

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022329.D
 Acq On : 20 May 2025 08:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 21 01:42:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	180374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	298369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	252391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	120747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96211	48.805	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.620%
35) Dibromofluoromethane	7.634	113	90959	51.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.109	98	375501	51.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.408	95	111811	48.365	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	87856	46.679	ug/l	99
3) Chloromethane	2.068	50	197335	49.842	ug/l	100
4) Vinyl Chloride	2.202	62	274924	62.153	ug/l	97
5) Bromomethane	2.598	94	209168	58.088	ug/l	99
6) Chloroethane	2.733	64	182573	66.345	ug/l	100
7) Trichlorofluoromethane	3.050	101	251083	56.065	ug/l	100
8) Diethyl Ether	3.452	74	49275	45.847	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	99707	51.283	ug/l	98
10) Methyl Iodide	4.007	142	113213	50.311	ug/l	99
11) Tert butyl alcohol	4.860	59	32480	215.761	ug/l #	100
12) 1,1-Dichloroethene	3.793	96	96307	49.916	ug/l	98
13) Acrolein	3.653	56	26963	122.519	ug/l	94
14) Allyl chloride	4.379	41	152279	45.013	ug/l	94
15) Acrylonitrile	5.055	53	100495	226.925	ug/l	99
16) Acetone	3.873	43	82432	223.009	ug/l	90
17) Carbon Disulfide	4.104	76	308666	49.060	ug/l	99
18) Methyl Acetate	4.385	43	49112	42.141	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	249468	46.893	ug/l	99
20) Methylene Chloride	4.616	84	104952	43.941	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	105103	49.353	ug/l	91
22) Diisopropyl ether	6.019	45	328037	45.916	ug/l	99
23) Vinyl Acetate	5.958	43	945452	219.054	ug/l	97
24) 1,1-Dichloroethane	5.915	63	195759	49.046	ug/l	97
25) 2-Butanone	6.890	43	132386	214.116	ug/l	97
26) 2,2-Dichloropropane	6.884	77	176104	49.606	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	123269	50.159	ug/l	99
28) Bromochloromethane	7.244	49	84842	49.834	ug/l	96
29) Tetrahydrofuran	7.262	42	85738	215.541	ug/l	95
30) Chloroform	7.421	83	191099	49.916	ug/l	100
31) Cyclohexane	7.701	56	186740	46.827	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	174168	49.587	ug/l	99
36) 1,1-Dichloropropene	7.835	75	146745	50.028	ug/l	99
37) Ethyl Acetate	6.988	43	60741	43.038	ug/l	99
38) Carbon Tetrachloride	7.817	117	154127	50.762	ug/l	99
39) Methylcyclohexane	9.109	83	197541	50.127	ug/l	96
40) Benzene	8.079	78	439609	50.555	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	36655	39.153	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	113474	48.255	ug/l	100
43) Isopropyl Acetate	8.195	43	132355	43.001	ug/l #	86
44) Trichloroethene	8.866	130	108566	50.212	ug/l	96
45) 1,2-Dichloropropane	9.140	63	103106	49.181	ug/l	98
46) Dibromomethane	9.231	93	54532	48.227	ug/l	97
47) Bromodichloromethane	9.420	83	145860	49.724	ug/l	100
48) Methyl methacrylate	9.219	41	61712	42.873	ug/l	94
49) 1,4-Dioxane	9.231	88	12080	945.674	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	328310	217.386	ug/l	97
52) Toluene	10.170	92	272032	49.403	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	136680	47.744	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	157453	48.006	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	69620	48.082	ug/l	98
56) Ethyl methacrylate	10.438	69	103441	45.862	ug/l	97
57) 1,3-Dichloropropane	10.719	76	124485	48.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	228868	226.074	ug/l	99
59) 2-Hexanone	10.762	43	216713	214.015	ug/l	97
60) Dibromochloromethane	10.914	129	90557	48.185	ug/l	100
61) 1,2-Dibromoethane	11.018	107	64317	47.659	ug/l	99
64) Tetrachloroethene	10.646	164	118778	50.915	ug/l	98
65) Chlorobenzene	11.444	112	283164	49.729	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	96653	49.374	ug/l	99
67) Ethyl Benzene	11.518	91	534980	50.166	ug/l	100
68) m/p-Xylenes	11.627	106	405451	100.899	ug/l	98
69) o-Xylene	11.956	106	186251	48.989	ug/l	100
70) Styrene	11.969	104	316649	49.374	ug/l	98
71) Bromoform	12.133	173	48192	45.610	ug/l #	99
73) Isopropylbenzene	12.255	105	500715	50.055	ug/l	99
74) N-amyl acetate	12.072	43	122315	42.753	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	71869	46.716	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	105870	86.545	ug/l #	100
77) Bromobenzene	12.536	156	101902	47.696	ug/l	99
78) n-propylbenzene	12.597	91	611228	50.658	ug/l	100
79) 2-Chlorotoluene	12.682	91	320605	48.352	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	398122	49.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	26577	44.011	ug/l	96
82) 4-Chlorotoluene	12.780	91	331061	48.542	ug/l	99
83) tert-Butylbenzene	12.999	119	353055	49.191	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	390297	48.690	ug/l	98
85) sec-Butylbenzene	13.176	105	535889	50.299	ug/l	100
86) p-Isopropyltoluene	13.292	119	448789	50.085	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	211690	48.536	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	200827	47.869	ug/l	99
89) n-Butylbenzene	13.615	91	430086	50.735	ug/l	99
90) Hexachloroethane	13.883	117	88228	48.777	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	175805	47.987	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11289	45.506	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	98395	46.496	ug/l	99
94) Hexachlorobutadiene	15.023	225	54240	45.960	ug/l	99
95) Naphthalene	15.145	128	179488	44.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	82076	45.719	ug/l	99

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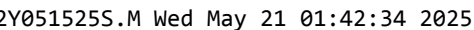
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

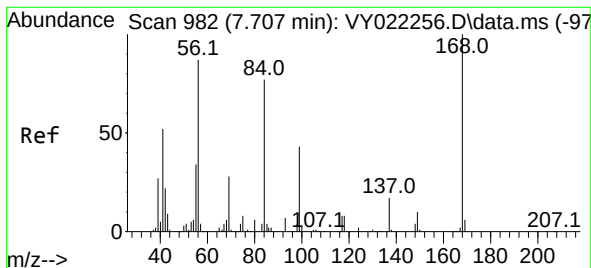
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

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ClientSampleId :

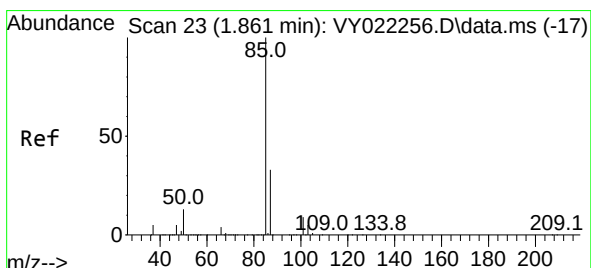
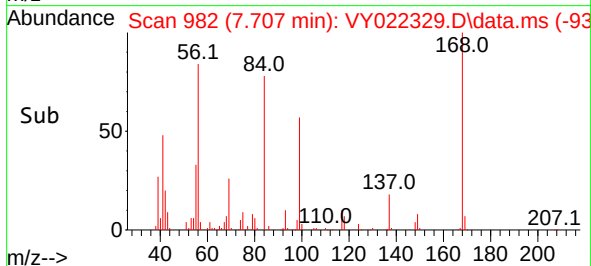
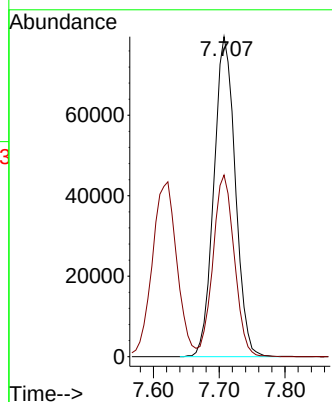
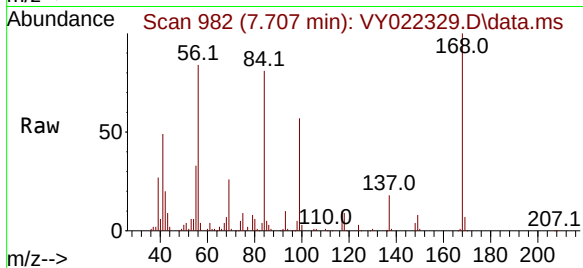
VSTDCCC050

Tgt Ion:168 Resp: 180374

Ion Ratio Lower Upper

168 100

99 56.7 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 46.679 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY022329.D

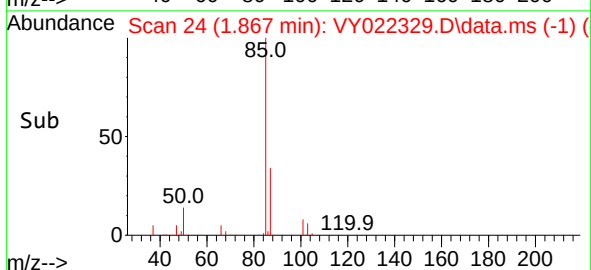
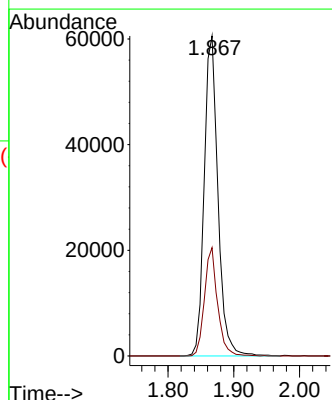
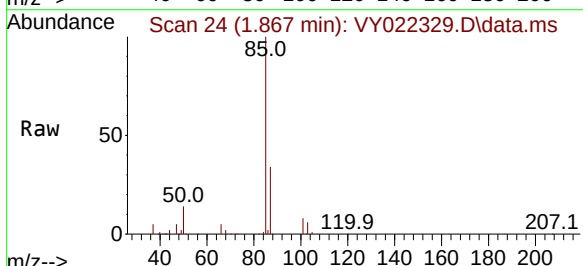
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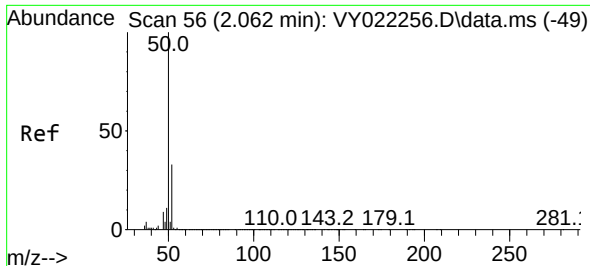
Tgt Ion: 85 Resp: 87856

Ion Ratio Lower Upper

85 100

87 33.8 16.5 49.5

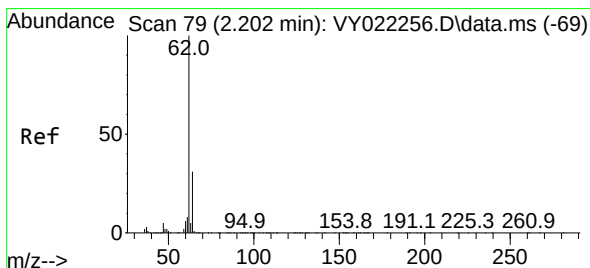
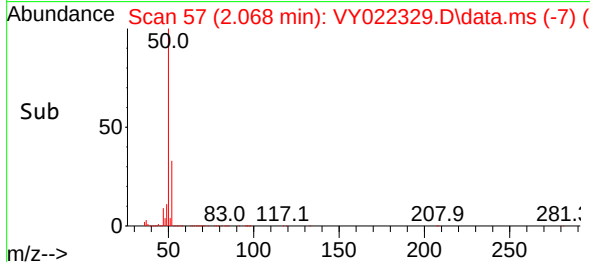
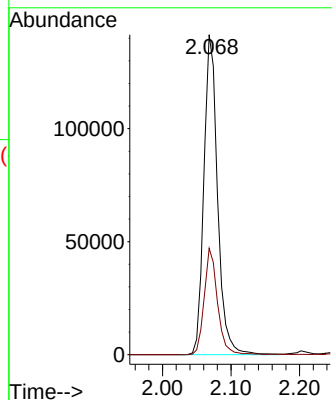
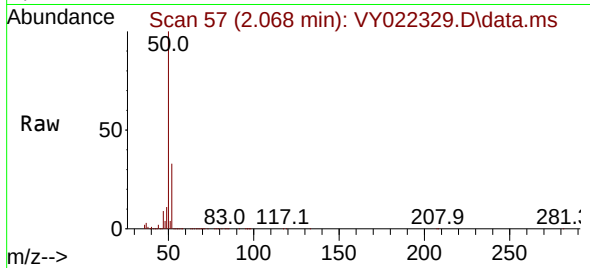




#3
Chloromethane
Concen: 49.842 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022329.D
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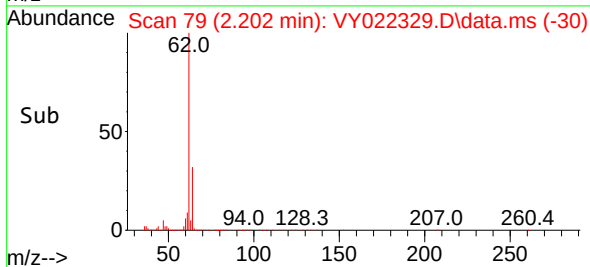
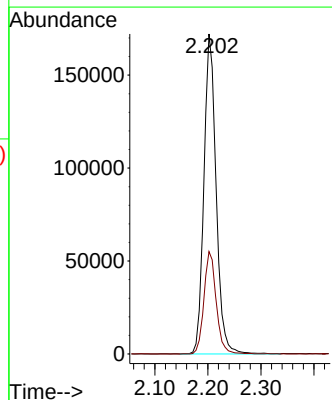
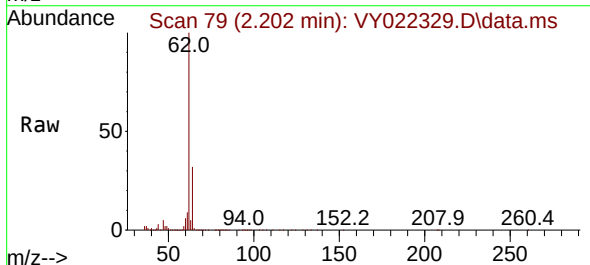
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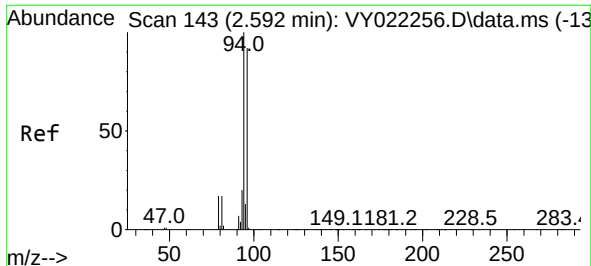
Tgt Ion: 50 Resp: 197335
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7



#4
Vinyl Chloride
Concen: 62.153 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 62 Resp: 274924
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7

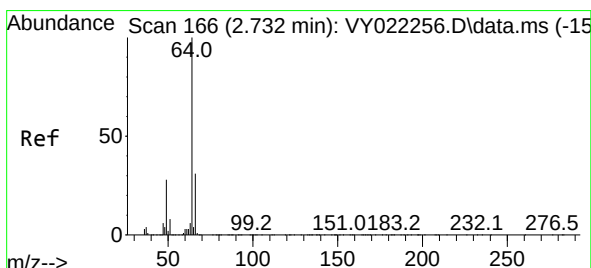
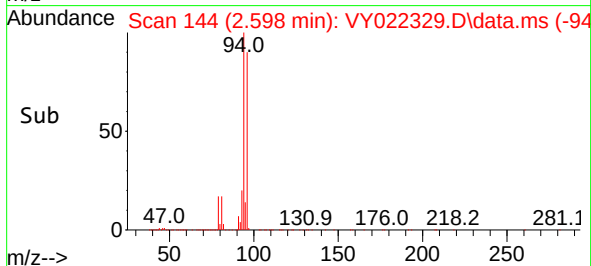
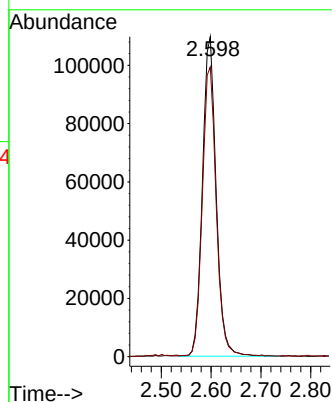
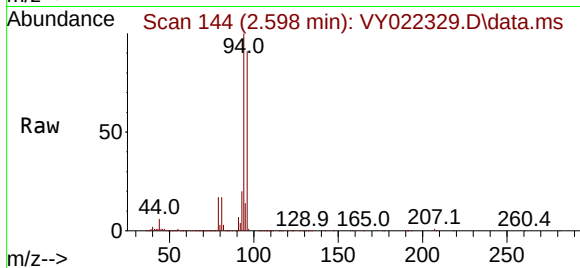




#5
Bromomethane
Concen: 58.088 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

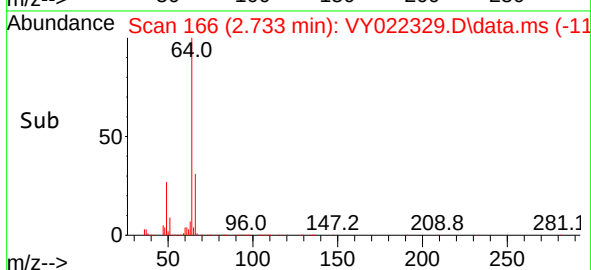
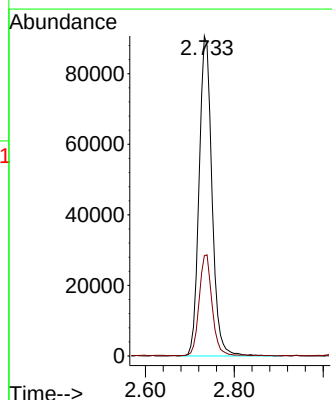
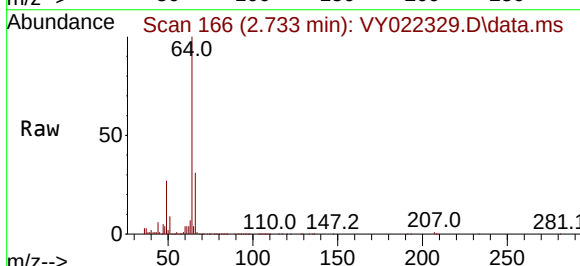
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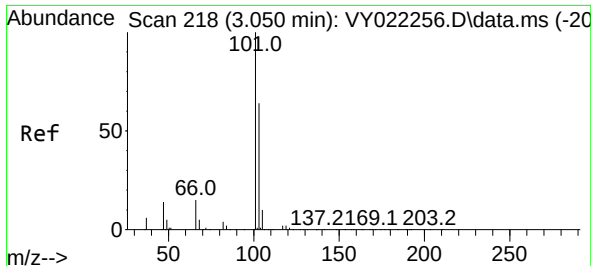
Tgt Ion: 94 Resp: 209168
Ion Ratio Lower Upper
94 100
96 90.5 73.4 110.0



#6
Chloroethane
Concen: 66.345 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 64 Resp: 182573
Ion Ratio Lower Upper
64 100
66 31.2 24.8 37.2

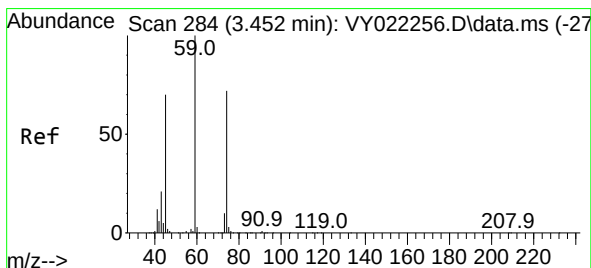
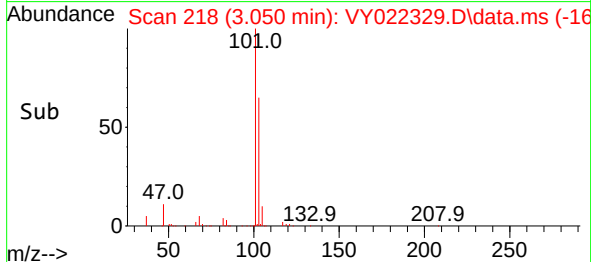
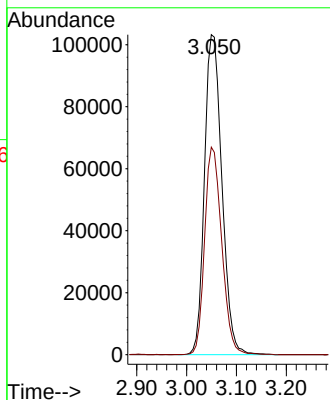
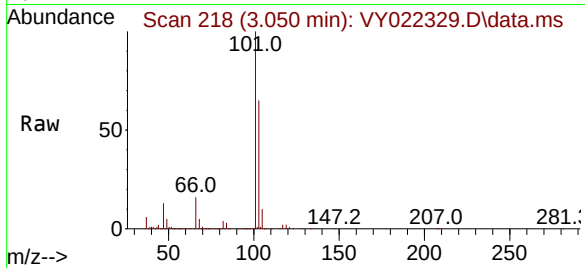




#7
Trichlorofluoromethane
Concen: 56.065 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022329.D
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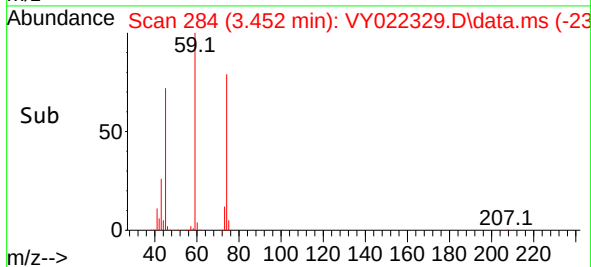
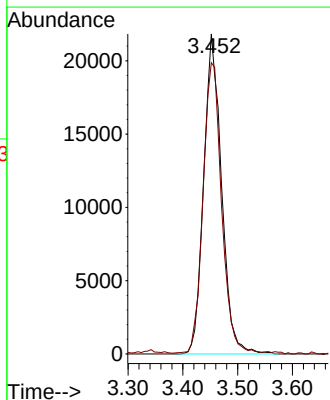
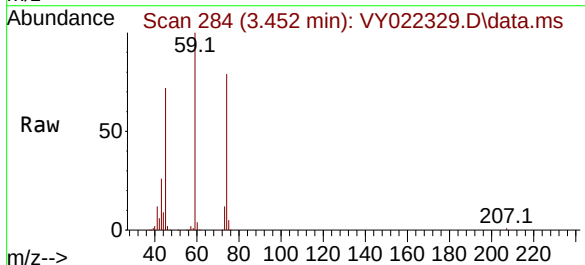
Instrument :
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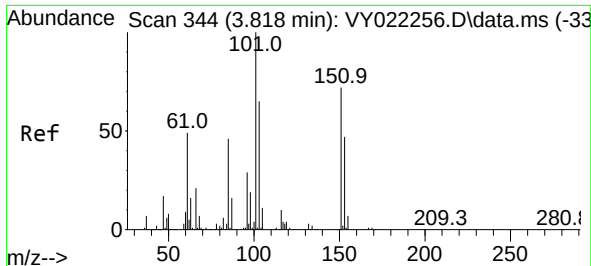
Tgt Ion:101 Resp: 251083
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5



#8
Diethyl Ether
Concen: 45.847 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 74 Resp: 49275
Ion Ratio Lower Upper
74 100
45 93.9 48.6 145.8

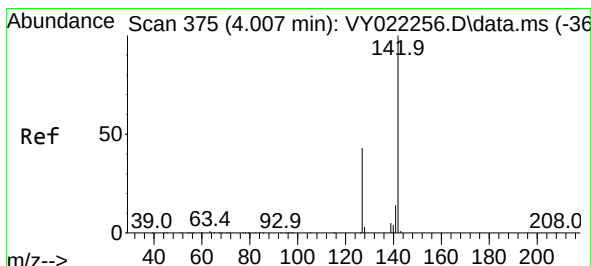
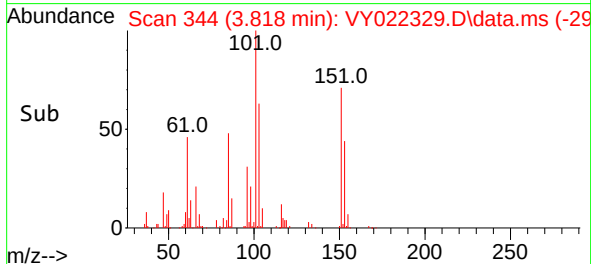
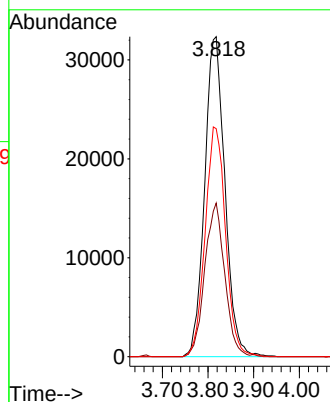
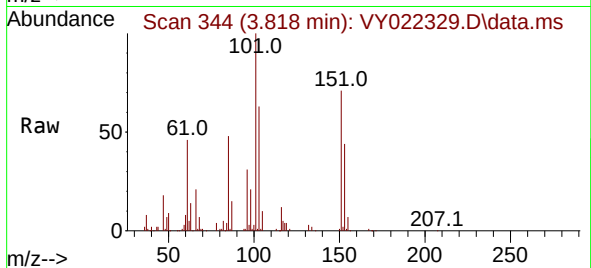




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.283 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
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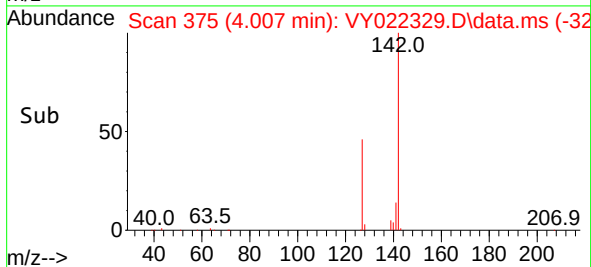
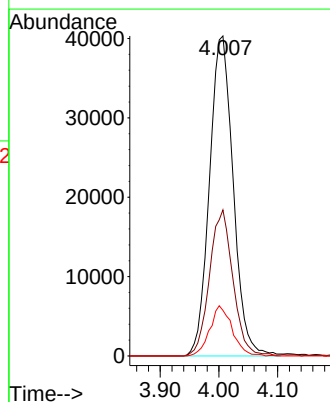
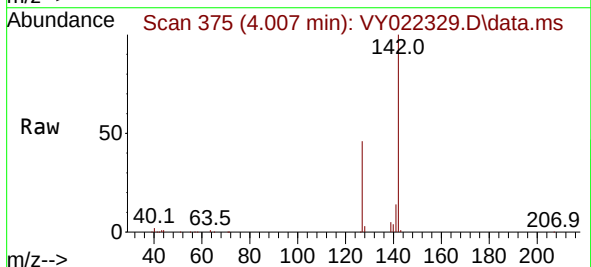
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

