

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031825\
 Data File : VY021559.D
 Acq On : 18 Mar 2025 12:41
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 19 01:39:03 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	218379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	345561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	310514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	162504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109629	47.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.000%
35) Dibromofluoromethane	7.634	113	104488	46.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.000%
50) Toluene-d8	10.103	98	378394	43.998	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.000%
62) 4-Bromofluorobenzene	12.402	95	134986	46.142	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	38444	19.184	ug/l	98
3) Chloromethane	2.068	50	53935	19.090	ug/l	99
4) Vinyl Chloride	2.202	62	64508	20.893	ug/l	96
5) Bromomethane	2.580	94	43981	19.709	ug/l	93
6) Chloroethane	2.726	64	44065	21.596	ug/l	96
7) Trichlorofluoromethane	3.050	101	89844	20.848	ug/l	99
8) Diethyl Ether	3.446	74	24190	20.255	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	49616	20.165	ug/l	98
10) Methyl Iodide	4.001	142	43673	17.462	ug/l	99
11) Tert butyl alcohol	4.854	59	22059	136.787	ug/l #	94
12) 1,1-Dichloroethene	3.787	96	43193	19.255	ug/l	97
13) Acrolein	3.653	56	12884	109.744	ug/l	91
14) Allyl chloride	4.379	41	68262	18.830	ug/l	99
15) Acrylonitrile	5.055	53	57697	113.488	ug/l	99
16) Acetone	3.860	43	53143	105.563	ug/l	100
17) Carbon Disulfide	4.098	76	116681	16.597	ug/l	100
18) Methyl Acetate	4.385	43	26260	23.509	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	117661	20.694	ug/l	98
20) Methylene Chloride	4.610	84	50942	19.277	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	46935	18.683	ug/l	93
22) Diisopropyl ether	6.012	45	157565	20.168	ug/l	100
23) Vinyl Acetate	5.958	43	465497	104.402	ug/l	100
24) 1,1-Dichloroethane	5.915	63	89992	19.517	ug/l	98
25) 2-Butanone	6.890	43	77176	110.823	ug/l	95
26) 2,2-Dichloropropane	6.884	77	80626	19.004	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	54460	19.082	ug/l	99
28) Bromochloromethane	7.244	49	38085	19.702	ug/l	100
29) Tetrahydrofuran	7.256	42	50470	117.395	ug/l	99
30) Chloroform	7.421	83	95004	19.842	ug/l	97
31) Cyclohexane	7.701	56	75514	17.469	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	85148	19.422	ug/l	99
36) 1,1-Dichloropropene	7.829	75	64191	18.054	ug/l	100
37) Ethyl Acetate	6.976	43	35364	22.504	ug/l	99
38) Carbon Tetrachloride	7.817	117	78480	19.193	ug/l	97
39) Methylcyclohexane	9.109	83	76272	17.489	ug/l	99
40) Benzene	8.079	78	198050	18.909	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	15144	17.698	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	60008	20.480	ug/l	99
43) Isopropyl Acetate	8.195	43	67249	22.044	ug/l #	87
44) Trichloroethene	8.860	130	50234	18.980	ug/l	97
45) 1,2-Dichloropropane	9.140	63	49311	19.782	ug/l	94
46) Dibromomethane	9.231	93	28205	20.335	ug/l	99
47) Bromodichloromethane	9.420	83	74121	20.123	ug/l	96
48) Methyl methacrylate	9.219	41	29429	21.008	ug/l	96
49) 1,4-Dioxane	9.225	88	7202	529.025	ug/l #	92
51) 4-Methyl-2-Pentanone	9.993	43	178474	113.387	ug/l	99
52) Toluene	10.170	92	125797	19.051	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	64659	19.925	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	74925	19.447	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	38092	20.995	ug/l	97
56) Ethyl methacrylate	10.439	69	49394	21.347	ug/l	97
57) 1,3-Dichloropropane	10.713	76	65232	20.745	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	110991	103.909	ug/l	99
59) 2-Hexanone	10.762	43	118434	113.793	ug/l	99
60) Dibromochloromethane	10.908	129	52861	21.252	ug/l	99
61) 1,2-Dibromoethane	11.012	107	34941	20.405	ug/l	97
64) Tetrachloroethene	10.646	164	55991	22.175	ug/l	96
65) Chlorobenzene	11.438	112	137458	18.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	50044	19.304	ug/l	99
67) Ethyl Benzene	11.518	91	236599	18.383	ug/l	99
68) m/p-Xylenes	11.627	106	180453	36.931	ug/l	99
69) o-Xylene	11.957	106	84993	18.873	ug/l	99
70) Styrene	11.969	104	145550	19.483	ug/l	98
71) Bromoform	12.127	173	30940	21.350	ug/l #	99
73) Isopropylbenzene	12.255	105	229060	17.894	ug/l	100
74) N-amyl acetate	12.072	43	56453	20.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	44138	19.539	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	59858	36.554	ug/l #	100
77) Bromobenzene	12.530	156	55822	18.640	ug/l	98
78) n-propylbenzene	12.597	91	276086	17.759	ug/l	100
79) 2-Chlorotoluene	12.676	91	157690	17.739	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	191387	18.398	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	13535	18.790	ug/l	98
82) 4-Chlorotoluene	12.773	91	167077	18.151	ug/l	100
83) tert-Butylbenzene	12.993	119	170410	18.363	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	190769	18.470	ug/l	99
85) sec-Butylbenzene	13.176	105	250241	18.123	ug/l	99
86) p-Isopropyltoluene	13.292	119	207164	18.212	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	109938	18.442	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	110440	18.944	ug/l	99
89) n-Butylbenzene	13.615	91	194363	18.504	ug/l	100
90) Hexachloroethane	13.877	117	44470	18.325	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	99560	19.486	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7637	22.570	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	58406	20.929	ug/l	99
94) Hexachlorobutadiene	15.023	225	36021	20.591	ug/l	99
95) Naphthalene	15.145	128	103556	23.913	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	51680	22.019	ug/l	99

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

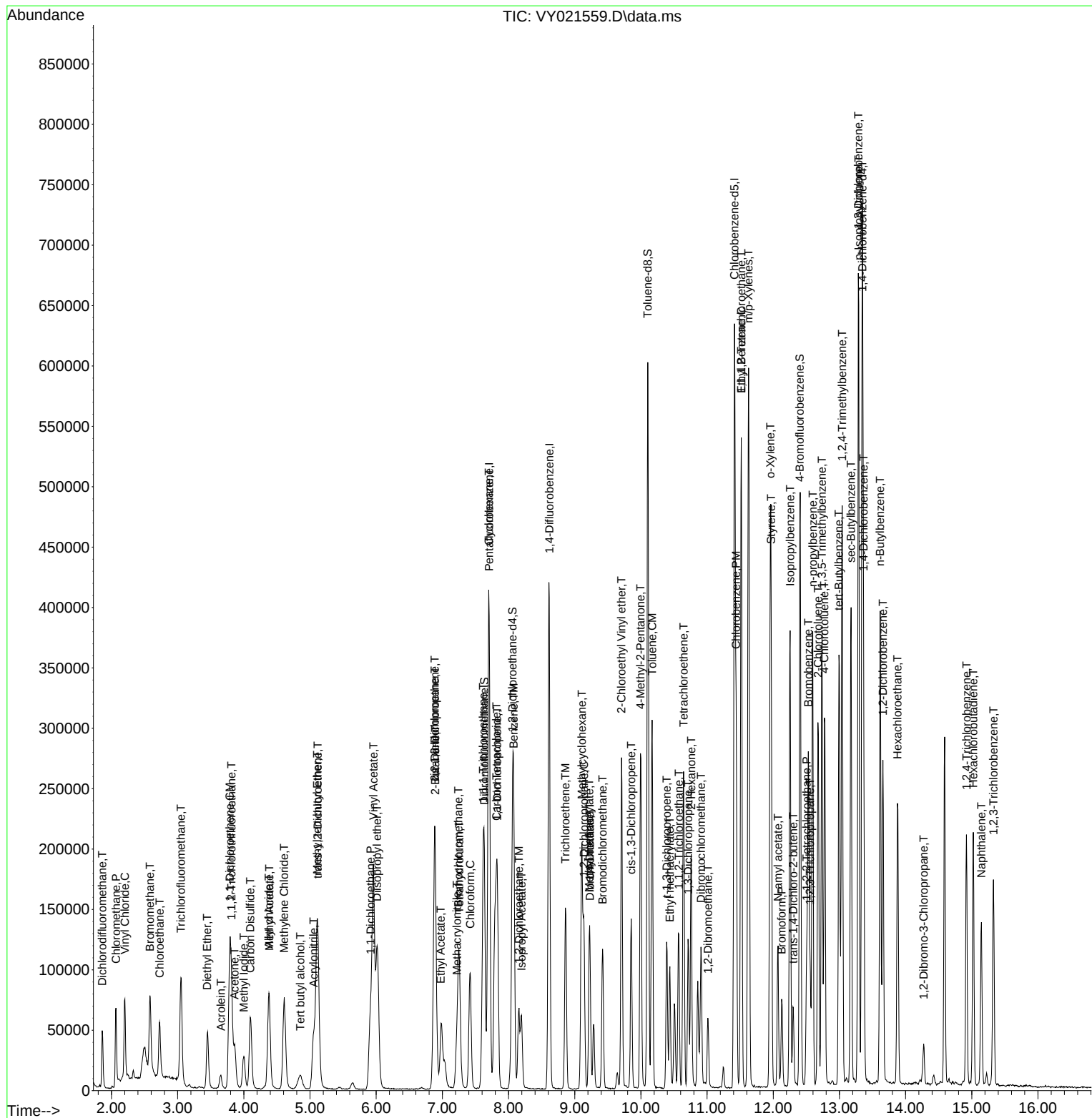
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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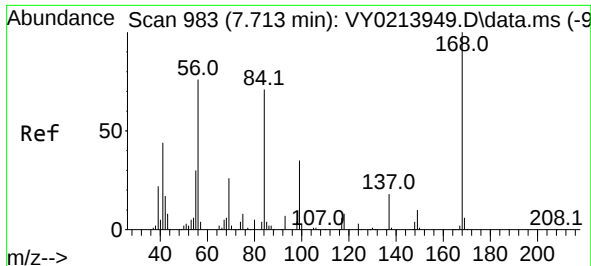
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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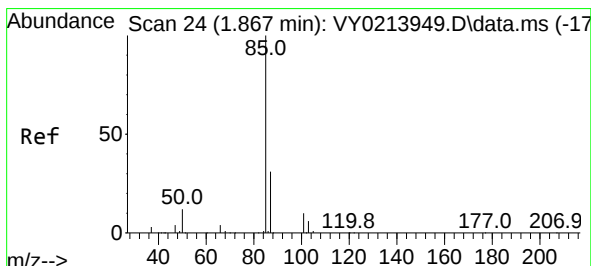
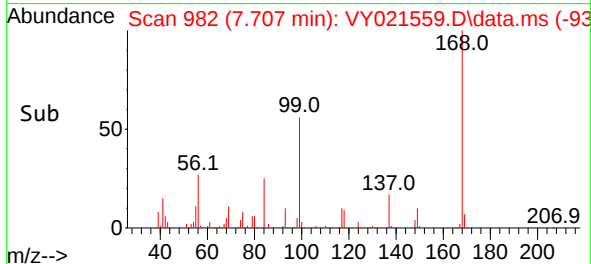
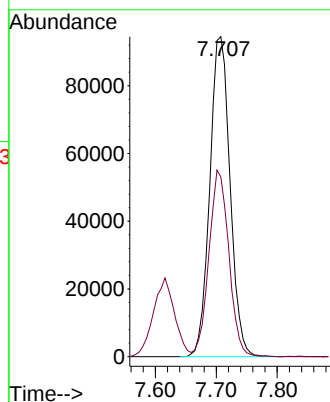
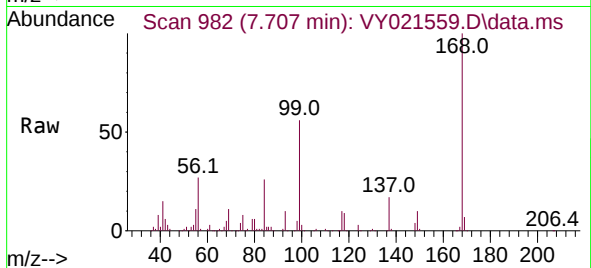




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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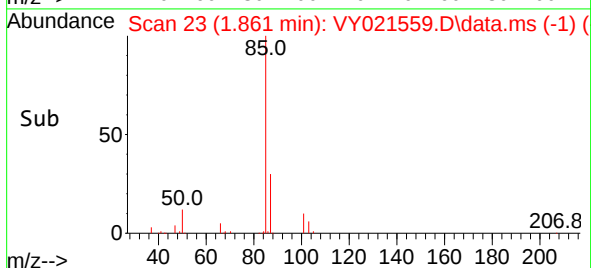
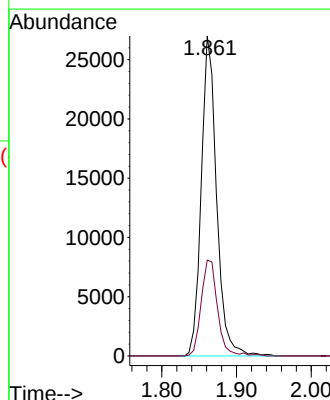
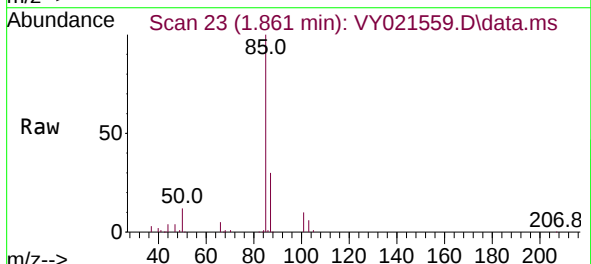
Instrument :
MSVOA_Y
ClientSampleId :

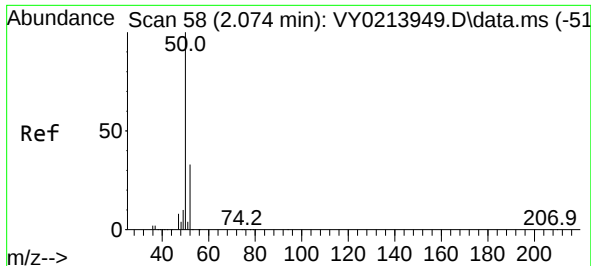
Tgt Ion:168 Resp: 218379
Ion Ratio Lower Upper
168 100
99 56.1 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 19.184 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 85 Resp: 38444
Ion Ratio Lower Upper
85 100
87 29.9 15.7 47.0

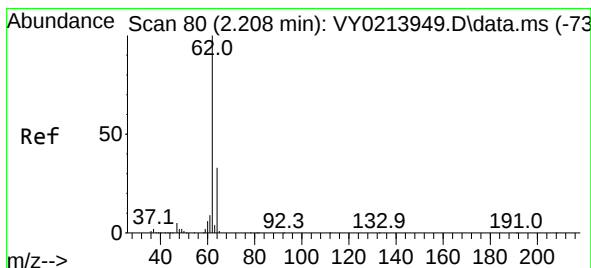
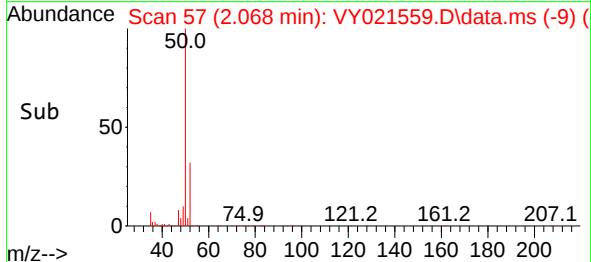
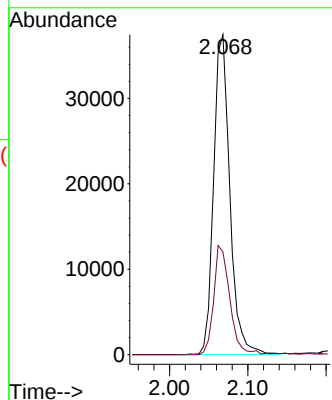
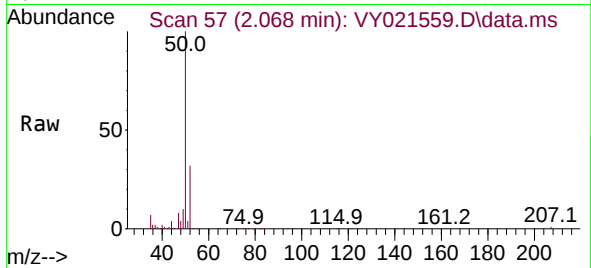




#3
Chloromethane
Concen: 19.090 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

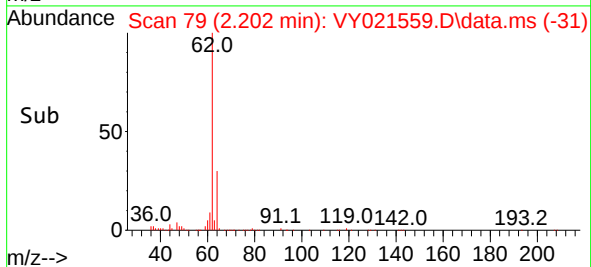
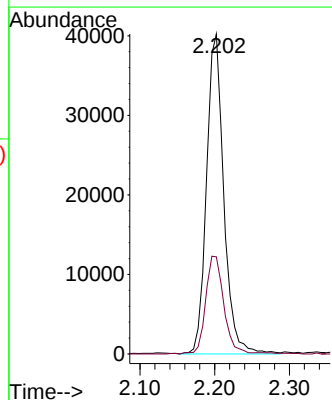
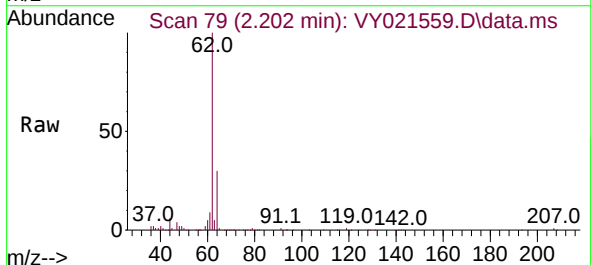
Instrument :
MSVOA_Y
ClientSampleId :

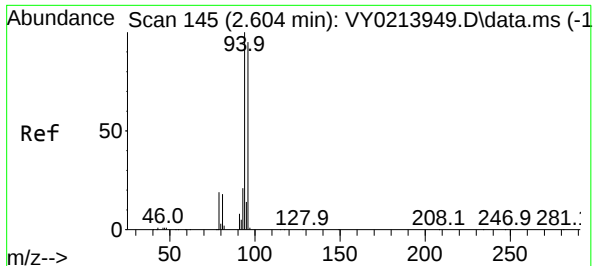
Tgt Ion: 50 Resp: 53935
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.2



#4
Vinyl Chloride
Concen: 20.893 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 62 Resp: 64508
Ion Ratio Lower Upper
62 100
64 30.3 26.2 39.2

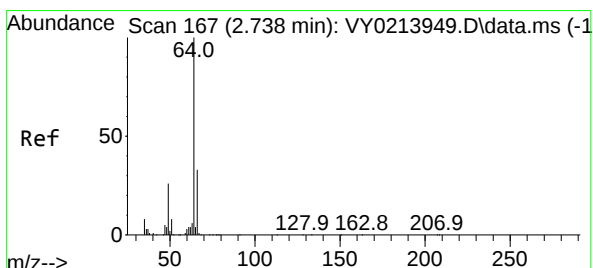
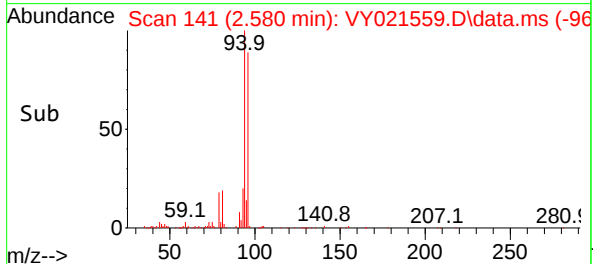
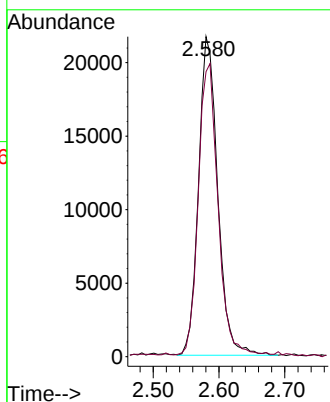
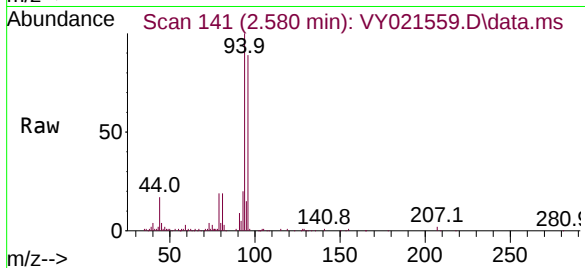




#5
Bromomethane
Concen: 19.709 ug/l
RT: 2.580 min Scan# 145
Delta R.T. -0.024 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

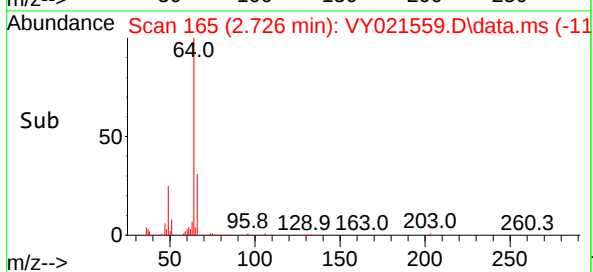
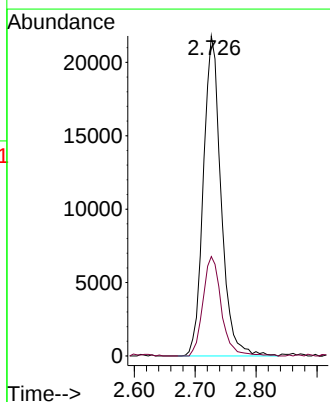
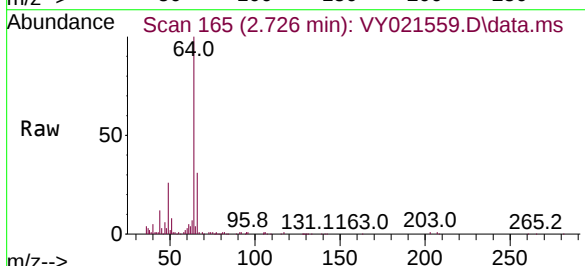
Instrument :
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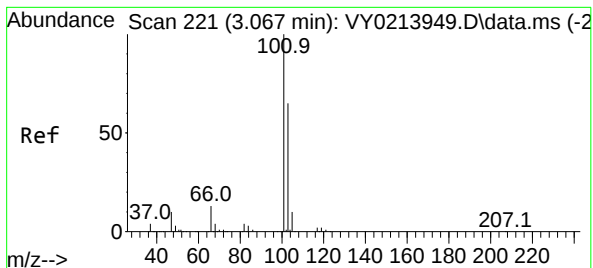
Tgt Ion: 94 Resp: 43981
Ion Ratio Lower Upper
94 100
96 88.7 76.3 114.5



#6
Chloroethane
Concen: 21.596 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 64 Resp: 44065
Ion Ratio Lower Upper
64 100
66 31.0 26.7 40.1

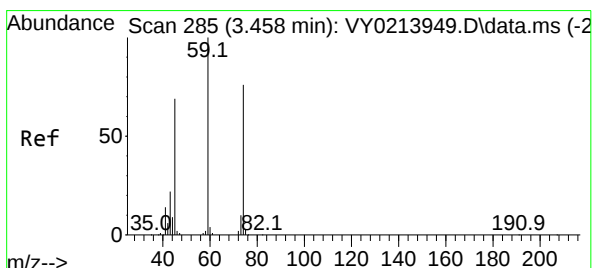
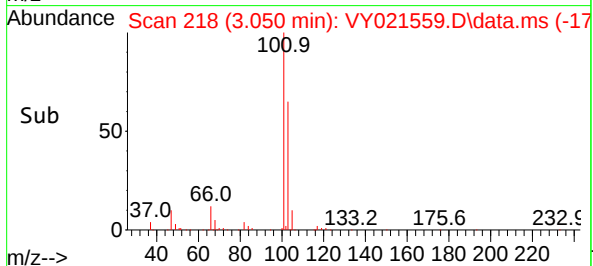
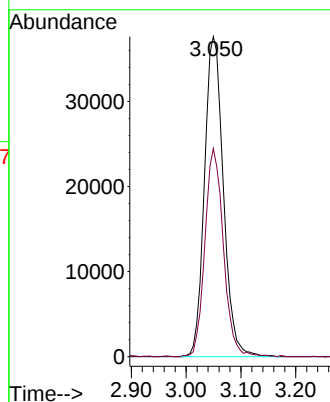
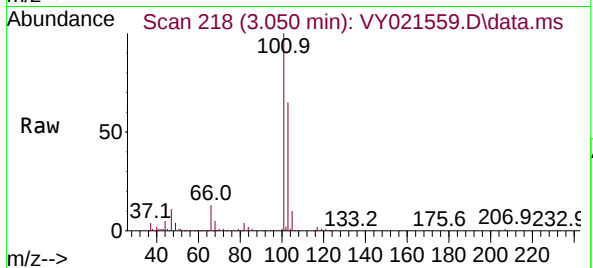




#7
Trichlorofluoromethane
Concen: 20.848 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

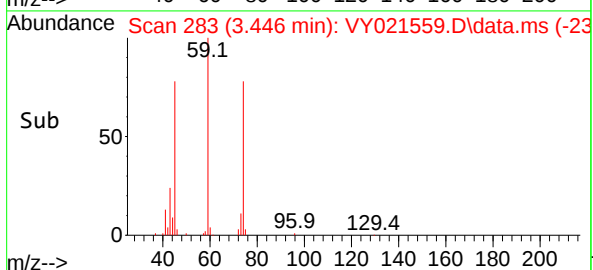
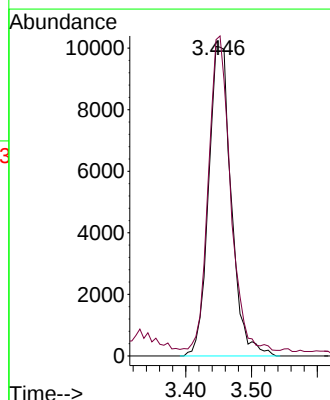
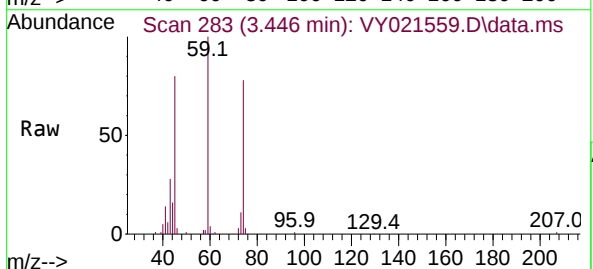
Instrument :
MSVOA_Y
ClientSampleId :

