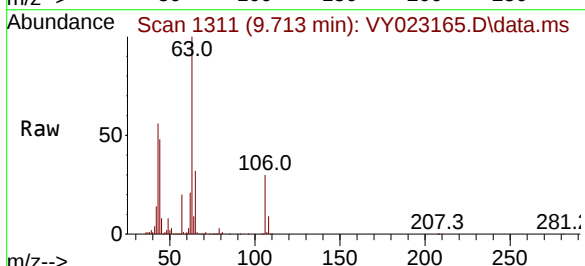
Acq: 20 Aug 2025 10:47

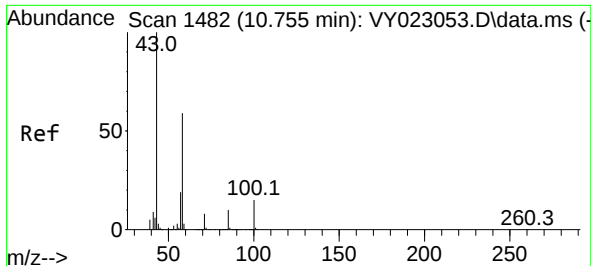
Tgt Ion: 63 Resp: 200973

Ion Ratio Lower Upper

63 100

106 30.1 23.2 34.8

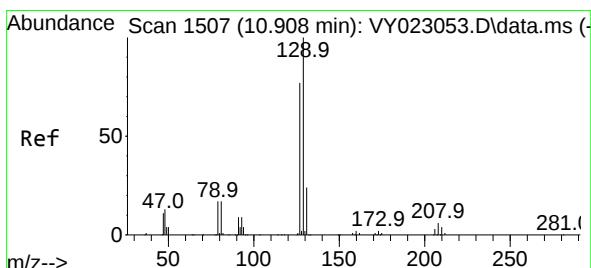
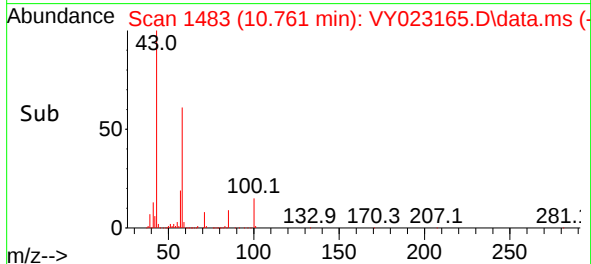
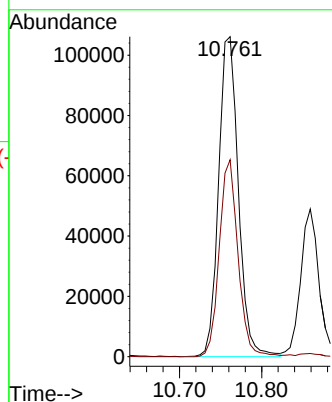
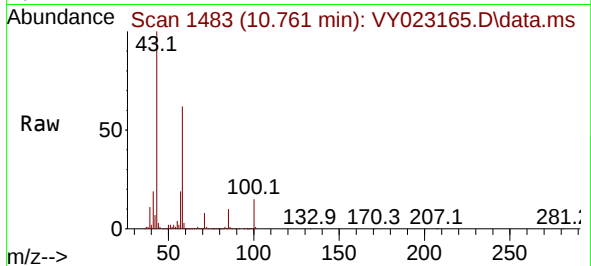




#59
2-Hexanone
Concen: 90.910 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

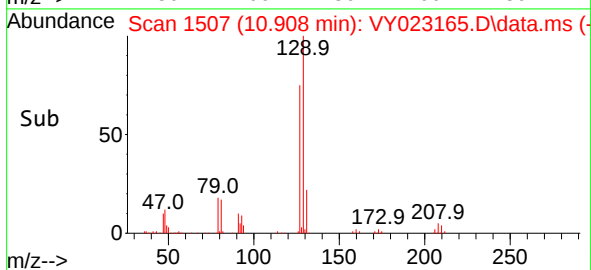
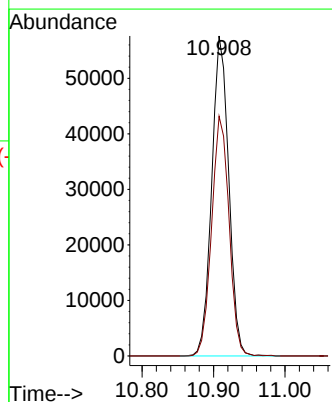
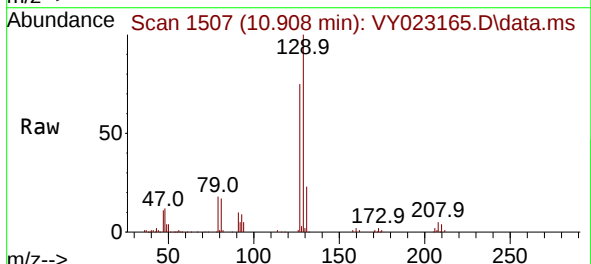
Instrument :
MSVOA_Y
ClientSampleId :

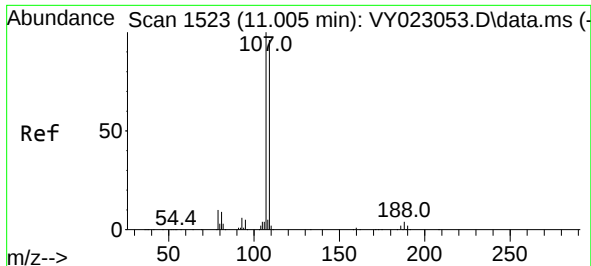
Tgt Ion: 43 Resp: 177221
Ion Ratio Lower Upper
43 100
58 58.5 29.5 88.5



#60
Dibromochloromethane
Concen: 20.233 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 129 Resp: 95053
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

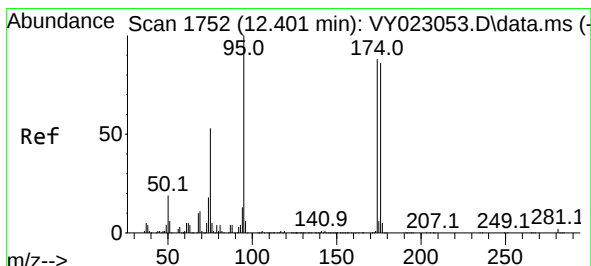
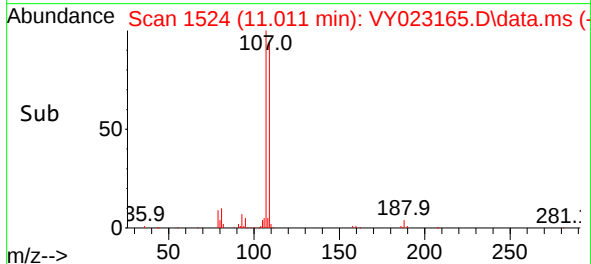
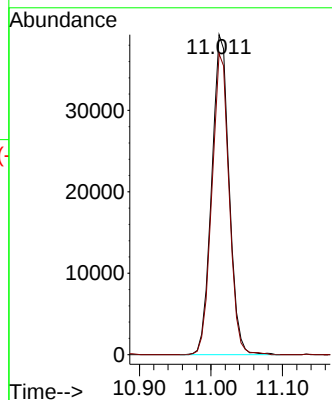
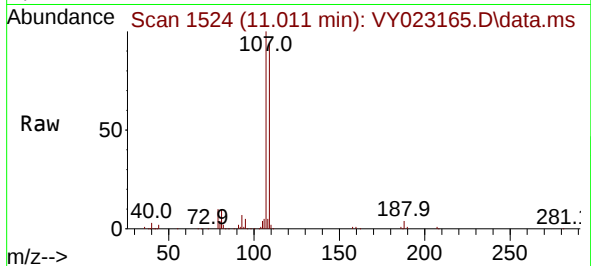




#61
1,2-Dibromoethane
Concen: 19.885 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

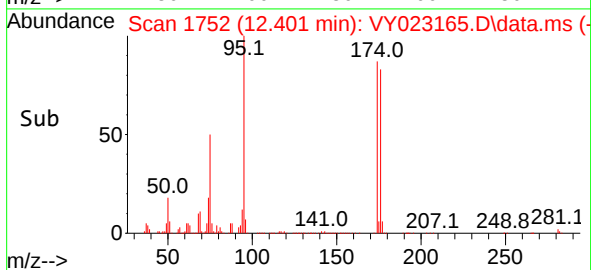
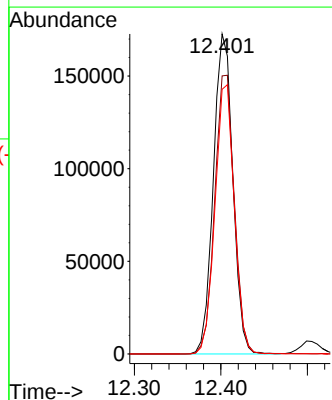
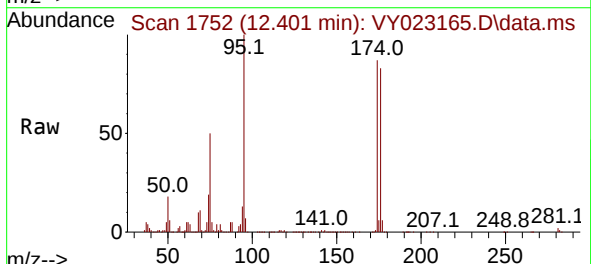
Instrument :
MSVOA_Y
ClientSampleId :

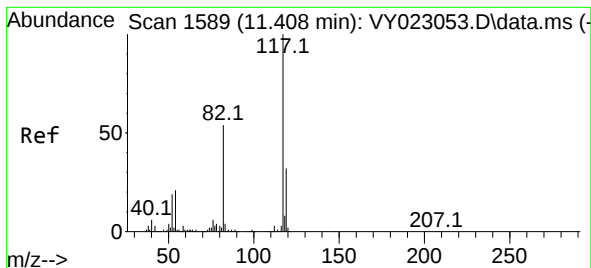
Tgt Ion:107 Resp: 66544
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.763 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 95 Resp: 269469
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 83.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