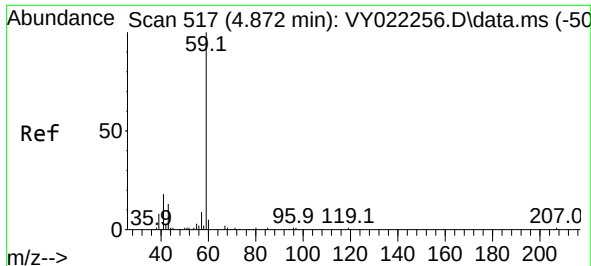
Tgt Ion:101 Resp: 99707
Ion Ratio Lower Upper
101 100
85 47.5 38.6 58.0
151 72.3 59.7 89.5



#10
Methyl Iodide
Concen: 50.311 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion:142 Resp: 113213
Ion Ratio Lower Upper
142 100
127 45.1 35.7 53.5
141 14.8 11.1 16.7

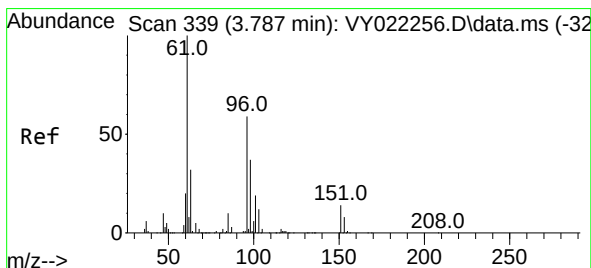
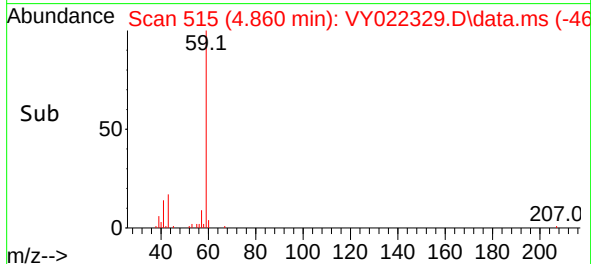
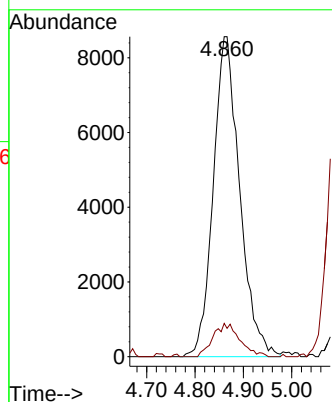
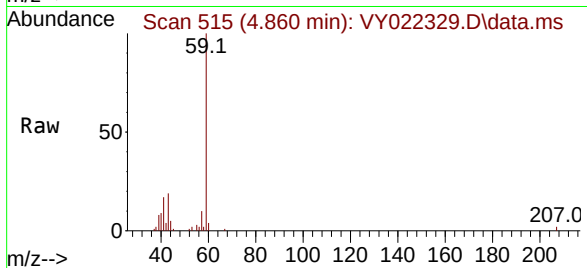




#11
Tert butyl alcohol
Concen: 215.761 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

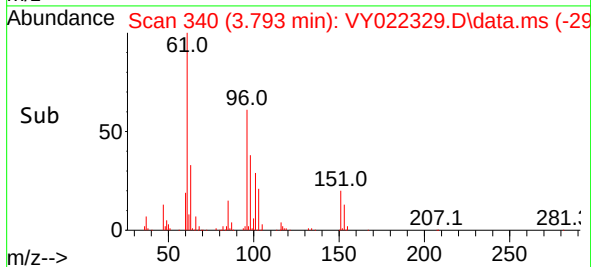
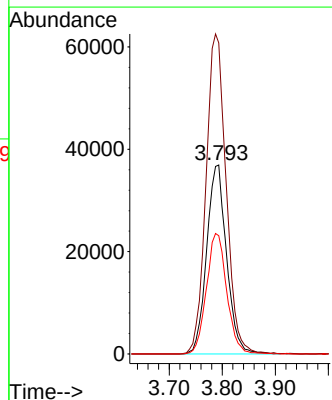
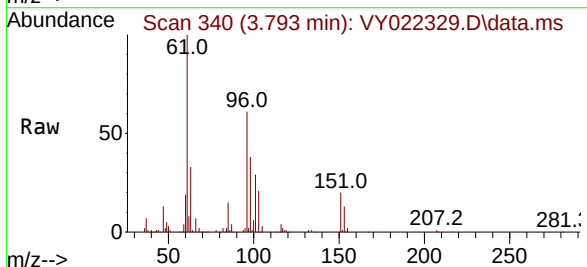
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

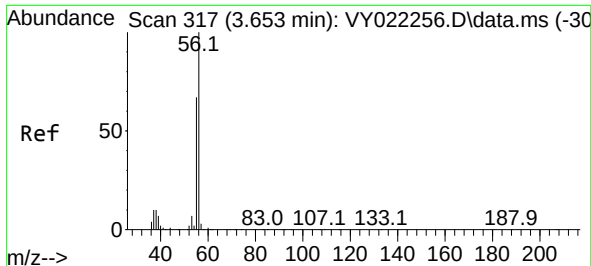
Tgt Ion: 59 Resp: 32480
Ion Ratio Lower Upper
59 100
57 10.5 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 49.916 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 96 Resp: 96307
Ion Ratio Lower Upper
96 100
61 164.5 134.9 202.3
98 62.5 49.9 74.9





#13

Acrolein

Concen: 122.519 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

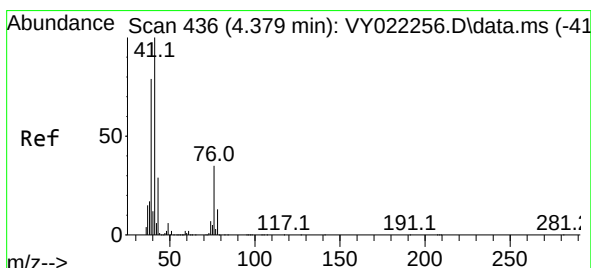
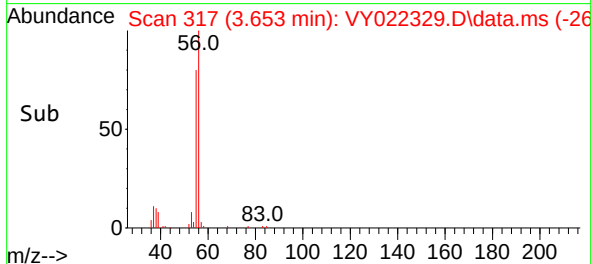
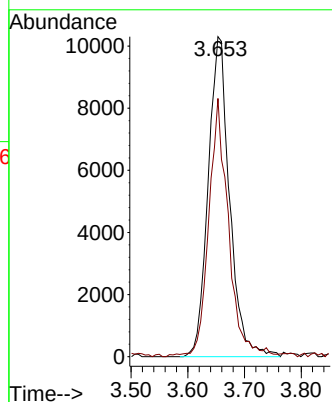
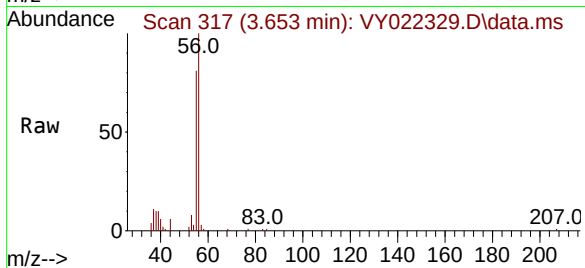
VSTDCCC050

Tgt Ion: 56 Resp: 26963

Ion Ratio Lower Upper

56 100

55 74.4 55.6 83.4



#14

Allyl chloride

Concen: 45.013 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

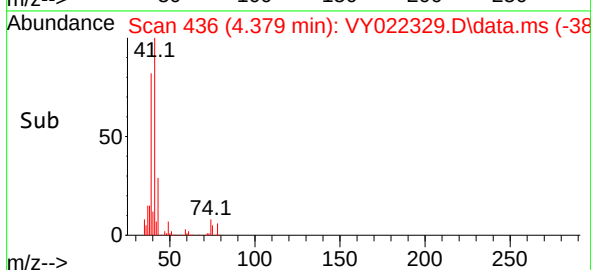
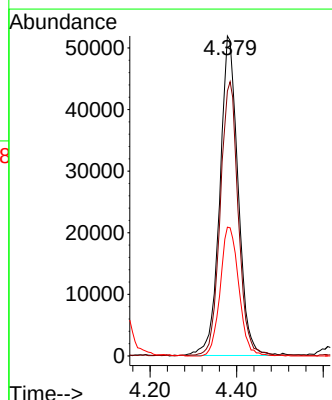
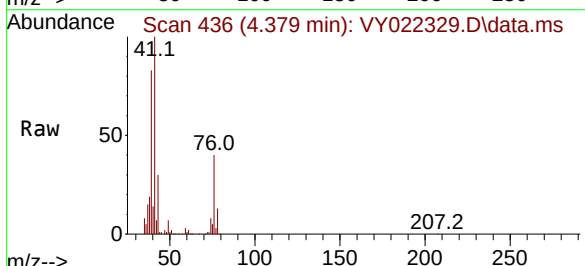
Tgt Ion: 41 Resp: 152279

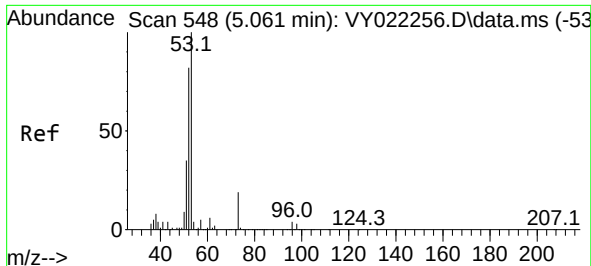
Ion Ratio Lower Upper

41 100

39 84.4 63.4 95.0

76 41.0 29.5 44.3

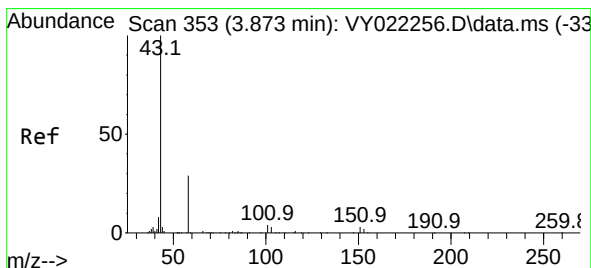
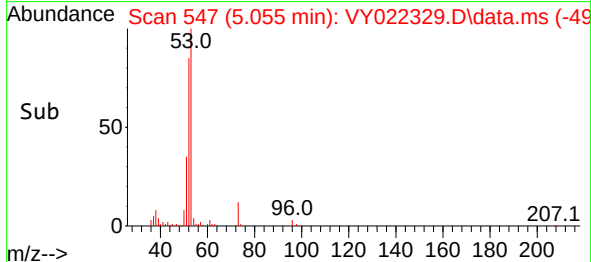
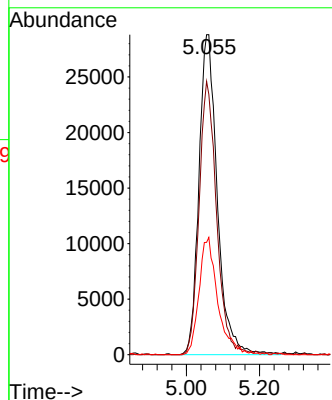
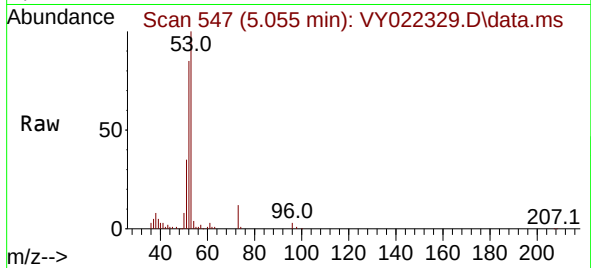




#15
Acrylonitrile
Concen: 226.925 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

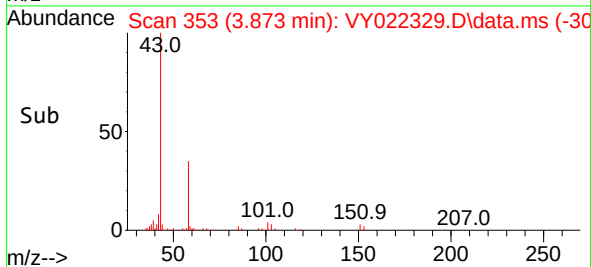
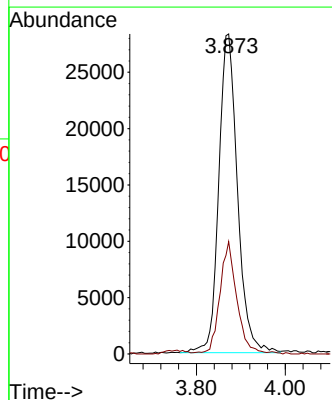
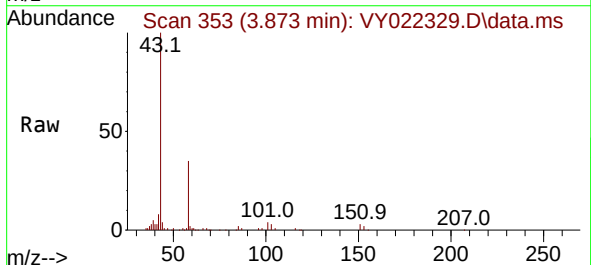
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

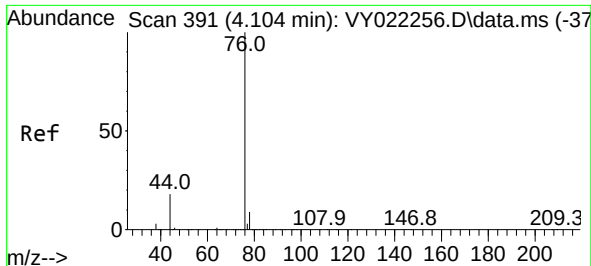
Tgt Ion: 53 Resp: 100495
Ion Ratio Lower Upper
53 100
52 81.4 66.1 99.1
51 37.2 30.0 45.0



#16
Acetone
Concen: 223.009 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 43 Resp: 82432
Ion Ratio Lower Upper
43 100
58 35.0 23.6 35.4

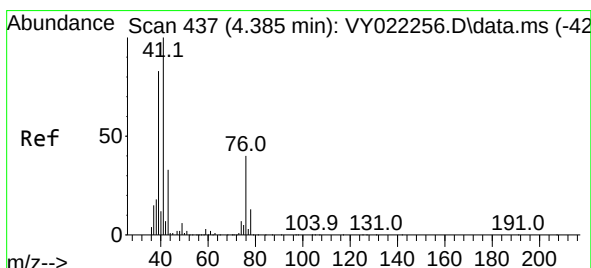
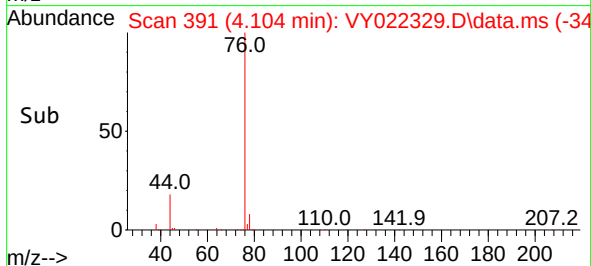
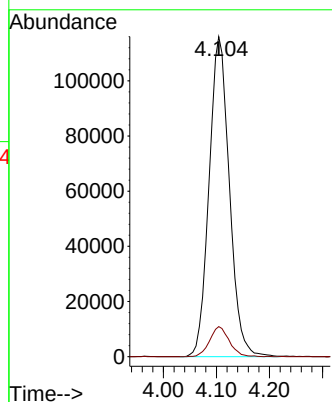
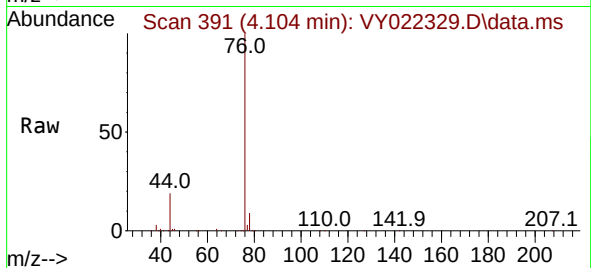




#17
Carbon Disulfide
Concen: 49.060 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

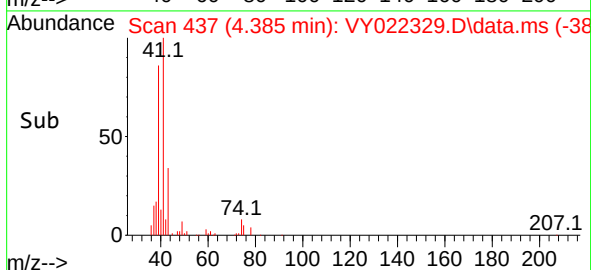
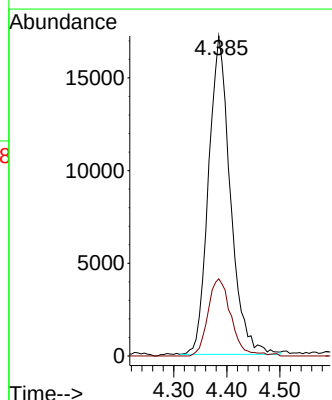
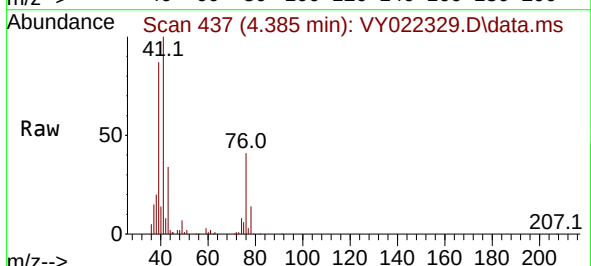
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

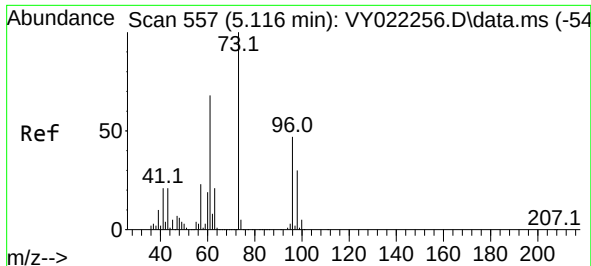
Tgt Ion: 76 Resp: 308666
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 42.141 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 43 Resp: 49112
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.4

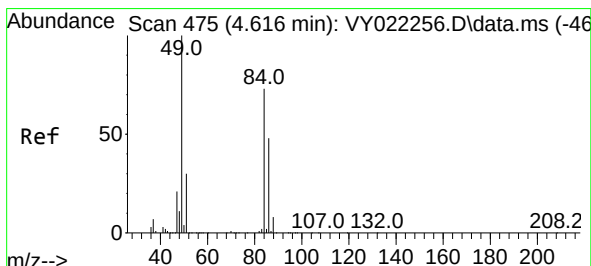
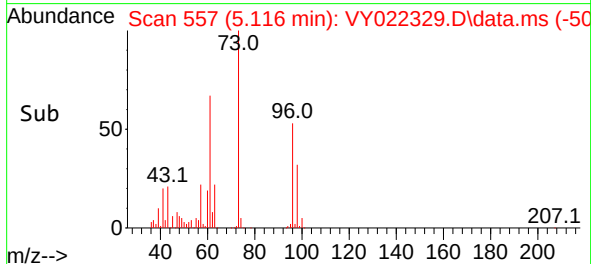
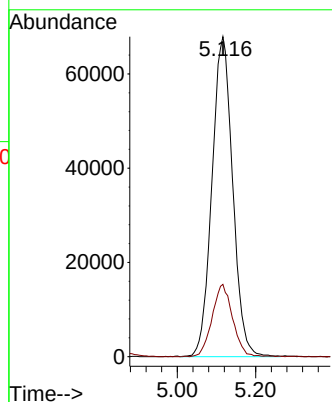
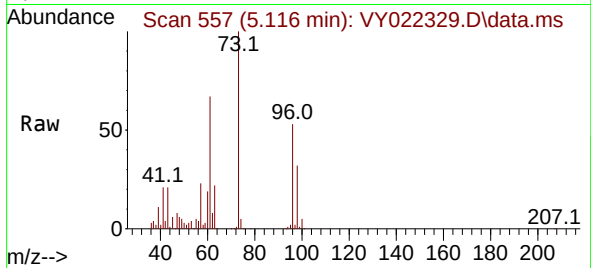




#19
Methyl tert-butyl Ether
Concen: 46.893 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

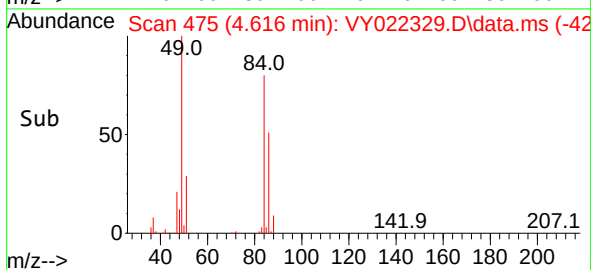
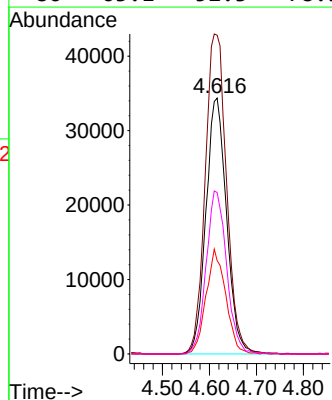
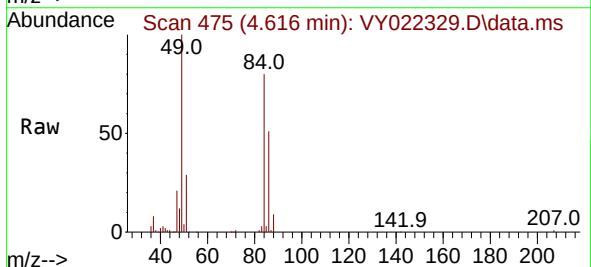
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

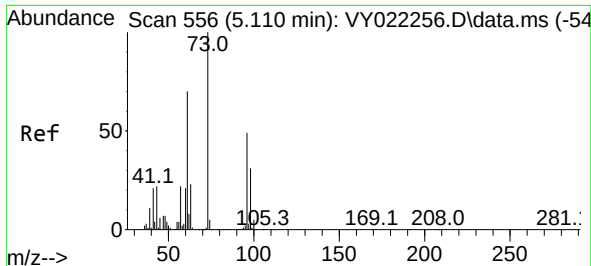
Tgt Ion: 73 Resp: 249468
Ion Ratio Lower Upper
73 100
57 22.6 18.6 28.0



#20
Methylene Chloride
Concen: 43.941 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 84 Resp: 104952
Ion Ratio Lower Upper
84 100
49 124.6 109.6 164.4
51 36.5 32.4 48.6
86 63.1 52.3 78.5

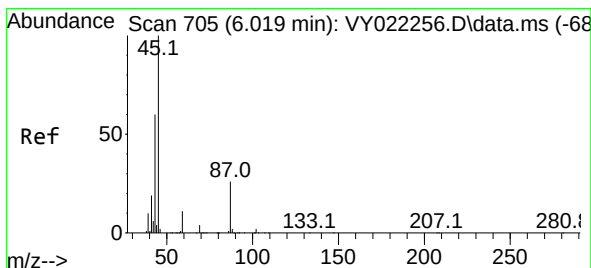
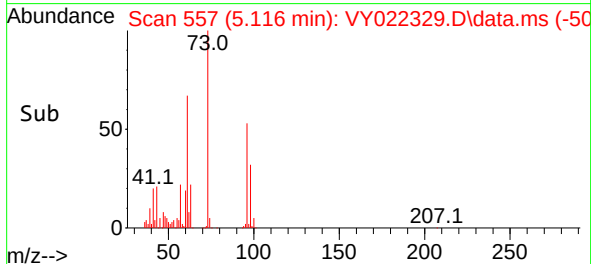
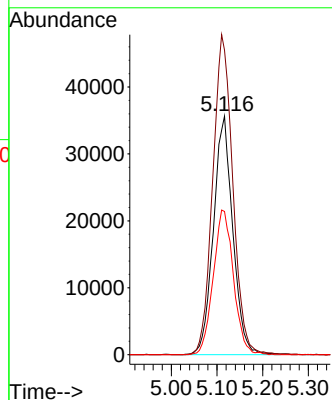
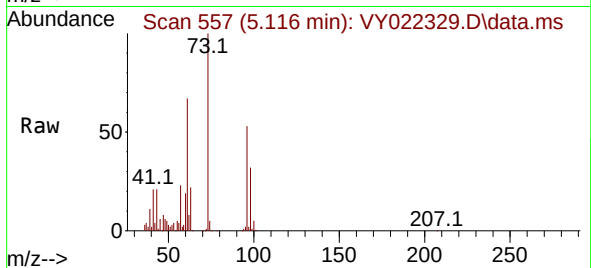




#21
trans-1,2-Dichloroethene
Concen: 49.353 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

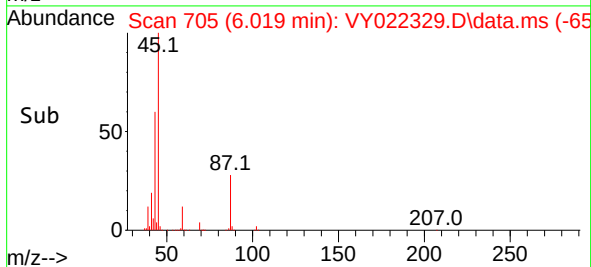
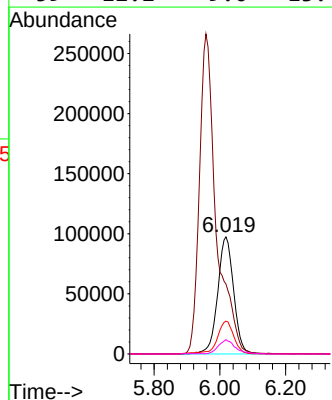
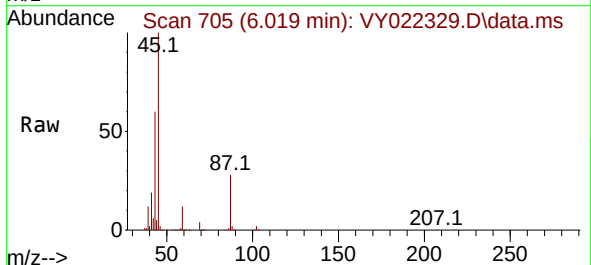
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

