

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021476.D
 Acq On : 11 Mar 2025 11:03
 Operator : SY/MD
 Sample : VY0311SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 12 01:23:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	225793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	350967	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	312829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	125150	52.441	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.880%	
35) Dibromofluoromethane	7.634	113	122087	52.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.840%	
50) Toluene-d8	10.103	98	456082	52.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.407	95	155886	52.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	36522	17.626	ug/l	98
3) Chloromethane	2.068	50	57141	19.560	ug/l	98
4) Vinyl Chloride	2.202	62	63319	19.835	ug/l	96
5) Bromomethane	2.586	94	44828	19.429	ug/l	96
6) Chloroethane	2.732	64	45130	21.392	ug/l	98
7) Trichlorofluoromethane	3.049	101	92591	20.780	ug/l	98
8) Diethyl Ether	3.452	74	21657	17.538	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	44702	17.571	ug/l	97
10) Methyl Iodide	4.000	142	49215	19.031	ug/l	99
11) Tert butyl alcohol	4.848	59	14756	79.754	ug/l #	72
12) 1,1-Dichloroethene	3.781	96	41993	18.105	ug/l	93
13) Acrolein	3.653	56	14894	122.699	ug/l	92
14) Allyl chloride	4.378	41	67368	17.973	ug/l	99
15) Acrylonitrile	5.055	53	47717	90.776	ug/l	98
16) Acetone	3.860	43	60913	117.024	ug/l	93
17) Carbon Disulfide	4.098	76	128022	17.612	ug/l	100
18) Methyl Acetate	4.385	43	21593	18.696	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	101276	17.228	ug/l	97
20) Methylene Chloride	4.610	84	49393	18.077	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	46396	17.862	ug/l	98
22) Diisopropyl ether	6.018	45	149058	18.453	ug/l	94
23) Vinyl Acetate	5.957	43	402758	87.365	ug/l	99
24) 1,1-Dichloroethane	5.909	63	88873	18.641	ug/l	99
25) 2-Butanone	6.884	43	71454	99.237	ug/l	95
26) 2,2-Dichloropropane	6.878	77	79429	18.107	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	53763	18.219	ug/l	99
28) Bromochloromethane	7.238	49	39070	19.547	ug/l	99
29) Tetrahydrofuran	7.262	42	38712	87.089	ug/l	99
30) Chloroform	7.414	83	94319	19.052	ug/l	92
31) Cyclohexane	7.695	56	74535	16.676	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	83652	18.454	ug/l	99
36) 1,1-Dichloropropene	7.829	75	64167	17.769	ug/l	98
37) Ethyl Acetate	6.975	43	28552	17.889	ug/l	97
38) Carbon Tetrachloride	7.811	117	74788	18.008	ug/l	99
39) Methylcyclohexane	9.109	83	74823	16.892	ug/l	98
40) Benzene	8.073	78	194135	18.250	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	11124	12.800	ug/l #	66
42) 1,2-Dichloroethane	8.152	62	53330	17.921	ug/l	98
43) Isopropyl Acetate	8.195	43	53006	17.108	ug/l #	89
44) Trichloroethene	8.865	130	49991	18.597	ug/l	100
45) 1,2-Dichloropropane	9.140	63	46136	18.223	ug/l	97
46) Dibromomethane	9.225	93	26271	18.649	ug/l	100
47) Bromodichloromethane	9.420	83	69491	18.575	ug/l	100
48) Methyl methacrylate	9.219	41	24238	17.036	ug/l	98
49) 1,4-Dioxane	9.219	88	5395	390.187	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	140438	87.848	ug/l	98
52) Toluene	10.170	92	122381	18.248	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	59746	18.127	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	70322	17.971	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	33841	18.365	ug/l	96
56) Ethyl methacrylate	10.438	69	40054	17.044	ug/l	99
57) 1,3-Dichloropropane	10.719	76	57273	17.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	99189	91.430	ug/l	98
59) 2-Hexanone	10.761	43	103124	97.556	ug/l	99
60) Dibromochloromethane	10.908	129	45567	18.038	ug/l	99
61) 1,2-Dibromoethane	11.011	107	31157	17.915	ug/l	99
64) Tetrachloroethene	10.646	164	49633	19.511	ug/l	95
65) Chlorobenzene	11.438	112	132210	17.897	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	47893	18.337	ug/l	99
67) Ethyl Benzene	11.517	91	226668	17.481	ug/l	98
68) m/p-Xylenes	11.627	106	177439	36.046	ug/l	100
69) o-Xylene	11.956	106	79371	17.495	ug/l	98
70) Styrene	11.969	104	133951	17.797	ug/l	99
71) Bromoform	12.133	173	25988	17.800	ug/l #	97
73) Isopropylbenzene	12.255	105	218412	17.074	ug/l	99
74) N-amyl acetate	12.072	43	44220	15.917	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	37463	16.596	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	48740	29.785	ug/l #	100
77) Bromobenzene	12.535	156	52645	17.591	ug/l	97
78) n-propylbenzene	12.596	91	266301	17.141	ug/l	99
79) 2-Chlorotoluene	12.682	91	154633	17.407	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	183525	17.654	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11100	15.420	ug/l	98
82) 4-Chlorotoluene	12.779	91	163638	17.789	ug/l	100
83) tert-Butylbenzene	12.999	119	159271	17.174	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	179459	17.387	ug/l	99
85) sec-Butylbenzene	13.176	105	236192	17.117	ug/l	100
86) p-Isopropyltoluene	13.291	119	197171	17.345	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	104308	17.510	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	103420	17.751	ug/l	99
89) n-Butylbenzene	13.621	91	182353	17.372	ug/l	99
90) Hexachloroethane	13.883	117	41489	17.108	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	90389	17.703	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5802	17.158	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	50841	18.230	ug/l	99
94) Hexachlorobutadiene	15.023	225	32185	18.411	ug/l	98
95) Naphthalene	15.145	128	73881	17.695	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	42109	17.953	ug/l	98

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QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

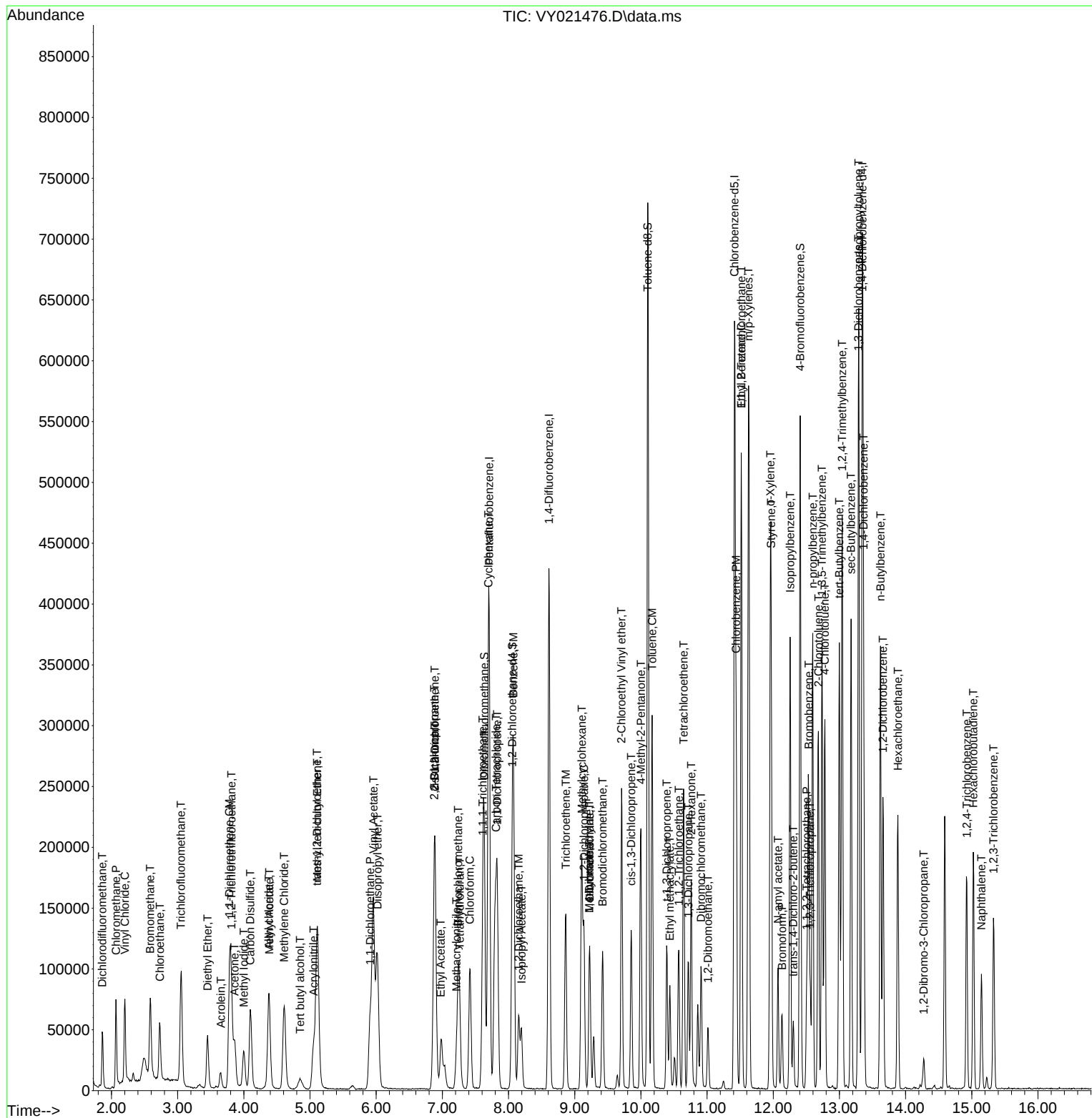
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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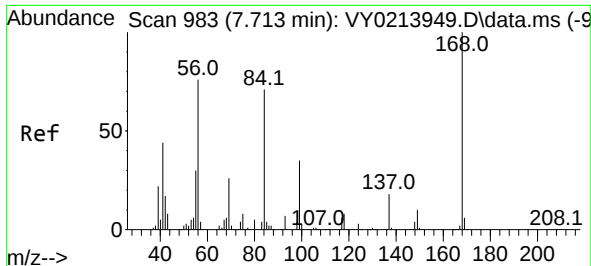
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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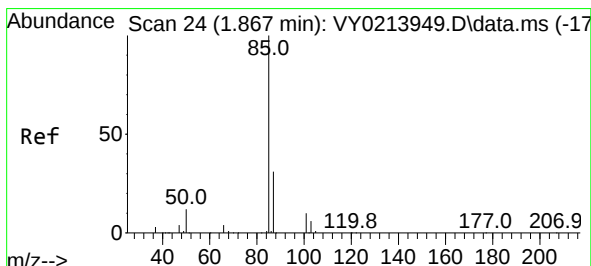
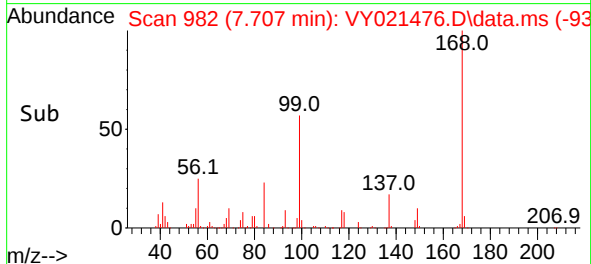
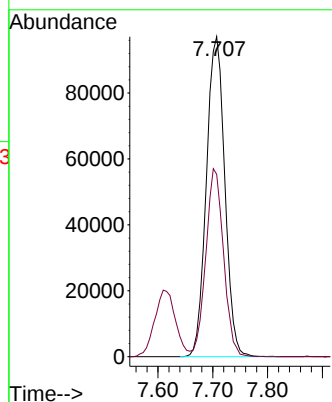
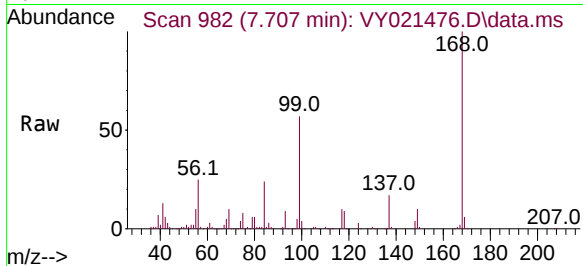




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021476.D
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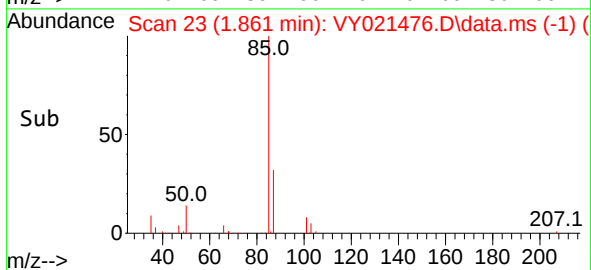
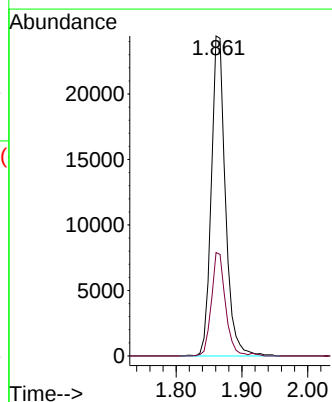
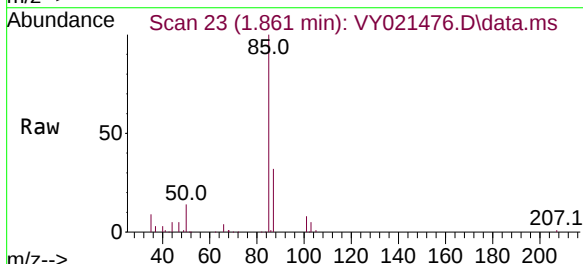
Instrument :
MSVOA_Y
ClientSampleId :

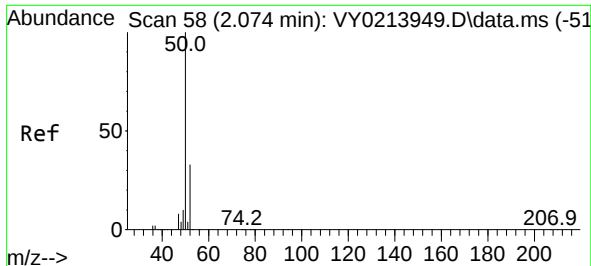
Tgt Ion:168 Resp: 225793
Ion Ratio Lower Upper
168 100
99 57.0 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 17.626 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 85 Resp: 36522
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0

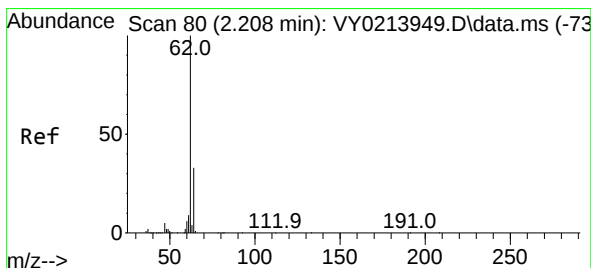
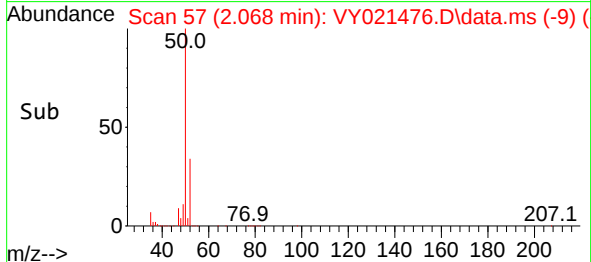
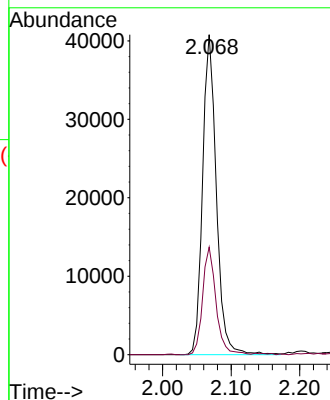
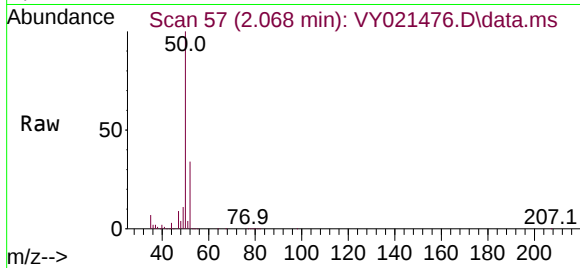




#3
Chloromethane
Concen: 19.560 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

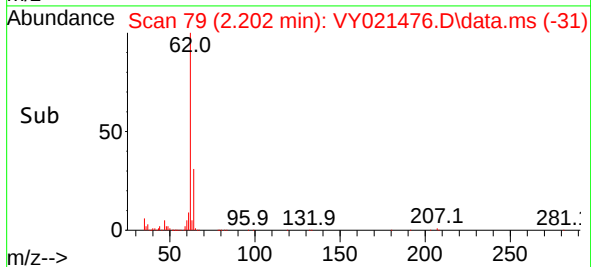
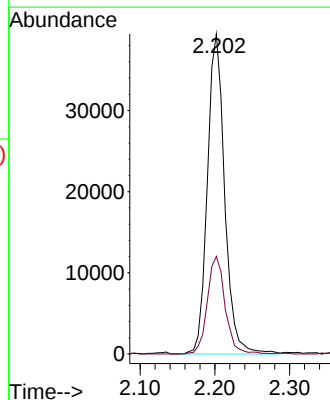
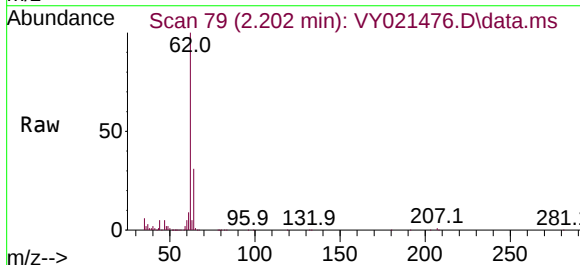
Instrument :
MSVOA_Y
ClientSampleId :

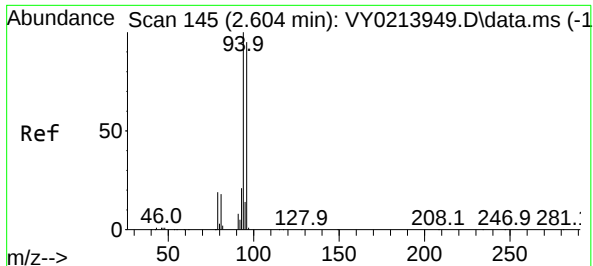
Tgt Ion: 50 Resp: 57141
Ion Ratio Lower Upper
50 100
52 33.6 26.2 39.2



#4
Vinyl Chloride
Concen: 19.835 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 62 Resp: 63319
Ion Ratio Lower Upper
62 100
64 30.5 26.2 39.2

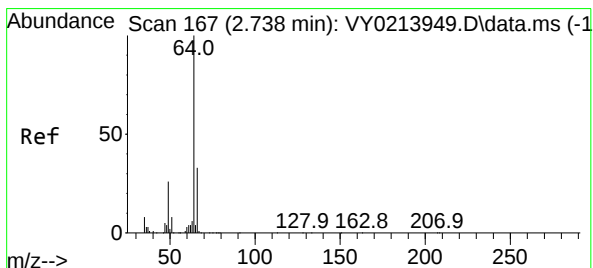
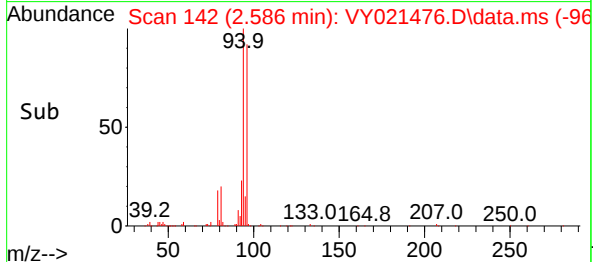
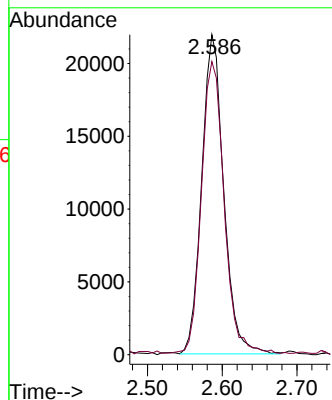
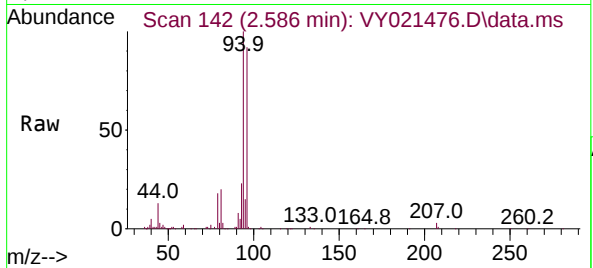




#5
Bromomethane
Concen: 19.429 ug/l
RT: 2.586 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

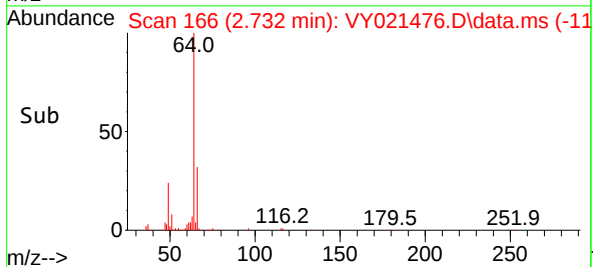
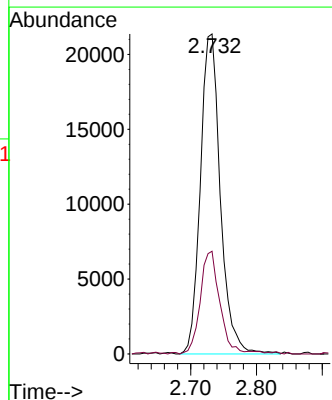
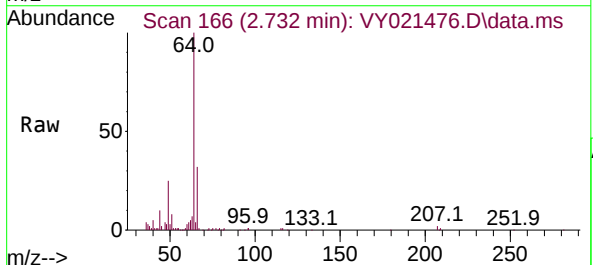
Instrument :
MSVOA_Y
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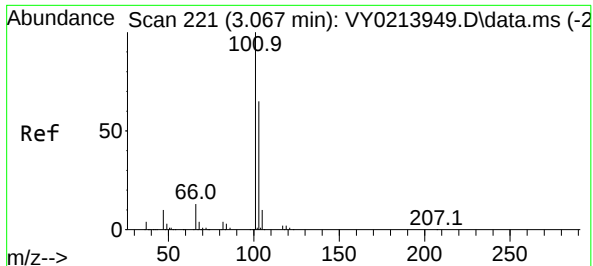
Tgt Ion: 94 Resp: 44828
Ion Ratio Lower Upper
94 100
96 91.5 76.3 114.5



#6
Chloroethane
Concen: 21.392 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021476.D
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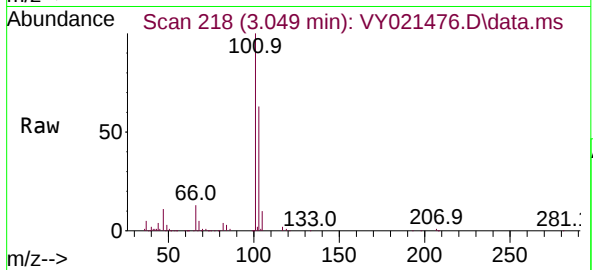
Tgt Ion: 64 Resp: 45130
Ion Ratio Lower Upper
64 100
66 32.1 26.7 40.1



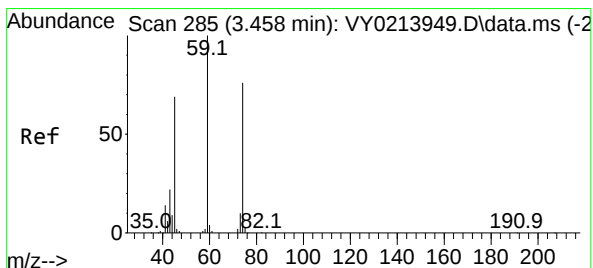
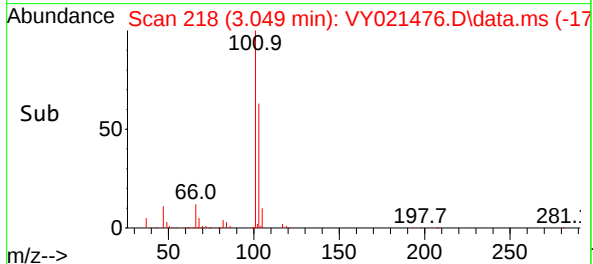
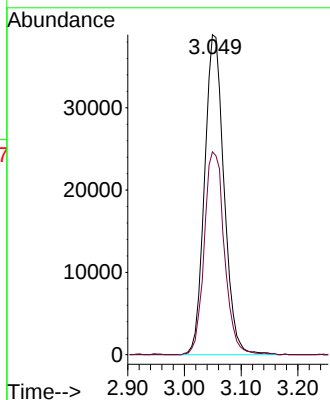


#7
 Trichlorofluoromethane
 Concen: 20.780 ug/l
 RT: 3.049 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

Instrument :
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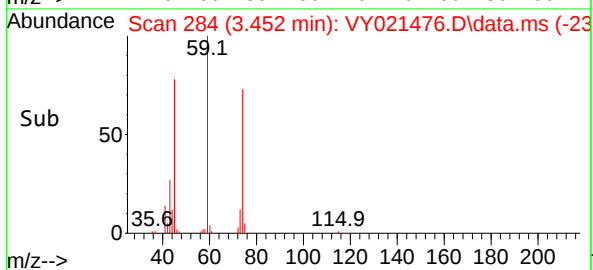
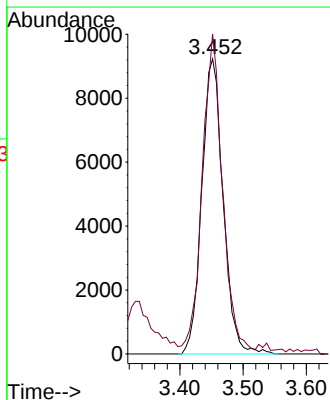
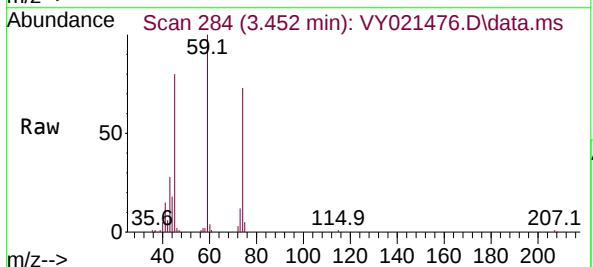


Tgt Ion:101 Resp: 92591
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.7 77.5



