

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021626.D
 Acq On : 24 Mar 2025 18:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 9.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 25 01:32:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	163433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	268187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	253043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	136745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90574	52.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.860%	
35) Dibromofluoromethane	7.634	113	88031	49.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.880%	
50) Toluene-d8	10.109	98	307947	46.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.280%	
62) 4-Bromofluorobenzene	12.408	95	115257	50.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	56035	37.363	ug/l	99
3) Chloromethane	2.068	50	93261	44.106	ug/l	98
4) Vinyl Chloride	2.202	62	105026	45.452	ug/l	100
5) Bromomethane	2.592	94	76882	46.036	ug/l	98
6) Chloroethane	2.732	64	77335	50.645	ug/l	97
7) Trichlorofluoromethane	3.056	101	148473	46.035	ug/l	100
8) Diethyl Ether	3.458	74	47995	53.698	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	82413	44.756	ug/l	100
10) Methyl Iodide	4.007	142	98796	52.782	ug/l	99
11) Tert butyl alcohol	4.866	59	29948	268.303	ug/l	96
12) 1,1-Dichloroethene	3.787	96	75903	45.212	ug/l	99
13) Acrolein	3.647	56	2754	31.345	ug/l	88
14) Allyl chloride	4.385	41	136001	50.129	ug/l	99
15) Acrylonitrile	5.055	53	111994	294.349	ug/l	99
16) Acetone	3.866	43	83497	221.619	ug/l	95
17) Carbon Disulfide	4.104	76	214691	40.806	ug/l	98
18) Methyl Acetate	4.385	43	68478	81.915	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	243575	57.243	ug/l	100
20) Methylene Chloride	4.610	84	105988	53.592	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	91766	48.808	ug/l	94
22) Diisopropyl ether	6.018	45	336797	57.603	ug/l	97
23) Vinyl Acetate	5.957	43	888551	266.285	ug/l	99
24) 1,1-Dichloroethane	5.915	63	183218	53.094	ug/l	99
25) 2-Butanone	6.890	43	139906	268.445	ug/l	100
26) 2,2-Dichloropropane	6.884	77	139613	43.971	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	113730	53.247	ug/l	98
28) Bromochloromethane	7.244	49	83007	57.376	ug/l	100
29) Tetrahydrofuran	7.256	42	94514	293.754	ug/l	98
30) Chloroform	7.421	83	197759	55.189	ug/l	99
31) Cyclohexane	7.701	56	129669	40.081	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	161653	49.270	ug/l	100
36) 1,1-Dichloropropene	7.835	75	120900	43.814	ug/l	99
37) Ethyl Acetate	6.988	43	64957	53.260	ug/l	99
38) Carbon Tetrachloride	7.817	117	145055	45.708	ug/l	99
39) Methylcyclohexane	9.109	83	134728	39.805	ug/l	97
40) Benzene	8.079	78	401329	49.373	ug/l	99

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 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	41431	62.388	ug/l	91
42) 1,2-Dichloroethane	8.152	62	121362	53.370	ug/l	100
43) Isopropyl Acetate	8.195	43	128400	54.233	ug/l #	87
44) Trichloroethene	8.865	130	99248	48.318	ug/l	92
45) 1,2-Dichloropropane	9.140	63	101851	52.647	ug/l	99
46) Dibromomethane	9.231	93	58333	54.191	ug/l	98
47) Bromodichloromethane	9.420	83	156991	54.918	ug/l	98
48) Methyl methacrylate	9.219	41	59817	55.020	ug/l	97
49) 1,4-Dioxane	9.231	88	13137	1243.387	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	353639	289.490	ug/l	99
52) Toluene	10.170	92	258374	50.417	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	135959	53.984	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	155892	52.135	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	78482	55.737	ug/l	98
56) Ethyl methacrylate	10.438	69	104502	58.193	ug/l	100
57) 1,3-Dichloropropane	10.719	76	135298	55.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	280732	338.646	ug/l	100
59) 2-Hexanone	10.761	43	232782	288.187	ug/l	99
60) Dibromochloromethane	10.914	129	107844	55.867	ug/l	100
61) 1,2-Dibromoethane	11.011	107	74501	56.061	ug/l	96
64) Tetrachloroethene	10.646	164	105243	51.147	ug/l	98
65) Chlorobenzene	11.444	112	288125	48.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	106927	50.613	ug/l	100
67) Ethyl Benzene	11.517	91	490206	46.739	ug/l	99
68) m/p-Xylenes	11.627	106	377420	94.785	ug/l	99
69) o-Xylene	11.956	106	182991	49.864	ug/l	98
70) Styrene	11.969	104	315518	51.826	ug/l	99
71) Bromoform	12.133	173	63541	53.803	ug/l #	100
73) Isopropylbenzene	12.255	105	470830	43.710	ug/l	100
74) N-amyl acetate	12.072	43	115042	49.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	90556	47.640	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	116827	84.783	ug/l #	100
77) Bromobenzene	12.529	156	118945	47.200	ug/l	99
78) n-propylbenzene	12.596	91	567606	43.388	ug/l	100
79) 2-Chlorotoluene	12.682	91	336822	45.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	396161	45.256	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	28049	46.274	ug/l	95
82) 4-Chlorotoluene	12.779	91	349868	45.168	ug/l	99
83) tert-Butylbenzene	12.999	119	349831	44.797	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	402912	46.357	ug/l	99
85) sec-Butylbenzene	13.176	105	504464	43.417	ug/l	99
86) p-Isopropyltoluene	13.291	119	427796	44.691	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	230698	45.990	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	228232	46.523	ug/l	99
89) n-Butylbenzene	13.615	91	388984	44.007	ug/l	99
90) Hexachloroethane	13.883	117	91318	44.718	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	207515	48.266	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14325	50.309	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	120226	51.196	ug/l	99
94) Hexachlorobutadiene	15.023	225	68605	46.605	ug/l	99
95) Naphthalene	15.145	128	222359	55.292	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	107888	54.625	ug/l	98

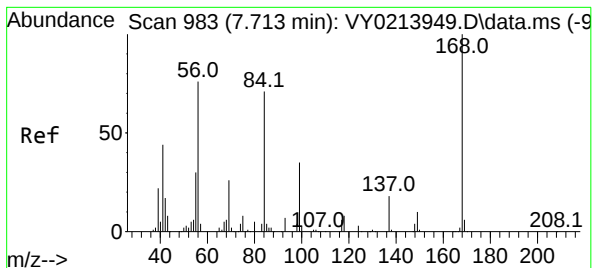
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

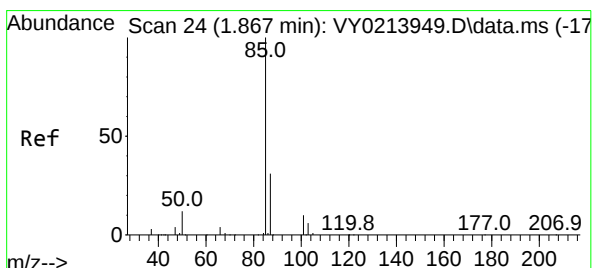
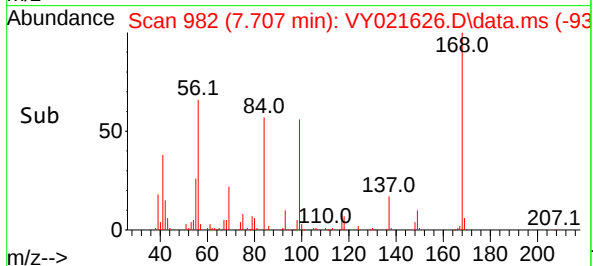
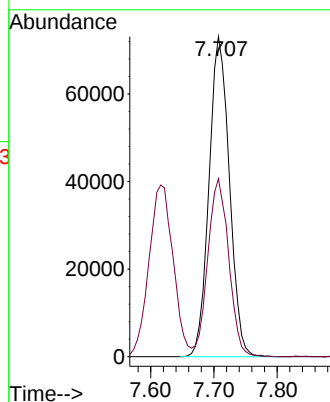
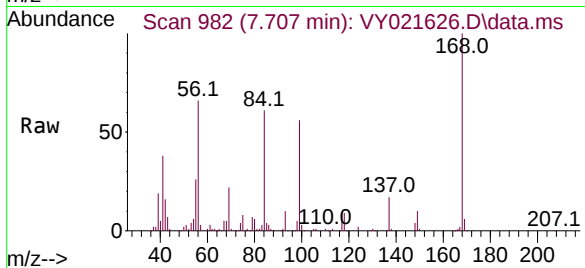
VSTDCCC050EC

Tgt Ion:168 Resp: 163433

Ion Ratio Lower Upper

168 100

99 55.6 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 37.363 ug/l

RT: 1.861 min Scan# 23

Delta R.T. -0.006 min

Lab File: VY021626.D

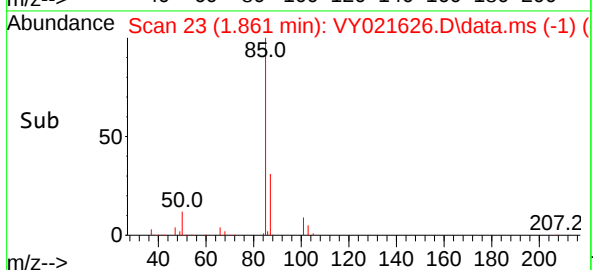
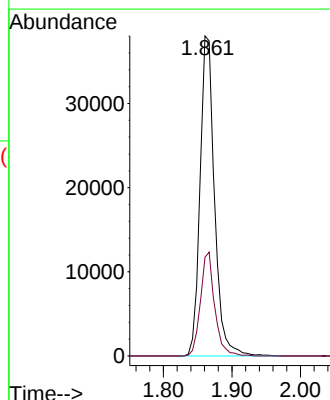
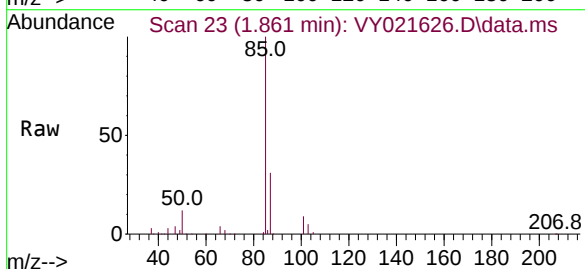
Acq: 24 Mar 2025 18:21

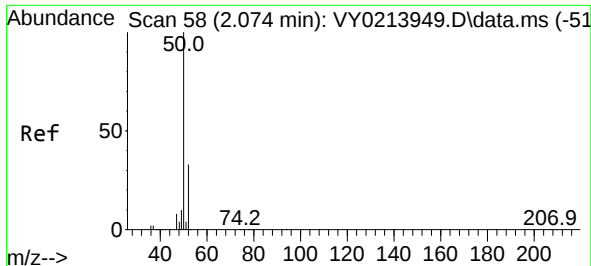
Tgt Ion: 85 Resp: 56035

Ion Ratio Lower Upper

85 100

87 30.9 15.7 47.0

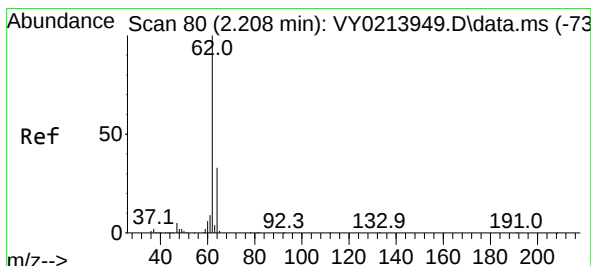
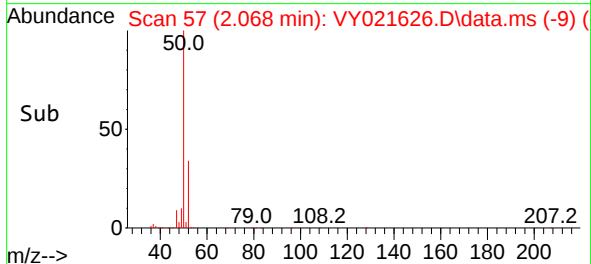
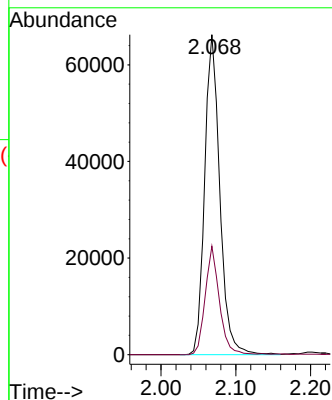
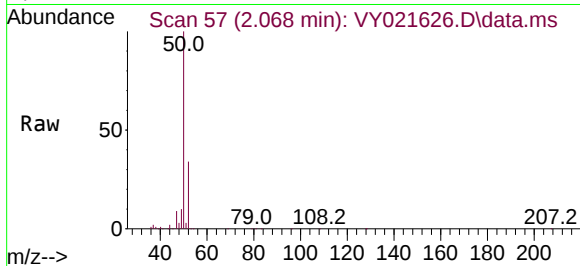




#3
Chloromethane
Concen: 44.106 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

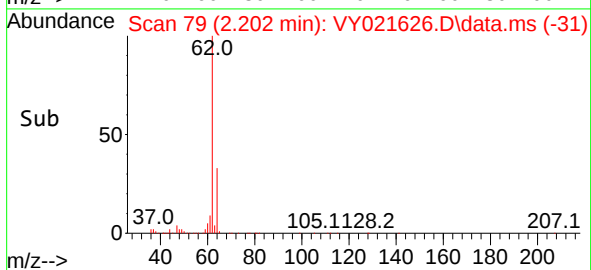
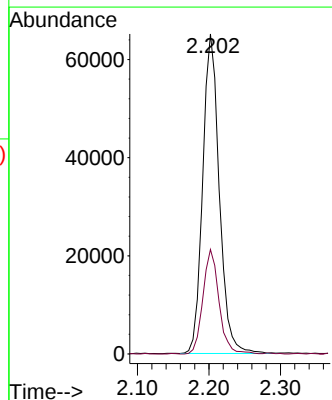
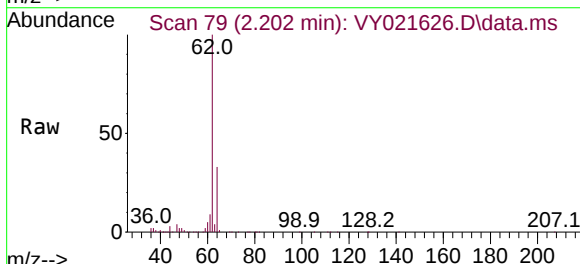
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

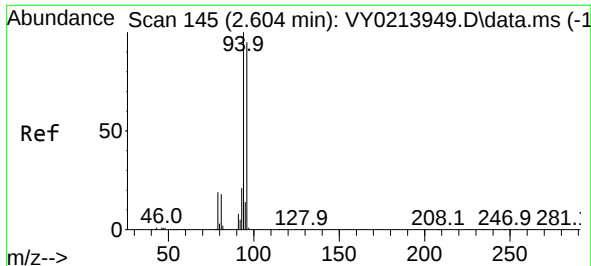
Tgt Ion: 50 Resp: 93261
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2



#4
Vinyl Chloride
Concen: 45.452 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 62 Resp: 105026
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2

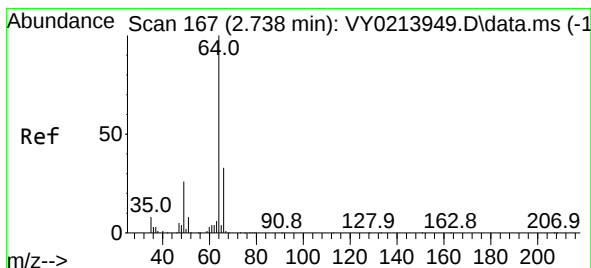
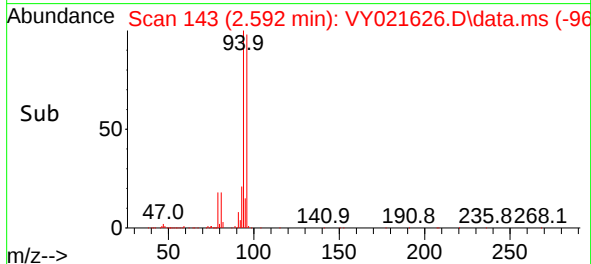
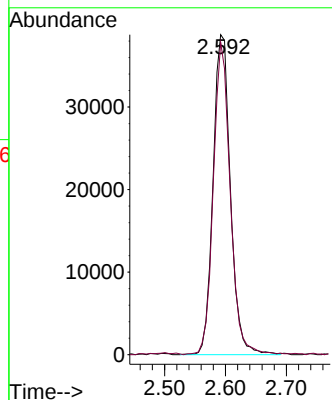
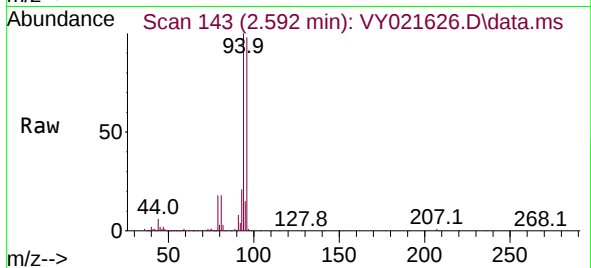




#5
Bromomethane
Concen: 46.036 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

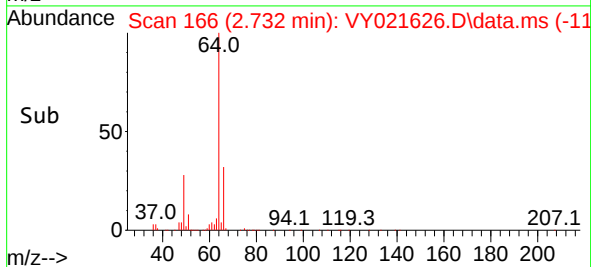
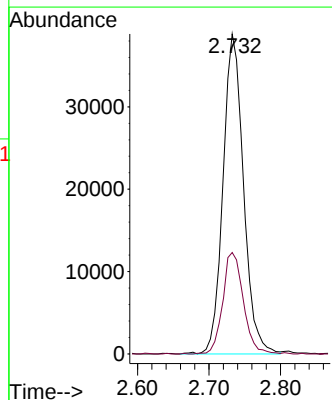
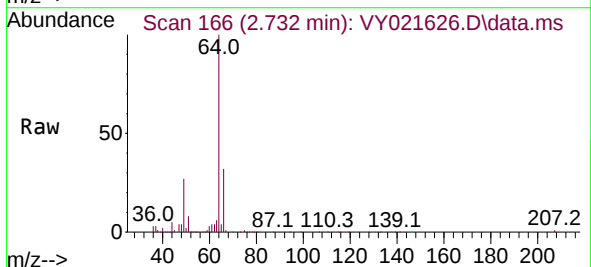
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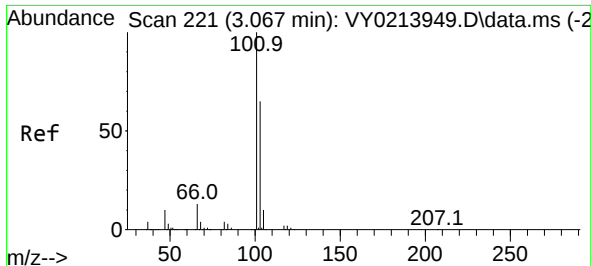
Tgt Ion: 94 Resp: 76882
Ion Ratio Lower Upper
94 100
96 97.3 76.3 114.5



