

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021925\
 Data File : VY021236.D
 Acq On : 19 Feb 2025 14:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 20 00:15:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	200462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	311138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	266562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	126814	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	94135	45.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.660%
35) Dibromofluoromethane	7.646	113	93179	46.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.460%
50) Toluene-d8	10.115	98	340426	44.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.680%
62) 4-Bromofluorobenzene	12.414	95	117047	47.196	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	77551	43.405	ug/l	98
3) Chloromethane	2.074	50	86476	49.049	ug/l	97
4) Vinyl Chloride	2.214	62	93493	52.685	ug/l	97
5) Bromomethane	2.611	94	53715	48.974	ug/l	97
6) Chloroethane	2.745	64	57311	54.253	ug/l	99
7) Trichlorofluoromethane	3.068	101	161473	49.946	ug/l	97
8) Diethyl Ether	3.464	74	52022	51.545	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	98042	48.319	ug/l	96
10) Methyl Iodide	4.019	142	110553	49.042	ug/l	93
11) Tert butyl alcohol	4.903	59	31554	226.709	ug/l #	89
12) 1,1-Dichloroethene	3.805	96	91137	47.682	ug/l	92
13) Acrolein	3.665	56	38701	180.571	ug/l	99
14) Allyl chloride	4.397	41	164021	50.917	ug/l	95
15) Acrylonitrile	5.080	53	106975	254.538	ug/l	99
16) Acetone	3.891	43	83071	259.354	ug/l	99
17) Carbon Disulfide	4.122	76	255144	42.570	ug/l	99
18) Methyl Acetate	4.403	43	60873	54.139	ug/l	98
19) Methyl tert-butyl Ether	5.134	73	250004	51.750	ug/l	96
20) Methylene Chloride	4.628	84	98938	49.688	ug/l	94
21) trans-1,2-Dichloroethene	5.128	96	100860	47.939	ug/l	94
22) Diisopropyl ether	6.031	45	349042	52.568	ug/l	98
23) Vinyl Acetate	5.976	43	959119	259.121	ug/l	99
24) 1,1-Dichloroethane	5.927	63	195868	50.349	ug/l	98
25) 2-Butanone	6.909	43	135277	257.014	ug/l	98
26) 2,2-Dichloropropane	6.902	77	178662	49.635	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	120858	49.906	ug/l	92
28) Bromochloromethane	7.256	49	78475	51.015	ug/l	98
29) Tetrahydrofuran	7.280	42	90325	253.611	ug/l	95
30) Chloroform	7.433	83	200620	50.208	ug/l	99
31) Cyclohexane	7.713	56	162999	46.529	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	185557	49.948	ug/l	100
36) 1,1-Dichloropropene	7.847	75	142250	48.164	ug/l	99
37) Ethyl Acetate	7.000	43	66109	51.024	ug/l	99
38) Carbon Tetrachloride	7.829	117	167388	48.505	ug/l	99
39) Methylcyclohexane	9.122	83	180580	49.986	ug/l	96
40) Benzene	8.091	78	424435	48.970	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	38118	50.853	ug/l	94
42) 1,2-Dichloroethane	8.170	62	119521	49.711	ug/l	97
43) Isopropyl Acetate	8.207	43	135143	52.494	ug/l #	84
44) Trichloroethene	8.878	130	109079	48.712	ug/l	96
45) 1,2-Dichloropropane	9.152	63	105592	51.328	ug/l	96
46) Dibromomethane	9.237	93	55920	49.095	ug/l	96
47) Bromodichloromethane	9.432	83	154682	50.636	ug/l	97
48) Methyl methacrylate	9.231	41	63766	54.376	ug/l	94
49) 1,4-Dioxane	9.250	88	11020	1039.289	ug/l	92
51) 4-Methyl-2-Pentanone	10.006	43	338455	261.432	ug/l	98
52) Toluene	10.182	92	270409	49.688	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	143554	52.336	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	167429	51.553	ug/l	92
55) 1,1,2-Trichloroethane	10.579	97	73589	49.892	ug/l	99
56) Ethyl methacrylate	10.444	69	106288	53.867	ug/l #	89
57) 1,3-Dichloropropane	10.725	76	132165	51.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	290576	309.543	ug/l	99
59) 2-Hexanone	10.768	43	223757	268.437	ug/l	96
60) Dibromochloromethane	10.920	129	105589	50.976	ug/l	85
61) 1,2-Dibromoethane	11.024	107	67805	49.079	ug/l	99
64) Tetrachloroethene	10.658	164	94893	47.954	ug/l	96
65) Chlorobenzene	11.450	112	295517	49.788	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	105626	50.076	ug/l	98
67) Ethyl Benzene	11.530	91	530991	50.579	ug/l	99
68) m/p-Xylenes	11.639	106	391171	99.601	ug/l	96
69) o-Xylene	11.962	106	188775	51.555	ug/l	98
70) Styrene	11.981	104	315025	51.620	ug/l	98
71) Bromoform	12.145	173	58498	49.825	ug/l #	99
73) Isopropylbenzene	12.261	105	525075	53.006	ug/l	85
74) N-amyl acetate	12.078	43	117988	54.480	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.517	83	81571	49.512	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	109182	94.911	ug/l #	100
77) Bromobenzene	12.542	156	112364	49.154	ug/l	96
78) n-propylbenzene	12.603	91	605704	51.330	ug/l	99
79) 2-Chlorotoluene	12.688	91	341745	50.565	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	406625	50.629	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	119661	212.252	ug/l #	48
82) 4-Chlorotoluene	12.786	91	373956	54.307	ug/l	95
83) tert-Butylbenzene	13.005	119	371033	50.825	ug/l	95
84) 1,2,4-Trimethylbenzene	13.054	105	405711	51.664	ug/l	100
85) sec-Butylbenzene	13.182	105	547941	52.143	ug/l	99
86) p-Isopropyltoluene	13.298	119	451592	51.734	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	220193	49.887	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	214096	49.263	ug/l	100
89) n-Butylbenzene	13.627	91	426856	53.602	ug/l	99
90) Hexachloroethane	13.889	117	93847	51.535	ug/l	86
91) 1,2-Dichlorobenzene	13.669	146	190520	49.731	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	12977	52.711	ug/l	97
93) 1,2,4-Trichlorobenzene	14.931	180	115371	54.103	ug/l	99
94) Hexachlorobutadiene	15.035	225	73405	51.945	ug/l	100
95) Naphthalene	15.157	128	194341	56.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	94833	53.438	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

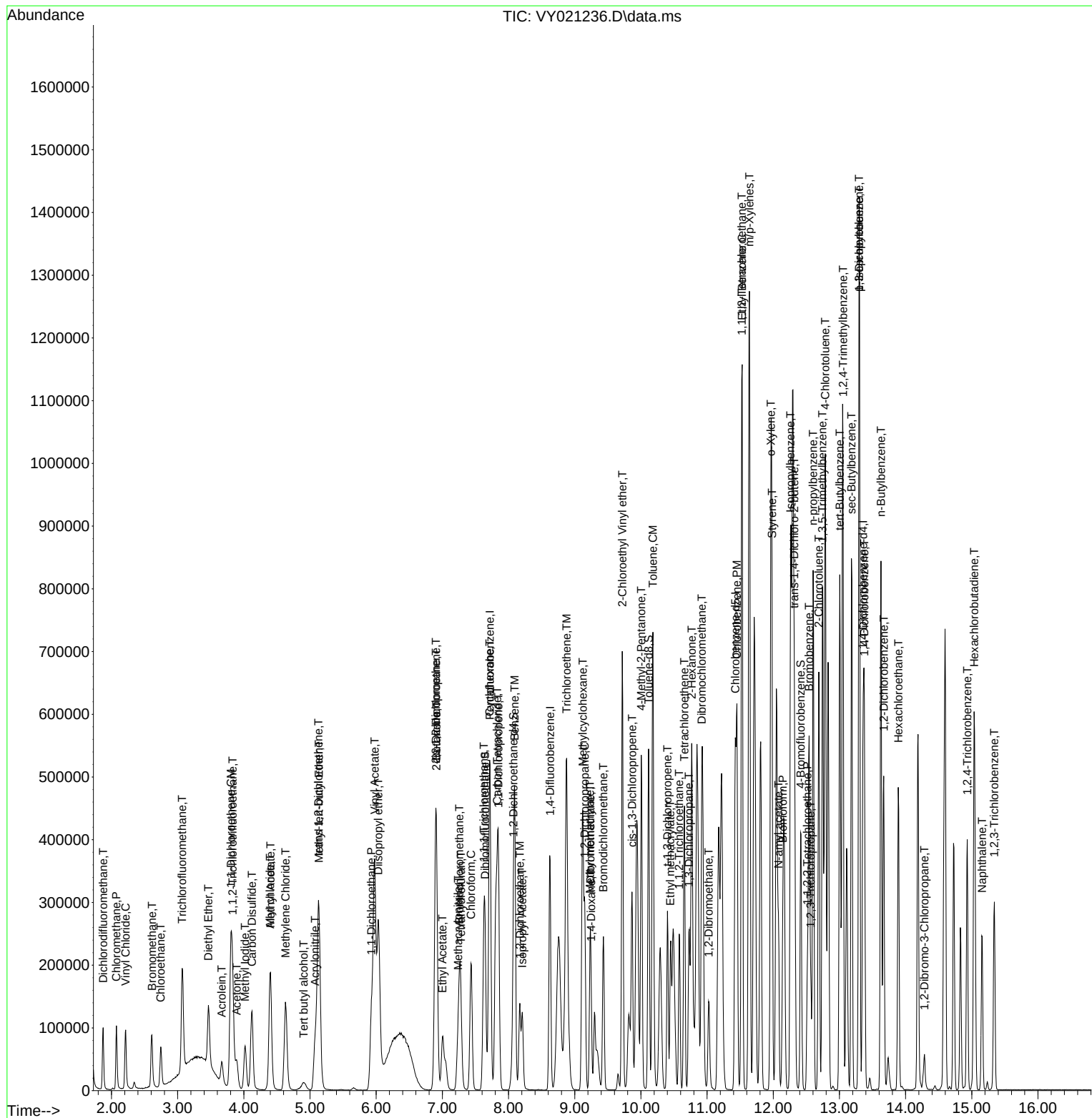
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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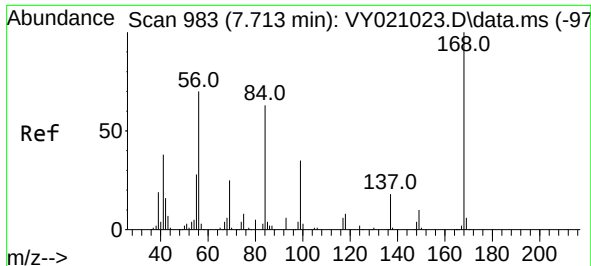
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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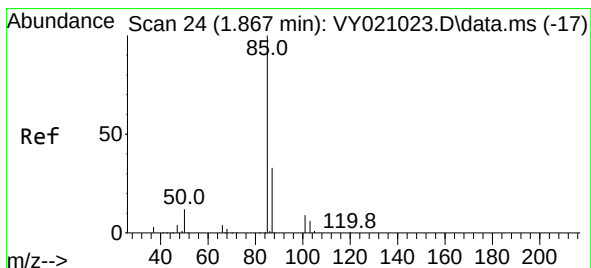
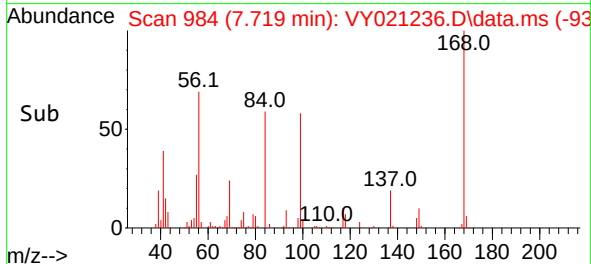
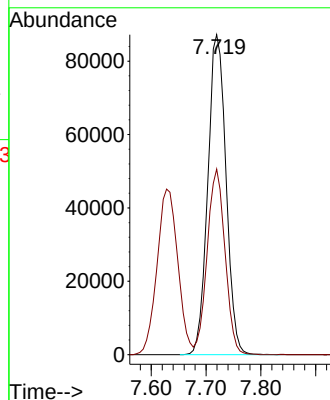
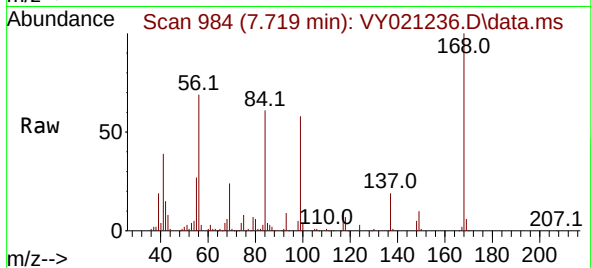




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021236.D
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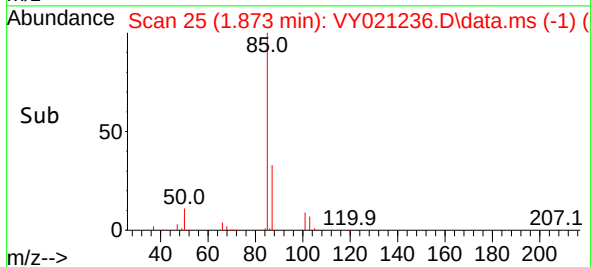
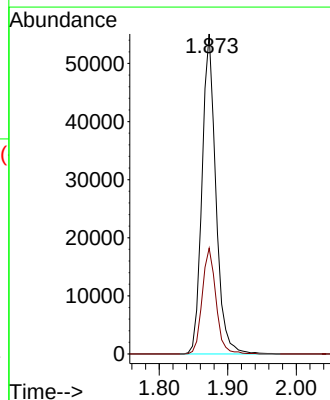
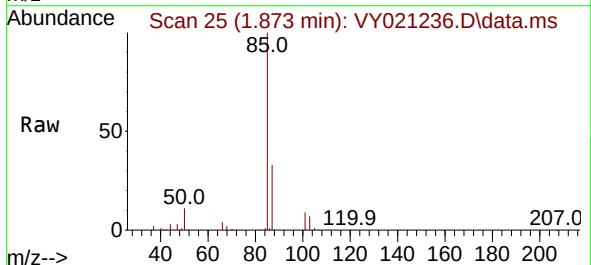
Instrument :
MSVOA_Y
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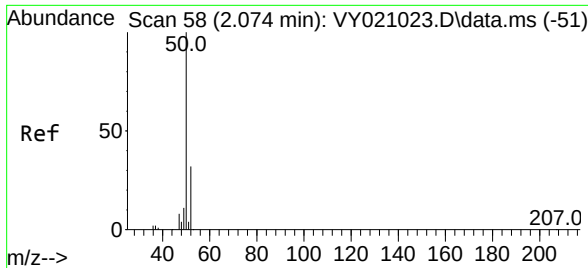
Tgt Ion:168 Resp: 200462
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 43.405 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 85 Resp: 77551
Ion Ratio Lower Upper
85 100
87 33.1 17.1 51.3

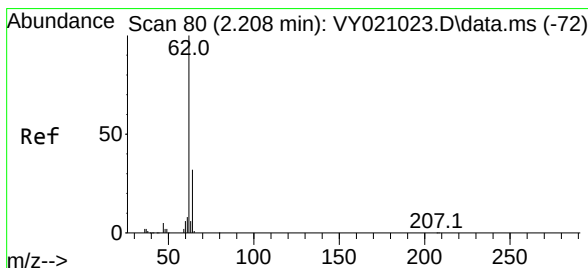
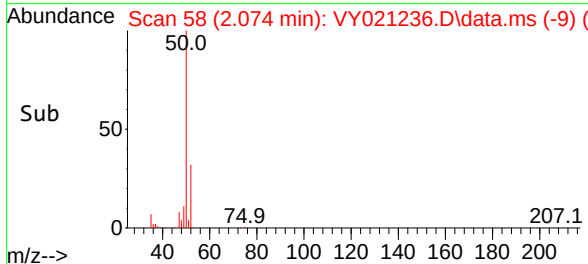
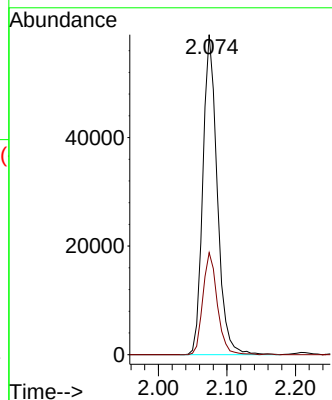
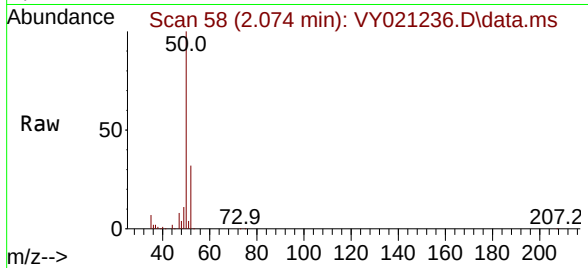




#3
Chloromethane
Concen: 49.049 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

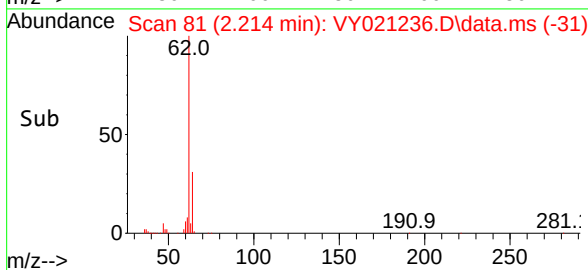
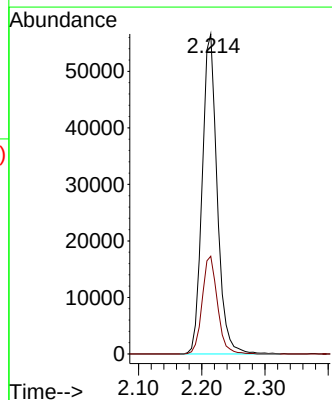
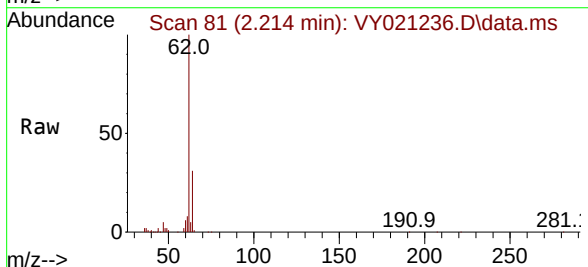
Instrument :
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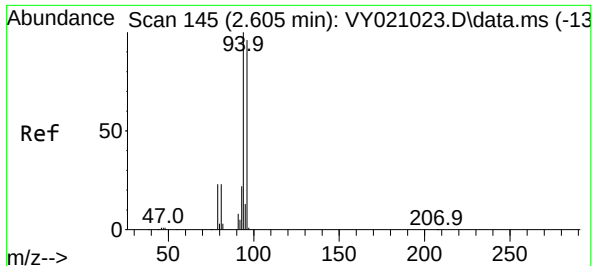
Tgt Ion: 50 Resp: 86476
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1



#4
Vinyl Chloride
Concen: 52.685 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 62 Resp: 93493
Ion Ratio Lower Upper
62 100
64 30.6 25.7 38.5

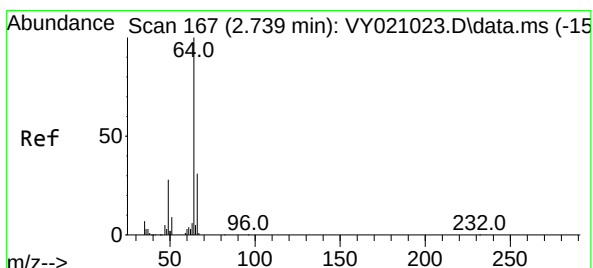
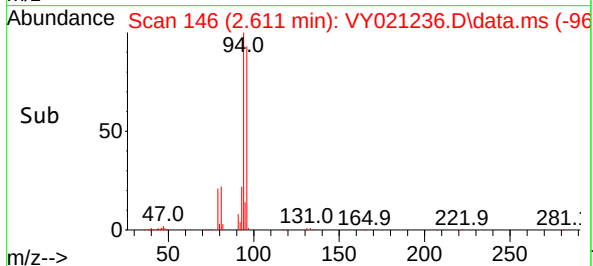
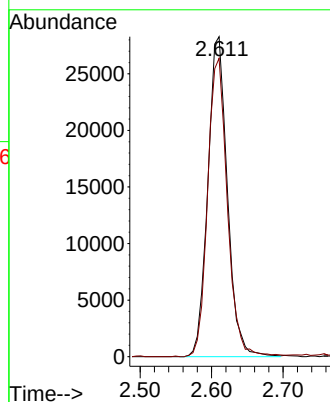
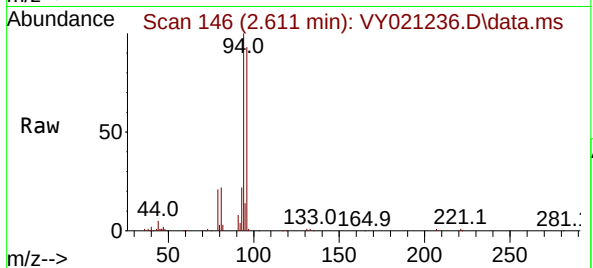




#5
Bromomethane
Concen: 48.974 ug/l
RT: 2.611 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

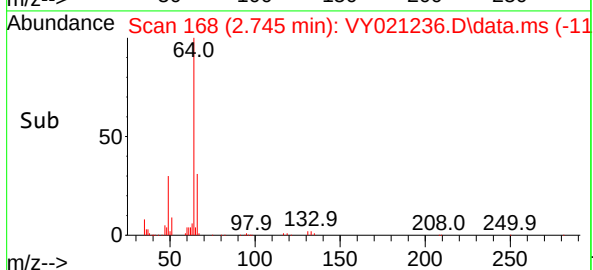
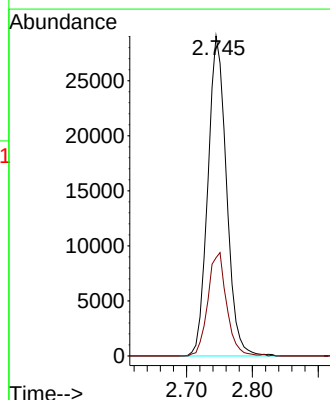
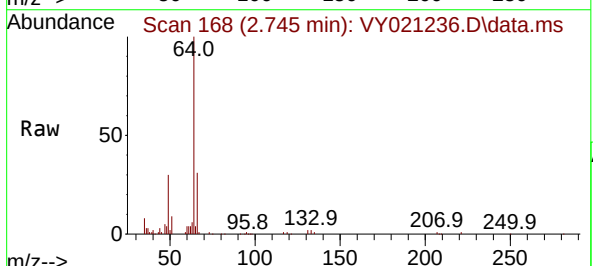
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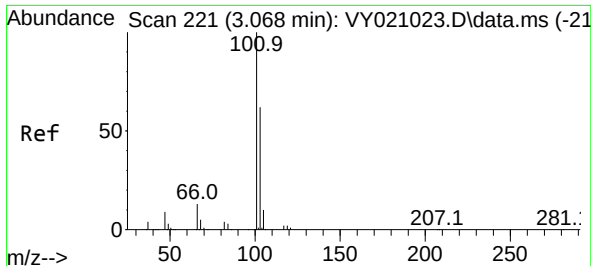
Tgt Ion: 94 Resp: 53715
Ion Ratio Lower Upper
94 100
96 93.2 77.3 115.9



#6
Chloroethane
Concen: 54.253 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 64 Resp: 57311
Ion Ratio Lower Upper
64 100
66 30.7 25.1 37.7

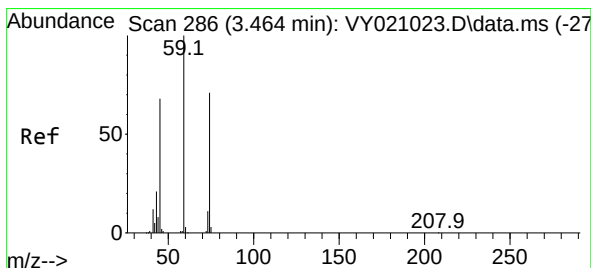
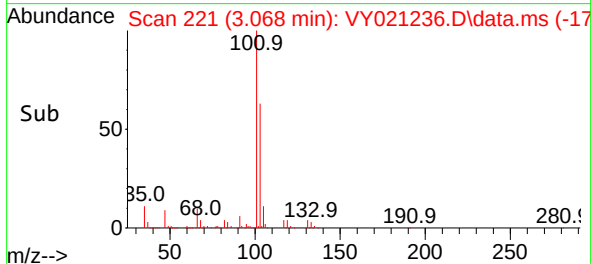
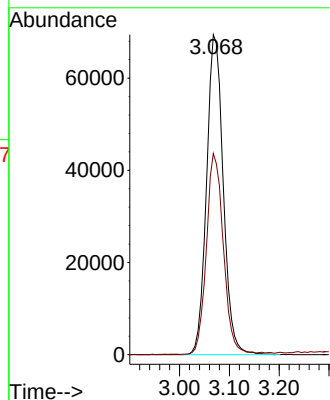
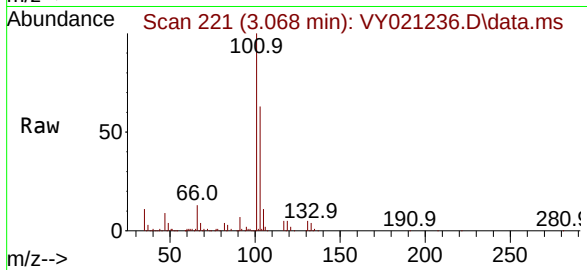




#7
Trichlorofluoromethane
Concen: 49.946 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

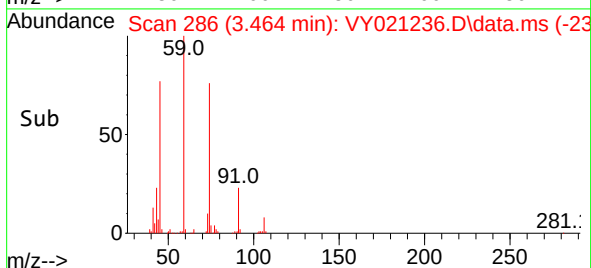
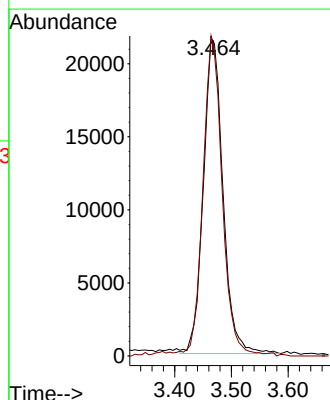
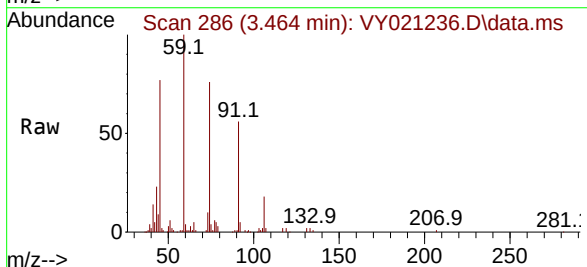
Instrument :
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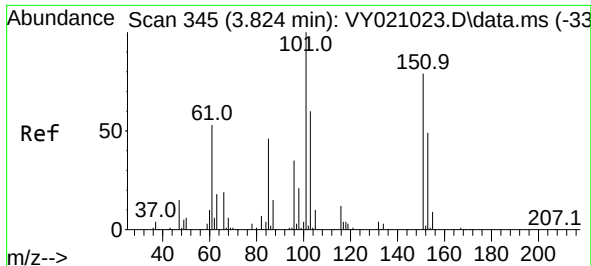
Tgt Ion:101 Resp: 161473
Ion Ratio Lower Upper
101 100
103 62.8 51.9 77.9