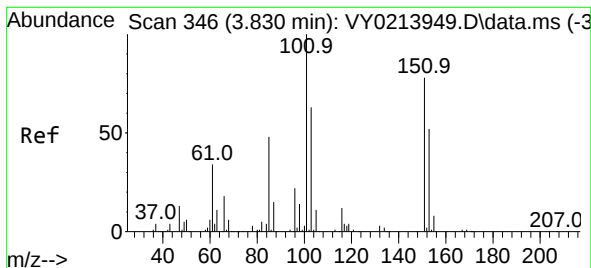
Tgt Ion:101 Resp: 89844
Ion Ratio Lower Upper
101 100
103 65.1 51.7 77.5



#8
Diethyl Ether
Concen: 20.255 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 74 Resp: 24190
Ion Ratio Lower Upper
74 100
45 98.0 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.165 ug/l

RT: 3.812 min Scan# 34

Delta R.T. -0.018 min

Lab File: VY021559.D

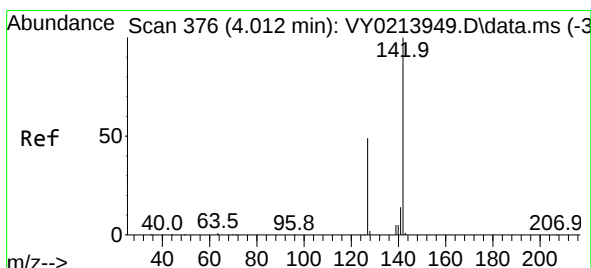
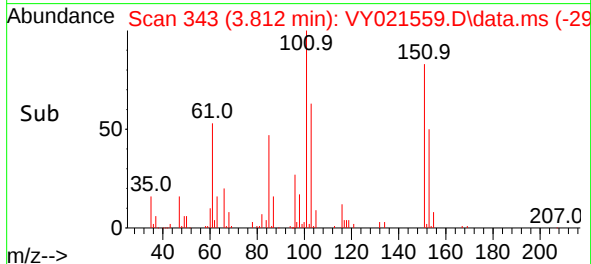
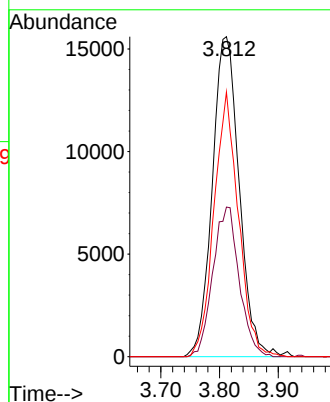
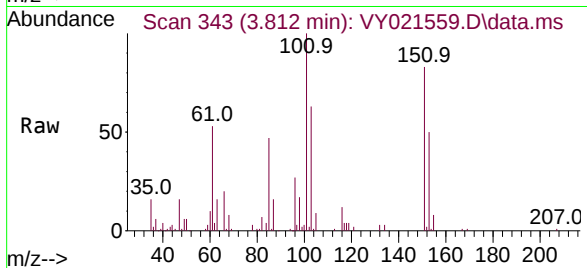
Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:101	Resp:	49616
Ion	Ratio	Lower Upper
101	100	
85	45.7	37.1 55.7
151	75.1	62.1 93.1



#10

Methyl Iodide

Concen: 17.462 ug/l

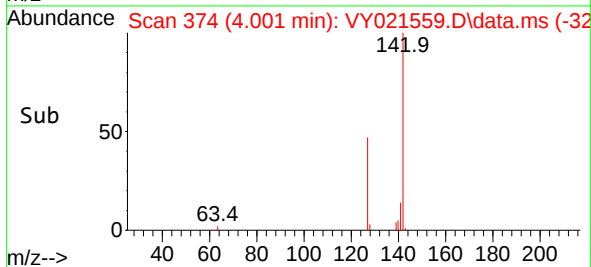
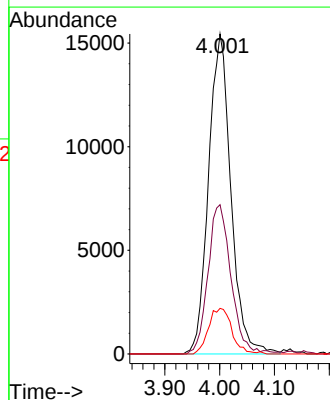
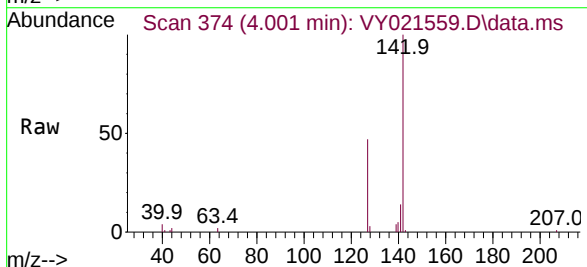
RT: 4.001 min Scan# 374

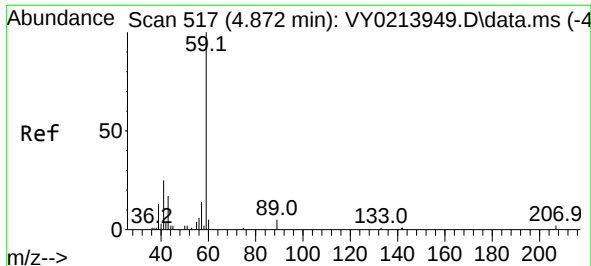
Delta R.T. -0.012 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Tgt Ion:142	Resp:	43673
Ion	Ratio	Lower Upper
142	100	
127	48.1	39.1 58.7
141	14.9	11.8 17.6

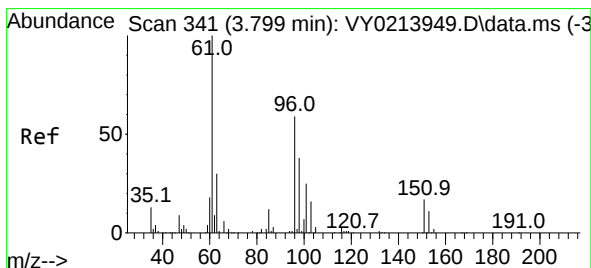
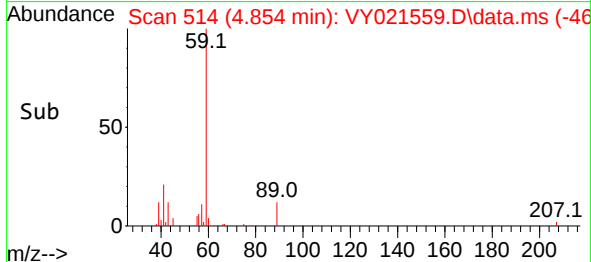
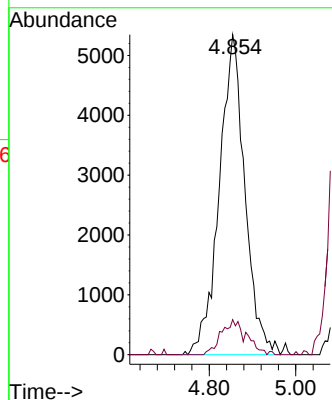
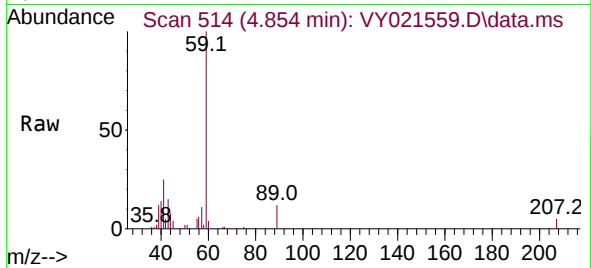




#11
Tert butyl alcohol
Concen: 136.787 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

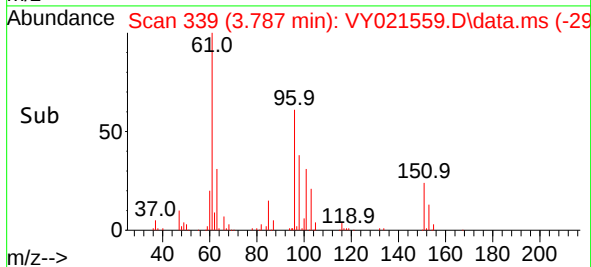
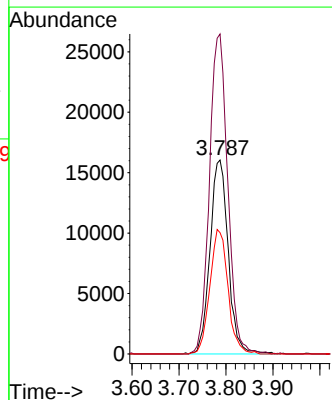
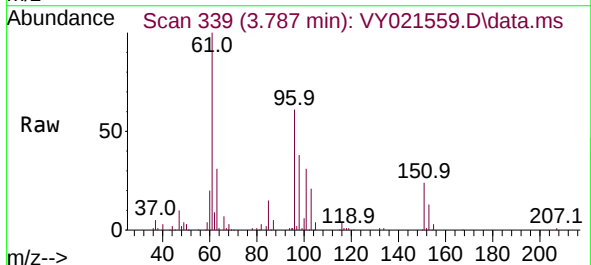
Instrument :
MSVOA_Y
ClientSampleId :

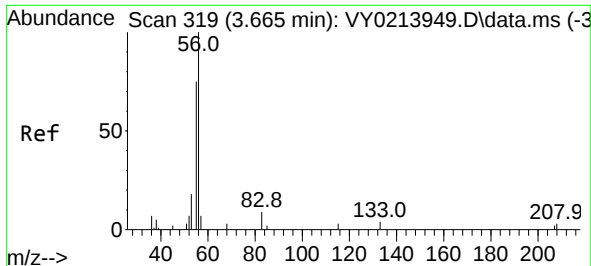
Tgt Ion: 59 Resp: 22059
Ion Ratio Lower Upper
59 100
57 8.1 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 19.255 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 96 Resp: 43193
Ion Ratio Lower Upper
96 100
61 165.0 135.2 202.8
98 62.6 51.4 77.2

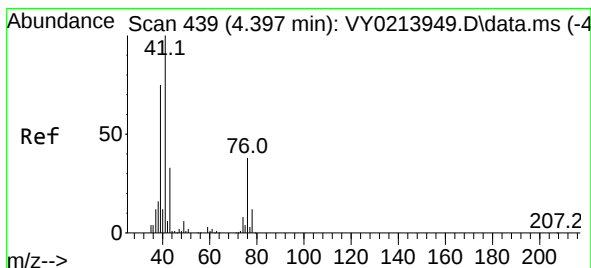
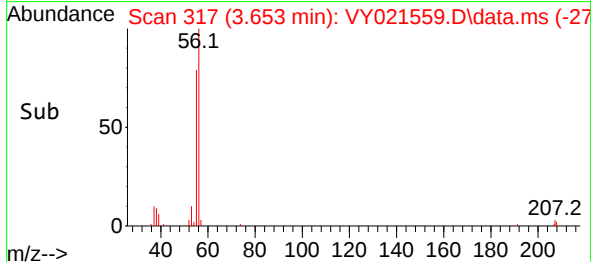
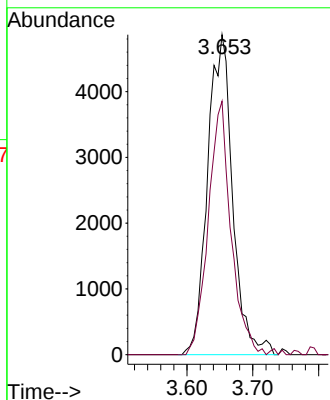
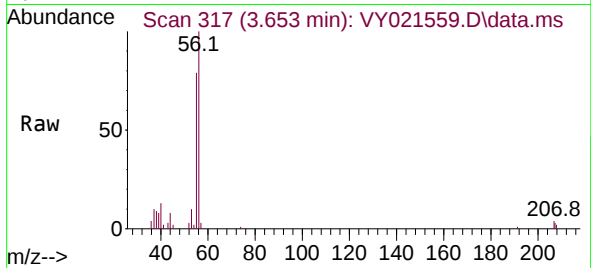




#13
Acrolein
Concen: 109.744 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

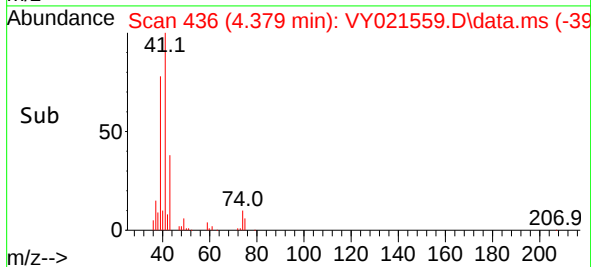
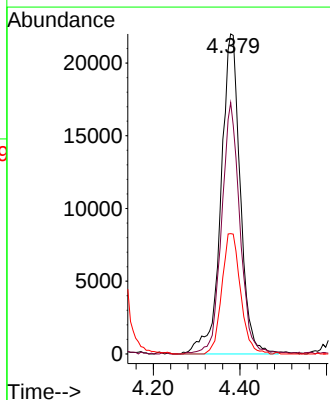
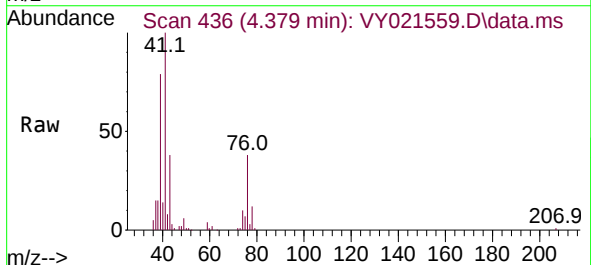
Instrument :
MSVOA_Y
ClientSampleId :

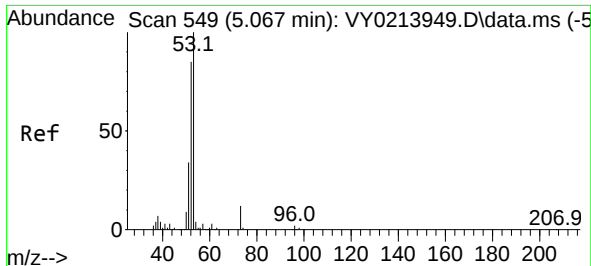
Tgt Ion: 56 Resp: 12884
Ion Ratio Lower Upper
56 100
55 71.7 63.4 95.2



#14
Allyl chloride
Concen: 18.830 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

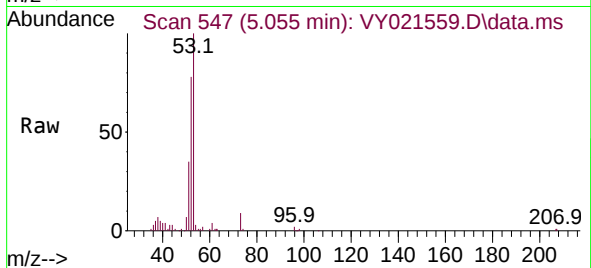
Tgt Ion: 41 Resp: 68262
Ion Ratio Lower Upper
41 100
39 74.8 59.3 88.9
76 36.4 29.8 44.8



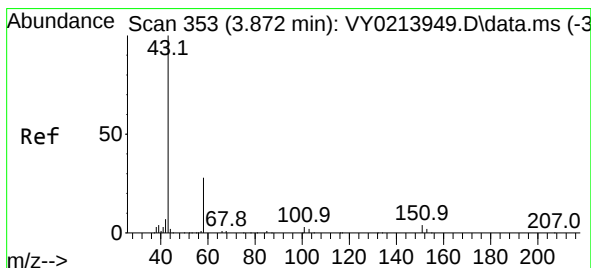
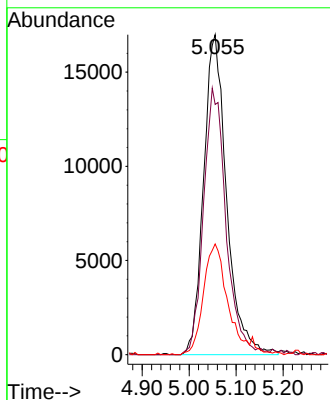
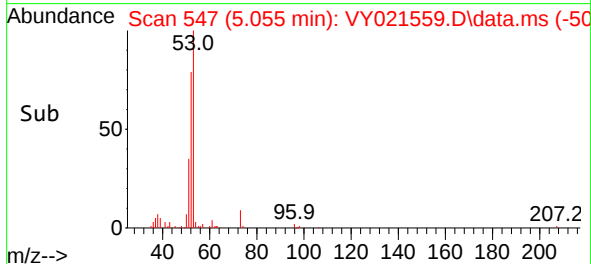


#15
Acrylonitrile
Concen: 113.488 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :

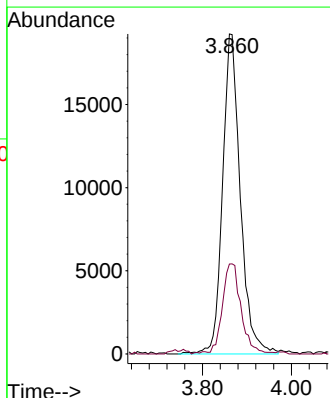
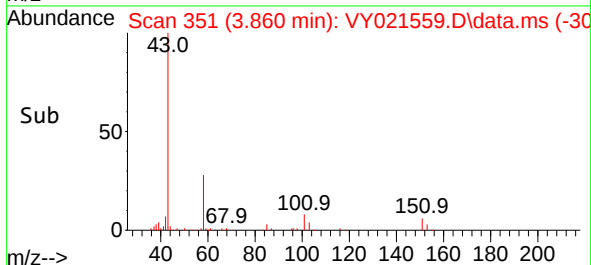
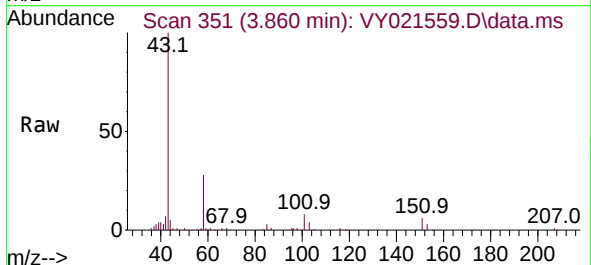


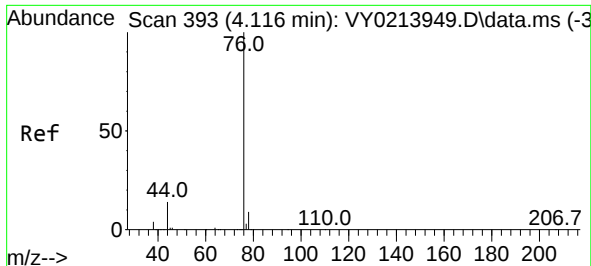
Tgt Ion: 53 Resp: 57697
Ion Ratio Lower Upper
53 100
52 81.6 66.3 99.5
51 37.6 30.3 45.5



#16
Acetone
Concen: 105.563 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

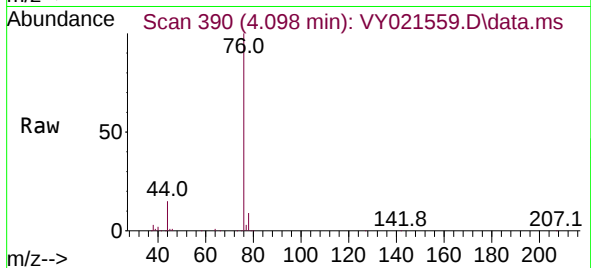
Tgt Ion: 43 Resp: 53143
Ion Ratio Lower Upper
43 100
58 27.5 22.1 33.1



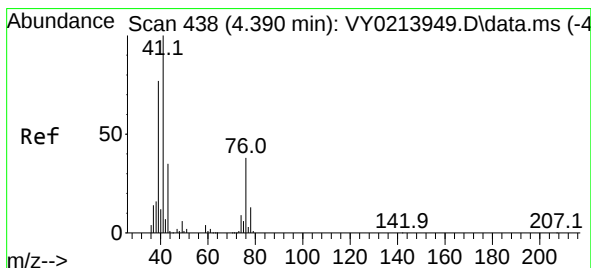
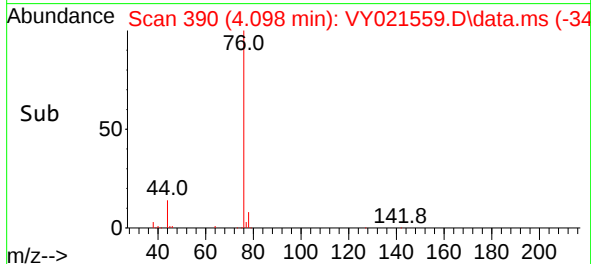
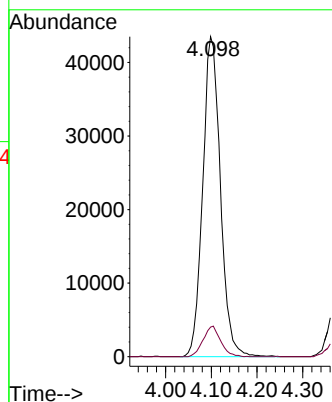


#17
Carbon Disulfide
Concen: 16.597 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.018 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :

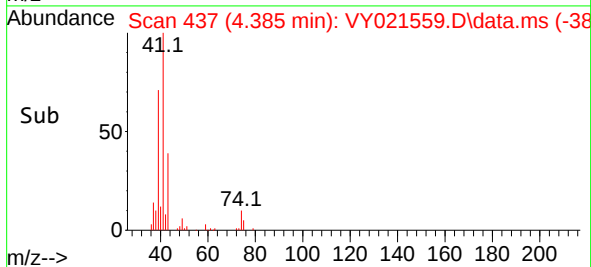
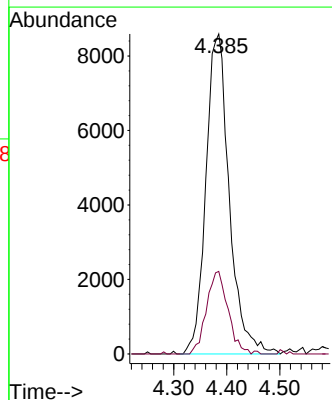
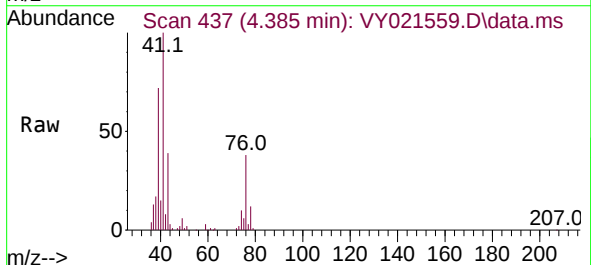


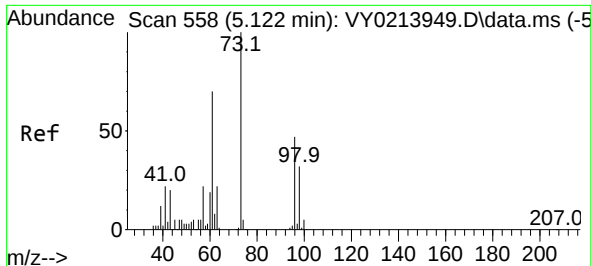
Tgt Ion: 76 Resp: 116681
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 23.509 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 43 Resp: 26260
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.0

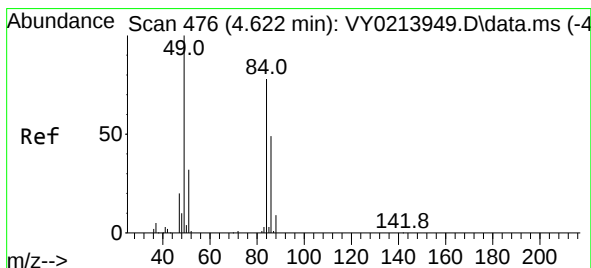
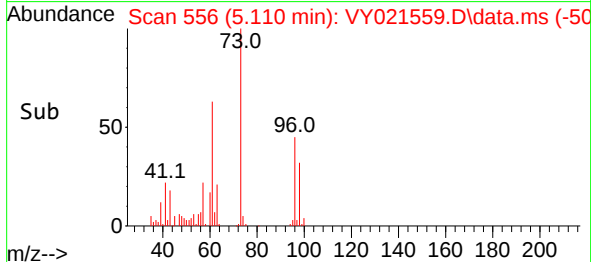
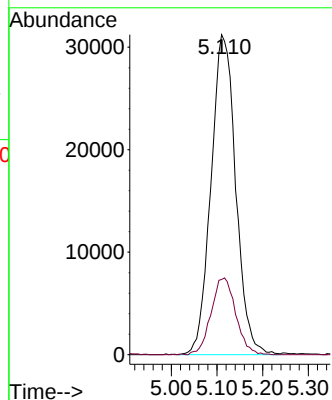
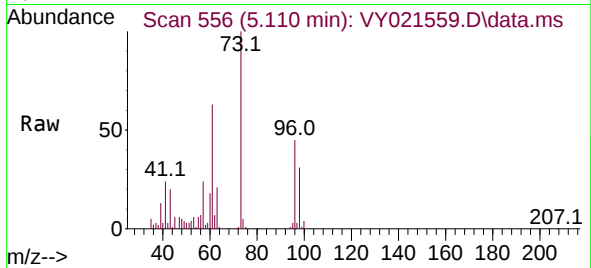




#19
Methyl tert-butyl Ether
Concen: 20.694 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

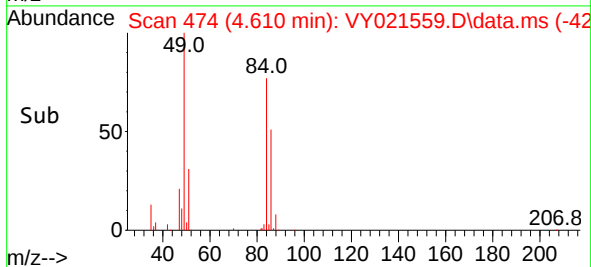
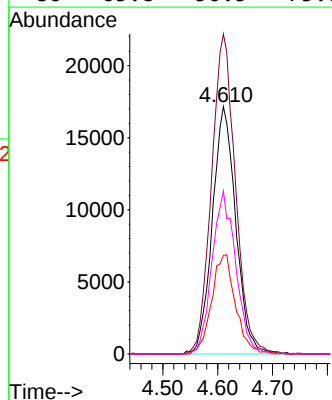
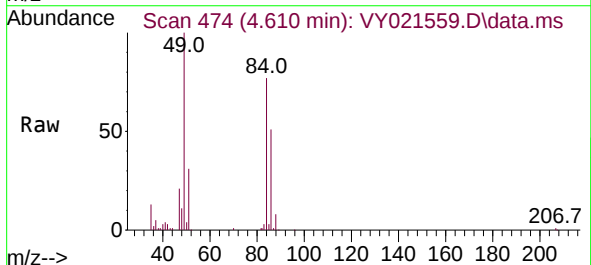
Instrument :
MSVOA_Y
ClientSampleId :

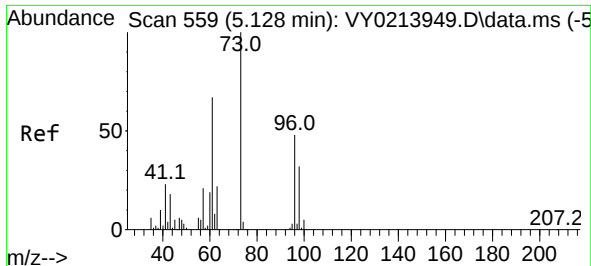
Tgt Ion: 73 Resp: 117661
Ion Ratio Lower Upper
73 100
57 23.5 17.9 26.9



