

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021349.D
 Acq On : 27 Feb 2025 11:40
 Operator : SY/MD
 Sample : VY0227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 28 00:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	198659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	310671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101944	45.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.480%
35) Dibromofluoromethane	7.634	113	92849	45.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.180%
50) Toluene-d8	10.103	98	356688	45.313	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.620%
62) 4-Bromofluorobenzene	12.402	95	119898	45.259	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	35262	18.721	ug/l	98
3) Chloromethane	2.068	50	44619	18.343	ug/l	97
4) Vinyl Chloride	2.202	62	44508	18.642	ug/l	99
5) Bromomethane	2.586	94	29567	18.635	ug/l	100
6) Chloroethane	2.733	64	29123	19.670	ug/l	98
7) Trichlorofluoromethane	3.056	101	70391	19.522	ug/l	99
8) Diethyl Ether	3.452	74	21878	20.216	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	42182	20.206	ug/l	98
10) Methyl Iodide	4.001	142	43590	19.847	ug/l	99
11) Tert butyl alcohol	4.848	59	8321	48.003	ug/l #	74
12) 1,1-Dichloroethene	3.787	96	38944	19.483	ug/l	98
13) Acrolein	3.653	56	24700	185.946	ug/l	94
14) Allyl chloride	4.379	41	65599	18.510	ug/l	99
15) Acrylonitrile	5.055	53	47280	98.811	ug/l	99
16) Acetone	3.867	43	44126	102.074	ug/l	98
17) Carbon Disulfide	4.104	76	122176	18.407	ug/l	97
18) Methyl Acetate	4.385	43	20494	19.398	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	105075	19.896	ug/l	97
20) Methylene Chloride	4.616	84	48638	20.806	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	42797	19.449	ug/l	95
22) Diisopropyl ether	6.012	45	143925	19.625	ug/l	99
23) Vinyl Acetate	5.958	43	422766	96.470	ug/l	99
24) 1,1-Dichloroethane	5.915	63	79851	19.319	ug/l	97
25) 2-Butanone	6.890	43	65440	100.301	ug/l	93
26) 2,2-Dichloropropane	6.878	77	72271	19.269	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	49527	19.710	ug/l	98
28) Bromochloromethane	7.244	49	36677	20.054	ug/l	98
29) Tetrahydrofuran	7.256	42	42111	98.745	ug/l	99
30) Chloroform	7.415	83	83409	19.915	ug/l	96
31) Cyclohexane	7.695	56	72200	18.172	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	75049	19.686	ug/l	99
36) 1,1-Dichloropropene	7.835	75	59900	19.578	ug/l	99
37) Ethyl Acetate	6.982	43	29786	19.572	ug/l	98
38) Carbon Tetrachloride	7.817	117	68272	19.849	ug/l	99
39) Methylcyclohexane	9.109	83	74465	19.243	ug/l	96
40) Benzene	8.079	78	179474	19.844	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	15267	17.942	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	52390	20.417	ug/l	99
43) Isopropyl Acetate	8.195	43	58264	19.779	ug/l	99
44) Trichloroethene	8.866	130	45194	19.959	ug/l	100
45) 1,2-Dichloropropane	9.140	63	42605	19.575	ug/l	100
46) Dibromomethane	9.225	93	24136	20.287	ug/l	99
47) Bromodichloromethane	9.420	83	64023	20.183	ug/l	98
48) Methyl methacrylate	9.219	41	27400	19.891	ug/l	99
49) 1,4-Dioxane	9.225	88	5250	396.870	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	149583	99.200	ug/l	100
52) Toluene	10.170	92	111889	19.915	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	57123	19.655	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	66848	19.483	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	31392	20.255	ug/l	98
56) Ethyl methacrylate	10.438	69	42049	19.635	ug/l	99
57) 1,3-Dichloropropane	10.713	76	55897	20.553	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	101862	99.097	ug/l	98
59) 2-Hexanone	10.762	43	98713	99.680	ug/l	99
60) Dibromochloromethane	10.908	129	43397	20.559	ug/l	99
61) 1,2-Dibromoethane	11.012	107	29498	20.104	ug/l	99
64) Tetrachloroethene	10.646	164	40481	19.686	ug/l	97
65) Chlorobenzene	11.438	112	119791	19.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	43652	20.414	ug/l	98
67) Ethyl Benzene	11.518	91	213261	19.715	ug/l	99
68) m/p-Xylenes	11.627	106	160355	39.412	ug/l	98
69) o-Xylene	11.957	106	74908	19.653	ug/l	99
70) Styrene	11.969	104	123889	19.536	ug/l	99
71) Bromoform	12.133	173	24357	19.911	ug/l #	95
73) Isopropylbenzene	12.255	105	202320	19.511	ug/l	99
74) N-amyl acetate	12.066	43	50118	19.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37100	20.272	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	46746	33.858	ug/l #	100
77) Bromobenzene	12.530	156	46970	19.474	ug/l	99
78) n-propylbenzene	12.597	91	244088	19.398	ug/l	100
79) 2-Chlorotoluene	12.682	91	141363	19.575	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	166093	19.529	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12177	19.603	ug/l	99
82) 4-Chlorotoluene	12.780	91	146247	19.536	ug/l	100
83) tert-Butylbenzene	12.999	119	150694	19.615	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	168485	19.919	ug/l	99
85) sec-Butylbenzene	13.176	105	220676	19.665	ug/l	99
86) p-Isopropyltoluene	13.292	119	182981	19.528	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	93913	19.684	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	92534	19.632	ug/l	99
89) n-Butylbenzene	13.615	91	171802	19.483	ug/l	99
90) Hexachloroethane	13.883	117	37407	19.112	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	82600	19.760	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5991	20.694	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	48418	18.978	ug/l	99
94) Hexachlorobutadiene	15.023	225	30957	19.273	ug/l	99
95) Naphthalene	15.145	128	78577	18.594	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	41048	19.042	ug/l	99

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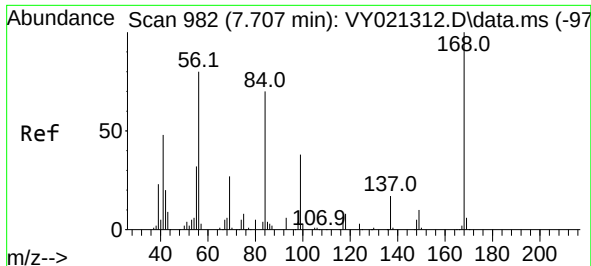
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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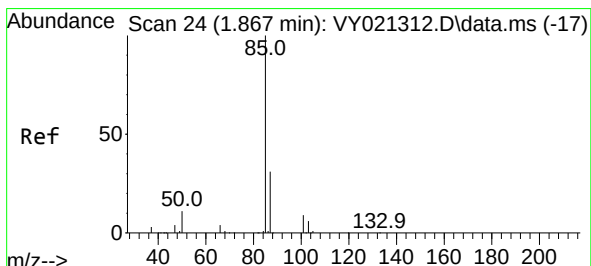
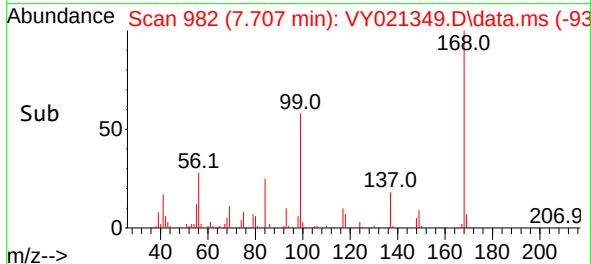
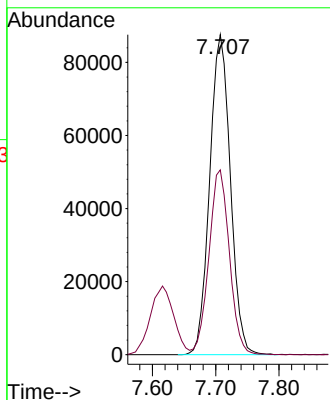
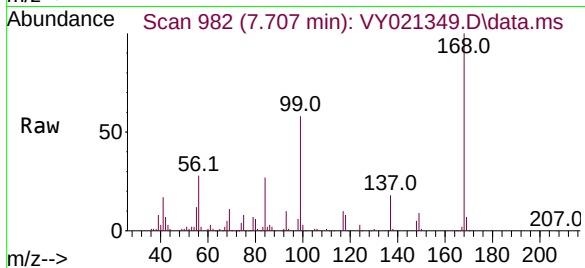




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

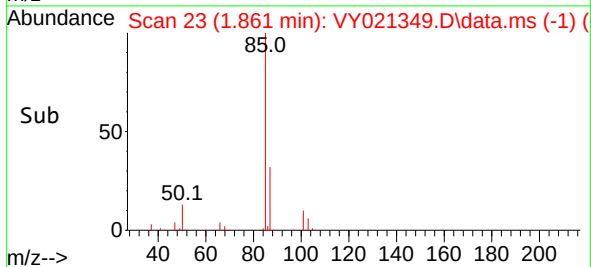
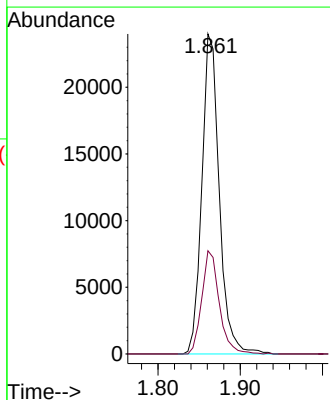
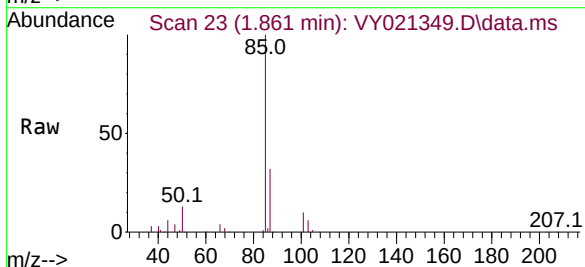
Instrument :
MSVOA_Y
ClientSampleId :

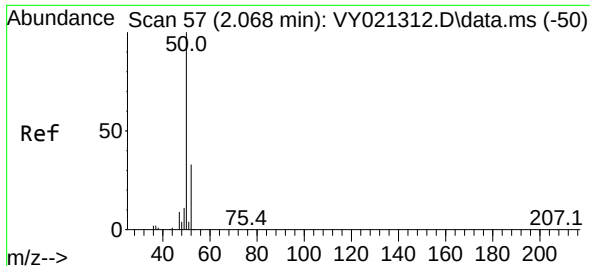
Tgt Ion:168 Resp: 198659
Ion Ratio Lower Upper
168 100
99 57.7 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 18.721 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 85 Resp: 35262
Ion Ratio Lower Upper
85 100
87 32.2 15.4 46.4

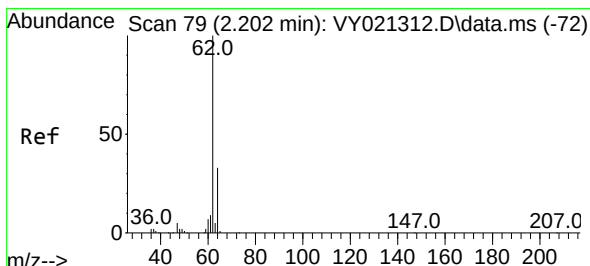
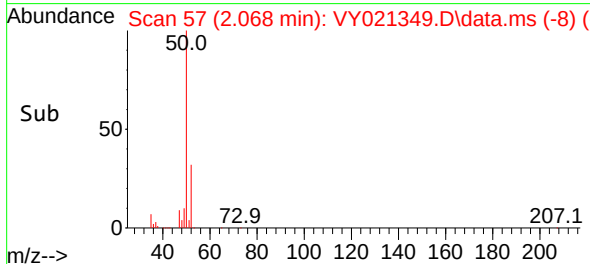
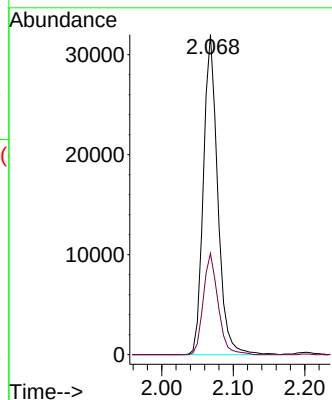
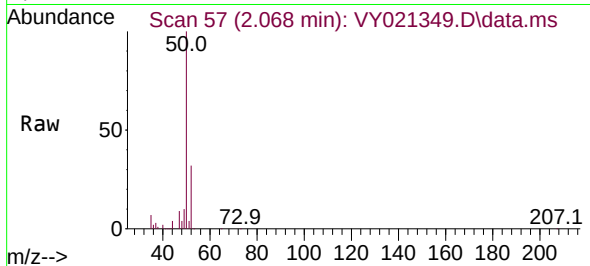




#3
Chloromethane
Concen: 18.343 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

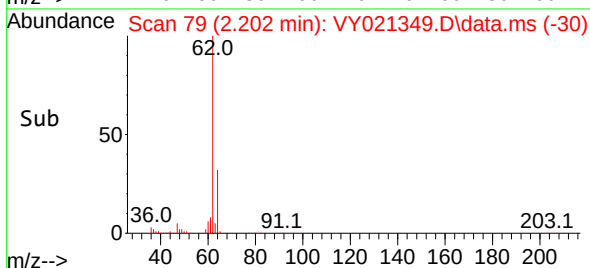
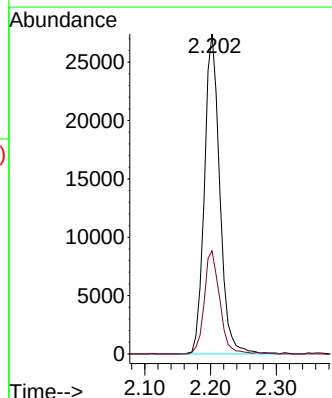
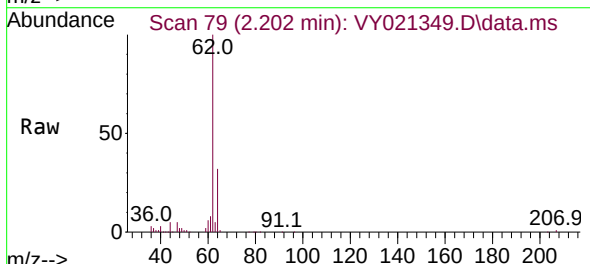
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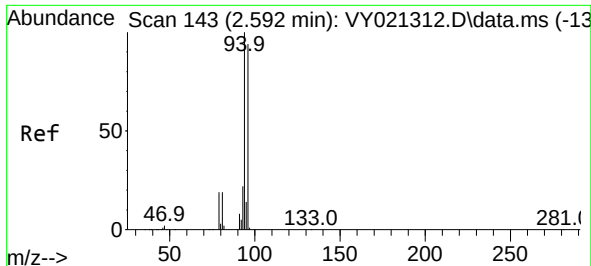
Tgt Ion: 50 Resp: 44619
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 18.642 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 62 Resp: 44508
Ion Ratio Lower Upper
62 100
64 32.2 26.3 39.5

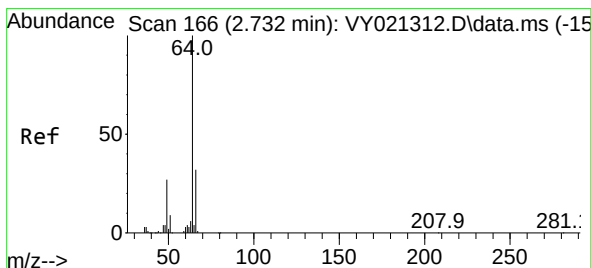
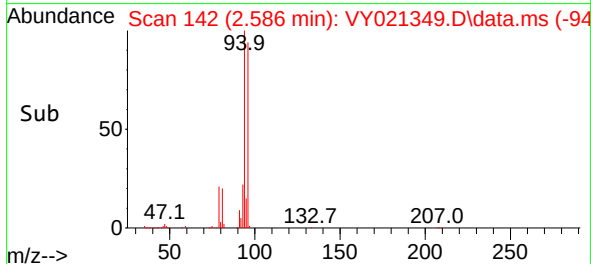
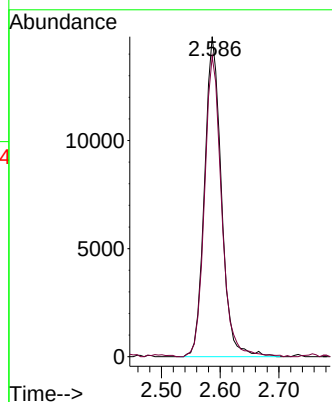
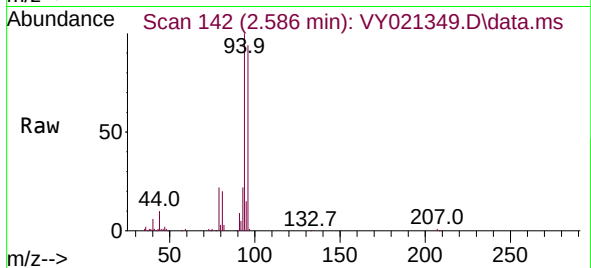




#5
Bromomethane
Concen: 18.635 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

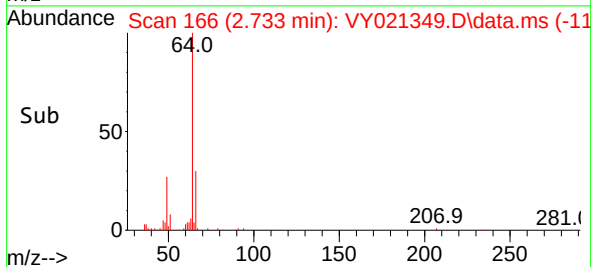
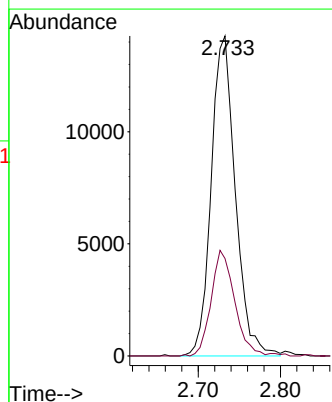
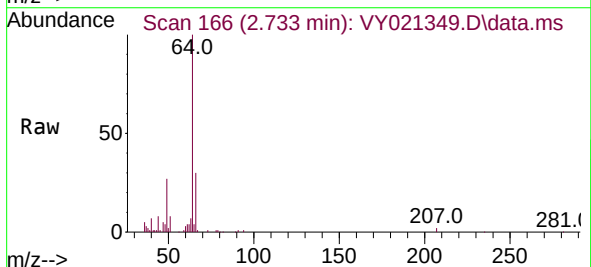
Instrument :
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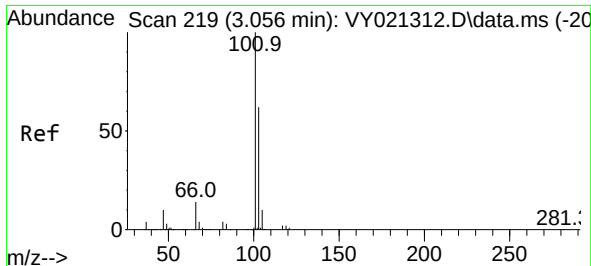
Tgt Ion: 94 Resp: 29567
Ion Ratio Lower Upper
94 100
96 93.8 75.2 112.8



#6
Chloroethane
Concen: 19.670 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 64 Resp: 29123
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.0

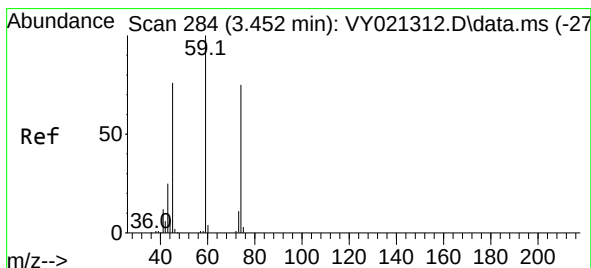
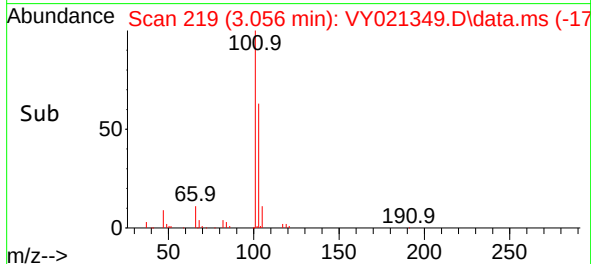
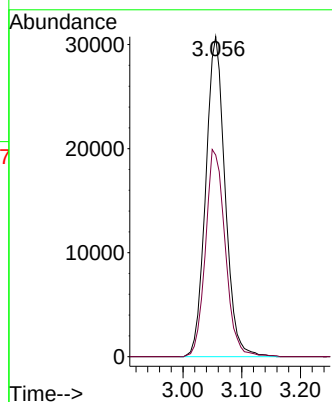
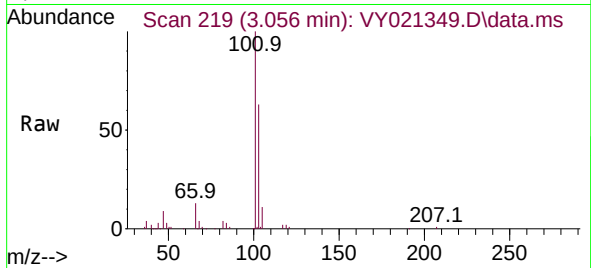




#7
 Trichlorofluoromethane
 Concen: 19.522 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

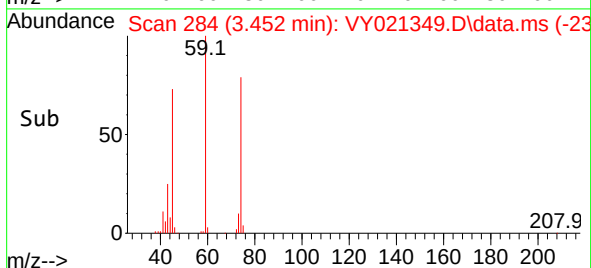
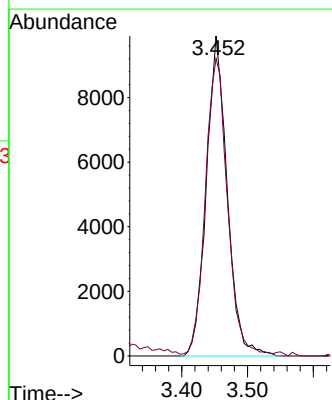
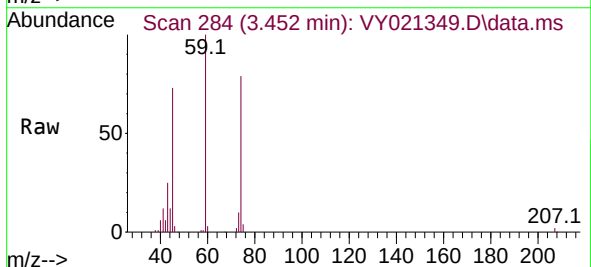
Instrument :
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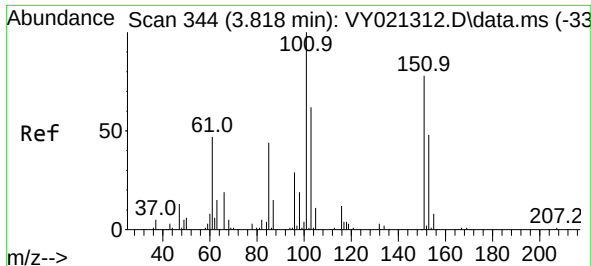
Tgt Ion:101 Resp: 70391
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.7 74.5



#8
 Diethyl Ether
 Concen: 20.216 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

Tgt Ion: 74 Resp: 21878
 Ion Ratio Lower Upper
 74 100
 45 96.6 50.3 150.9

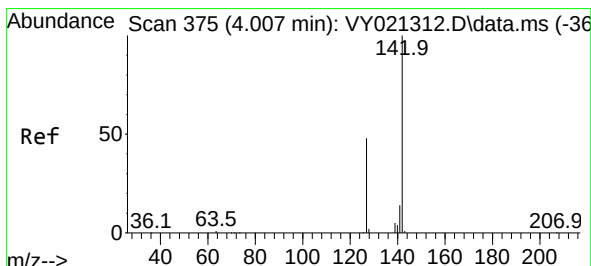
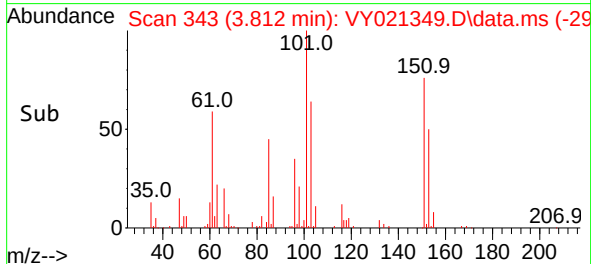
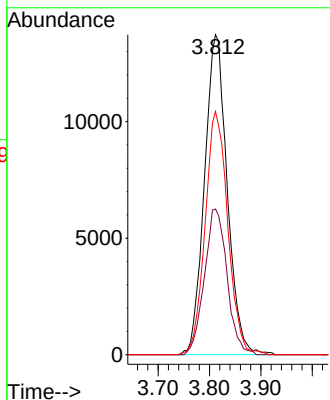
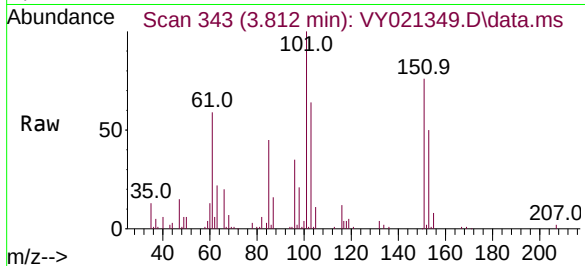




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.206 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021349.D
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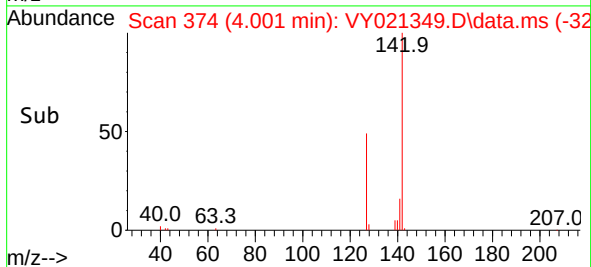
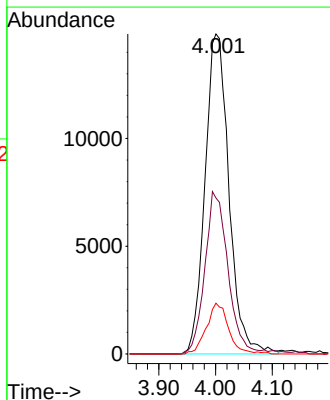
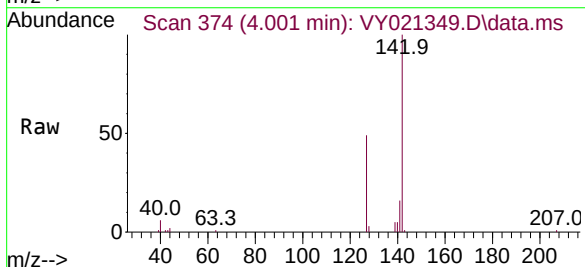
Instrument :
MSVOA_Y
ClientSampleId :

