

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
 Data File : VY022166.D
 Acq On : 05 May 2025 17:51
 Operator : SY/MD
 Sample : Q1956-04MSD
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MSD

Quant Time: May 06 05:23:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	183464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	282446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	251760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	123121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	87005	51.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.680%	
35) Dibromofluoromethane	7.634	113	105973	56.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.580%	
50) Toluene-d8	10.103	98	413665	58.803	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.600%	
62) 4-Bromofluorobenzene	12.408	95	124343	52.506	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	81774	52.309	ug/l	100
3) Chloromethane	2.068	50	118676	53.314	ug/l	98
4) Vinyl Chloride	2.202	62	161541	59.056	ug/l	97
5) Bromomethane	2.598	94	117988	50.066	ug/l	96
6) Chloroethane	2.733	64	110689	59.417	ug/l	99
7) Trichlorofluoromethane	3.056	101	194574	53.943	ug/l	97
8) Diethyl Ether	3.452	74	44592	47.498	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	105713	54.026	ug/l	99
10) Methyl Iodide	4.007	142	119042	52.546	ug/l	98
11) Tert butyl alcohol	4.854	59	18407	197.854	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	98515	54.015	ug/l	95
13) Acrolein	3.653	56	7179	42.994	ug/l	98
14) Allyl chloride	4.385	41	109738	51.674	ug/l	98
15) Acrylonitrile	5.061	53	72479	210.881	ug/l	97
16) Acetone	3.866	43	51345	229.748	ug/l	98
17) Carbon Disulfide	4.104	76	280241	48.191	ug/l	99
18) Methyl Acetate	4.385	43	61528	77.726	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	197911	48.483	ug/l	97
20) Methylene Chloride	4.616	84	106339	49.626	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	110817	54.254	ug/l	94
22) Diisopropyl ether	6.019	45	272553	57.672	ug/l	96
23) Vinyl Acetate	5.964	43	267112	104.874	ug/l	100
24) 1,1-Dichloroethane	5.915	63	190132	58.041	ug/l	99
25) 2-Butanone	6.890	43	79899	206.841	ug/l	97
26) 2,2-Dichloropropane	6.884	77	148215	51.622	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	125082	54.767	ug/l	97
28) Bromochloromethane	7.244	49	64816	50.940	ug/l	98
29) Tetrahydrofuran	7.262	42	52721	210.142	ug/l	99
30) Chloroform	7.421	83	208535	57.390	ug/l	98
31) Cyclohexane	7.701	56	150783	53.826	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	188359	57.297	ug/l	99
36) 1,1-Dichloropropene	7.835	75	143475	57.241	ug/l	99
37) Ethyl Acetate	6.982	43	35584	39.528	ug/l	98
38) Carbon Tetrachloride	7.817	117	170289	56.855	ug/l	97
39) Methylcyclohexane	9.109	83	175064	55.500	ug/l	97
40) Benzene	8.079	78	456229	58.227	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	18941	38.489	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	100489	51.801	ug/l	98
43) Isopropyl Acetate	8.195	43	74871	43.308	ug/l	96
44) Trichloroethene	8.866	130	119569	55.094	ug/l	95
45) 1,2-Dichloropropane	9.140	63	100532	58.019	ug/l	97
46) Dibromomethane	9.231	93	53037	48.897	ug/l	97
47) Bromodichloromethane	9.420	83	149820	55.290	ug/l	100
48) Methyl methacrylate	9.219	41	38804	48.554	ug/l	98
49) 1,4-Dioxane	9.231	88	8383	725.118	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	202252	223.173	ug/l	97
52) Toluene	10.170	92	300939	59.335	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	111052	47.780	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	141008	51.037	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	71864	49.600	ug/l	98
56) Ethyl methacrylate	10.438	69	69351	41.856	ug/l	96
57) 1,3-Dichloropropane	10.719	76	116040	49.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	180773	223.149	ug/l	99
59) 2-Hexanone	10.762	43	127478	213.262	ug/l	98
60) Dibromochloromethane	10.908	129	99678	49.691	ug/l	100
61) 1,2-Dibromoethane	11.012	107	63429	46.372	ug/l	98
64) Tetrachloroethene	10.646	164	134923	56.809	ug/l	98
65) Chlorobenzene	11.444	112	310166	55.092	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	113644	57.336	ug/l	99
67) Ethyl Benzene	11.518	91	551660	59.899	ug/l	99
68) m/p-Xylenes	11.627	106	437997	119.515	ug/l	99
69) o-Xylene	11.957	106	200228	59.278	ug/l	99
70) Styrene	11.969	104	248695	43.851	ug/l	96
71) Bromoform	12.133	173	51847	44.992	ug/l #	100
73) Isopropylbenzene	12.255	105	521638	63.415	ug/l	100
74) N-amyl acetate	12.072	43	50669	35.852	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	68497	49.391	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	91758	87.008	ug/l #	100
77) Bromobenzene	12.530	156	114981	55.318	ug/l	98
78) n-propylbenzene	12.597	91	622550	63.552	ug/l	99
79) 2-Chlorotoluene	12.682	91	353120	61.984	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	422747	62.374	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	17529	40.027	ug/l	99
82) 4-Chlorotoluene	12.773	91	353572	59.703	ug/l	100
83) tert-Butylbenzene	12.999	119	381232	62.718	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	412129	60.794	ug/l	100
85) sec-Butylbenzene	13.176	105	541984	60.934	ug/l	100
86) p-Isopropyltoluene	13.292	119	445785	59.021	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	223349	52.906	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	212649	50.860	ug/l	100
89) n-Butylbenzene	13.615	91	364597	54.006	ug/l	100
90) Hexachloroethane	13.877	117	92672	55.845	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	188153	51.100	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9261	41.973	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	69006	33.072	ug/l	99
94) Hexachlorobutadiene	15.023	225	42326	32.970	ug/l	97
95) Naphthalene	15.145	128	107843	31.114	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	53430	29.665	ug/l	99

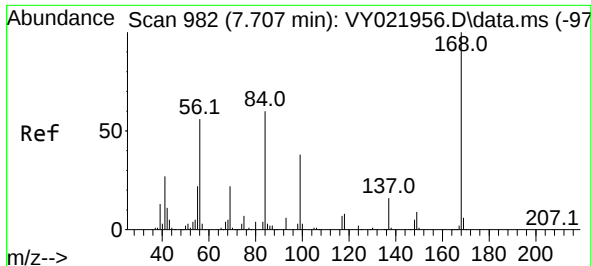
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050525\
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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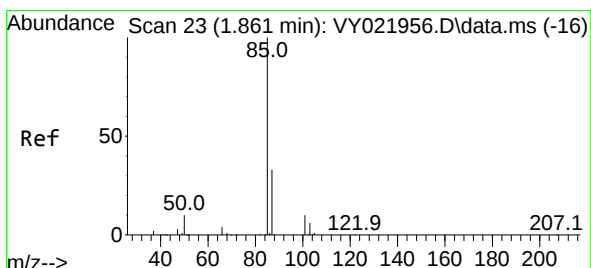
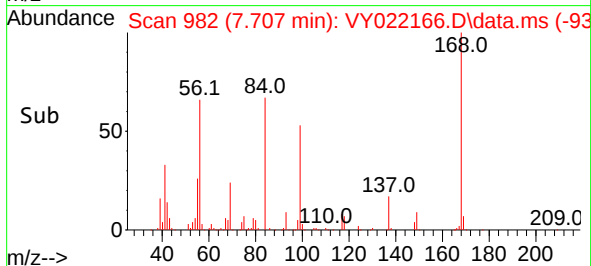
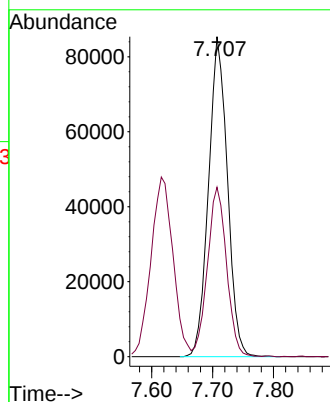
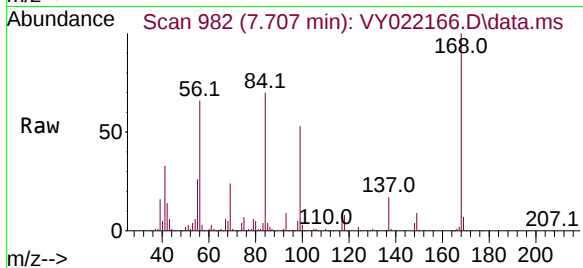
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

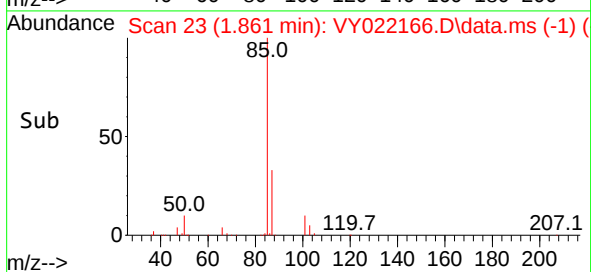
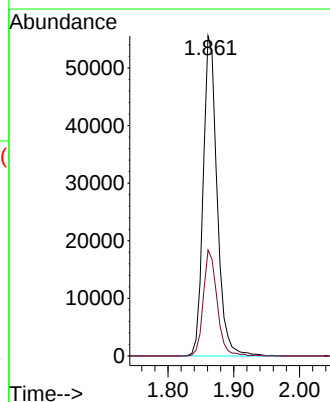
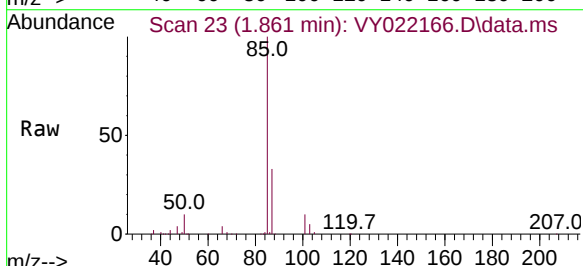
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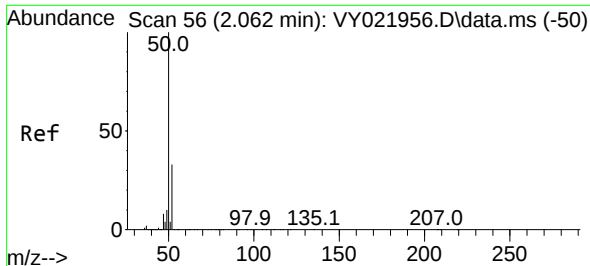
Tgt Ion:168 Resp: 183464
Ion Ratio Lower Upper
168 100
99 53.0 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 52.309 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 85 Resp: 81774
Ion Ratio Lower Upper
85 100
87 33.1 16.6 49.7

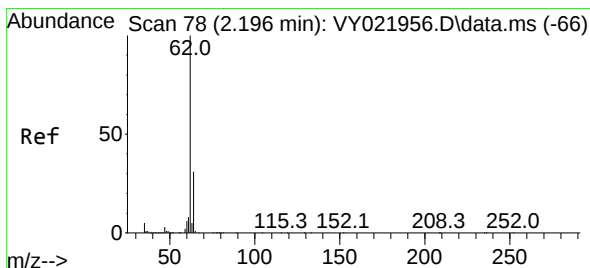
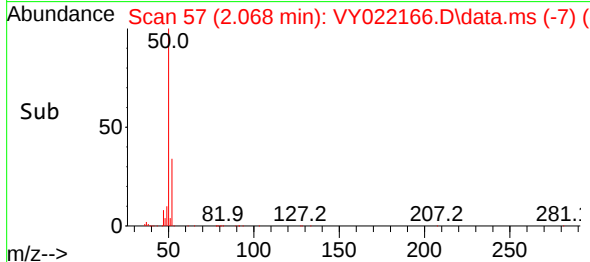
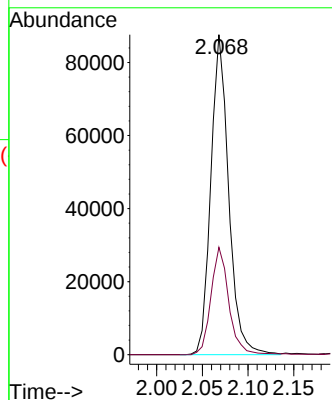
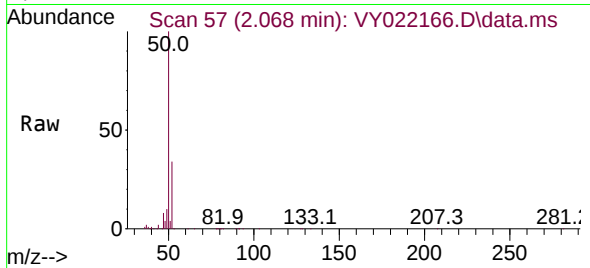




#3
Chloromethane
Concen: 53.314 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

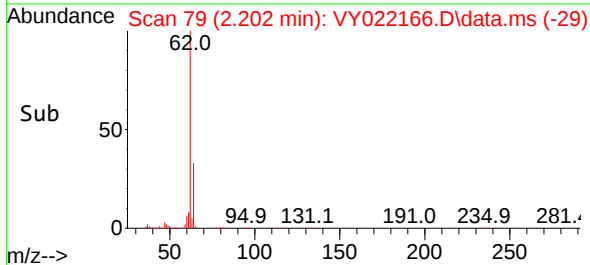
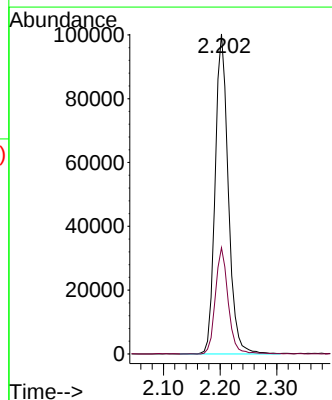
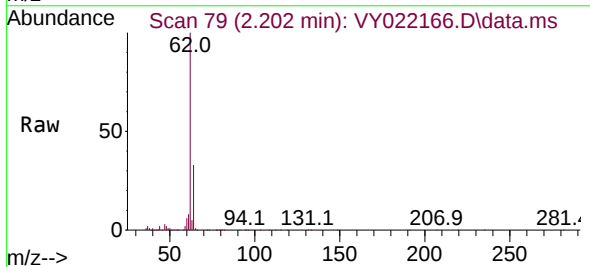
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ClientSampleId :
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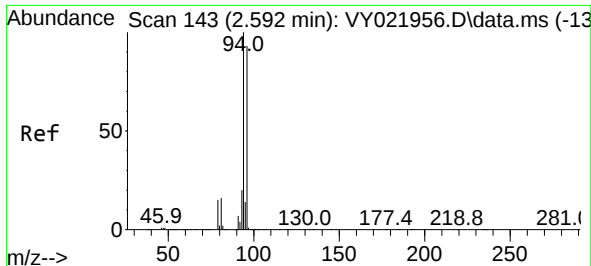
Tgt Ion: 50 Resp: 118676
Ion Ratio Lower Upper
50 100
52 33.6 26.1 39.1



#4
Vinyl Chloride
Concen: 59.056 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 62 Resp: 161541
Ion Ratio Lower Upper
62 100
64 33.2 25.1 37.7

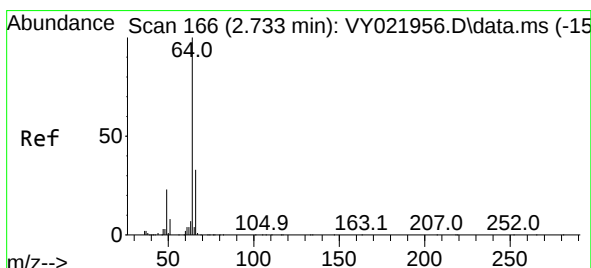
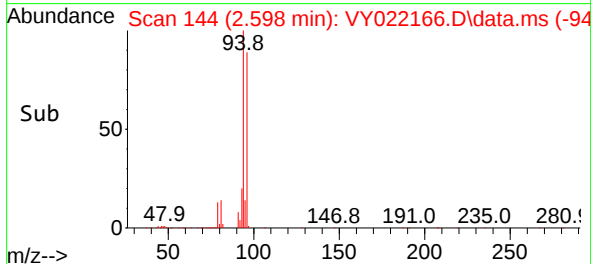
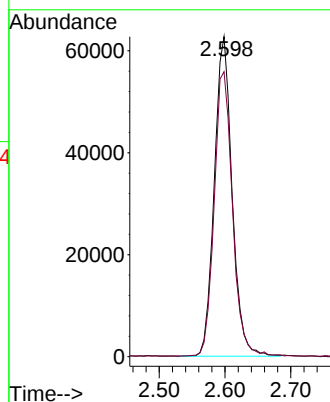
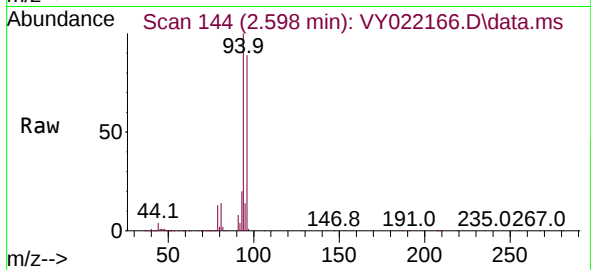




#5
Bromomethane
Concen: 50.066 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

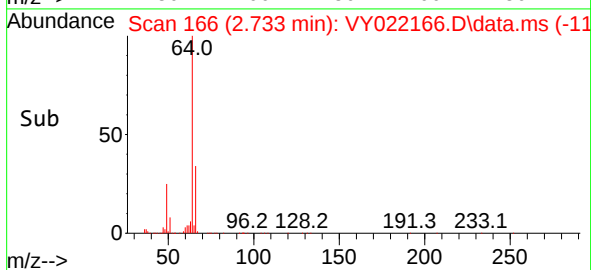
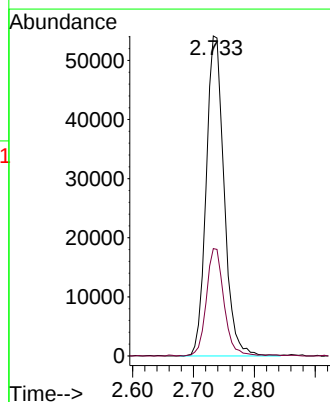
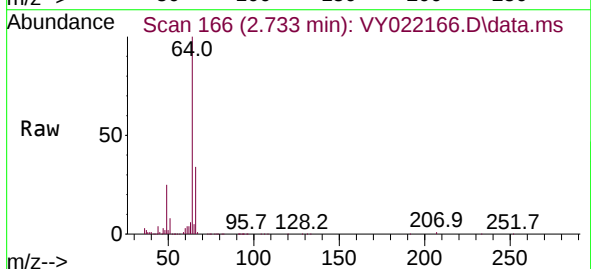
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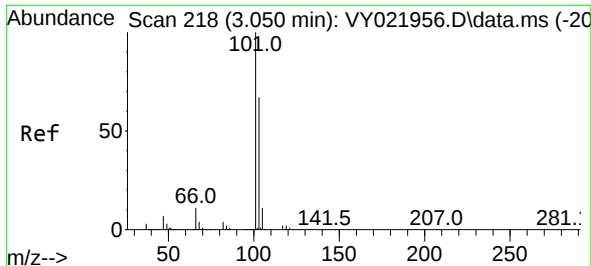
Tgt Ion: 94 Resp: 117988
Ion Ratio Lower Upper
94 100
96 89.0 74.6 111.8



#6
Chloroethane
Concen: 59.417 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 64 Resp: 110689
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4

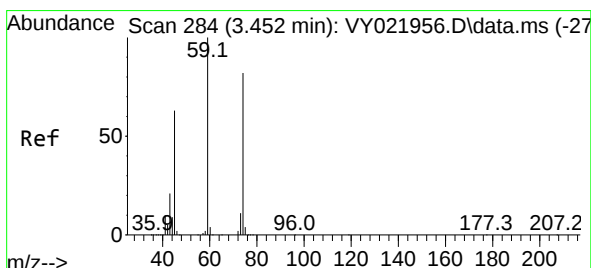
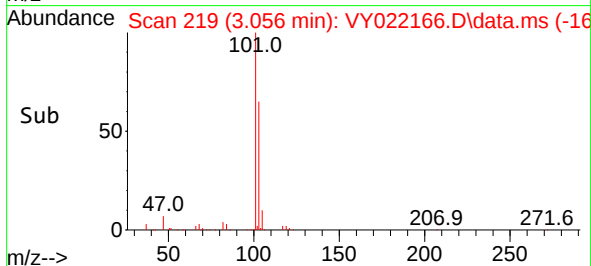
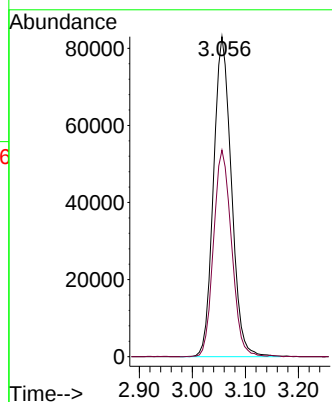
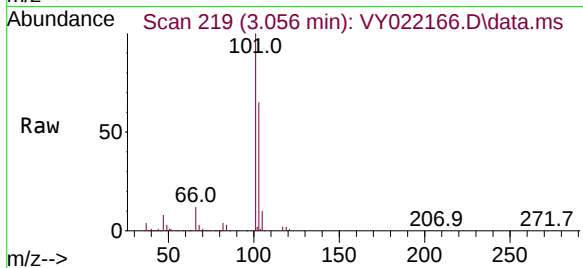




#7
 Trichlorofluoromethane
 Concen: 53.943 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

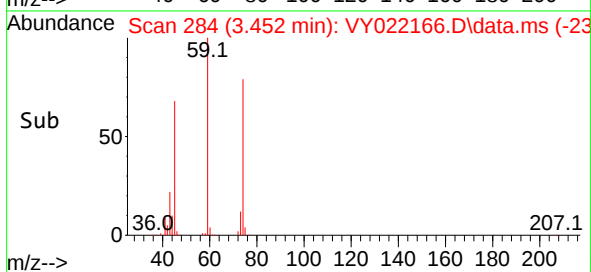
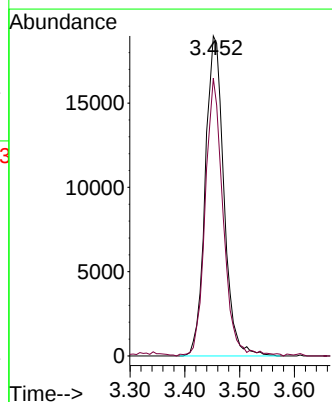
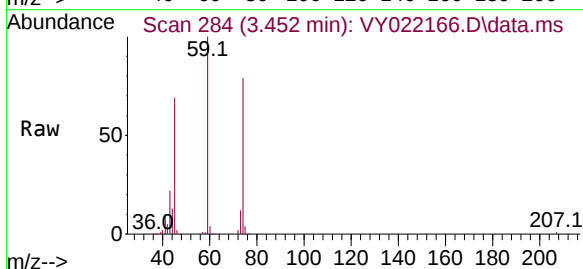
Instrument :
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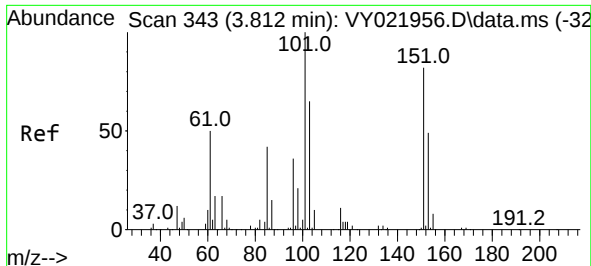
Tgt Ion:101 Resp: 194574
 Ion Ratio Lower Upper
 101 100
 103 64.6 53.6 80.4



#8
 Diethyl Ether
 Concen: 47.498 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

Tgt Ion: 74 Resp: 44592
 Ion Ratio Lower Upper
 74 100
 45 83.7 39.1 117.5

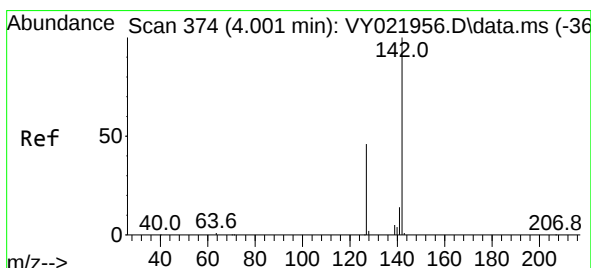
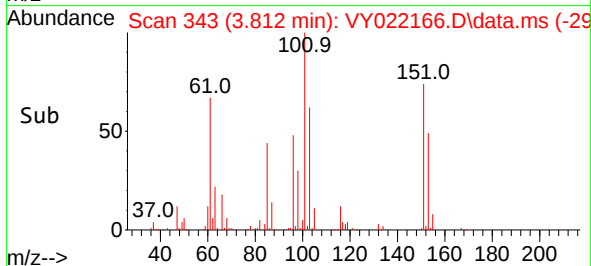
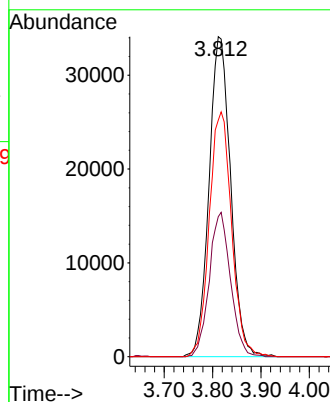
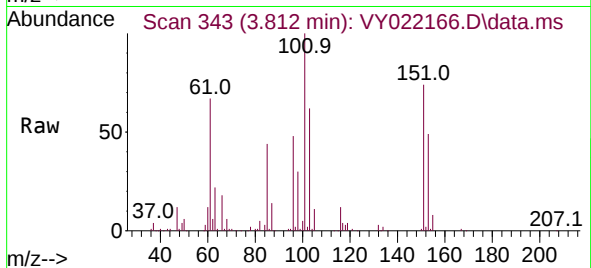




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.026 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

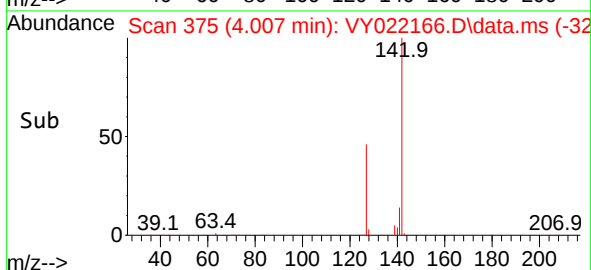
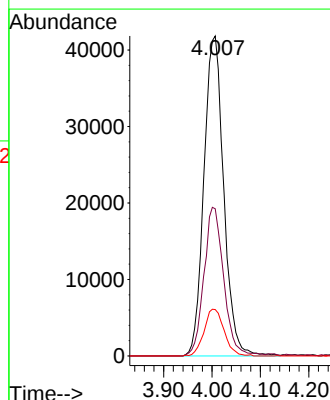
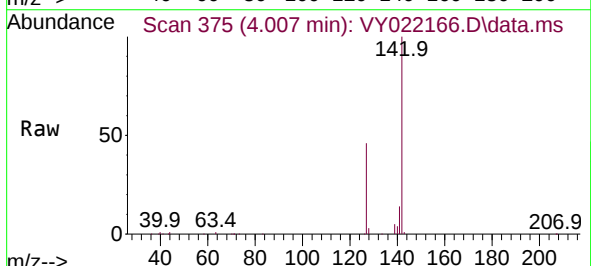
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