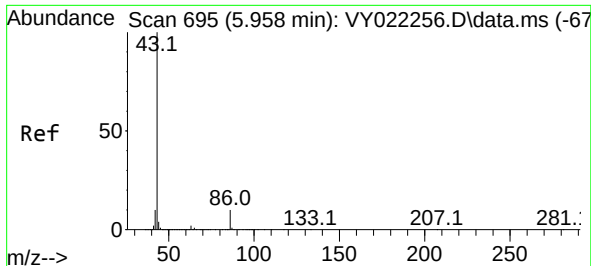
Tgt Ion: 96 Resp: 105103
Ion Ratio Lower Upper
96 100
61 127.6 113.4 170.0
98 60.0 50.9 76.3



#22
Diisopropyl ether
Concen: 45.916 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 45 Resp: 328037
Ion Ratio Lower Upper
45 100
43 59.6 48.2 72.2
87 28.0 21.4 32.0
59 12.2 9.0 13.4

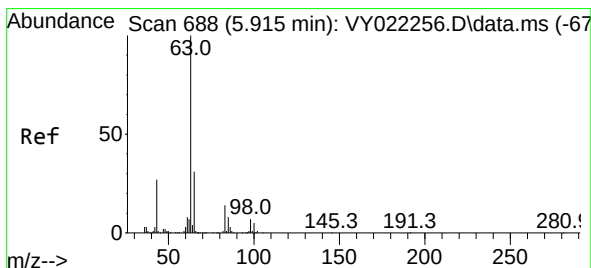
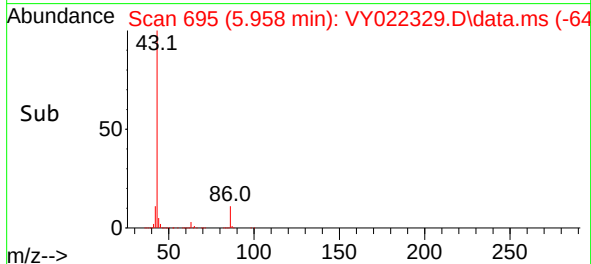
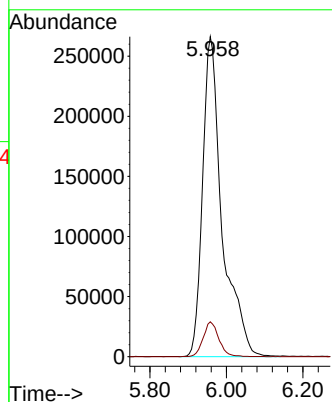
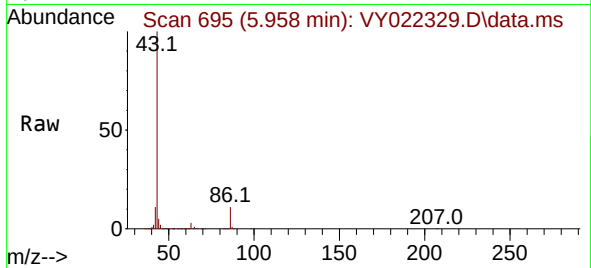




#23
 Vinyl Acetate
 Concen: 219.054 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40

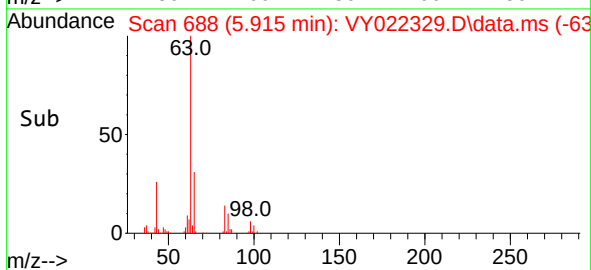
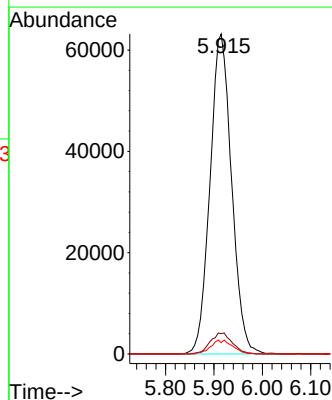
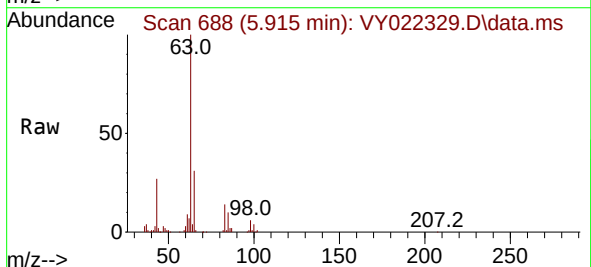
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

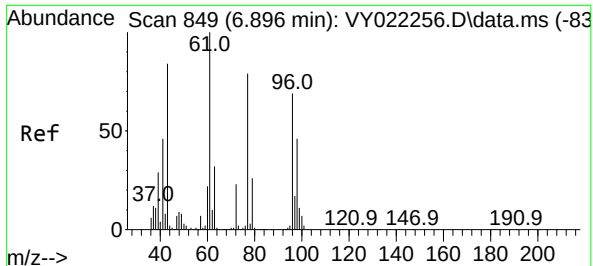
Tgt Ion: 43 Resp: 945452
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.046 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40

Tgt Ion: 63 Resp: 195759
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 3.6 2.4 7.2

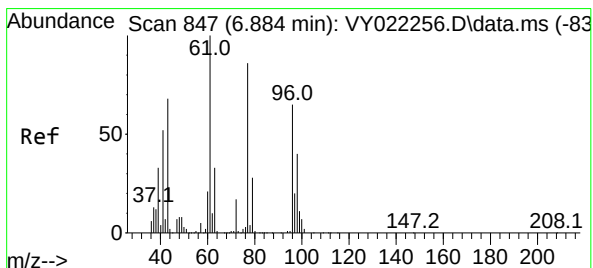
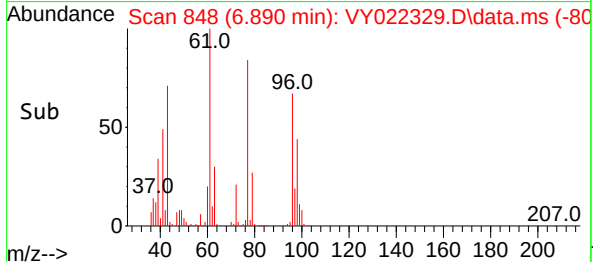
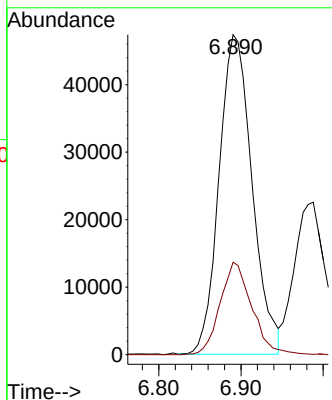
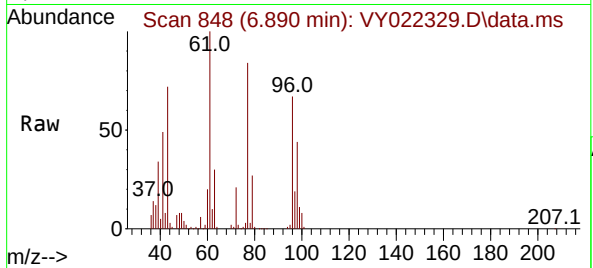




#25
2-Butanone
Concen: 214.116 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

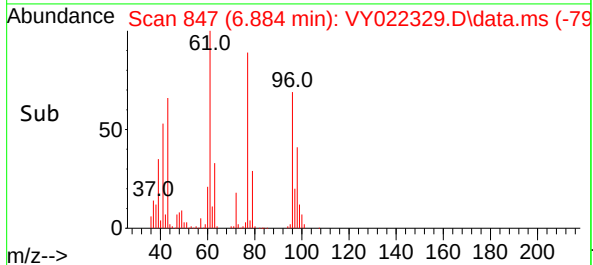
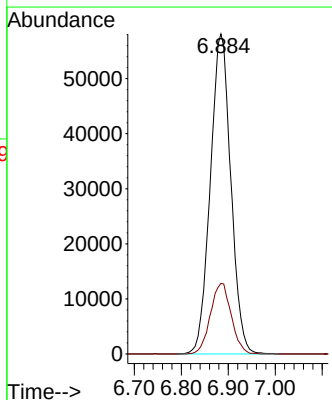
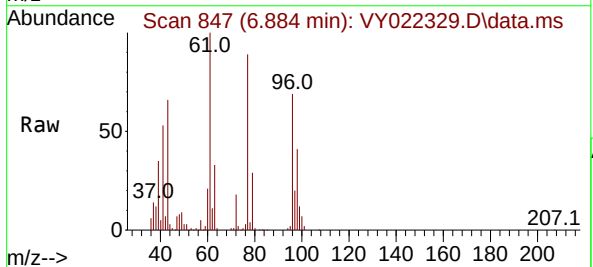
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

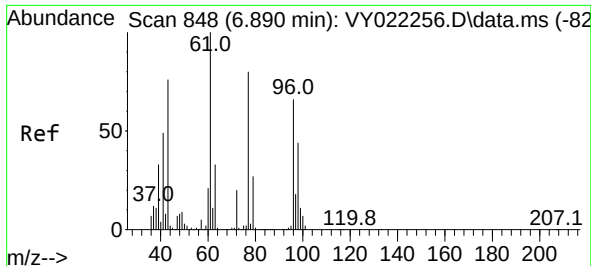
Tgt Ion: 43 Resp: 132386
Ion Ratio Lower Upper
43 100
72 28.9 22.1 33.1



#26
2,2-Dichloropropane
Concen: 49.606 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 77 Resp: 176104
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5



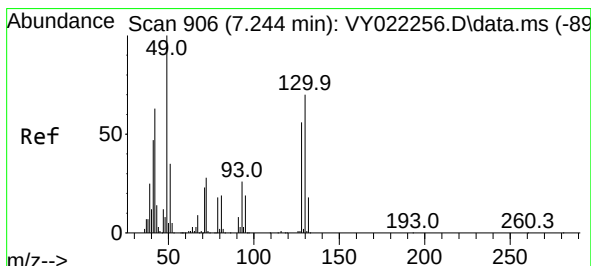
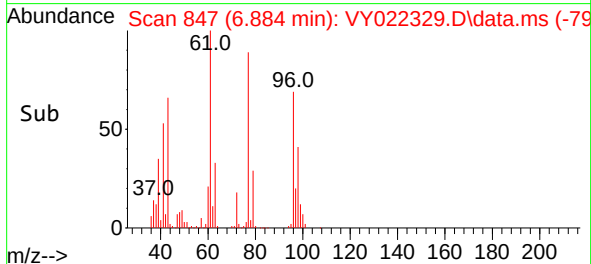
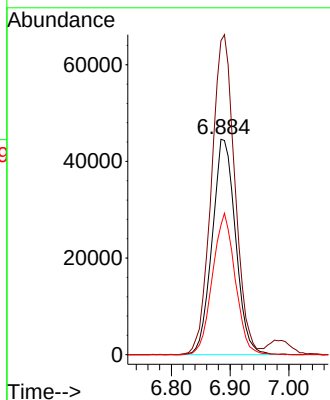
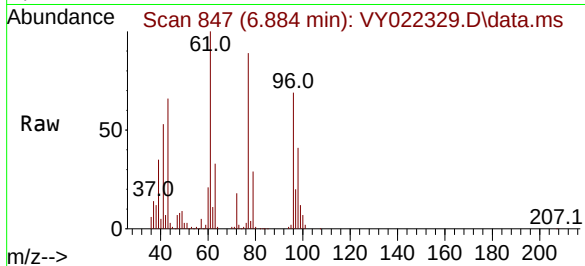


#27
 cis-1,2-Dichloroethene
 Concen: 50.159 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 123269

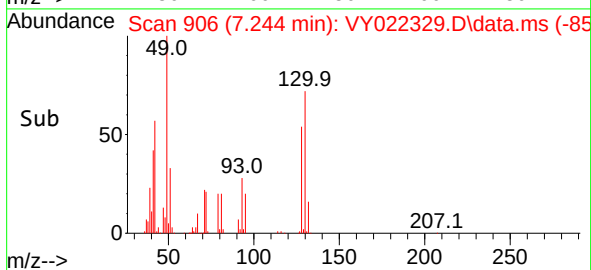
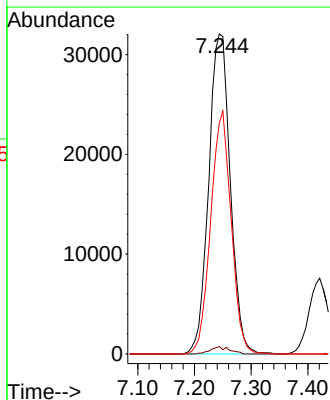
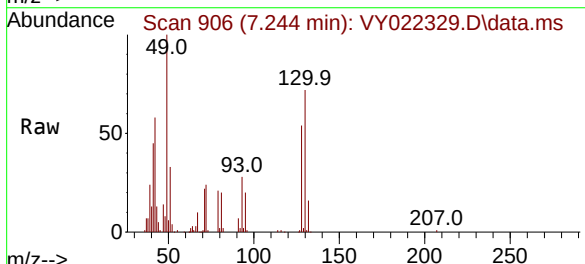
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	302.6
98	63.9	0.0	128.8

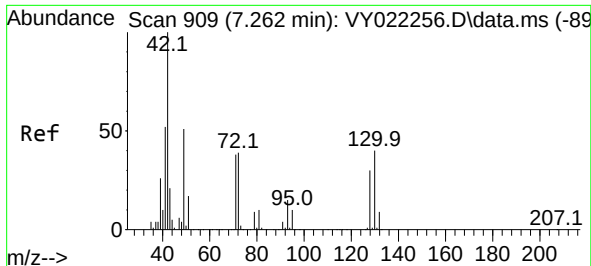


#28
 Bromochloromethane
 Concen: 49.834 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40

Tgt Ion: 49 Resp: 84842

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	71.9	54.7	82.1

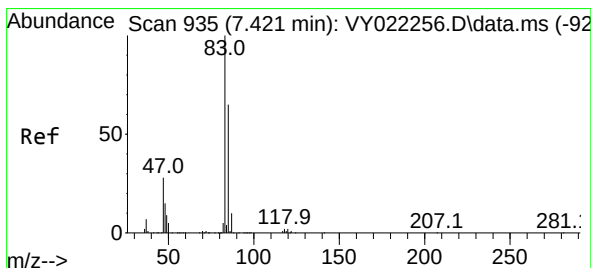
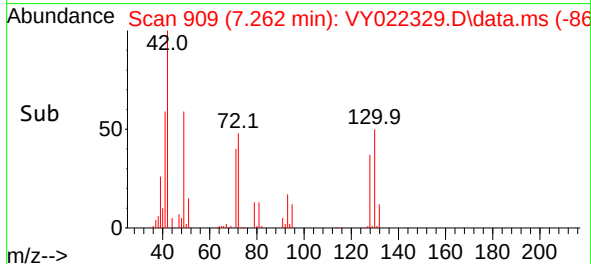
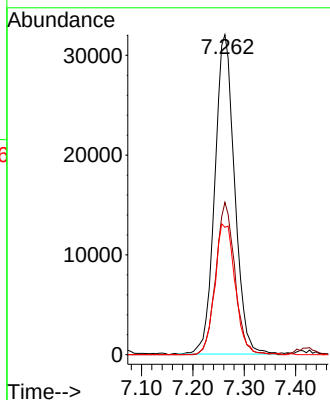
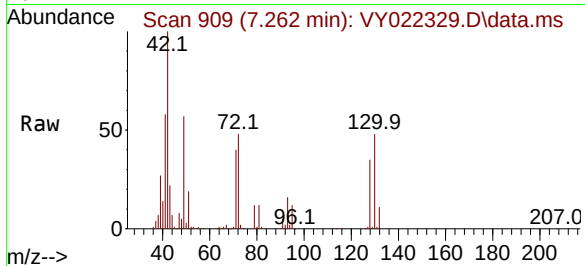




#29
Tetrahydrofuran
Concen: 215.541 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

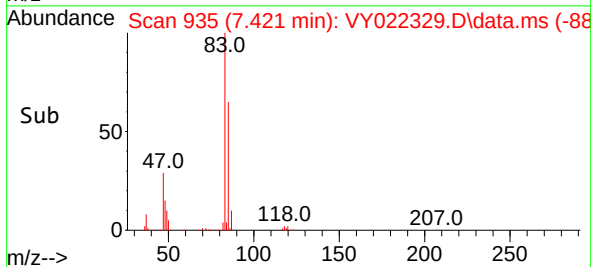
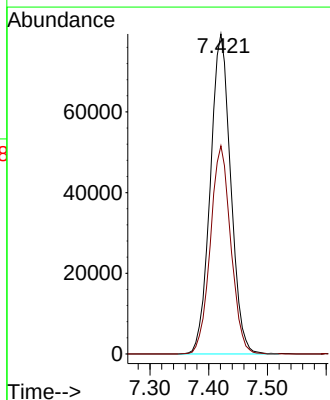
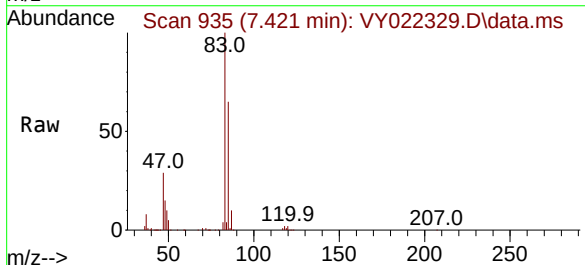
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

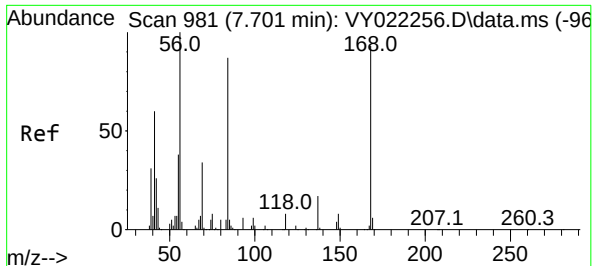
Tgt Ion: 42 Resp: 85738
Ion Ratio Lower Upper
42 100
72 45.8 33.8 50.6
71 42.3 31.5 47.3



#30
Chloroform
Concen: 49.916 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 83 Resp: 191099
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8

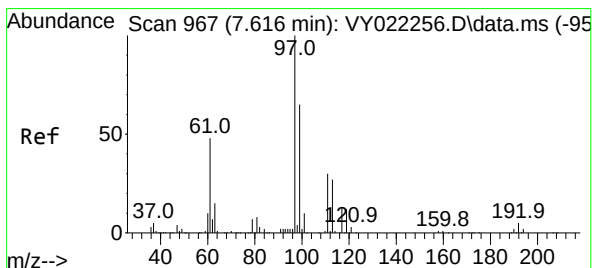
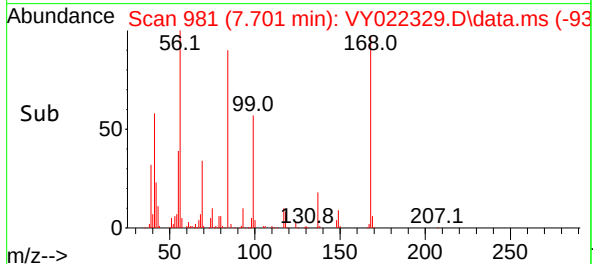
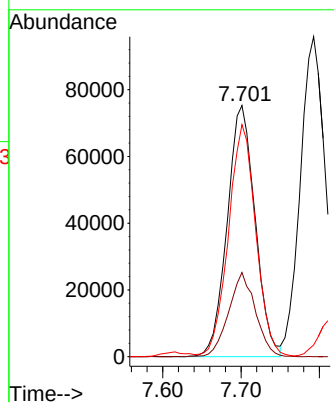
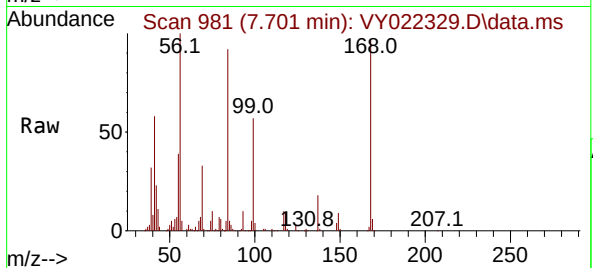




#31
Cyclohexane
Concen: 46.827 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

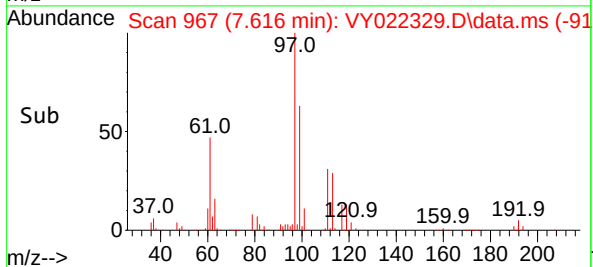
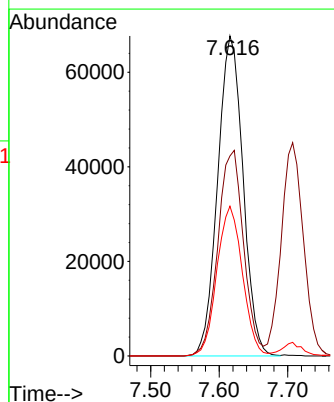
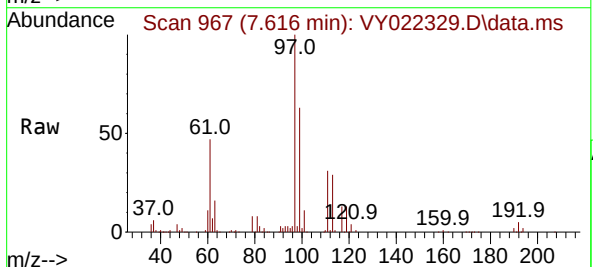
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

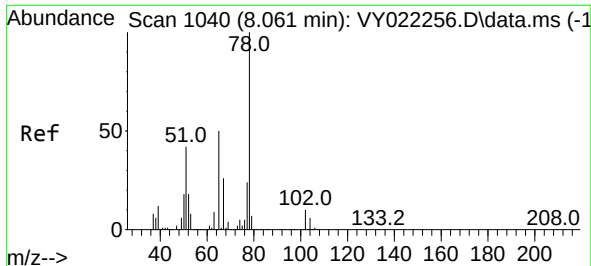
Tgt Ion: 56 Resp: 186740
Ion Ratio Lower Upper
56 100
69 33.4 27.4 41.2
84 91.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.587 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 97 Resp: 174168
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 47.0 38.1 57.1

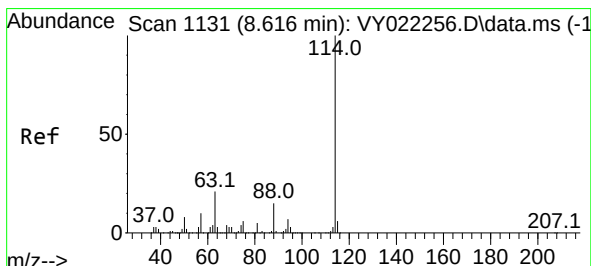
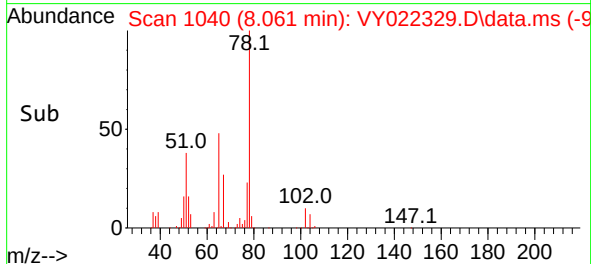
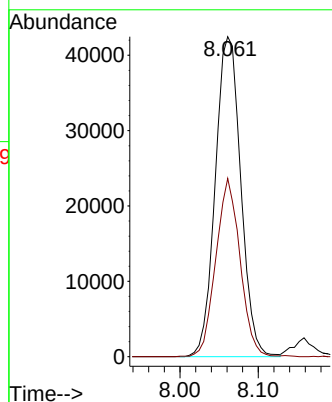
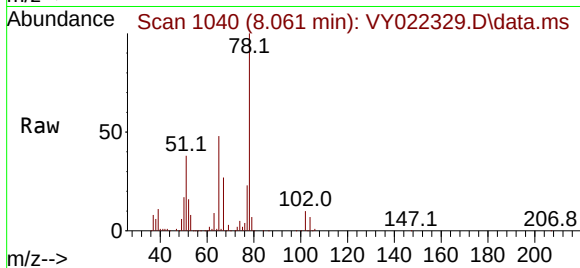




#33
 1,2-Dichloroethane-d4
 Concen: 48.805 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40

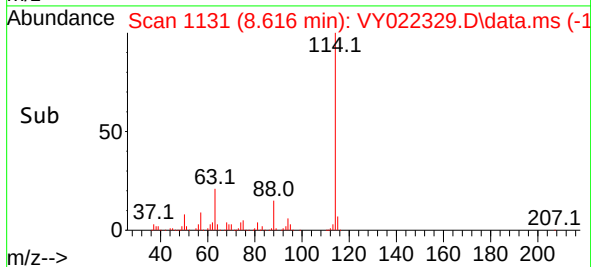
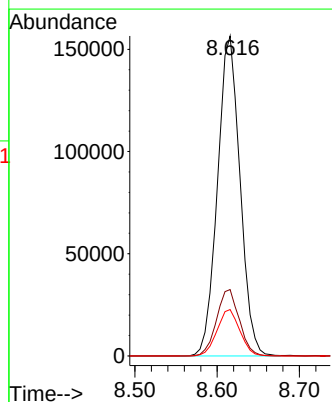
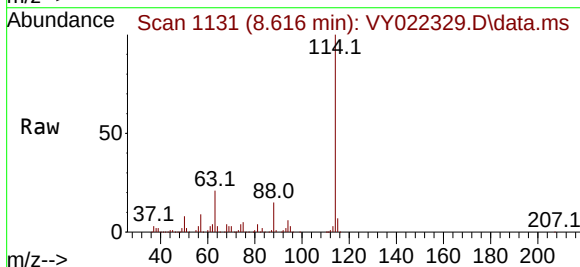
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

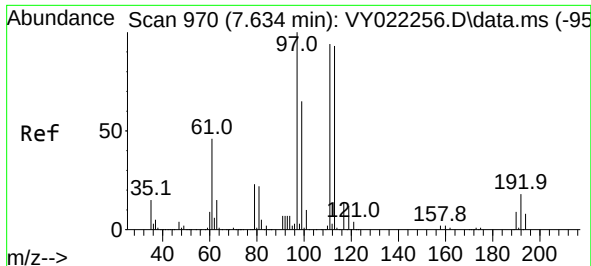
Tgt Ion: 65 Resp: 96211
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY022329.D
 Acq: 20 May 2025 08:40