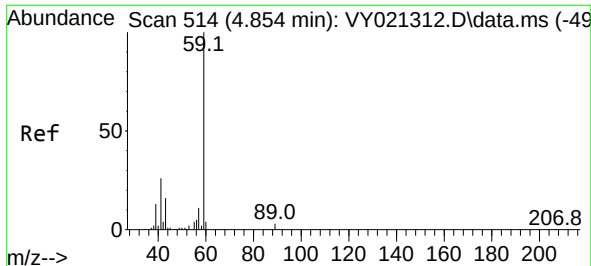
Tgt Ion:101 Resp: 42182
Ion Ratio Lower Upper
101 100
85 45.3 36.7 55.1
151 75.9 62.6 94.0



#10
Methyl Iodide
Concen: 19.847 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion:142 Resp: 43590
Ion Ratio Lower Upper
142 100
127 49.6 39.2 58.8
141 14.8 11.4 17.2

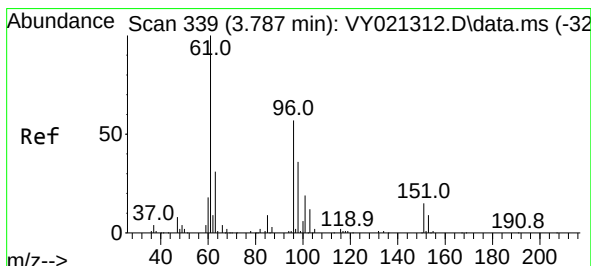
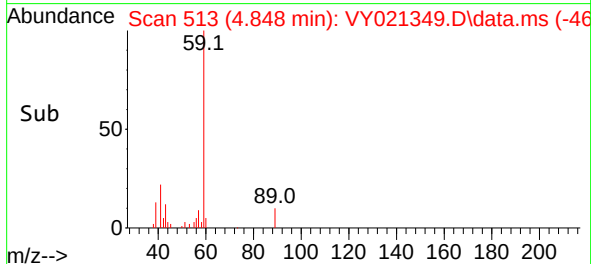
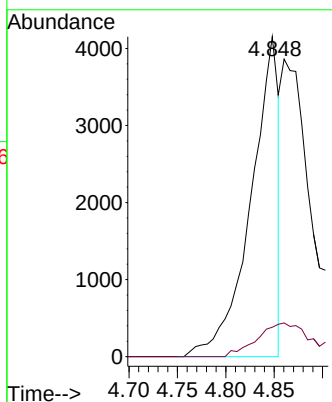
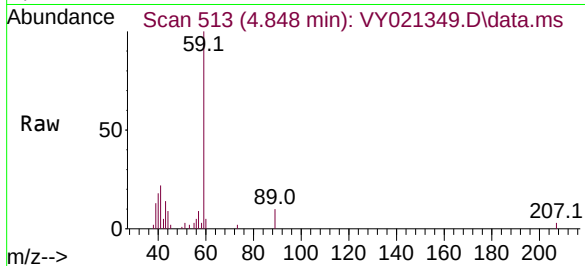




#11
Tert butyl alcohol
Concen: 48.003 ug/l
RT: 4.848 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

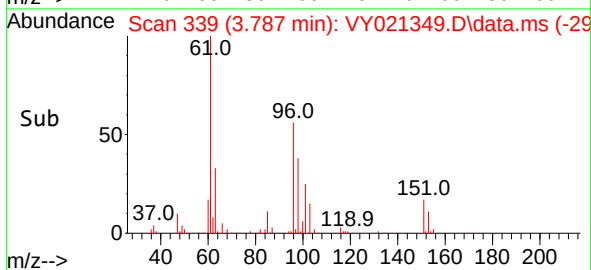
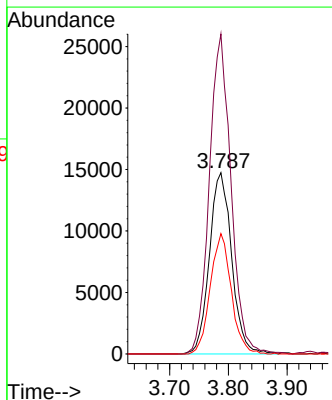
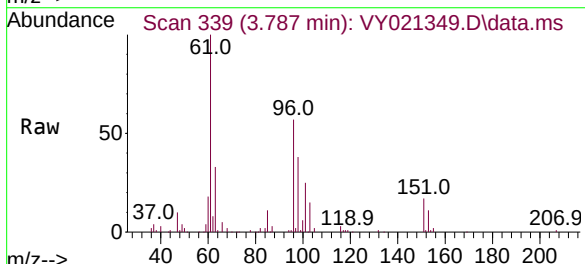
Instrument :
MSVOA_Y
ClientSampleId :

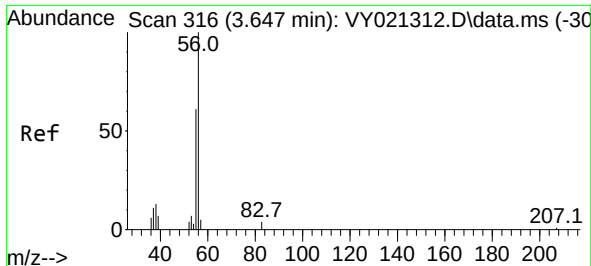
Tgt Ion: 59 Resp: 8321
Ion Ratio Lower Upper
59 100
57 20.2 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 19.483 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 96 Resp: 38944
Ion Ratio Lower Upper
96 100
61 176.5 139.7 209.5
98 66.3 49.7 74.5

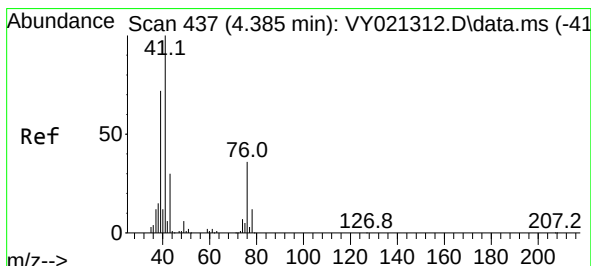
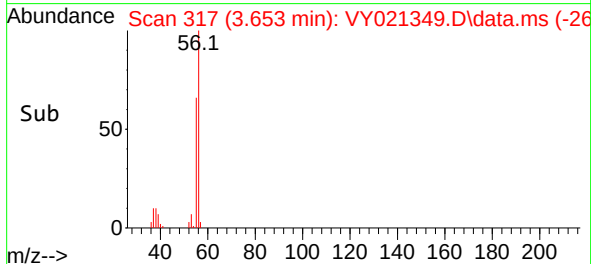
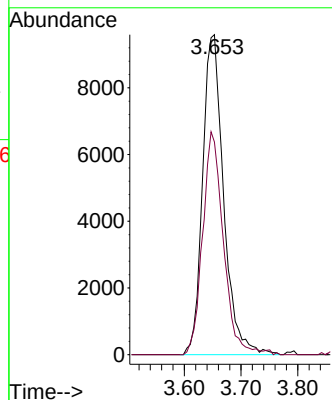
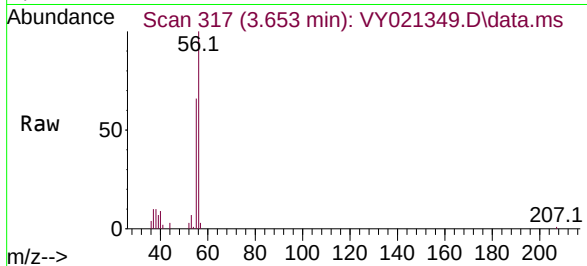




#13
Acrolein
Concen: 185.946 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

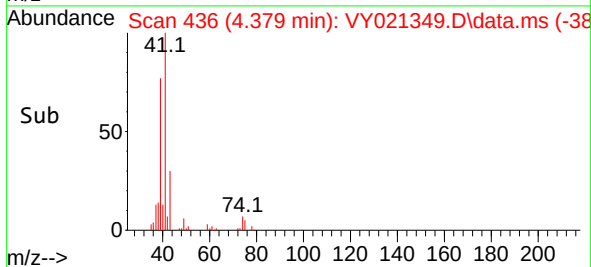
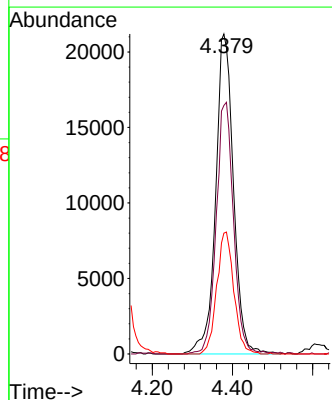
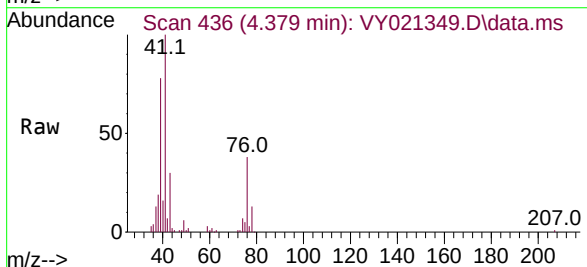
Instrument :
MSVOA_Y
ClientSampleId :

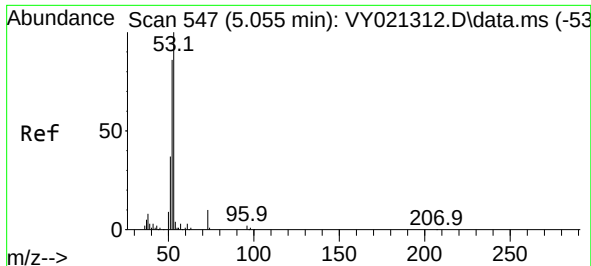
Tgt Ion: 56 Resp: 24700
Ion Ratio Lower Upper
56 100
55 69.0 59.0 88.6



#14
Allyl chloride
Concen: 18.510 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

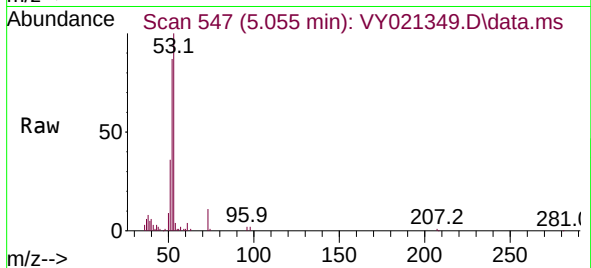
Tgt Ion: 41 Resp: 65599
Ion Ratio Lower Upper
41 100
39 76.3 60.0 90.0
76 36.3 29.0 43.6



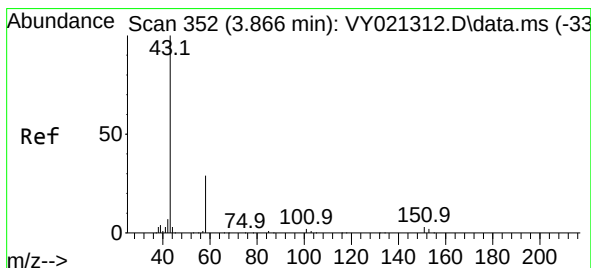
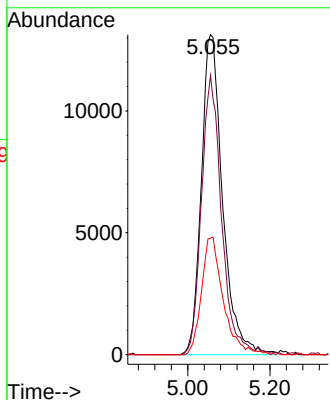
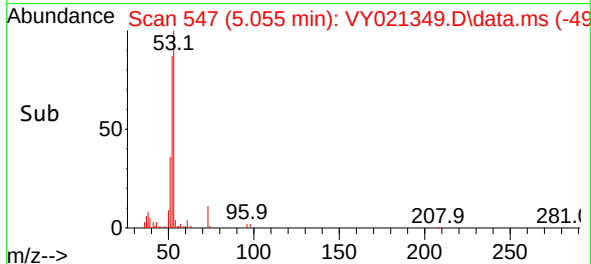


#15
Acrylonitrile
Concen: 98.811 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

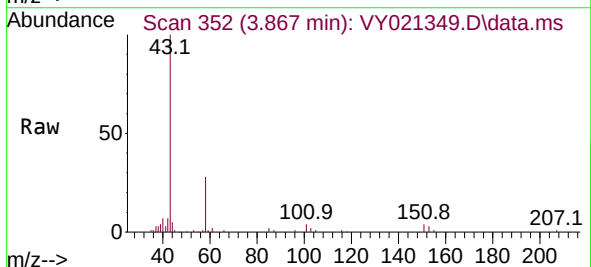
Instrument :
MSVOA_Y
ClientSampleId :



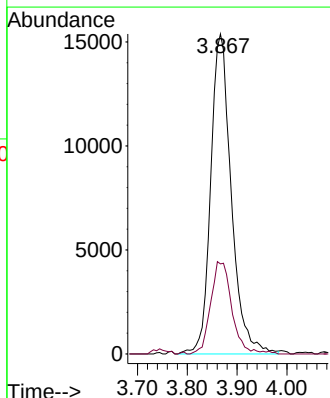
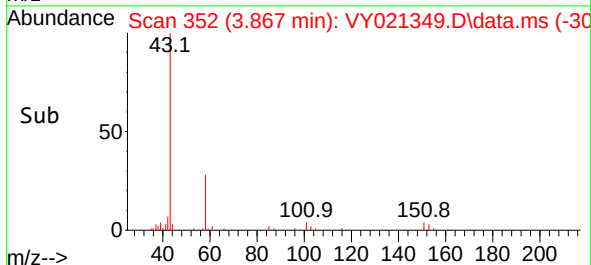
Tgt Ion: 53 Resp: 47280
Ion Ratio Lower Upper
53 100
52 81.7 65.5 98.3
51 37.4 30.6 46.0

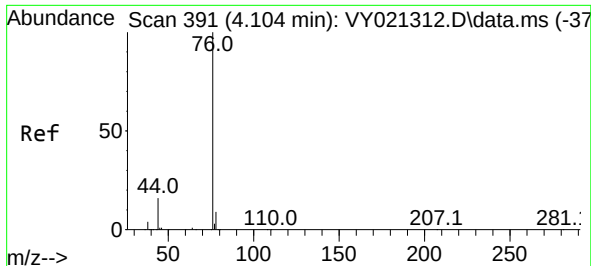


#16
Acetone
Concen: 102.074 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



Tgt Ion: 43 Resp: 44126
Ion Ratio Lower Upper
43 100
58 28.1 23.5 35.3

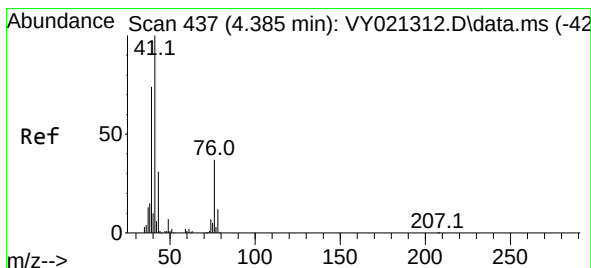
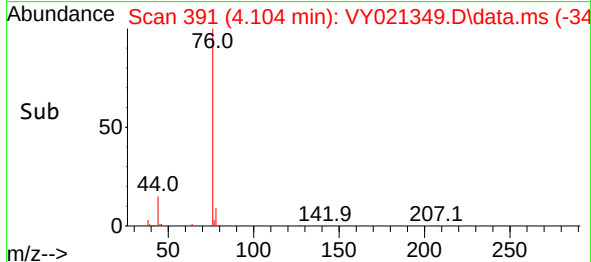
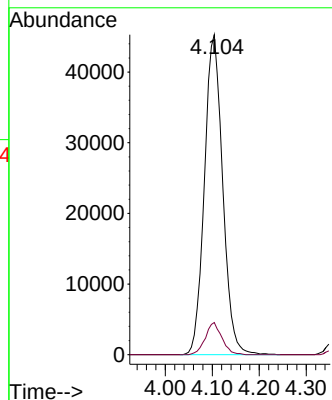
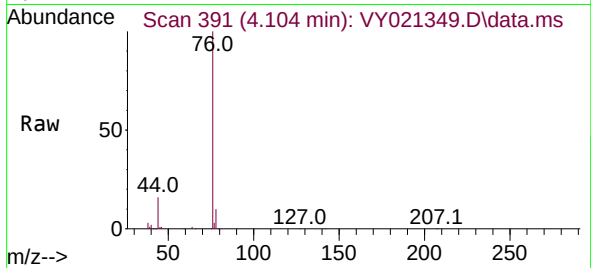




#17
Carbon Disulfide
Concen: 18.407 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

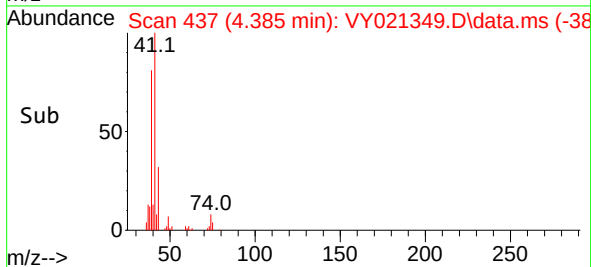
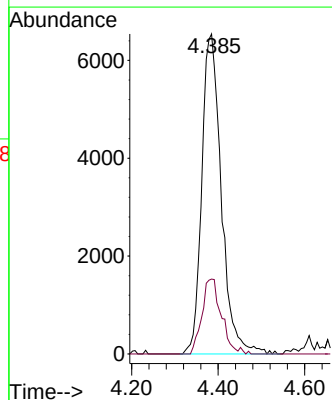
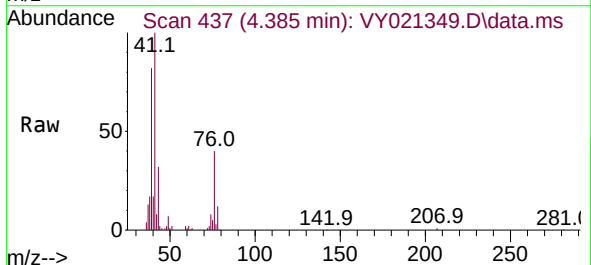
Instrument :
MSVOA_Y
ClientSampleId :

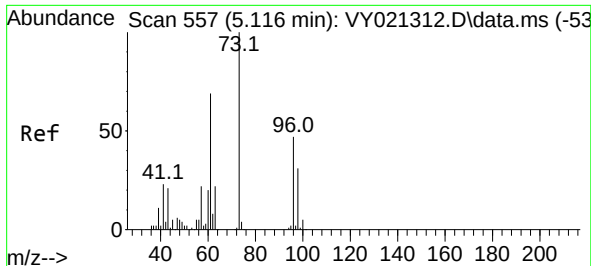
Tgt Ion: 76 Resp: 122176
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7



#18
Methyl Acetate
Concen: 19.398 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 43 Resp: 20494
Ion Ratio Lower Upper
43 100
74 23.3 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 19.896 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

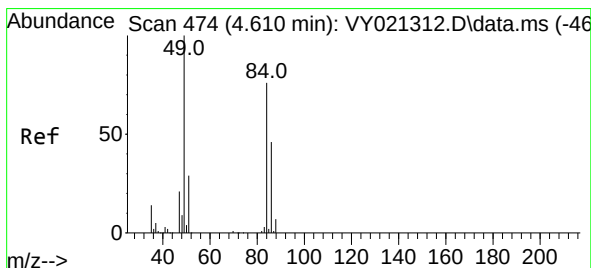
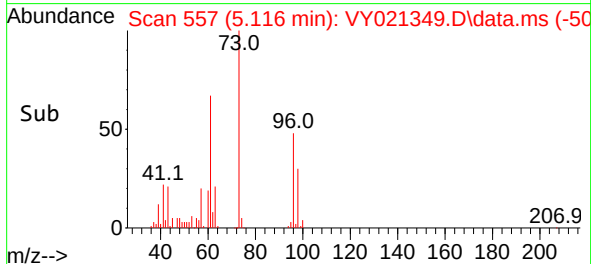
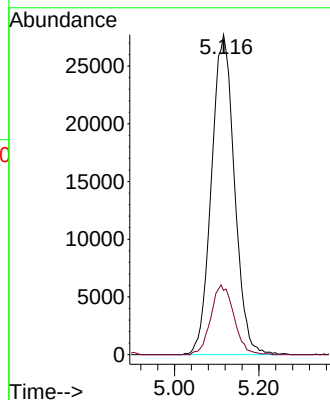
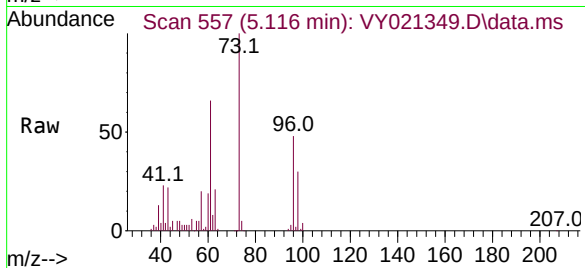
ClientSampleId :

Tgt Ion: 73 Resp: 105075

Ion Ratio Lower Upper

73 100

57 20.1 17.4 26.0



#20

Methylene Chloride

Concen: 20.806 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Tgt Ion: 84 Resp: 48638

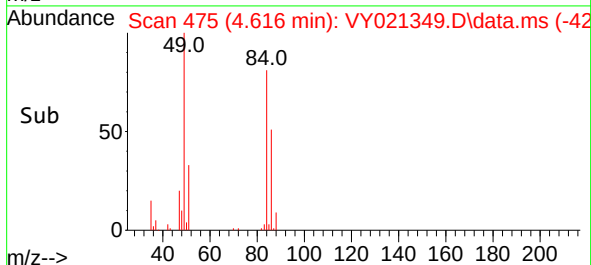
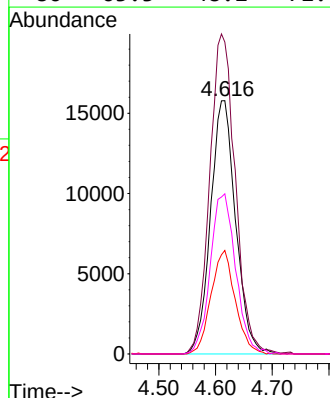
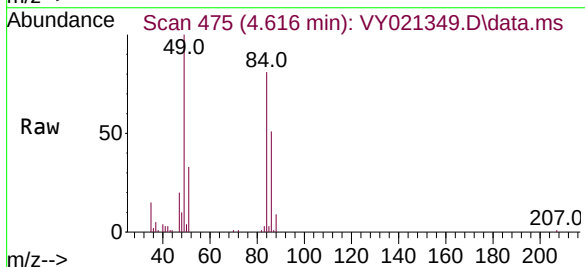
Ion Ratio Lower Upper

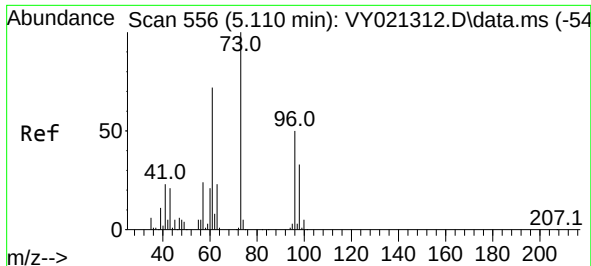
84 100

49 123.2 105.1 157.7

51 40.9 31.0 46.4

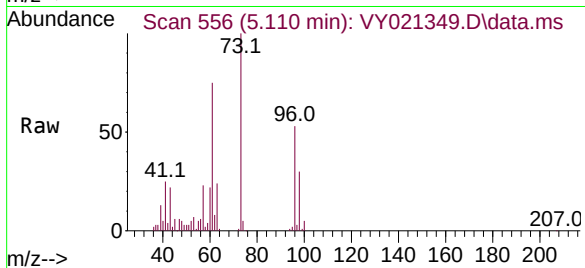
86 63.3 48.2 72.4



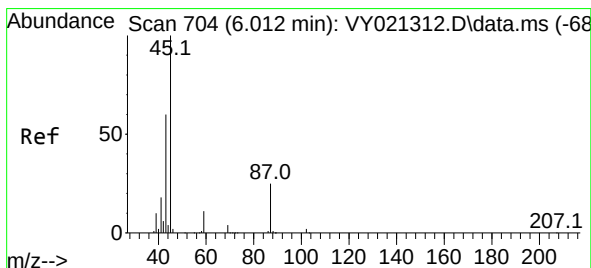
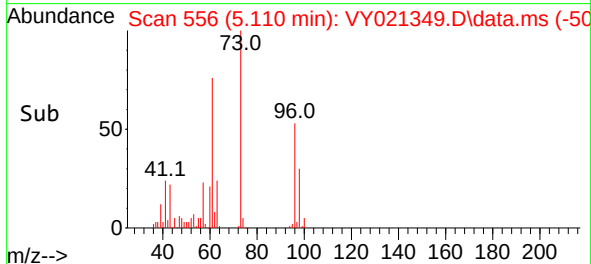
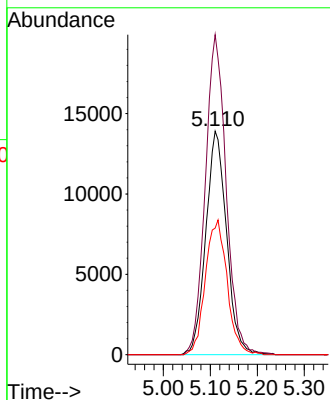


#21
trans-1,2-Dichloroethene
Concen: 19.449 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :

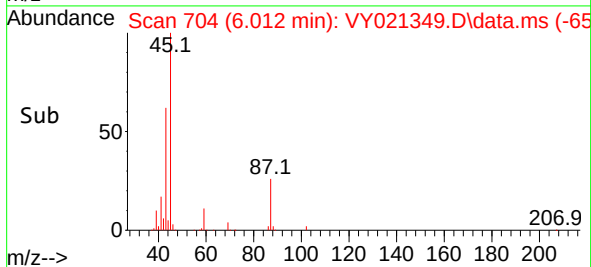
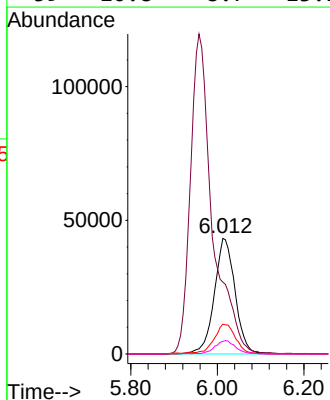
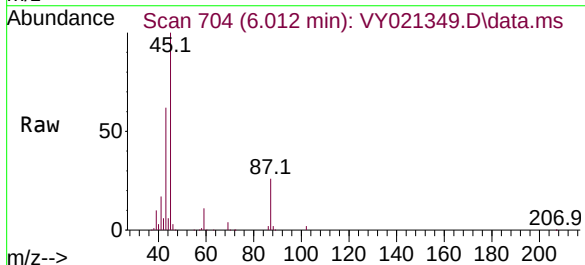