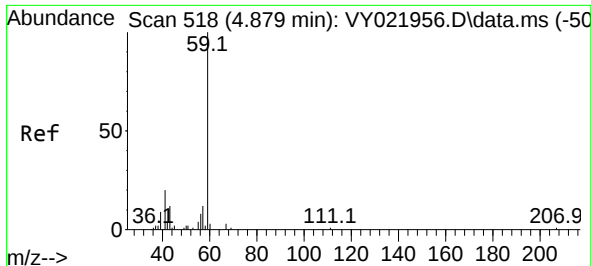
Tgt Ion:101 Resp: 105713
Ion Ratio Lower Upper
101 100
85 44.3 34.6 51.8
151 79.2 63.7 95.5



#10
Methyl Iodide
Concen: 52.546 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion:142 Resp: 119042
Ion Ratio Lower Upper
142 100
127 46.5 36.2 54.2
141 14.8 11.7 17.5

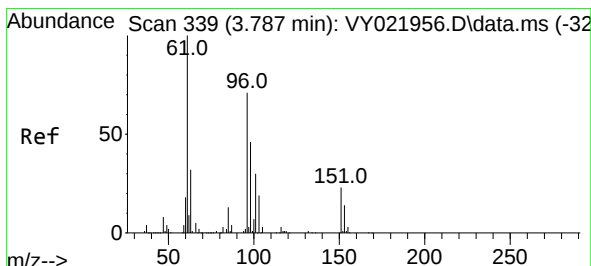
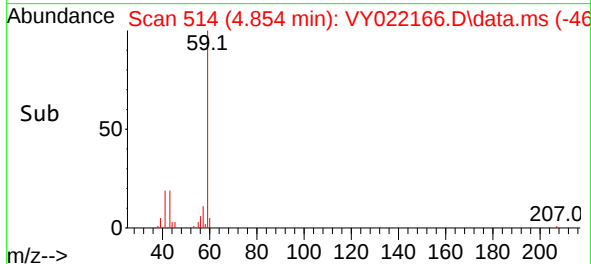
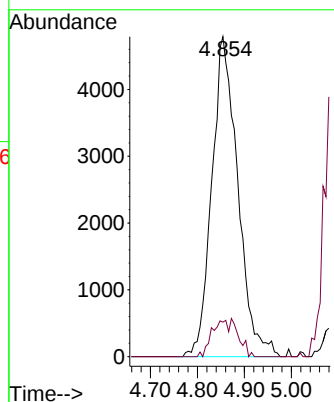
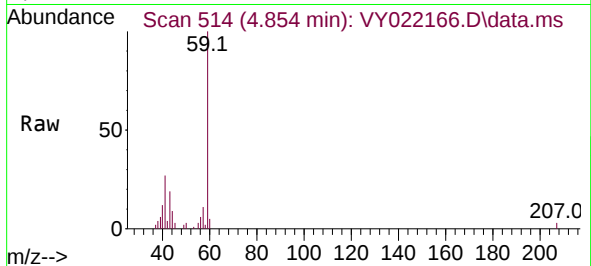




#11
Tert butyl alcohol
Concen: 197.854 ug/l
RT: 4.854 min Scan# 518
Delta R.T. -0.024 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

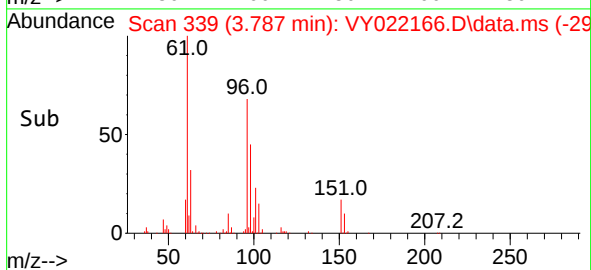
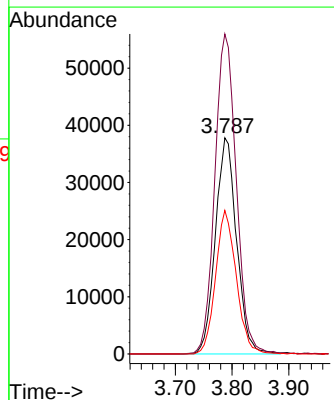
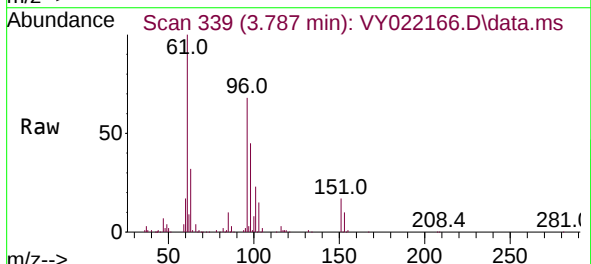
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

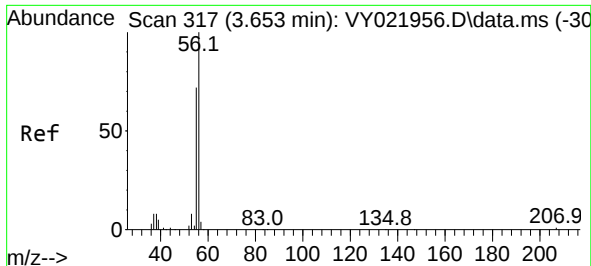
Tgt Ion: 59 Resp: 18407
Ion Ratio Lower Upper
59 100
57 7.3 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 54.015 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 96 Resp: 98515
Ion Ratio Lower Upper
96 100
61 148.0 113.0 169.4
98 66.4 51.4 77.2

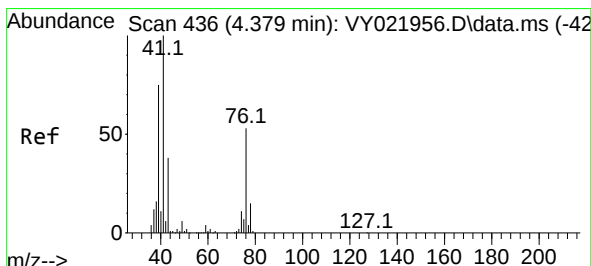
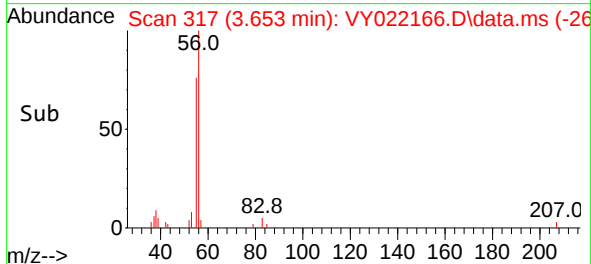
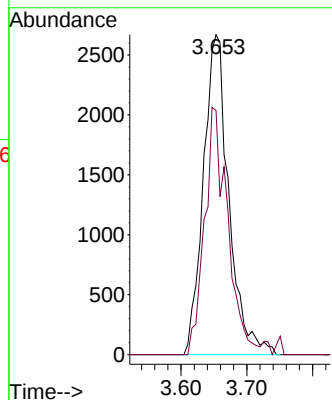
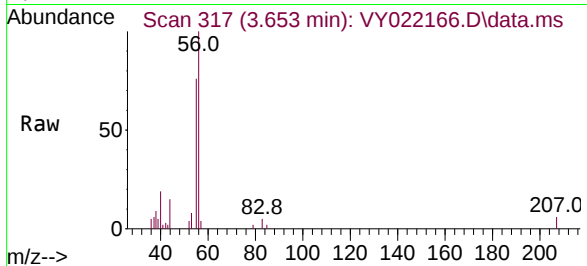




#13
Acrolein
Concen: 42.994 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

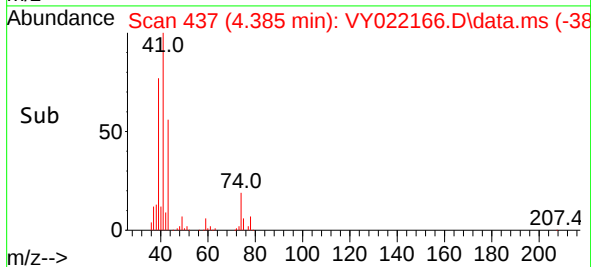
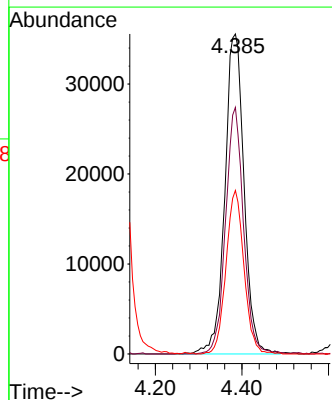
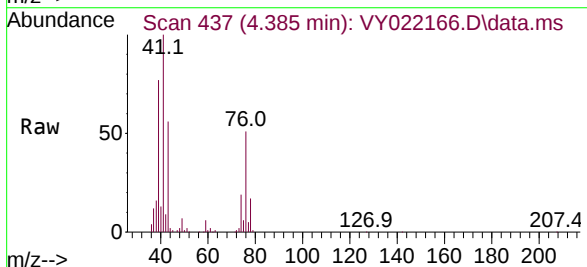
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

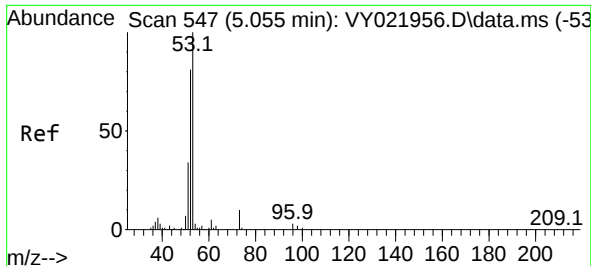
Tgt Ion: 56 Resp: 7179
Ion Ratio Lower Upper
56 100
55 70.0 57.4 86.0



#14
Allyl chloride
Concen: 51.674 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 41 Resp: 109738
Ion Ratio Lower Upper
41 100
39 72.3 57.2 85.8
76 47.9 39.7 59.5

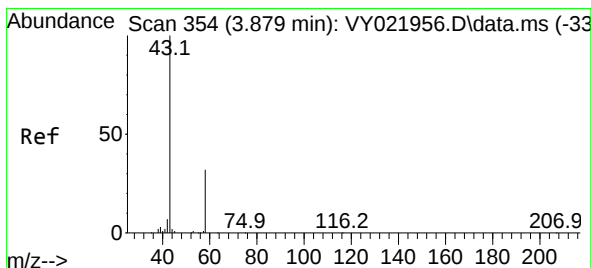
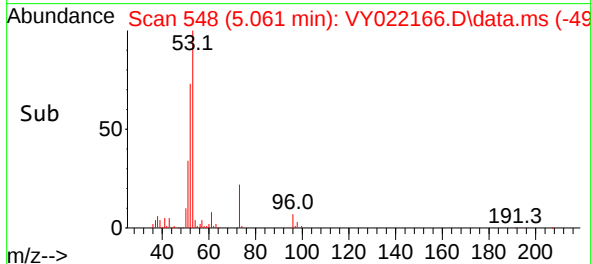
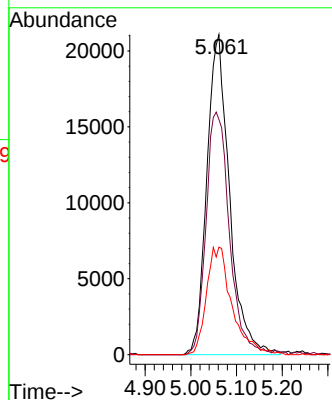
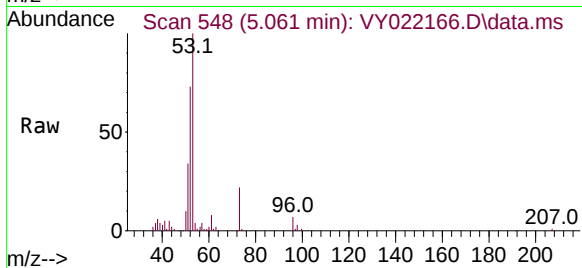




#15
Acrylonitrile
Concen: 210.881 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

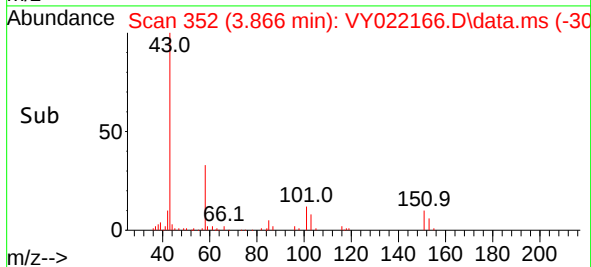
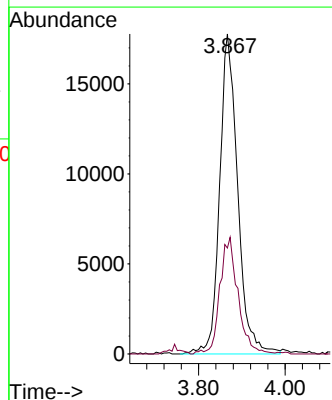
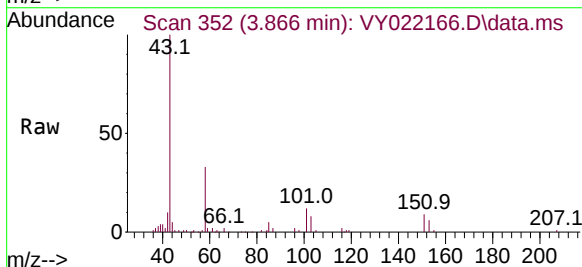
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

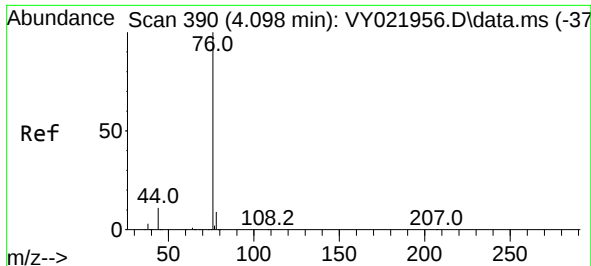
Tgt Ion: 53 Resp: 72479
Ion Ratio Lower Upper
53 100
52 78.3 65.0 97.6
51 38.0 28.9 43.3



#16
Acetone
Concen: 229.748 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 43 Resp: 51345
Ion Ratio Lower Upper
43 100
58 32.6 27.0 40.4

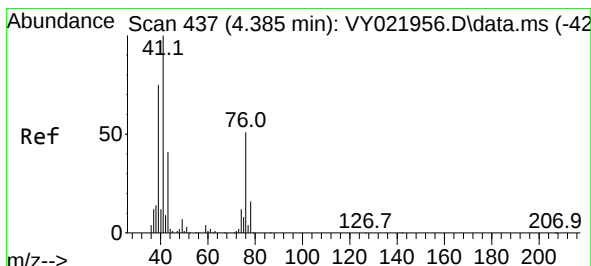
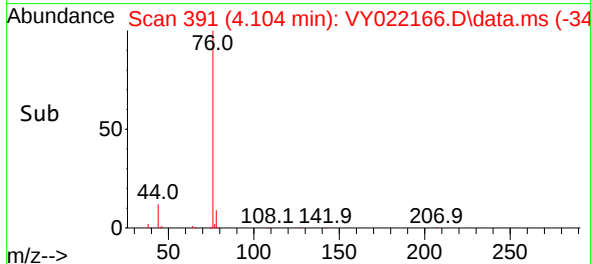
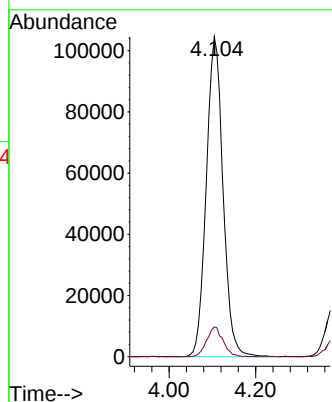
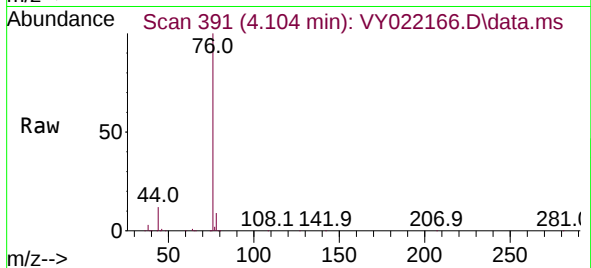




#17
Carbon Disulfide
Concen: 48.191 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

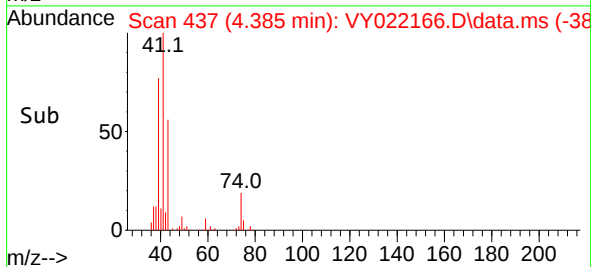
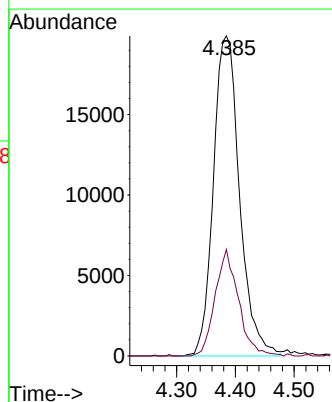
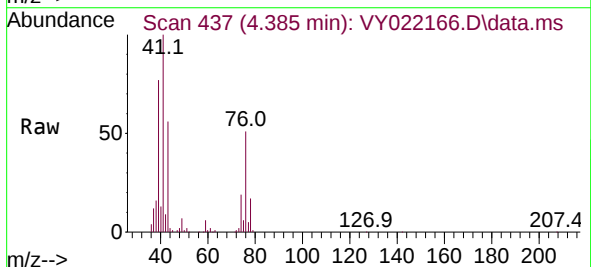
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

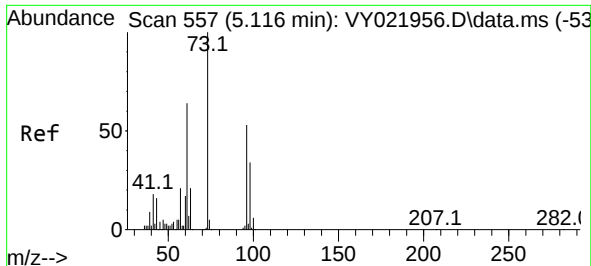
Tgt Ion: 76 Resp: 280241
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 77.726 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 43 Resp: 61528
Ion Ratio Lower Upper
43 100
74 29.7 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 48.483 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

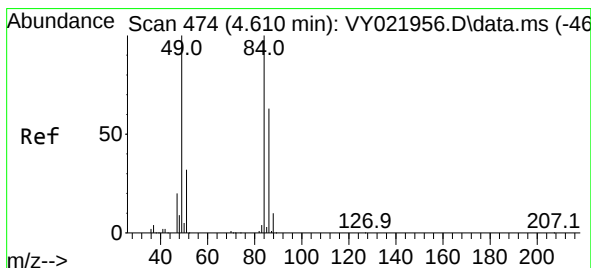
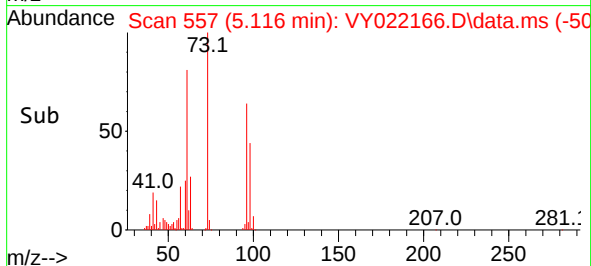
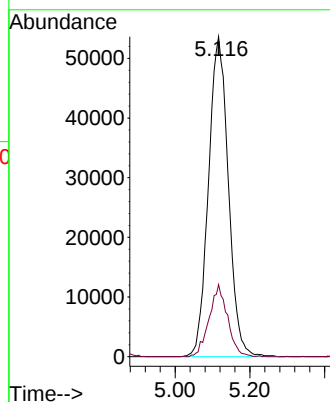
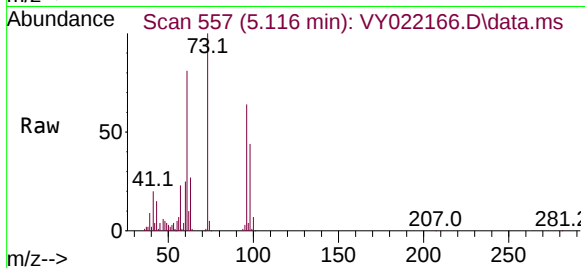
SB2-4-5MSD

Tgt Ion: 73 Resp: 197911

Ion Ratio Lower Upper

73 100

57 22.5 16.9 25.3



#20

Methylene Chloride

Concen: 49.626 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Tgt Ion: 84 Resp: 106339

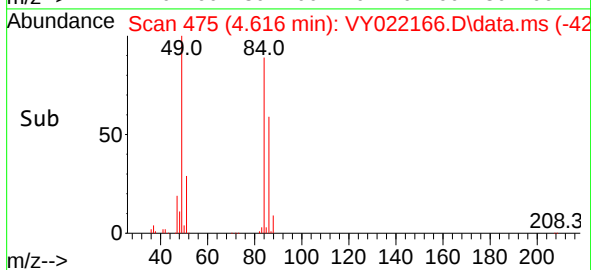
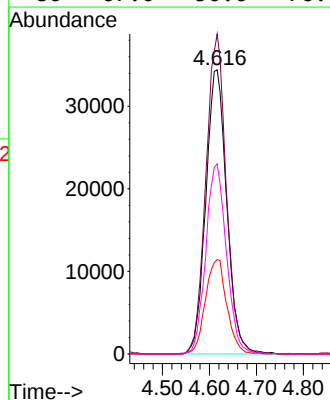
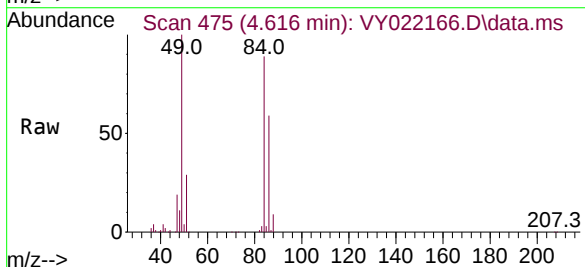
Ion Ratio Lower Upper

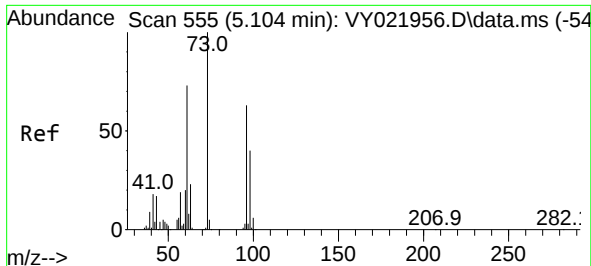
84 100

49 112.6 79.9 119.9

51 33.2 25.4 38.0

86 67.0 50.6 76.0

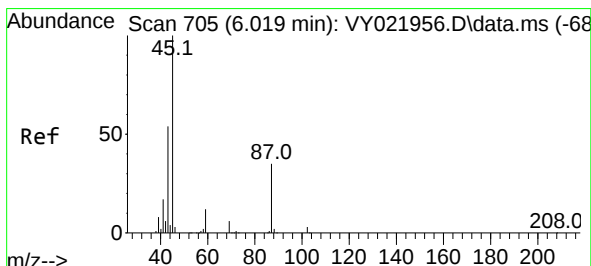
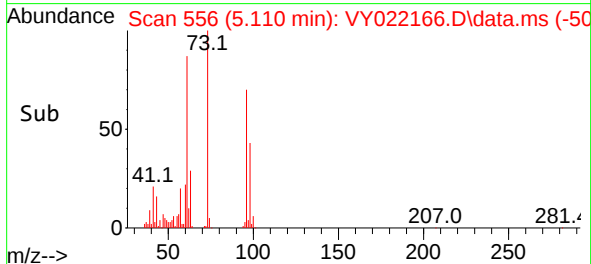
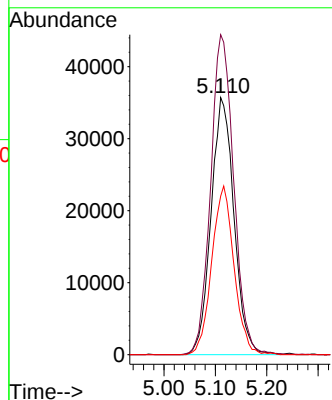
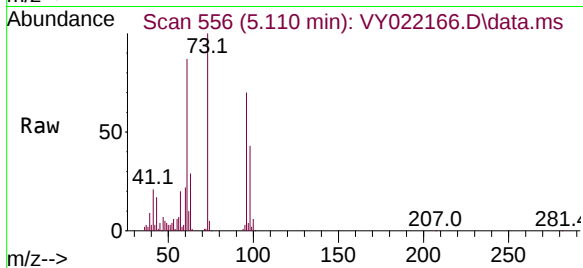




#21
trans-1,2-Dichloroethene
Concen: 54.254 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

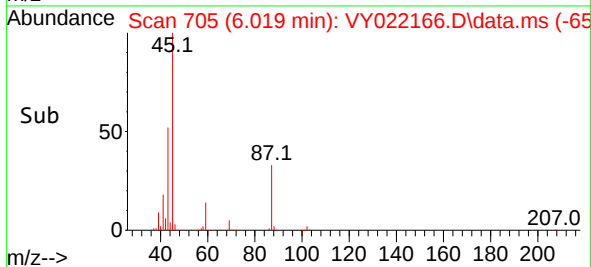
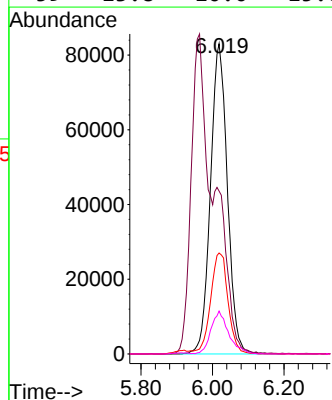
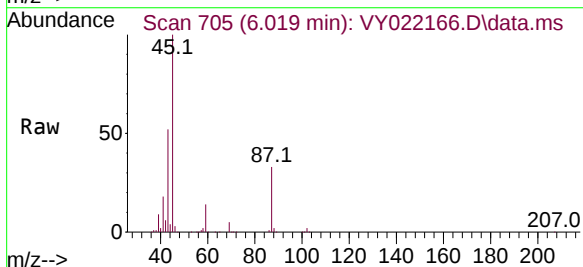
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