#8
 Diethyl Ether
 Concen: 17.538 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021476.D
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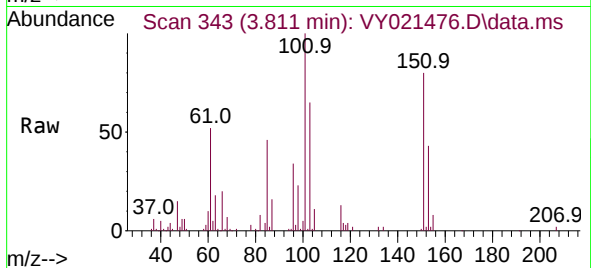
Tgt Ion: 74 Resp: 21657
 Ion Ratio Lower Upper
 74 100
 45 100.6 49.7 149.1



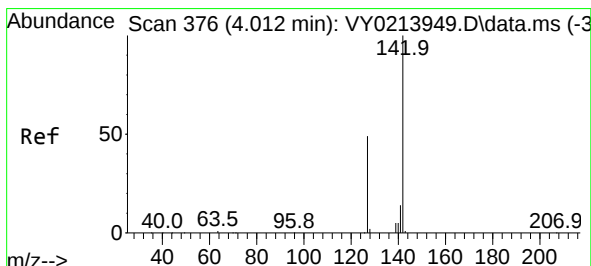
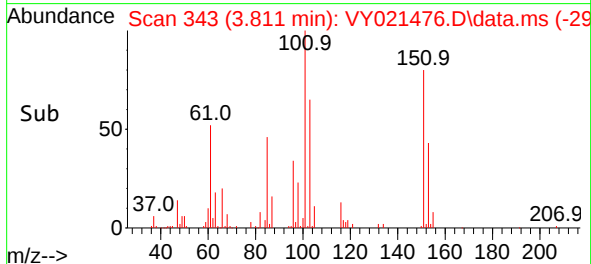
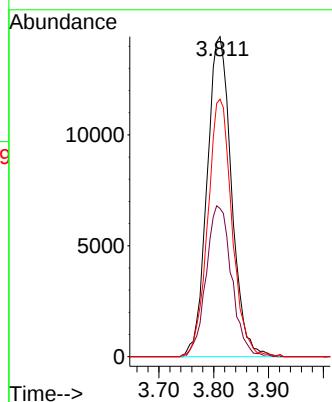


#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.571 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY021476.D
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Instrument :
MSVOA_Y
ClientSampleId :

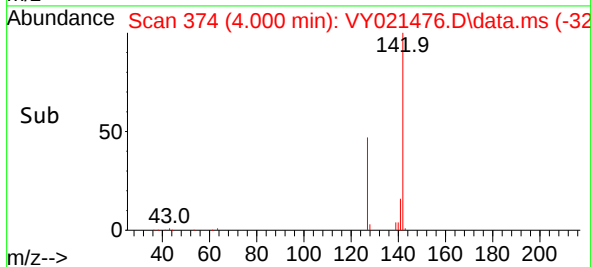
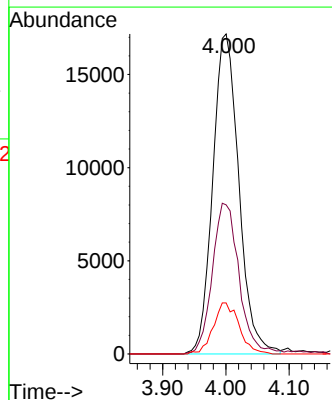
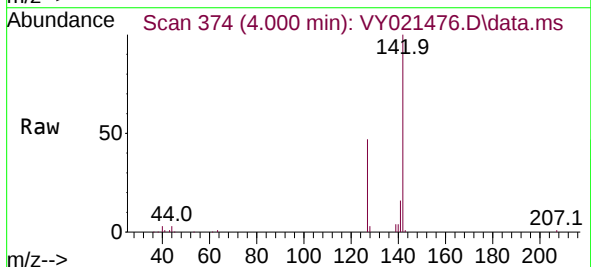


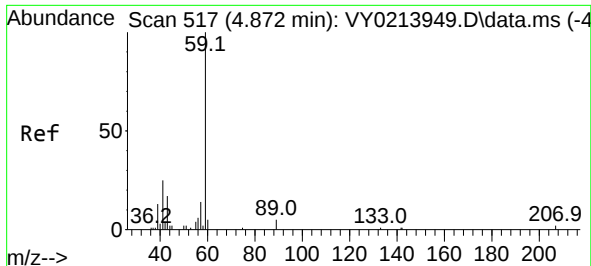
Tgt Ion:101 Resp: 44702
Ion Ratio Lower Upper
101 100
85 49.1 37.1 55.7
151 79.8 62.1 93.1



#10
Methyl Iodide
Concen: 19.031 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion:142 Resp: 49215
Ion Ratio Lower Upper
142 100
127 48.2 39.1 58.7
141 15.8 11.8 17.6





#11

Tert butyl alcohol

Concen: 79.754 ug/l

RT: 4.848 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

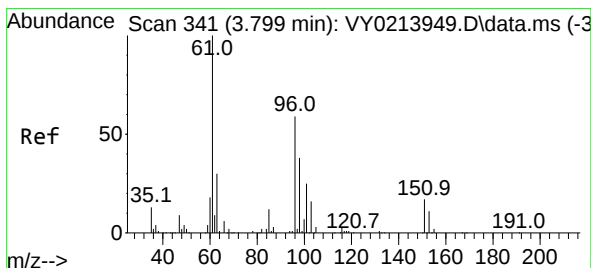
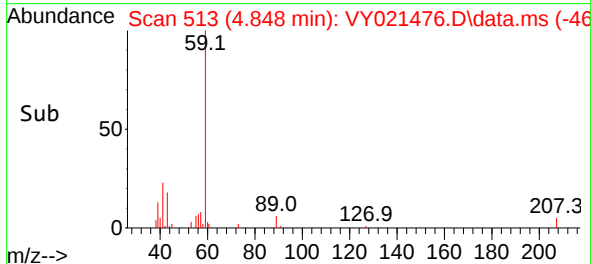
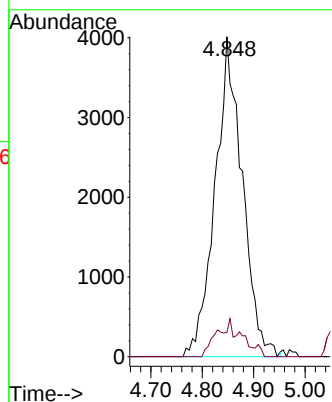
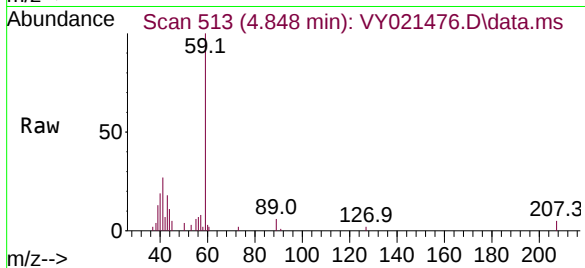
ClientSampleId :

Tgt Ion: 59 Resp: 14756

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 18.105 ug/l

RT: 3.781 min Scan# 338

Delta R.T. -0.018 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

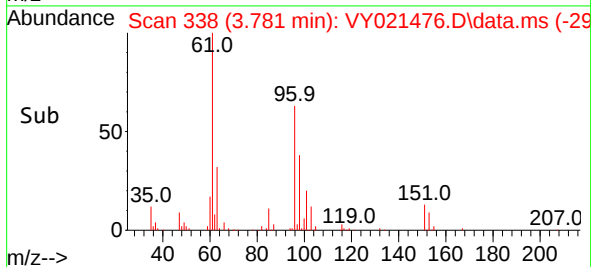
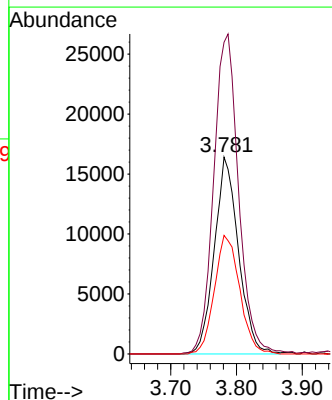
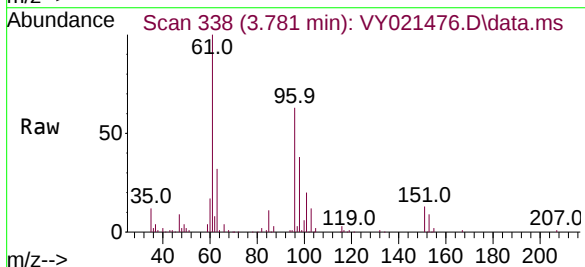
Tgt Ion: 96 Resp: 41993

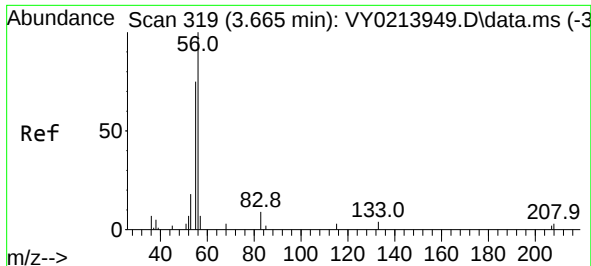
Ion Ratio Lower Upper

96 100

61 158.4 135.2 202.8

98 60.3 51.4 77.2

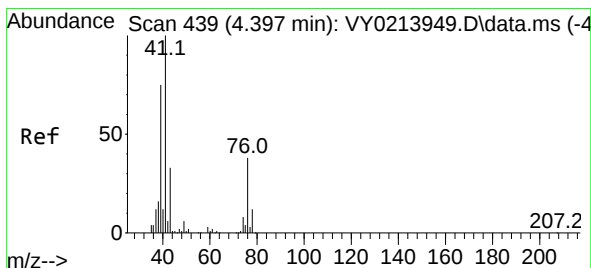
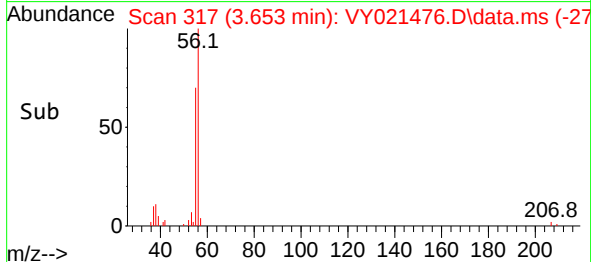
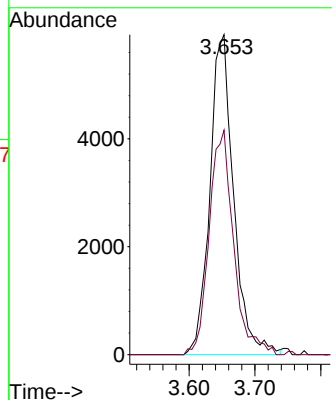
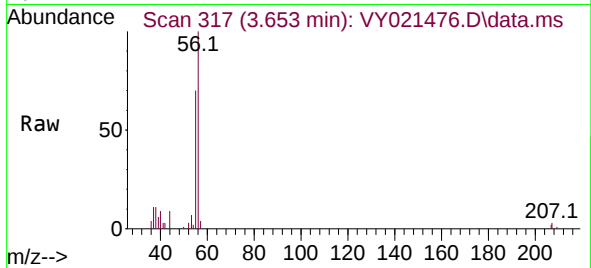




#13
Acrolein
Concen: 122.699 ug/l
RT: 3.653 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

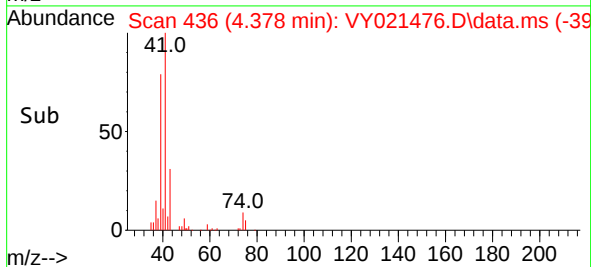
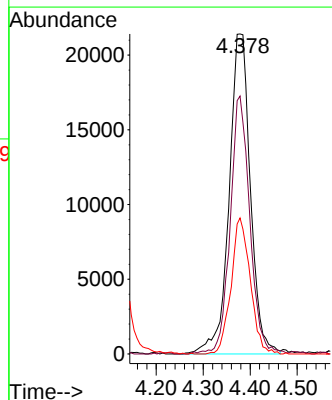
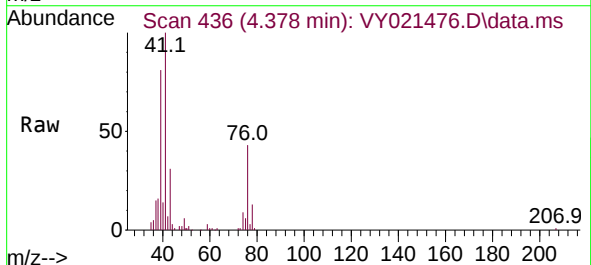
Instrument :
MSVOA_Y
ClientSampleId :

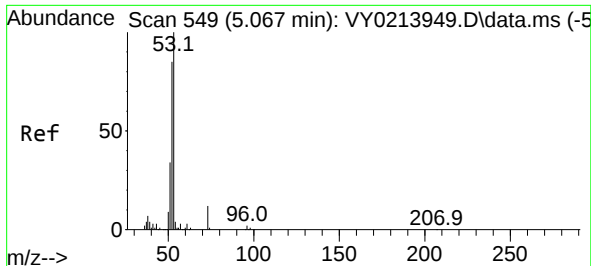
Tgt Ion: 56 Resp: 14894
Ion Ratio Lower Upper
56 100
55 72.1 63.4 95.2



#14
Allyl chloride
Concen: 17.973 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 41 Resp: 67368
Ion Ratio Lower Upper
41 100
39 74.3 59.3 88.9
76 38.3 29.8 44.8





#15

Acrylonitrile

Concen: 90.776 ug/l

RT: 5.055 min Scan# 54

Delta R.T. -0.012 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

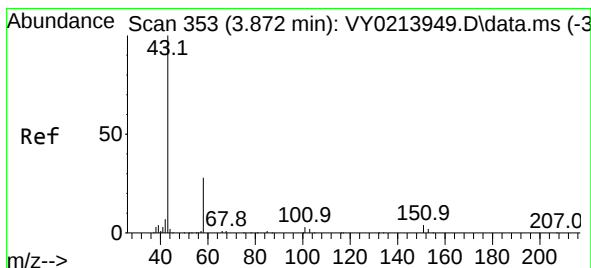
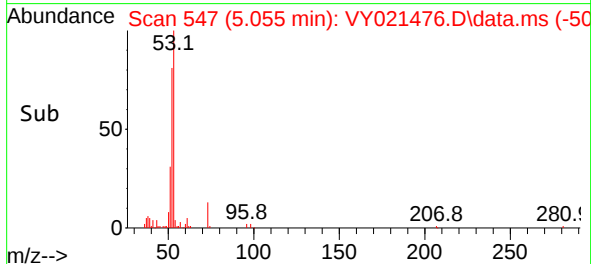
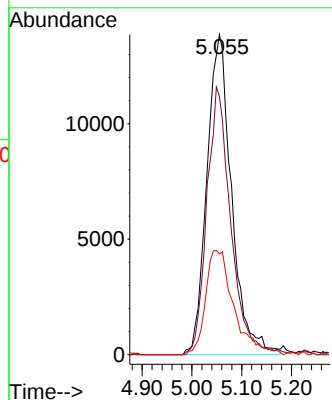
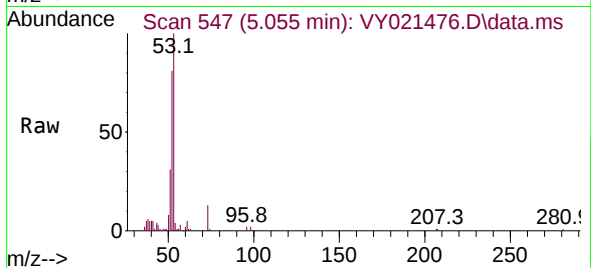
Tgt Ion: 53 Resp: 47717

Ion Ratio Lower Upper

53 100

52 80.9 66.3 99.5

51 37.1 30.3 45.5



#16

Acetone

Concen: 117.024 ug/l

RT: 3.860 min Scan# 351

Delta R.T. -0.012 min

Lab File: VY021476.D

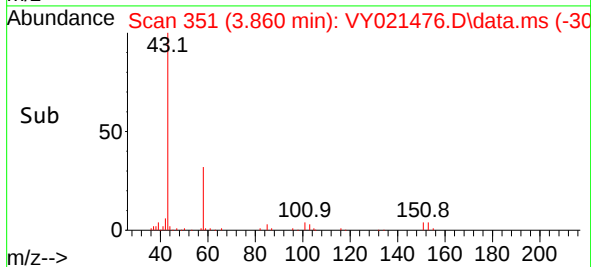
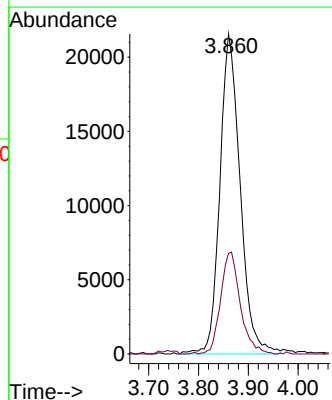
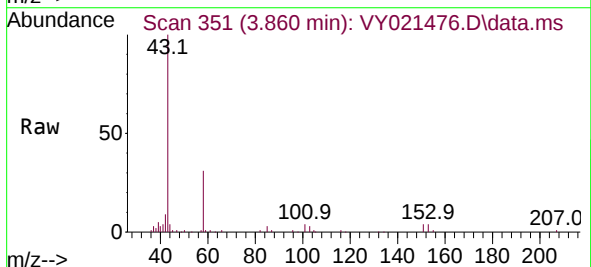
Acq: 11 Mar 2025 11:03

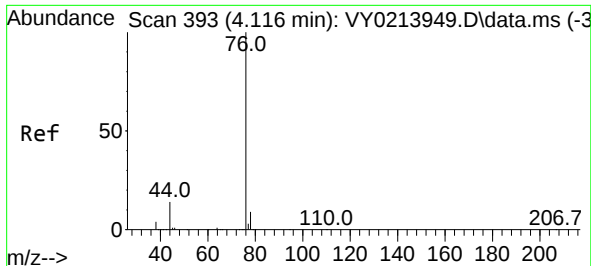
Tgt Ion: 43 Resp: 60913

Ion Ratio Lower Upper

43 100

58 31.4 22.1 33.1

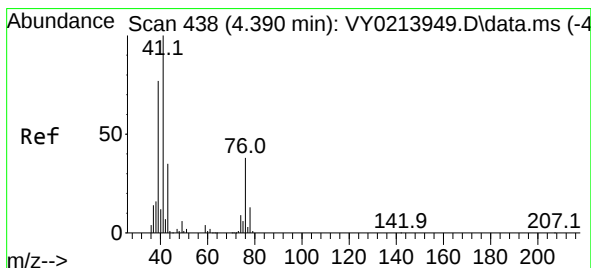
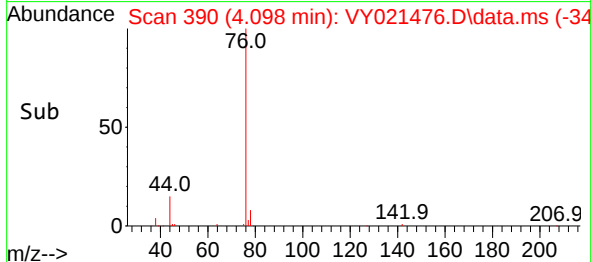
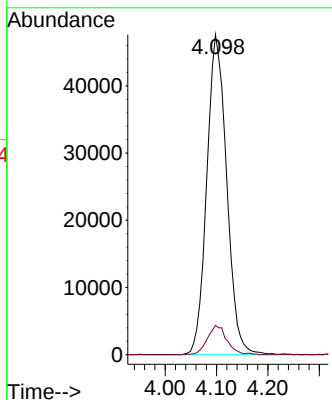
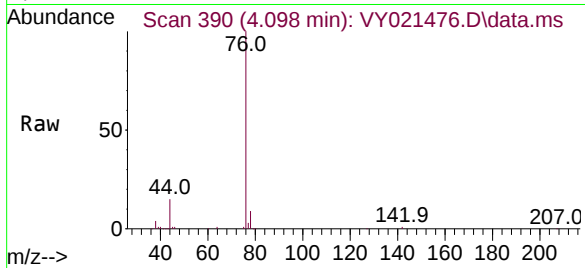




#17
Carbon Disulfide
Concen: 17.612 ug/l
RT: 4.098 min Scan# 393
Delta R.T. -0.018 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

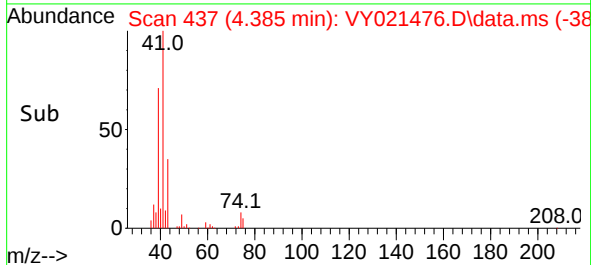
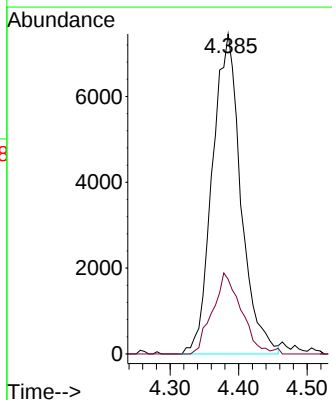
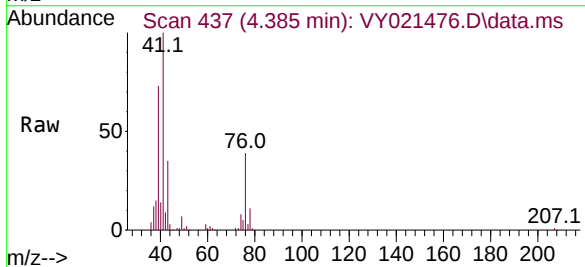
Instrument :
MSVOA_Y
ClientSampleId :

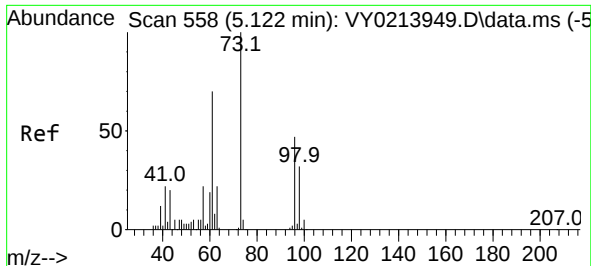
Tgt Ion: 76 Resp: 128022
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 18.696 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 43 Resp: 21593
Ion Ratio Lower Upper
43 100
74 25.7 19.4 29.0

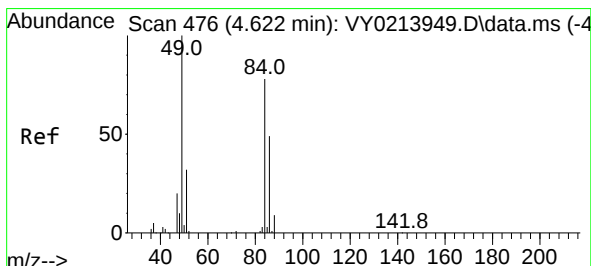
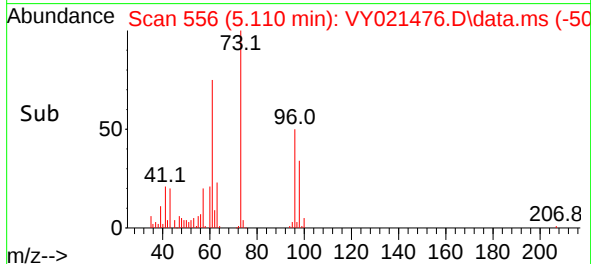
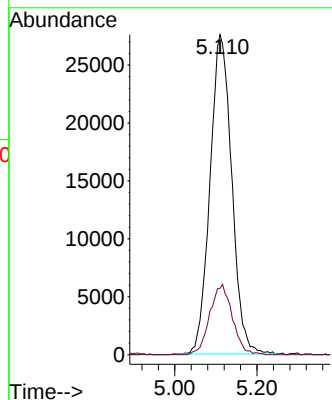
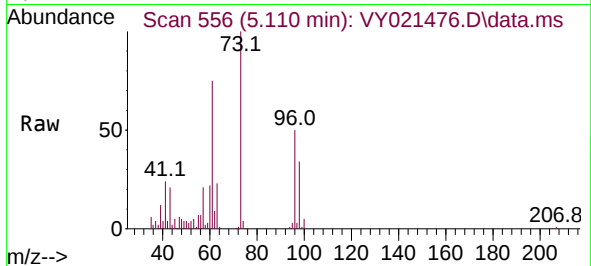




#19
Methyl tert-butyl Ether
Concen: 17.228 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

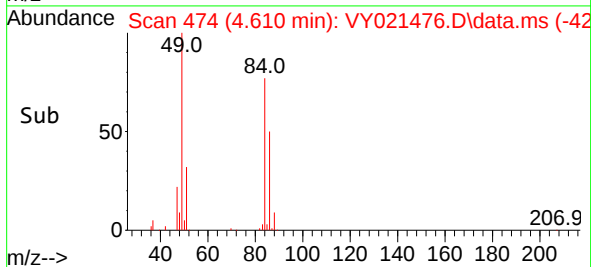
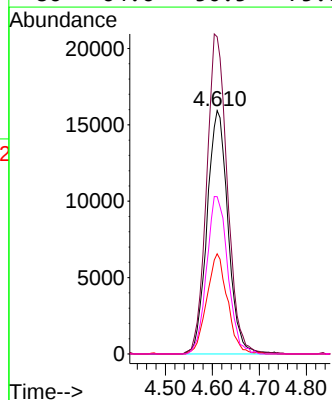
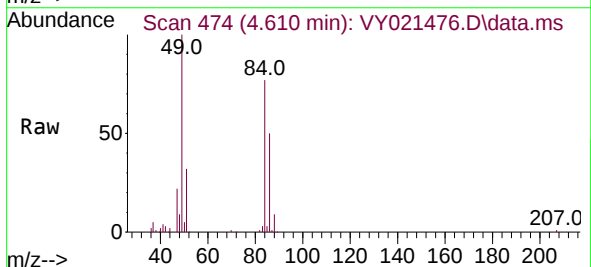
Instrument :
MSVOA_Y
ClientSampleId :

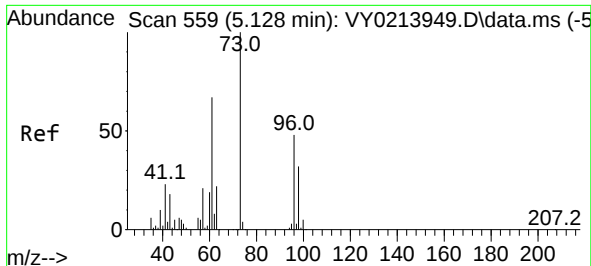
Tgt Ion: 73 Resp: 101276
Ion Ratio Lower Upper
73 100
57 20.8 17.9 26.9