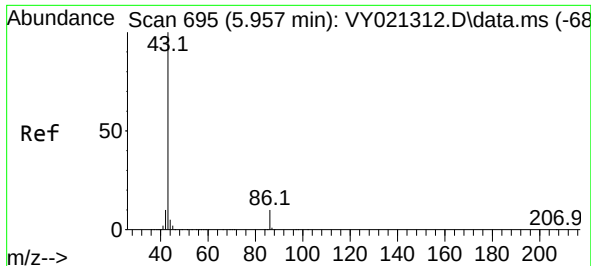
Tgt Ion: 96 Resp: 42797
Ion Ratio Lower Upper
96 100
61 143.1 116.3 174.5
98 56.6 52.6 78.8



#22
Diisopropyl ether
Concen: 19.625 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 45 Resp: 143925
Ion Ratio Lower Upper
45 100
43 61.7 48.2 72.4
87 25.8 20.3 30.5
59 10.8 8.7 13.1

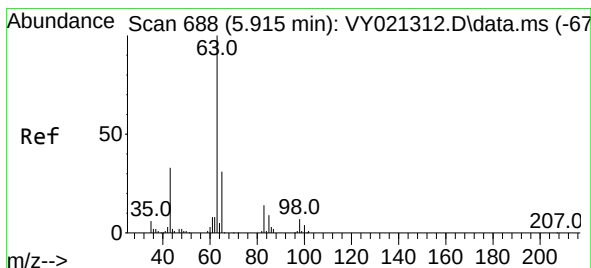
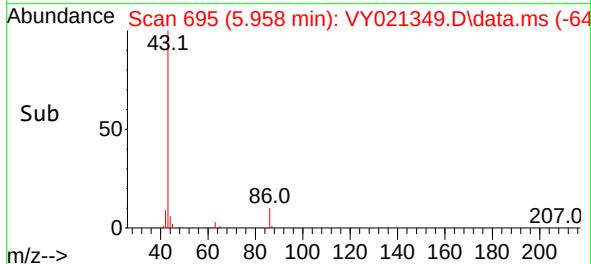
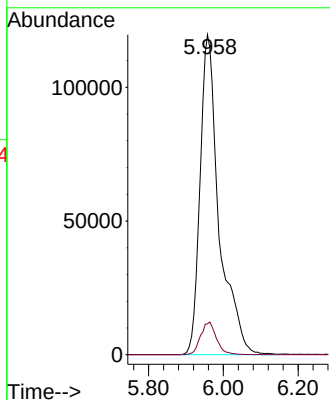
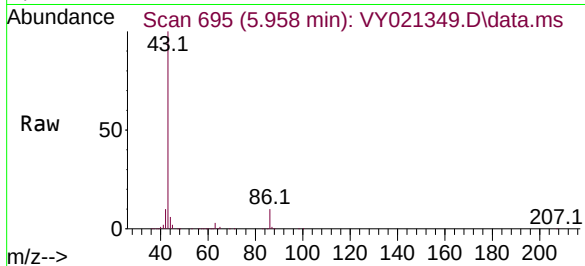




#23
 Vinyl Acetate
 Concen: 96.470 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

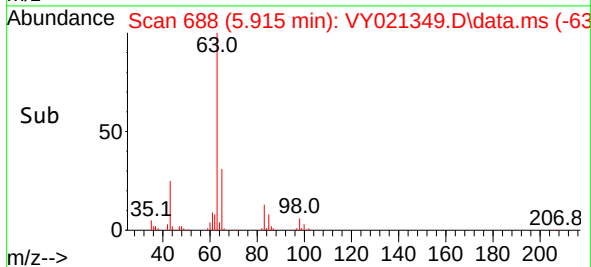
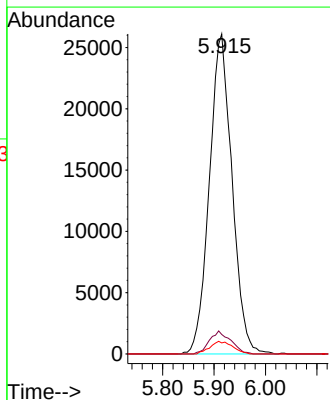
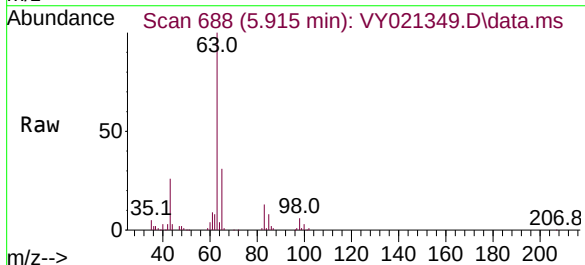
Instrument :
 MSVOA_Y
 ClientSampleId :

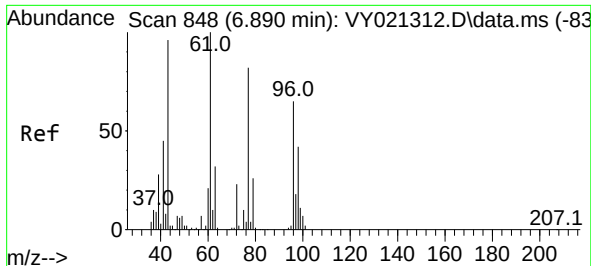
Tgt Ion: 43 Resp: 422766
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.319 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

Tgt Ion: 63 Resp: 79851
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.7 11.1
 100 3.4 2.1 6.5

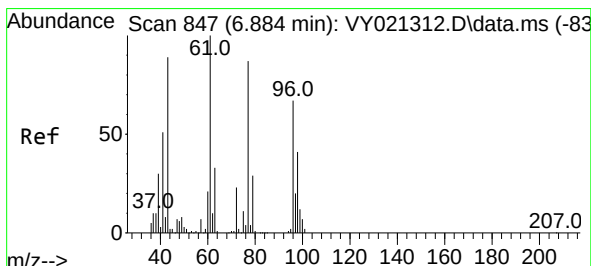
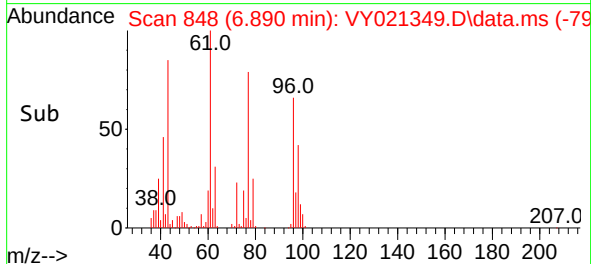
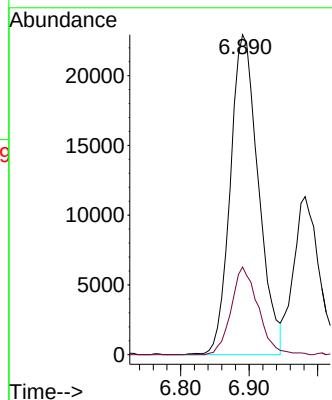
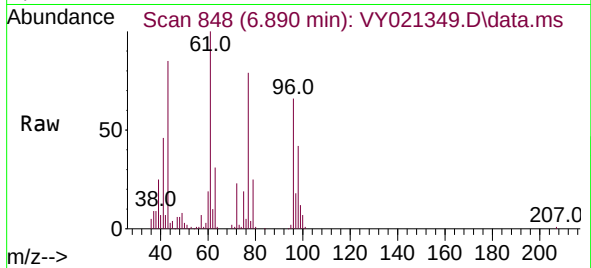




#25
2-Butanone
Concen: 100.301 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

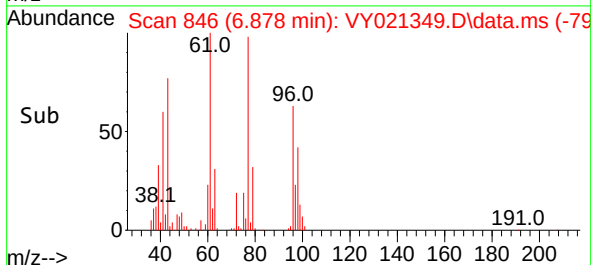
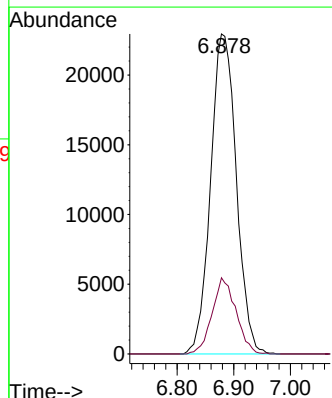
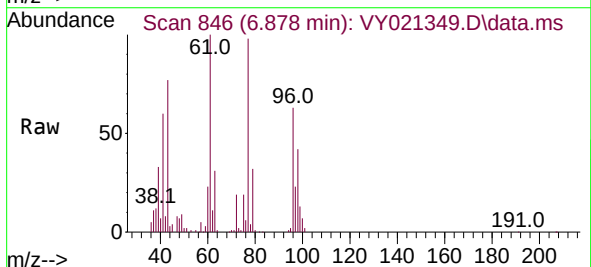
Instrument :
MSVOA_Y
ClientSampleId :

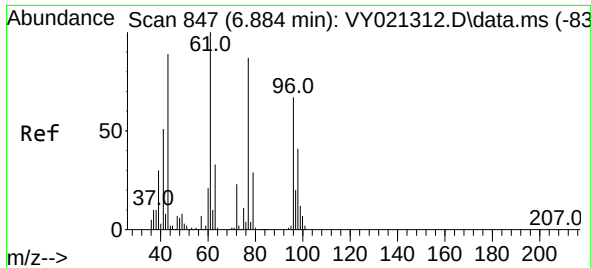
Tgt Ion: 43 Resp: 65440
Ion Ratio Lower Upper
43 100
72 27.4 19.0 28.6



#26
2,2-Dichloropropane
Concen: 19.269 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 77 Resp: 72271
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7

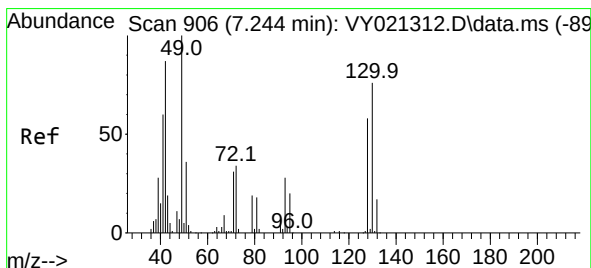
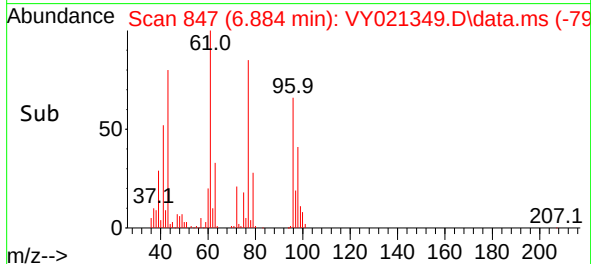
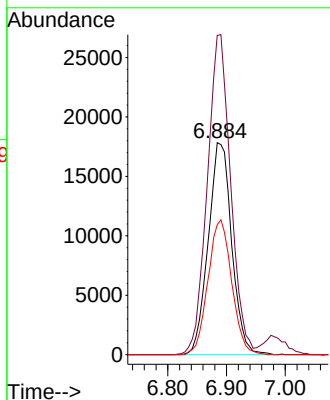
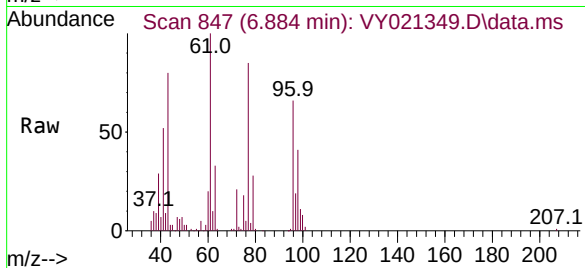




#27
 cis-1,2-Dichloroethene
 Concen: 19.710 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

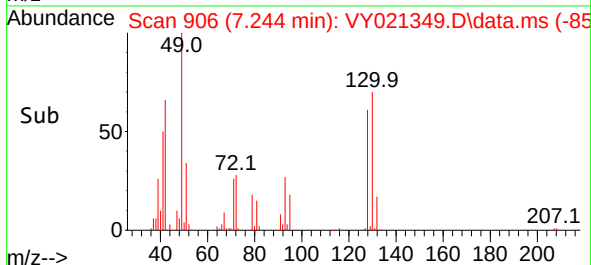
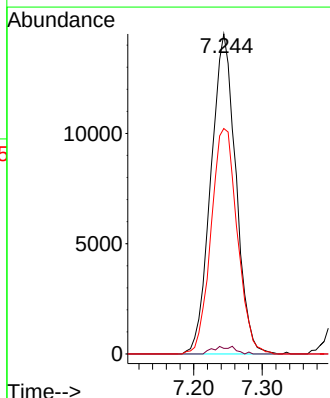
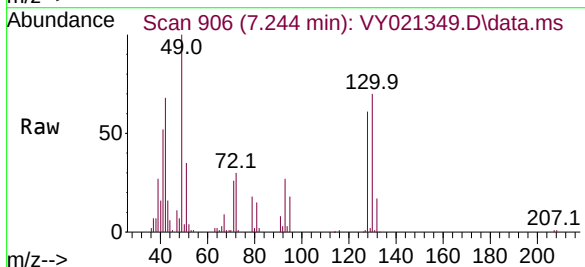
Instrument :
 MSVOA_Y
 ClientSampleId :

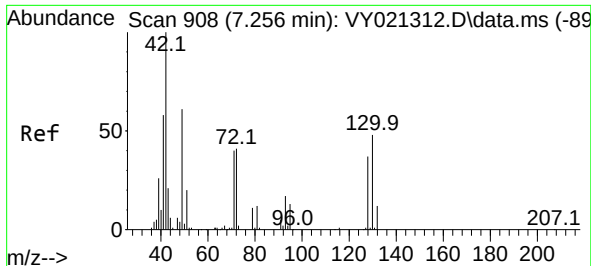
Tgt Ion: 96 Resp: 49527
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 308.0
 98 64.1 0.0 129.6



#28
 Bromochloromethane
 Concen: 20.054 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

Tgt Ion: 49 Resp: 36677
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 74.0 57.8 86.6





#29

Tetrahydrofuran

Concen: 98.745 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY021349.D

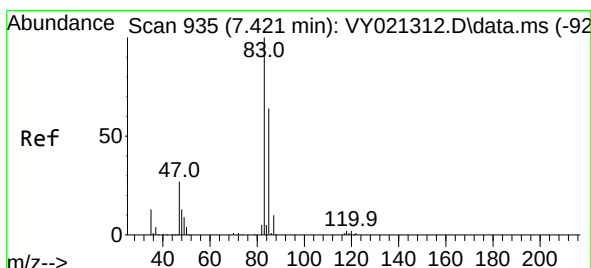
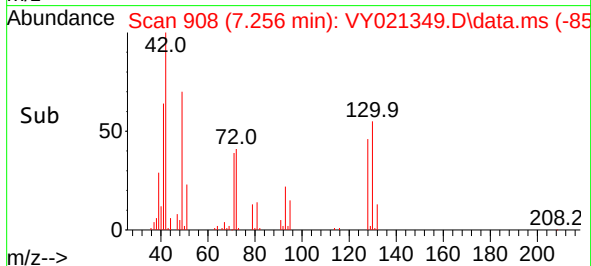
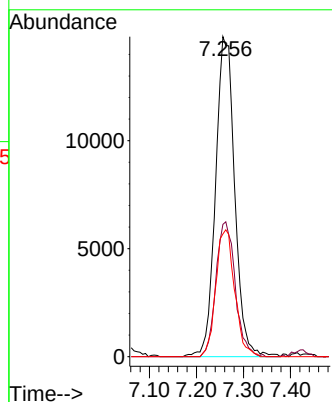
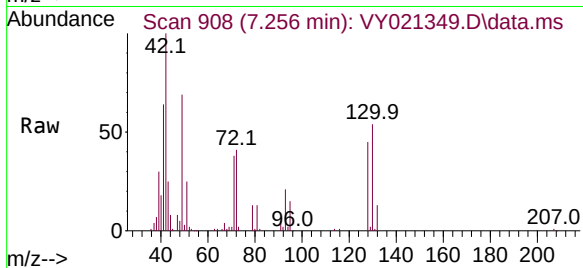
Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	42111
Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.1	49.7
71	39.0	31.4	47.0



#30

Chloroform

Concen: 19.915 ug/l

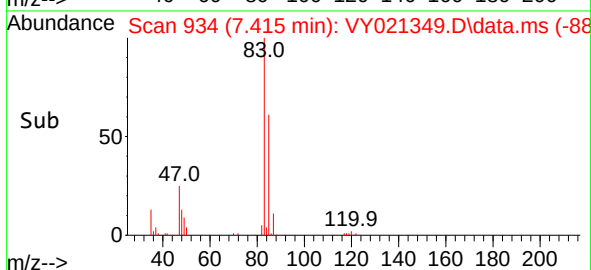
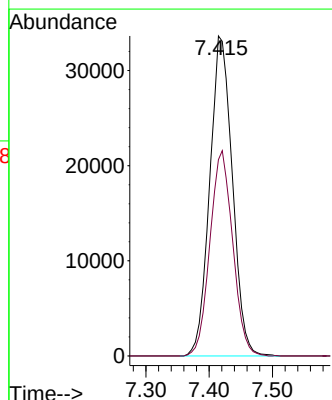
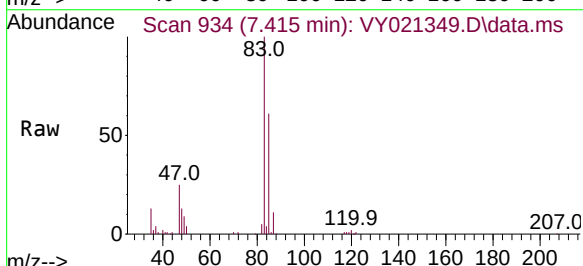
RT: 7.415 min Scan# 934

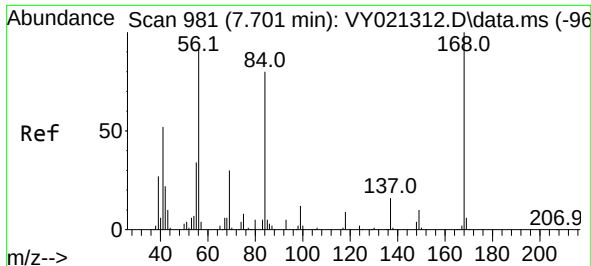
Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Tgt Ion:	83	Resp:	83409
Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.6	77.4

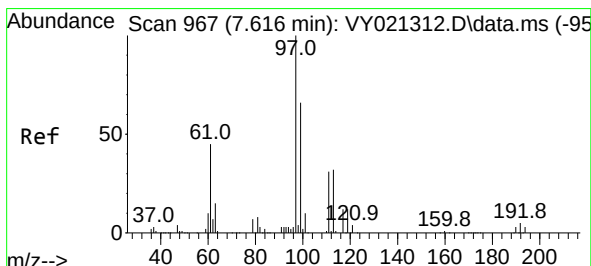
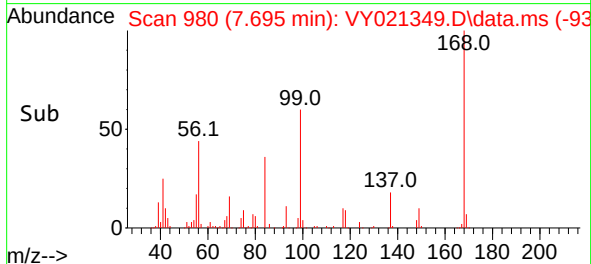
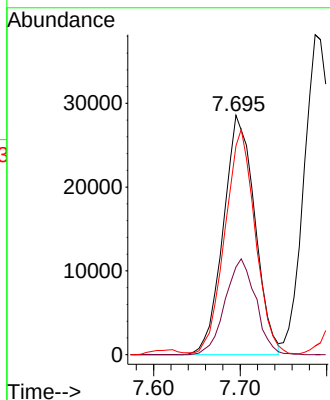
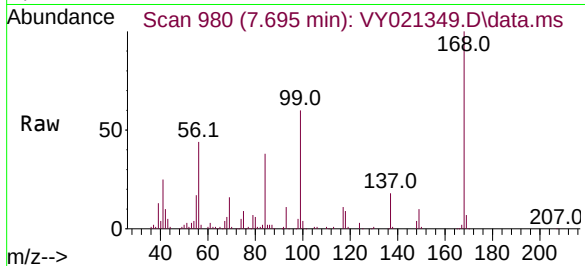




#31
Cyclohexane
Concen: 18.172 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

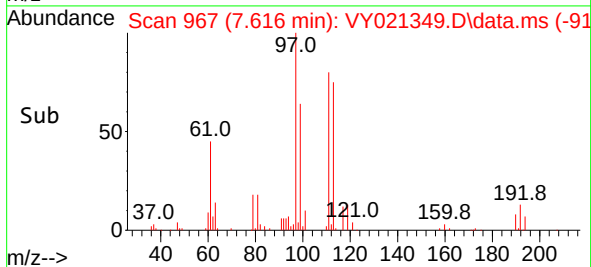
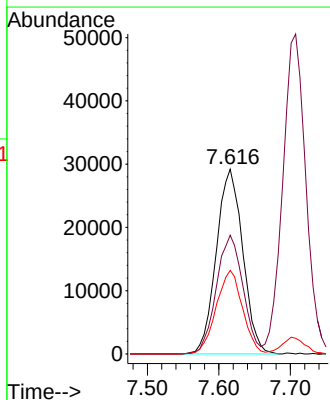
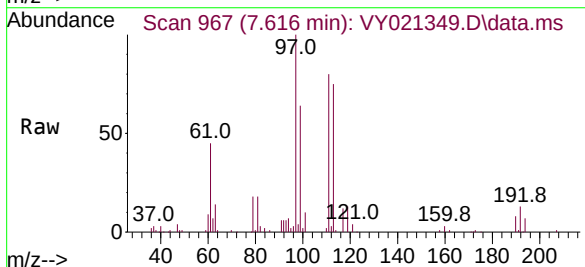
Instrument :
MSVOA_Y
ClientSampleId :

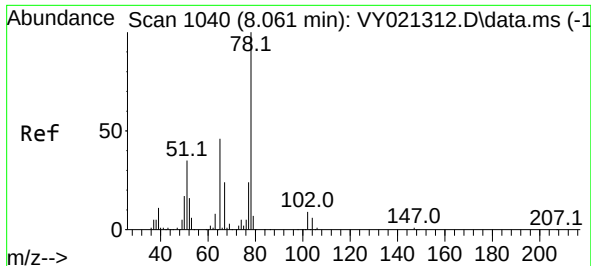
Tgt Ion: 56 Resp: 72200
Ion Ratio Lower Upper
56 100
69 36.6 26.2 39.4
84 86.0 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 19.686 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 97 Resp: 75049
Ion Ratio Lower Upper
97 100
99 64.7 52.4 78.6
61 44.9 36.2 54.2

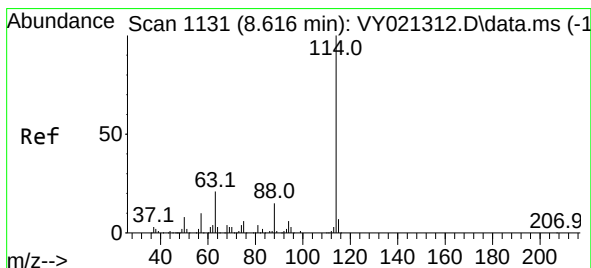
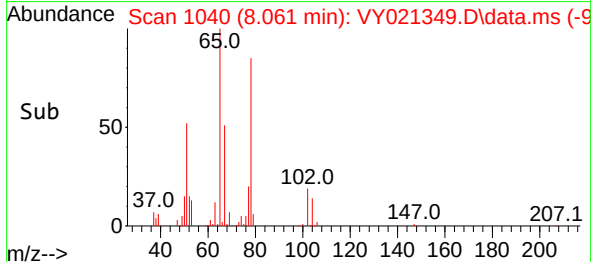
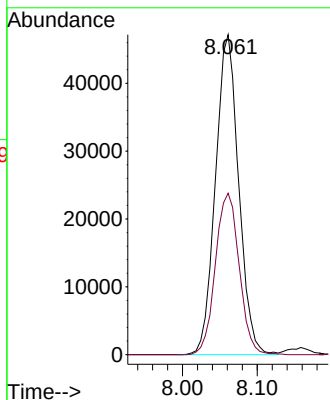
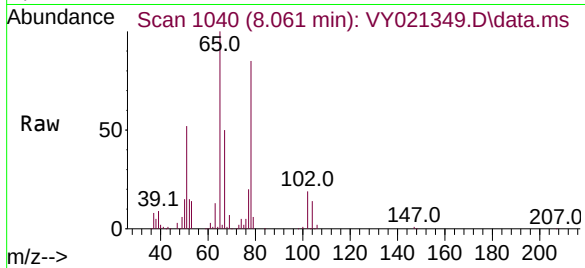




#33
 1,2-Dichloroethane-d4
 Concen: 45.236 ug/l
 RT: 8.061 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

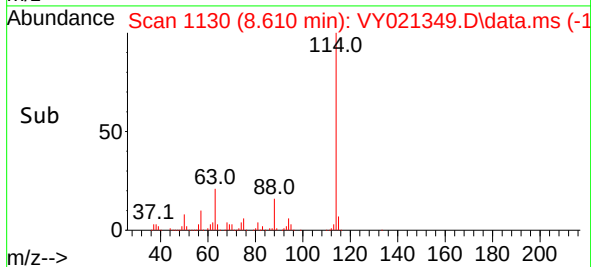
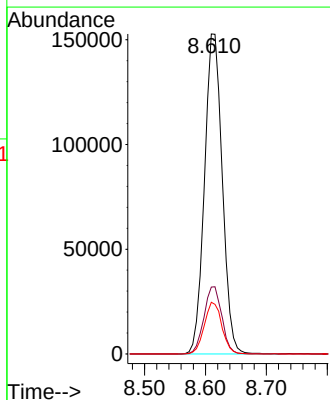
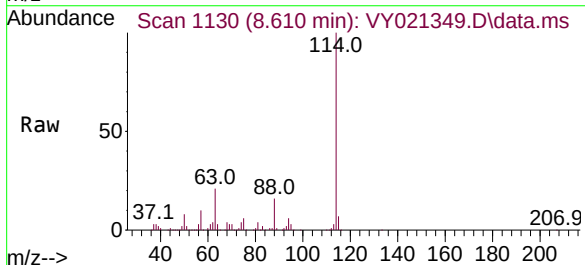
Instrument :
 MSVOA_Y
 ClientSampleId :

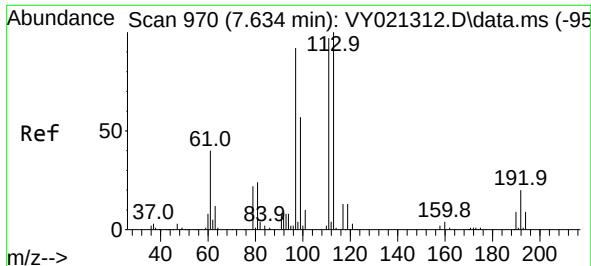
Tgt Ion: 65 Resp: 101944
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY021349.D
 Acq: 27 Feb 2025 11:40