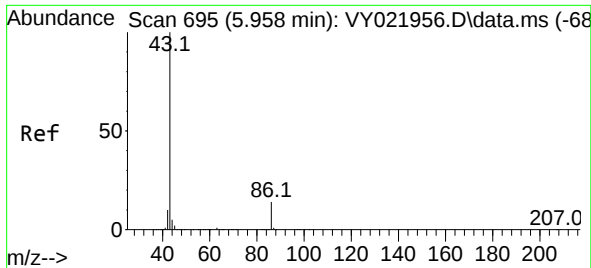
Tgt Ion: 96 Resp: 110817
Ion Ratio Lower Upper
96 100
61 124.5 92.6 138.8
98 61.7 50.2 75.4



#22
Diisopropyl ether
Concen: 57.672 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 45 Resp: 272553
Ion Ratio Lower Upper
45 100
43 52.3 43.6 65.4
87 32.5 28.2 42.4
59 13.8 10.0 15.0

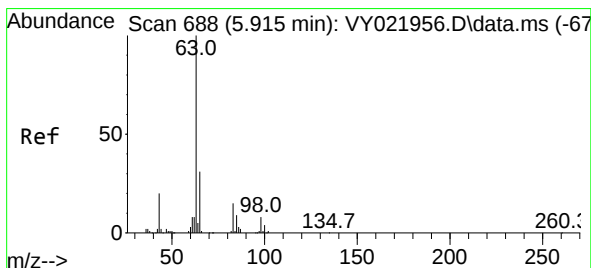
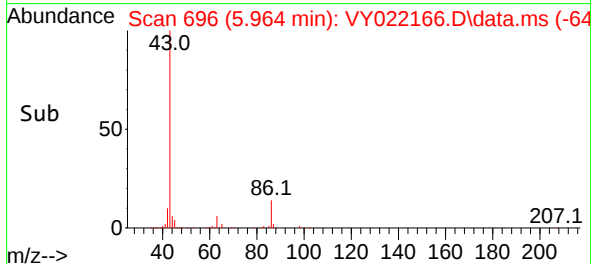
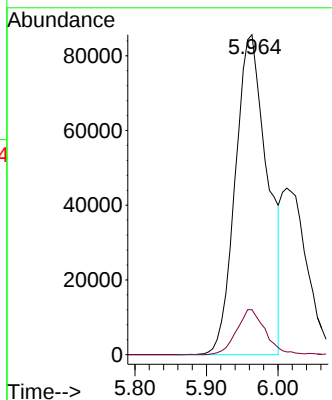
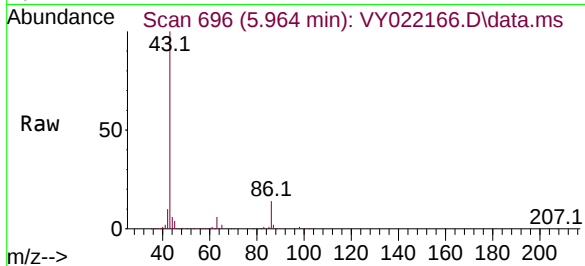




#23
 Vinyl Acetate
 Concen: 104.874 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

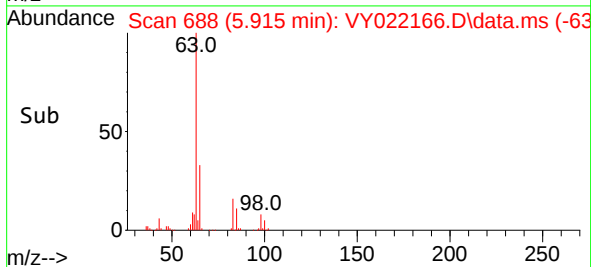
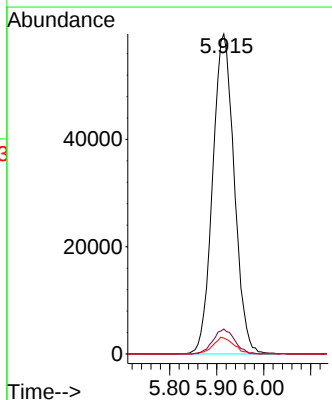
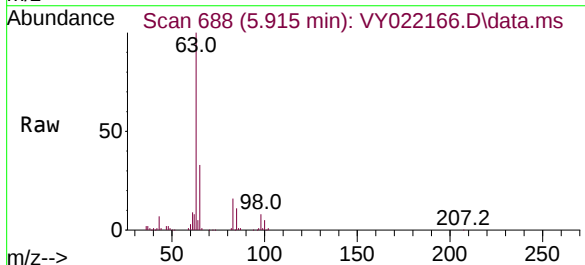
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MSD

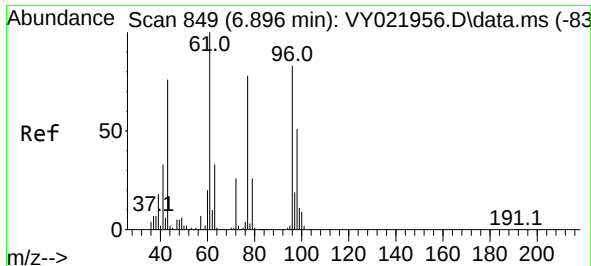
Tgt Ion: 43 Resp: 267112
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 58.041 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

Tgt Ion: 63 Resp: 190132
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.0 2.0 6.0





#25

2-Butanone

Concen: 206.841 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

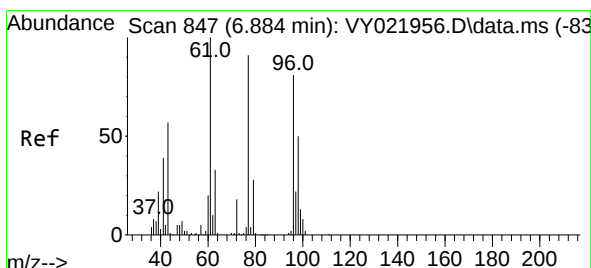
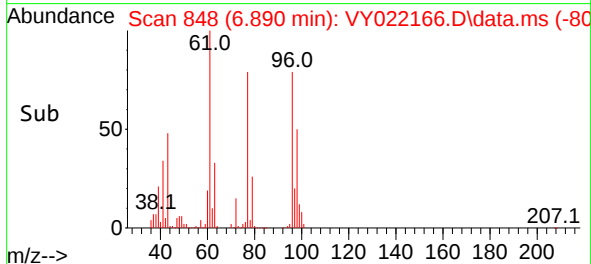
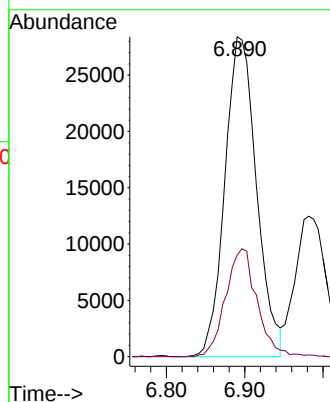
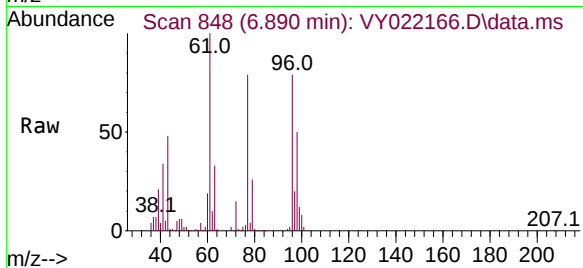
SB2-4-5MSD

Tgt Ion: 43 Resp: 79899

Ion Ratio Lower Upper

43 100

72 31.8 27.0 40.4



#26

2,2-Dichloropropane

Concen: 51.622 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022166.D

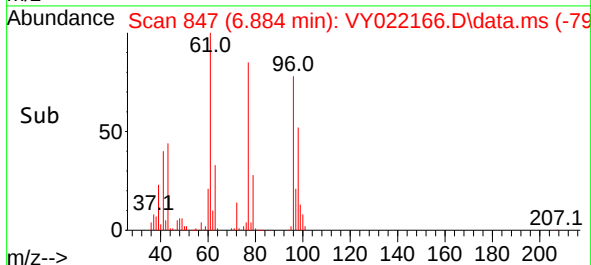
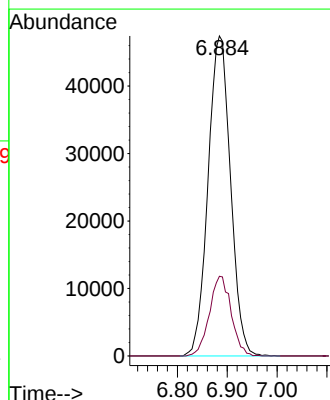
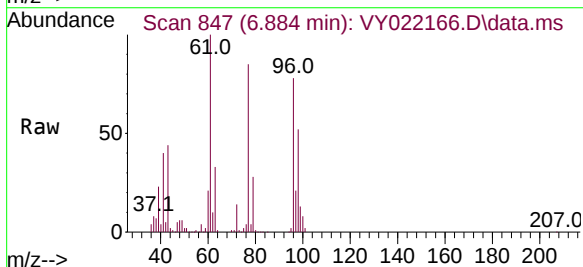
Acq: 05 May 2025 17:51

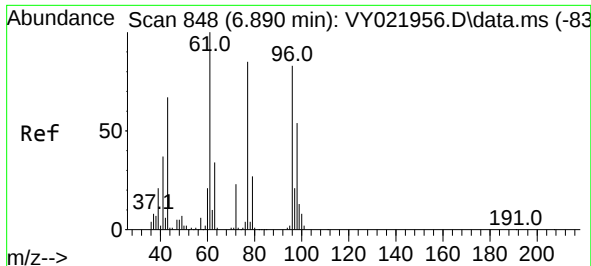
Tgt Ion: 77 Resp: 148215

Ion Ratio Lower Upper

77 100

97 24.1 12.4 37.4

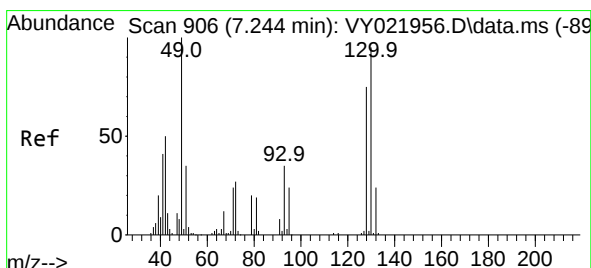
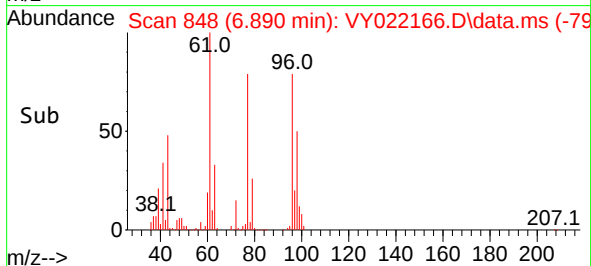
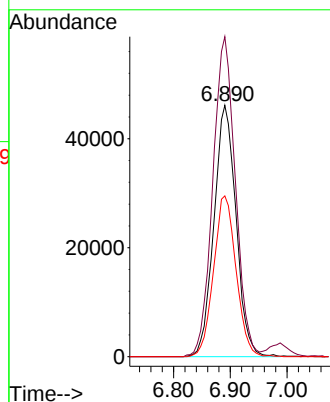
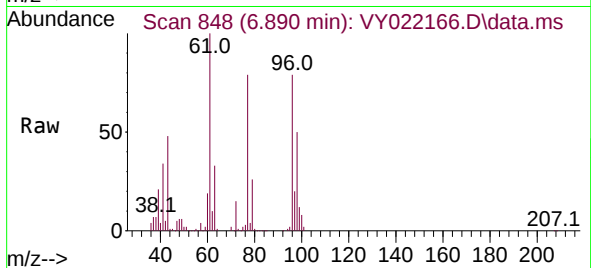




#27
 cis-1,2-Dichloroethene
 Concen: 54.767 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

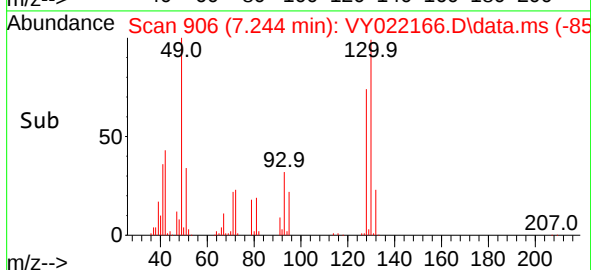
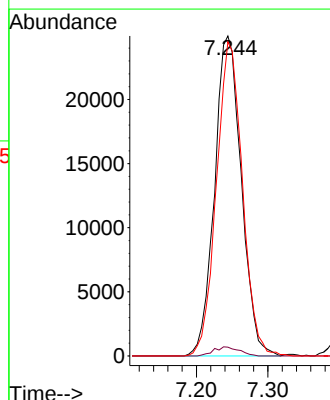
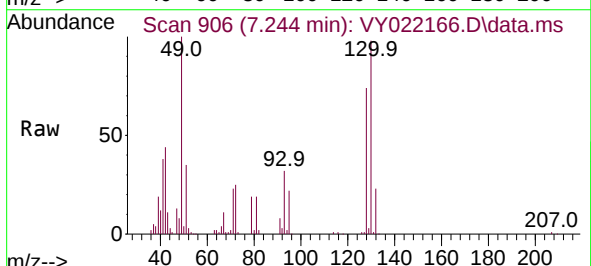
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MSD

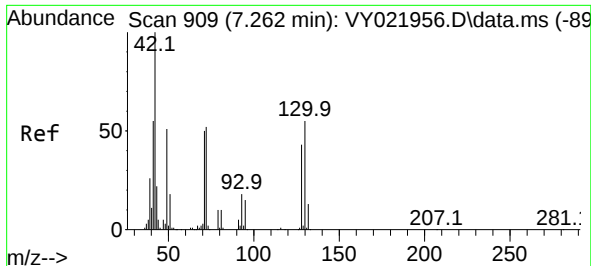
Tgt Ion: 96 Resp: 125082
 Ion Ratio Lower Upper
 96 100
 61 129.5 0.0 251.4
 98 65.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 50.940 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

Tgt Ion: 49 Resp: 64816
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 95.4 78.2 117.4

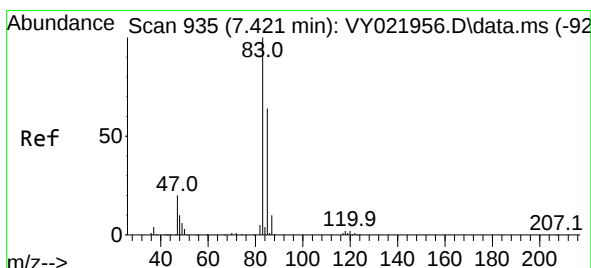
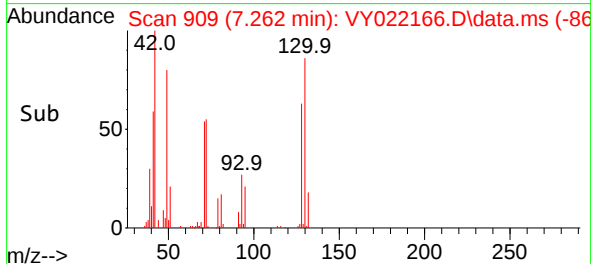
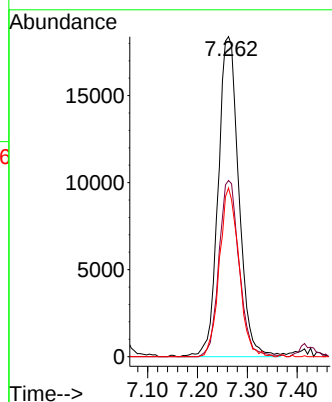
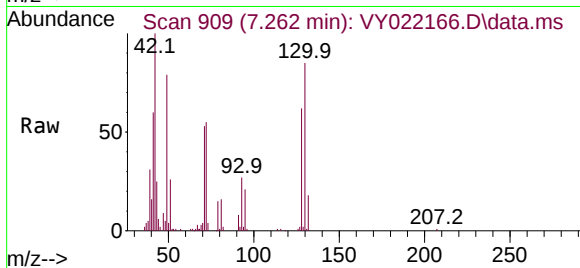




#29
Tetrahydrofuran
Concen: 210.142 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

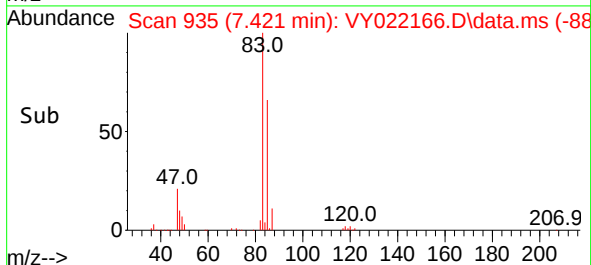
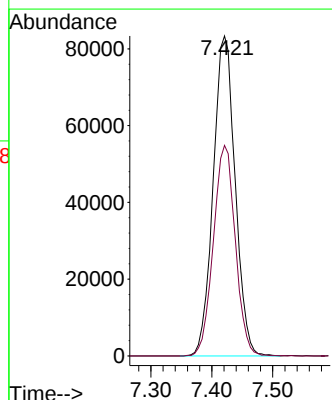
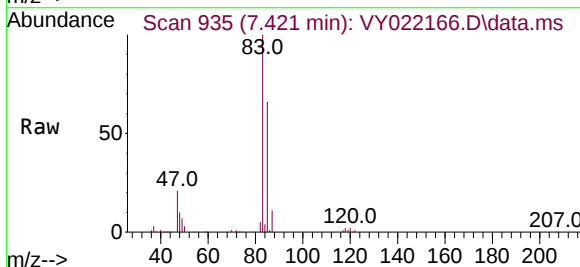
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

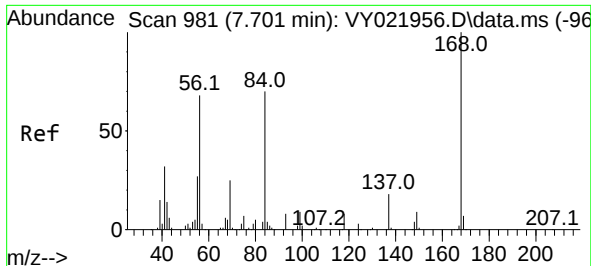
Tgt Ion: 42 Resp: 52721
Ion Ratio Lower Upper
42 100
72 54.0 42.6 63.8
71 49.9 40.6 61.0



#30
Chloroform
Concen: 57.390 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

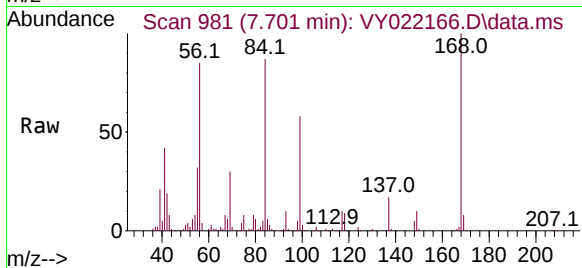
Tgt Ion: 83 Resp: 208535
Ion Ratio Lower Upper
83 100
85 65.8 51.3 76.9



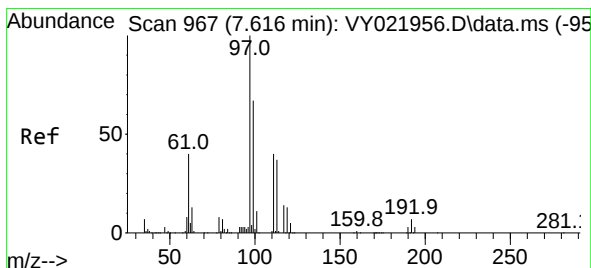
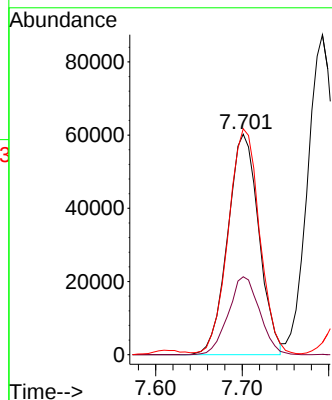
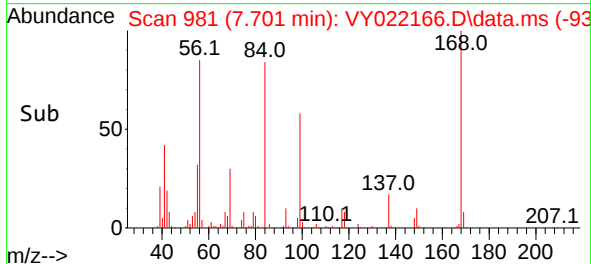


#31
Cyclohexane
Concen: 53.826 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

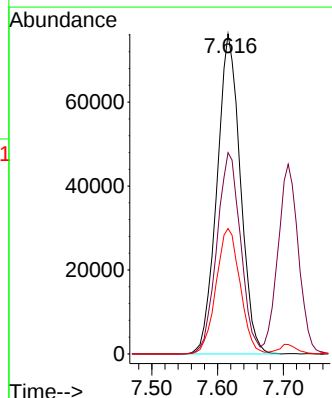
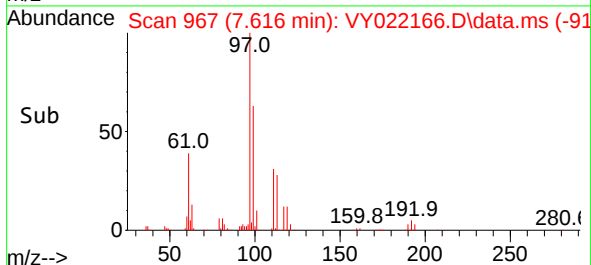
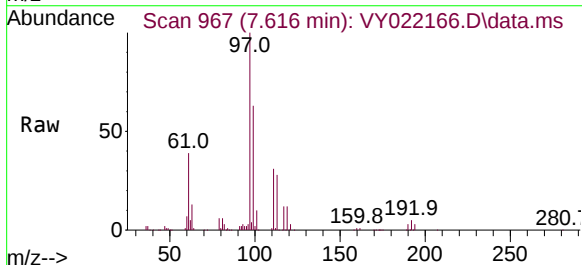


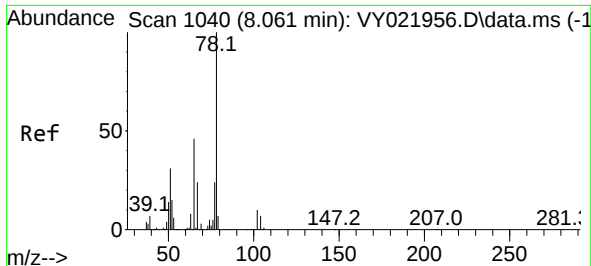
Tgt Ion: 56 Resp: 150783
Ion Ratio Lower Upper
56 100
69 35.3 29.4 44.2
84 101.3 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 57.297 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 97 Resp: 188359
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 40.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 51.342 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

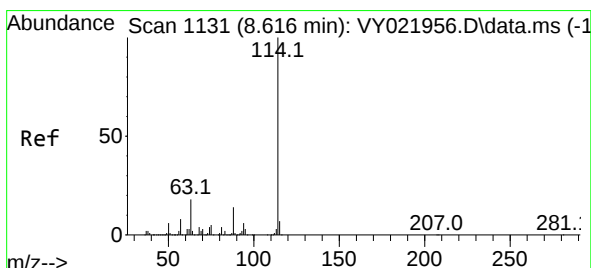
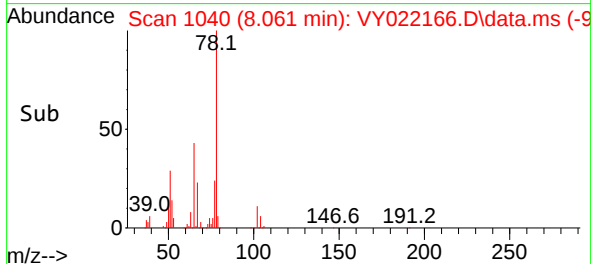
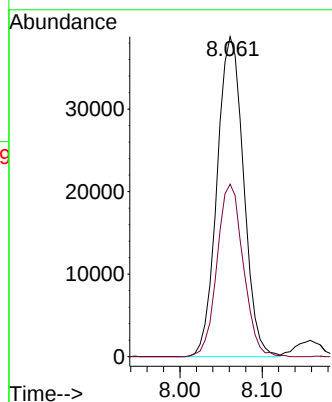
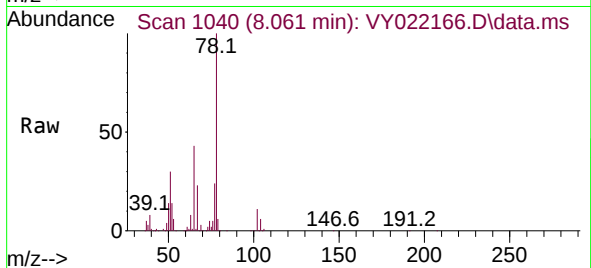
SB2-4-5MSD

Tgt Ion: 65 Resp: 87005

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

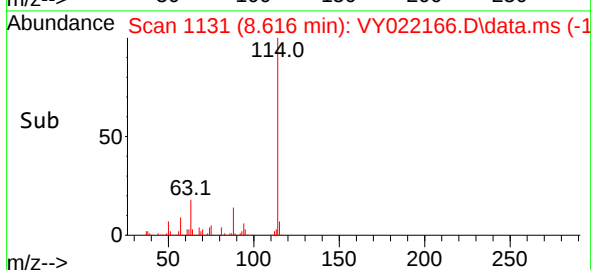
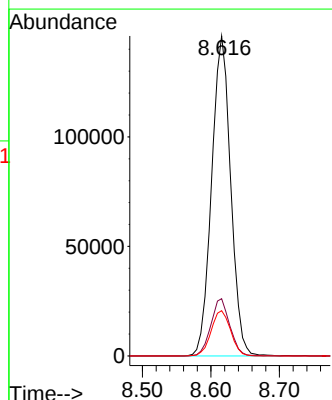
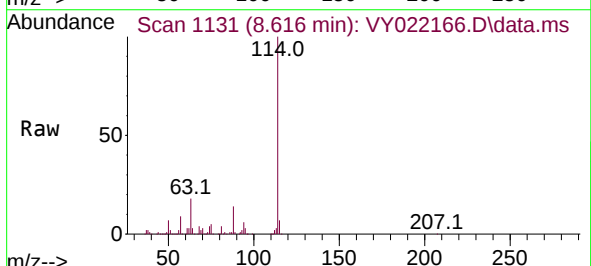
Tgt Ion: 114 Resp: 282446