#20
Methylene Chloride
Concen: 19.277 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 84 Resp: 50942
Ion Ratio Lower Upper
84 100
49 129.4 102.0 153.0
51 39.8 33.0 49.6
86 65.8 50.5 75.7

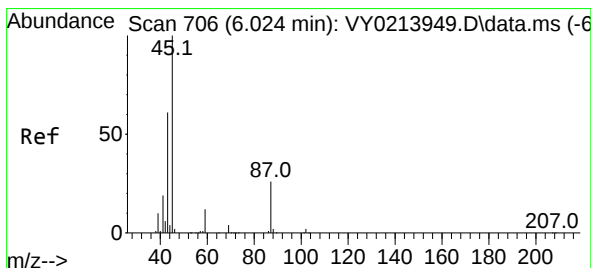
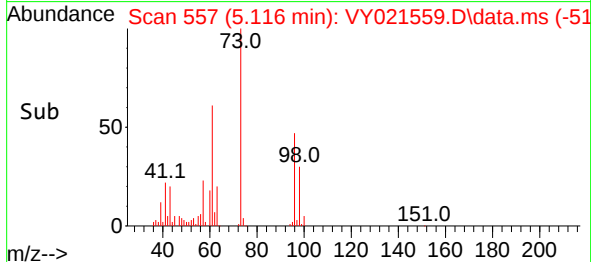
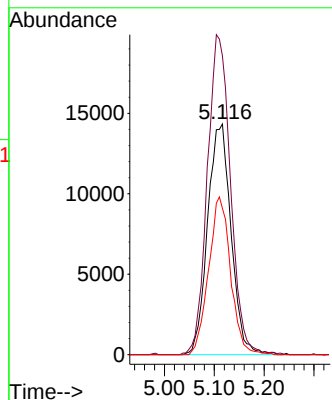
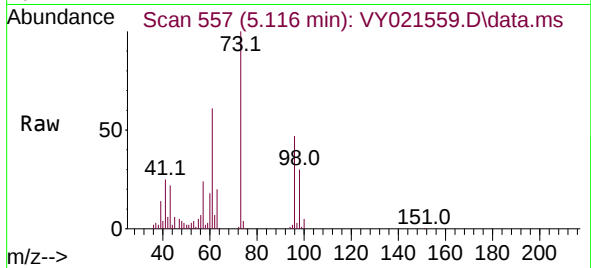




#21
trans-1,2-Dichloroethene
Concen: 18.683 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

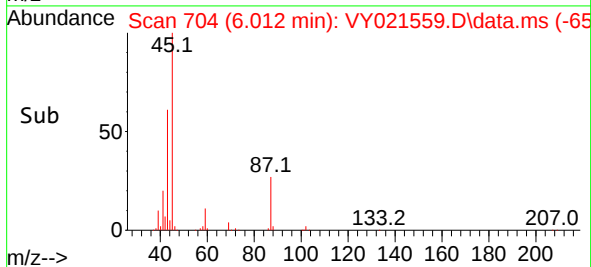
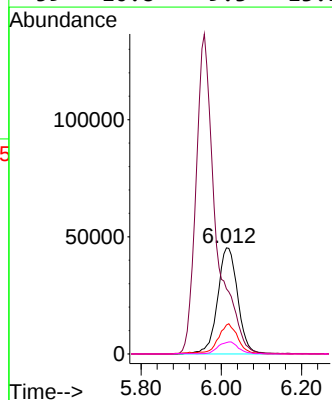
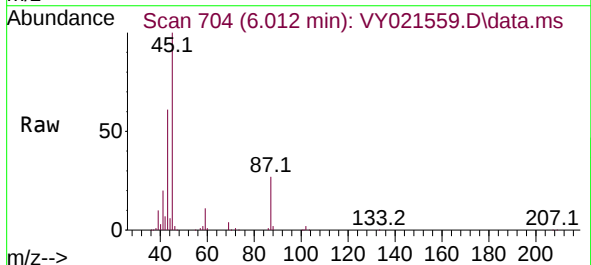
Instrument :
MSVOA_Y
ClientSampleId :

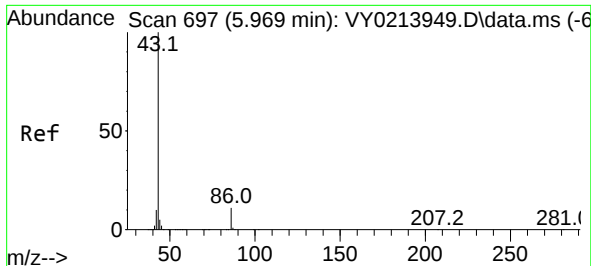
Tgt Ion: 96 Resp: 46935
Ion Ratio Lower Upper
96 100
61 129.5 111.5 167.3
98 63.4 53.8 80.8



#22
Diisopropyl ether
Concen: 20.168 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 45 Resp: 157565
Ion Ratio Lower Upper
45 100
43 60.9 48.7 73.1
87 27.2 21.5 32.3
59 10.8 9.3 13.9

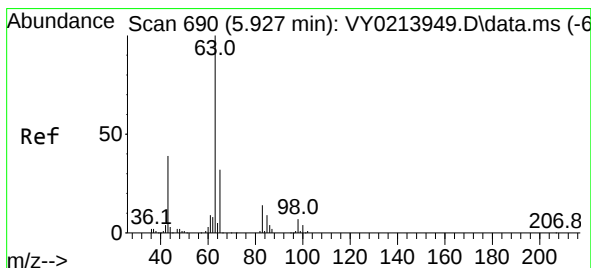
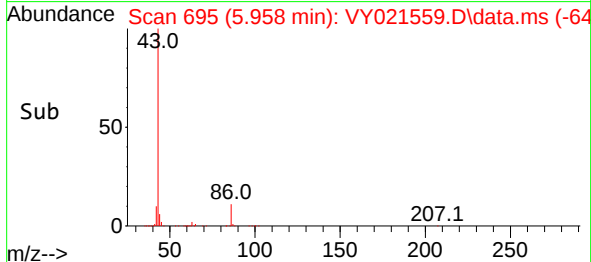
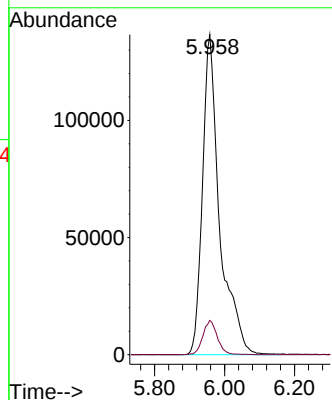
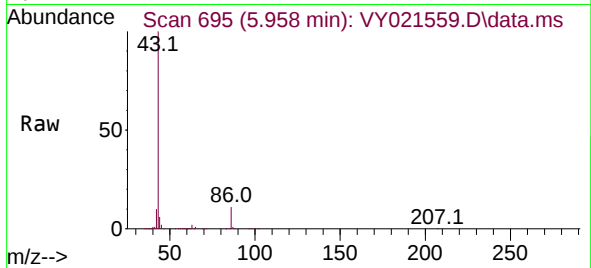




#23
 Vinyl Acetate
 Concen: 104.402 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

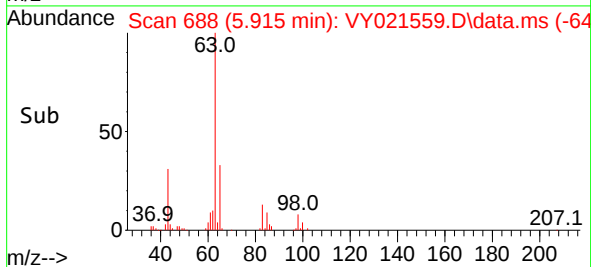
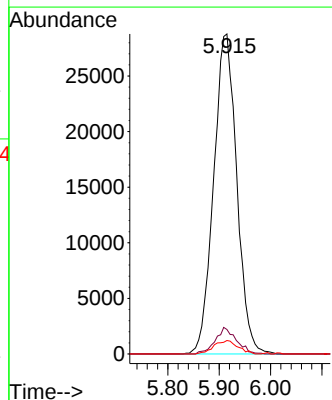
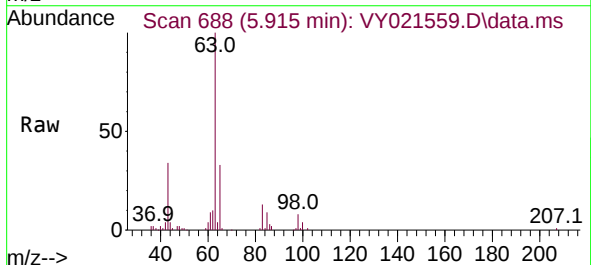
Instrument :
 MSVOA_Y
 ClientSampleId :

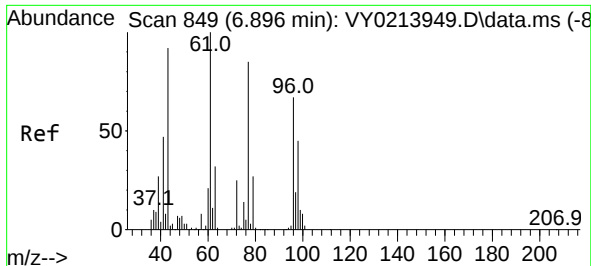
Tgt Ion: 43 Resp: 465497
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.517 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

Tgt Ion: 63 Resp: 89992
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.9
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 110.823 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

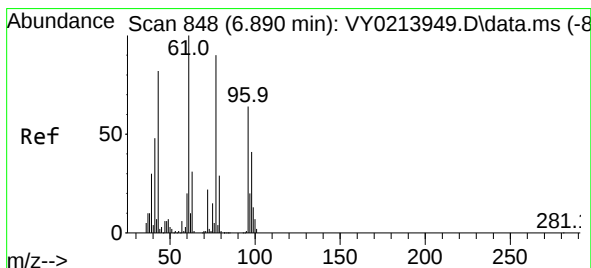
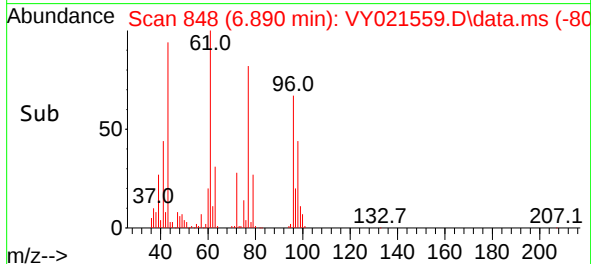
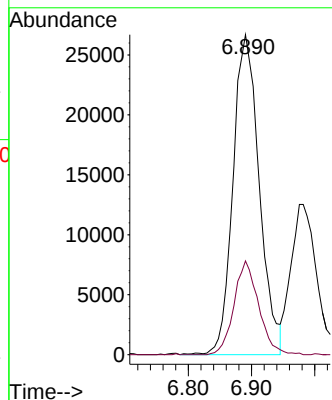
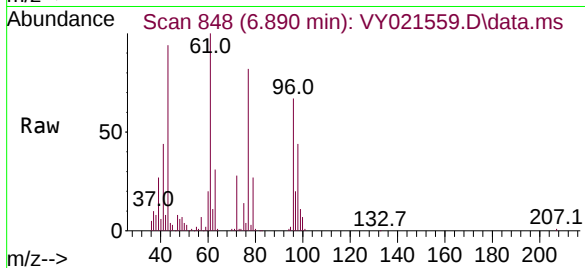
ClientSampleId :

Tgt Ion: 43 Resp: 77176

Ion Ratio Lower Upper

43 100

72 29.3 21.4 32.0



#26

2,2-Dichloropropane

Concen: 19.004 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021559.D

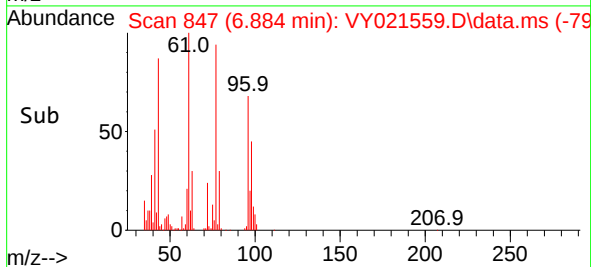
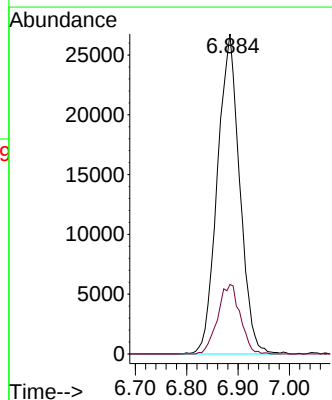
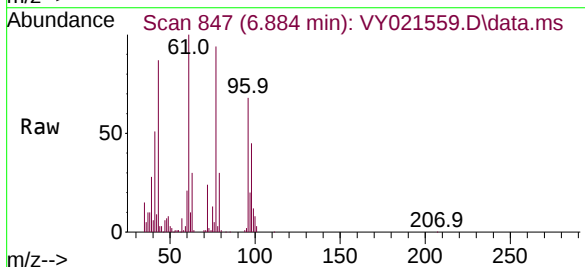
Acq: 18 Mar 2025 12:41

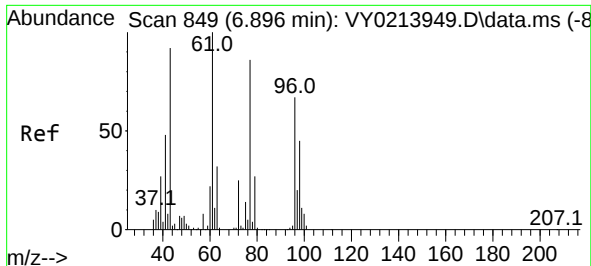
Tgt Ion: 77 Resp: 80626

Ion Ratio Lower Upper

77 100

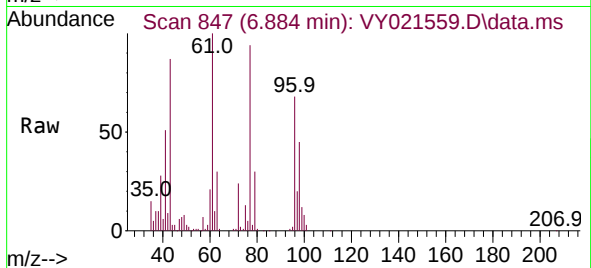
97 21.9 11.3 33.8





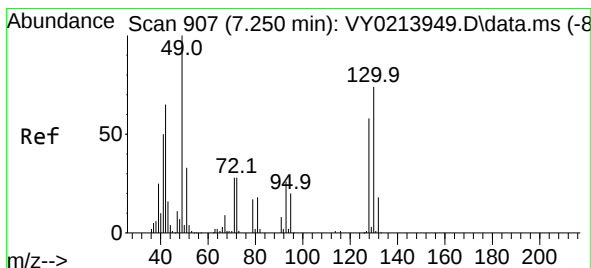
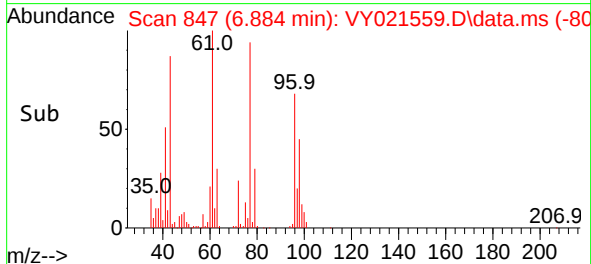
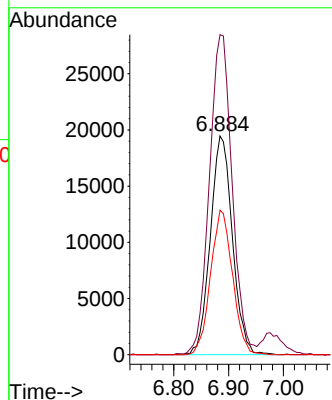
#27
 cis-1,2-Dichloroethene
 Concen: 19.082 ug/l
 RT: 6.884 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 54460

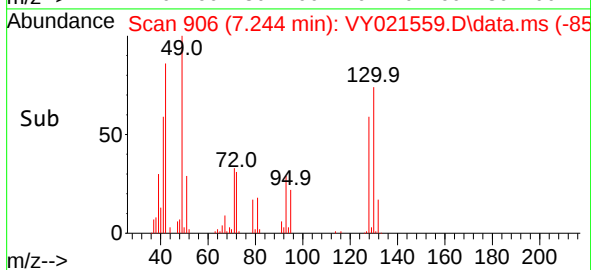
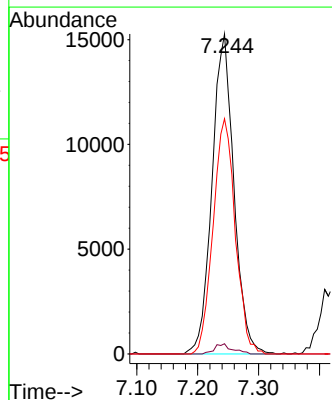
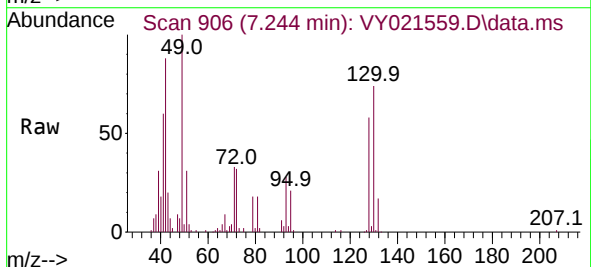
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	300.8
98	65.7	0.0	130.0

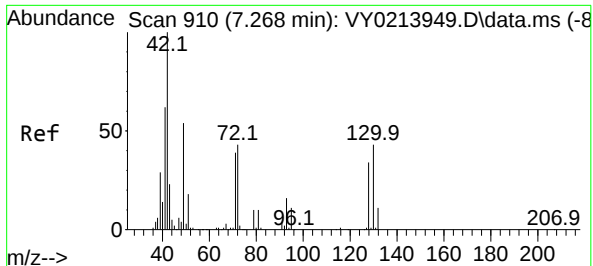


#28
 Bromochloromethane
 Concen: 19.702 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

Tgt Ion: 49 Resp: 38085

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.2
130	74.5	59.6	89.4





#29

Tetrahydrofuran

Concen: 117.395 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY021559.D

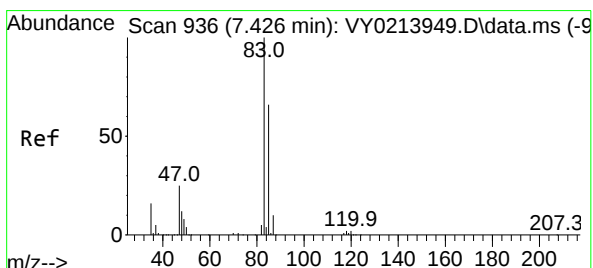
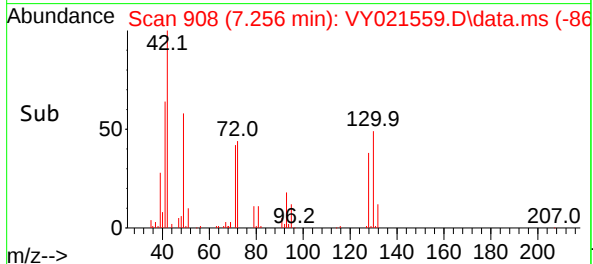
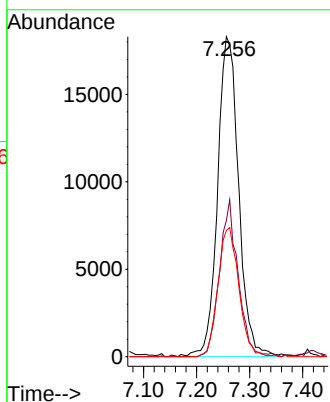
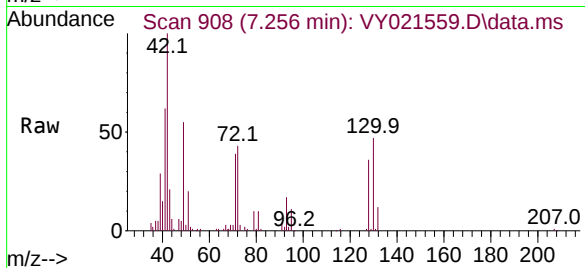
Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	50470
Ion Ratio	Lower	Upper	
42	100		
72	43.3	34.8	52.2
71	40.1	32.6	48.8



#30

Chloroform

Concen: 19.842 ug/l

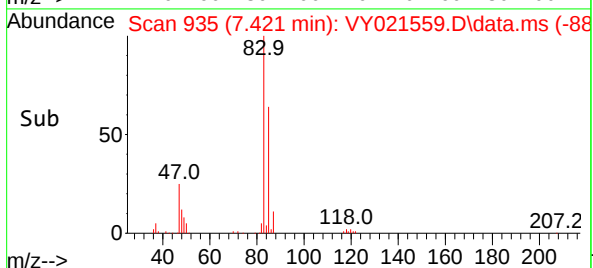
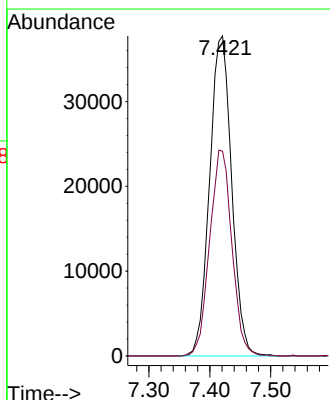
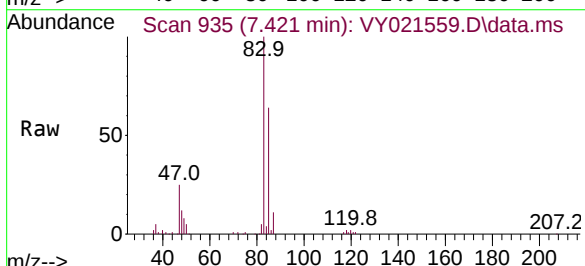
RT: 7.421 min Scan# 935

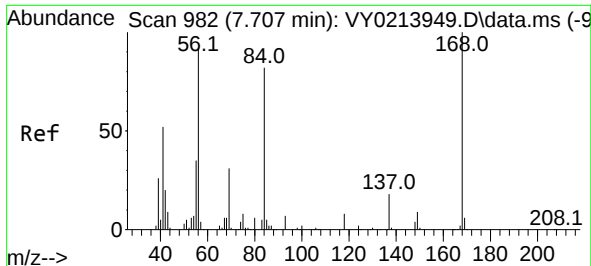
Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

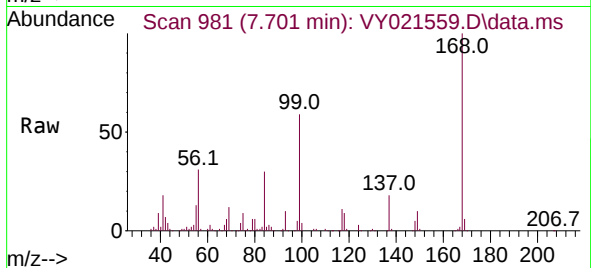
Tgt Ion:	83	Resp:	95004
Ion Ratio	Lower	Upper	
83	100		
85	64.0	53.1	79.7



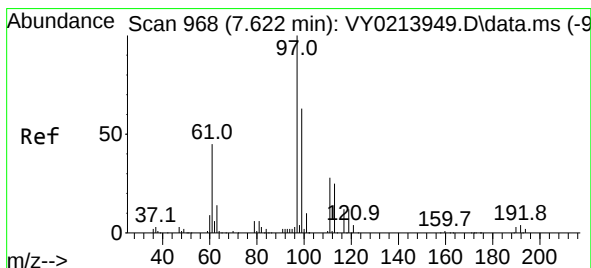
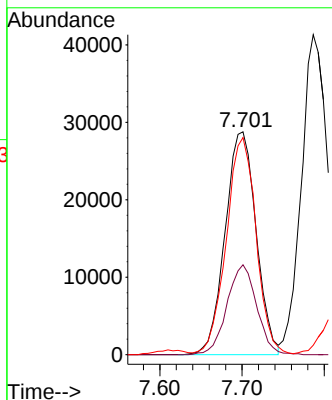
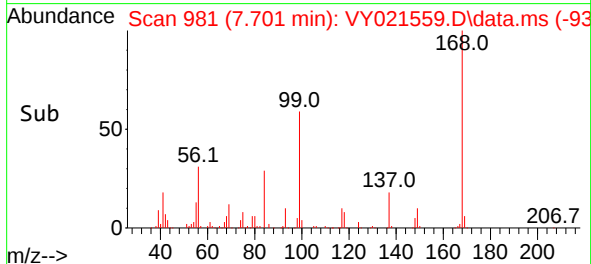


#31
Cyclohexane
Concen: 17.469 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :

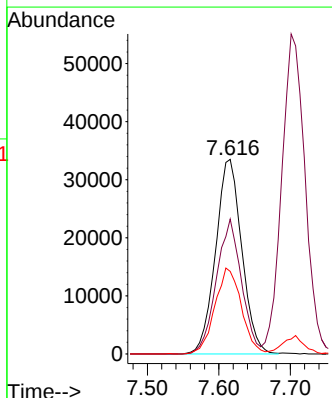
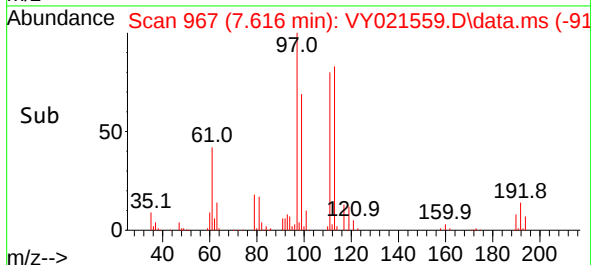
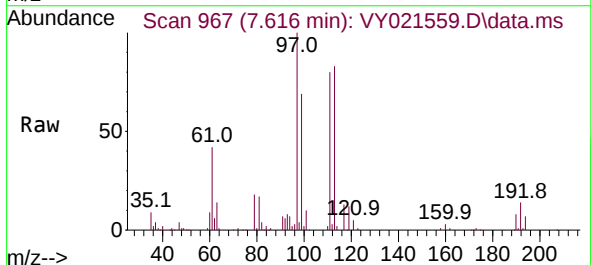


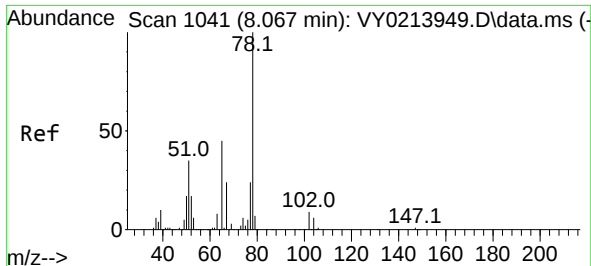
Tgt Ion:	56	Resp:	75514
Ion	Ratio	Lower	Upper
56	100		
69	40.4	27.0	40.4
84	95.5	71.1	106.7



#32
1,1,1-Trichloroethane
Concen: 19.422 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion:	97	Resp:	85148
Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.7	77.5
61	44.6	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 47.497 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

