

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021588.D
 Acq On : 20 Mar 2025 17:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 21 01:35:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	190819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	297813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	268395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143707	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88209	43.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.480%
35) Dibromofluoromethane	7.634	113	86117	43.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.980%
50) Toluene-d8	10.109	98	308897	41.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.360%
62) 4-Bromofluorobenzene	12.408	95	112463	44.606	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	71709	40.951	ug/l	98
3) Chloromethane	2.068	50	109493	44.351	ug/l	99
4) Vinyl Chloride	2.202	62	126718	46.969	ug/l	98
5) Bromomethane	2.592	94	84797	43.488	ug/l	95
6) Chloroethane	2.732	64	93489	52.437	ug/l	96
7) Trichlorofluoromethane	3.056	101	175707	46.660	ug/l	97
8) Diethyl Ether	3.452	74	51176	49.039	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	101390	47.159	ug/l	98
10) Methyl Iodide	4.000	142	110442	50.535	ug/l	99
11) Tert butyl alcohol	4.854	59	30381	229.871	ug/l	99
12) 1,1-Dichloroethene	3.787	96	89605	45.714	ug/l	96
13) Acrolein	3.653	56	2708	26.398	ug/l	91
14) Allyl chloride	4.378	41	150731	47.584	ug/l	99
15) Acrylonitrile	5.055	53	113465	255.416	ug/l	98
16) Acetone	3.866	43	94946	215.840	ug/l	97
17) Carbon Disulfide	4.104	76	260159	42.351	ug/l	96
18) Methyl Acetate	4.385	43	63699	65.263	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	249565	50.234	ug/l	99
20) Methylene Chloride	4.616	84	108136	46.831	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	104333	47.528	ug/l	97
22) Diisopropyl ether	6.012	45	343033	50.249	ug/l	99
23) Vinyl Acetate	5.957	43	938318	240.843	ug/l	99
24) 1,1-Dichloroethane	5.915	63	197639	49.054	ug/l	99
25) 2-Butanone	6.890	43	145915	239.794	ug/l	100
26) 2,2-Dichloropropane	6.884	77	172572	46.551	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	122861	49.267	ug/l	98
28) Bromochloromethane	7.244	49	86263	51.069	ug/l	100
29) Tetrahydrofuran	7.256	42	95519	254.270	ug/l	100
30) Chloroform	7.421	83	210145	50.229	ug/l	98
31) Cyclohexane	7.701	56	160799	42.570	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	185017	48.298	ug/l	100
36) 1,1-Dichloropropene	7.835	75	143178	46.726	ug/l	99
37) Ethyl Acetate	6.982	43	66308	48.960	ug/l	99
38) Carbon Tetrachloride	7.817	117	164827	46.772	ug/l	97
39) Methylcyclohexane	9.109	83	171554	45.643	ug/l	98
40) Benzene	8.079	78	433987	48.079	ug/l	99

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 MSVOA_Y
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	35572	48.237	ug/l #	93
42) 1,2-Dichloroethane	8.158	62	124383	49.257	ug/l	100
43) Isopropyl Acetate	8.195	43	130824	49.760	ug/l #	88
44) Trichloroethene	8.865	130	111784	49.007	ug/l	96
45) 1,2-Dichloropropane	9.140	63	106032	49.356	ug/l	97
46) Dibromomethane	9.231	93	60534	50.642	ug/l	100
47) Bromodichloromethane	9.420	83	161858	50.988	ug/l	99
48) Methyl methacrylate	9.219	41	62965	52.155	ug/l	98
49) 1,4-Dioxane	9.231	88	12665	1079.467	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	347852	256.426	ug/l	100
52) Toluene	10.170	92	285465	50.162	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	141913	50.742	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	165489	49.839	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	80375	51.403	ug/l	98
56) Ethyl methacrylate	10.438	69	103153	51.727	ug/l	99
57) 1,3-Dichloropropane	10.719	76	138228	51.006	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	226088	245.599	ug/l	99
59) 2-Hexanone	10.761	43	229181	255.504	ug/l	100
60) Dibromochloromethane	10.908	129	112333	52.403	ug/l	97
61) 1,2-Dibromoethane	11.011	107	74614	50.561	ug/l	98
64) Tetrachloroethene	10.646	164	117813	53.981	ug/l	98
65) Chlorobenzene	11.438	112	304454	48.036	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	109761	48.983	ug/l	99
67) Ethyl Benzene	11.517	91	535289	48.118	ug/l	100
68) m/p-Xylenes	11.627	106	413177	97.830	ug/l	99
69) o-Xylene	11.956	106	193264	49.651	ug/l	100
70) Styrene	11.969	104	329928	51.093	ug/l	99
71) Bromoform	12.133	173	64343	51.366	ug/l #	100
73) Isopropylbenzene	12.255	105	514723	45.469	ug/l	100
74) N-amyl acetate	12.072	43	112203	45.640	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	89764	44.935	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	117885	81.406	ug/l #	100
77) Bromobenzene	12.529	156	119708	45.201	ug/l	99
78) n-propylbenzene	12.597	91	628536	45.718	ug/l	100
79) 2-Chlorotoluene	12.682	91	359245	45.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	425903	46.296	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	27778	43.607	ug/l	97
82) 4-Chlorotoluene	12.779	91	372126	45.714	ug/l	100
83) tert-Butylbenzene	12.999	119	384753	46.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	429520	47.025	ug/l	99
85) sec-Butylbenzene	13.176	105	569045	46.603	ug/l	99
86) p-Isopropyltoluene	13.291	119	472407	46.961	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	239857	45.499	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	237373	46.042	ug/l	99
89) n-Butylbenzene	13.615	91	439119	47.273	ug/l	99
90) Hexachloroethane	13.883	117	98507	45.902	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	210653	46.622	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13636	45.569	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	119190	48.296	ug/l	98
94) Hexachlorobutadiene	15.023	225	76201	49.258	ug/l	99
95) Naphthalene	15.145	128	196431	47.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	101132	48.724	ug/l	99

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MSVOA_Y
ClientSampleId :
VSTDCCC050EC

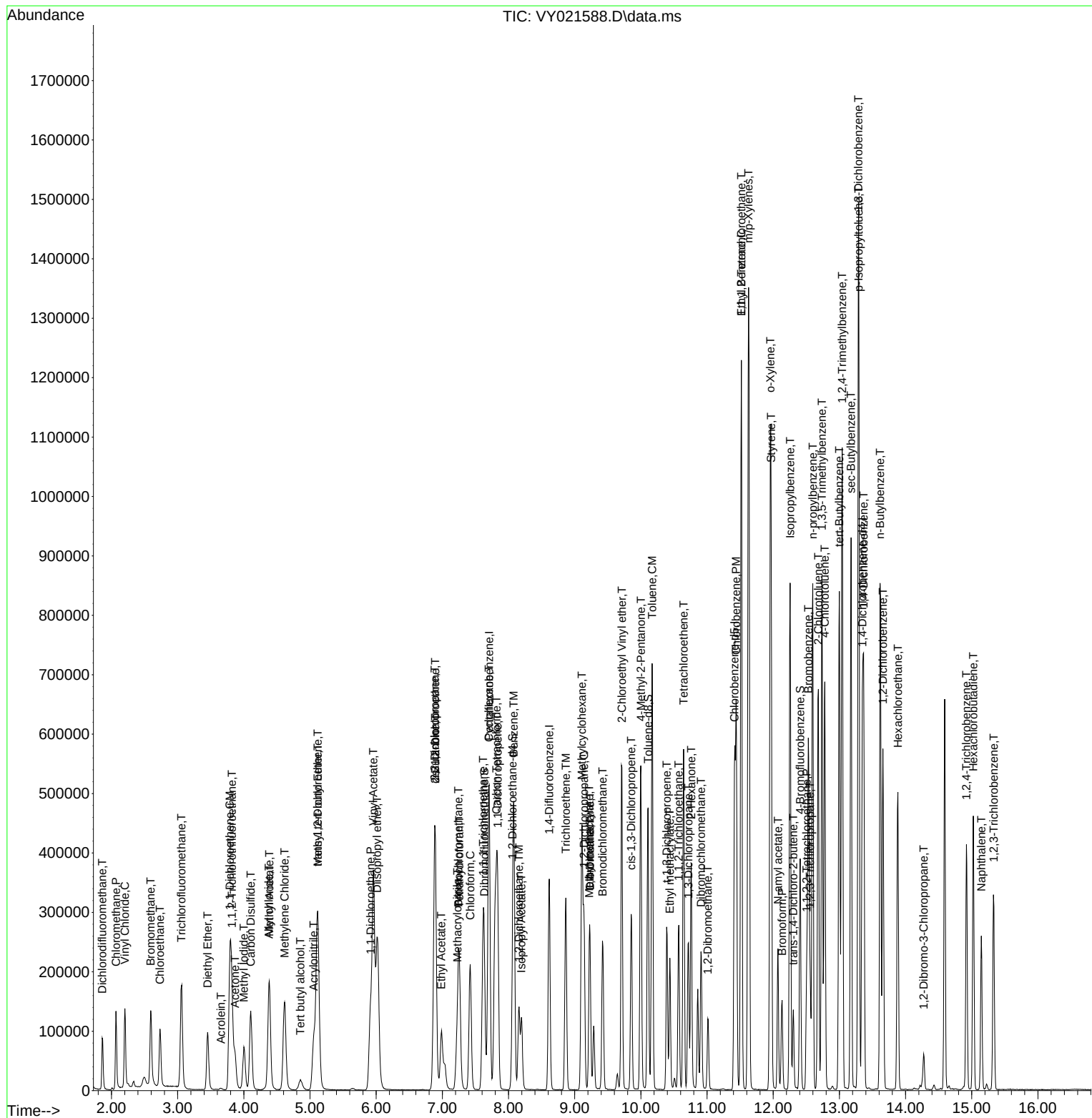
Quant Time: Mar 21 01:35:20 2025
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Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
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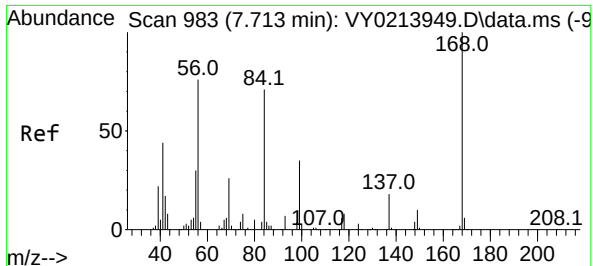
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
ClientSampleId :
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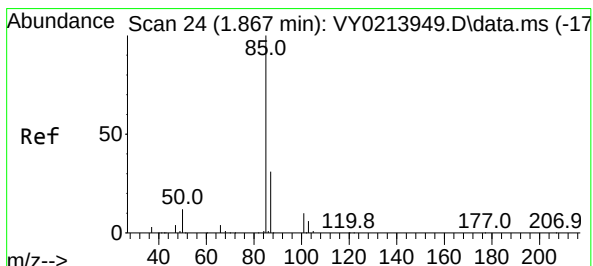
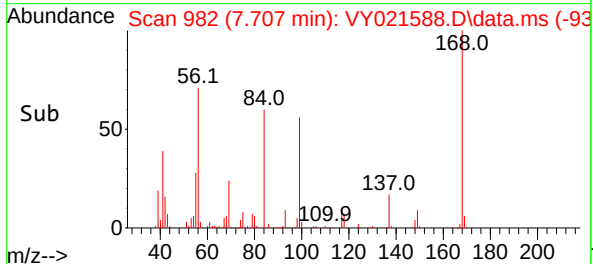
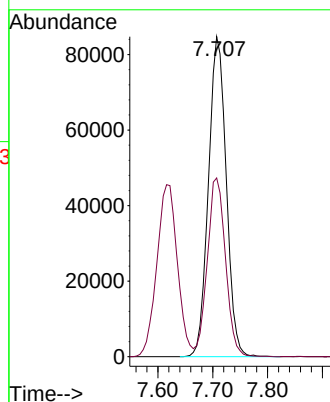
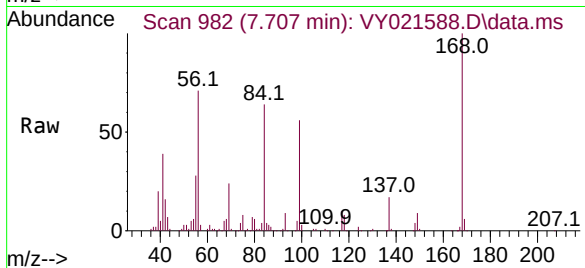




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021588.D
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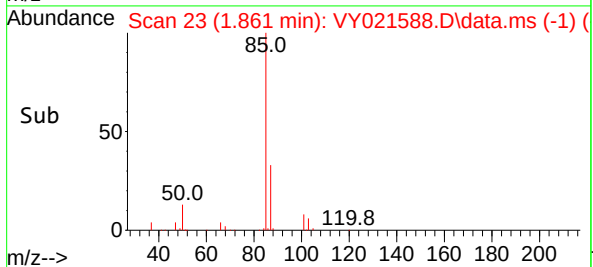
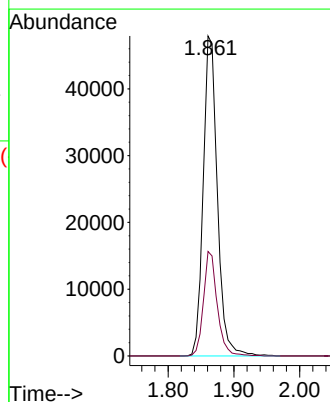
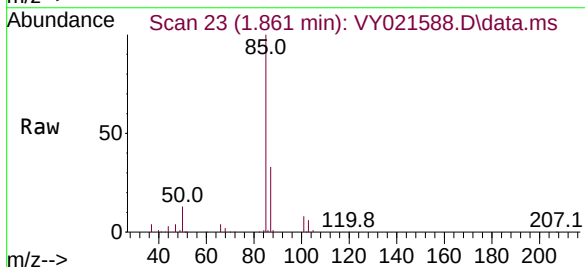
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

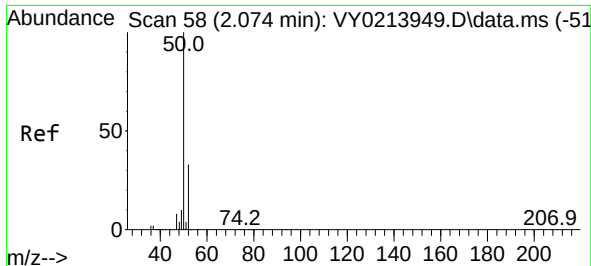
Tgt Ion:168 Resp: 190819
Ion Ratio Lower Upper
168 100
99 55.8 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 40.951 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 85 Resp: 71709
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0

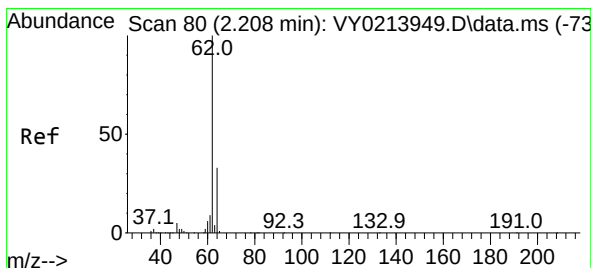
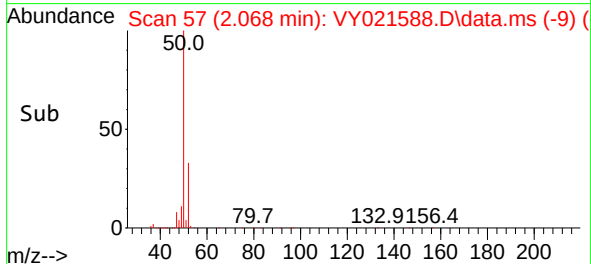
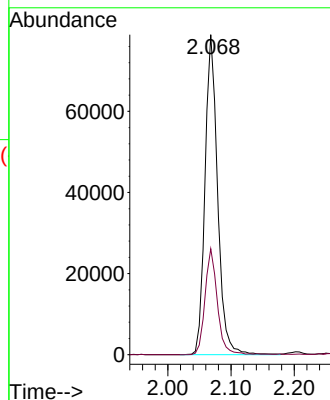
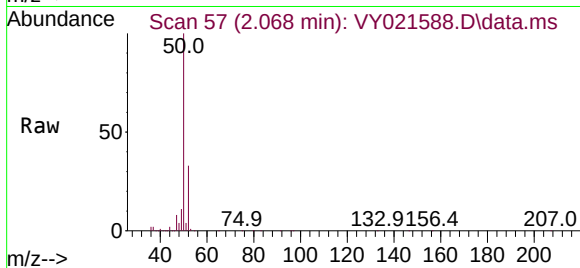




#3
Chloromethane
Concen: 44.351 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

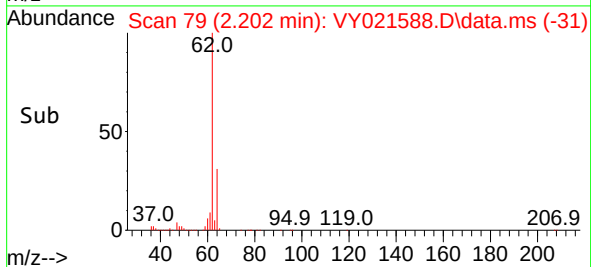
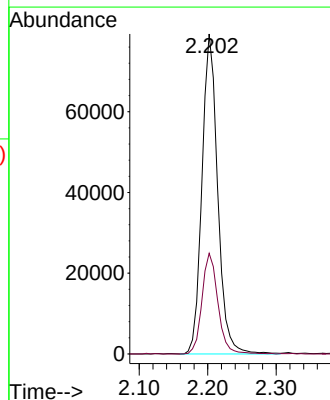
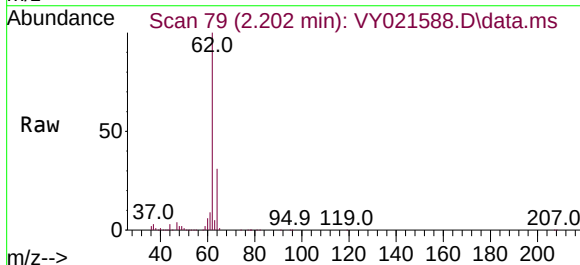
Instrument :
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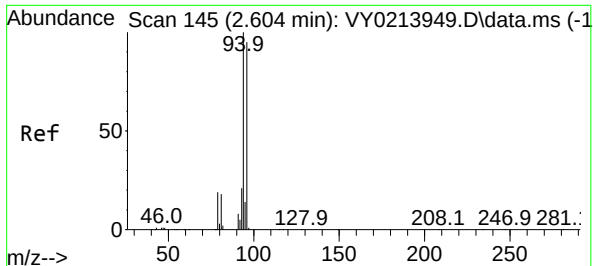
Tgt Ion: 50 Resp: 109493
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 46.969 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 62 Resp: 126718
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2

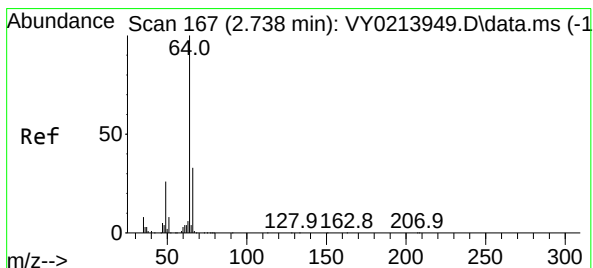
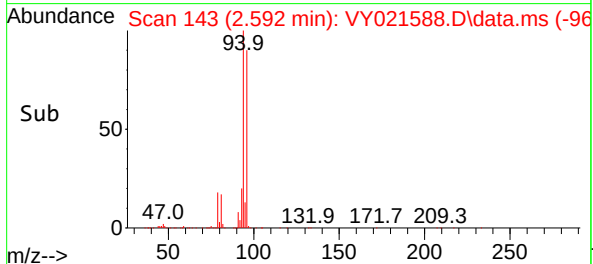
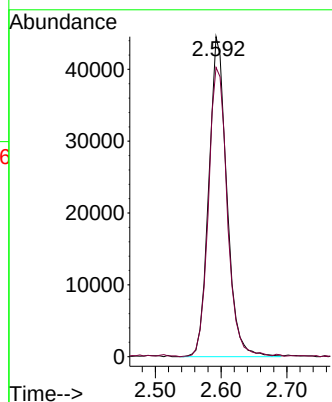
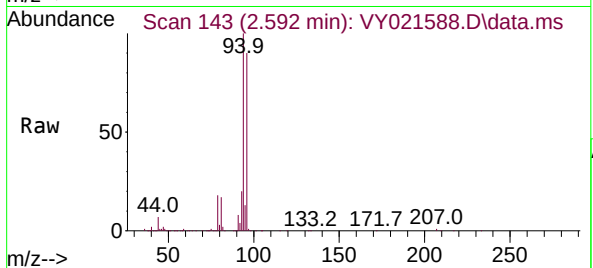




#5
Bromomethane
Concen: 43.488 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

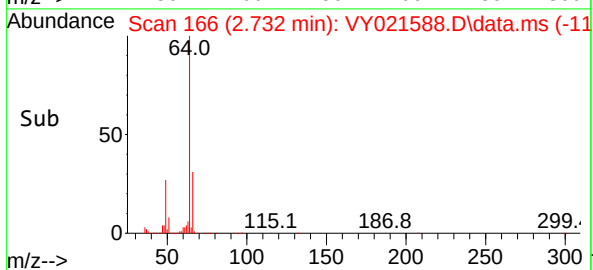
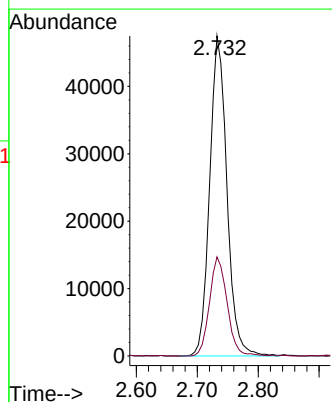
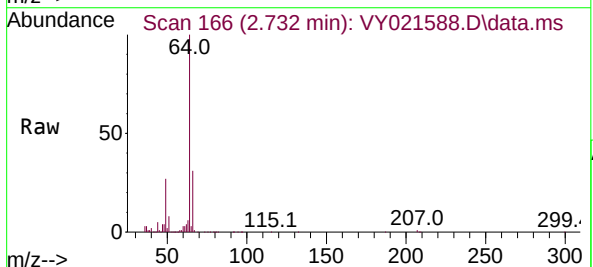
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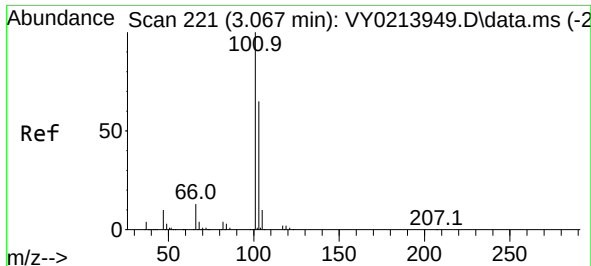
Tgt Ion: 94 Resp: 84797
Ion Ratio Lower Upper
94 100
96 90.4 76.3 114.5



#6
Chloroethane
Concen: 52.437 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 64 Resp: 93489
Ion Ratio Lower Upper
64 100
66 30.9 26.7 40.1

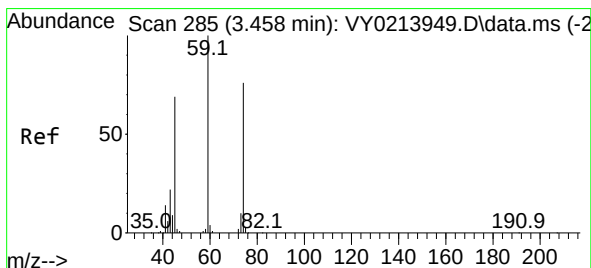
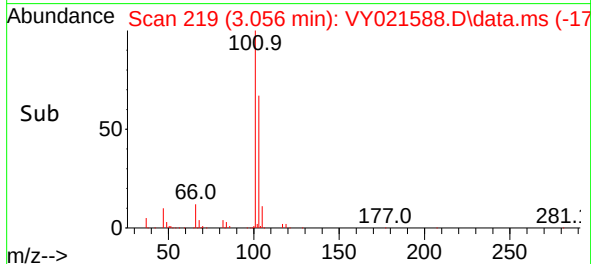
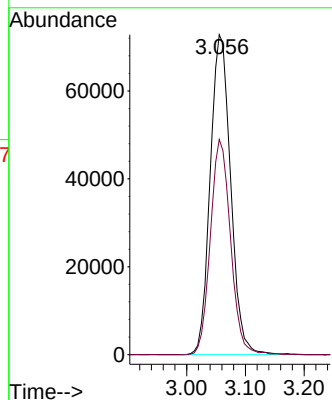
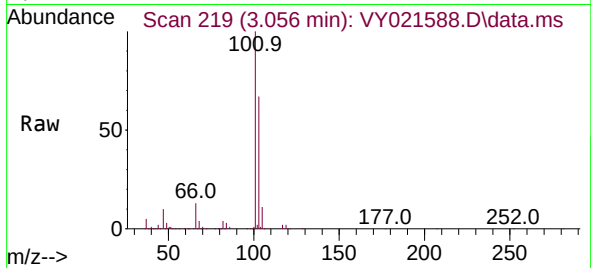




#7
 Trichlorofluoromethane
 Concen: 46.660 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

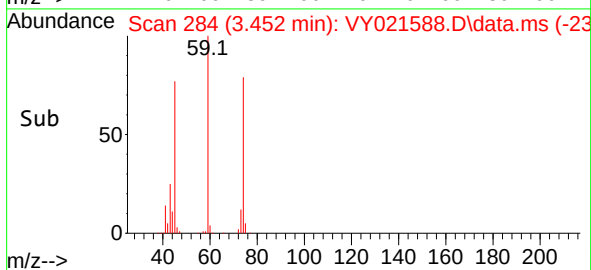
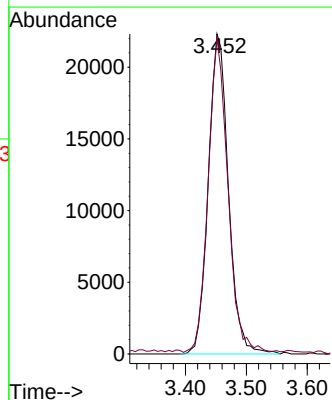
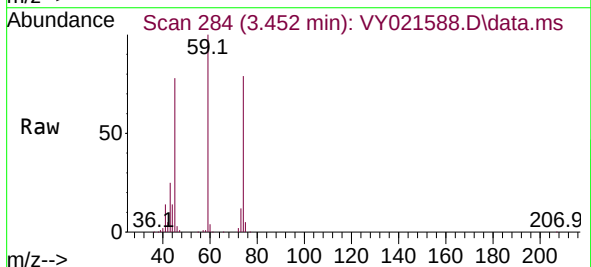
Instrument :
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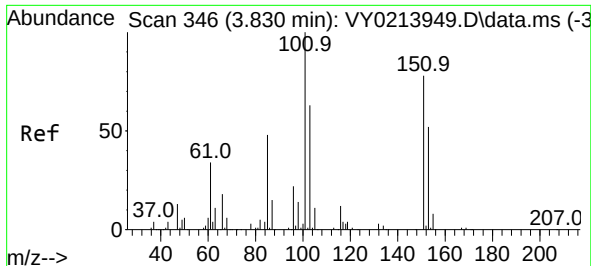
Tgt Ion:101 Resp: 175707
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.7 77.5