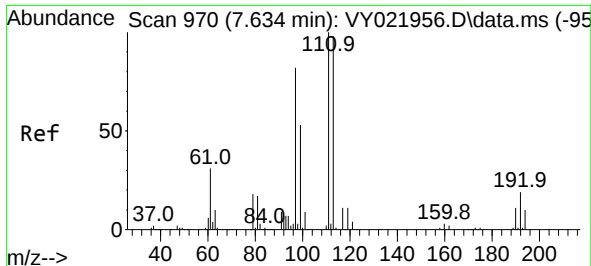
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.4

88 14.2 0.0 28.2

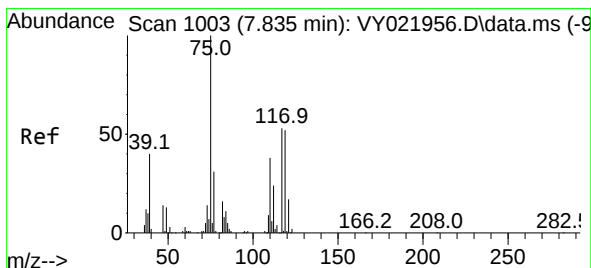
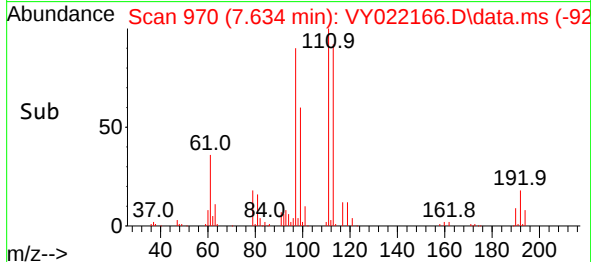
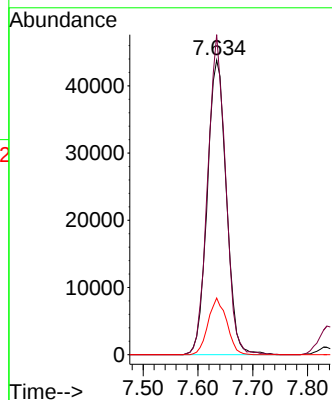
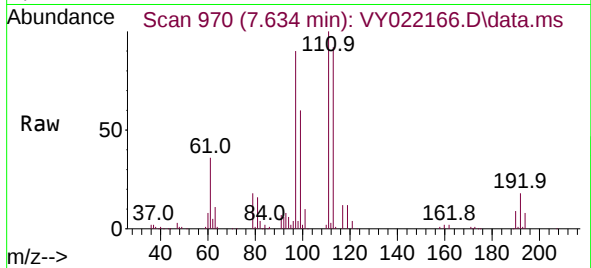




#35
Dibromofluoromethane
Concen: 56.792 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

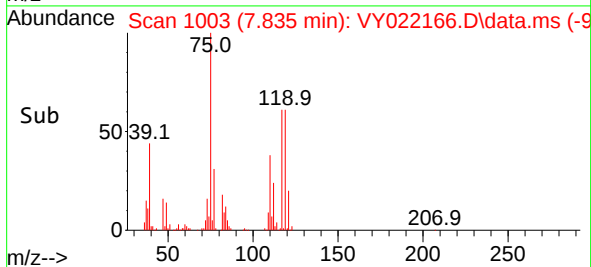
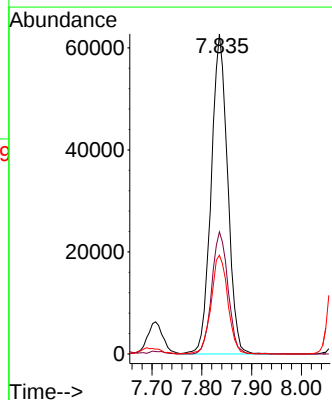
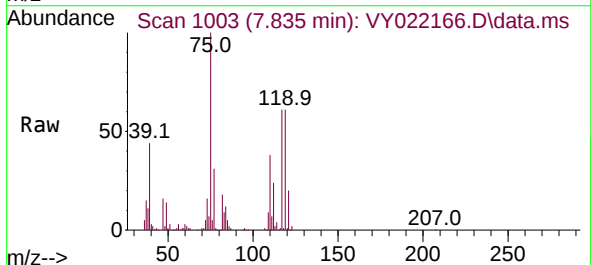
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

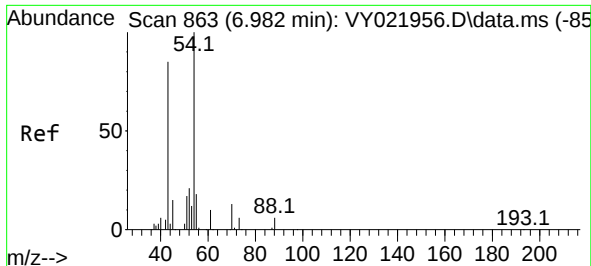
Tgt Ion:113 Resp: 105973
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 18.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 57.241 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 75 Resp: 143475
Ion Ratio Lower Upper
75 100
110 37.6 19.1 57.3
77 31.4 25.5 38.3





#37

Ethyl Acetate

Concen: 39.528 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MSD

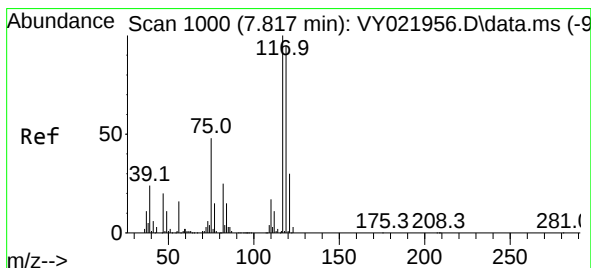
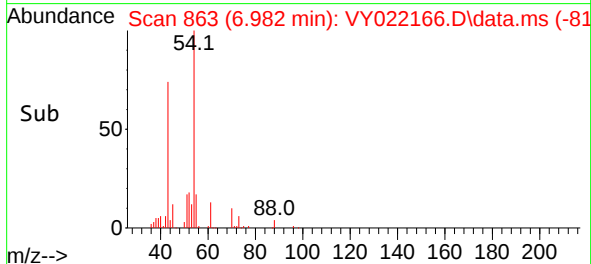
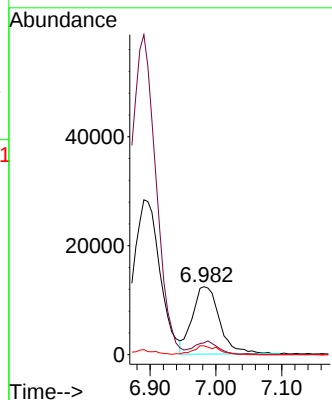
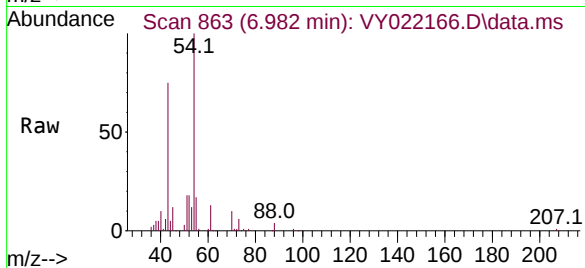
Tgt Ion: 43 Resp: 35584

Ion Ratio Lower Upper

43 100

61 16.3 13.8 20.6

70 12.4 9.2 13.8



#38

Carbon Tetrachloride

Concen: 56.855 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

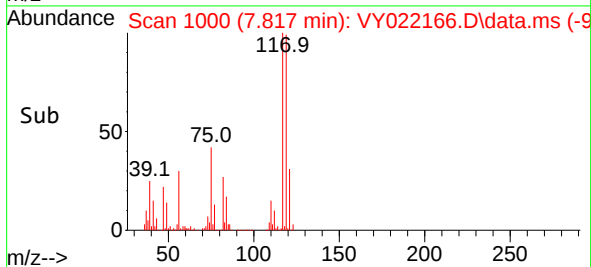
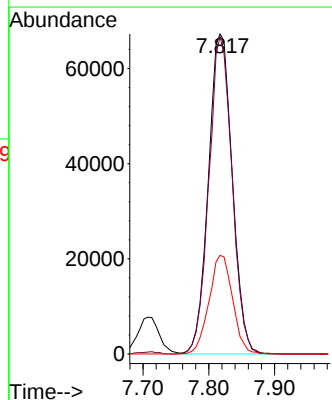
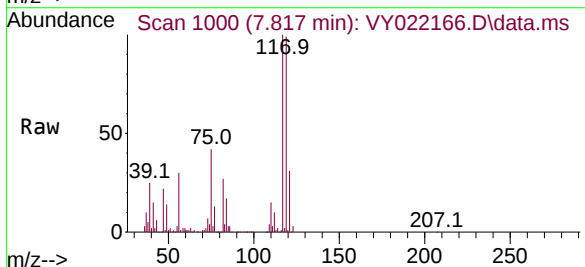
Tgt Ion: 117 Resp: 170289

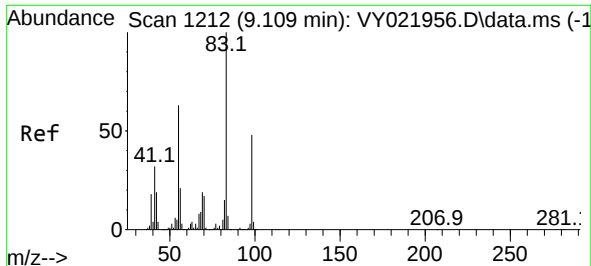
Ion Ratio Lower Upper

117 100

119 99.2 76.2 114.4

121 30.8 24.0 36.0





#39

Methylcyclohexane

Concen: 55.500 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MSD

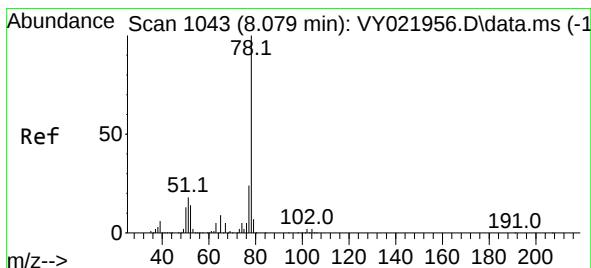
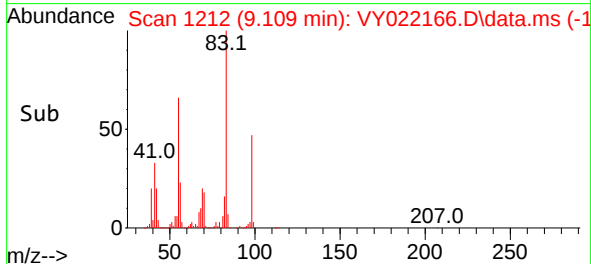
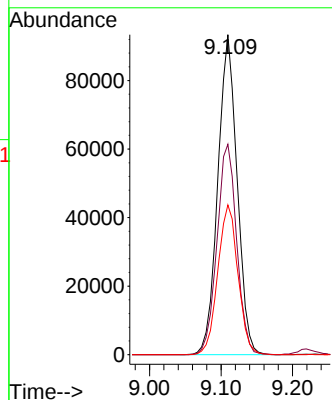
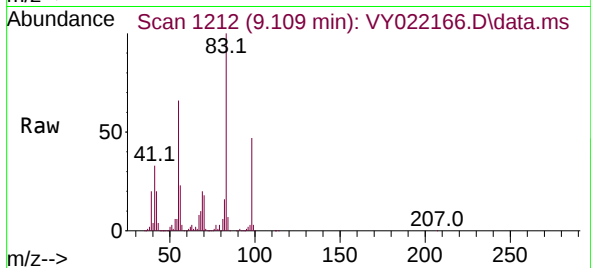
Tgt Ion: 83 Resp: 175064

Ion Ratio Lower Upper

83 100

55 65.7 50.6 75.8

98 46.8 38.6 58.0



#40

Benzene

Concen: 58.227 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022166.D

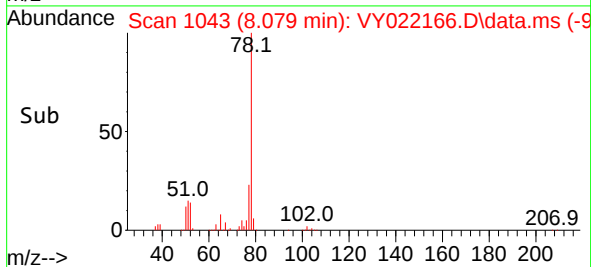
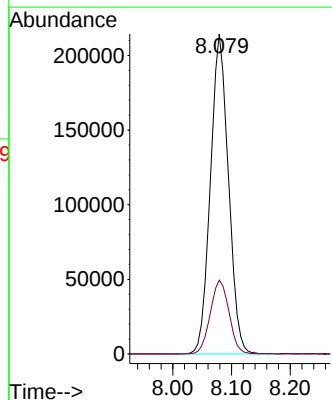
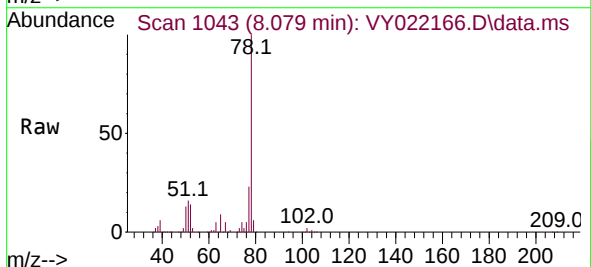
Acq: 05 May 2025 17:51

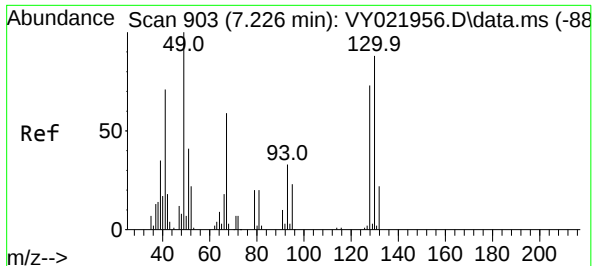
Tgt Ion: 78 Resp: 456229

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9

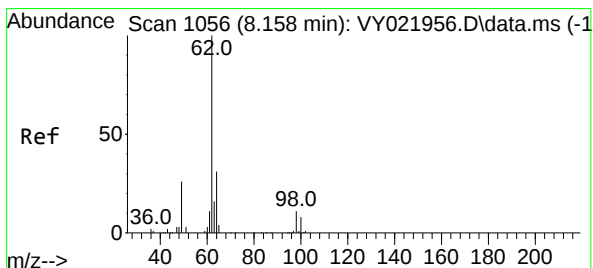
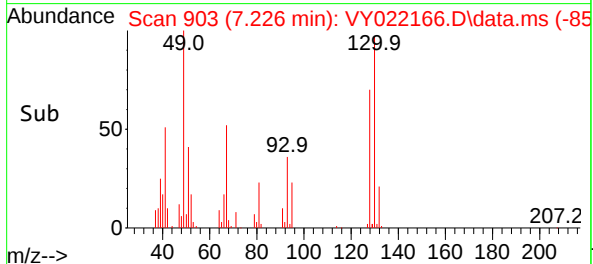
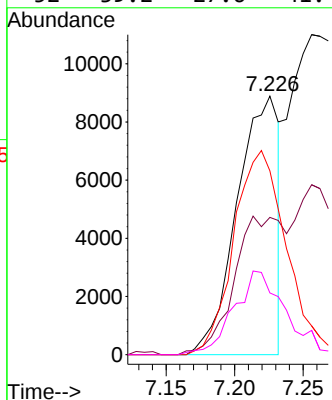
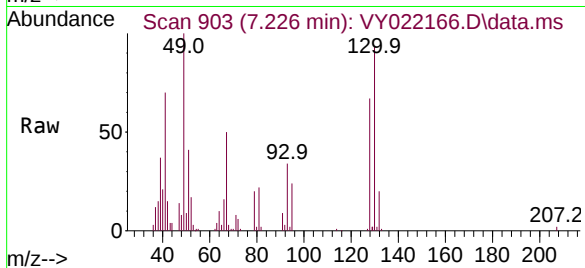




#41
Methacrylonitrile
Concen: 38.489 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

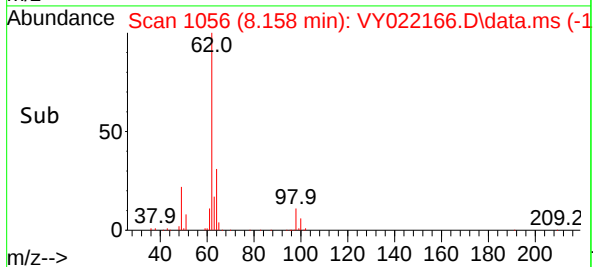
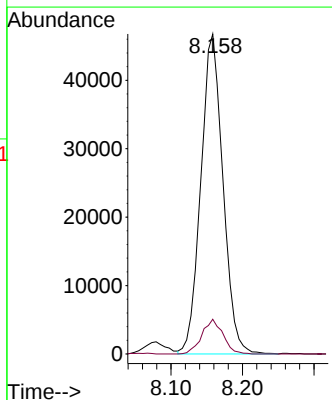
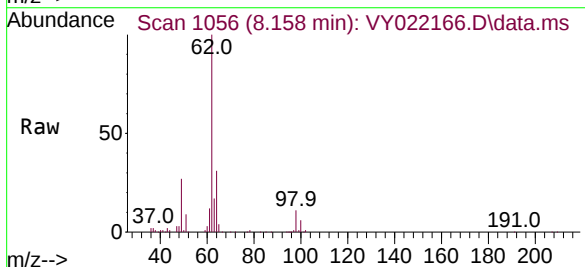
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

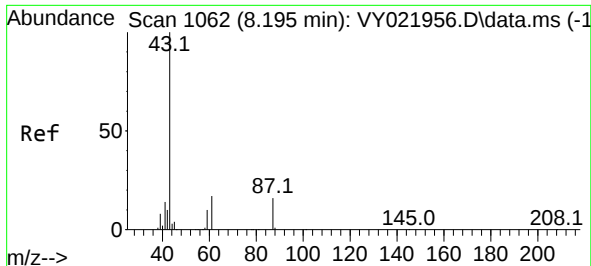
Tgt Ion:	41	Resp:	18941
Ion	Ratio	Lower	Upper
41	100		
39	64.8	36.6	55.0#
67	99.3	72.2	108.4
52	39.2	27.6	41.4



#42
1,2-Dichloroethane
Concen: 51.801 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion:	62	Resp:	100489
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0

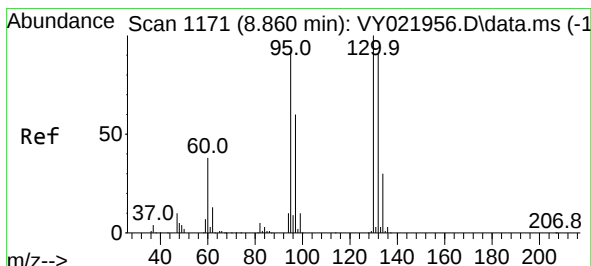
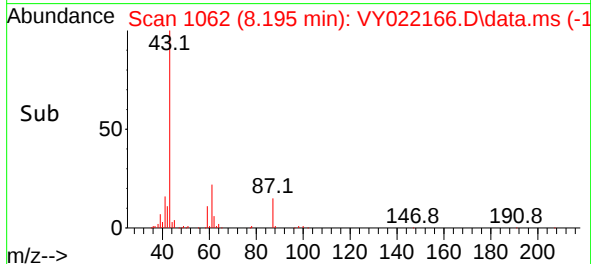
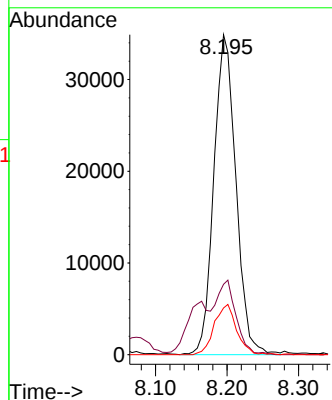
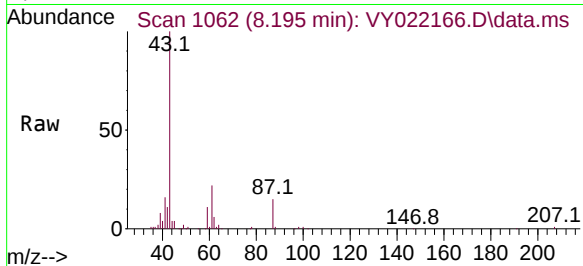




#43
Isopropyl Acetate
Concen: 43.308 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

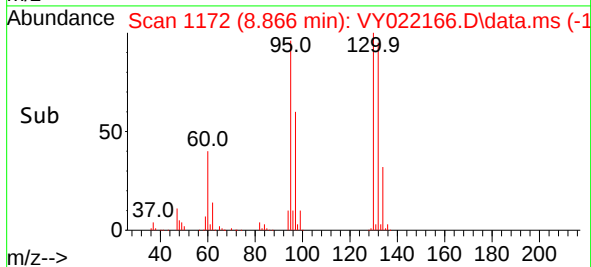
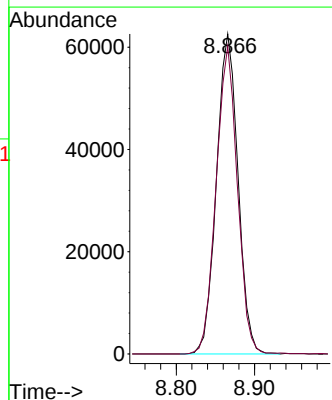
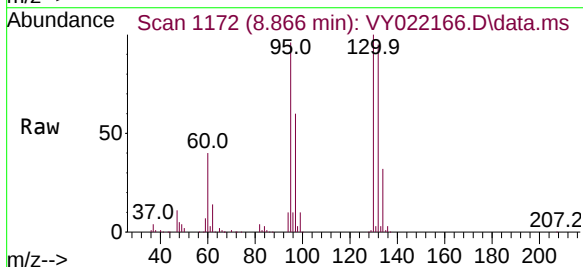
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

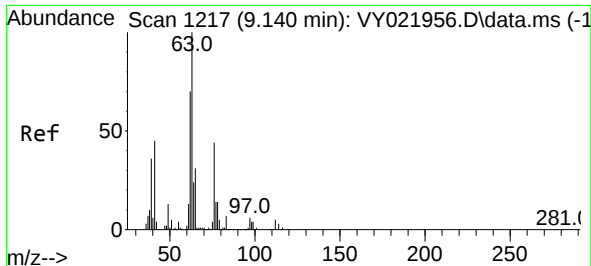
Tgt Ion: 43 Resp: 74871
Ion Ratio Lower Upper
43 100
61 21.0 18.9 28.3
87 15.9 13.7 20.5



#44
Trichloroethene
Concen: 55.094 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion:130 Resp: 119569
Ion Ratio Lower Upper
130 100
95 96.2 0.0 183.2





#45

1,2-Dichloropropane

Concen: 58.019 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

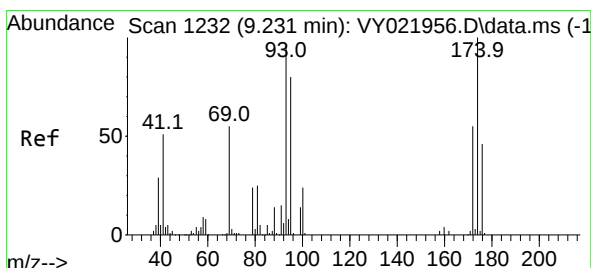
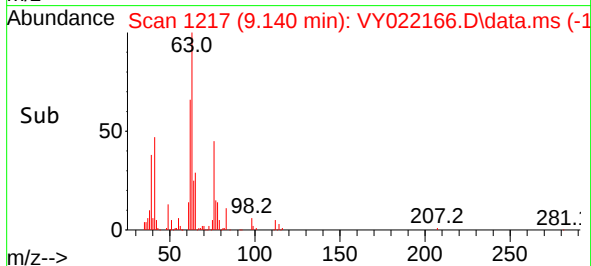
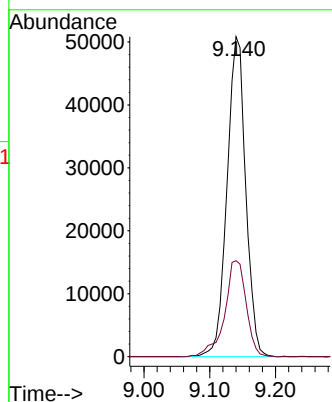
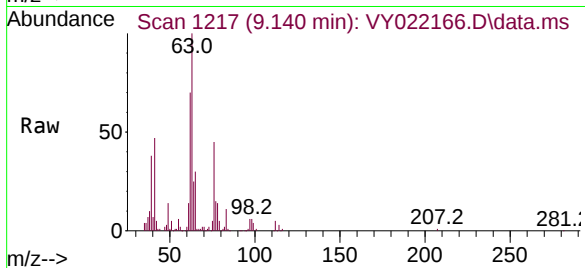
SB2-4-5MSD

Tgt Ion: 63 Resp: 100532

Ion Ratio Lower Upper

63 100

65 30.0 25.2 37.8



#46

Dibromomethane

Concen: 48.897 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

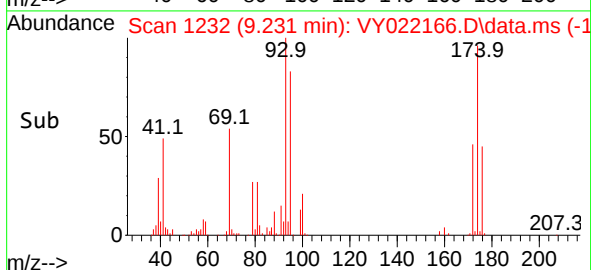
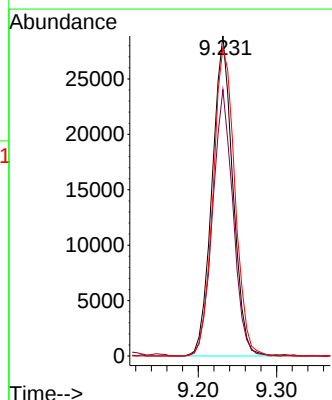
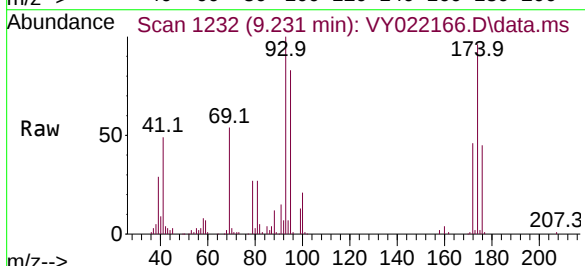
Tgt Ion: 93 Resp: 53037