#8
Diethyl Ether
Concen: 51.545 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 74 Resp: 52022
Ion Ratio Lower Upper
74 100
45 96.8 47.9 143.7

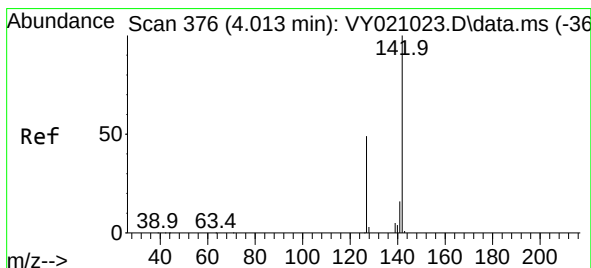
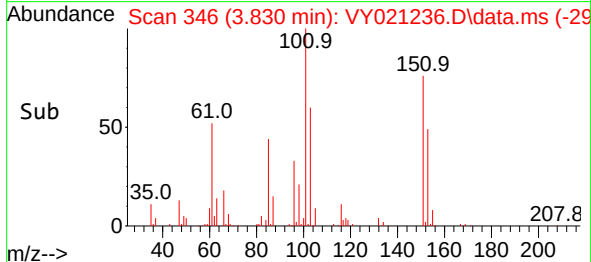
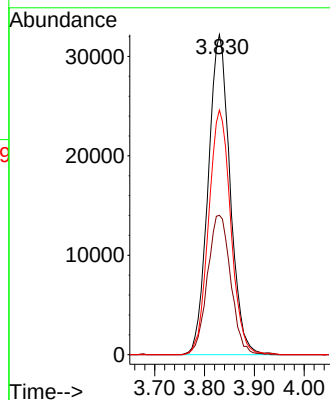
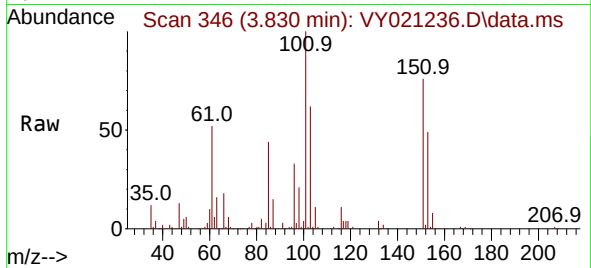




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.319 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

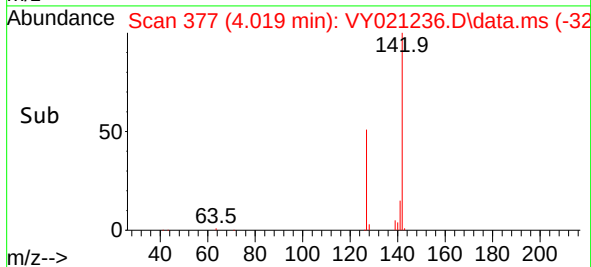
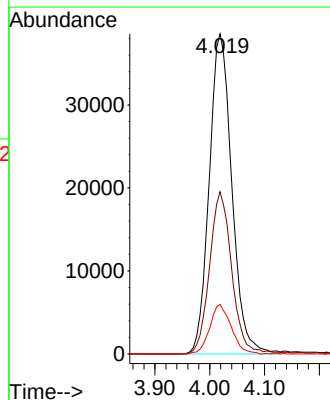
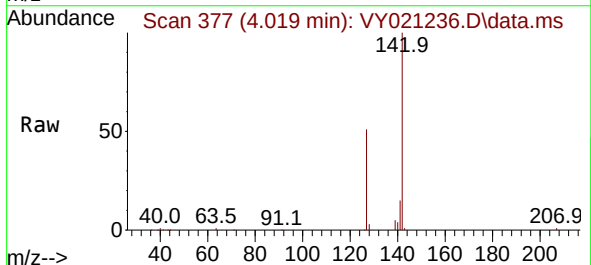
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

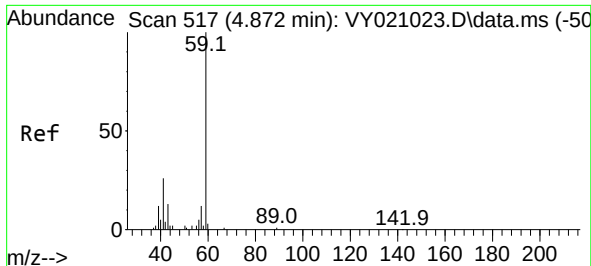
Tgt Ion:101 Resp: 98042
Ion Ratio Lower Upper
101 100
85 46.4 35.8 53.6
151 77.5 58.6 88.0



#10
Methyl Iodide
Concen: 49.042 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion:142 Resp: 110553
Ion Ratio Lower Upper
142 100
127 49.6 35.1 52.7
141 14.7 11.8 17.6

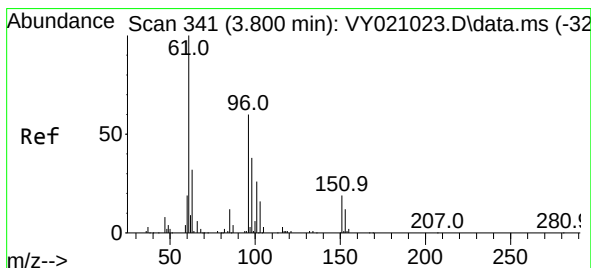
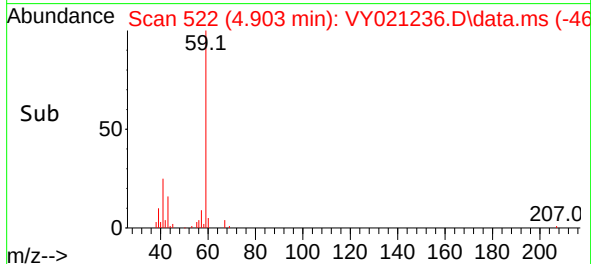
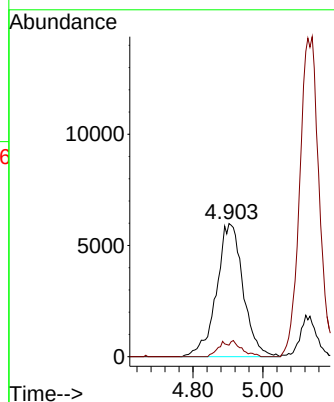
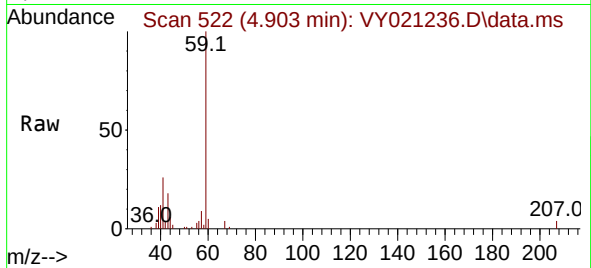




#11
Tert butyl alcohol
Concen: 226.709 ug/l
RT: 4.903 min Scan# 517
Delta R.T. 0.030 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

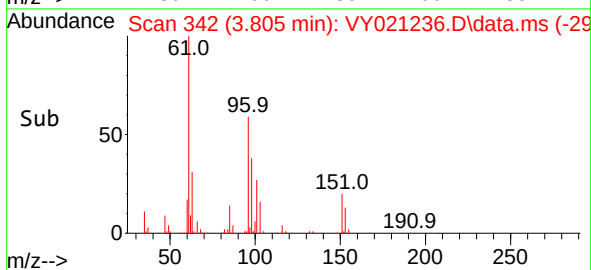
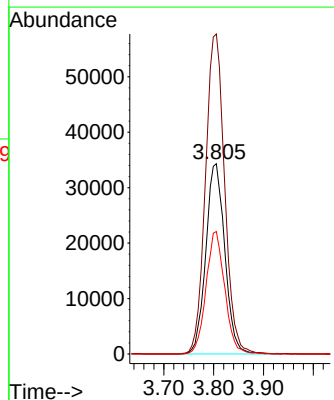
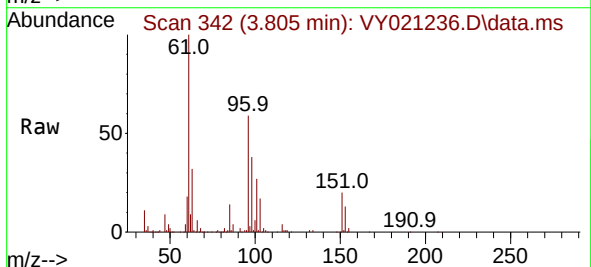
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

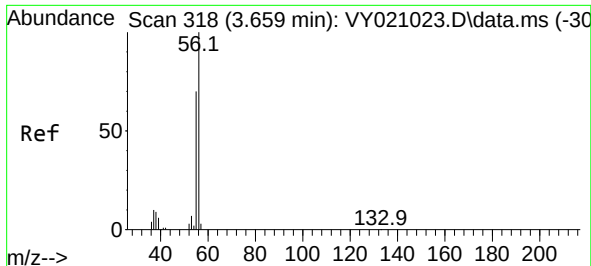
Tgt Ion: 59 Resp: 31554
Ion Ratio Lower Upper
59 100
57 5.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 47.682 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 96 Resp: 91137
Ion Ratio Lower Upper
96 100
61 168.2 124.2 186.2
98 64.4 52.6 79.0

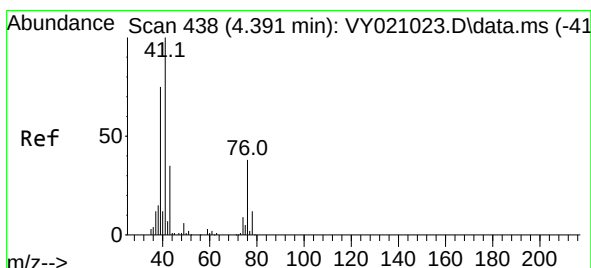
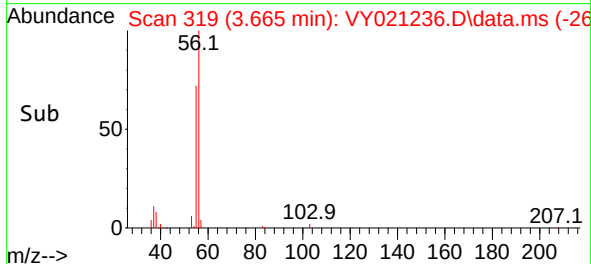
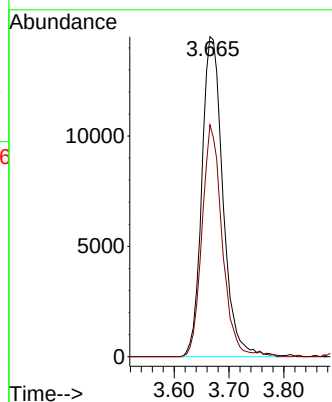
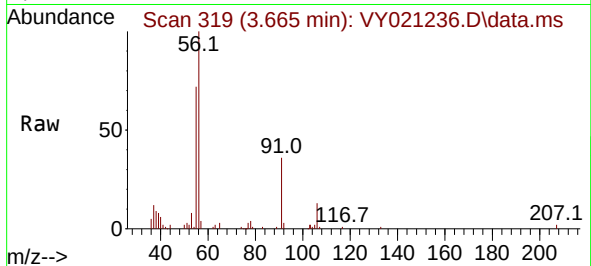




#13
Acrolein
Concen: 180.571 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

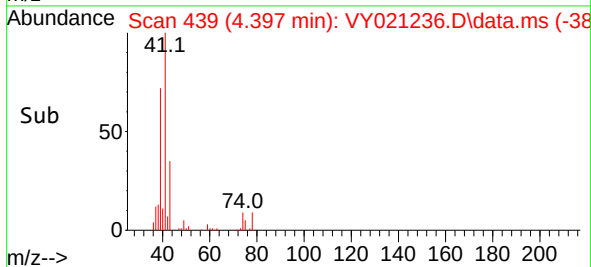
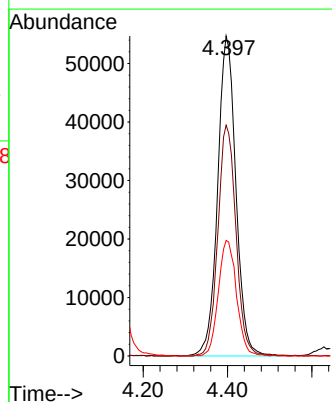
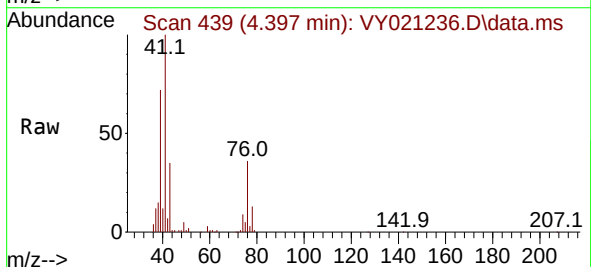
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

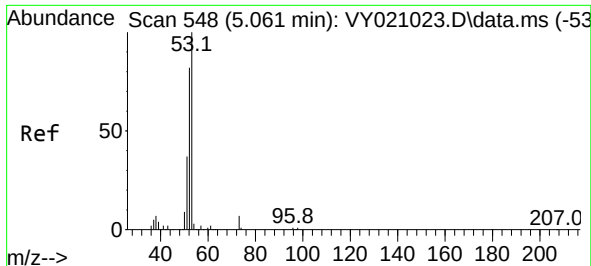
Tgt Ion: 56 Resp: 38701
Ion Ratio Lower Upper
56 100
55 68.7 55.4 83.0



#14
Allyl chloride
Concen: 50.917 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 41 Resp: 164021
Ion Ratio Lower Upper
41 100
39 71.5 54.7 82.1
76 35.9 31.8 47.6

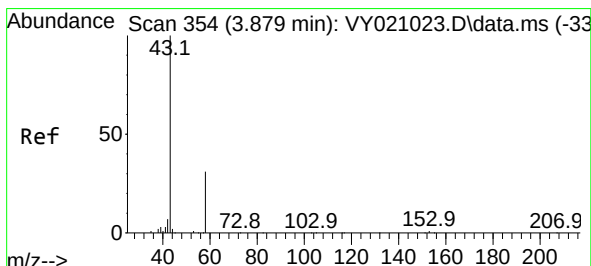
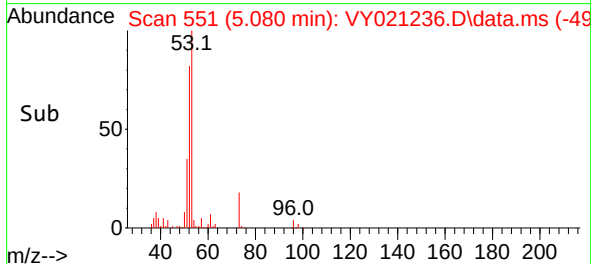
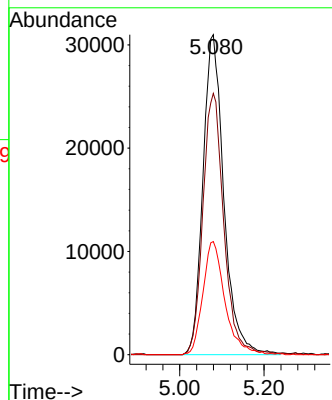
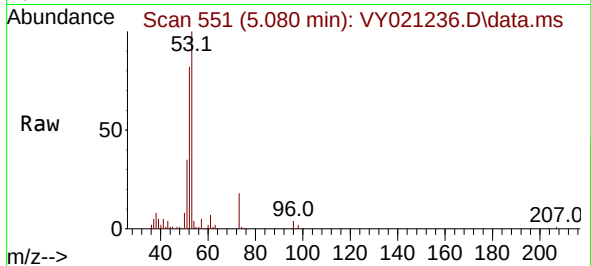




#15
Acrylonitrile
Concen: 254.538 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

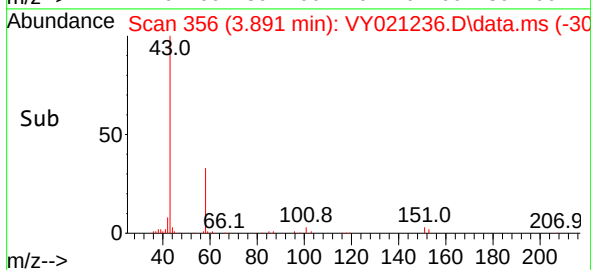
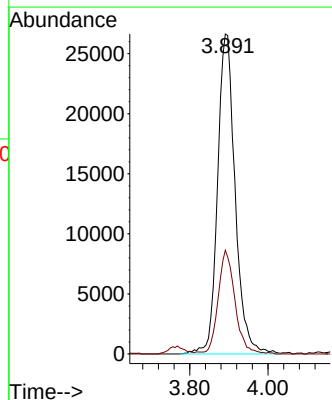
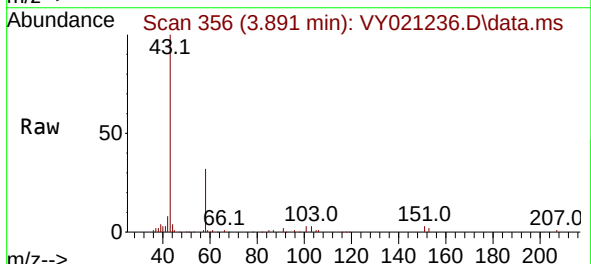
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

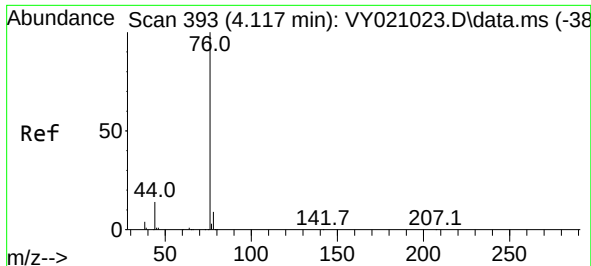
Tgt Ion: 53 Resp: 106975
Ion Ratio Lower Upper
53 100
52 81.2 65.1 97.7
51 37.3 29.0 43.4



#16
Acetone
Concen: 259.354 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 43 Resp: 83071
Ion Ratio Lower Upper
43 100
58 32.4 26.6 39.8

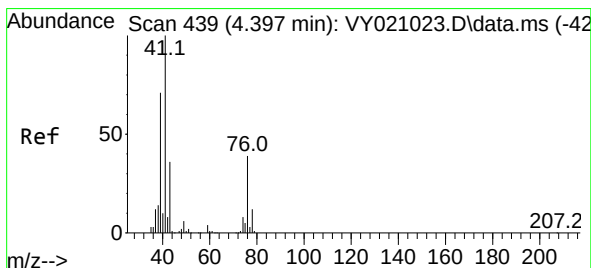
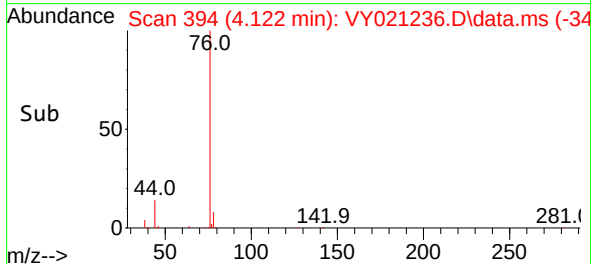
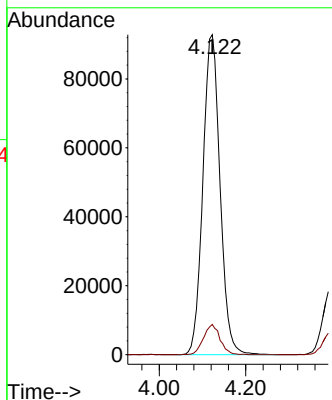
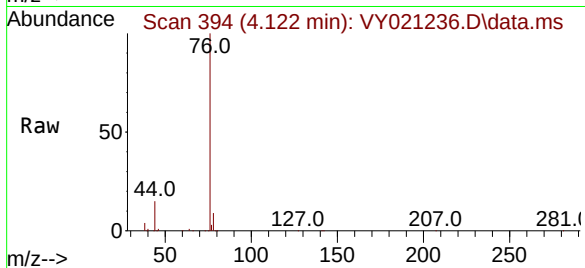




#17
Carbon Disulfide
Concen: 42.570 ug/l
RT: 4.122 min Scan# 393
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

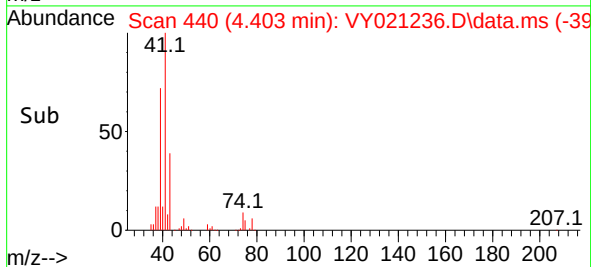
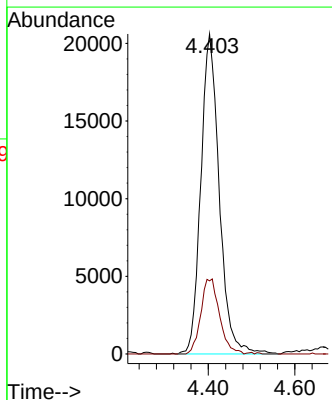
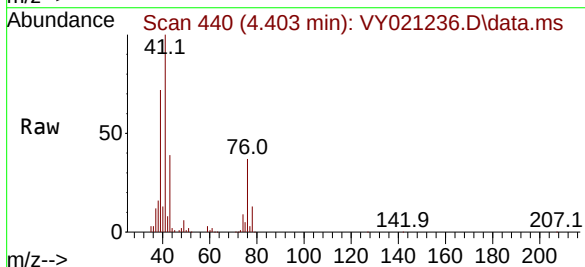
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

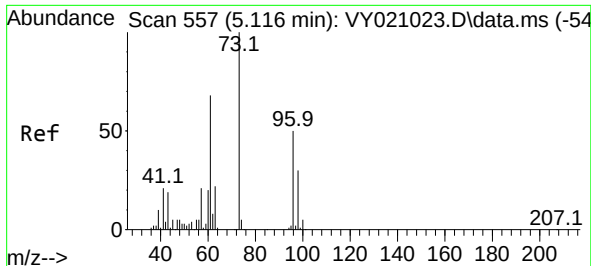
Tgt Ion: 76 Resp: 255144
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 54.139 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 43 Resp: 60873
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 51.750 ug/l

RT: 5.134 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

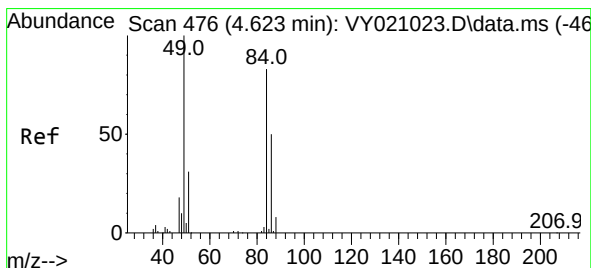
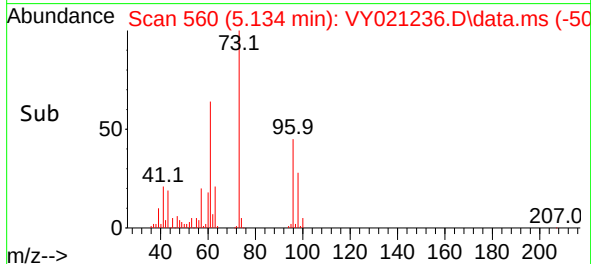
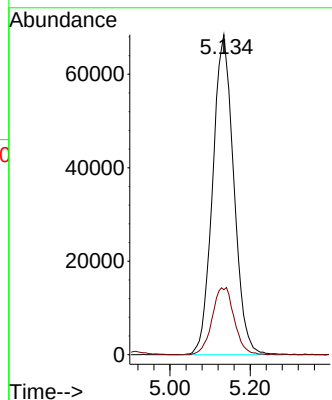
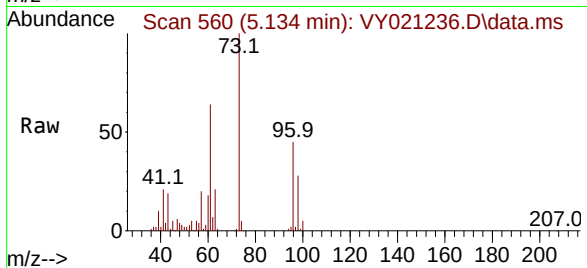
VSTDCCC050

Tgt Ion: 73 Resp: 250004

Ion Ratio Lower Upper

73 100

57 20.3 17.7 26.5



#20

Methylene Chloride

Concen: 49.688 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Tgt Ion: 84 Resp: 98938

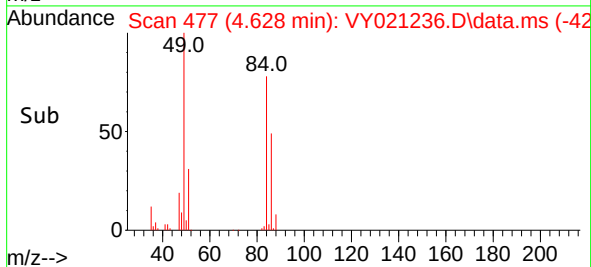
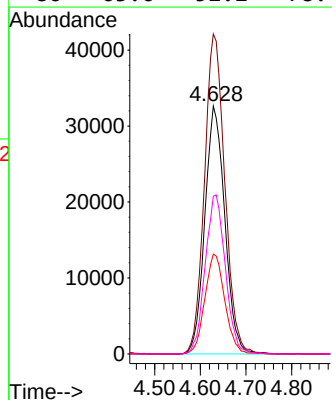
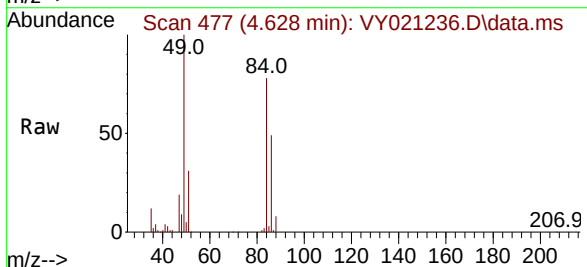
Ion Ratio Lower Upper