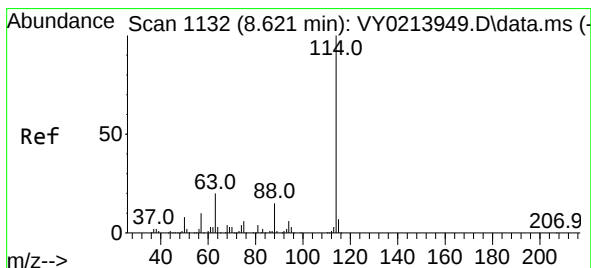
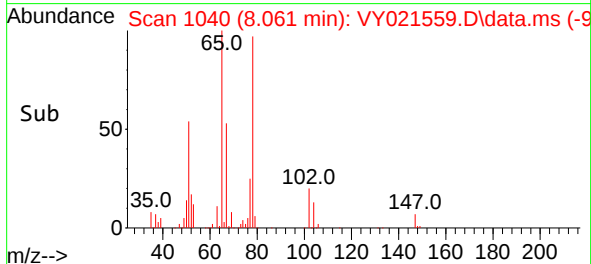
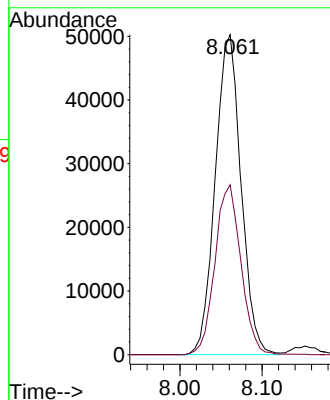
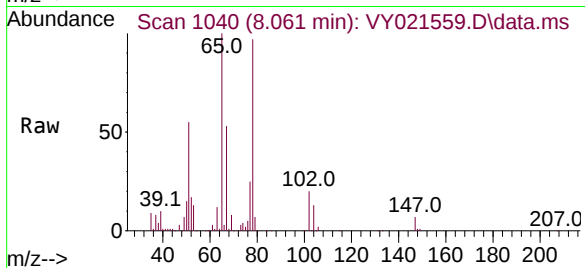
ClientSampleId :

Tgt Ion: 65 Resp: 109629

Ion Ratio Lower Upper

65 100

67 53.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

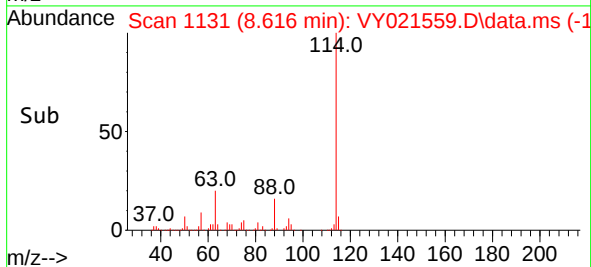
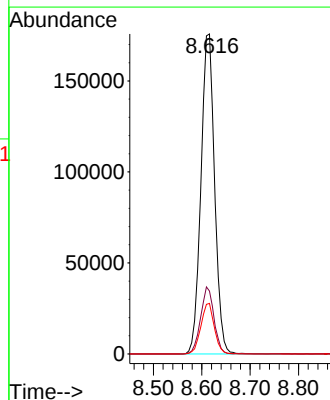
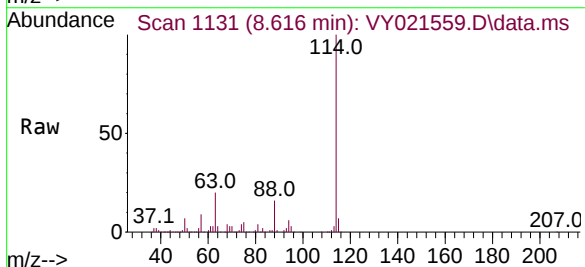
Tgt Ion: 114 Resp: 345561

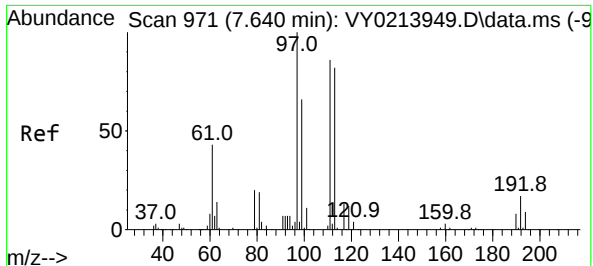
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 46.001 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

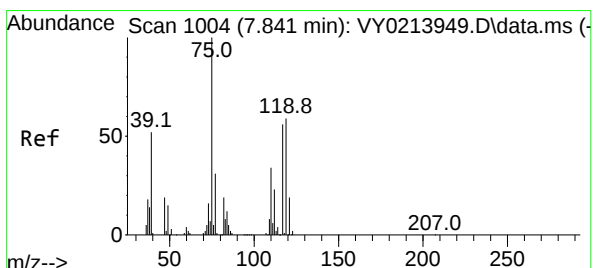
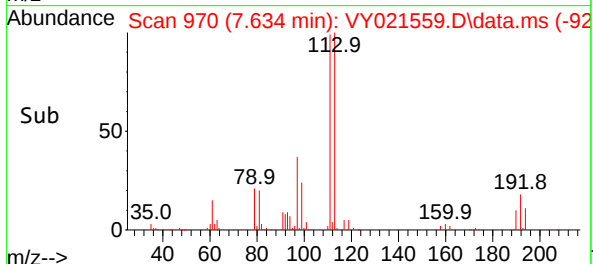
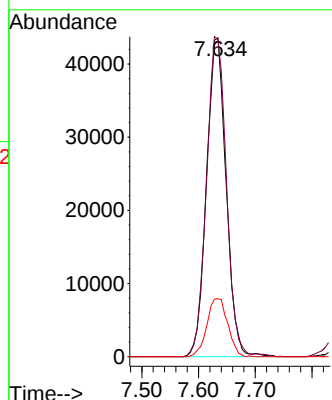
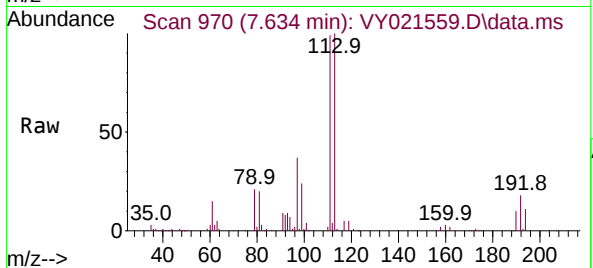
Tgt Ion:113 Resp: 104488

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

192 19.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.054 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. -0.012 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

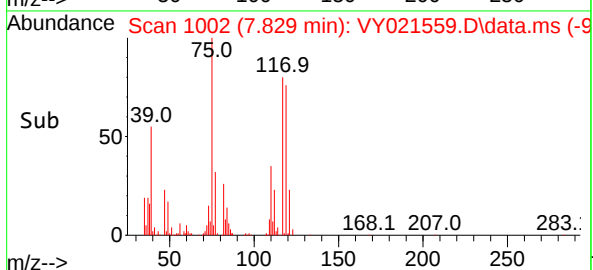
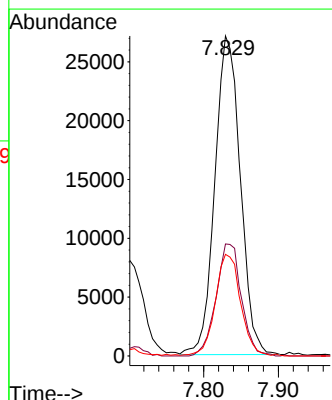
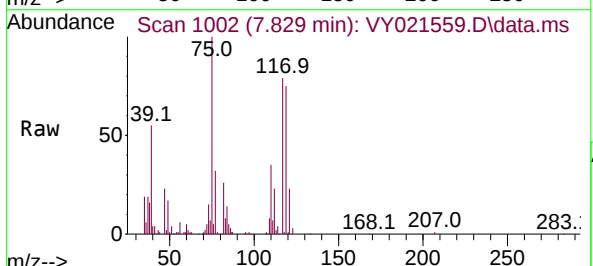
Tgt Ion: 75 Resp: 64191

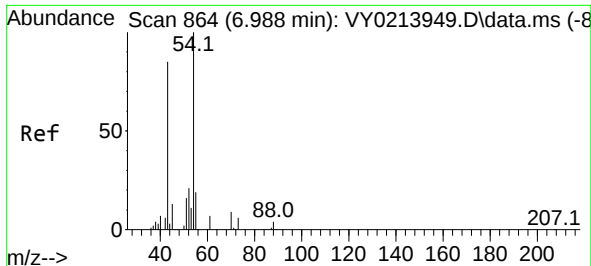
Ion Ratio Lower Upper

75 100

110 34.9 17.3 51.7

77 31.9 25.4 38.2

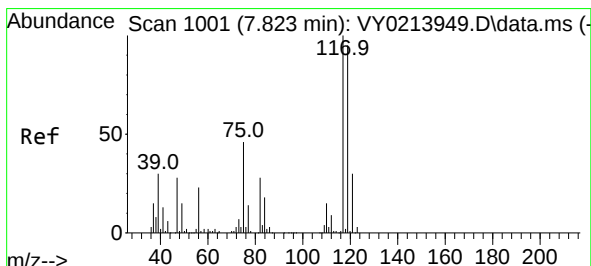
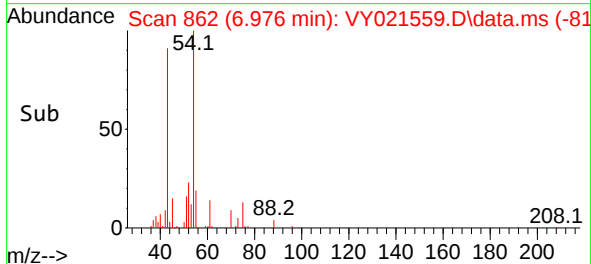
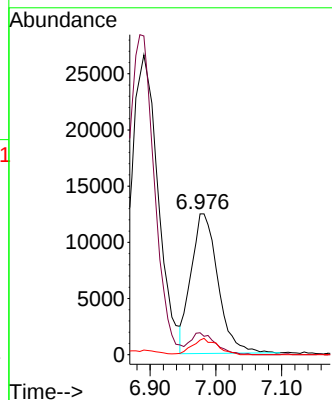
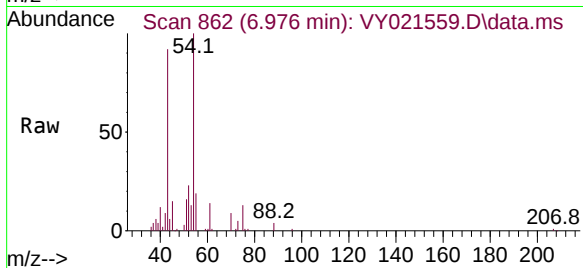




#37
Ethyl Acetate
Concen: 22.504 ug/l
RT: 6.976 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

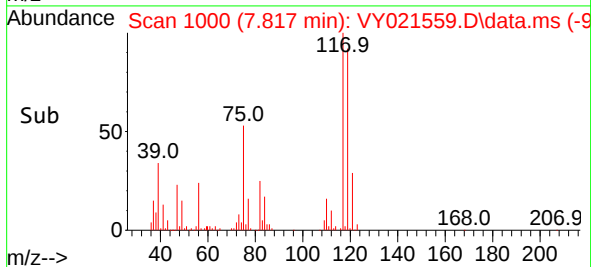
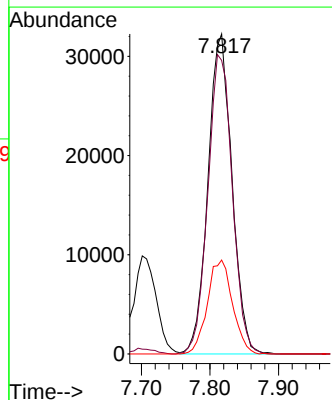
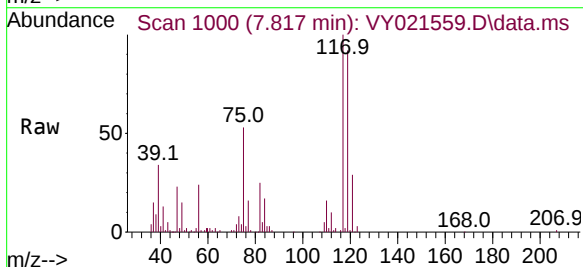
Instrument :
MSVOA_Y
ClientSampleId :

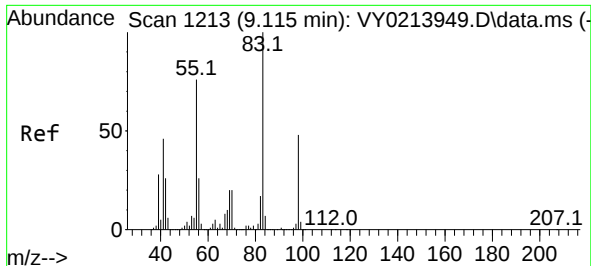
Tgt Ion: 43 Resp: 35364
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.0
70 10.8 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.193 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 117 Resp: 78480
Ion Ratio Lower Upper
117 100
119 91.8 75.8 113.8
121 29.4 23.9 35.9





#39

Methylcyclohexane

Concen: 17.489 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

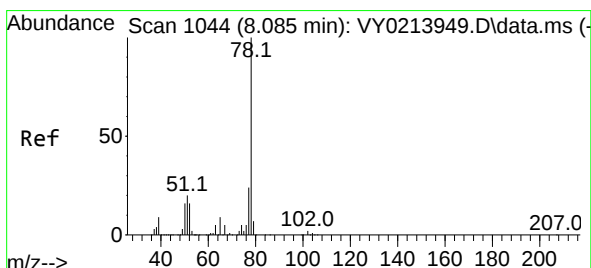
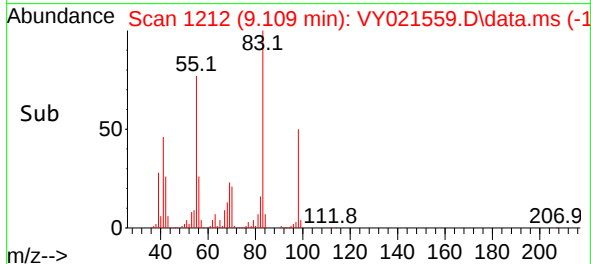
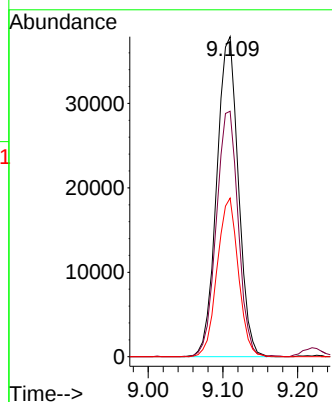
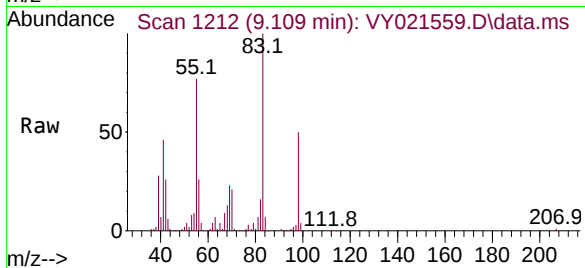
Tgt Ion: 83 Resp: 76272

Ion Ratio Lower Upper

83 100

55 76.7 60.7 91.1

98 49.6 38.6 57.8



#40

Benzene

Concen: 18.909 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021559.D

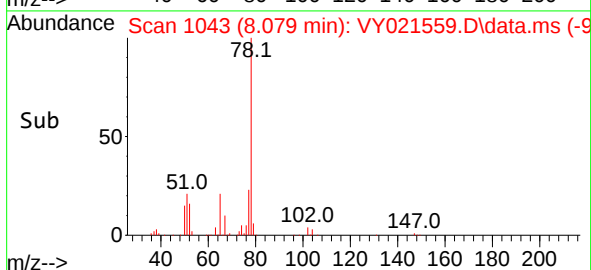
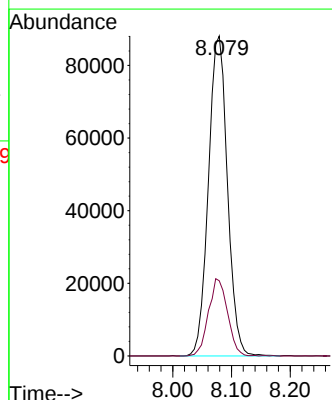
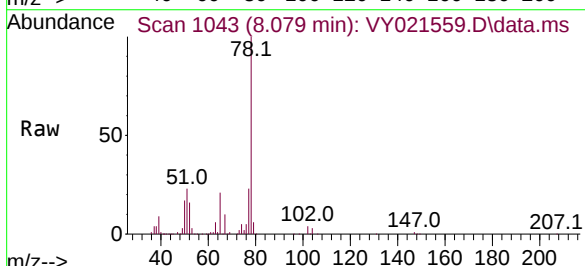
Acq: 18 Mar 2025 12:41

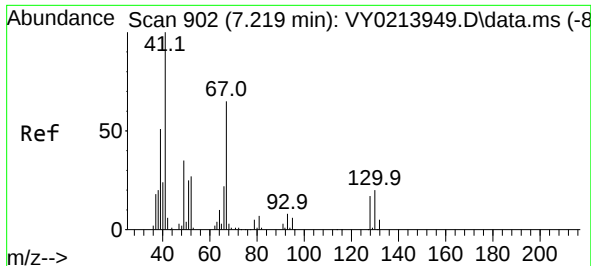
Tgt Ion: 78 Resp: 198050

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4

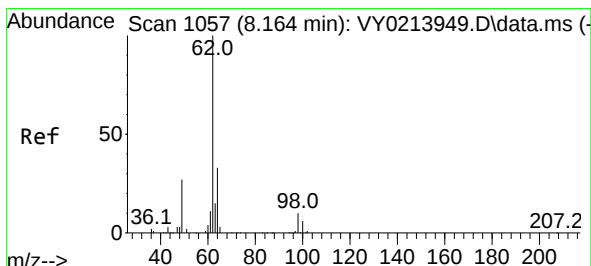
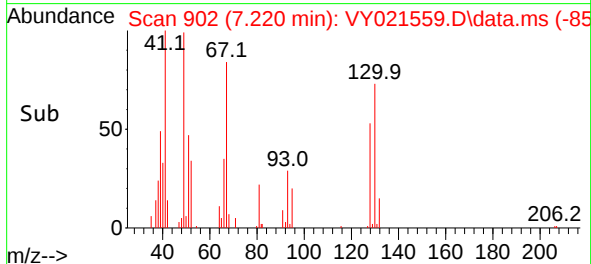
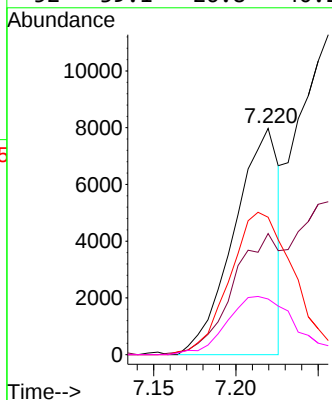
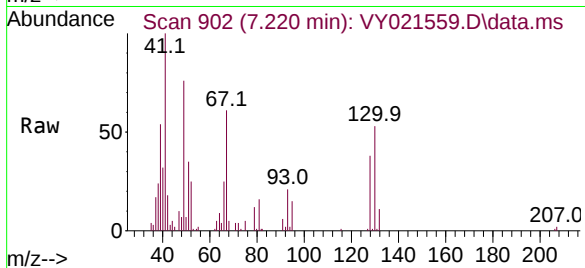




#41
Methacrylonitrile
Concen: 17.698 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

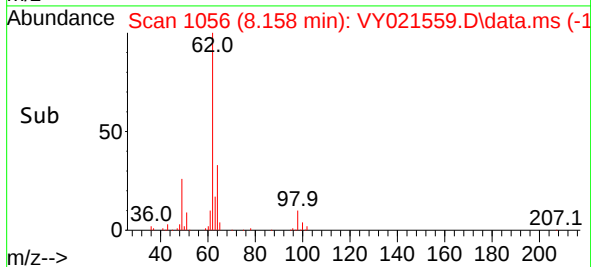
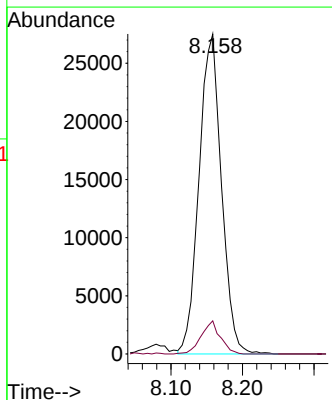
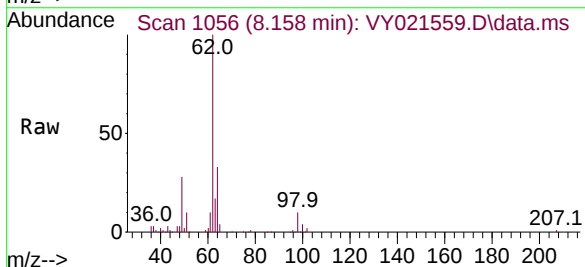
Instrument :
MSVOA_Y
ClientSampleId :

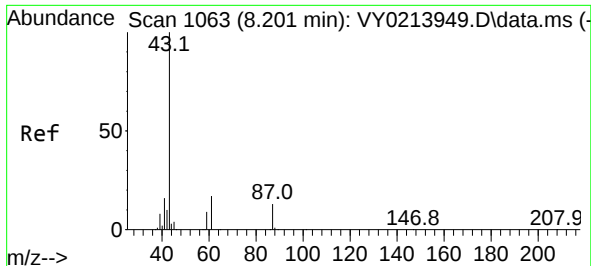
Tgt Ion:	41	Resp:	15144
Ion	Ratio	Lower	Upper
41	100		
39	55.1	35.0	52.6#
67	91.3	61.2	91.8
52	39.1	26.8	40.2



#42
1,2-Dichloroethane
Concen: 20.480 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion:	62	Resp:	60008
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2

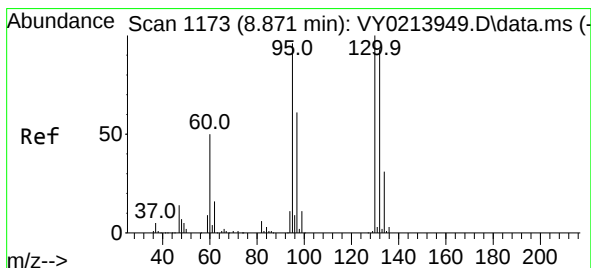
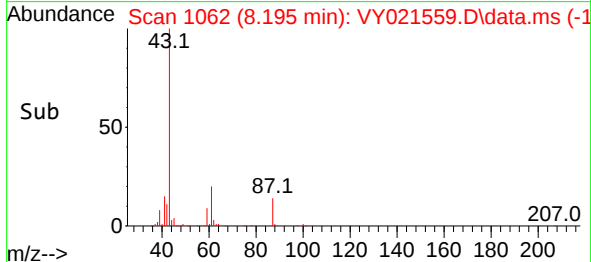
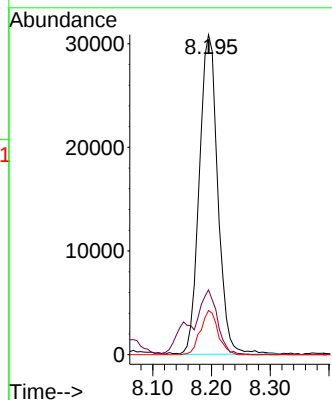
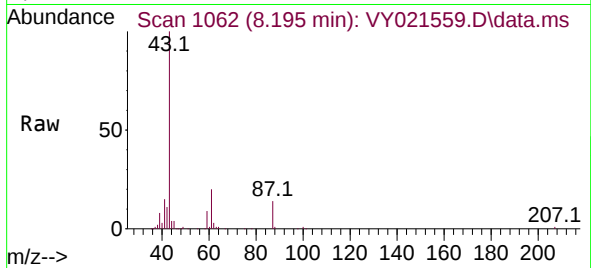




#43
Isopropyl Acetate
Concen: 22.044 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

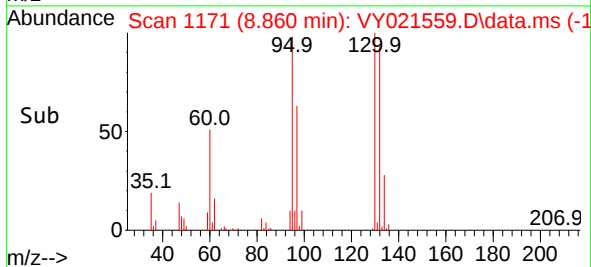
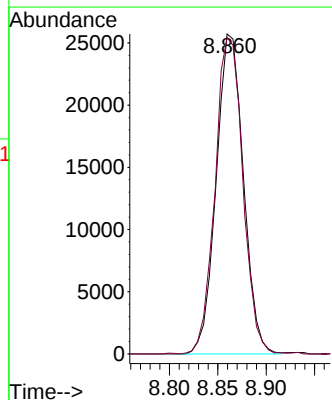
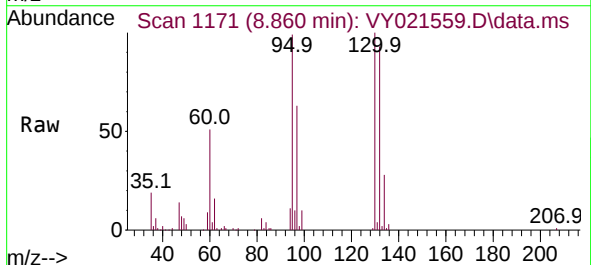
Instrument :
MSVOA_Y
ClientSampleId :

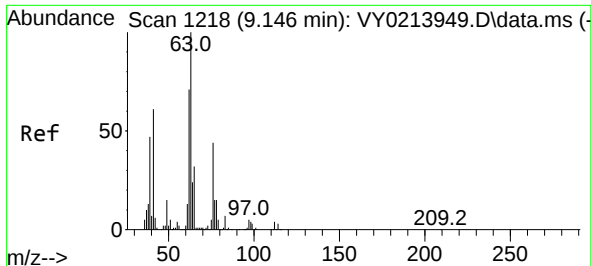
Tgt Ion: 43 Resp: 67249
Ion Ratio Lower Upper
43 100
61 19.3 23.4 35.0#
87 13.1 10.5 15.7



#44
Trichloroethene
Concen: 18.980 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion:130 Resp: 50234
Ion Ratio Lower Upper
130 100
95 98.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 19.782 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