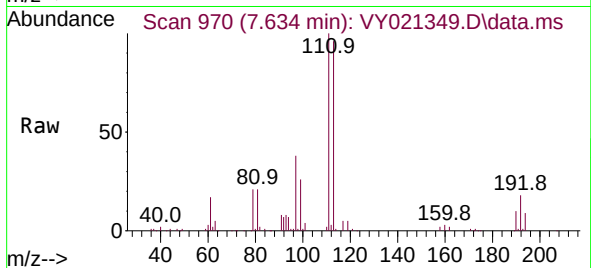
Tgt Ion: 114 Resp: 310671
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.2
 88 16.1 0.0 29.8



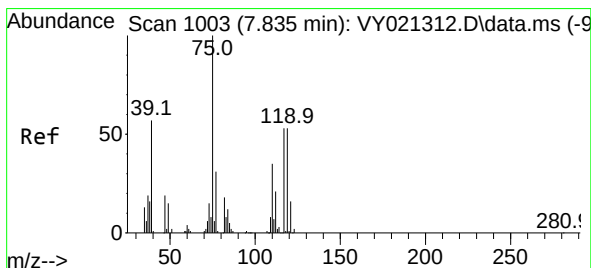
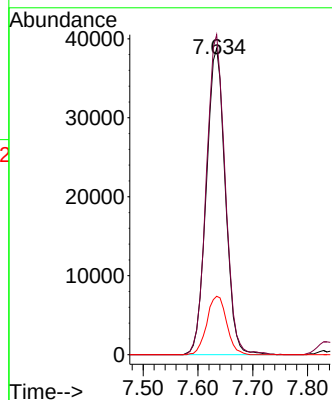
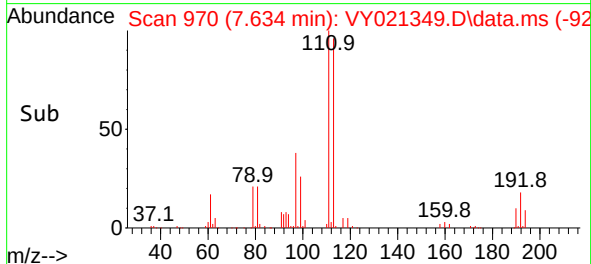


#35
Dibromofluoromethane
Concen: 45.586 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

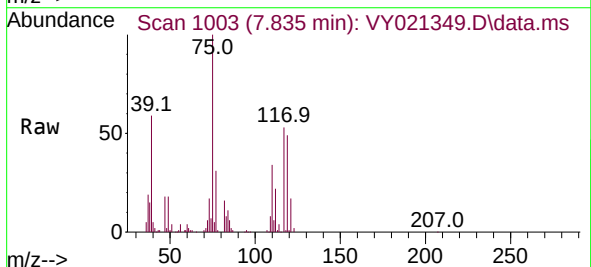
Instrument :
MSVOA_Y
ClientSampleId :



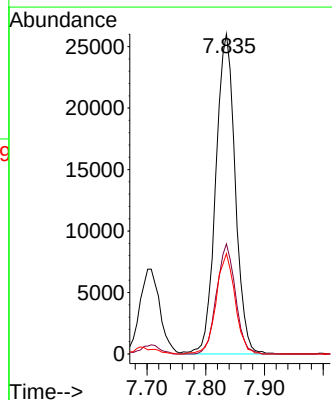
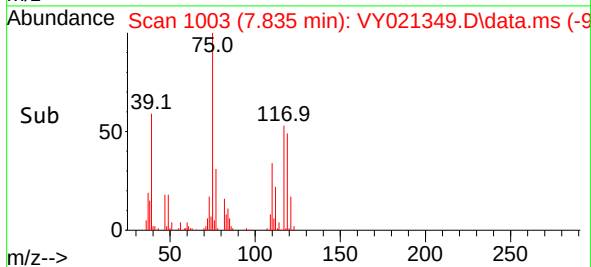
Tgt Ion:113 Resp: 92849
Ion Ratio Lower Upper
113 100
111 103.7 81.0 121.6
192 20.0 15.8 23.8

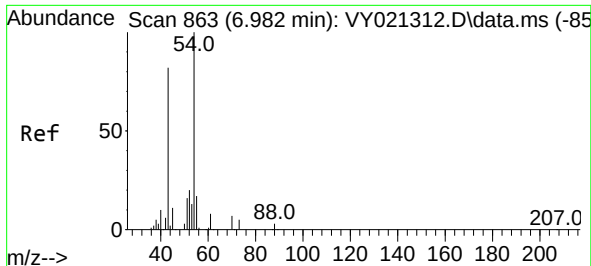


#36
1,1-Dichloropropene
Concen: 19.578 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



Tgt Ion: 75 Resp: 59900
Ion Ratio Lower Upper
75 100
110 33.3 16.9 50.7
77 30.6 24.6 36.8

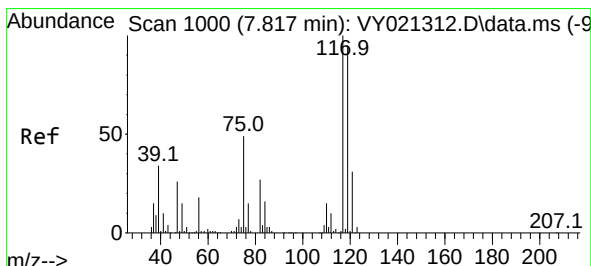
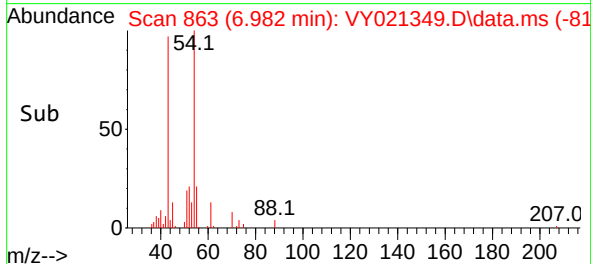
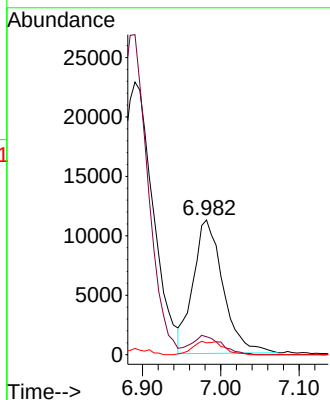
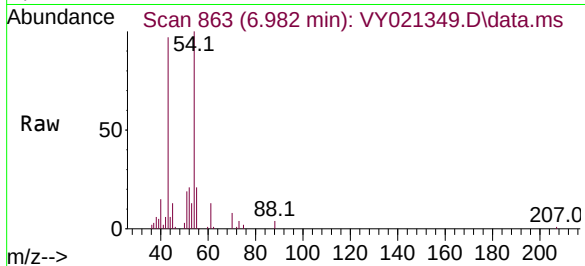




#37
Ethyl Acetate
Concen: 19.572 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

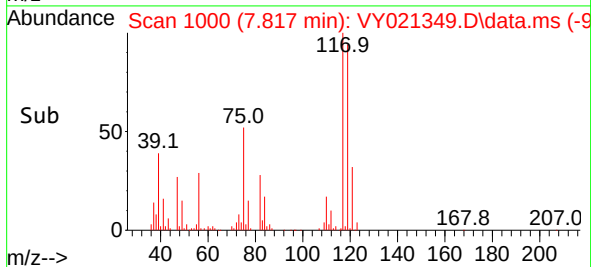
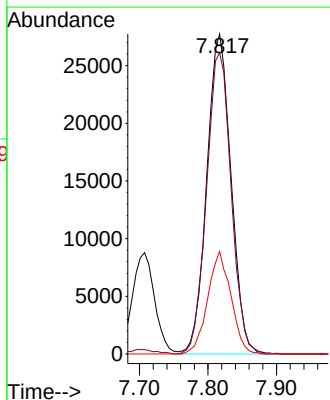
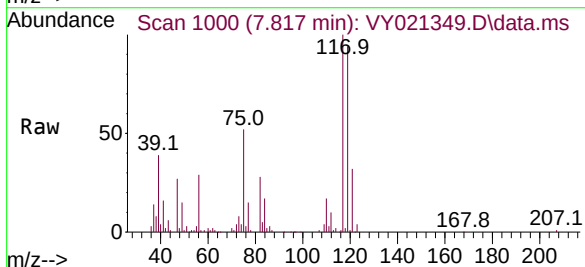
Instrument :
MSVOA_Y
ClientSampleId :

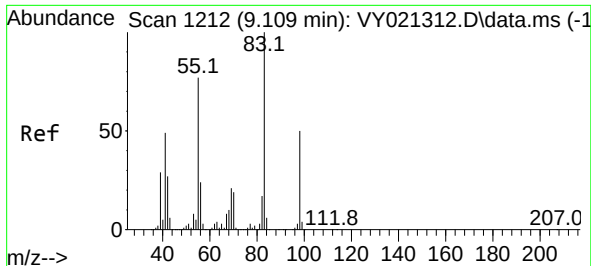
Tgt Ion: 43 Resp: 29786
Ion Ratio Lower Upper
43 100
61 14.0 10.4 15.6
70 10.0 7.5 11.3



#38
Carbon Tetrachloride
Concen: 19.849 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 117 Resp: 68272
Ion Ratio Lower Upper
117 100
119 94.1 76.0 114.0
121 32.0 24.9 37.3

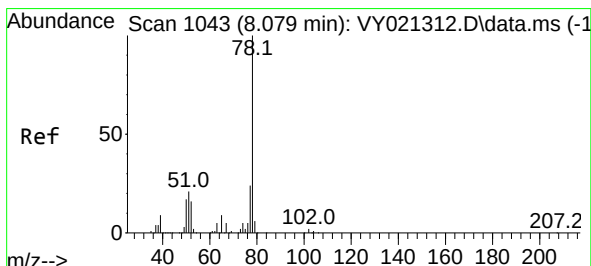
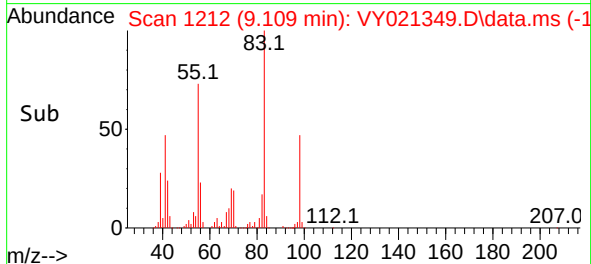
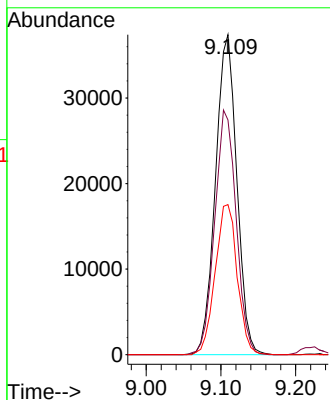
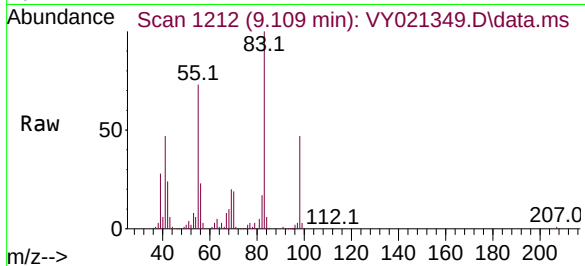




#39
Methylcyclohexane
Concen: 19.243 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

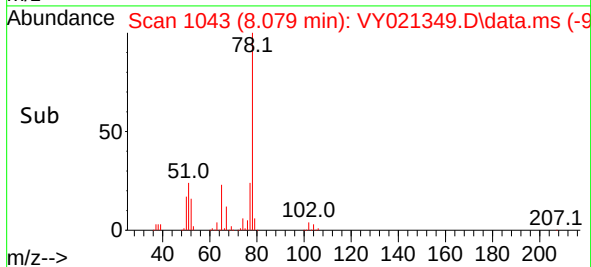
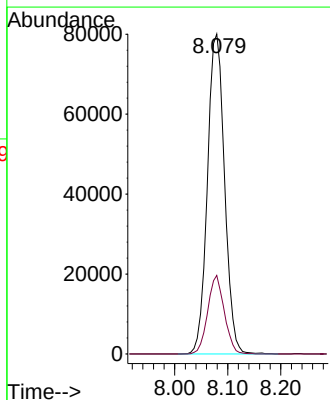
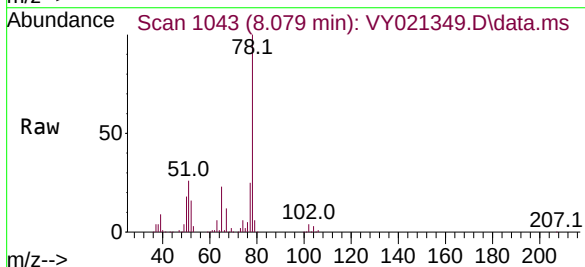
Instrument :
MSVOA_Y
ClientSampleId :

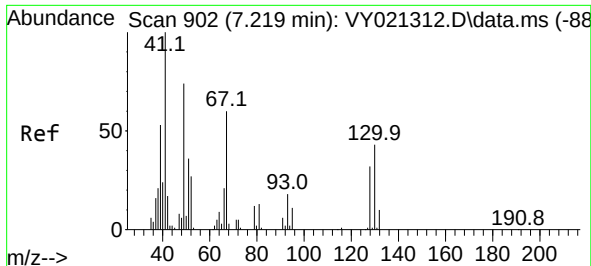
Tgt Ion: 83 Resp: 74465
Ion Ratio Lower Upper
83 100
55 73.4 61.3 91.9
98 46.9 39.9 59.9



#40
Benzene
Concen: 19.844 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 78 Resp: 179474
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8

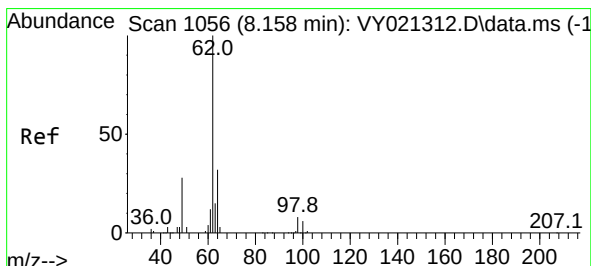
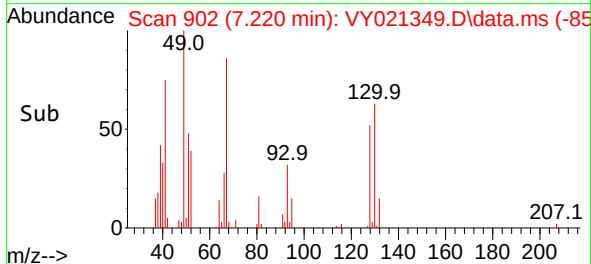
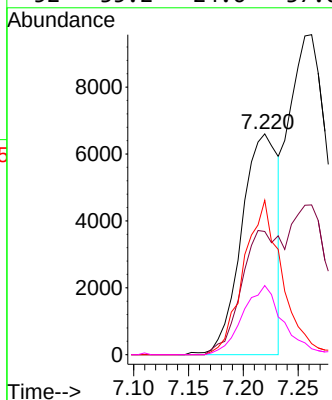
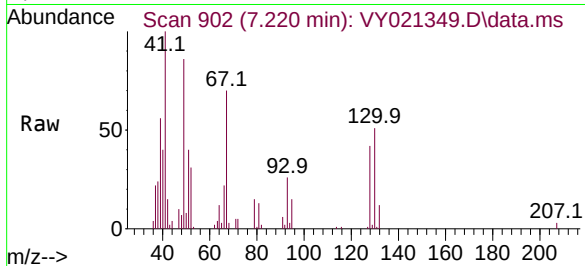




#41
Methacrylonitrile
Concen: 17.942 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

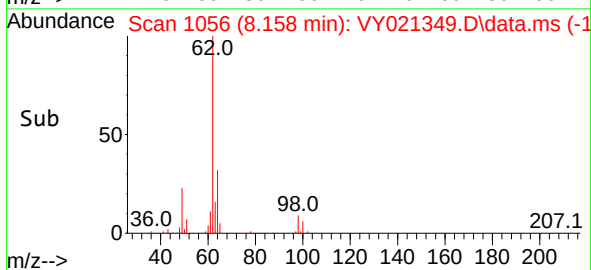
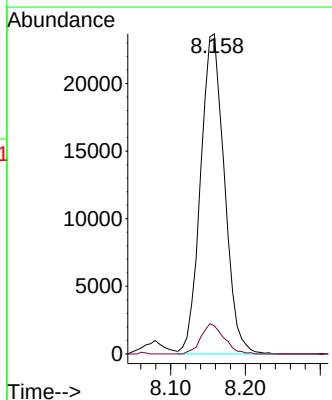
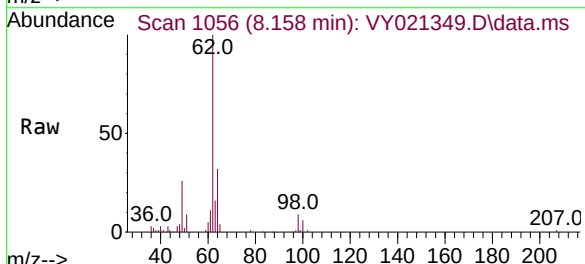
Instrument :
MSVOA_Y
ClientSampleId :

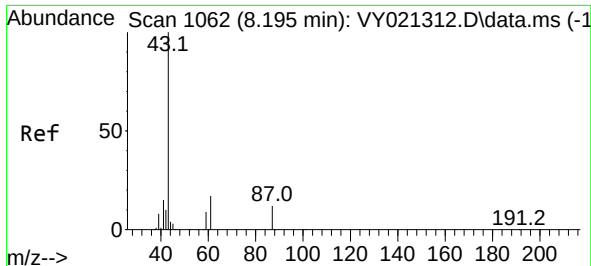
Tgt Ion: 41 Resp: 15267
Ion Ratio Lower Upper
41 100
39 64.0 42.3 63.5#
67 73.8 54.8 82.2
52 35.2 24.6 37.0



#42
1,2-Dichloroethane
Concen: 20.417 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 62 Resp: 52390
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6

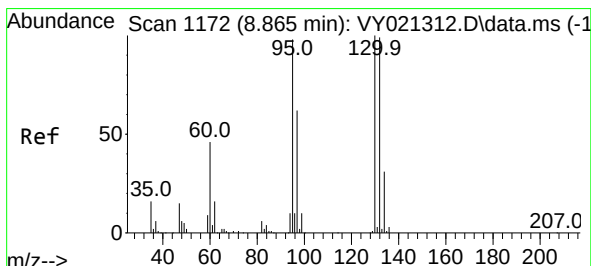
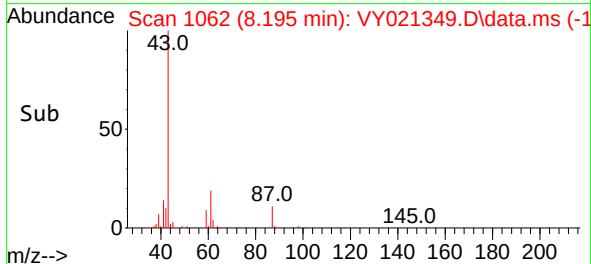
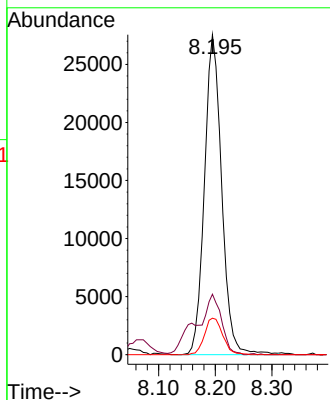
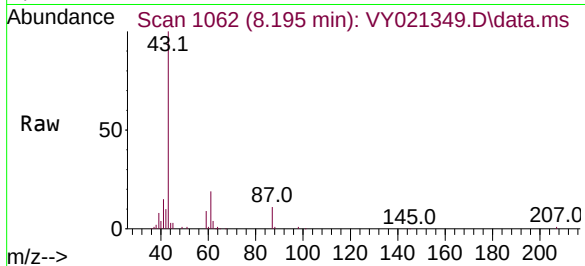




#43
Isopropyl Acetate
Concen: 19.779 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

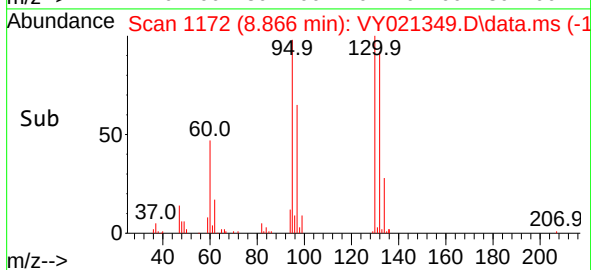
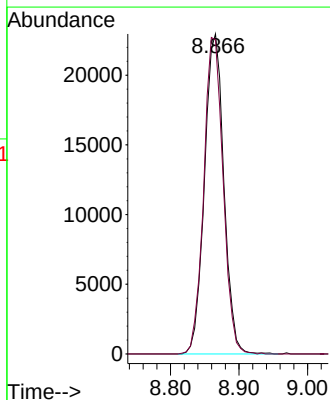
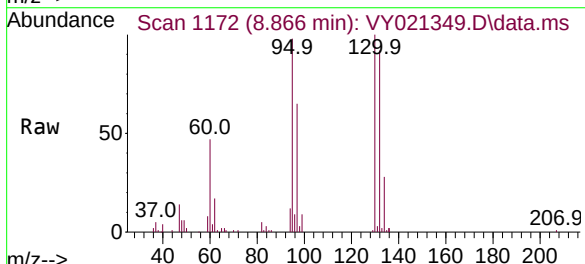
Instrument :
MSVOA_Y
ClientSampleId :

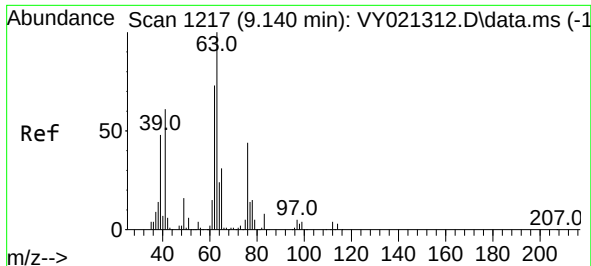
Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.0	22.6
87	12.0	10.0	15.0



#44
Trichloroethene
Concen: 19.959 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	196.0





#45

1,2-Dichloropropane

Concen: 19.575 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

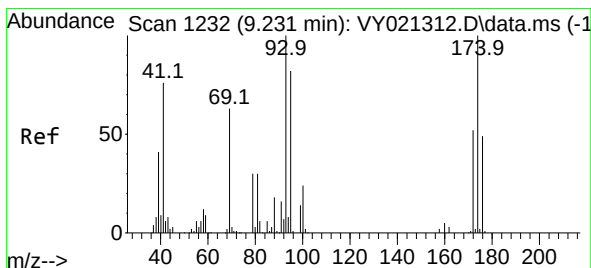
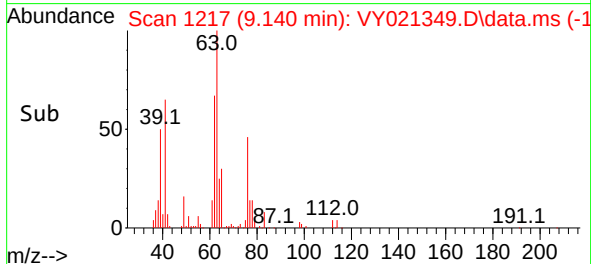
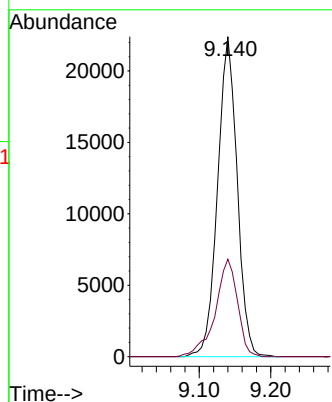
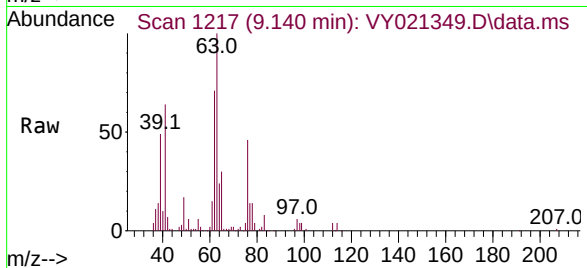
ClientSampleId :

Tgt Ion: 63 Resp: 42605

Ion Ratio Lower Upper

63 100

65 30.5 24.6 36.8



#46

Dibromomethane

Concen: 20.287 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

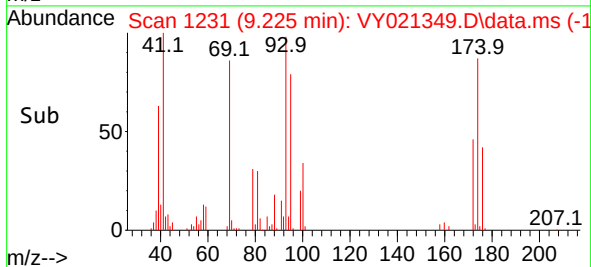
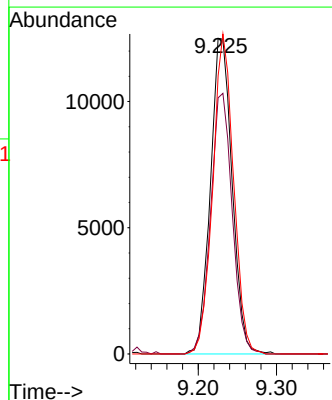
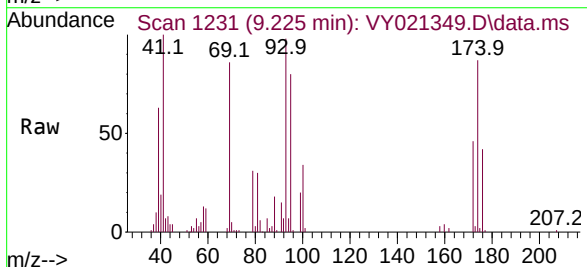
Tgt Ion: 93 Resp: 24136