#8
 Diethyl Ether
 Concen: 49.039 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion: 74 Resp: 51176
 Ion Ratio Lower Upper
 74 100
 45 96.1 49.7 149.1

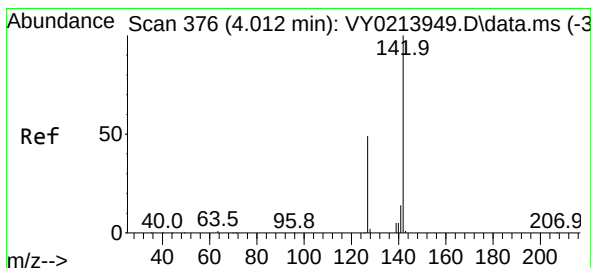
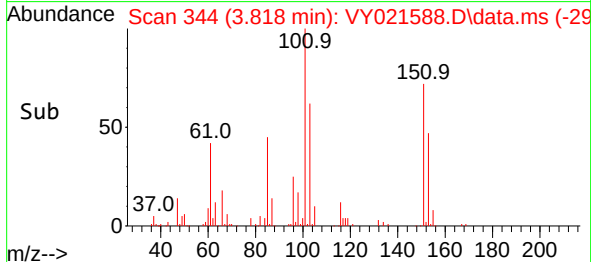
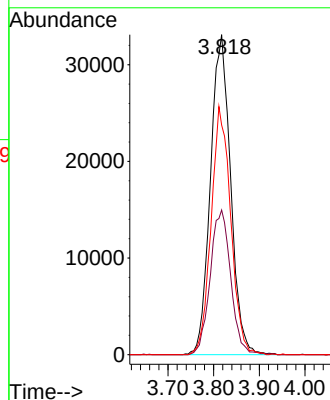
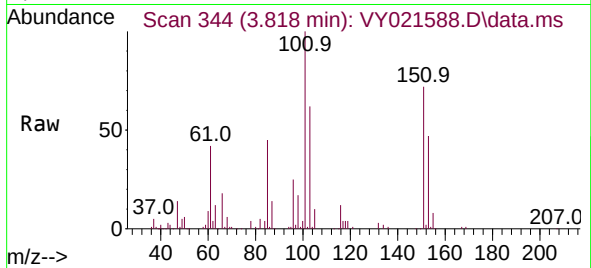




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.159 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

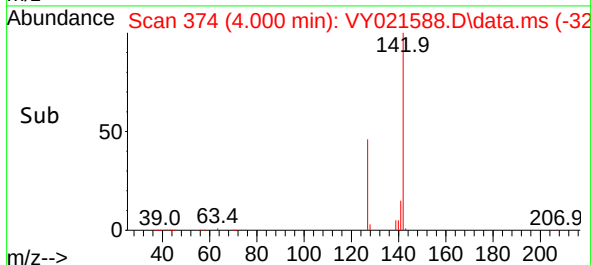
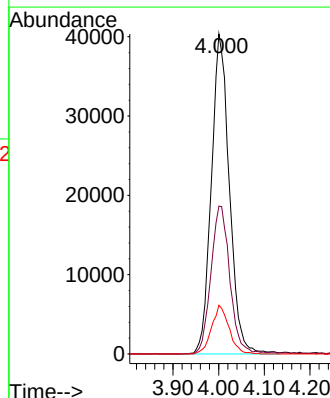
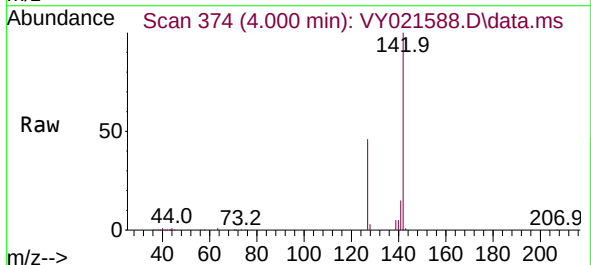
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

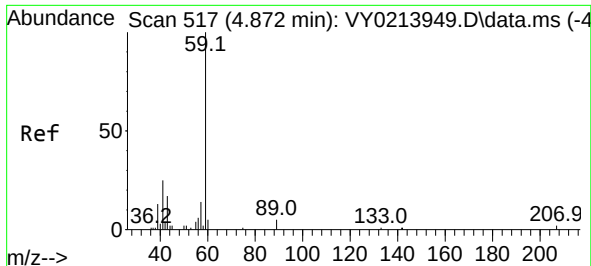
Tgt Ion:101 Resp: 101390
Ion Ratio Lower Upper
101 100
85 46.1 37.1 55.7
151 75.6 62.1 93.1



#10
Methyl Iodide
Concen: 50.535 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:142 Resp: 110442
Ion Ratio Lower Upper
142 100
127 48.5 39.1 58.7
141 14.7 11.8 17.6





#11

Tert butyl alcohol

Concen: 229.871 ug/l

RT: 4.854 min Scan# 517

Delta R.T. -0.018 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

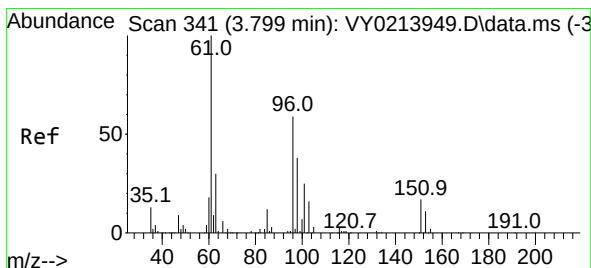
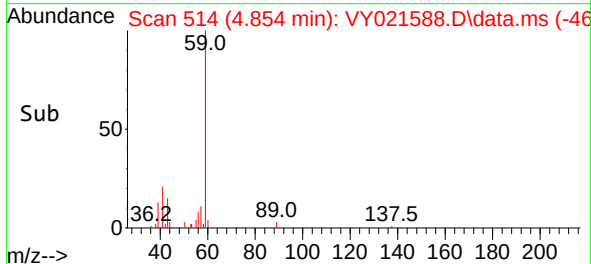
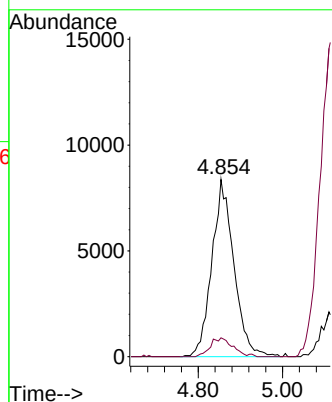
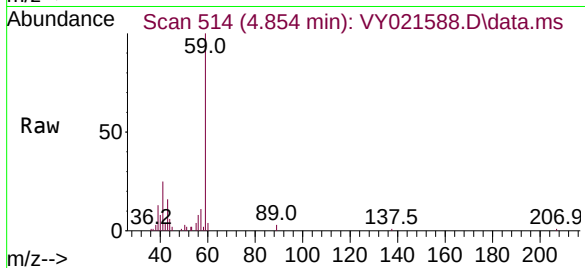
VSTDCCC050EC

Tgt Ion: 59 Resp: 30381

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



#12

1,1-Dichloroethene

Concen: 45.714 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

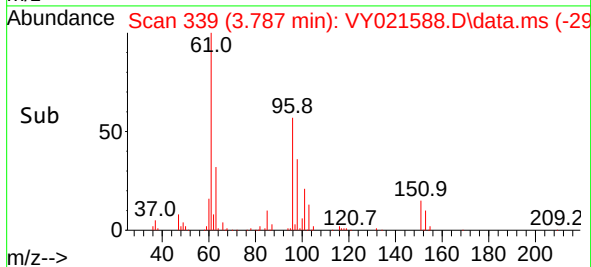
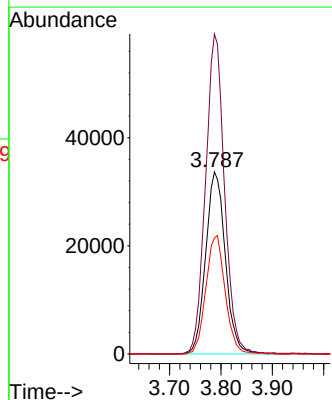
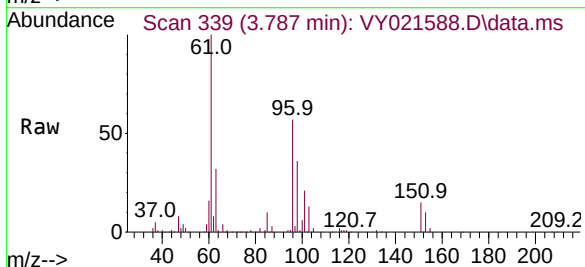
Tgt Ion: 96 Resp: 89605

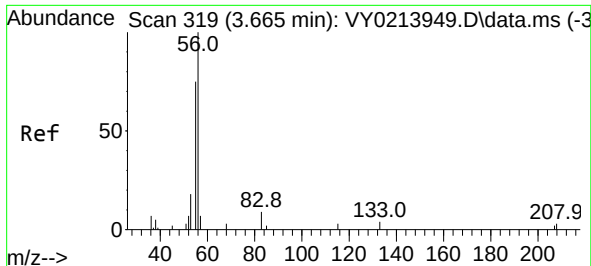
Ion Ratio Lower Upper

96 100

61 175.6 135.2 202.8

98 63.7 51.4 77.2

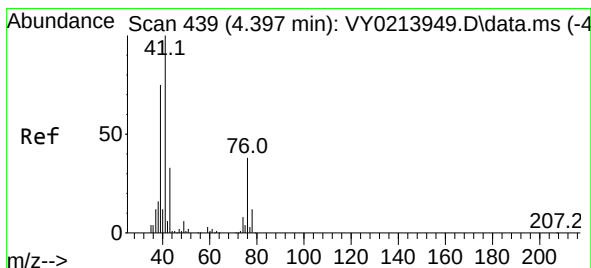
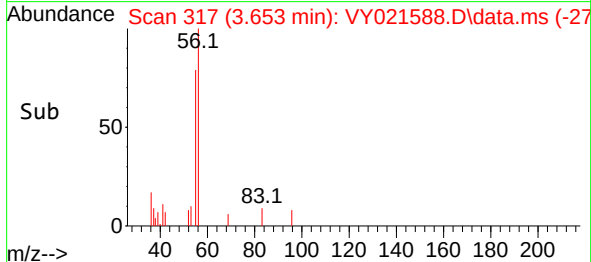
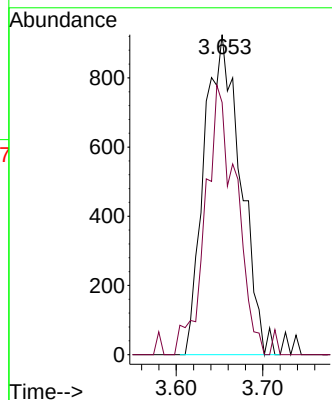
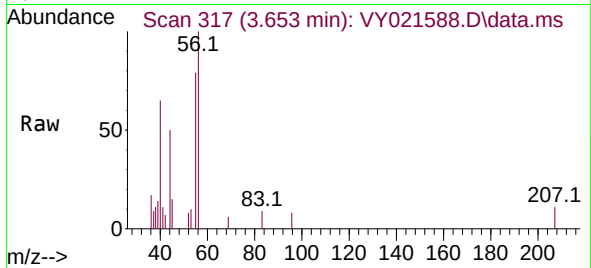




#13
Acrolein
Concen: 26.398 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.012 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

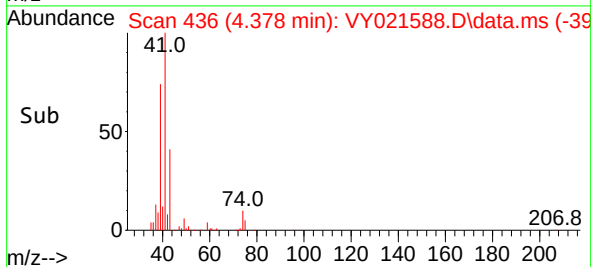
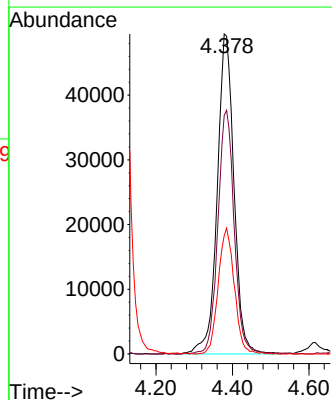
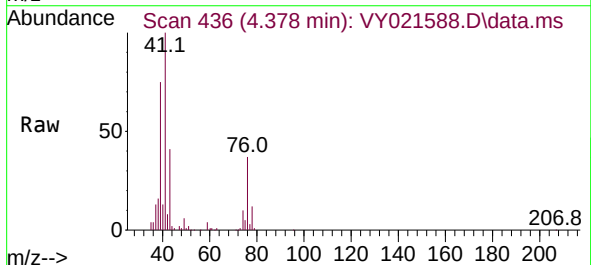
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

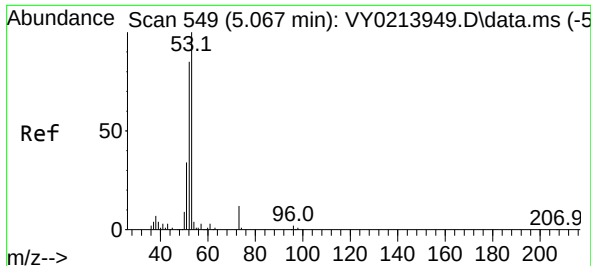
Tgt Ion: 56 Resp: 2708
Ion Ratio Lower Upper
56 100
55 71.4 63.4 95.2



#14
Allyl chloride
Concen: 47.584 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 41 Resp: 150731
Ion Ratio Lower Upper
41 100
39 73.5 59.3 88.9
76 37.5 29.8 44.8

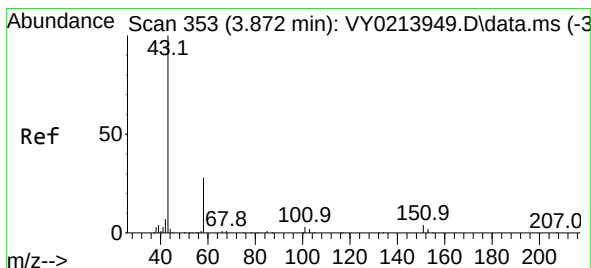
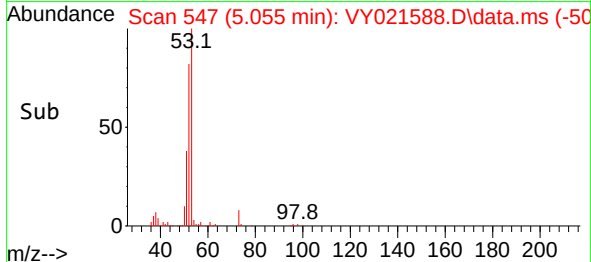
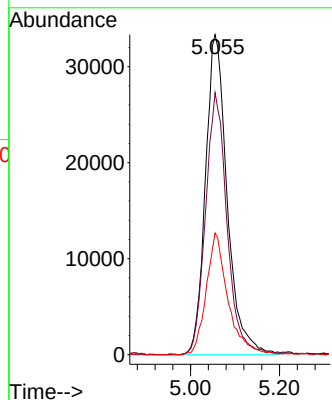
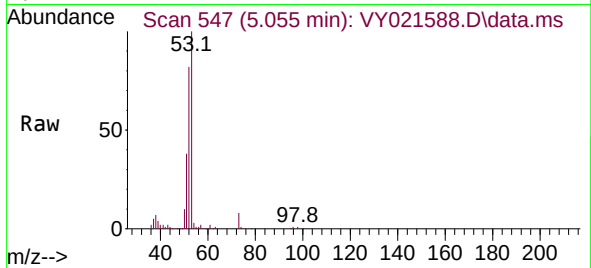




#15
Acrylonitrile
Concen: 255.416 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

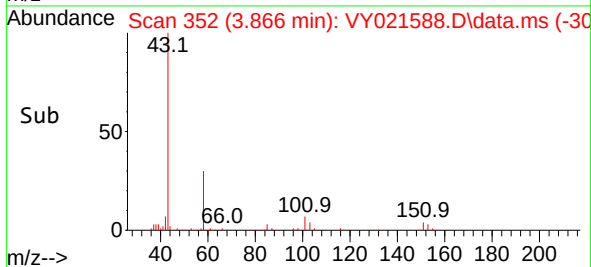
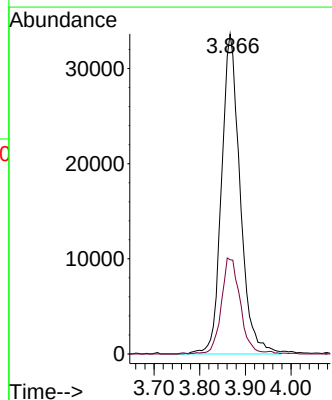
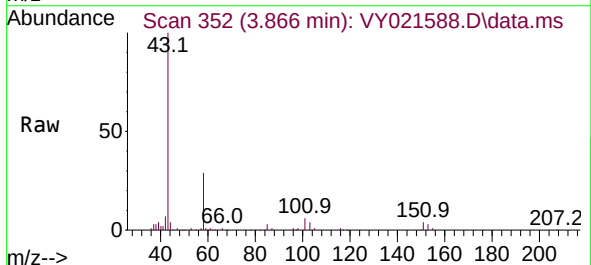
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

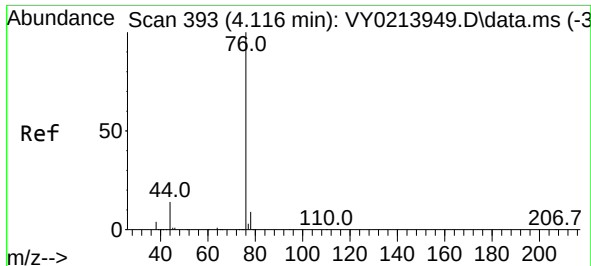
Tgt Ion: 53 Resp: 113465
Ion Ratio Lower Upper
53 100
52 80.8 66.3 99.5
51 38.0 30.3 45.5



#16
Acetone
Concen: 215.840 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 43 Resp: 94946
Ion Ratio Lower Upper
43 100
58 29.3 22.1 33.1

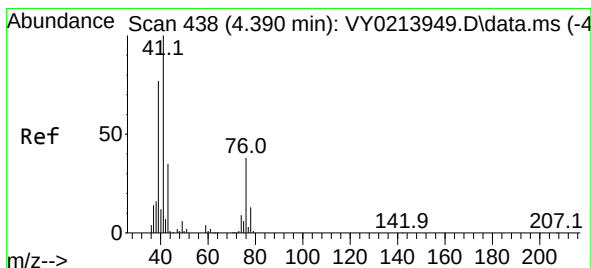
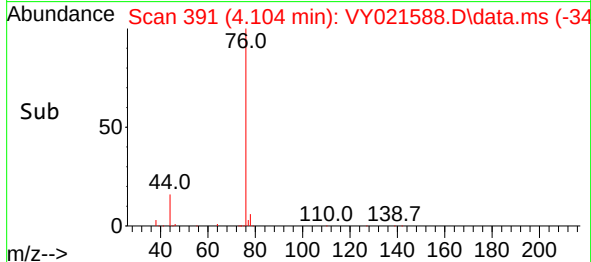
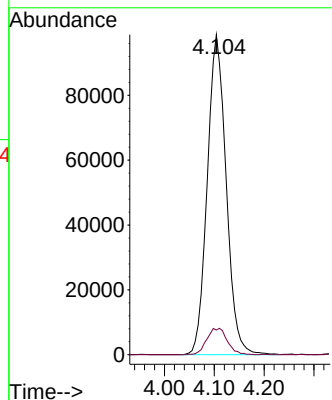
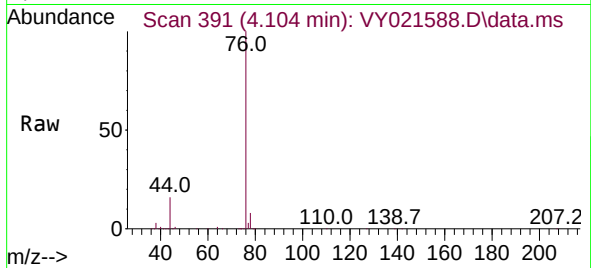




#17
Carbon Disulfide
Concen: 42.351 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

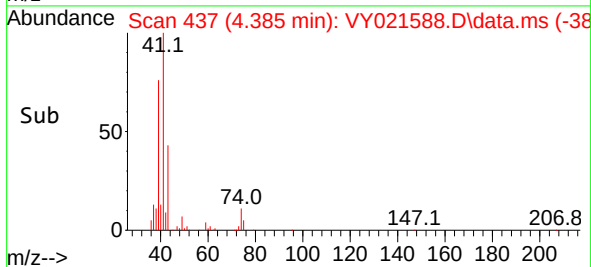
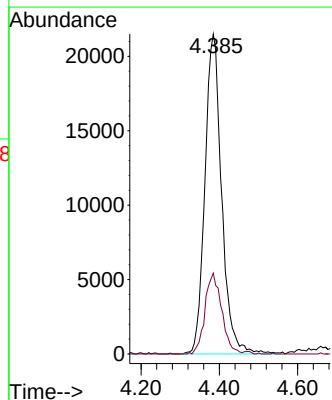
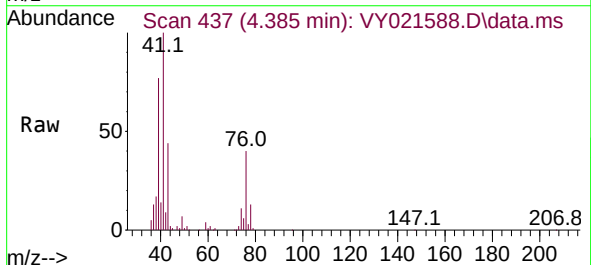
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

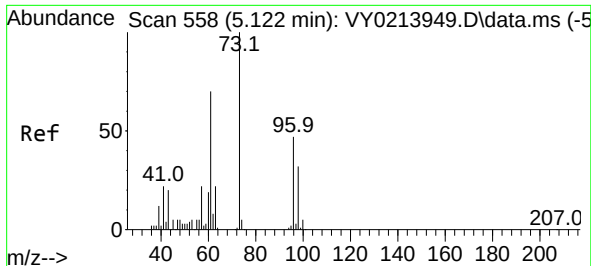
Tgt Ion: 76 Resp: 260159
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: 65.263 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 43 Resp: 63699
Ion Ratio Lower Upper
43 100
74 25.1 19.4 29.0

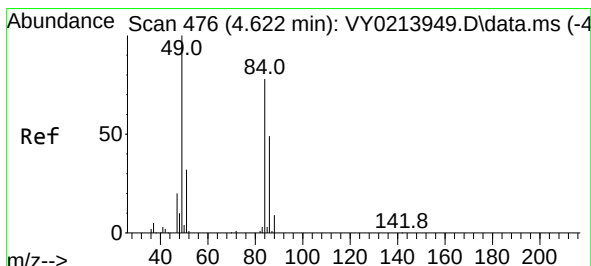
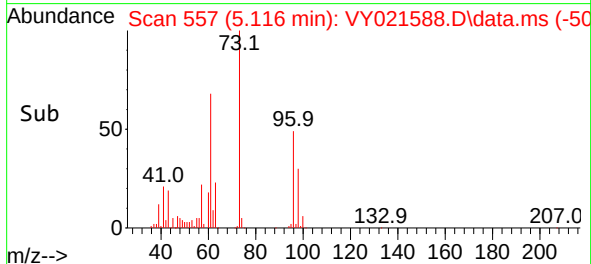
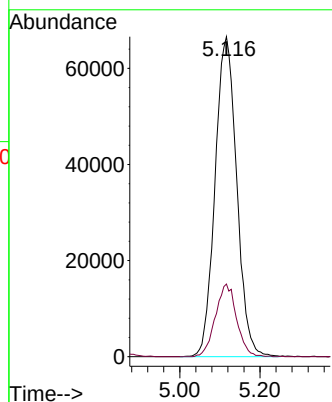
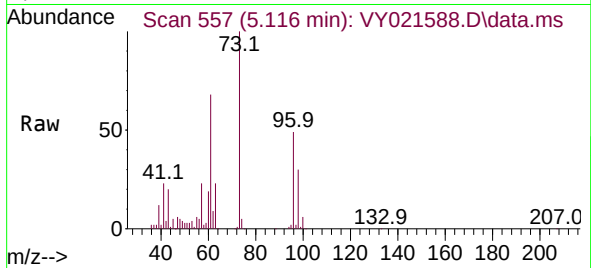




#19
Methyl tert-butyl Ether
Concen: 50.234 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

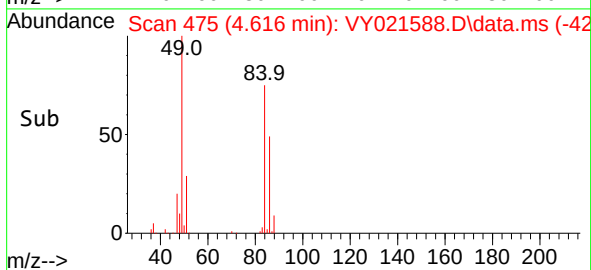
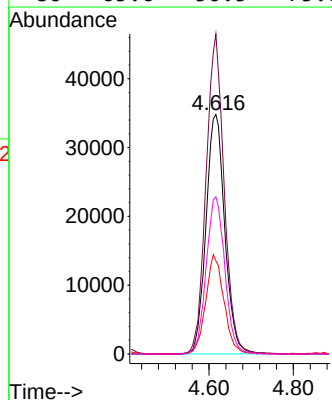
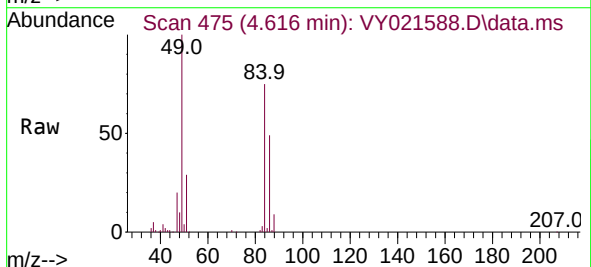
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

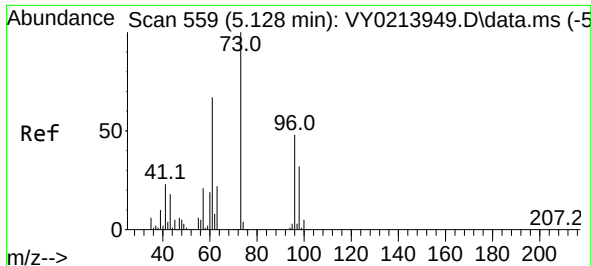
Tgt Ion: 73 Resp: 249565
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 46.831 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 84 Resp: 108136
Ion Ratio Lower Upper
84 100
49 133.6 102.0 153.0
51 38.9 33.0 49.6
86 65.6 50.5 75.7