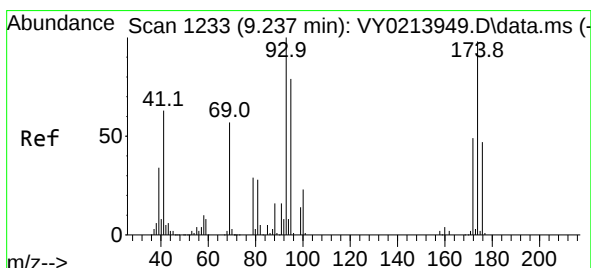
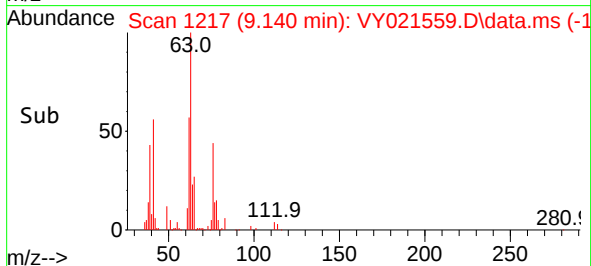
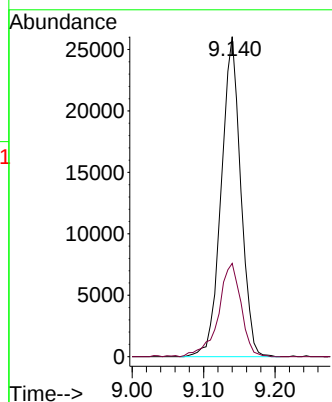
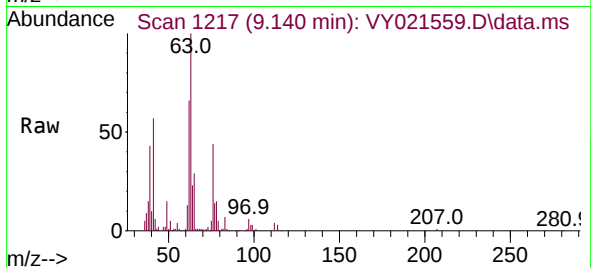
ClientSampleId :

Tgt Ion: 63 Resp: 49311

Ion Ratio Lower Upper

63 100

65 29.2 26.0 39.0



#46

Dibromomethane

Concen: 20.335 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

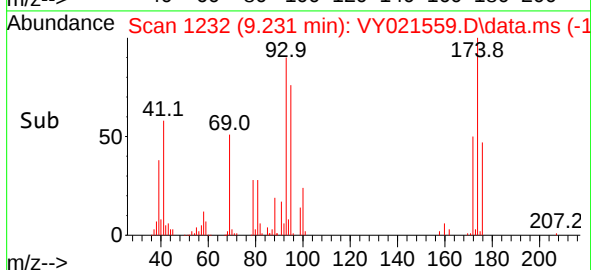
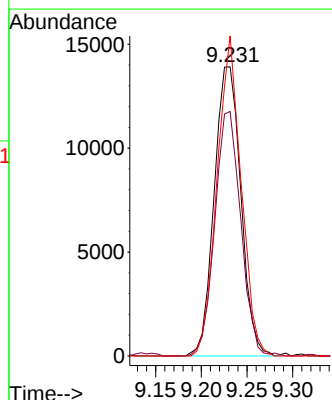
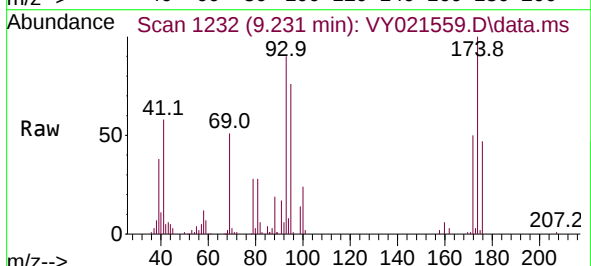
Tgt Ion: 93 Resp: 28205

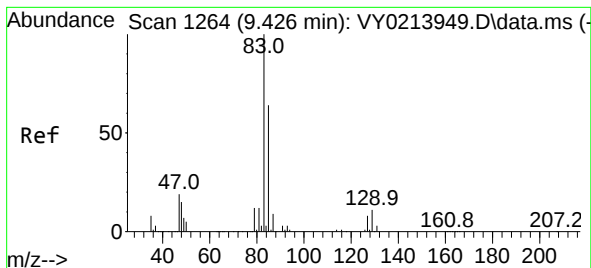
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 99.8 77.9 116.9





#47

Bromodichloromethane

Concen: 20.123 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY021559.D

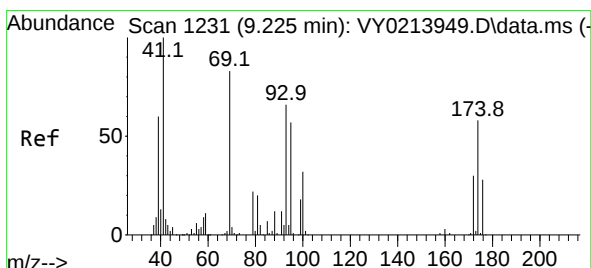
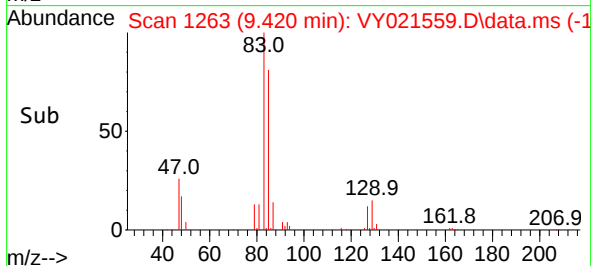
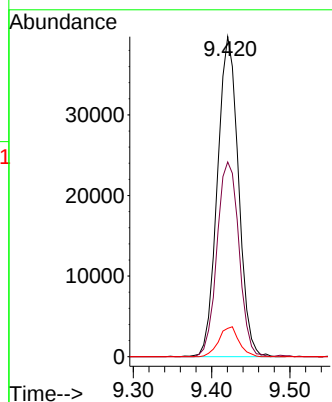
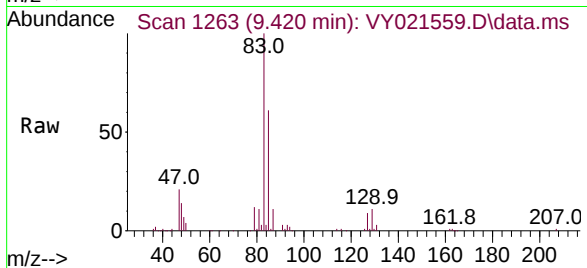
Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	74121
Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.1	76.7
127	8.9	6.7	10.1



#48

Methyl methacrylate

Concen: 21.008 ug/l

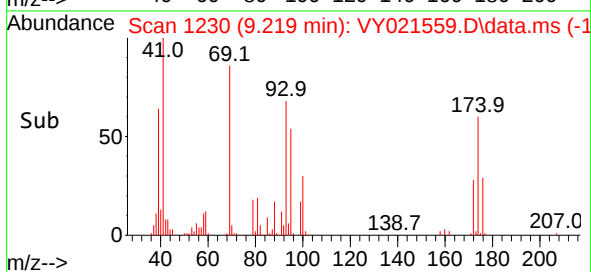
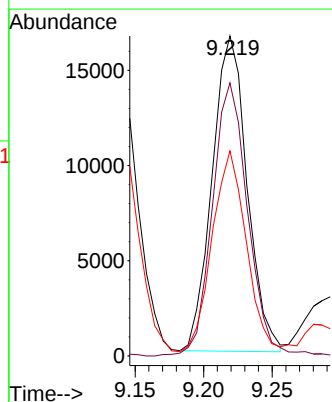
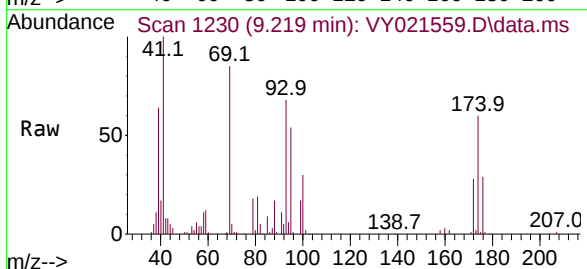
RT: 9.219 min Scan# 1230

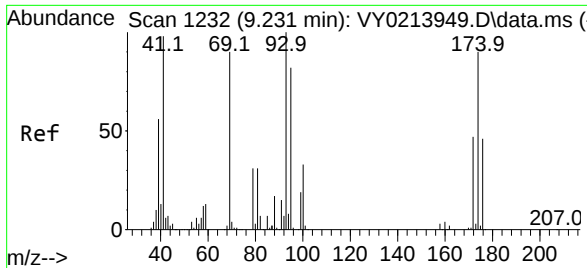
Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

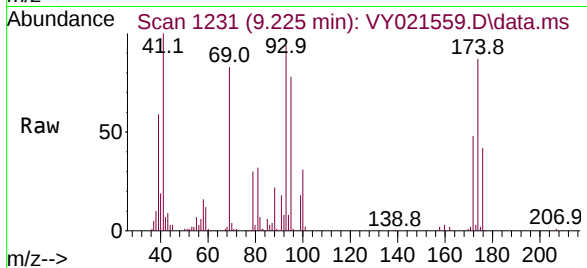
Tgt Ion:	41	Resp:	29429
Ion	Ratio	Lower	Upper
41	100		
69	87.7	67.8	101.8
39	62.2	46.4	69.6



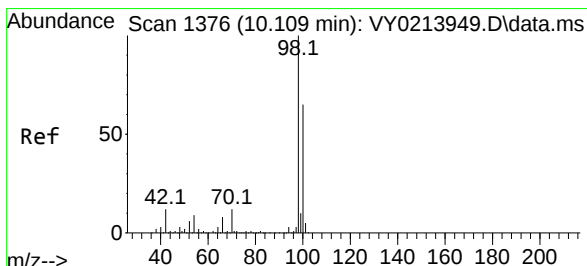
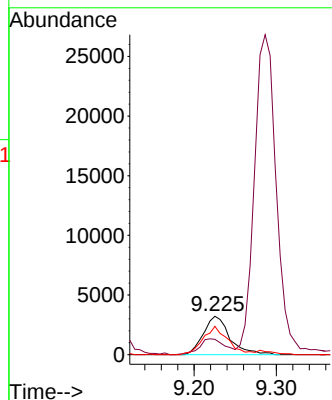
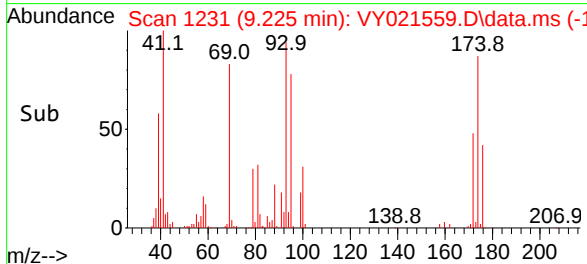


#49
1,4-Dioxane
Concen: 529.025 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Instrument :
MSVOA_Y
ClientSampleId :

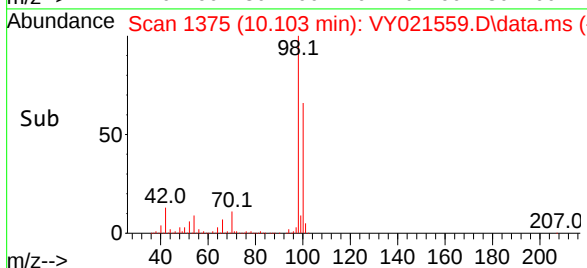
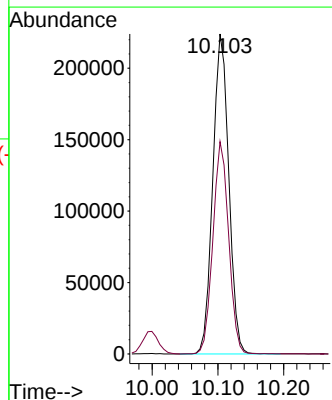
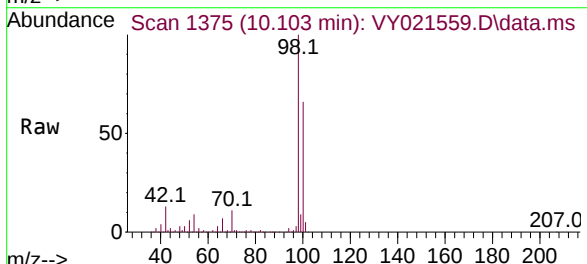


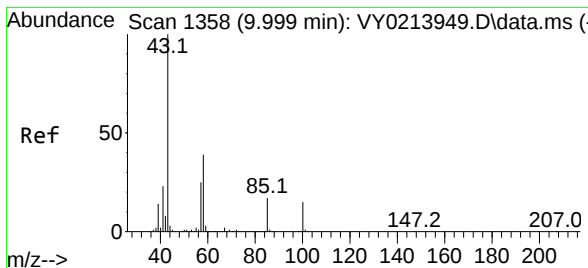
Tgt Ion: 88 Resp: 7202
Ion Ratio Lower Upper
88 100
43 40.5 25.0 37.4#
58 69.8 58.4 87.6



#50
Toluene-d8
Concen: 43.998 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 98 Resp: 378394
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

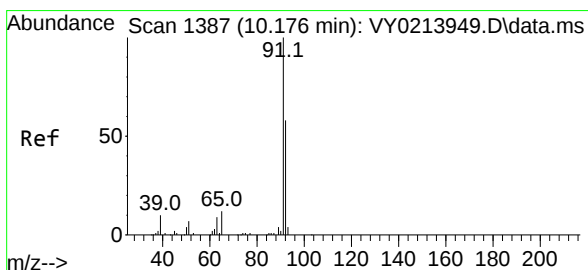
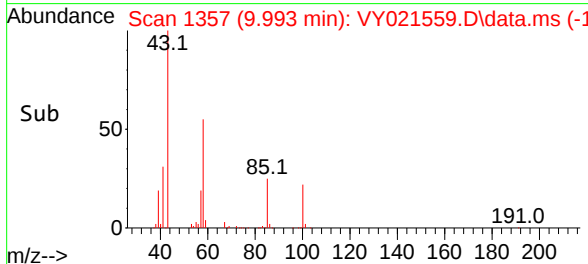
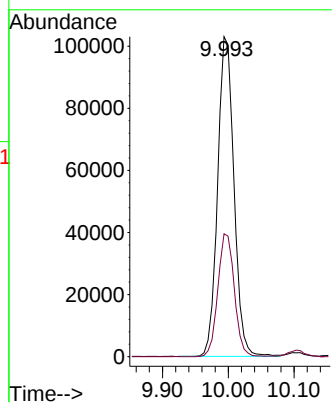
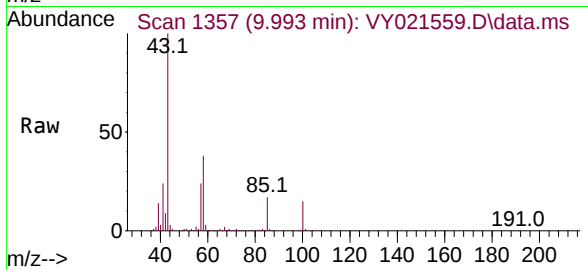




#51
4-Methyl-2-Pentanone
Concen: 113.387 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

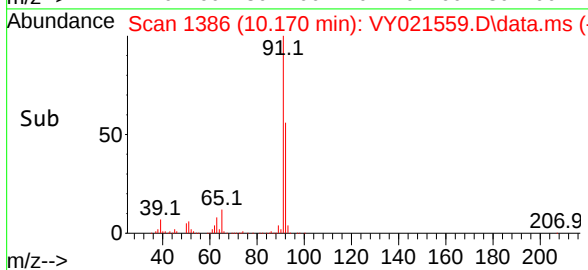
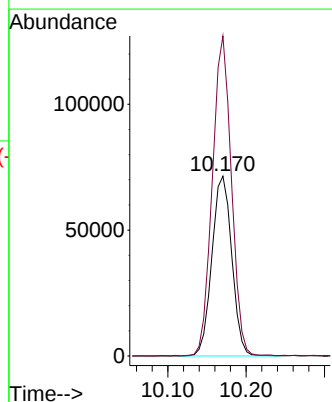
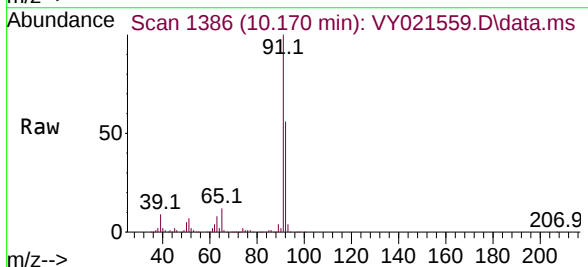
Instrument :
MSVOA_Y
ClientSampleId :

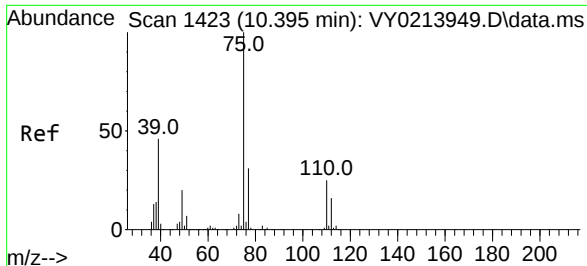
Tgt Ion: 43 Resp: 178474
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2



#52
Toluene
Concen: 19.051 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 92 Resp: 125797
Ion Ratio Lower Upper
92 100
91 171.3 138.2 207.2

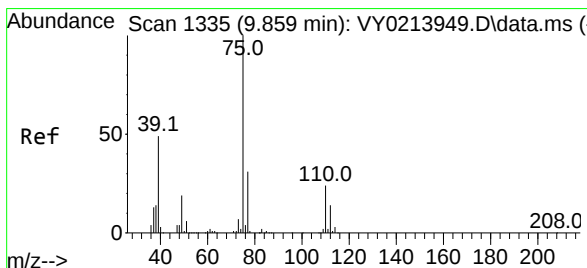
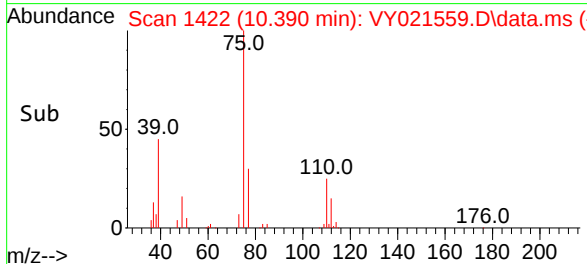
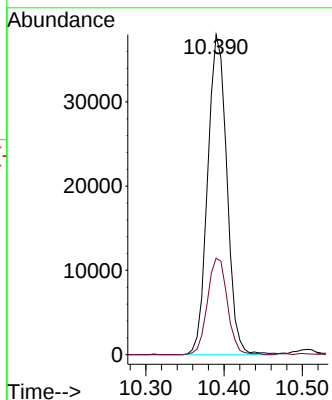
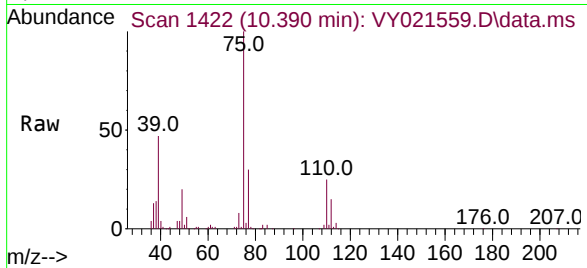




#53
 t-1,3-Dichloropropene
 Concen: 19.925 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

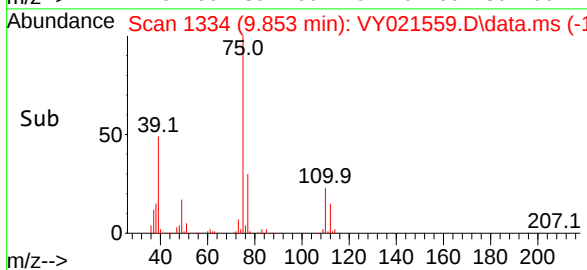
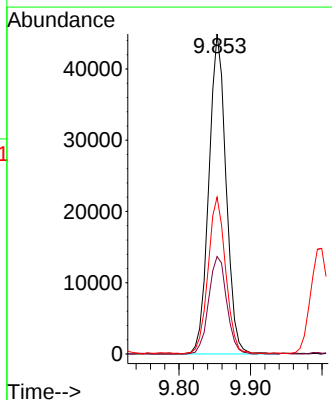
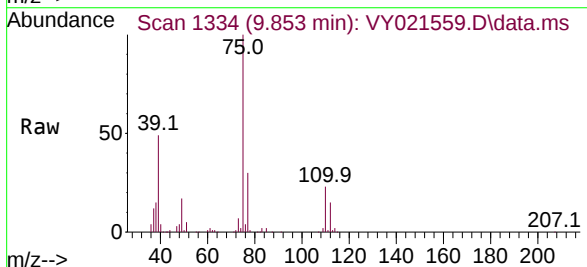
Instrument :
 MSVOA_Y
 ClientSampleId :

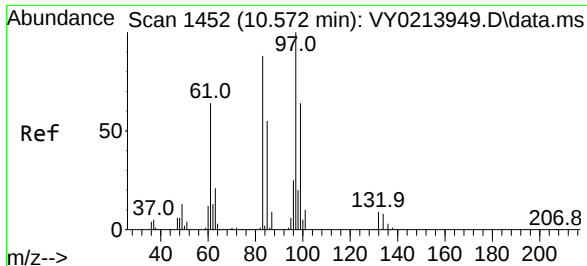
Tgt Ion: 75 Resp: 64659
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.447 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

Tgt Ion: 75 Resp: 74925
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 37.0
 39 48.7 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 20.995 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 38092

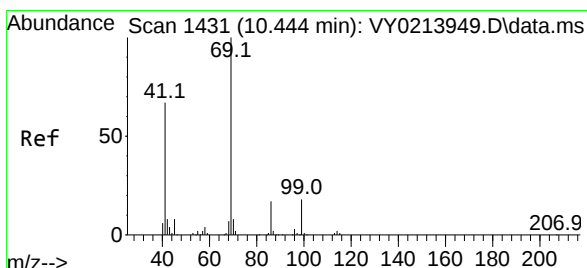
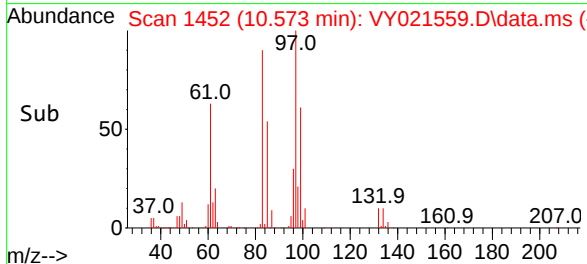
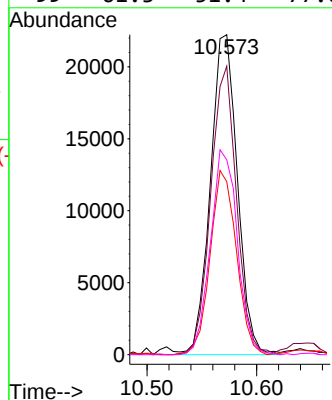
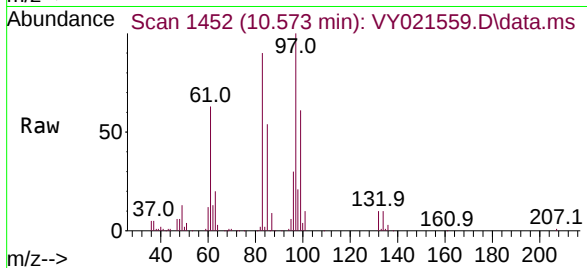
Ion Ratio Lower Upper

97 100

83 90.4 70.0 105.0

85 54.0 44.3 66.5

99 61.3 51.4 77.0



#56

Ethyl methacrylate

Concen: 21.347 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

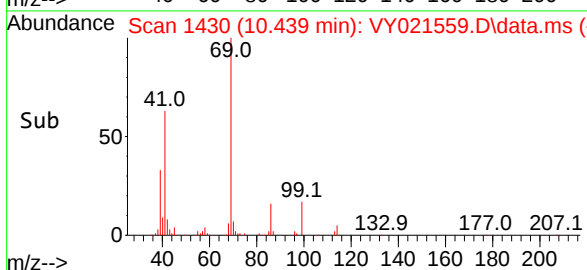
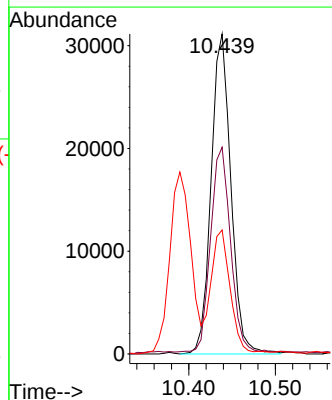
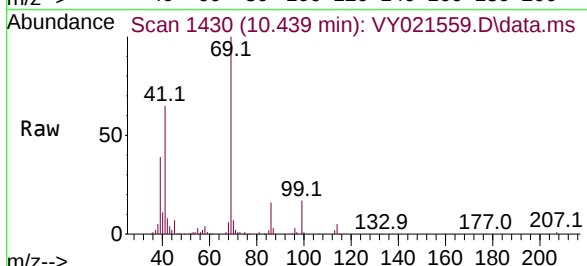
Tgt Ion: 69 Resp: 49394

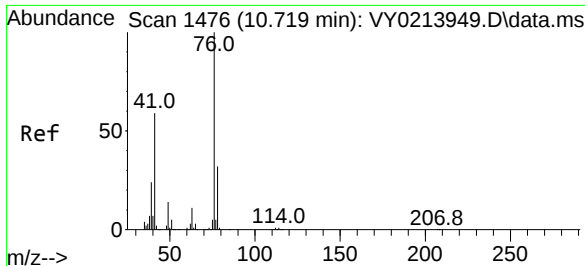
Ion Ratio Lower Upper

69 100

41 64.3 53.3 79.9

39 37.0 31.0 46.6





#57

1,3-Dichloropropane

Concen: 20.745 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

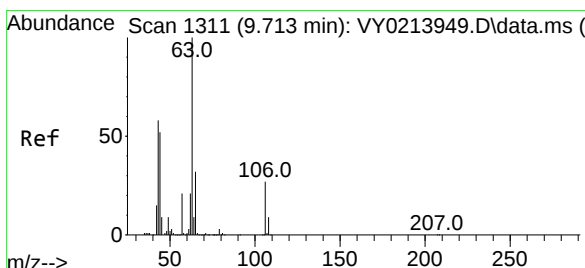
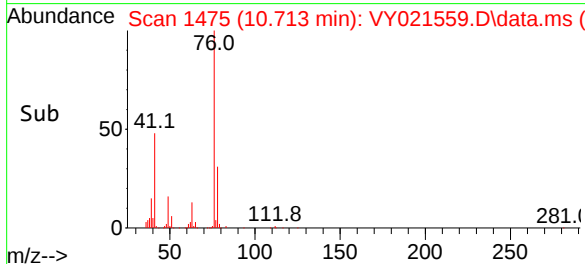
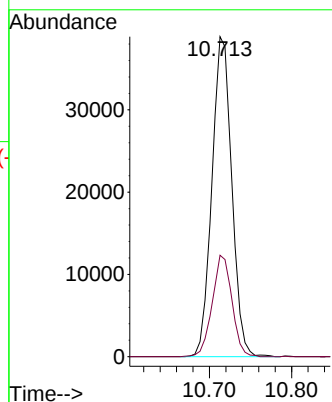
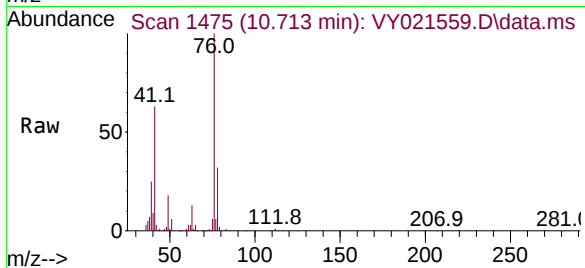
ClientSampleId :

Tgt Ion: 76 Resp: 65232

Ion Ratio Lower Upper

76 100

78 31.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 103.909 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021559.D