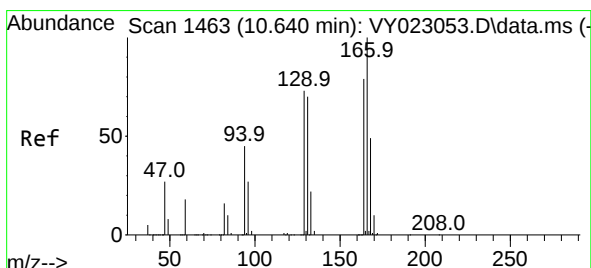
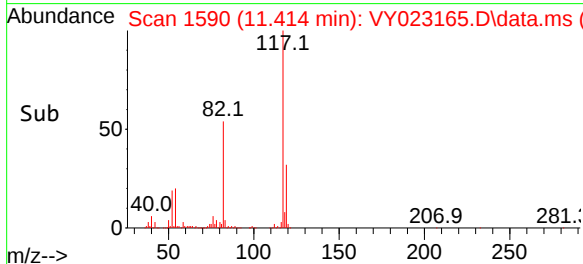
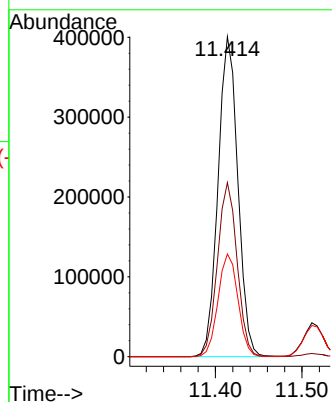
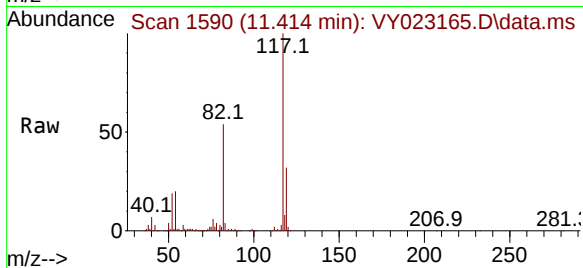
Tgt Ion:117 Resp: 636567

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 22.890 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Tgt Ion:164 Resp: 130109

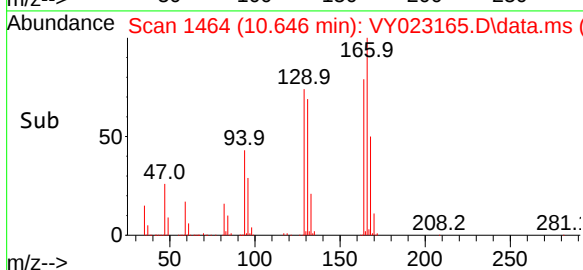
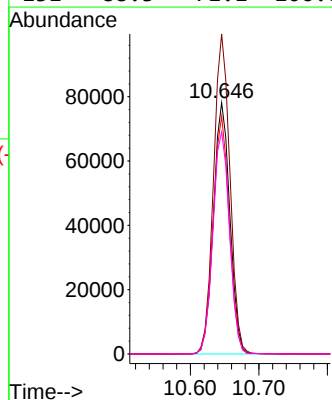
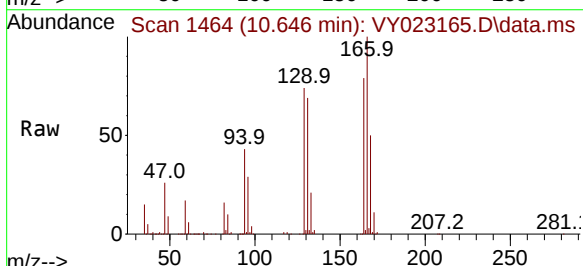
Ion Ratio Lower Upper

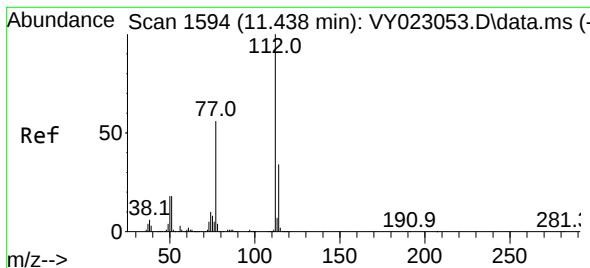
164 100

166 127.4 101.1 151.7

129 94.7 74.0 111.0

131 88.3 71.1 106.7





#65

Chlorobenzene

Concen: 20.702 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

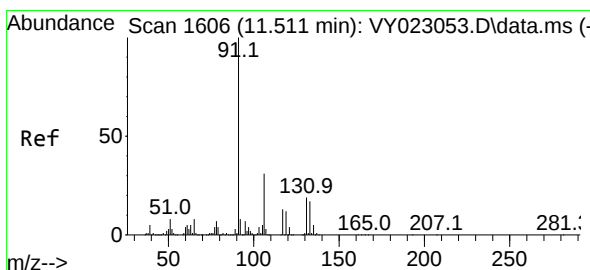
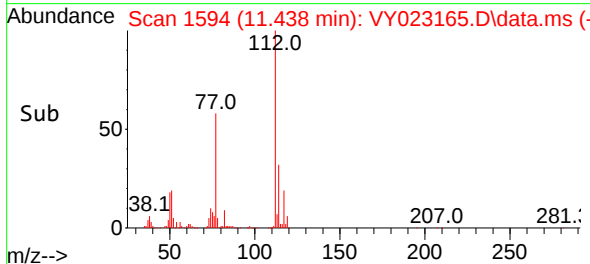
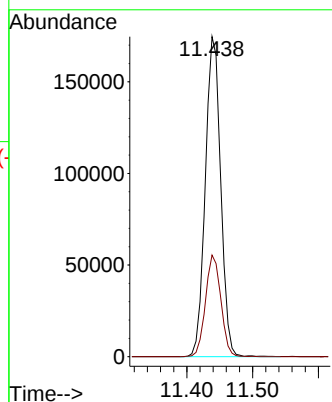
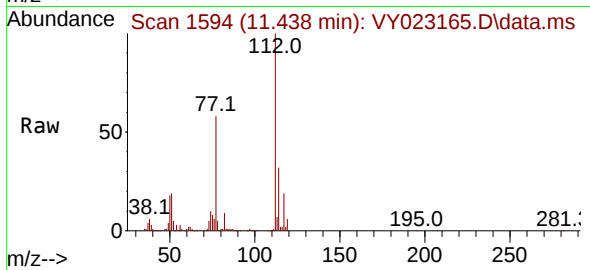
ClientSampleId :

Tgt Ion:112 Resp: 284250

Ion Ratio Lower Upper

112 100

114 31.7 27.0 40.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.972 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

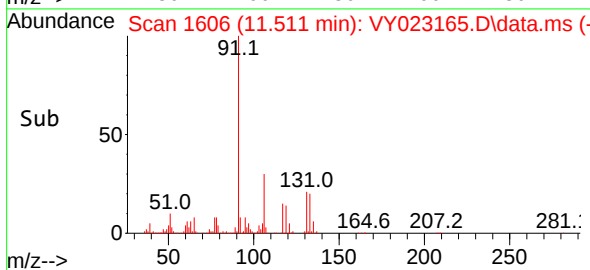
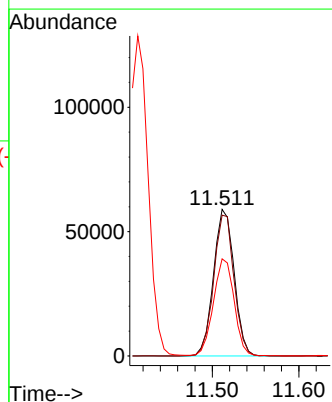
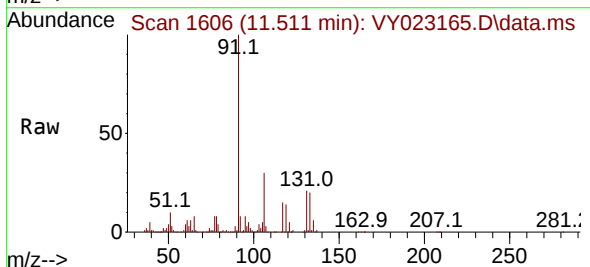
Tgt Ion:131 Resp: 97732

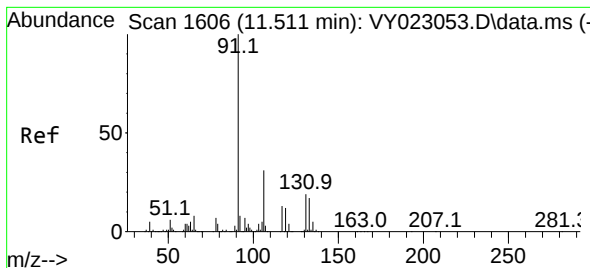
Ion Ratio Lower Upper

131 100

133 95.0 46.9 140.6

119 66.6 33.2 99.6





#67

Ethyl Benzene

Concen: 20.046 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

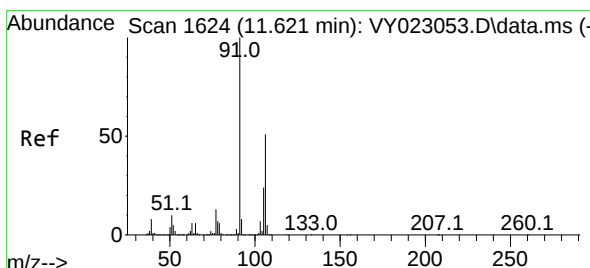
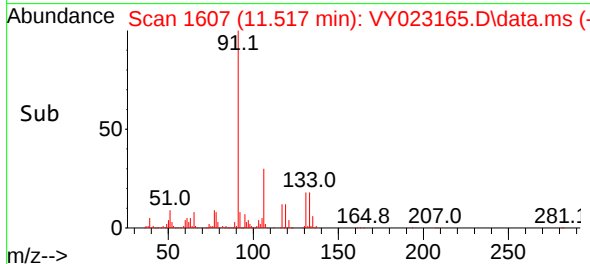
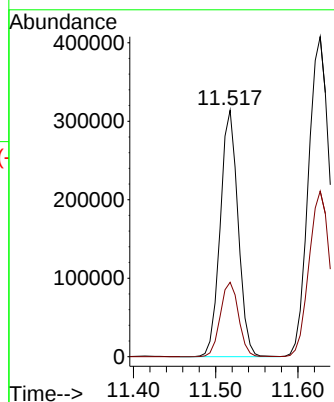
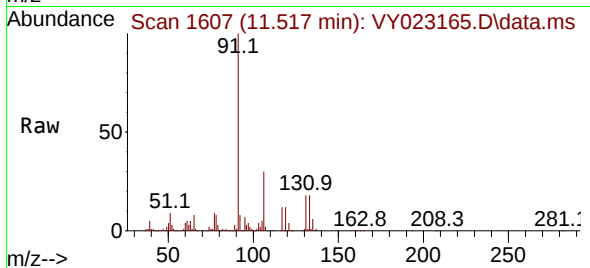
ClientSampleId :