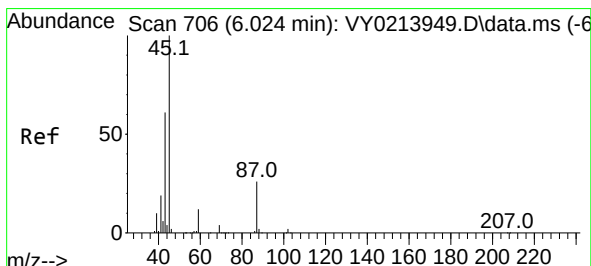
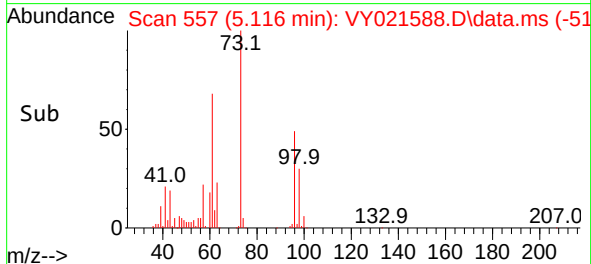
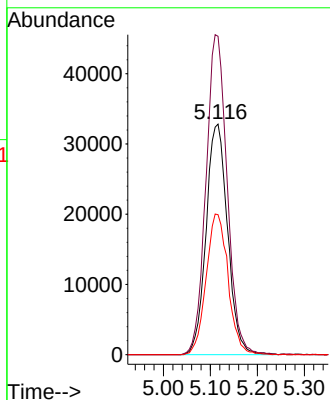
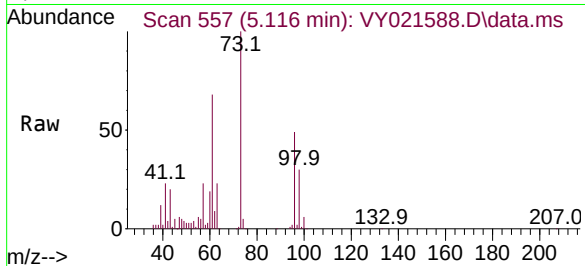




#21
trans-1,2-Dichloroethene
Concen: 47.528 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

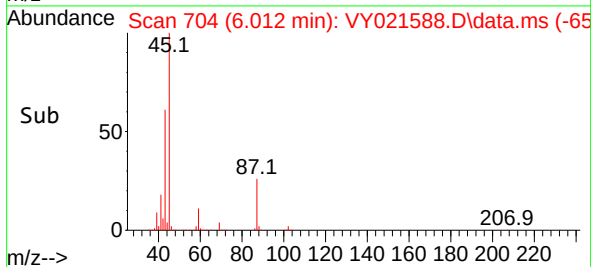
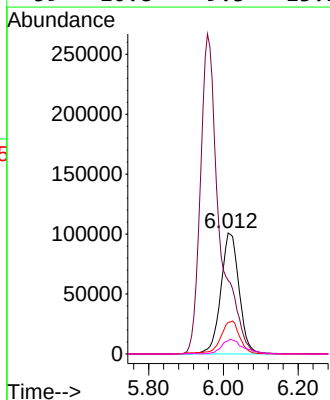
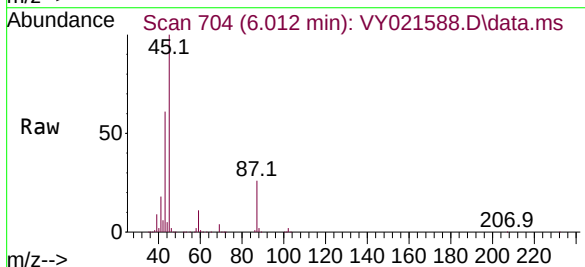
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

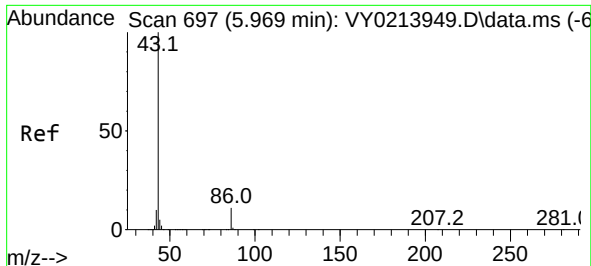
Tgt Ion: 96 Resp: 104333
Ion Ratio Lower Upper
96 100
61 138.1 111.5 167.3
98 60.8 53.8 80.8



#22
Diisopropyl ether
Concen: 50.249 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 45 Resp: 343033
Ion Ratio Lower Upper
45 100
43 60.7 48.7 73.1
87 26.1 21.5 32.3
59 10.8 9.3 13.9

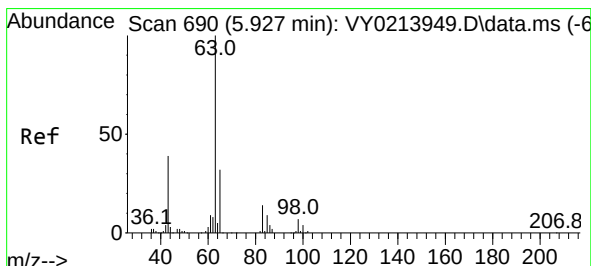
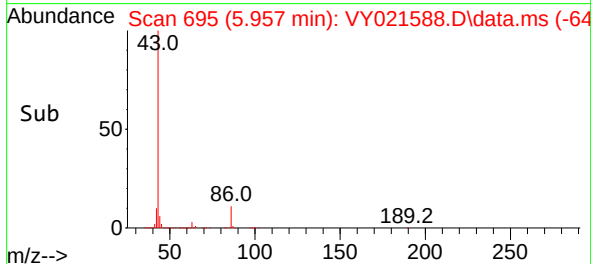
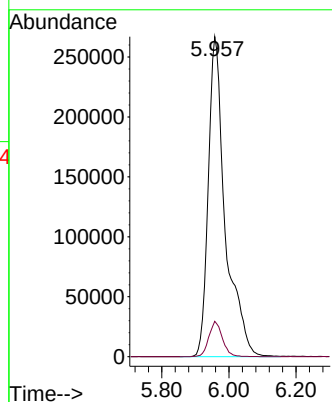
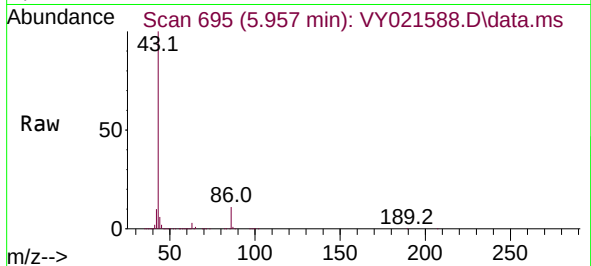




#23
 Vinyl Acetate
 Concen: 240.843 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

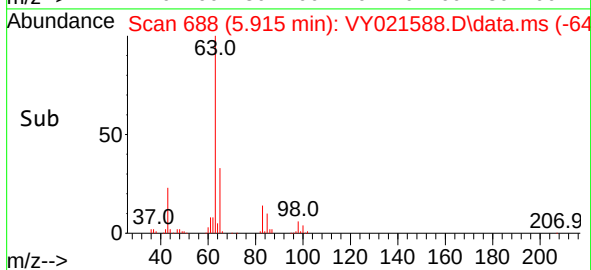
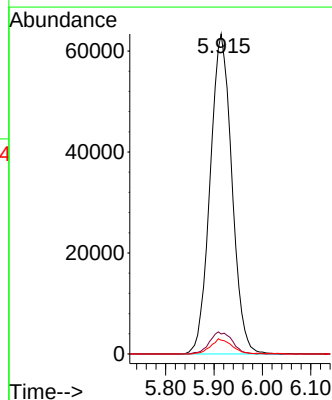
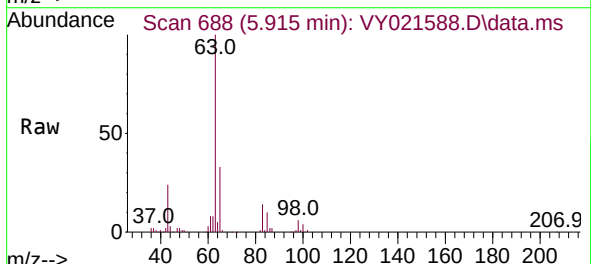
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

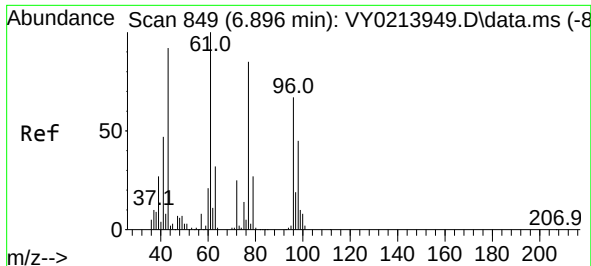
Tgt Ion: 43 Resp: 938318
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 49.054 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion: 63 Resp: 197639
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 239.794 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

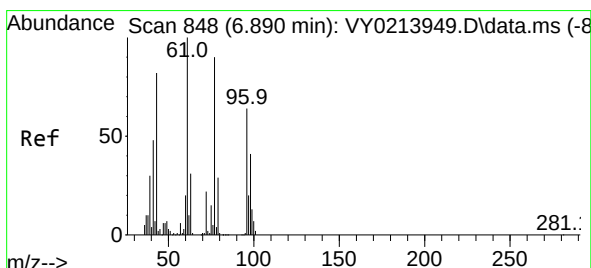
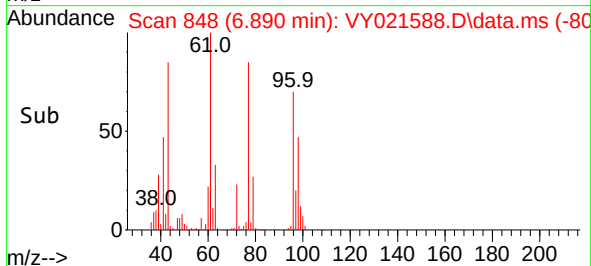
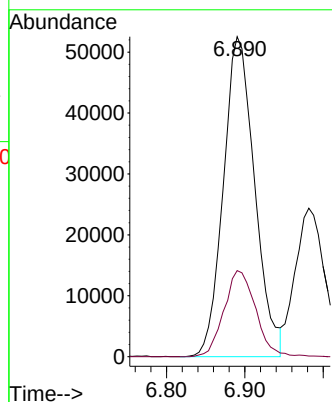
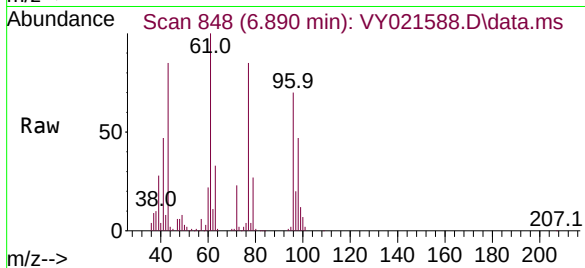
VSTDCCC050EC

Tgt Ion: 43 Resp: 145915

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.0



#26

2,2-Dichloropropane

Concen: 46.551 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021588.D

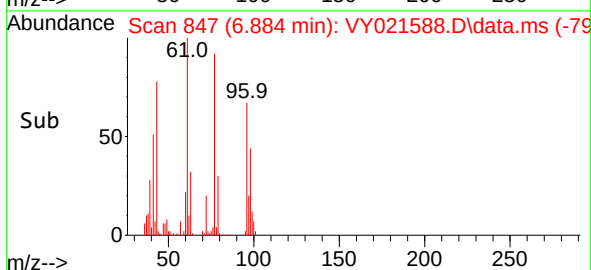
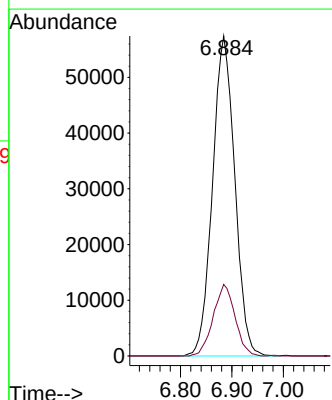
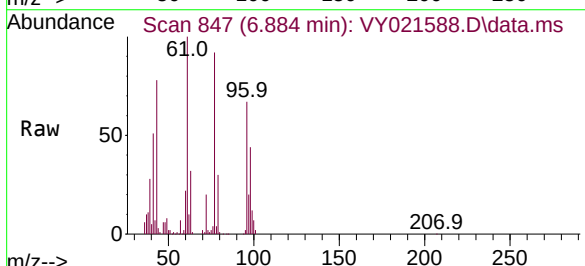
Acq: 20 Mar 2025 17:31

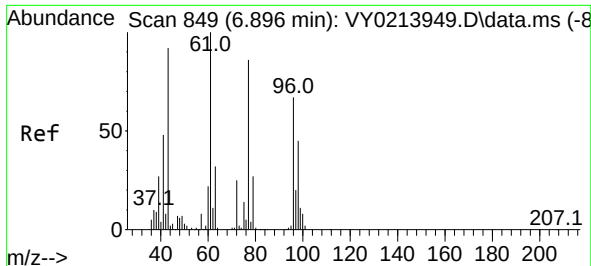
Tgt Ion: 77 Resp: 172572

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8



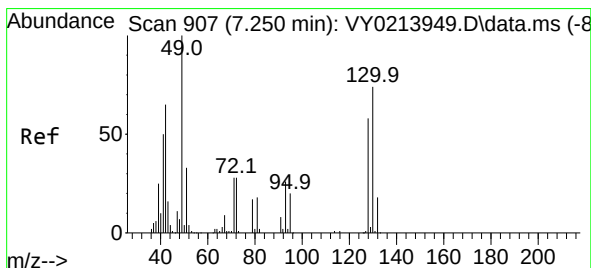
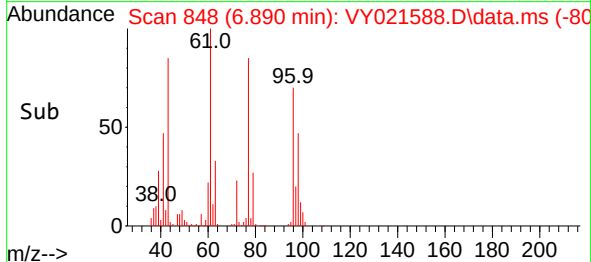
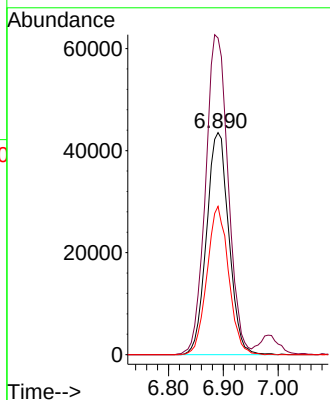
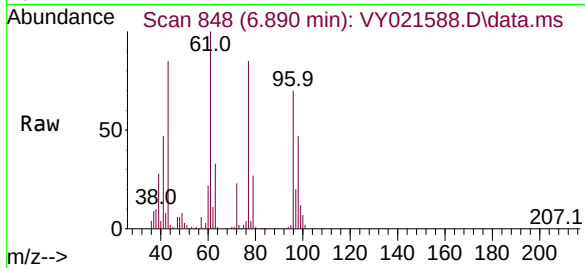


#27
 cis-1,2-Dichloroethene
 Concen: 49.267 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 122861

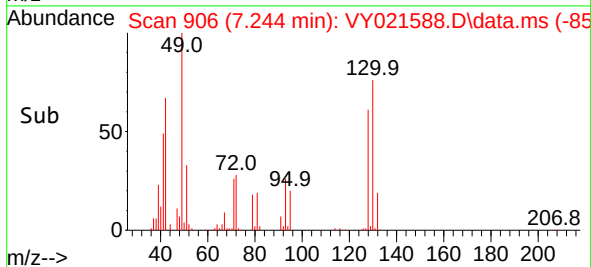
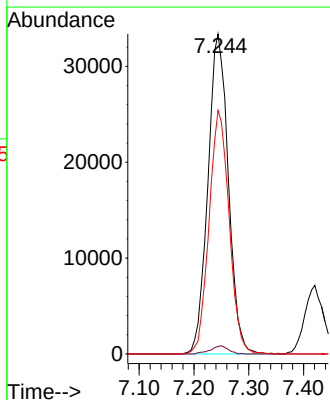
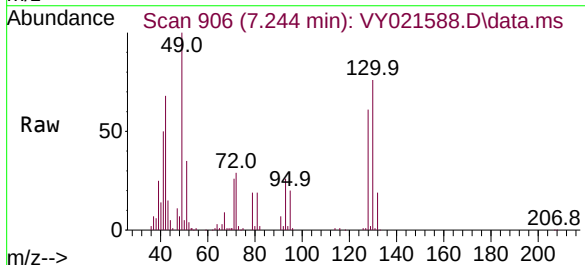
Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	300.8
98	64.8	0.0	130.0

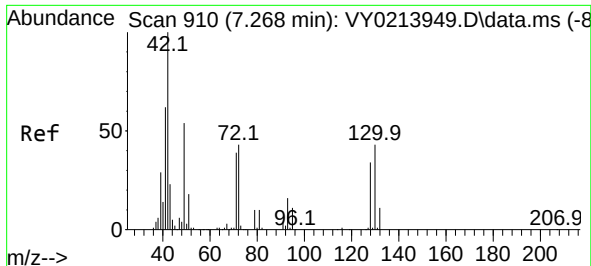


#28
 Bromochloromethane
 Concen: 51.069 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion: 49 Resp: 86263

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	74.9	59.6	89.4

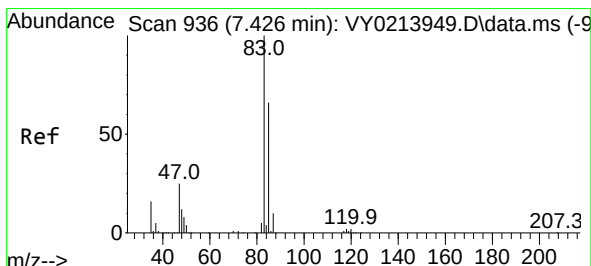
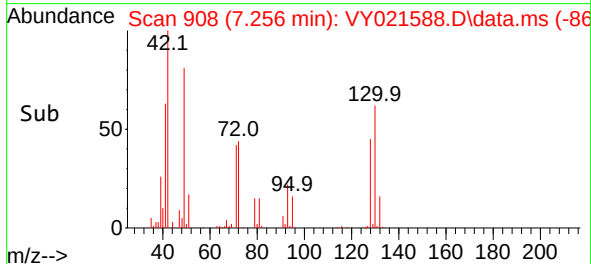
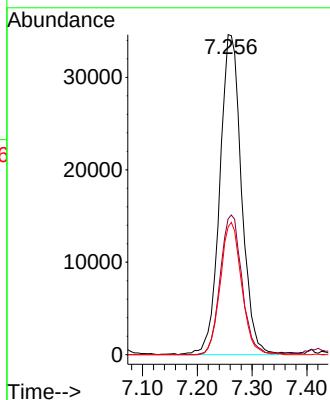
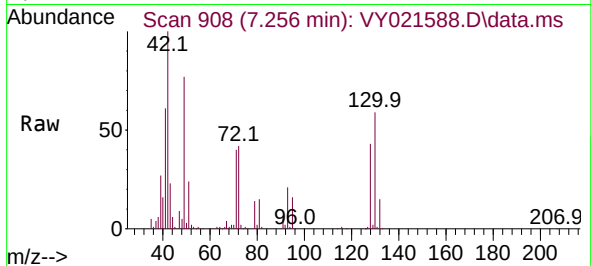




#29
Tetrahydrofuran
Concen: 254.270 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.012 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

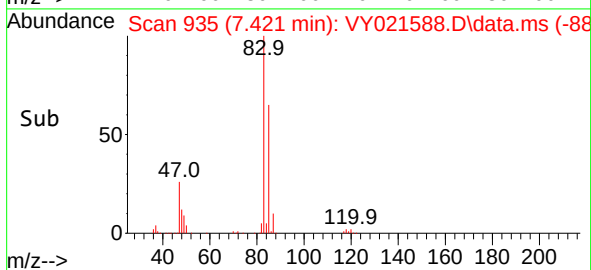
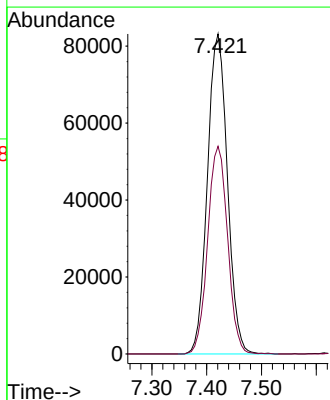
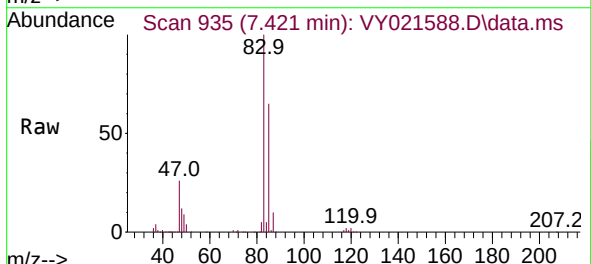
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

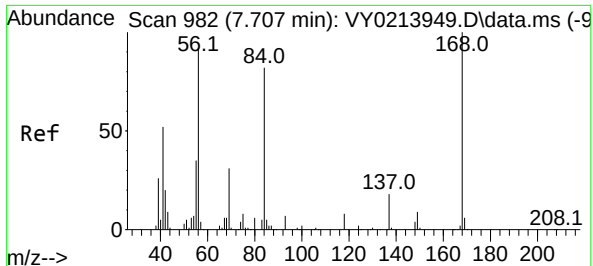
Tgt Ion:	42	Resp:	95519
Ion Ratio	Lower	Upper	
42	100		
72	43.7	34.8	52.2
71	40.4	32.6	48.8



#30
Chloroform
Concen: 50.229 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:	83	Resp:	210145
Ion Ratio	Lower	Upper	
83	100		
85	64.9	53.1	79.7





#31

Cyclohexane

Concen: 42.570 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

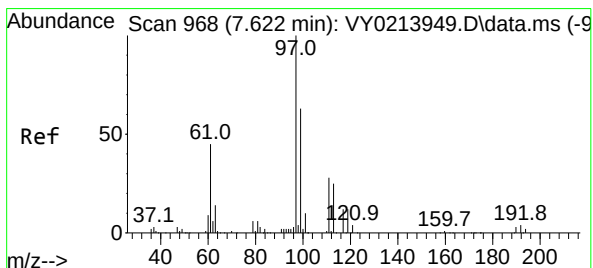
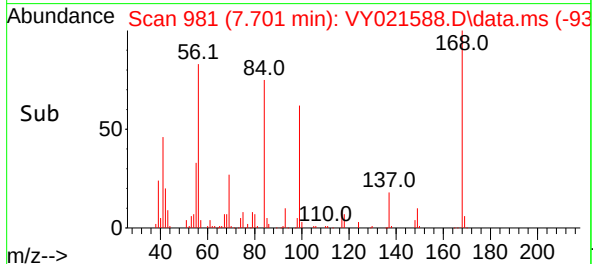
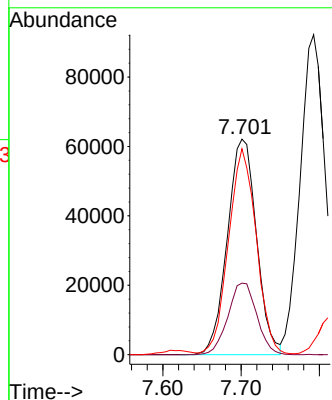
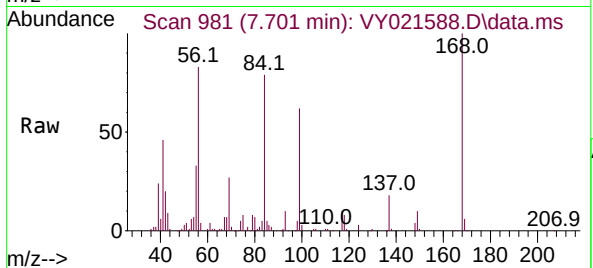
Tgt Ion: 56 Resp: 160799

Ion Ratio Lower Upper

56 100

69 33.2 27.0 40.4

84 93.6 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 48.298 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

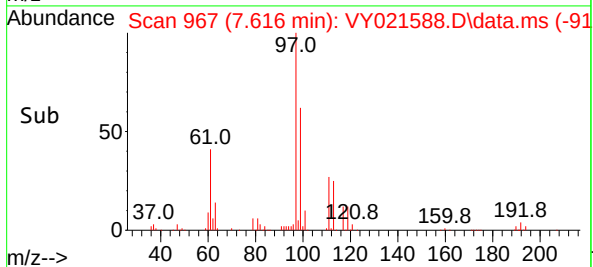
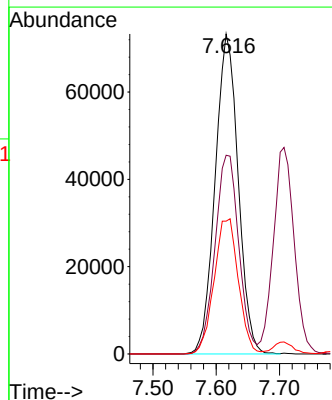
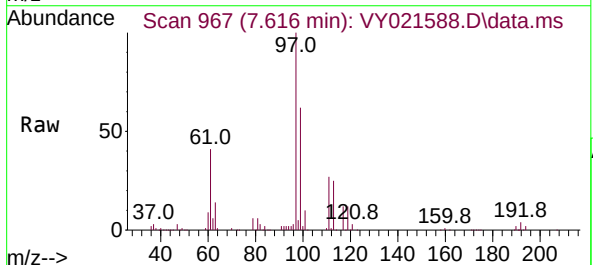
Tgt Ion: 97 Resp: 185017

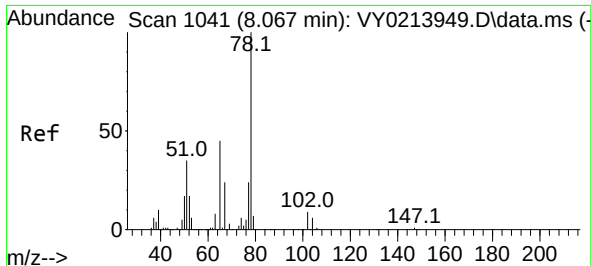
Ion Ratio Lower Upper

97 100

99 64.3 51.7 77.5

61 44.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 43.736 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