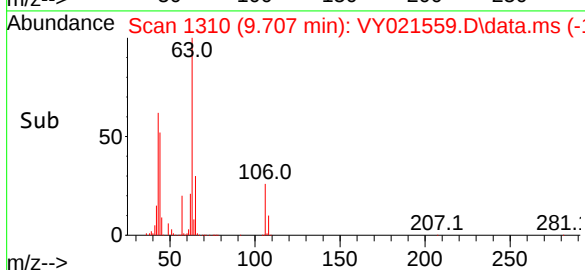
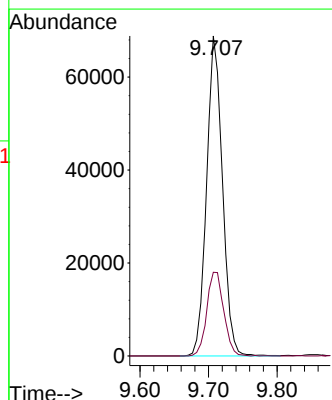
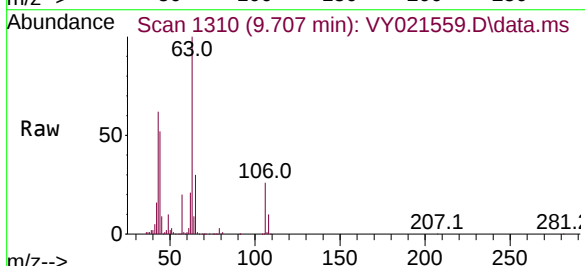
Acq: 18 Mar 2025 12:41

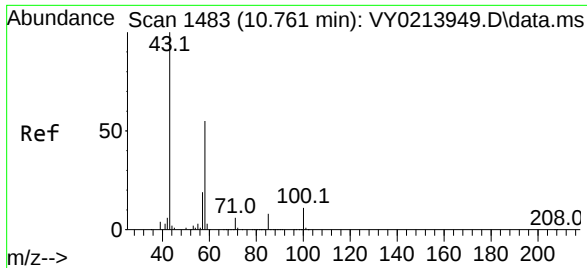
Tgt Ion: 63 Resp: 110991

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

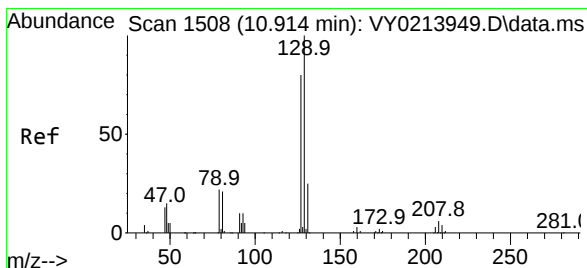
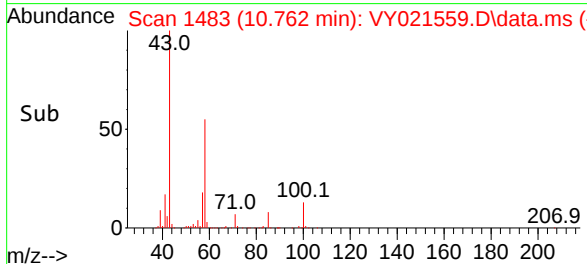
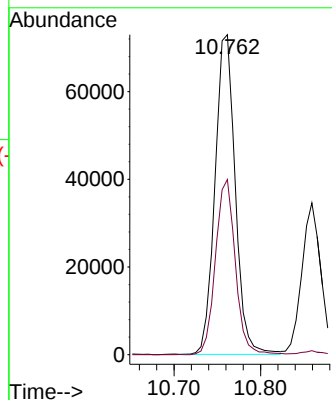
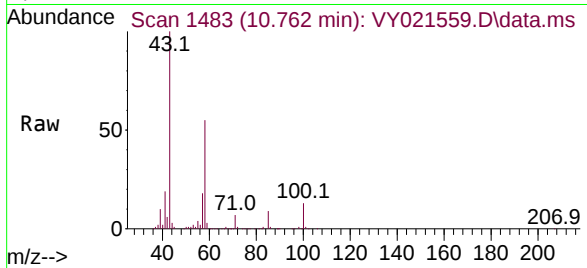




#59
2-Hexanone
Concen: 113.793 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

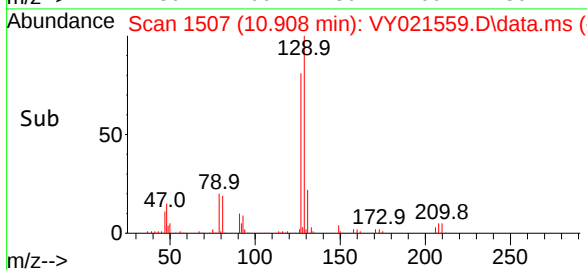
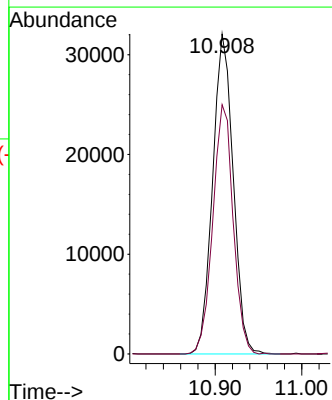
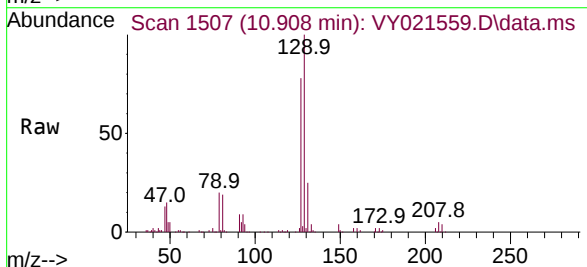
Instrument :
MSVOA_Y
ClientSampleId :

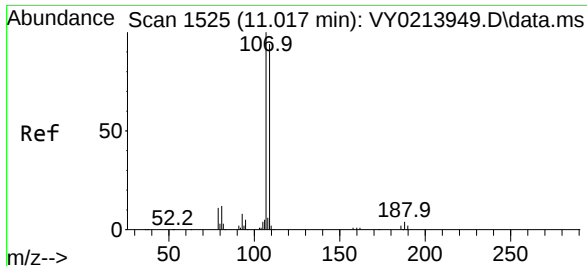
Tgt Ion: 43 Resp: 118434
Ion Ratio Lower Upper
43 100
58 53.8 27.3 81.8



#60
Dibromochloromethane
Concen: 21.252 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 129 Resp: 52861
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

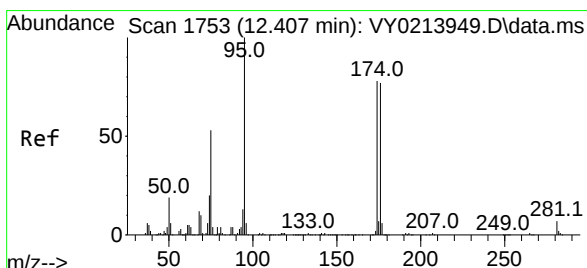
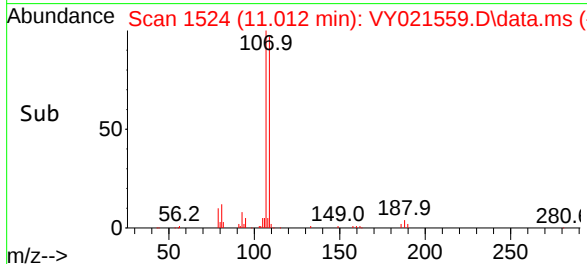
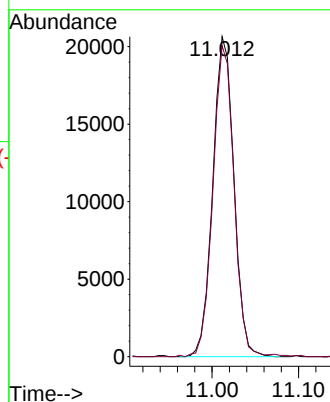
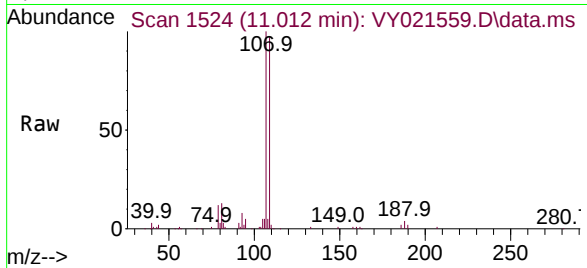




#61
1,2-Dibromoethane
Concen: 20.405 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

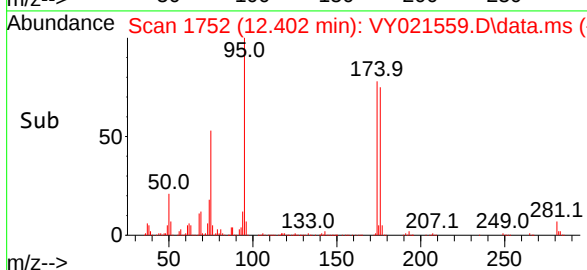
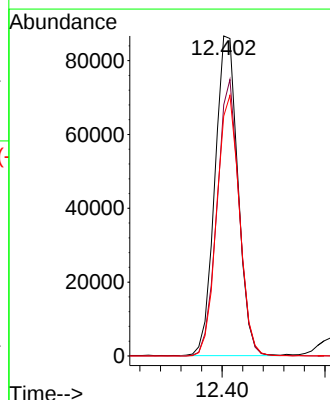
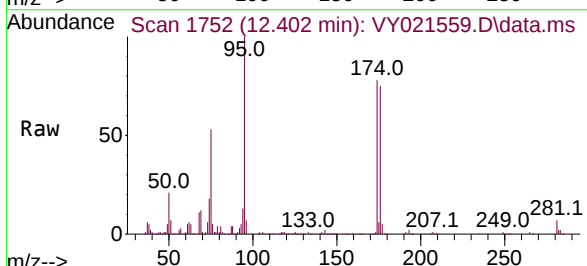
Instrument :
MSVOA_Y
ClientSampleId :

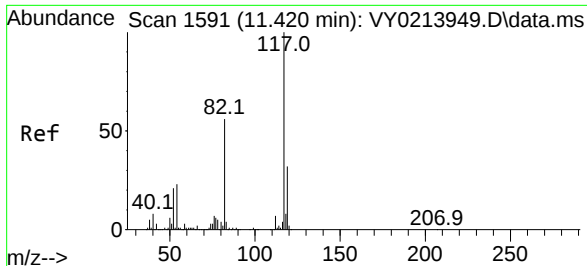
Tgt Ion:107 Resp: 34941
Ion Ratio Lower Upper
107 100
109 97.5 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 46.142 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 95 Resp: 134986
Ion Ratio Lower Upper
95 100
174 82.3 0.0 165.0
176 80.0 0.0 160.0

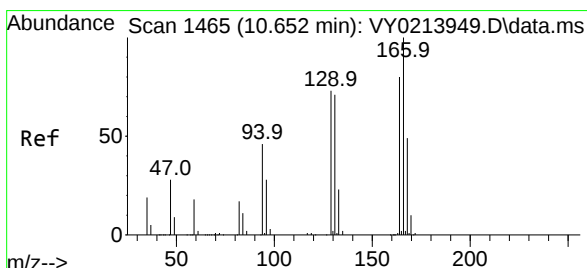
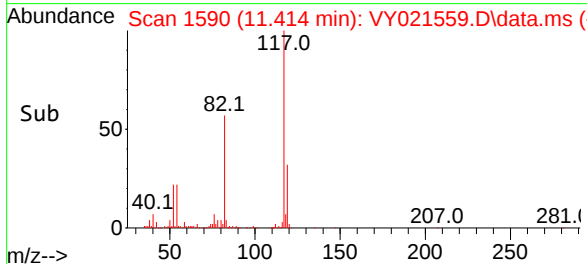
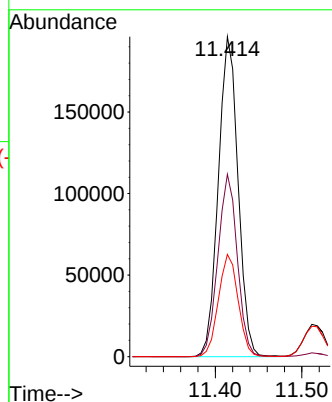
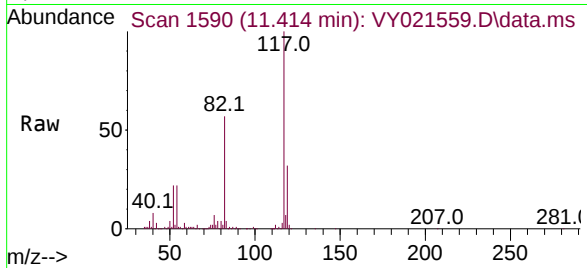




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

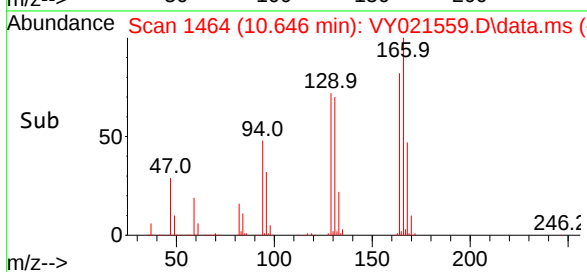
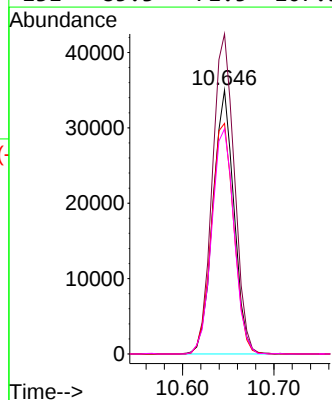
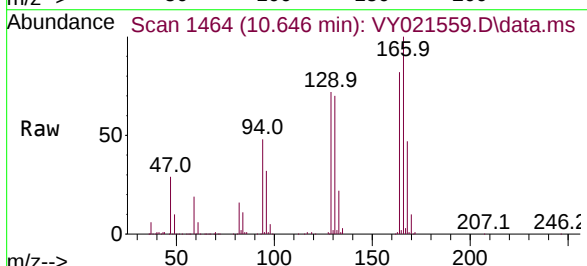
Instrument :
MSVOA_Y
ClientSampleId :

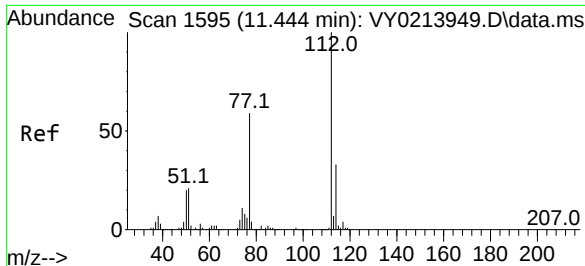
Tgt Ion:117 Resp: 310514
Ion Ratio Lower Upper
117 100
82 57.0 44.6 67.0
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 22.175 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion:164 Resp: 55991
Ion Ratio Lower Upper
164 100
166 121.3 100.4 150.6
129 87.4 73.8 110.8
131 85.3 71.5 107.3

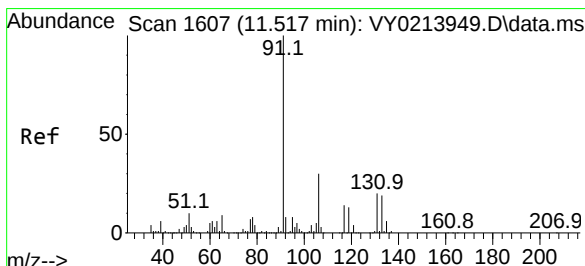
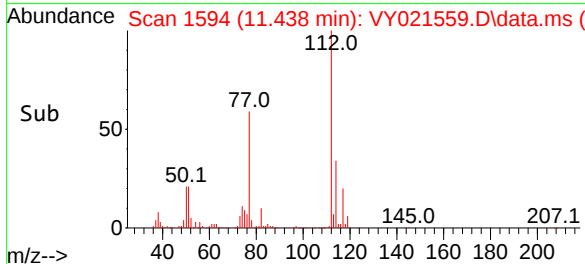
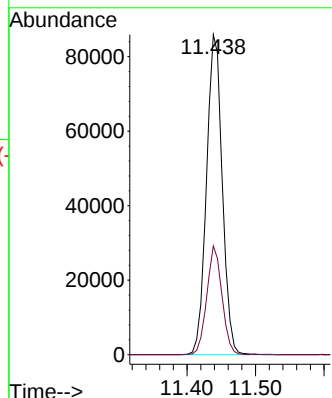
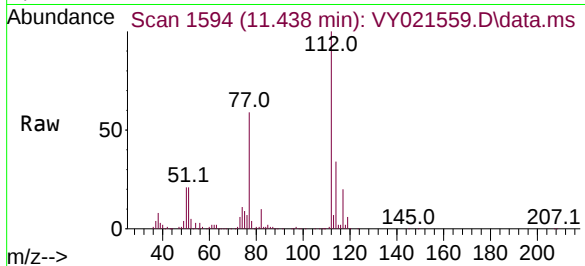




#65
Chlorobenzene
Concen: 18.746 ug/l
RT: 11.438 min Scan# 1112
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

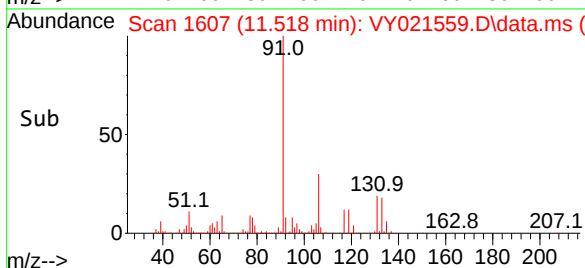
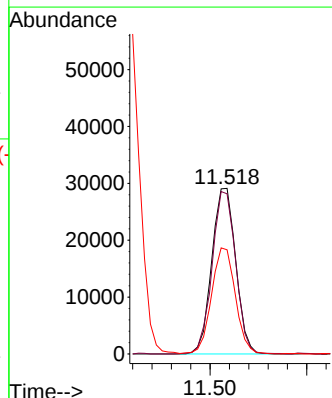
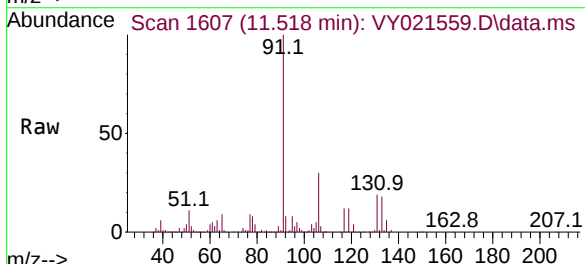
Instrument :
MSVOA_Y
ClientSampleId :

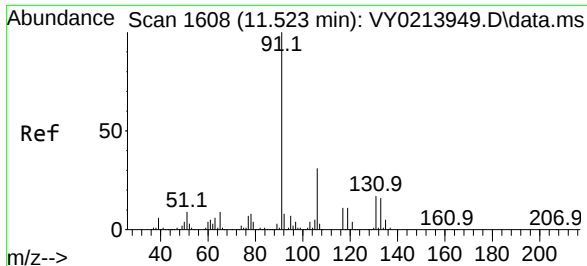
Tgt Ion:112 Resp: 137458
Ion Ratio Lower Upper
112 100
114 34.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.304 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion:131 Resp: 50044
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.9
119 64.0 32.3 96.9





#67

Ethyl Benzene

Concen: 18.383 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

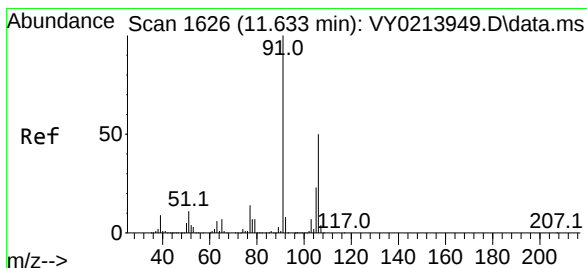
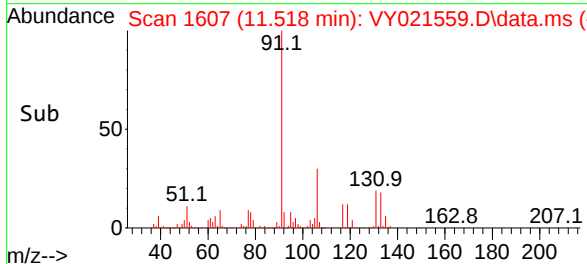
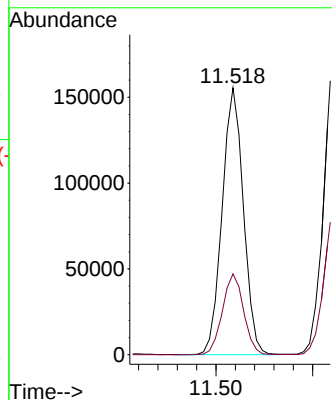
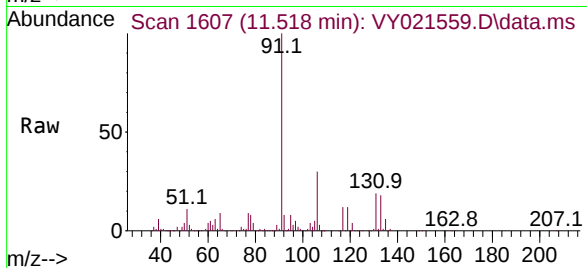
ClientSampleId :

Tgt Ion: 91 Resp: 236599

Ion Ratio Lower Upper

91 100

106 30.3 24.6 36.8



#68

m/p-Xylenes

Concen: 36.931 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021559.D

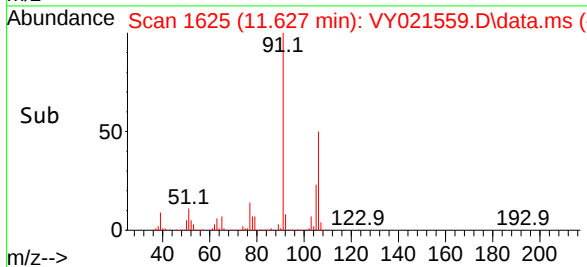
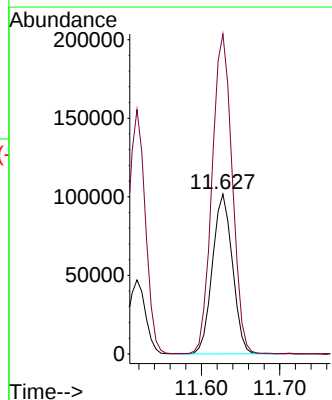
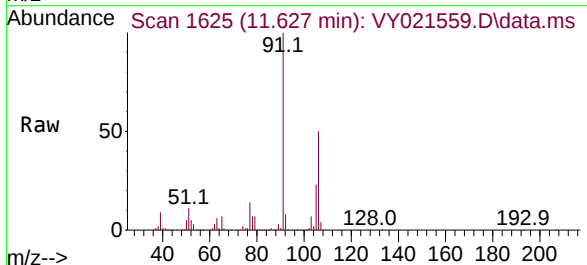
Acq: 18 Mar 2025 12:41

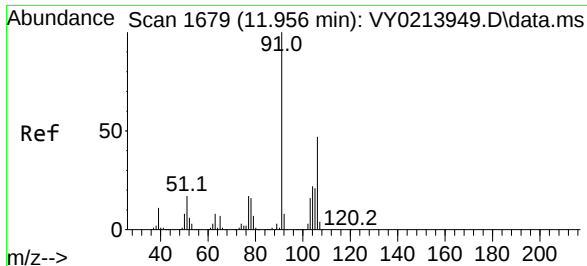
Tgt Ion:106 Resp: 180453

Ion Ratio Lower Upper

106 100

91 201.3 161.7 242.5





#69

o-Xylene

Concen: 18.873 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

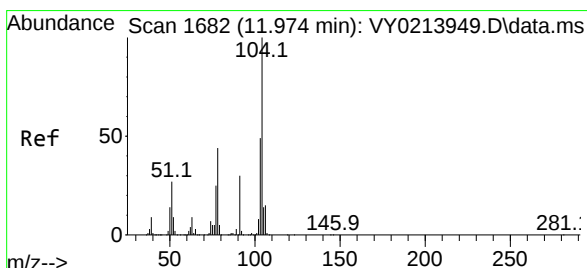
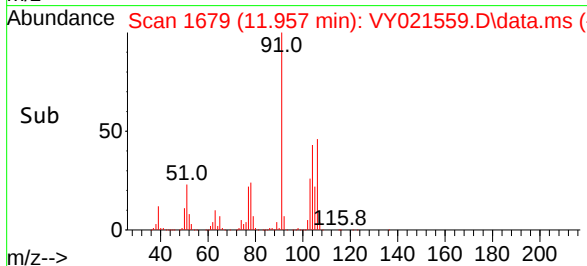
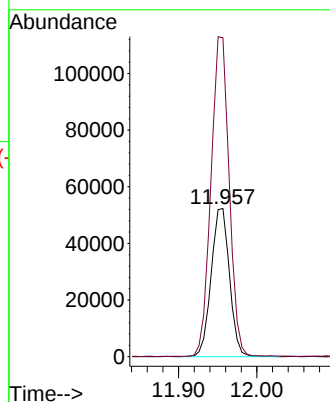
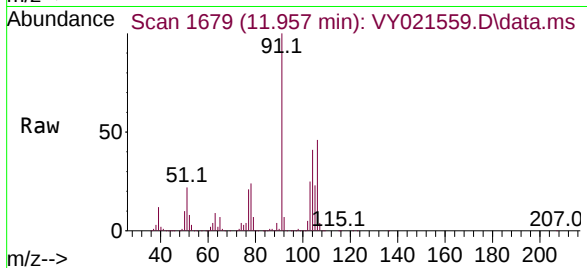
ClientSampleId :

Tgt Ion:106 Resp: 84993

Ion Ratio Lower Upper

106 100

91 214.2 107.6 322.8



#70

Styrene

Concen: 19.483 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

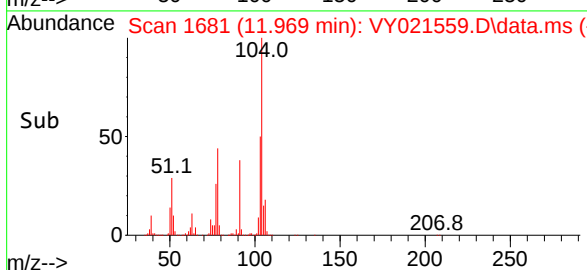
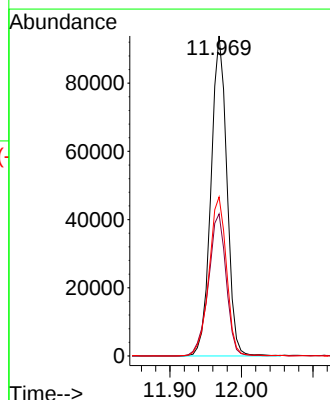
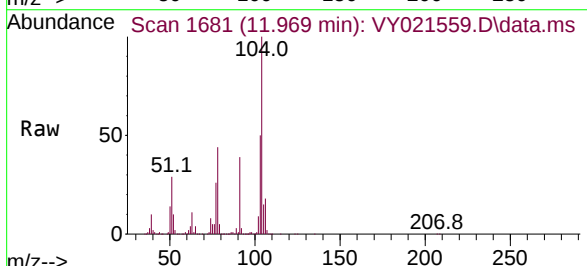
Tgt Ion:104 Resp: 145550