Tgt Ion: 114 Resp: 298369
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.0
 88 14.5 0.0 29.4

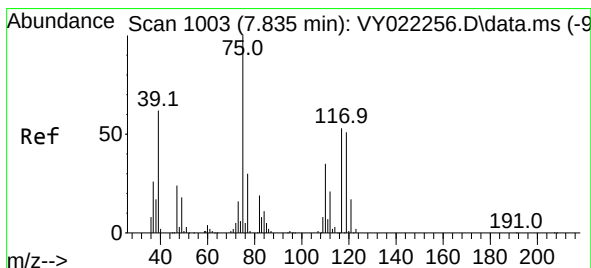
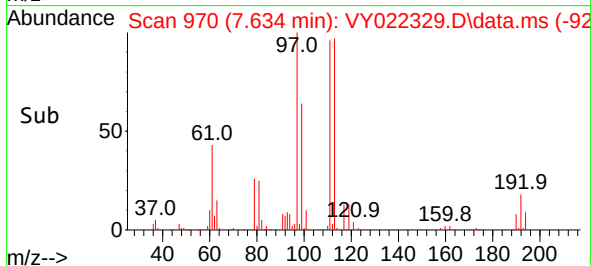
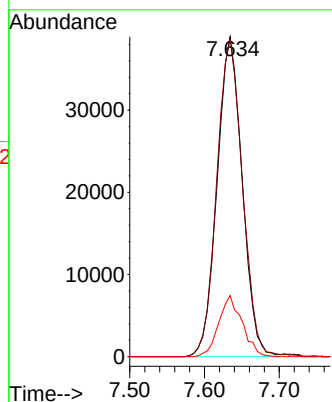
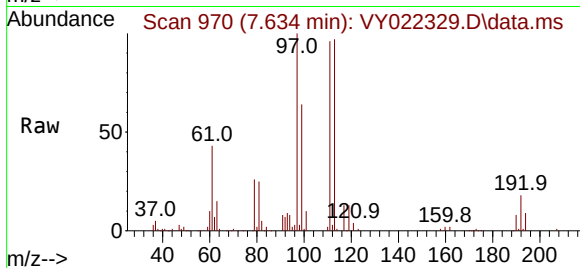




#35
Dibromofluoromethane
Concen: 51.076 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

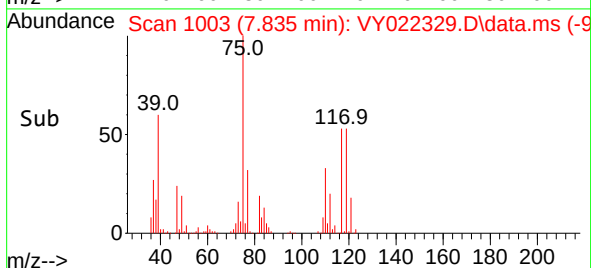
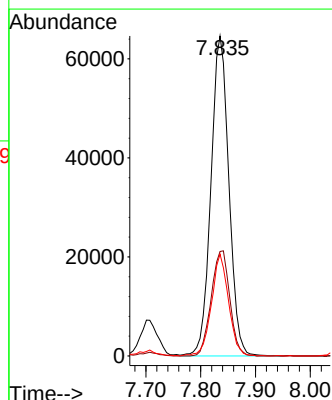
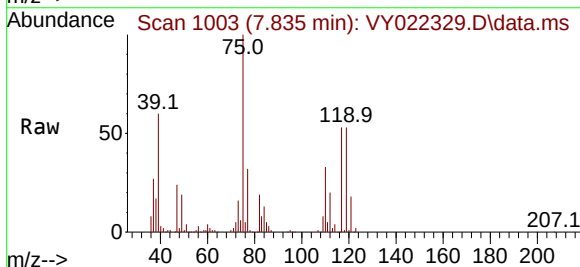
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

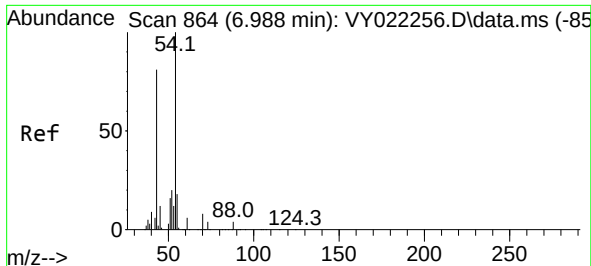
Tgt Ion:113 Resp: 90959
Ion Ratio Lower Upper
113 100
111 101.0 82.6 123.8
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 50.028 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 75 Resp: 146745
Ion Ratio Lower Upper
75 100
110 34.0 16.6 49.8
77 30.3 24.6 37.0





#37

Ethyl Acetate

Concen: 43.038 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

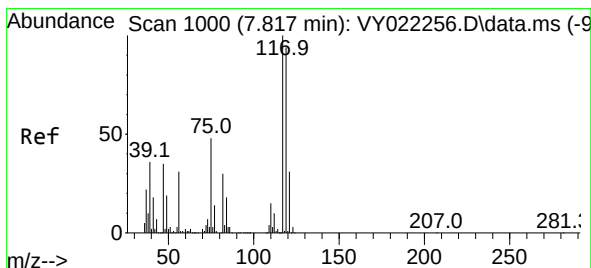
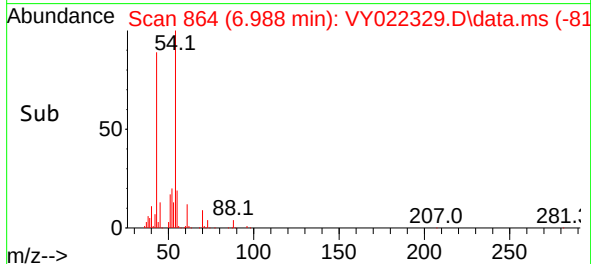
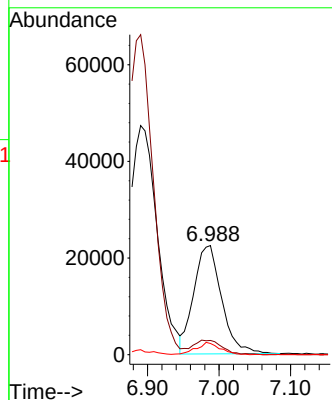
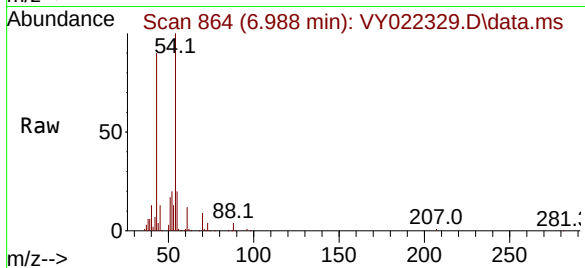
Tgt Ion: 43 Resp: 60741

Ion Ratio Lower Upper

43 100

61 13.2 10.2 15.2

70 9.7 7.6 11.4



#38

Carbon Tetrachloride

Concen: 50.762 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

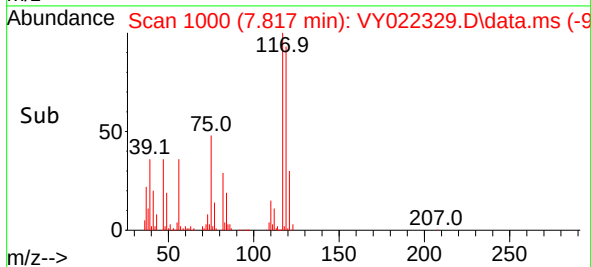
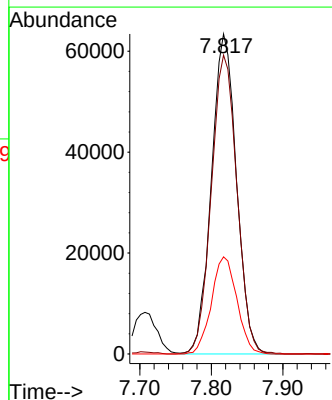
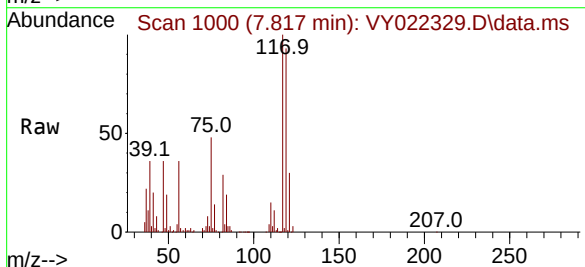
Tgt Ion: 117 Resp: 154127

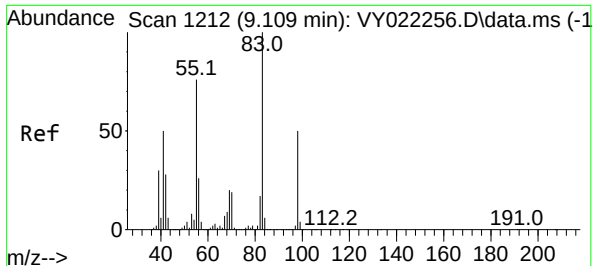
Ion Ratio Lower Upper

117 100

119 93.3 75.3 112.9

121 30.4 24.7 37.1





#39

Methylcyclohexane

Concen: 50.127 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

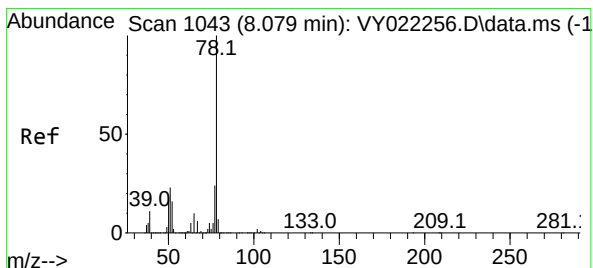
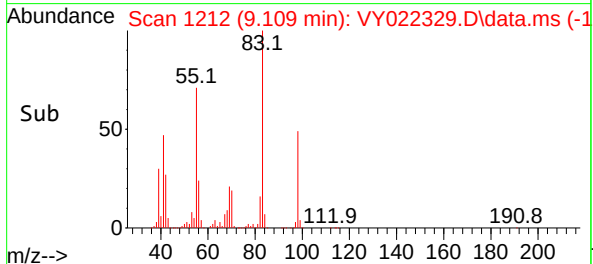
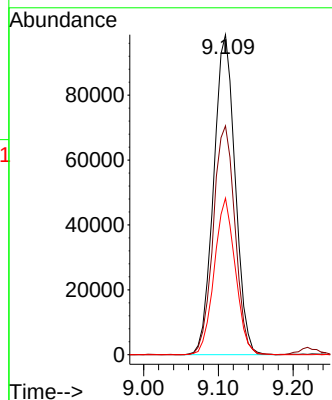
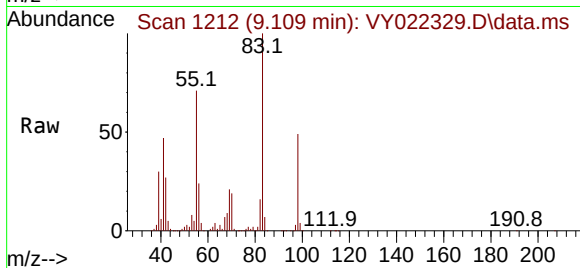
Tgt Ion: 83 Resp: 197541

Ion Ratio Lower Upper

83 100

55 71.5 60.6 90.8

98 48.9 40.0 60.0



#40

Benzene

Concen: 50.555 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022329.D

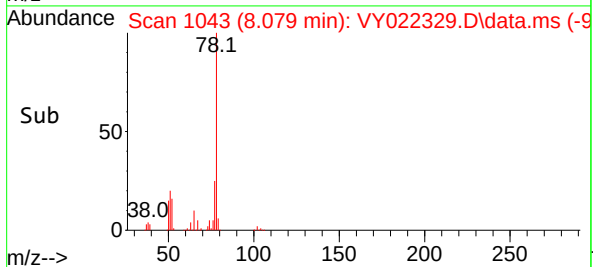
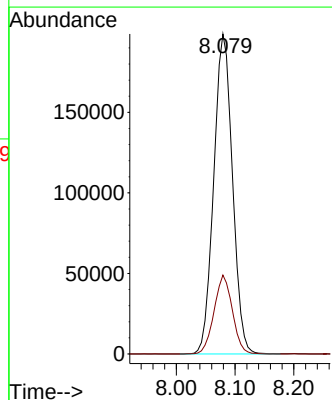
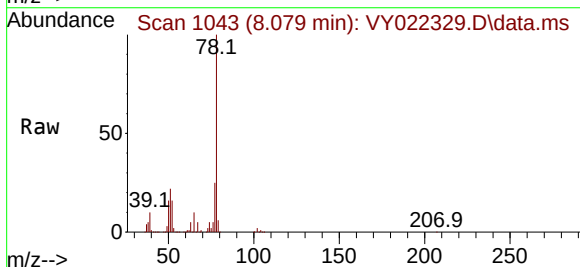
Acq: 20 May 2025 08:40

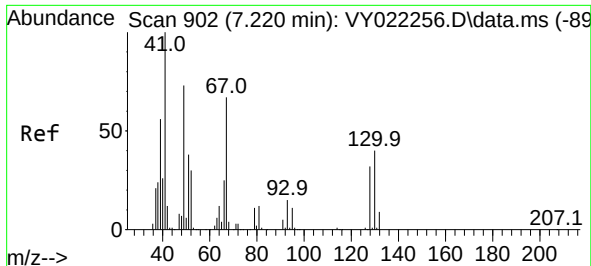
Tgt Ion: 78 Resp: 439609

Ion Ratio Lower Upper

78 100

77 24.7 18.9 28.3

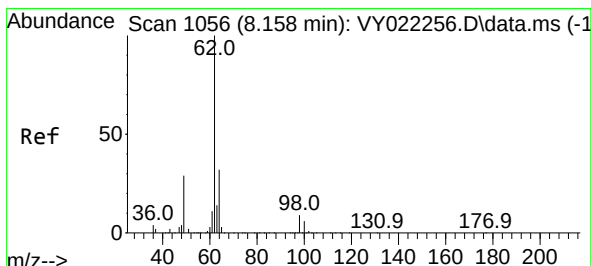
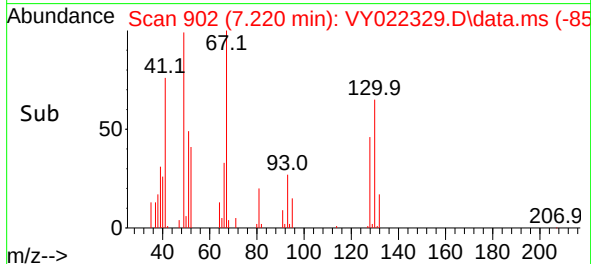
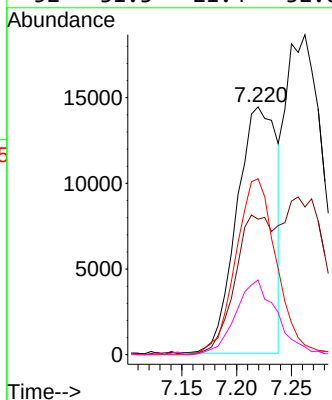
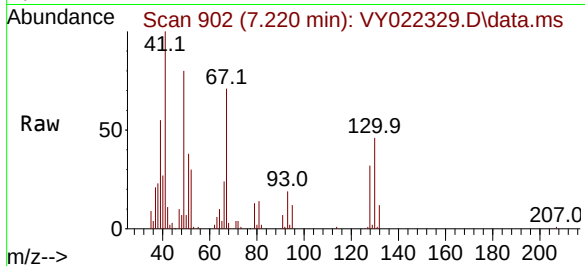




#41
Methacrylonitrile
Concen: 39.153 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

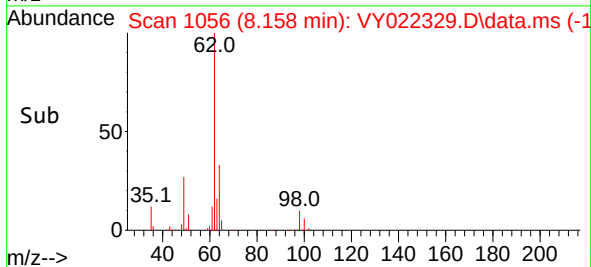
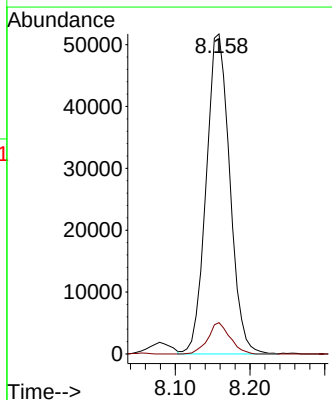
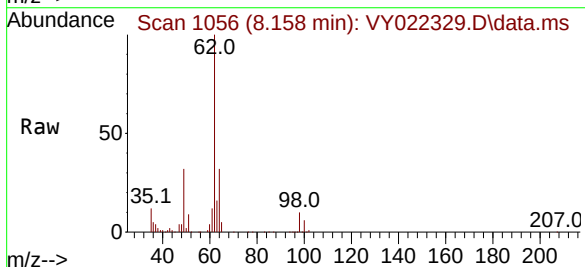
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

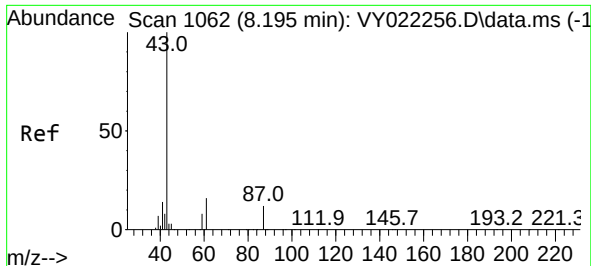
Tgt Ion:	41	Resp:	36655
Ion	Ratio	Lower	Upper
41	100		
39	50.0	39.1	58.7
67	73.0	47.1	70.7
52	31.3	21.4	32.0



#42
1,2-Dichloroethane
Concen: 48.255 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion:	62	Resp:	113474
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

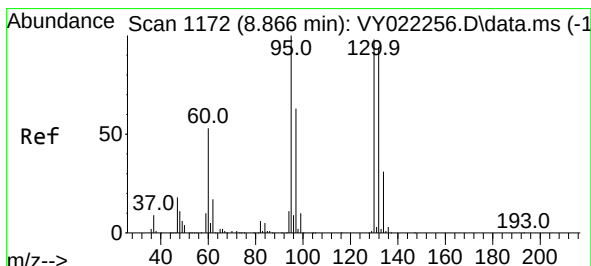
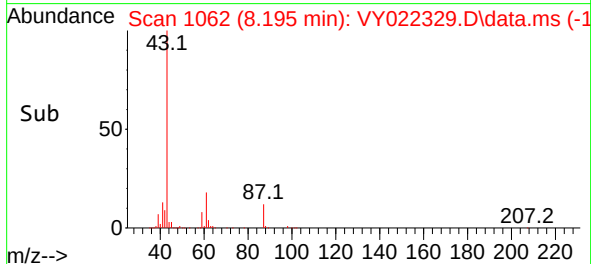
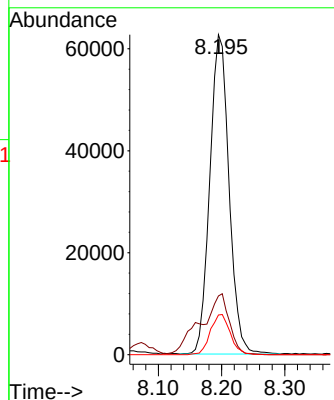
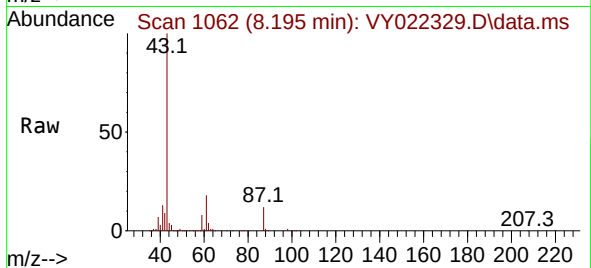




#43
Isopropyl Acetate
Concen: 43.001 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

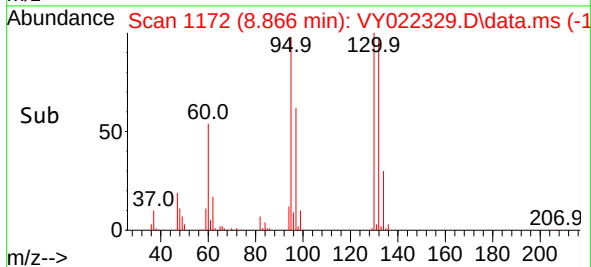
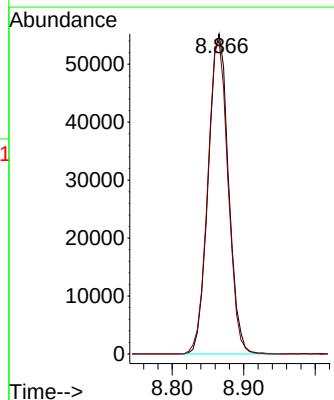
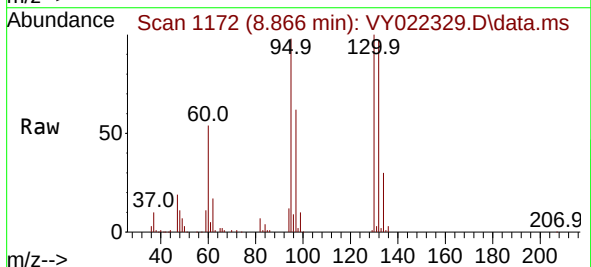
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

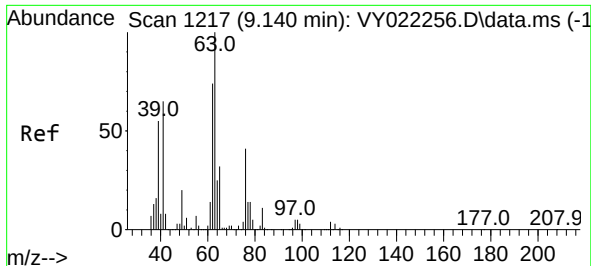
Tgt Ion: 43 Resp: 132355
Ion Ratio Lower Upper
43 100
61 28.5 15.1 22.7#
87 13.0 9.7 14.5



#44
Trichloroethene
Concen: 50.212 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion:130 Resp: 108566
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 49.181 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

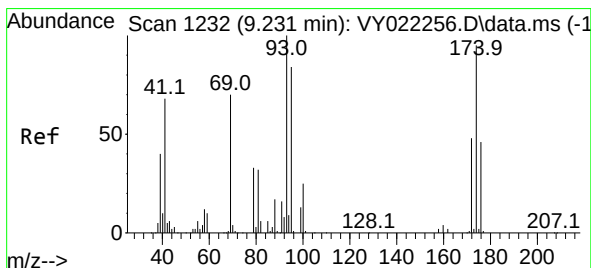
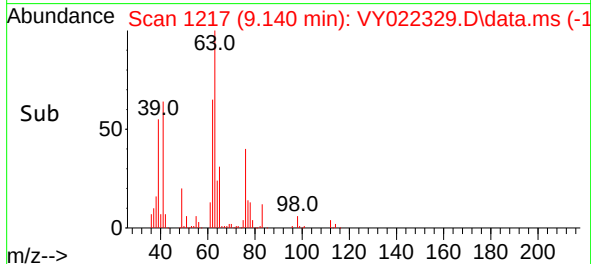
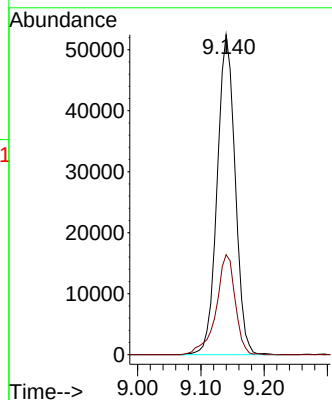
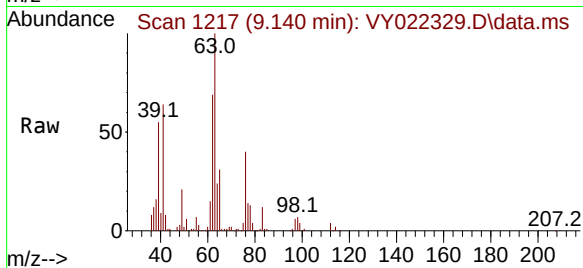
VSTDCCC050

Tgt Ion: 63 Resp: 103106

Ion Ratio Lower Upper

63 100

65 31.2 25.7 38.5



#46

Dibromomethane

Concen: 48.227 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

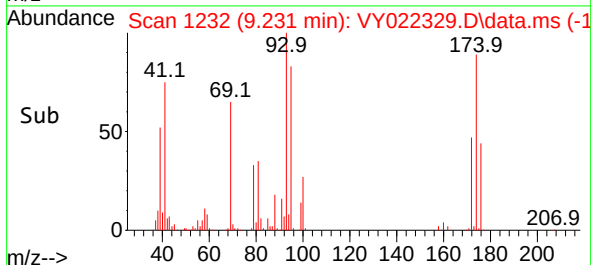
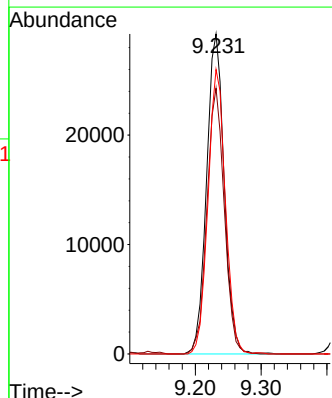
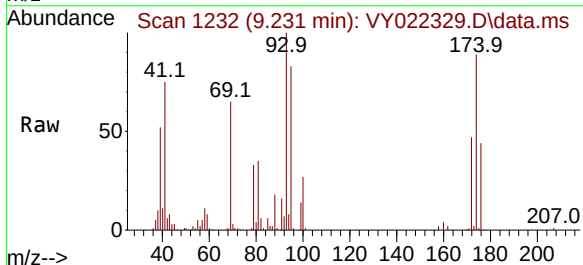
Tgt Ion: 93 Resp: 54532