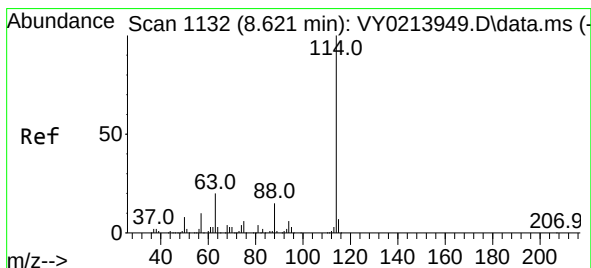
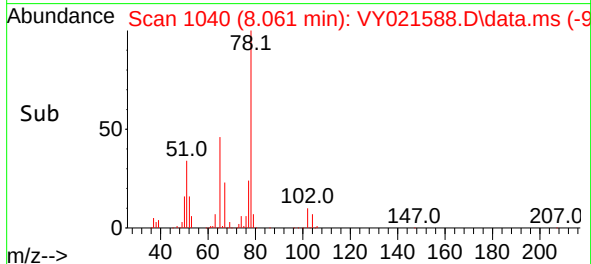
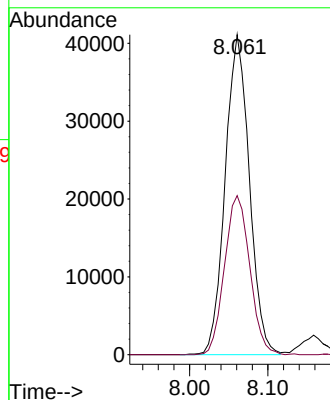
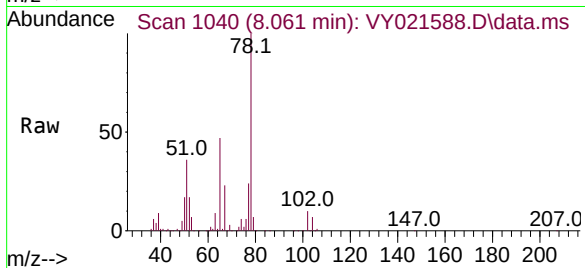
VSTDCCC050EC

Tgt Ion: 65 Resp: 88209

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

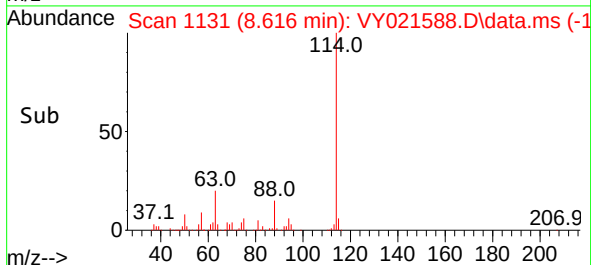
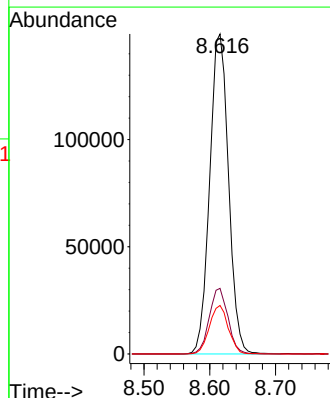
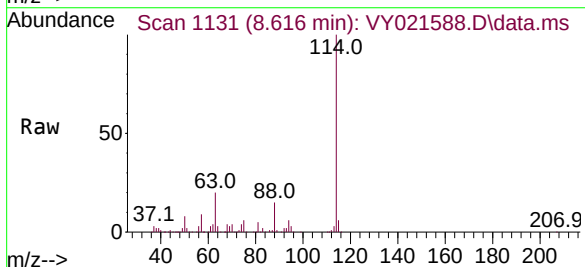
Tgt Ion: 114 Resp: 297813

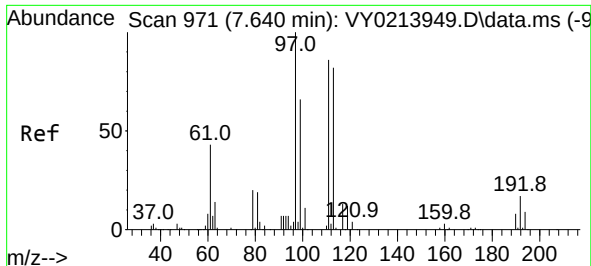
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 43.992 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

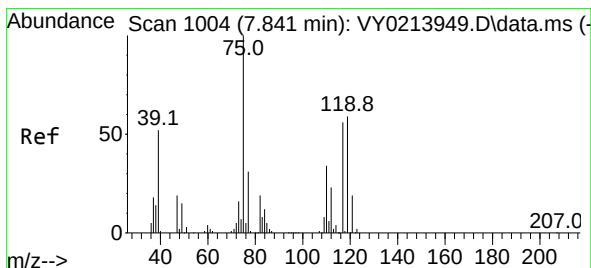
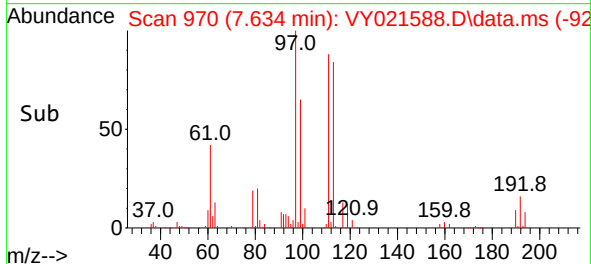
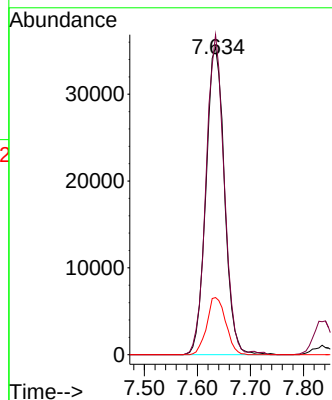
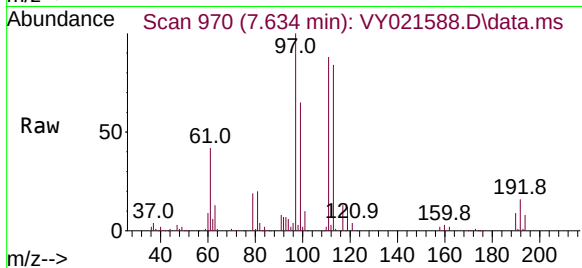
Tgt Ion:113 Resp: 86117

Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

192 19.0 15.9 23.9



#36

1,1-Dichloropropene

Concen: 46.726 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

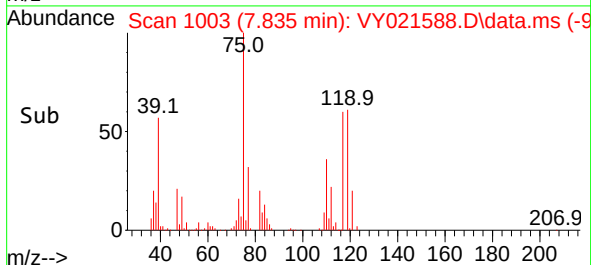
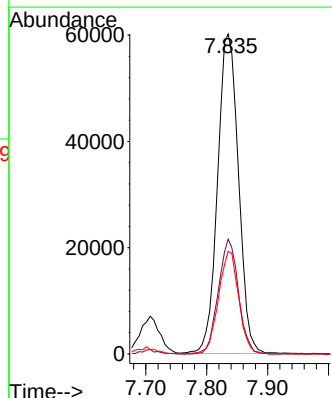
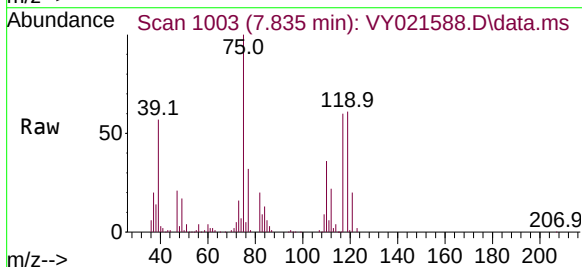
Tgt Ion: 75 Resp: 143178

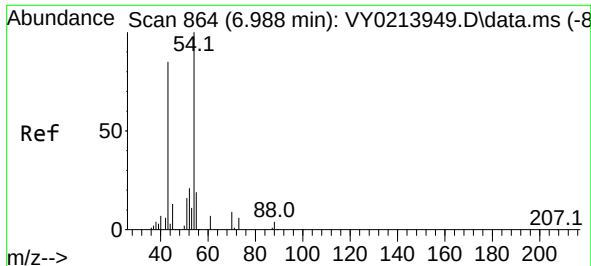
Ion Ratio Lower Upper

75 100

110 34.3 17.3 51.7

77 31.1 25.4 38.2





#37

Ethyl Acetate

Concen: 48.960 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

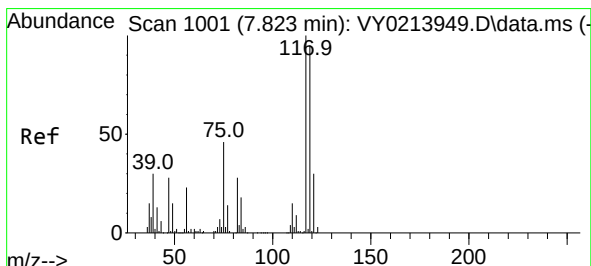
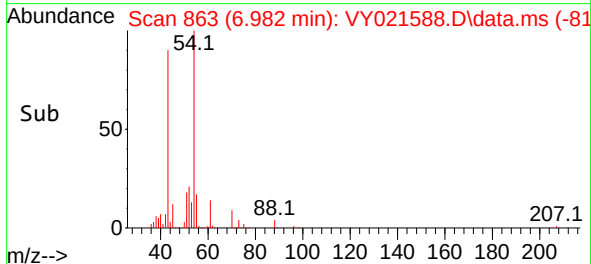
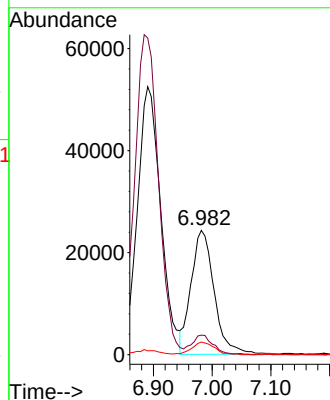
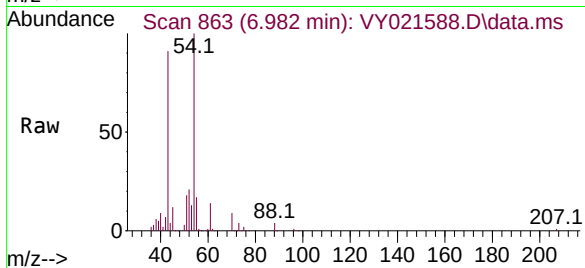
Tgt Ion: 43 Resp: 66308

Ion Ratio Lower Upper

43 100

61 14.8 11.4 17.0

70 9.9 8.2 12.2



#38

Carbon Tetrachloride

Concen: 46.772 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

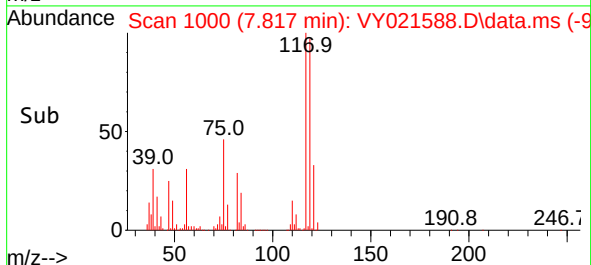
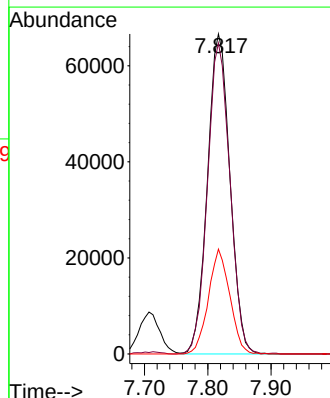
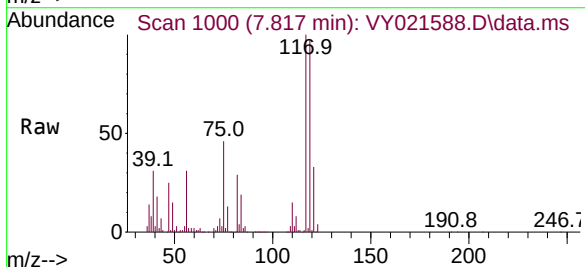
Tgt Ion: 117 Resp: 164827

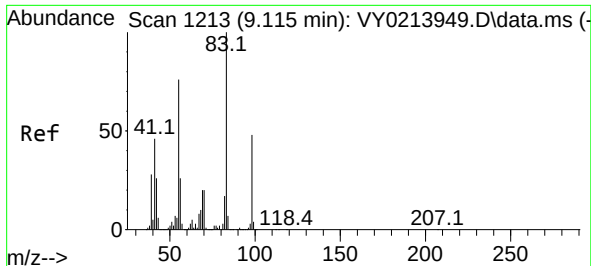
Ion Ratio Lower Upper

117 100

119 97.1 75.8 113.8

121 32.8 23.9 35.9





#39

Methylcyclohexane

Concen: 45.643 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

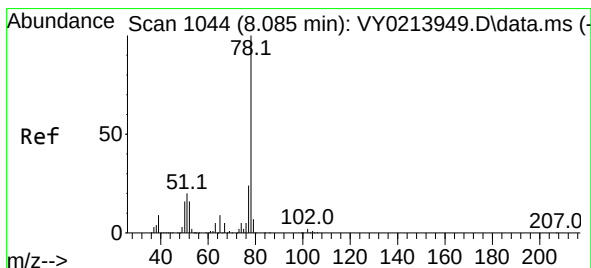
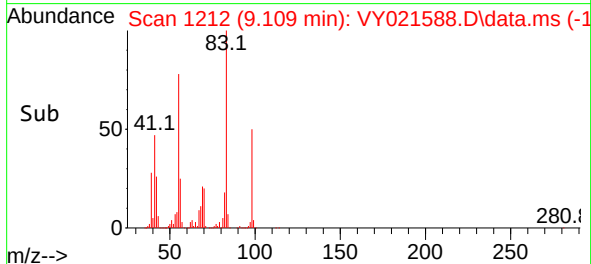
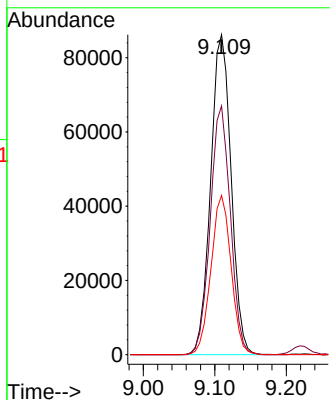
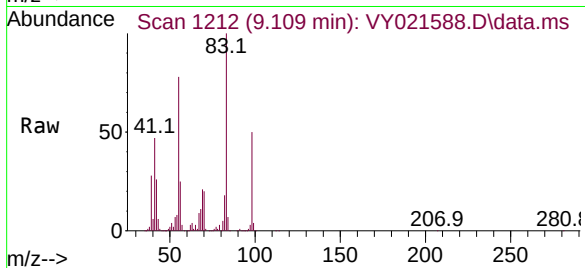
Tgt Ion: 83 Resp: 171554

Ion Ratio Lower Upper

83 100

55 77.8 60.7 91.1

98 49.8 38.6 57.8



#40

Benzene

Concen: 48.079 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021588.D

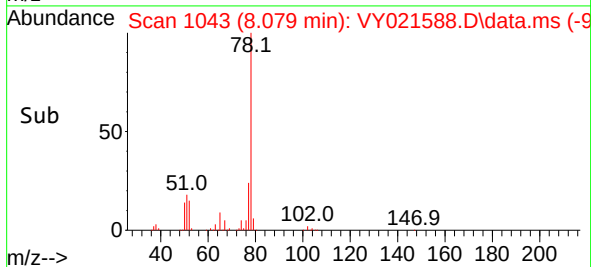
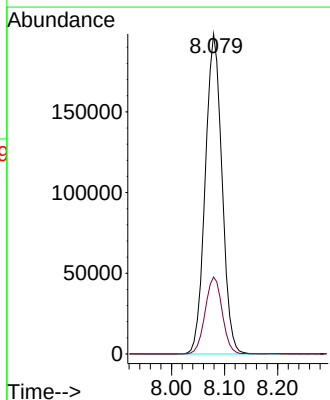
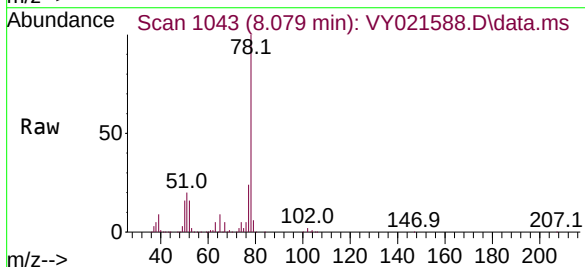
Acq: 20 Mar 2025 17:31

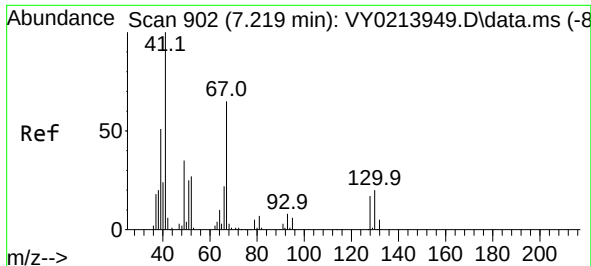
Tgt Ion: 78 Resp: 433987

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4

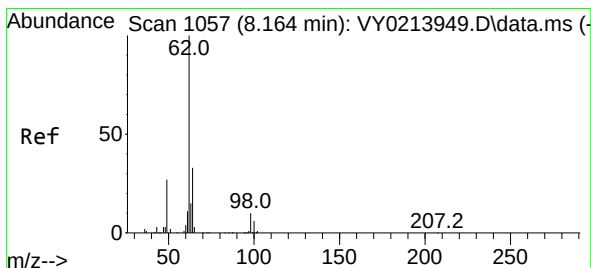
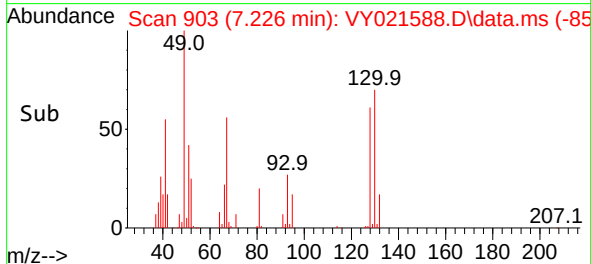
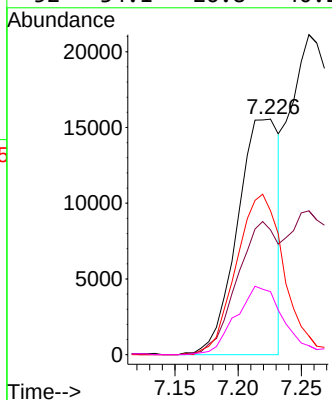
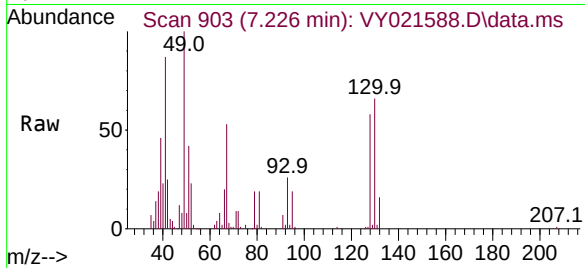




#41
Methacrylonitrile
Concen: 48.237 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

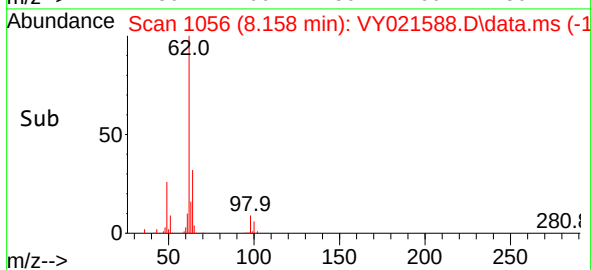
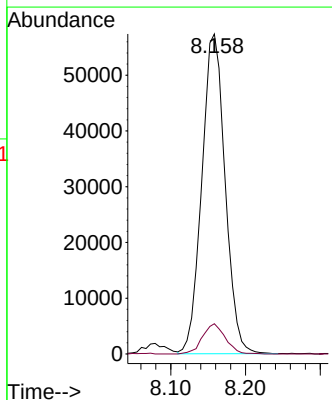
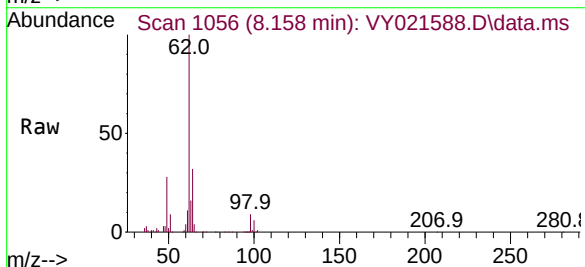
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

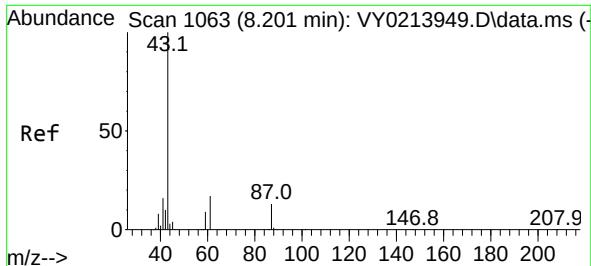
Tgt Ion:	41	Resp:	35572
Ion	Ratio	Lower	Upper
41	100		
39	55.0	35.0	52.6#
67	79.1	61.2	91.8
52	34.1	26.8	40.2



#42
1,2-Dichloroethane
Concen: 49.257 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:	62	Resp:	124383
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2

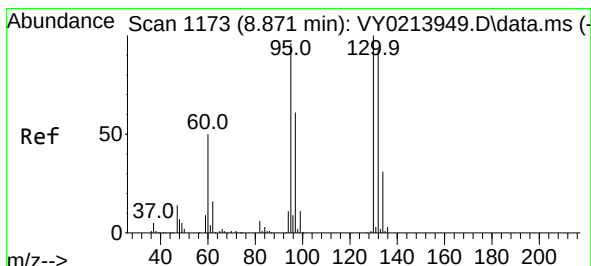
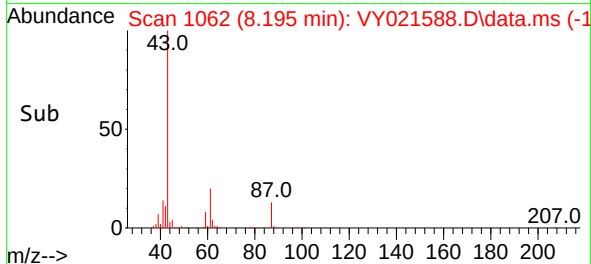
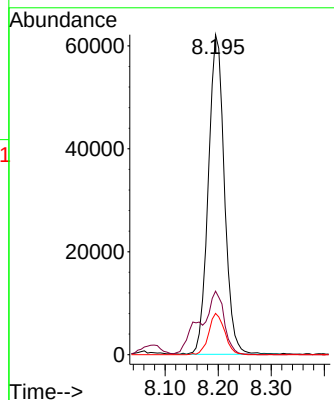
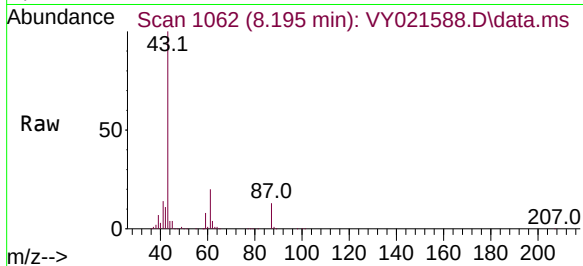




#43
Isopropyl Acetate
Concen: 49.760 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

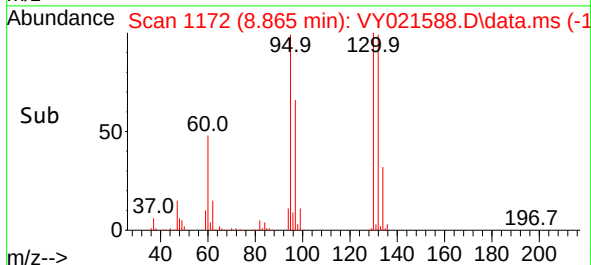
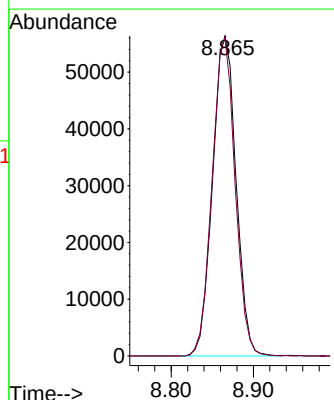
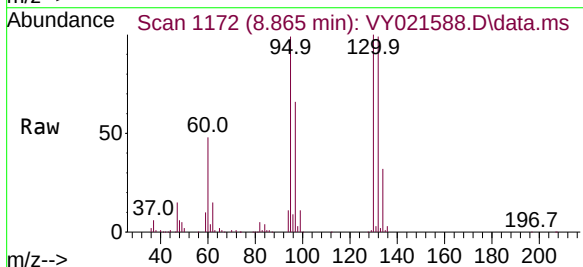
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

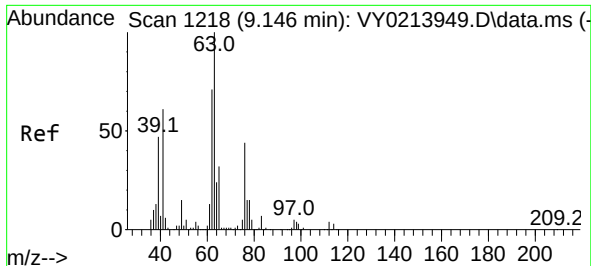
Tgt Ion: 43 Resp: 130824
Ion Ratio Lower Upper
43 100
61 19.8 23.4 35.0#
87 12.8 10.5 15.7



#44
Trichloroethene
Concen: 49.007 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:130 Resp: 111784
Ion Ratio Lower Upper
130 100
95 99.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 49.356 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