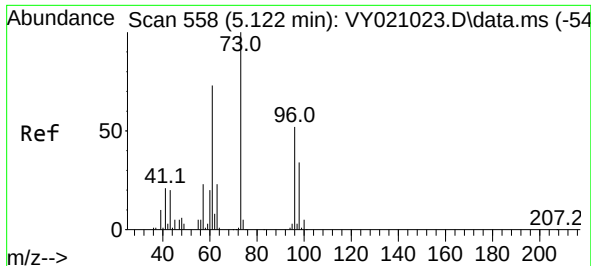
84 100

49 129.0 95.2 142.8

51 40.3 29.9 44.9

86 63.6 52.2 78.4

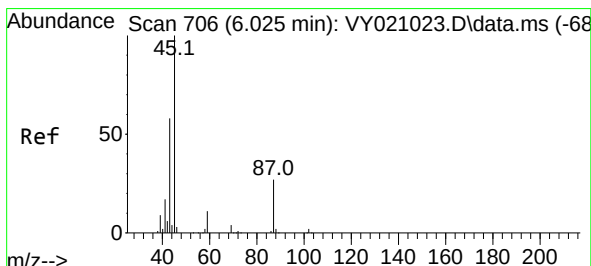
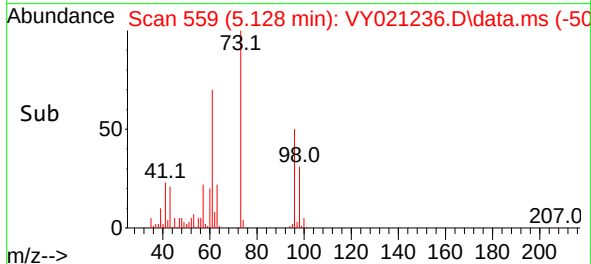
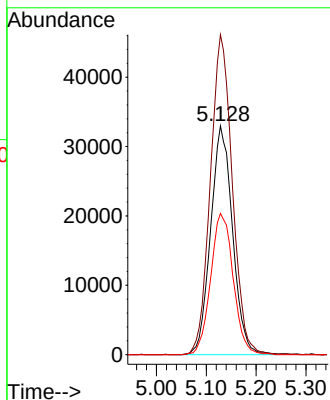
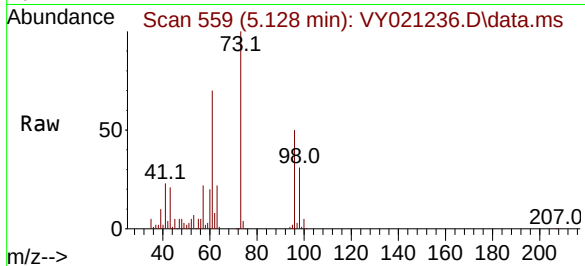




#21
trans-1,2-Dichloroethene
Concen: 47.939 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

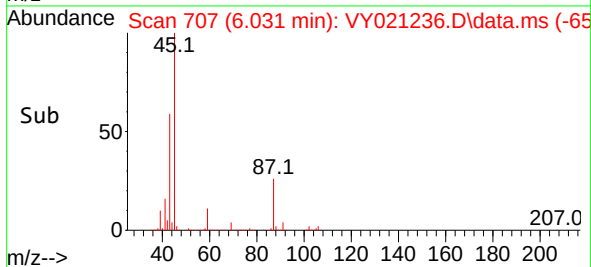
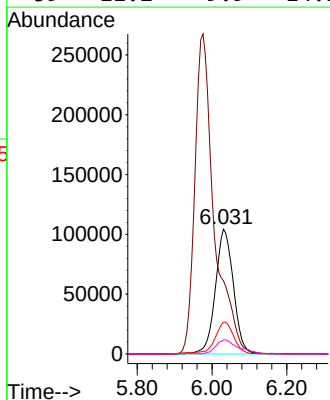
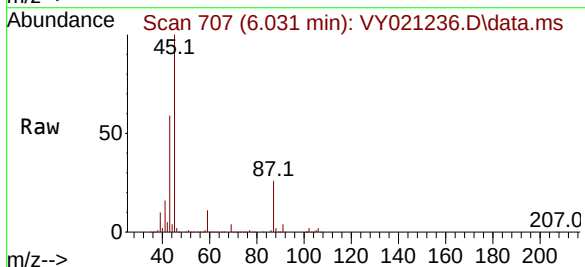
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

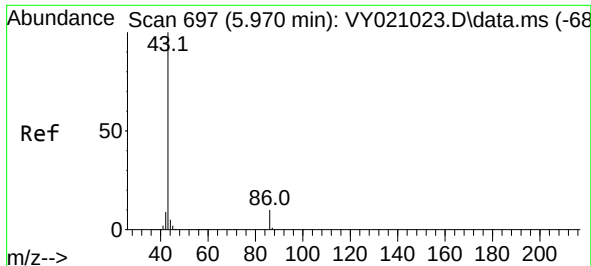
Tgt Ion: 96 Resp: 100860
Ion Ratio Lower Upper
96 100
61 139.9 104.6 156.8
98 61.7 50.9 76.3



#22
Diisopropyl ether
Concen: 52.568 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 45 Resp: 349042
Ion Ratio Lower Upper
45 100
43 58.3 46.8 70.2
87 25.5 22.2 33.2
59 11.2 9.9 14.9

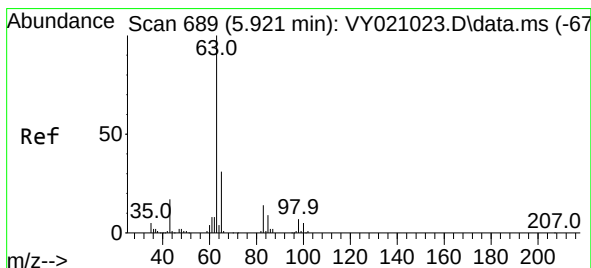
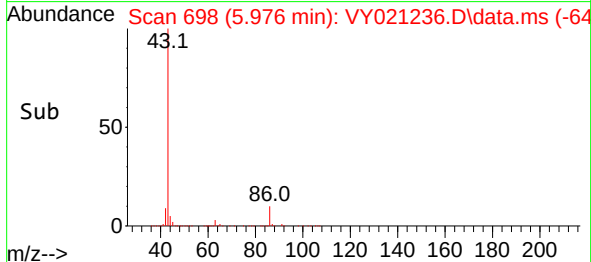
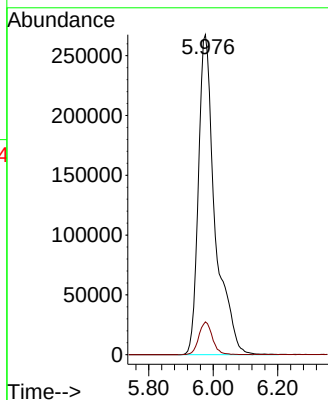
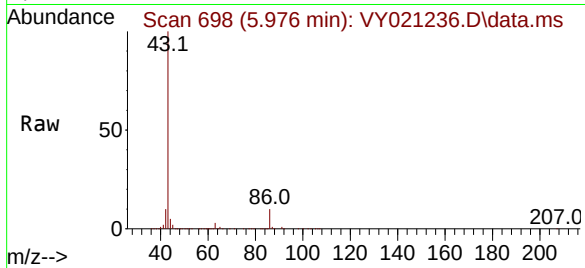




#23
 Vinyl Acetate
 Concen: 259.121 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY021236.D
 Acq: 19 Feb 2025 14:55

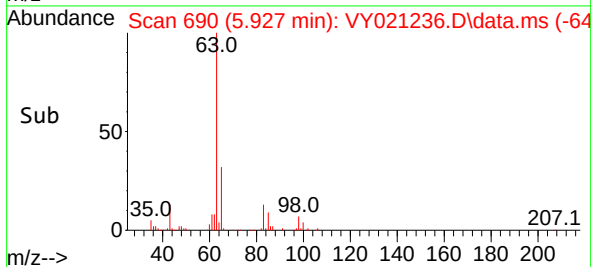
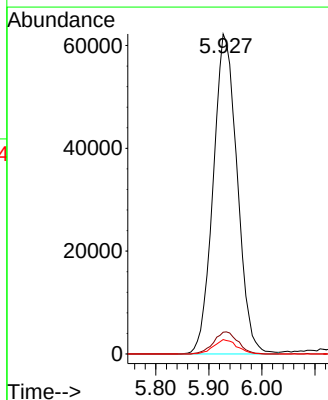
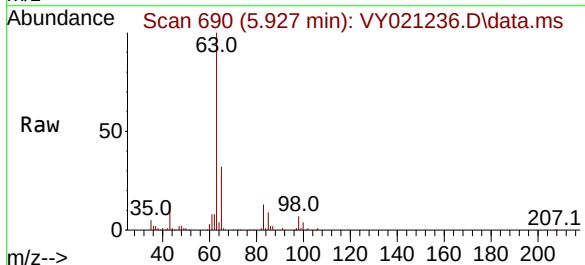
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

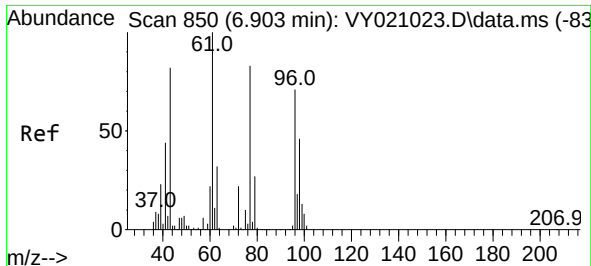
Tgt Ion: 43 Resp: 959119
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.349 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021236.D
 Acq: 19 Feb 2025 14:55

Tgt Ion: 63 Resp: 195868
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 257.014 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

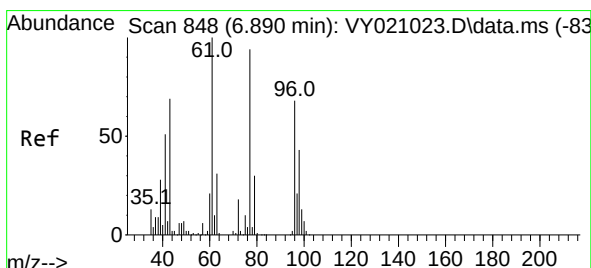
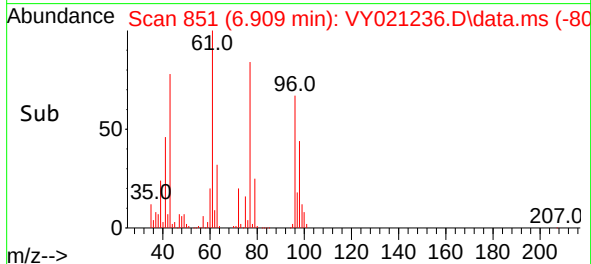
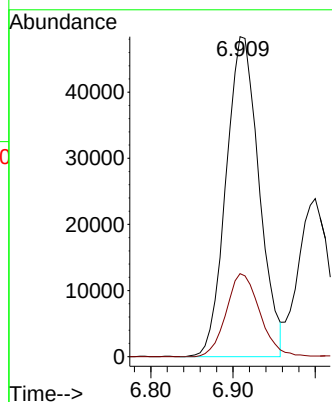
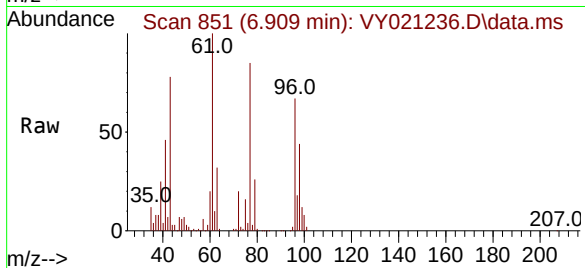
VSTDCCC050

Tgt Ion: 43 Resp: 135277

Ion Ratio Lower Upper

43 100

72 25.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 49.635 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY021236.D

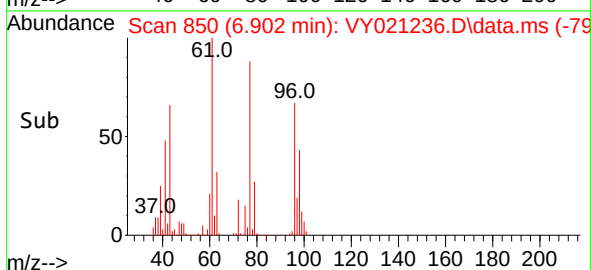
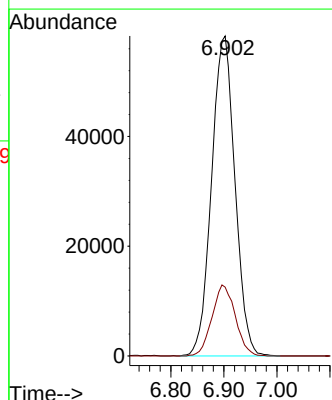
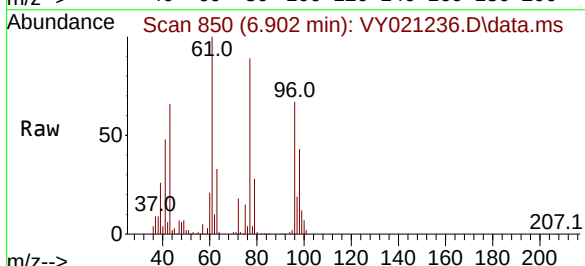
Acq: 19 Feb 2025 14:55

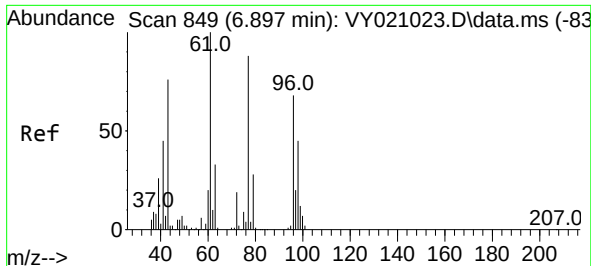
Tgt Ion: 77 Resp: 178662

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.0

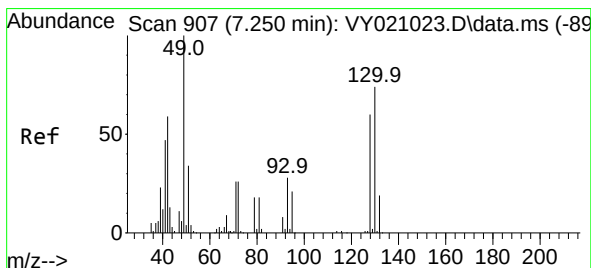
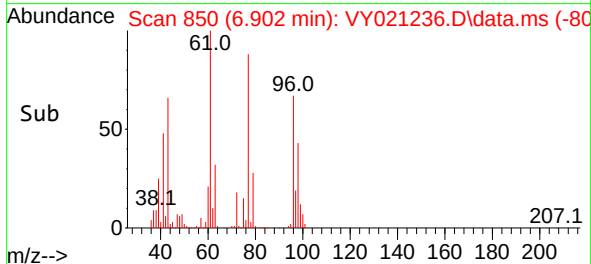
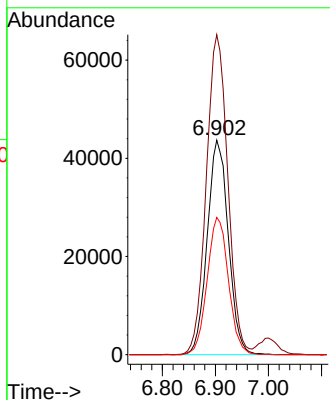
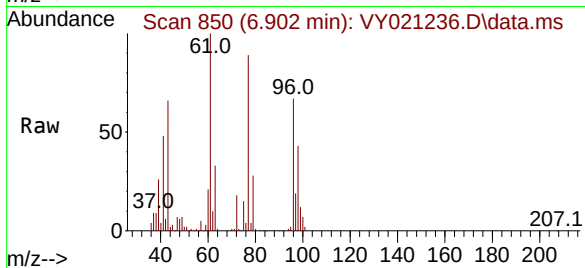




#27
 cis-1,2-Dichloroethene
 Concen: 49.906 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021236.D
 Acq: 19 Feb 2025 14:55

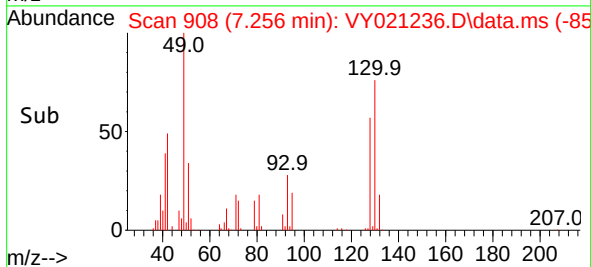
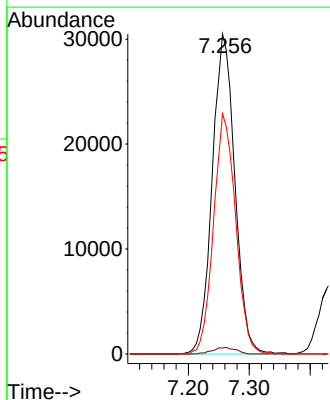
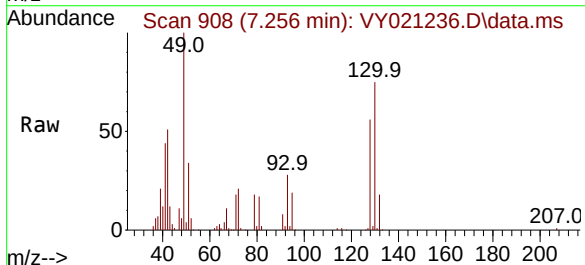
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

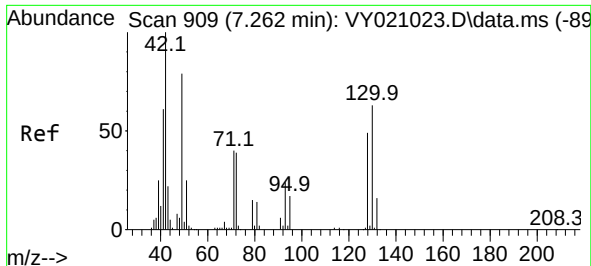
Tgt Ion: 96 Resp: 120858
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 278.8
 98 64.5 0.0 127.0



#28
 Bromochloromethane
 Concen: 51.015 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021236.D
 Acq: 19 Feb 2025 14:55

Tgt Ion: 49 Resp: 78475
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 73.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 253.611 ug/l

RT: 7.280 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

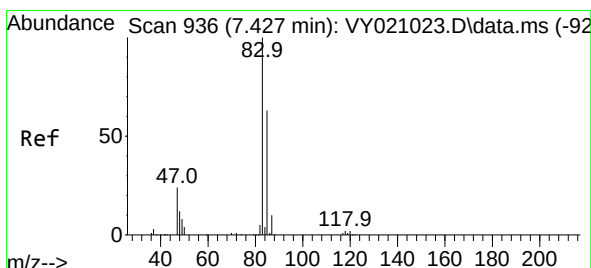
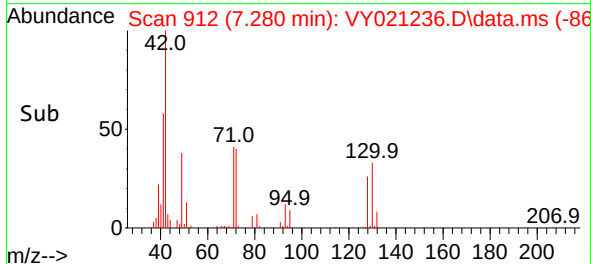
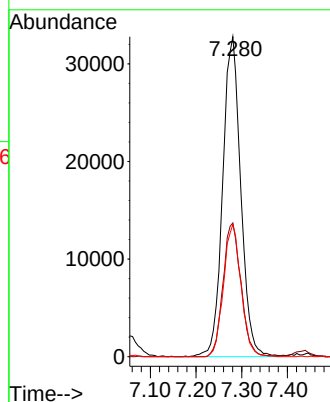
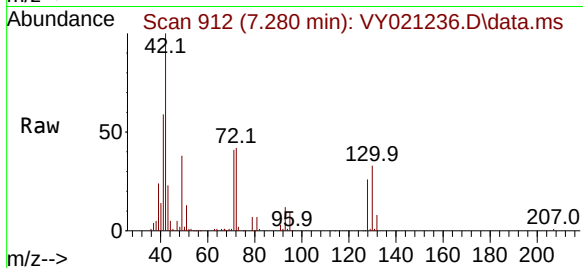
Tgt Ion: 42 Resp: 90325

Ion Ratio Lower Upper

42 100

72 41.4 36.6 54.8

71 40.0 33.8 50.6



#30

Chloroform

Concen: 50.208 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021236.D

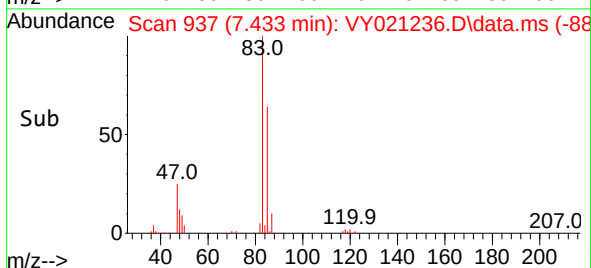
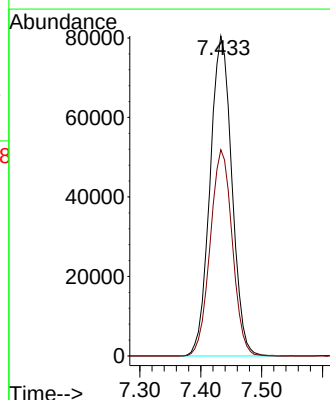
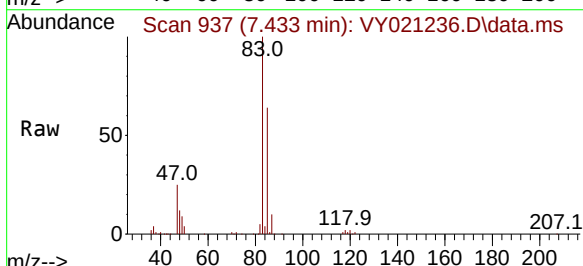
Acq: 19 Feb 2025 14:55

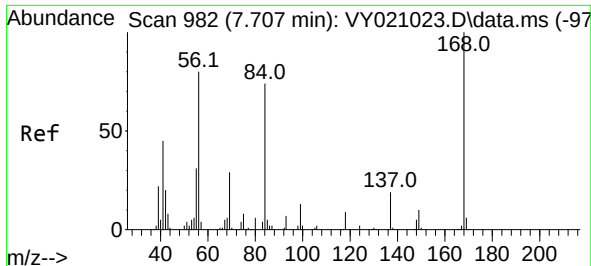
Tgt Ion: 83 Resp: 200620

Ion Ratio Lower Upper

83 100

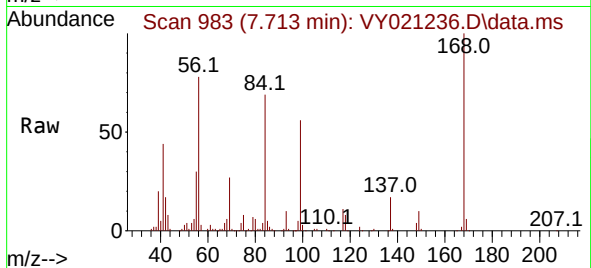
85 64.5 51.2 76.8



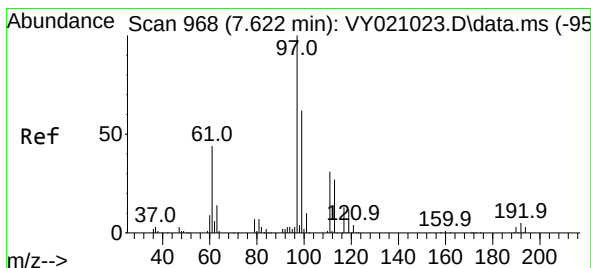
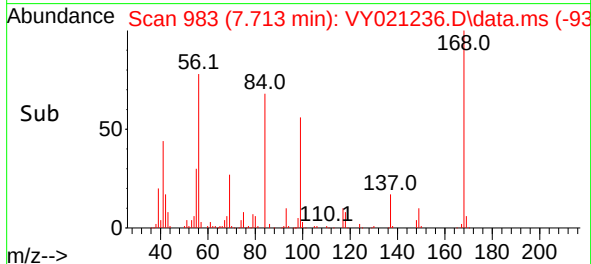
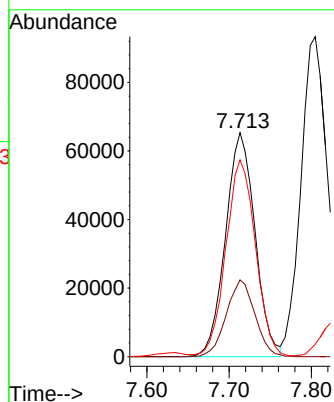


#31
Cyclohexane
Concen: 46.529 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

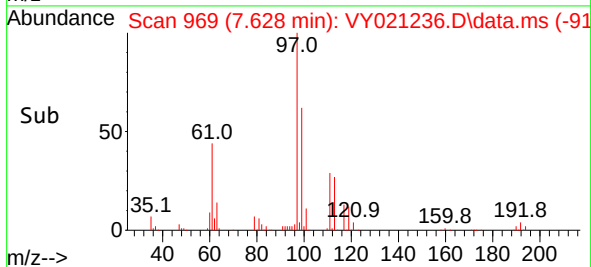
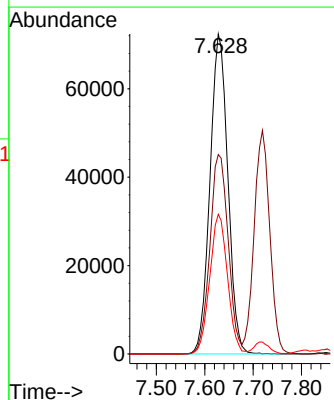
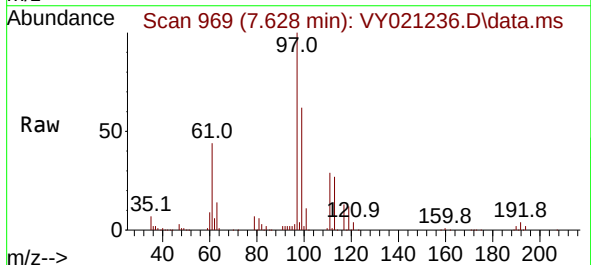


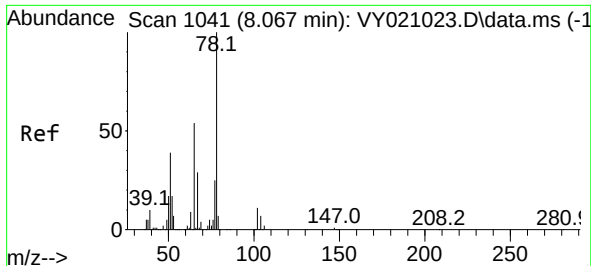
Tgt Ion: 56 Resp: 162999
Ion Ratio Lower Upper
56 100
69 34.3 27.0 40.6
84 86.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.948 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 97 Resp: 185557
Ion Ratio Lower Upper
97 100
99 64.1 51.2 76.8
61 43.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 45.832 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

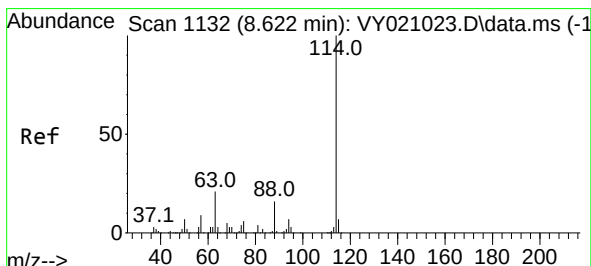
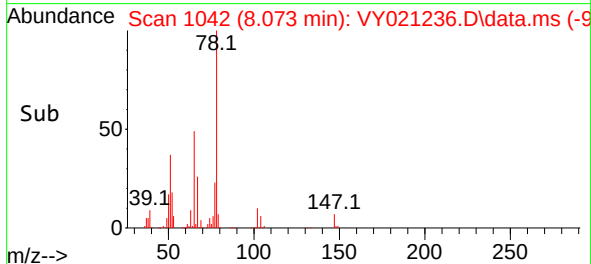
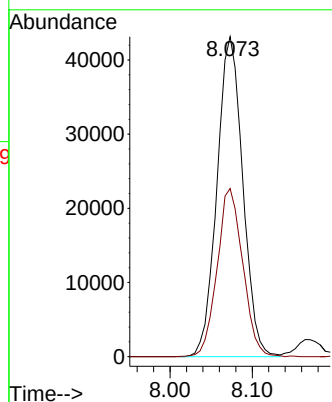
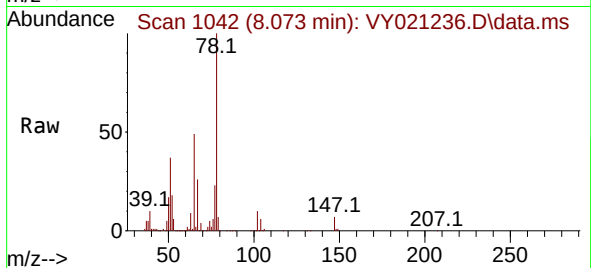
VSTDCCC050