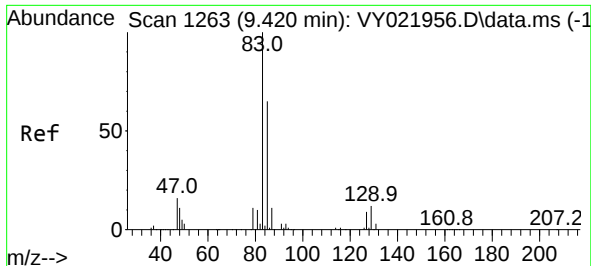
Ion Ratio Lower Upper

93 100

95 81.9 66.7 100.1

174 101.5 84.6 127.0

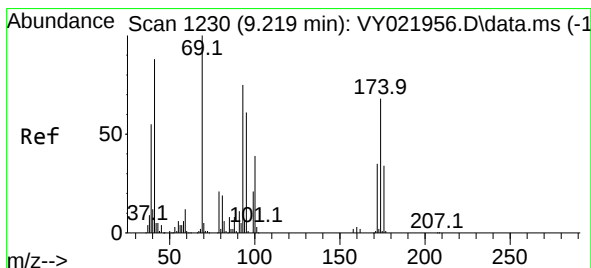
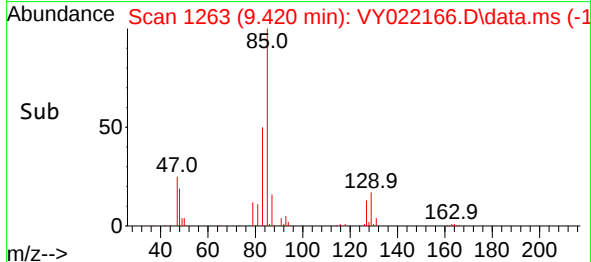
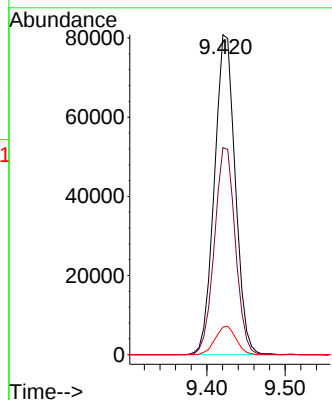
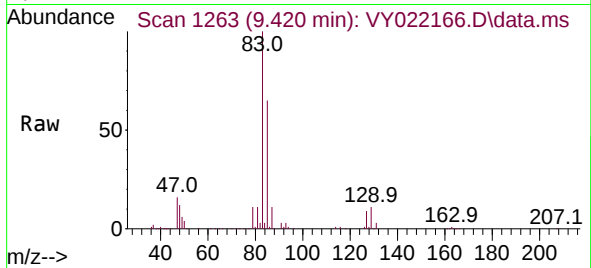




#47
Bromodichloromethane
Concen: 55.290 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

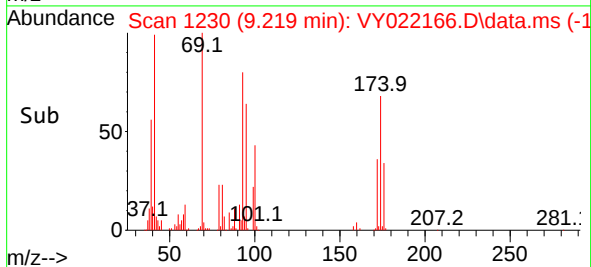
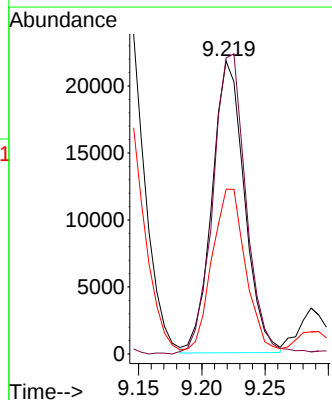
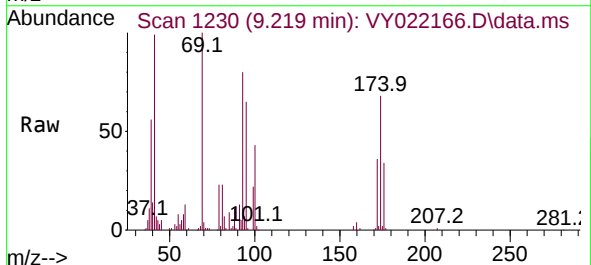
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

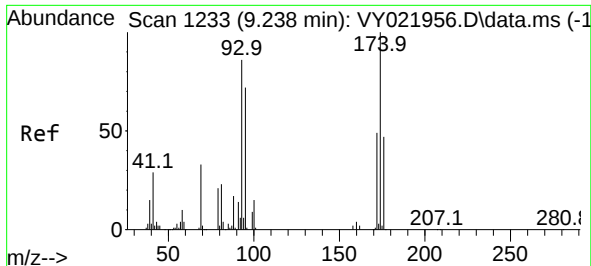
Tgt Ion: 83 Resp: 149820
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 48.554 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 41 Resp: 38804
Ion Ratio Lower Upper
41 100
69 104.2 85.5 128.3
39 56.4 46.2 69.4





#49

1,4-Dioxane

Concen: 725.118 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MSD

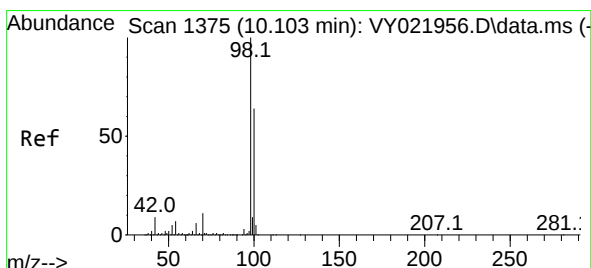
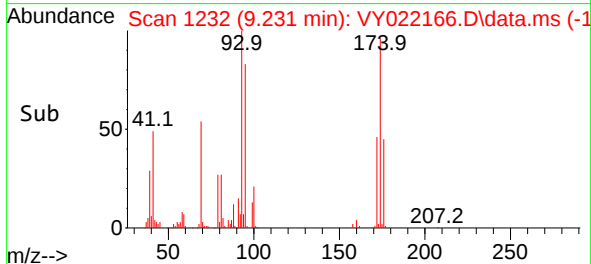
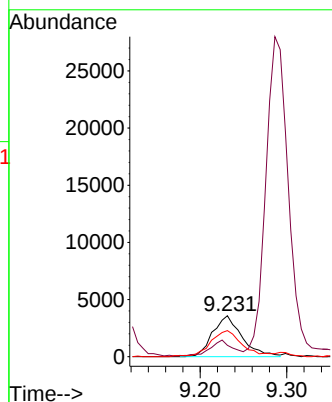
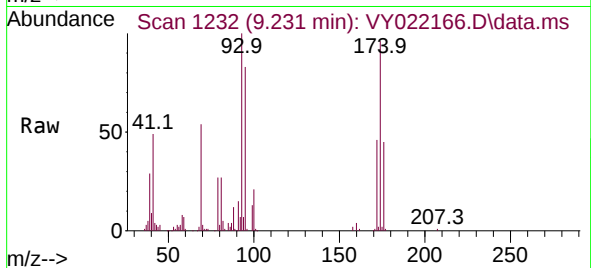
Tgt Ion: 88 Resp: 8383

Ion Ratio Lower Upper

88 100

43 29.6 21.3 31.9

58 69.0 50.5 75.7



#50

Toluene-d8

Concen: 58.803 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022166.D

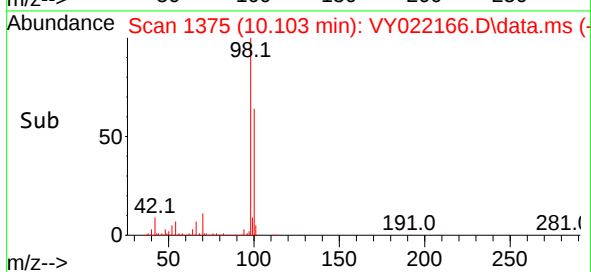
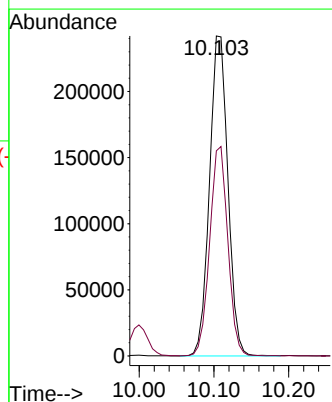
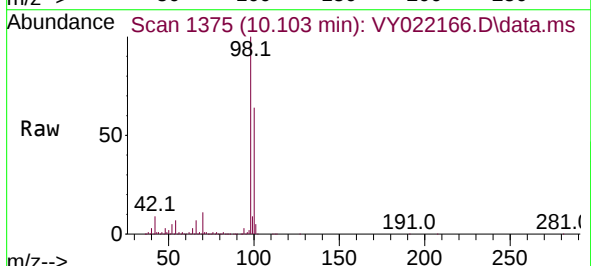
Acq: 05 May 2025 17:51

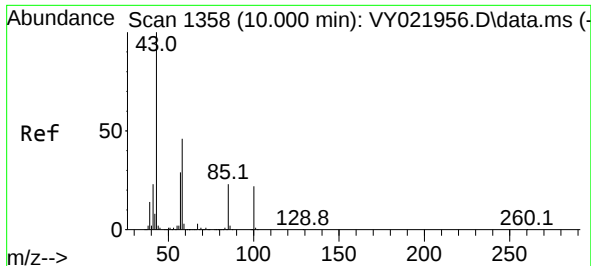
Tgt Ion: 98 Resp: 413665

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

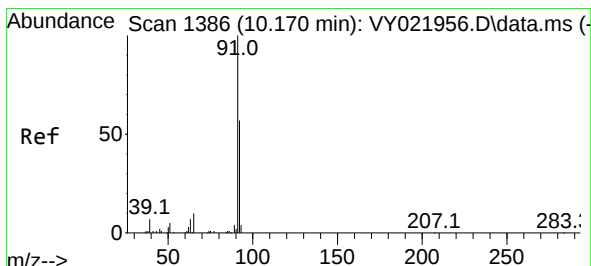
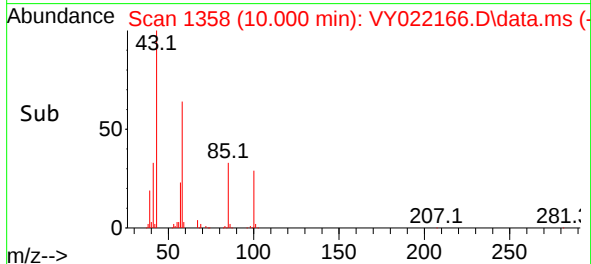
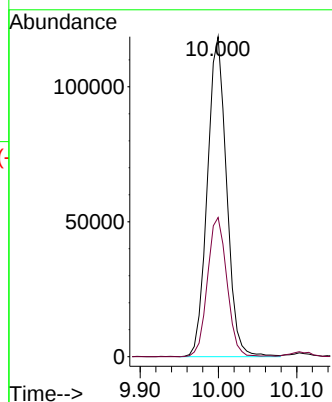
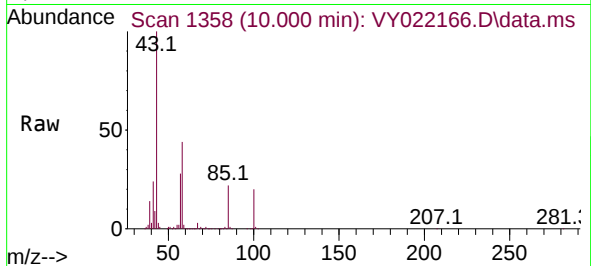




#51
4-Methyl-2-Pentanone
Concen: 223.173 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

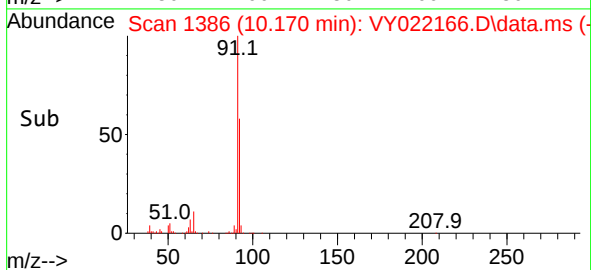
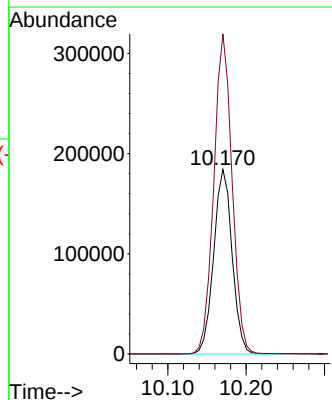
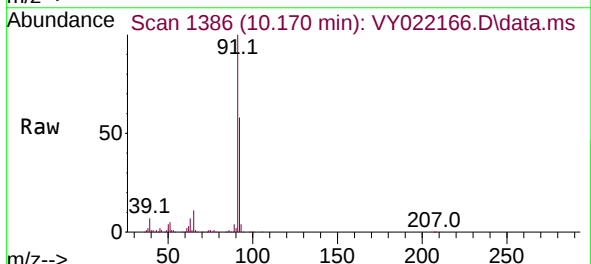
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

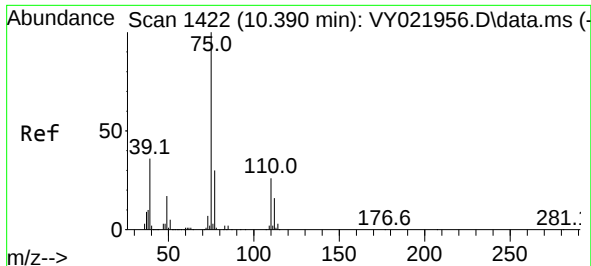
Tgt Ion: 43 Resp: 202252
Ion Ratio Lower Upper
43 100
58 44.0 36.6 55.0



#52
Toluene
Concen: 59.335 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 92 Resp: 300939
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8

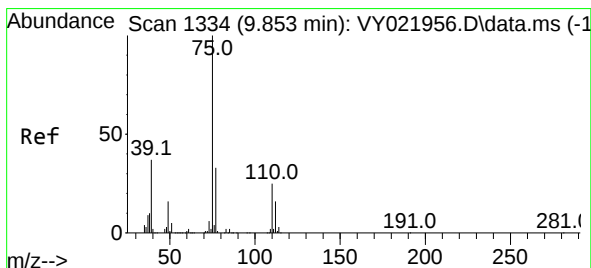
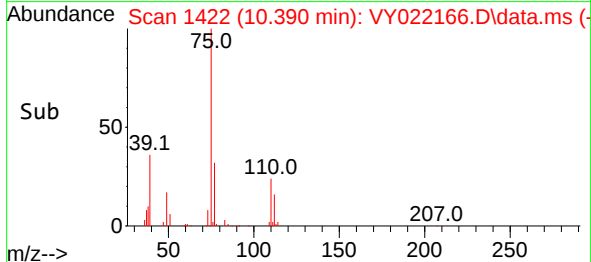
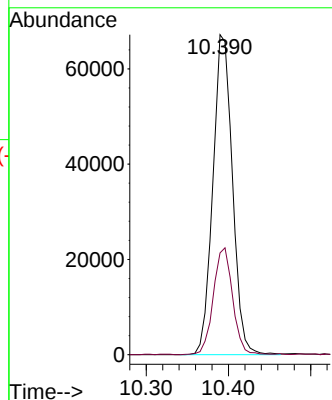
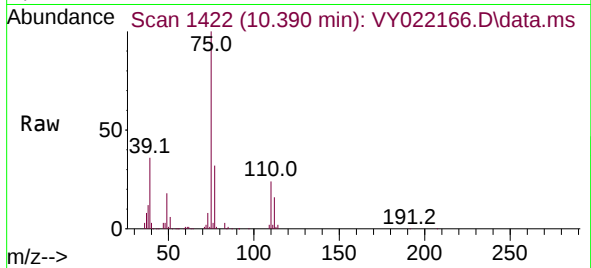




#53
 t-1,3-Dichloropropene
 Concen: 47.780 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

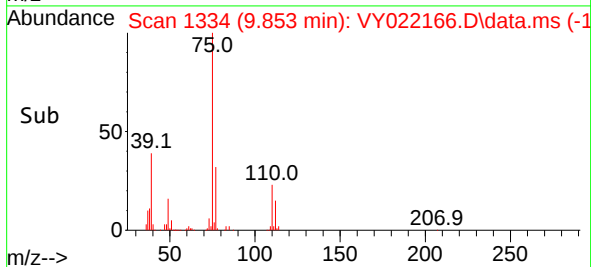
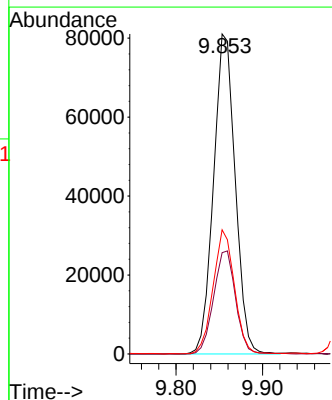
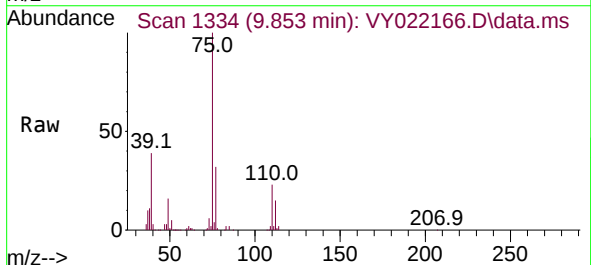
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MSD

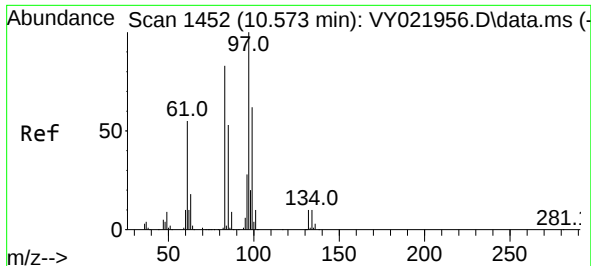
Tgt Ion: 75 Resp: 111052
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 51.037 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

Tgt Ion: 75 Resp: 141008
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.6 40.0
 39 38.7 29.6 44.4

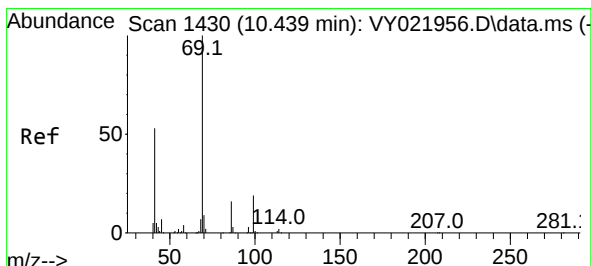
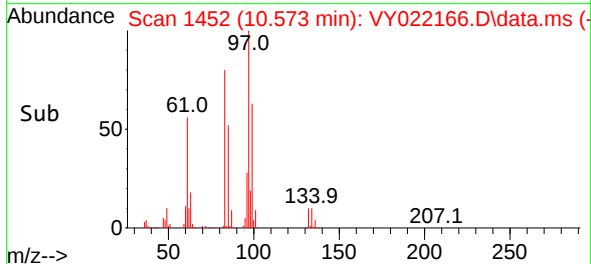
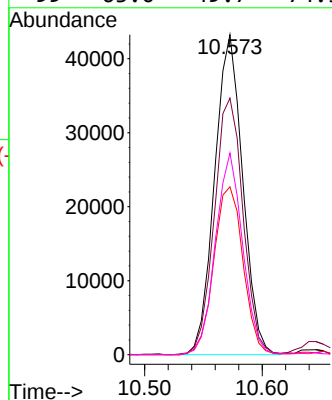
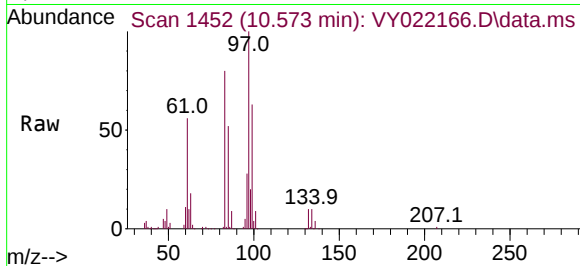




#55
1,1,2-Trichloroethane
Concen: 49.600 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

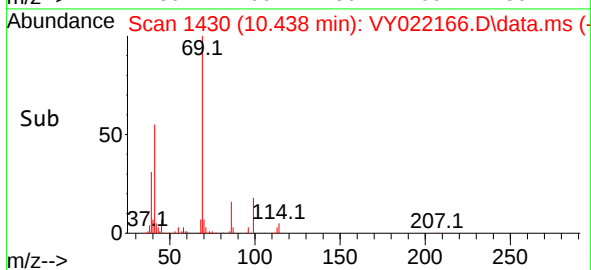
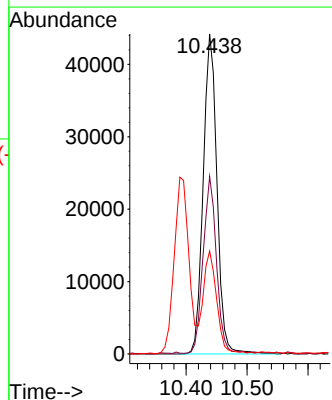
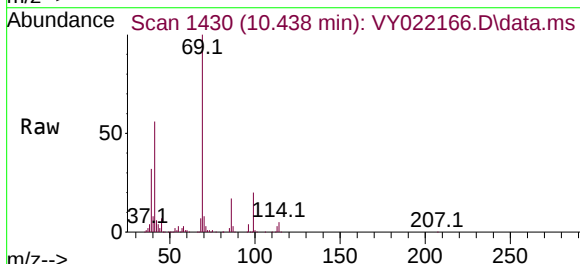
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

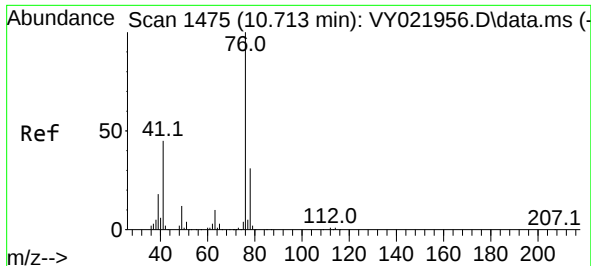
Tgt Ion:	97	Resp:	71864
Ion	Ratio	Lower	Upper
97	100		
83	79.9	66.7	100.1
85	52.5	42.6	64.0
99	63.0	49.7	74.5



#56
Ethyl methacrylate
Concen: 41.856 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion:	69	Resp:	69351
Ion	Ratio	Lower	Upper
69	100		
41	54.1	40.7	61.1
39	30.1	23.3	34.9





#57

1,3-Dichloropropane

Concen: 49.958 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

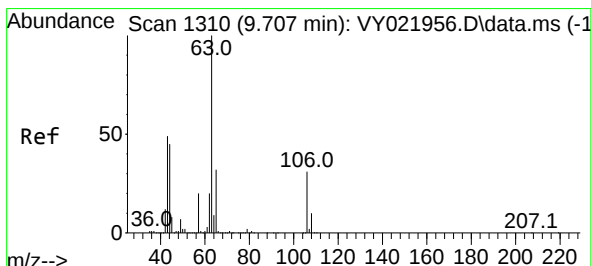
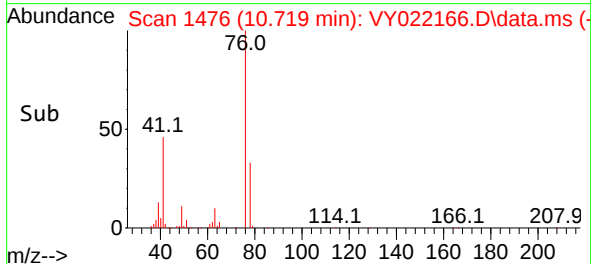
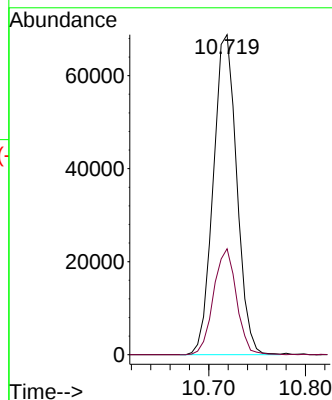
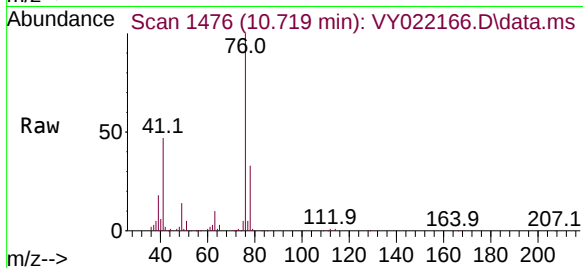
SB2-4-5MSD

Tgt Ion: 76 Resp: 116040

Ion Ratio Lower Upper

76 100

78 32.4 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 223.149 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022166.D

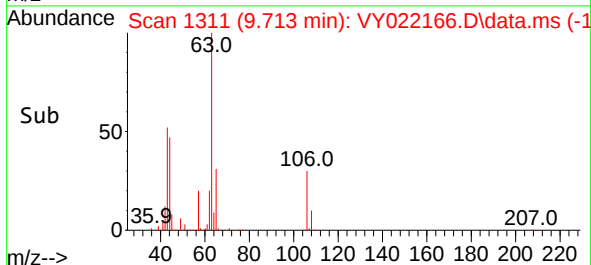
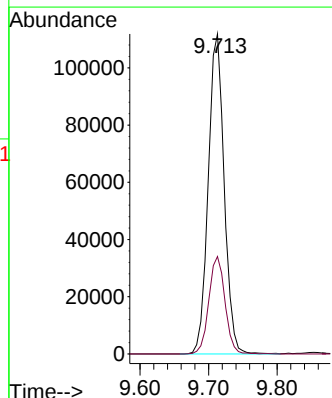
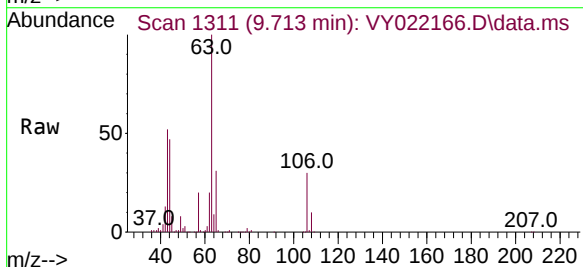
Acq: 05 May 2025 17:51