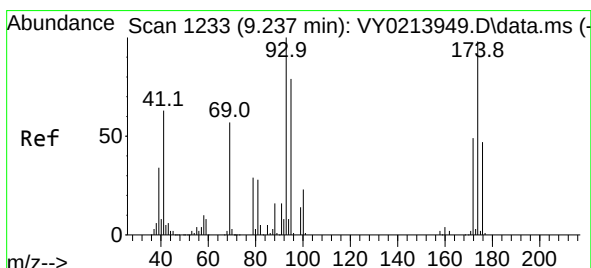
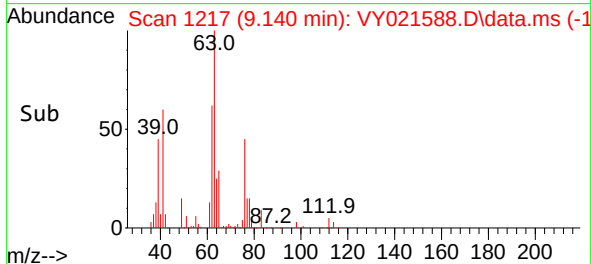
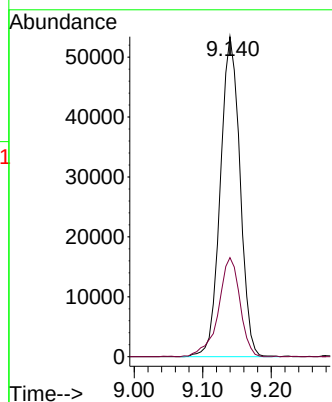
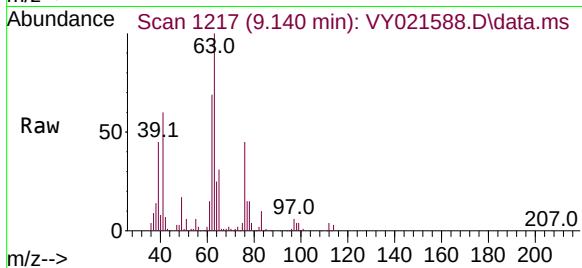
VSTDCCC050EC

Tgt Ion: 63 Resp: 106032

Ion Ratio Lower Upper

63 100

65 31.0 26.0 39.0



#46

Dibromomethane

Concen: 50.642 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

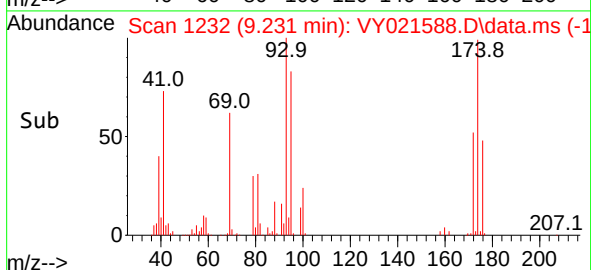
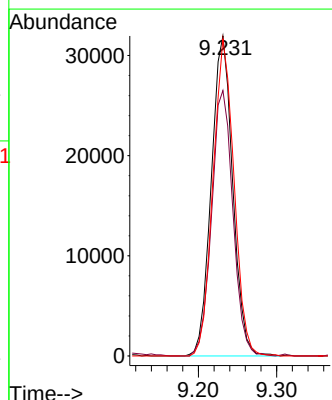
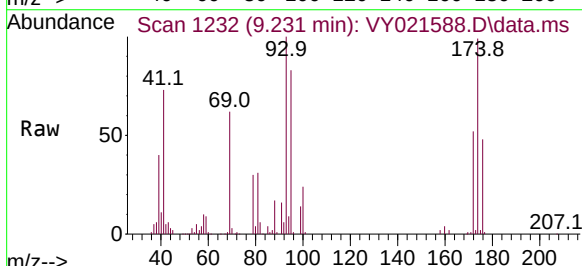
Tgt Ion: 93 Resp: 60534

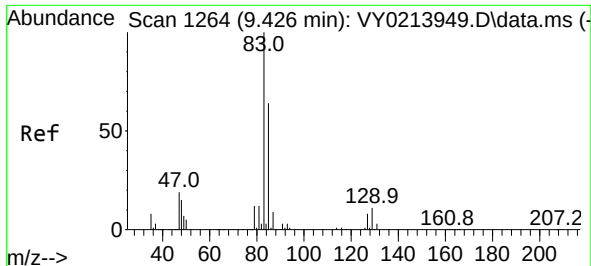
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 97.6 77.9 116.9

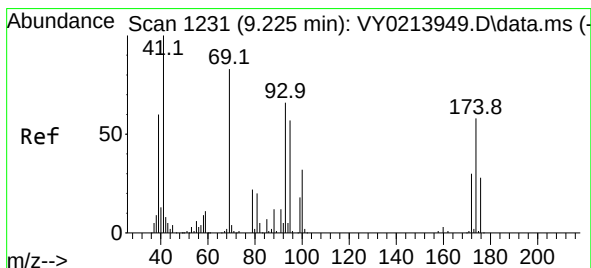
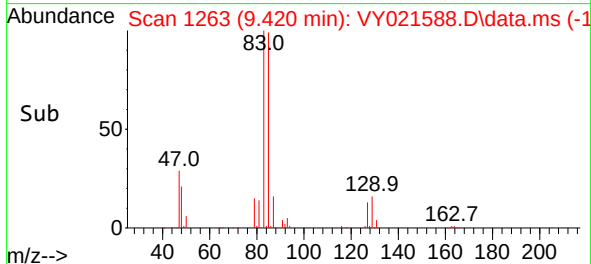
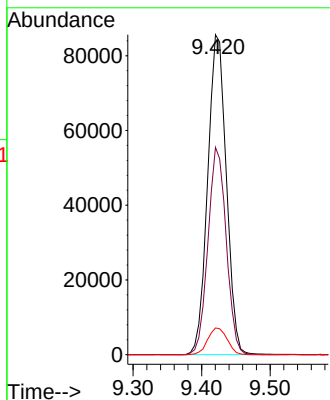
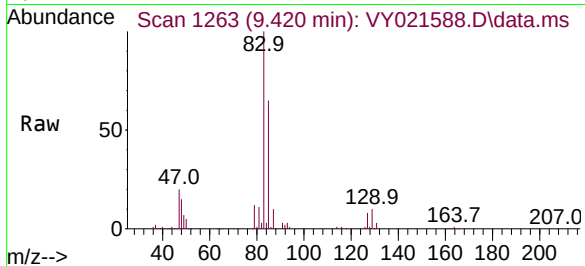




#47
Bromodichloromethane
Concen: 50.988 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

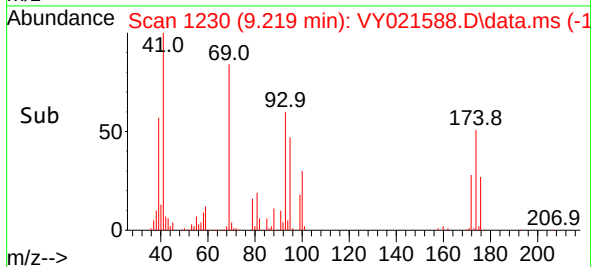
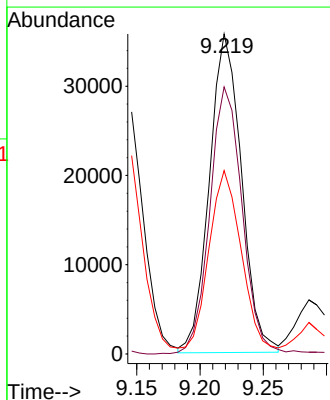
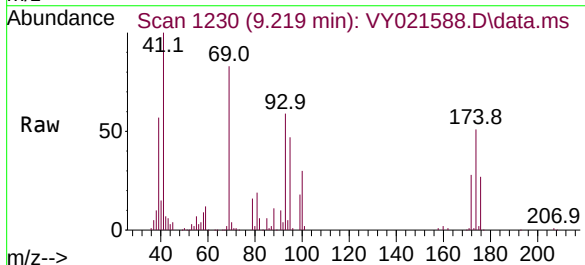
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

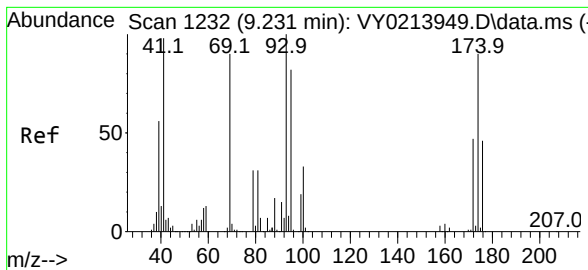
Tgt Ion: 83 Resp: 161858
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7
127 8.3 6.7 10.1



#48
Methyl methacrylate
Concen: 52.155 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 41 Resp: 62965
Ion Ratio Lower Upper
41 100
69 85.4 67.8 101.8
39 55.4 46.4 69.6

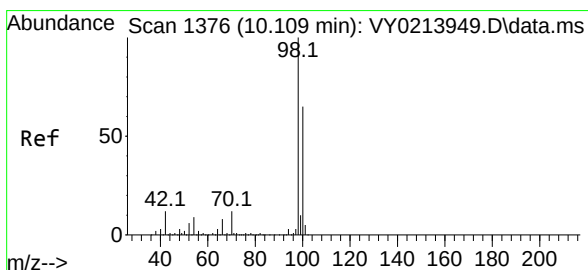
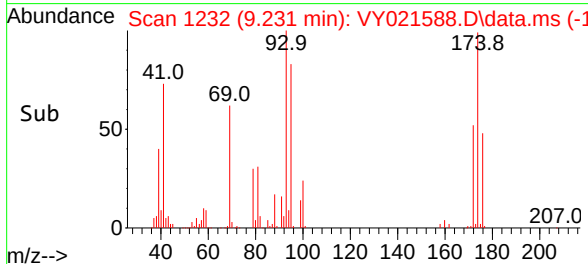
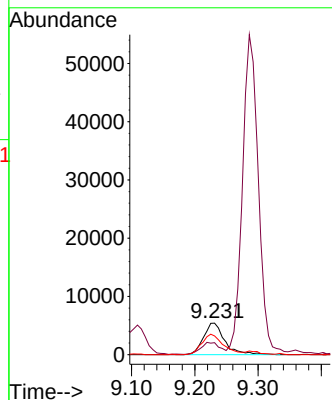
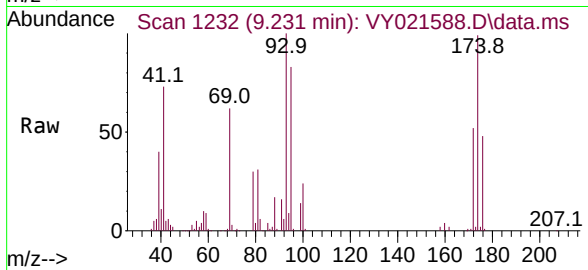




#49
1,4-Dioxane
Concen: 1079.467 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

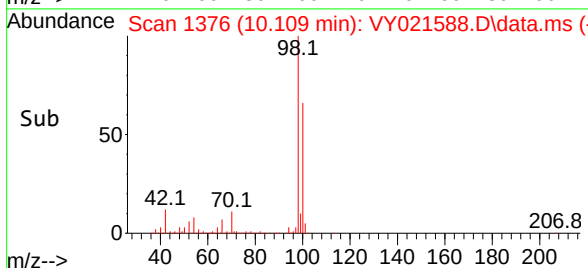
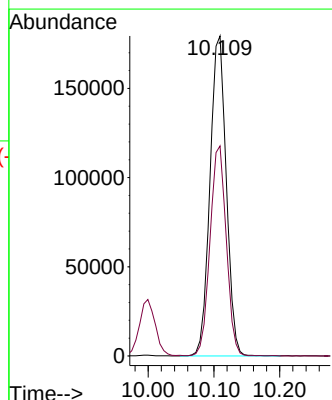
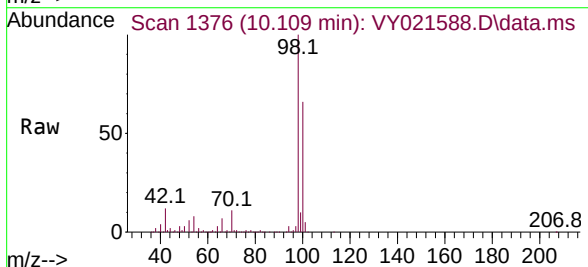
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

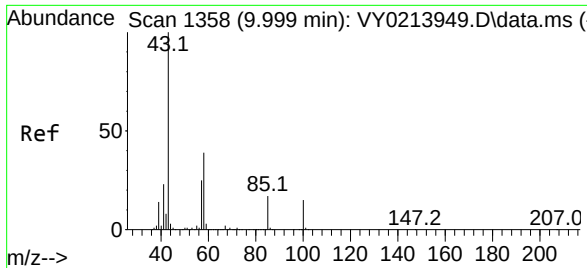
Tgt Ion: 88 Resp: 12665
Ion Ratio Lower Upper
88 100
43 34.0 25.0 37.4
58 65.3 58.4 87.6



#50
Toluene-d8
Concen: 41.675 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 98 Resp: 308897
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

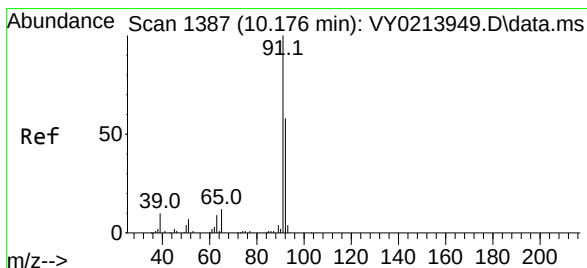
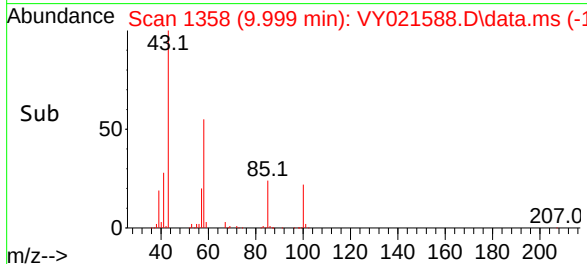
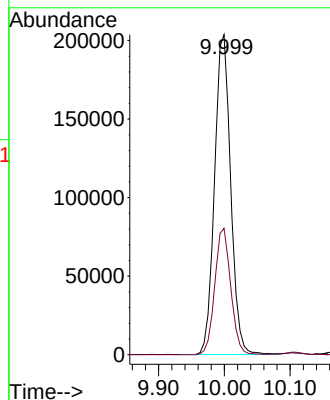
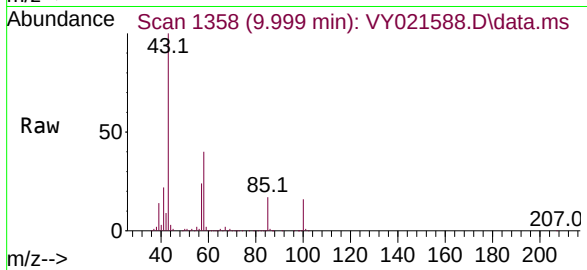




#51
4-Methyl-2-Pentanone
Concen: 256.426 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

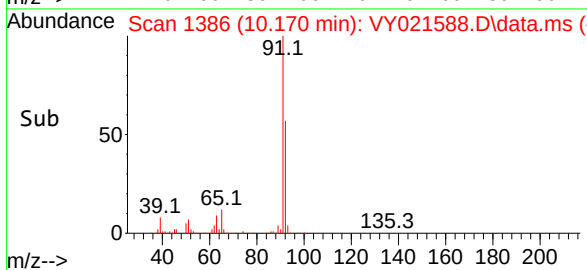
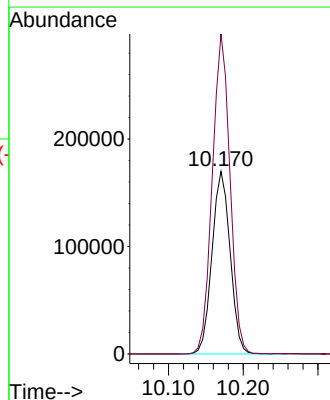
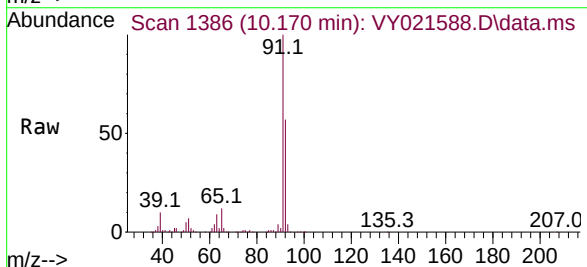
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

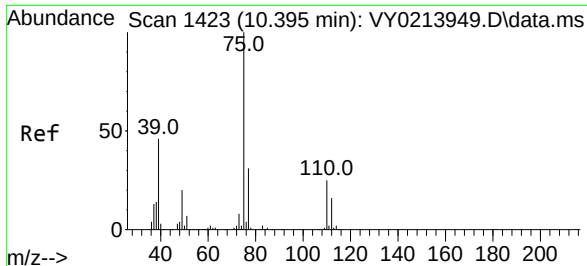
Tgt Ion: 43 Resp: 347852
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.2



#52
Toluene
Concen: 50.162 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 92 Resp: 285465
Ion Ratio Lower Upper
92 100
91 171.6 138.2 207.2

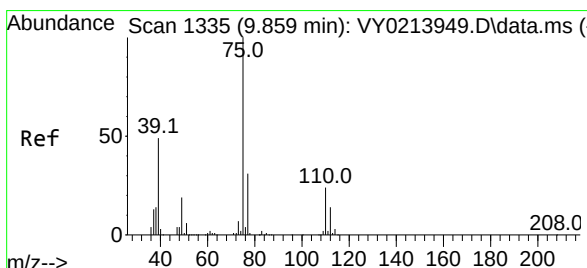
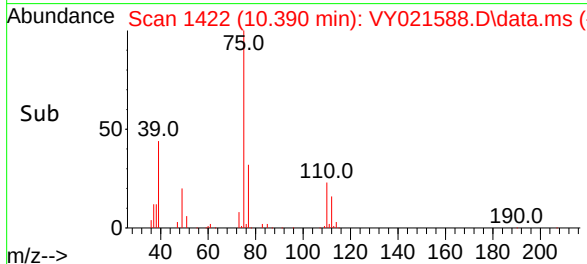
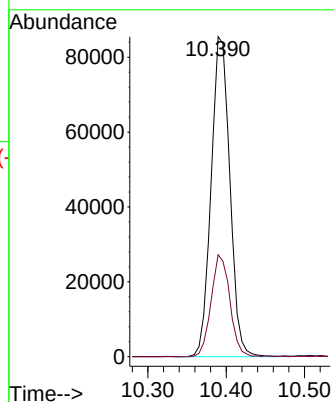
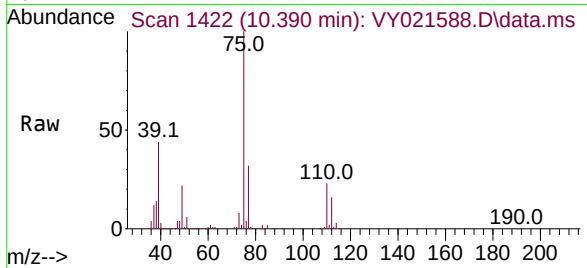




#53
 t-1,3-Dichloropropene
 Concen: 50.742 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

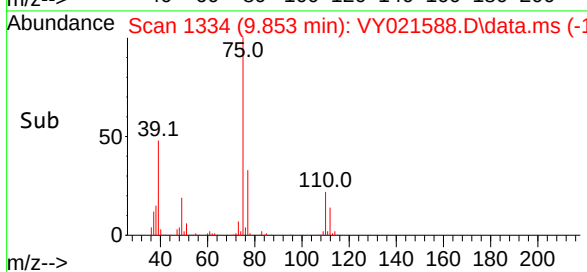
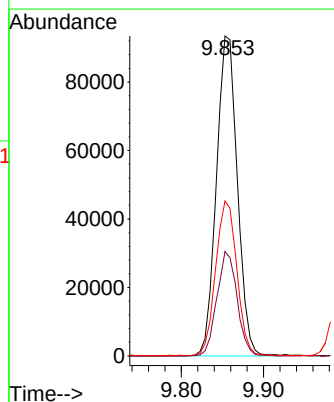
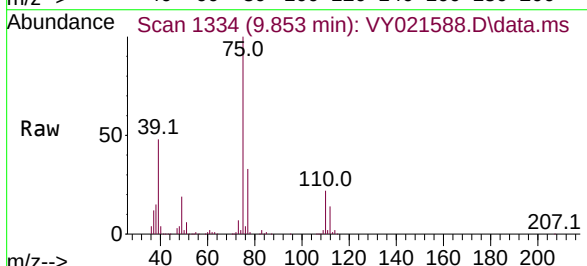
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

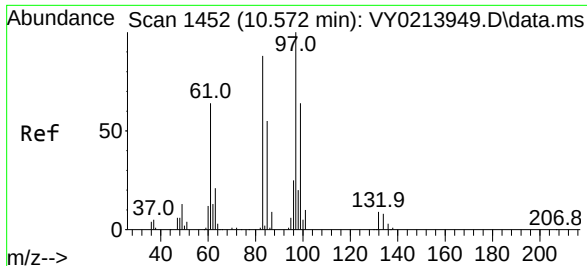
Tgt Ion: 75 Resp: 141913
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.839 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion: 75 Resp: 165489
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 37.0
 39 48.3 39.4 59.2

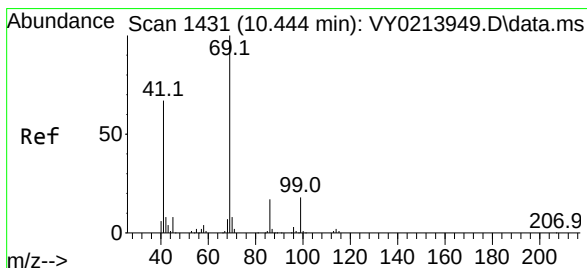
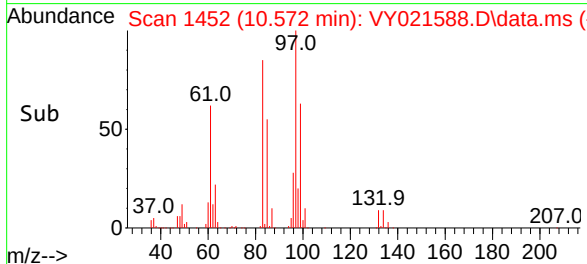
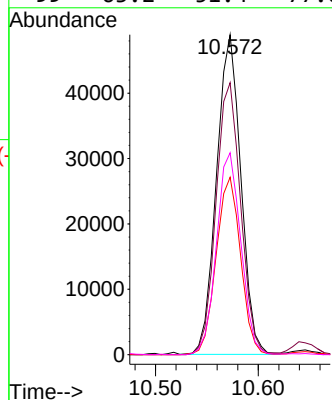
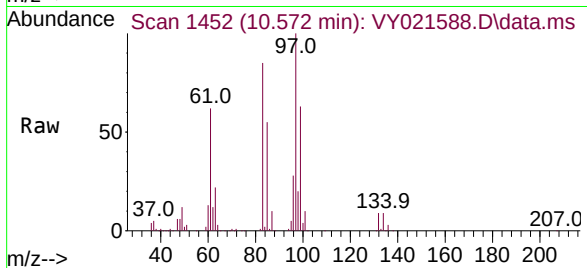




#55
 1,1,2-Trichloroethane
 Concen: 51.403 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

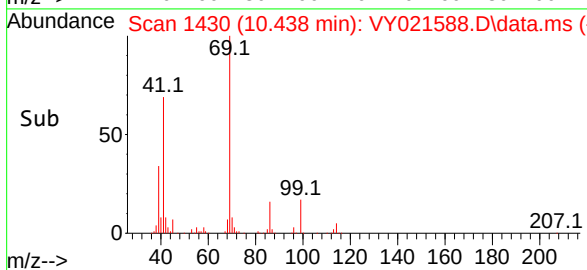
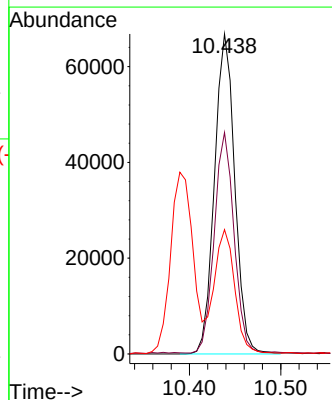
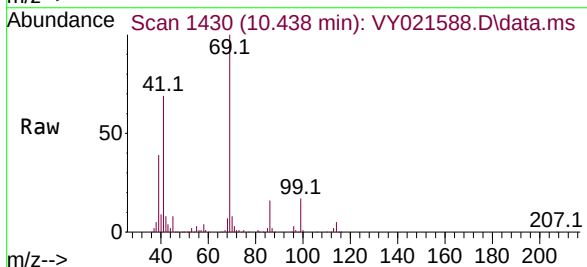
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

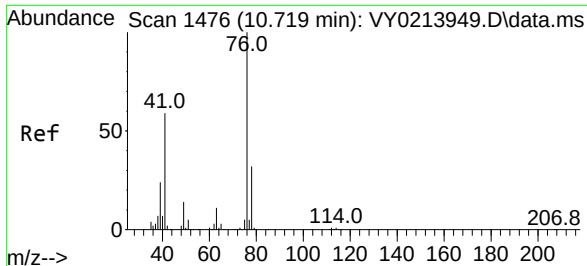
Tgt Ion:	97	Resp:	80375
Ion	Ratio	Lower	Upper
97	100		
83	85.1	70.0	105.0
85	55.5	44.3	66.5
99	63.2	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 51.727 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion:	69	Resp:	103153
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.3	79.9
39	39.5	31.0	46.6





#57

1,3-Dichloropropane

Concen: 51.006 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

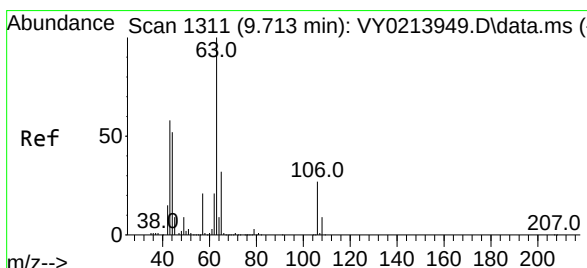
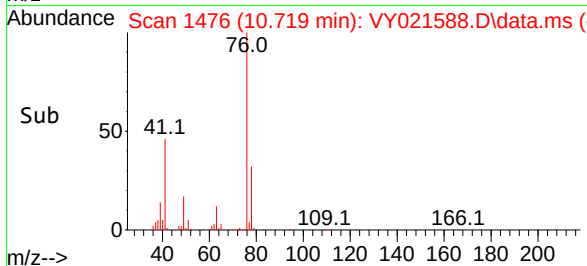
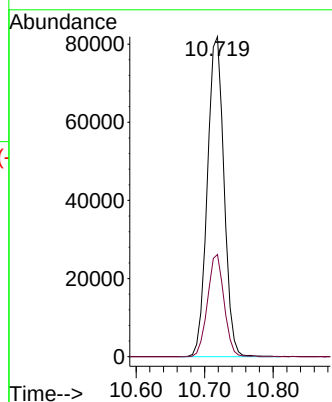
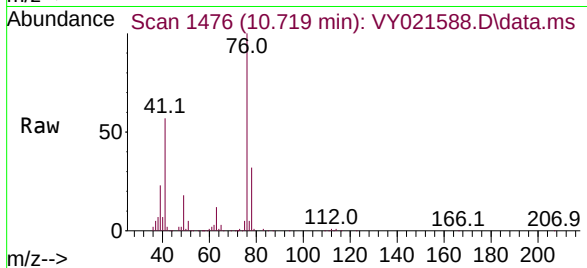
VSTDCCC050EC