#20
Methylene Chloride
Concen: 18.077 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 84 Resp: 49393
Ion Ratio Lower Upper
84 100
49 130.4 102.0 153.0
51 41.1 33.0 49.6
86 64.6 50.5 75.7

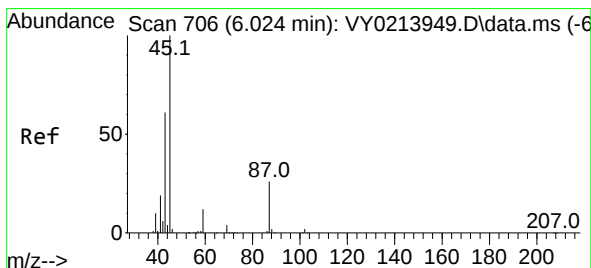
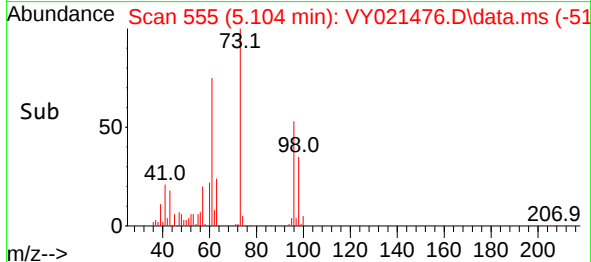
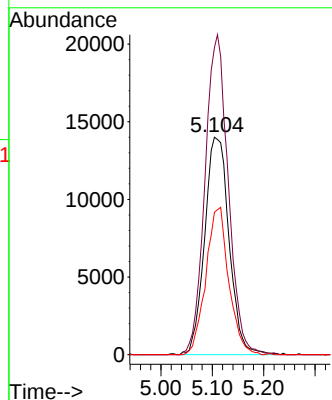
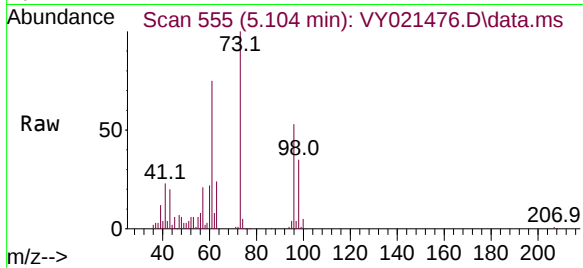




#21
trans-1,2-Dichloroethene
Concen: 17.862 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

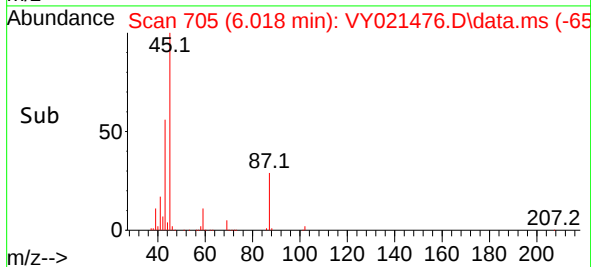
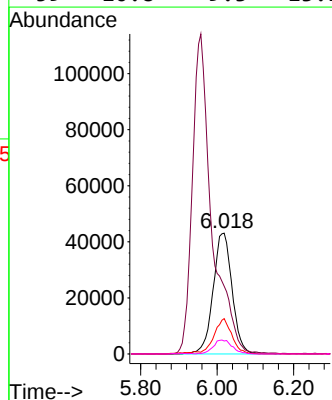
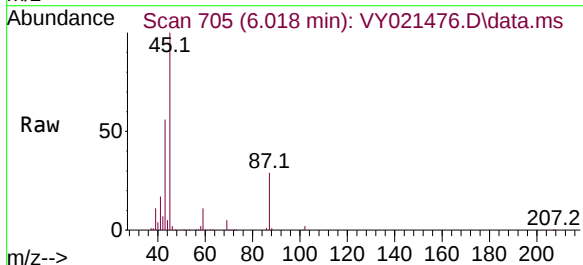
Instrument :
MSVOA_Y
ClientSampleId :

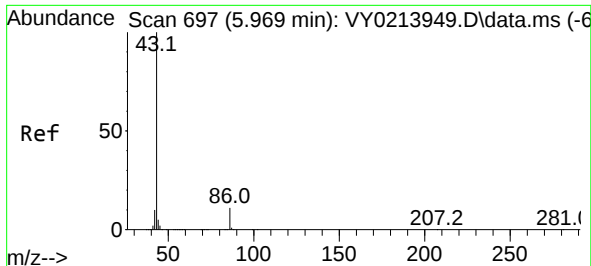
Tgt Ion: 96 Resp: 46396
Ion Ratio Lower Upper
96 100
61 141.2 111.5 167.3
98 65.5 53.8 80.8



#22
Diisopropyl ether
Concen: 18.453 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 45 Resp: 149058
Ion Ratio Lower Upper
45 100
43 55.7 48.7 73.1
87 29.1 21.5 32.3
59 10.8 9.3 13.9

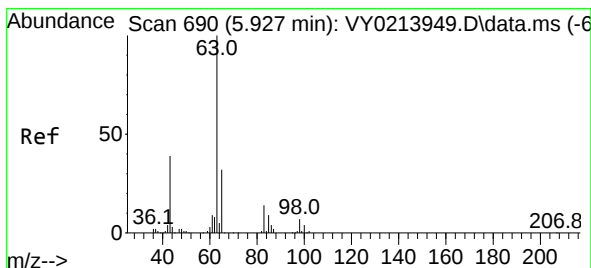
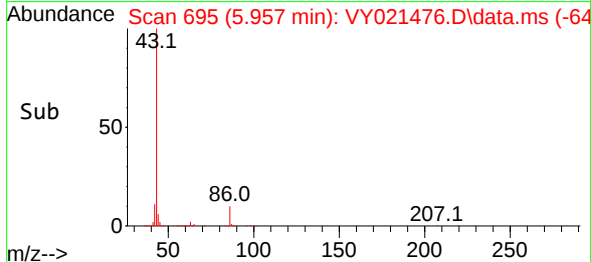
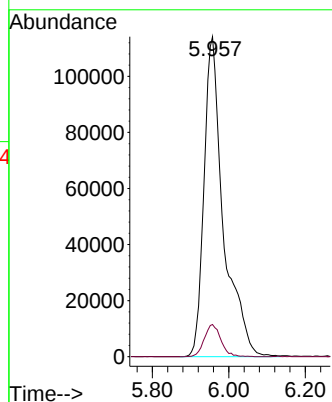
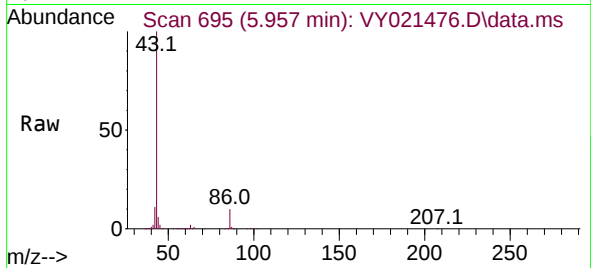




#23
 Vinyl Acetate
 Concen: 87.365 ug/l
 RT: 5.957 min Scan# 641
 Delta R.T. -0.012 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

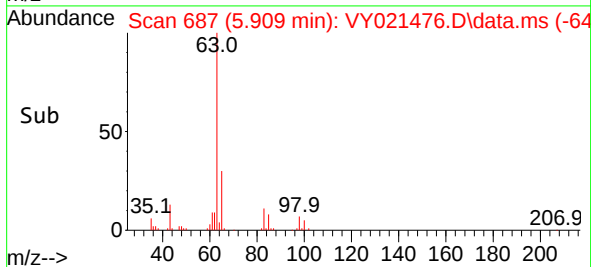
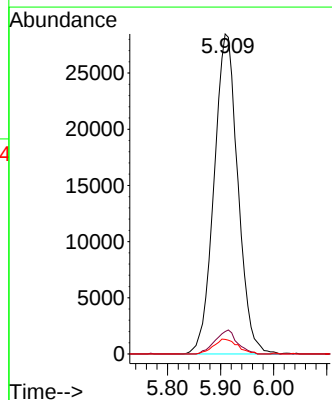
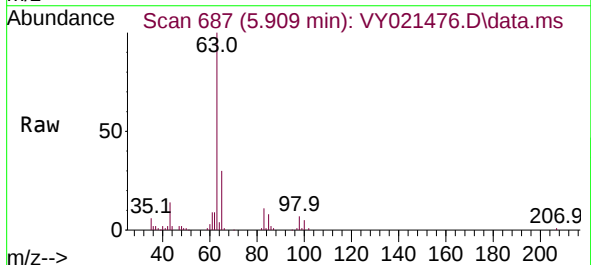
Instrument :
 MSVOA_Y
 ClientSampleId :

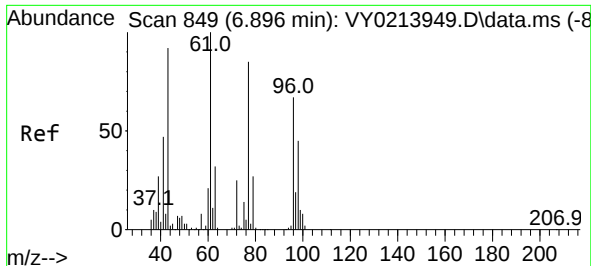
Tgt Ion: 43 Resp: 402758
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 18.641 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.018 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

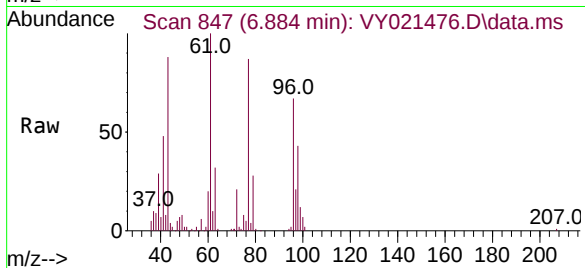
Tgt Ion: 63 Resp: 88873
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.6 2.1 6.5



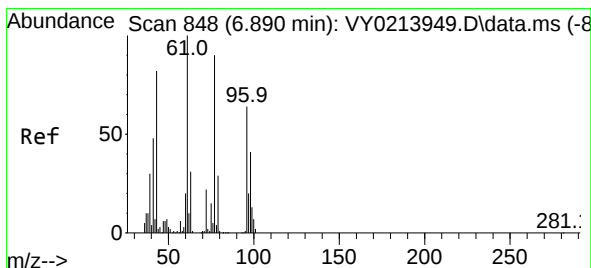
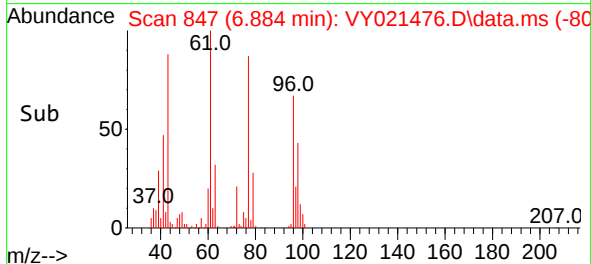
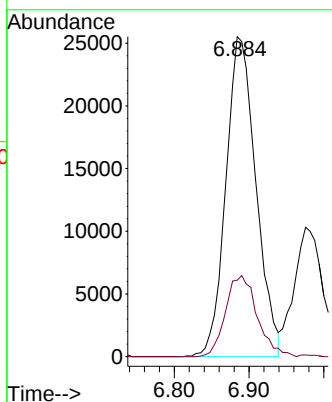


#25
2-Butanone
Concen: 99.237 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Instrument :
MSVOA_Y
ClientSampleId :

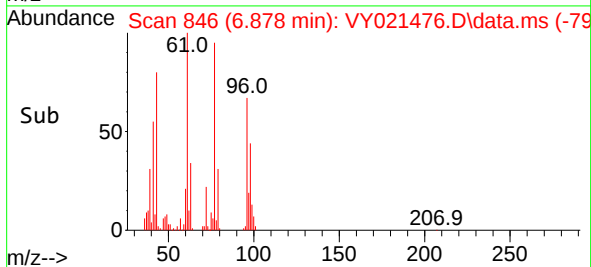
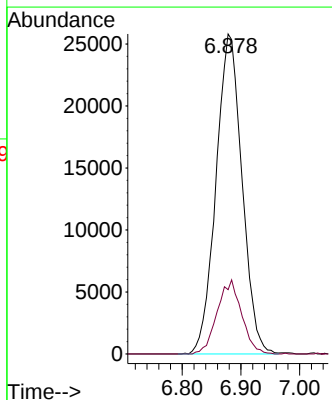
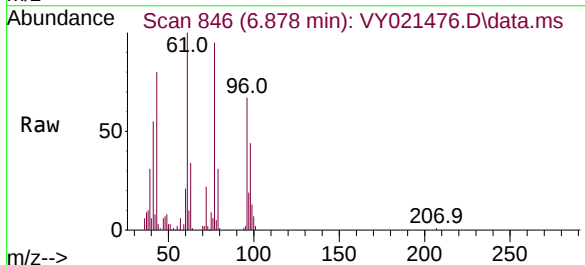


Tgt Ion: 43 Resp: 71454
Ion Ratio Lower Upper
43 100
72 23.9 21.4 32.0



#26
2,2-Dichloropropane
Concen: 18.107 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

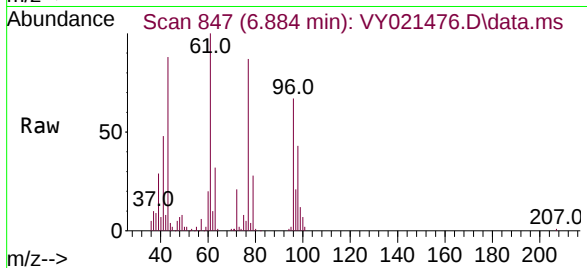
Tgt Ion: 77 Resp: 79429
Ion Ratio Lower Upper
77 100
97 21.7 11.3 33.8



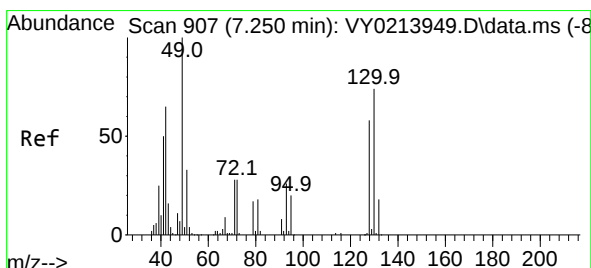
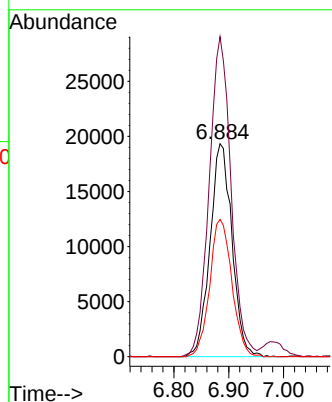
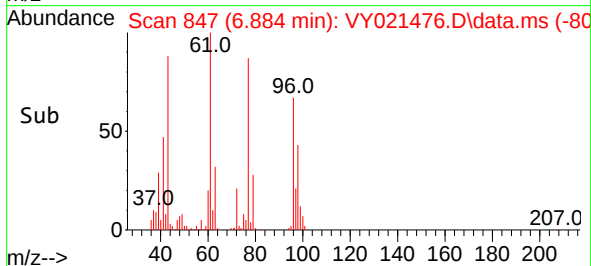


#27
 cis-1,2-Dichloroethene
 Concen: 18.219 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :

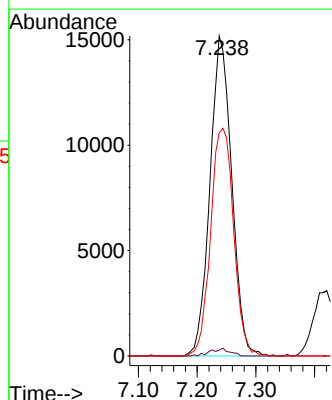
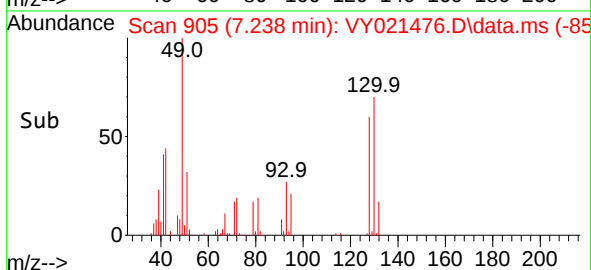
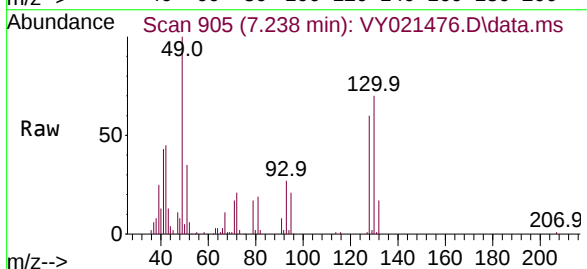


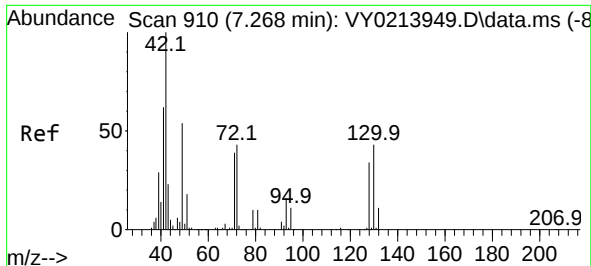
Tgt Ion: 96 Resp: 53763
 Ion Ratio Lower Upper
 96 100
 61 149.4 0.0 300.8
 98 65.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.547 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

Tgt Ion: 49 Resp: 39070
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 75.2 59.6 89.4





#29

Tetrahydrofuran

Concen: 87.089 ug/l

RT: 7.262 min Scan# 90

Delta R.T. -0.006 min

Lab File: VY021476.D

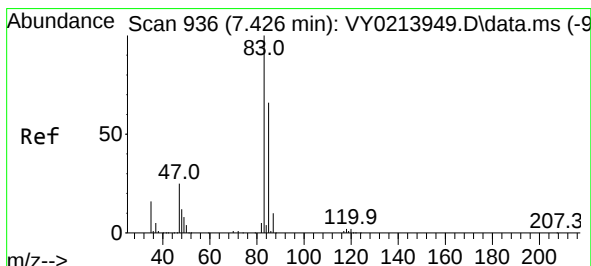
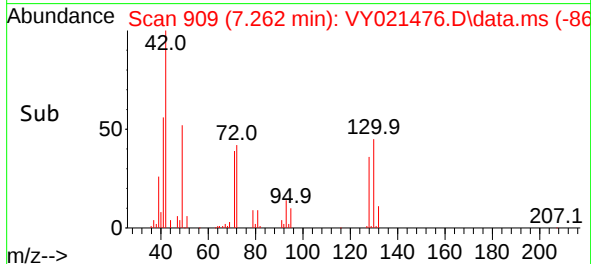
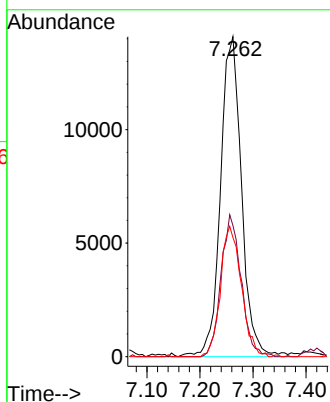
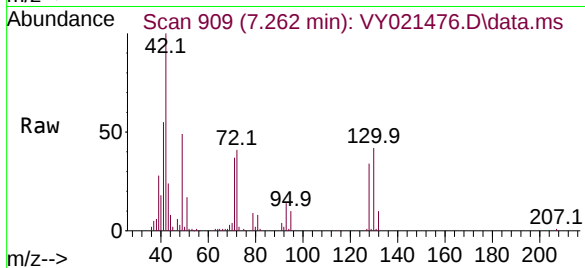
Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	38712
Ion Ratio	Lower	Upper	
42	100		
72	42.5	34.8	52.2
71	40.5	32.6	48.8



#30

Chloroform

Concen: 19.052 ug/l

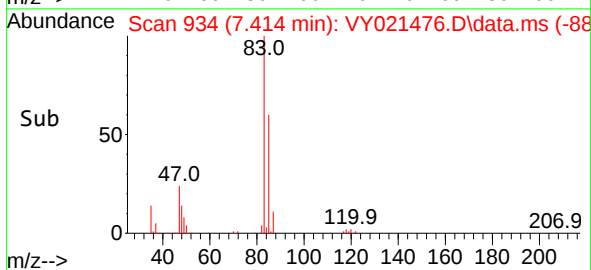
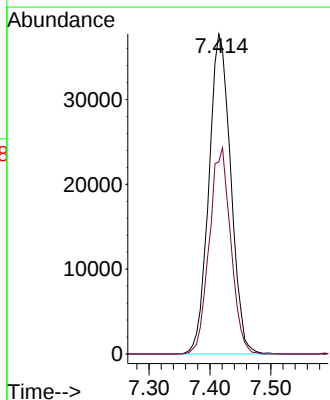
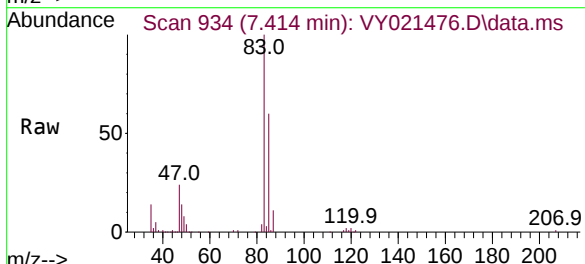
RT: 7.414 min Scan# 934

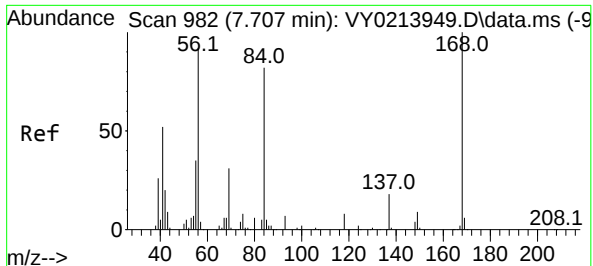
Delta R.T. -0.012 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Tgt Ion:	83	Resp:	94319
Ion Ratio	Lower	Upper	
83	100		
85	60.1	53.1	79.7





#31

Cyclohexane

Concen: 16.676 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.012 min

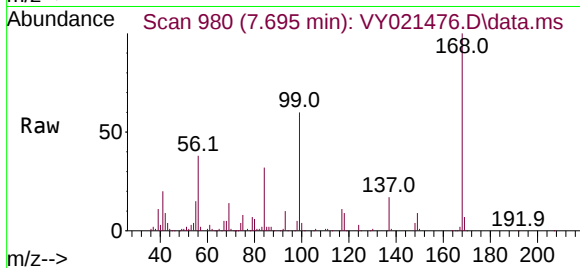
Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :



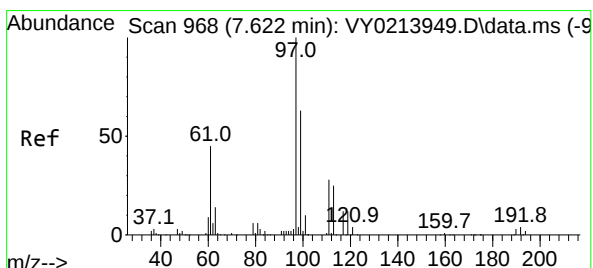
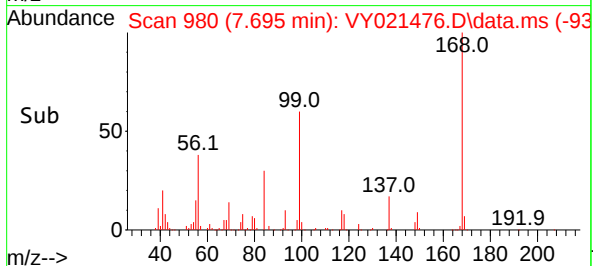
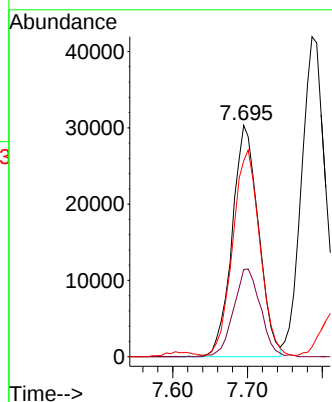
Tgt Ion: 56 Resp: 74535

Ion Ratio Lower Upper

56 100

69 37.7 27.0 40.4

84 83.0 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 18.454 ug/l

RT: 7.610 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

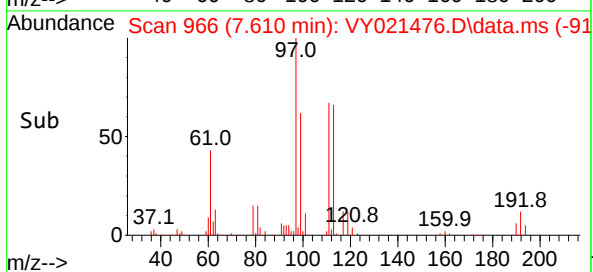
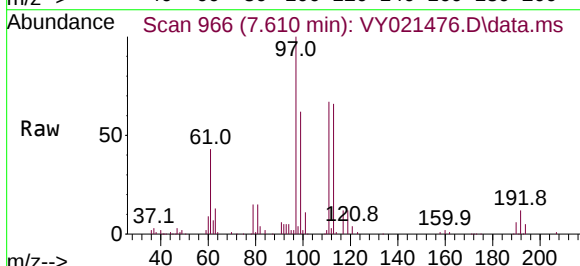
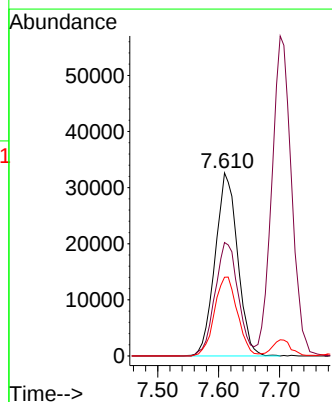
Tgt Ion: 97 Resp: 83652

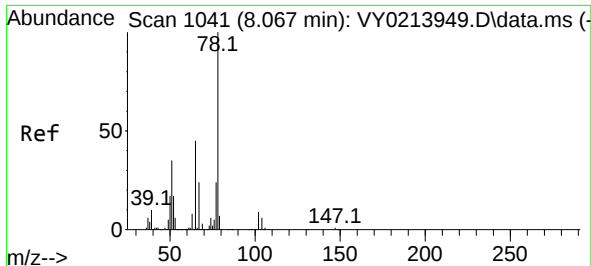
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 44.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 52.441 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