#6
Chloroethane
Concen: 50.645 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 64 Resp: 77335
Ion Ratio Lower Upper
64 100
66 31.7 26.7 40.1

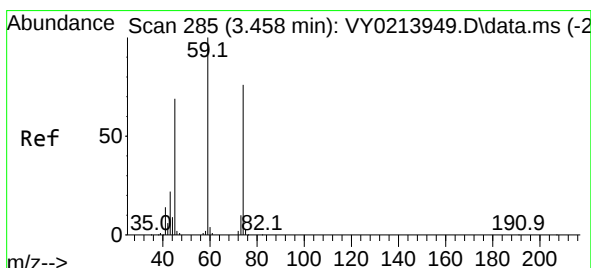
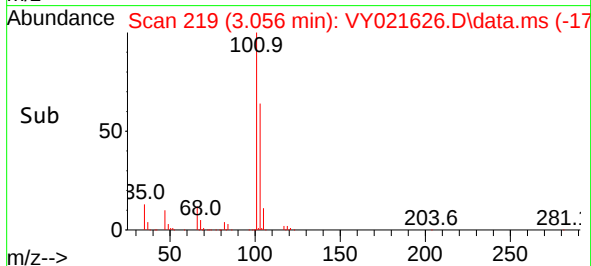
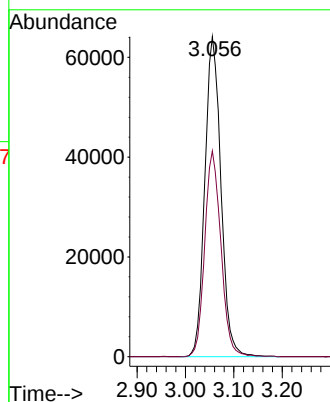
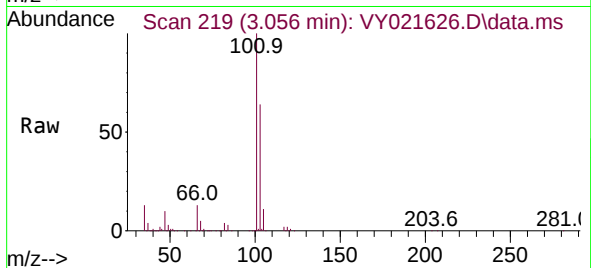




#7
 Trichlorofluoromethane
 Concen: 46.035 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

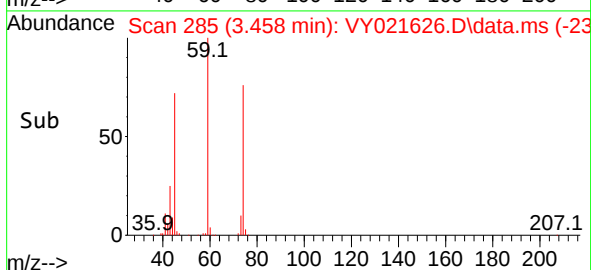
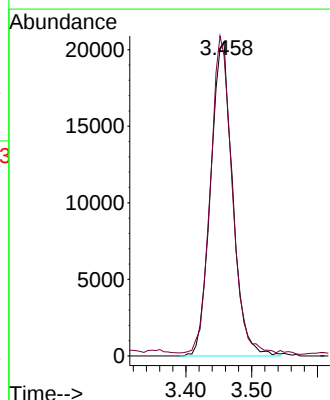
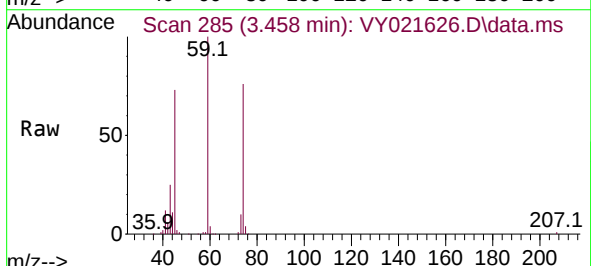
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

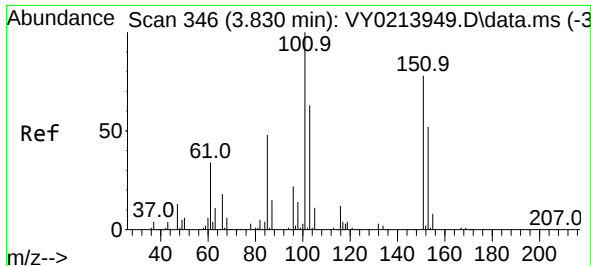
Tgt Ion:101 Resp: 148473
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.7 77.5



#8
 Diethyl Ether
 Concen: 53.698 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

Tgt Ion: 74 Resp: 47995
 Ion Ratio Lower Upper
 74 100
 45 98.2 49.7 149.1

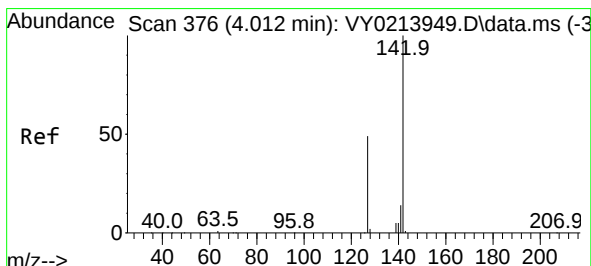
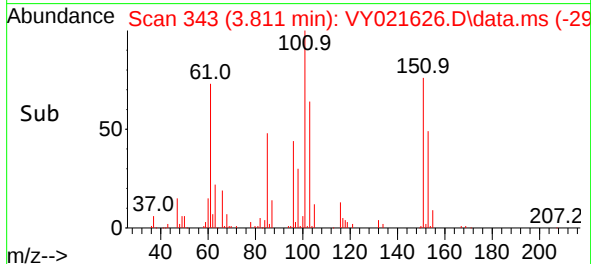
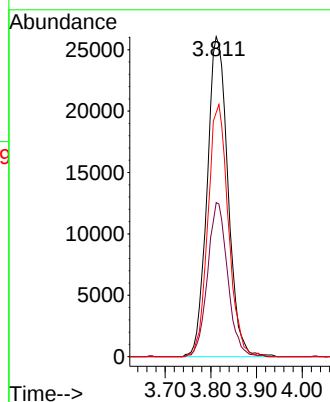
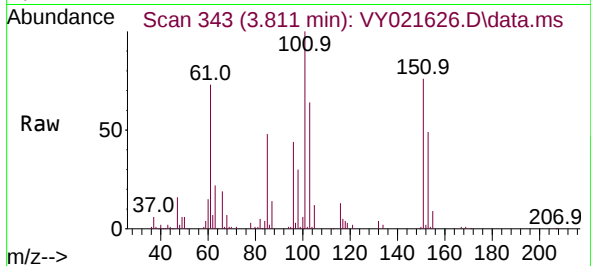




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.756 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.019 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

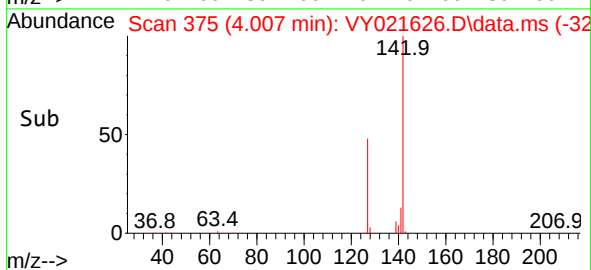
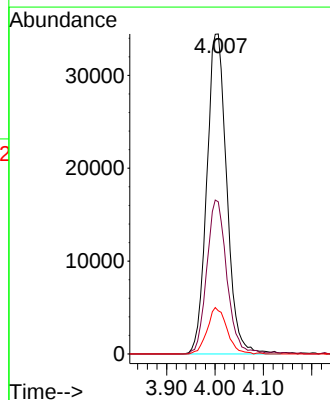
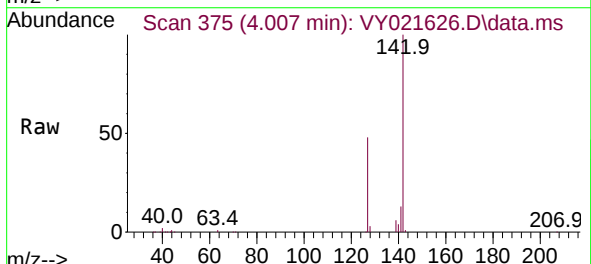
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

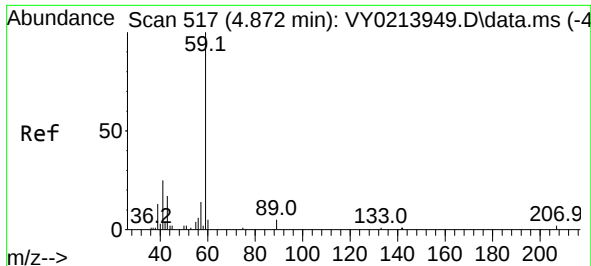
Tgt Ion:101 Resp: 82413
Ion Ratio Lower Upper
101 100
85 46.6 37.1 55.7
151 77.3 62.1 93.1



#10
Methyl Iodide
Concen: 52.782 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion:142 Resp: 98796
Ion Ratio Lower Upper
142 100
127 48.4 39.1 58.7
141 14.3 11.8 17.6

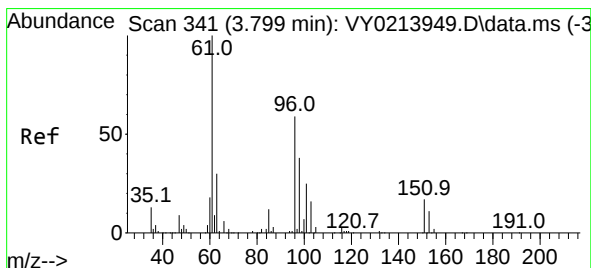
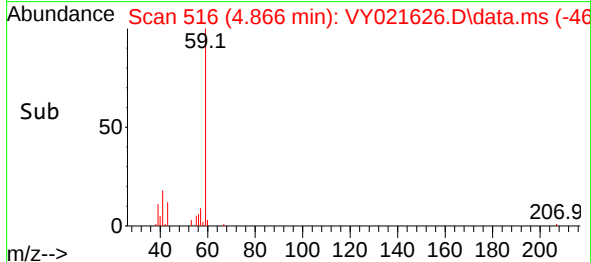
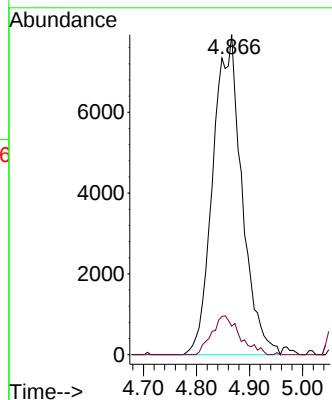
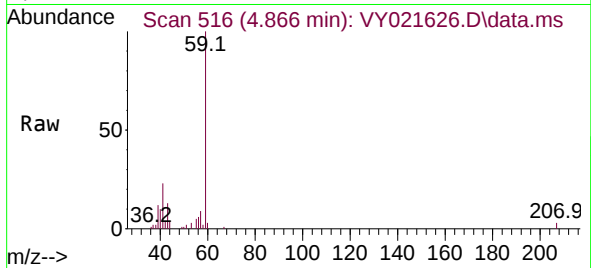




#11
Tert butyl alcohol
Concen: 268.303 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

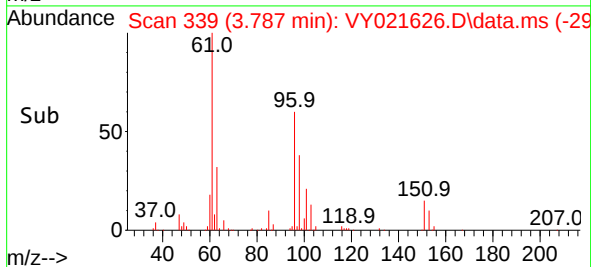
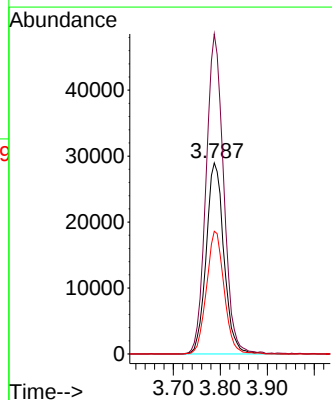
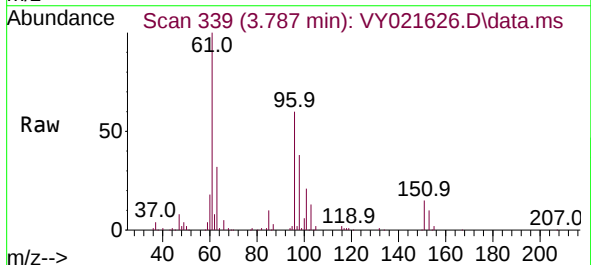
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

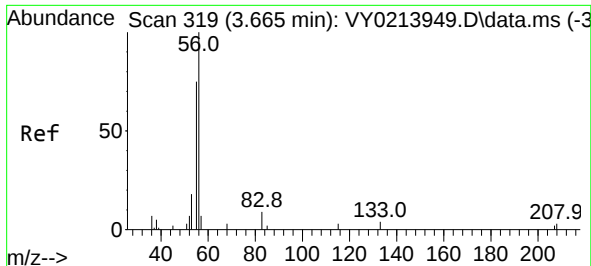
Tgt Ion: 59 Resp: 29948
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 45.212 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 96 Resp: 75903
Ion Ratio Lower Upper
96 100
61 167.5 135.2 202.8
98 64.2 51.4 77.2

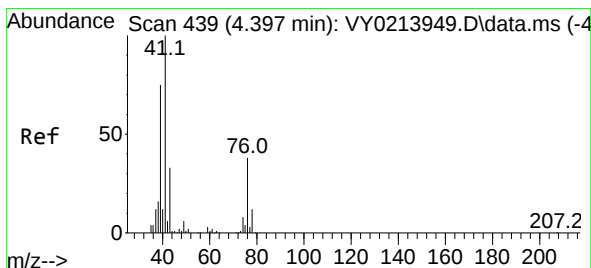
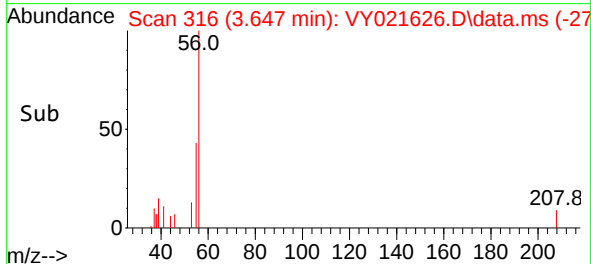
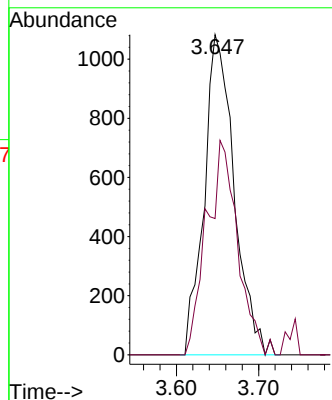
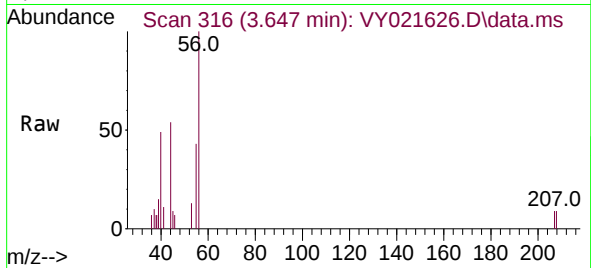




#13
Acrolein
Concen: 31.345 ug/l
RT: 3.647 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

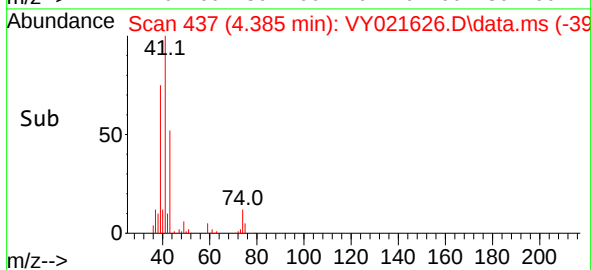
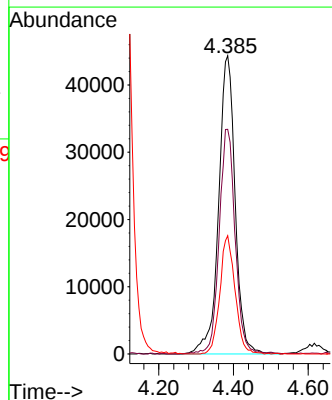
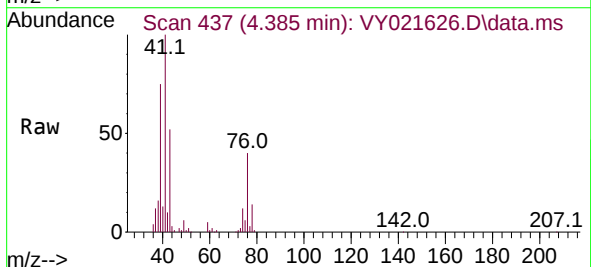
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

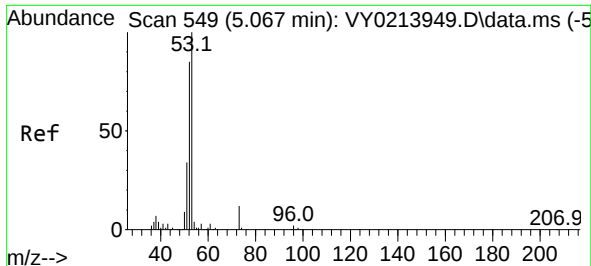
Tgt Ion: 56 Resp: 2754
Ion Ratio Lower Upper
56 100
55 69.2 63.4 95.2