Tgt Ion: 91 Resp: 473680

Ion Ratio Lower Upper

91 100

106 30.2 25.0 37.4



#68

m/p-Xylenes

Concen: 40.554 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023165.D

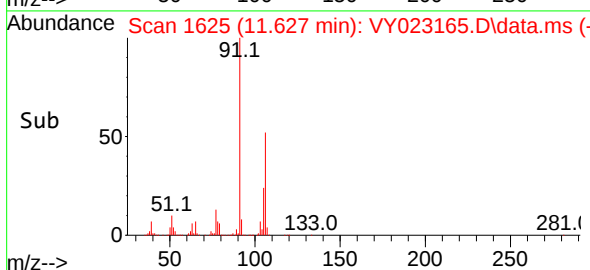
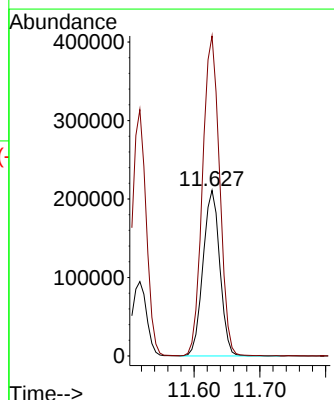
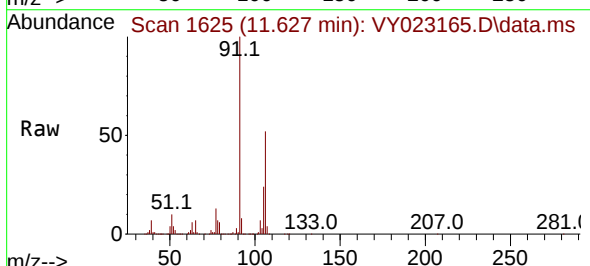
Acq: 20 Aug 2025 10:47

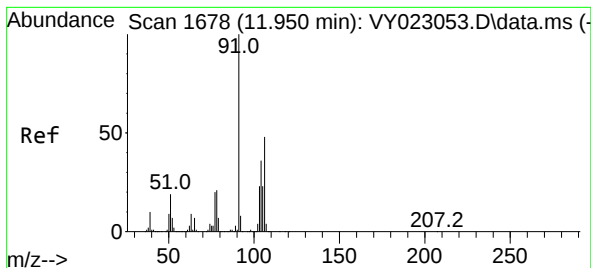
Tgt Ion:106 Resp: 374264

Ion Ratio Lower Upper

106 100

91 196.0 158.6 238.0





#69

o-Xylene

Concen: 19.901 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

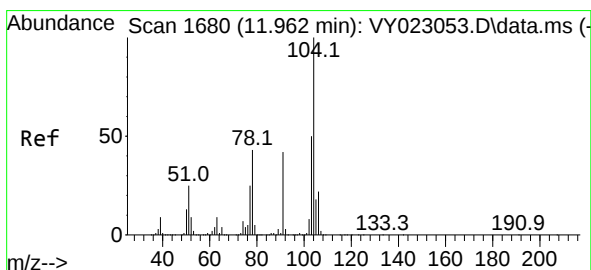
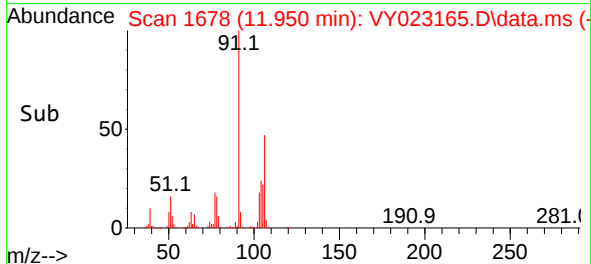
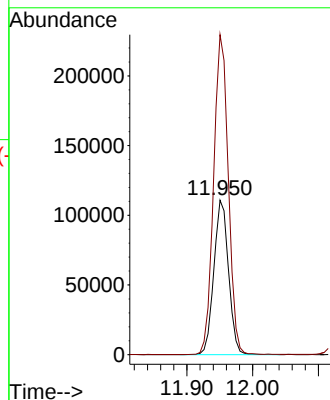
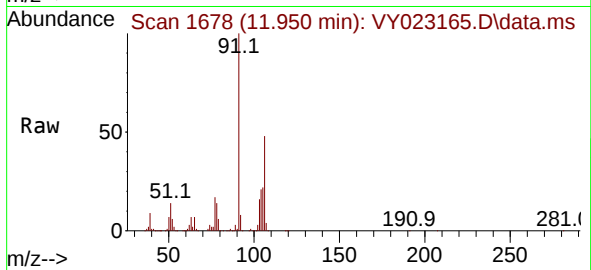
ClientSampleId :

Tgt Ion:106 Resp: 172013

Ion Ratio Lower Upper

106 100

91 207.6 103.2 309.4



#70

Styrene

Concen: 20.146 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

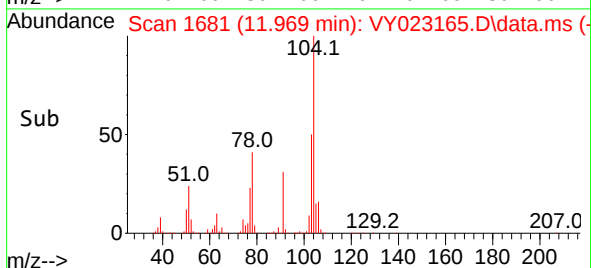
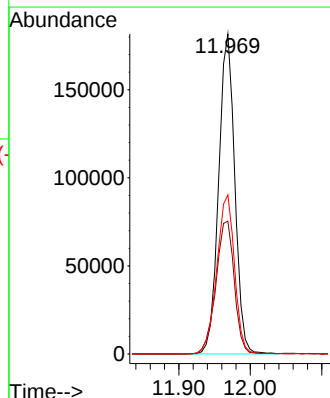
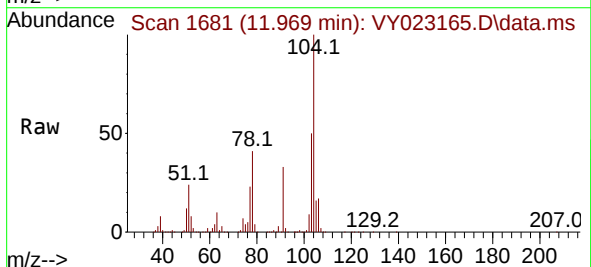
Tgt Ion:104 Resp: 284779

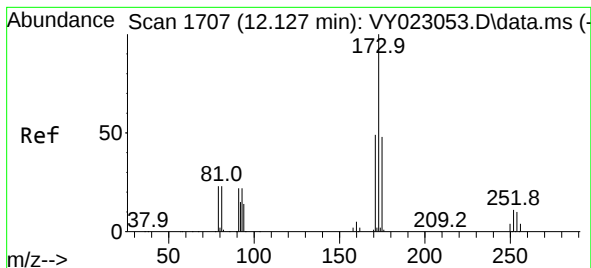
Ion Ratio Lower Upper

104 100

78 47.4 38.5 57.7

103 54.8 43.7 65.5





#71

Bromoform

Concen: 19.484 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

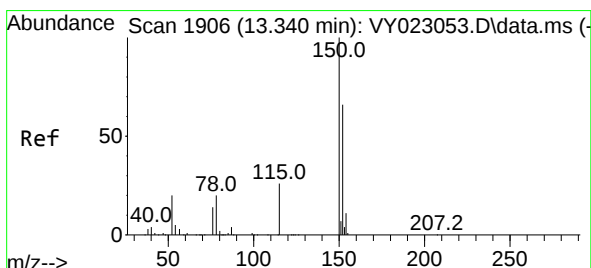
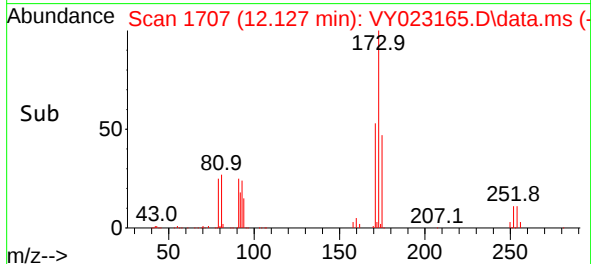
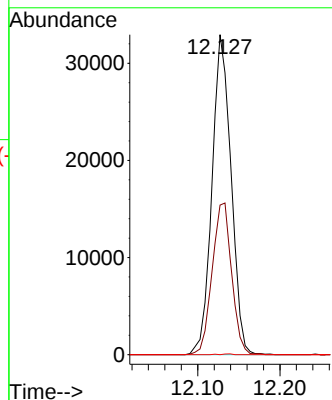
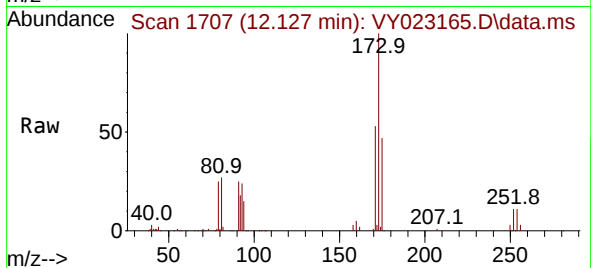
Tgt Ion:173 Resp: 53066