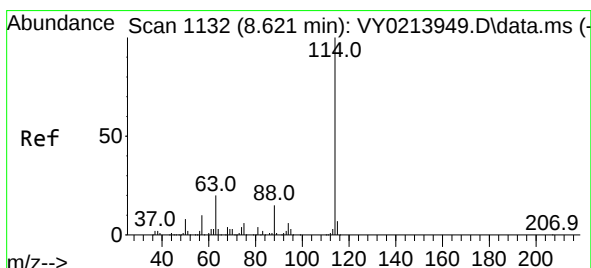
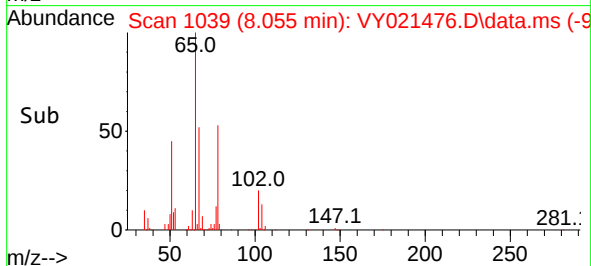
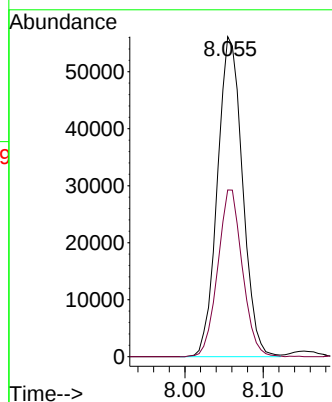
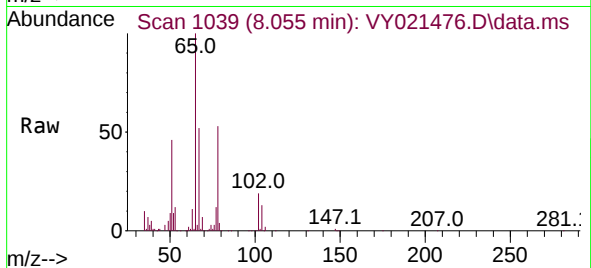
ClientSampleId :

Tgt Ion: 65 Resp: 125150

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

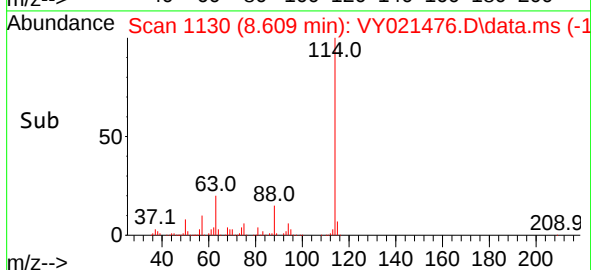
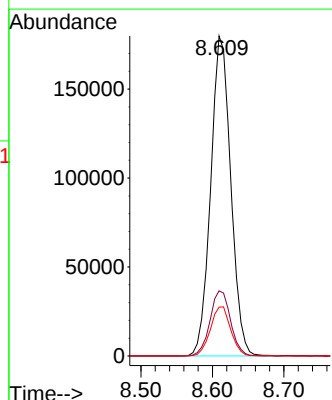
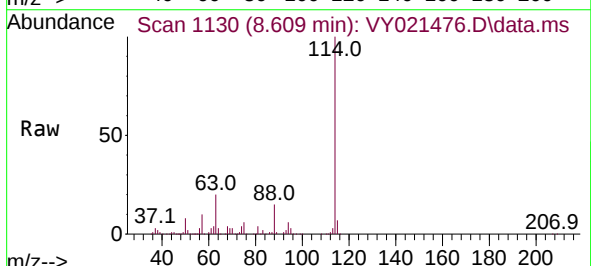
Tgt Ion: 114 Resp: 350967

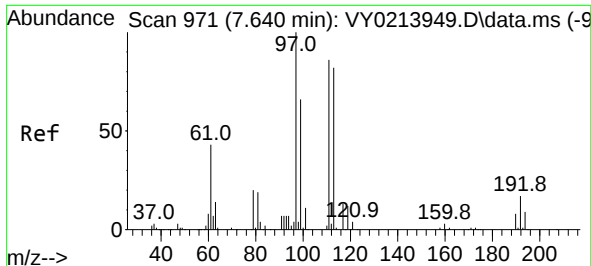
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

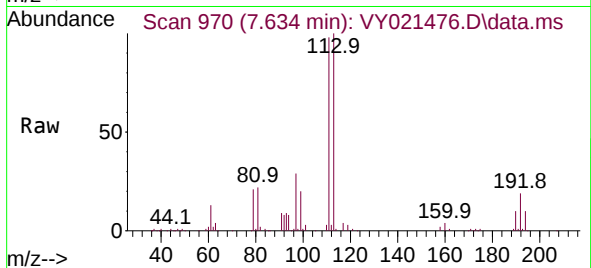
88 15.2 0.0 30.8



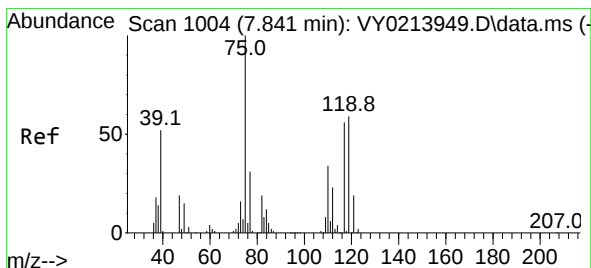
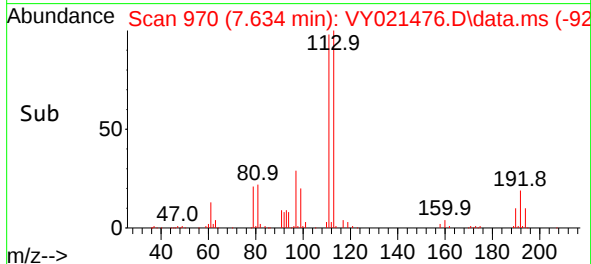
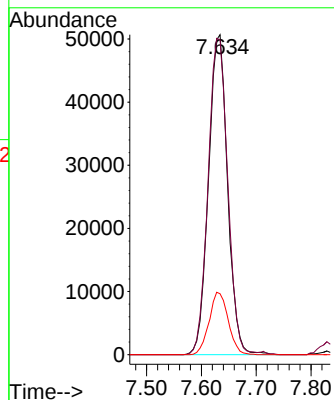


#35
Dibromofluoromethane
Concen: 52.921 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Instrument :
MSVOA_Y
ClientSampleId :

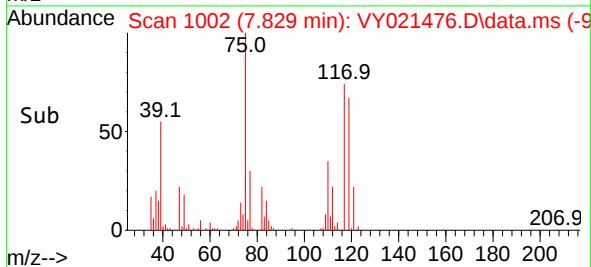
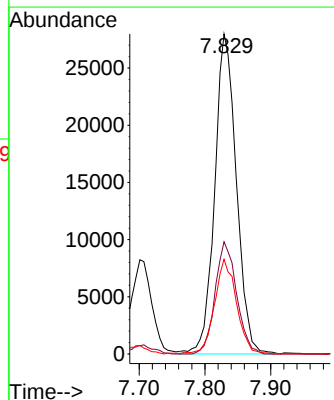
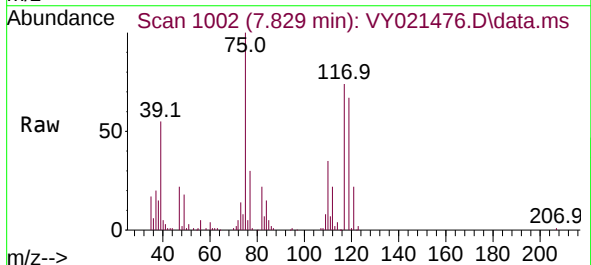


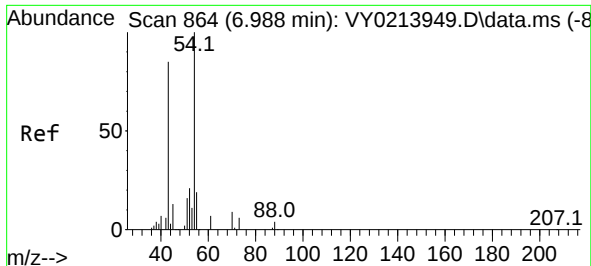
Tgt Ion:113 Resp: 122087
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 17.769 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 75 Resp: 64167
Ion Ratio Lower Upper
75 100
110 34.7 17.3 51.7
77 29.9 25.4 38.2





#37

Ethyl Acetate

Concen: 17.889 ug/l

RT: 6.975 min Scan# 81

Delta R.T. -0.012 min

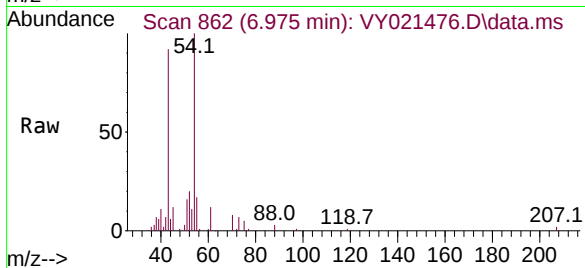
Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

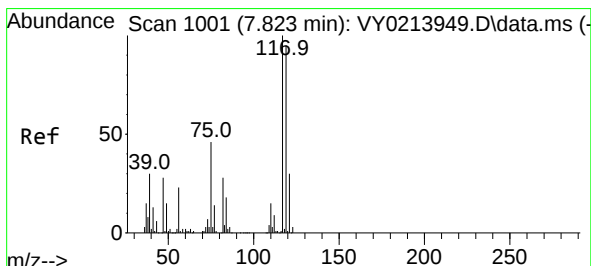
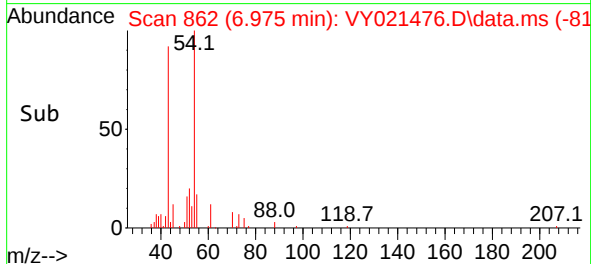
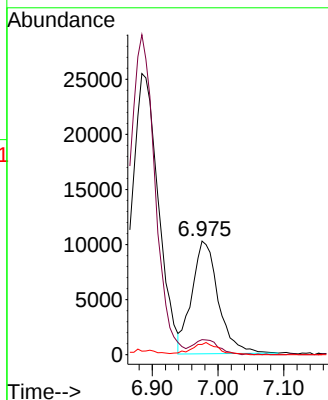
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	28552
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.4	17.0
70	10.6	8.2	12.2



#38

Carbon Tetrachloride

Concen: 18.008 ug/l

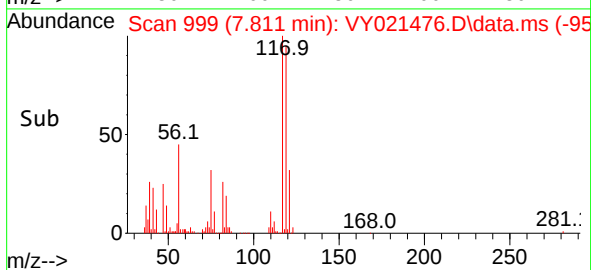
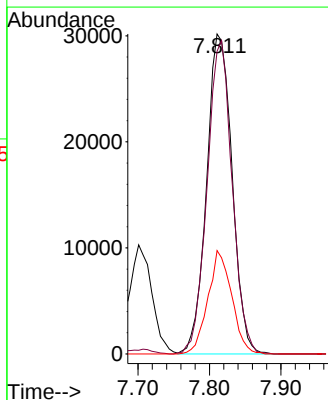
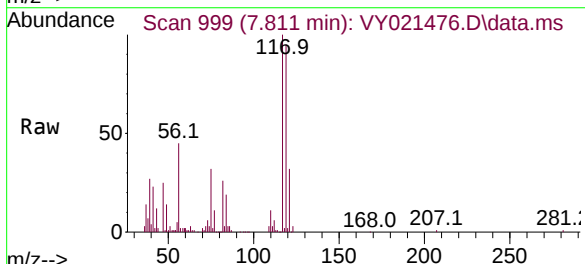
RT: 7.811 min Scan# 999

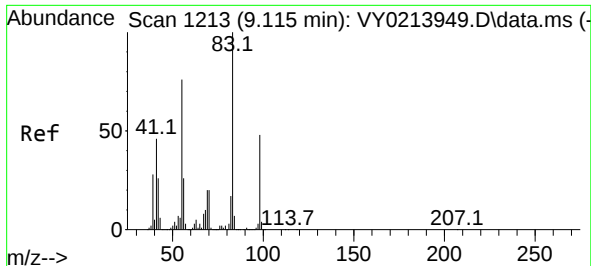
Delta R.T. -0.012 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Tgt Ion:	117	Resp:	74788
Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.8	113.8
121	32.3	23.9	35.9

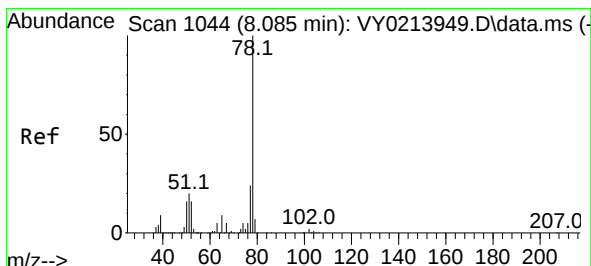
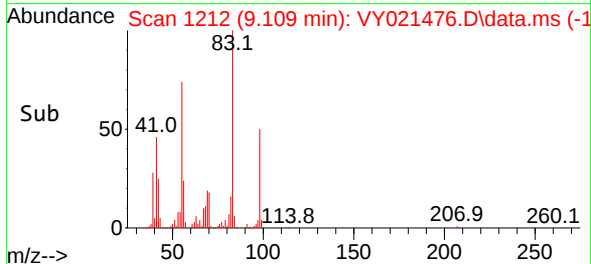
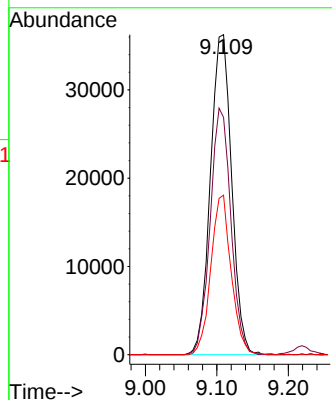
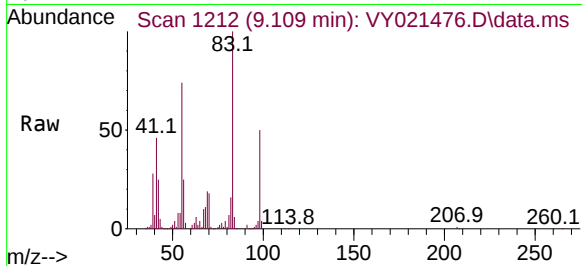




#39
Methylcyclohexane
Concen: 16.892 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

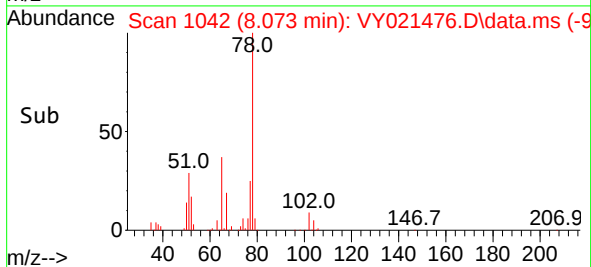
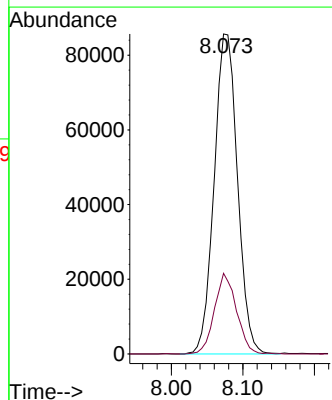
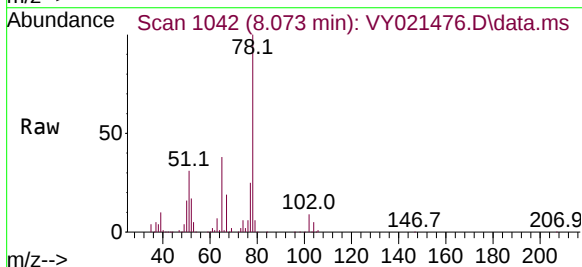
Instrument :
MSVOA_Y
ClientSampleId :

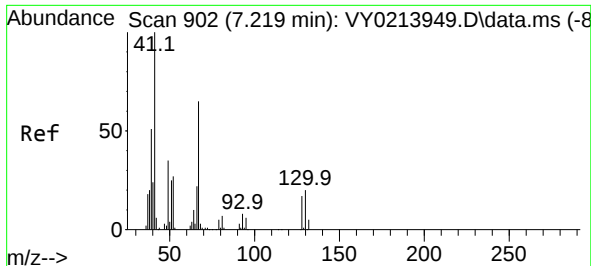
Tgt Ion	83	Resp	74823
Ion Ratio	Lower	Upper	
83	100		
55	74.1	60.7	91.1
98	49.8	38.6	57.8



#40
Benzene
Concen: 18.250 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.012 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

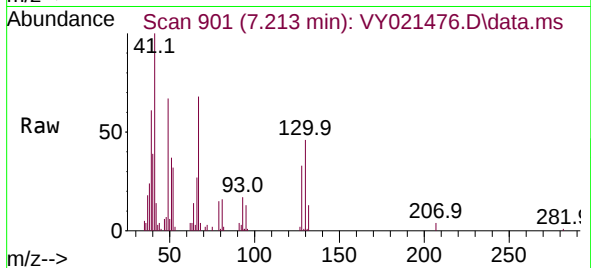
Tgt Ion	78	Resp	194135
Ion Ratio	Lower	Upper	
78	100		
77	25.2	19.0	28.4



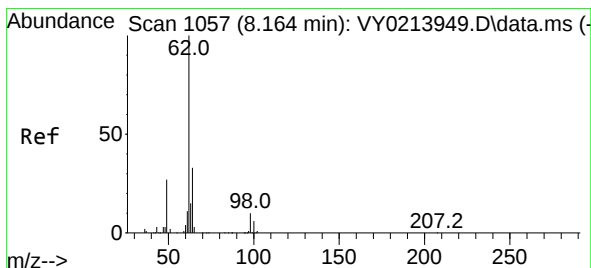
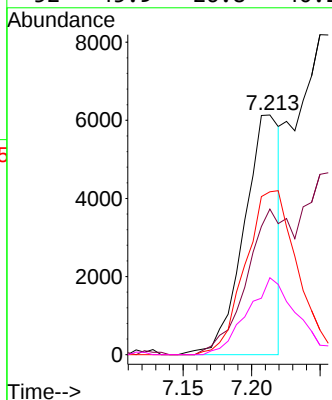
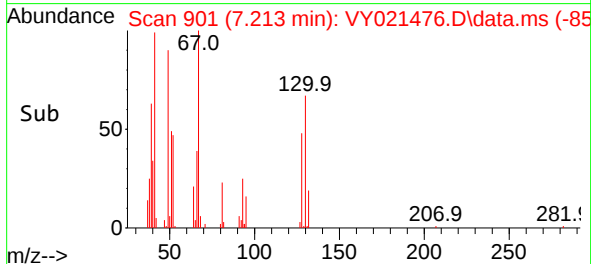


#41
Methacrylonitrile
Concen: 12.800 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Instrument :
MSVOA_Y
ClientSampleId :

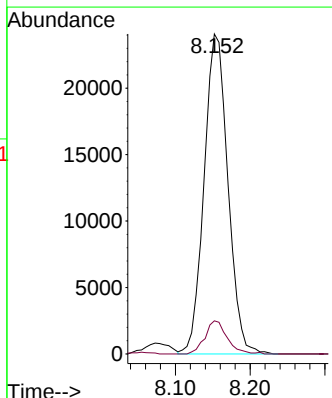
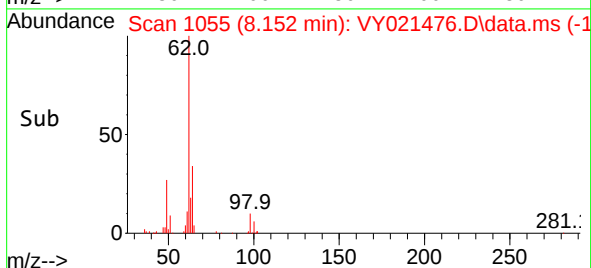
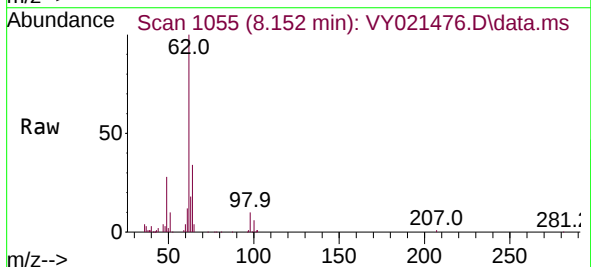


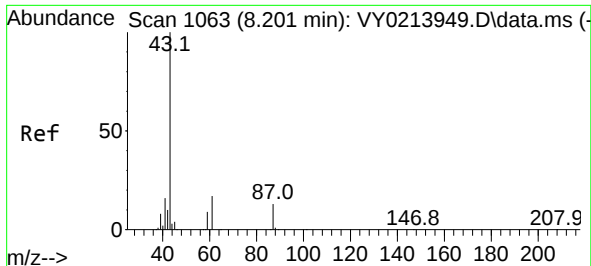
Tgt Ion:	41	Resp:	11124
Ion	Ratio	Lower	Upper
41	100		
39	78.1	35.0	52.6#
67	100.4	61.2	91.8#
52	45.9	26.8	40.2#



#42
1,2-Dichloroethane
Concen: 17.921 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion:	62	Resp:	53330
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.2

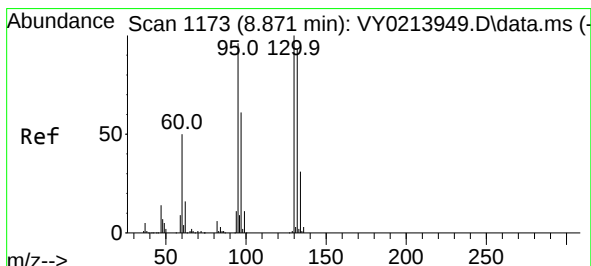
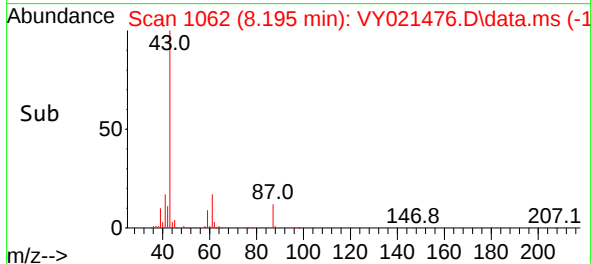
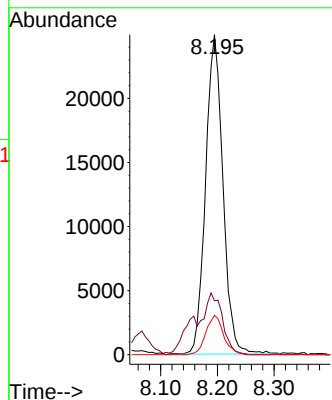
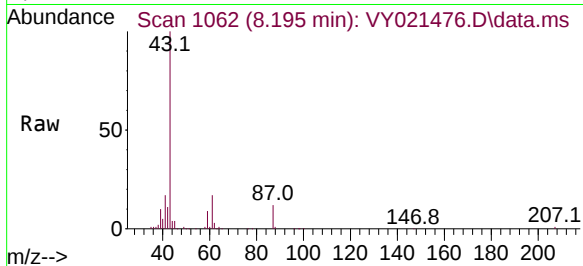




#43
Isopropyl Acetate
Concen: 17.108 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

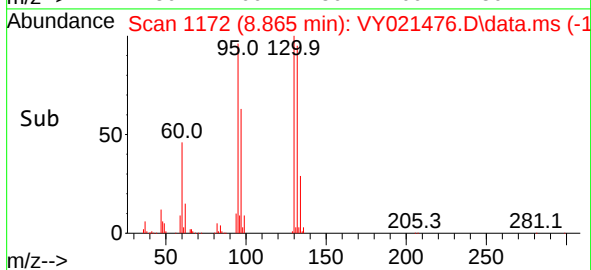
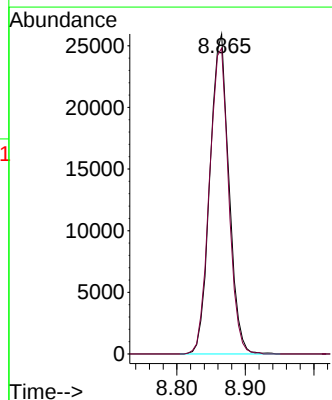
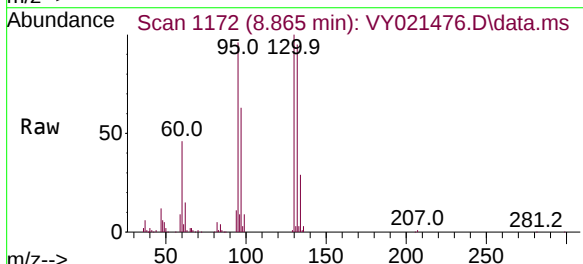
Instrument :
MSVOA_Y
ClientSampleId :

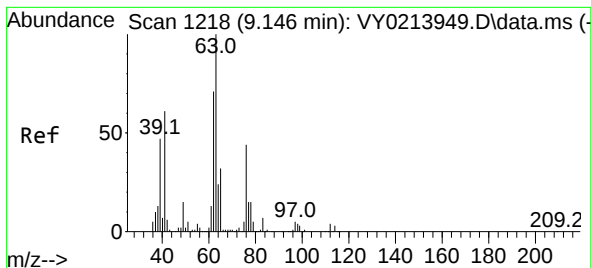
Tgt Ion: 43 Resp: 53006
Ion Ratio Lower Upper
43 100
61 20.9 23.4 35.0#
87 12.5 10.5 15.7



#44
Trichloroethene
Concen: 18.597 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion:130 Resp: 49991
Ion Ratio Lower Upper
130 100
95 95.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 18.223 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