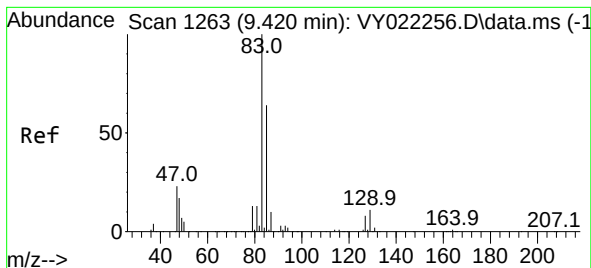
Ion Ratio Lower Upper

93 100

95 82.0 65.2 97.8

174 87.8 74.3 111.5





#47

Bromodichloromethane

Concen: 49.724 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

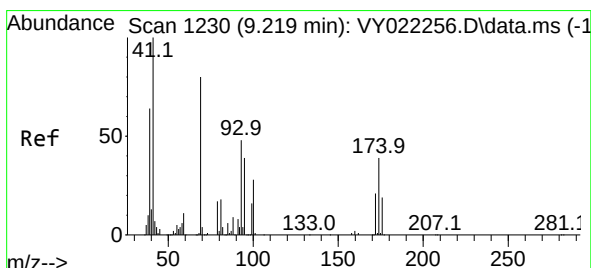
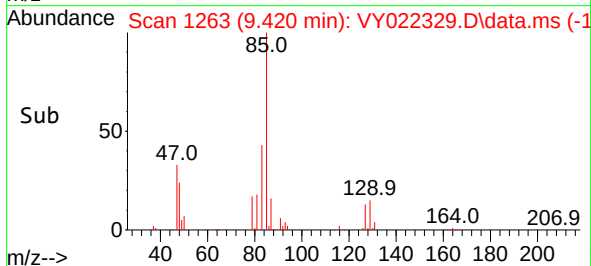
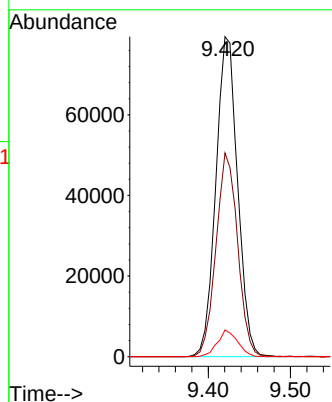
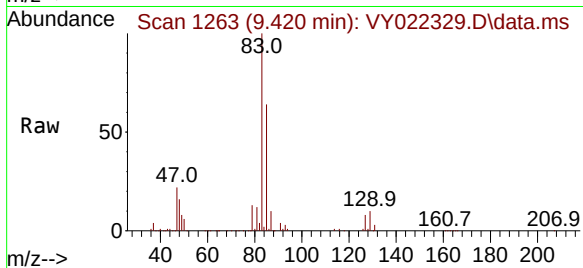
Tgt Ion: 83 Resp: 145860

Ion Ratio Lower Upper

83 100

85 63.7 51.1 76.7

127 8.4 6.6 10.0



#48

Methyl methacrylate

Concen: 42.873 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

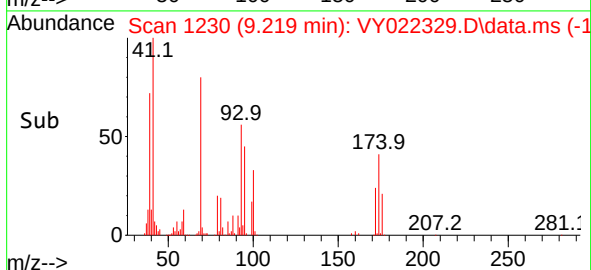
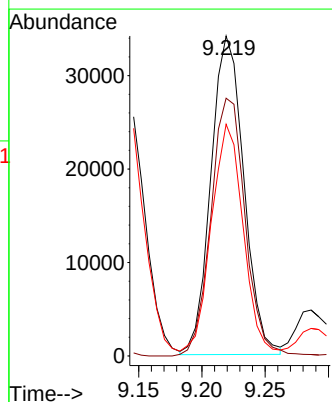
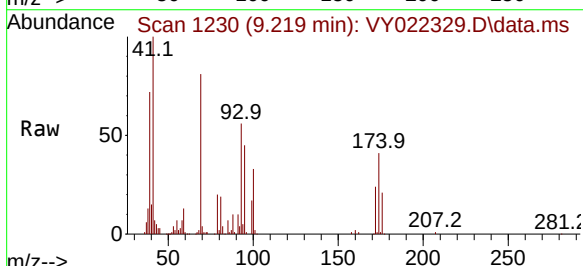
Tgt Ion: 41 Resp: 61712

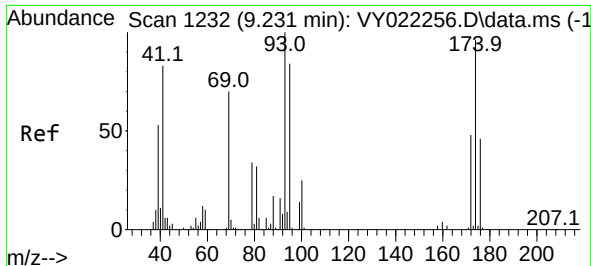
Ion Ratio Lower Upper

41 100

69 84.2 63.5 95.3

39 68.0 50.8 76.2





#49

1,4-Dioxane

Concen: 945.674 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

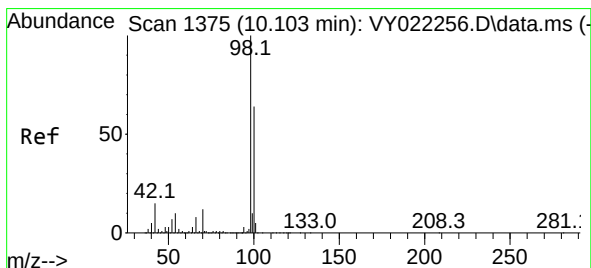
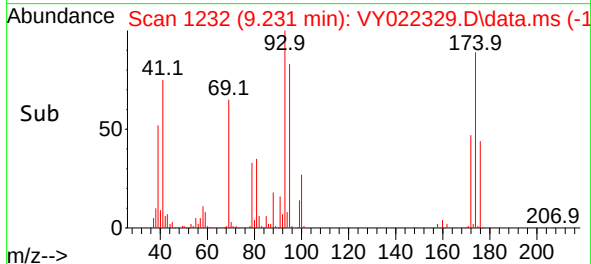
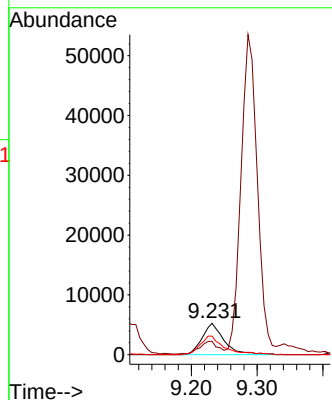
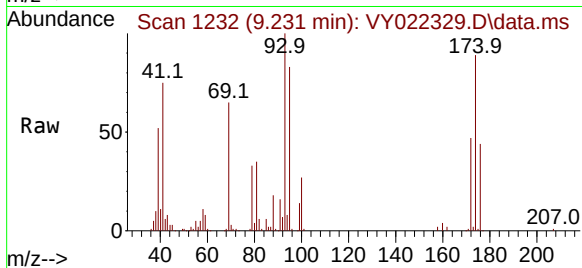
Tgt Ion: 88 Resp: 12080

Ion Ratio Lower Upper

88 100

43 34.0 28.5 42.7

58 65.6 61.4 92.2



#50

Toluene-d8

Concen: 51.484 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022329.D

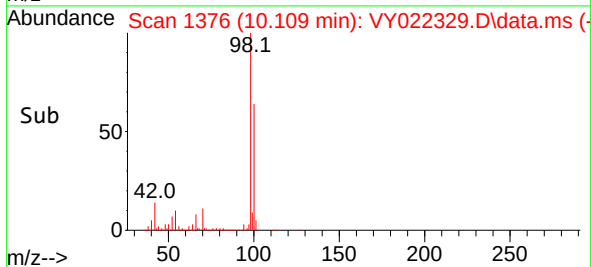
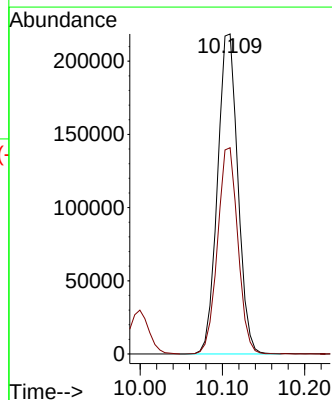
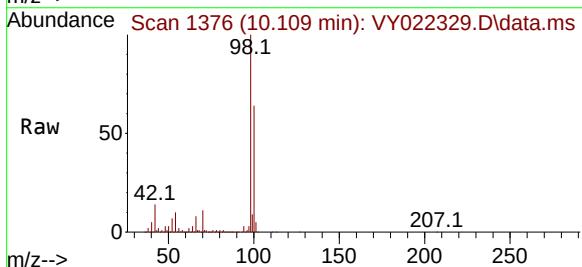
Acq: 20 May 2025 08:40

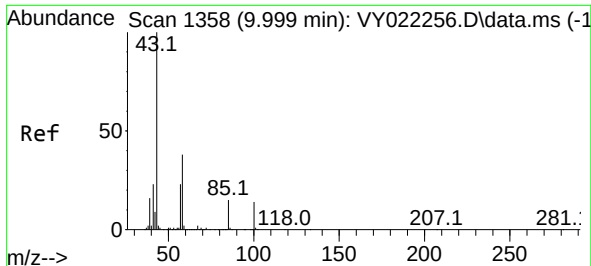
Tgt Ion: 98 Resp: 375501

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 217.386 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

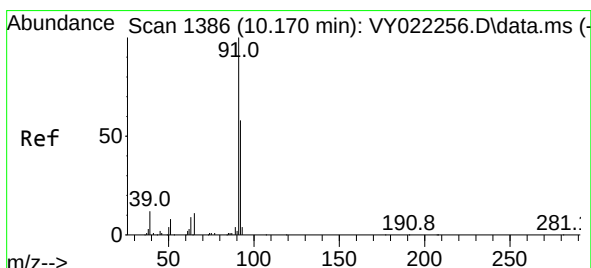
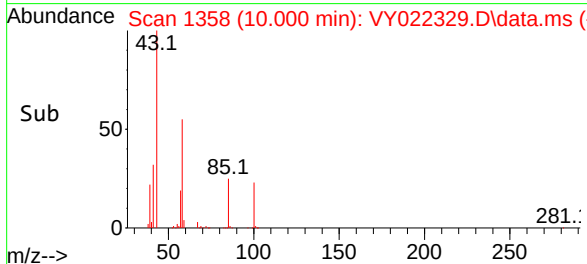
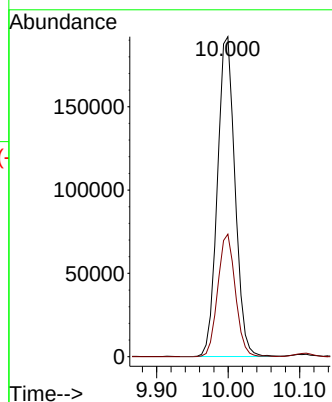
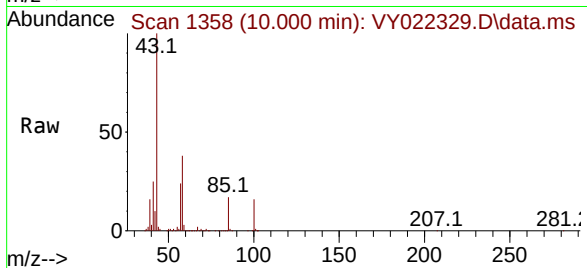
VSTDCCC050

Tgt Ion: 43 Resp: 328310

Ion Ratio Lower Upper

43 100

58 38.3 29.4 44.2



#52

Toluene

Concen: 49.403 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022329.D

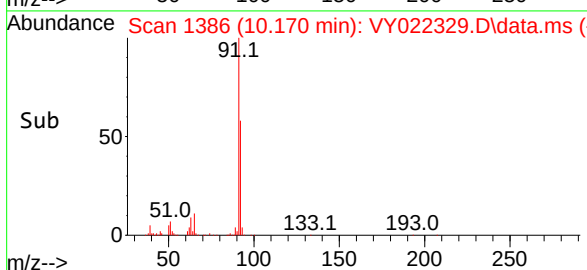
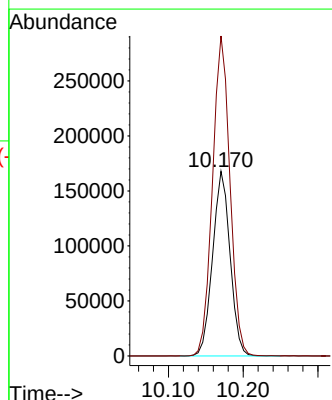
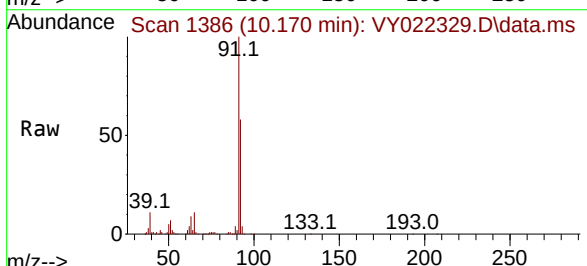
Acq: 20 May 2025 08:40

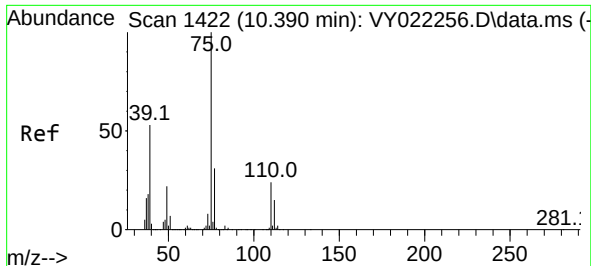
Tgt Ion: 92 Resp: 272032

Ion Ratio Lower Upper

92 100

91 173.8 139.1 208.7

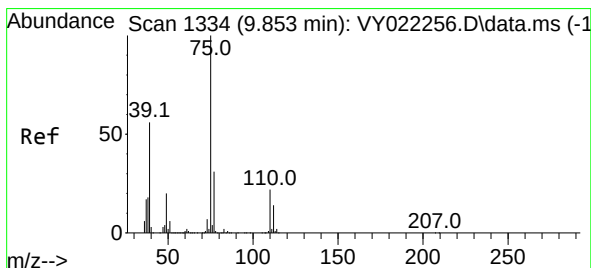
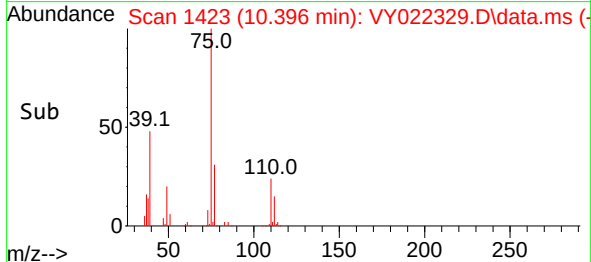
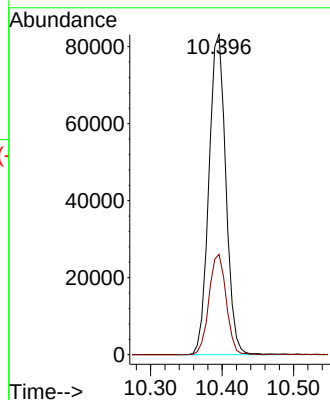
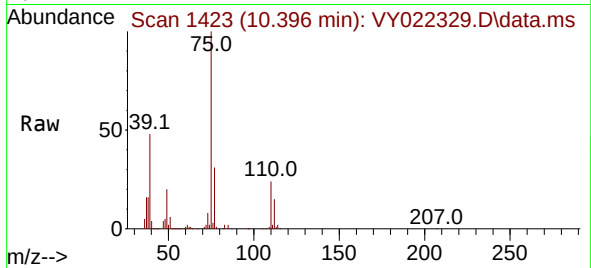




#53
t-1,3-Dichloropropene
Concen: 47.744 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

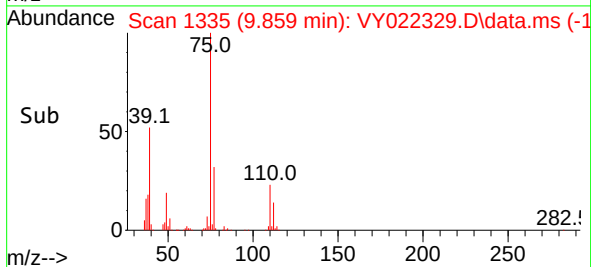
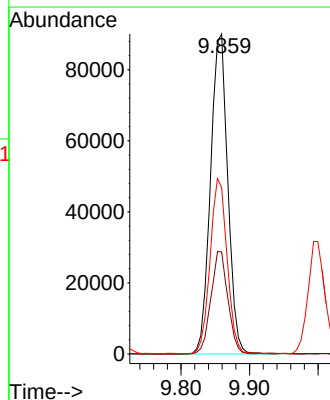
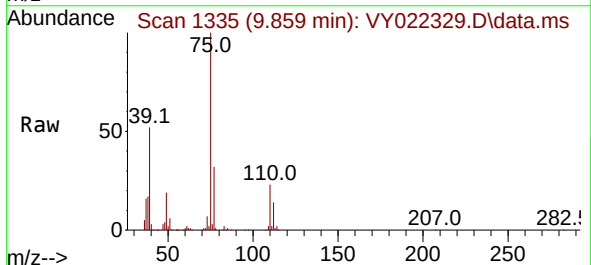
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

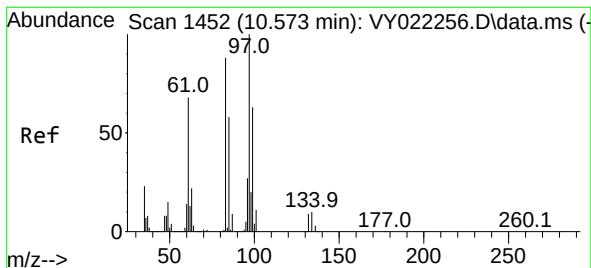
Tgt Ion: 75 Resp: 136680
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.006 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 75 Resp: 157453
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
39 51.9 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 48.082 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 69620

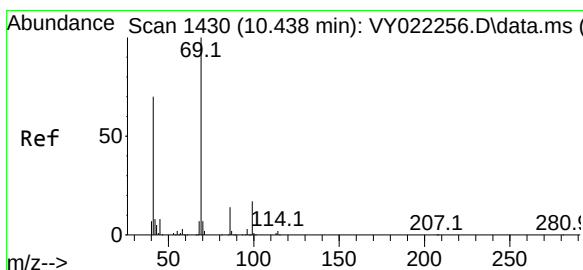
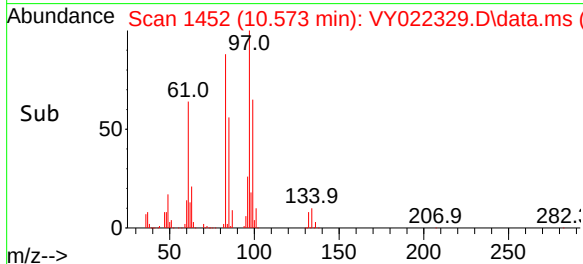
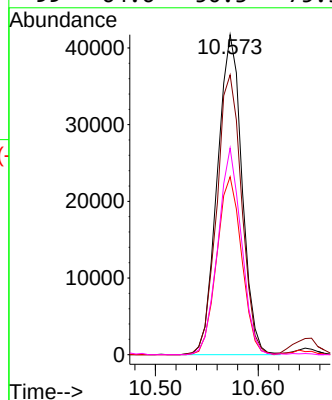
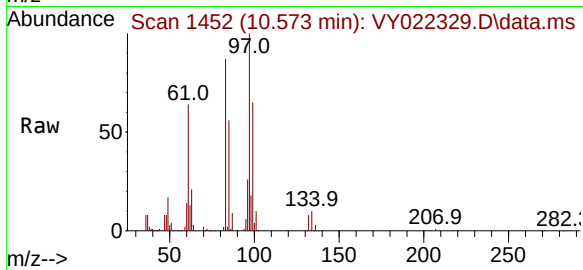
Ion Ratio Lower Upper

97 100

83 87.5 70.3 105.5

85 55.6 46.2 69.4

99 64.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 45.862 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

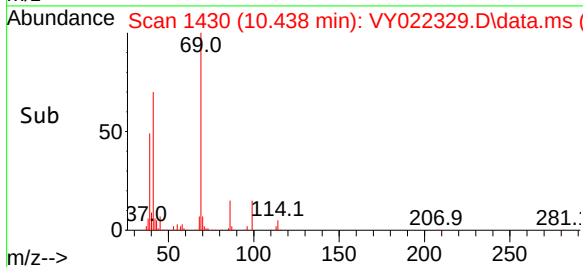
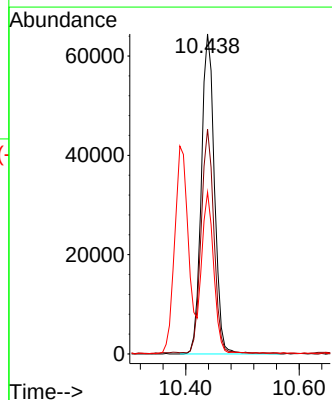
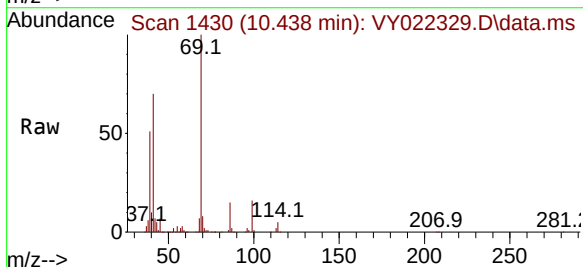
Tgt Ion: 69 Resp: 103441

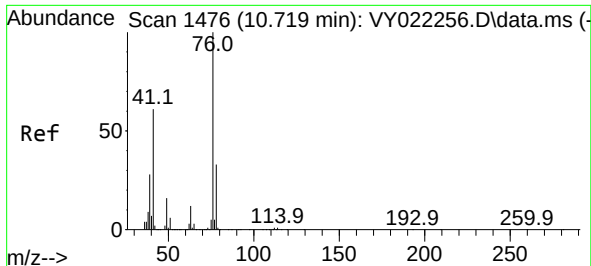
Ion Ratio Lower Upper

69 100

41 68.0 56.5 84.7

39 44.0 37.1 55.7





#57

1,3-Dichloropropane

Concen: 48.388 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

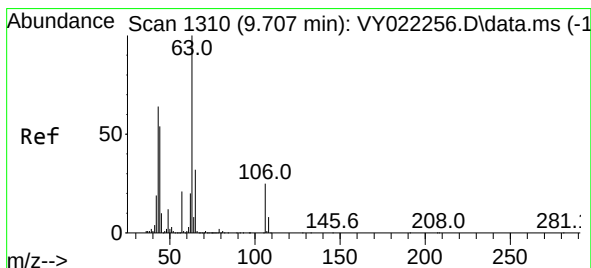
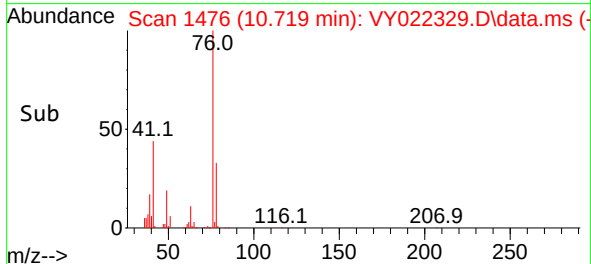
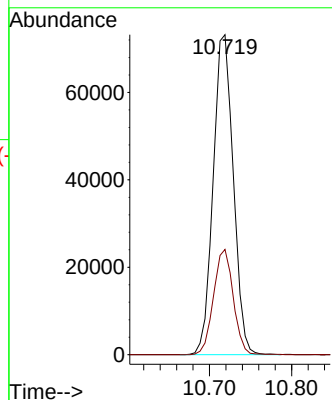
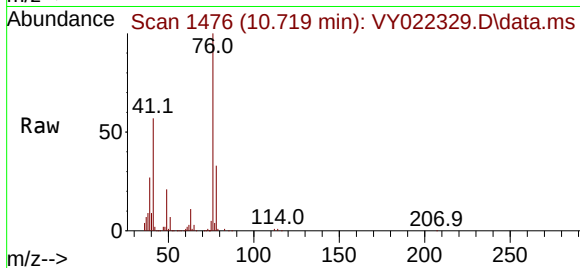
VSTDCCC050

Tgt Ion: 76 Resp: 124485

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 226.074 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022329.D

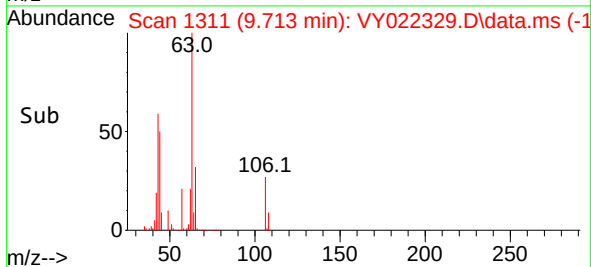
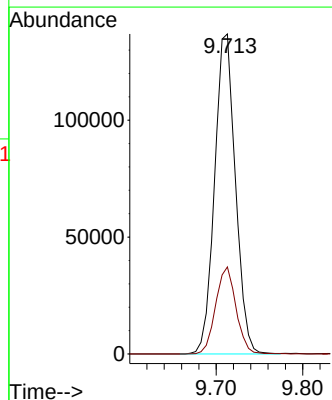
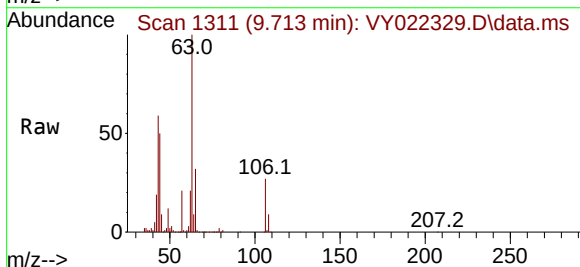
Acq: 20 May 2025 08:40

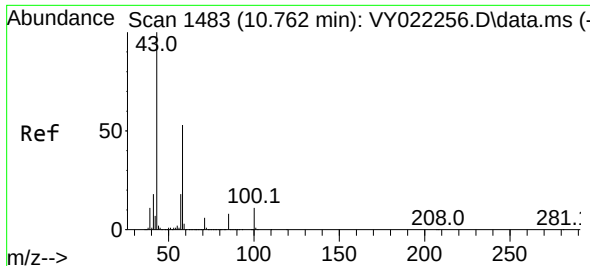
Tgt Ion: 63 Resp: 228868

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4

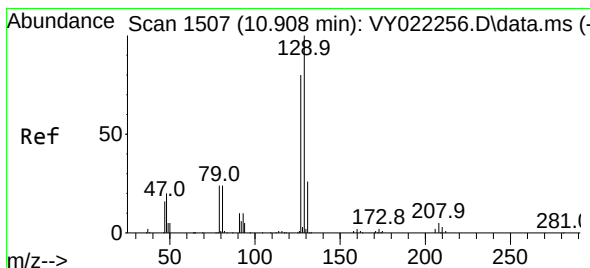
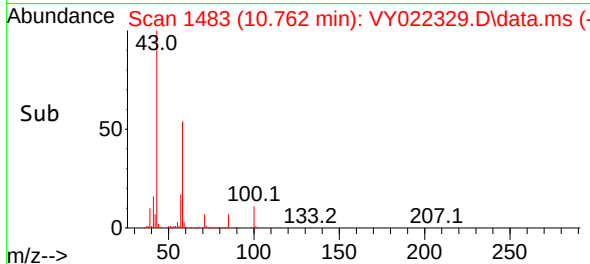
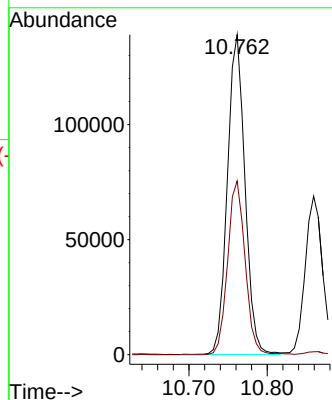
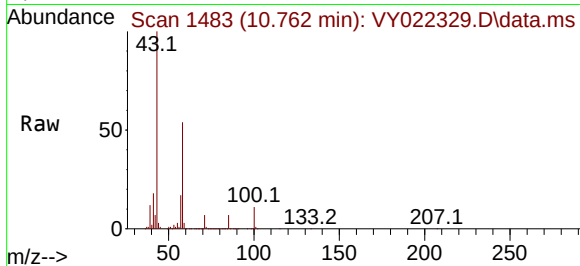