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

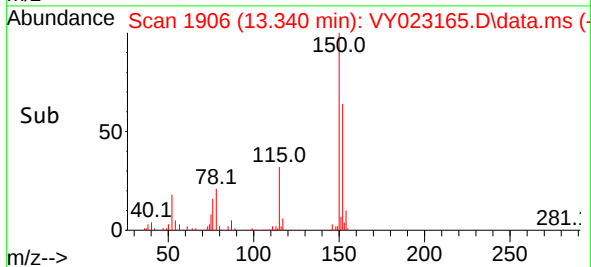
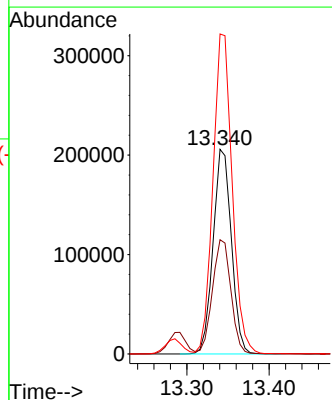
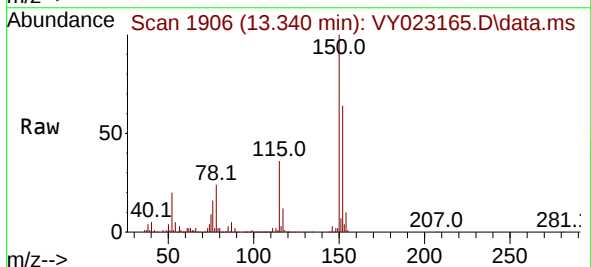
Tgt Ion:152 Resp: 318462

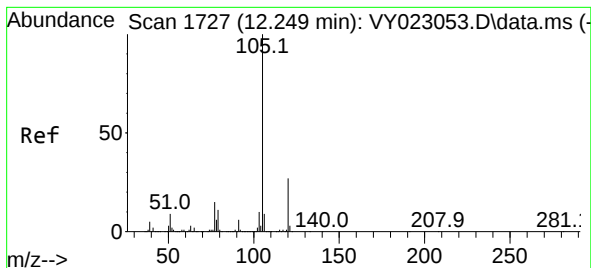
Ion Ratio Lower Upper

152 100

115 56.3 28.2 84.6

150 163.7 0.0 348.0





#73

Isopropylbenzene

Concen: 19.819 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

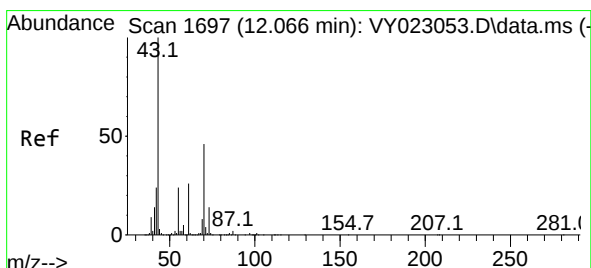
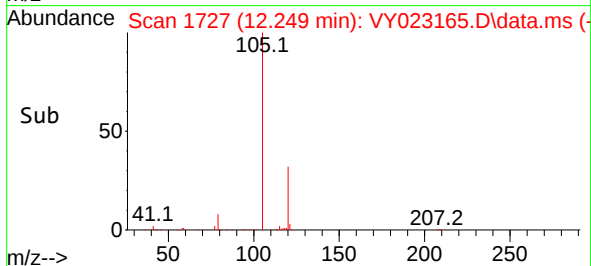
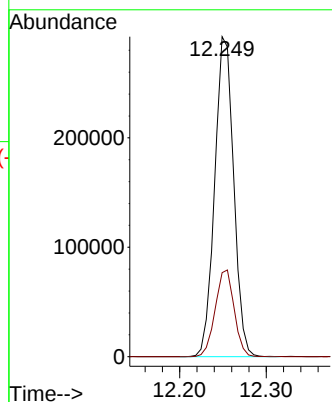
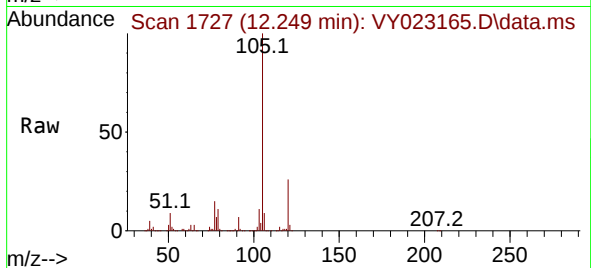
ClientSampleId :

Tgt Ion:105 Resp: 445458

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 17.234 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Tgt Ion: 43 Resp: 82148

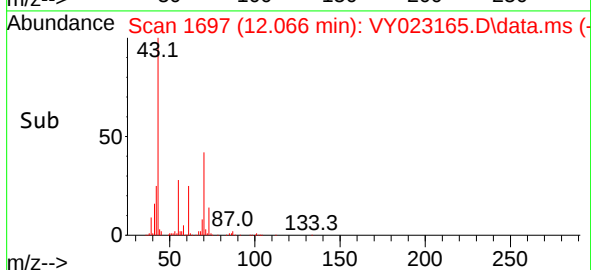
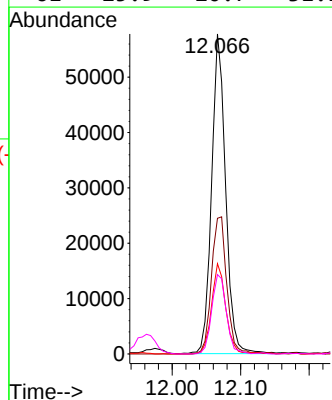
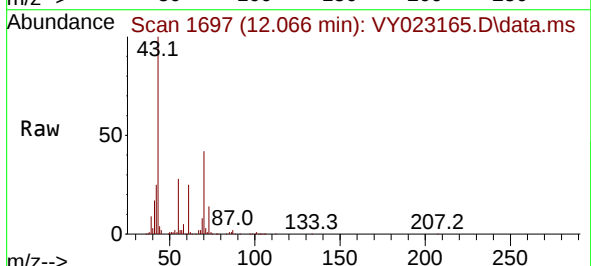
Ion Ratio Lower Upper

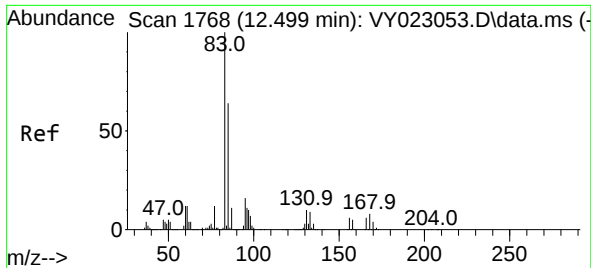
43 100

70 47.1 37.5 56.3

55 29.0 20.7 31.1

61 25.9 20.7 31.1

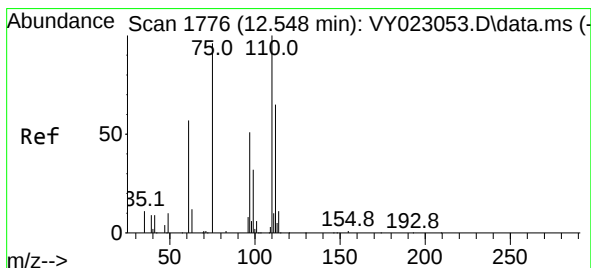
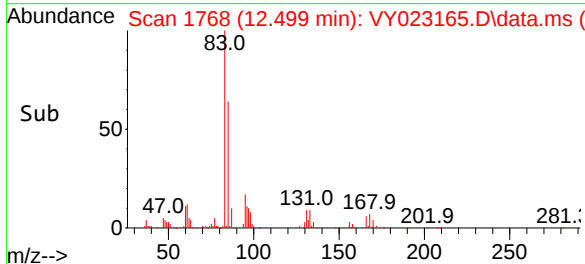
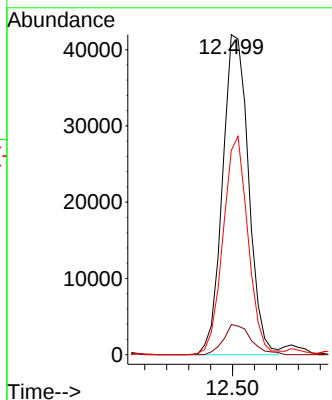
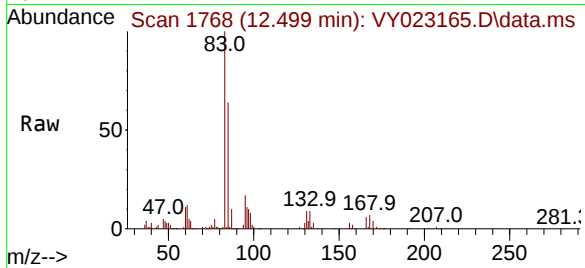




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.012 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: VY023165.D
 Acq: 20 Aug 2025 10:47

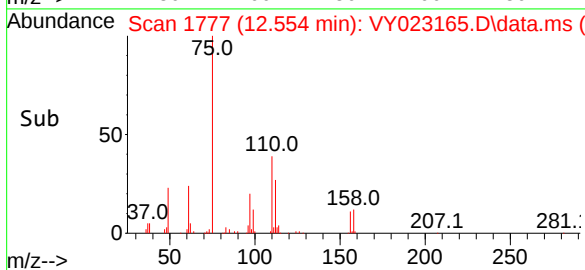
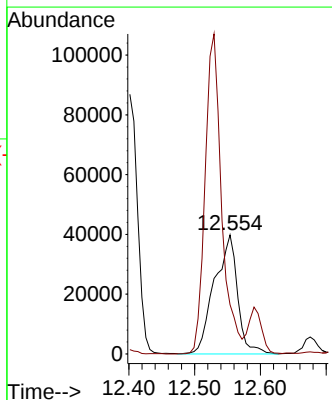
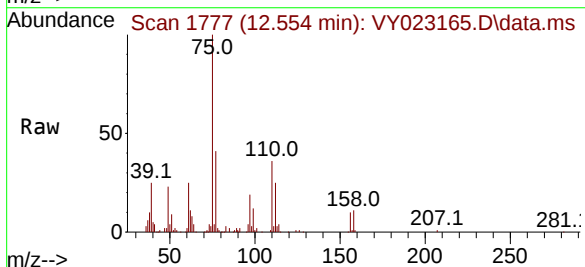
Instrument :
 MSVOA_Y
 ClientSampleId :

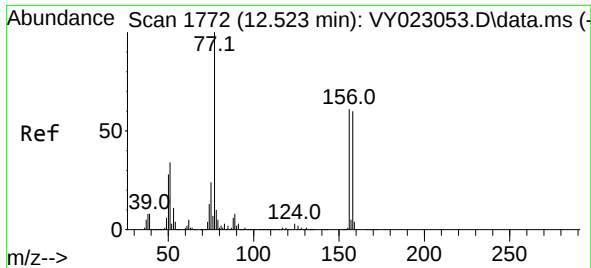
Tgt Ion: 83 Resp: 69126
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 65.6 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 31.754 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.006 min
 Lab File: VY023165.D
 Acq: 20 Aug 2025 10:47