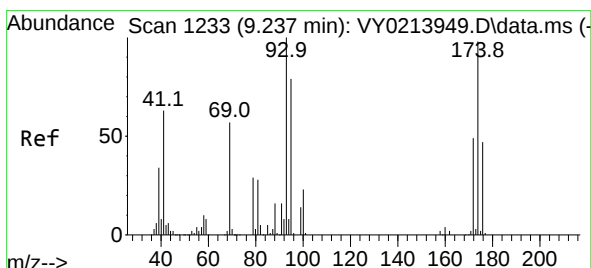
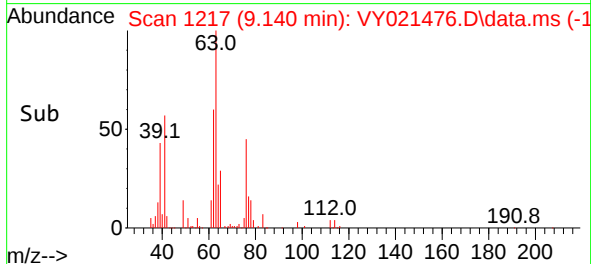
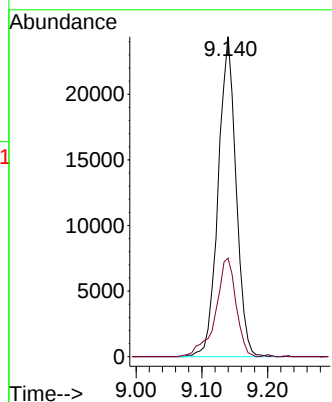
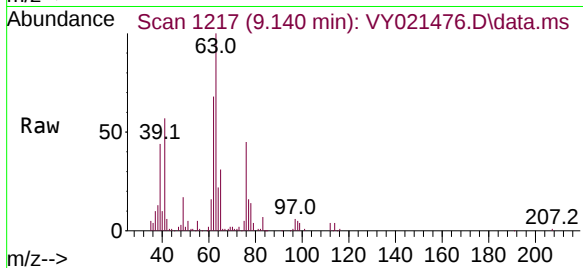
ClientSampleId :

Tgt Ion: 63 Resp: 46136

Ion Ratio Lower Upper

63 100

65 30.8 26.0 39.0



#46

Dibromomethane

Concen: 18.649 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.012 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

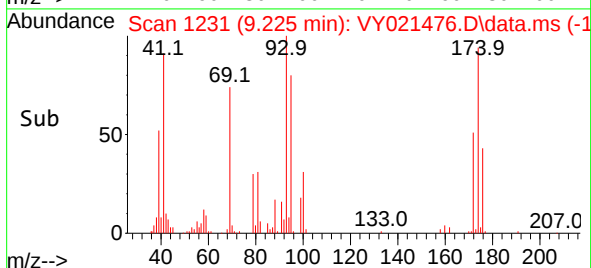
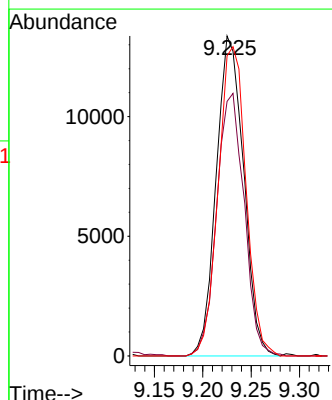
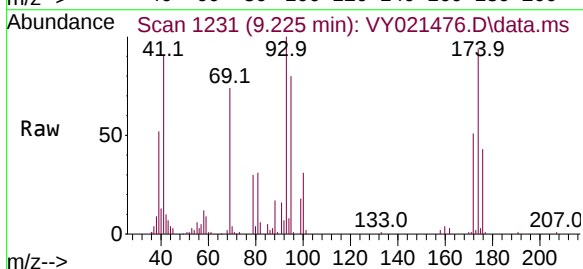
Tgt Ion: 93 Resp: 26271

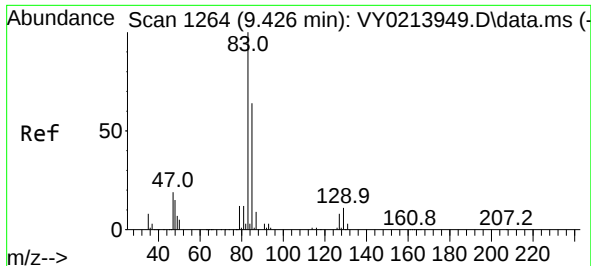
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.8

174 98.0 77.9 116.9

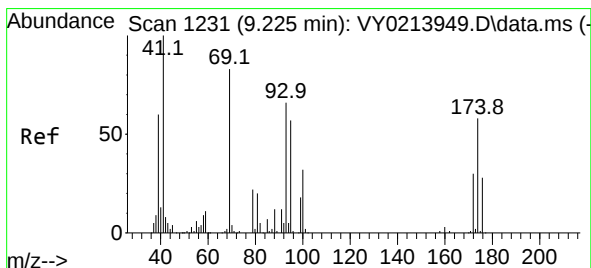
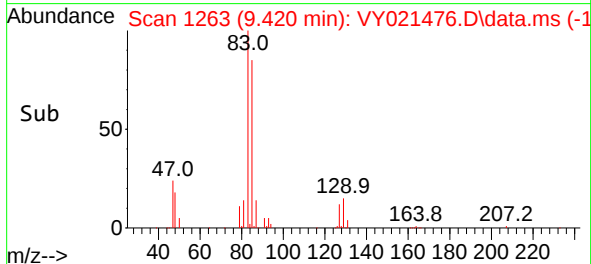
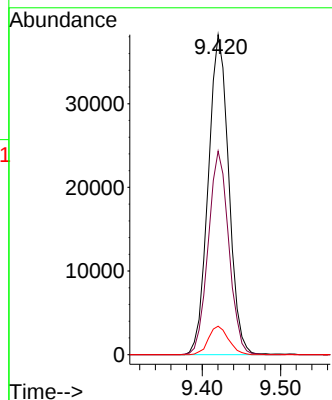
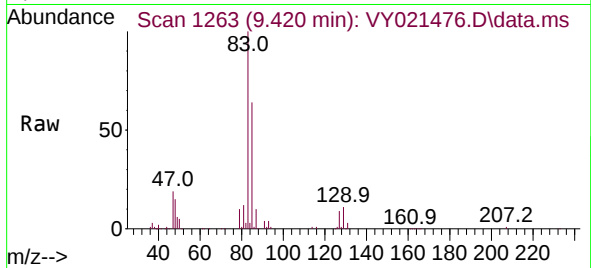




#47
Bromodichloromethane
Concen: 18.575 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

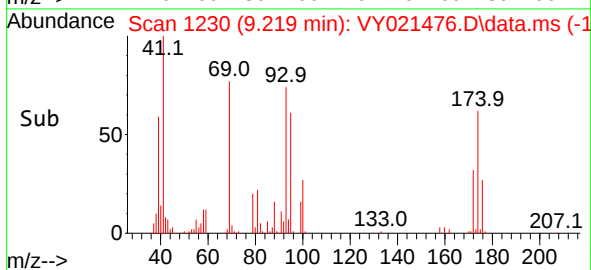
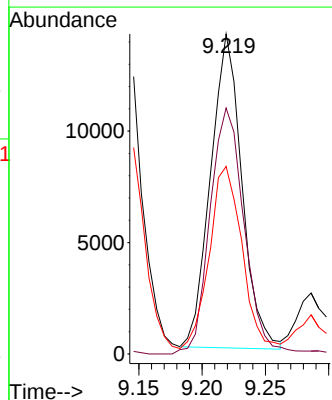
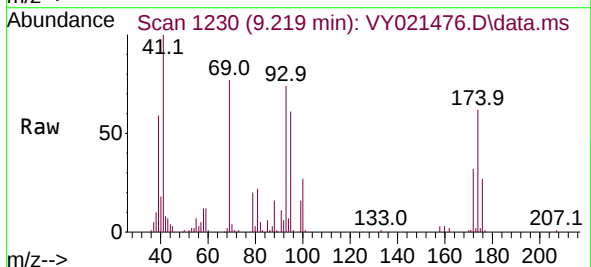
Instrument :
MSVOA_Y
ClientSampleId :

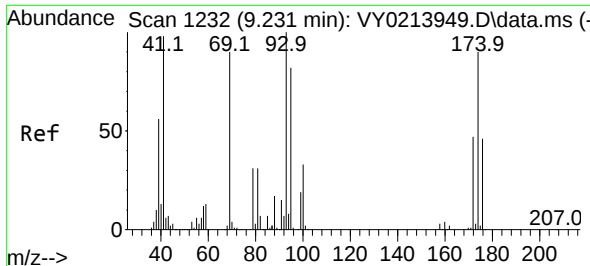
Tgt Ion: 83 Resp: 69491
Ion Ratio Lower Upper
83 100
85 63.6 51.1 76.7
127 8.9 6.7 10.1



#48
Methyl methacrylate
Concen: 17.036 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 41 Resp: 24238
Ion Ratio Lower Upper
41 100
69 85.8 67.8 101.8
39 60.9 46.4 69.6





#49

1,4-Dioxane

Concen: 390.187 ug/l

RT: 9.219 min Scan# 11

Delta R.T. -0.012 min

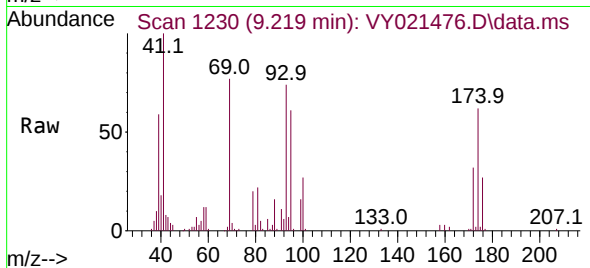
Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :



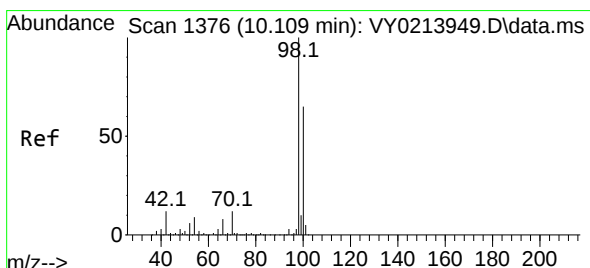
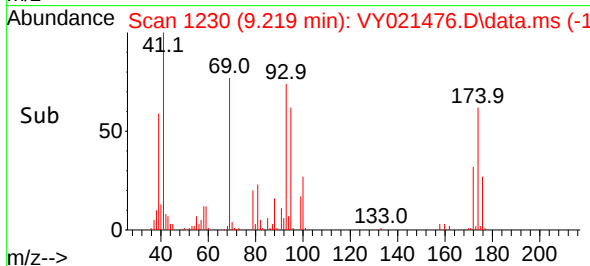
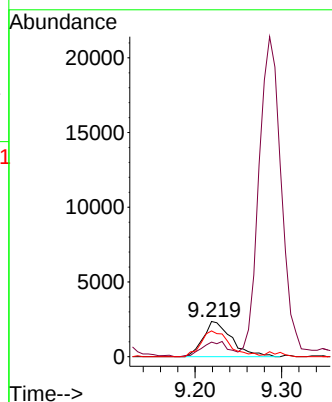
Tgt Ion: 88 Resp: 5395

Ion Ratio Lower Upper

88 100

43 40.0 25.0 37.4#

58 72.4 58.4 87.6



#50

Toluene-d8

Concen: 52.214 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021476.D

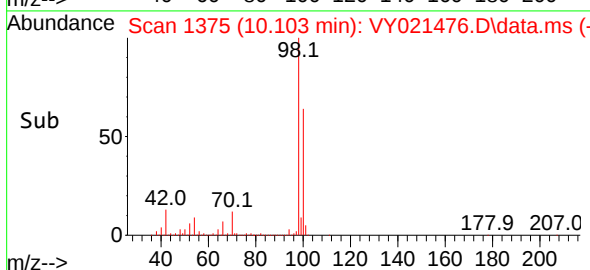
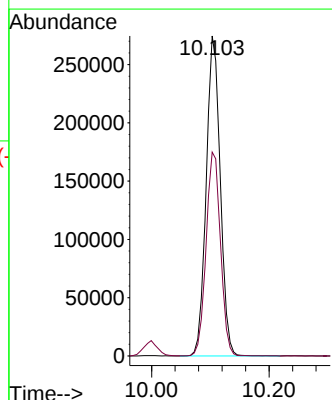
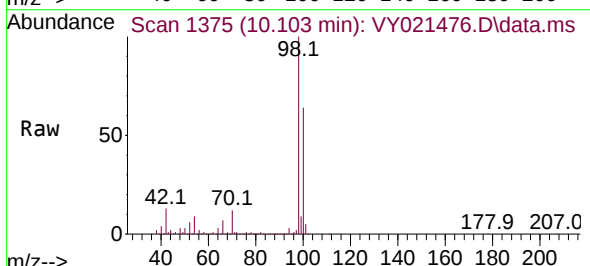
Acq: 11 Mar 2025 11:03

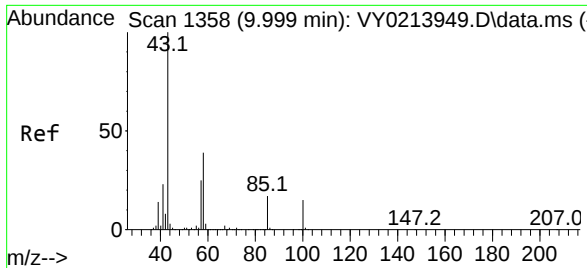
Tgt Ion: 98 Resp: 456082

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

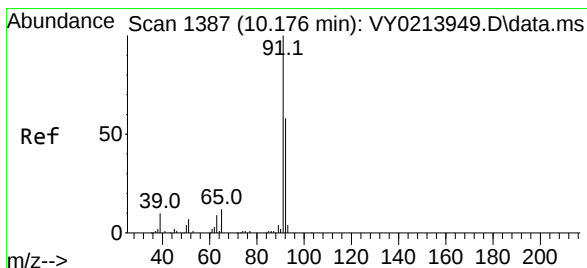
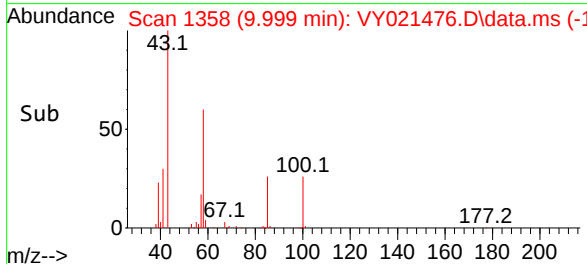
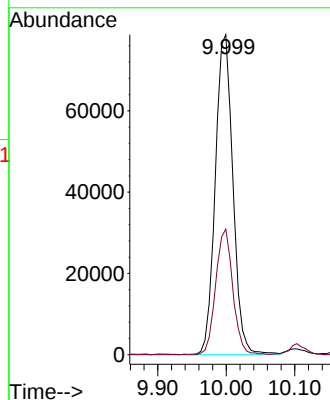
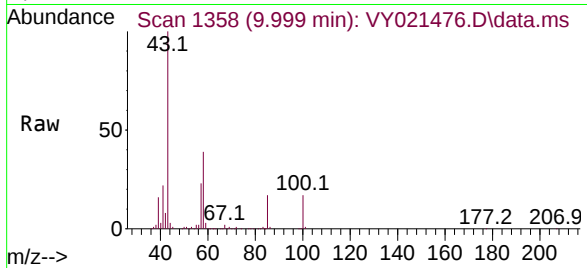




#51
4-Methyl-2-Pentanone
Concen: 87.848 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

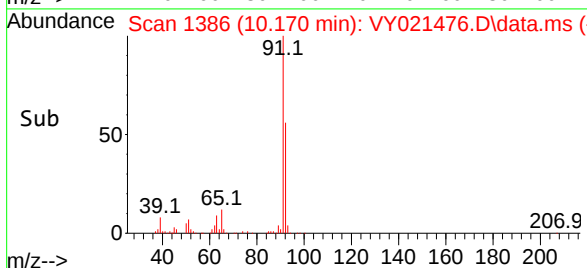
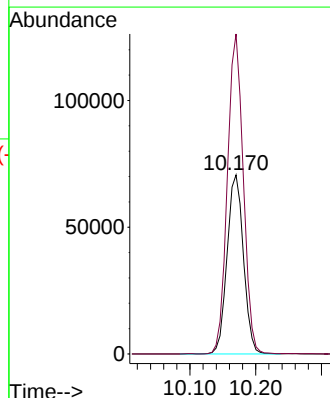
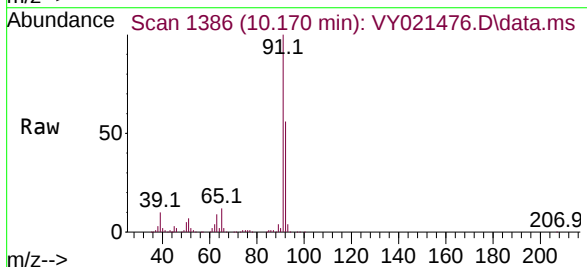
Instrument :
MSVOA_Y
ClientSampleId :

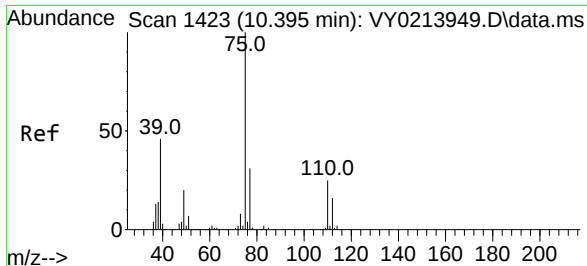
Tgt Ion: 43 Resp: 140438
Ion Ratio Lower Upper
43 100
58 38.1 31.4 47.2



#52
Toluene
Concen: 18.248 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 92 Resp: 122381
Ion Ratio Lower Upper
92 100
91 173.6 138.2 207.2

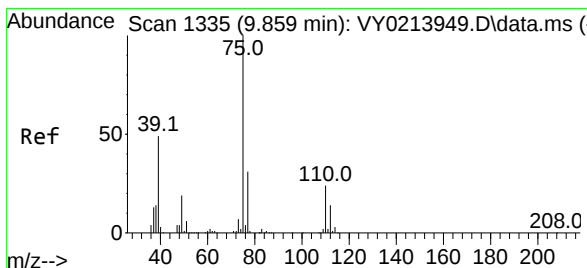
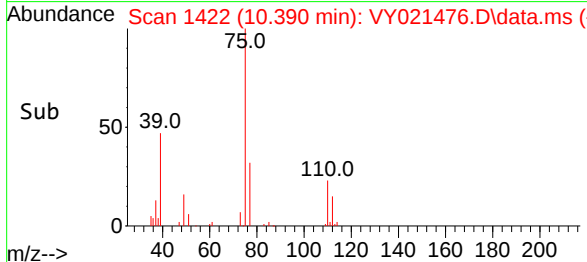
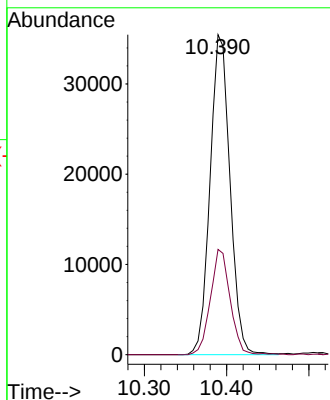
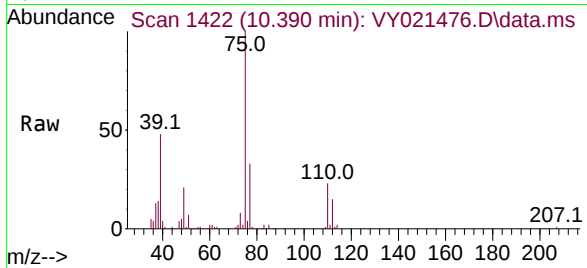




#53
 t-1,3-Dichloropropene
 Concen: 18.127 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

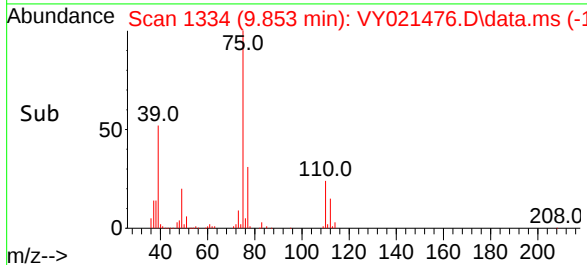
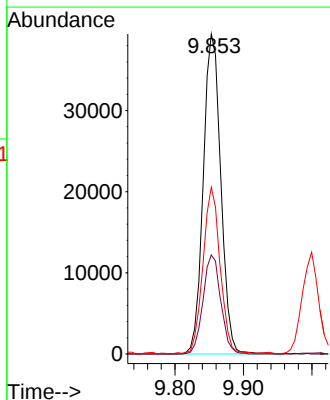
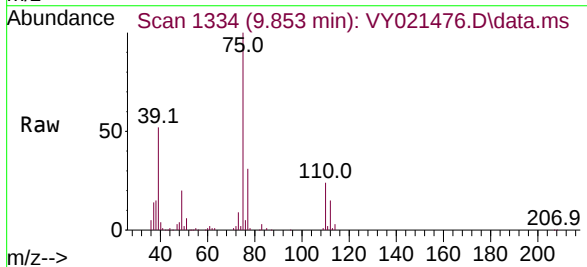
Instrument :
 MSVOA_Y
 ClientSampleId :

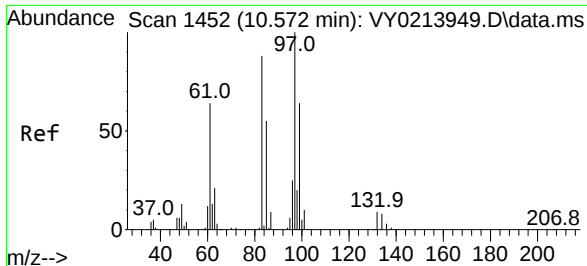
Tgt Ion: 75 Resp: 59746
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 17.971 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

Tgt Ion: 75 Resp: 70322
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 52.1 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 18.365 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 33841

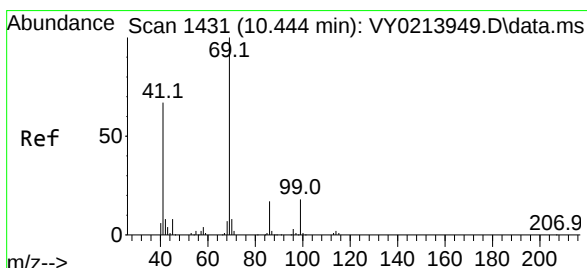
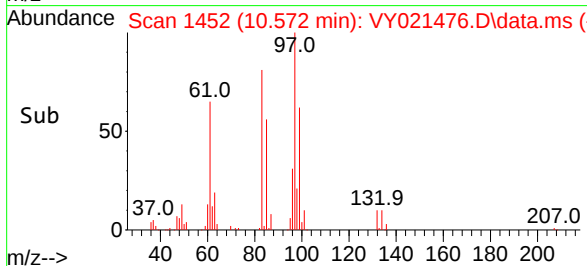
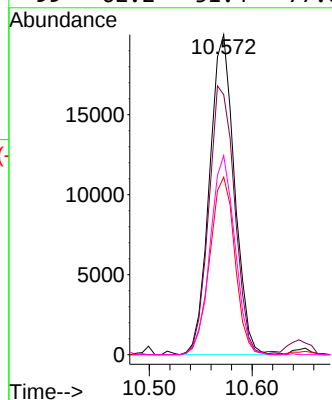
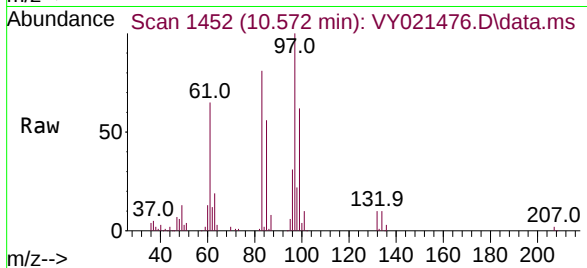
Ion Ratio Lower Upper

97 100

83 81.3 70.0 105.0

85 55.5 44.3 66.5

99 62.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 17.044 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

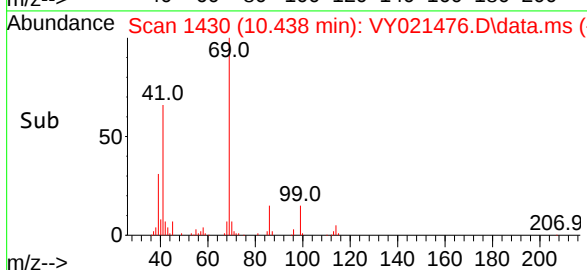
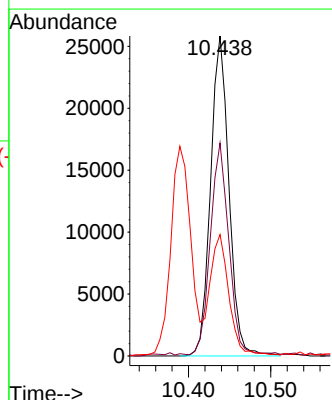
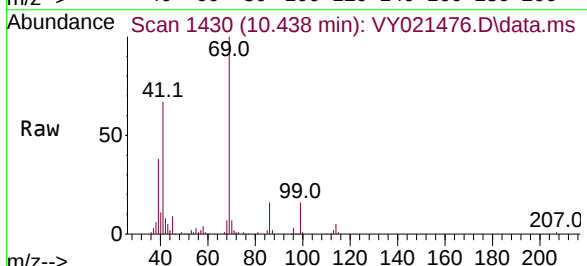
Tgt Ion: 69 Resp: 40054

Ion Ratio Lower Upper

69 100

41 66.0 53.3 79.9

39 39.2 31.0 46.6





#57

1,3-Dichloropropane

Concen: 17.933 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

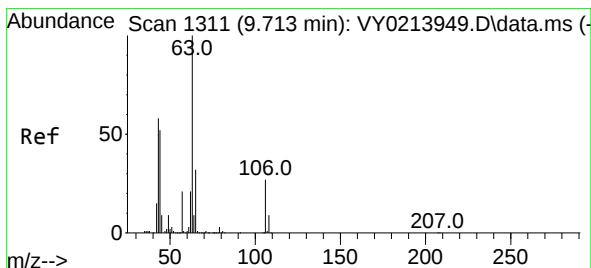
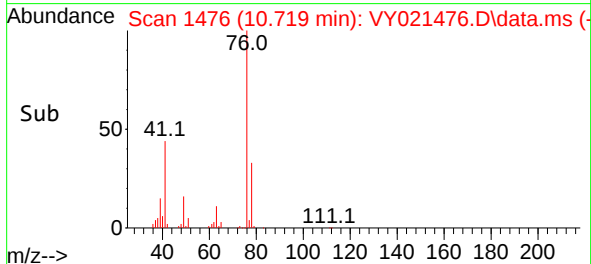
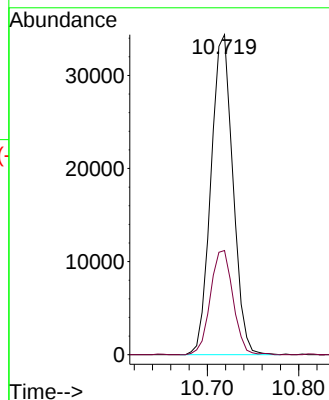
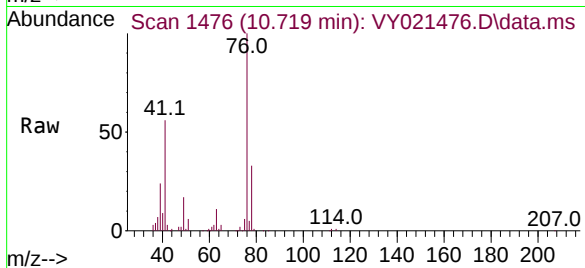
ClientSampleId :