#14
Allyl chloride
Concen: 50.129 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

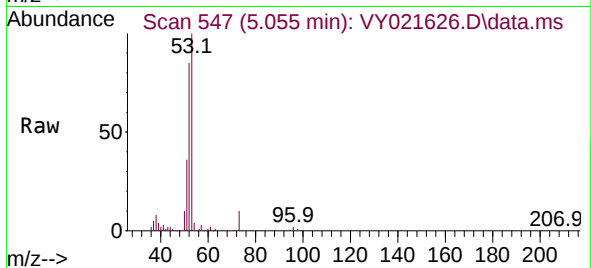
Tgt Ion: 41 Resp: 136001
Ion Ratio Lower Upper
41 100
39 73.0 59.3 88.9
76 36.5 29.8 44.8



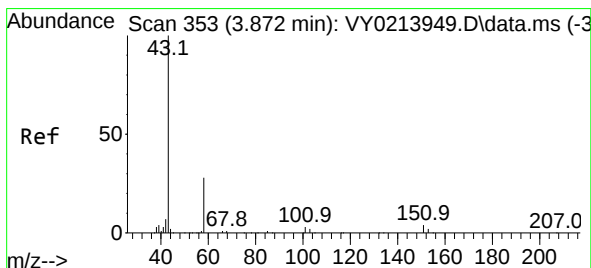
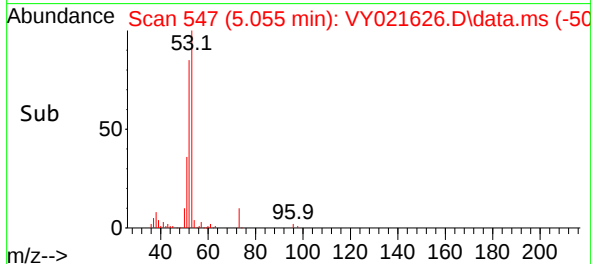
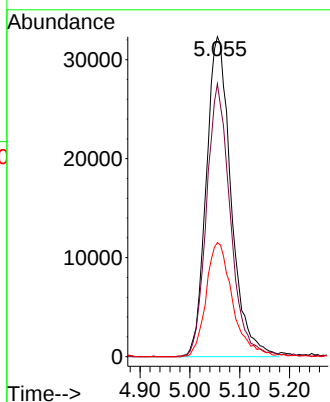


#15
Acrylonitrile
Concen: 294.349 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

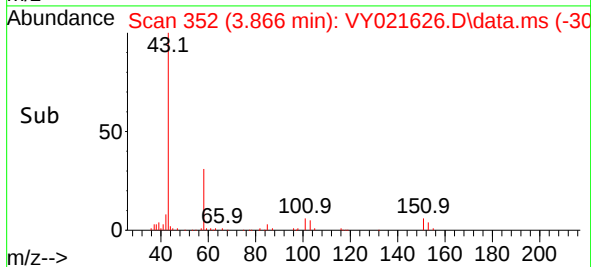
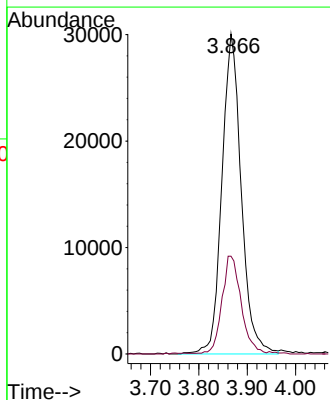
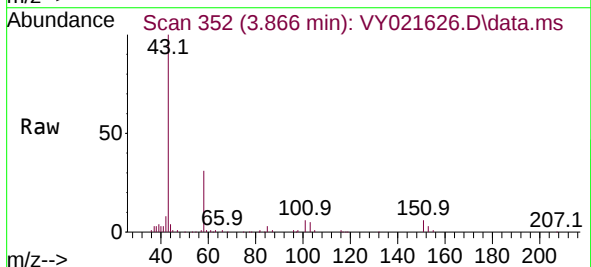


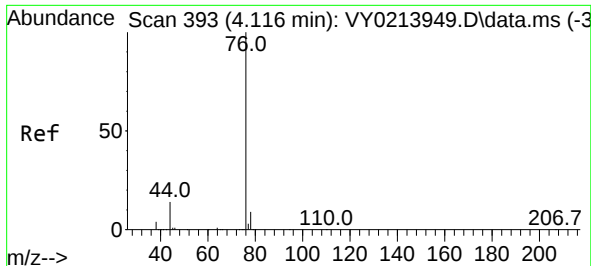
Tgt Ion: 53 Resp: 111994
Ion Ratio Lower Upper
53 100
52 81.9 66.3 99.5
51 37.9 30.3 45.5



#16
Acetone
Concen: 221.619 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 43 Resp: 83497
Ion Ratio Lower Upper
43 100
58 30.4 22.1 33.1

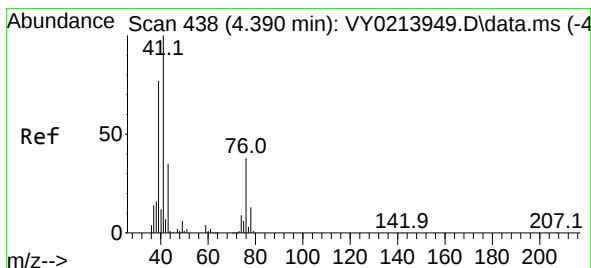
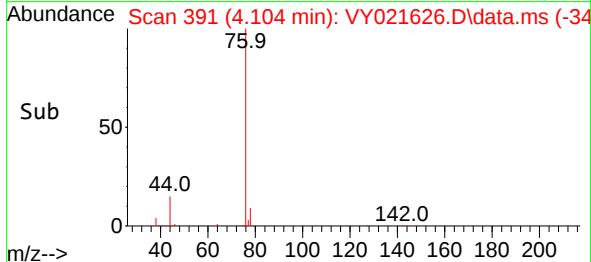
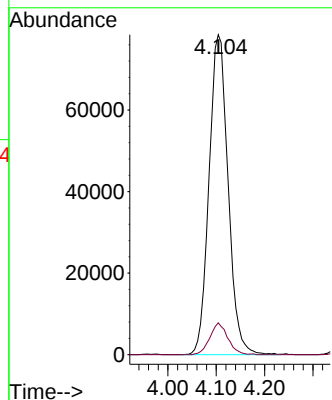
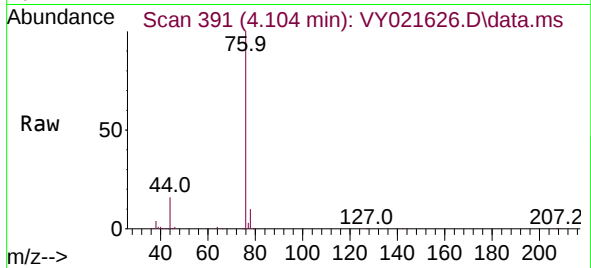




#17
Carbon Disulfide
Concen: 40.806 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

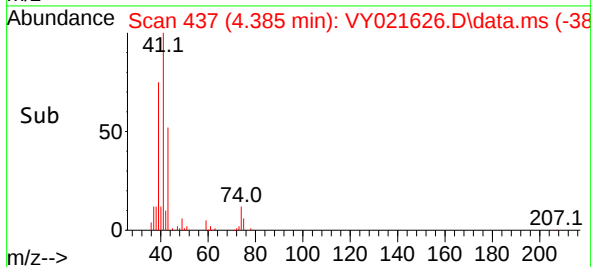
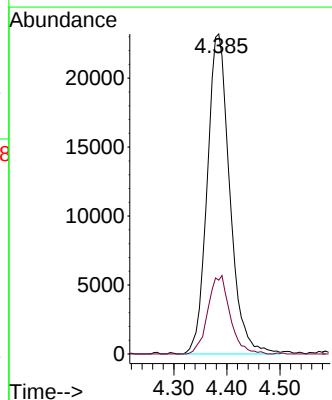
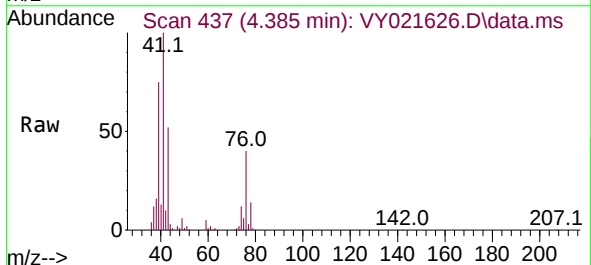
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

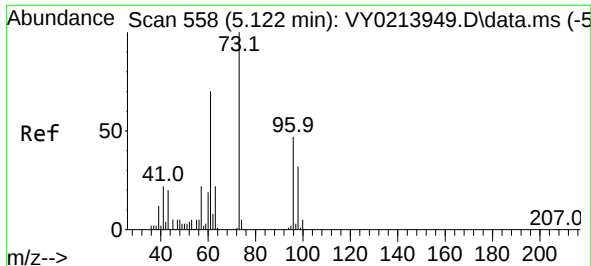
Tgt Ion: 76 Resp: 214691
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 81.915 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 43 Resp: 68478
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 57.243 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

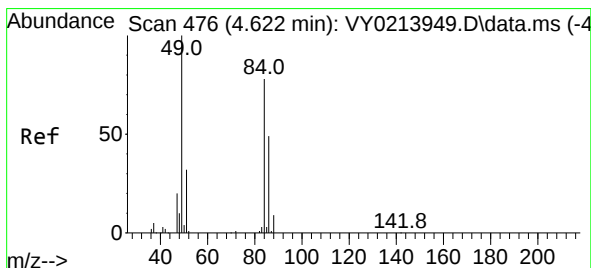
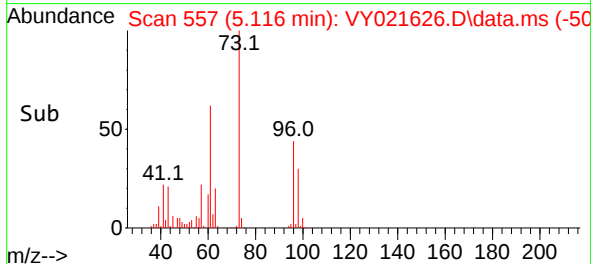
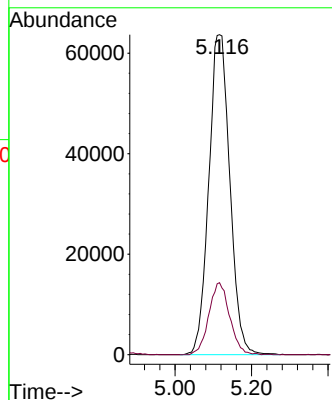
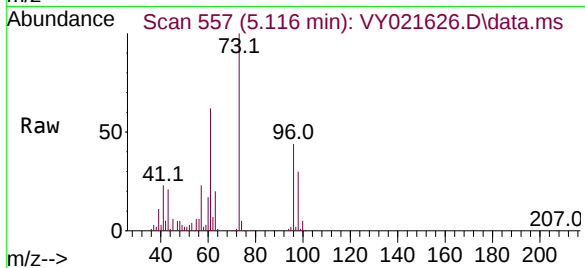
VSTDCCC050EC

Tgt Ion: 73 Resp: 243575

Ion Ratio Lower Upper

73 100

57 22.5 17.9 26.9



#20

Methylene Chloride

Concen: 53.592 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Tgt Ion: 84 Resp: 105988

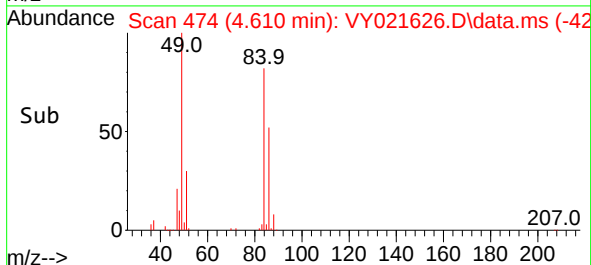
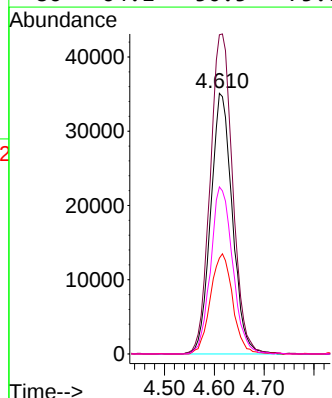
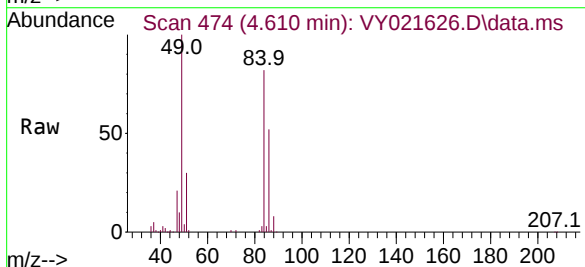
Ion Ratio Lower Upper

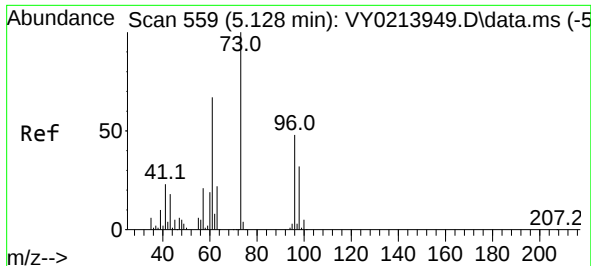
84 100

49 122.4 102.0 153.0

51 36.7 33.0 49.6

86 64.1 50.5 75.7

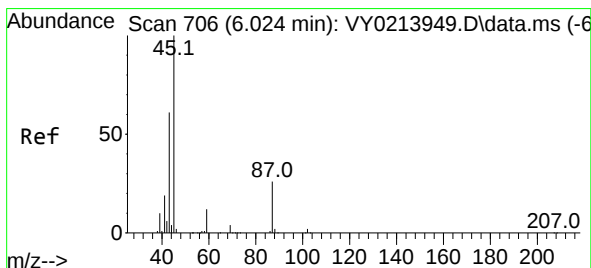
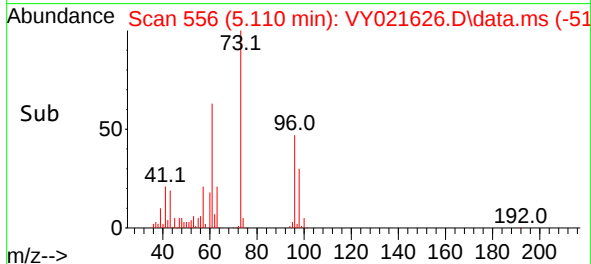
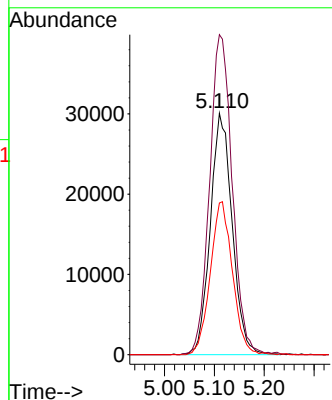
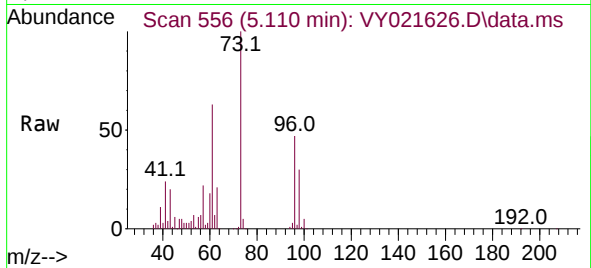




#21
trans-1,2-Dichloroethene
Concen: 48.808 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

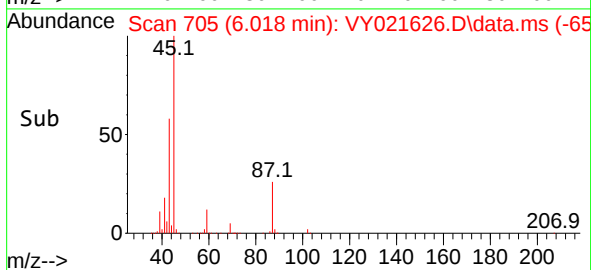
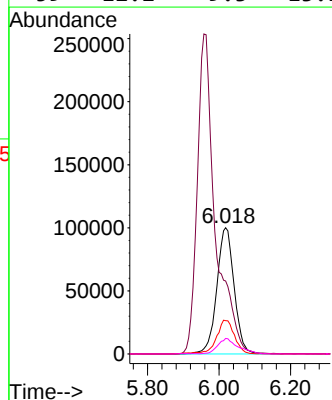
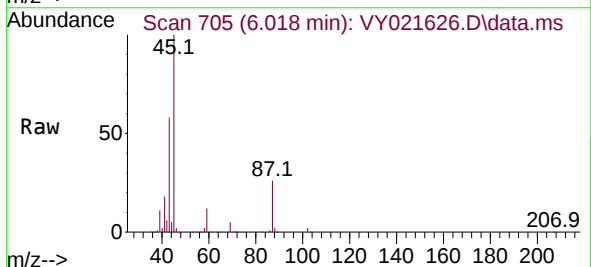
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

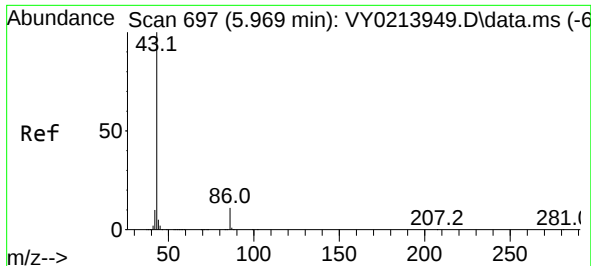
Tgt Ion: 96 Resp: 91766
Ion Ratio Lower Upper
96 100
61 132.6 111.5 167.3
98 62.8 53.8 80.8



#22
Diisopropyl ether
Concen: 57.603 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 45 Resp: 336797
Ion Ratio Lower Upper
45 100
43 57.5 48.7 73.1
87 26.4 21.5 32.3
59 12.2 9.3 13.9