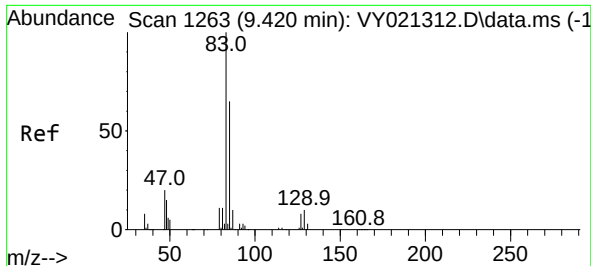
Ion Ratio Lower Upper

93 100

95 82.1 66.4 99.6

174 97.0 78.2 117.2





#47

Bromodichloromethane

Concen: 20.183 ug/l

RT: 9.420 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

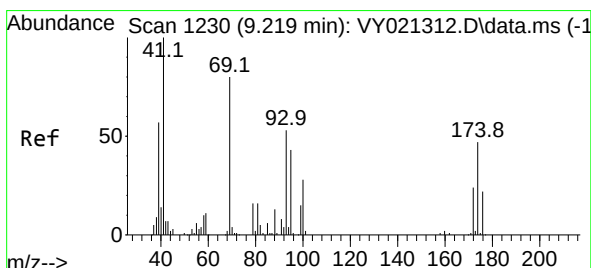
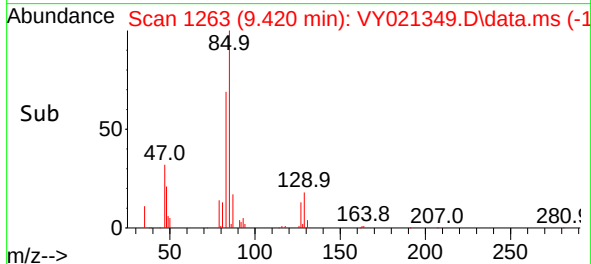
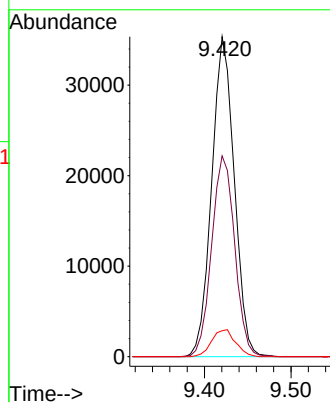
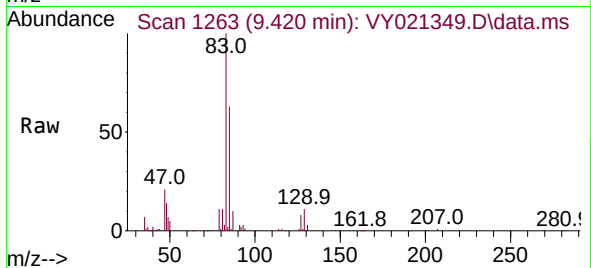
Tgt Ion: 83 Resp: 64023

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8

127 8.1 6.7 10.1



#48

Methyl methacrylate

Concen: 19.891 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

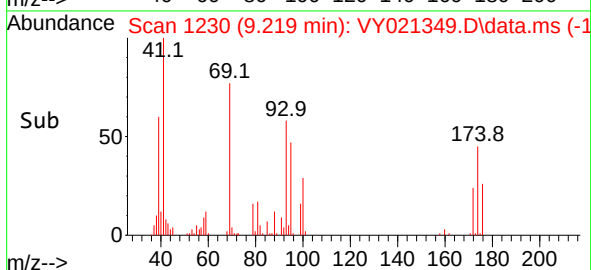
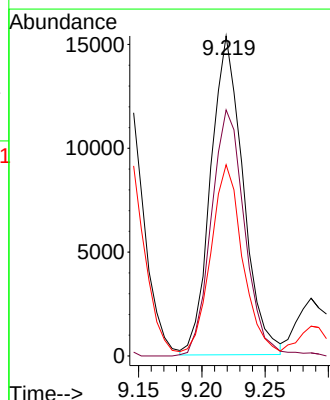
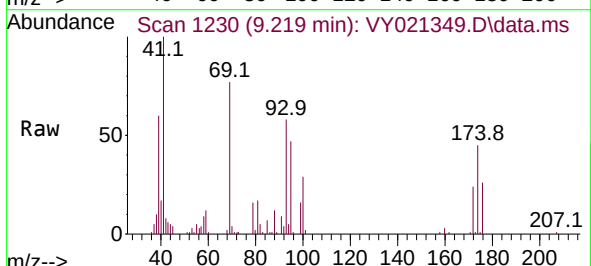
Tgt Ion: 41 Resp: 27400

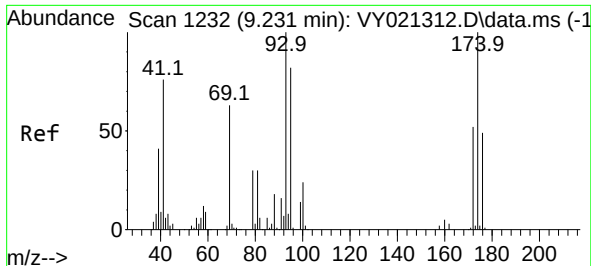
Ion Ratio Lower Upper

41 100

69 79.9 63.3 94.9

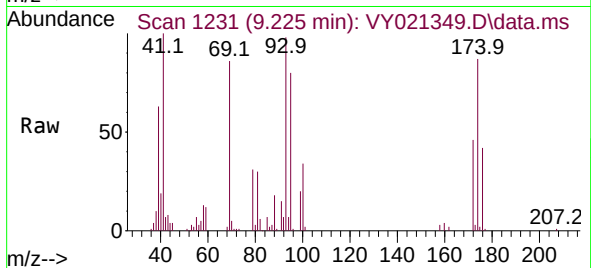
39 56.9 45.0 67.6



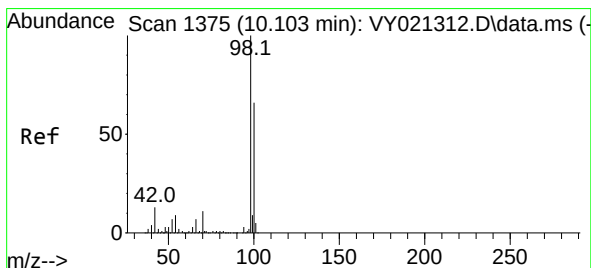
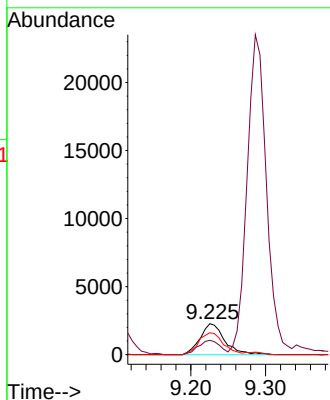
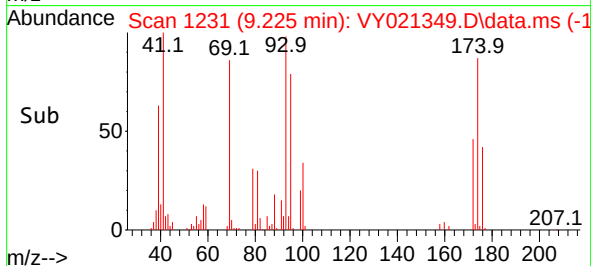


#49
1,4-Dioxane
Concen: 396.870 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Instrument :
MSVOA_Y
ClientSampleId :

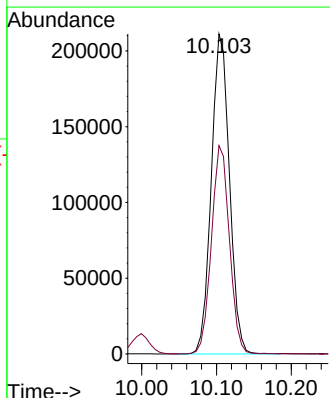
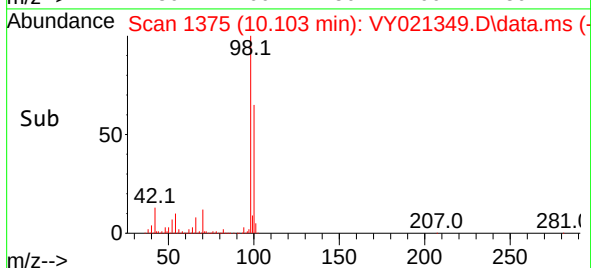
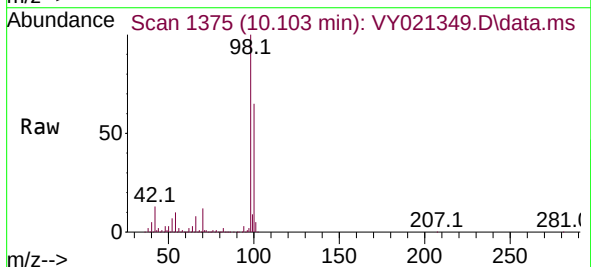


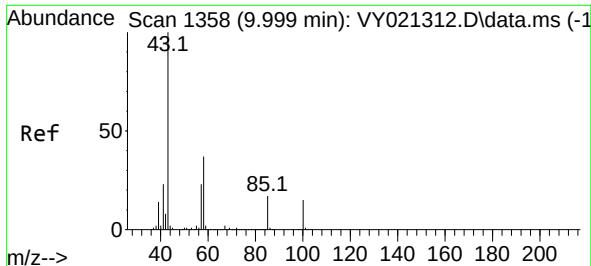
Tgt Ion: 88 Resp: 5250
Ion Ratio Lower Upper
88 100
43 41.0 34.8 52.2
58 69.6 59.8 89.6



#50
Toluene-d8
Concen: 45.313 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 98 Resp: 356688
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 99.200 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

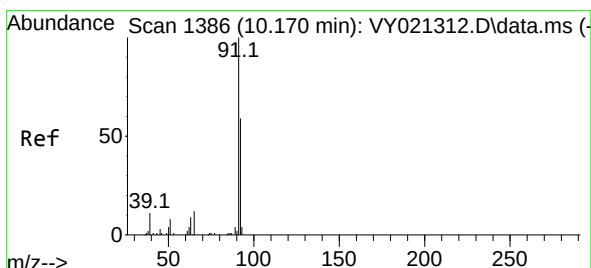
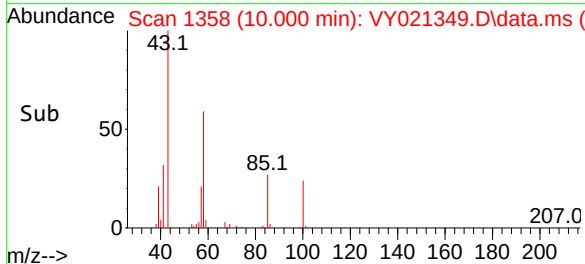
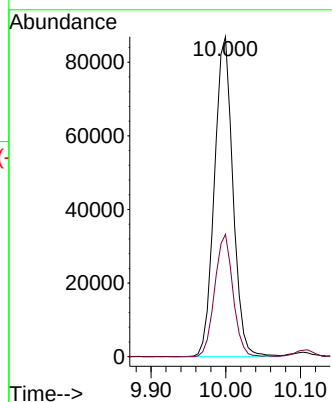
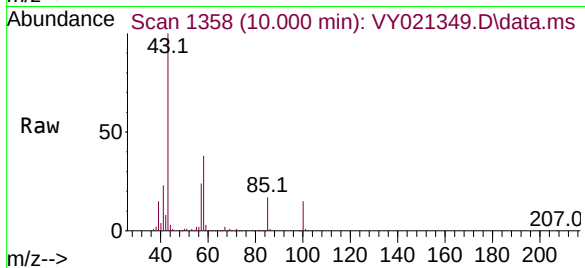
ClientSampleId :

Tgt Ion: 43 Resp: 149583

Ion Ratio Lower Upper

43 100

58 37.8 30.1 45.1



#52

Toluene

Concen: 19.915 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021349.D

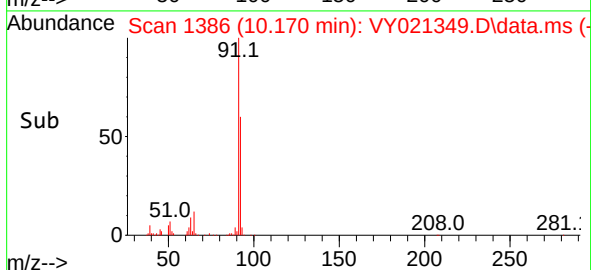
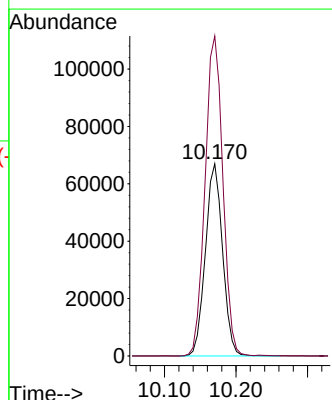
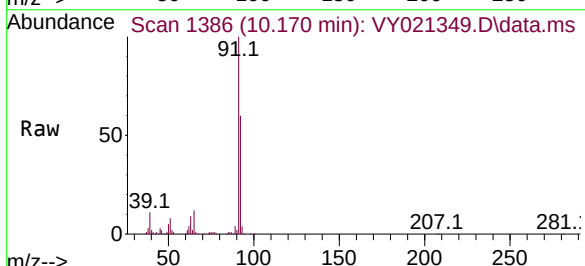
Acq: 27 Feb 2025 11:40

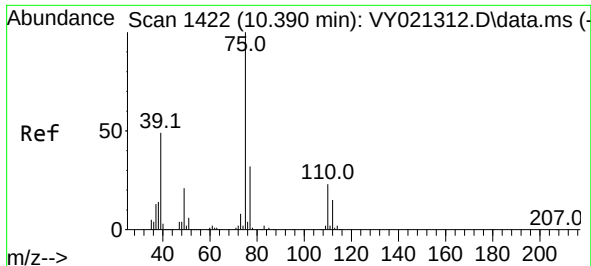
Tgt Ion: 92 Resp: 111889

Ion Ratio Lower Upper

92 100

91 171.8 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 19.655 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

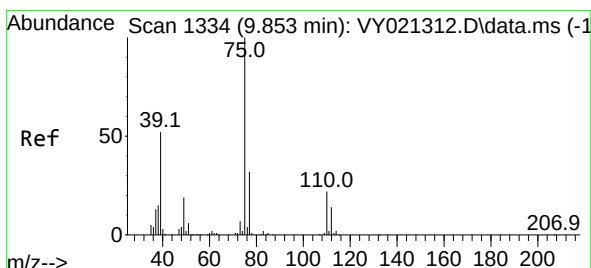
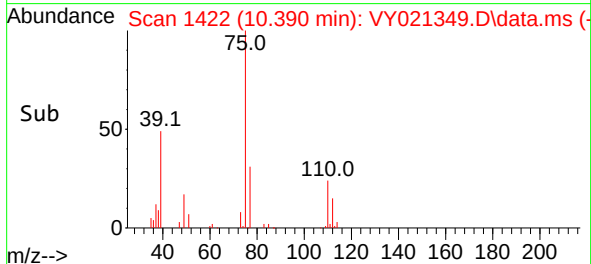
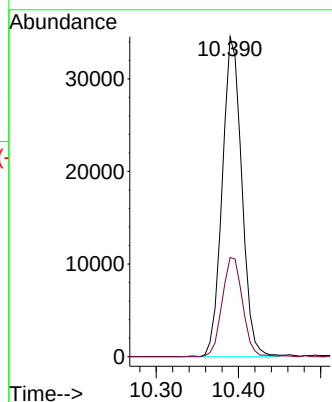
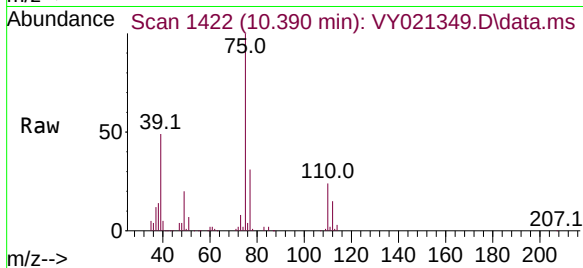
ClientSampleId :

Tgt Ion: 75 Resp: 57123

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.483 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

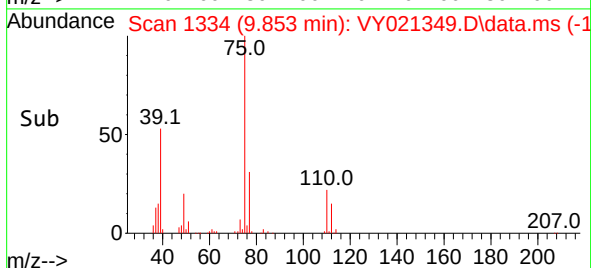
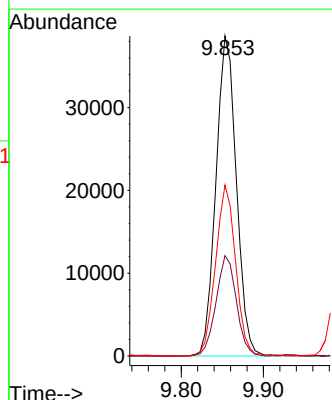
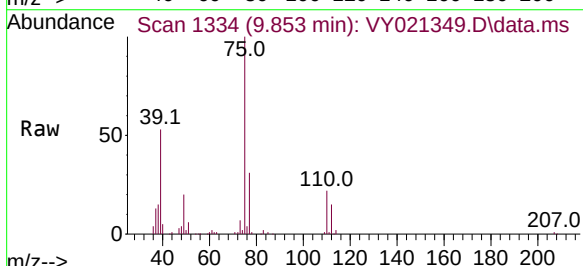
Tgt Ion: 75 Resp: 66848

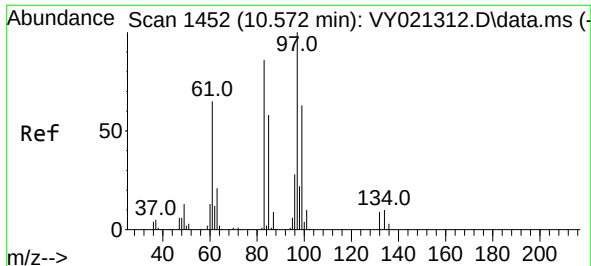
Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 53.4 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 20.255 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 31392

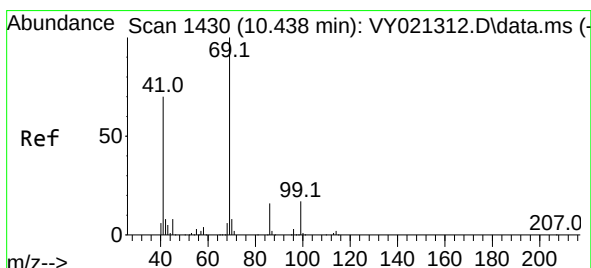
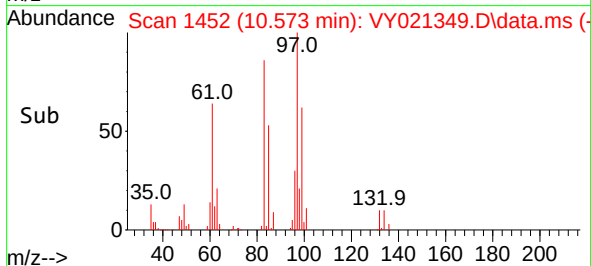
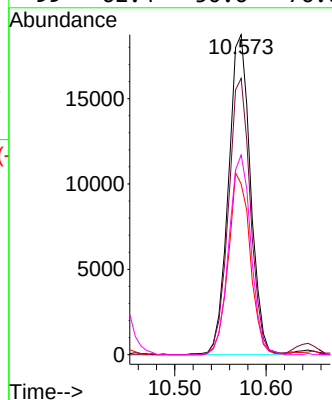
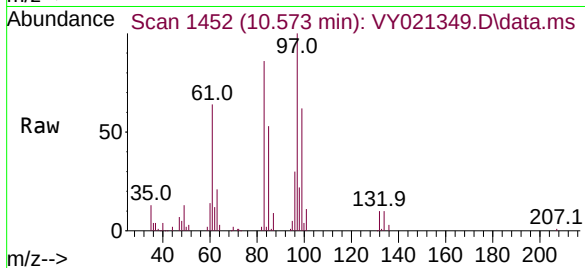
Ion Ratio Lower Upper

97 100

83 86.4 68.7 103.1

85 53.4 46.3 69.5

99 62.4 50.6 76.0



#56

Ethyl methacrylate

Concen: 19.635 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

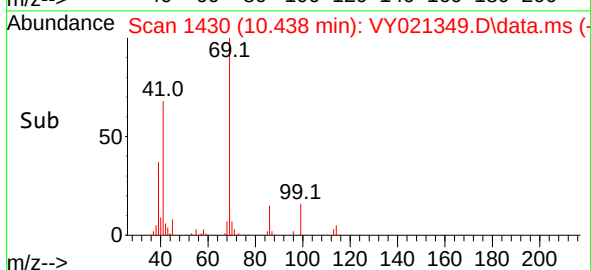
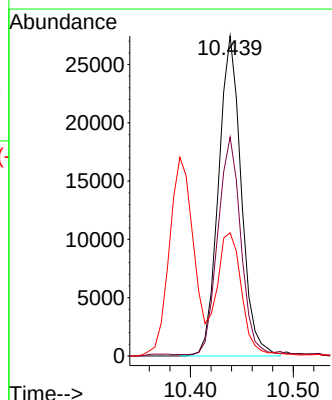
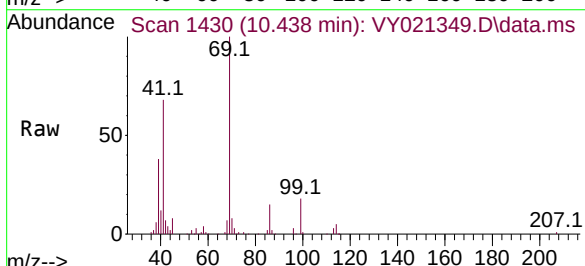
Tgt Ion: 69 Resp: 42049

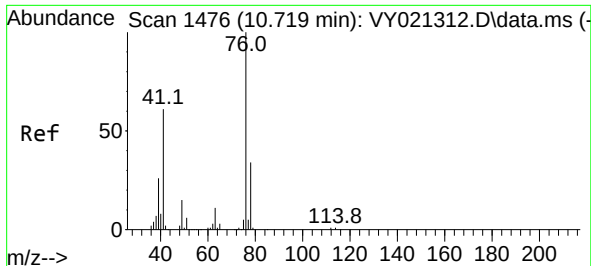
Ion Ratio Lower Upper

69 100

41 69.0 56.2 84.4

39 41.6 32.7 49.1





#57

1,3-Dichloropropane

Concen: 20.553 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

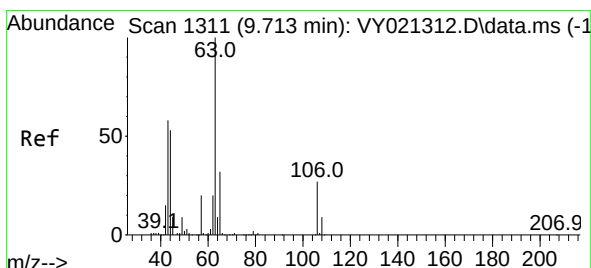
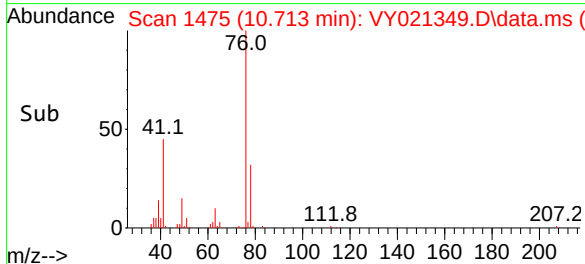
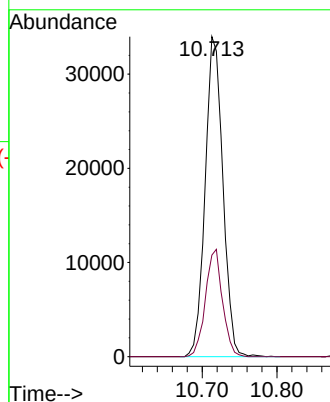
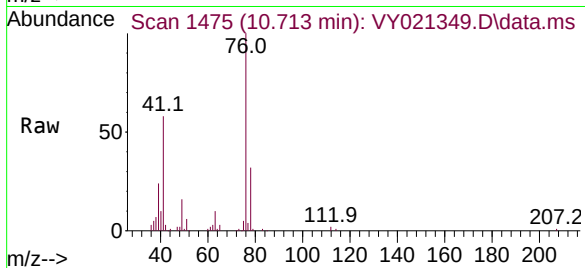
ClientSampleId :

Tgt Ion: 76 Resp: 55897

Ion Ratio Lower Upper

76 100

78 32.3 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 99.097 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021349.D

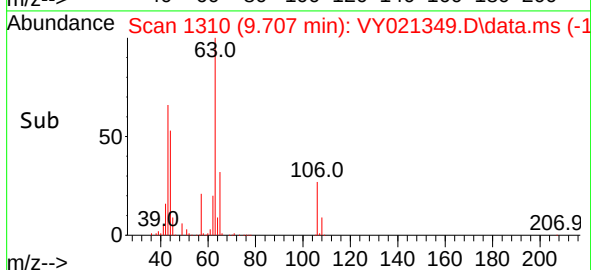
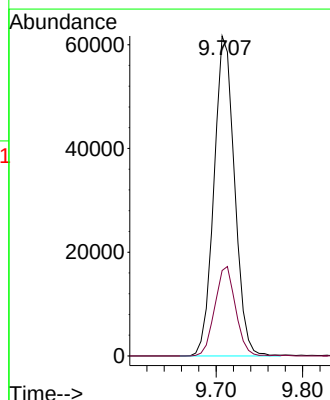
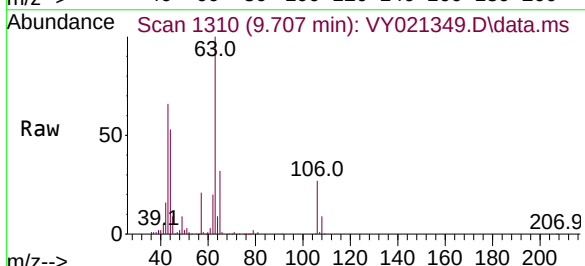
Acq: 27 Feb 2025 11:40

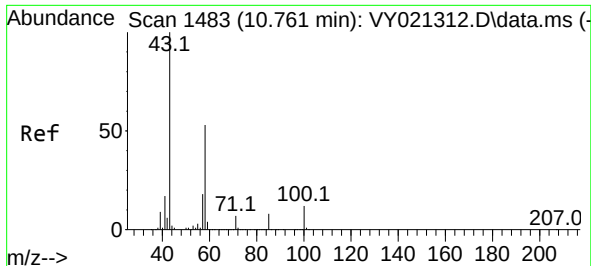
Tgt Ion: 63 Resp: 101862

Ion Ratio Lower Upper

63 100

106 28.2 21.7 32.5

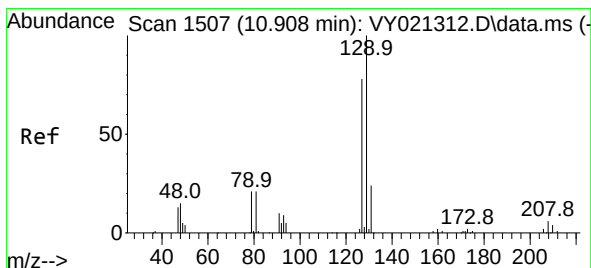
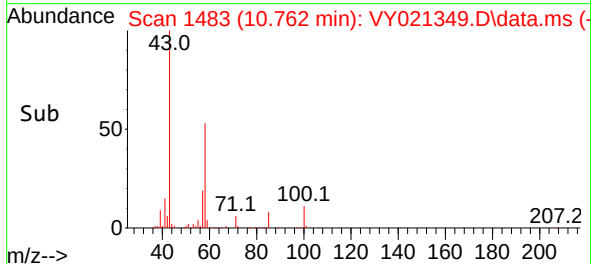
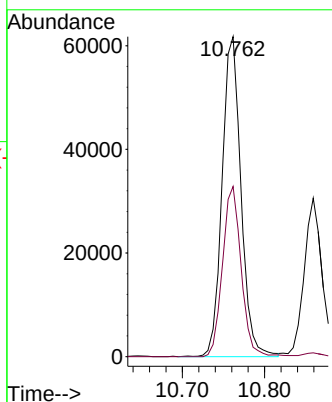
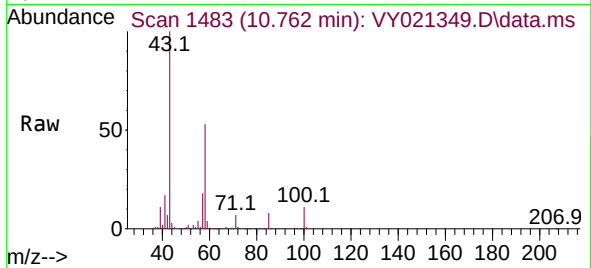