Tgt Ion: 76 Resp: 57273

Ion Ratio Lower Upper

76 100

78 33.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 91.430 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021476.D

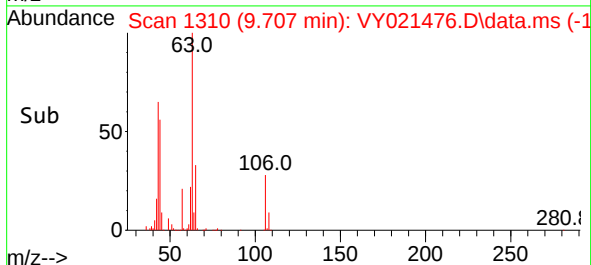
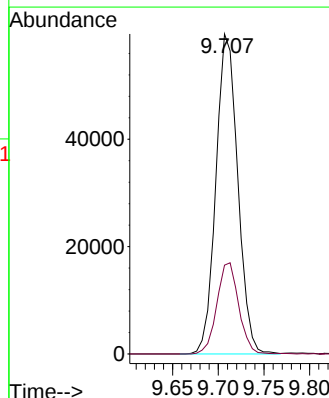
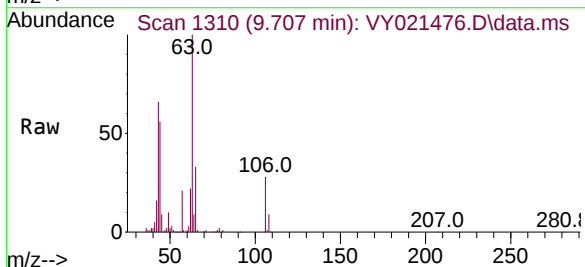
Acq: 11 Mar 2025 11:03

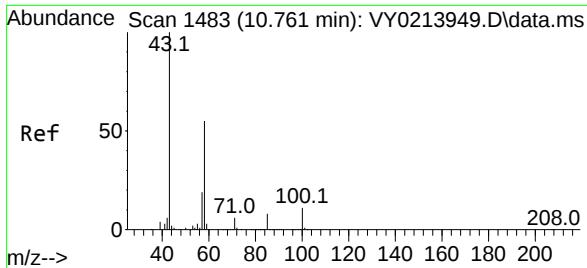
Tgt Ion: 63 Resp: 99189

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1

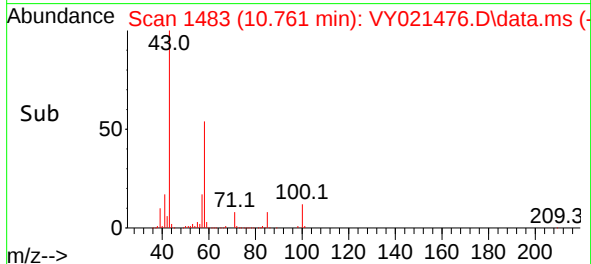
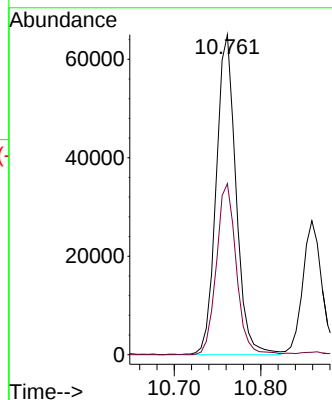
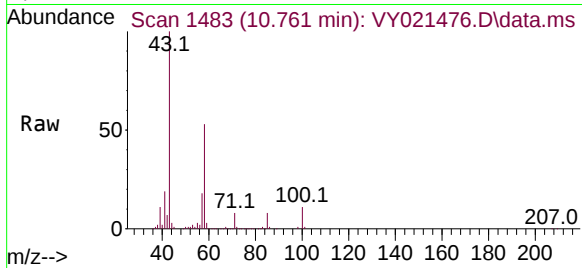




#59
2-Hexanone
Concen: 97.556 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

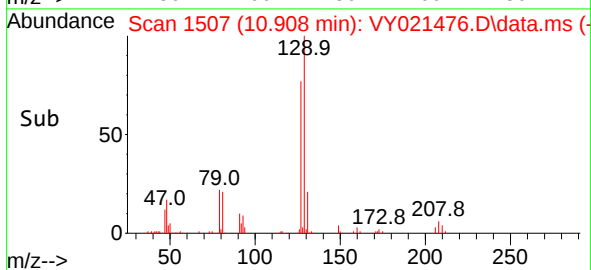
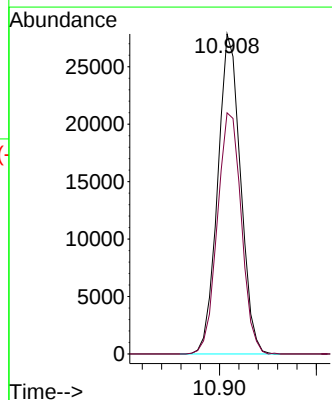
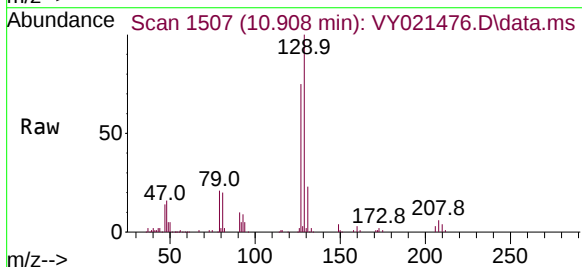
Instrument :
MSVOA_Y
ClientSampleId :

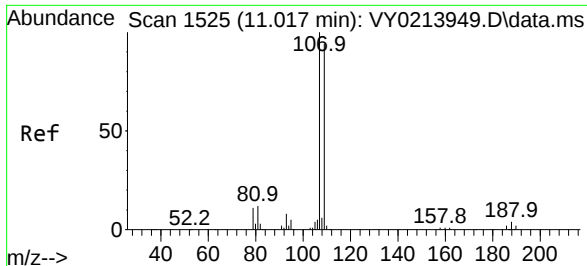
Tgt Ion: 43 Resp: 103124
Ion Ratio Lower Upper
43 100
58 53.8 27.3 81.8



#60
Dibromochloromethane
Concen: 18.038 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

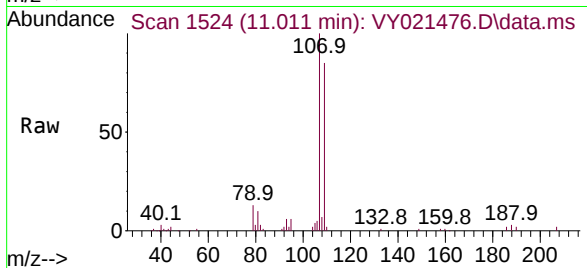
Tgt Ion: 129 Resp: 45567
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.3



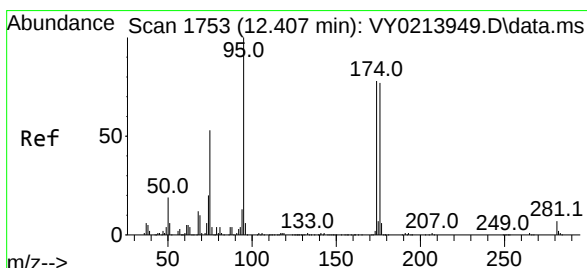
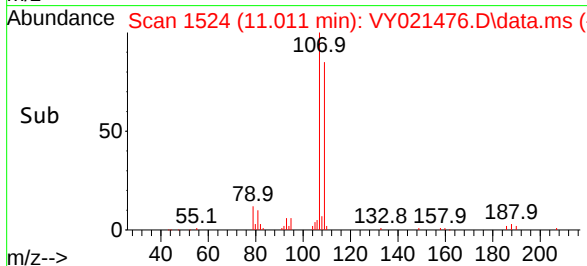
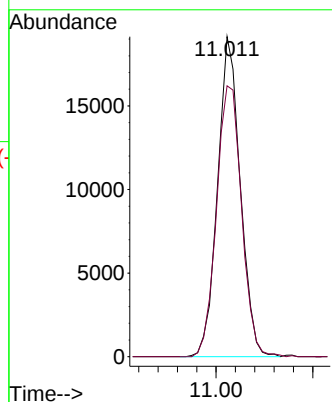


#61
 1,2-Dibromoethane
 Concen: 17.915 ug/l
 RT: 11.011 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

Instrument :
 MSVOA_Y
 ClientSampleId :

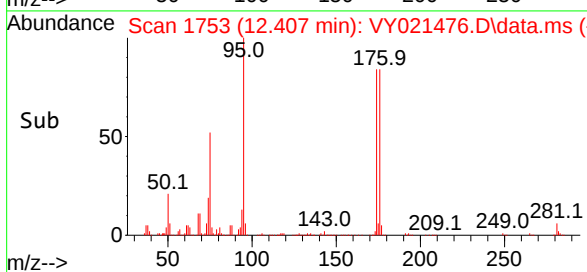
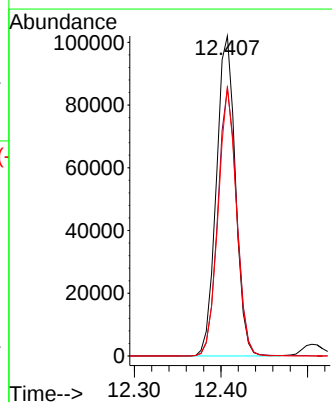
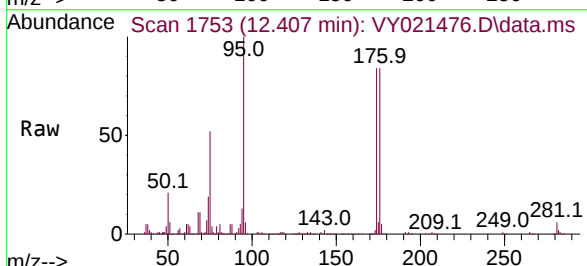


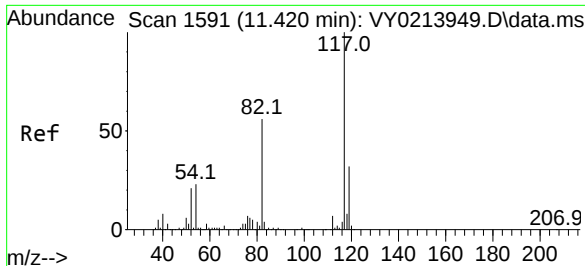
Tgt Ion:107 Resp: 31157
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 52.465 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

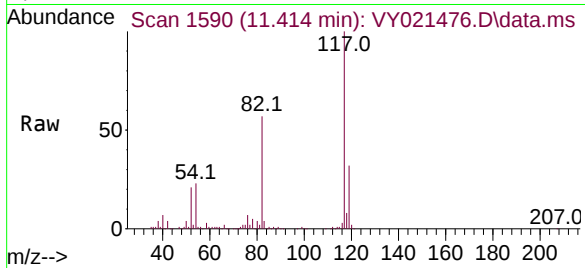
Tgt Ion: 95 Resp: 155886
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 165.0
 176 80.5 0.0 160.0



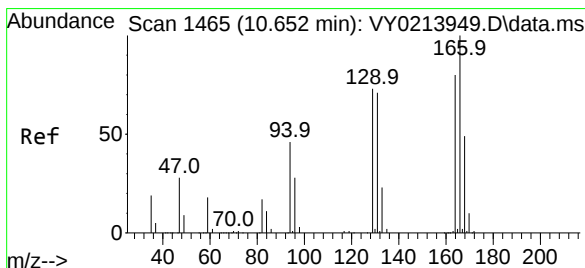
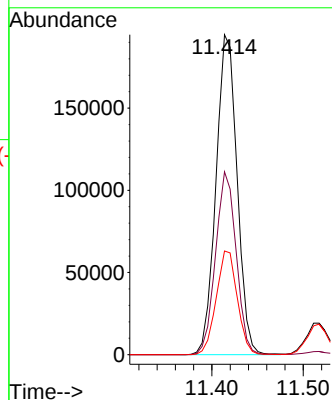
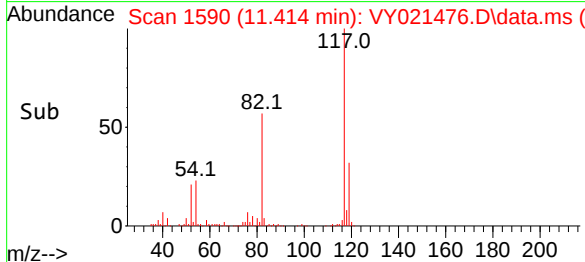


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Instrument :
MSVOA_Y
ClientSampleId :

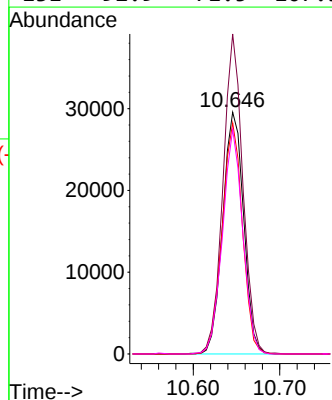
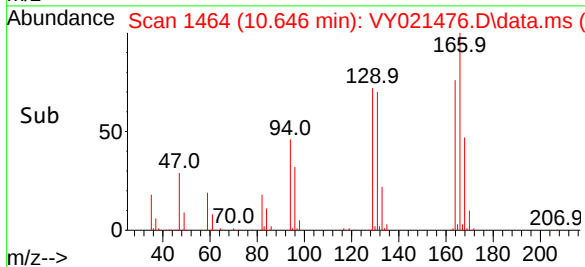
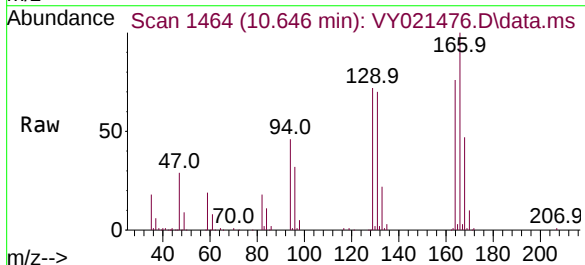


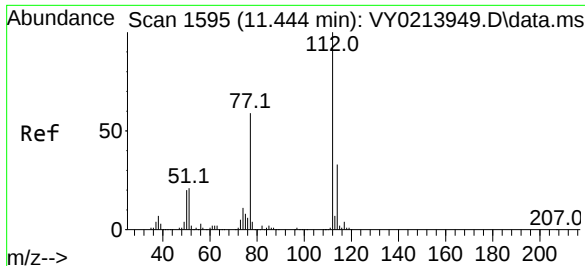
Tgt Ion:117 Resp: 312829
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 19.511 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion:164 Resp: 49633
Ion Ratio Lower Upper
164 100
166 132.3 100.4 150.6
129 95.5 73.8 110.8
131 92.9 71.5 107.3

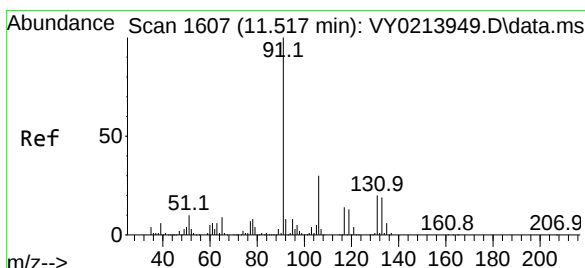
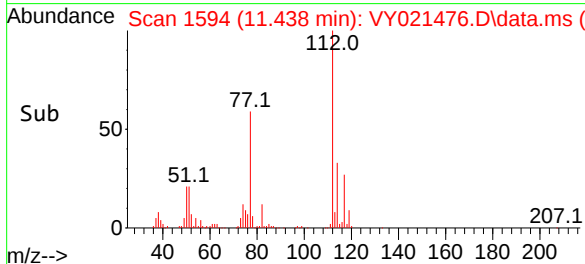
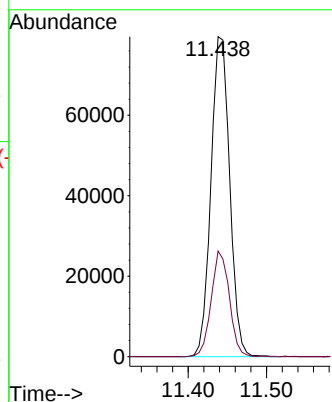
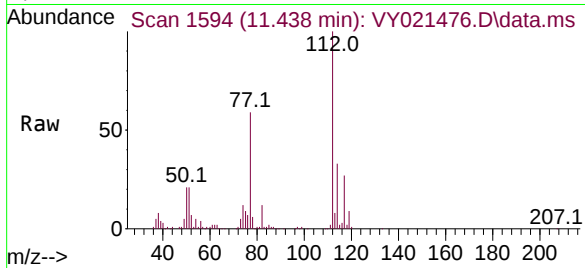




#65
Chlorobenzene
Concen: 17.897 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

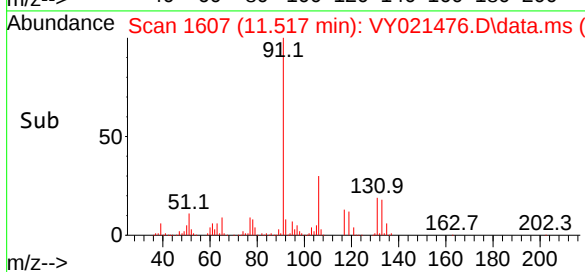
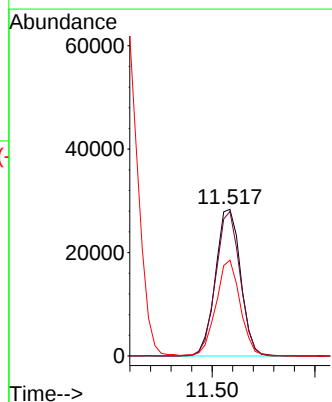
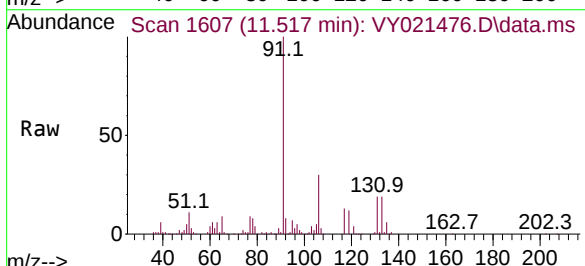
Instrument :
MSVOA_Y
ClientSampleId :

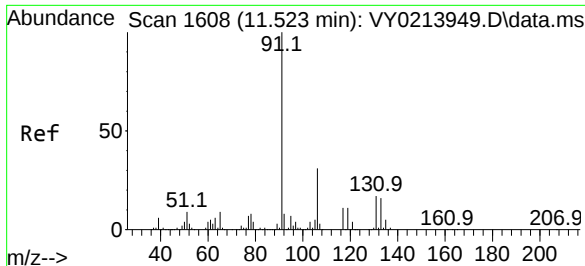
Tgt Ion:112 Resp: 132210
Ion Ratio Lower Upper
112 100
114 33.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.337 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion:131 Resp: 47893
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 63.4 32.3 96.9





#67

Ethyl Benzene

Concen: 17.481 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

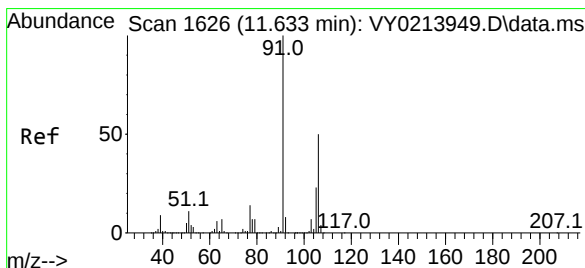
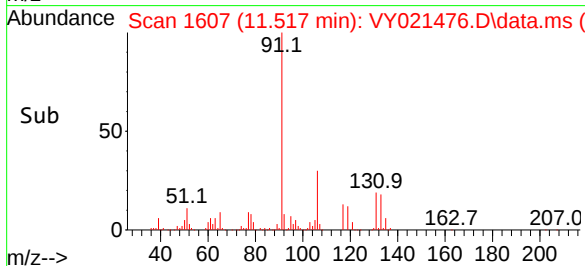
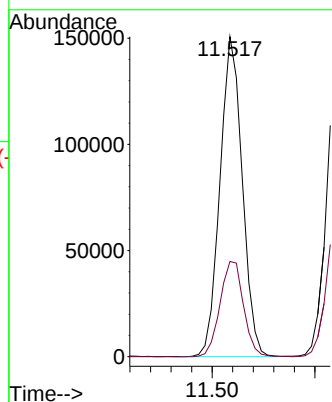
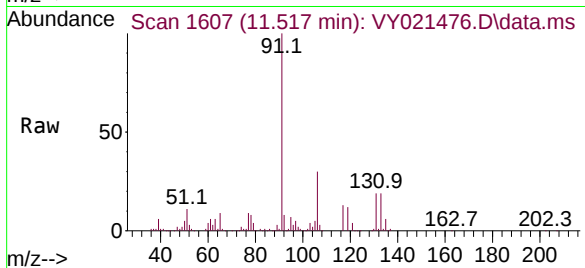
ClientSampleId :

Tgt Ion: 91 Resp: 226668

Ion Ratio Lower Upper

91 100

106 29.7 24.6 36.8



#68

m/p-Xylenes

Concen: 36.046 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021476.D

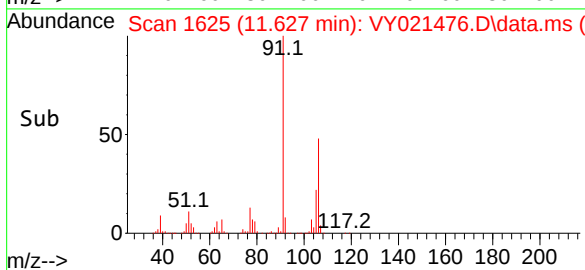
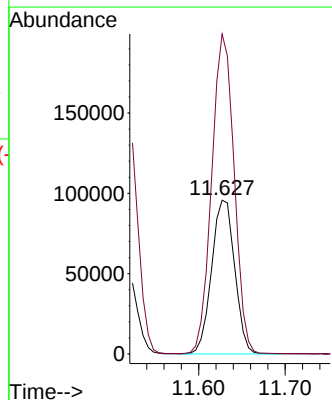
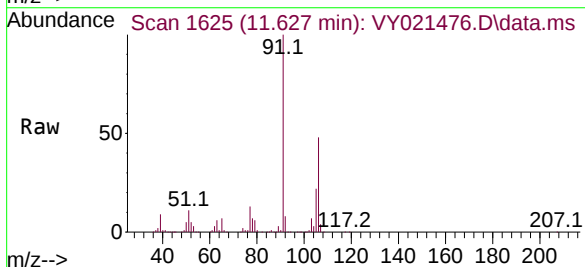
Acq: 11 Mar 2025 11:03

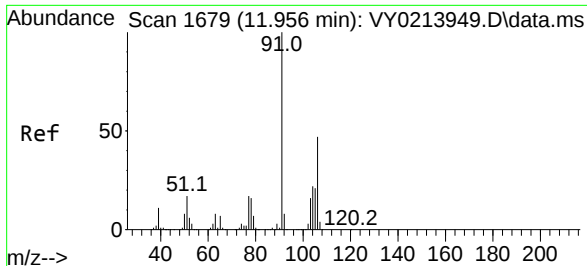
Tgt Ion:106 Resp: 177439

Ion Ratio Lower Upper

106 100

91 202.5 161.7 242.5





#69

o-Xylene

Concen: 17.495 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

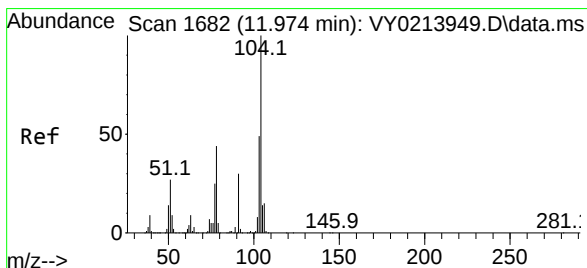
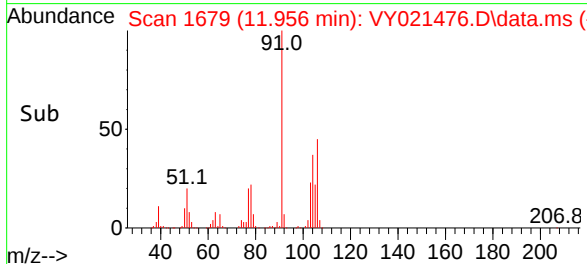
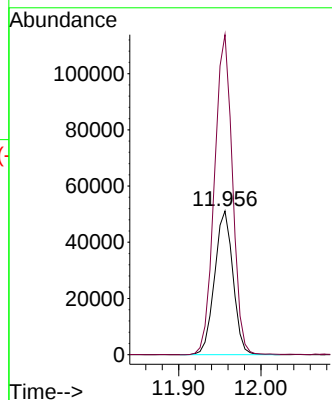
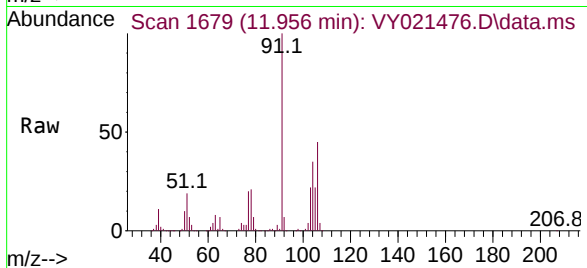
ClientSampleId :

Tgt Ion:106 Resp: 79371

Ion Ratio Lower Upper

106 100

91 218.5 107.6 322.8



#70

Styrene

Concen: 17.797 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

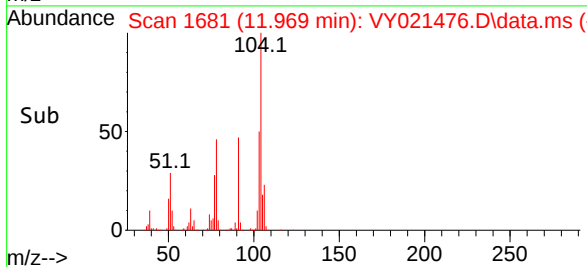
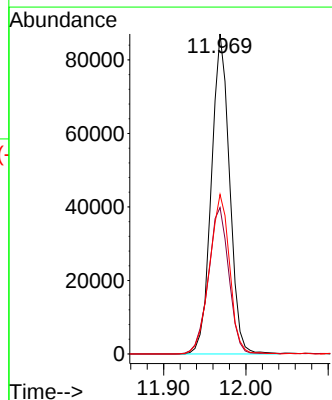
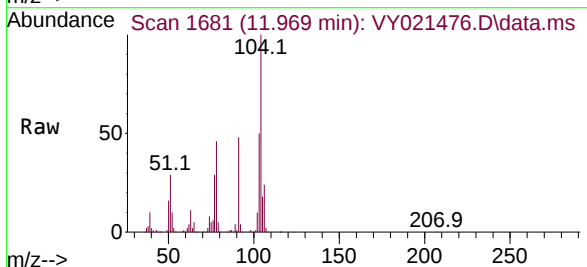
Tgt Ion:104 Resp: 133951