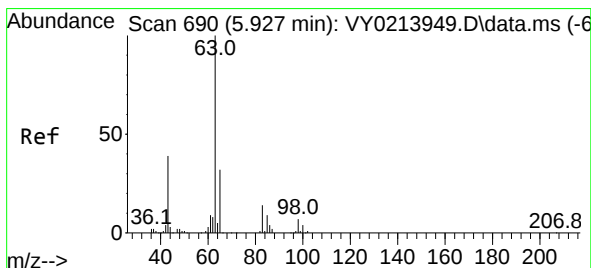
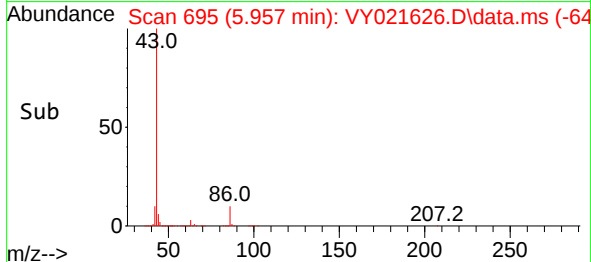
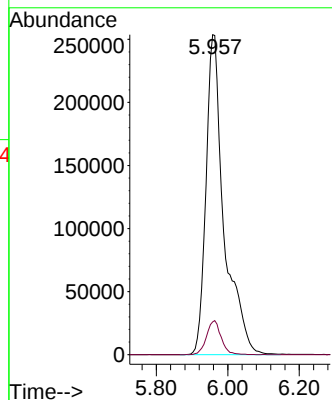
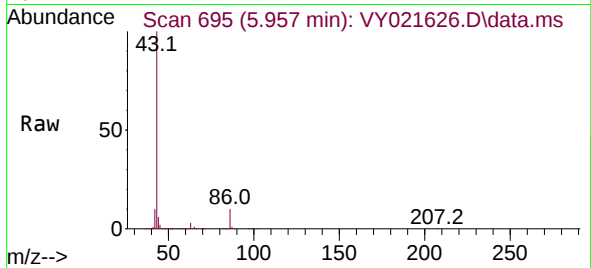




#23
 Vinyl Acetate
 Concen: 266.285 ug/l
 RT: 5.957 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

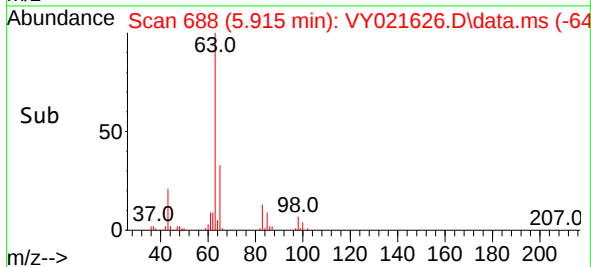
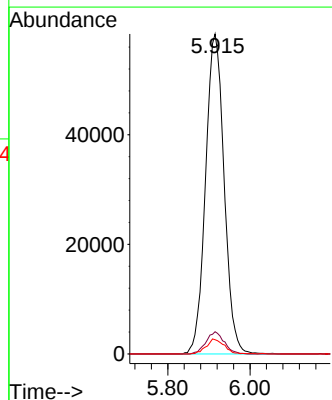
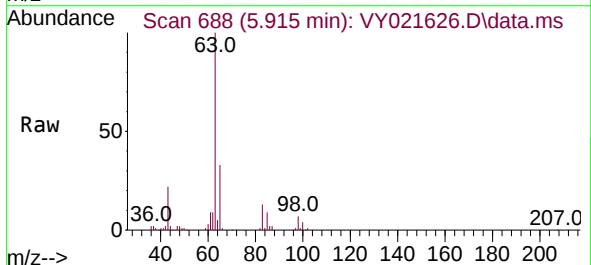
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

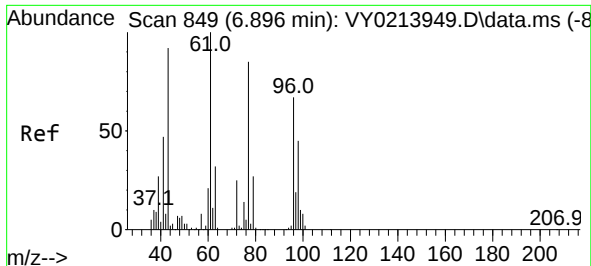
Tgt Ion: 43 Resp: 888551
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 53.094 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

Tgt Ion: 63 Resp: 183218
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.5 2.1 6.5

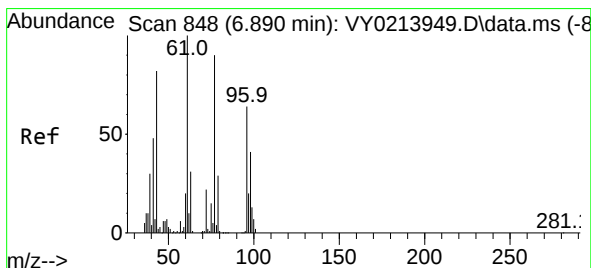
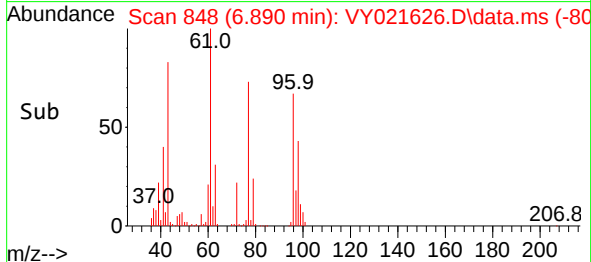
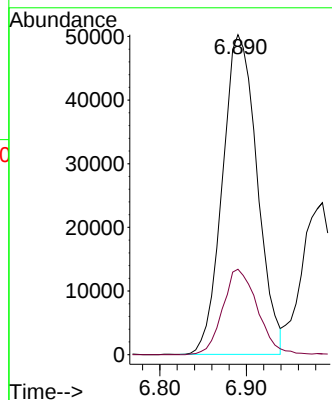
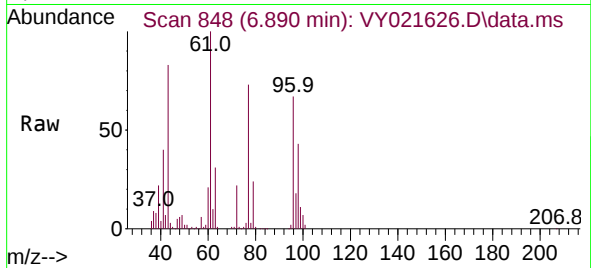




#25
2-Butanone
Concen: 268.445 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

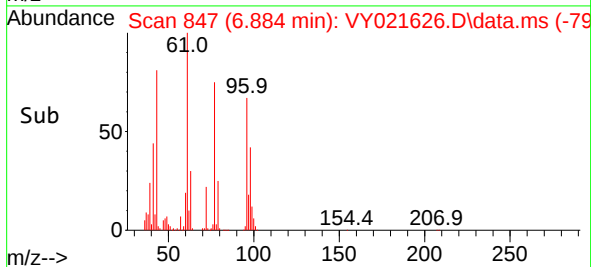
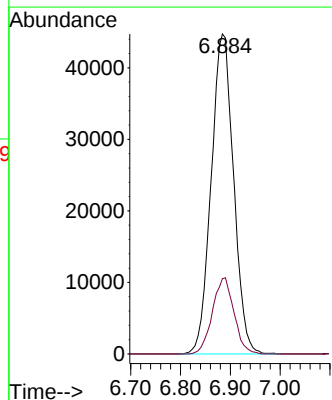
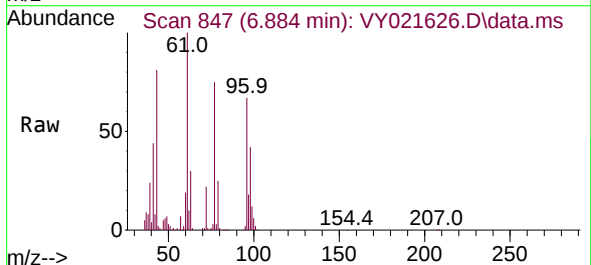
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

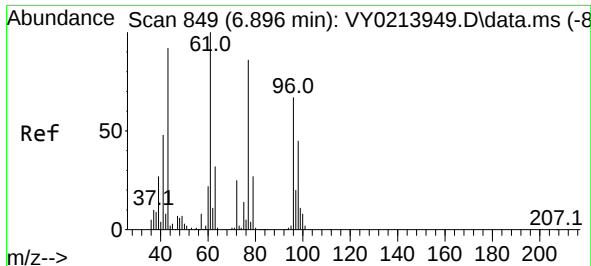
Tgt Ion: 43 Resp: 139906
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.0



#26
2,2-Dichloropropane
Concen: 43.971 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 77 Resp: 139613
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8

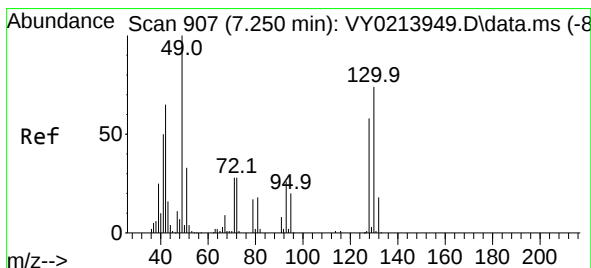
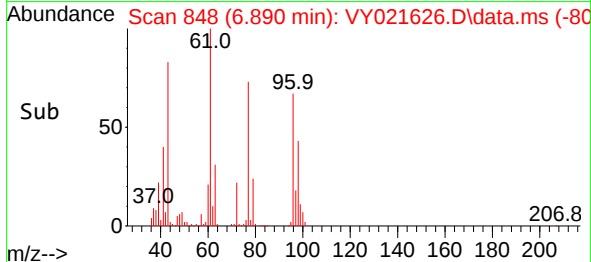
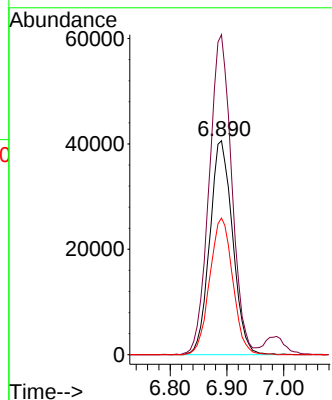
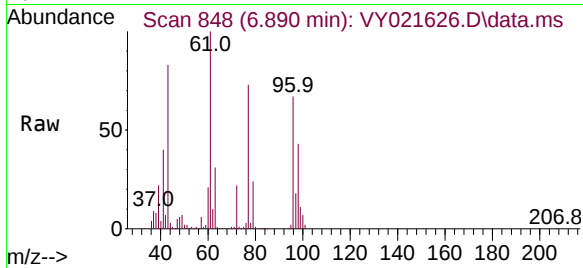




#27
 cis-1,2-Dichloroethene
 Concen: 53.247 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

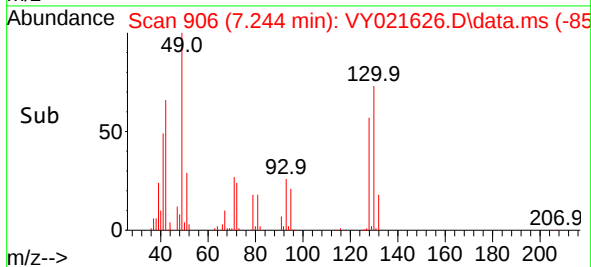
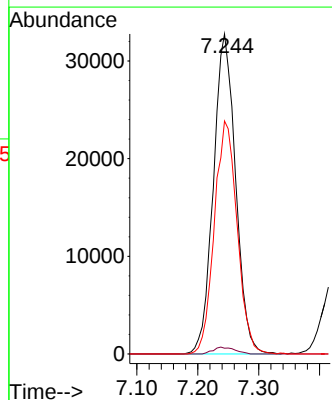
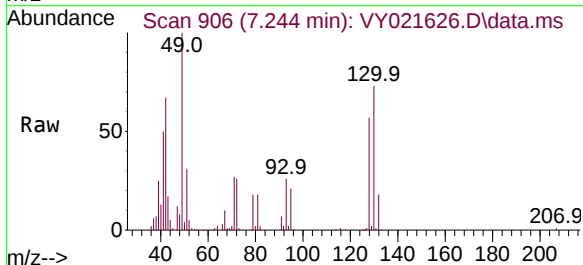
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

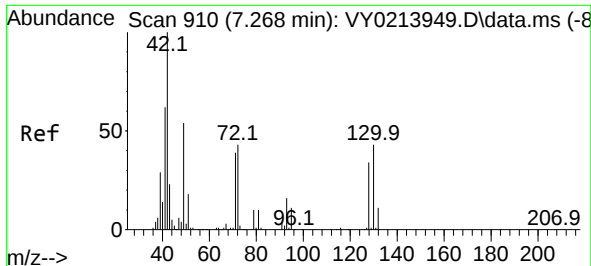
Tgt Ion: 96 Resp: 113730
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 300.8
 98 64.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 57.376 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

Tgt Ion: 49 Resp: 83007
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 74.7 59.6 89.4





#29

Tetrahydrofuran

Concen: 293.754 ug/l

RT: 7.256 min Scan# 90

Delta R.T. -0.012 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

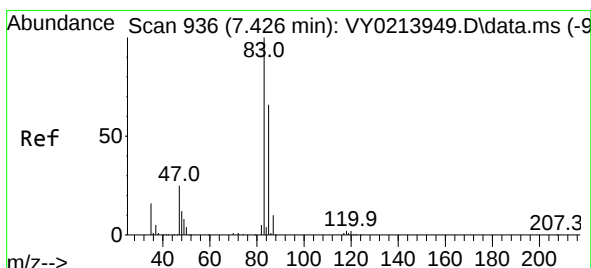
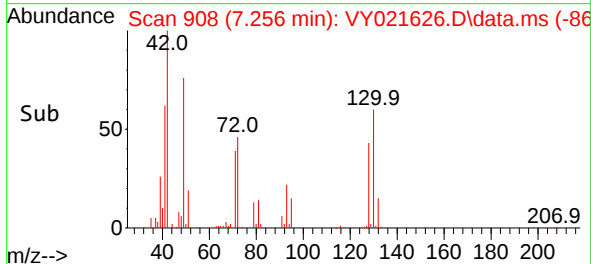
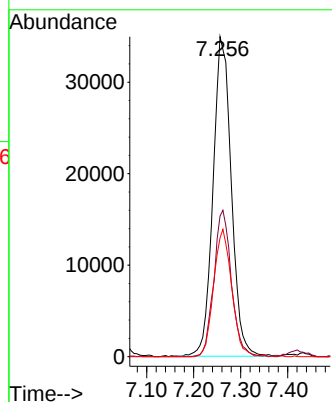
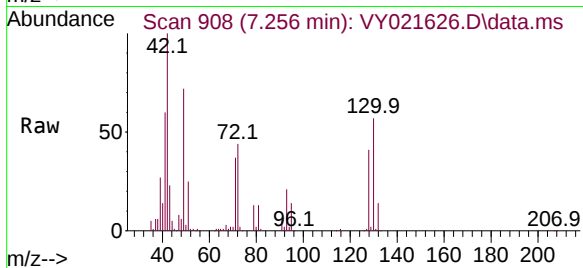
Tgt Ion: 42 Resp: 94514

Ion Ratio Lower Upper

42 100

72 44.1 34.8 52.2

71 39.3 32.6 48.8



#30

Chloroform

Concen: 55.189 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY021626.D

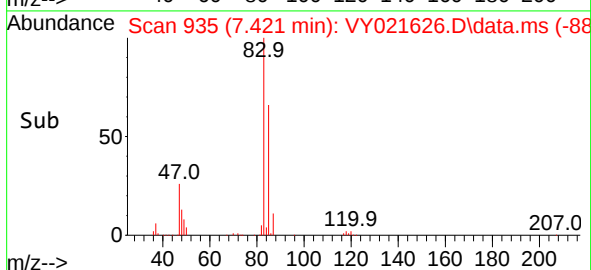
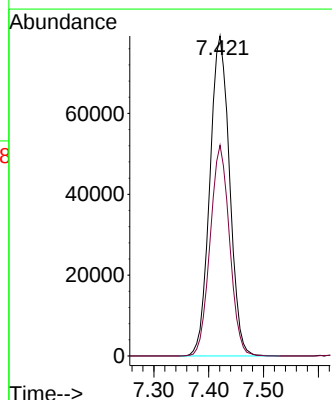
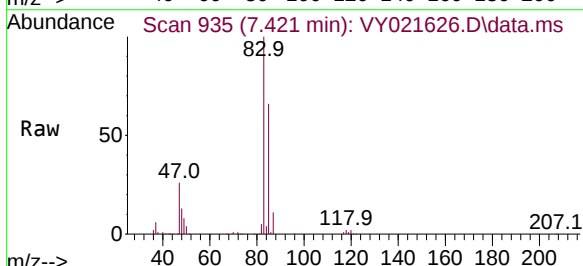
Acq: 24 Mar 2025 18:21

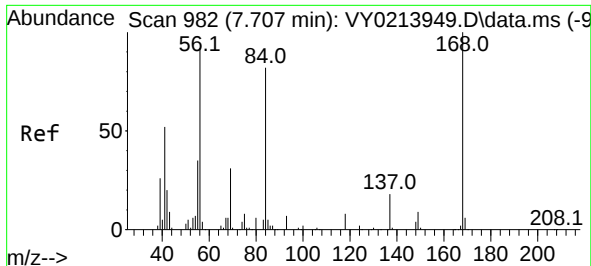
Tgt Ion: 83 Resp: 197759

Ion Ratio Lower Upper

83 100

85 65.9 53.1 79.7

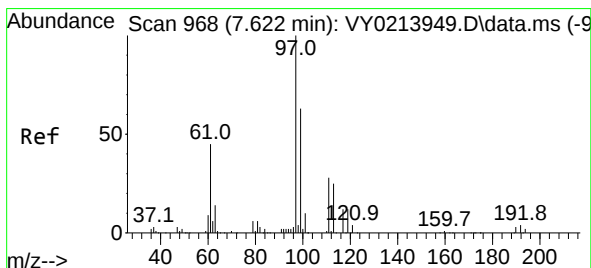
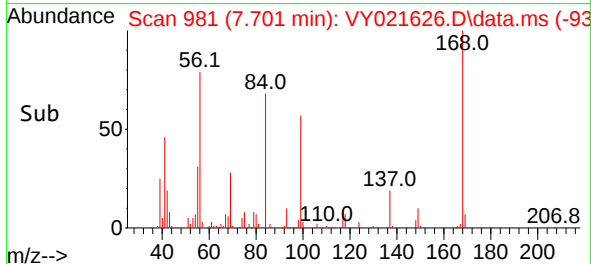
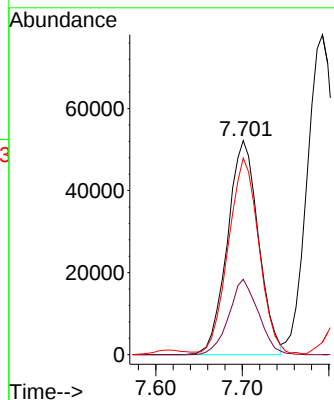
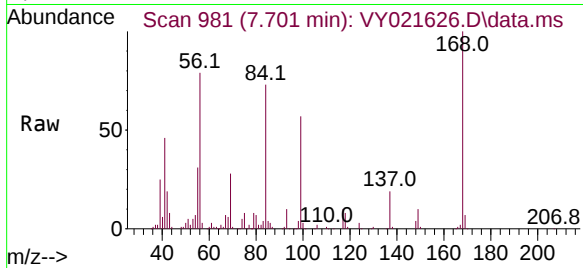