#59
2-Hexanone
Concen: 99.680 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

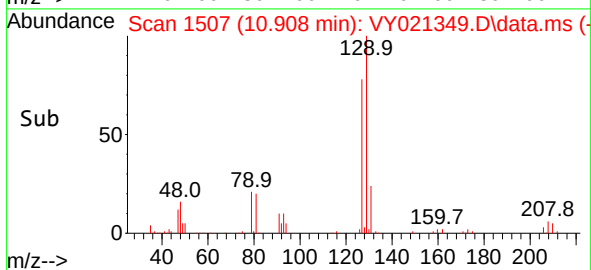
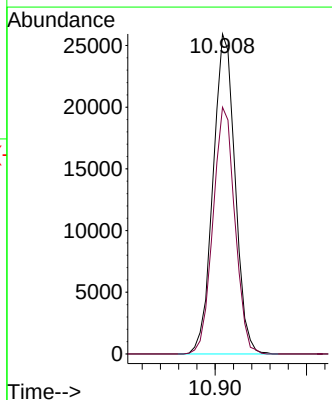
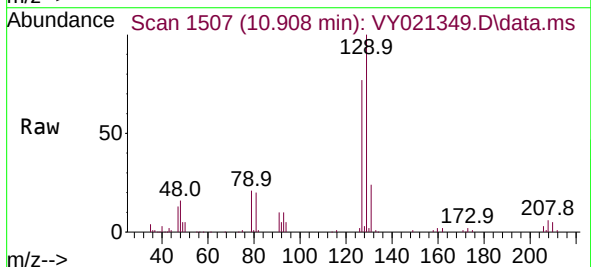
Instrument :
MSVOA_Y
ClientSampleId :

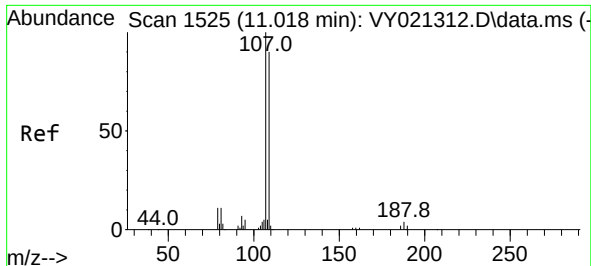
Tgt Ion: 43 Resp: 98713
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.6



#60
Dibromochloromethane
Concen: 20.559 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion:129 Resp: 43397
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61

1,2-Dibromoethane

Concen: 20.104 ug/l

RT: 11.012 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

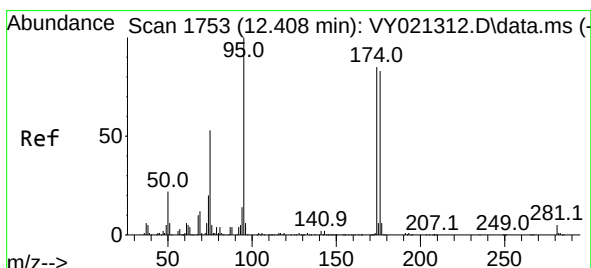
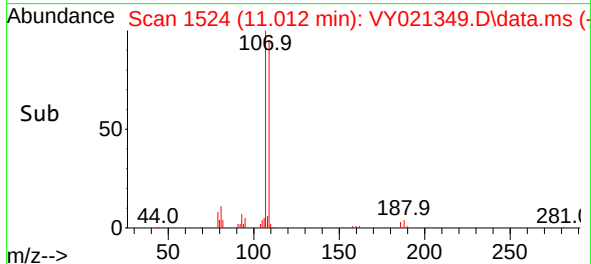
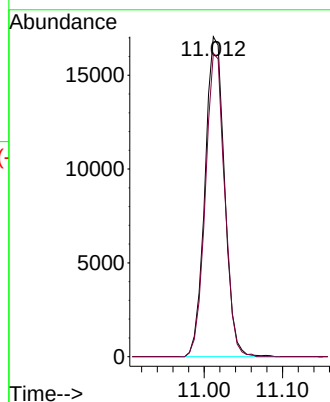
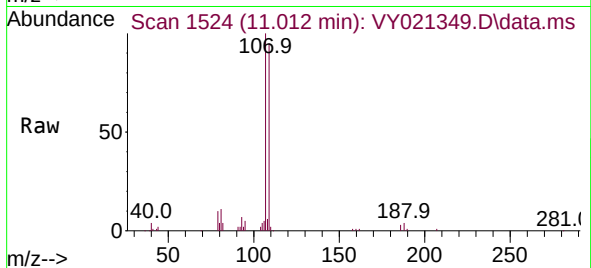
ClientSampleId :

Tgt Ion:107 Resp: 29498

Ion Ratio Lower Upper

107 100

109 93.6 73.8 110.8



#62

4-Bromofluorobenzene

Concen: 45.259 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

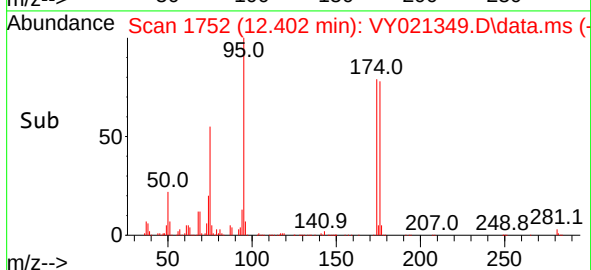
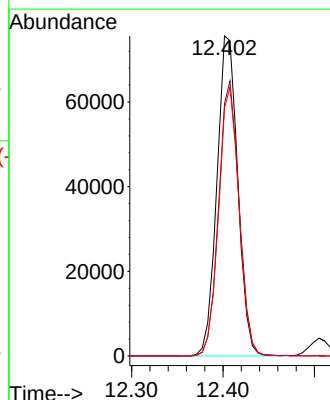
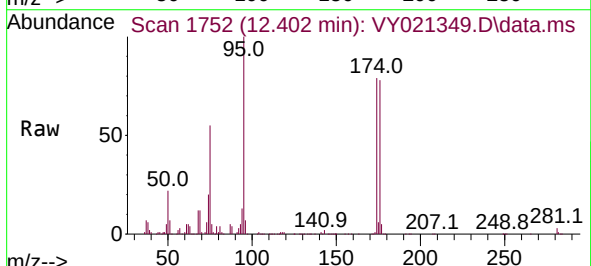
Tgt Ion: 95 Resp: 119898

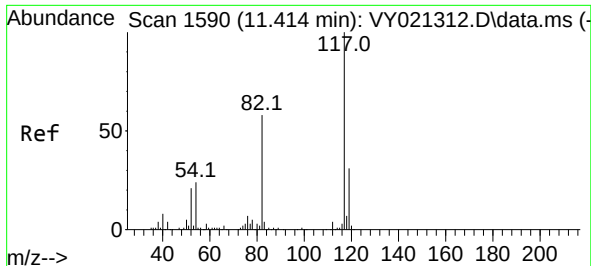
Ion Ratio Lower Upper

95 100

174 84.1 0.0 168.0

176 82.1 0.0 162.6

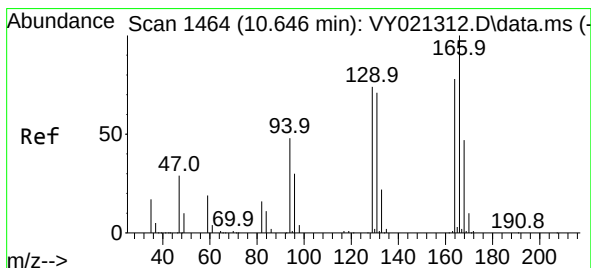
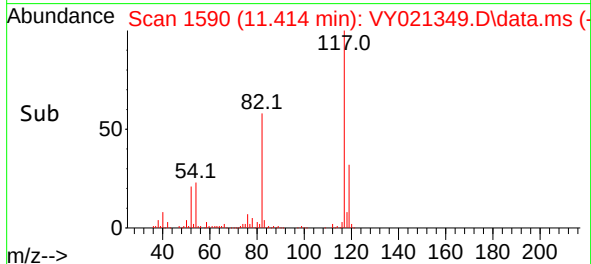
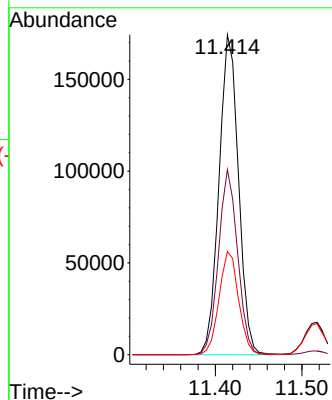
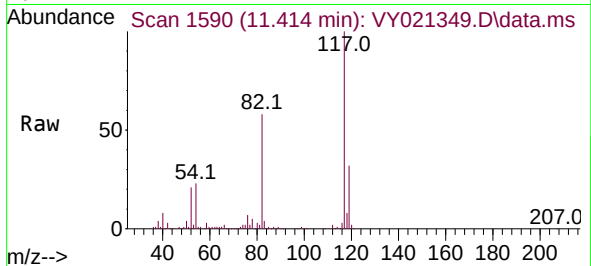




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

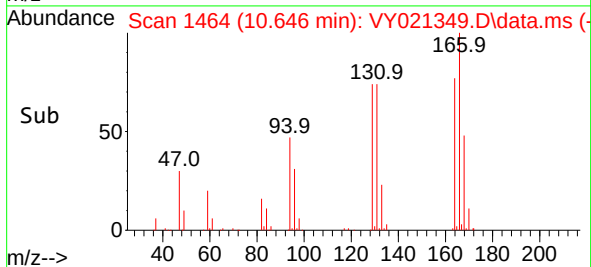
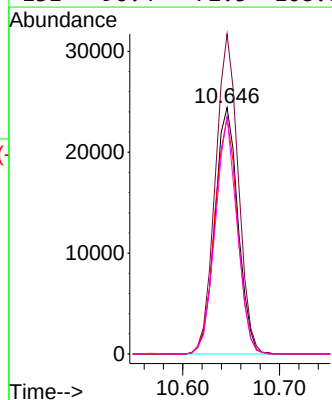
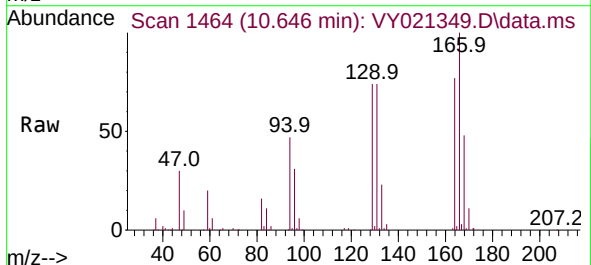
Instrument :
MSVOA_Y
ClientSampleId :

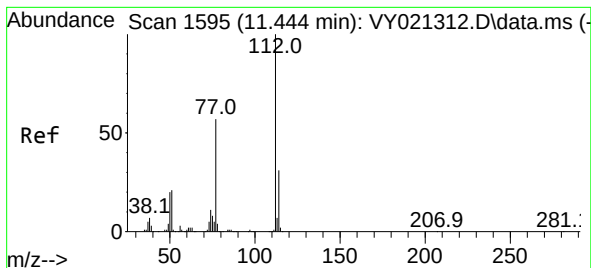
Tgt Ion:117 Resp: 272052
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 32.2 24.9 37.3



#64
Tetrachloroethene
Concen: 19.686 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion:164 Resp: 40481
Ion Ratio Lower Upper
164 100
166 129.9 101.9 152.9
129 95.9 75.5 113.3
131 96.4 72.5 108.7





#65

Chlorobenzene

Concen: 19.616 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

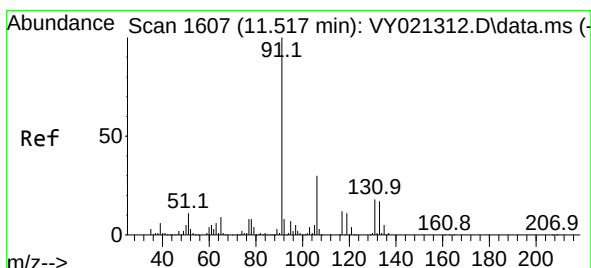
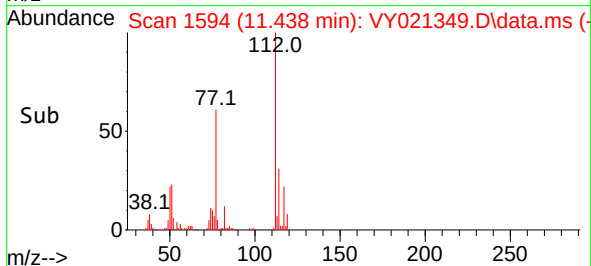
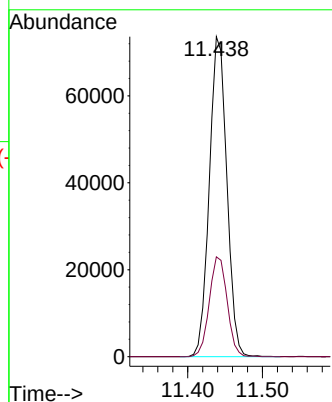
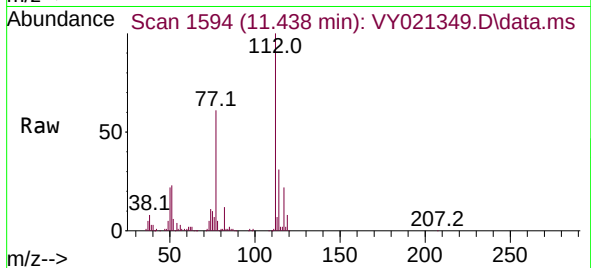
ClientSampleId :

Tgt Ion:112 Resp: 119791

Ion Ratio Lower Upper

112 100

114 31.2 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.414 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

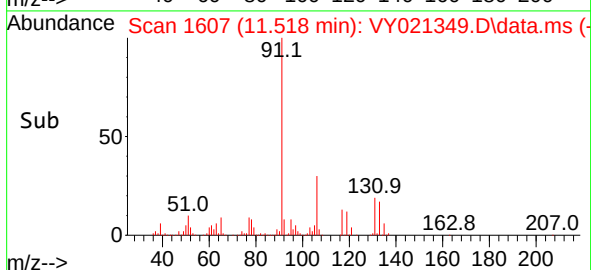
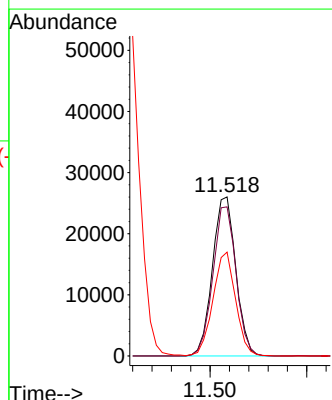
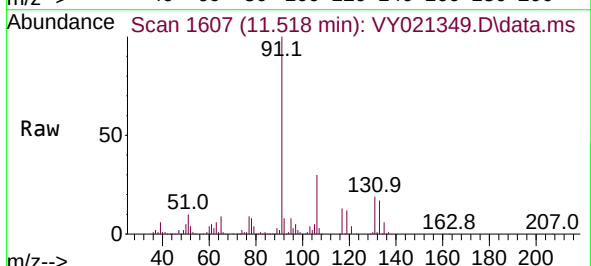
Tgt Ion:131 Resp: 43652

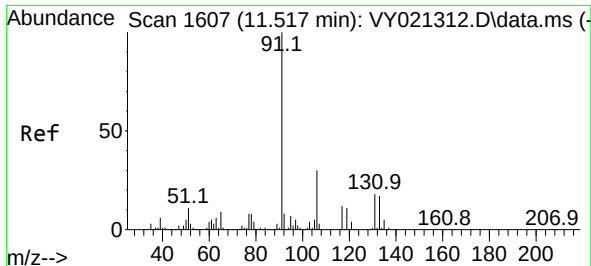
Ion Ratio Lower Upper

131 100

133 93.0 47.9 143.6

119 63.2 31.7 95.1

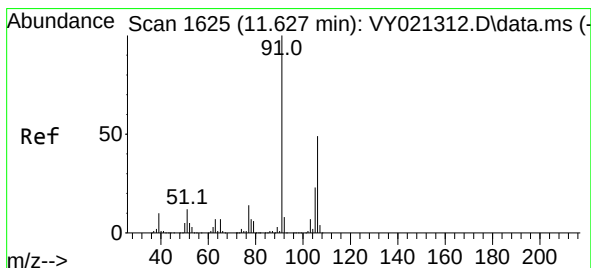
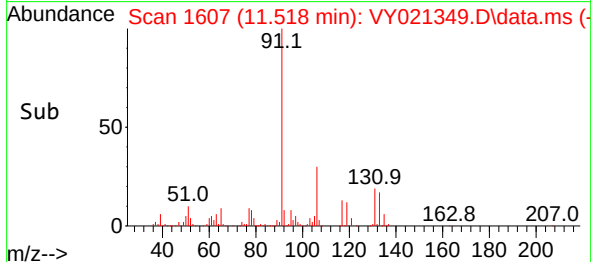
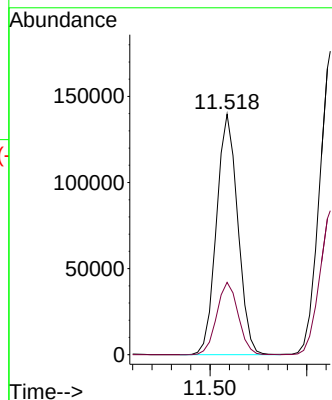
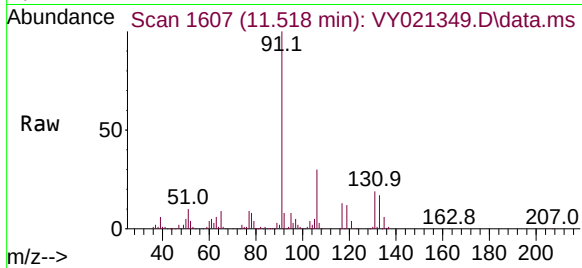




#67
Ethyl Benzene
Concen: 19.715 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

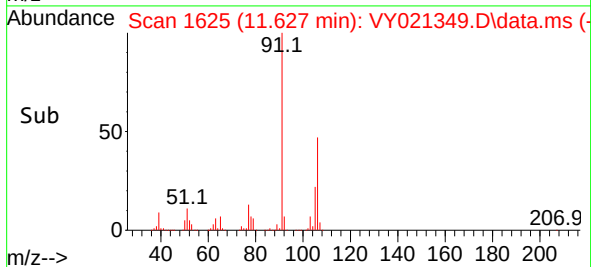
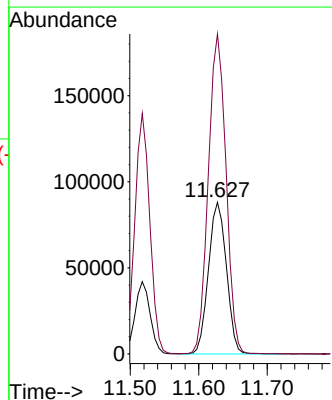
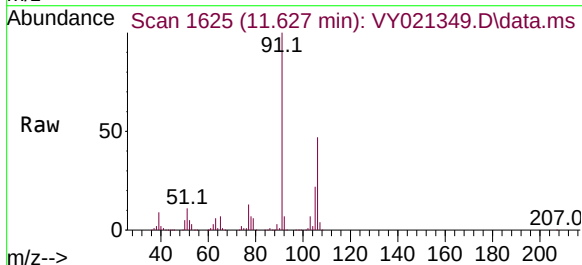
Instrument :
MSVOA_Y
ClientSampleId :

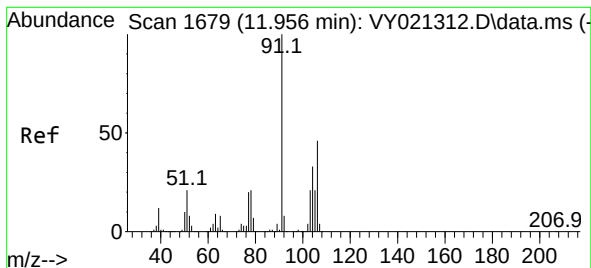
Tgt Ion: 91 Resp: 213261
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#68
m/p-Xylenes
Concen: 39.412 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion:106 Resp: 160355
Ion Ratio Lower Upper
106 100
91 208.0 163.9 245.9





#69

o-Xylene

Concen: 19.653 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

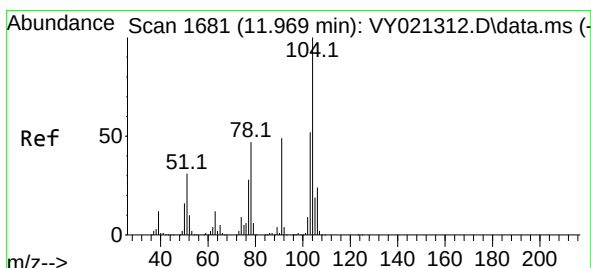
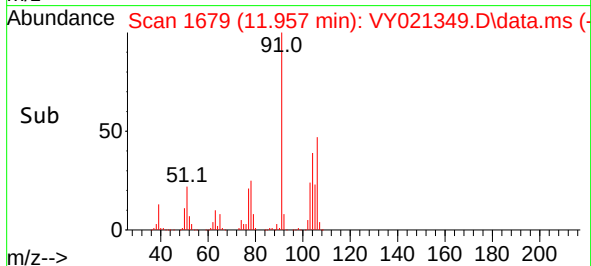
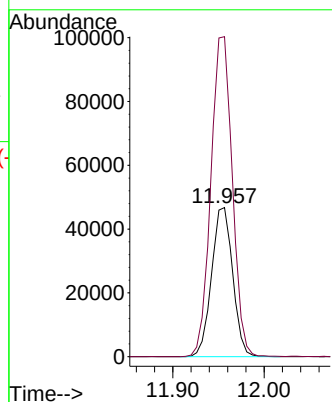
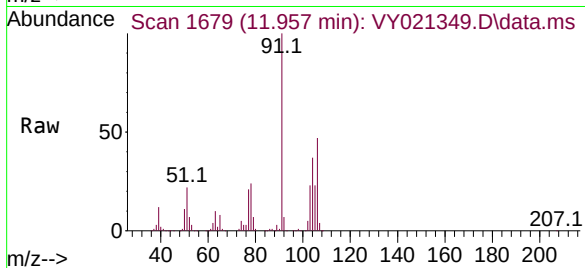
ClientSampleId :

Tgt Ion:106 Resp: 74908

Ion Ratio Lower Upper

106 100

91 218.4 108.1 324.2



#70

Styrene

Concen: 19.536 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

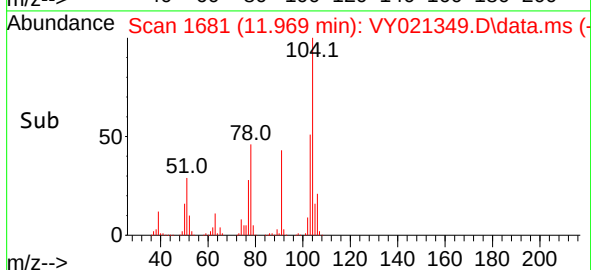
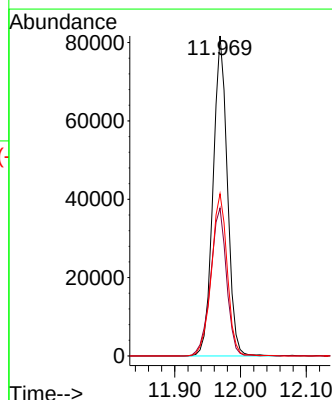
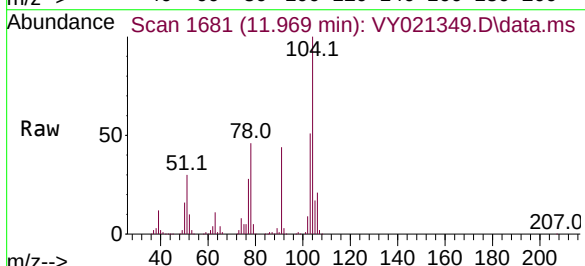
Tgt Ion:104 Resp: 123889

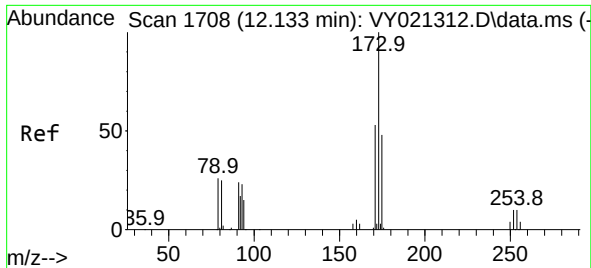
Ion Ratio Lower Upper

104 100

78 51.5 41.3 61.9

103 55.7 43.9 65.9

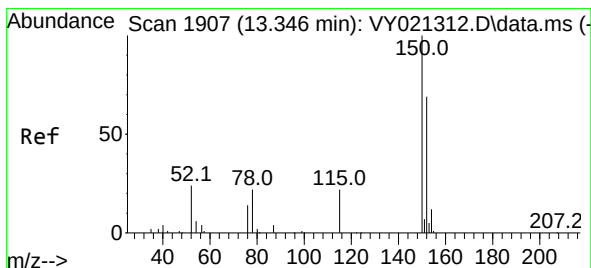
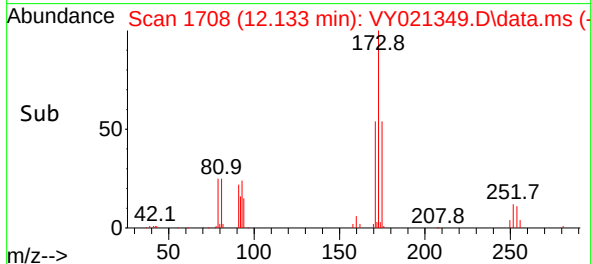
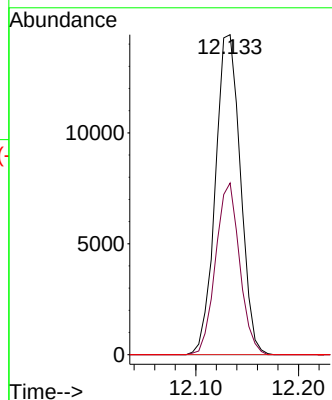
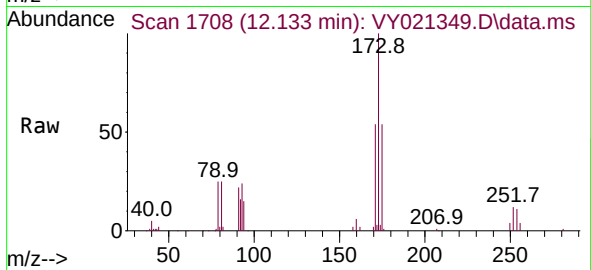