Tgt Ion: 65 Resp: 94135

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

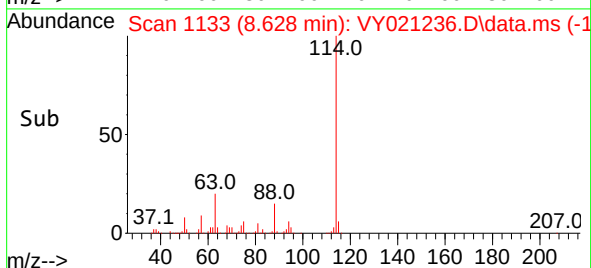
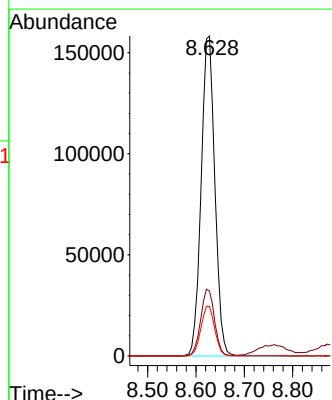
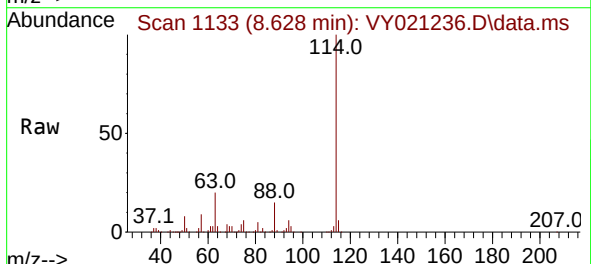
Tgt Ion: 114 Resp: 311138

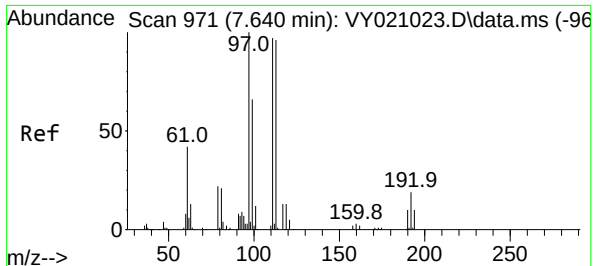
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.5 0.0 29.0

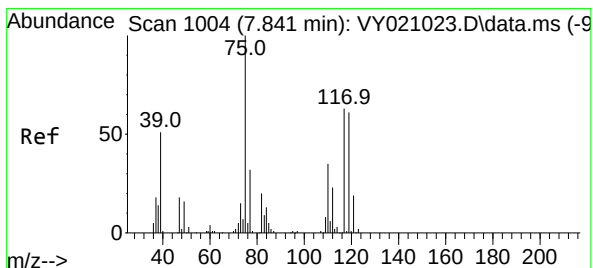
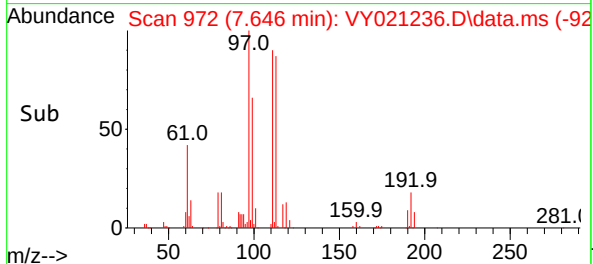
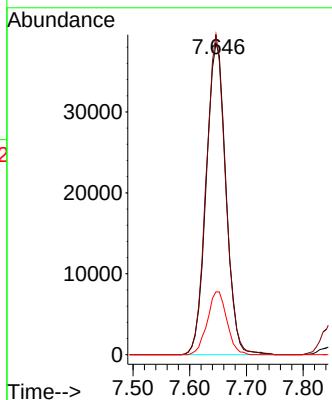
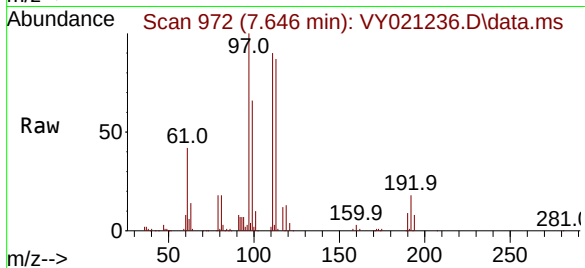




#35
Dibromofluoromethane
Concen: 46.730 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

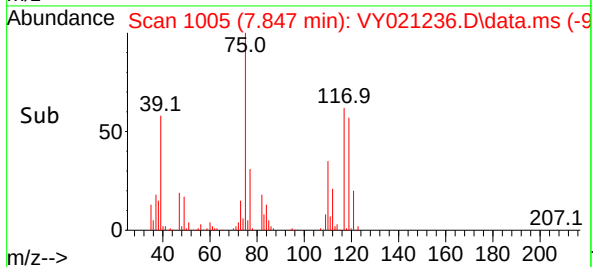
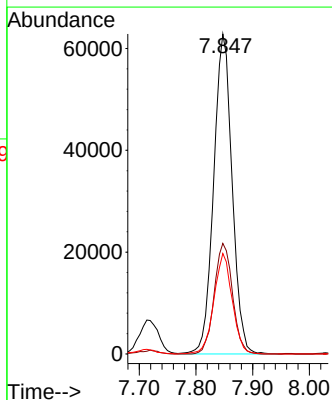
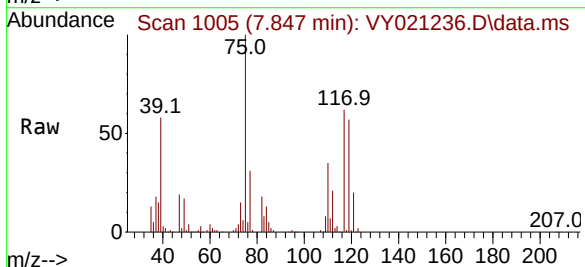
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

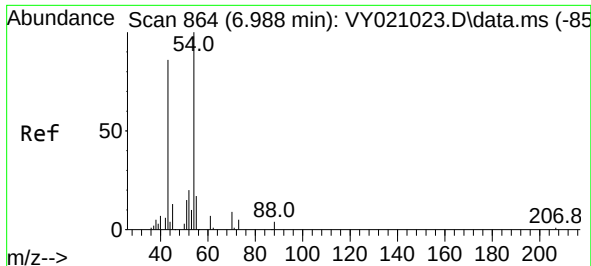
Tgt Ion:113 Resp: 93179
Ion Ratio Lower Upper
113 100
111 100.7 83.8 125.6
192 20.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 48.164 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 75 Resp: 142250
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.3
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 51.024 ug/l

RT: 7.000 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY021236.D

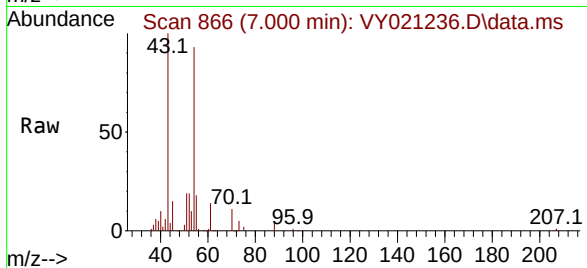
Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



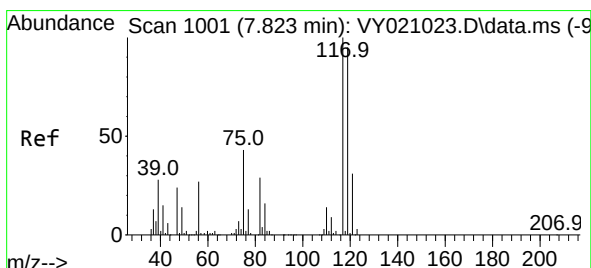
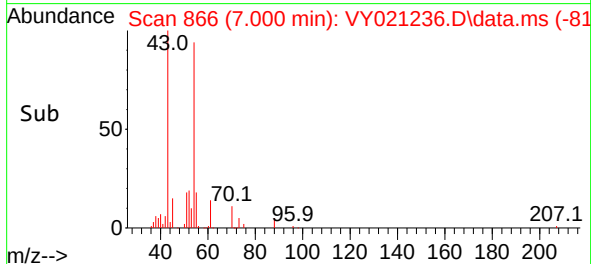
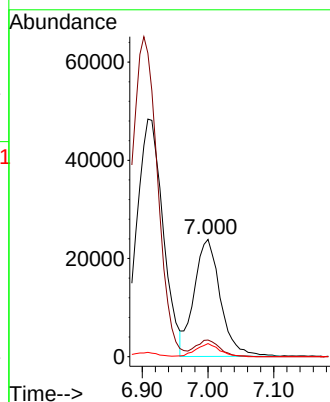
Tgt Ion: 43 Resp: 66109

Ion	Ratio	Lower	Upper
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43	100		
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61	13.0	11.0	16.6
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70	10.1	8.1	12.1
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#38

Carbon Tetrachloride

Concen: 48.505 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

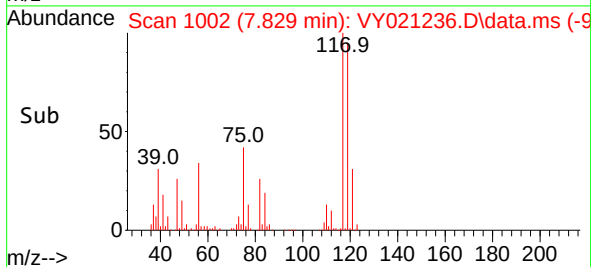
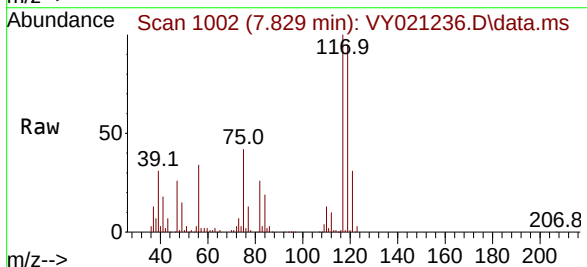
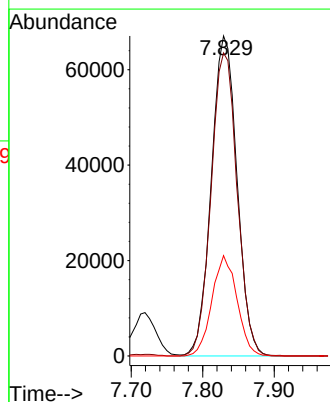
Tgt Ion: 117 Resp: 167388

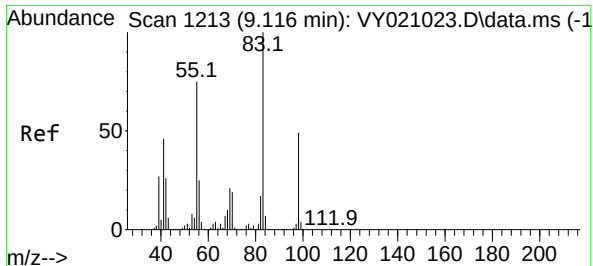
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

117	100		
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119	94.7	76.0	114.0
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121	31.3	24.2	36.2
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#39

Methylcyclohexane

Concen: 49.986 ug/l

RT: 9.122 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

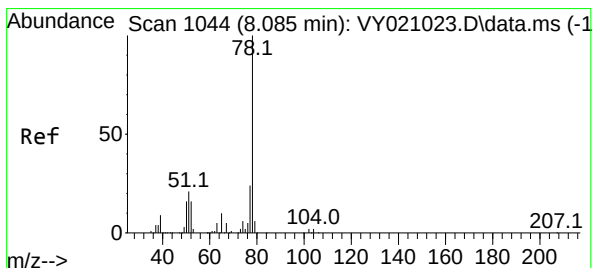
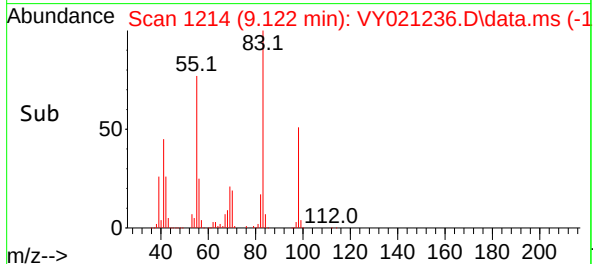
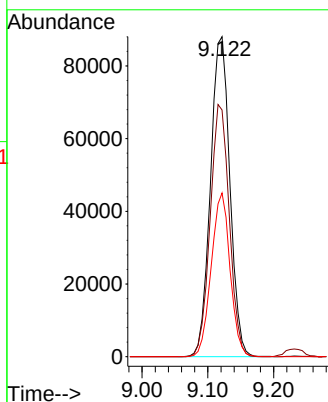
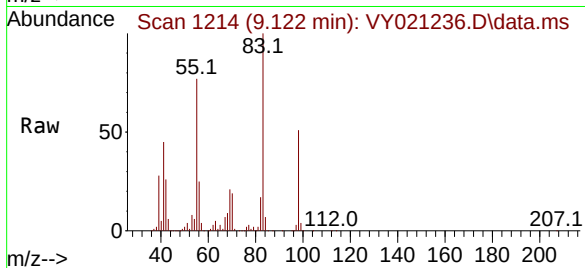
Tgt Ion: 83 Resp: 180580

Ion Ratio Lower Upper

83 100

55 77.1 59.7 89.5

98 51.2 38.0 57.0



#40

Benzene

Concen: 48.970 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021236.D

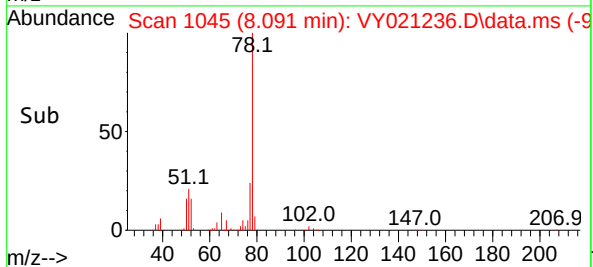
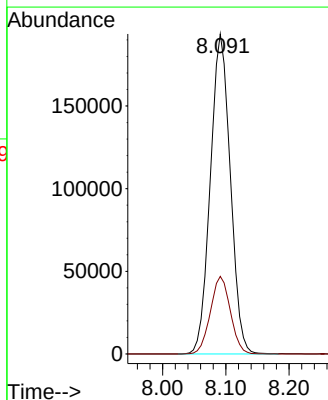
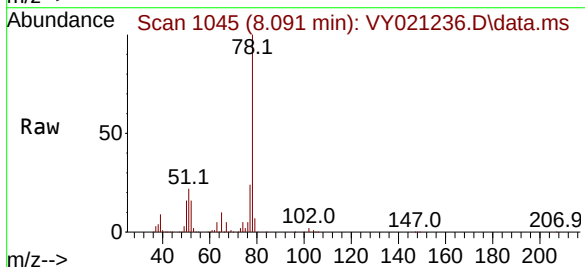
Acq: 19 Feb 2025 14:55

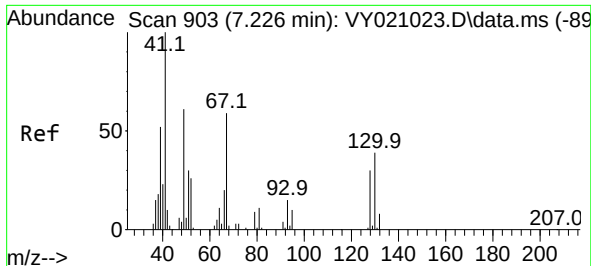
Tgt Ion: 78 Resp: 424435

Ion Ratio Lower Upper

78 100

77 24.3 18.8 28.2

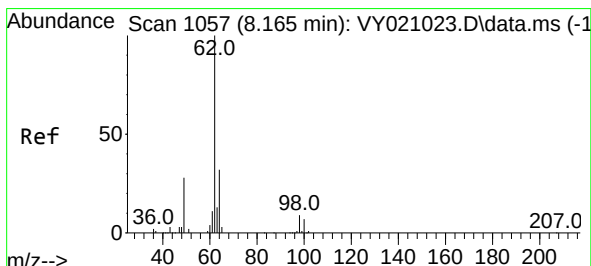
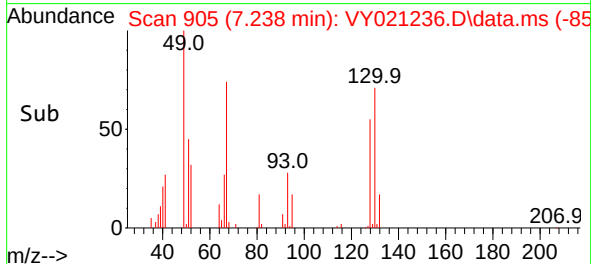
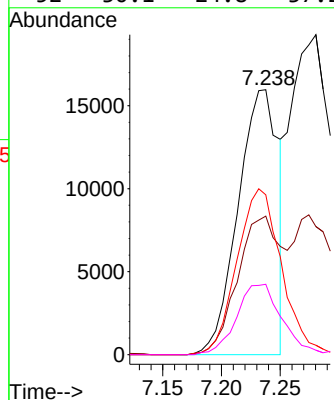
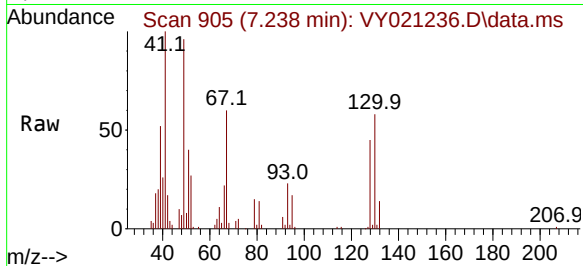




#41
Methacrylonitrile
Concen: 50.853 ug/l
RT: 7.238 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

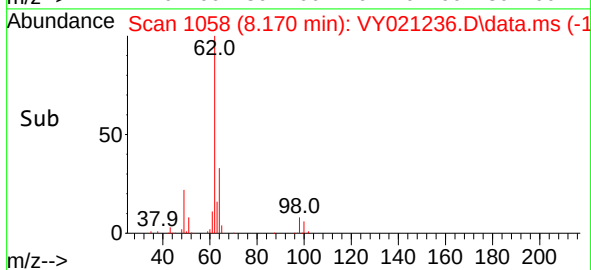
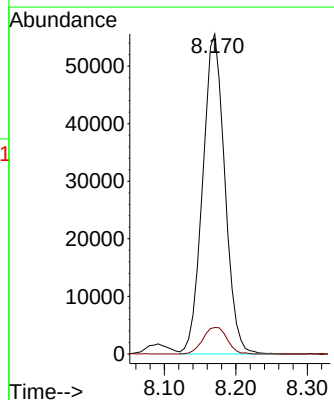
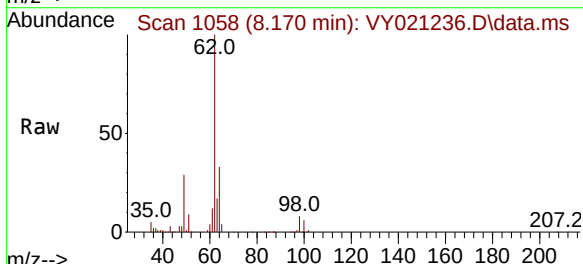
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

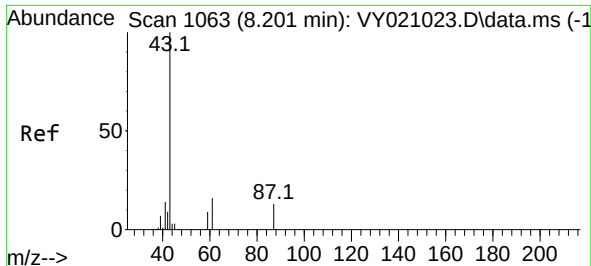
Tgt Ion:	41	Resp:	38118
Ion	Ratio	Lower	Upper
41	100		
39	58.8	41.9	62.9
67	69.7	59.8	89.6
52	30.1	24.8	37.2



#42
1,2-Dichloroethane
Concen: 49.711 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion:	62	Resp:	119521
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2





#43

Isopropyl Acetate

Concen: 52.494 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

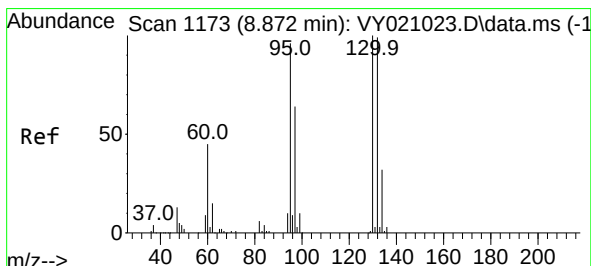
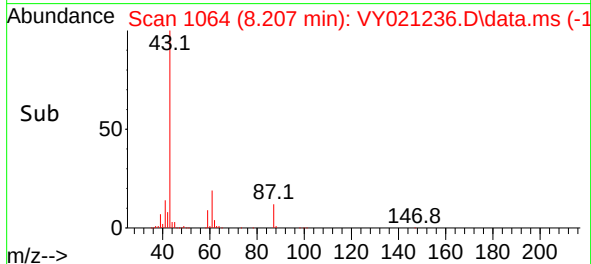
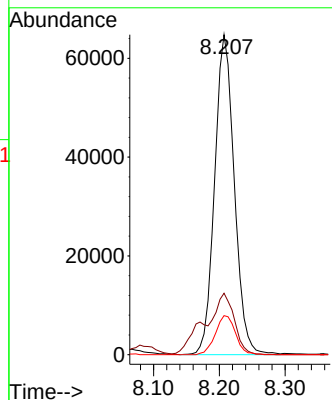
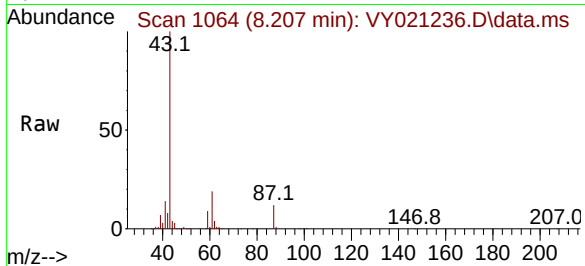
Tgt Ion: 43 Resp: 135143

Ion Ratio Lower Upper

43 100

61 19.2 24.8 37.2#

87 12.5 10.7 16.1



#44

Trichloroethene

Concen: 48.712 ug/l

RT: 8.878 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VY021236.D

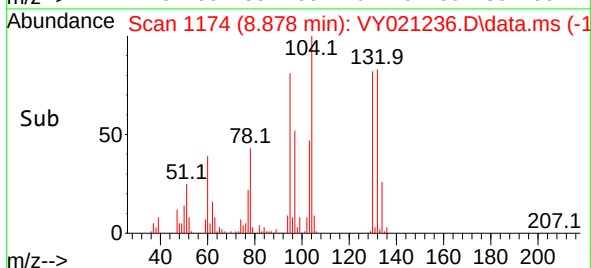
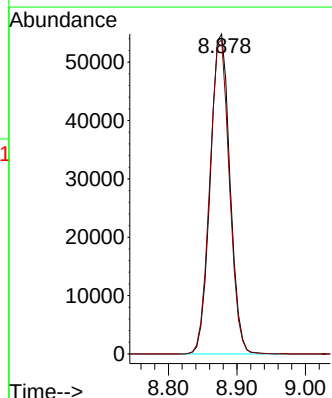
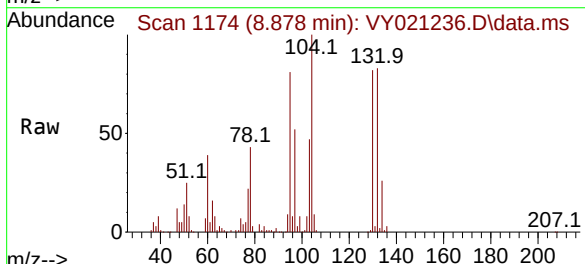
Acq: 19 Feb 2025 14:55

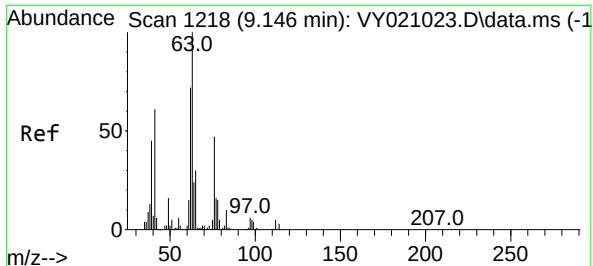
Tgt Ion:130 Resp: 109079

Ion Ratio Lower Upper

130 100

95 98.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 51.328 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

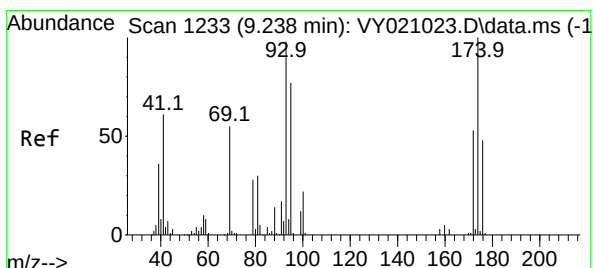
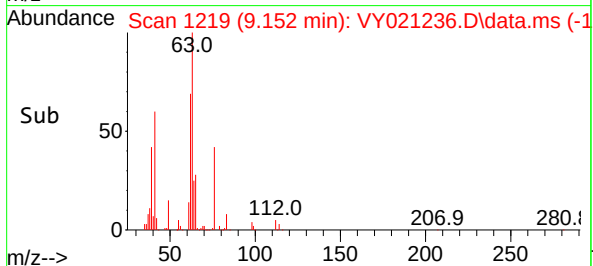
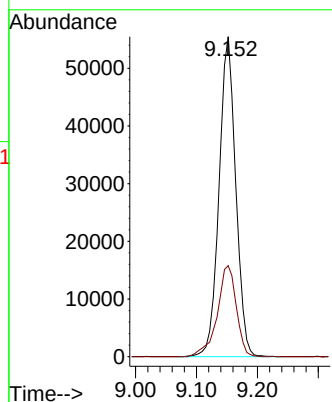
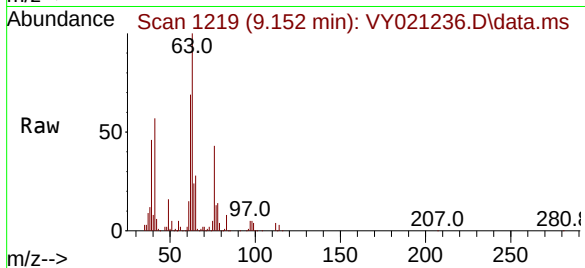
VSTDCCC050