#31
Cyclohexane
Concen: 40.081 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

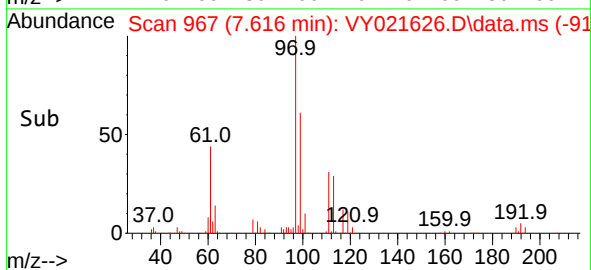
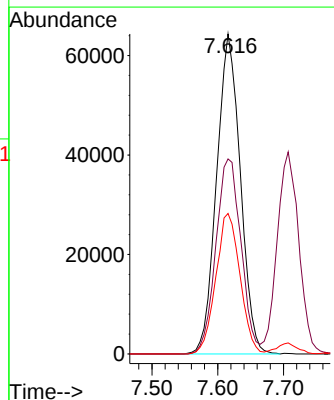
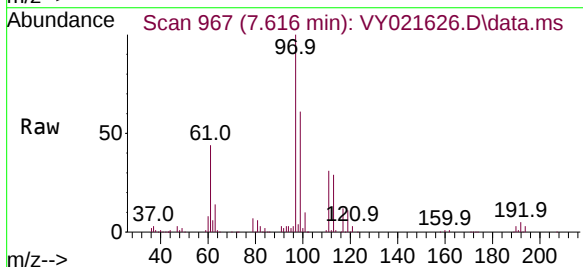
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

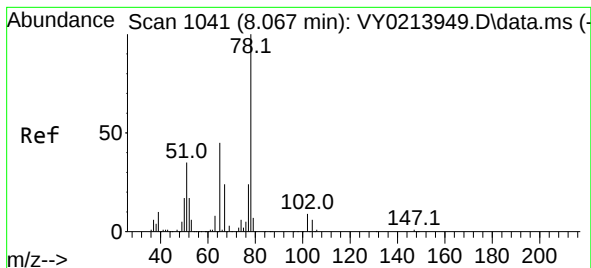
Tgt Ion: 56 Resp: 129669
Ion Ratio Lower Upper
56 100
69 35.2 27.0 40.4
84 90.3 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 49.270 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 97 Resp: 161653
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 44.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 52.434 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

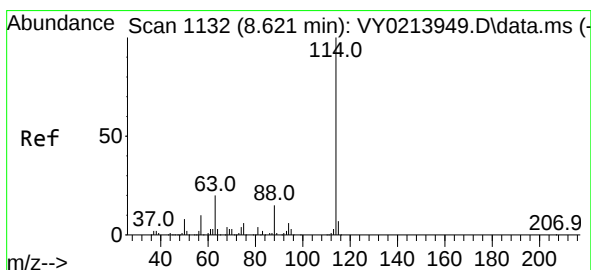
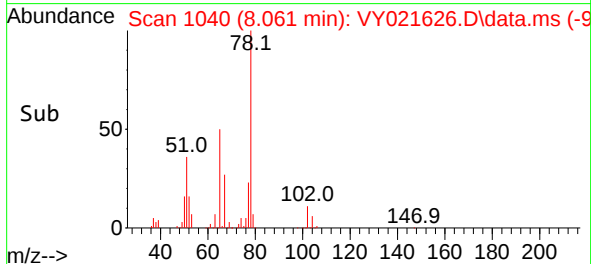
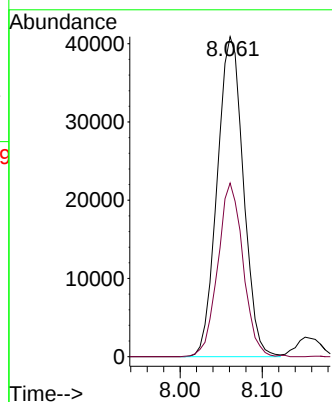
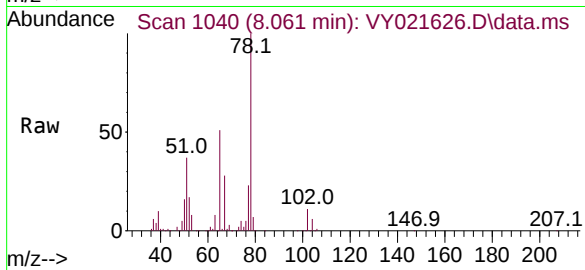
VSTDCCC050EC

Tgt Ion: 65 Resp: 90574

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

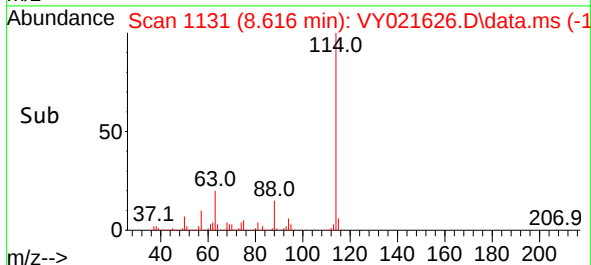
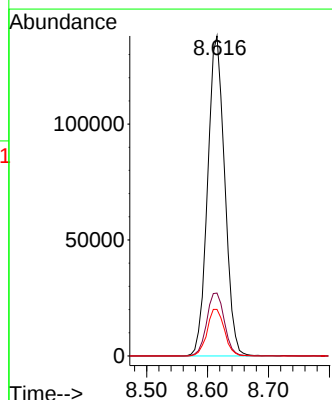
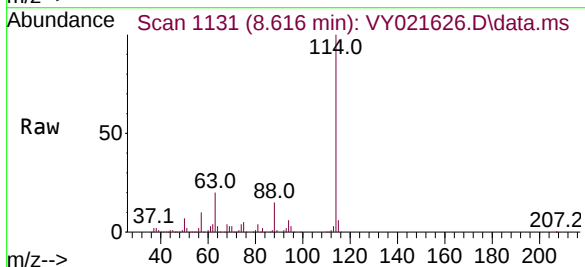
Tgt Ion: 114 Resp: 268187

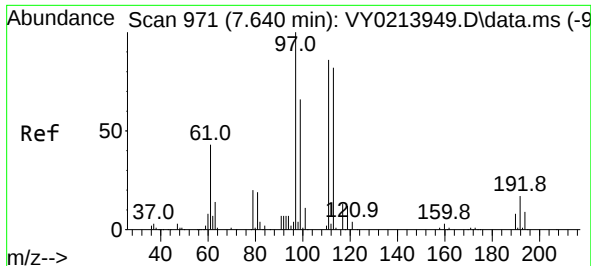
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 14.6 0.0 30.8

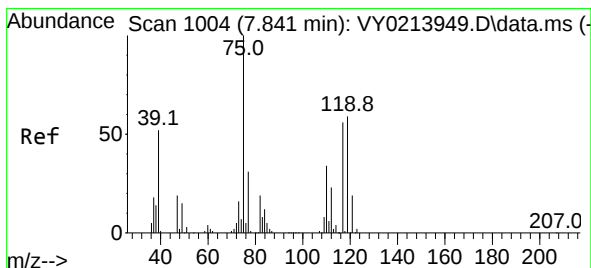
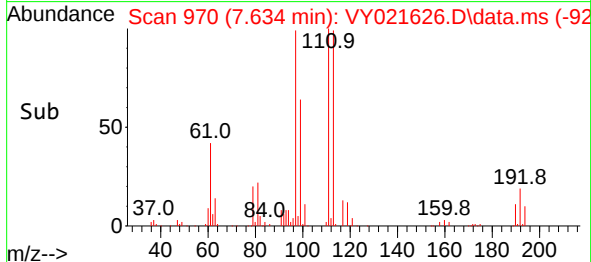
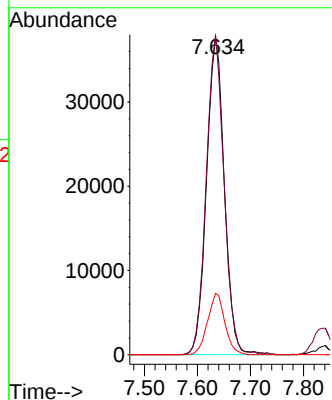
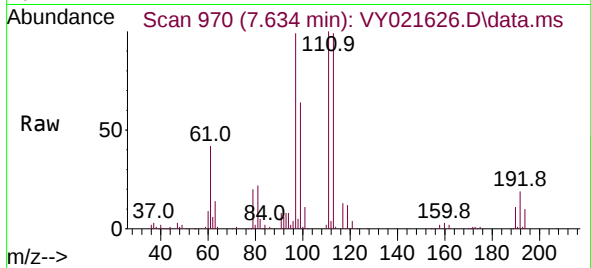




#35
Dibromofluoromethane
Concen: 49.937 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

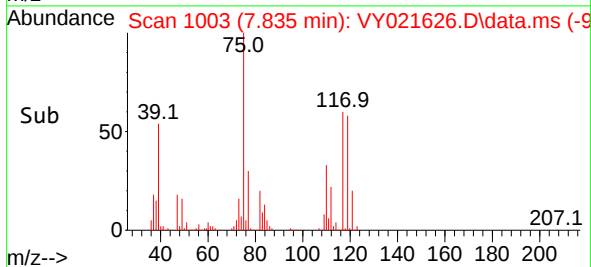
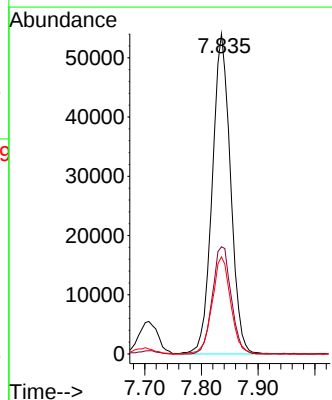
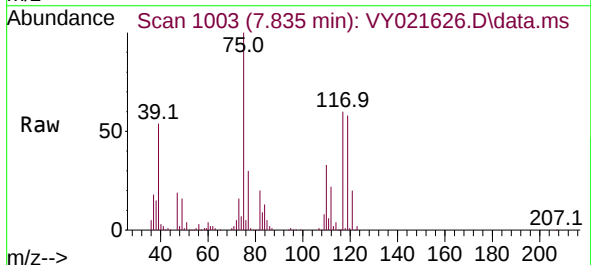
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

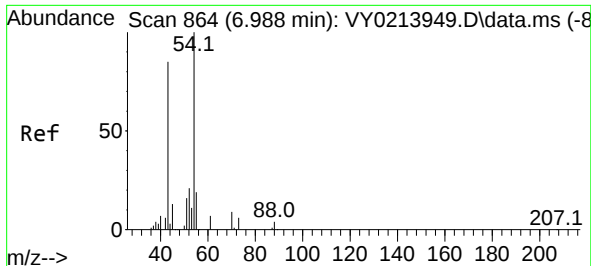
Tgt Ion:113 Resp: 88031
Ion Ratio Lower Upper
113 100
111 100.7 82.0 123.0
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 43.814 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 75 Resp: 120900
Ion Ratio Lower Upper
75 100
110 34.4 17.3 51.7
77 30.7 25.4 38.2





#37

Ethyl Acetate

Concen: 53.260 ug/l

RT: 6.988 min Scan# 81

Delta R.T. 0.000 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

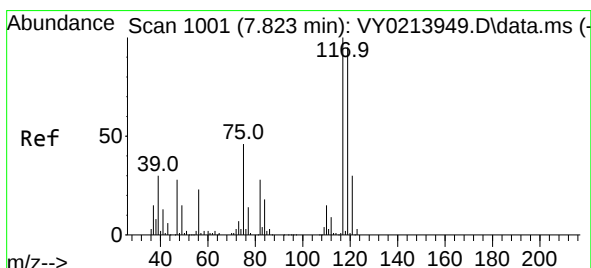
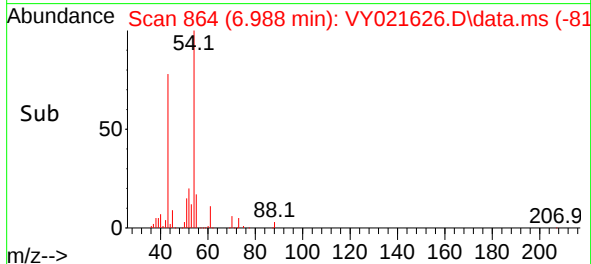
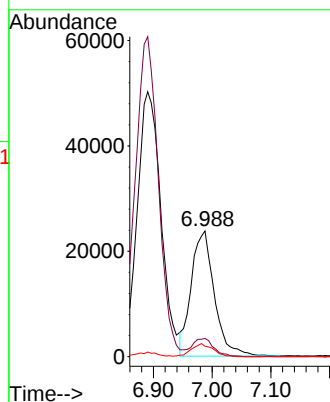
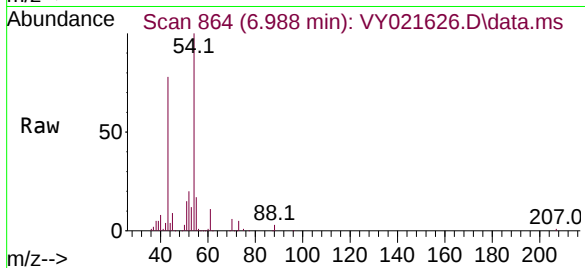
Tgt Ion: 43 Resp: 64957

Ion Ratio Lower Upper

43 100

61 13.9 11.4 17.0

70 9.7 8.2 12.2



#38

Carbon Tetrachloride

Concen: 45.708 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

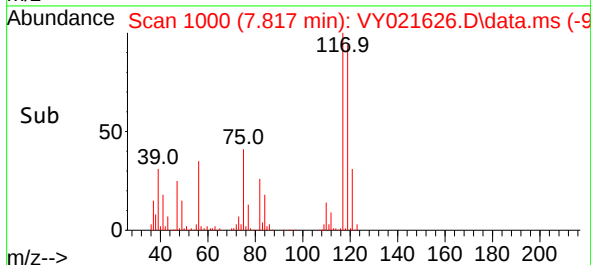
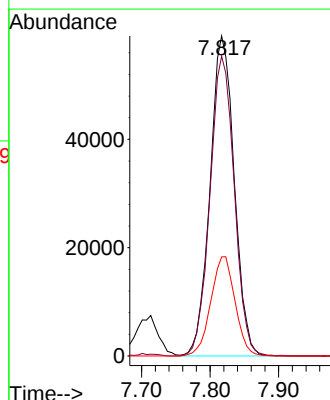
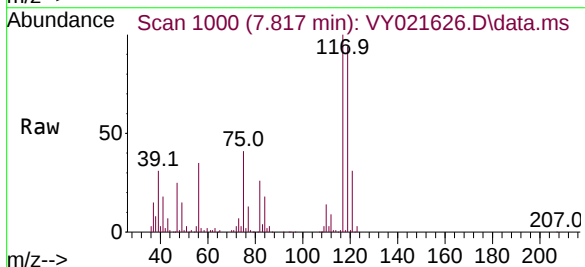
Tgt Ion: 117 Resp: 145055

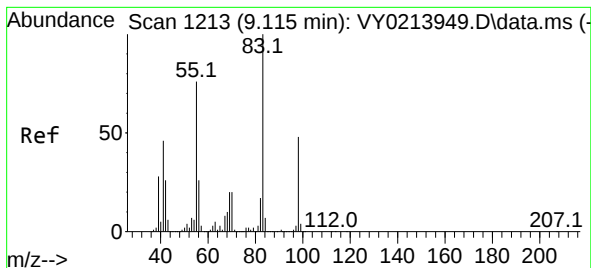
Ion Ratio Lower Upper

117 100

119 93.7 75.8 113.8

121 31.0 23.9 35.9

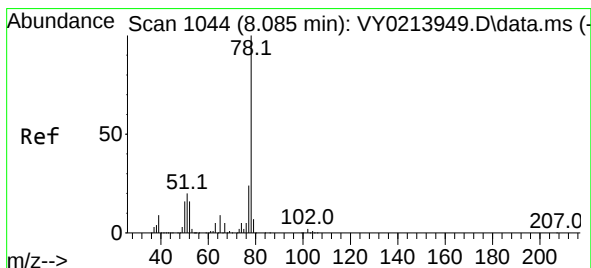
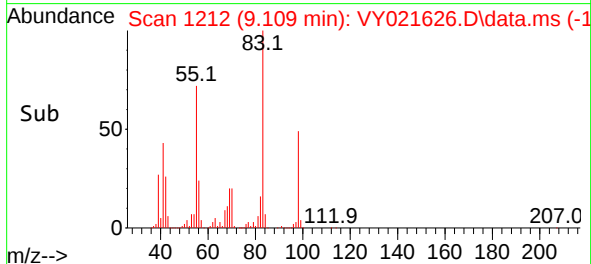
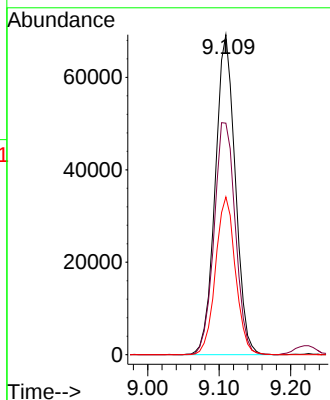
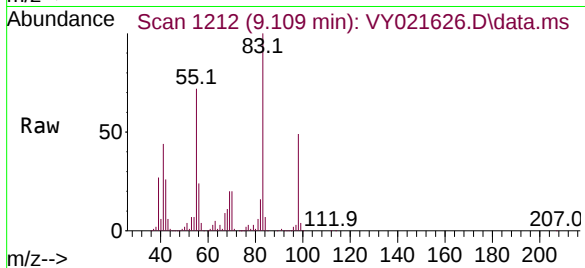




#39
Methylcyclohexane
Concen: 39.805 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