Tgt Ion: 76 Resp: 138228

Ion Ratio Lower Upper

76 100

78 31.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 245.599 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021588.D

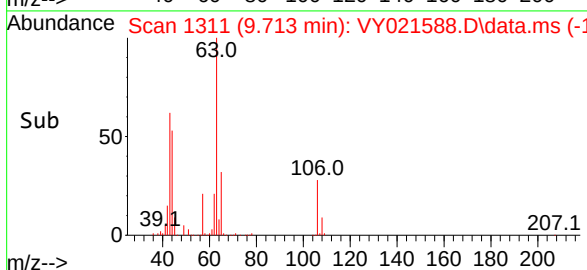
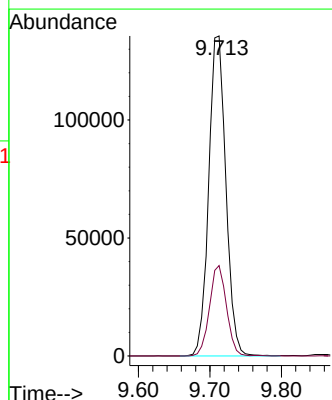
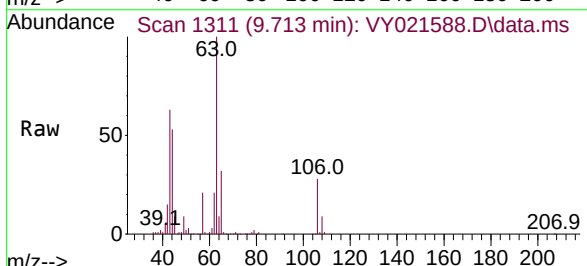
Acq: 20 Mar 2025 17:31

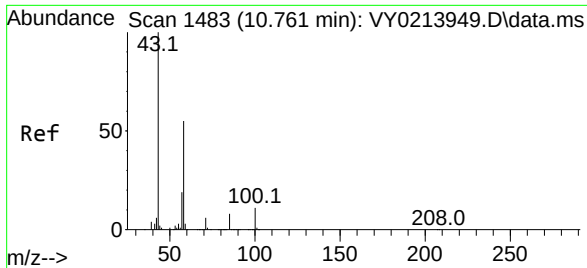
Tgt Ion: 63 Resp: 226088

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1

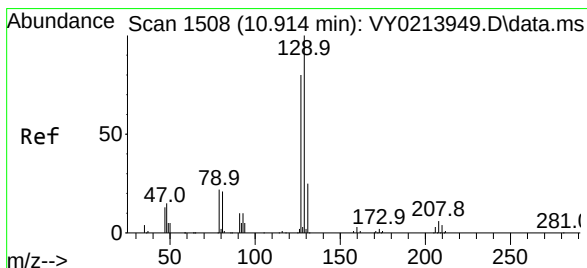
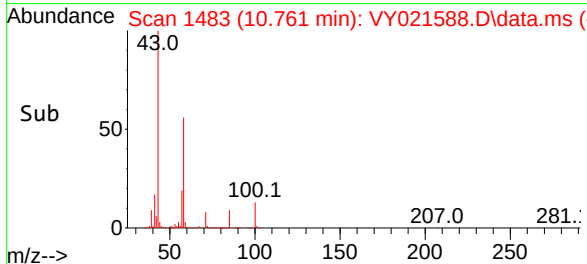
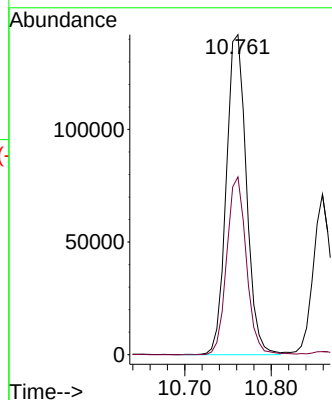
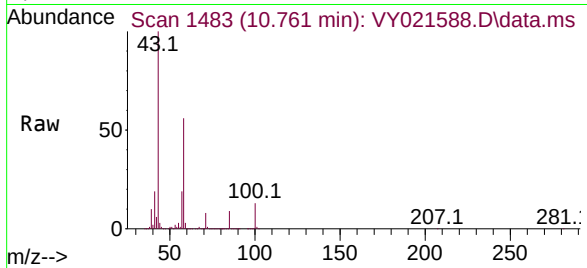




#59
2-Hexanone
Concen: 255.504 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

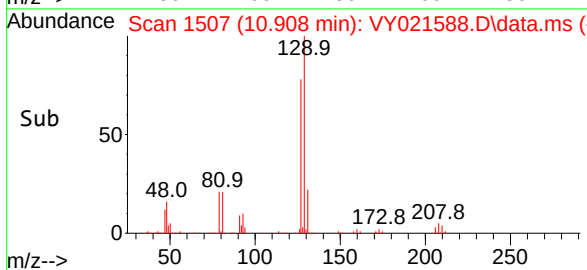
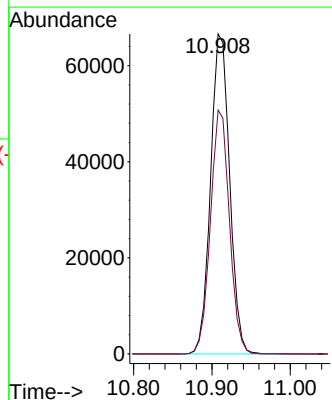
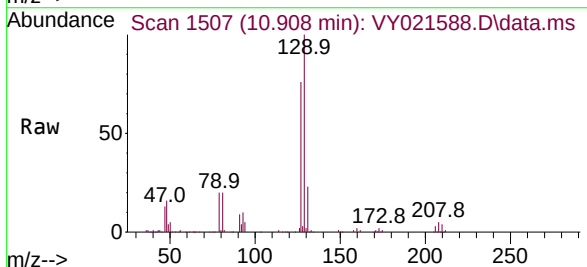
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

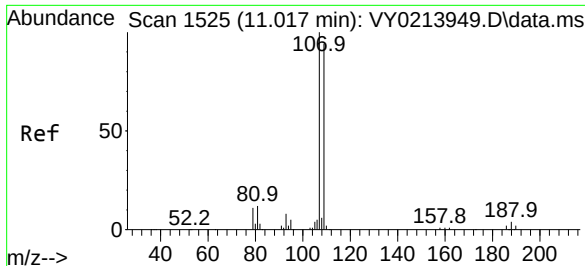
Tgt Ion: 43 Resp: 229181
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8



#60
Dibromochloromethane
Concen: 52.403 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 129 Resp: 112333
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.3

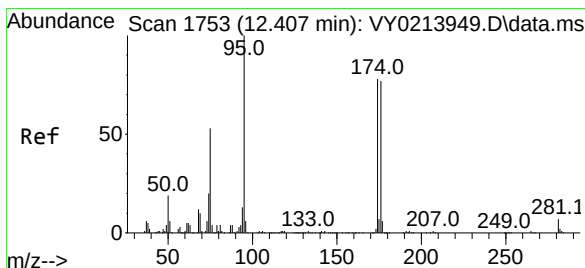
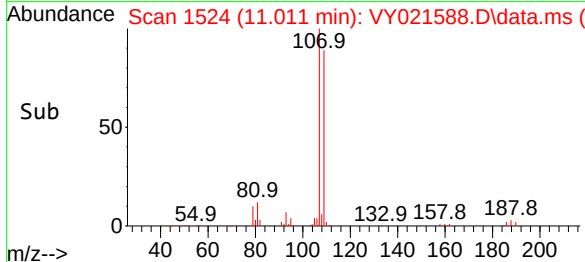
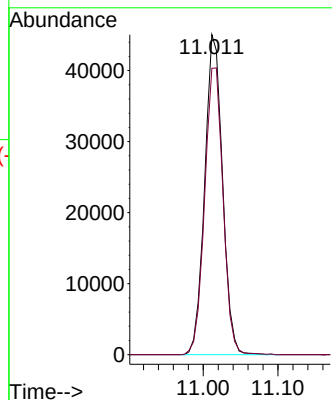
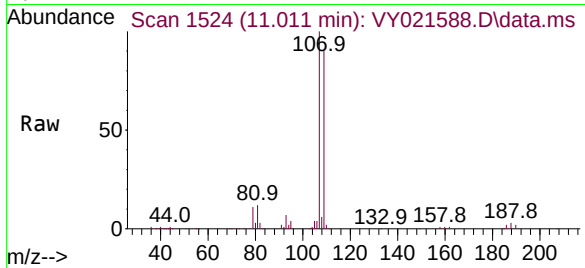




#61
1,2-Dibromoethane
Concen: 50.561 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

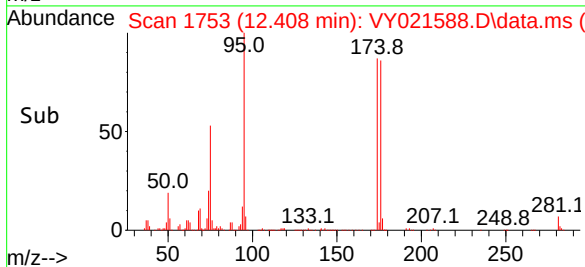
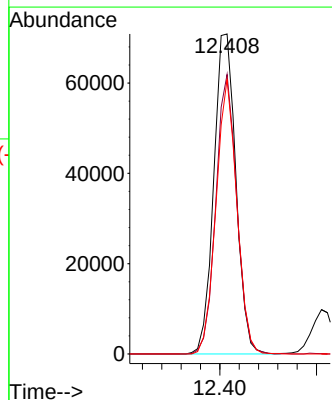
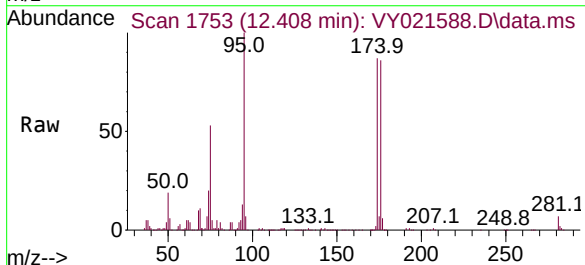
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

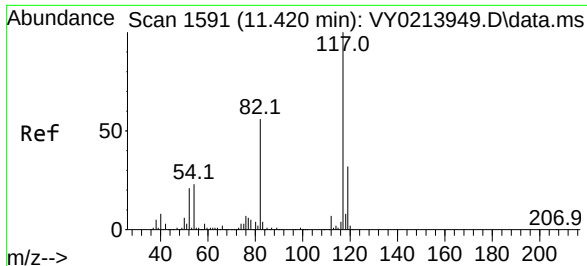
Tgt Ion:107 Resp: 74614
Ion Ratio Lower Upper
107 100
109 92.7 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 44.606 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 95 Resp: 112463
Ion Ratio Lower Upper
95 100
174 82.3 0.0 165.0
176 80.5 0.0 160.0

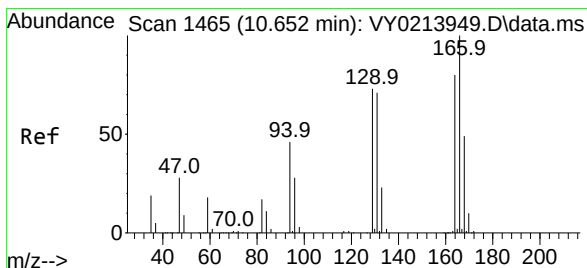
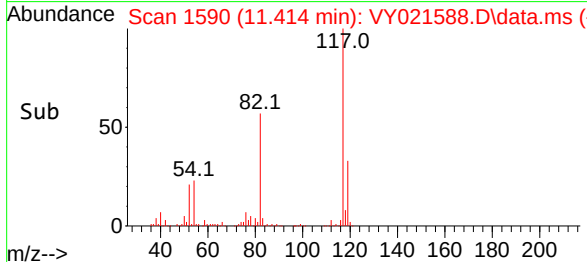
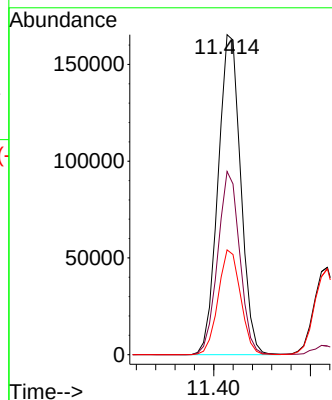
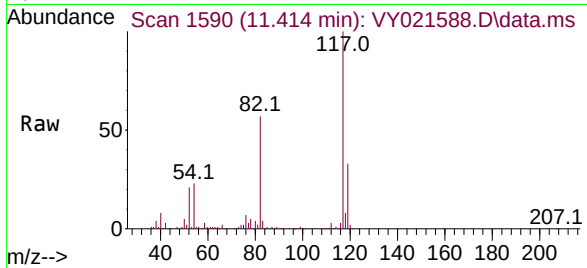




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

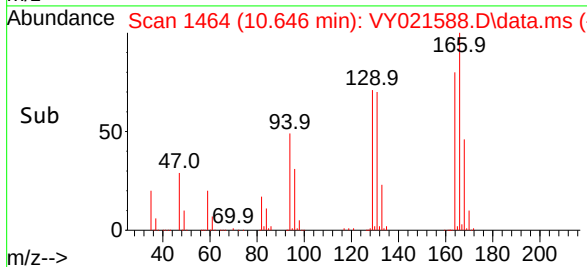
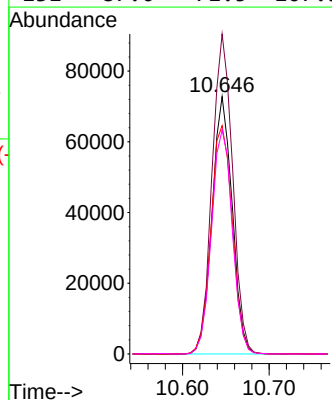
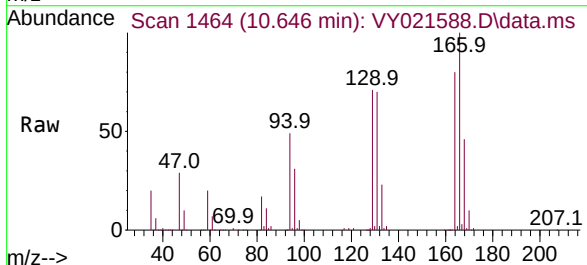
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

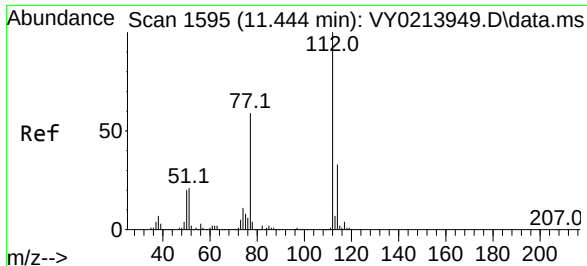
Tgt Ion:117 Resp: 268395
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 53.981 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:164 Resp: 117813
Ion Ratio Lower Upper
164 100
166 124.3 100.4 150.6
129 88.7 73.8 110.8
131 87.0 71.5 107.3

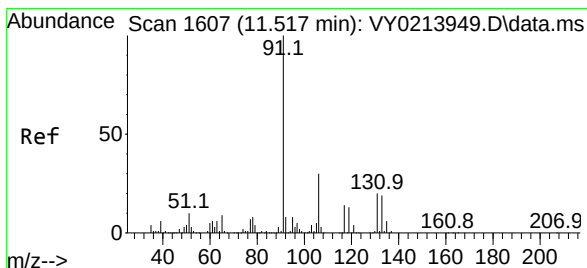
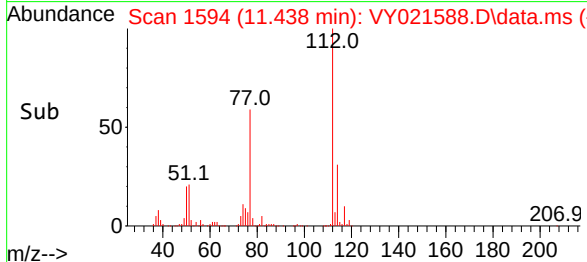
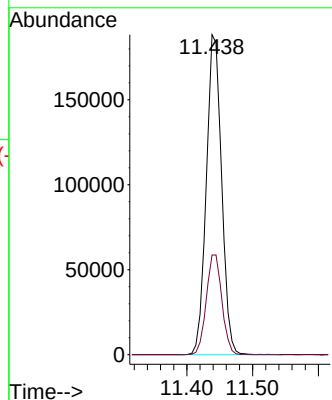
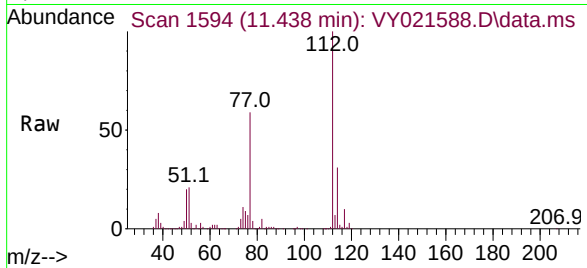




#65
Chlorobenzene
Concen: 48.036 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

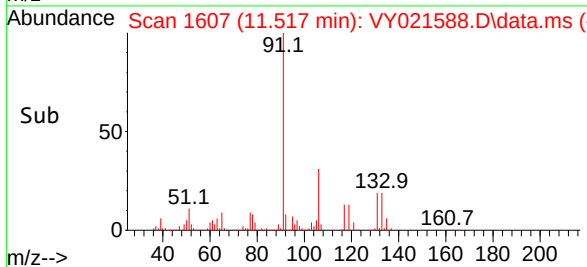
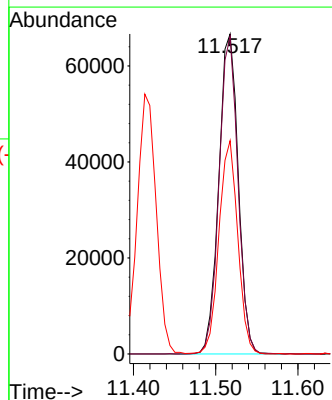
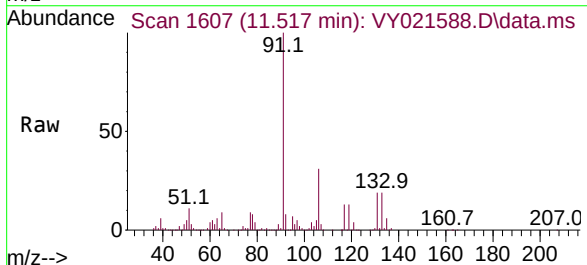
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

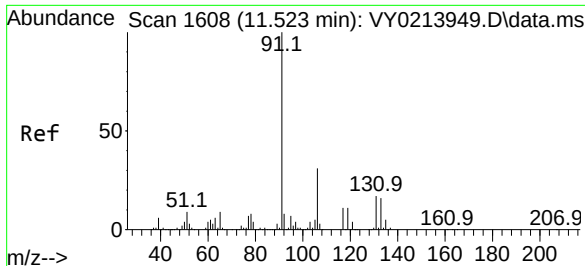
Tgt Ion:112 Resp: 304454
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.983 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:131 Resp: 109761
Ion Ratio Lower Upper
131 100
133 96.2 47.6 142.9
119 64.5 32.3 96.9





#67

Ethyl Benzene

Concen: 48.118 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

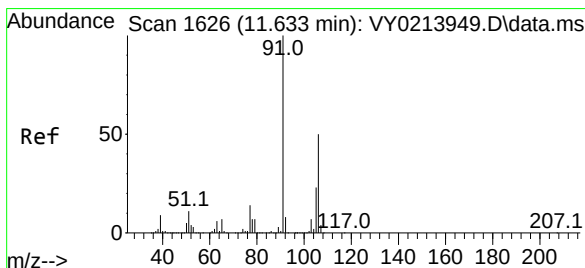
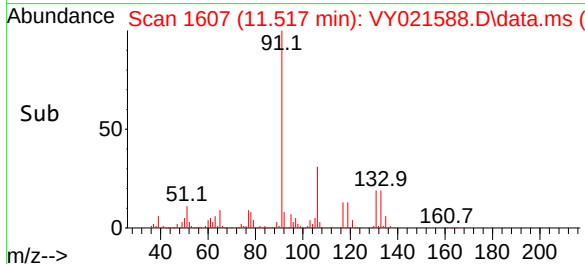
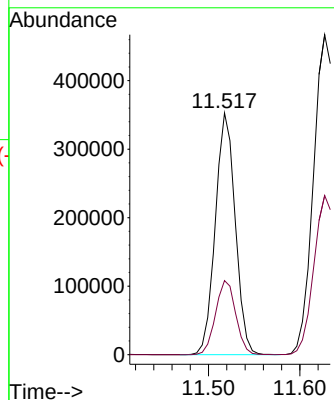
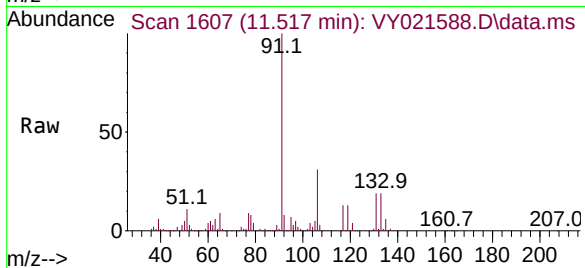
VSTDCCC050EC

Tgt Ion: 91 Resp: 535289

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 97.830 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021588.D

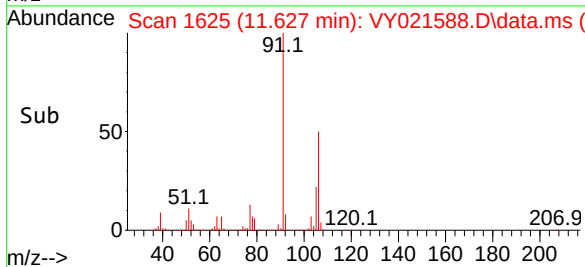
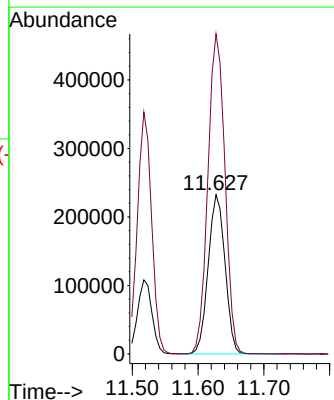
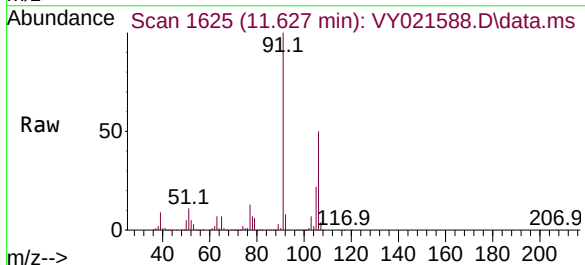
Acq: 20 Mar 2025 17:31

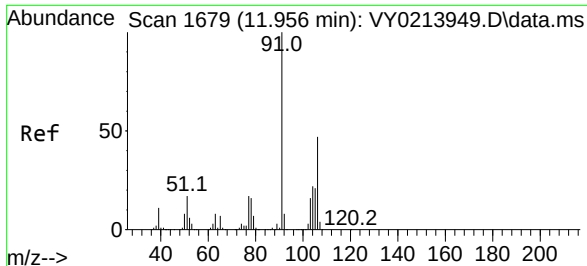
Tgt Ion:106 Resp: 413177

Ion Ratio Lower Upper

106 100

91 203.6 161.7 242.5

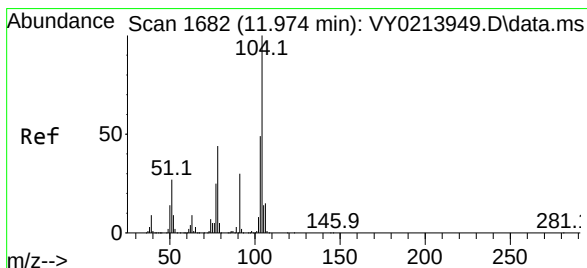
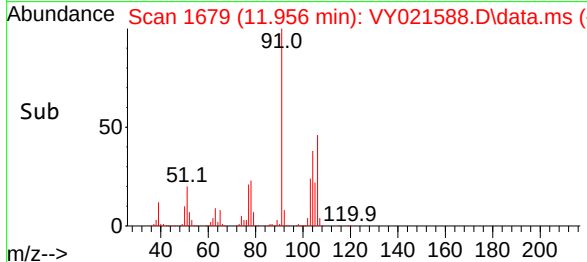
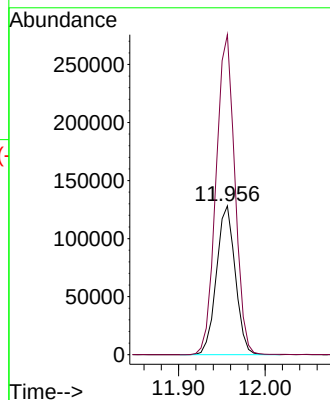
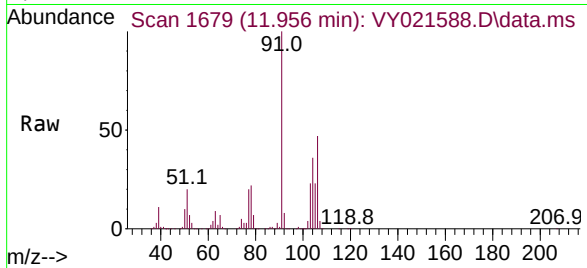




#69
o-Xylene
Concen: 49.651 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

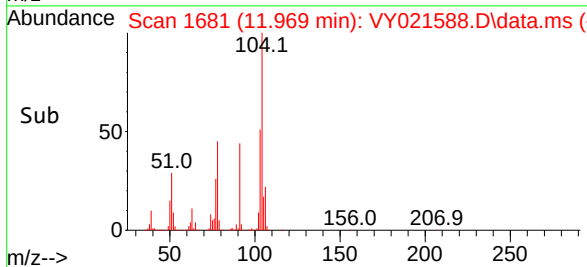
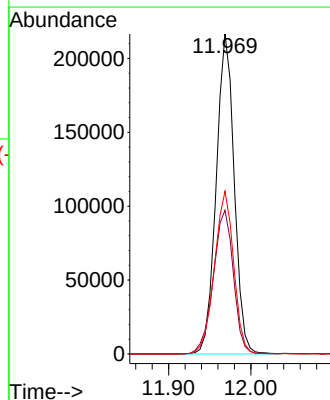
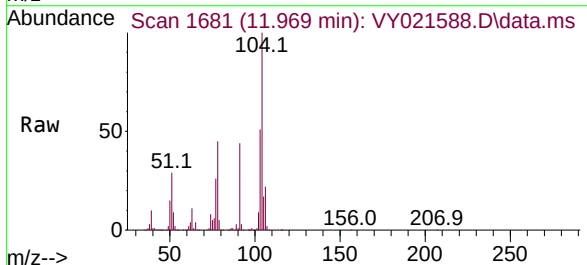
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