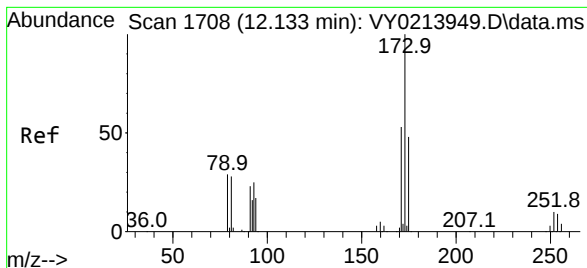
Ion Ratio Lower Upper

104 100

78 49.3 40.7 61.1

103 54.4 44.1 66.1

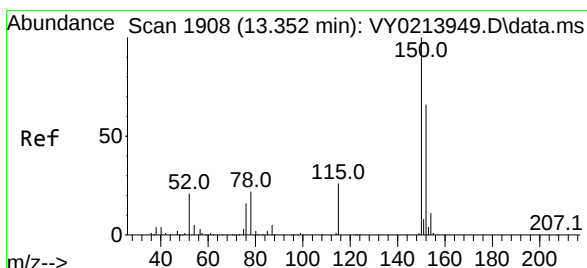
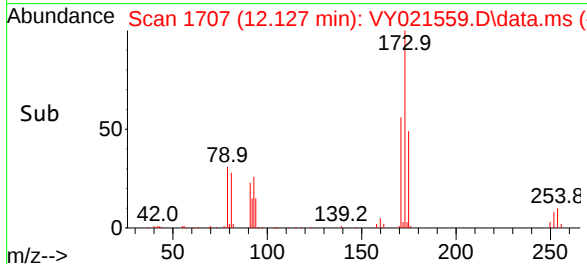
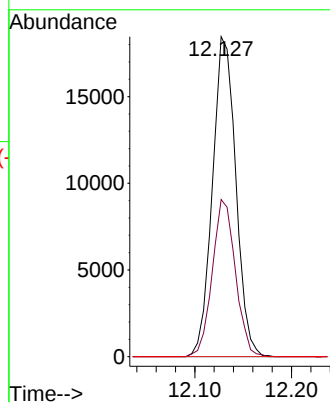
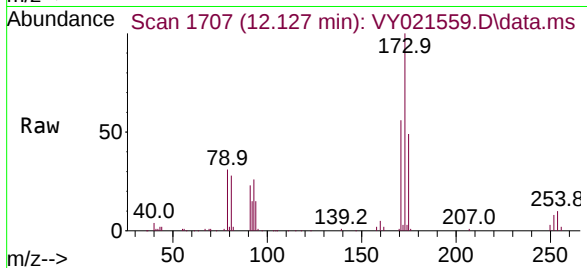




#71
Bromoform
Concen: 21.350 ug/l
RT: 12.127 min Scan# 1707
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

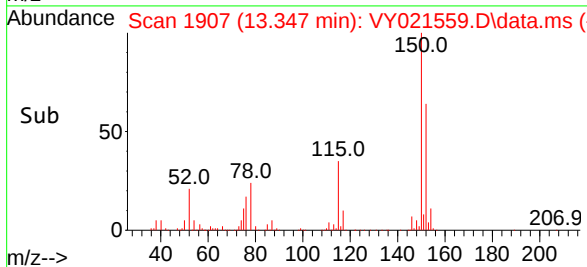
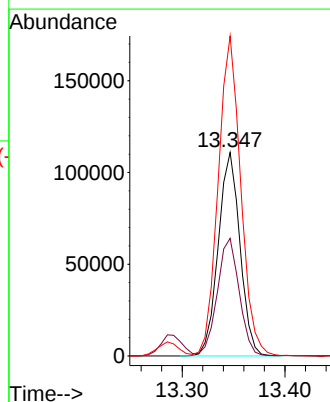
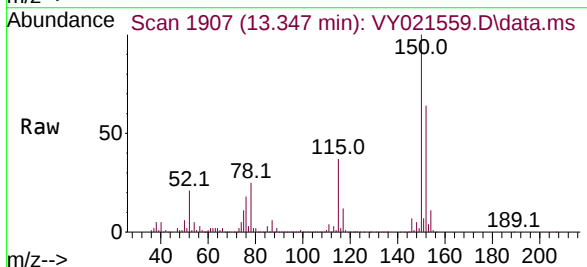
Instrument :
MSVOA_Y
ClientSampleId :

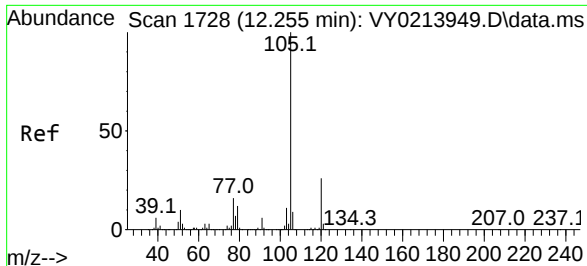
Tgt Ion:173 Resp: 30940
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion:152 Resp: 162504
Ion Ratio Lower Upper
152 100
115 58.3 29.0 87.0
150 163.2 0.0 347.2

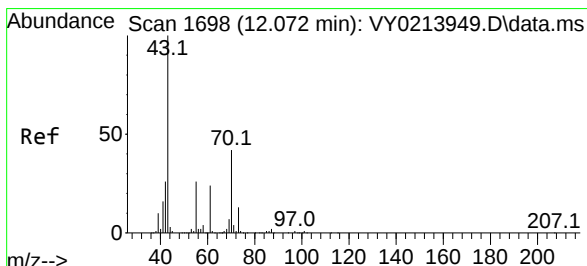
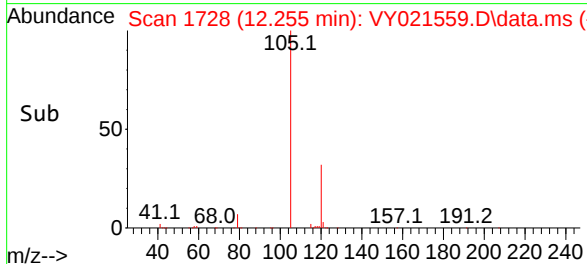
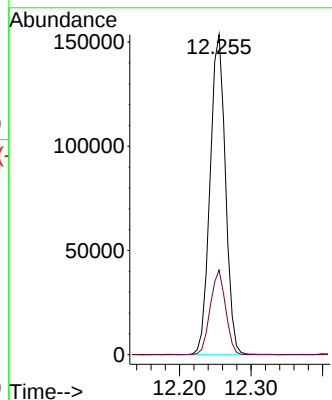
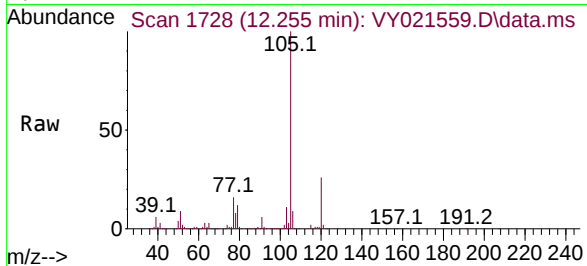




#73
Isopropylbenzene
Concen: 17.894 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

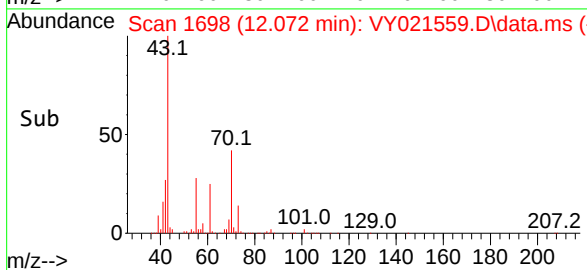
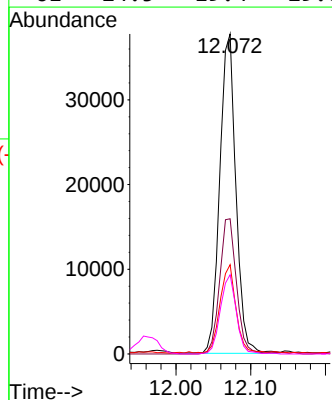
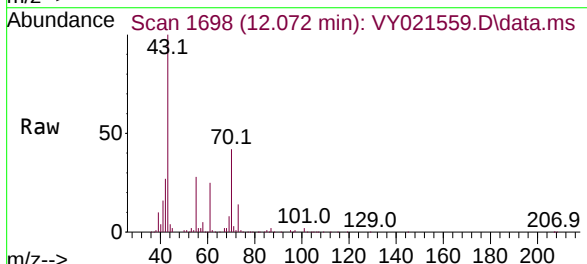
Instrument :
MSVOA_Y
ClientSampleId :

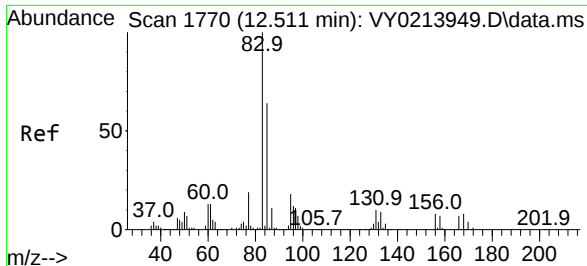
Tgt Ion:105 Resp: 229060
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.3



#74
N-ethyl acetate
Concen: 20.307 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 43 Resp: 56453
Ion Ratio Lower Upper
43 100
70 44.1 34.6 51.8
55 27.6 21.1 31.7
61 24.5 19.4 29.0

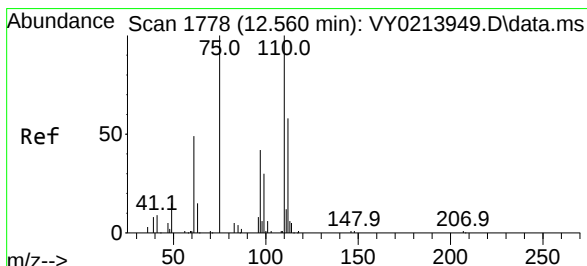
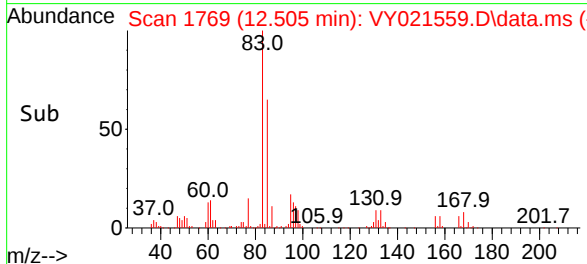
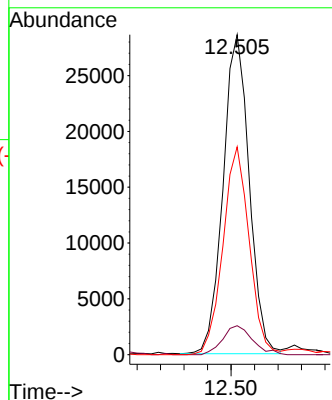
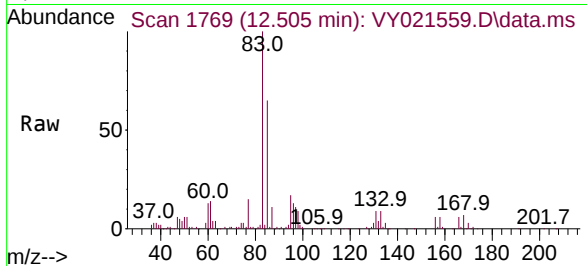




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.539 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

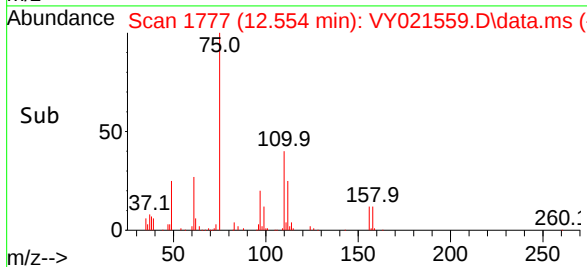
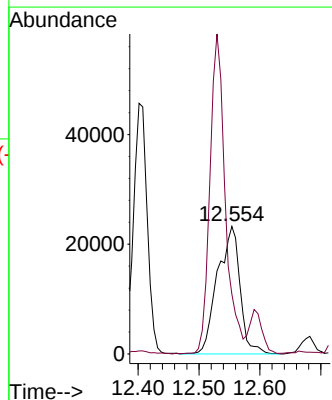
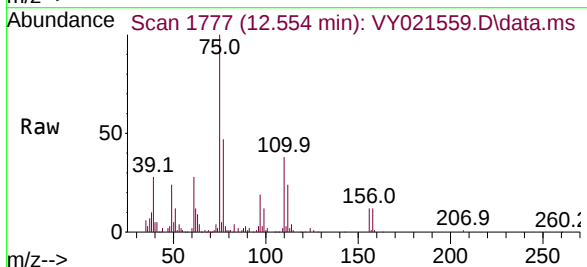
Instrument :
 MSVOA_Y
 ClientSampleId :

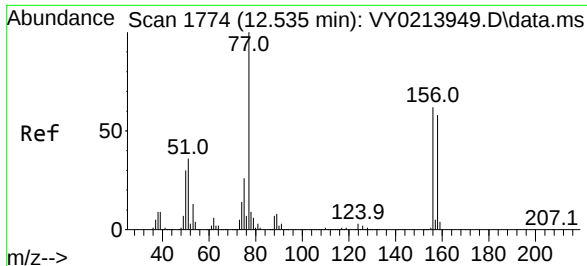
Tgt Ion: 83 Resp: 44138
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.3 16.1
 85 65.4 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 36.554 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

Tgt Ion: 75 Resp: 59858
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

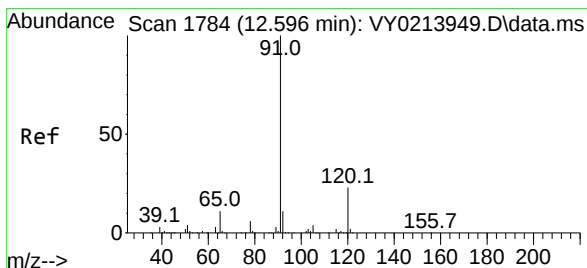
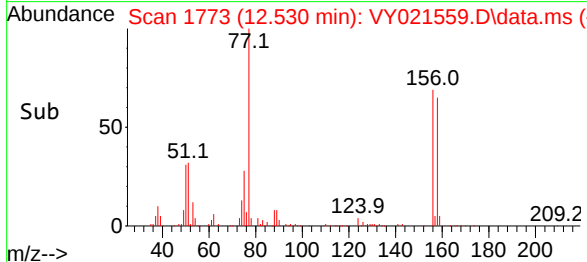
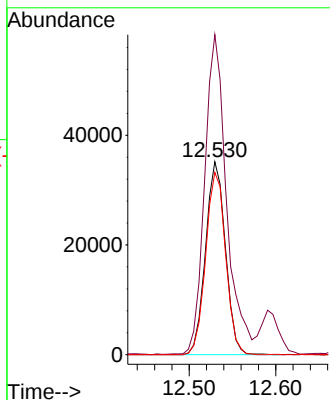
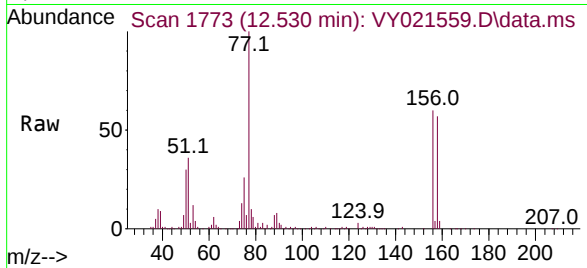




#77
Bromobenzene
Concen: 18.640 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

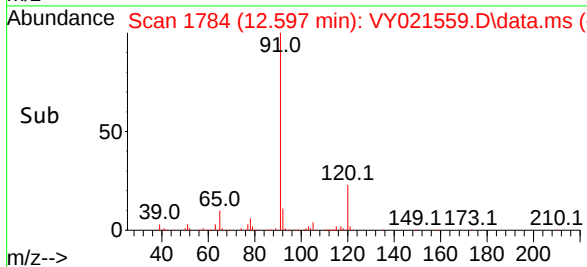
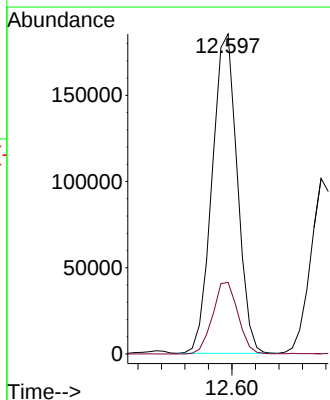
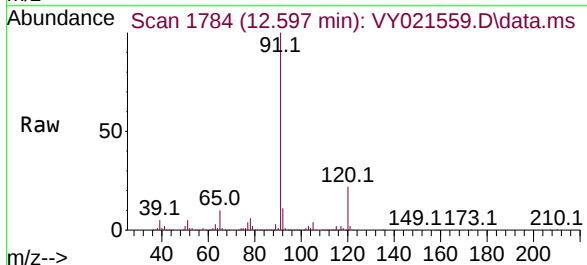
Instrument :
MSVOA_Y
ClientSampleId :

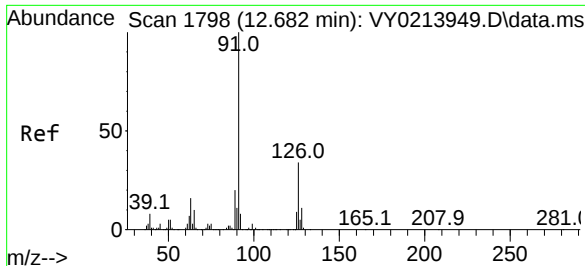
Tgt Ion:156 Resp: 55822
Ion Ratio Lower Upper
156 100
77 184.1 93.6 280.8
158 95.1 48.3 144.8



#78
n-propylbenzene
Concen: 17.759 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 91 Resp: 276086
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 17.739 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

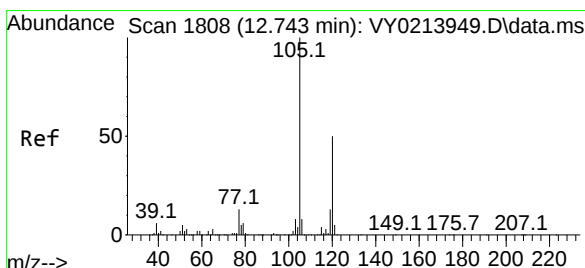
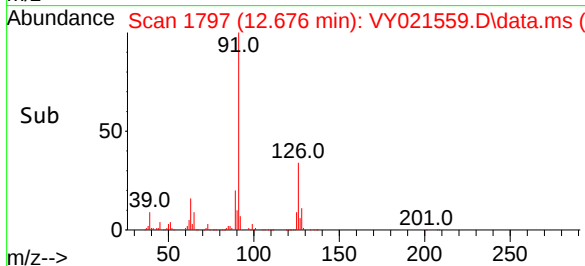
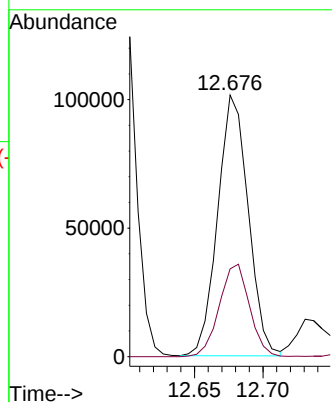
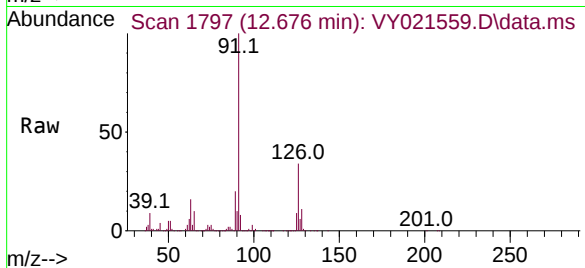
ClientSampleId :

Tgt Ion: 91 Resp: 157690

Ion Ratio Lower Upper

91 100

126 35.0 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 18.398 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021559.D

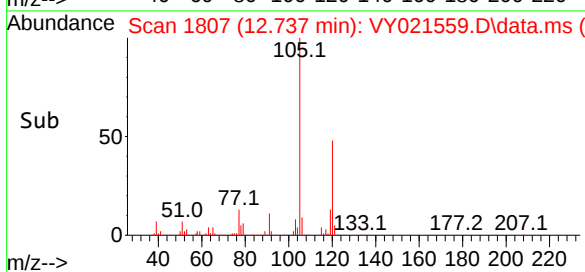
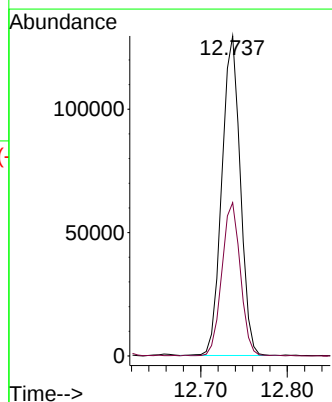
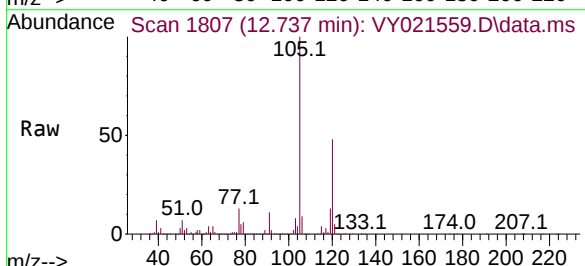
Acq: 18 Mar 2025 12:41

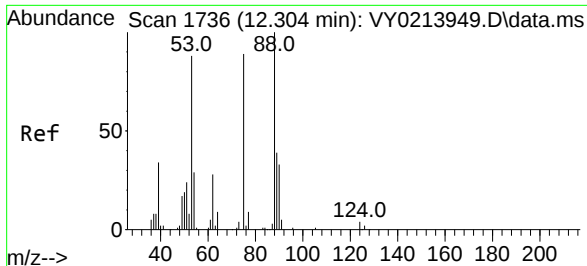
Tgt Ion:105 Resp: 191387

Ion Ratio Lower Upper

105 100

120 48.0 24.6 73.6

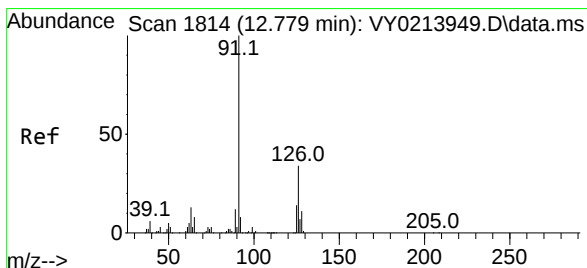
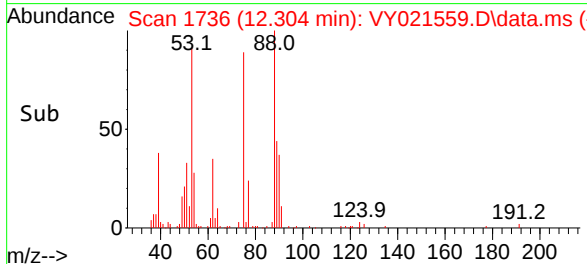
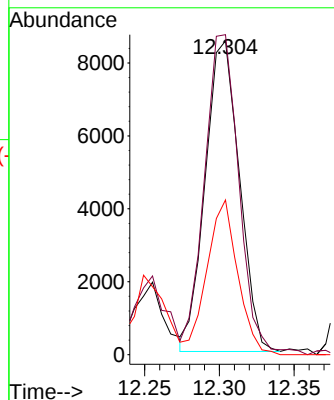
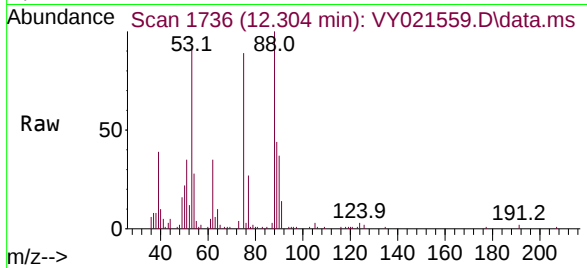




#81
trans-1,4-Dichloro-2-butene
Concen: 18.790 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

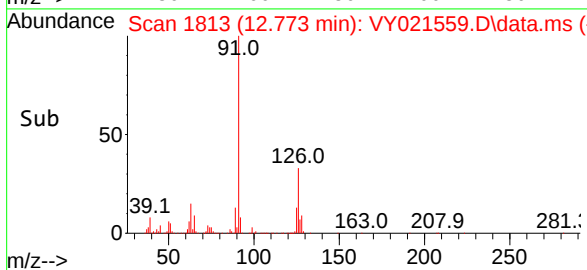
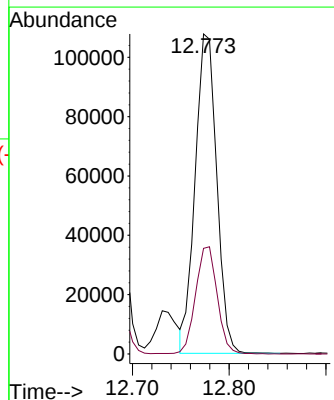
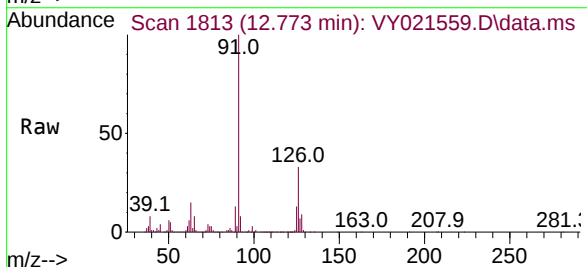
Instrument :
MSVOA_Y
ClientSampleId :

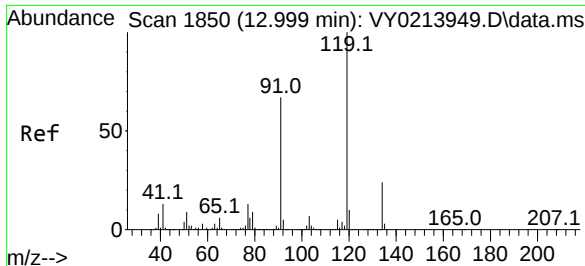
Tgt Ion: 75 Resp: 13535
Ion Ratio Lower Upper
75 100
53 104.2 81.0 121.4
89 45.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.151 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion: 91 Resp: 167077
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0