Tgt Ion: 75 Resp: 97596
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

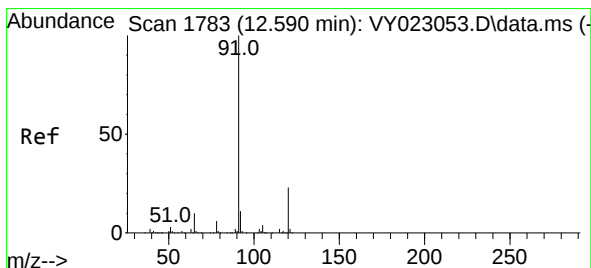
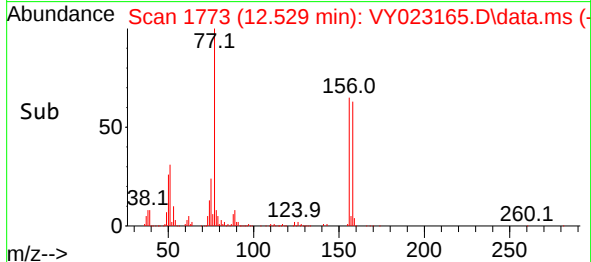
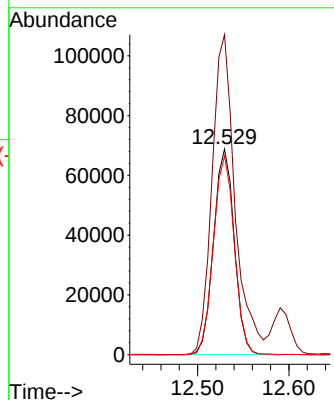
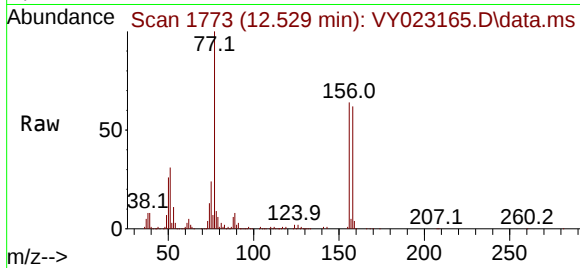




#77
Bromobenzene
Concen: 20.164 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

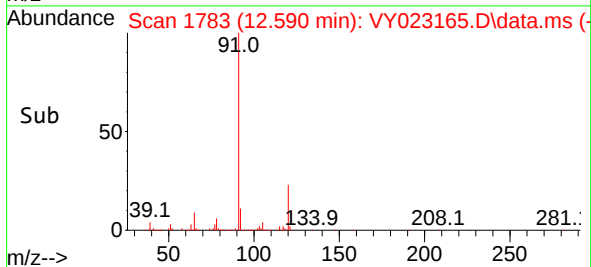
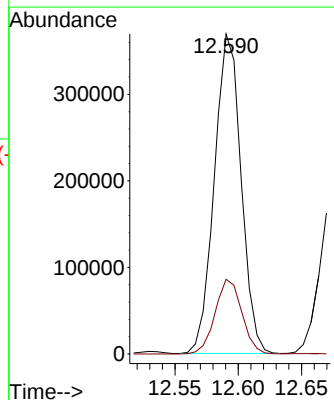
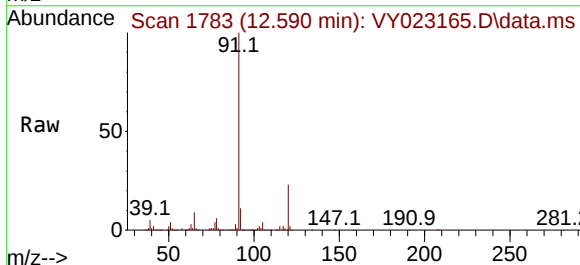
Instrument :
MSVOA_Y
ClientSampleId :

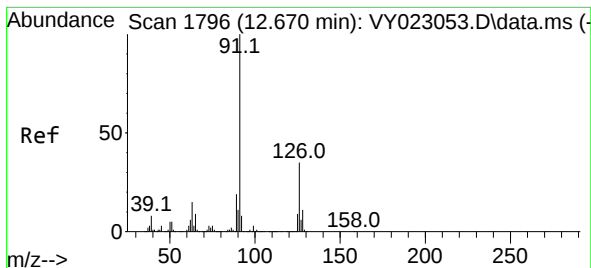
Tgt Ion:156 Resp: 108125
Ion Ratio Lower Upper
156 100
77 173.4 88.1 264.4
158 97.9 48.0 144.0



#78
n-propylbenzene
Concen: 20.244 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 91 Resp: 541739
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.5

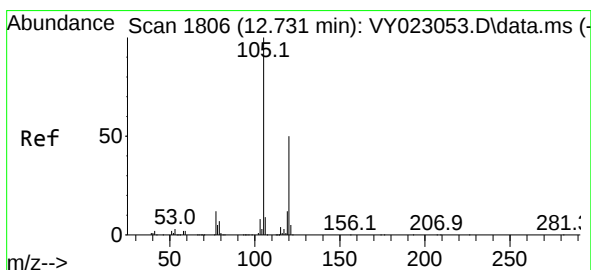
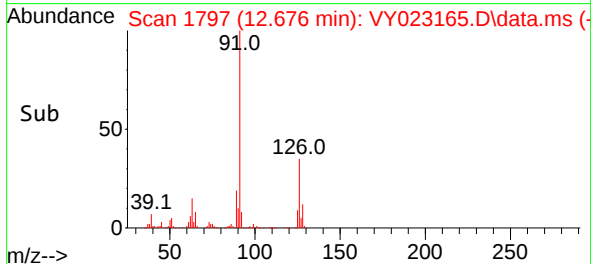
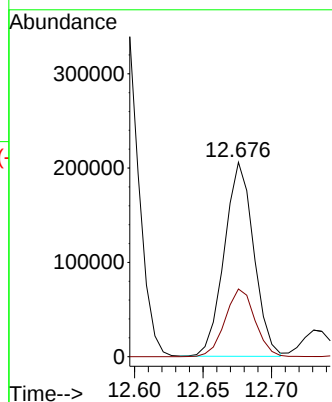
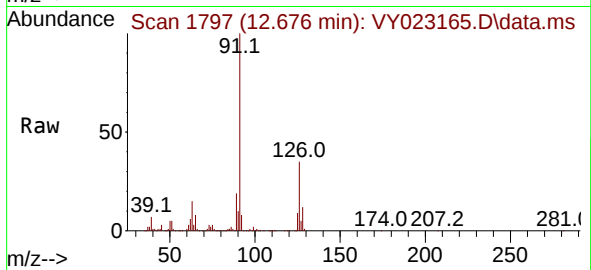




#79
2-Chlorotoluene
Concen: 20.070 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

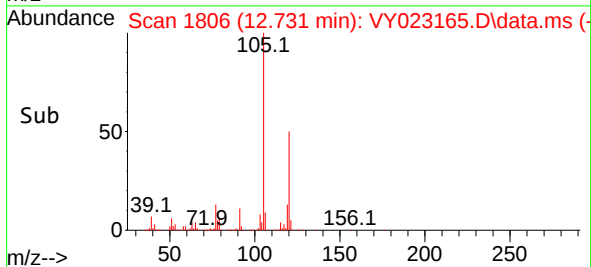
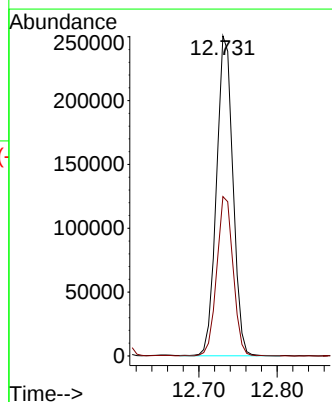
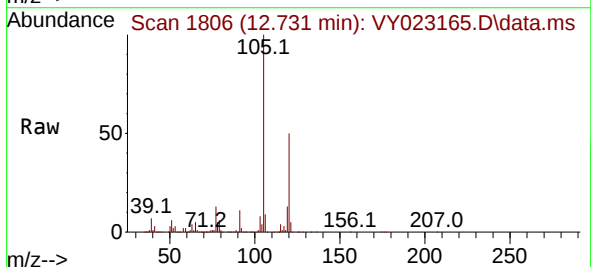
Instrument :
MSVOA_Y
ClientSampleId :

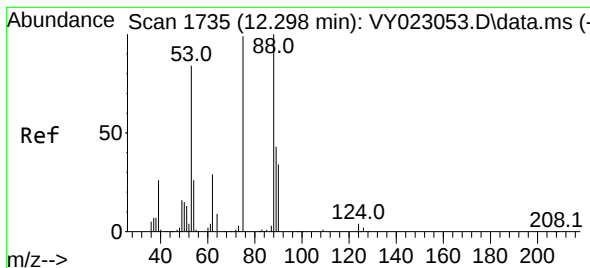
Tgt Ion: 91 Resp: 307721
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.138 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 105 Resp: 365810
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4

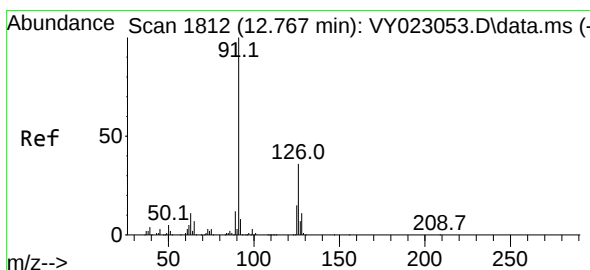
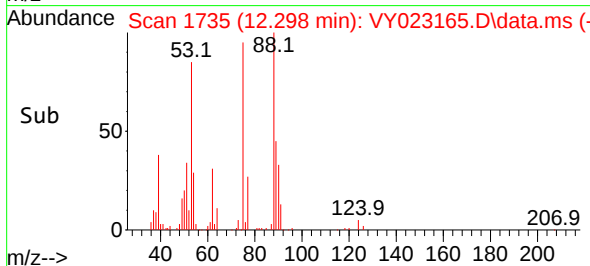
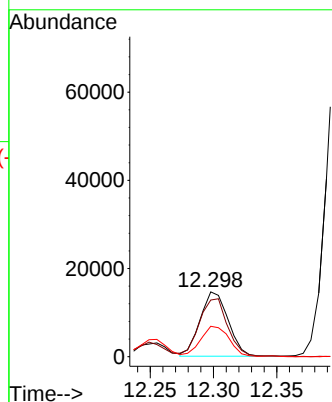
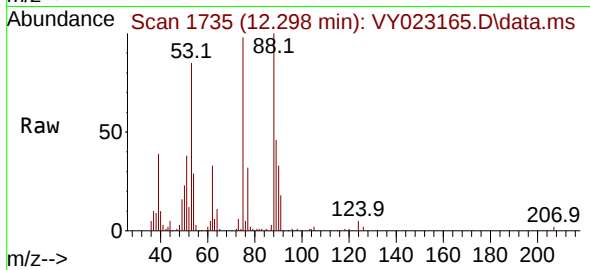