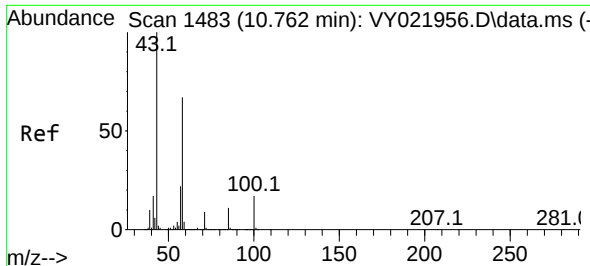
Tgt Ion: 63 Resp: 180773

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

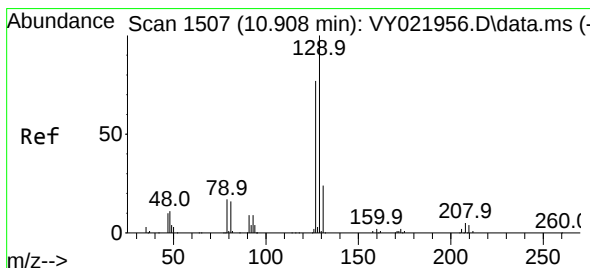
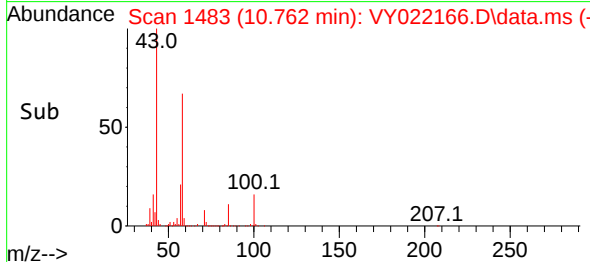
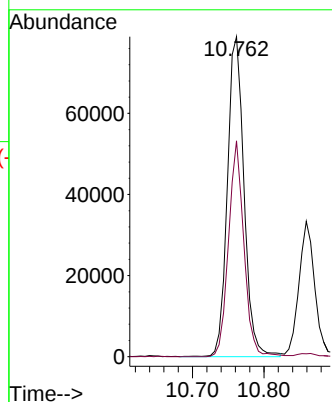
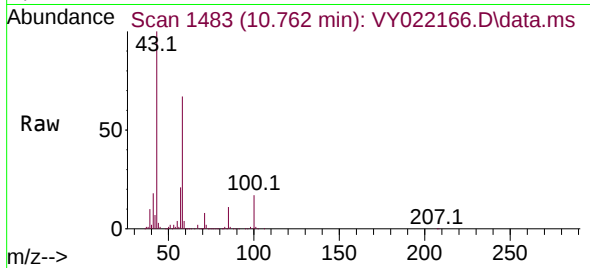




#59
2-Hexanone
Concen: 213.262 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

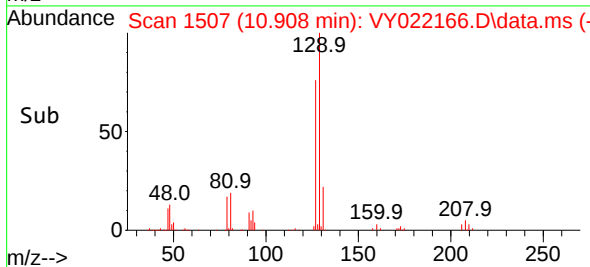
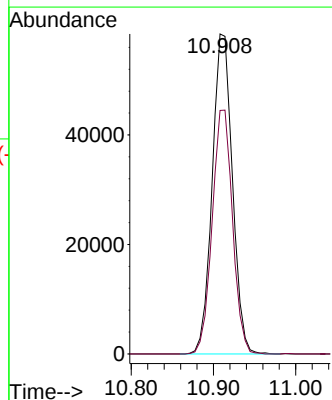
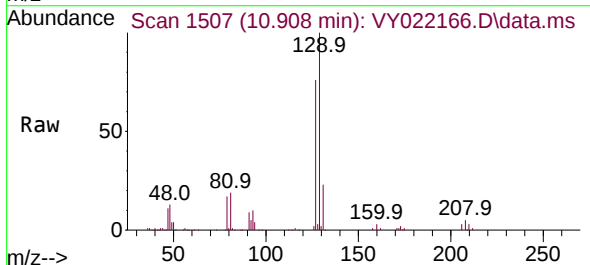
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

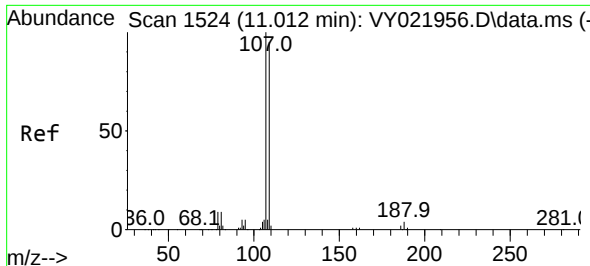
Tgt Ion: 43 Resp: 127478
Ion Ratio Lower Upper
43 100
58 62.2 32.0 96.0



#60
Dibromochloromethane
Concen: 49.691 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 129 Resp: 99678
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3

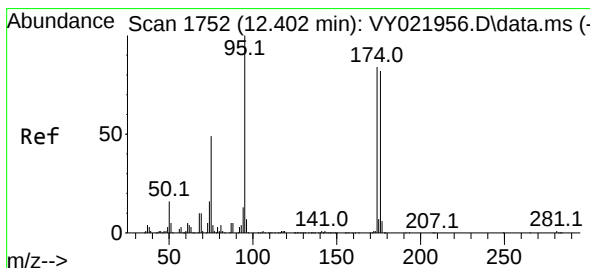
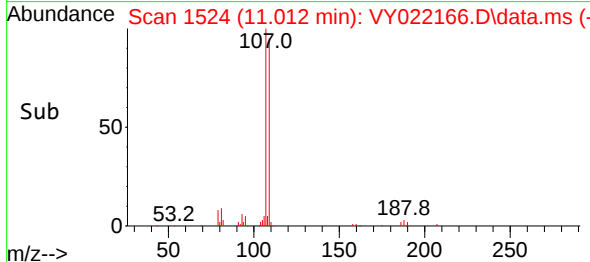
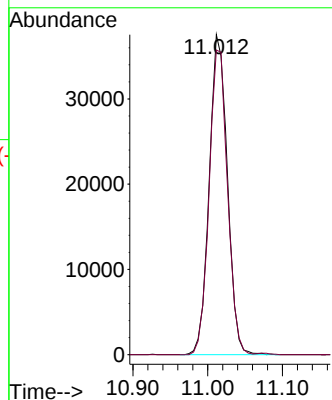
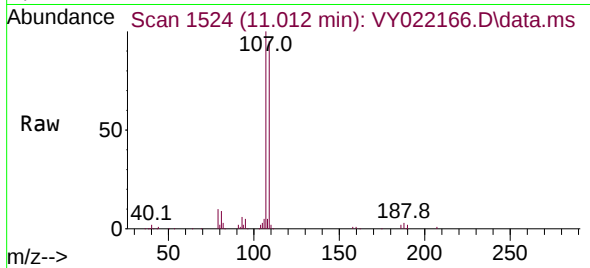




#61
1,2-Dibromoethane
Concen: 46.372 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

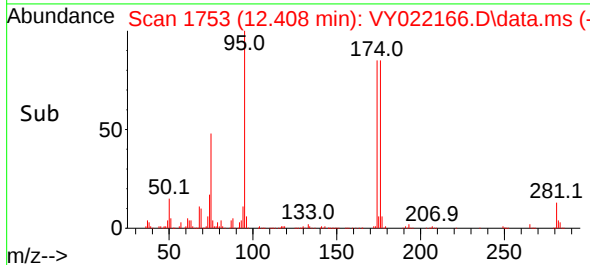
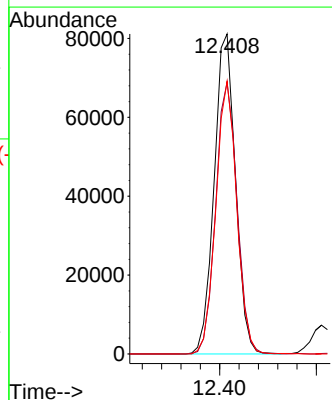
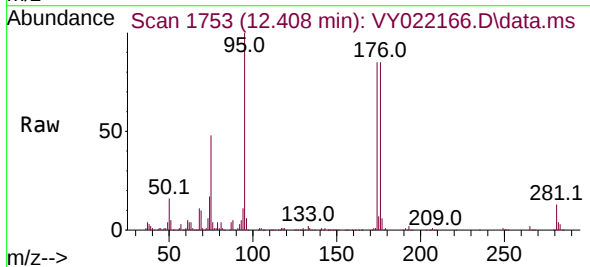
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

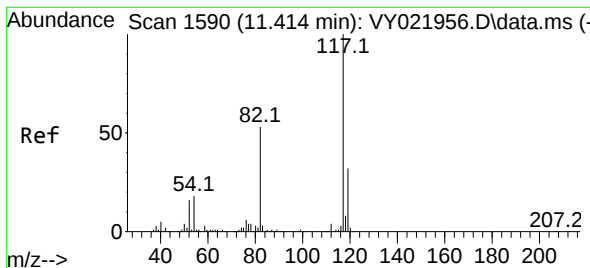
Tgt Ion:107 Resp: 63429
Ion Ratio Lower Upper
107 100
109 96.4 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.506 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 95 Resp: 124343
Ion Ratio Lower Upper
95 100
174 84.8 0.0 179.0
176 83.1 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MSD

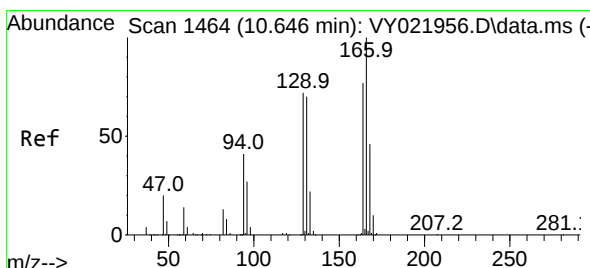
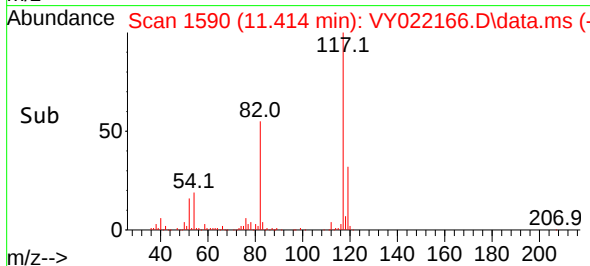
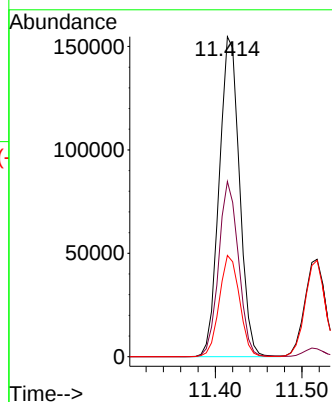
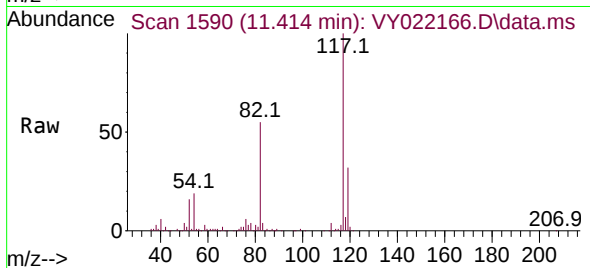
Tgt Ion:117 Resp: 251760

Ion Ratio Lower Upper

117 100

82 54.8 42.1 63.1

119 31.6 25.7 38.5



#64

Tetrachloroethene

Concen: 56.809 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Tgt Ion:164 Resp: 134923

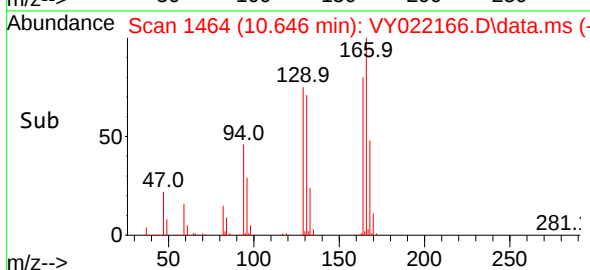
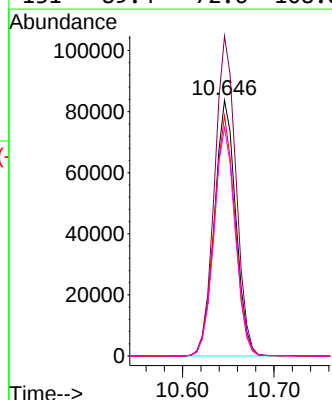
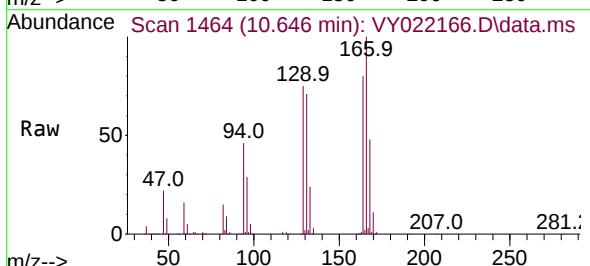
Ion Ratio Lower Upper

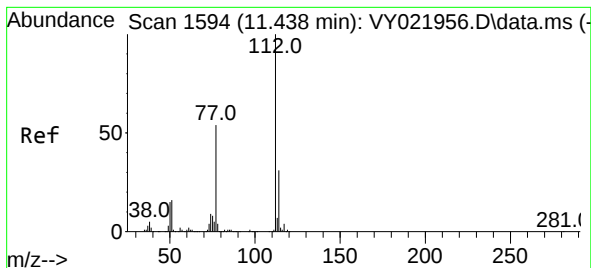
164 100

166 125.2 103.6 155.4

129 94.0 74.2 111.4

131 89.4 72.6 108.8





#65

Chlorobenzene

Concen: 55.092 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

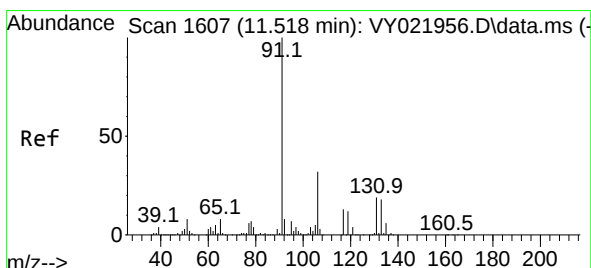
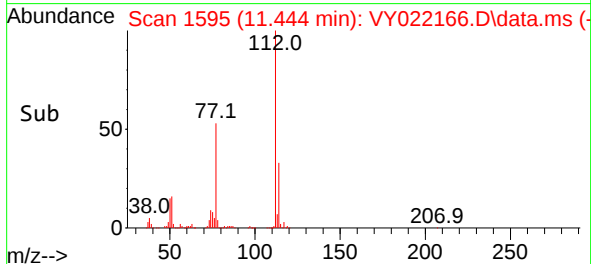
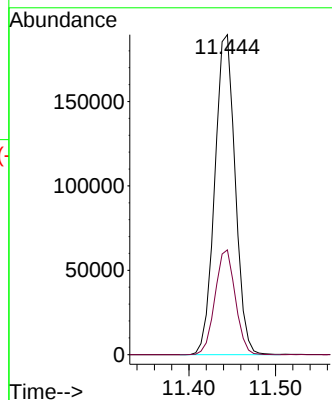
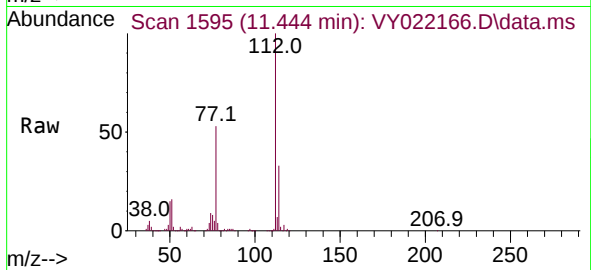
SB2-4-5MSD

Tgt Ion:112 Resp: 310166

Ion Ratio Lower Upper

112 100

114 32.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 57.336 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

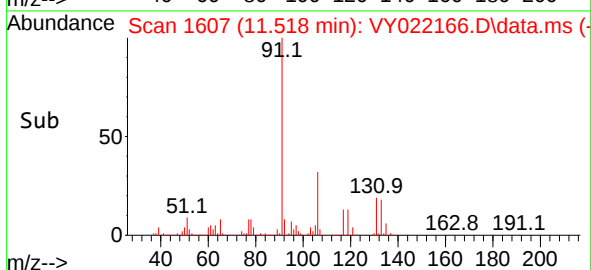
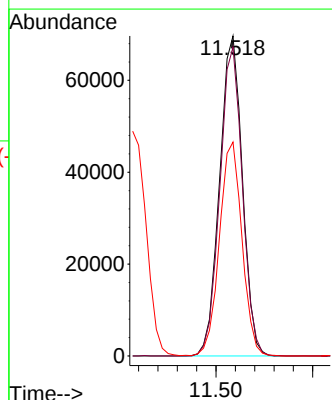
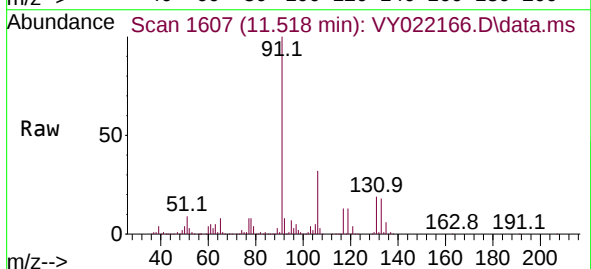
Tgt Ion:131 Resp: 113644

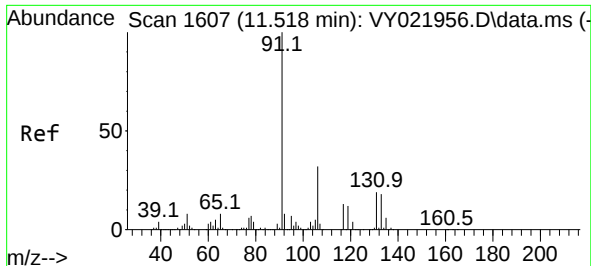
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 66.4 32.4 97.0

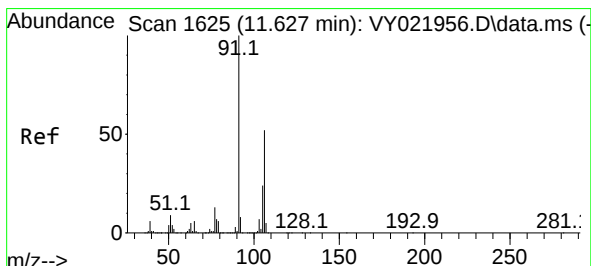
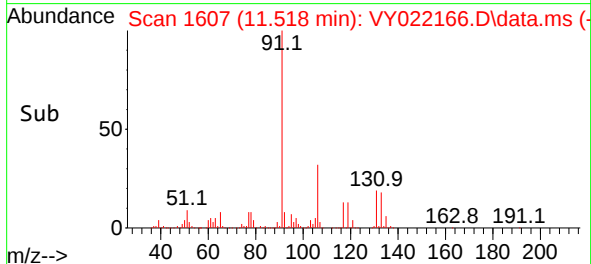
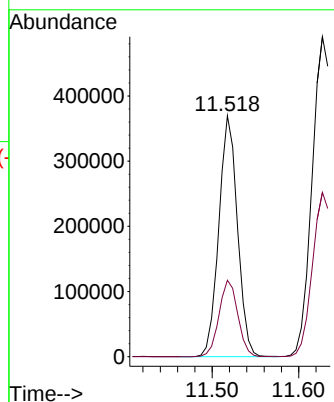
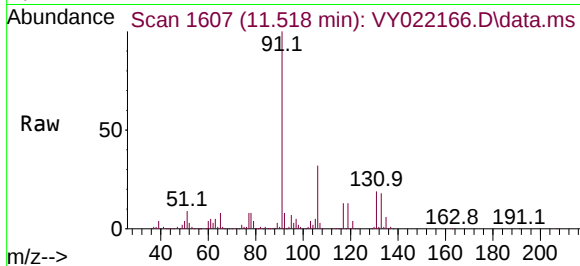




#67
Ethyl Benzene
Concen: 59.899 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

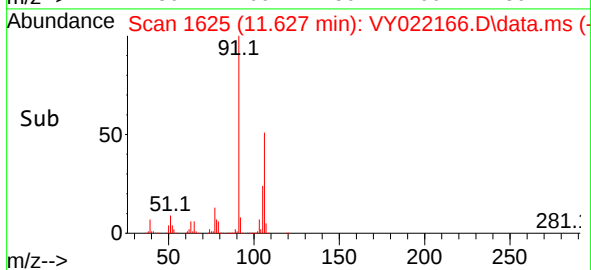
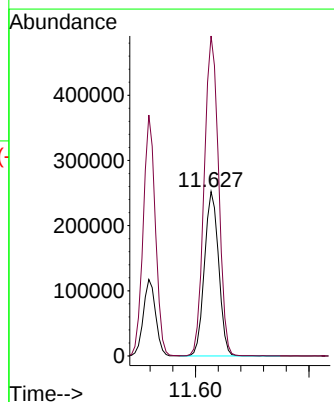
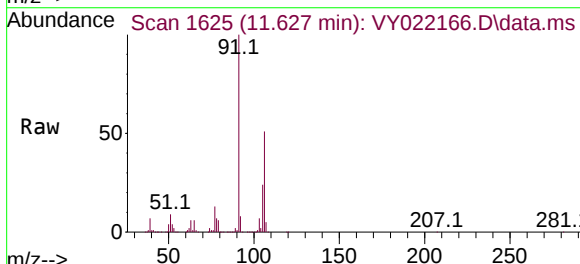
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

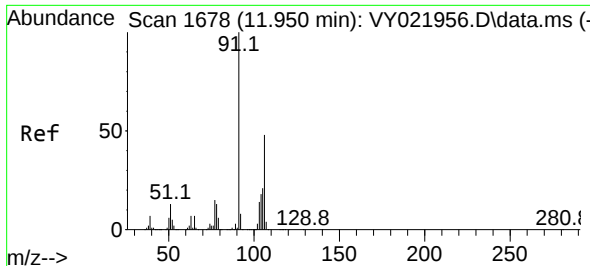
Tgt Ion: 91 Resp: 551660
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 119.515 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 106 Resp: 437997
Ion Ratio Lower Upper
106 100
91 196.9 156.2 234.2

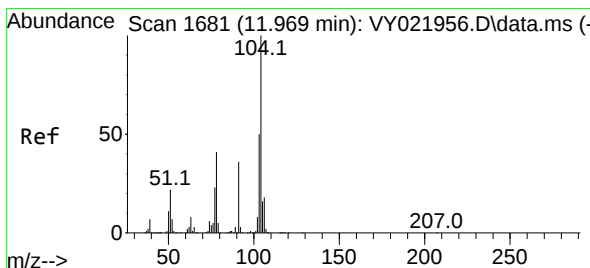
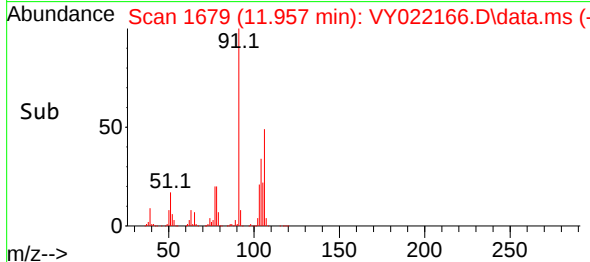
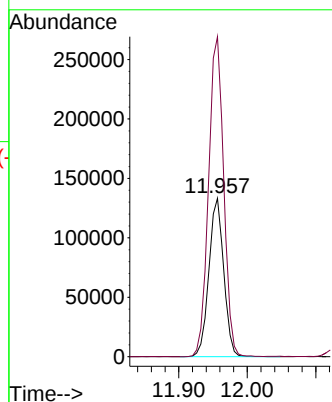
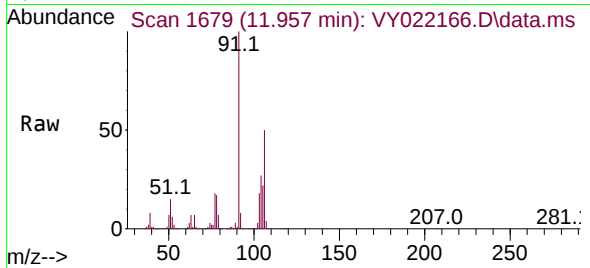




#69
o-Xylene
Concen: 59.278 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

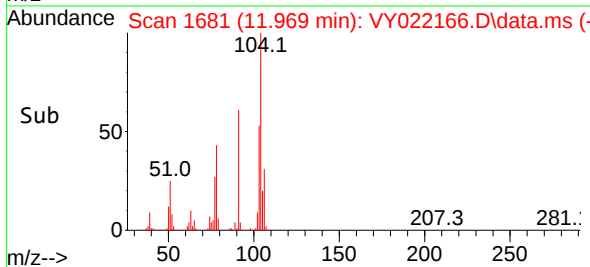
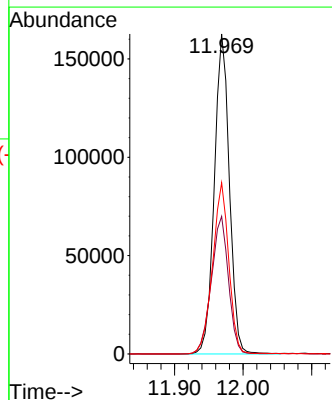
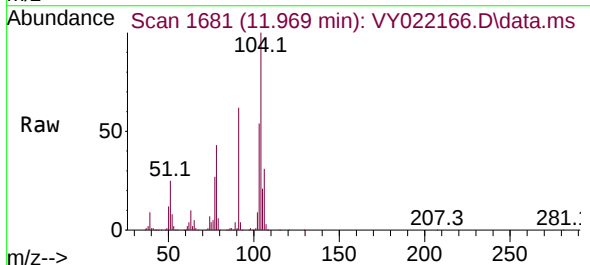
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

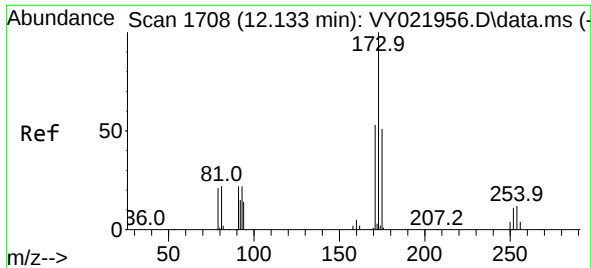
Tgt Ion:106 Resp: 200228
Ion Ratio Lower Upper
106 100
91 206.9 103.0 308.9



#70
Styrene
Concen: 43.851 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion:104 Resp: 248695
Ion Ratio Lower Upper
104 100
78 48.8 36.6 54.8
103 57.4 43.8 65.8