Tgt Ion: 63 Resp: 105592

Ion Ratio Lower Upper

63 100

65 28.5 24.6 36.8



#46

Dibromomethane

Concen: 49.095 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

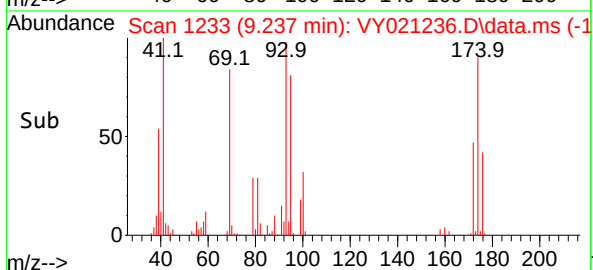
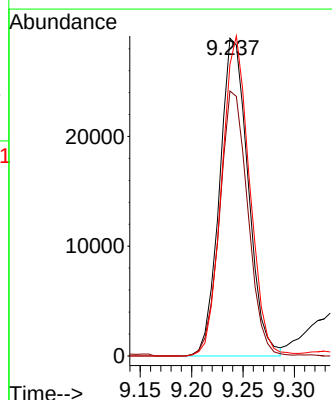
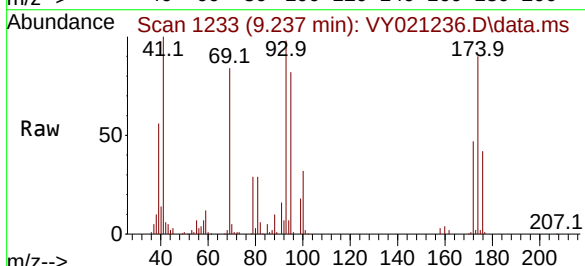
Tgt Ion: 93 Resp: 55920

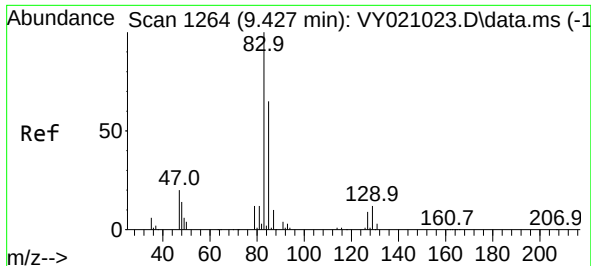
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 98.1 73.8 110.6

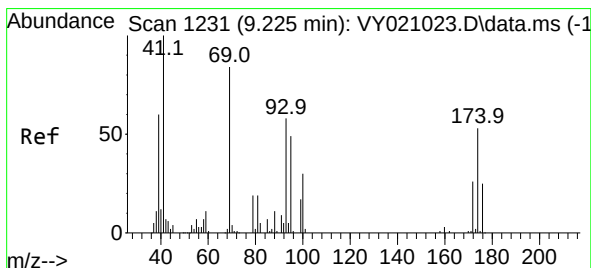
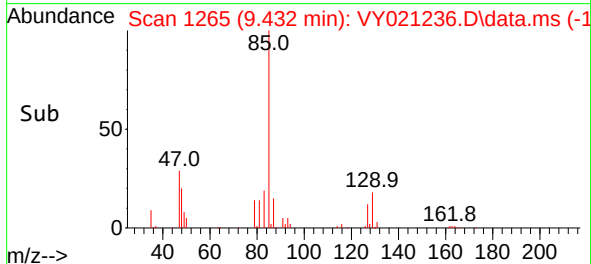
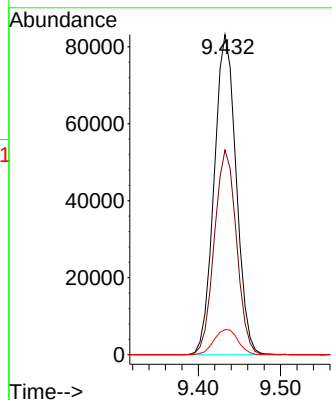
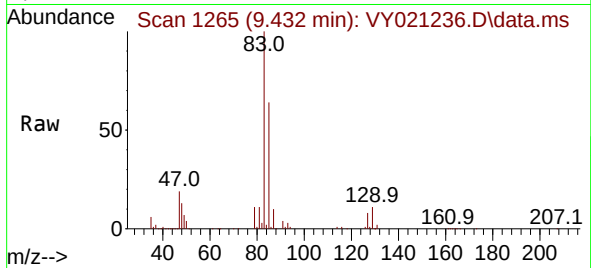




#47
Bromodichloromethane
Concen: 50.636 ug/l
RT: 9.432 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

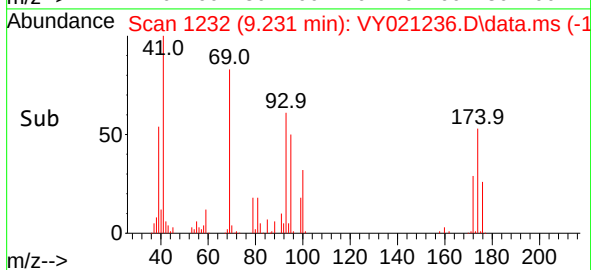
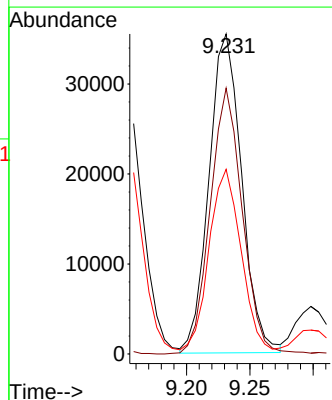
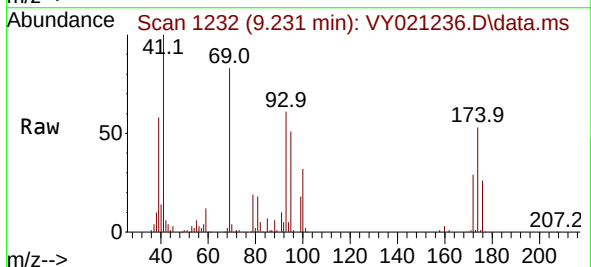
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

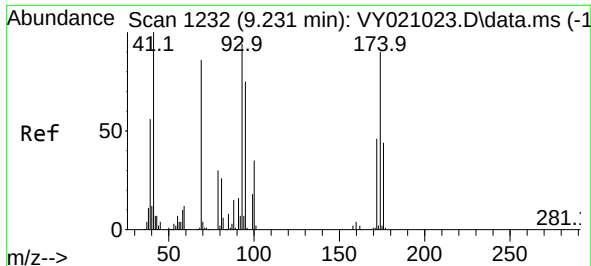
Tgt Ion: 83 Resp: 154682
Ion Ratio Lower Upper
83 100
85 63.9 53.2 79.8
127 7.8 6.4 9.6



#48
Methyl methacrylate
Concen: 54.376 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 41 Resp: 63766
Ion Ratio Lower Upper
41 100
69 82.0 72.1 108.1
39 55.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1039.289 ug/l

RT: 9.250 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

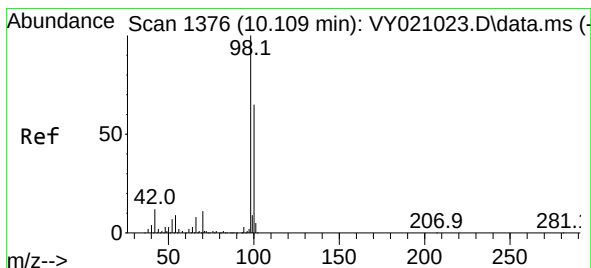
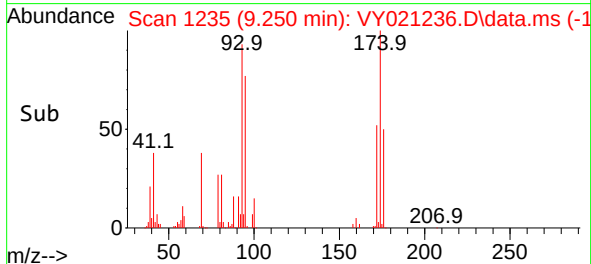
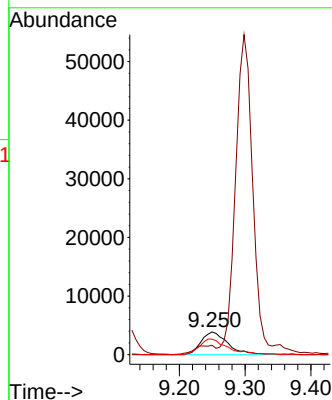
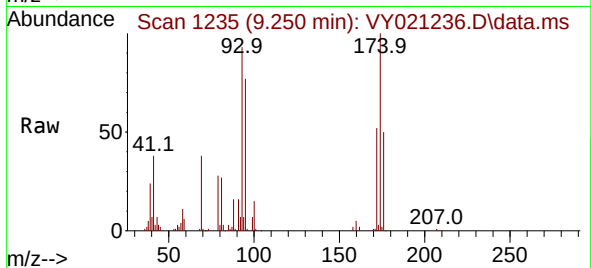
Tgt Ion: 88 Resp: 11020

Ion Ratio Lower Upper

88 100

43 31.9 28.2 42.4

58 72.9 52.2 78.2



#50

Toluene-d8

Concen: 44.845 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021236.D

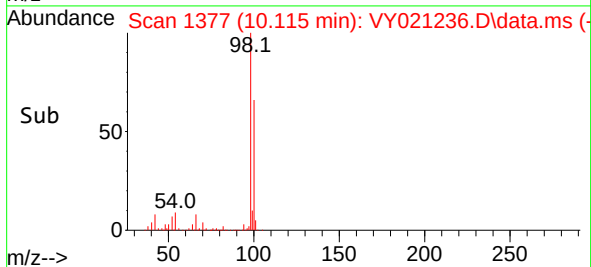
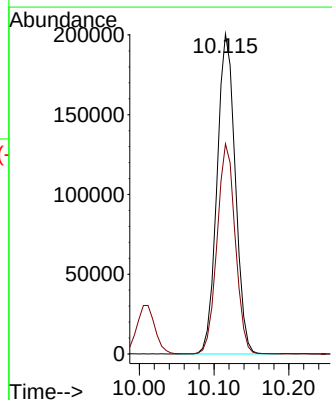
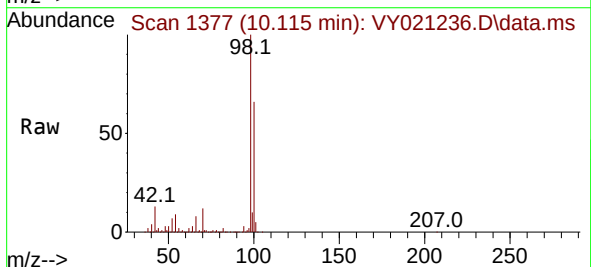
Acq: 19 Feb 2025 14:55

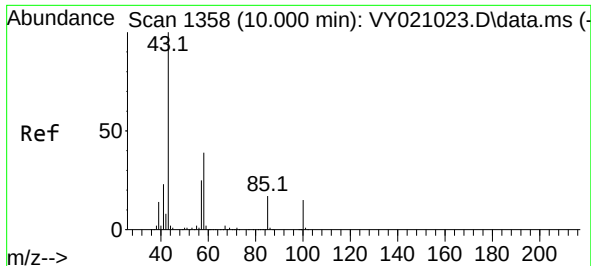
Tgt Ion: 98 Resp: 340426

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5

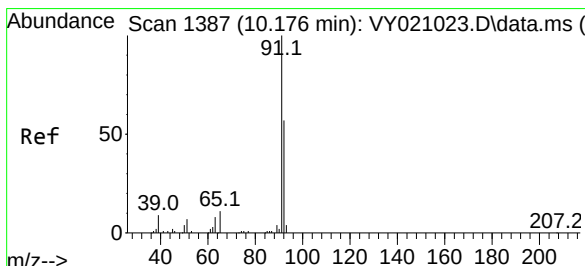
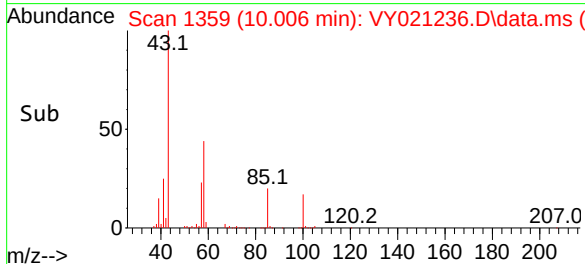
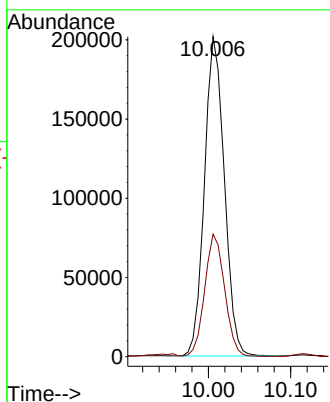
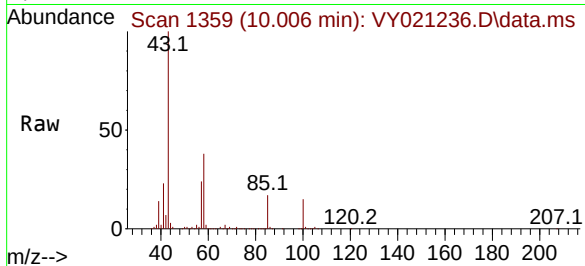




#51
4-Methyl-2-Pentanone
Concen: 261.432 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

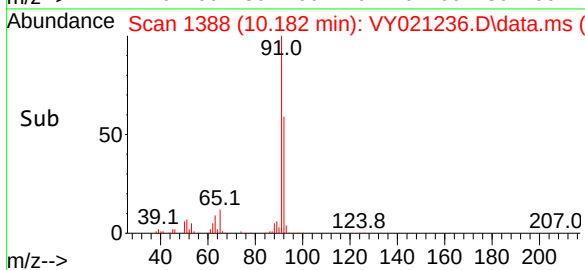
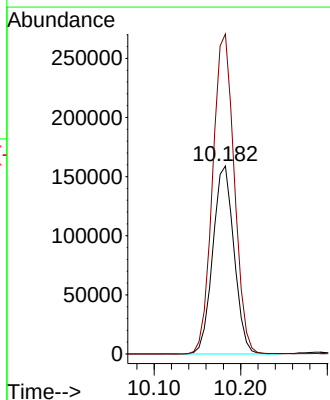
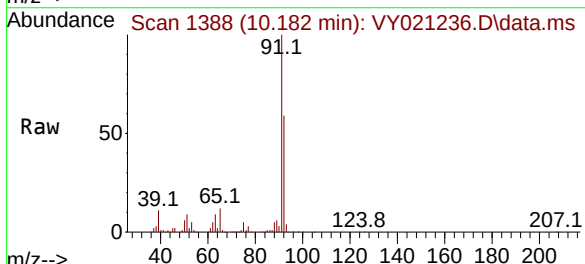
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

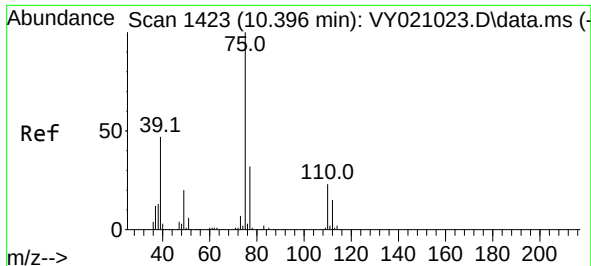
Tgt Ion: 43 Resp: 338455
Ion Ratio Lower Upper
43 100
58 38.7 32.2 48.2



#52
Toluene
Concen: 49.688 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 92 Resp: 270409
Ion Ratio Lower Upper
92 100
91 173.6 137.6 206.4

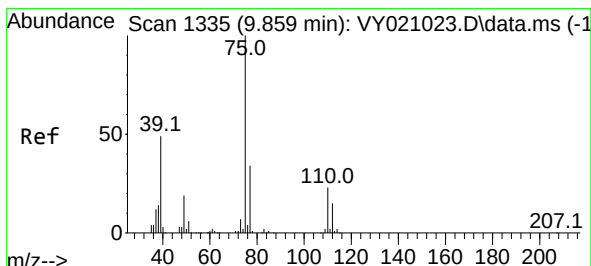
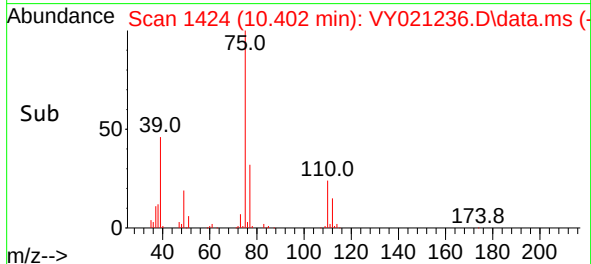
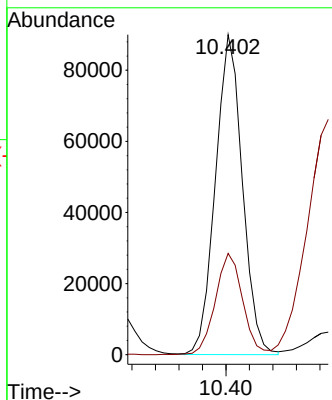
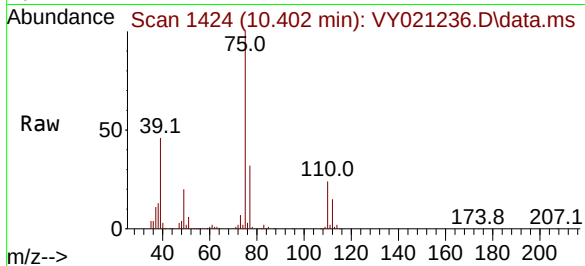




#53
 t-1,3-Dichloropropene
 Concen: 52.336 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021236.D
 Acq: 19 Feb 2025 14:55

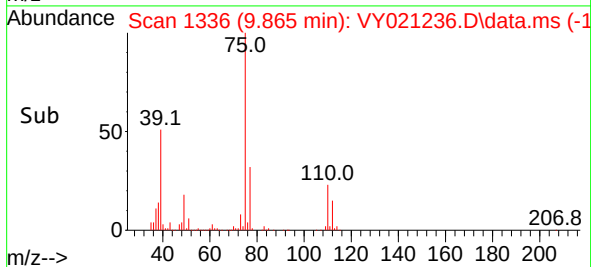
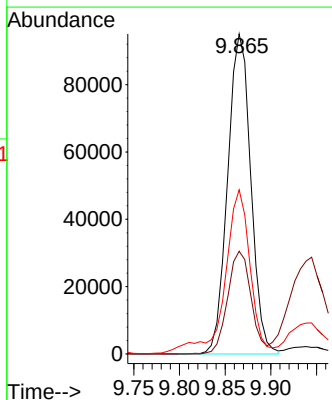
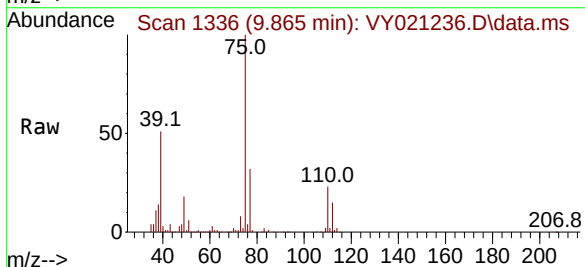
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

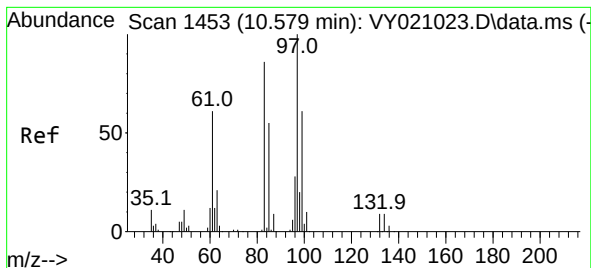
Tgt Ion: 75 Resp: 143554
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.553 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021236.D
 Acq: 19 Feb 2025 14:55

Tgt Ion: 75 Resp: 167429
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8
 39 49.1 33.6 50.4

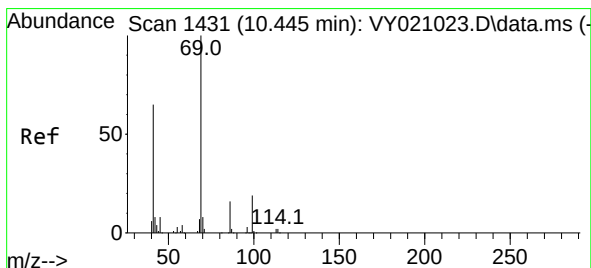
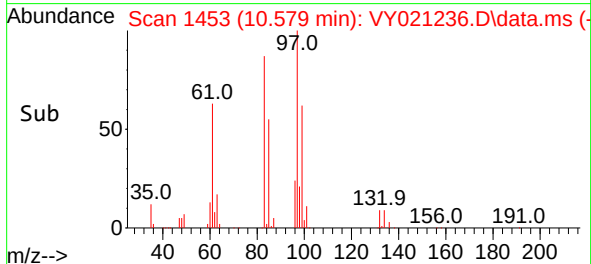
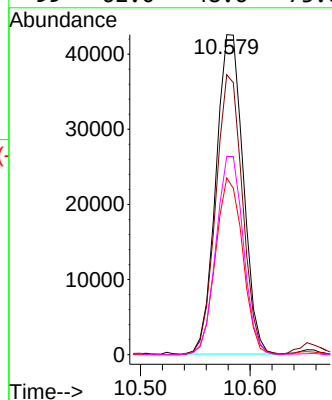
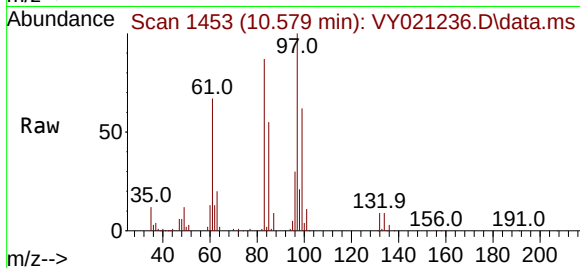




#55
1,1,2-Trichloroethane
Concen: 49.892 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

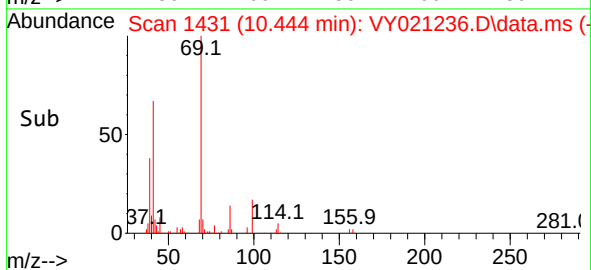
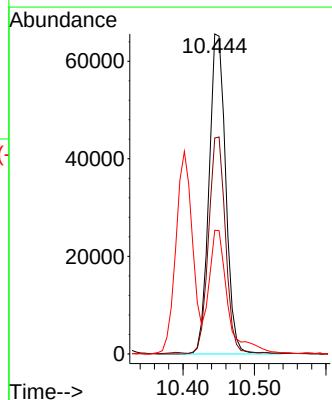
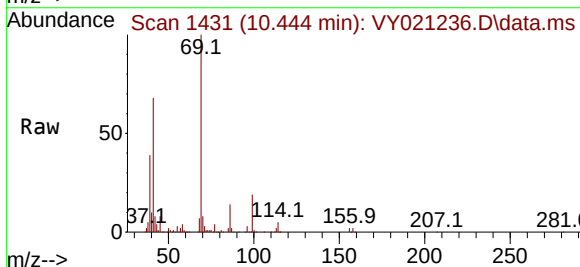
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

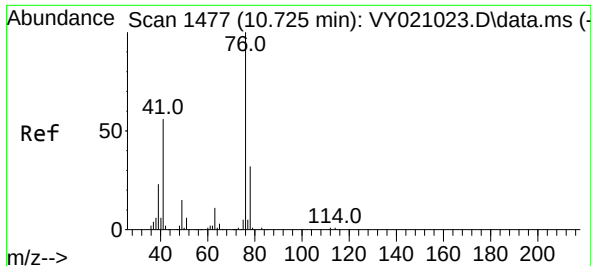
Tgt Ion:	97	Resp:	73589
Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.4	104.2
85	55.4	43.9	65.9
99	62.0	48.6	73.0



#56
Ethyl methacrylate
Concen: 53.867 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion:	69	Resp:	106288
Ion	Ratio	Lower	Upper
69	100		
41	68.0	49.2	73.8
39	42.9	26.8	40.2





#57

1,3-Dichloropropane

Concen: 51.769 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

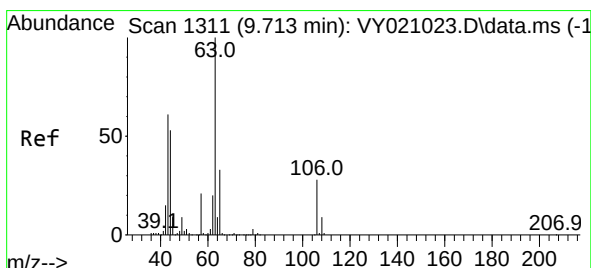
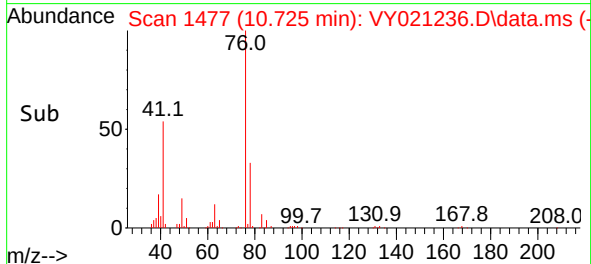
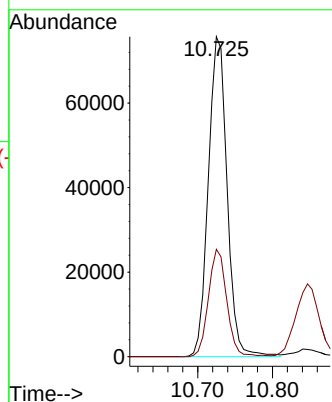
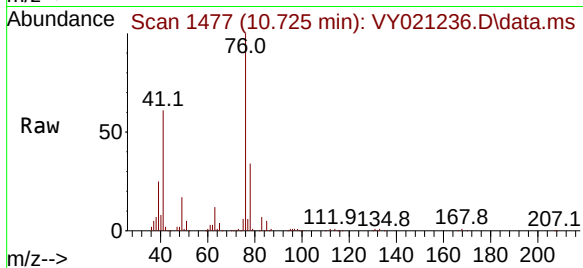
VSTDCCC050

Tgt Ion: 76 Resp: 132165

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 309.543 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021236.D

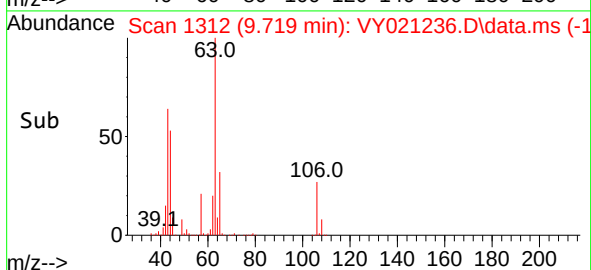
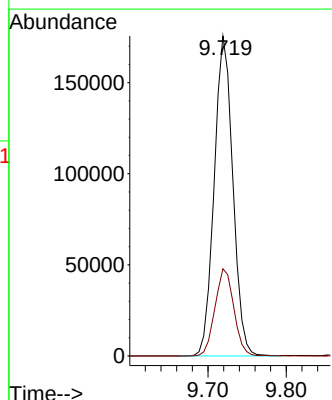
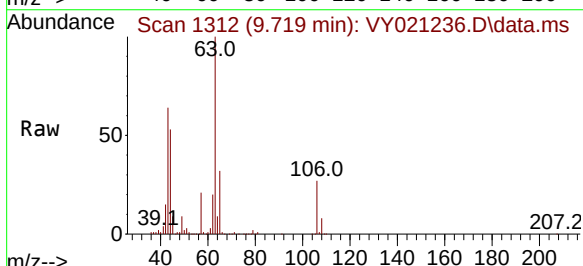
Acq: 19 Feb 2025 14:55