#59
2-Hexanone
Concen: 214.015 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

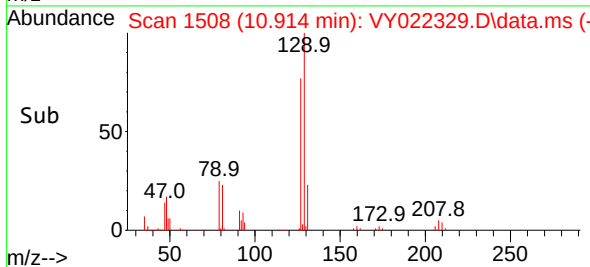
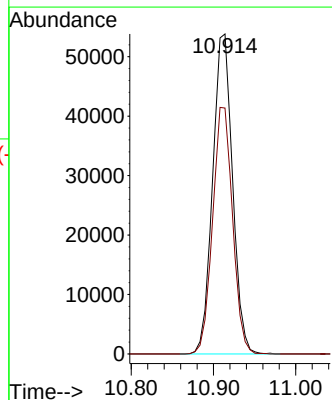
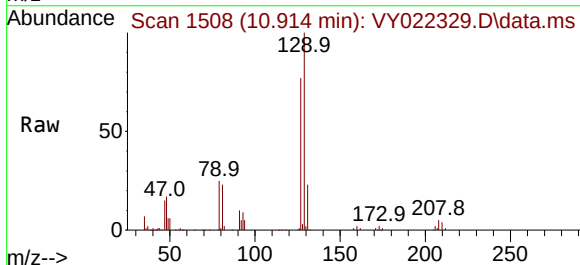
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

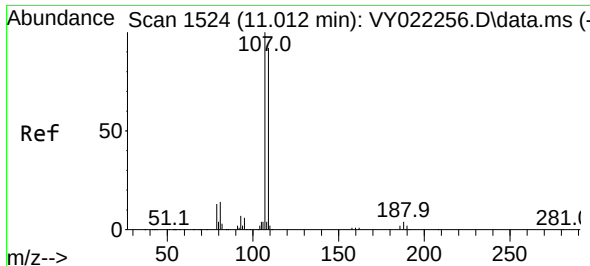
Tgt Ion: 43 Resp: 216713
Ion Ratio Lower Upper
43 100
58 54.2 26.1 78.3



#60
Dibromochloromethane
Concen: 48.185 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 129 Resp: 90557
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7

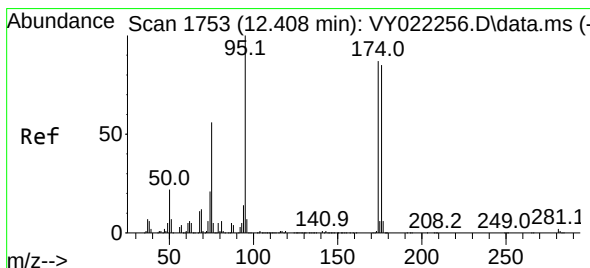
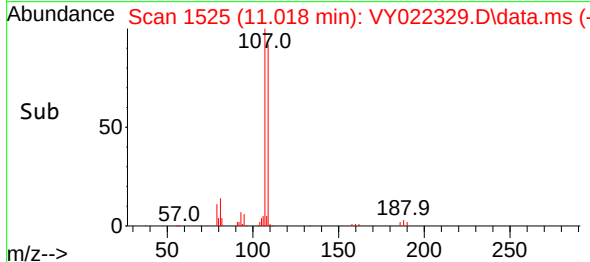
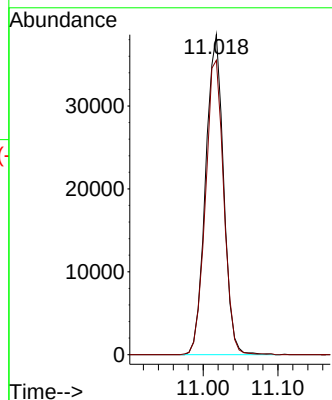
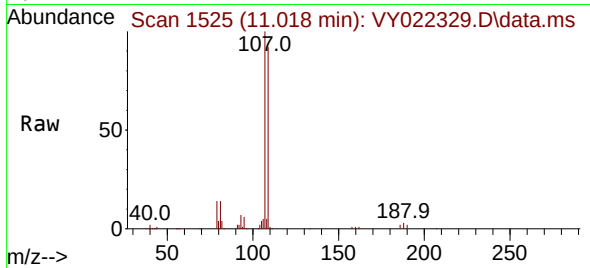




#61
1,2-Dibromoethane
Concen: 47.659 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

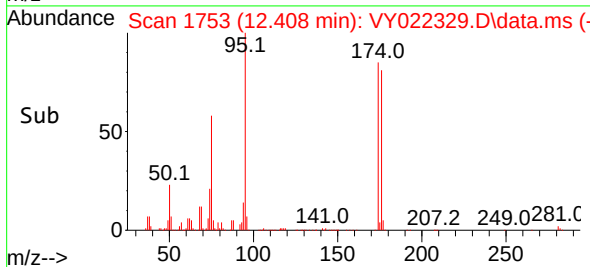
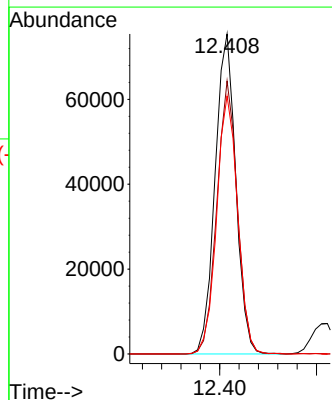
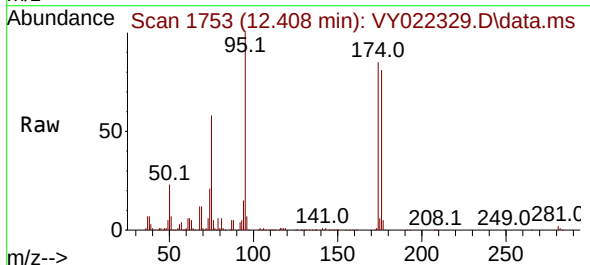
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

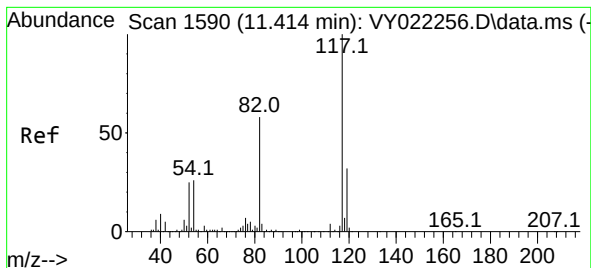
Tgt Ion:107 Resp: 64317
Ion Ratio Lower Upper
107 100
109 93.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 48.365 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 95 Resp: 111811
Ion Ratio Lower Upper
95 100
174 84.7 0.0 166.8
176 81.8 0.0 160.8

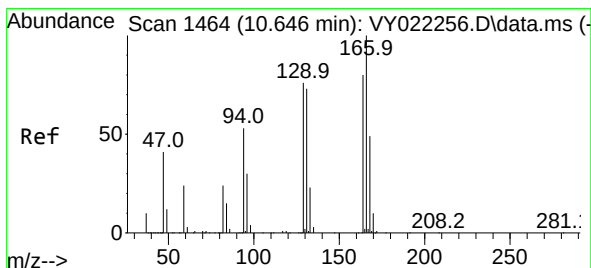
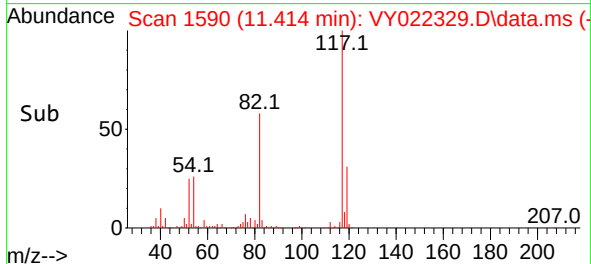
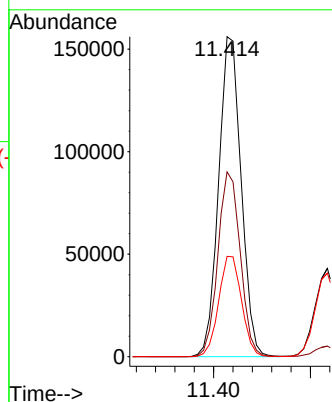
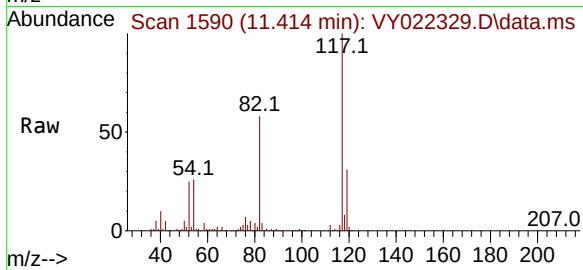




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

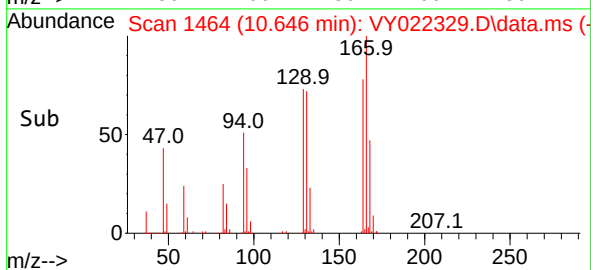
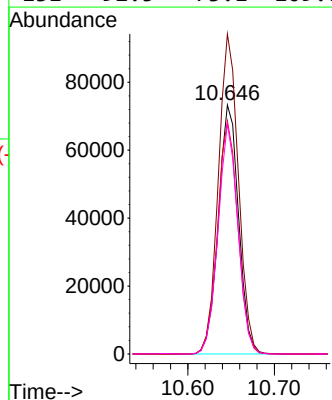
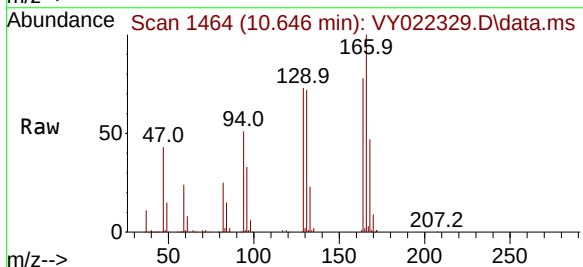
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

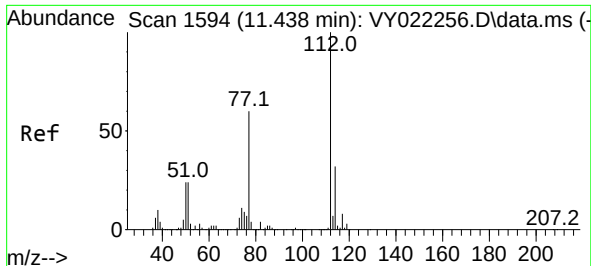
Tgt Ion:117 Resp: 252391
Ion Ratio Lower Upper
117 100
82 57.7 46.6 70.0
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 50.915 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion:164 Resp: 118778
Ion Ratio Lower Upper
164 100
166 128.5 100.4 150.6
129 93.6 76.4 114.6
131 92.5 73.1 109.7

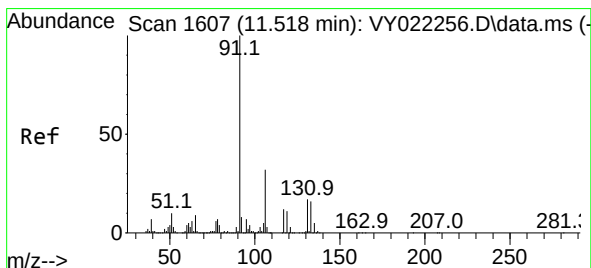
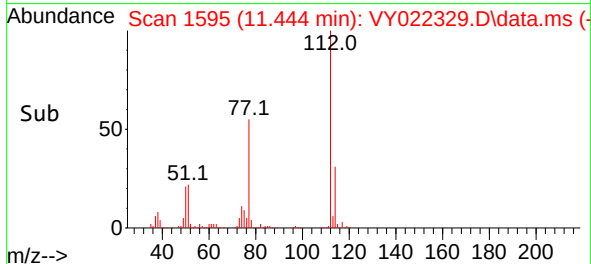
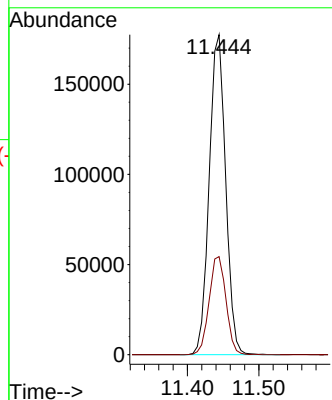
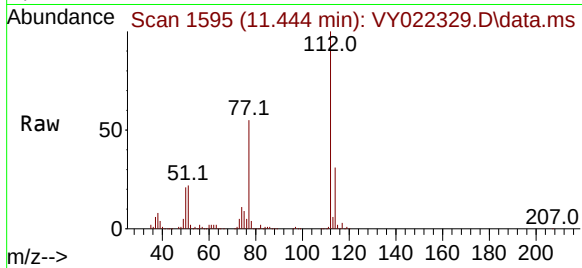




#65
Chlorobenzene
Concen: 49.729 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

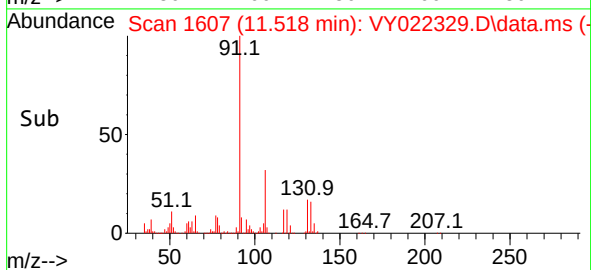
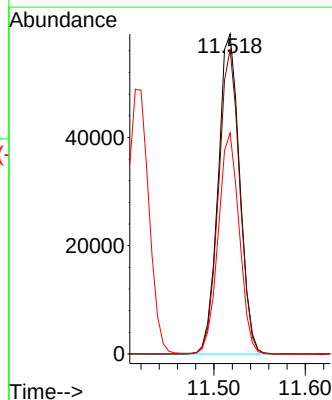
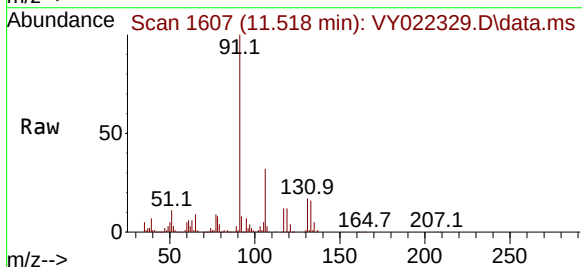
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

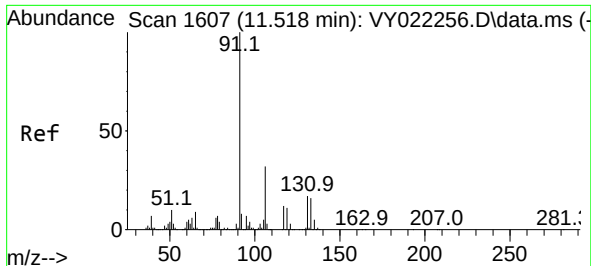
Tgt Ion:112 Resp: 283164
Ion Ratio Lower Upper
112 100
114 30.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.374 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion:131 Resp: 96653
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.9
119 67.6 33.1 99.2





#67

Ethyl Benzene

Concen: 50.166 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

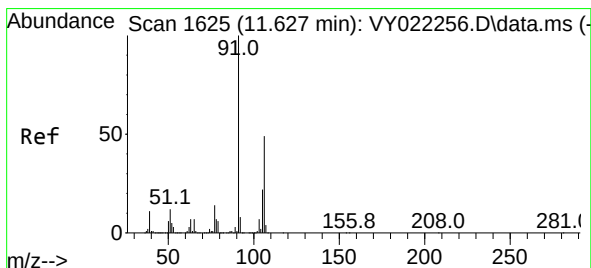
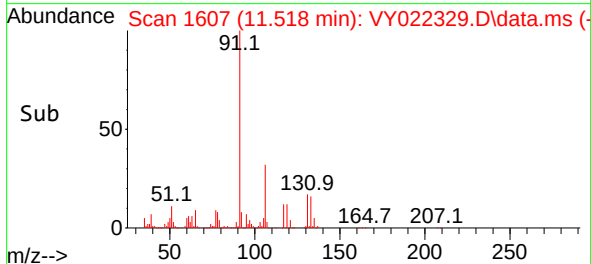
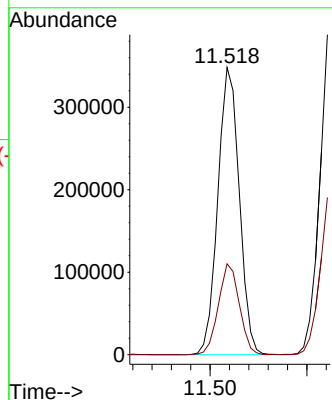
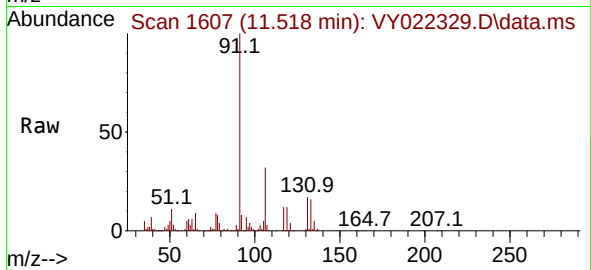
VSTDCCC050

Tgt Ion: 91 Resp: 534980

Ion Ratio Lower Upper

91 100

106 31.6 25.4 38.0



#68

m/p-Xylenes

Concen: 100.899 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022329.D

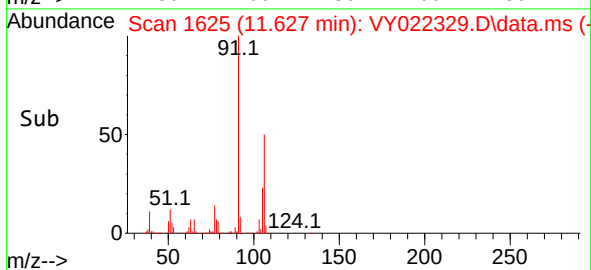
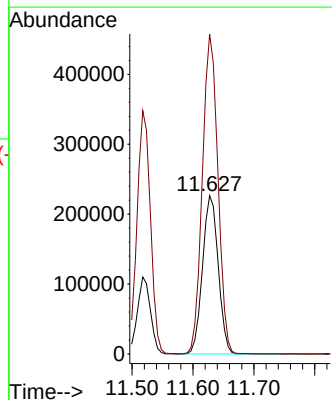
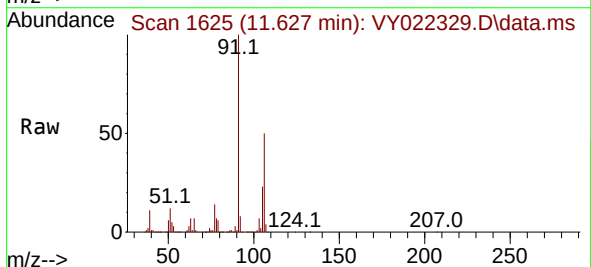
Acq: 20 May 2025 08:40

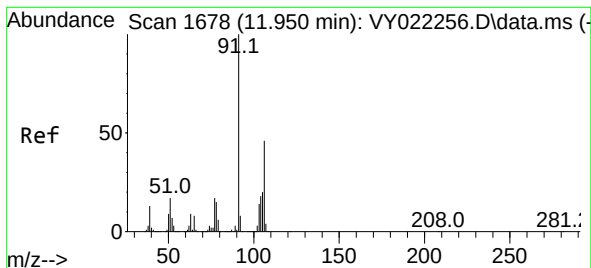
Tgt Ion: 106 Resp: 405451

Ion Ratio Lower Upper

106 100

91 200.1 163.0 244.4





#69

o-Xylene

Concen: 48.989 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

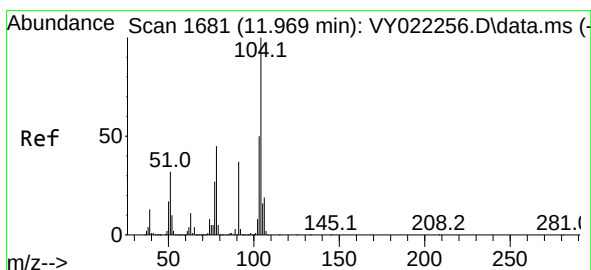
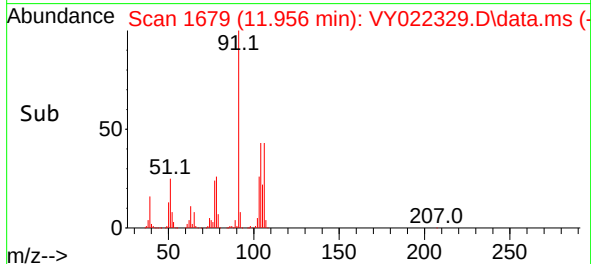
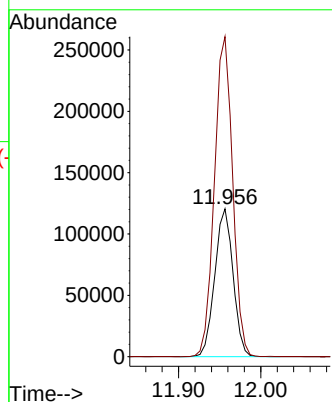
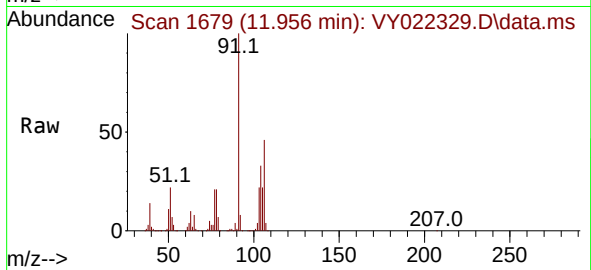
VSTDCCC050

Tgt Ion:106 Resp: 186251

Ion Ratio Lower Upper

106 100

91 215.9 108.3 324.8



#70

Styrene

Concen: 49.374 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

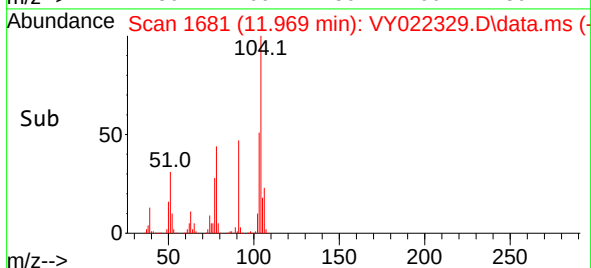
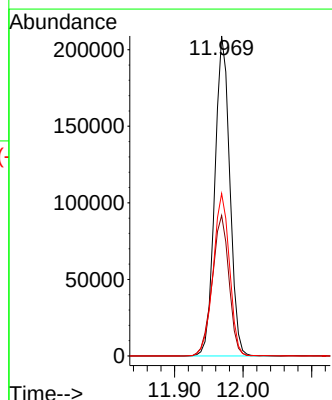
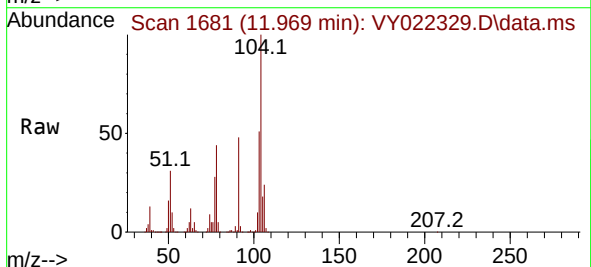
Tgt Ion:104 Resp: 316649

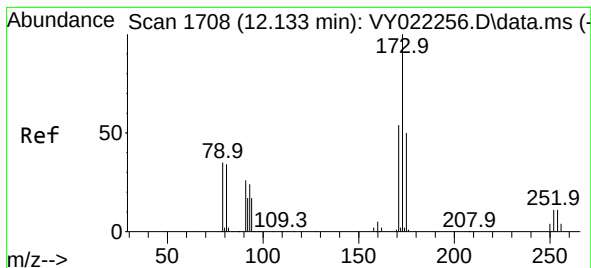
Ion Ratio Lower Upper

104 100

78 49.0 40.9 61.3

103 55.4 43.7 65.5





#71

Bromoform

Concen: 45.610 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

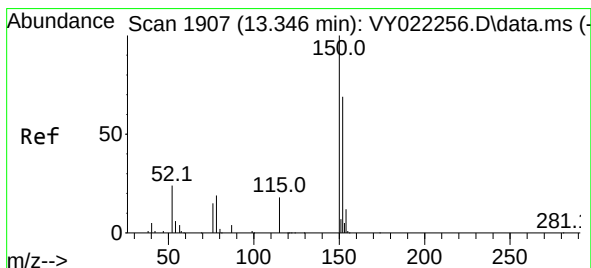
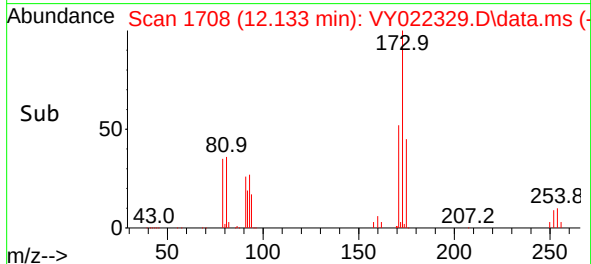
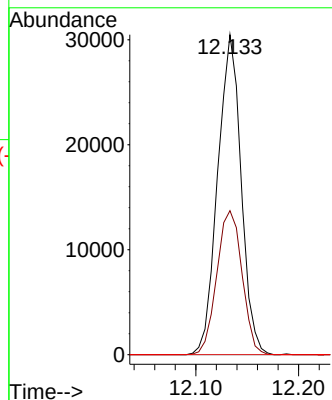
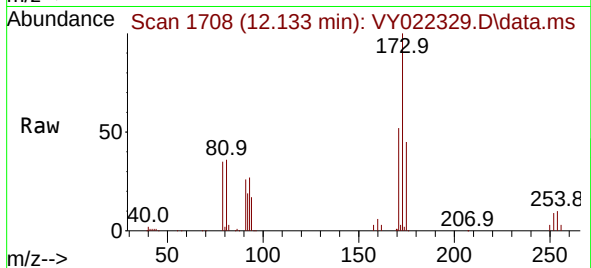
Tgt Ion:173 Resp: 48192