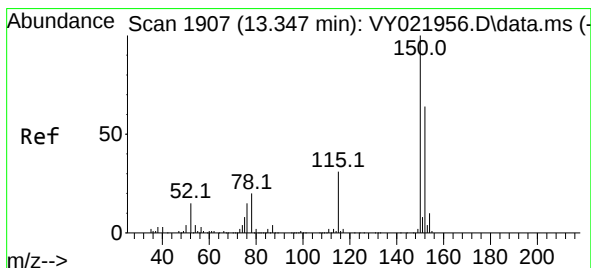
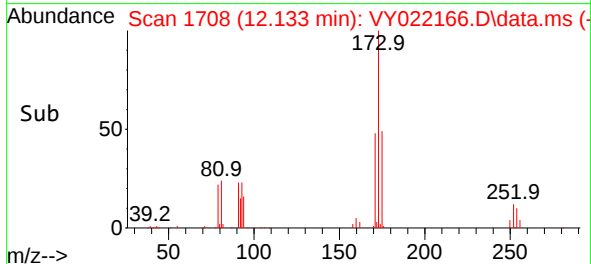
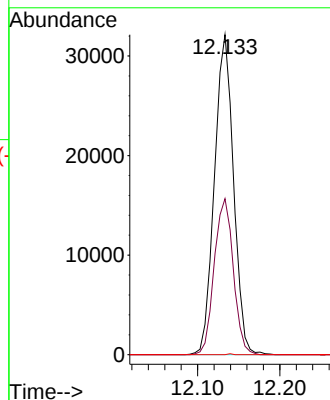
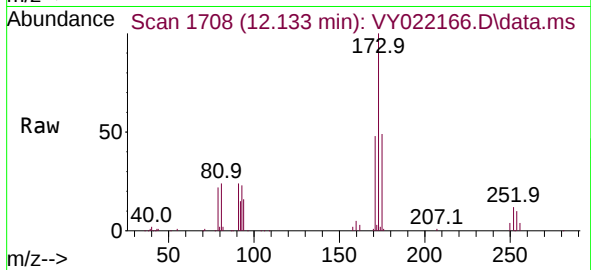




#71
Bromoform
Concen: 44.992 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

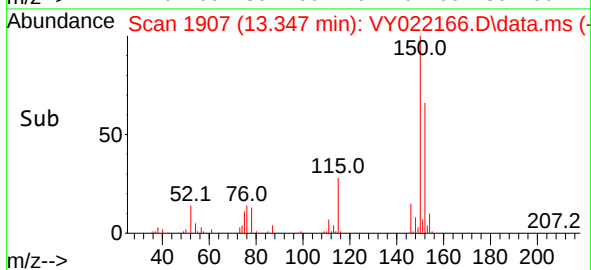
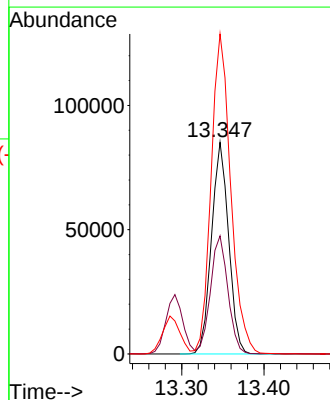
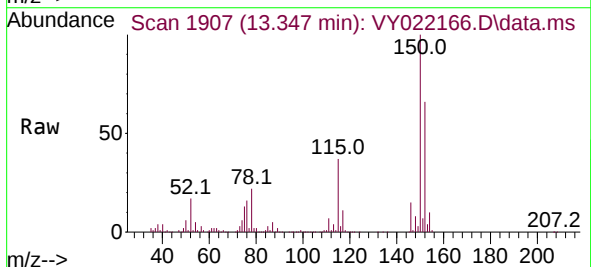
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

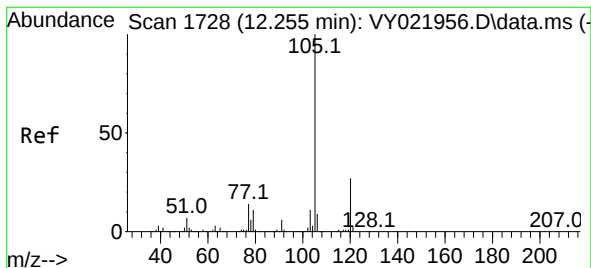
Tgt Ion:173 Resp: 51847
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion:152 Resp: 123121
Ion Ratio Lower Upper
152 100
115 56.6 28.0 84.0
150 173.8 0.0 345.6





#73

Isopropylbenzene

Concen: 63.415 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

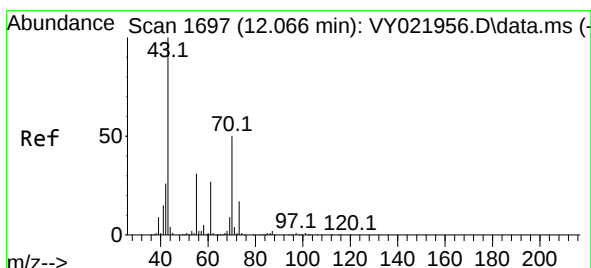
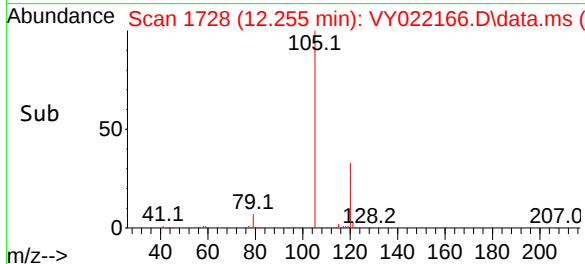
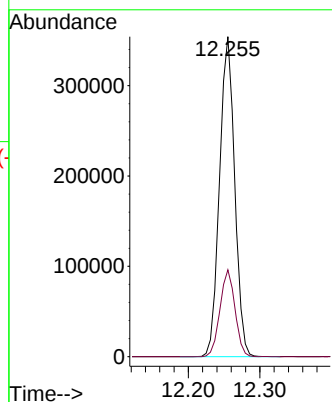
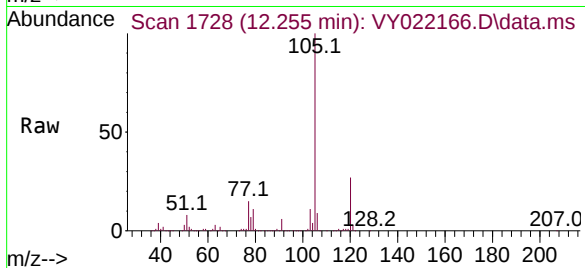
SB2-4-5MSD

Tgt Ion:105 Resp: 521638

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5



#74

N-ethyl acetate

Concen: 35.852 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Tgt Ion: 43 Resp: 50669

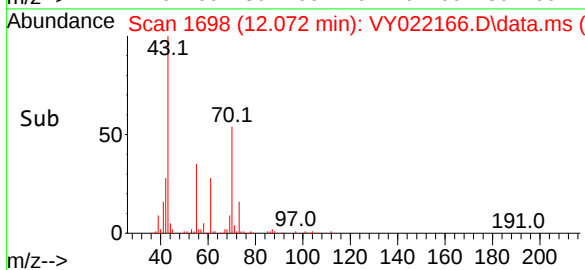
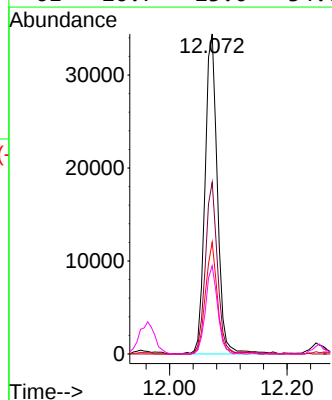
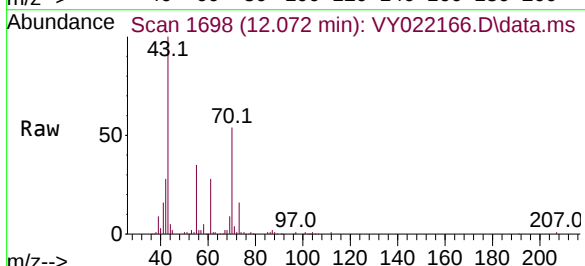
Ion Ratio Lower Upper

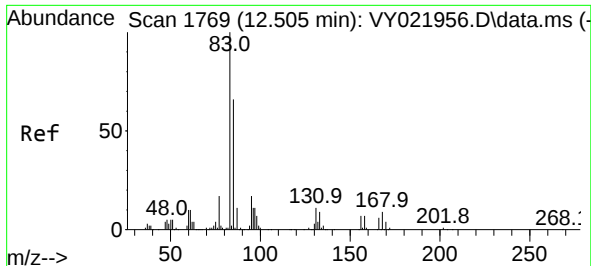
43 100

70 51.8 43.2 64.8

55 33.2 25.7 38.5

61 26.7 23.0 34.6

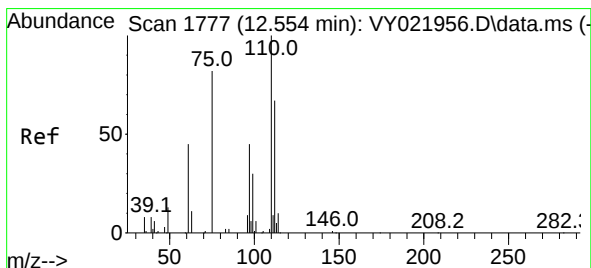
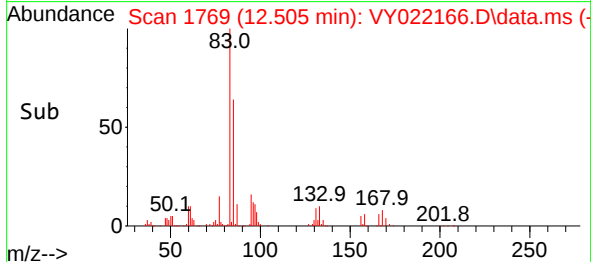
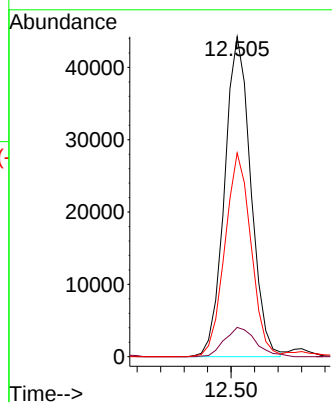
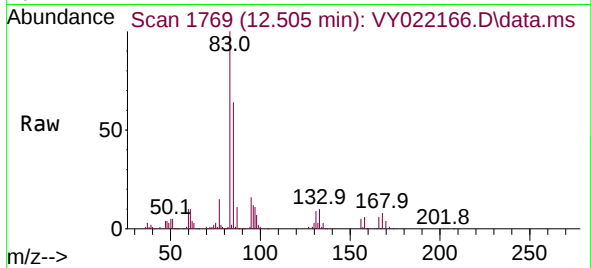




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.391 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

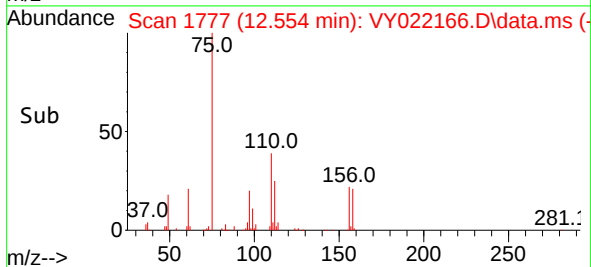
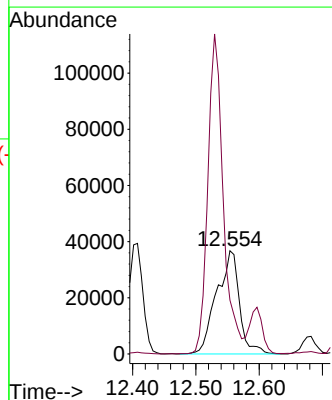
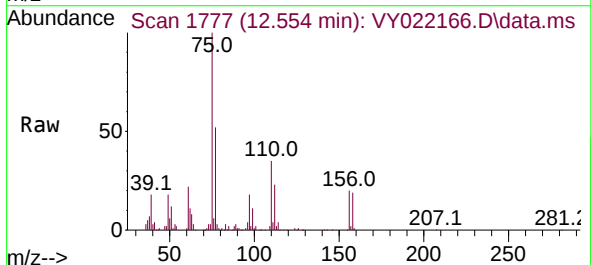
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MSD

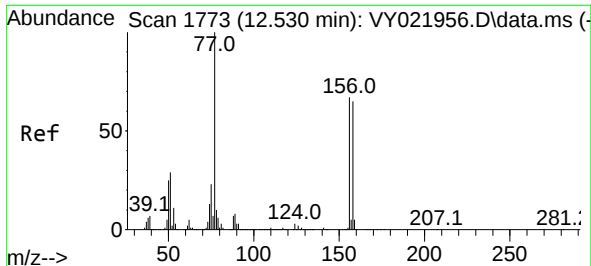
Tgt Ion: 83 Resp: 68497
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.5 16.4
 85 63.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 87.008 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

Tgt Ion: 75 Resp: 91758
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

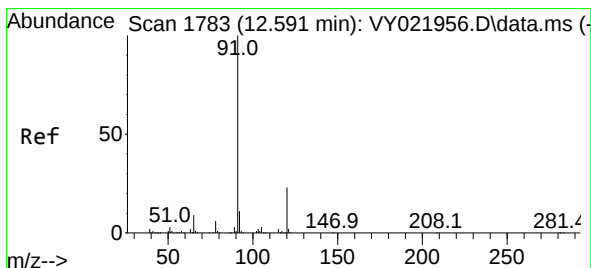
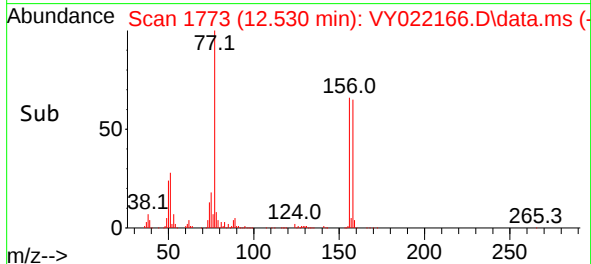
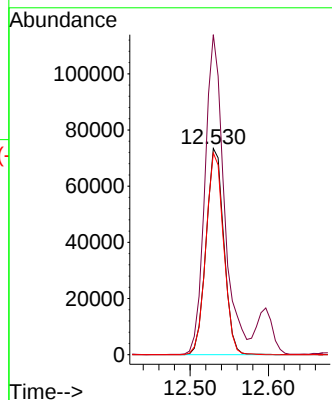
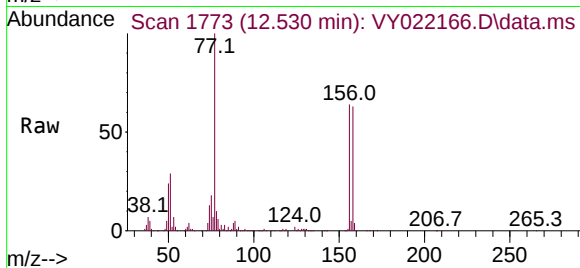




#77
Bromobenzene
Concen: 55.318 ug/l
RT: 12.530 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

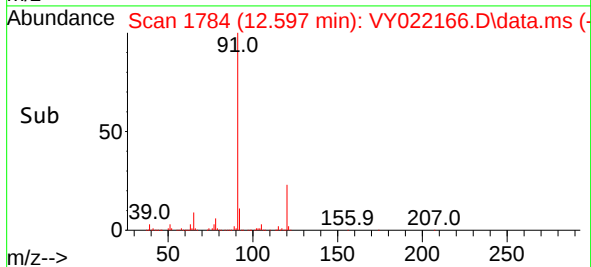
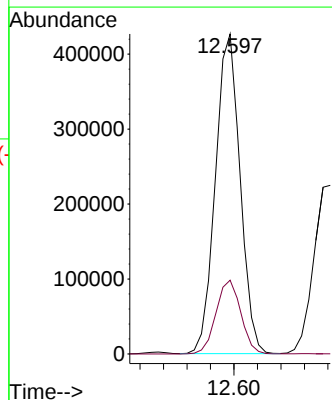
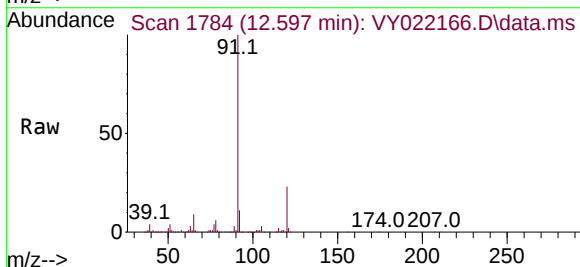
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

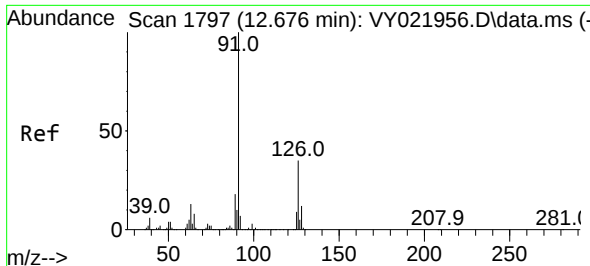
Tgt Ion:156 Resp: 114981
Ion Ratio Lower Upper
156 100
77 168.2 82.7 248.1
158 97.9 48.1 144.4



#78
n-propylbenzene
Concen: 63.552 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 91 Resp: 622550
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5





#79

2-Chlorotoluene

Concen: 61.984 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

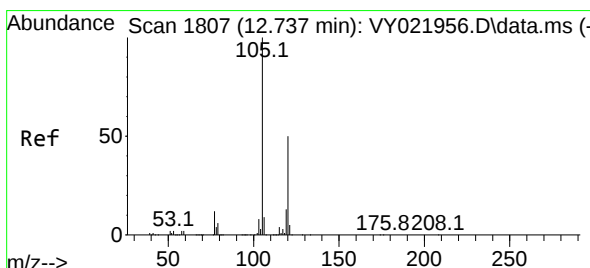
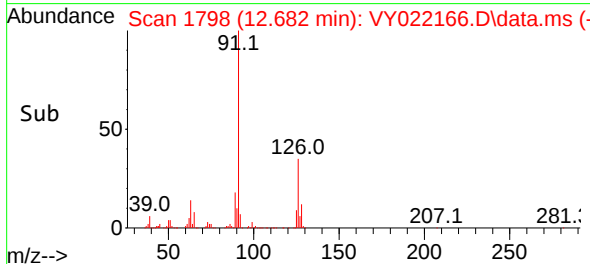
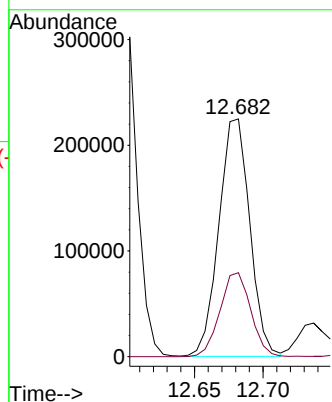
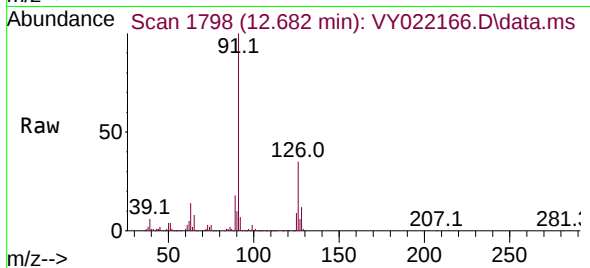
SB2-4-5MSD

Tgt Ion: 91 Resp: 353120

Ion Ratio Lower Upper

91 100

126 35.2 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 62.374 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022166.D

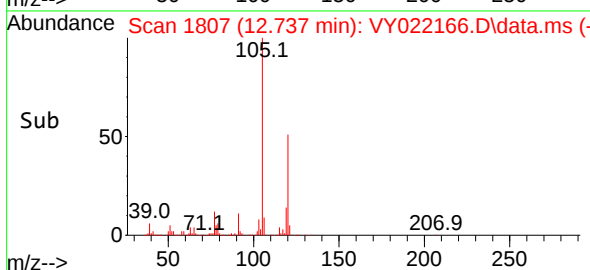
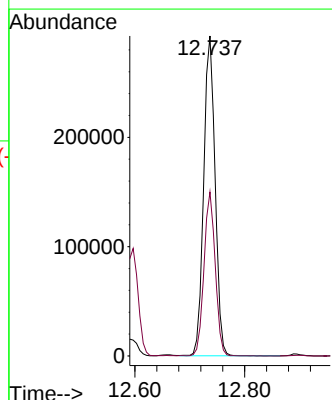
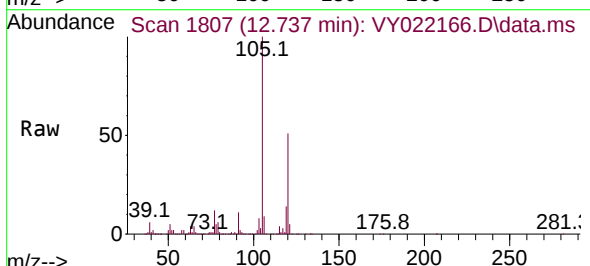
Acq: 05 May 2025 17:51

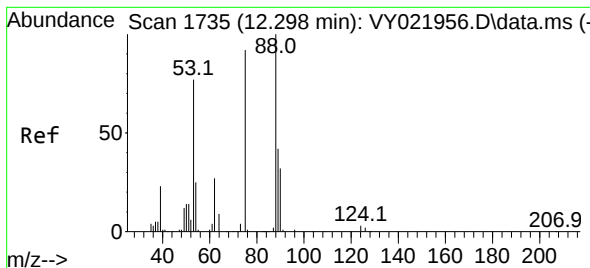
Tgt Ion: 105 Resp: 422747

Ion Ratio Lower Upper

105 100

120 50.5 25.0 75.0

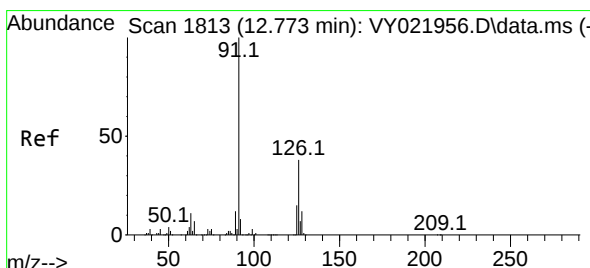
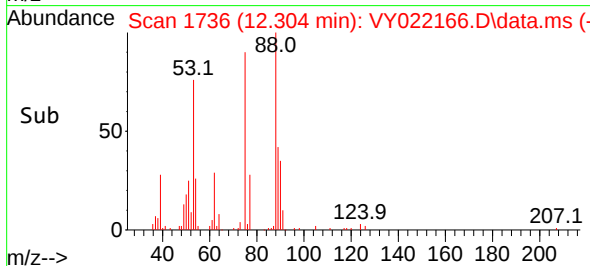
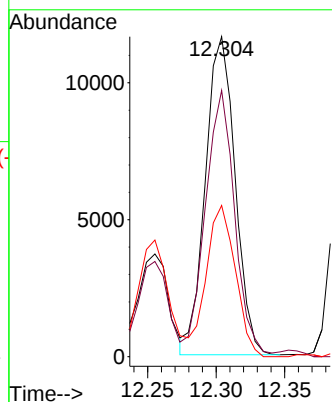
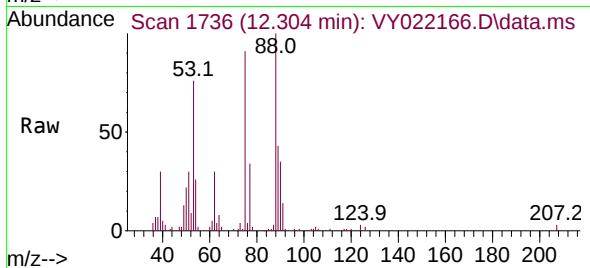




#81
trans-1,4-Dichloro-2-butene
Concen: 40.027 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

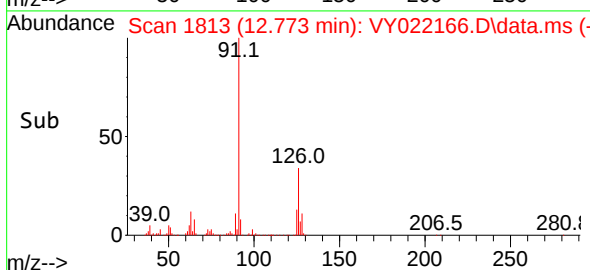
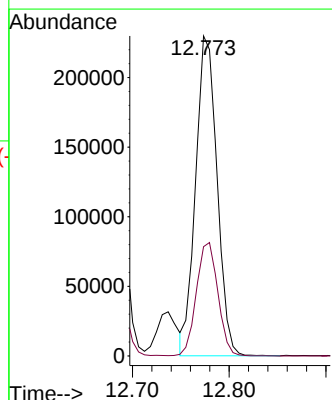
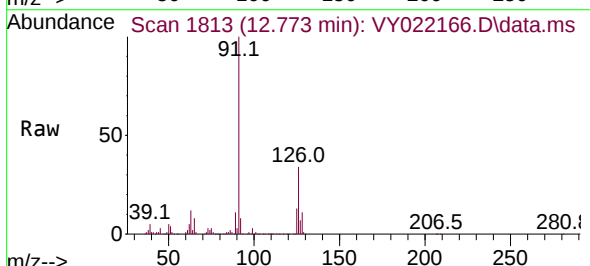
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

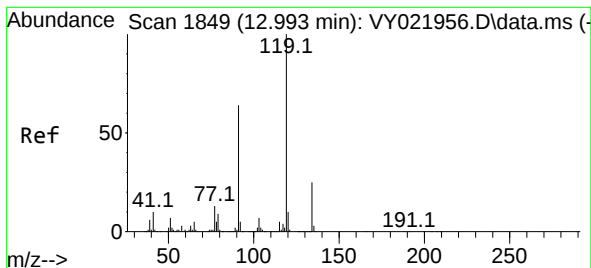
Tgt Ion: 75 Resp: 17529
Ion Ratio Lower Upper
75 100
53 80.7 66.0 99.0
89 46.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 59.703 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 91 Resp: 353572
Ion Ratio Lower Upper
91 100
126 35.8 17.9 53.8





#83

tert-Butylbenzene

Concen: 62.718 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MSD

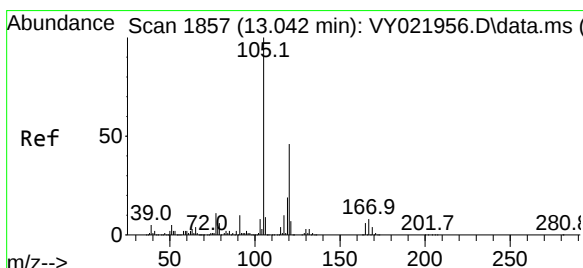
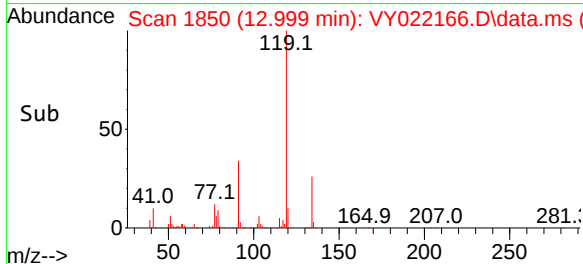
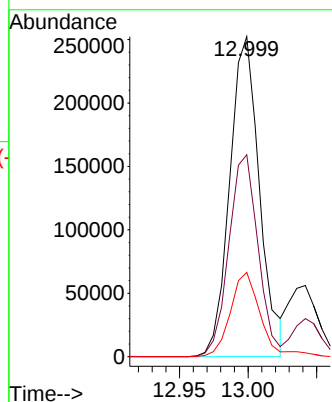
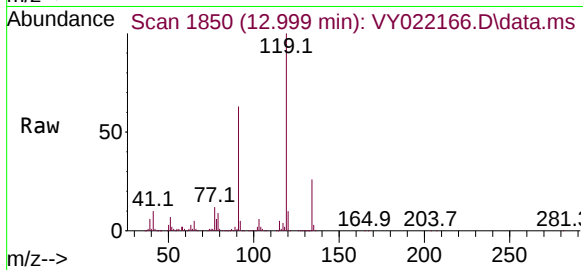
Tgt Ion:119 Resp: 381232