#81
trans-1,4-Dichloro-2-butene
Concen: 17.696 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

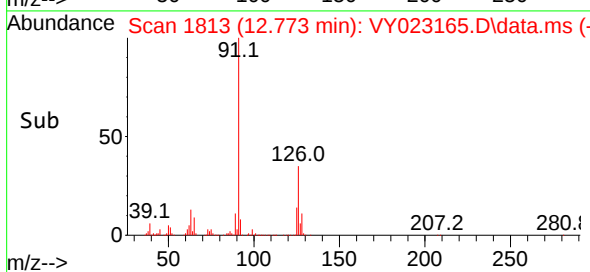
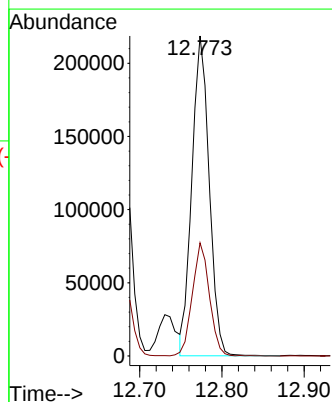
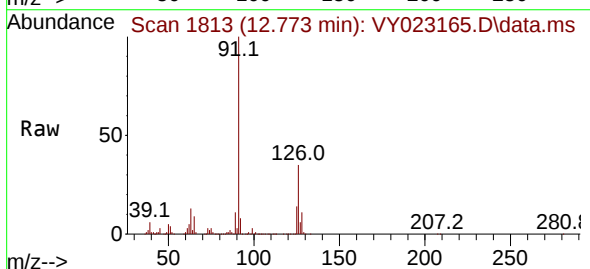
Instrument :
MSVOA_Y
ClientSampleId :

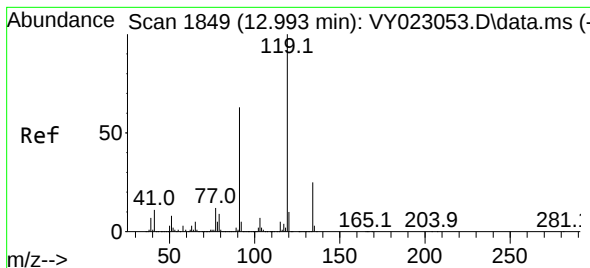
Tgt Ion: 75 Resp: 22468
Ion Ratio Lower Upper
75 100
53 93.4 70.8 106.2
89 46.9 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.070 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023165.D
Acq: 20 Aug 2025 10:47

Tgt Ion: 91 Resp: 319229
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.026 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

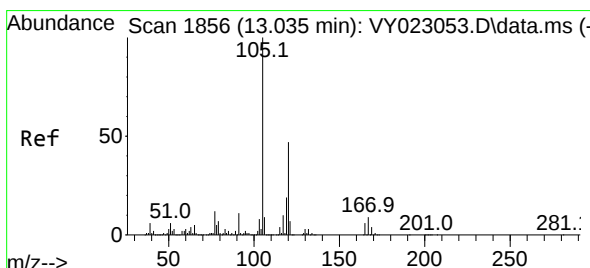
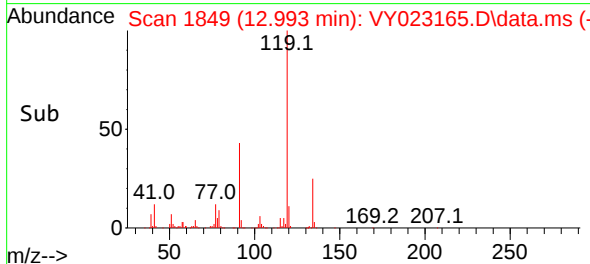
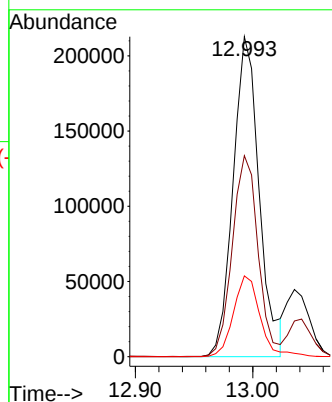
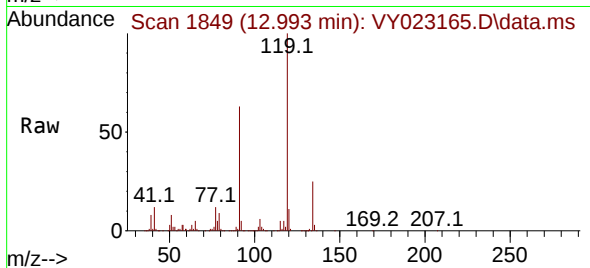
Tgt Ion:119 Resp: 328564

Ion Ratio Lower Upper

119 100

91 62.0 31.6 94.8

134 25.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.271 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023165.D

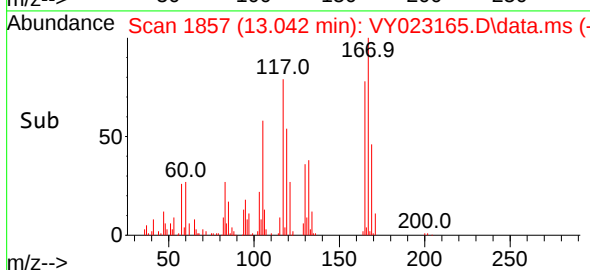
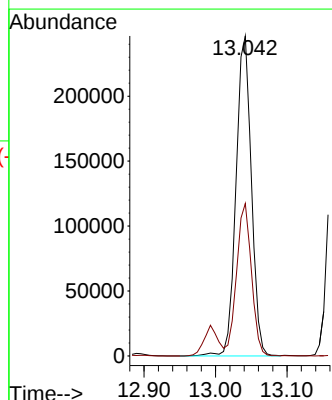
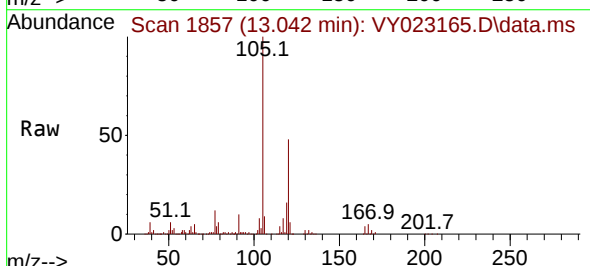
Acq: 20 Aug 2025 10:47

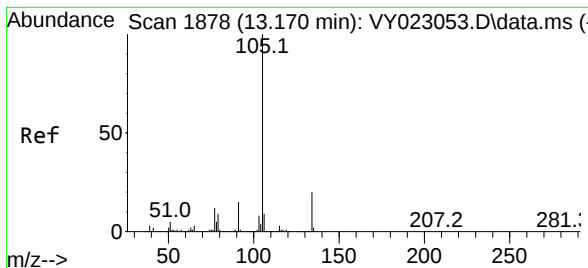
Tgt Ion:105 Resp: 366569

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.125 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

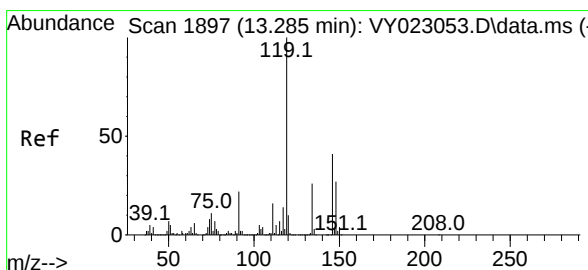
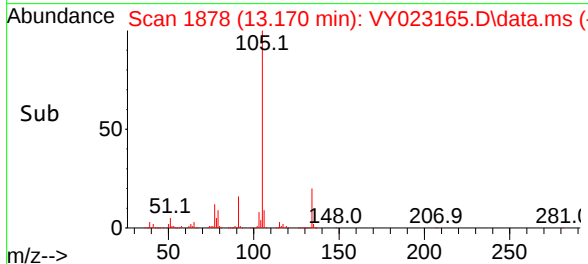
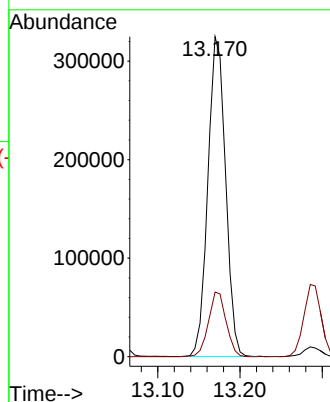
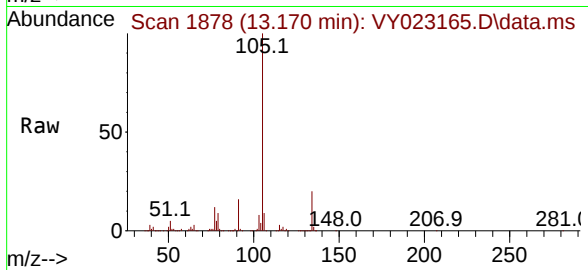
ClientSampleId :

Tgt Ion:105 Resp: 485018

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 20.344 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