Ion Ratio Lower Upper

173 100

175 48.4 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

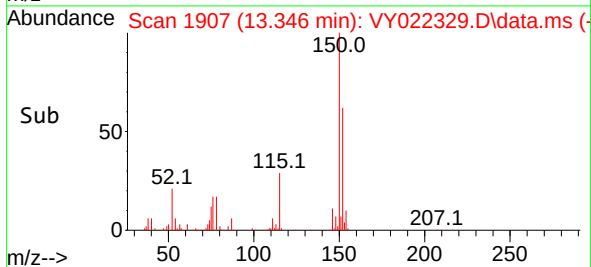
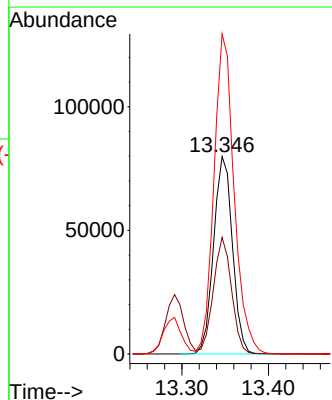
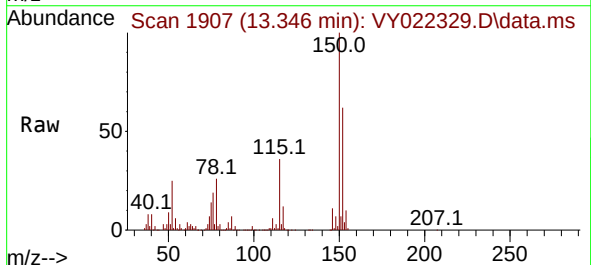
Tgt Ion:152 Resp: 120747

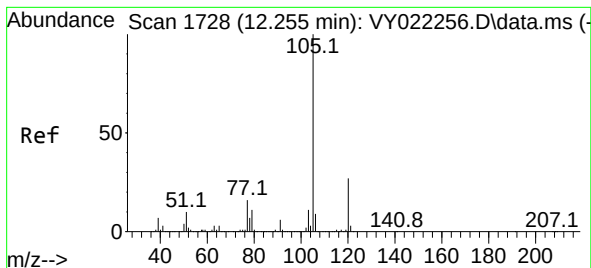
Ion Ratio Lower Upper

152 100

115 57.2 29.4 88.2

150 173.4 0.0 353.8





#73

Isopropylbenzene

Concen: 50.055 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

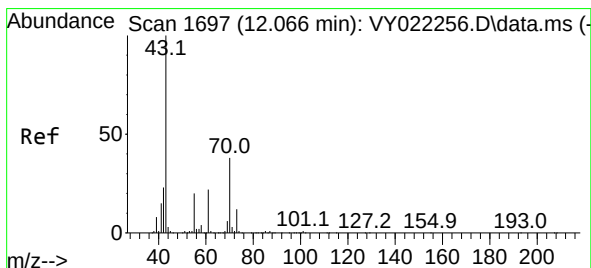
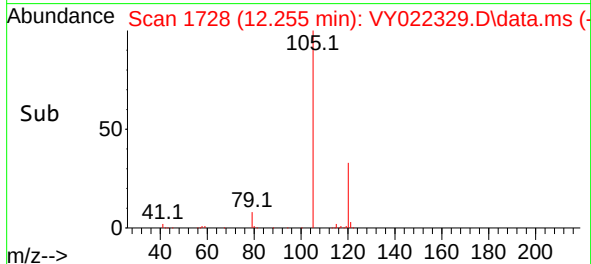
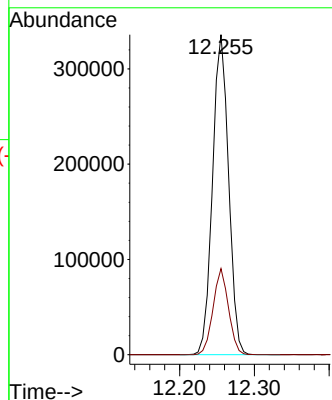
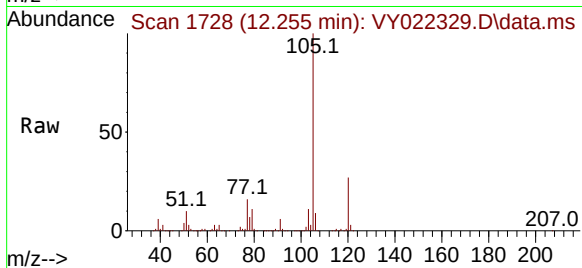
VSTDCCC050

Tgt Ion:105 Resp: 500715

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



#74

N-ethyl acetate

Concen: 42.753 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Tgt Ion: 43 Resp: 122315

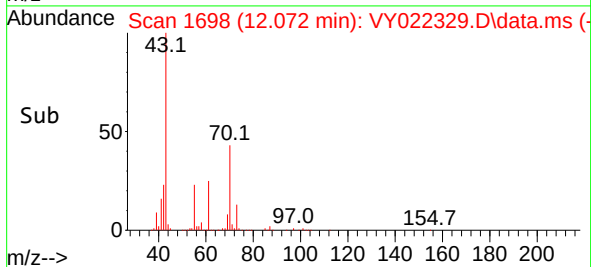
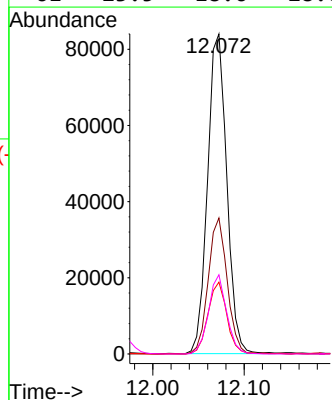
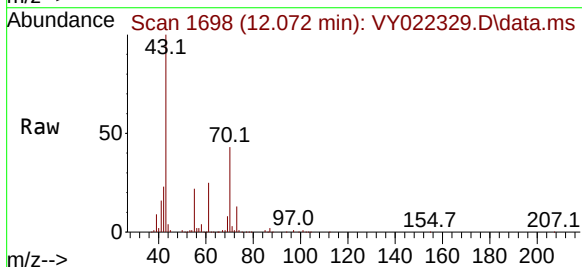
Ion Ratio Lower Upper

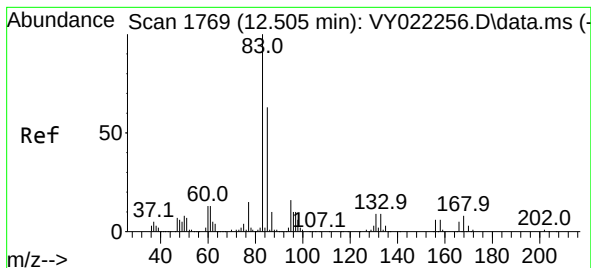
43 100

70 42.1 31.4 47.0

55 22.3 17.0 25.6

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.716 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

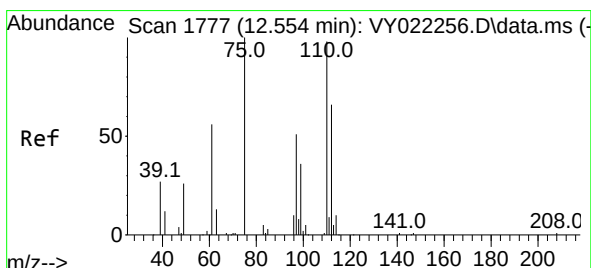
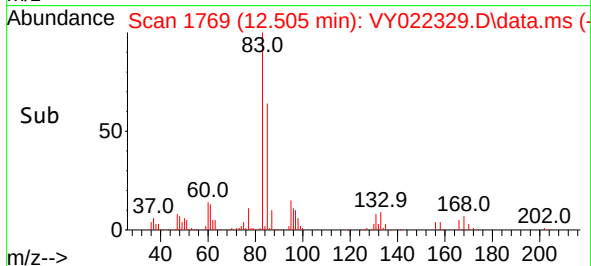
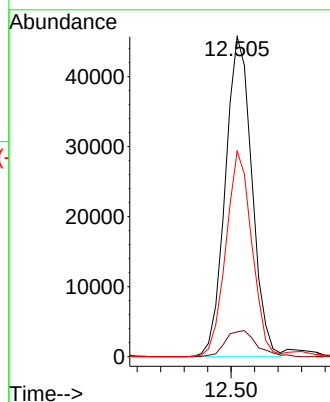
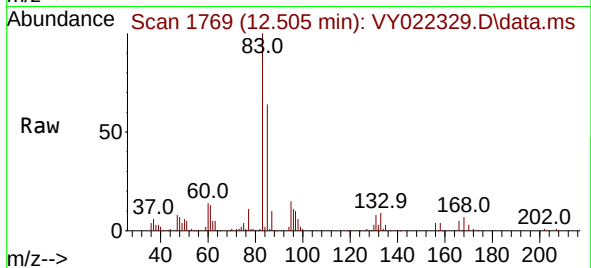
Tgt Ion: 83 Resp: 71869

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 62.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 86.545 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022329.D

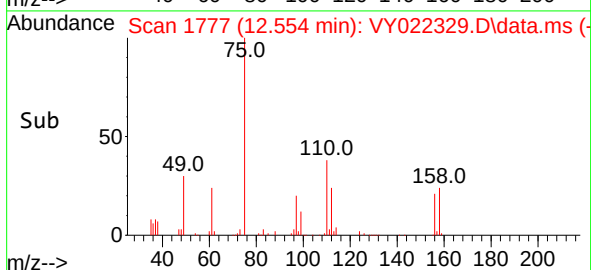
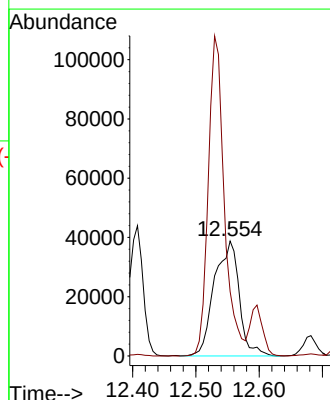
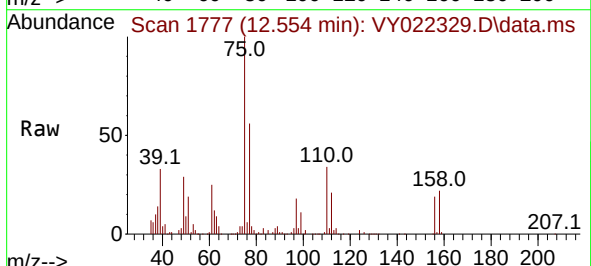
Acq: 20 May 2025 08:40

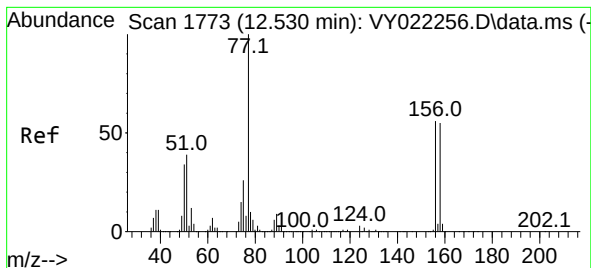
Tgt Ion: 75 Resp: 105870

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.696 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

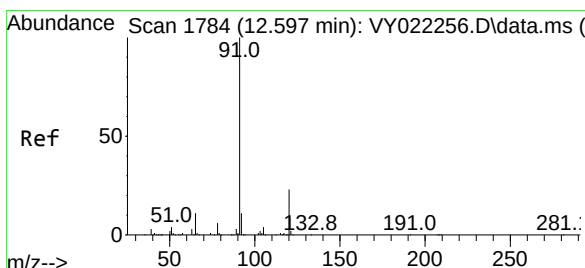
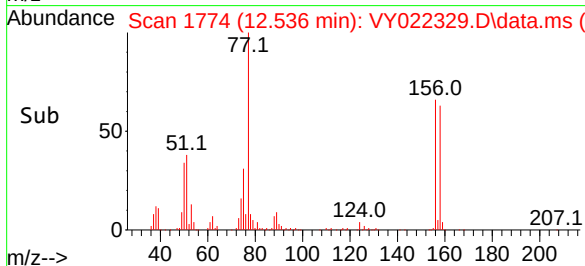
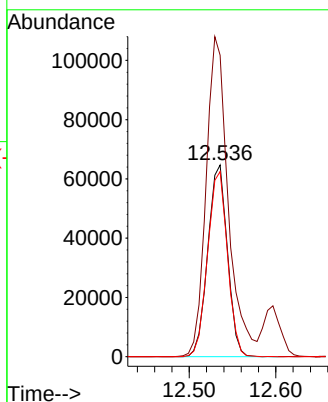
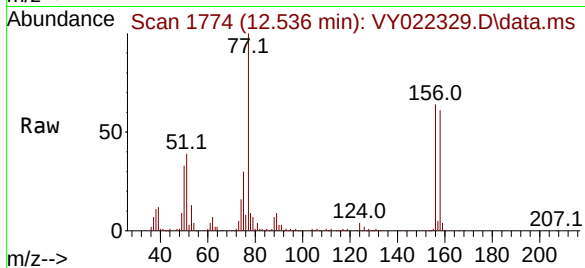
Tgt Ion:156 Resp: 101902

Ion Ratio Lower Upper

156 100

77 188.3 94.5 283.6

158 97.7 48.4 145.3



#78

n-propylbenzene

Concen: 50.658 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022329.D

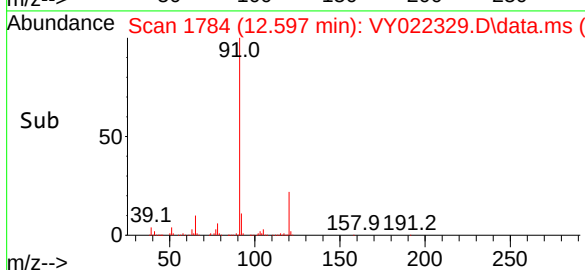
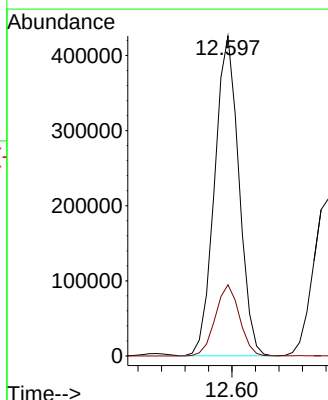
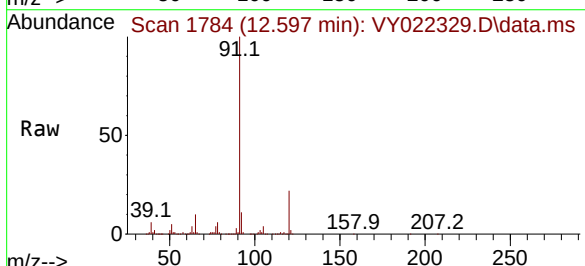
Acq: 20 May 2025 08:40

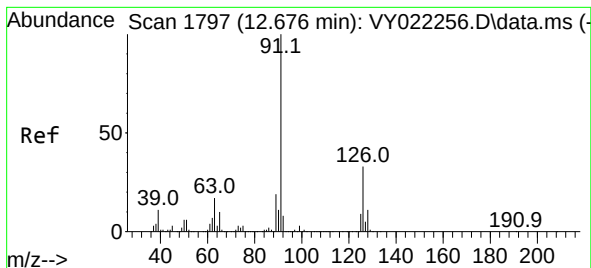
Tgt Ion: 91 Resp: 611228

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3





#79

2-Chlorotoluene

Concen: 48.352 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

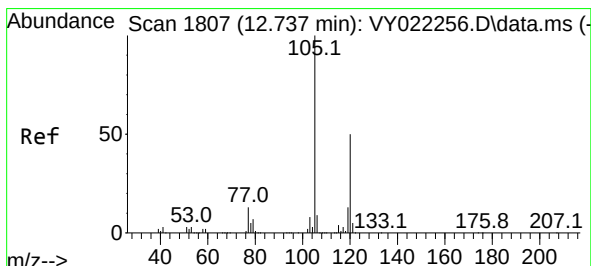
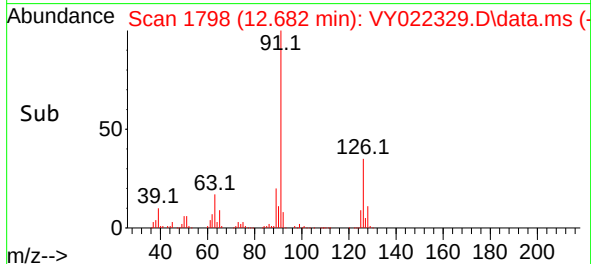
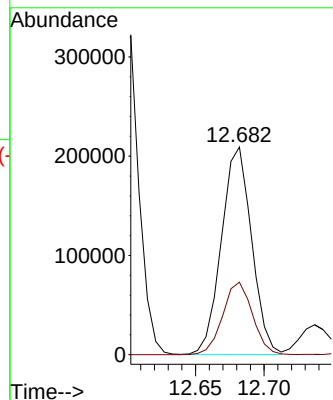
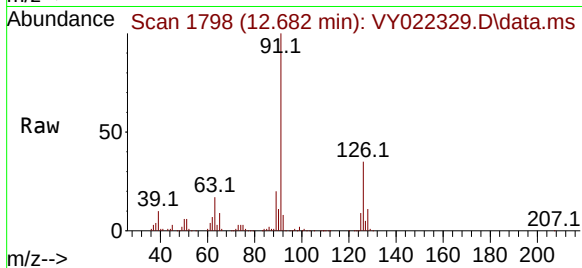
VSTDCCC050

Tgt Ion: 91 Resp: 320605

Ion Ratio Lower Upper

91 100

126 34.5 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 49.303 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022329.D

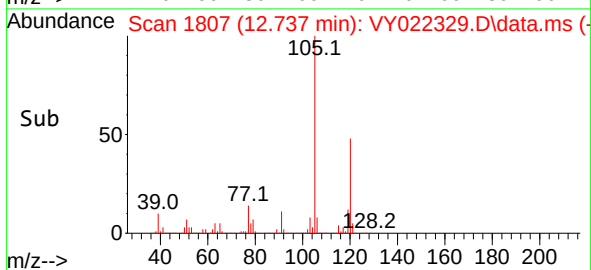
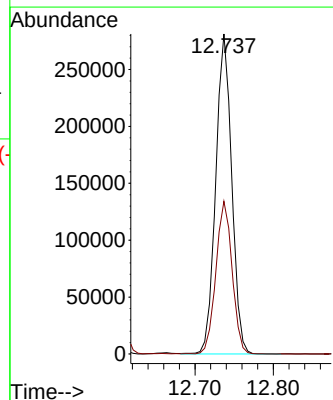
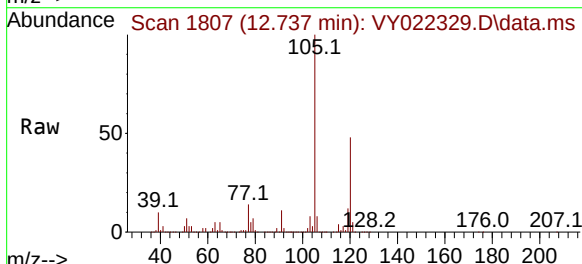
Acq: 20 May 2025 08:40

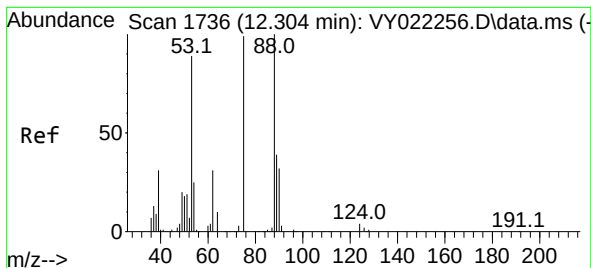
Tgt Ion:105 Resp: 398122

Ion Ratio Lower Upper

105 100

120 48.5 24.2 72.6

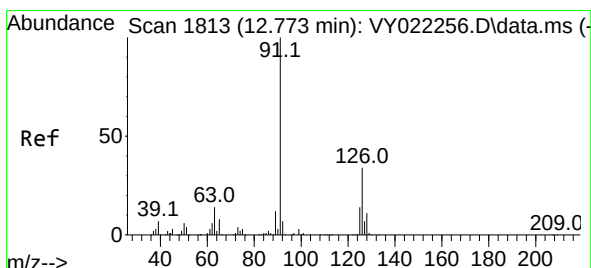
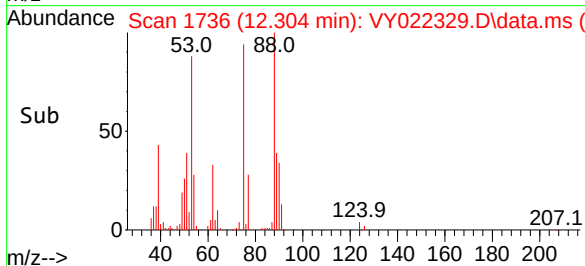
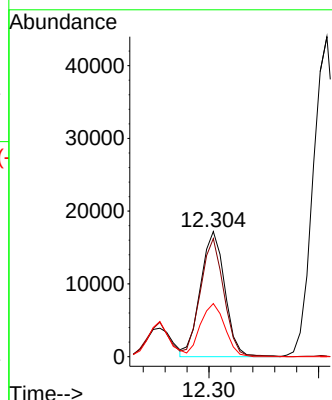
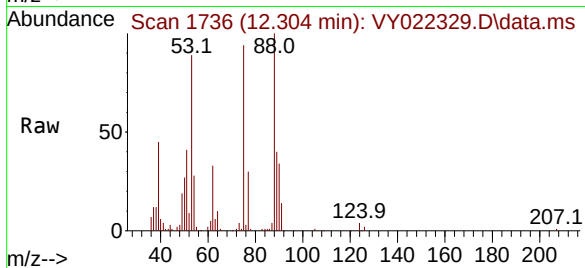




#81
trans-1,4-Dichloro-2-butene
Concen: 44.011 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

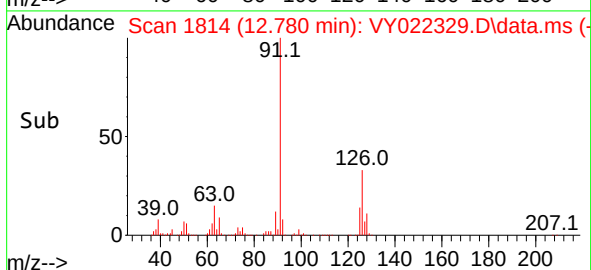
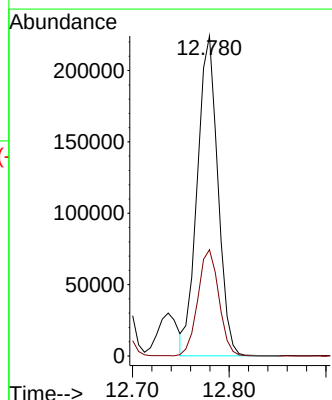
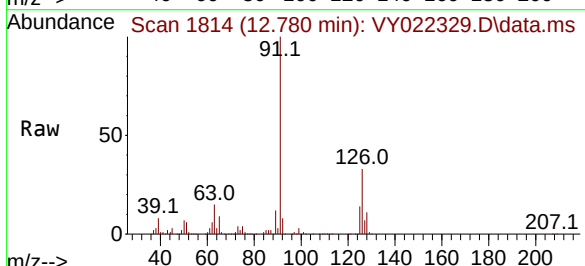
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

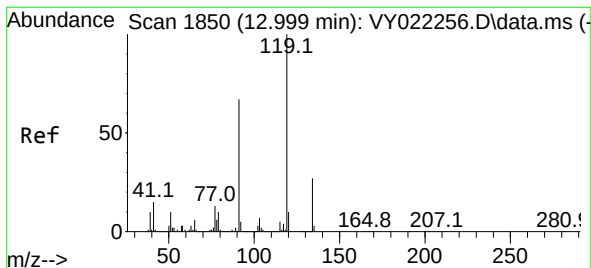
Tgt Ion: 75 Resp: 26577
Ion Ratio Lower Upper
75 100
53 91.4 75.8 113.8
89 42.3 36.2 54.2



#82
4-Chlorotoluene
Concen: 48.542 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022329.D
Acq: 20 May 2025 08:40

Tgt Ion: 91 Resp: 331061
Ion Ratio Lower Upper
91 100
126 34.0 16.8 50.4





#83

tert-Butylbenzene

Concen: 49.191 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

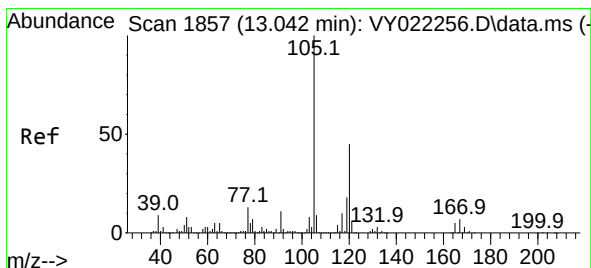
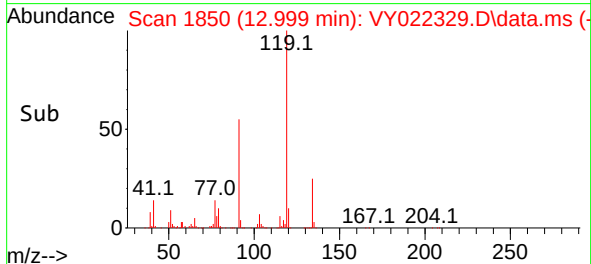
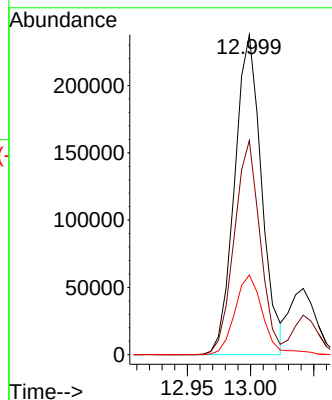
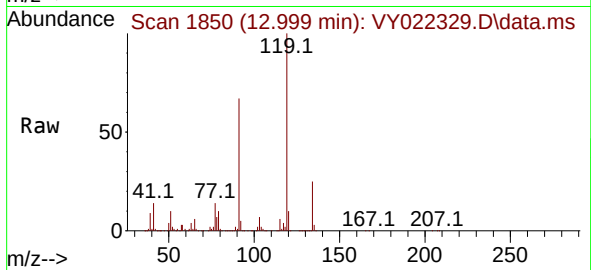
Tgt Ion:119 Resp: 353055