Ion Ratio Lower Upper

119 100

91 62.0 30.3 90.9

134 26.7 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 60.794 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022166.D

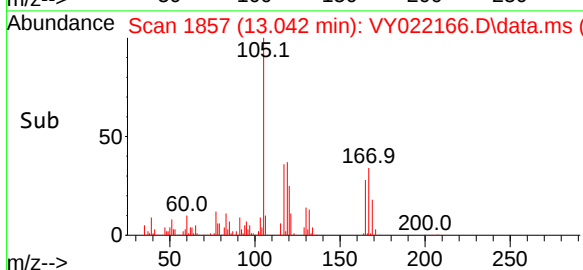
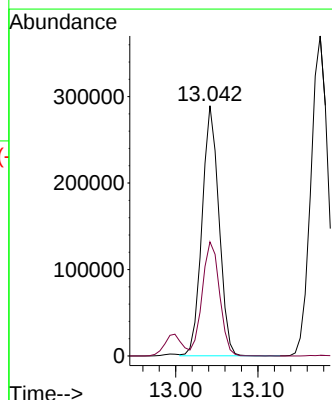
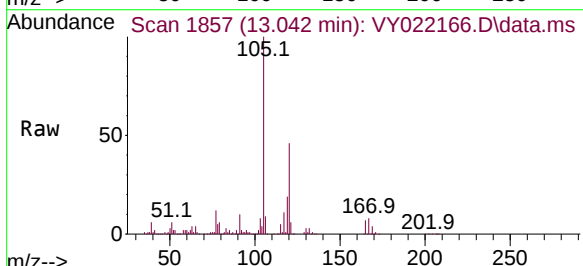
Acq: 05 May 2025 17:51

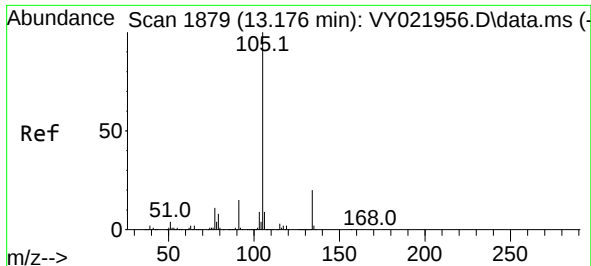
Tgt Ion:105 Resp: 412129

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.0

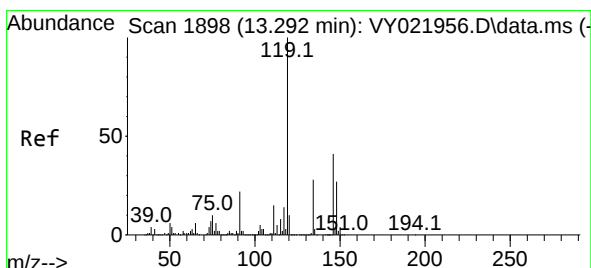
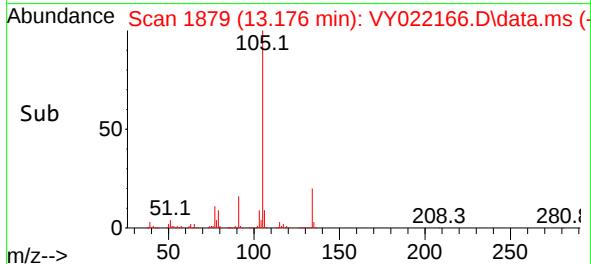
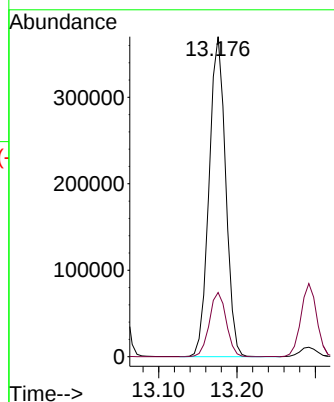
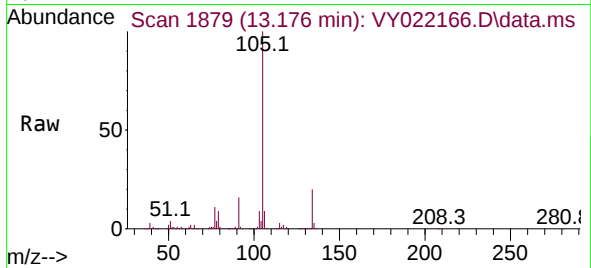




#85
 sec-Butylbenzene
 Concen: 60.934 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

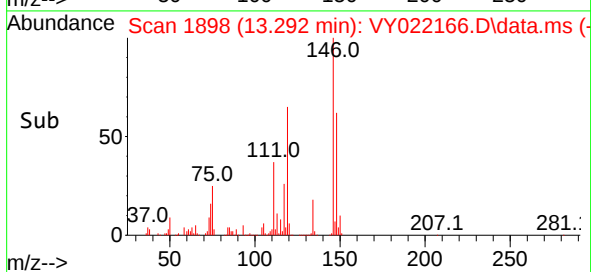
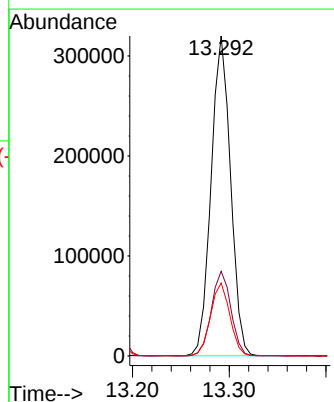
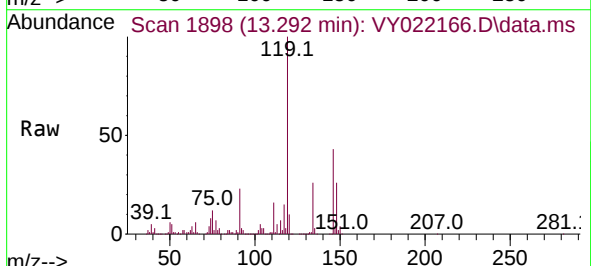
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB2-4-5MSD

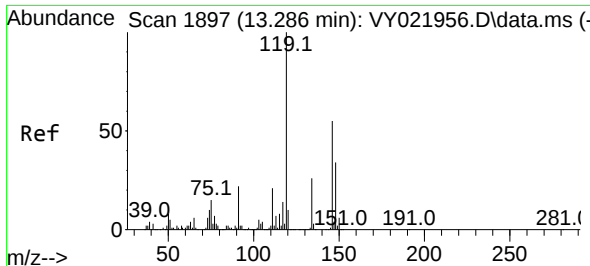
Tgt Ion:105 Resp: 541984
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 59.021 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022166.D
 Acq: 05 May 2025 17:51

Tgt Ion:119 Resp: 445785
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 22.6 11.0 33.0

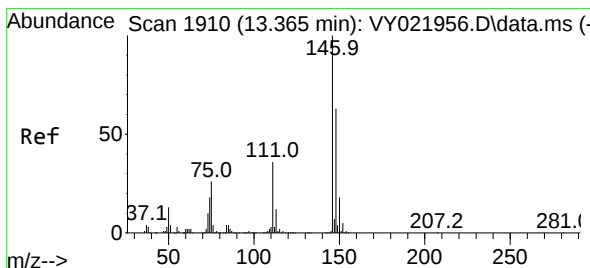
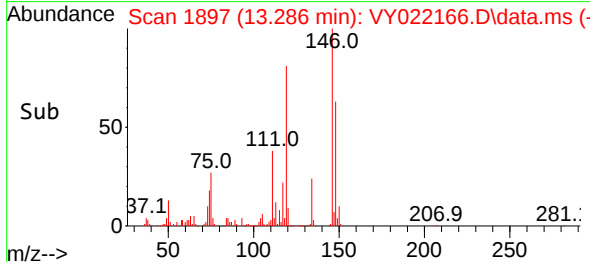
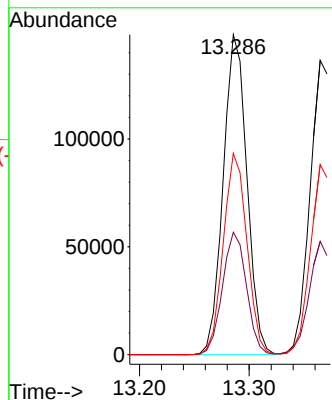
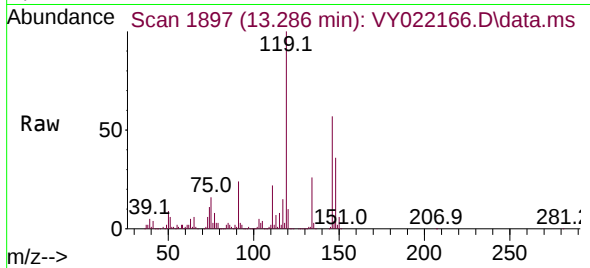




#87
1,3-Dichlorobenzene
Concen: 52.906 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

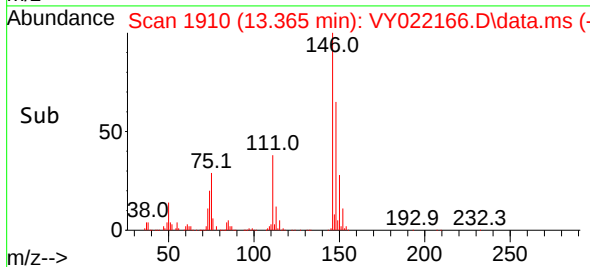
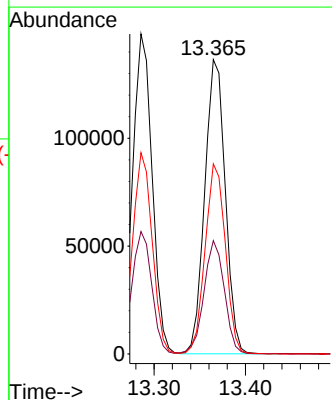
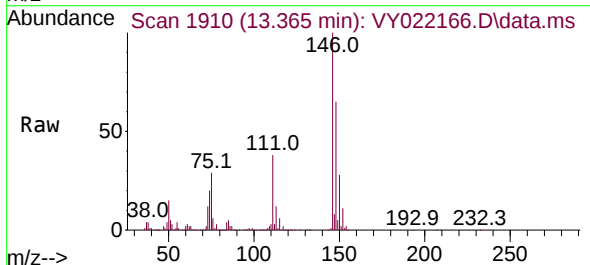
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

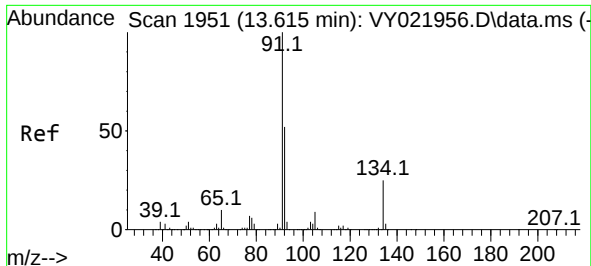
Tgt Ion:146 Resp: 223349
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 62.7 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 50.860 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion:146 Resp: 212649
Ion Ratio Lower Upper
146 100
111 38.2 19.2 57.6
148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 54.006 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MSD

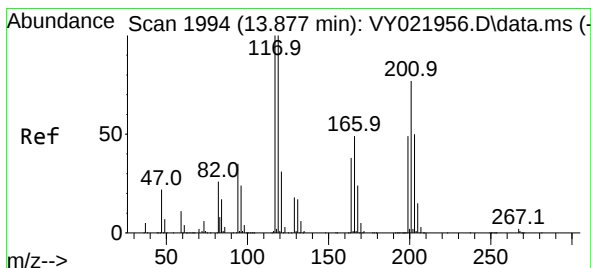
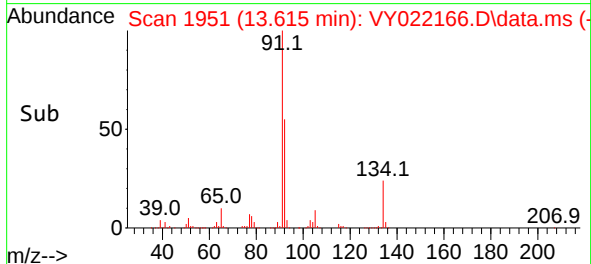
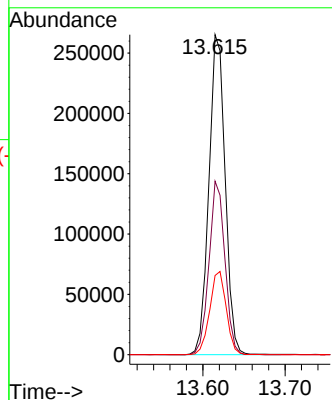
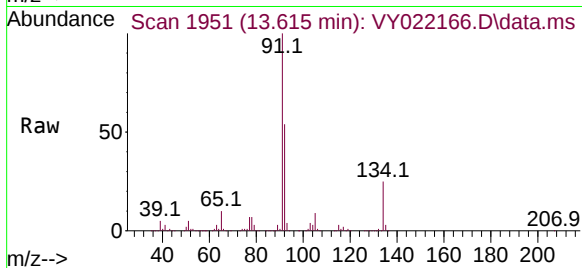
Tgt Ion: 91 Resp: 364597

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 26.5 13.4 40.1



#90

Hexachloroethane

Concen: 55.845 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022166.D

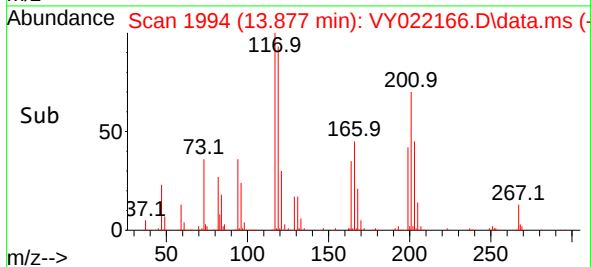
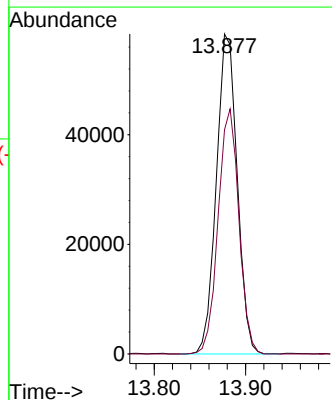
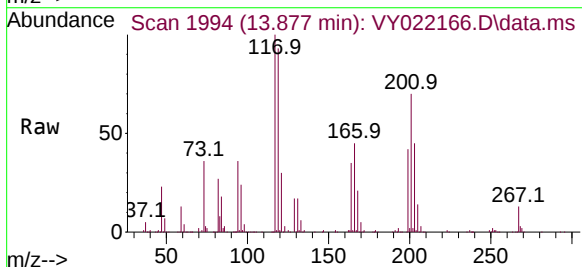
Acq: 05 May 2025 17:51

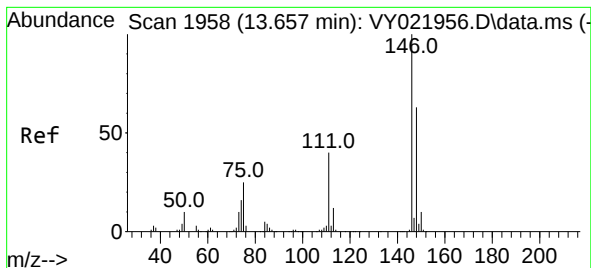
Tgt Ion: 117 Resp: 92672

Ion Ratio Lower Upper

117 100

201 76.2 38.7 116.1

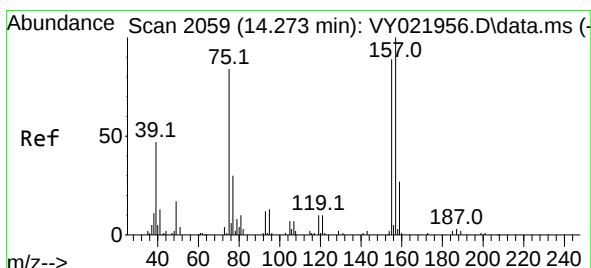
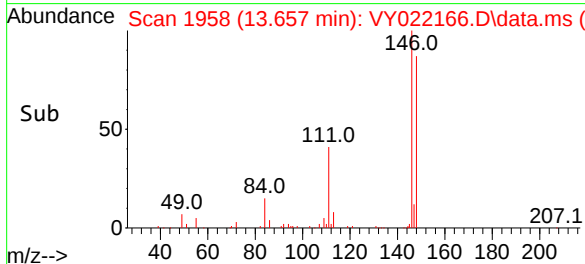
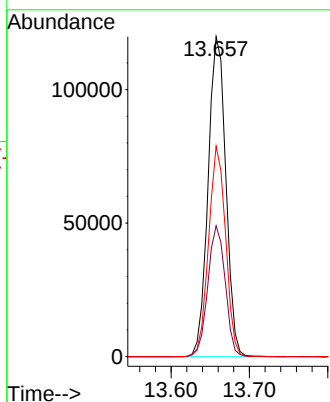
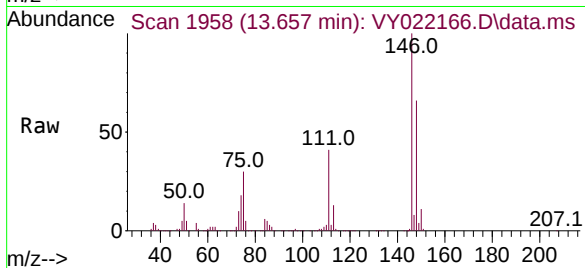




#91
1,2-Dichlorobenzene
Concen: 51.100 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

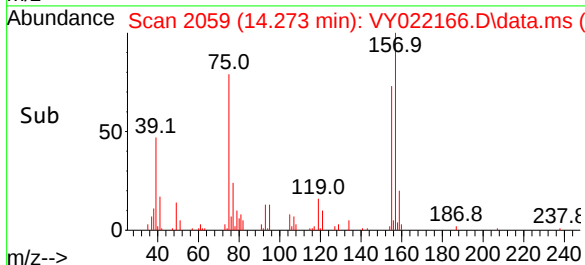
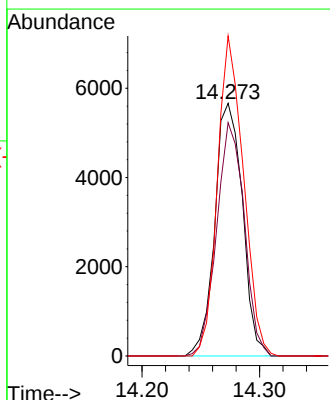
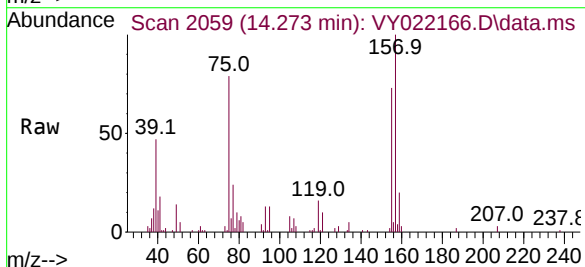
Instrument :
MSVOA_Y
ClientSampleId :
SB2-4-5MSD

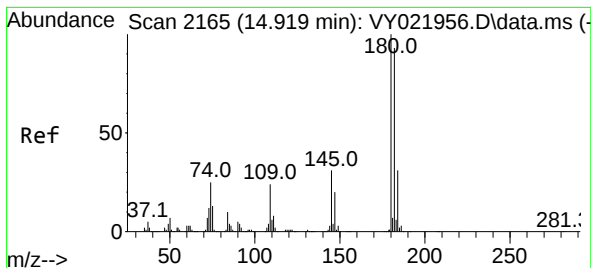
Tgt Ion:146 Resp: 188153
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.1
148 63.3 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.973 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022166.D
Acq: 05 May 2025 17:51

Tgt Ion: 75 Resp: 9261
Ion Ratio Lower Upper
75 100
155 91.9 50.7 152.3
157 119.0 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 33.072 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MSD

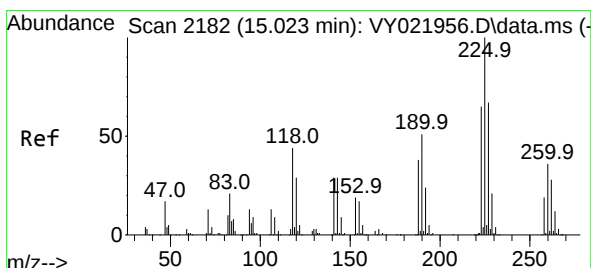
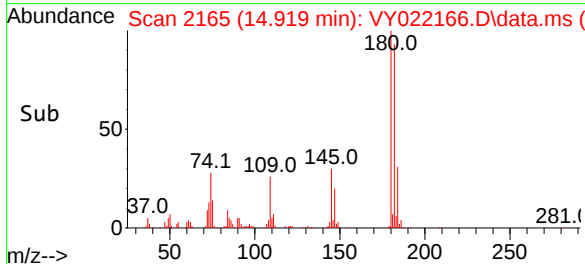
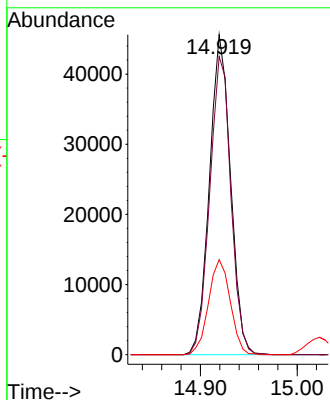
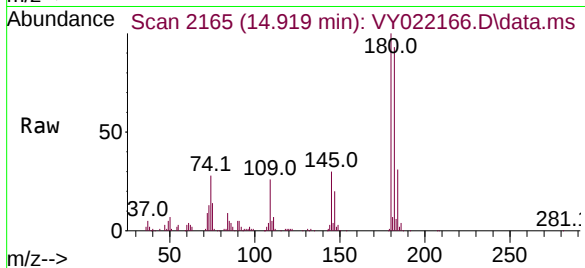
Tgt Ion:180 Resp: 69006

Ion Ratio Lower Upper

180 100

182 93.5 47.1 141.4

145 30.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 32.970 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

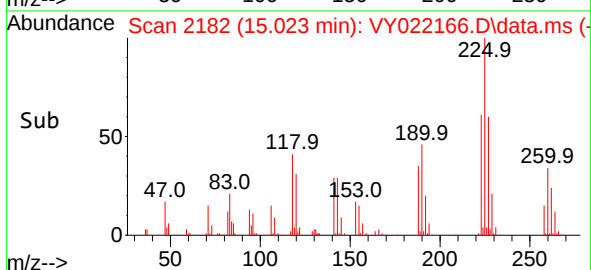
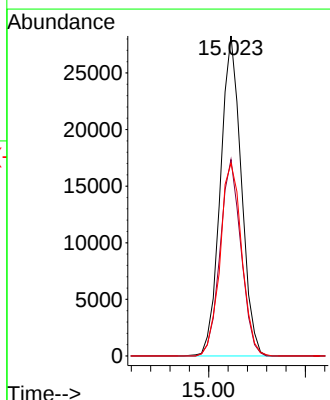
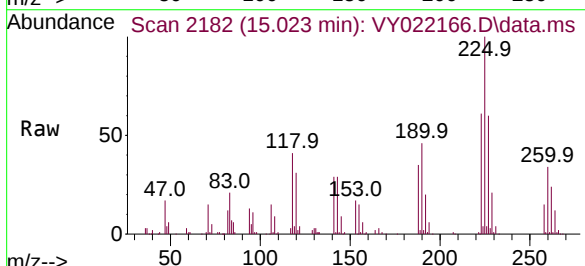
Tgt Ion:225 Resp: 42326

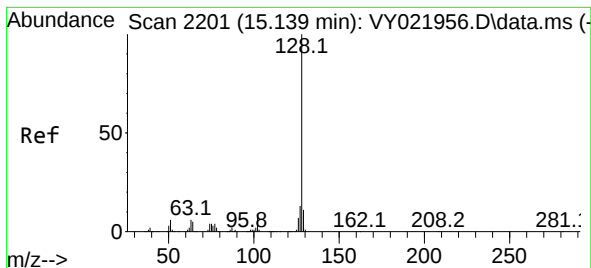
Ion Ratio Lower Upper

225 100

223 61.2 31.9 95.5

227 62.2 32.3 96.9





#95

Naphthalene

Concen: 31.114 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB2-4-5MSD

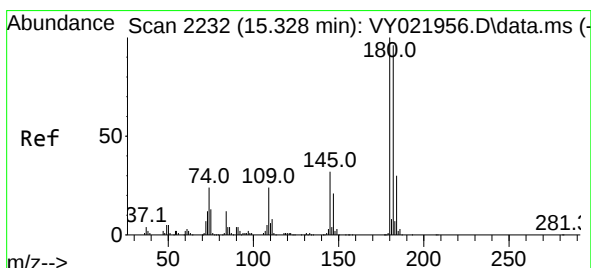
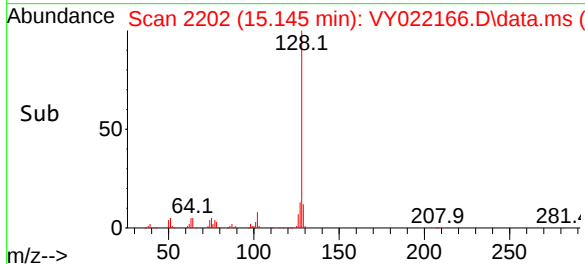
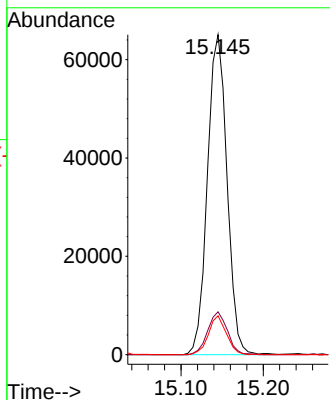
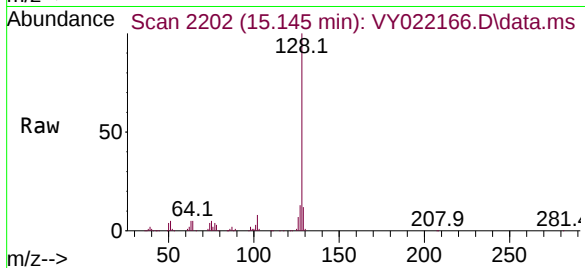
Tgt Ion:128 Resp: 107843

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 29.665 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022166.D

Acq: 05 May 2025 17:51

Tgt Ion:180 Resp: 53430

Ion Ratio Lower Upper

180 100

182 95.2 48.1 144.4

145 31.4 16.0 48.0