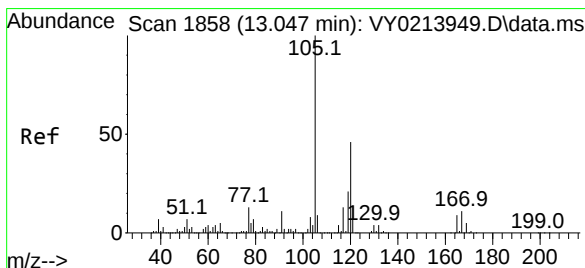
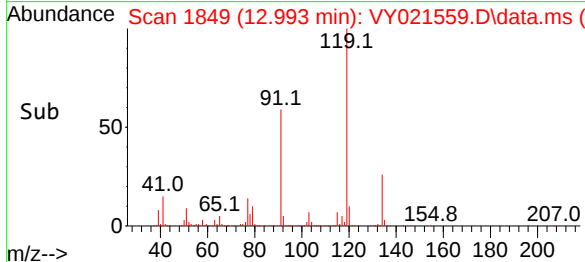
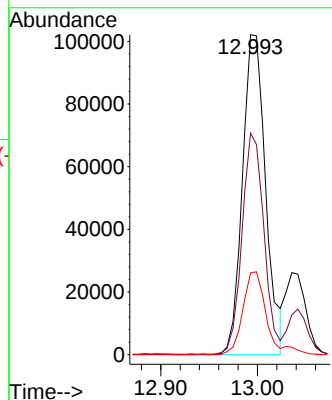
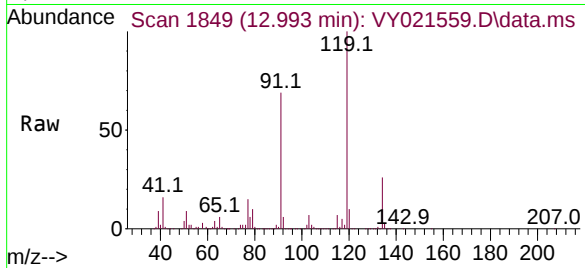




#83
 tert-Butylbenzene
 Concen: 18.363 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

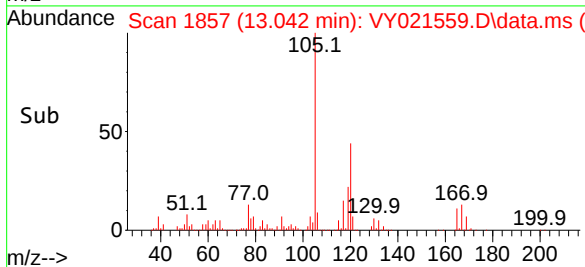
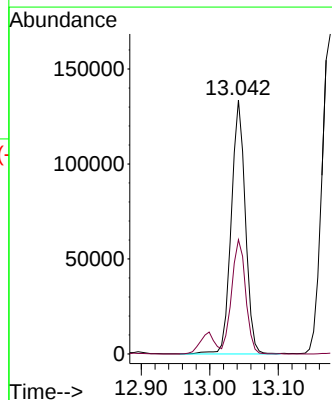
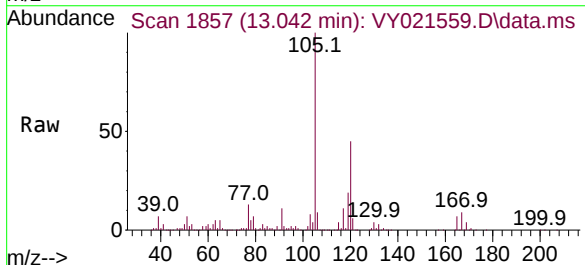
Instrument :
 MSVOA_Y
 ClientSampleId :

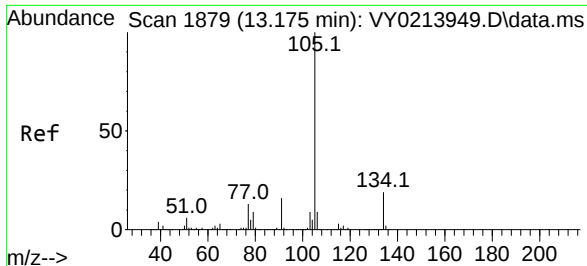
Tgt Ion:119 Resp: 170410
 Ion Ratio Lower Upper
 119 100
 91 65.3 33.2 99.6
 134 26.5 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.470 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

Tgt Ion:105 Resp: 190769
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.1

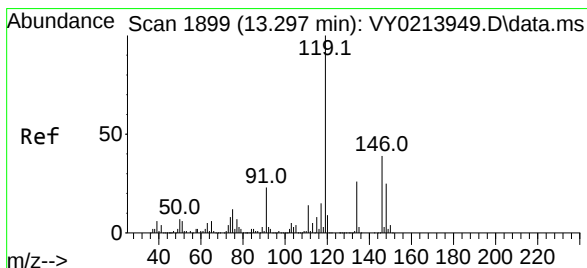
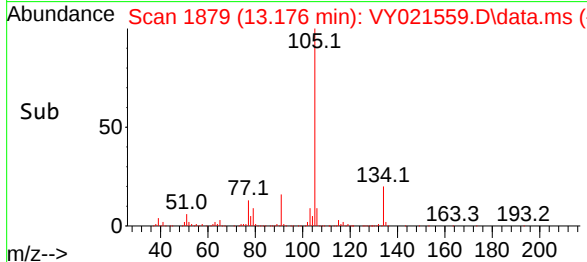
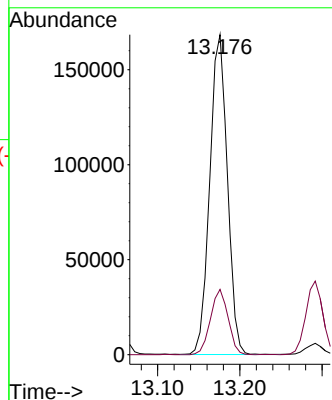
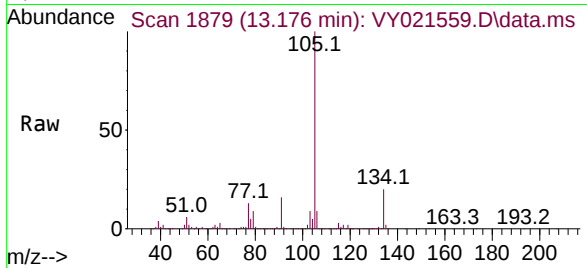




#85
 sec-Butylbenzene
 Concen: 18.123 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

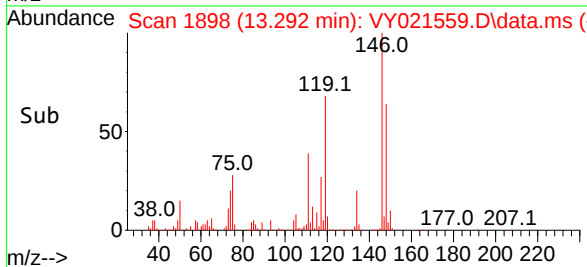
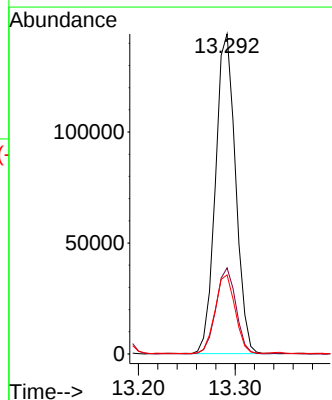
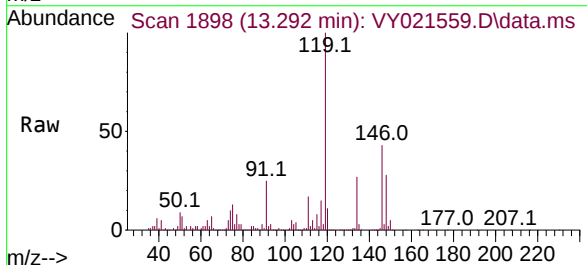
Instrument :
 MSVOA_Y
 ClientSampleId :

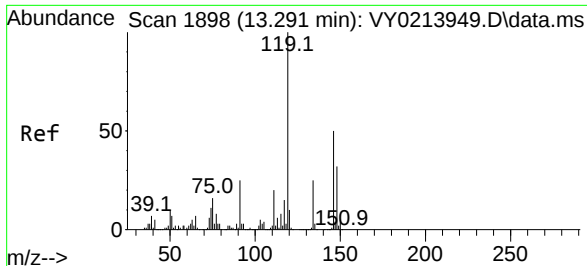
Tgt Ion:105 Resp: 250241
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 18.212 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021559.D
 Acq: 18 Mar 2025 12:41

Tgt Ion:119 Resp: 207164
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.1
 91 24.7 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.442 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

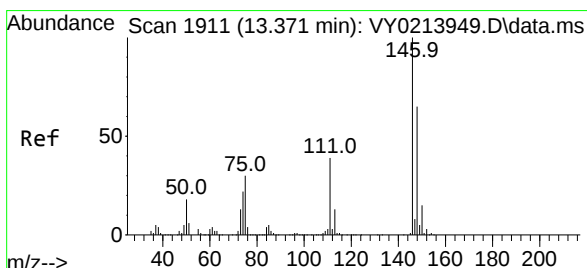
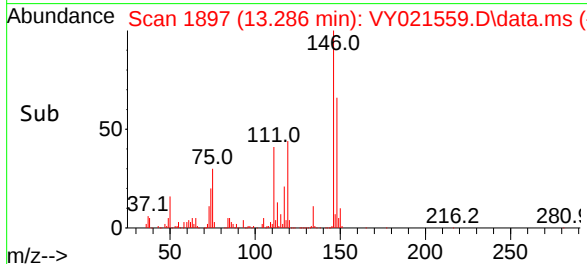
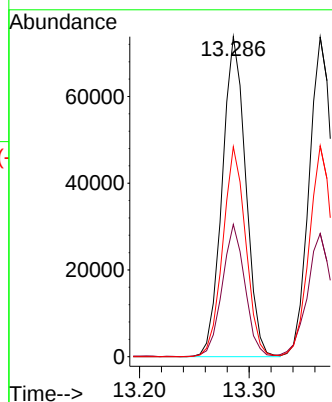
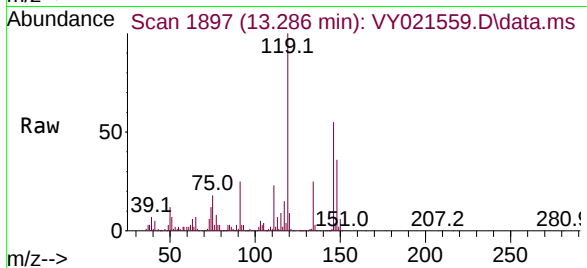
Tgt Ion:146 Resp: 109938

Ion Ratio Lower Upper

146 100

111 39.9 20.0 60.0

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.944 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

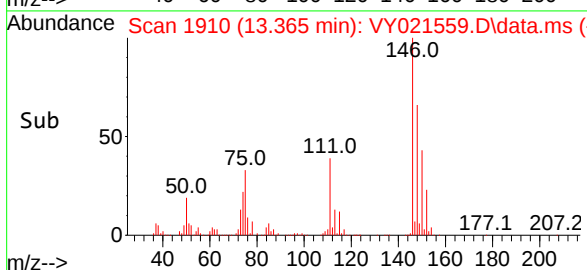
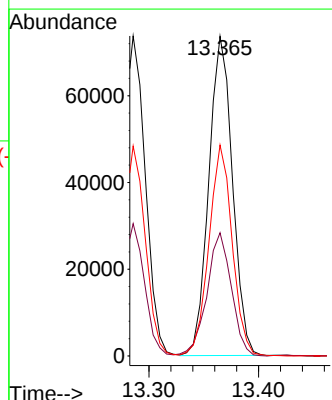
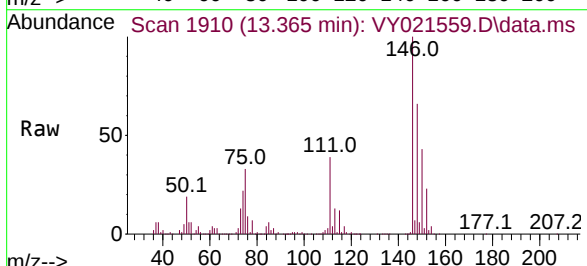
Tgt Ion:146 Resp: 110440

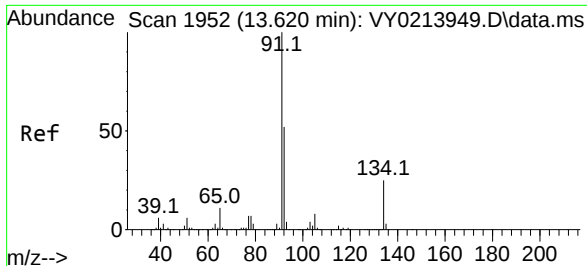
Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.8

148 65.2 32.3 96.8





#89

n-Butylbenzene

Concen: 18.504 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

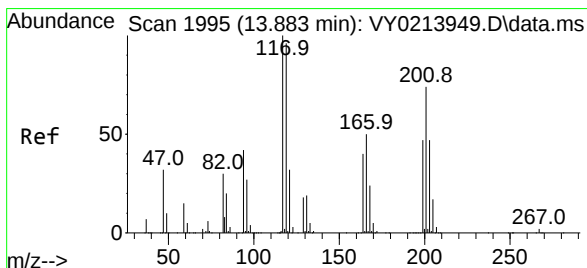
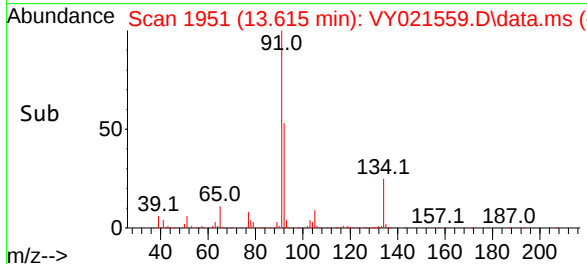
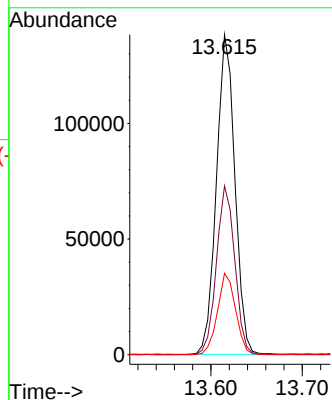
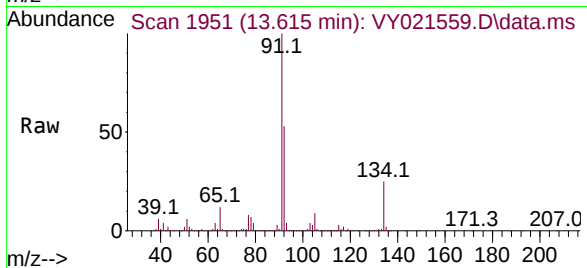
Tgt Ion: 91 Resp: 194363

Ion Ratio Lower Upper

91 100

92 52.5 26.1 78.3

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 18.325 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021559.D

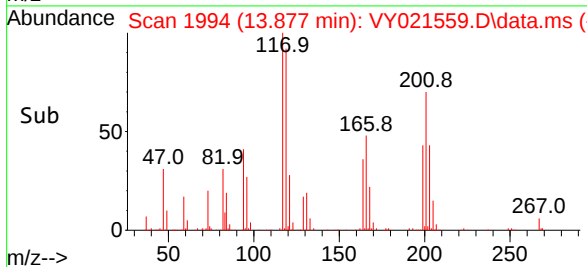
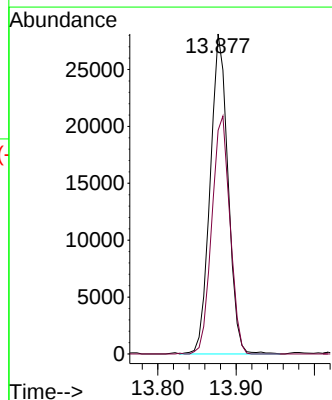
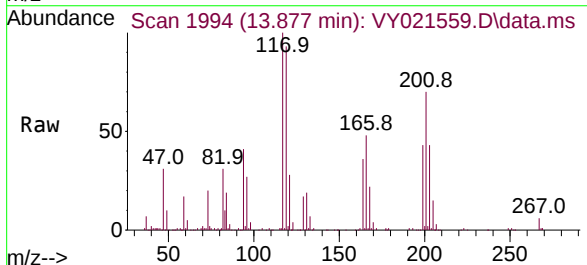
Acq: 18 Mar 2025 12:41

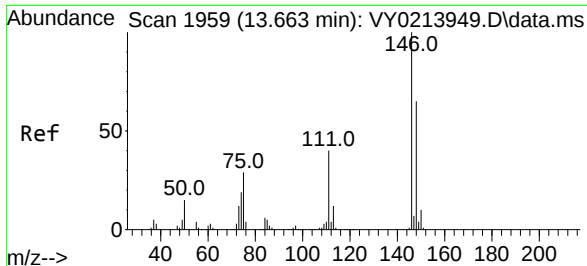
Tgt Ion: 117 Resp: 44470

Ion Ratio Lower Upper

117 100

201 75.7 37.4 112.2

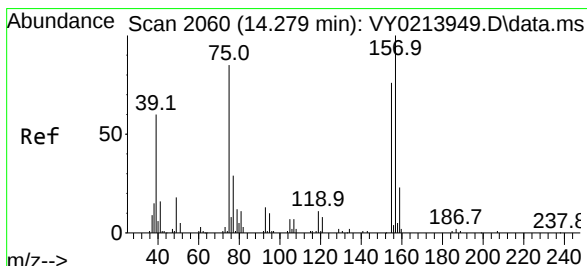
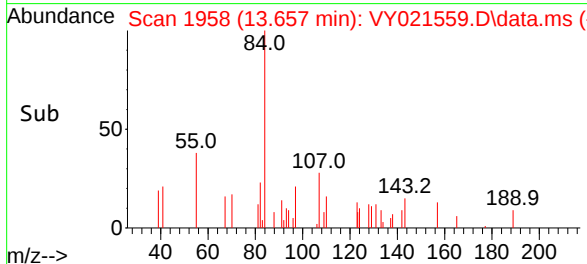
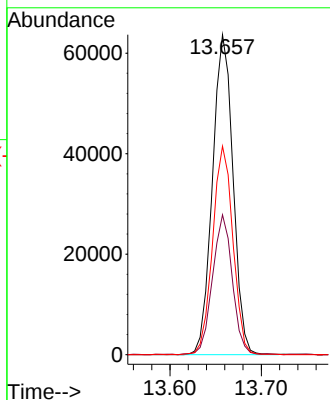
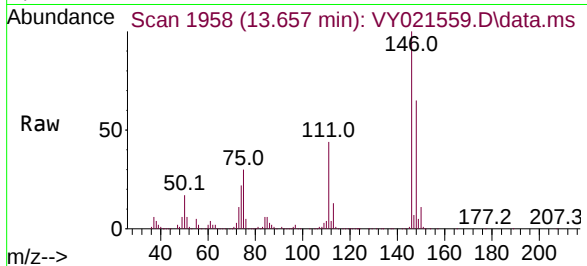




#91
1,2-Dichlorobenzene
Concen: 19.486 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

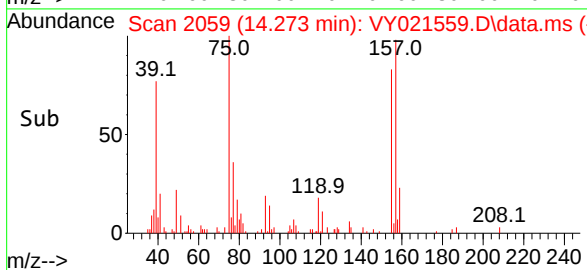
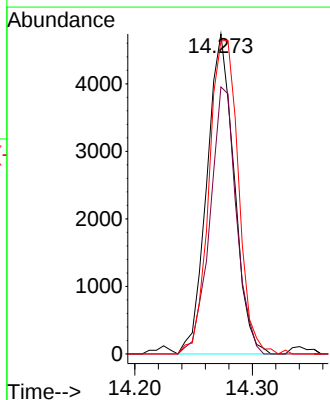
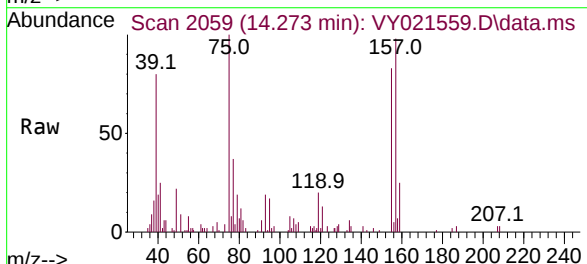
Instrument :
MSVOA_Y
ClientSampleId :

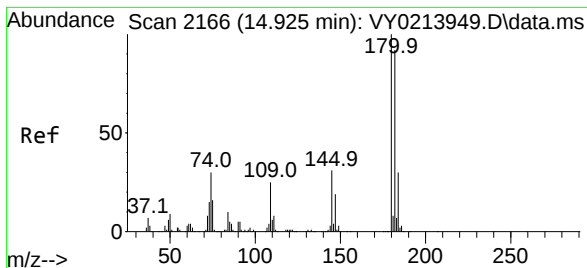
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.7	62.1
148	64.4	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.570 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021559.D
Acq: 18 Mar 2025 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.7	43.5	130.5
157	105.7	54.4	163.2





#93

1,2,4-Trichlorobenzene

Concen: 20.929 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

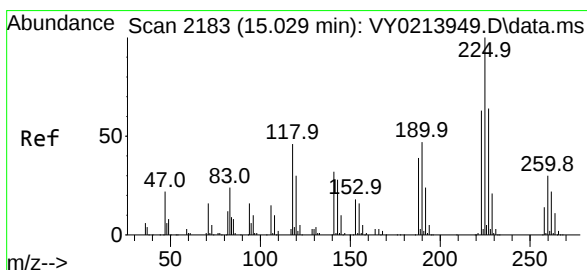
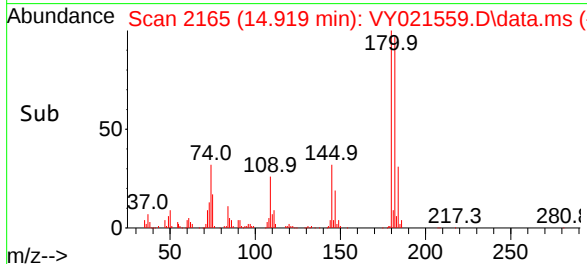
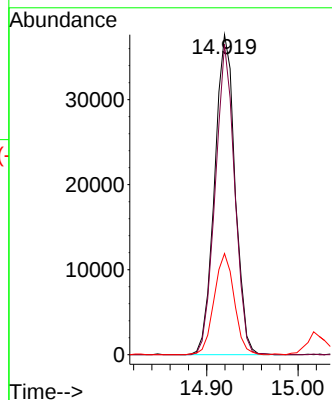
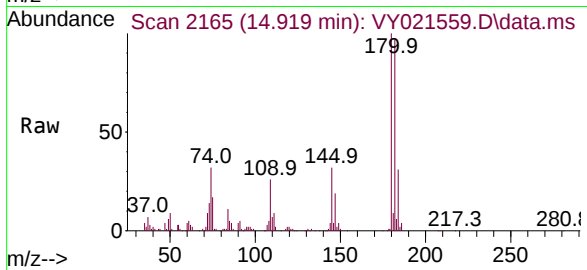
Tgt Ion:180 Resp: 58406

Ion Ratio Lower Upper

180 100

182 92.0 46.7 140.0

145 31.1 15.6 46.8



#94

Hexachlorobutadiene

Concen: 20.591 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

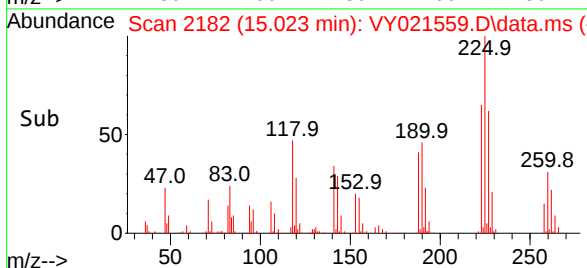
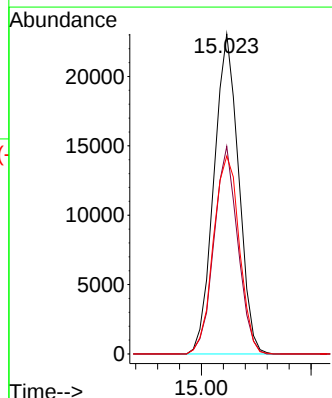
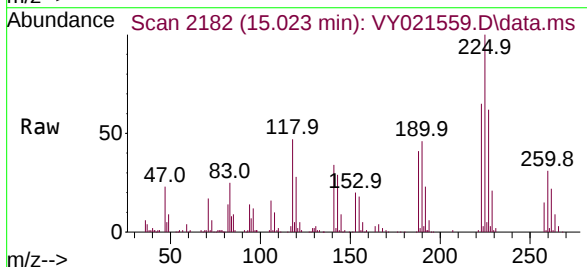
Tgt Ion:225 Resp: 36021

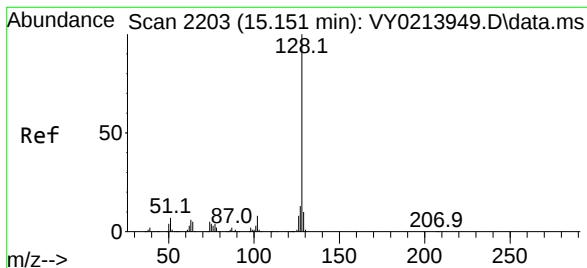
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.2

227 65.2 31.8 95.4





#95

Naphthalene

Concen: 23.913 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Instrument :

MSVOA_Y

ClientSampleId :

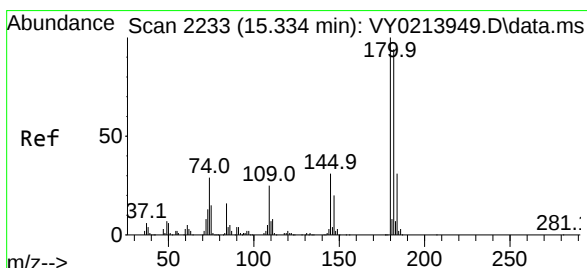
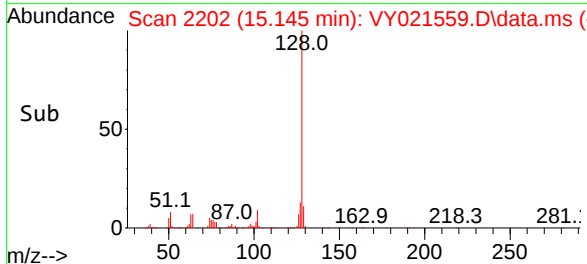
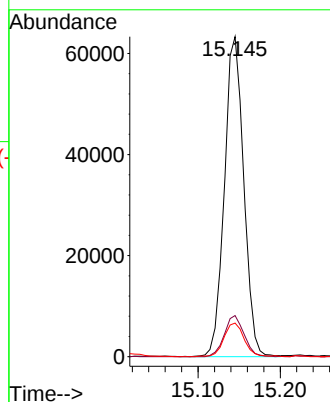
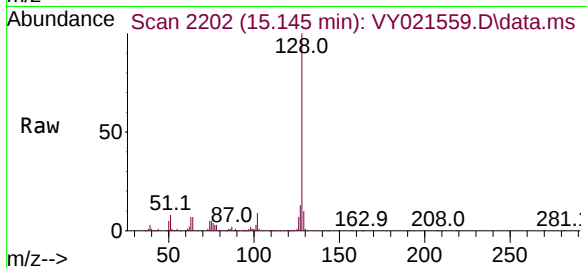
Tgt Ion:128 Resp: 103556

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.019 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021559.D

Acq: 18 Mar 2025 12:41

Tgt Ion:180 Resp: 51680

Ion Ratio Lower Upper

180 100

182 93.6 47.2 141.6

145 31.8 16.4 49.1