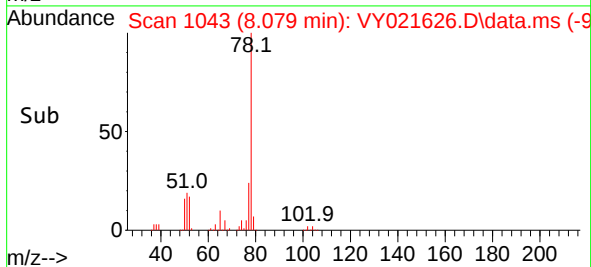
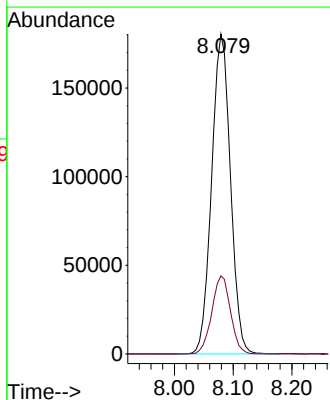
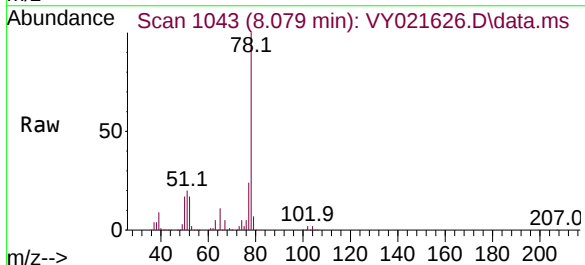
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

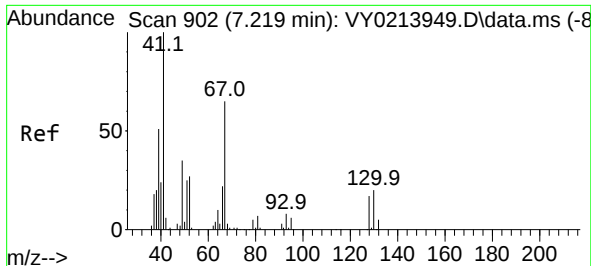
Tgt Ion: 83 Resp: 134728
Ion Ratio Lower Upper
83 100
55 72.4 60.7 91.1
98 49.3 38.6 57.8



#40
Benzene
Concen: 49.373 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 78 Resp: 401329
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

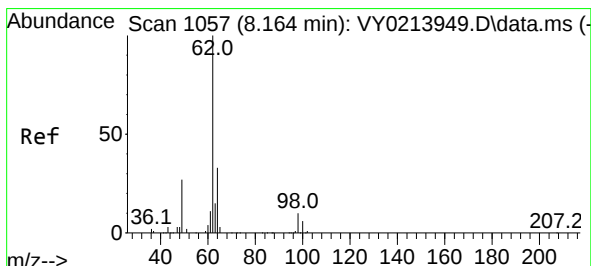
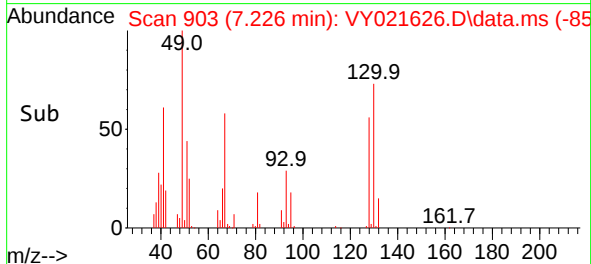
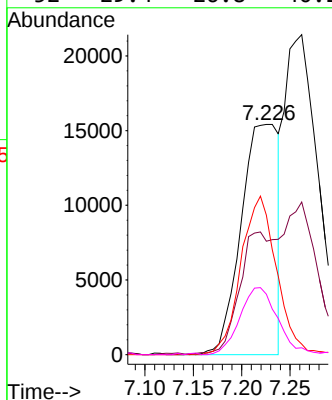
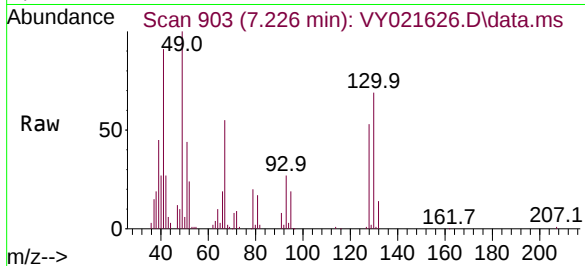




#41
Methacrylonitrile
Concen: 62.388 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

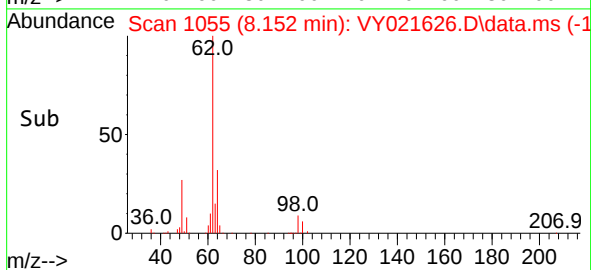
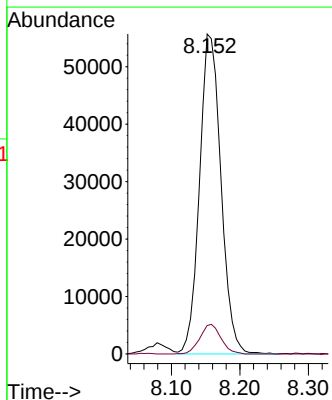
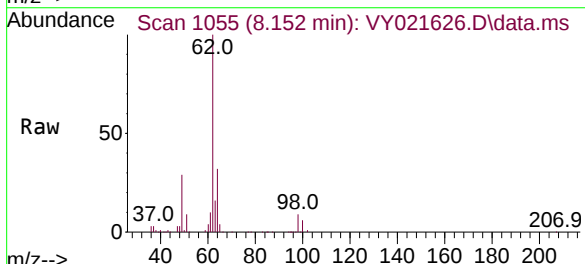
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

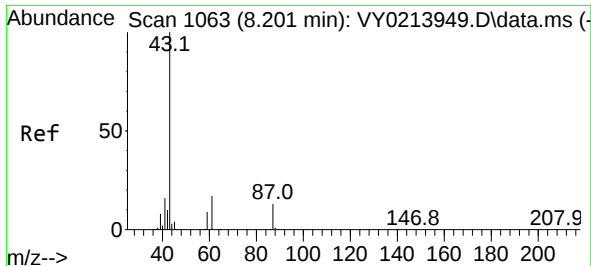
Tgt Ion:	41	Resp:	41431
Ion	Ratio	Lower	Upper
41	100		
39	46.4	35.0	52.6
67	66.3	61.2	91.8
52	29.4	26.8	40.2



#42
1,2-Dichloroethane
Concen: 53.370 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion:	62	Resp:	121362
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

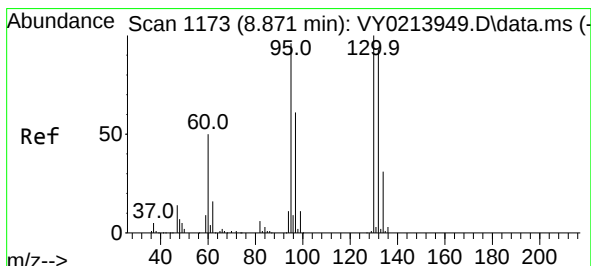
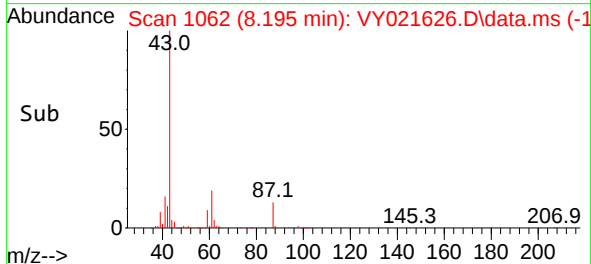
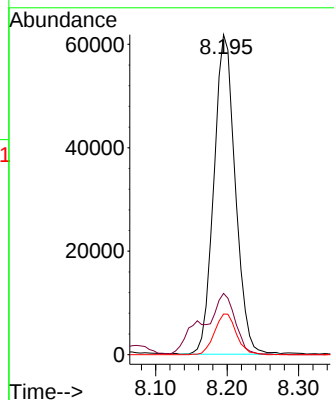
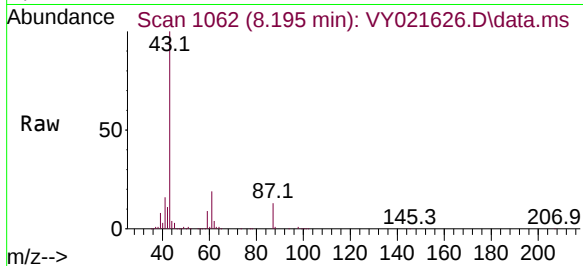




#43
Isopropyl Acetate
Concen: 54.233 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

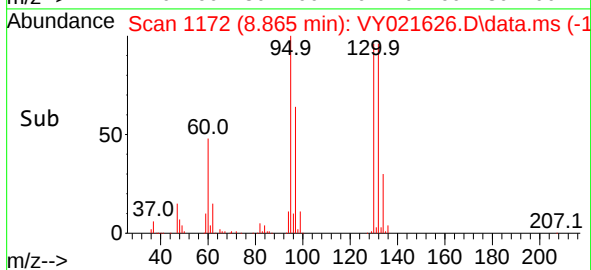
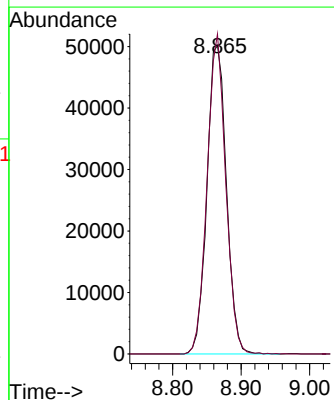
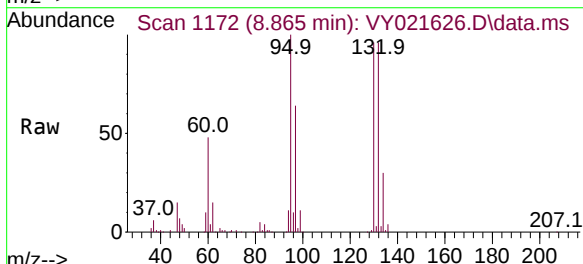
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

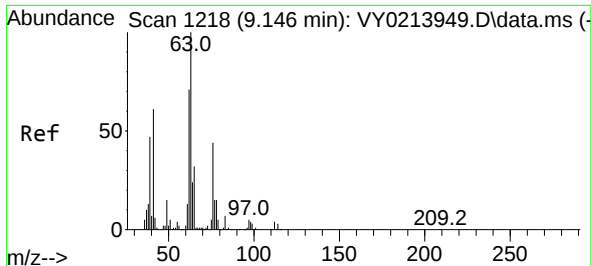
Tgt Ion: 43 Resp: 128400
Ion Ratio Lower Upper
43 100
61 19.5 23.4 35.0#
87 13.0 10.5 15.7



#44
Trichloroethene
Concen: 48.318 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion:130 Resp: 99248
Ion Ratio Lower Upper
130 100
95 103.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 52.647 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

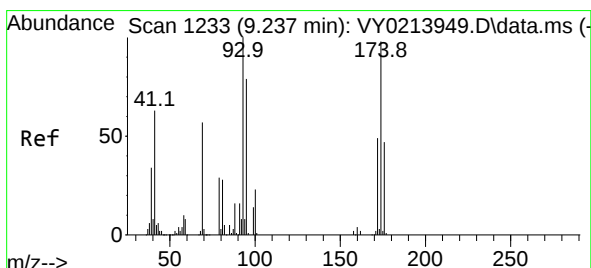
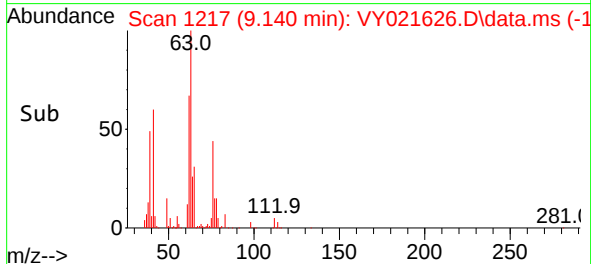
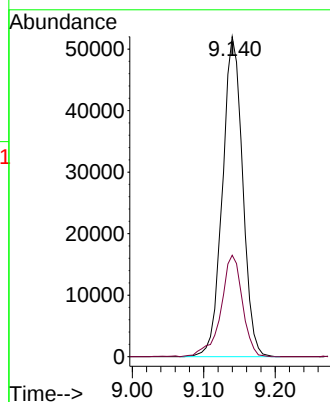
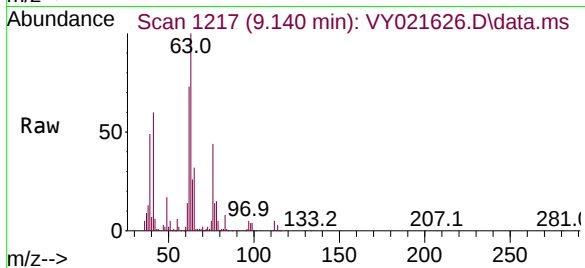
VSTDCCC050EC

Tgt Ion: 63 Resp: 101851

Ion Ratio Lower Upper

63 100

65 31.7 26.0 39.0



#46

Dibromomethane

Concen: 54.191 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

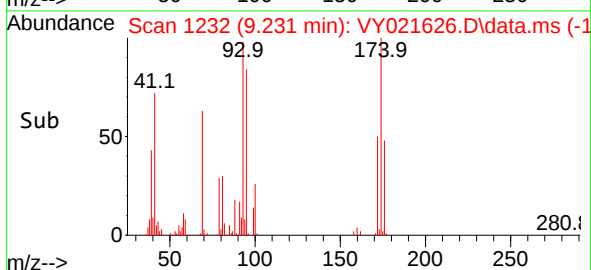
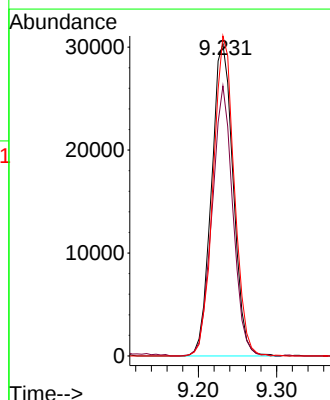
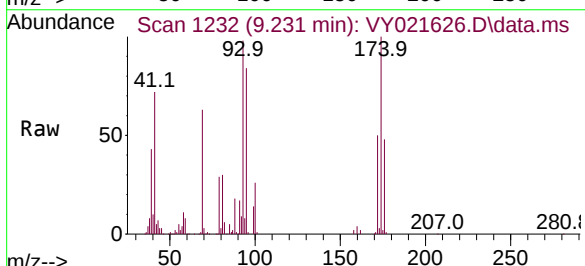
Tgt Ion: 93 Resp: 58333

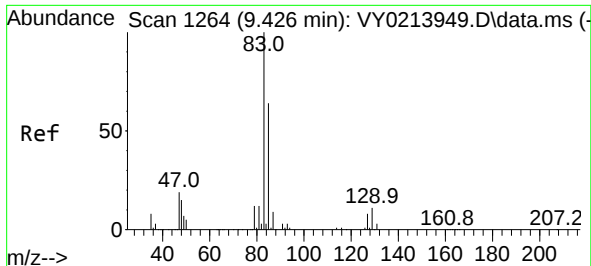
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 99.9 77.9 116.9

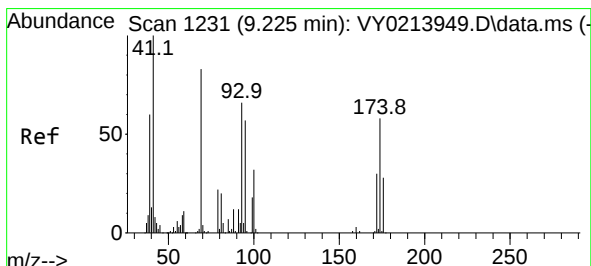
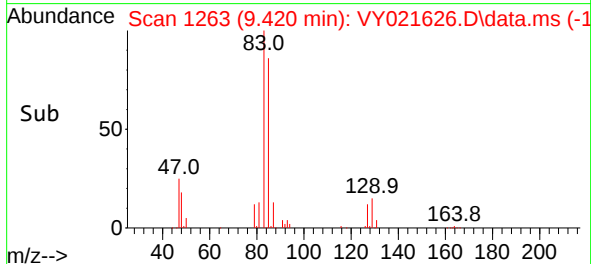
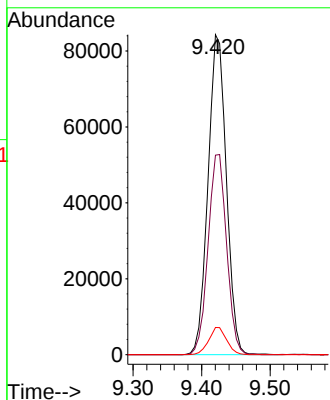
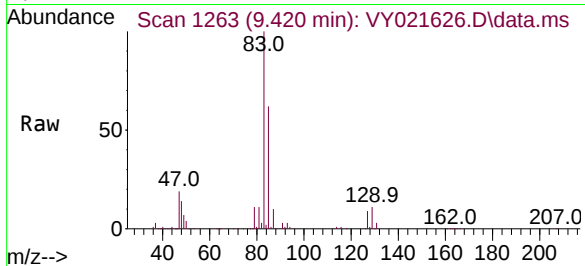




#47
Bromodichloromethane
Concen: 54.918 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

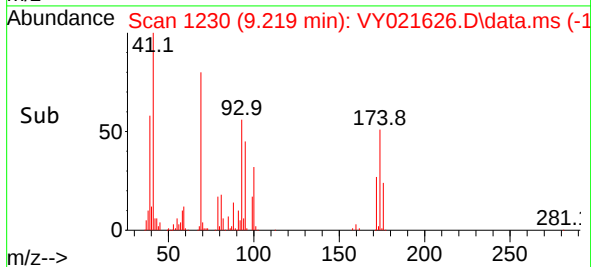
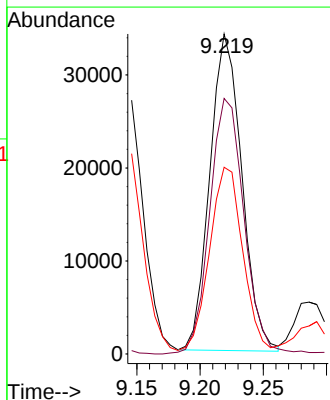
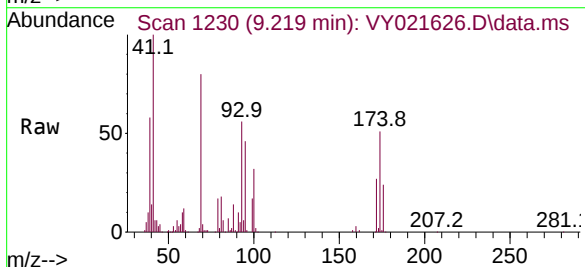
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