Ion Ratio Lower Upper

119 100

91 64.7 32.8 98.3

134 26.0 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 48.690 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022329.D

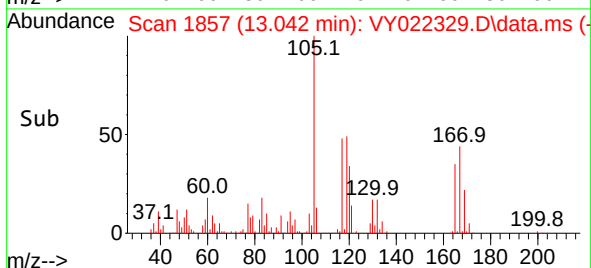
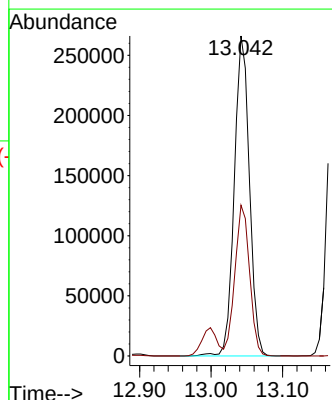
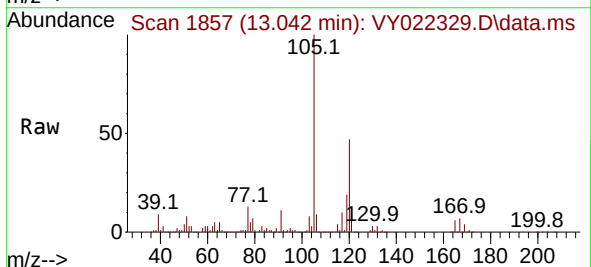
Acq: 20 May 2025 08:40

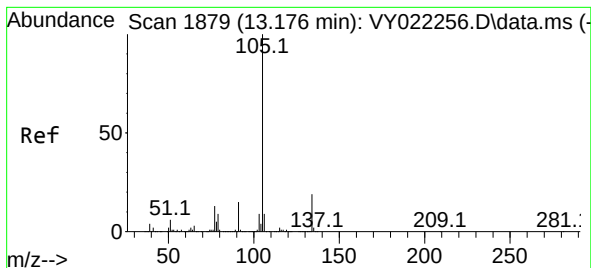
Tgt Ion:105 Resp: 390297

Ion Ratio Lower Upper

105 100

120 45.9 22.3 66.9





#85

sec-Butylbenzene

Concen: 50.299 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

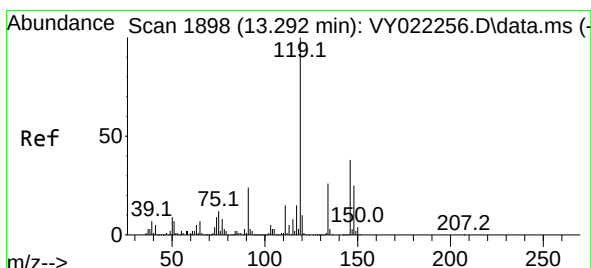
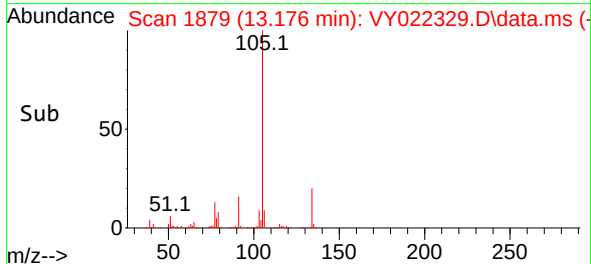
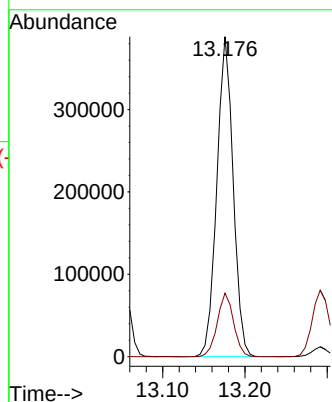
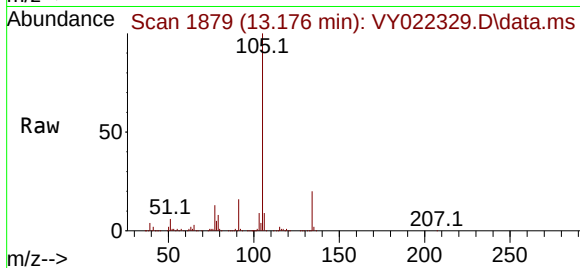
VSTDCCC050

Tgt Ion:105 Resp: 535889

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



#86

p-Isopropyltoluene

Concen: 50.085 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

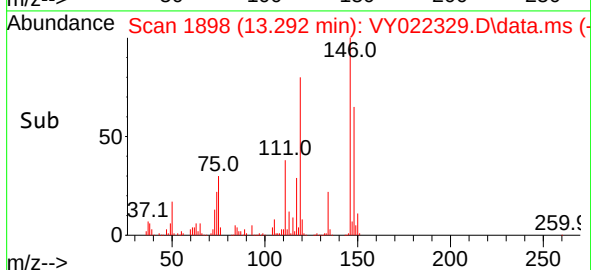
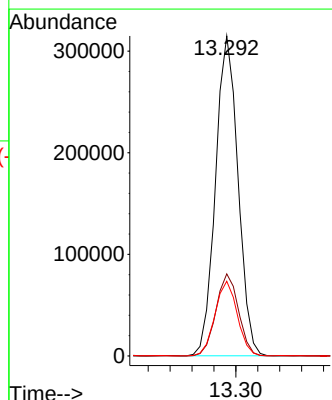
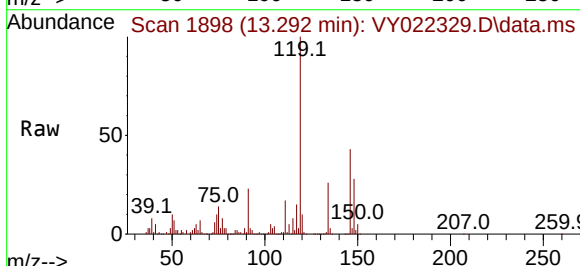
Tgt Ion:119 Resp: 448789

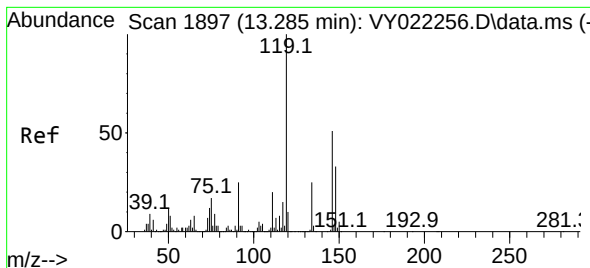
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.6

91 23.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 48.536 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

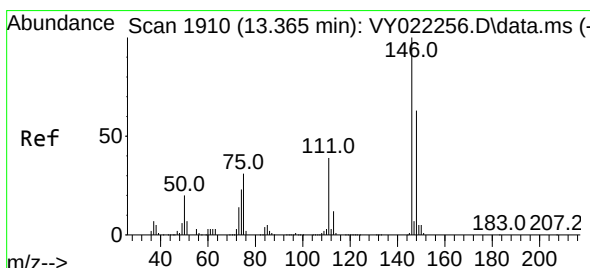
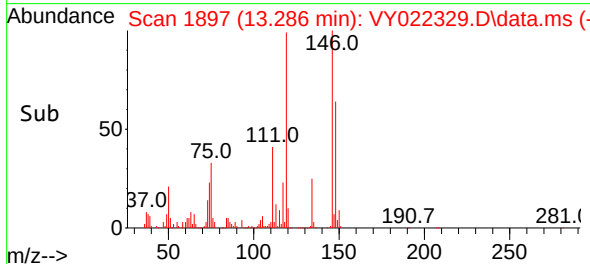
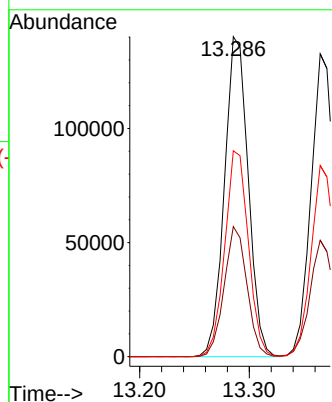
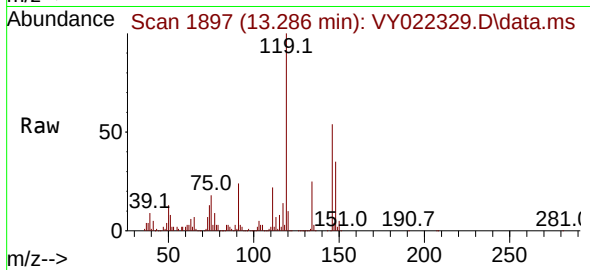
Tgt Ion:146 Resp: 211690

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

148 63.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 47.869 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

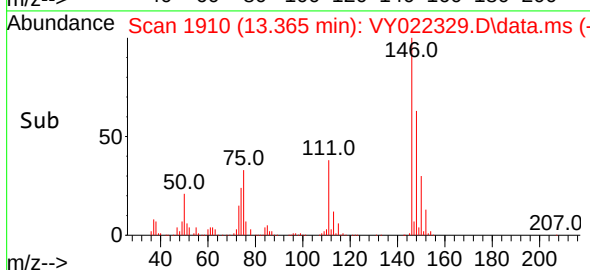
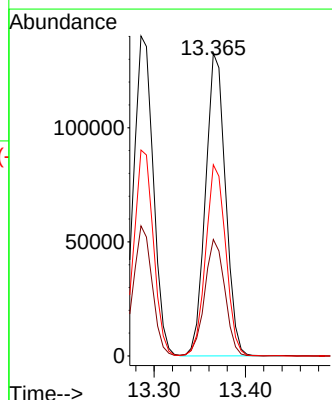
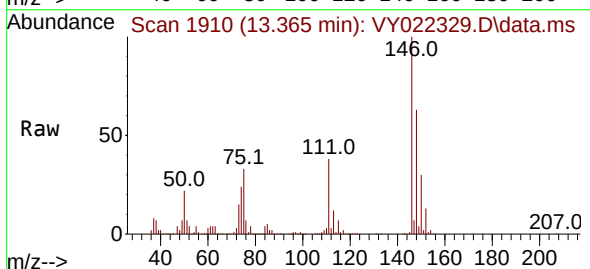
Tgt Ion:146 Resp: 200827

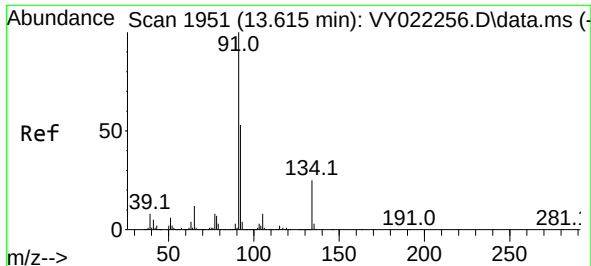
Ion Ratio Lower Upper

146 100

111 38.9 20.0 59.9

148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 50.735 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

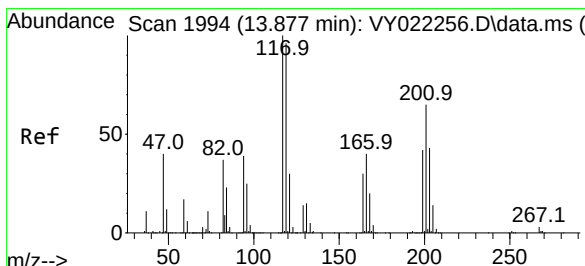
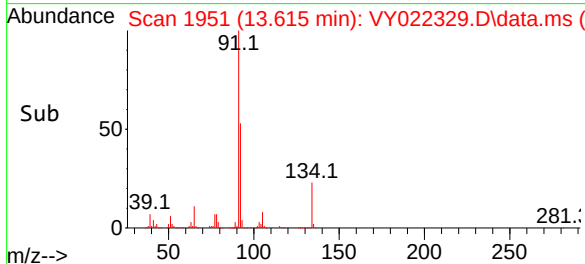
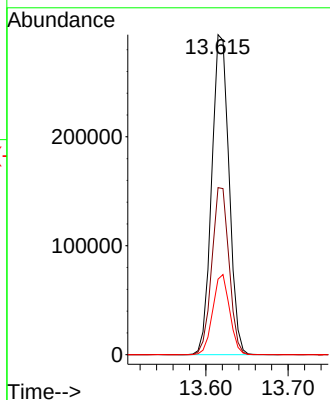
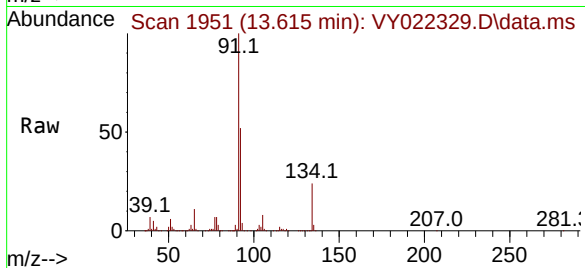
Tgt Ion: 91 Resp: 430086

Ion Ratio Lower Upper

91 100

92 51.9 26.3 78.9

134 24.5 12.4 37.4



#90

Hexachloroethane

Concen: 48.777 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022329.D

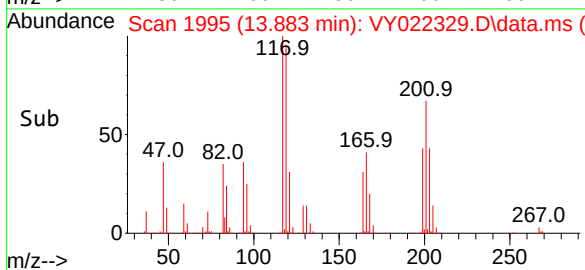
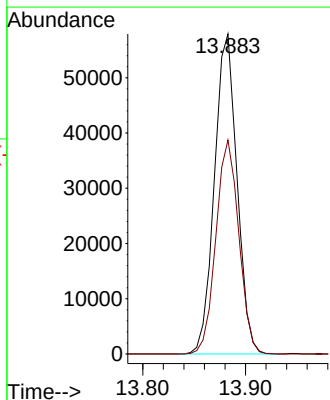
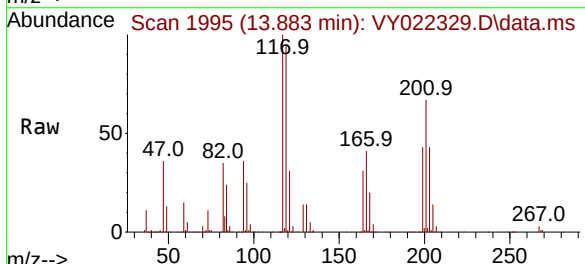
Acq: 20 May 2025 08:40

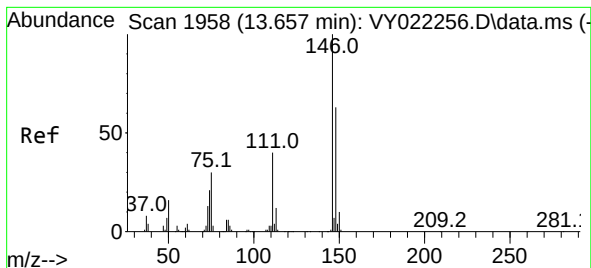
Tgt Ion: 117 Resp: 88228

Ion Ratio Lower Upper

117 100

201 68.0 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 47.987 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

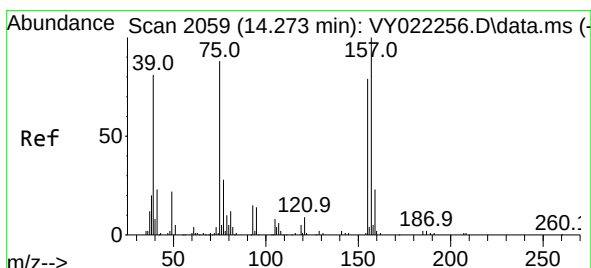
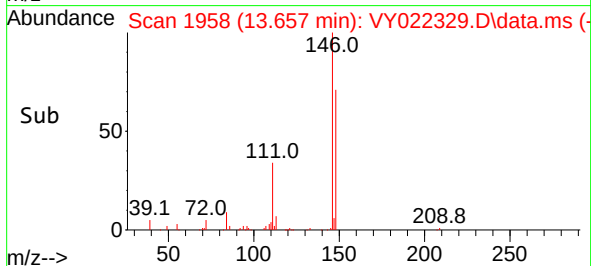
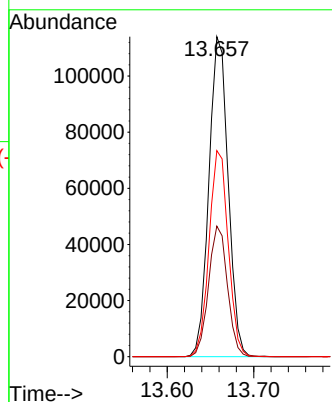
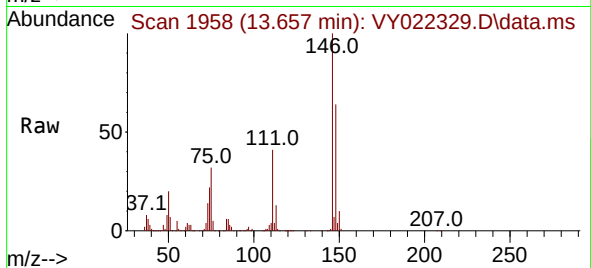
Tgt Ion:146 Resp: 175805

Ion Ratio Lower Upper

146 100

111 40.1 20.5 61.5

148 64.1 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.506 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

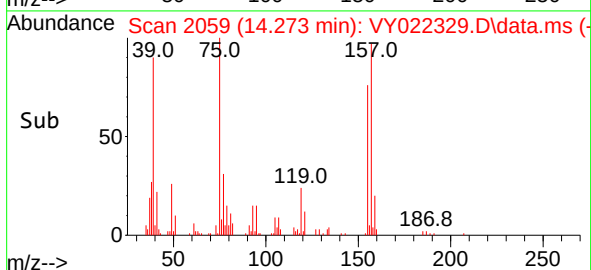
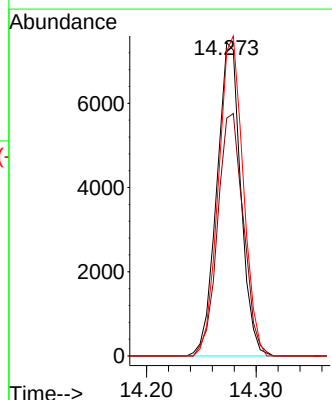
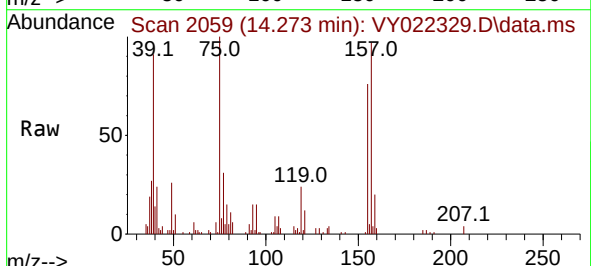
Tgt Ion: 75 Resp: 11289

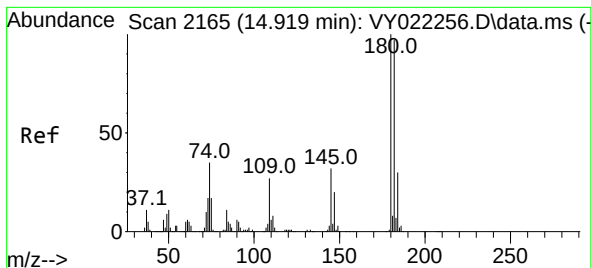
Ion Ratio Lower Upper

75 100

155 83.1 43.4 130.1

157 105.0 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 46.496 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

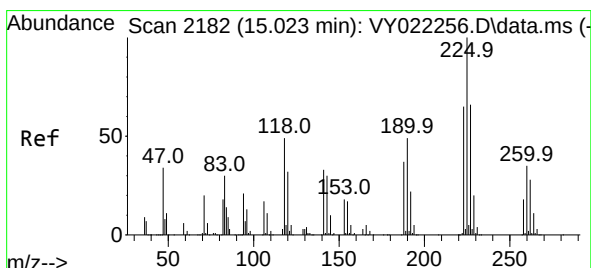
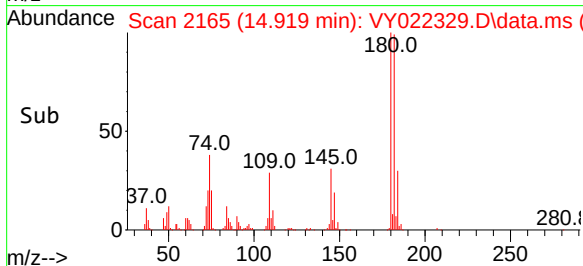
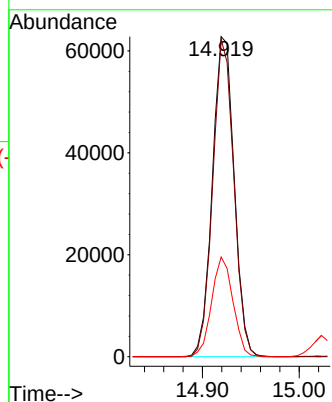
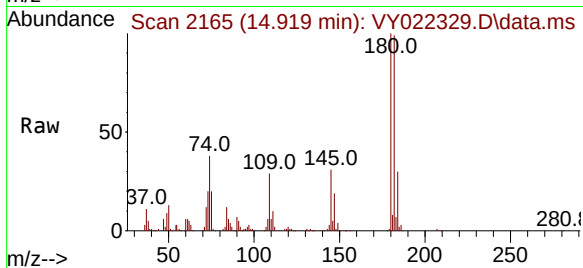
Tgt Ion:180 Resp: 98395

Ion Ratio Lower Upper

180 100

182 95.5 48.0 144.0

145 30.5 15.0 45.1



#94

Hexachlorobutadiene

Concen: 45.960 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

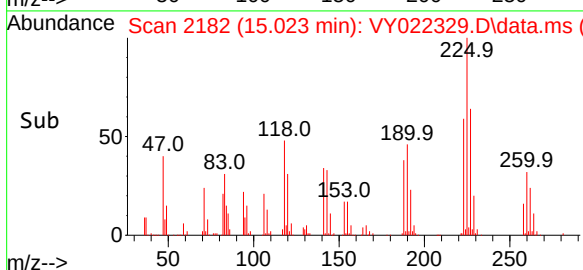
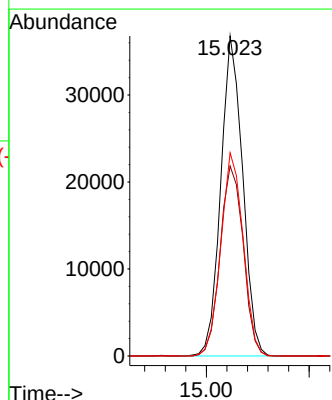
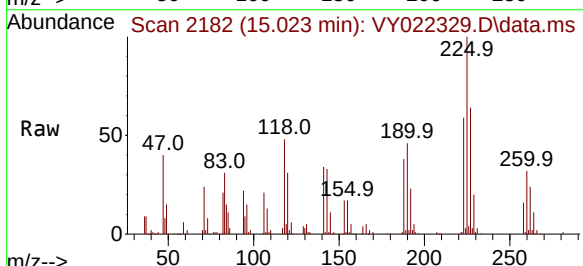
Tgt Ion:225 Resp: 54240

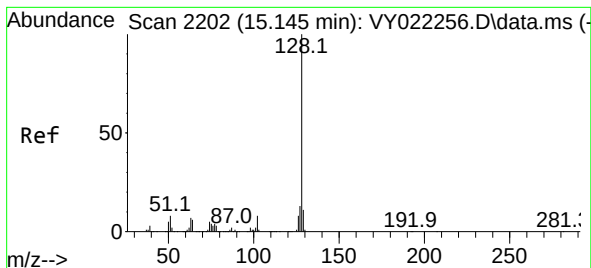
Ion Ratio Lower Upper

225 100

223 62.5 31.5 94.5

227 64.9 32.1 96.3





#95

Naphthalene

Concen: 44.695 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

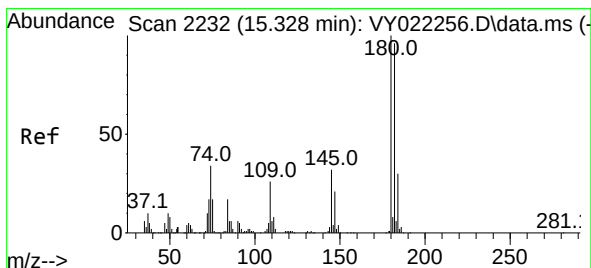
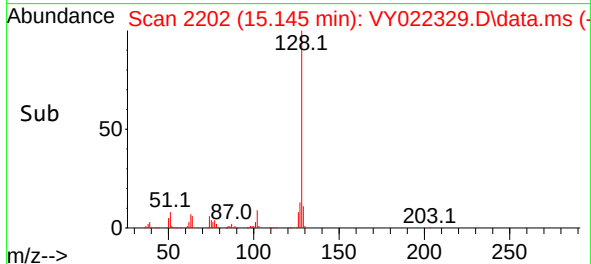
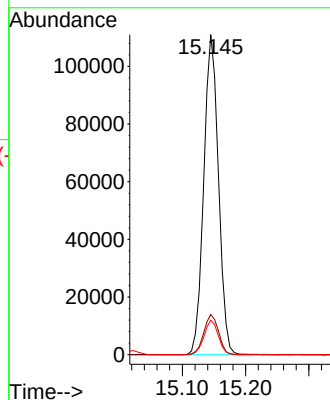
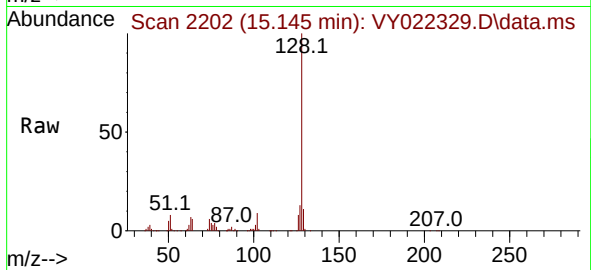
Tgt Ion:128 Resp: 179488

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 45.719 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022329.D

Acq: 20 May 2025 08:40

Tgt Ion:180 Resp: 82076

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.3

145 31.1 15.9 47.6