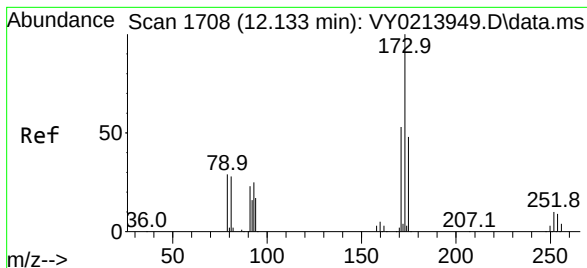
Tgt Ion:106 Resp: 193264
Ion Ratio Lower Upper
106 100
91 215.3 107.6 322.8



#70
Styrene
Concen: 51.093 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:104 Resp: 329928
Ion Ratio Lower Upper
104 100
78 50.0 40.7 61.1
103 54.5 44.1 66.1

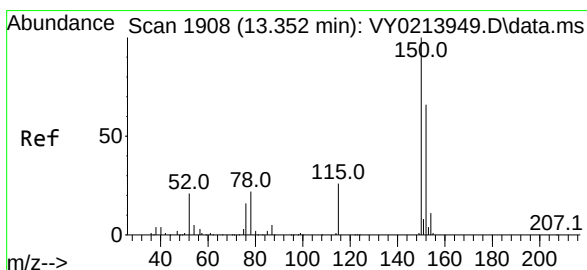
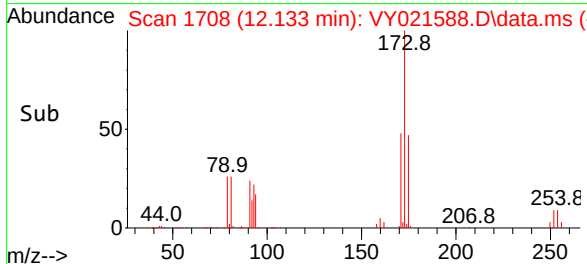
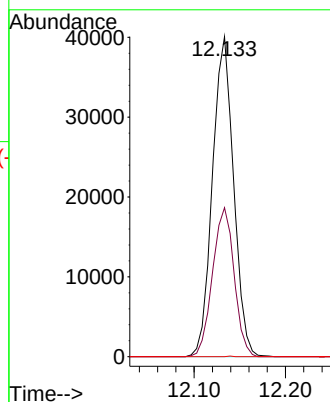
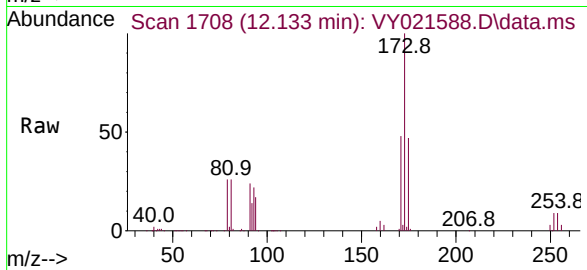




#71
Bromoform
Concen: 51.366 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

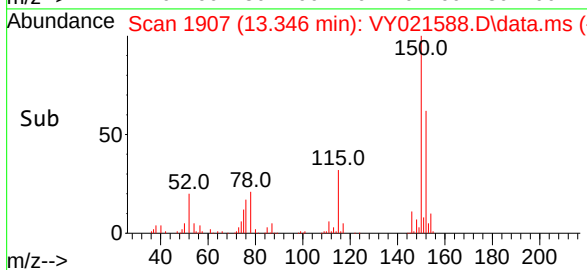
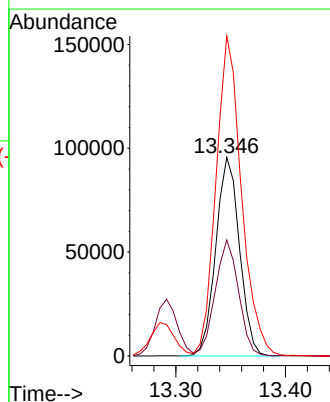
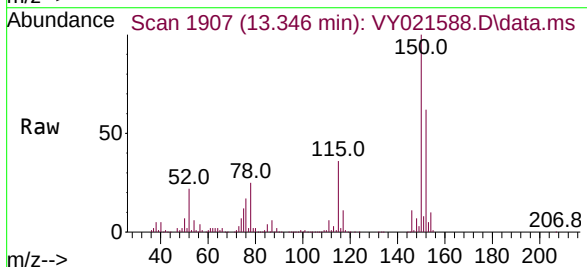
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

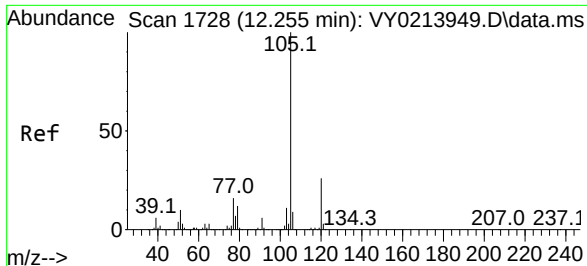
Tgt Ion:173 Resp: 64343
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:152 Resp: 143707
Ion Ratio Lower Upper
152 100
115 57.8 29.0 87.0
150 173.3 0.0 347.2

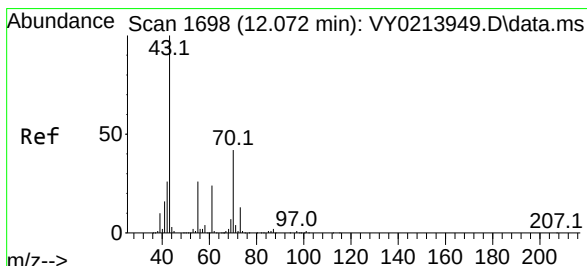
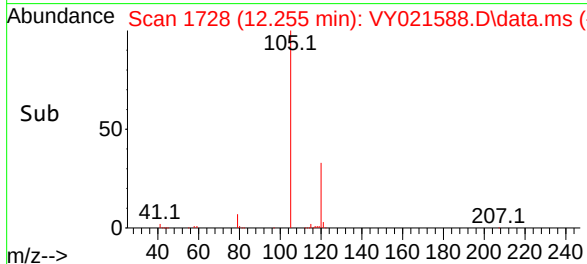
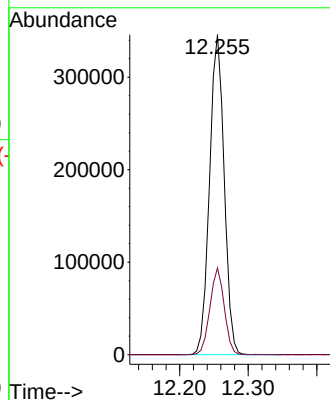
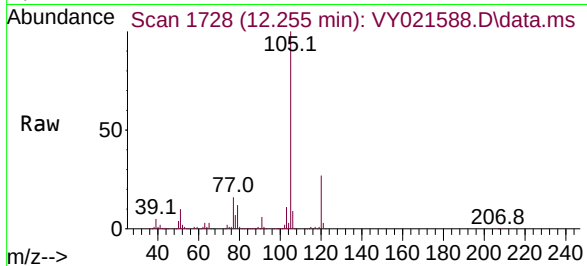




#73
Isopropylbenzene
Concen: 45.469 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

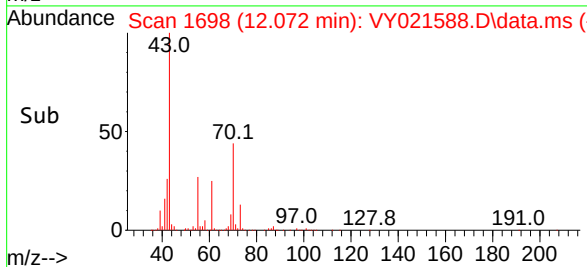
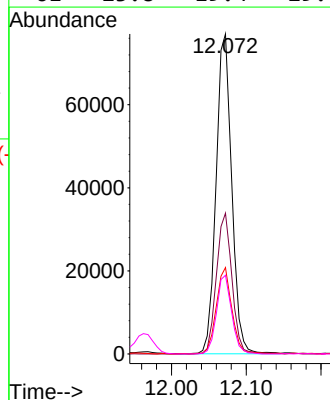
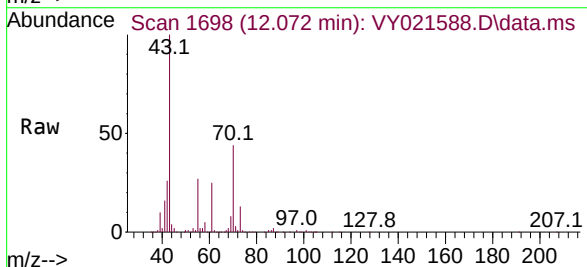
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

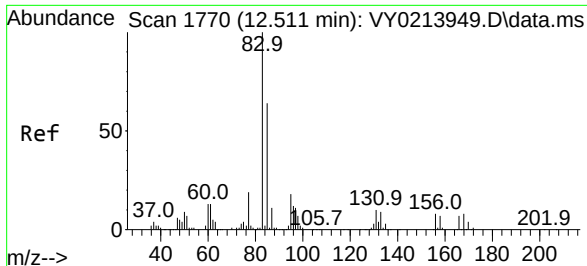
Tgt Ion:105 Resp: 514723
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 45.640 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 43 Resp: 112203
Ion Ratio Lower Upper
43 100
70 43.9 34.6 51.8
55 27.2 21.1 31.7
61 23.8 19.4 29.0

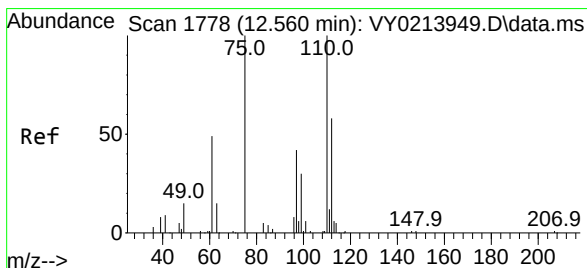
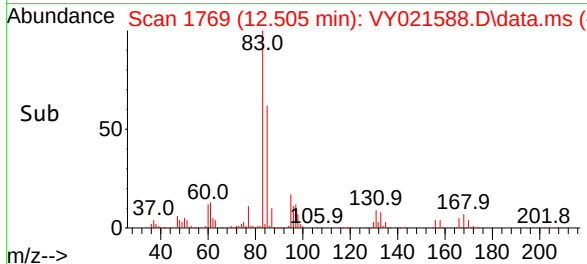
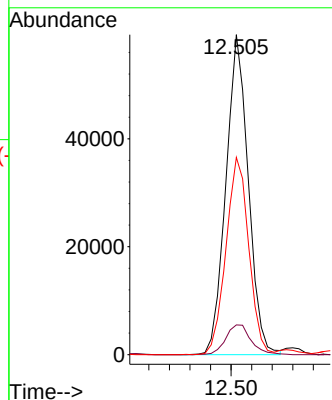
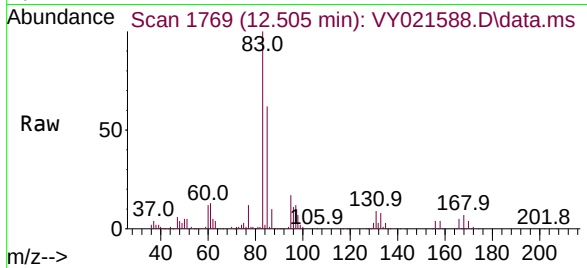




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.935 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

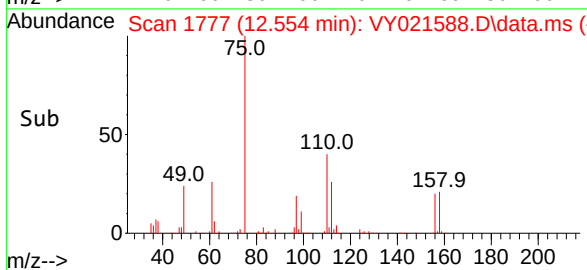
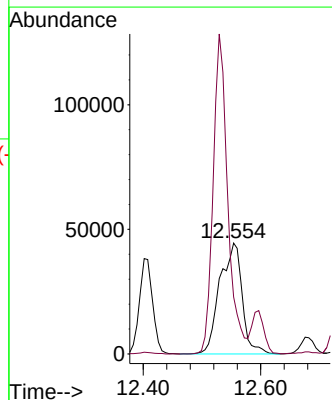
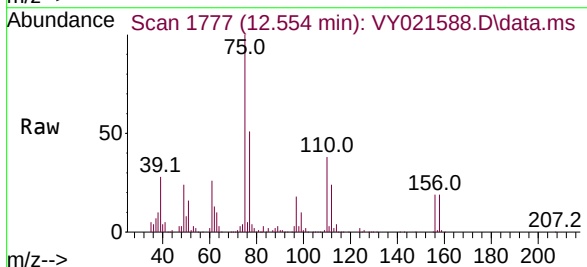
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

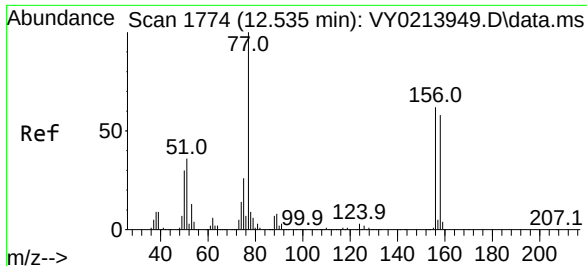
Tgt Ion: 83 Resp: 89764
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 16.1
 85 62.8 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 81.406 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion: 75 Resp: 117885
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

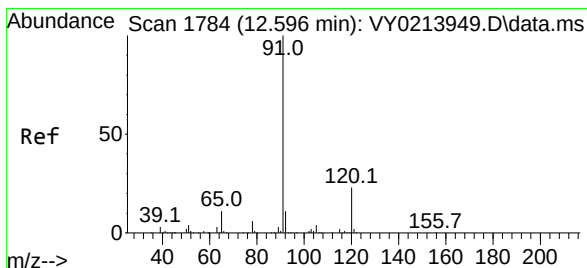
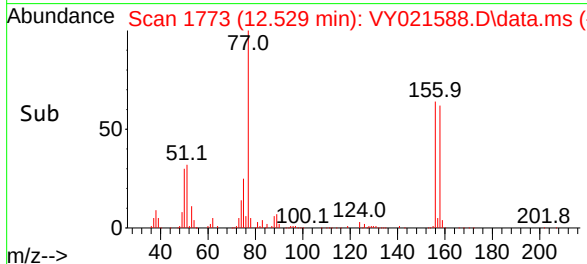
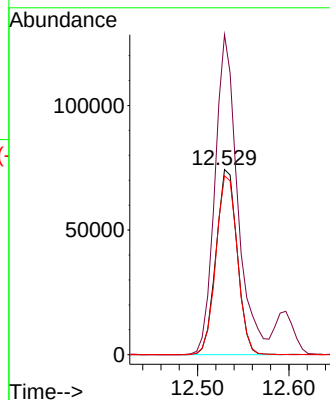
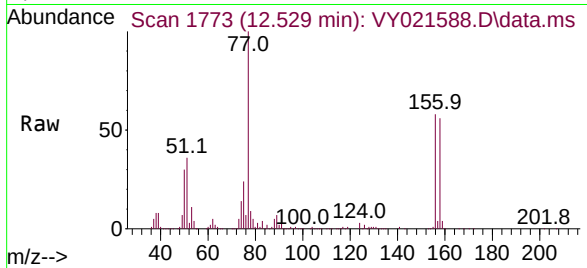




#77
Bromobenzene
Concen: 45.201 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

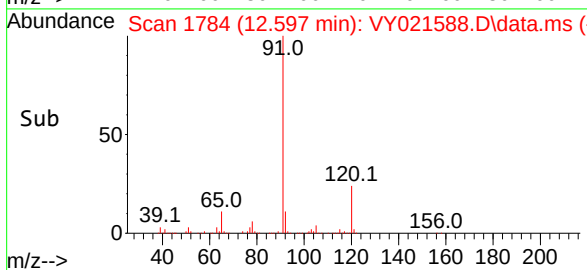
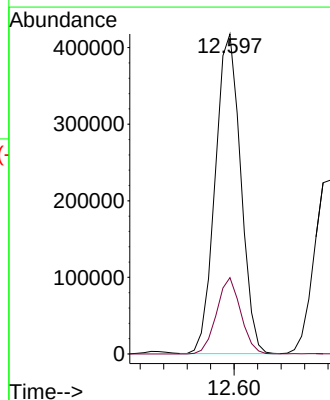
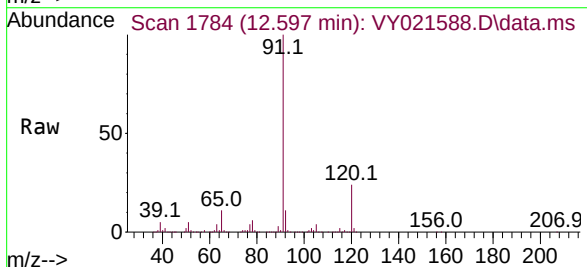
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

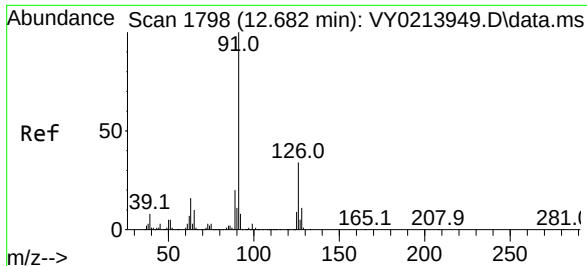
Tgt Ion:156 Resp: 119708
Ion Ratio Lower Upper
156 100
77 186.1 93.6 280.8
158 98.0 48.3 144.8



#78
n-propylbenzene
Concen: 45.718 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 91 Resp: 628536
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8

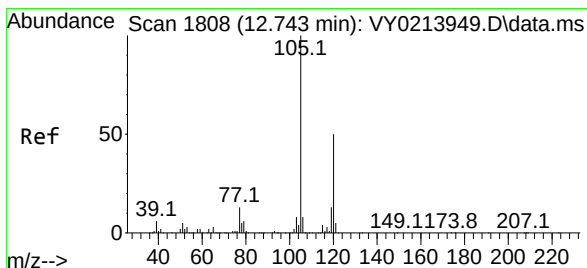
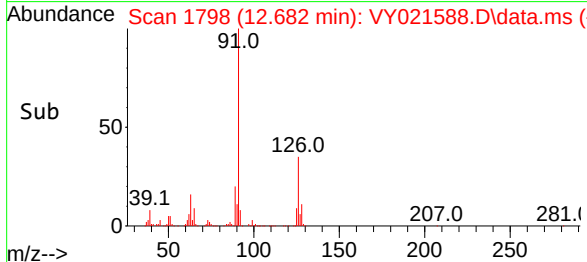
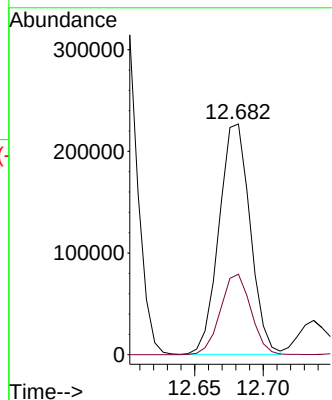
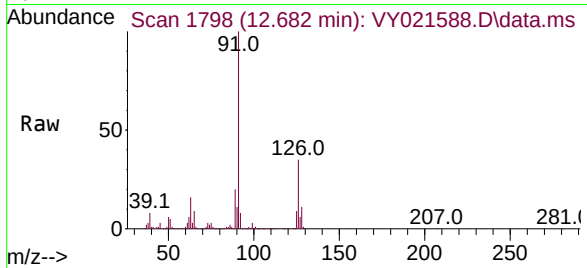




#79
2-Chlorotoluene
Concen: 45.699 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

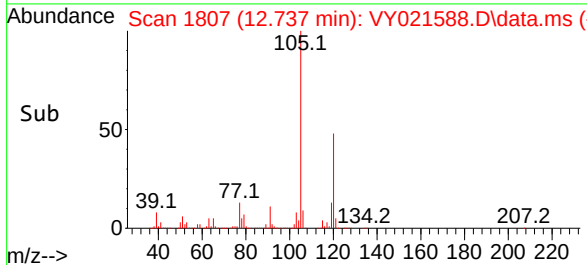
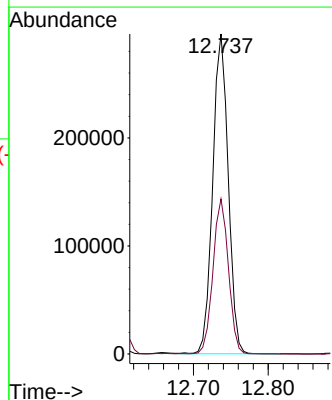
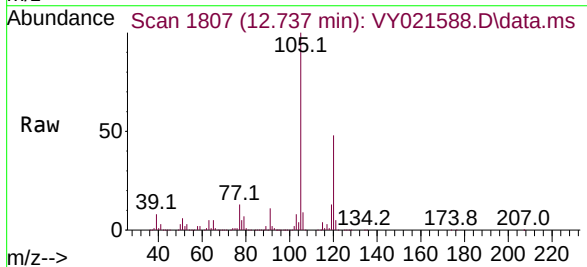
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

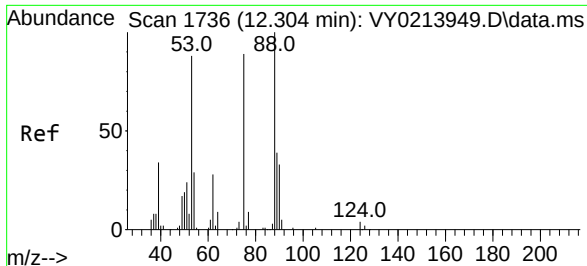
Tgt Ion: 91 Resp: 359245
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 46.296 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion: 105 Resp: 425903
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6

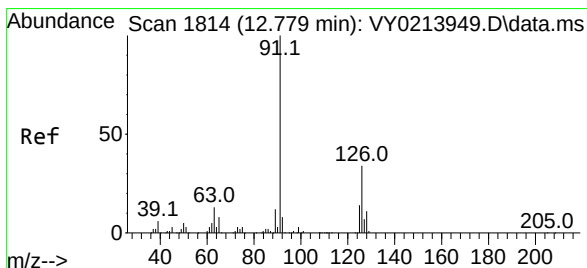
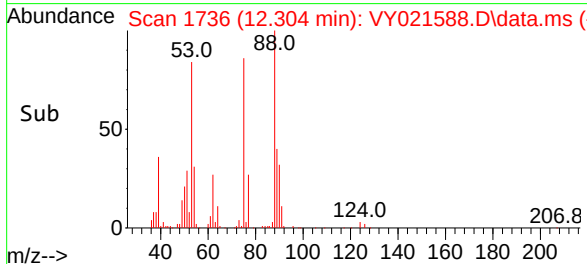
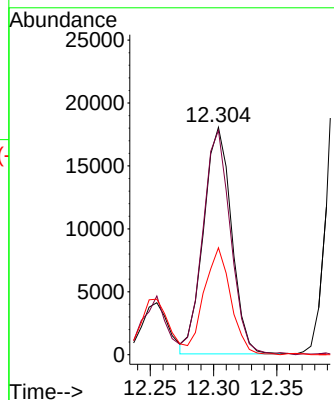
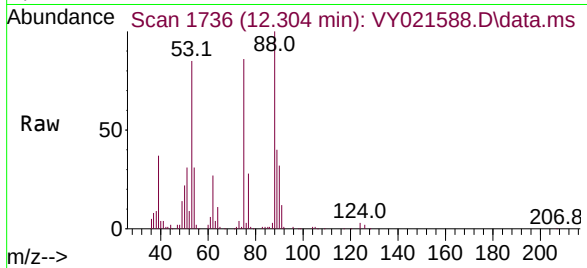




#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.607 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

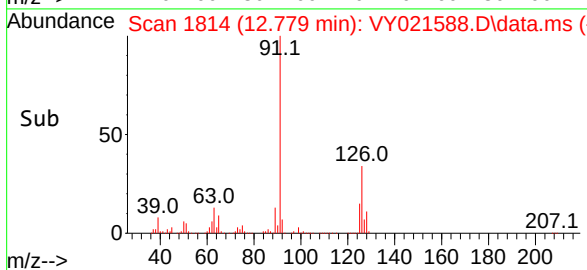
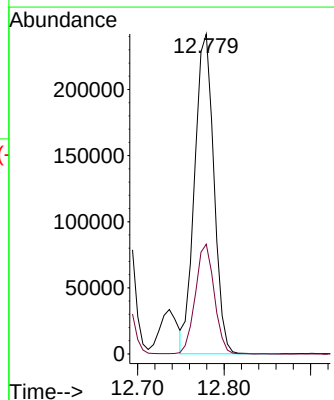
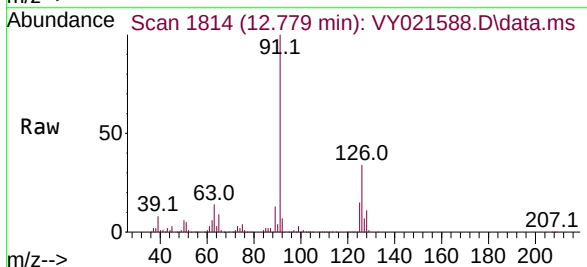
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

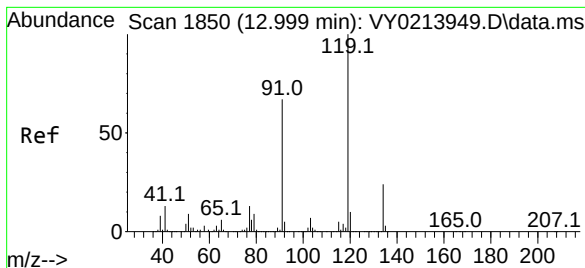
Tgt Ion: 75 Resp: 27778
 Ion Ratio Lower Upper
 75 100
 53 98.2 81.0 121.4
 89 44.6 36.9 55.3



#82
 4-Chlorotoluene
 Concen: 45.714 ug/l
 RT: 12.779 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion: 91 Resp: 372126
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.0 51.0