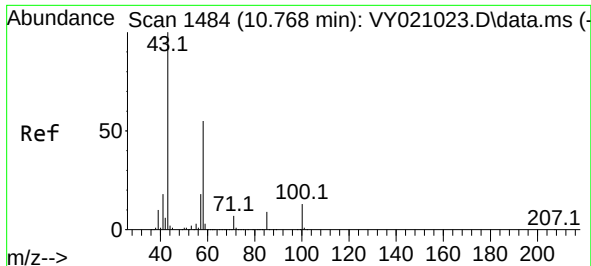
Tgt Ion: 63 Resp: 290576

Ion Ratio Lower Upper

63 100

106 27.6 22.4 33.6

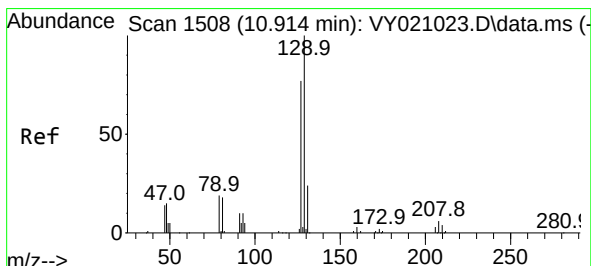
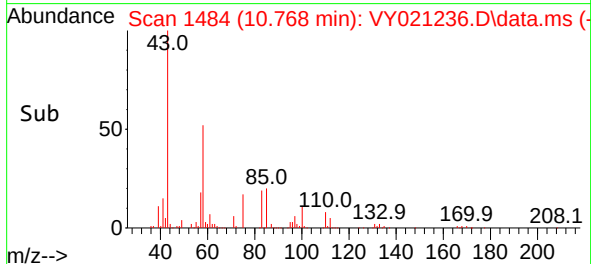
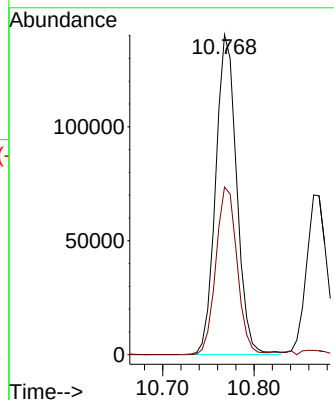
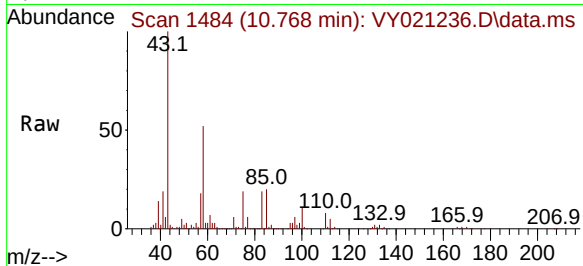




#59
2-Hexanone
Concen: 268.437 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

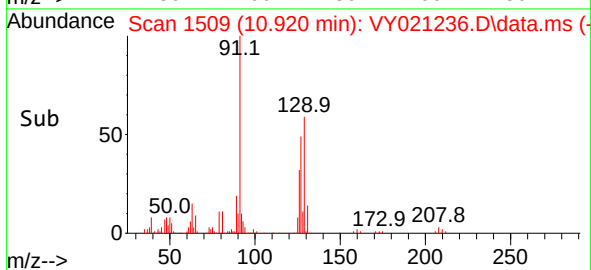
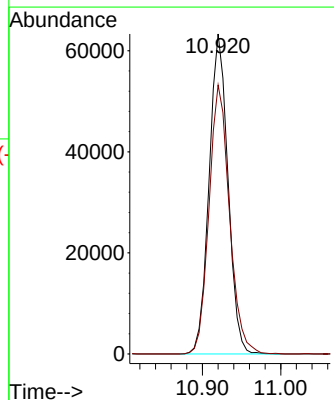
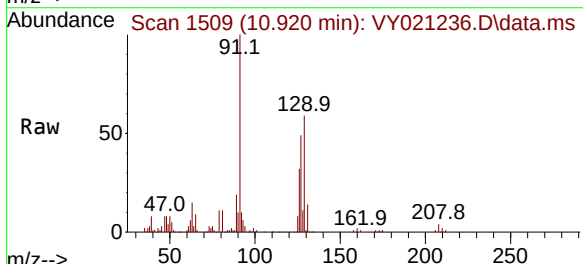
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

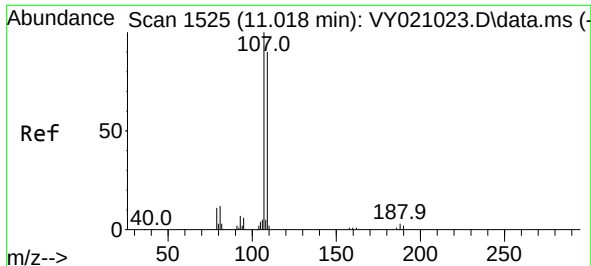
Tgt Ion: 43 Resp: 223757
Ion Ratio Lower Upper
43 100
58 53.2 28.1 84.3



#60
Dibromochloromethane
Concen: 50.976 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 129 Resp: 105589
Ion Ratio Lower Upper
129 100
127 91.4 39.2 117.6

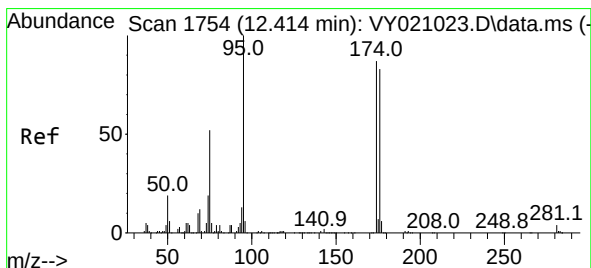
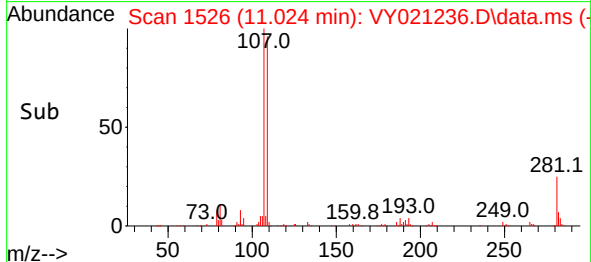
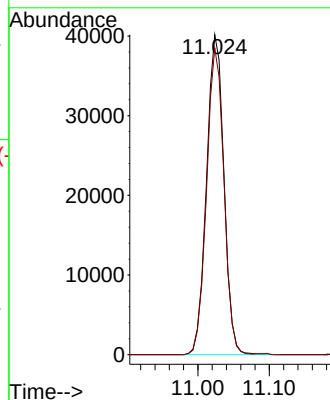
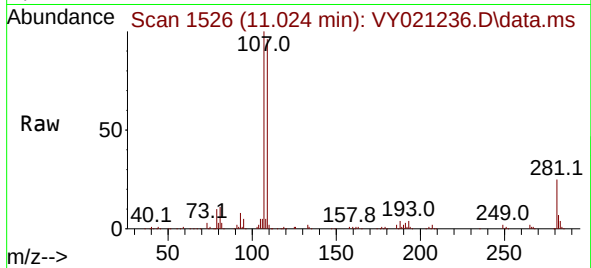




#61
1,2-Dibromoethane
Concen: 49.079 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

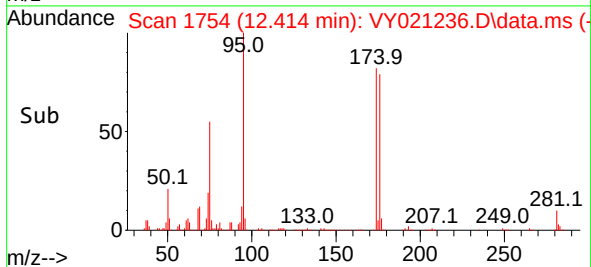
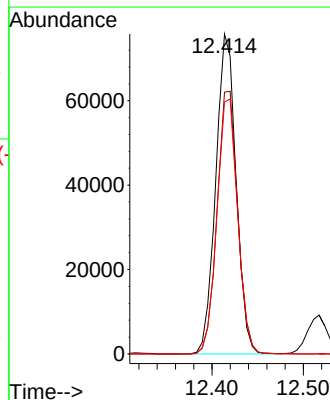
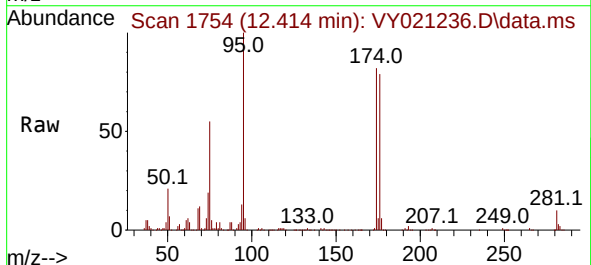
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

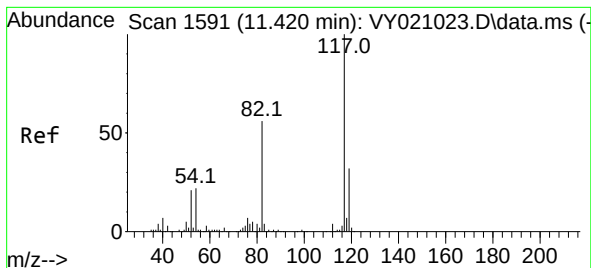
Tgt Ion:107 Resp: 67805
Ion Ratio Lower Upper
107 100
109 95.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.196 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 95 Resp: 117047
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.0
176 81.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

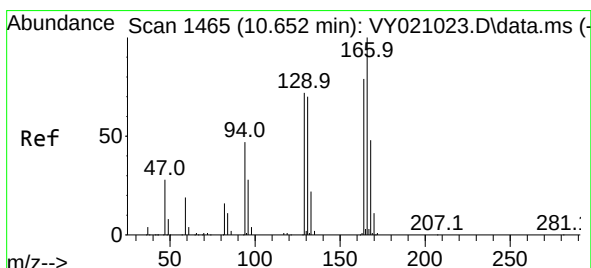
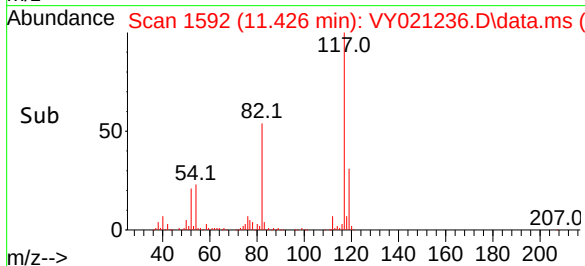
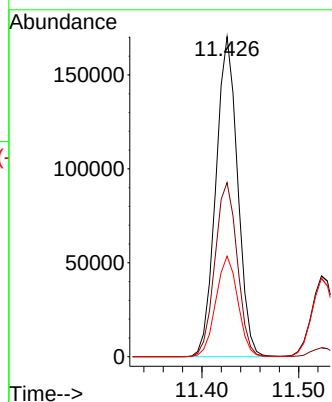
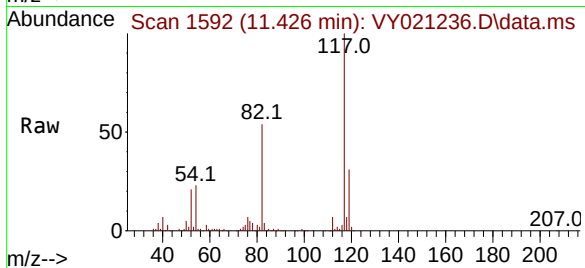
Tgt Ion:117 Resp: 266562

Ion Ratio Lower Upper

117 100

82 54.4 43.8 65.8

119 31.4 26.5 39.7



#64

Tetrachloroethene

Concen: 47.954 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Tgt Ion:164 Resp: 94893

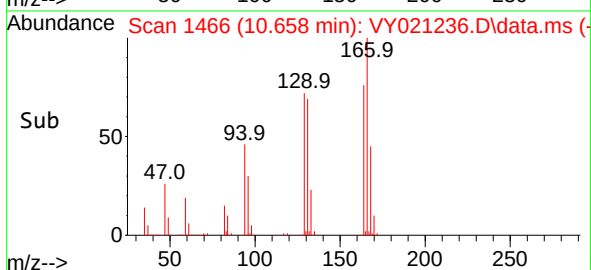
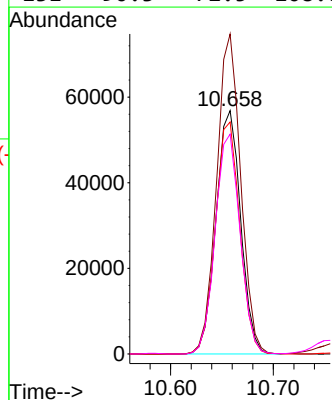
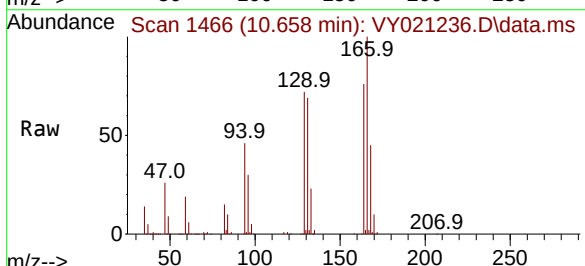
Ion Ratio Lower Upper

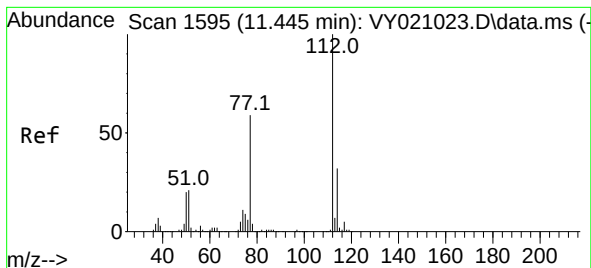
164 100

166 131.5 98.8 148.2

129 95.3 78.9 118.3

131 90.3 72.5 108.7





#65

Chlorobenzene

Concen: 49.788 ug/l

RT: 11.450 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

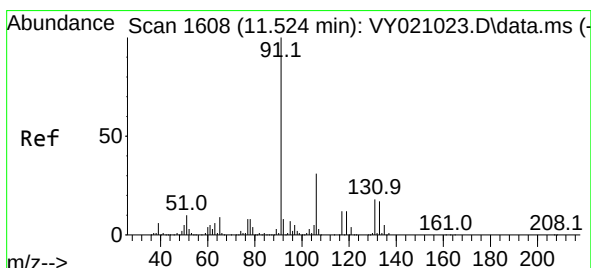
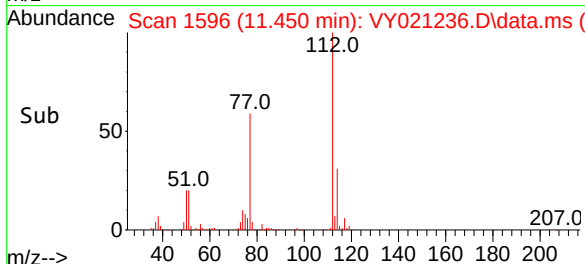
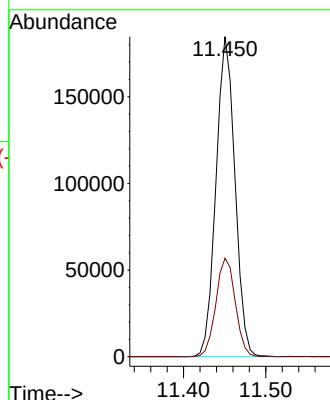
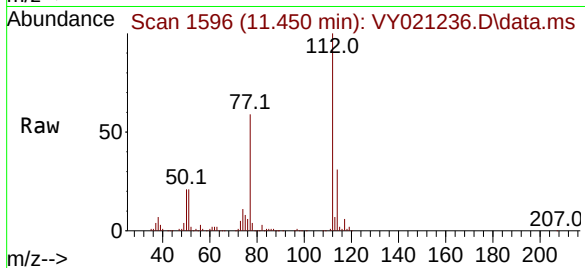
VSTDCCC050

Tgt Ion:112 Resp: 295517

Ion Ratio Lower Upper

112 100

114 30.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.076 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

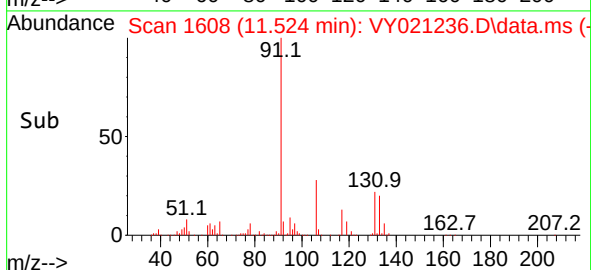
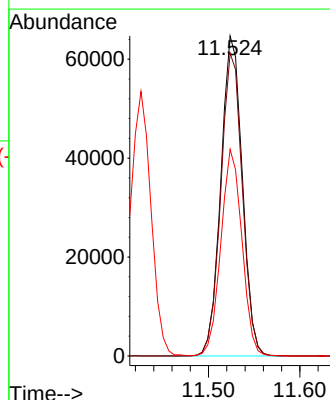
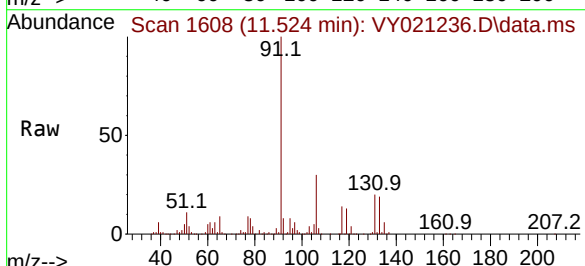
Tgt Ion:131 Resp: 105626

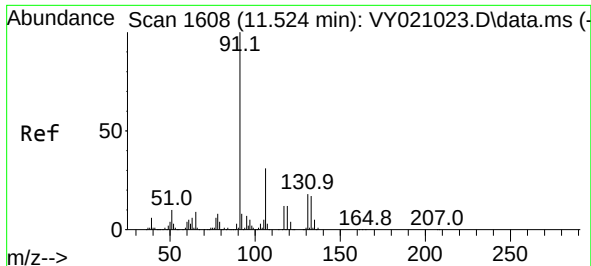
Ion Ratio Lower Upper

131 100

133 95.1 47.0 141.0

119 63.4 33.3 99.9





#67

Ethyl Benzene

Concen: 50.579 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

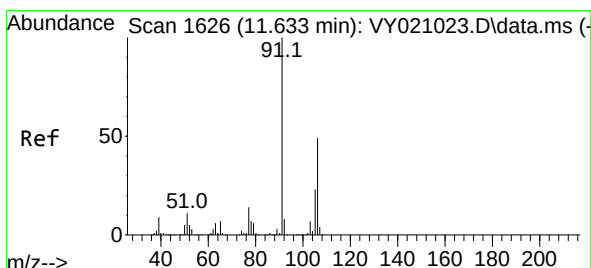
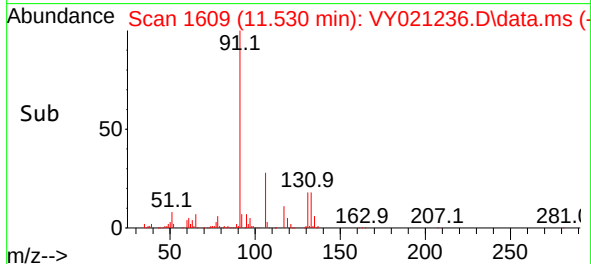
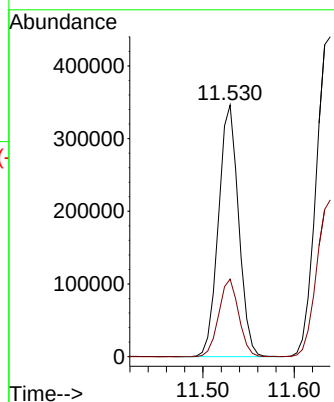
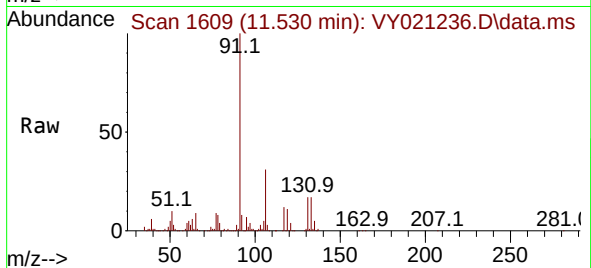
VSTDCCC050

Tgt Ion: 91 Resp: 530991

Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.4



#68

m/p-Xylenes

Concen: 99.601 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.006 min

Lab File: VY021236.D

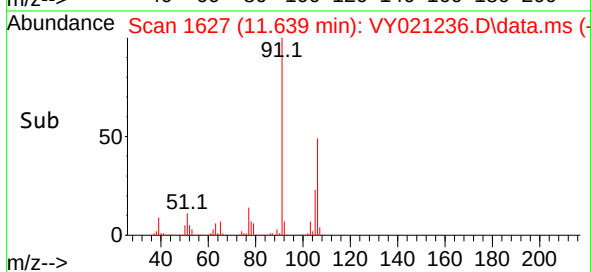
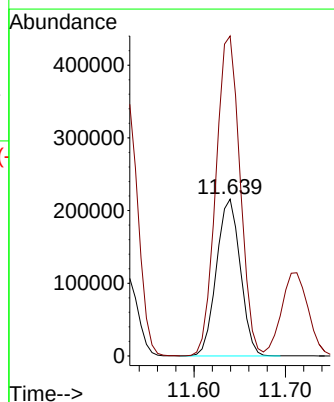
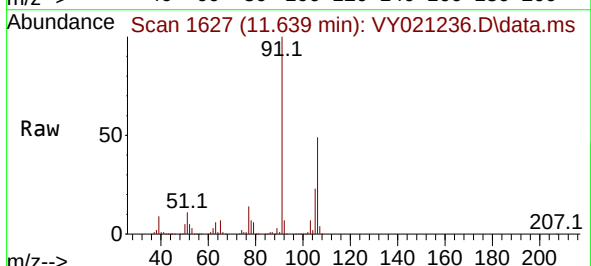
Acq: 19 Feb 2025 14:55

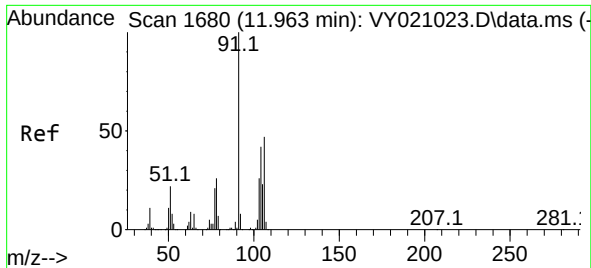
Tgt Ion: 106 Resp: 391171

Ion Ratio Lower Upper

106 100

91 207.1 160.7 241.1

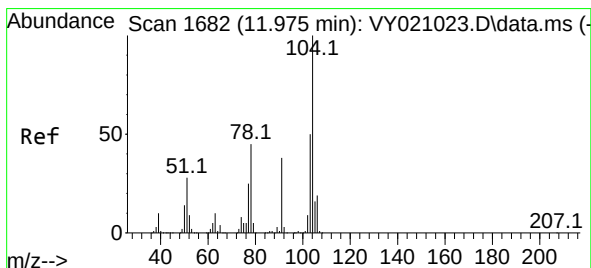
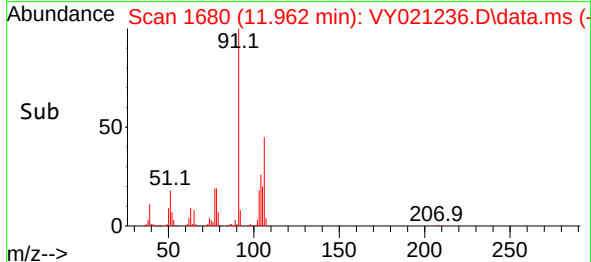
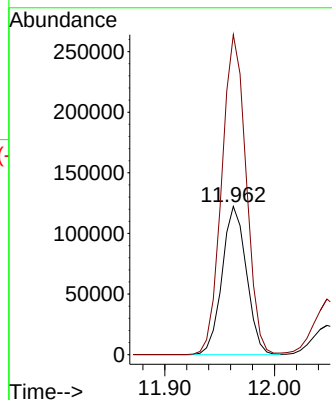
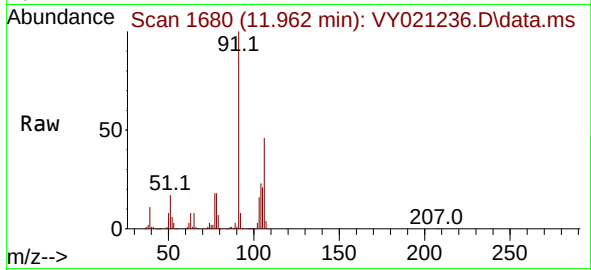




#69
o-Xylene
Concen: 51.555 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

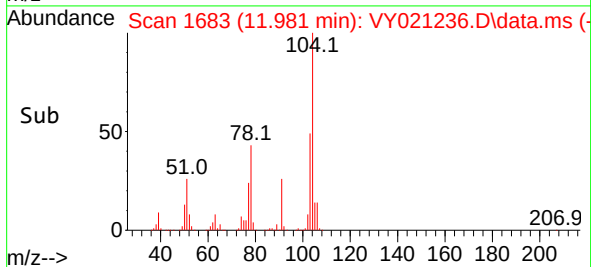
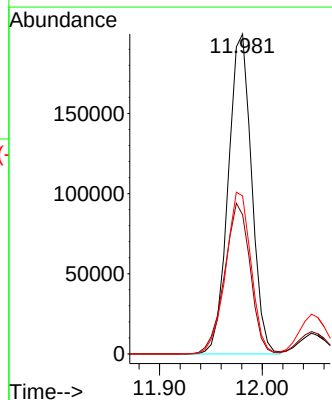
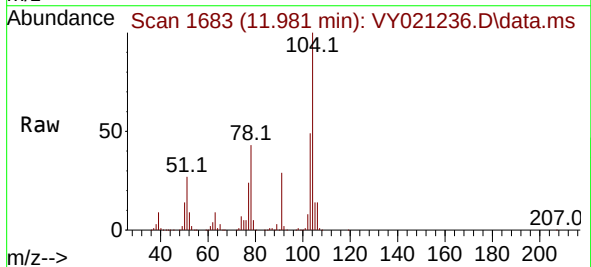
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

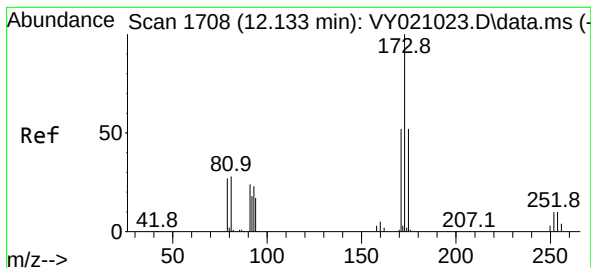
Tgt Ion:106 Resp: 188775
Ion Ratio Lower Upper
106 100
91 216.1 106.5 319.5