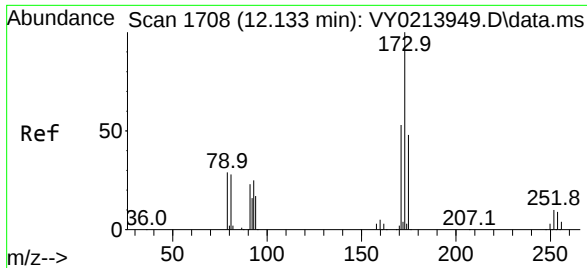
Ion Ratio Lower Upper

104 100

78 51.5 40.7 61.1

103 55.3 44.1 66.1

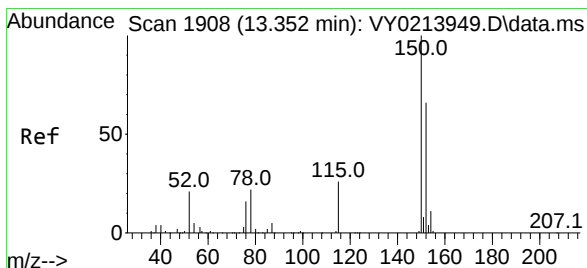
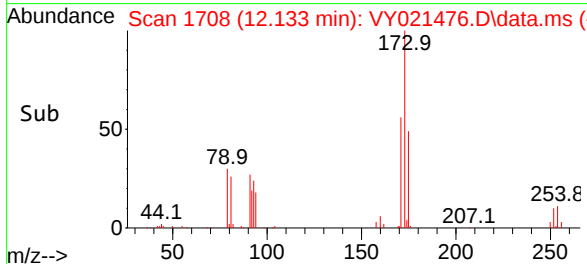
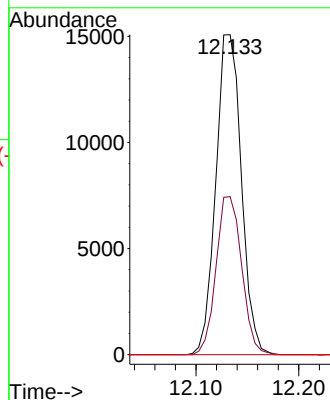
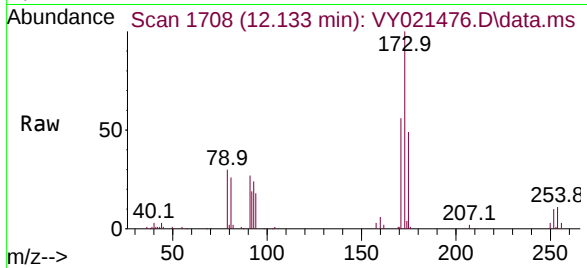




#71
Bromoform
Concen: 17.800 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

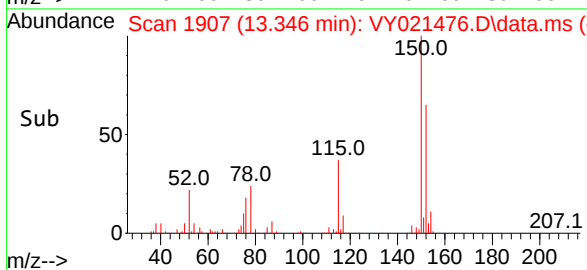
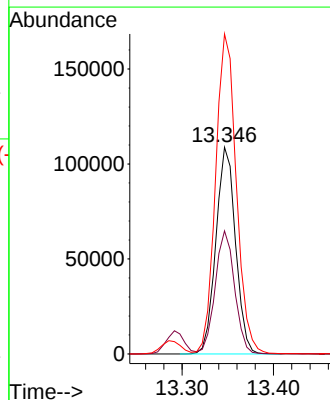
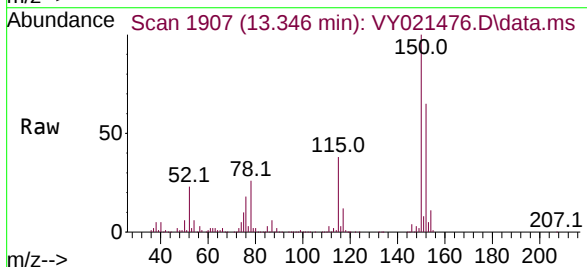
Instrument :
MSVOA_Y
ClientSampleId :

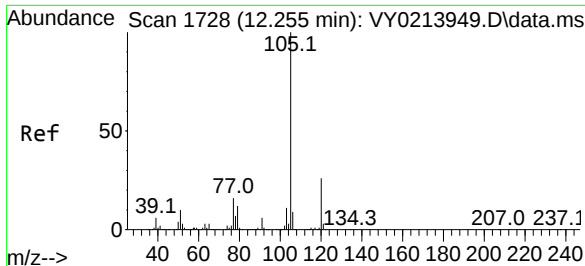
Tgt Ion:173 Resp: 25988
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion:152 Resp: 162394
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.0
150 163.8 0.0 347.2

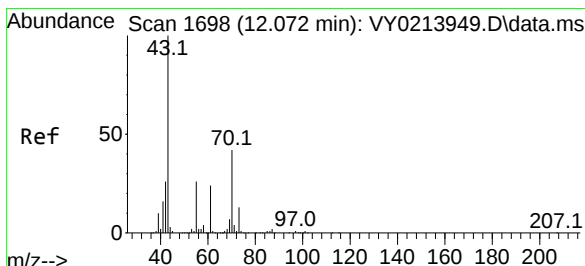
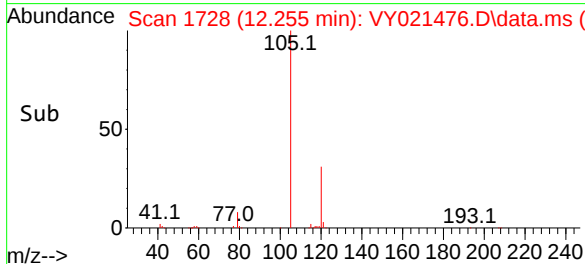
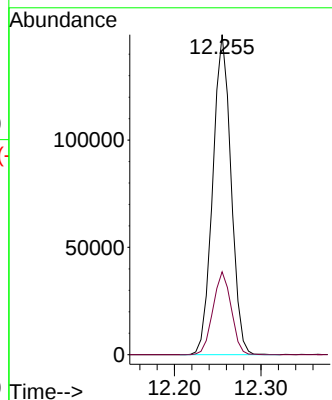
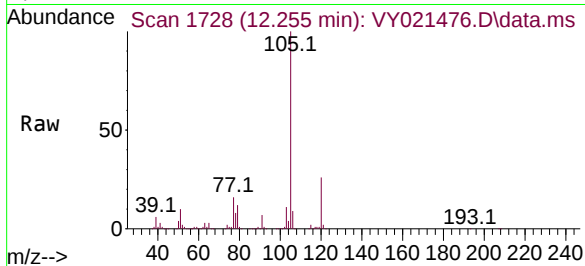




#73
Isopropylbenzene
Concen: 17.074 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

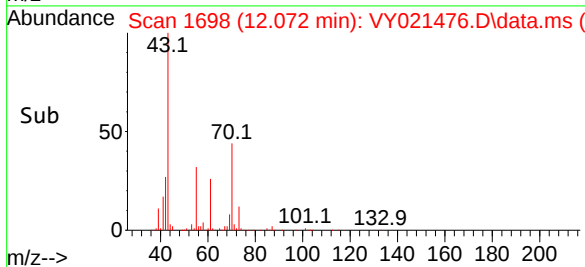
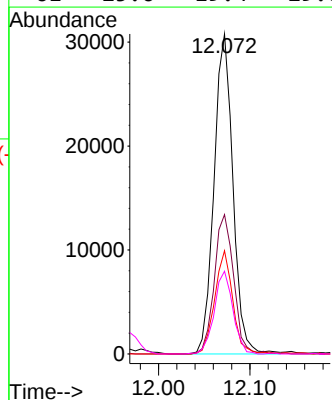
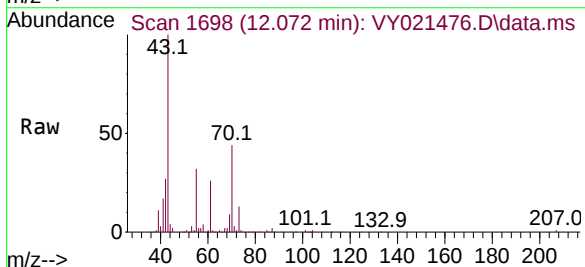
Instrument :
MSVOA_Y
ClientSampleId :

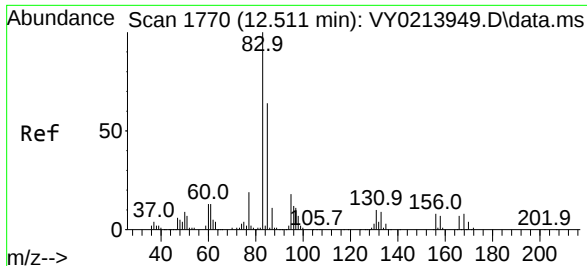
Tgt Ion:105 Resp: 218412
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3



#74
N-ethyl acetate
Concen: 15.917 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 43 Resp: 44220
Ion Ratio Lower Upper
43 100
70 44.6 34.6 51.8
55 31.0 21.1 31.7
61 25.6 19.4 29.0

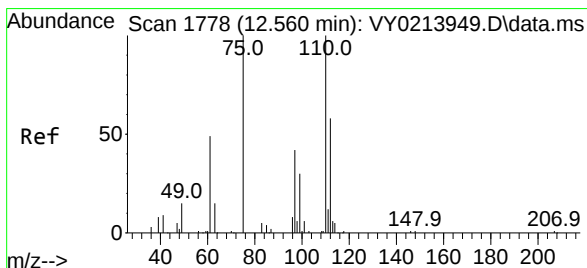
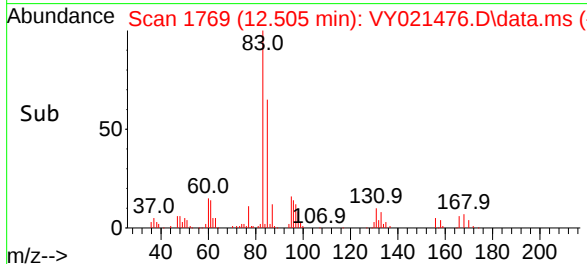
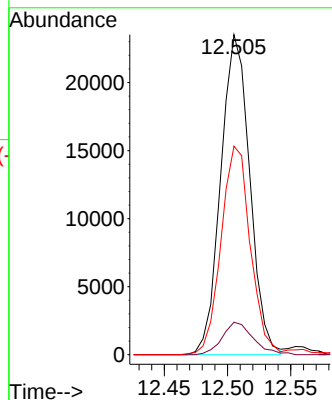
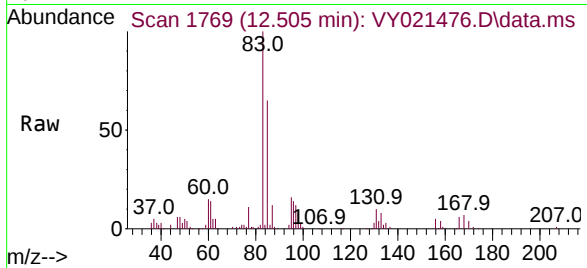




#75
 1,1,2-Tetrachloroethane
 Concen: 16.596 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

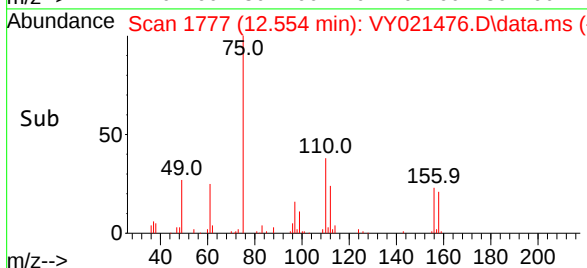
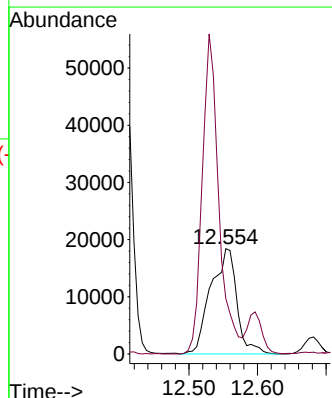
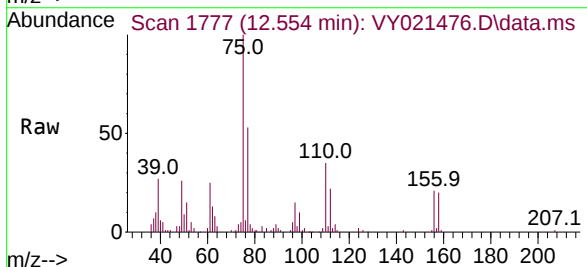
Instrument :
 MSVOA_Y
 ClientSampleId :

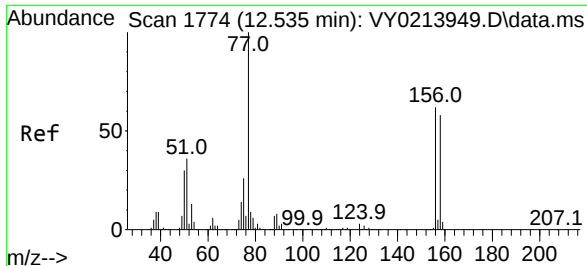
Tgt Ion: 83 Resp: 37463
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.3 16.1
 85 66.0 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 29.785 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

Tgt Ion: 75 Resp: 48740
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

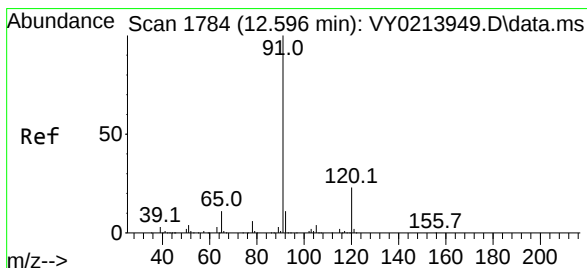
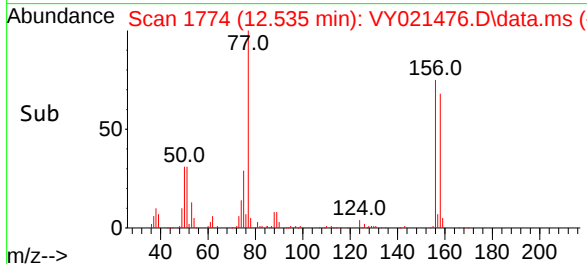
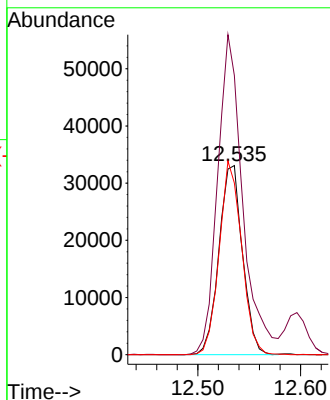
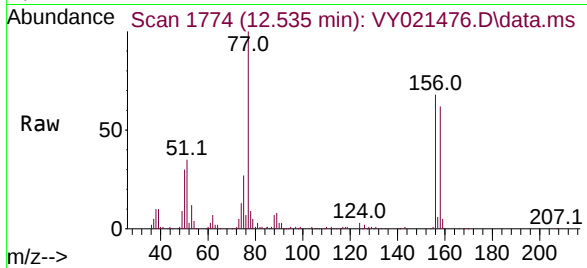




#77
Bromobenzene
Concen: 17.591 ug/l
RT: 12.535 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

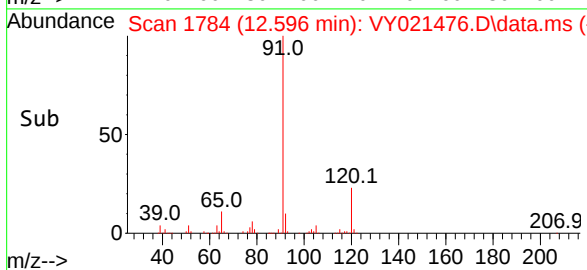
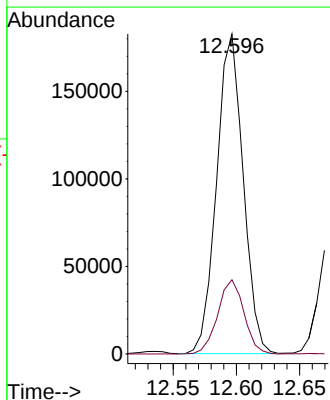
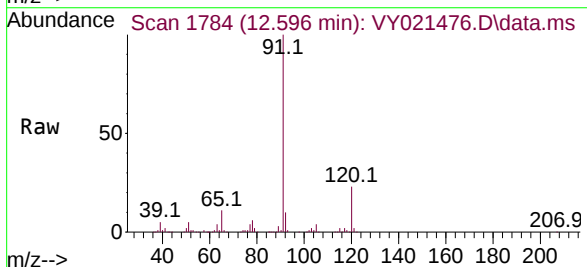
Instrument :
MSVOA_Y
ClientSampleId :

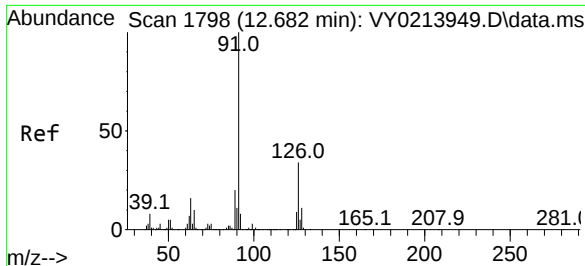
Tgt Ion	Ratio	Lower	Upper
156	100		
77	180.7	93.6	280.8
158	97.4	48.3	144.8



#78
n-propylbenzene
Concen: 17.141 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.8





#79

2-Chlorotoluene

Concen: 17.407 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

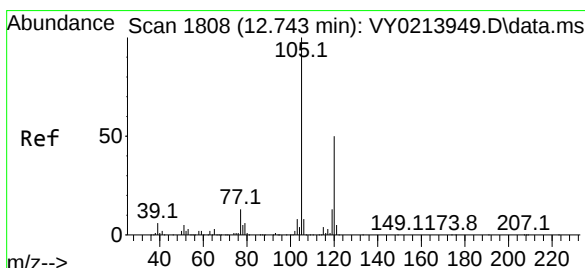
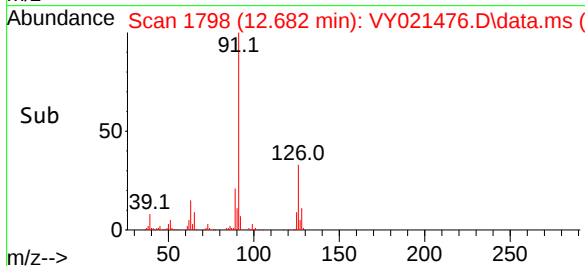
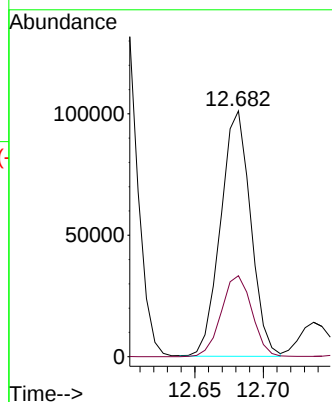
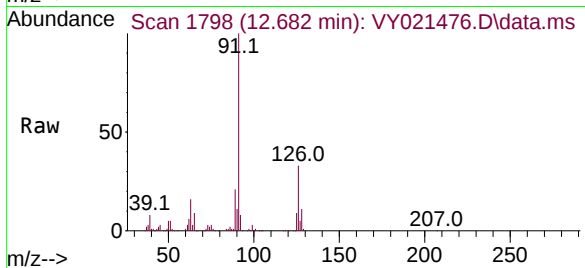
ClientSampleId :

Tgt Ion: 91 Resp: 154633

Ion Ratio Lower Upper

91 100

126 33.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 17.654 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021476.D

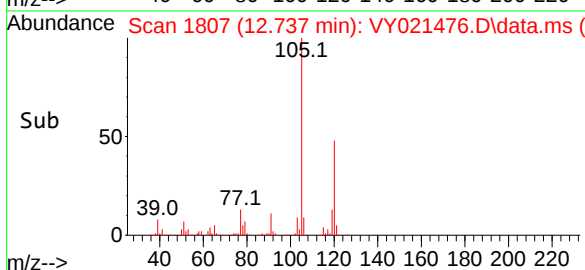
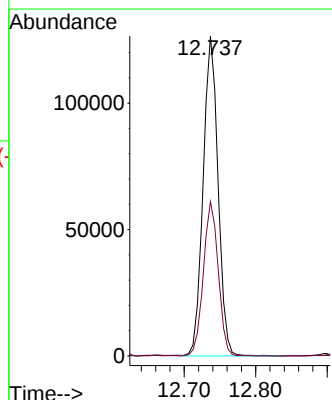
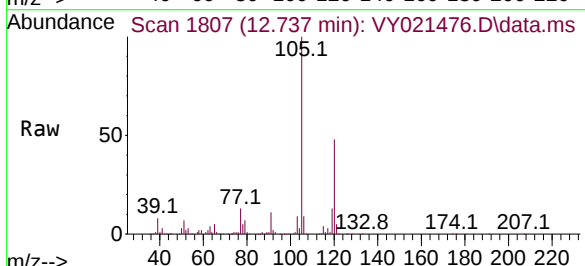
Acq: 11 Mar 2025 11:03

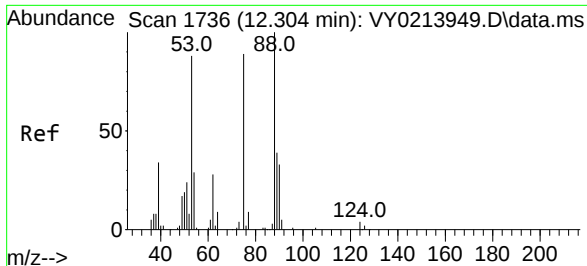
Tgt Ion:105 Resp: 183525

Ion Ratio Lower Upper

105 100

120 48.1 24.6 73.6

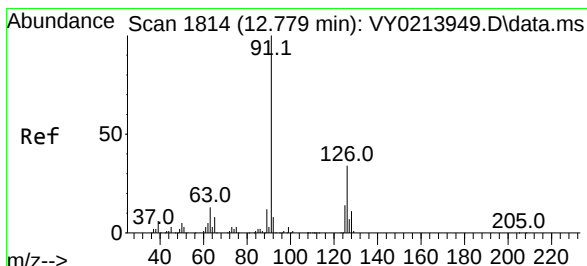
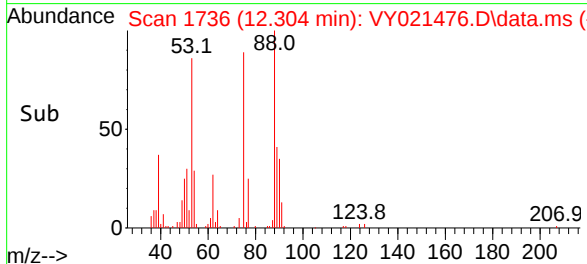
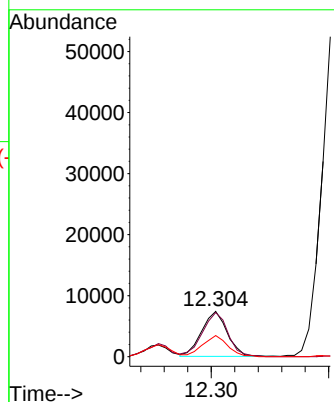
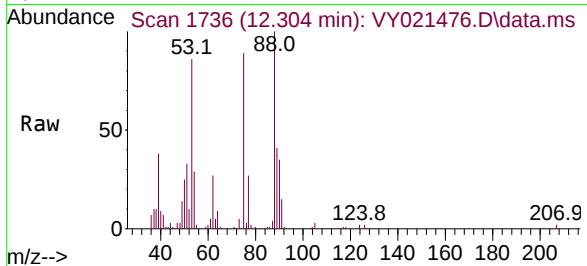




#81
trans-1,4-Dichloro-2-butene
Concen: 15.420 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

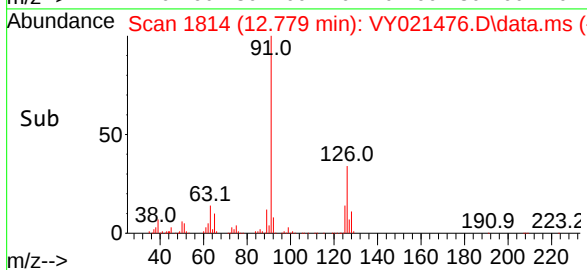
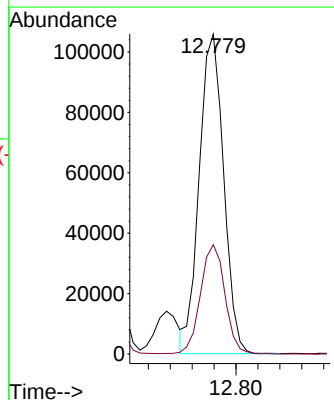
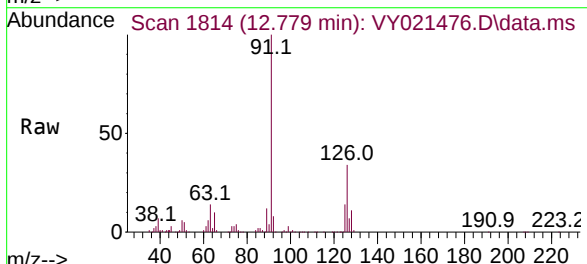
Instrument :
MSVOA_Y
ClientSampleId :

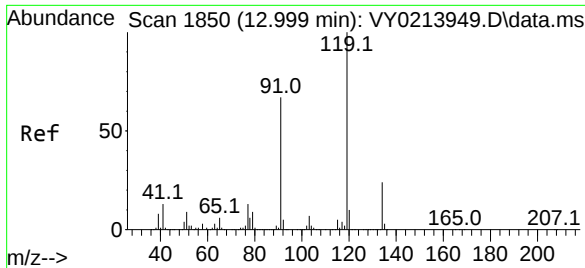
Tgt Ion: 75 Resp: 11100
Ion Ratio Lower Upper
75 100
53 98.6 81.0 121.4
89 46.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 17.789 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion: 91 Resp: 163638
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