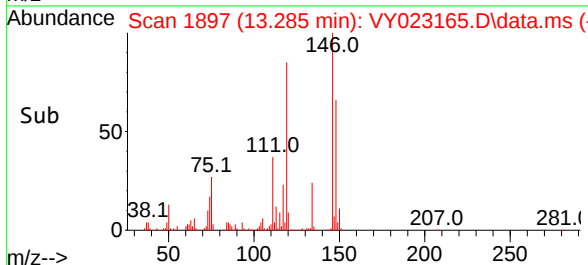
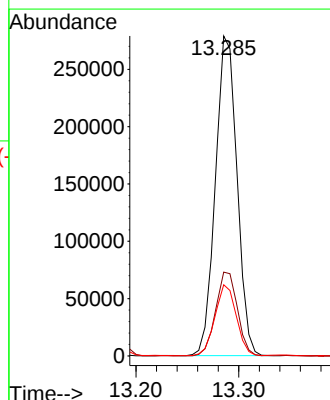
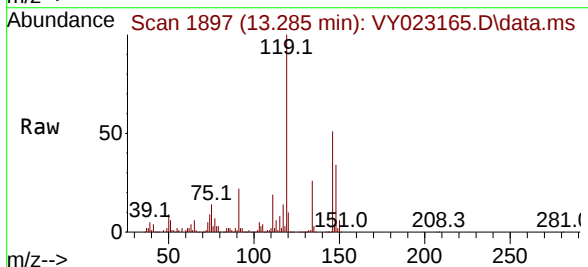
Tgt Ion:119 Resp: 406983

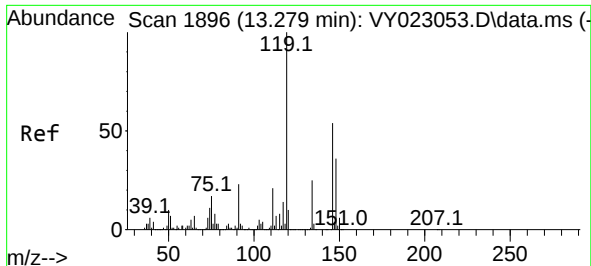
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 21.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.515 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

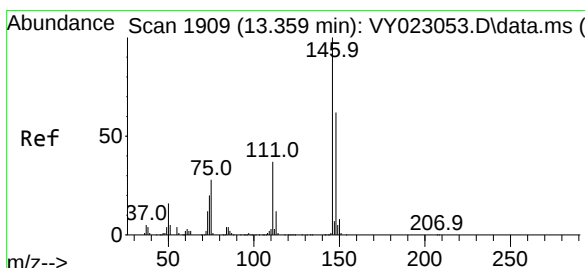
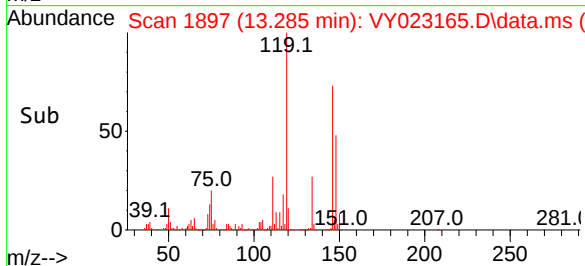
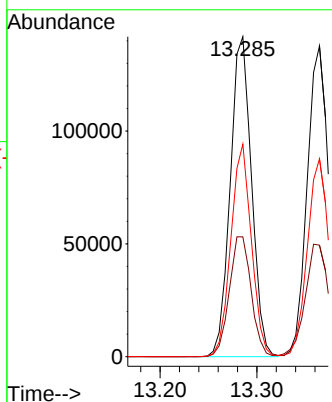
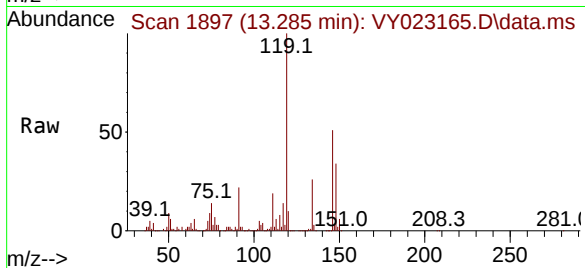
Tgt Ion:146 Resp: 216933

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.7

148 64.2 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 20.365 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

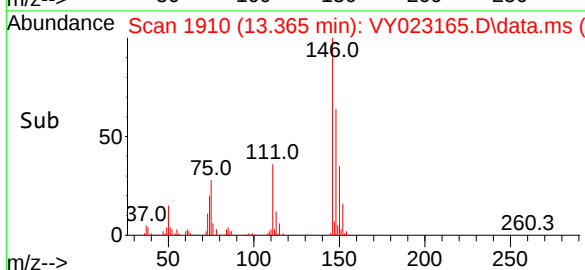
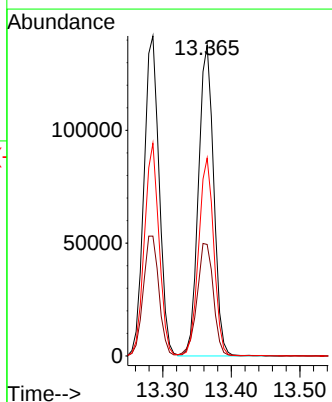
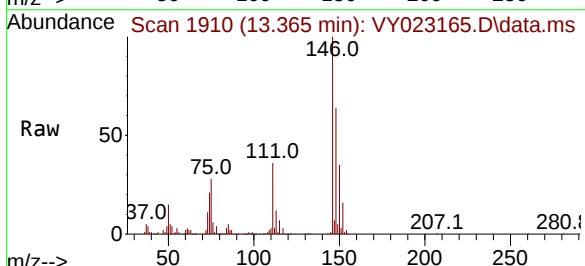
Tgt Ion:146 Resp: 213625

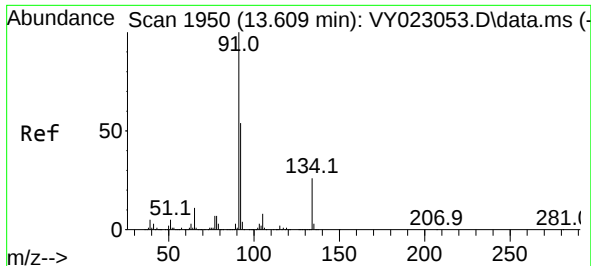
Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.1

148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 19.829 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

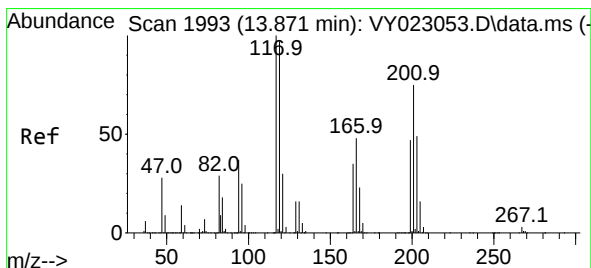
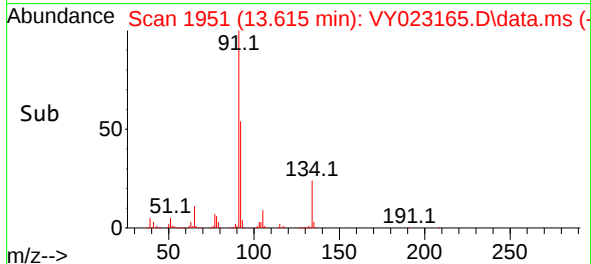
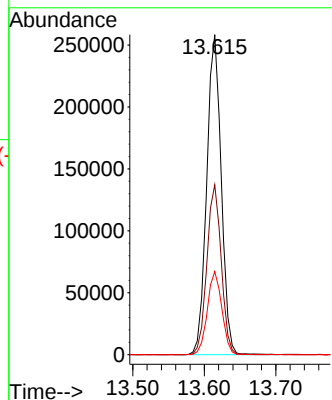
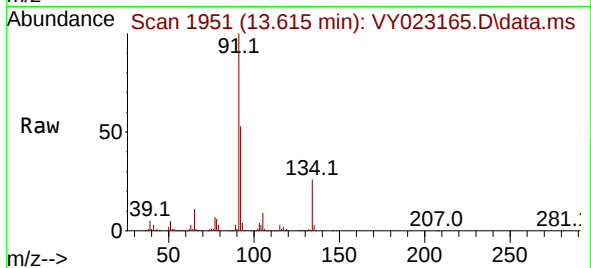
Tgt Ion: 91 Resp: 364336

Ion Ratio Lower Upper

91 100

92 52.5 26.9 80.7

134 26.0 13.2 39.5



#90

Hexachloroethane

Concen: 20.959 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023165.D

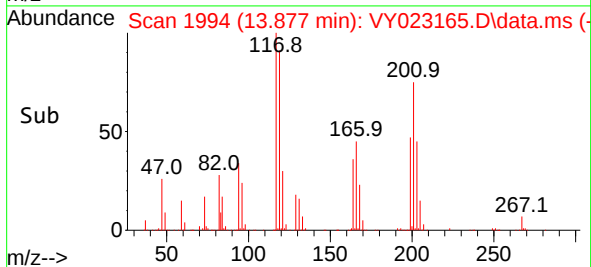
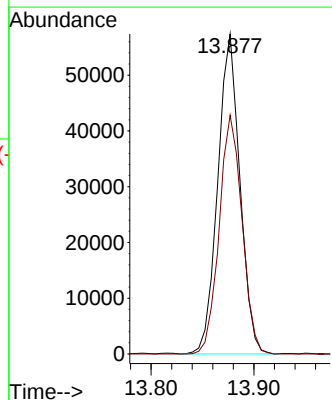
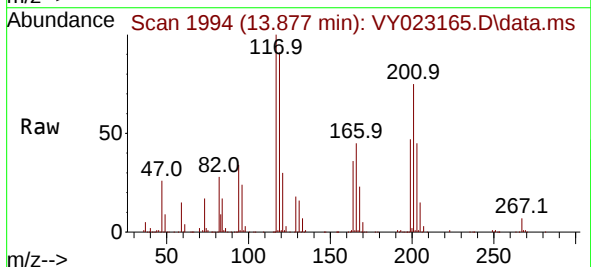
Acq: 20 Aug 2025 10:47

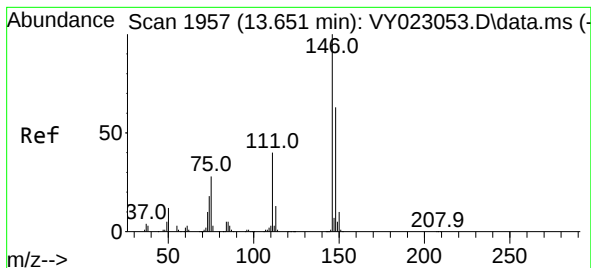
Tgt Ion: 117 Resp: 85833

Ion Ratio Lower Upper

117 100

201 76.7 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 20.253 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