#70
Styrene
Concen: 51.620 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion:104 Resp: 315025
Ion Ratio Lower Upper
104 100
78 51.7 39.2 58.8
103 54.8 43.8 65.6





#71

Bromoform

Concen: 49.825 ug/l

RT: 12.145 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

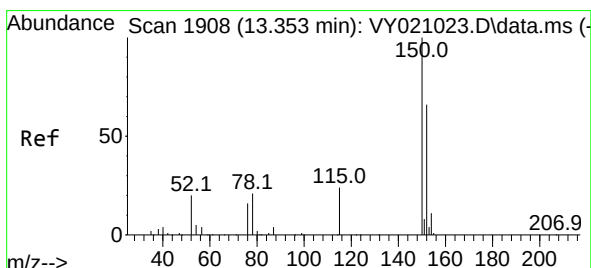
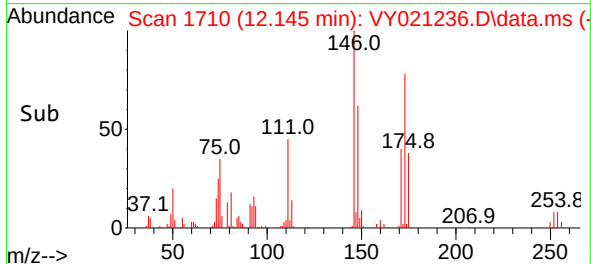
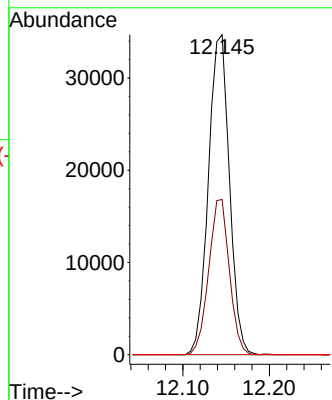
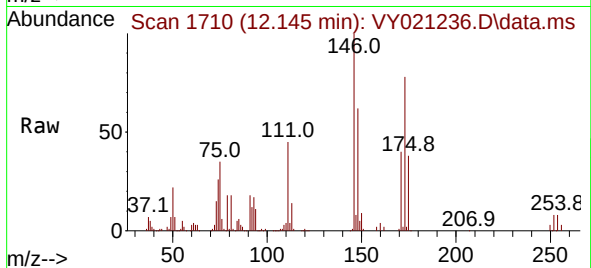
Tgt Ion:173 Resp: 58498

Ion Ratio Lower Upper

173 100

175 47.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

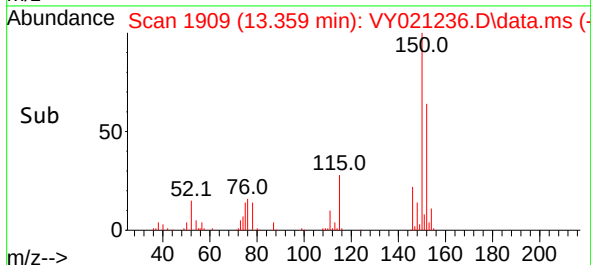
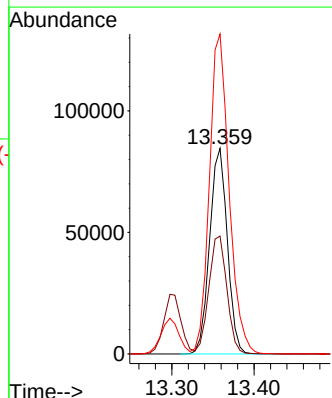
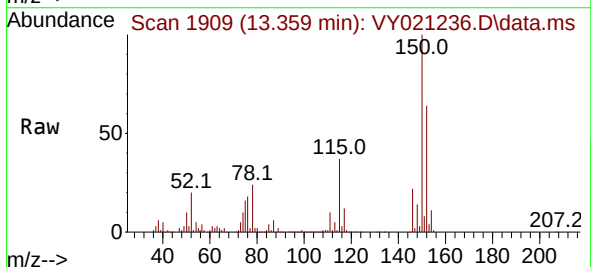
Tgt Ion:152 Resp: 126814

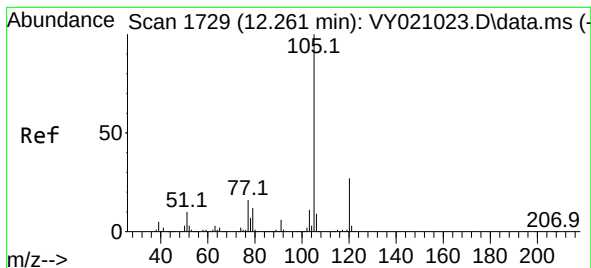
Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 172.9 0.0 344.6





#73

Isopropylbenzene

Concen: 53.006 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

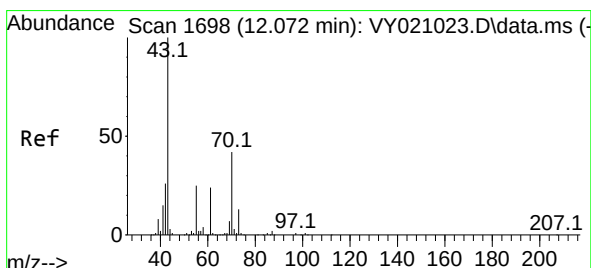
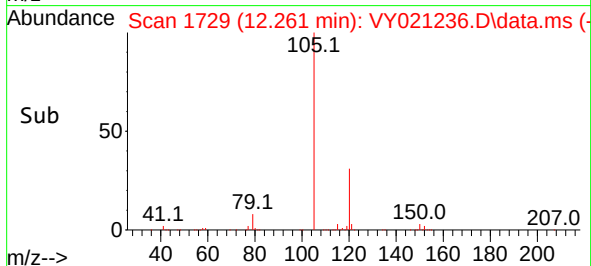
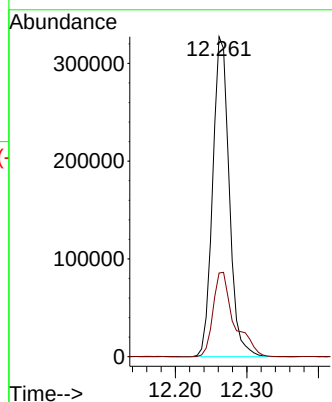
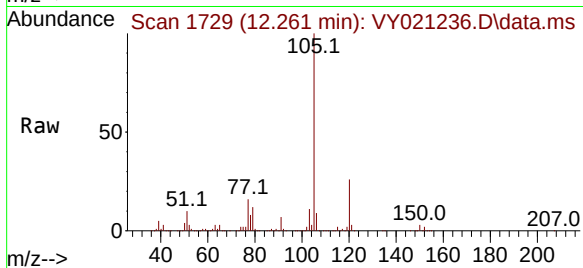
VSTDCCC050

Tgt Ion:105 Resp: 525075

Ion Ratio Lower Upper

105 100

120 33.6 13.0 39.0



#74

N-ethyl acetate

Concen: 54.480 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Tgt Ion: 43 Resp: 117988

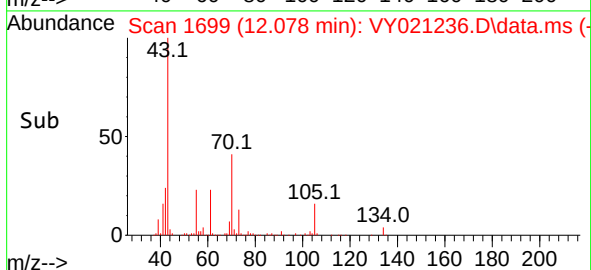
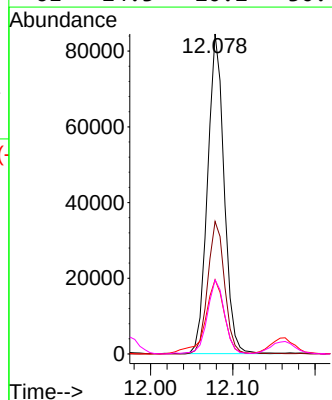
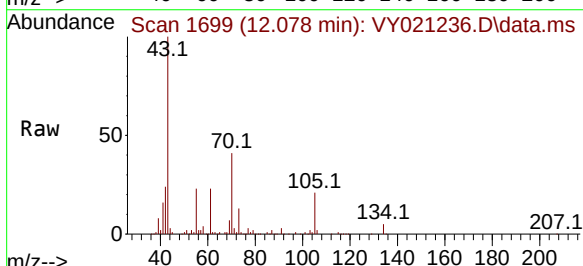
Ion Ratio Lower Upper

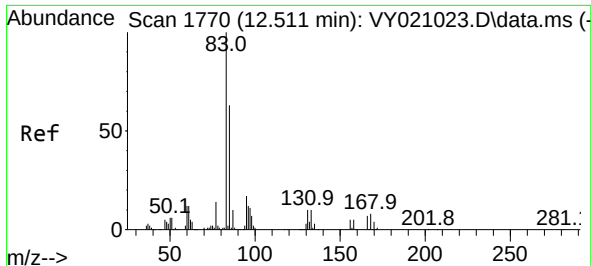
43 100

70 42.2 36.6 55.0

55 27.0 22.2 33.4

61 24.3 20.2 30.4

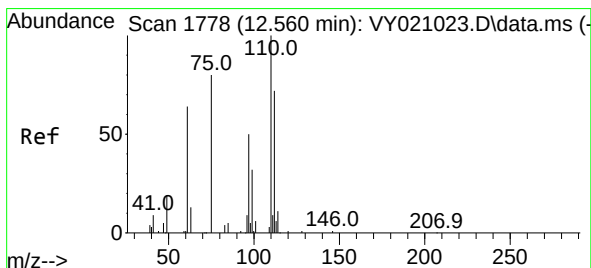
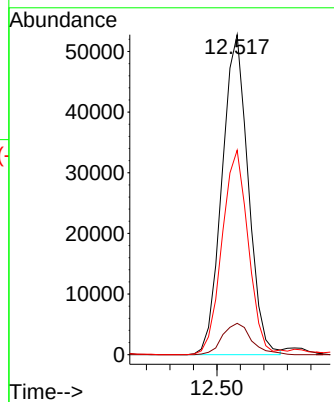
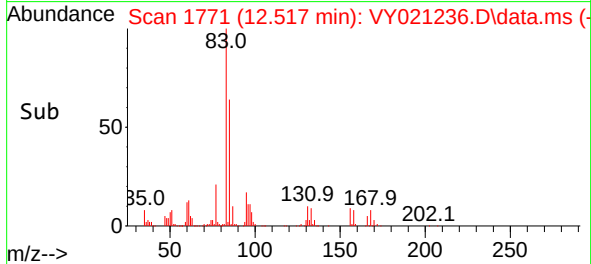
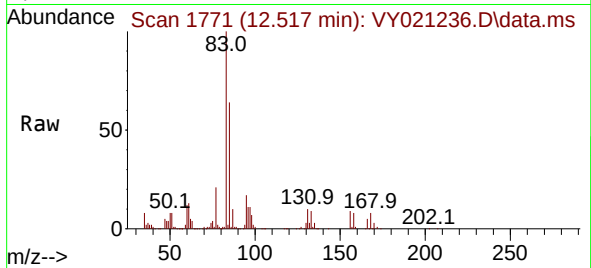




#75
1,1,2,2-Tetrachloroethane
Concen: 49.512 ug/l
RT: 12.517 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

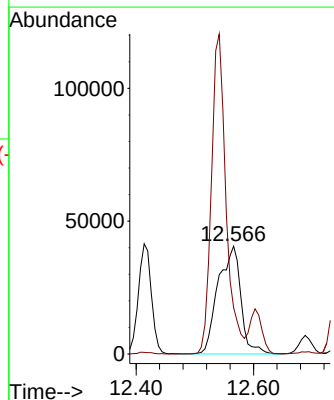
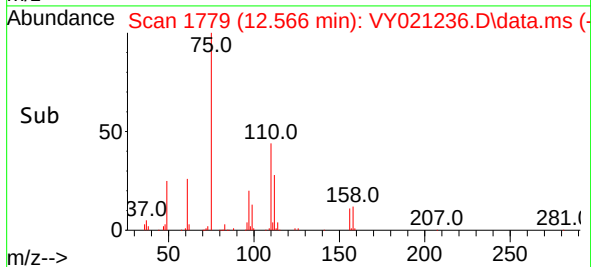
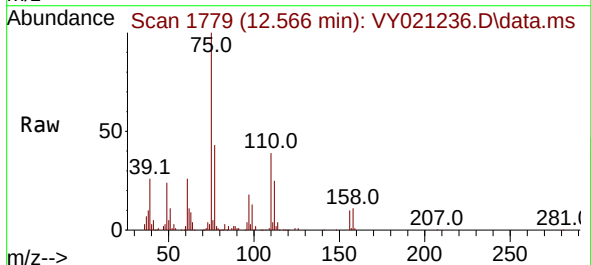
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

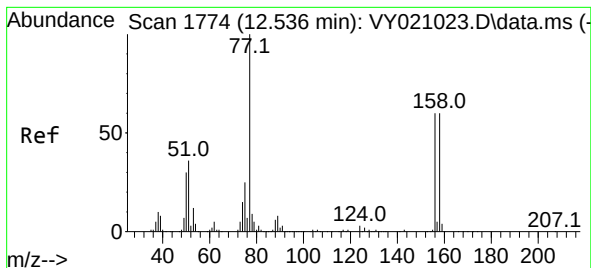
Tgt Ion: 83 Resp: 81571
Ion Ratio Lower Upper
83 100
131 10.9 4.9 14.6
85 64.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 94.911 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 75 Resp: 109182
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.154 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

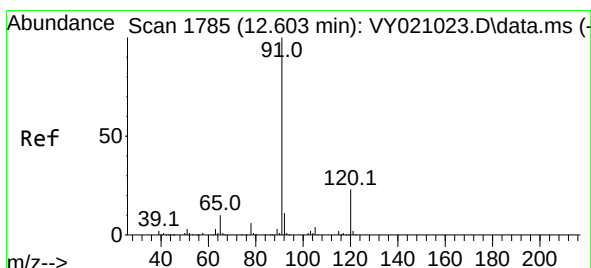
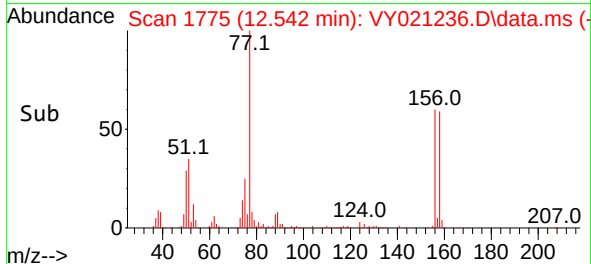
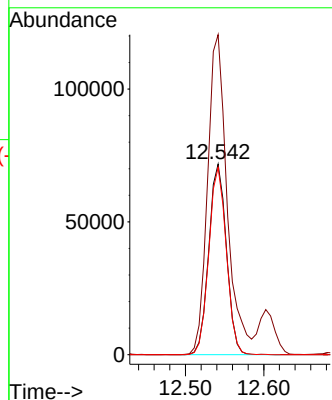
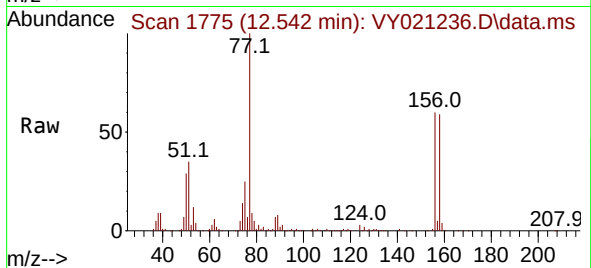
Tgt Ion:156 Resp: 112364

Ion Ratio Lower Upper

156 100

77 185.8 97.3 291.8

158 97.5 48.4 145.0



#78

n-propylbenzene

Concen: 51.330 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021236.D

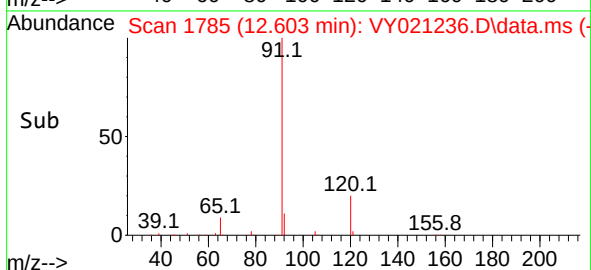
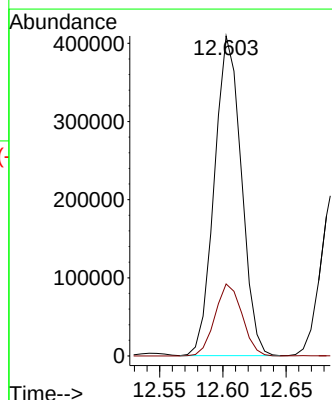
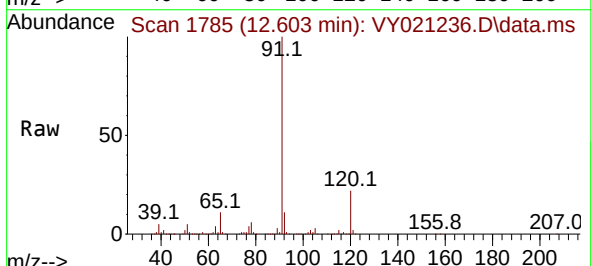
Acq: 19 Feb 2025 14:55

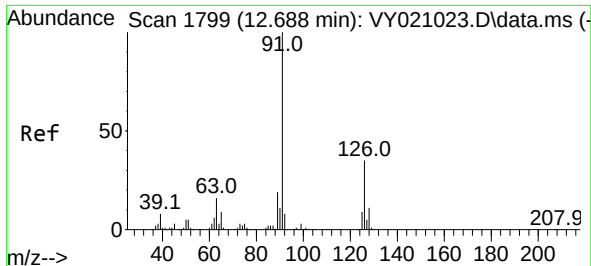
Tgt Ion: 91 Resp: 605704

Ion Ratio Lower Upper

91 100

120 22.6 11.0 33.0

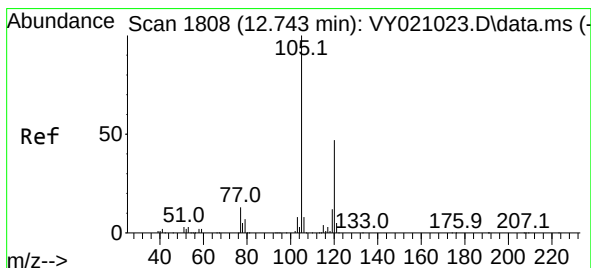
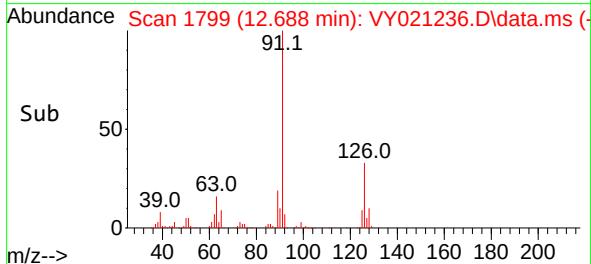
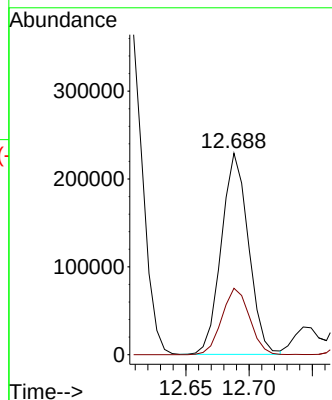
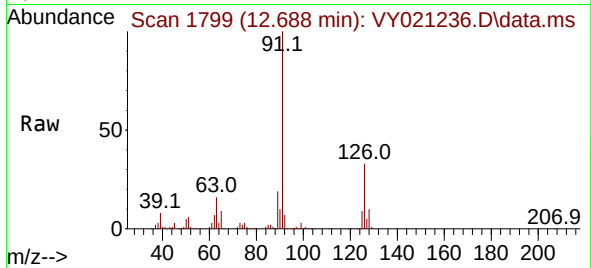




#79
2-Chlorotoluene
Concen: 50.565 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

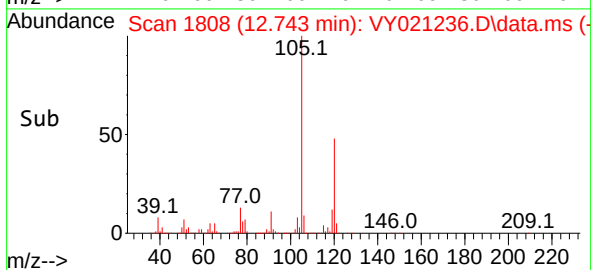
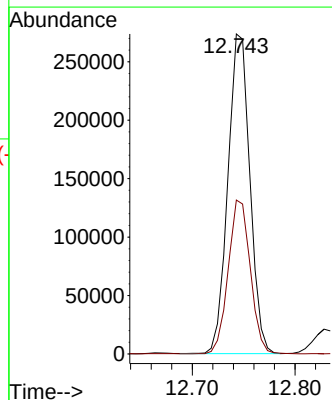
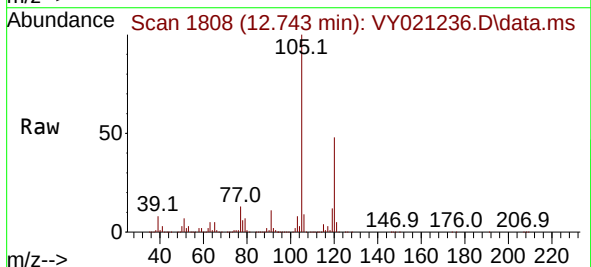
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

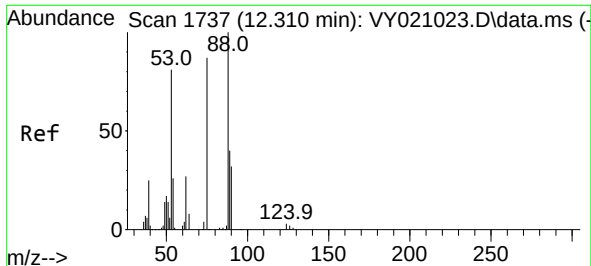
Tgt Ion: 91 Resp: 341745
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.629 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 105 Resp: 406625
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

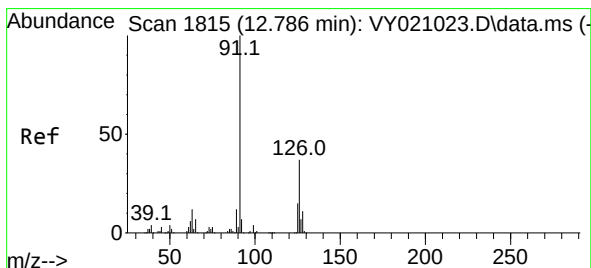
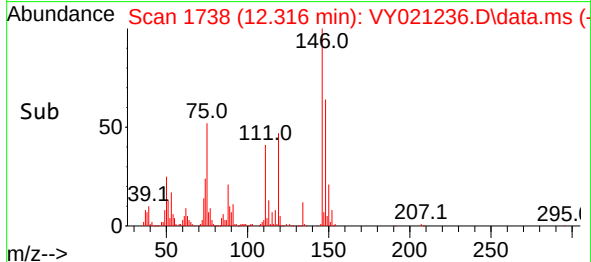
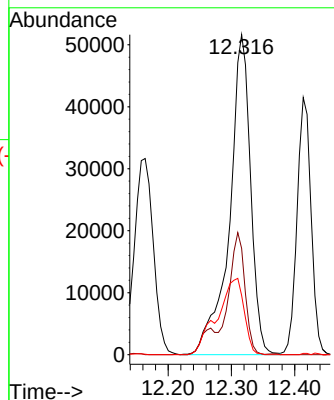
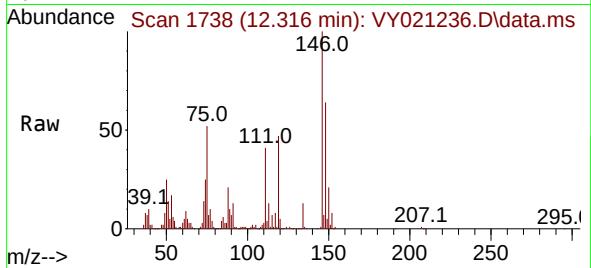




#81
trans-1,4-Dichloro-2-butene
Concen: 212.252 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

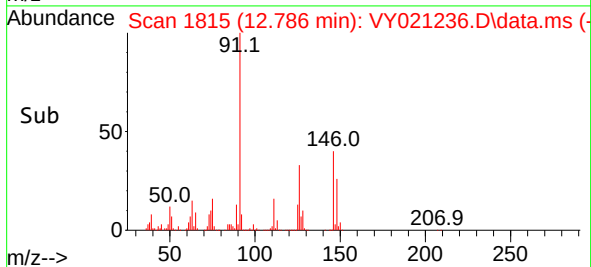
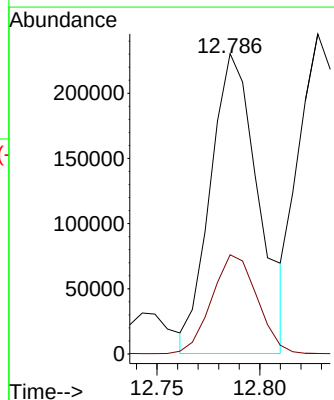
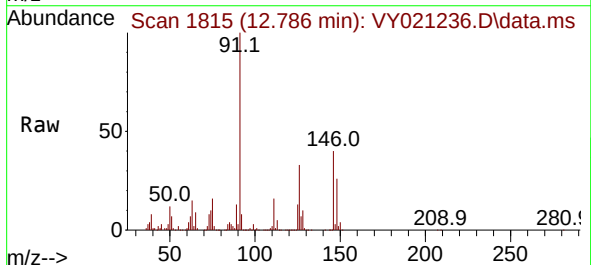
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

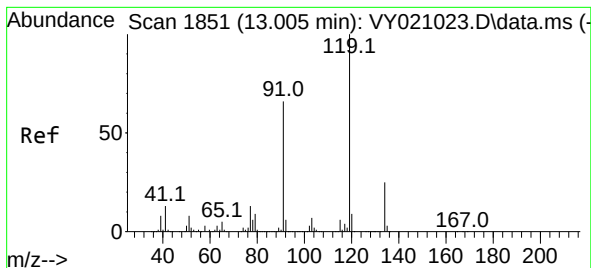
Tgt Ion: 75 Resp: 119661
Ion Ratio Lower Upper
75 100
53 29.2 74.0 111.0#
89 30.4 36.5 54.7#



#82
4-Chlorotoluene
Concen: 54.307 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 91 Resp: 373956
Ion Ratio Lower Upper
91 100
126 31.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.825 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