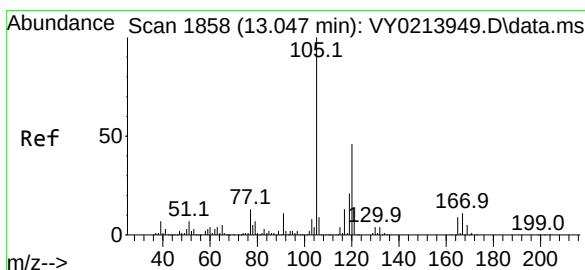
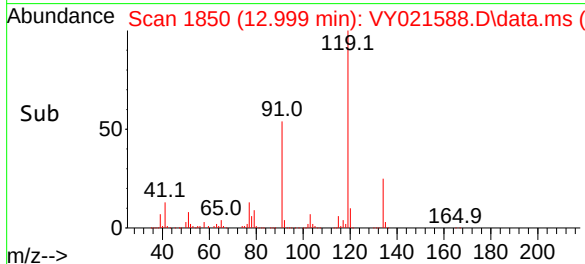
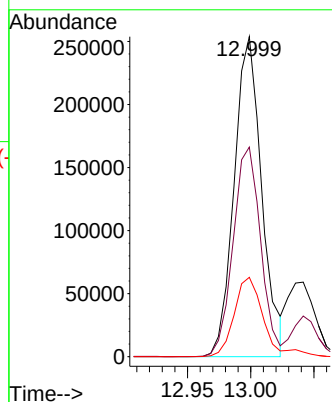
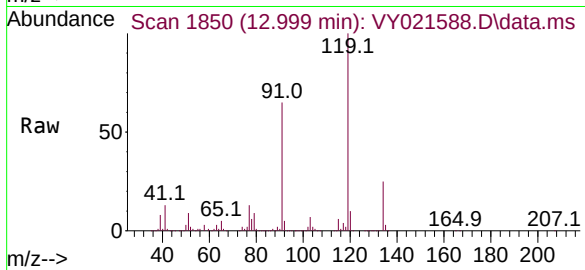




#83
 tert-Butylbenzene
 Concen: 46.882 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

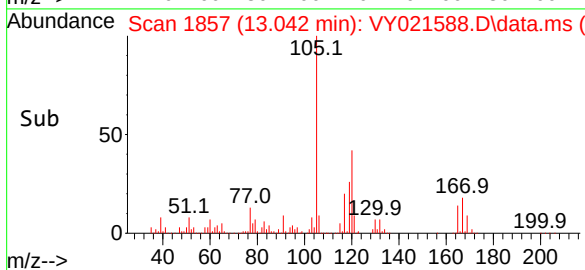
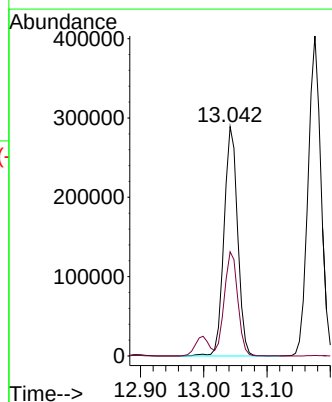
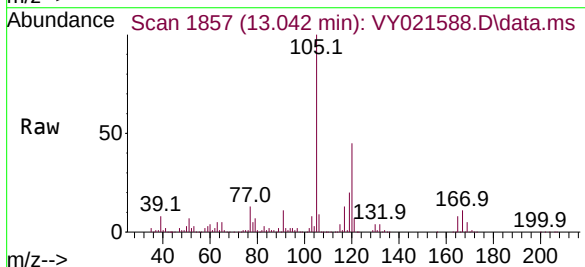
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

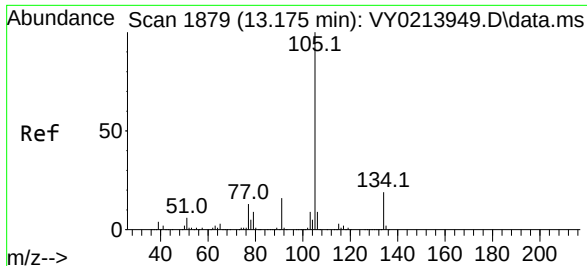
Tgt Ion:119 Resp: 384753
 Ion Ratio Lower Upper
 119 100
 91 65.5 33.2 99.6
 134 26.5 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.025 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion:105 Resp: 429520
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.7 68.1

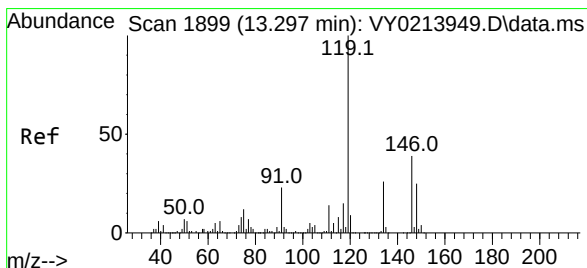
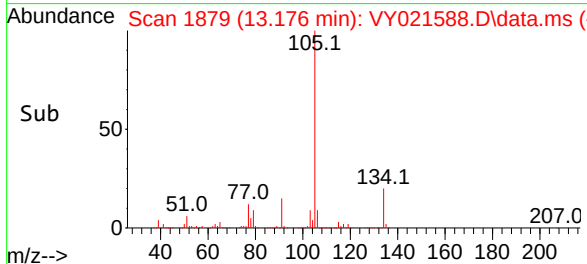
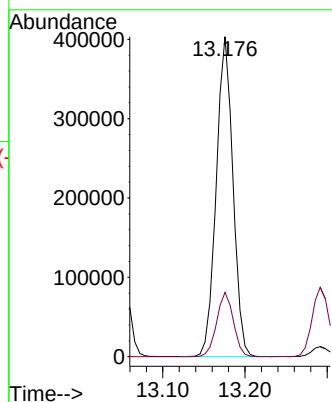
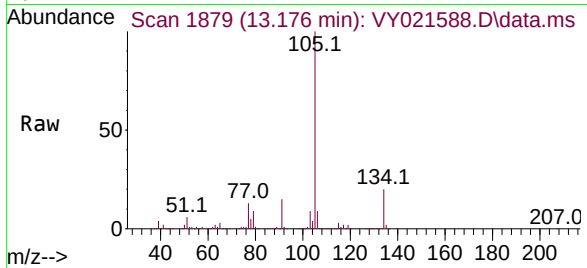




#85
 sec-Butylbenzene
 Concen: 46.603 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

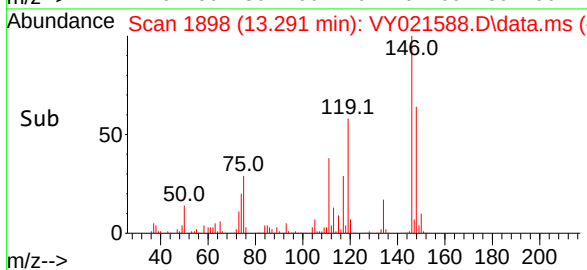
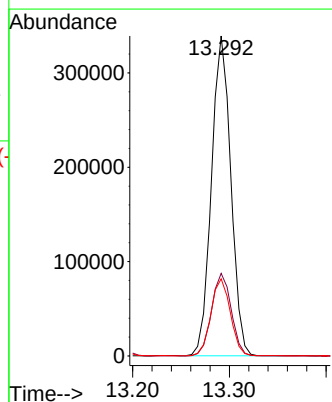
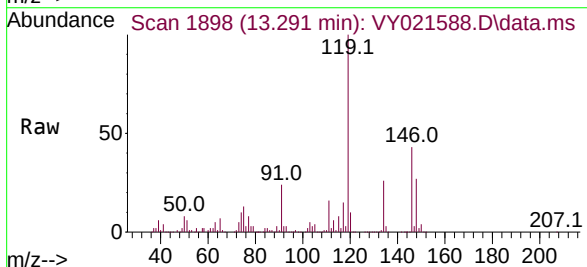
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

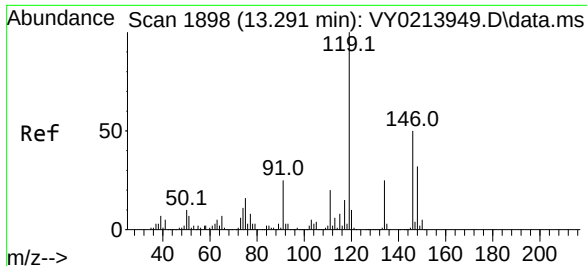
Tgt Ion:105 Resp: 569045
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 46.961 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion:119 Resp: 472407
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.2 12.2 36.6

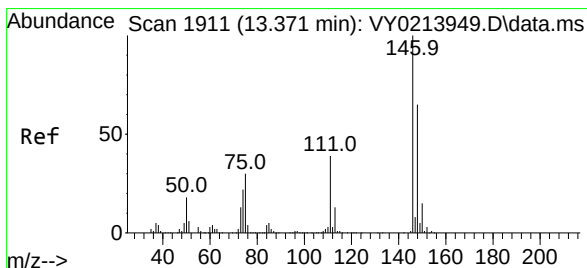
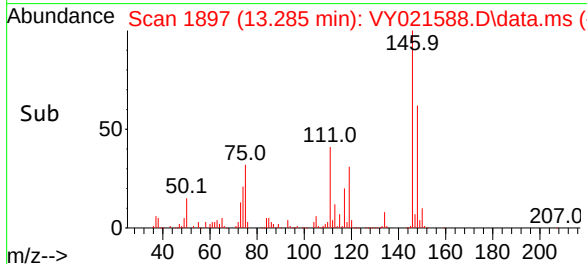
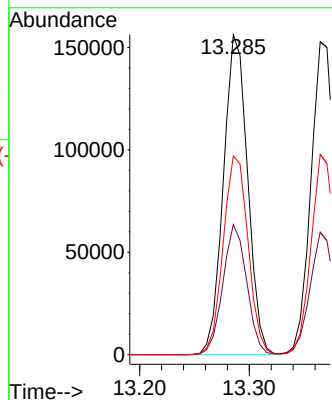
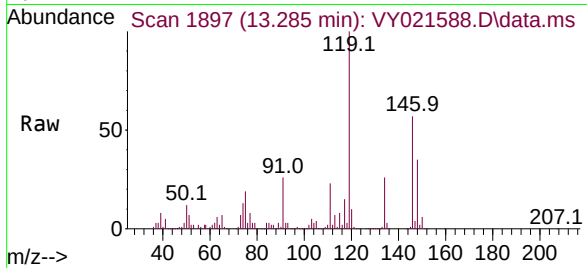




#87
1,3-Dichlorobenzene
Concen: 45.499 ug/l
RT: 13.285 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

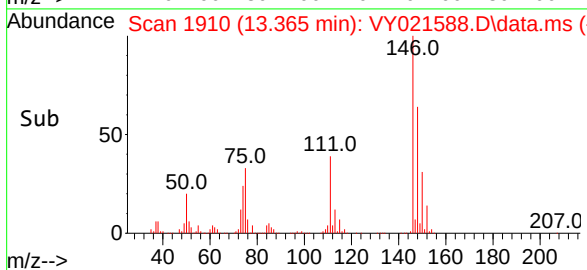
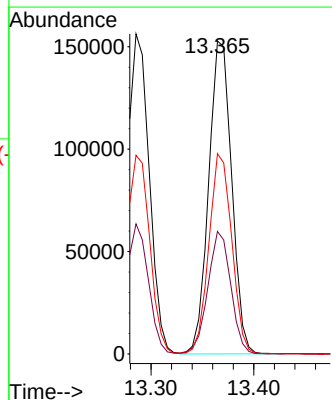
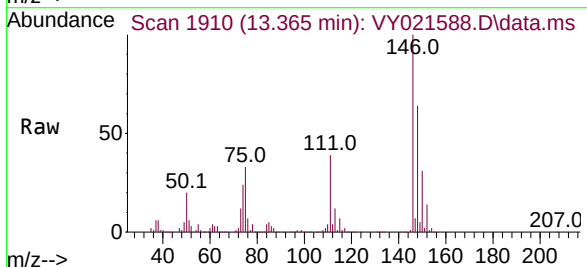
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

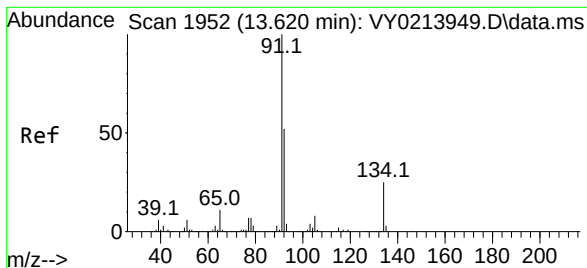
Tgt Ion:146 Resp: 239857
Ion Ratio Lower Upper
146 100
111 40.0 20.0 60.0
148 63.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 46.042 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:146 Resp: 237373
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.8
148 63.9 32.3 96.8





#89

n-Butylbenzene

Concen: 47.273 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021588.D

Acq: 20 Mar 2025 17:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

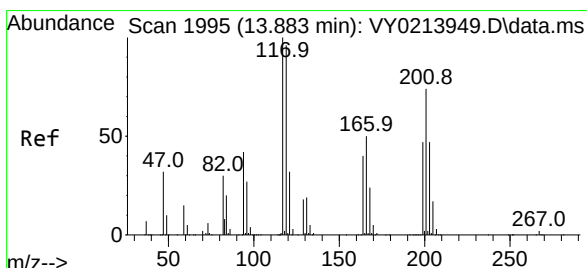
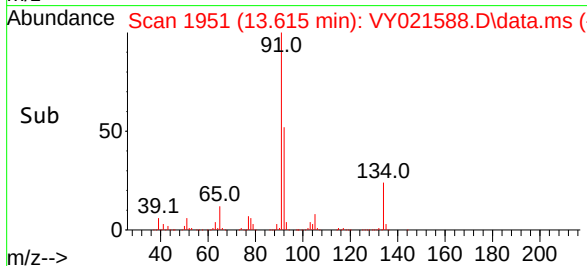
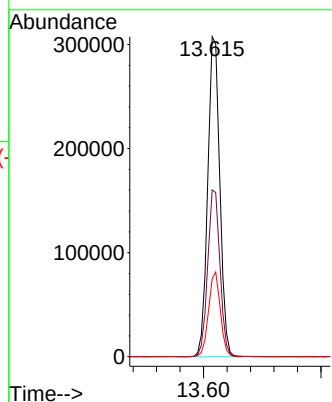
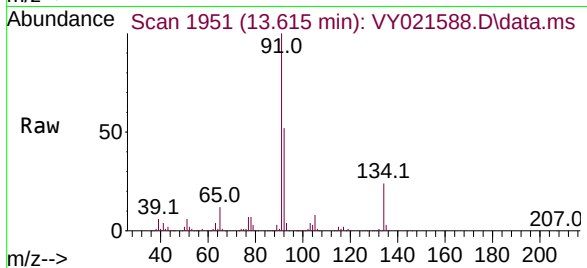
Tgt Ion: 91 Resp: 439119

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.3

134 25.7 12.6 37.8



#90

Hexachloroethane

Concen: 45.902 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021588.D

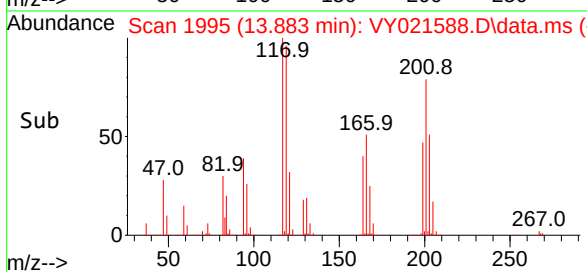
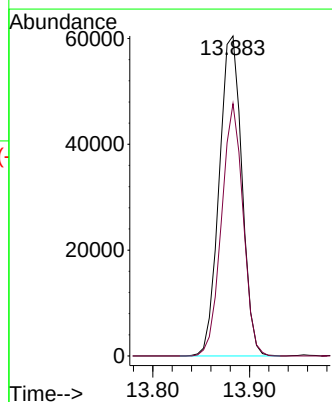
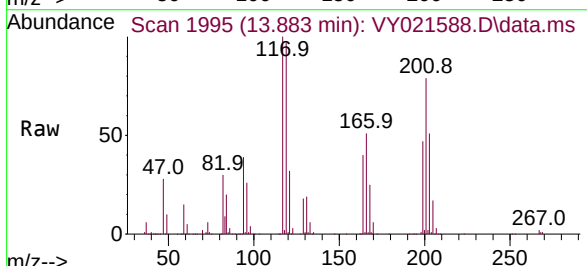
Acq: 20 Mar 2025 17:31

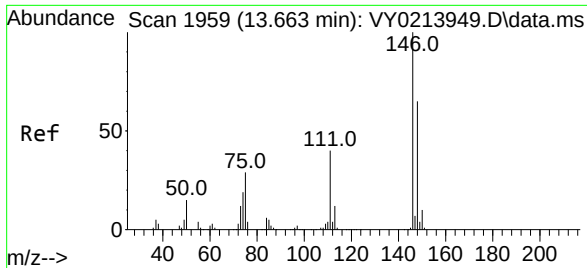
Tgt Ion: 117 Resp: 98507

Ion Ratio Lower Upper

117 100

201 74.7 37.4 112.2

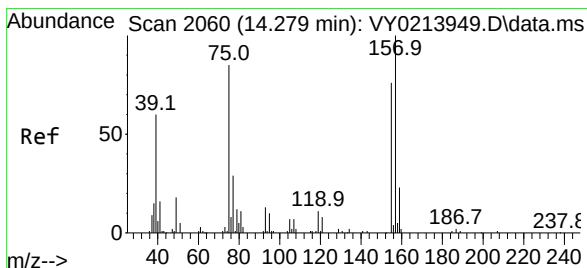
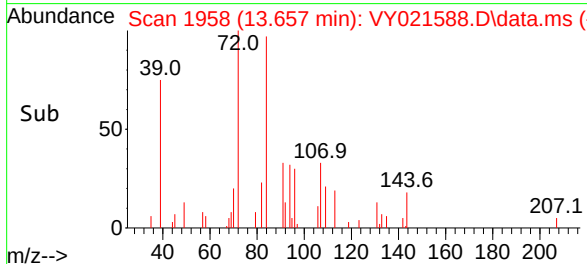
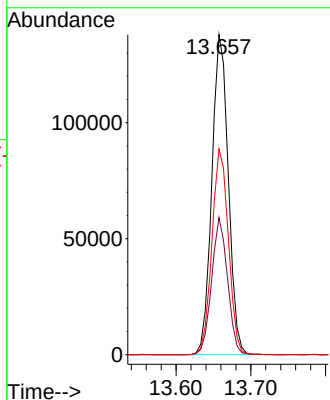
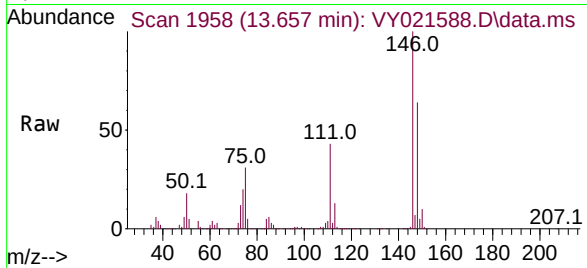




#91
 1,2-Dichlorobenzene
 Concen: 46.622 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

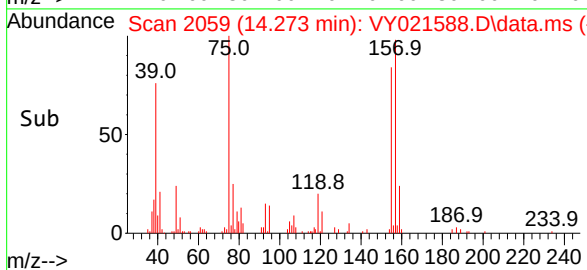
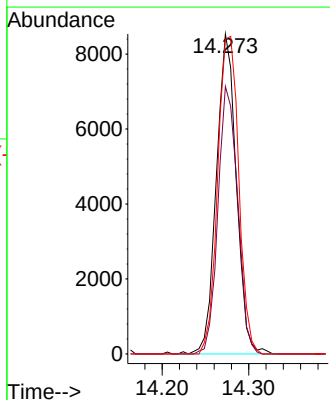
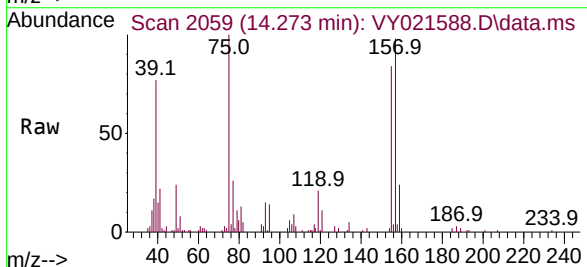
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 ClientSampleId :
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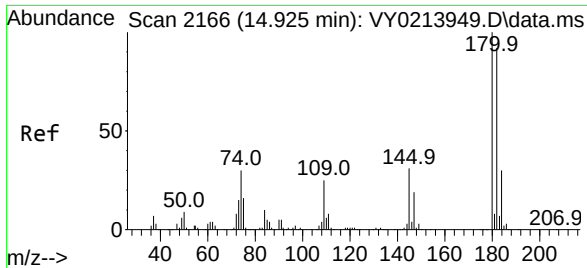
Tgt Ion:146 Resp: 210653
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.569 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion: 75 Resp: 13636
 Ion Ratio Lower Upper
 75 100
 155 82.4 43.5 130.5
 157 104.3 54.4 163.2

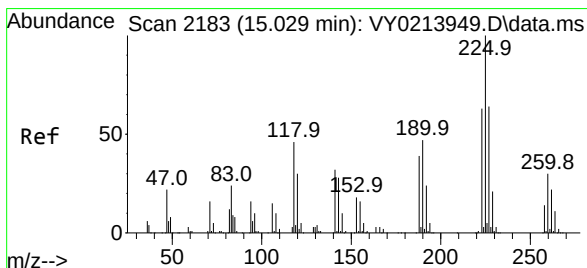
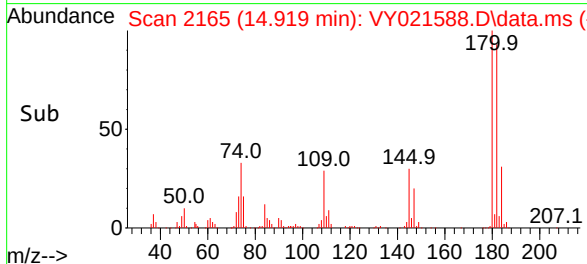
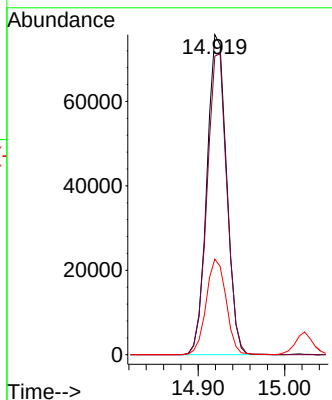
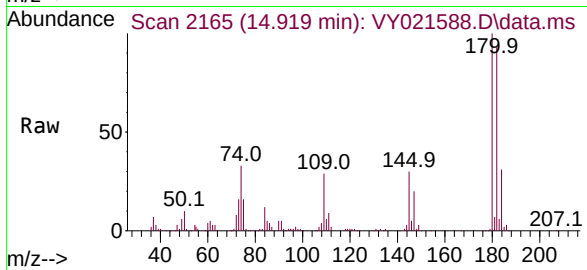




#93
 1,2,4-Trichlorobenzene
 Concen: 48.296 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

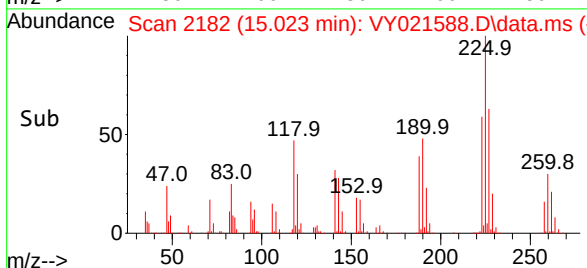
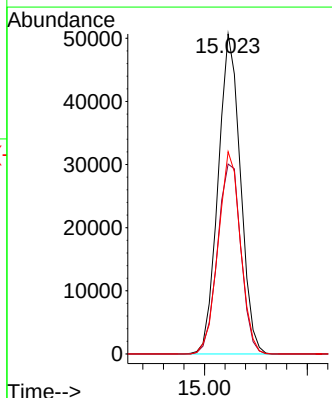
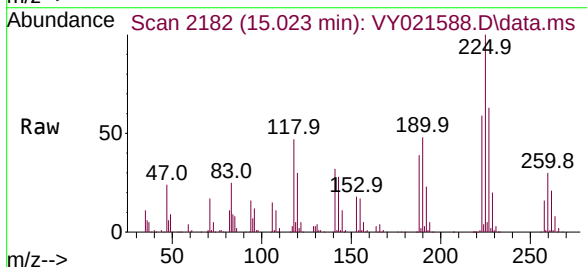
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

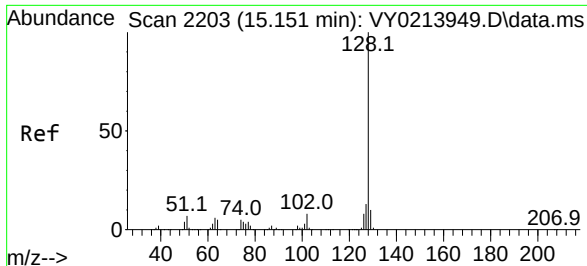
Tgt Ion:180 Resp: 119190
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.7 140.0
 145 30.4 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 49.258 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021588.D
 Acq: 20 Mar 2025 17:31

Tgt Ion:225 Resp: 76201
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.4 94.2
 227 63.2 31.8 95.4

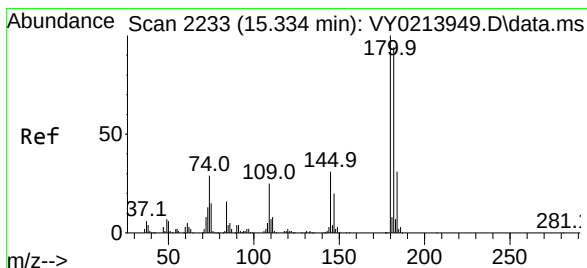
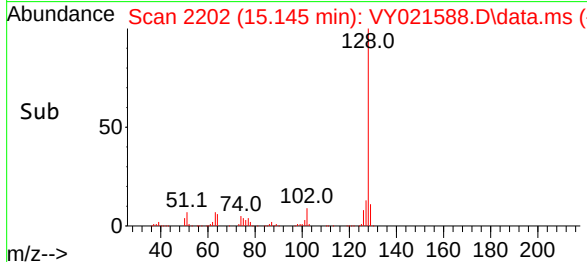
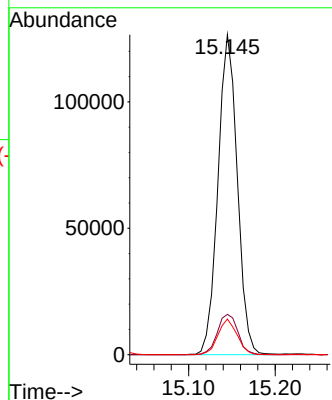
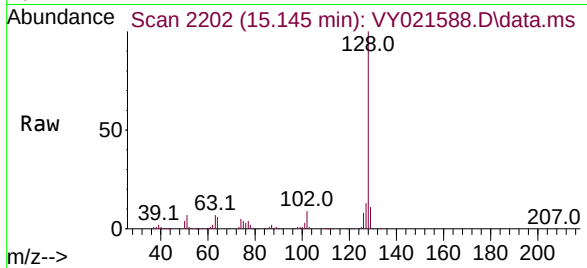




#95
Naphthalene
Concen: 47.410 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 196431
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.724 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY021588.D
Acq: 20 Mar 2025 17:31

Tgt Ion:180 Resp: 101132
Ion Ratio Lower Upper
180 100
182 94.0 47.2 141.6
145 32.0 16.4 49.1