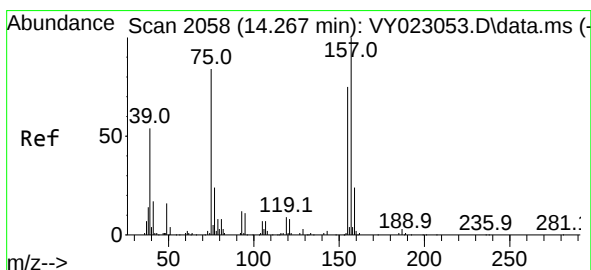
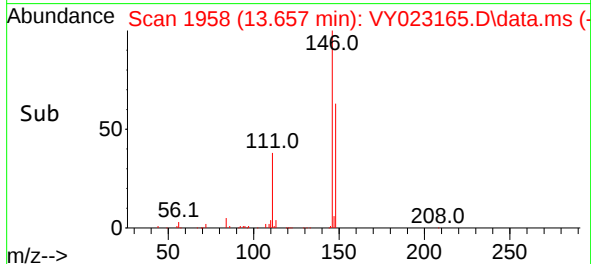
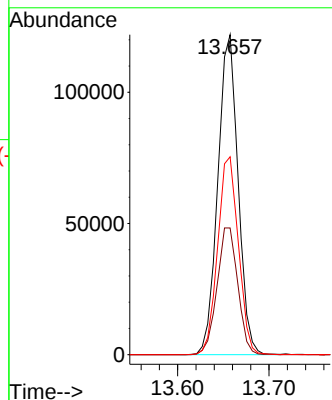
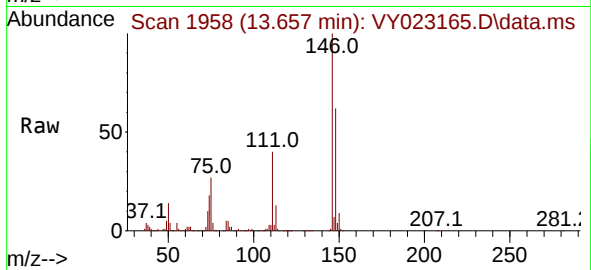
Tgt Ion:146 Resp: 187828

Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.4 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.290 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

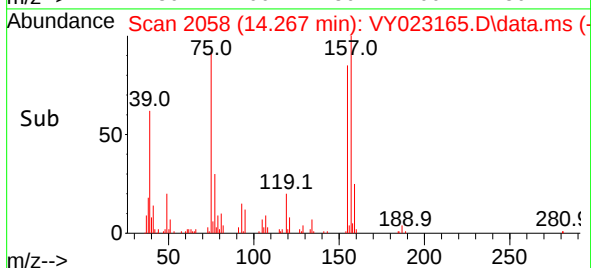
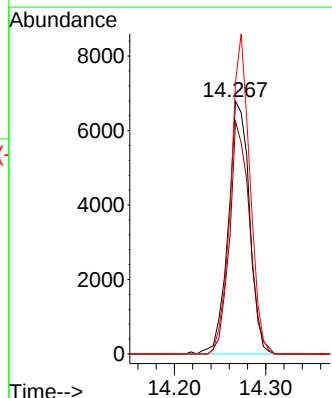
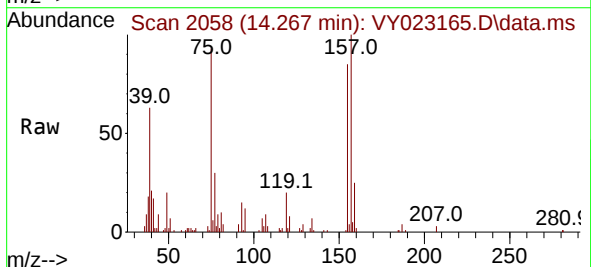
Tgt Ion: 75 Resp: 10929

Ion Ratio Lower Upper

75 100

155 86.6 43.9 131.6

157 114.0 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 18.972 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

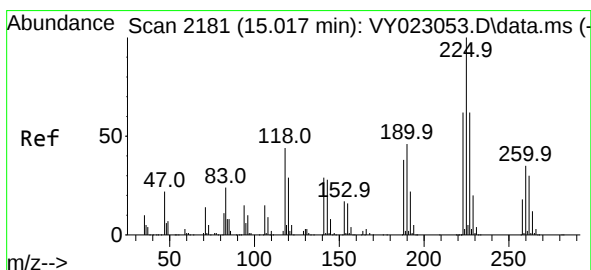
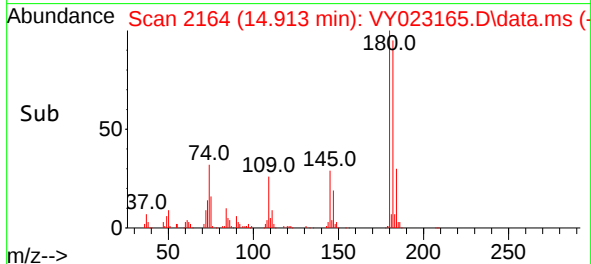
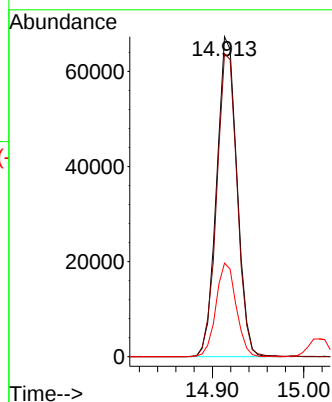
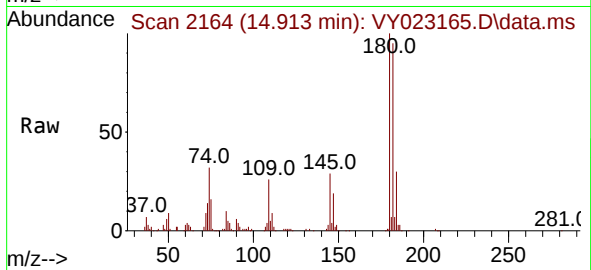
Tgt Ion:180 Resp: 104044

Ion Ratio Lower Upper

180 100

182 95.4 46.8 140.4

145 29.0 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.160 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

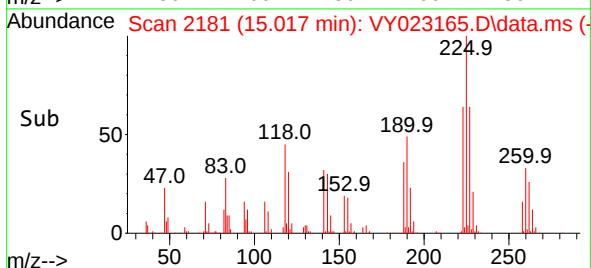
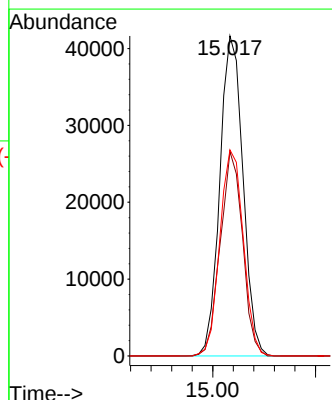
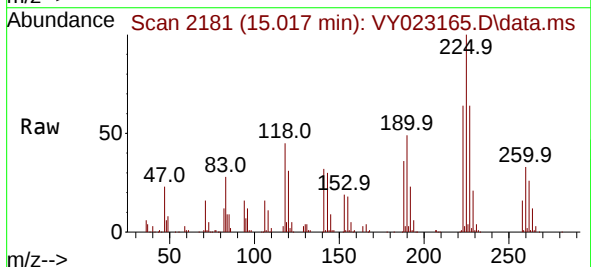
Tgt Ion:225 Resp: 64968

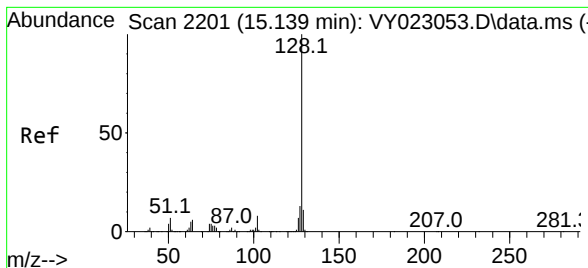
Ion Ratio Lower Upper

225 100

223 61.5 31.3 93.8

227 65.3 31.5 94.5





#95

Naphthalene

Concen: 16.970 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Instrument :

MSVOA_Y

ClientSampleId :

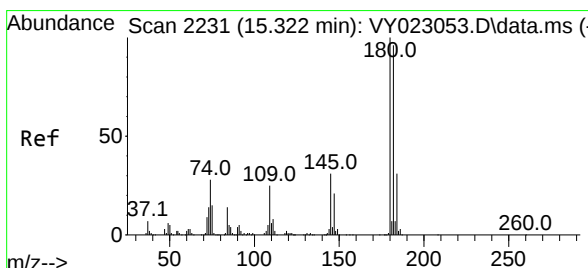
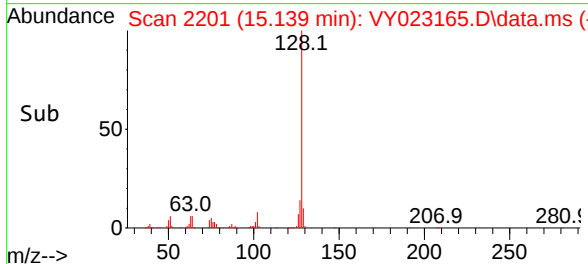
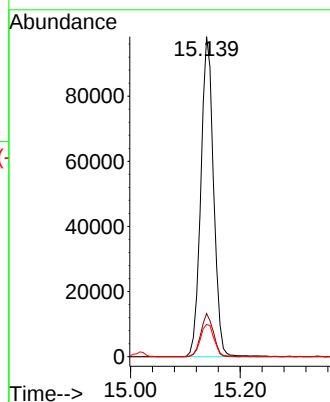
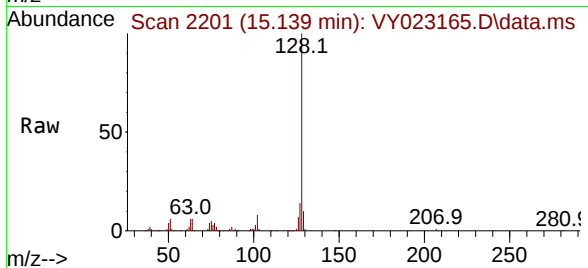
Tgt Ion:128 Resp: 158700

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.8 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 18.700 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023165.D

Acq: 20 Aug 2025 10:47

Tgt Ion:180 Resp: 88372

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 31.3 15.9 47.7