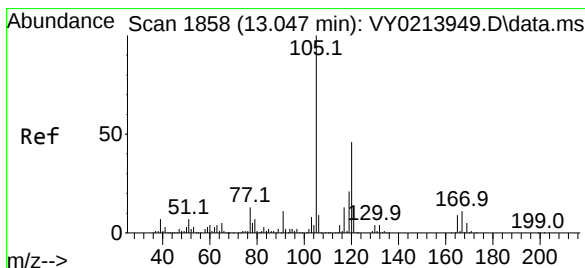
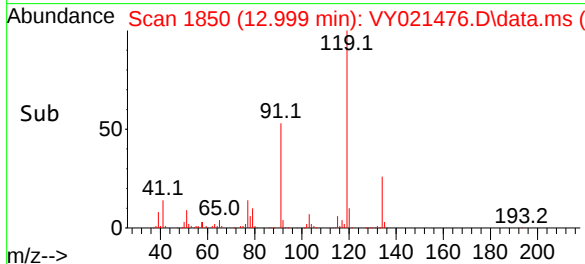
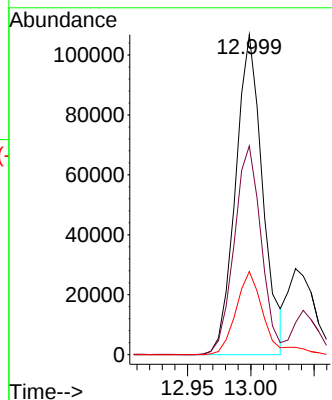
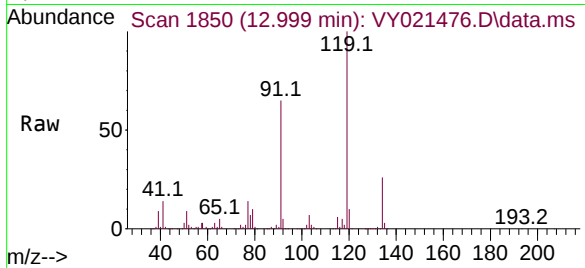




#83
 tert-Butylbenzene
 Concen: 17.174 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

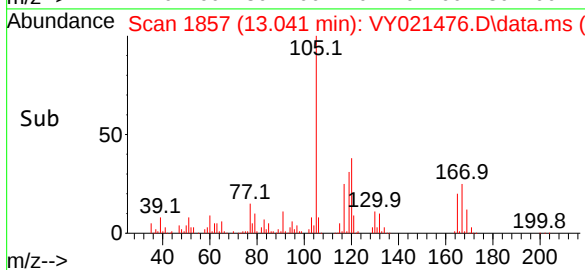
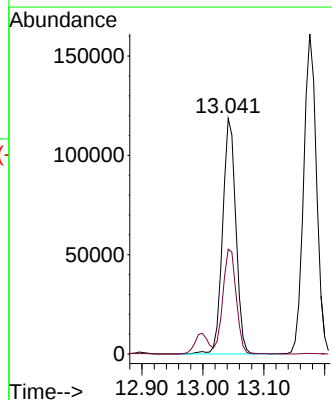
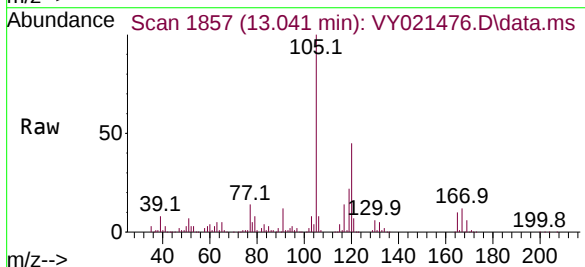
Instrument :
 MSVOA_Y
 ClientSampleId :

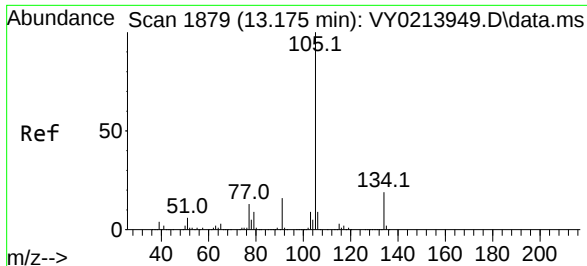
Tgt Ion:119 Resp: 159271
 Ion Ratio Lower Upper
 119 100
 91 65.0 33.2 99.6
 134 26.9 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 17.387 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

Tgt Ion:105 Resp: 179459
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.7 68.1

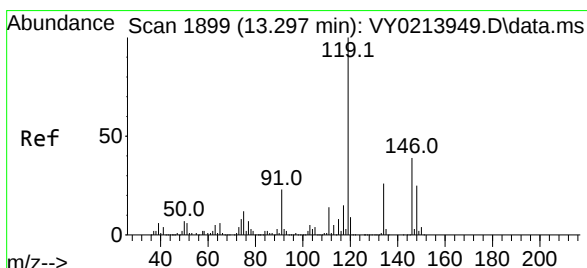
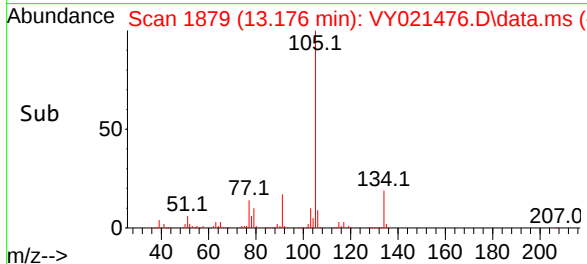
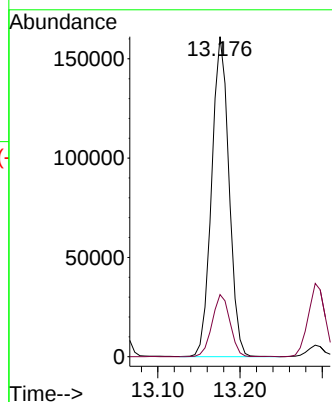
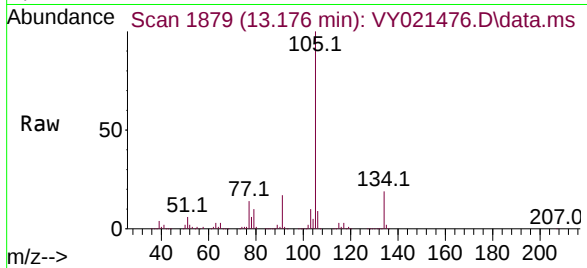




#85
 sec-Butylbenzene
 Concen: 17.117 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

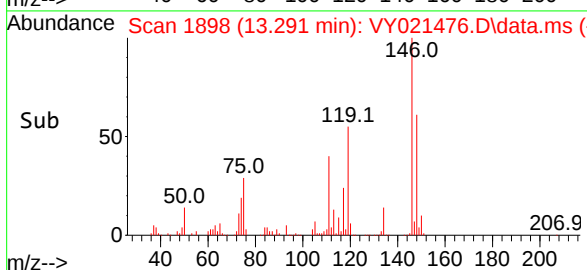
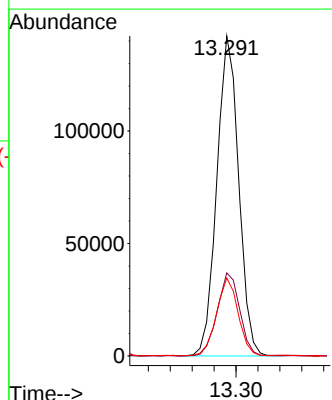
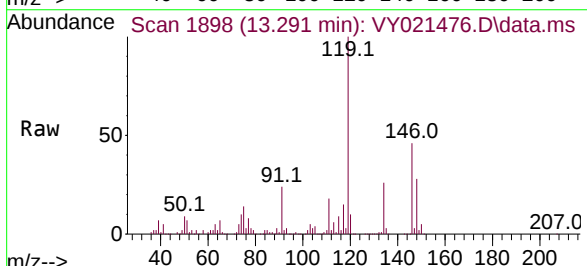
Instrument :
 MSVOA_Y
 ClientSampleId :

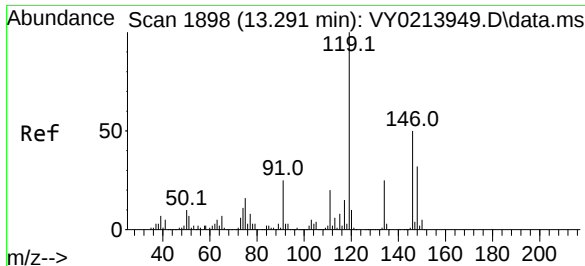
Tgt Ion:105 Resp: 236192
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 17.345 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

Tgt Ion:119 Resp: 197171
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 24.0 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 17.510 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

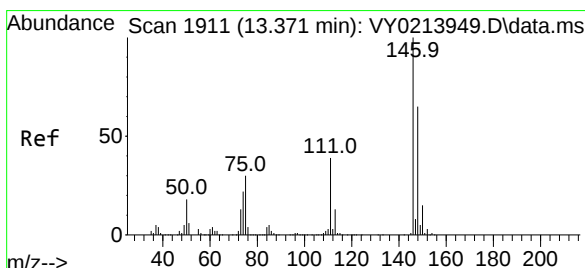
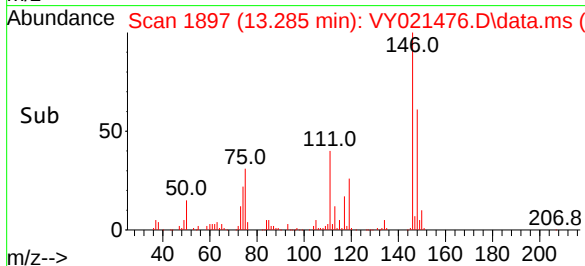
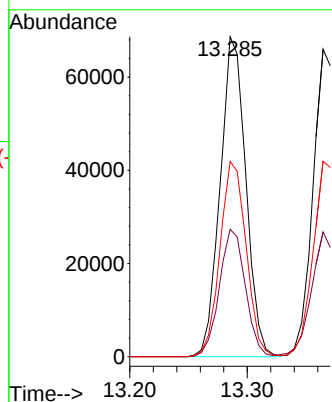
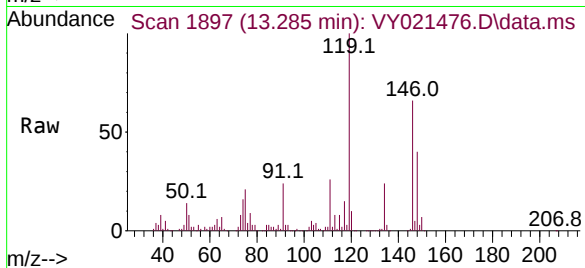
Tgt Ion:146 Resp: 104308

Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

148 62.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 17.751 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

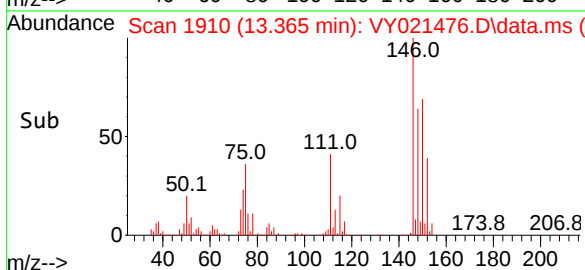
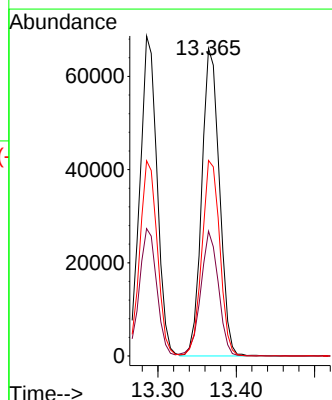
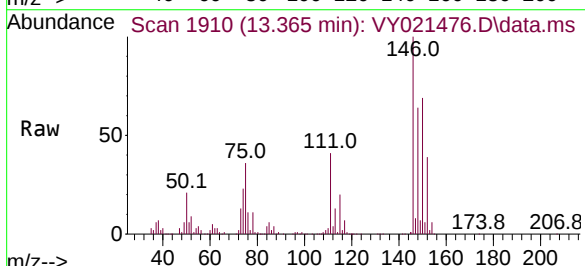
Tgt Ion:146 Resp: 103420

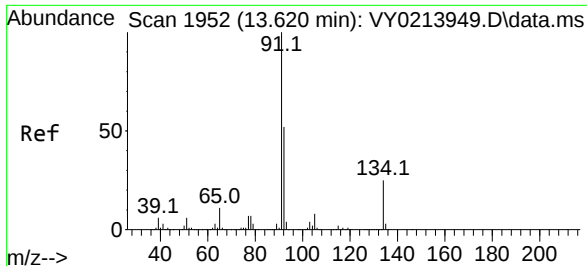
Ion Ratio Lower Upper

146 100

111 40.6 19.6 58.8

148 64.2 32.3 96.8





#89

n-Butylbenzene

Concen: 17.372 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021476.D

Acq: 11 Mar 2025 11:03

Instrument :

MSVOA_Y

ClientSampleId :

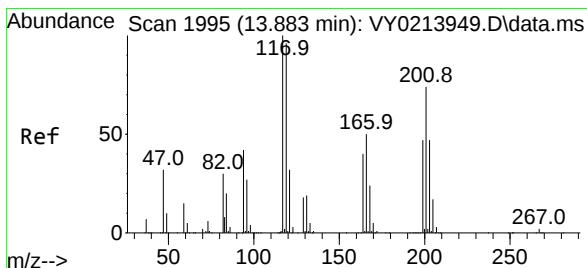
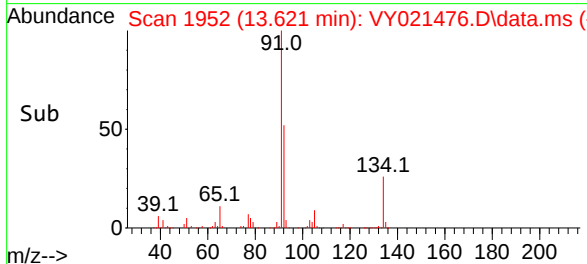
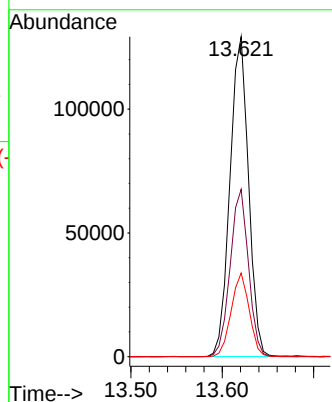
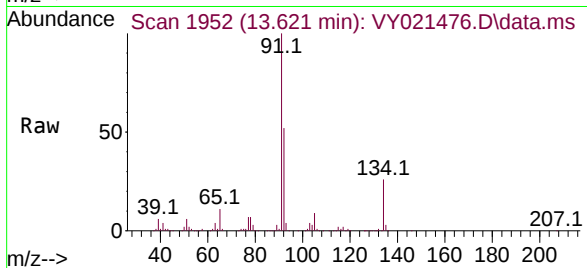
Tgt Ion: 91 Resp: 182353

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.3

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 17.108 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021476.D

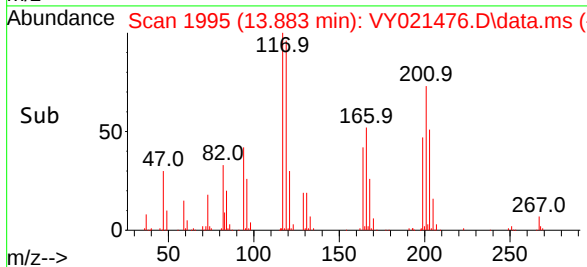
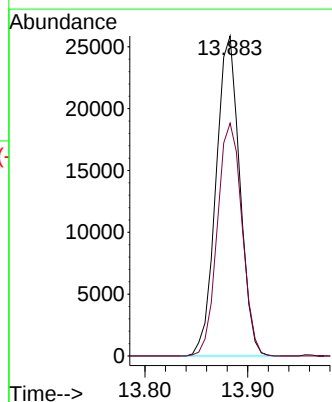
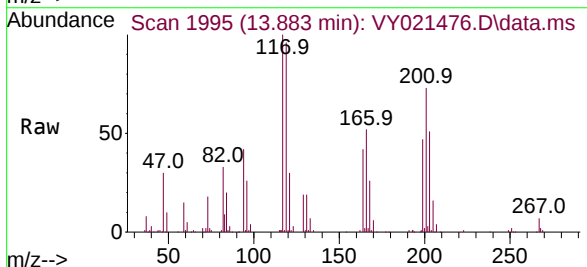
Acq: 11 Mar 2025 11:03

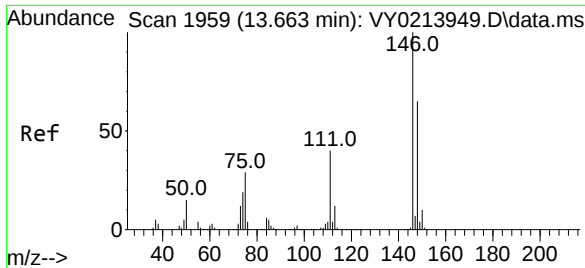
Tgt Ion: 117 Resp: 41489

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.2

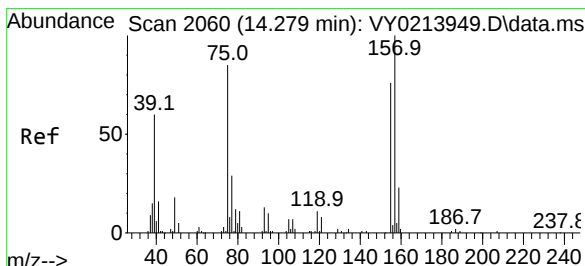
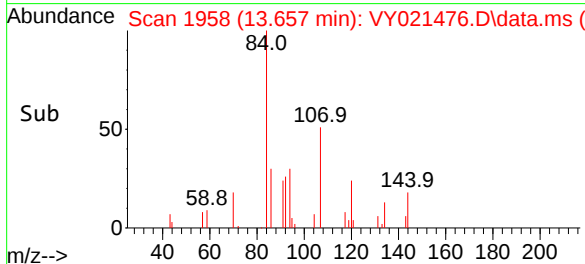
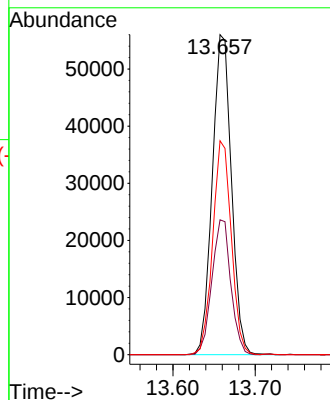
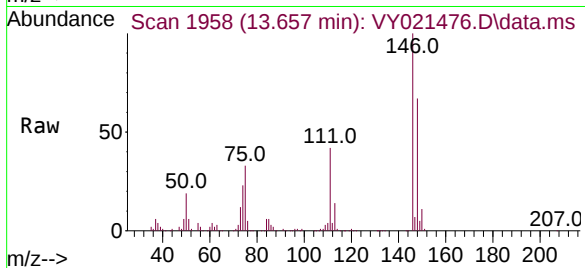




#91
1,2-Dichlorobenzene
Concen: 17.703 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

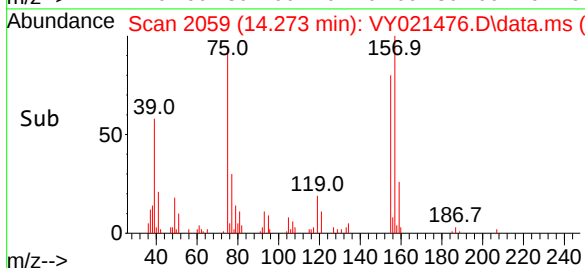
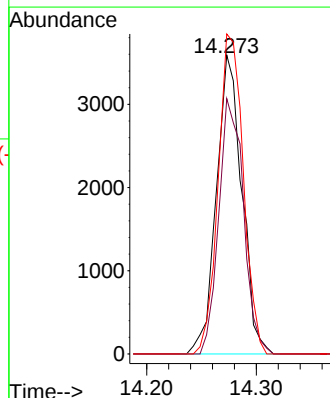
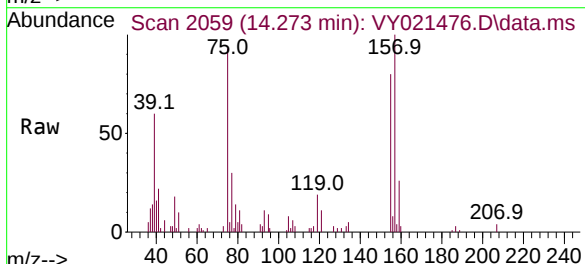
Instrument :
MSVOA_Y
ClientSampleId :

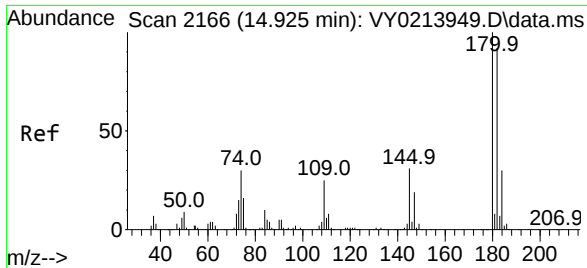
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.7	62.1
148	65.0	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.158 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

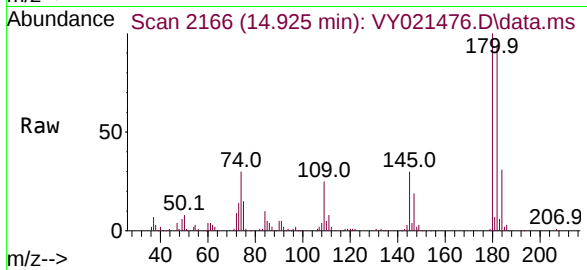
Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	43.5	130.5
157	105.5	54.4	163.2



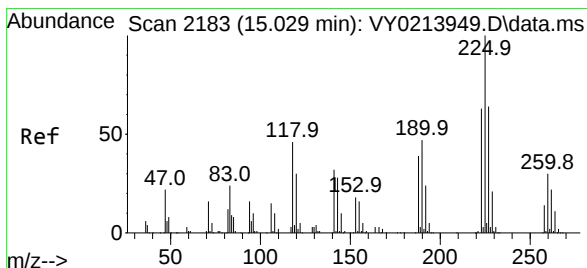
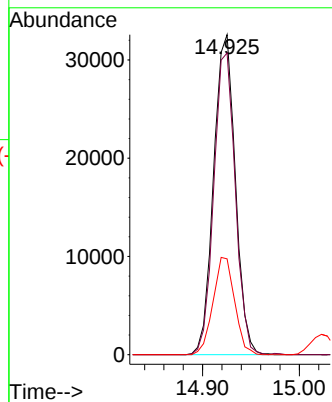
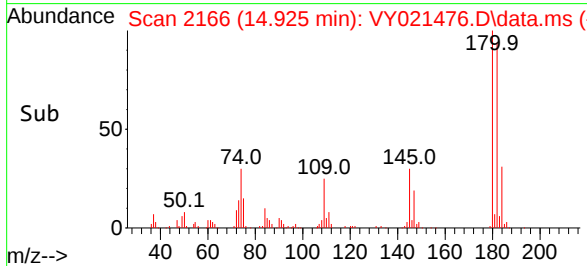


#93
 1,2,4-Trichlorobenzene
 Concen: 18.230 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03

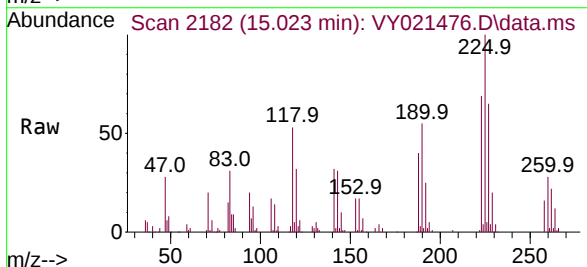
Instrument :
 MSVOA_Y
 ClientSampleId :



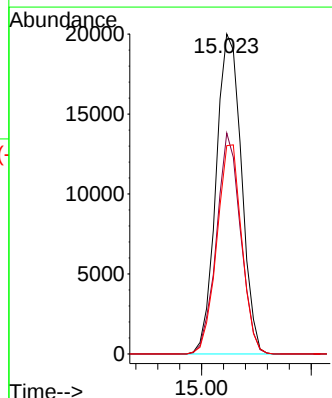
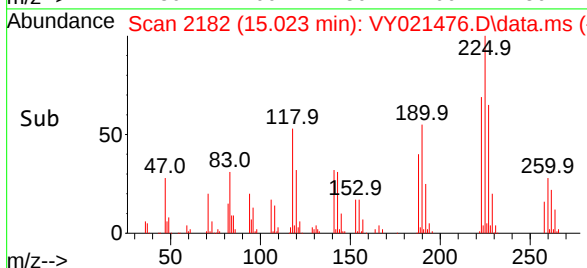
Tgt Ion:180 Resp: 50841
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.7 140.0
 145 30.2 15.6 46.8

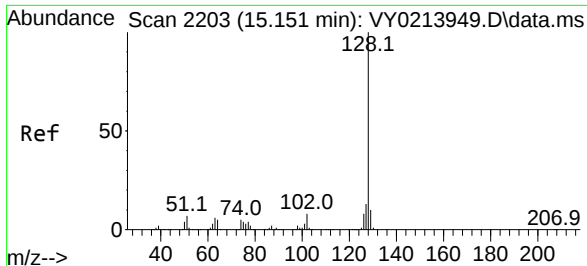


#94
 Hexachlorobutadiene
 Concen: 18.411 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021476.D
 Acq: 11 Mar 2025 11:03



Tgt Ion:225 Resp: 32185
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.4 94.2
 227 64.2 31.8 95.4

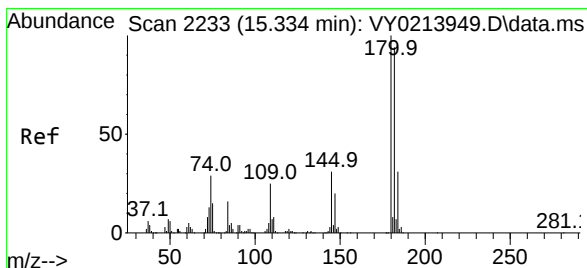
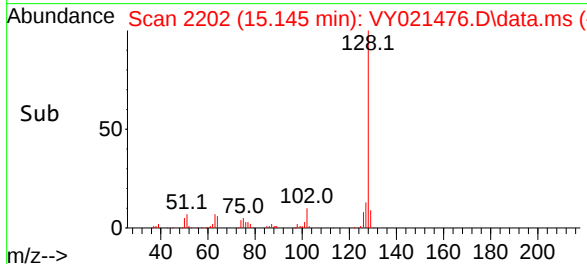
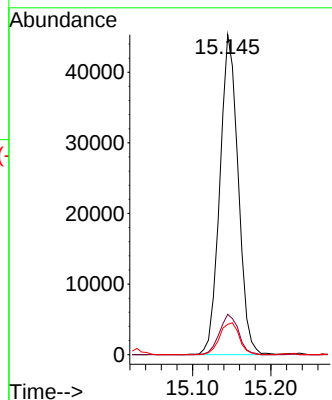
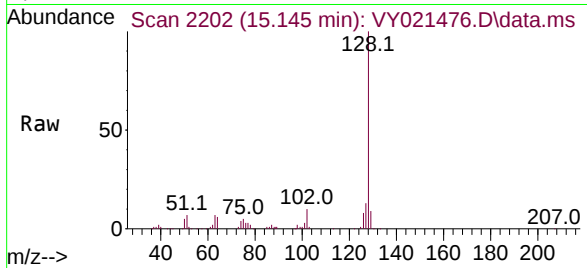




#95
Naphthalene
Concen: 17.695 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 73881
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.953 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021476.D
Acq: 11 Mar 2025 11:03

Tgt Ion:180 Resp: 42109
Ion Ratio Lower Upper
180 100
182 96.1 47.2 141.6
145 31.7 16.4 49.1