#71
Bromoform
Concen: 19.911 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

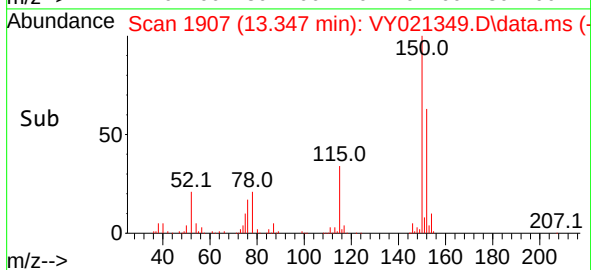
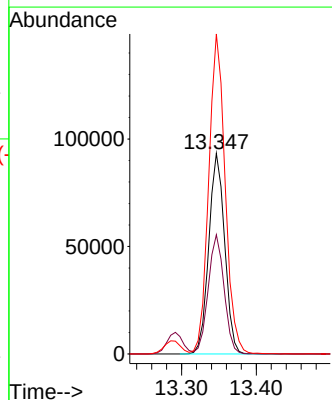
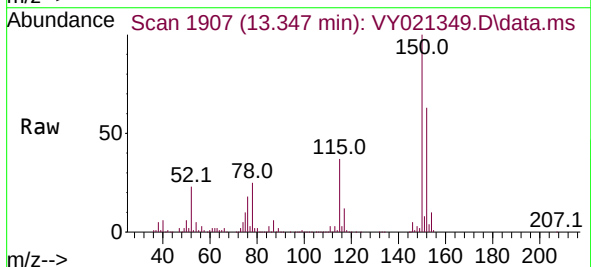
Instrument :
MSVOA_Y
ClientSampleId :

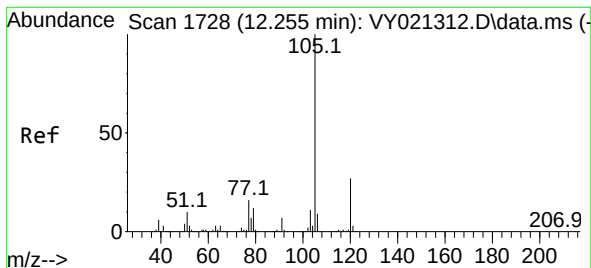
Tgt Ion:173 Resp: 24357
Ion Ratio Lower Upper
173 100
175 51.4 24.1 72.3
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion:152 Resp: 137933
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 164.9 0.0 347.4





#73

Isopropylbenzene

Concen: 19.511 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

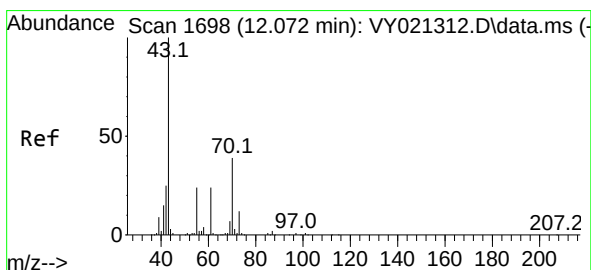
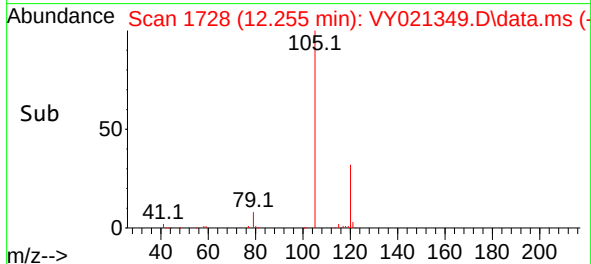
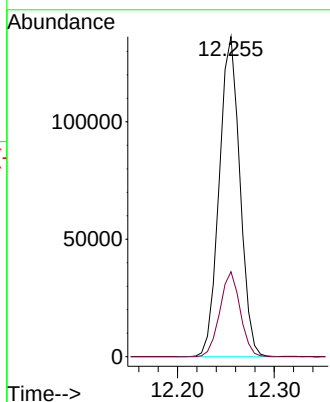
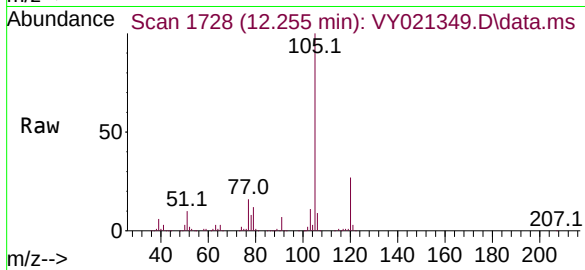
ClientSampleId :

Tgt Ion:105 Resp: 202320

Ion Ratio Lower Upper

105 100

120 26.0 13.3 39.8



#74

N-ethyl acetate

Concen: 19.015 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Tgt Ion: 43 Resp: 50118

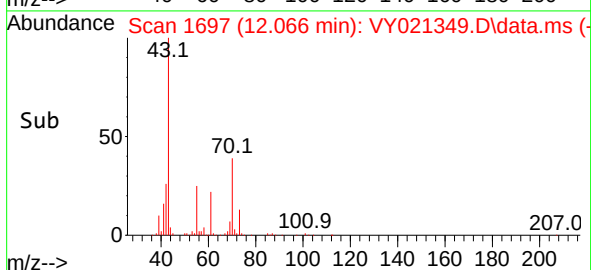
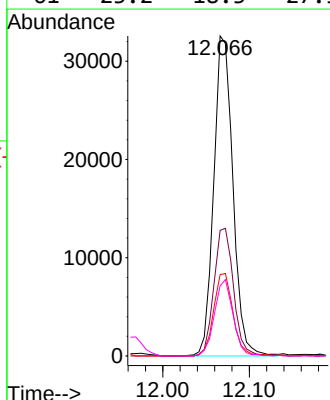
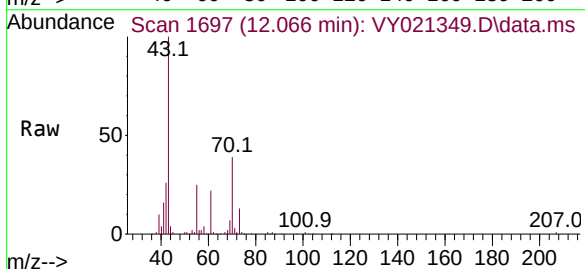
Ion Ratio Lower Upper

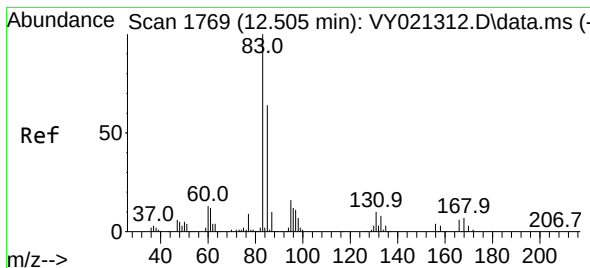
43 100

70 41.0 32.2 48.2

55 26.2 19.6 29.4

61 23.2 18.3 27.5





#75

1,1,2-Tetrachloroethane

Concen: 20.272 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021349.D

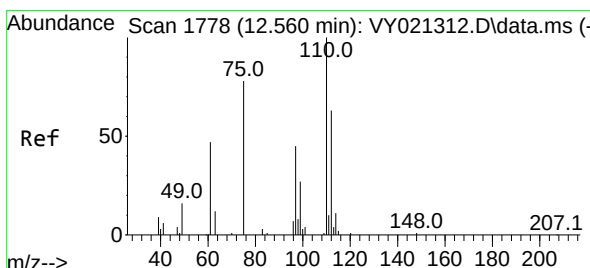
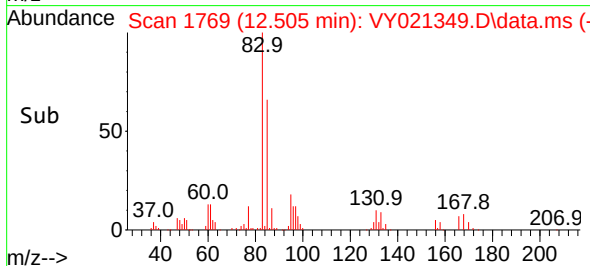
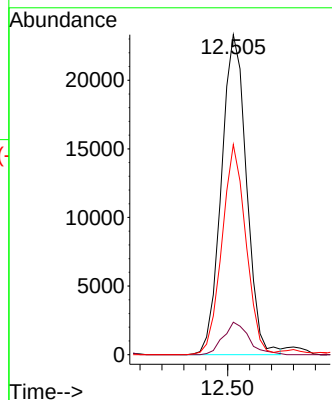
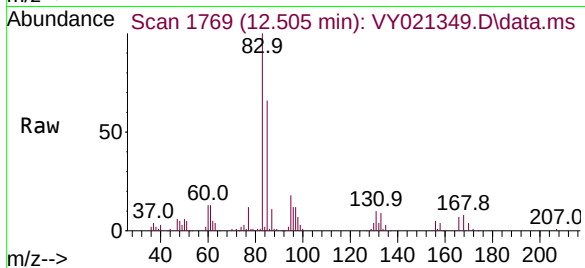
Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	37100
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	62.6	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 33.858 ug/l

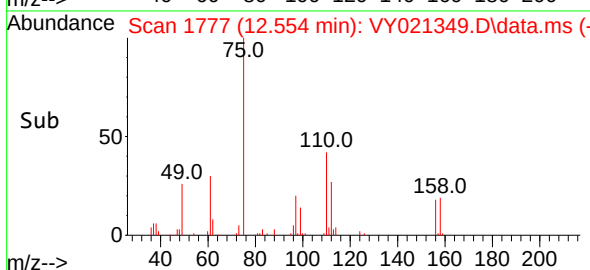
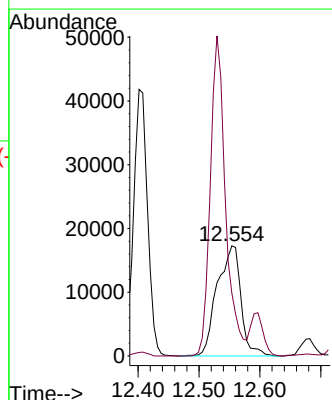
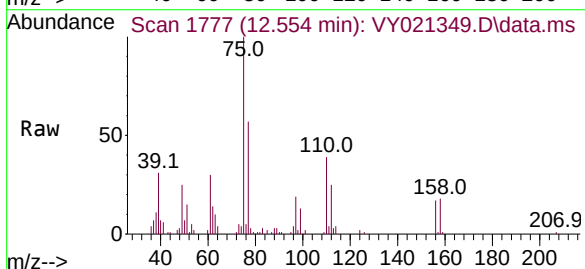
RT: 12.554 min Scan# 1777

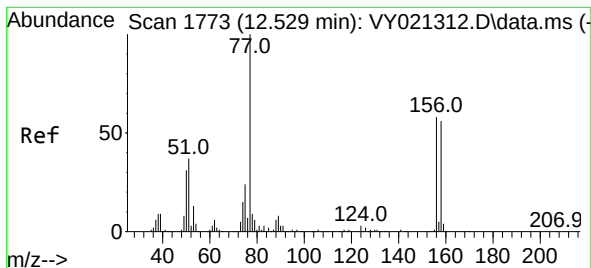
Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Tgt Ion:	75	Resp:	46746
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.474 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

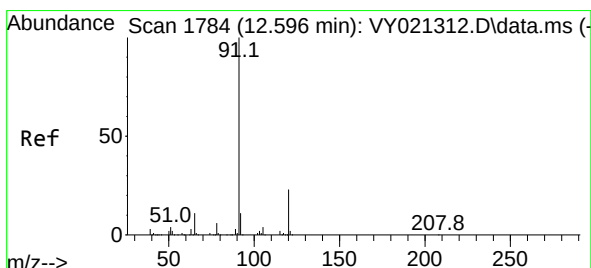
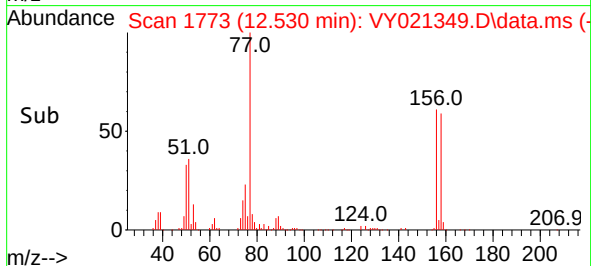
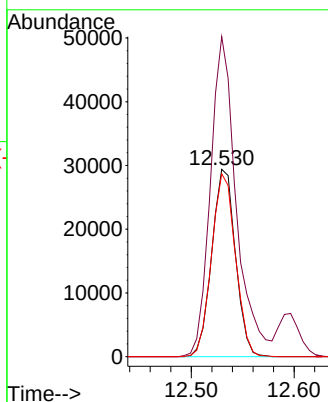
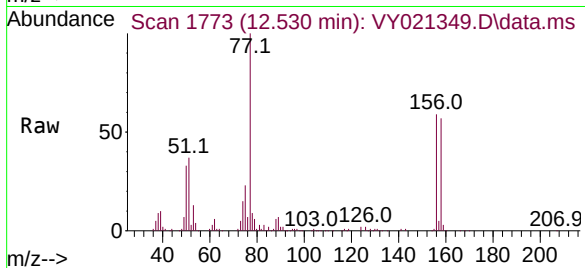
Tgt Ion:156 Resp: 46970

Ion Ratio Lower Upper

156 100

77 187.3 94.0 282.1

158 98.6 48.7 146.1



#78

n-propylbenzene

Concen: 19.398 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021349.D

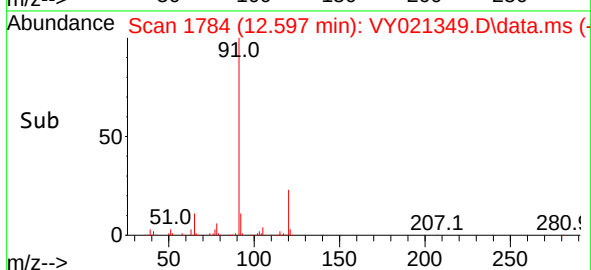
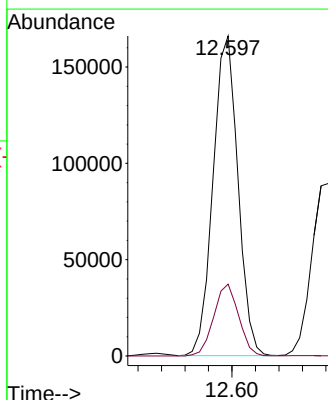
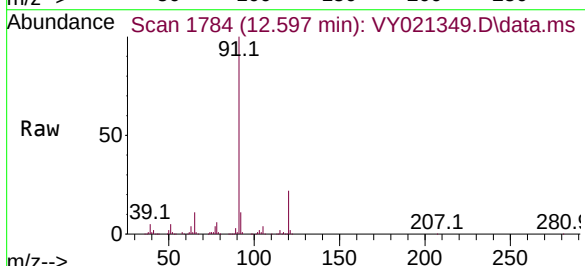
Acq: 27 Feb 2025 11:40

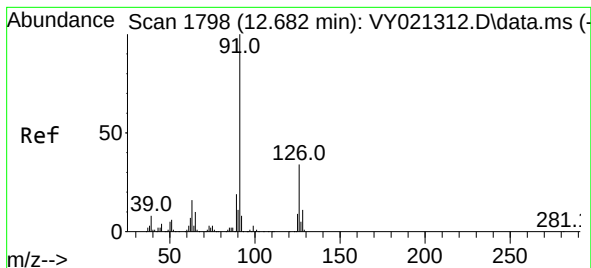
Tgt Ion: 91 Resp: 244088

Ion Ratio Lower Upper

91 100

120 22.5 11.2 33.5

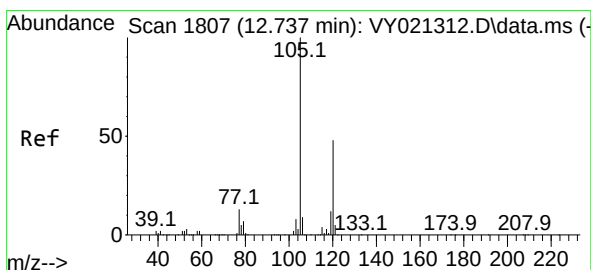
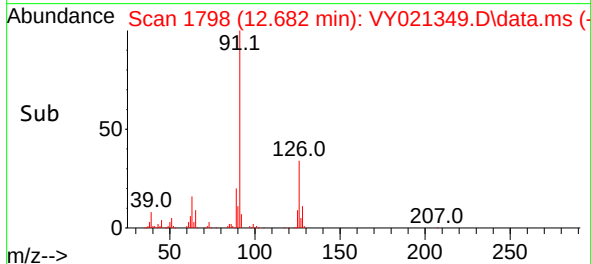
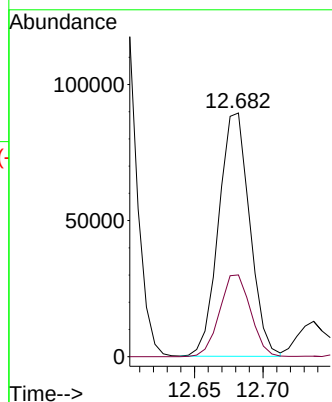
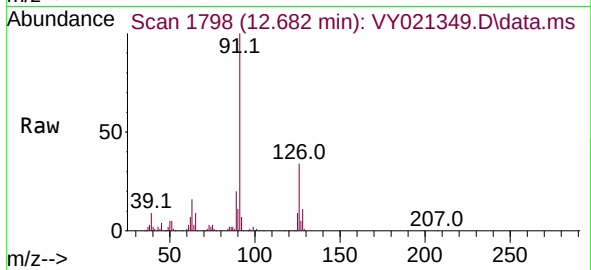




#79
2-Chlorotoluene
Concen: 19.575 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

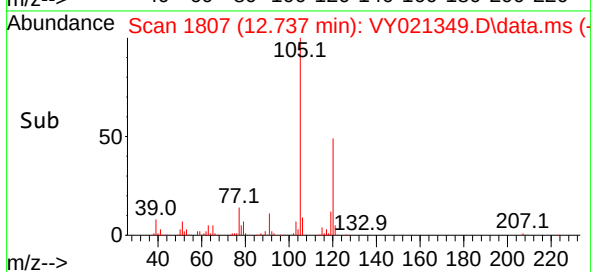
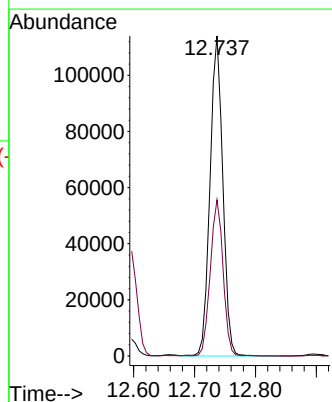
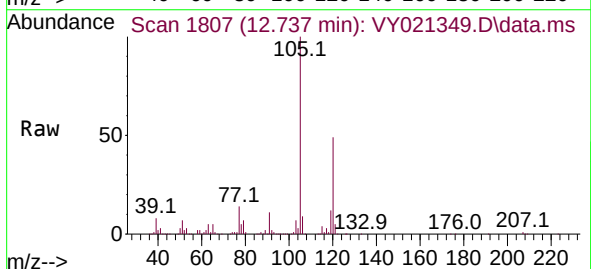
Instrument :
MSVOA_Y
ClientSampleId :

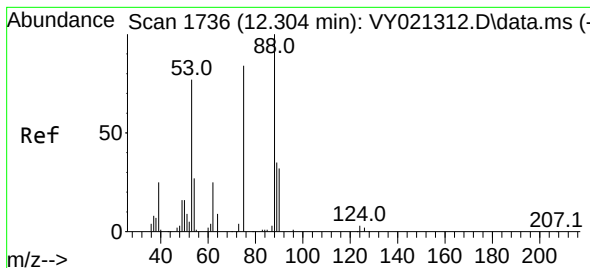
Tgt Ion: 91 Resp: 141363
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 19.529 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 105 Resp: 166093
Ion Ratio Lower Upper
105 100
120 48.8 24.3 73.0

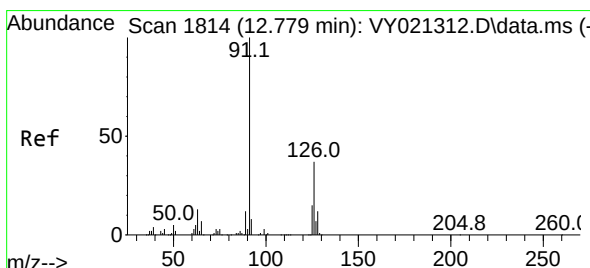
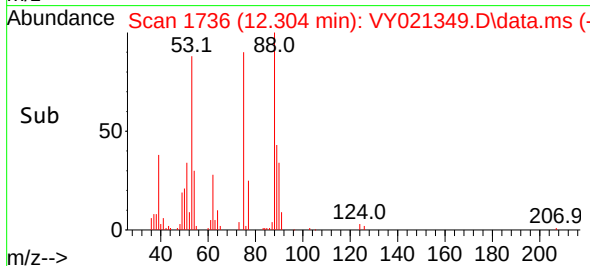
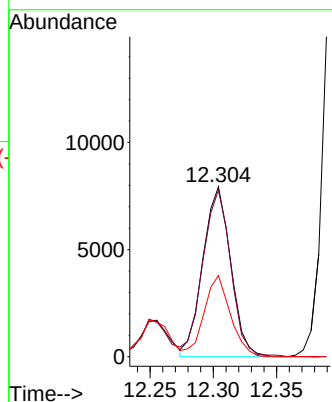
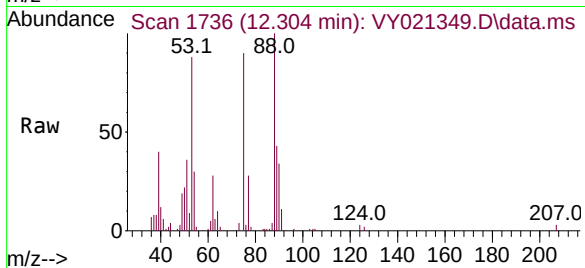




#81
trans-1,4-Dichloro-2-butene
Concen: 19.603 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

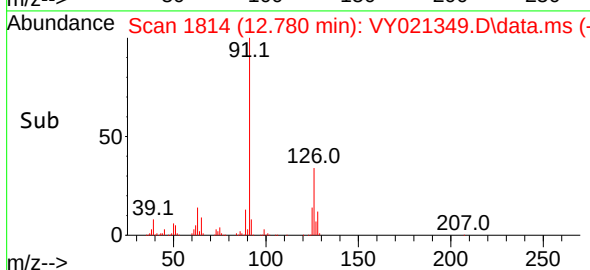
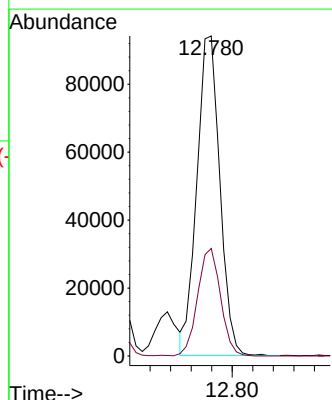
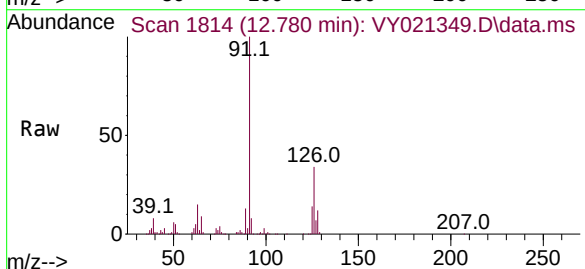
Instrument :
MSVOA_Y
ClientSampleId :

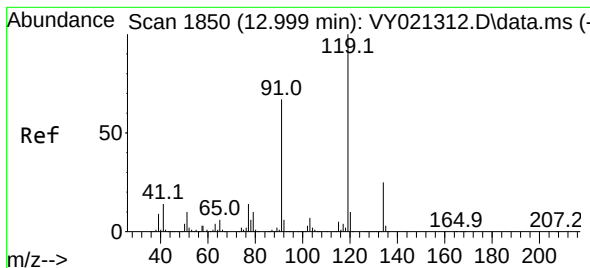
Tgt Ion: 75 Resp: 12177
Ion Ratio Lower Upper
75 100
53 98.3 79.1 118.7
89 45.2 35.6 53.4



#82
4-Chlorotoluene
Concen: 19.536 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion: 91 Resp: 146247
Ion Ratio Lower Upper
91 100
126 33.5 16.8 50.4





#83

tert-Butylbenzene

Concen: 19.615 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

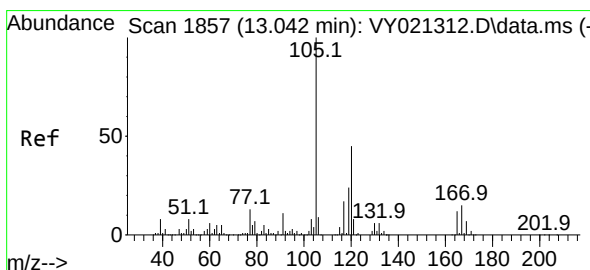
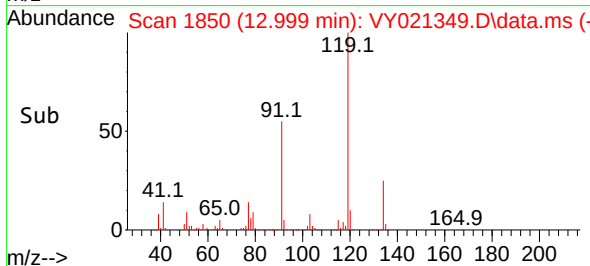
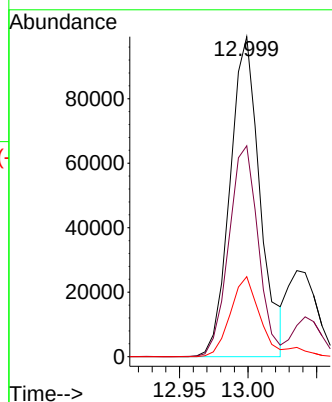
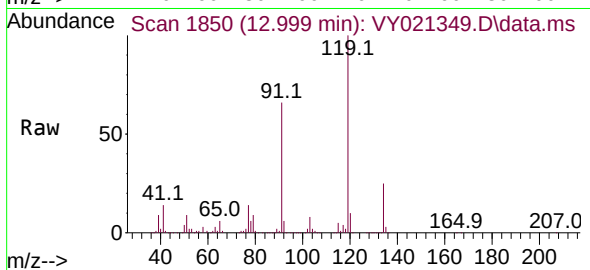
Tgt Ion:119 Resp: 150694