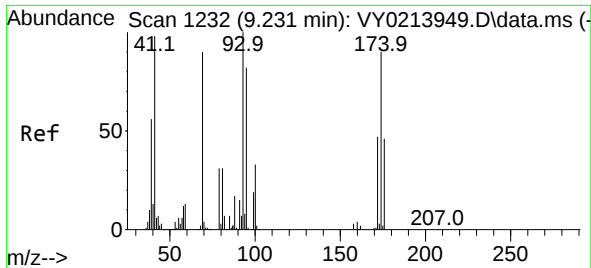
Tgt Ion: 83 Resp: 156991
Ion Ratio Lower Upper
83 100
85 62.3 51.1 76.7
127 8.5 6.7 10.1



#48
Methyl methacrylate
Concen: 55.020 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 41 Resp: 59817
Ion Ratio Lower Upper
41 100
69 87.2 67.8 101.8
39 61.5 46.4 69.6





#49

1,4-Dioxane

Concen: 1243.387 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

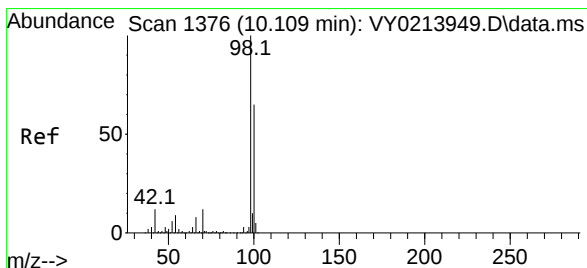
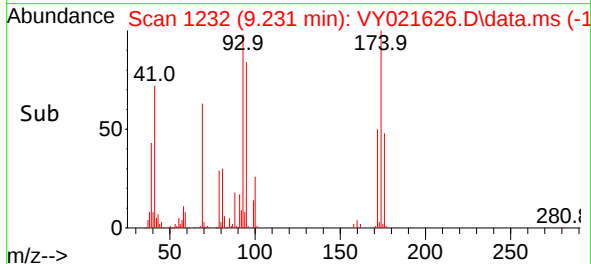
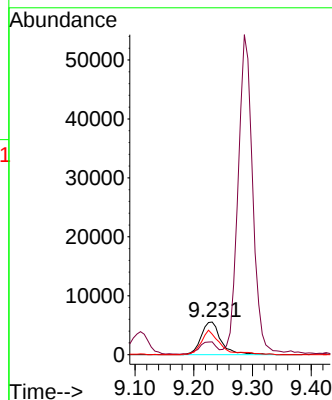
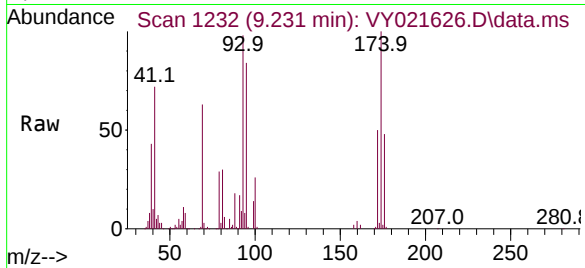
Tgt Ion: 88 Resp: 13137

Ion Ratio Lower Upper

88 100

43 31.8 25.0 37.4

58 72.0 58.4 87.6



#50

Toluene-d8

Concen: 46.137 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021626.D

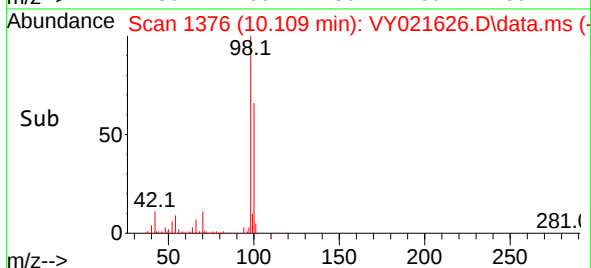
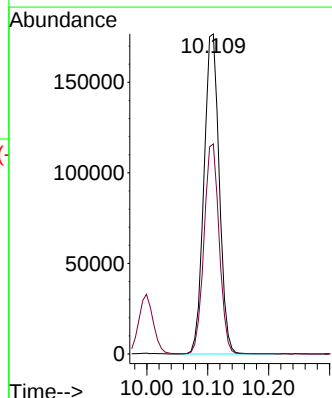
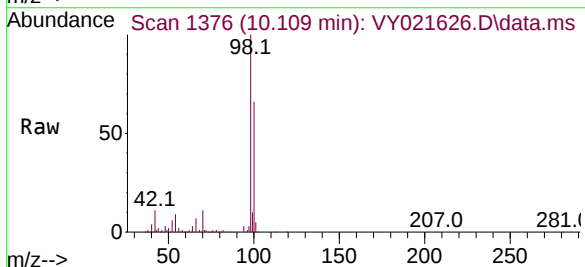
Acq: 24 Mar 2025 18:21

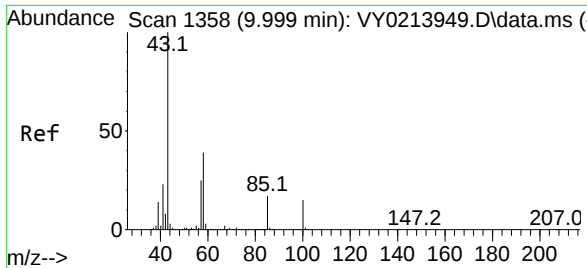
Tgt Ion: 98 Resp: 307947

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

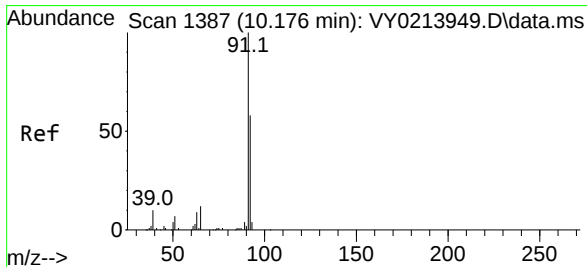
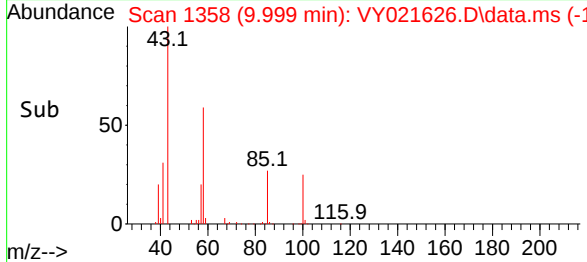
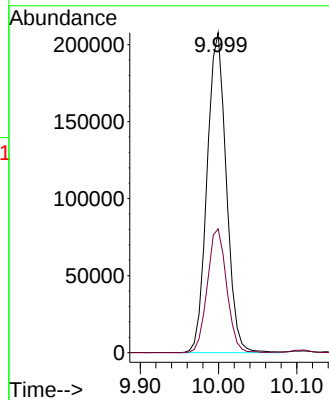
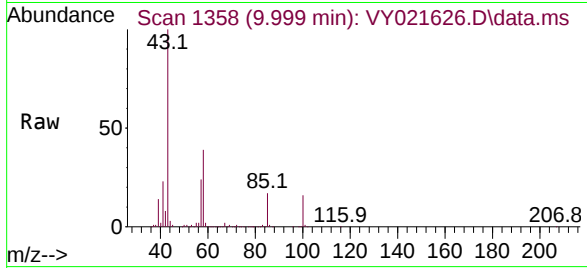




#51
4-Methyl-2-Pentanone
Concen: 289.490 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

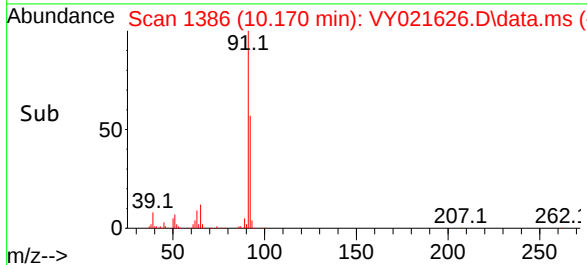
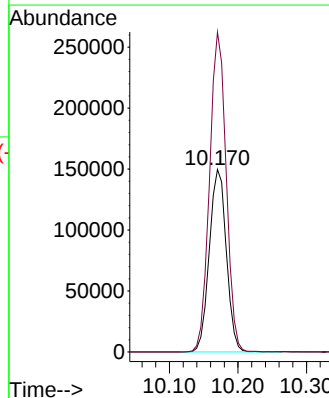
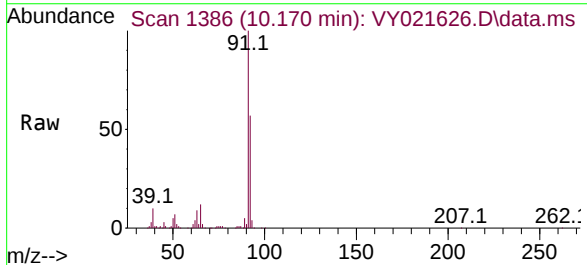
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

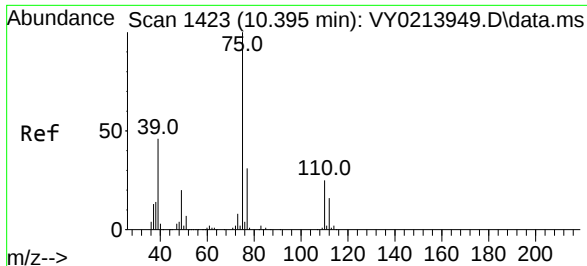
Tgt Ion: 43 Resp: 353639
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.2



#52
Toluene
Concen: 50.417 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 92 Resp: 258374
Ion Ratio Lower Upper
92 100
91 171.4 138.2 207.2

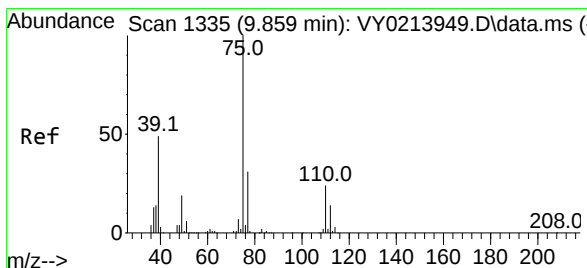
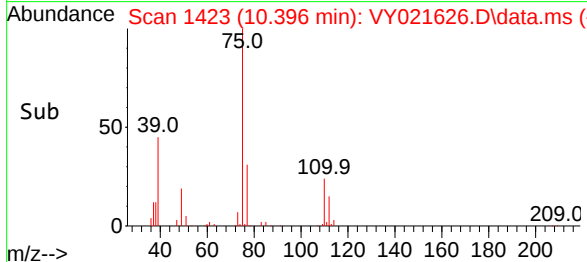
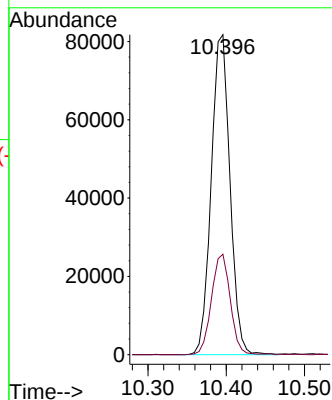
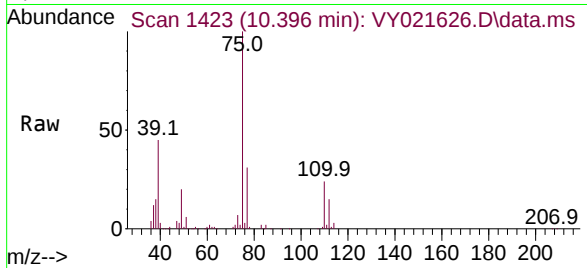




#53
 t-1,3-Dichloropropene
 Concen: 53.984 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

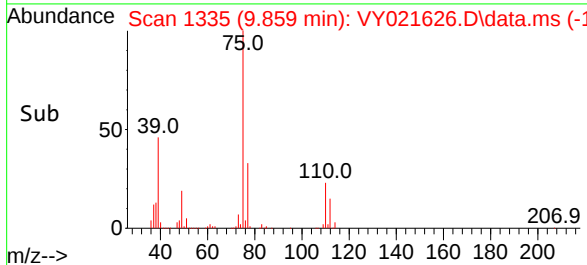
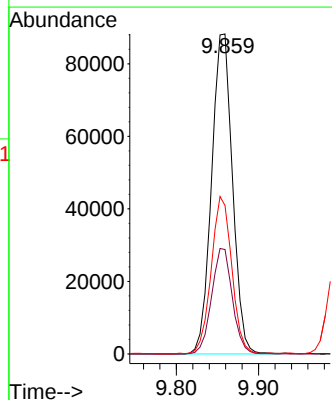
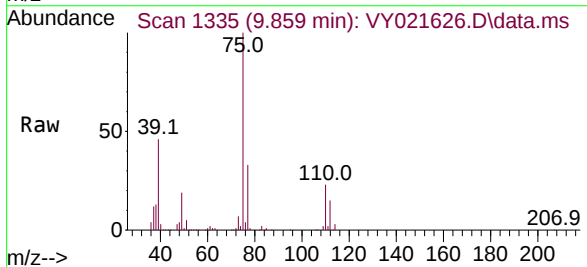
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

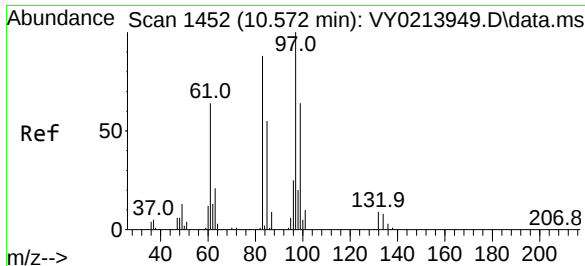
Tgt Ion: 75 Resp: 135959
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.135 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

Tgt Ion: 75 Resp: 155892
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 37.0
 39 46.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 55.737 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 78482

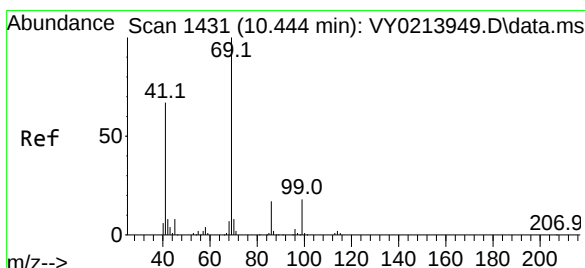
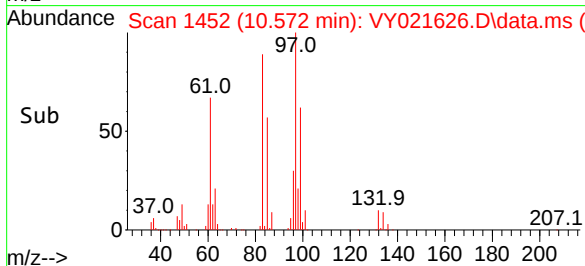
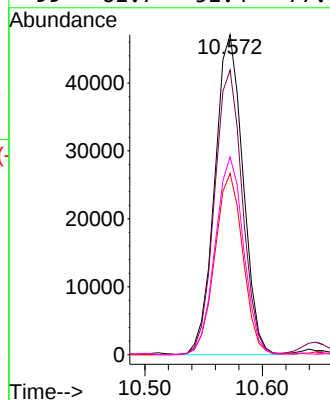
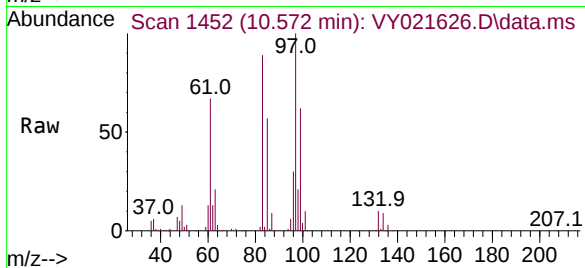
Ion Ratio Lower Upper

97 100

83 88.8 70.0 105.0

85 56.6 44.3 66.5

99 61.7 51.4 77.0



#56

Ethyl methacrylate

Concen: 58.193 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

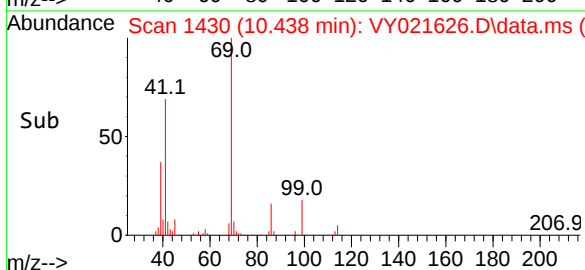
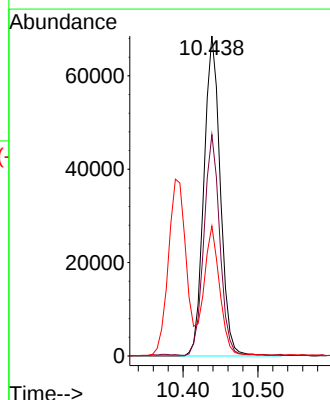
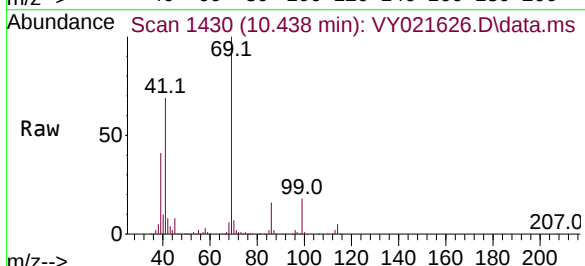
Tgt Ion: 69 Resp: 104502