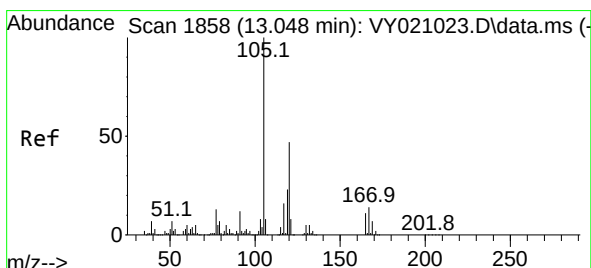
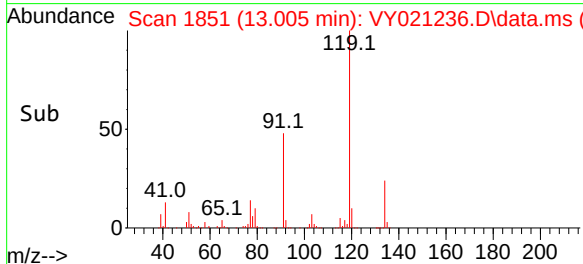
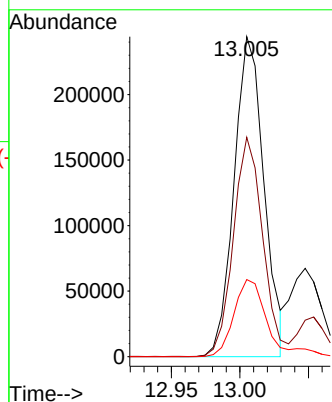
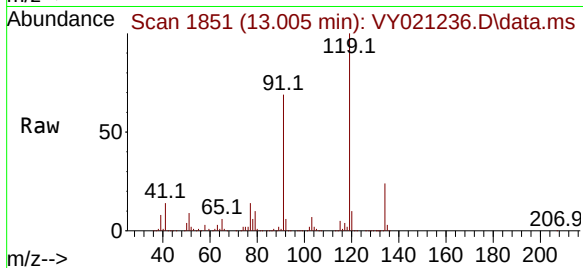
Tgt Ion:119 Resp: 371033

Ion Ratio Lower Upper

119 100

91 67.5 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.664 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY021236.D

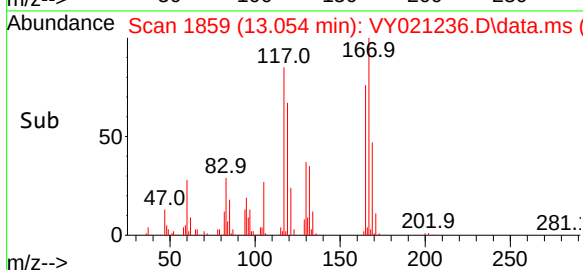
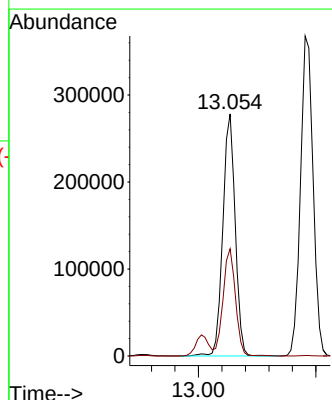
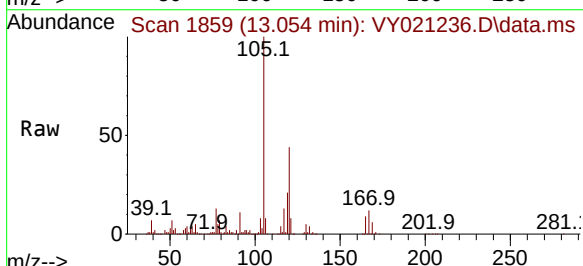
Acq: 19 Feb 2025 14:55

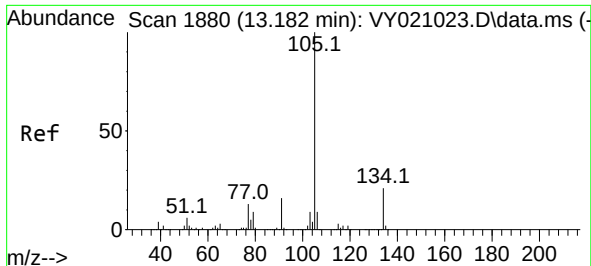
Tgt Ion:105 Resp: 405711

Ion Ratio Lower Upper

105 100

120 44.0 22.1 66.3

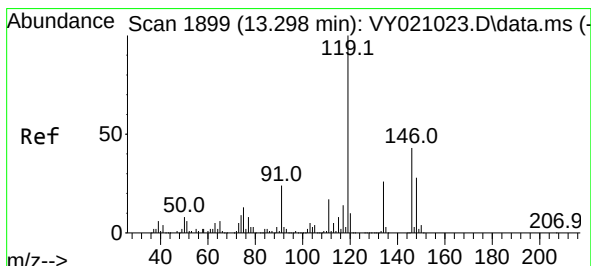
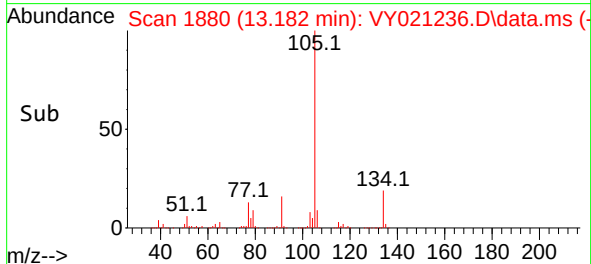
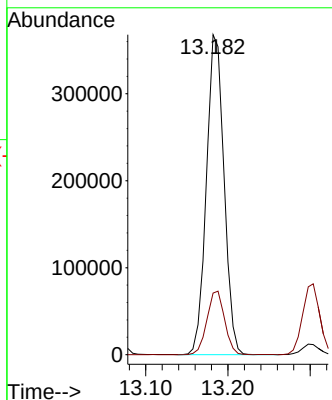
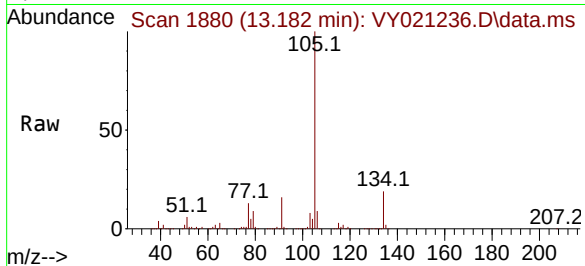




#85
 sec-Butylbenzene
 Concen: 52.143 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021236.D
 Acq: 19 Feb 2025 14:55

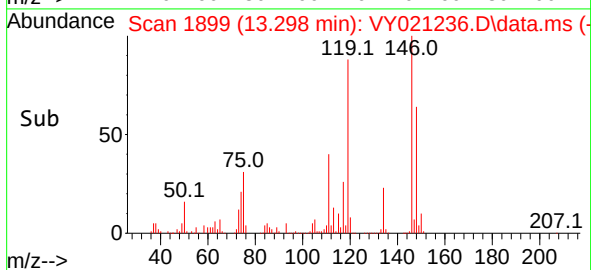
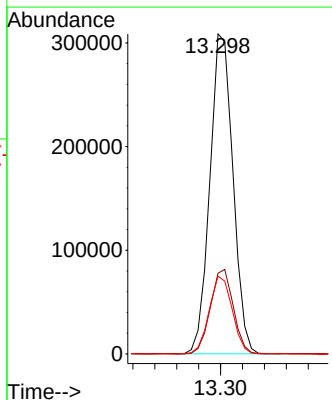
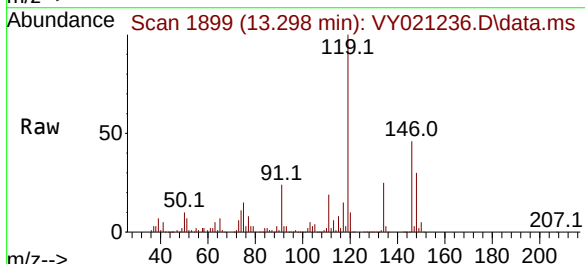
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

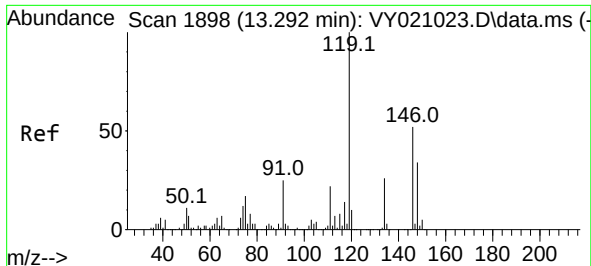
Tgt Ion:105 Resp: 547941
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 51.734 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021236.D
 Acq: 19 Feb 2025 14:55

Tgt Ion:119 Resp: 451592
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.887 ug/l

RT: 13.298 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

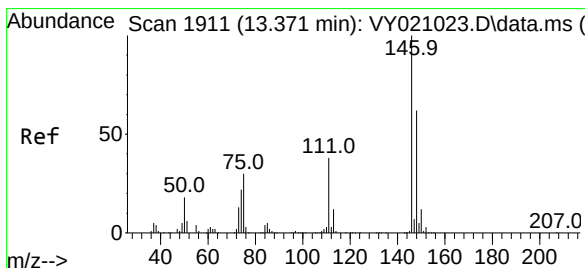
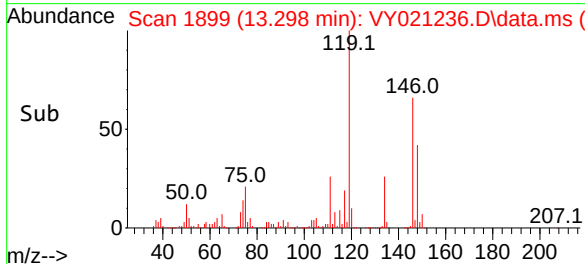
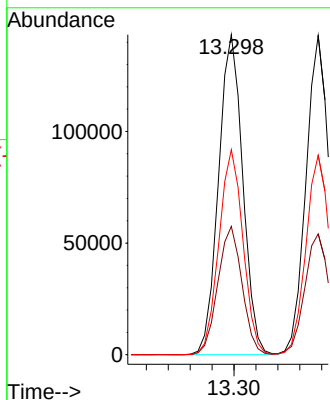
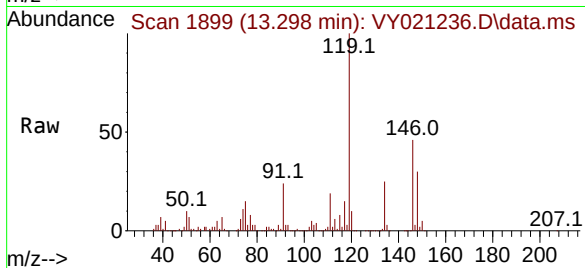
Tgt Ion:146 Resp: 220193

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.5

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.263 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

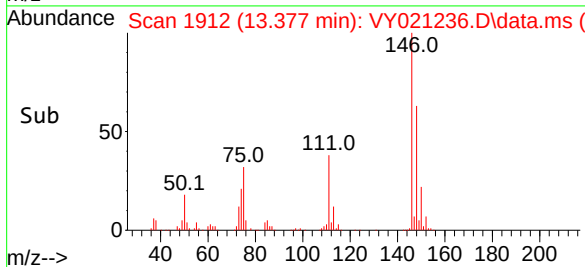
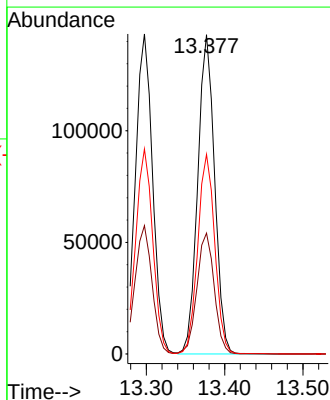
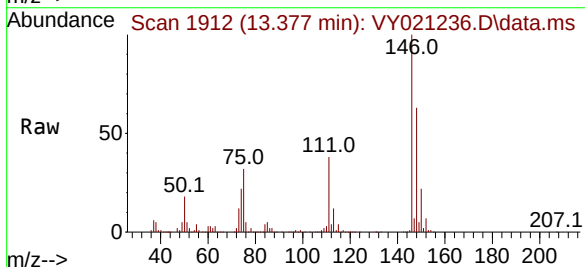
Tgt Ion:146 Resp: 214096

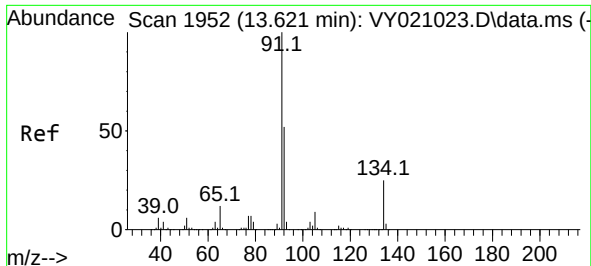
Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

148 63.3 31.6 94.7

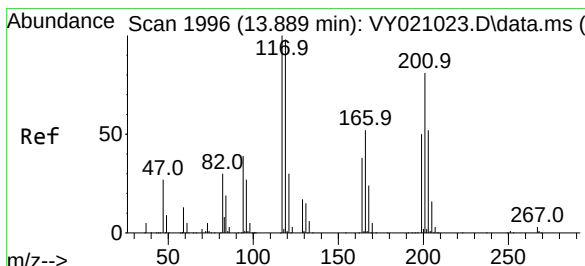
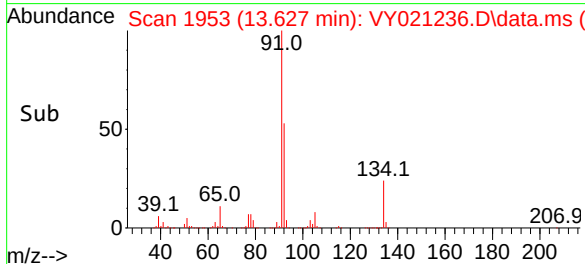
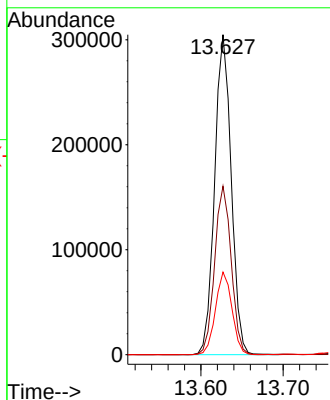
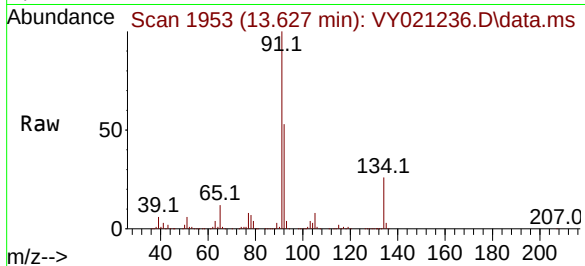




#89
n-Butylbenzene
Concen: 53.602 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

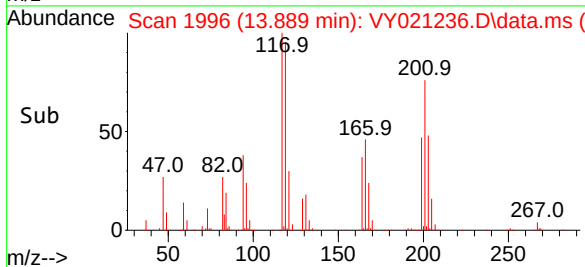
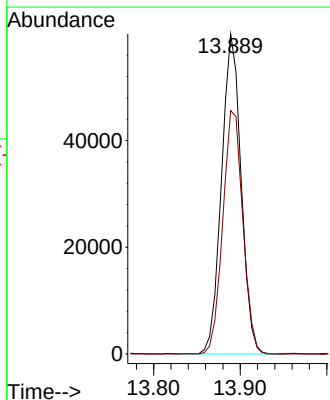
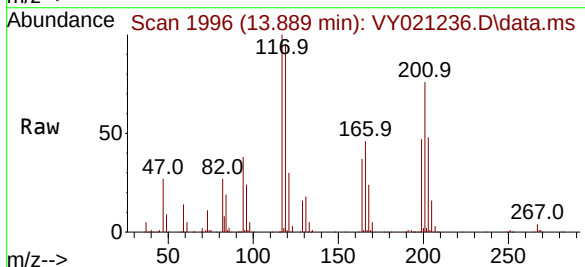
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

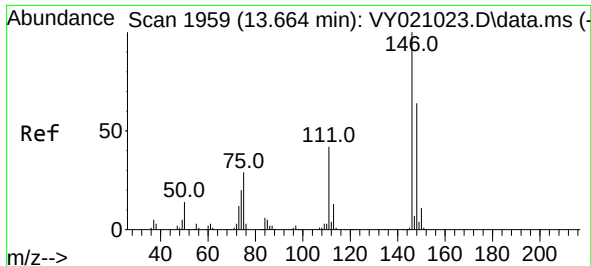
Tgt Ion: 91 Resp: 426856
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 25.7 12.3 36.8



#90
Hexachloroethane
Concen: 51.535 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 117 Resp: 93847
Ion Ratio Lower Upper
117 100
201 78.2 33.4 100.1

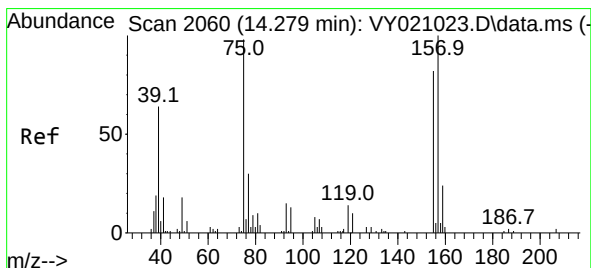
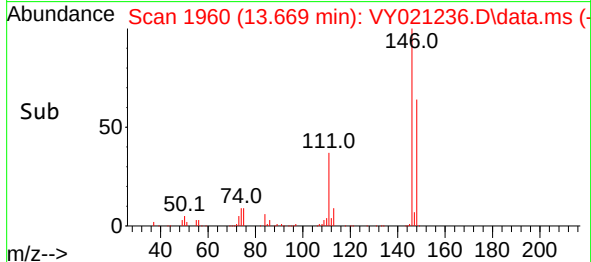
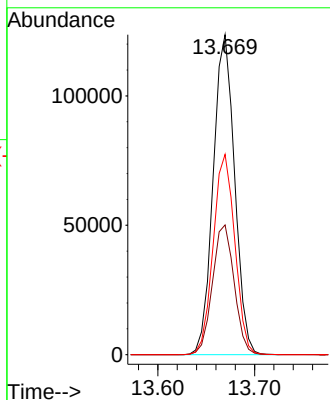
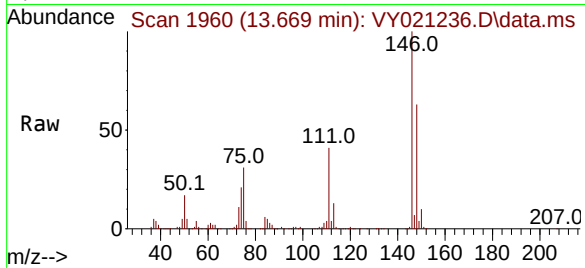




#91
1,2-Dichlorobenzene
Concen: 49.731 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

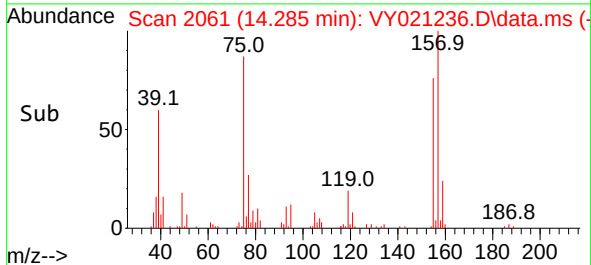
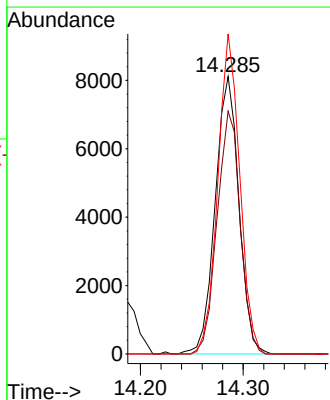
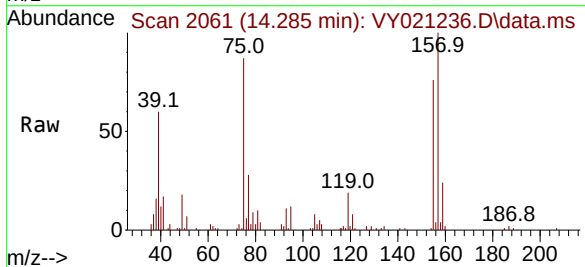
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

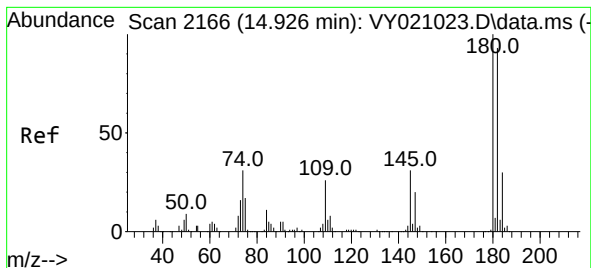
Tgt Ion:146 Resp: 190520
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 63.2 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.711 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY021236.D
Acq: 19 Feb 2025 14:55

Tgt Ion: 75 Resp: 12977
Ion Ratio Lower Upper
75 100
155 84.9 42.1 126.3
157 106.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 54.103 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

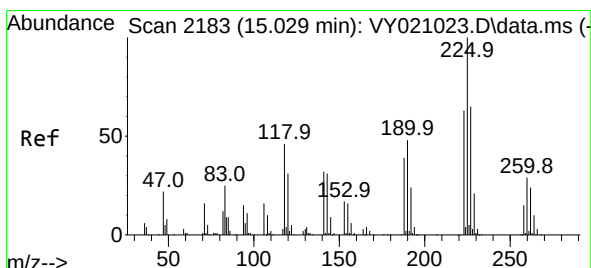
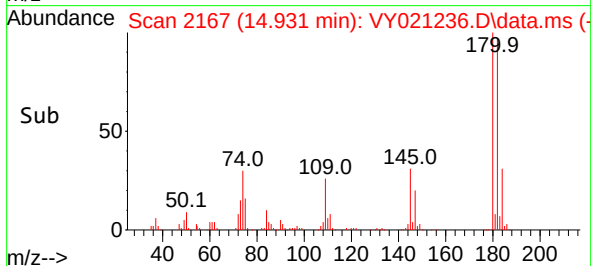
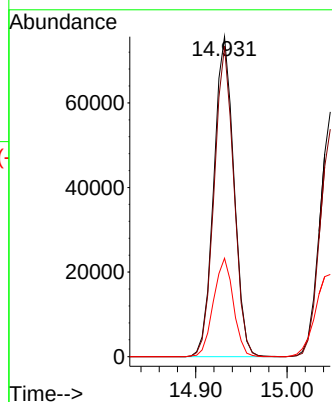
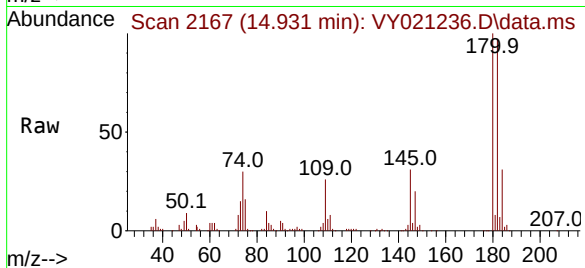
Tgt Ion:180 Resp: 115371

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 30.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 51.945 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

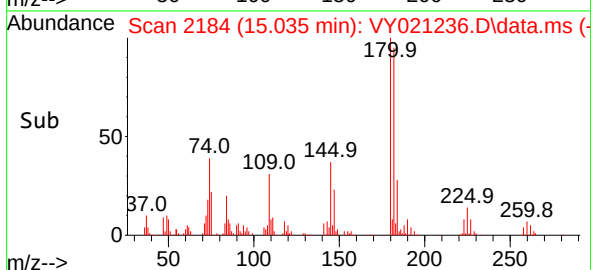
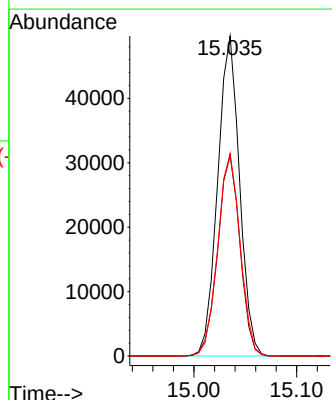
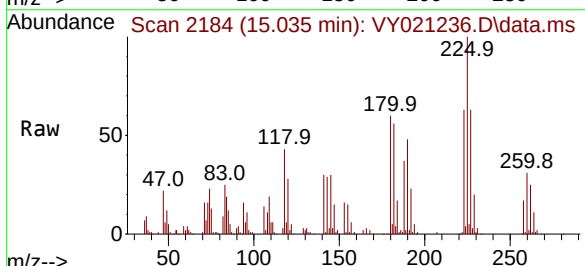
Tgt Ion:225 Resp: 73405

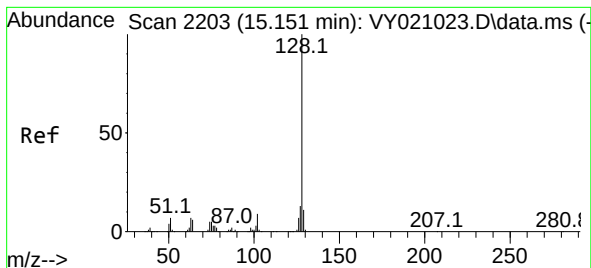
Ion Ratio Lower Upper

225 100

223 63.1 31.4 94.3

227 64.6 32.3 96.8





#95

Naphthalene

Concen: 56.964 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

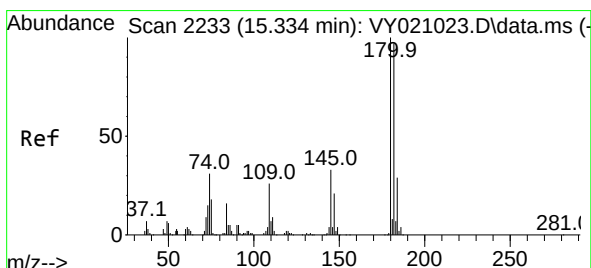
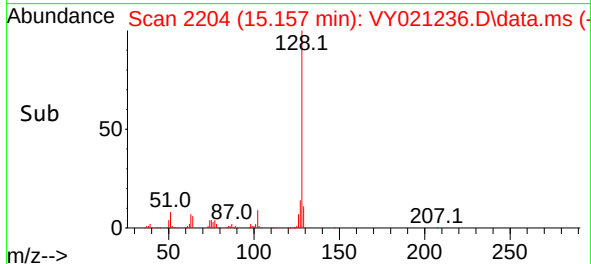
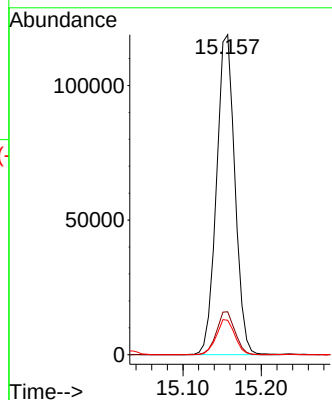
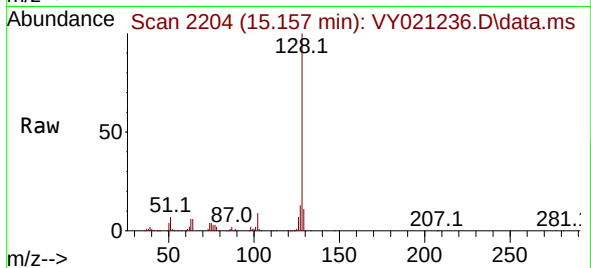
Tgt Ion:128 Resp: 194341

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.438 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021236.D

Acq: 19 Feb 2025 14:55

Tgt Ion:180 Resp: 94833

Ion Ratio Lower Upper

180 100

182 95.3 46.3 138.8

145 31.9 16.1 48.2