Ion Ratio Lower Upper

119 100

91 64.9 32.7 98.1

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.919 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021349.D

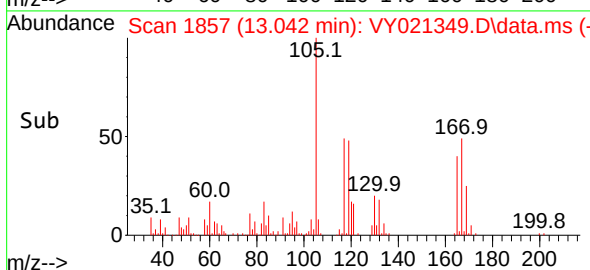
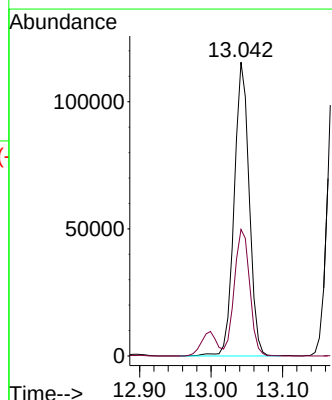
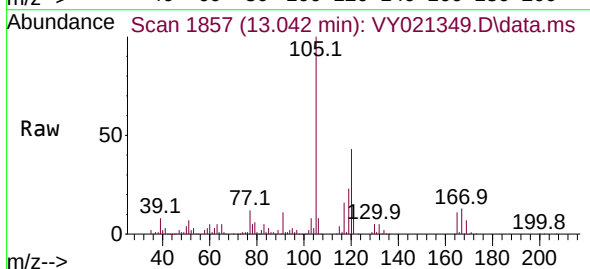
Acq: 27 Feb 2025 11:40

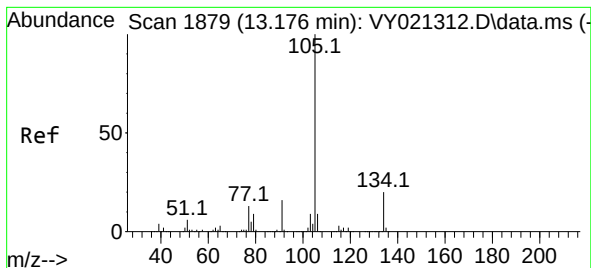
Tgt Ion:105 Resp: 168485

Ion Ratio Lower Upper

105 100

120 44.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.665 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

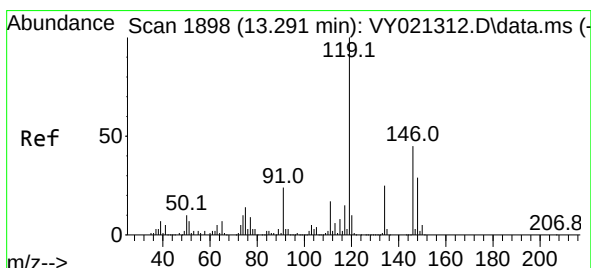
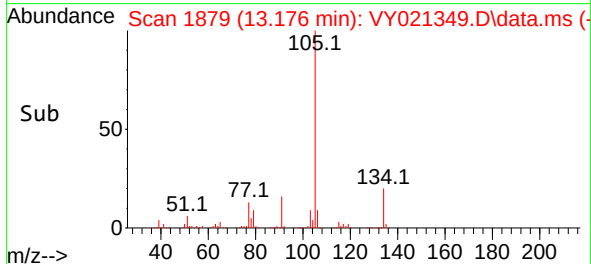
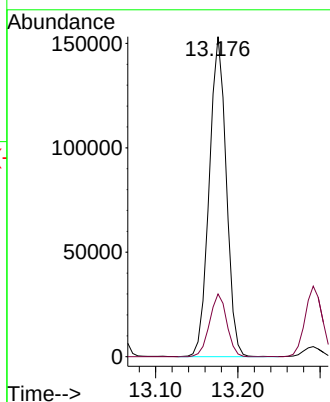
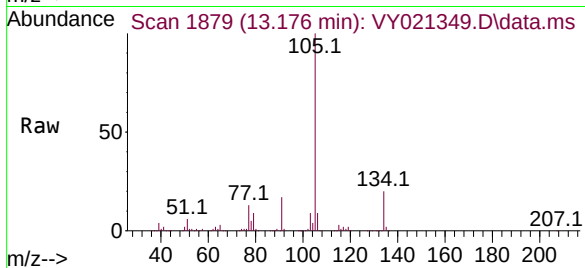
ClientSampleId :

Tgt Ion:105 Resp: 220676

Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0



#86

p-Isopropyltoluene

Concen: 19.528 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

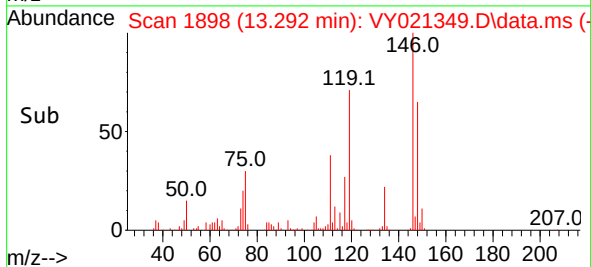
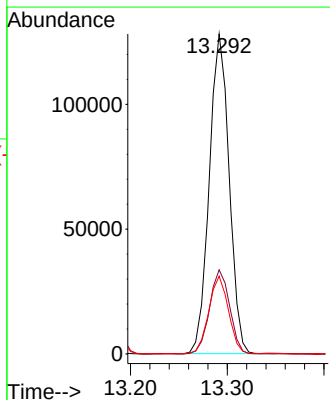
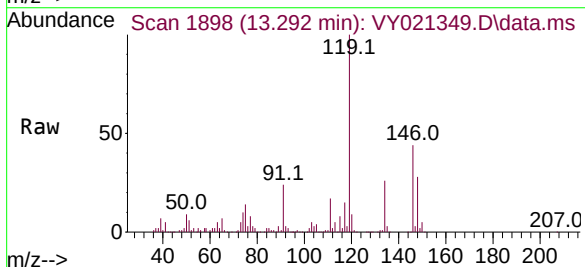
Tgt Ion:119 Resp: 182981

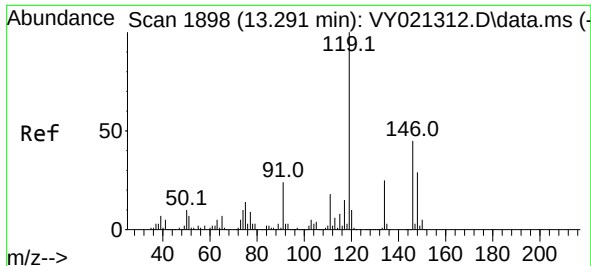
Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 24.1 12.0 36.1

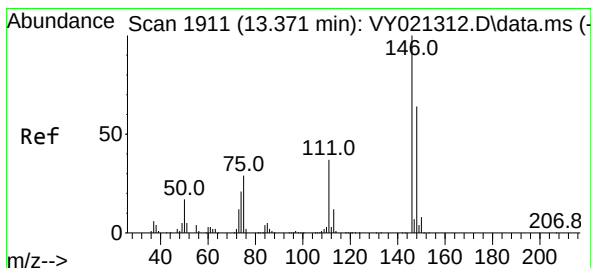
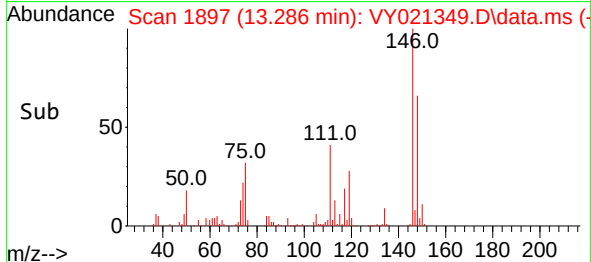
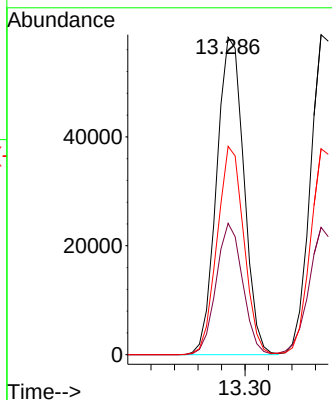
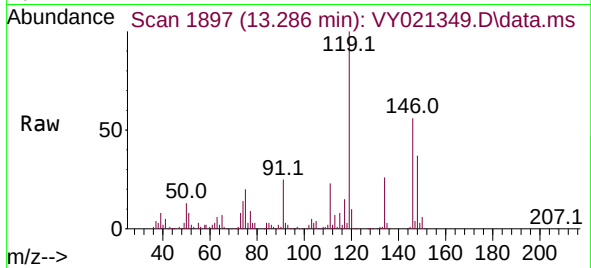




#87
1,3-Dichlorobenzene
Concen: 19.684 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

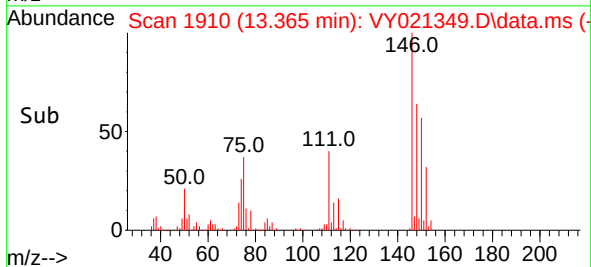
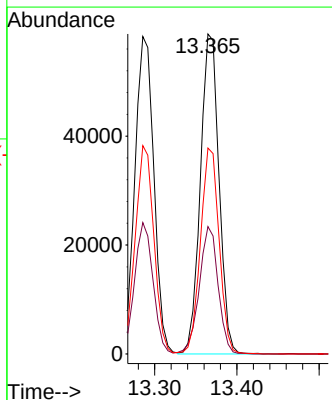
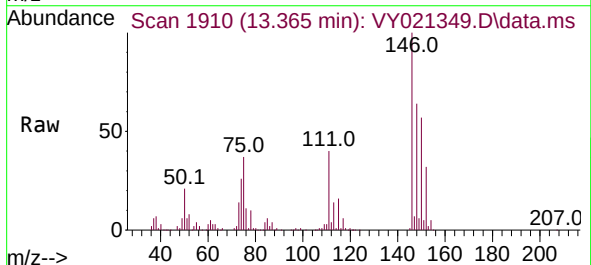
Instrument :
MSVOA_Y
ClientSampleId :

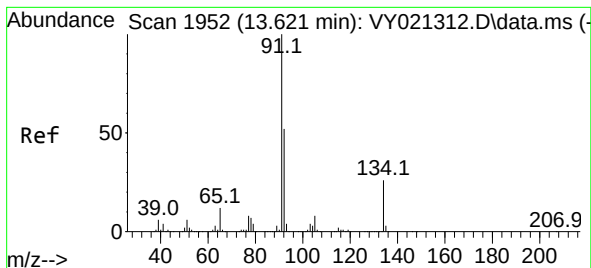
Tgt Ion:146 Resp: 93913
Ion Ratio Lower Upper
146 100
111 40.2 20.0 59.9
148 64.5 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 19.632 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

Tgt Ion:146 Resp: 92534
Ion Ratio Lower Upper
146 100
111 40.4 19.5 58.5
148 64.4 32.0 96.2





#89

n-Butylbenzene

Concen: 19.483 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

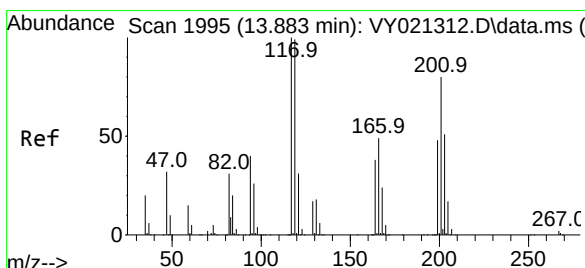
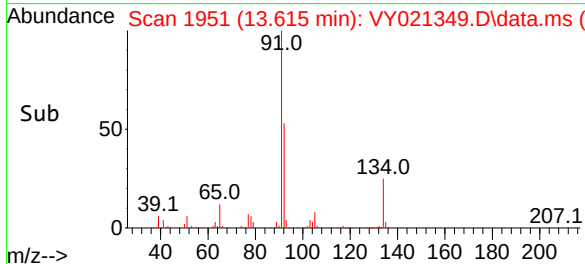
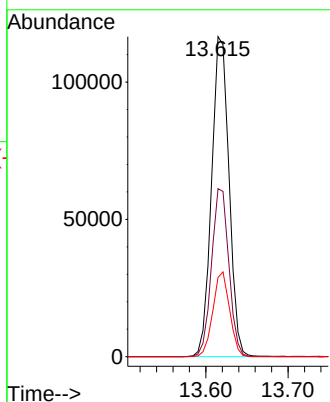
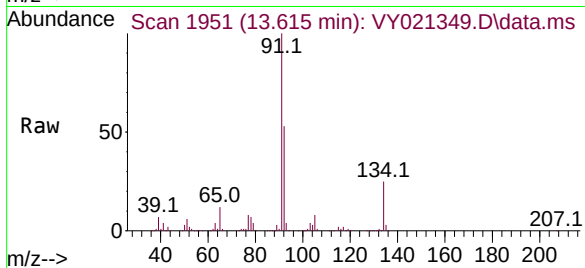
Tgt Ion: 91 Resp: 171802

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 25.4 12.7 38.0



#90

Hexachloroethane

Concen: 19.112 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021349.D

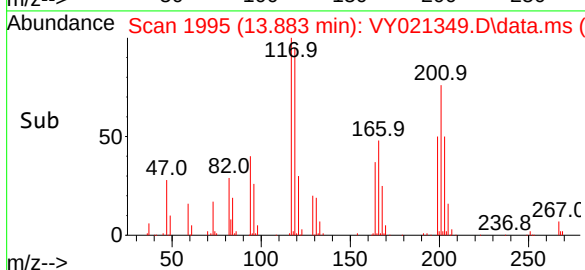
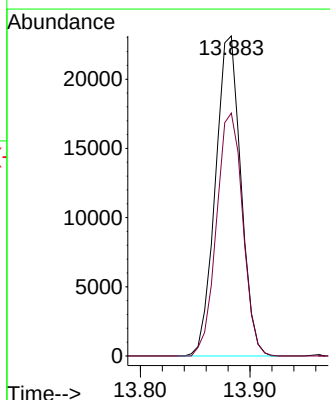
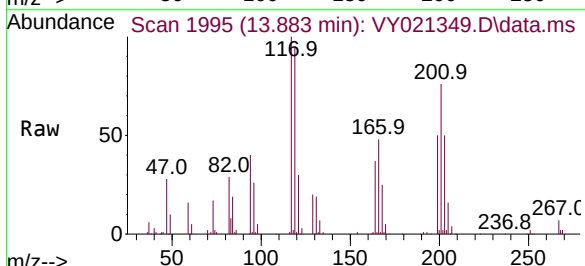
Acq: 27 Feb 2025 11:40

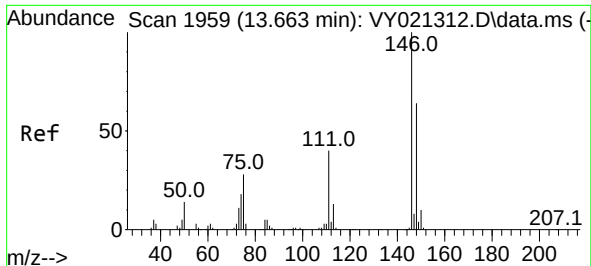
Tgt Ion: 117 Resp: 37407

Ion Ratio Lower Upper

117 100

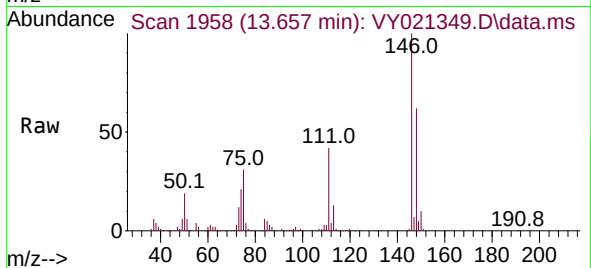
201 78.0 38.4 115.2



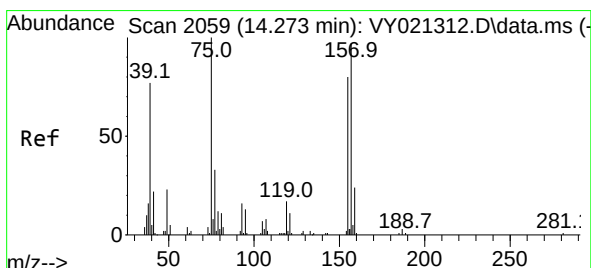
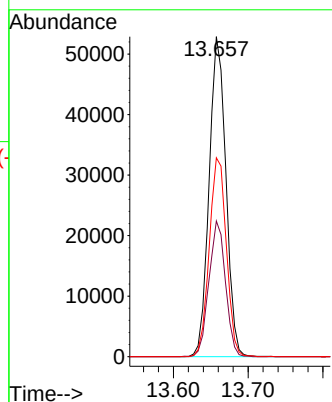
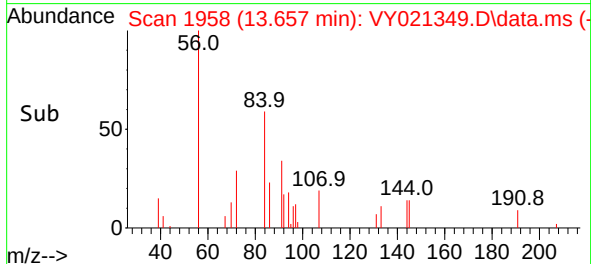


#91
1,2-Dichlorobenzene
Concen: 19.760 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40

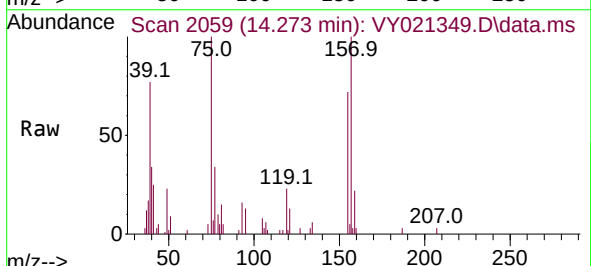
Instrument :
MSVOA_Y
ClientSampleId :



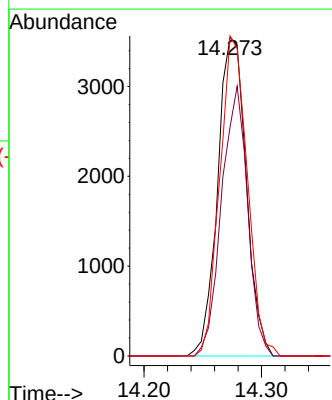
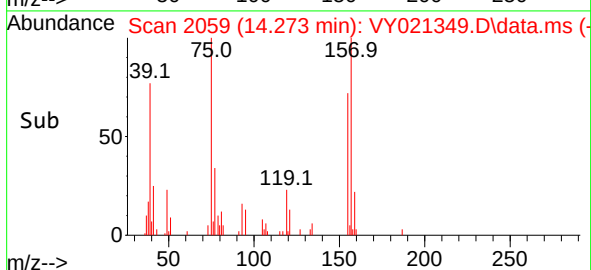
Tgt Ion:146 Resp: 82600
Ion Ratio Lower Upper
146 100
111 41.8 20.7 62.1
148 63.3 31.7 95.1

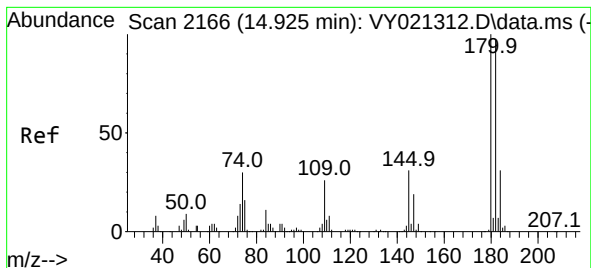


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.694 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021349.D
Acq: 27 Feb 2025 11:40



Tgt Ion: 75 Resp: 5991
Ion Ratio Lower Upper
75 100
155 77.0 41.9 125.6
157 96.7 52.5 157.6





#93

1,2,4-Trichlorobenzene

Concen: 18.978 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

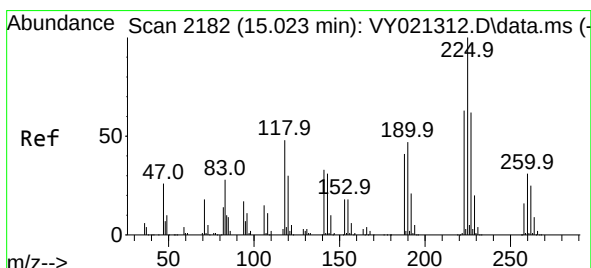
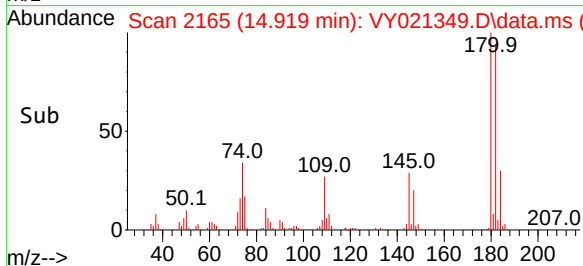
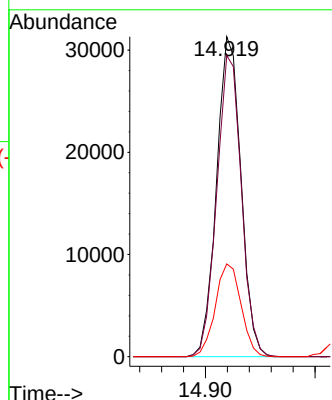
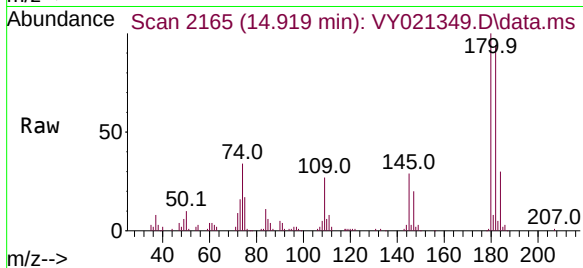
Tgt Ion:180 Resp: 48418

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 30.5 15.6 46.8



#94

Hexachlorobutadiene

Concen: 19.273 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

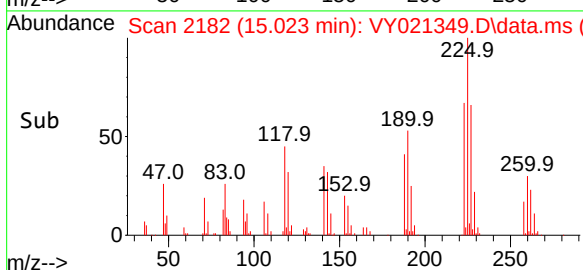
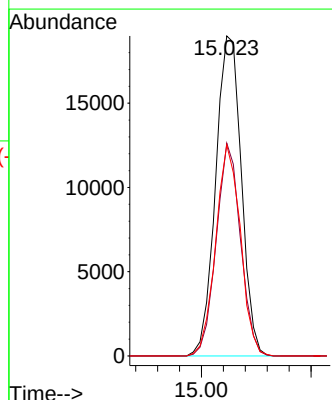
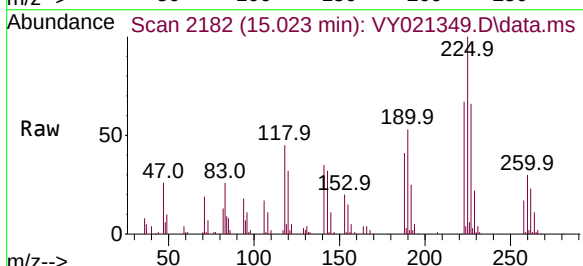
Tgt Ion:225 Resp: 30957

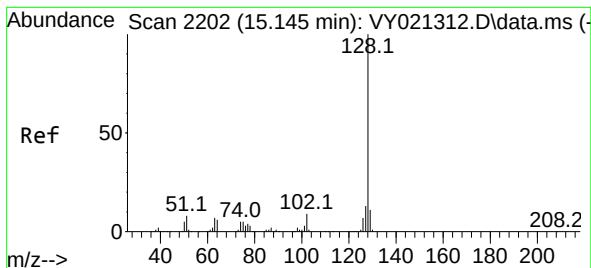
Ion Ratio Lower Upper

225 100

223 62.6 31.8 95.4

227 63.3 31.9 95.7





#95

Naphthalene

Concen: 18.594 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

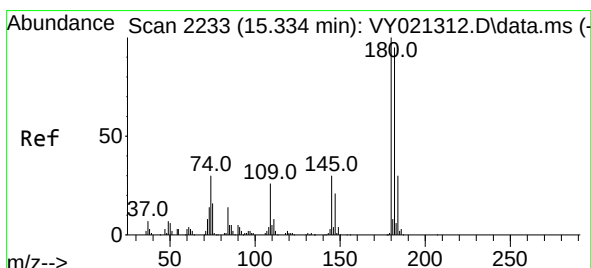
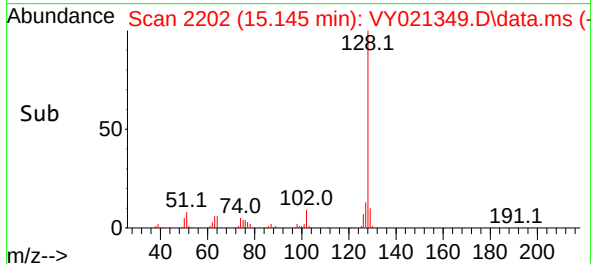
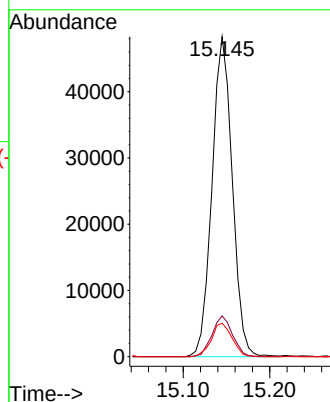
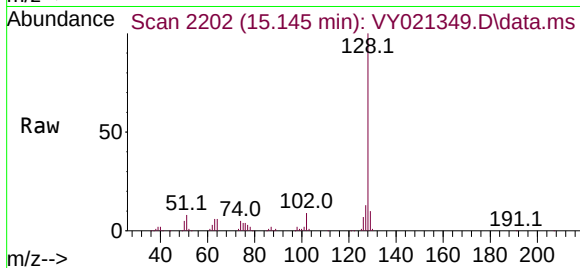
Tgt Ion:128 Resp: 78577

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.042 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY021349.D

Acq: 27 Feb 2025 11:40

Tgt Ion:180 Resp: 41048

Ion Ratio Lower Upper

180 100

182 95.4 48.3 144.9

145 32.4 16.1 48.3