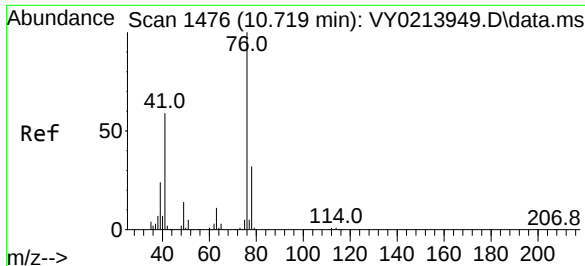
Ion Ratio Lower Upper

69 100

41 66.7 53.3 79.9

39 39.1 31.0 46.6





#57

1,3-Dichloropropane

Concen: 55.440 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

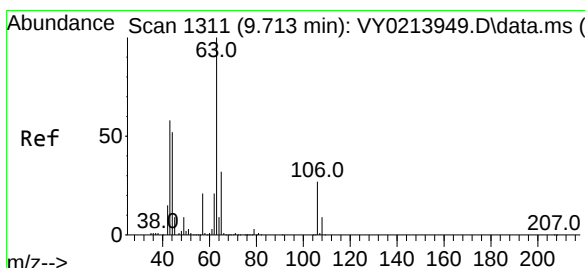
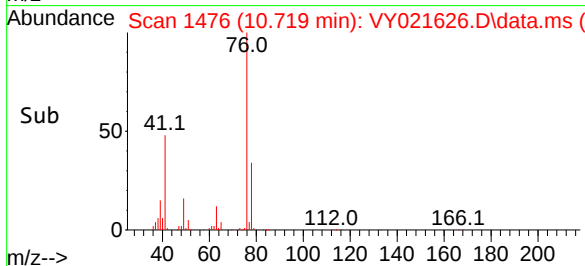
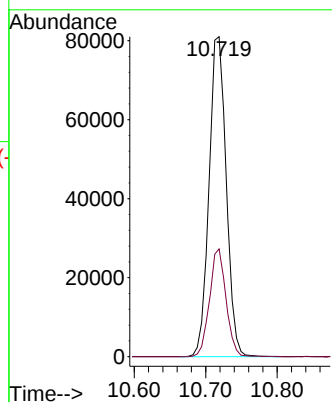
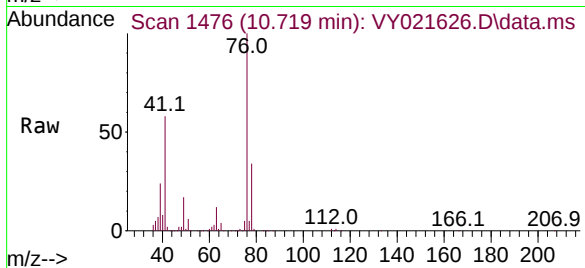
VSTDCCC050EC

Tgt Ion: 76 Resp: 135298

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 338.646 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021626.D

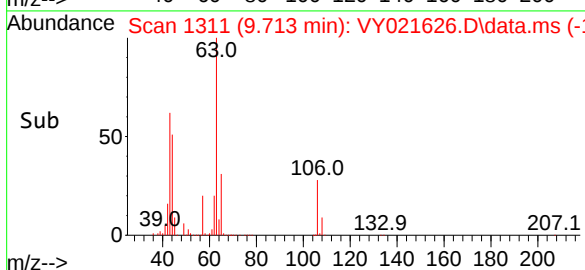
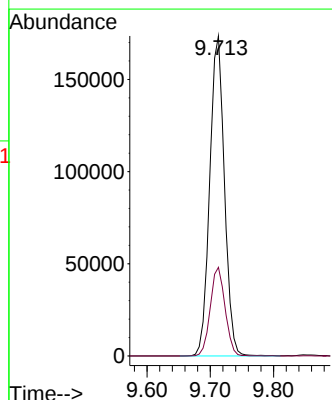
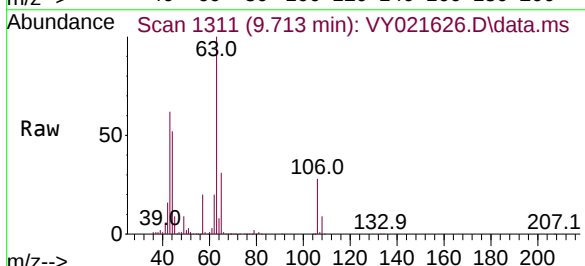
Acq: 24 Mar 2025 18:21

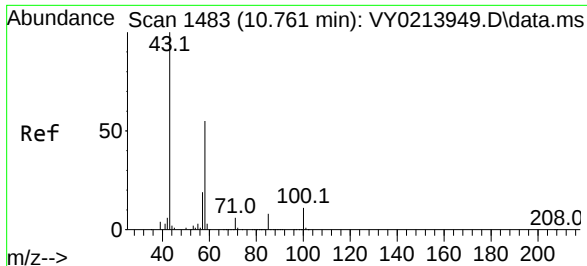
Tgt Ion: 63 Resp: 280732

Ion Ratio Lower Upper

63 100

106 27.8 22.1 33.1

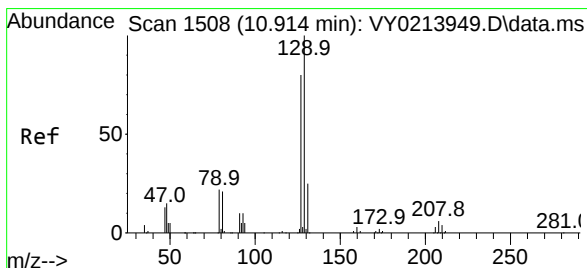
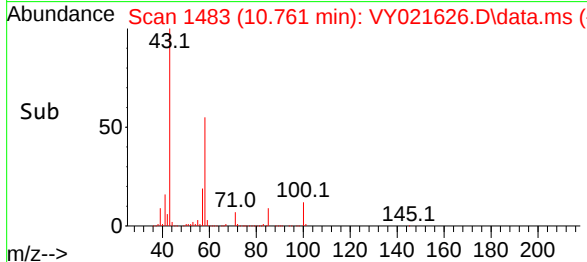
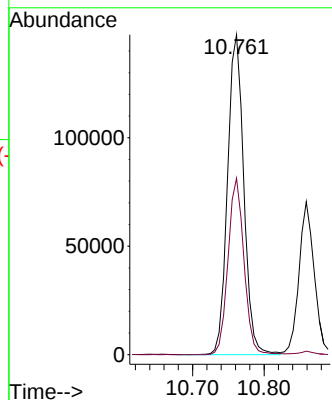
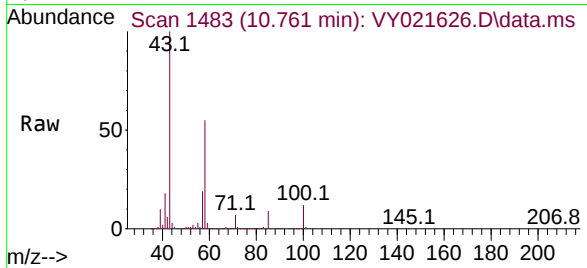




#59
2-Hexanone
Concen: 288.187 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

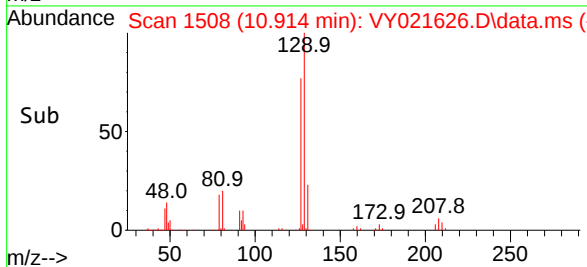
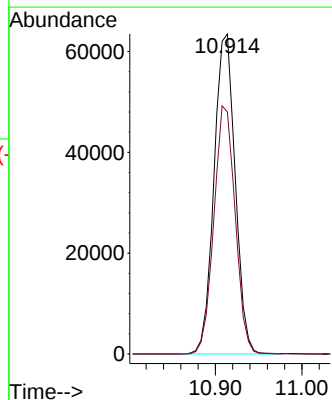
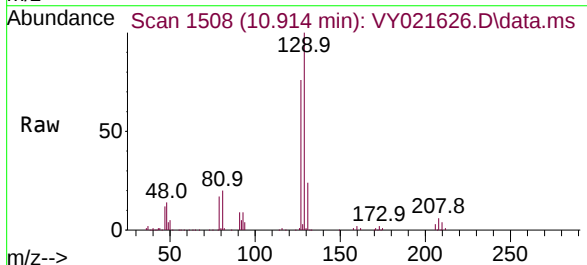
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

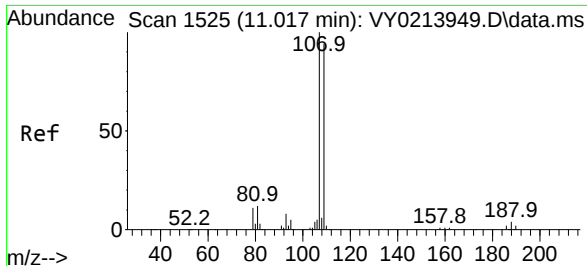
Tgt Ion: 43 Resp: 232782
Ion Ratio Lower Upper
43 100
58 54.1 27.3 81.8



#60
Dibromochloromethane
Concen: 55.867 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 129 Resp: 107844
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 56.061 ug/l

RT: 11.011 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

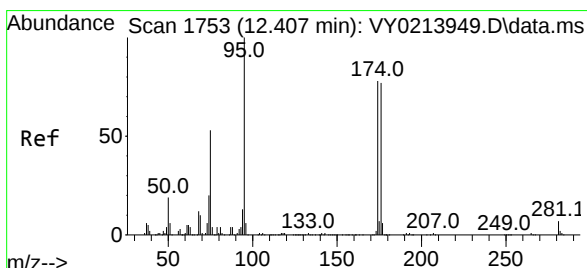
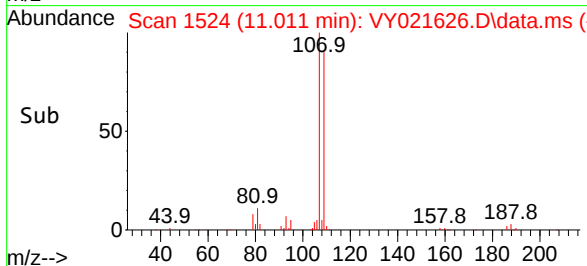
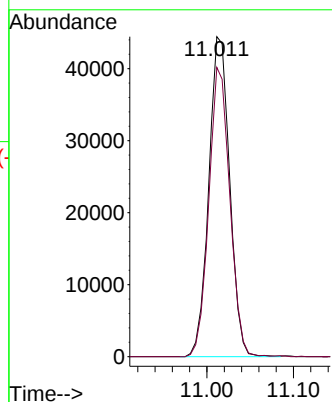
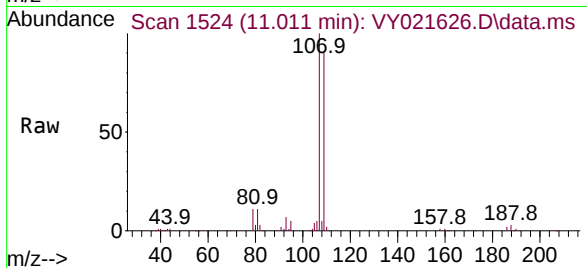
VSTDCCC050EC

Tgt Ion:107 Resp: 74501

Ion Ratio Lower Upper

107 100

109 90.7 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 50.764 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

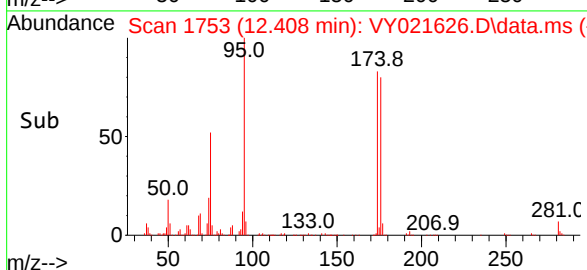
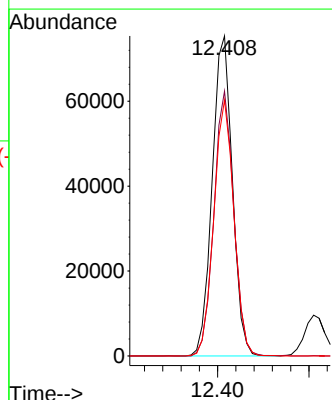
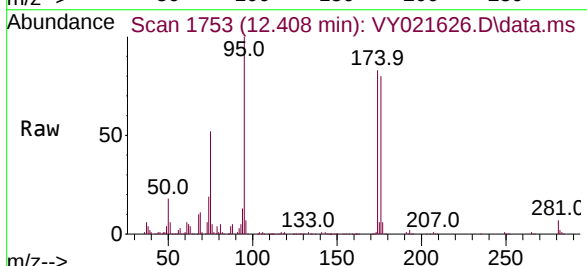
Tgt Ion: 95 Resp: 115257

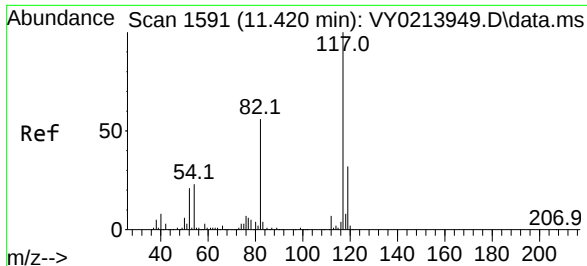
Ion Ratio Lower Upper

95 100

174 81.5 0.0 165.0

176 79.8 0.0 160.0

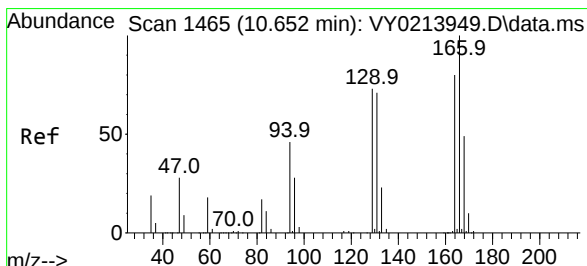
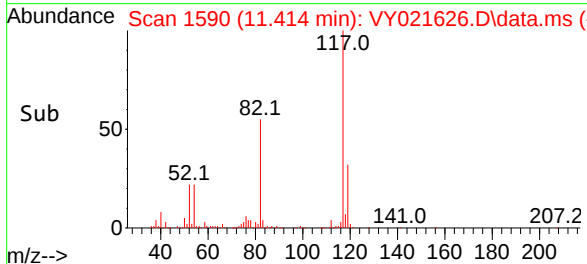
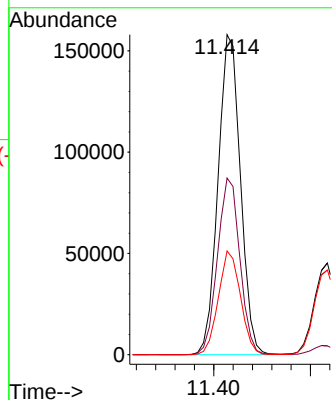
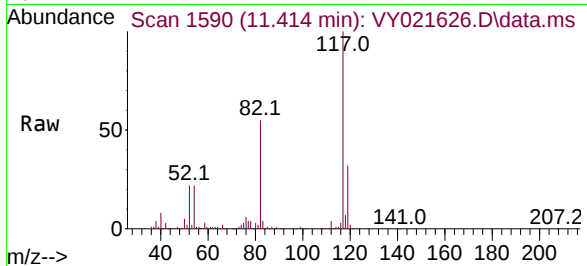




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

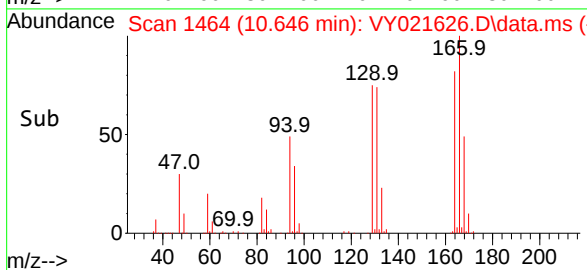
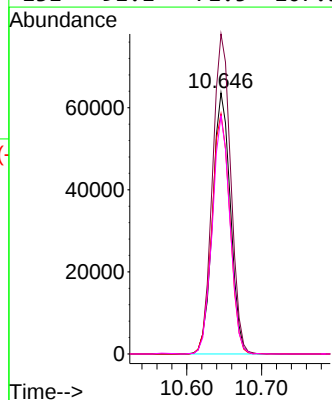
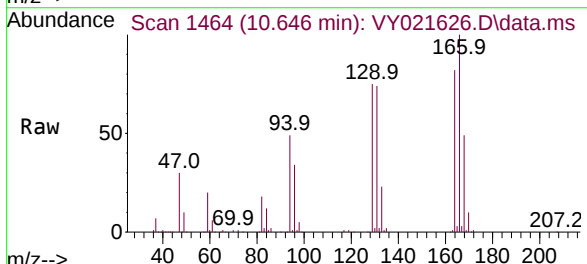
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

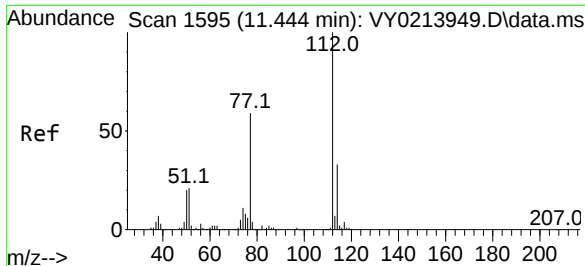
Tgt Ion:117 Resp: 253043
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 51.147 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion:164 Resp: 105243
Ion Ratio Lower Upper
164 100
166 122.6 100.4 150.6
129 92.0 73.8 110.8
131 91.1 71.5 107.3

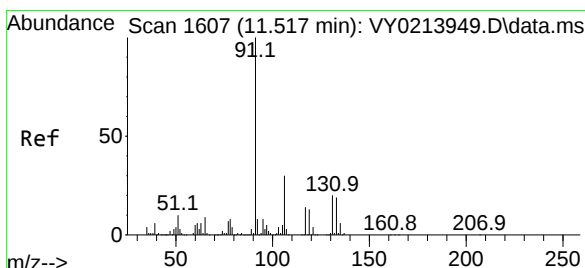
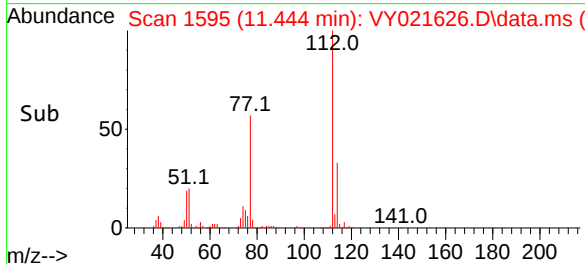
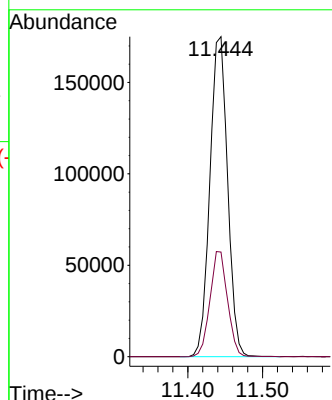
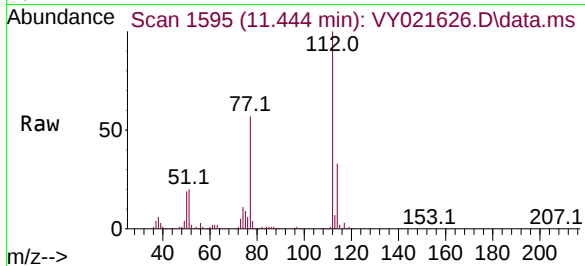




#65
Chlorobenzene
Concen: 48.218 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

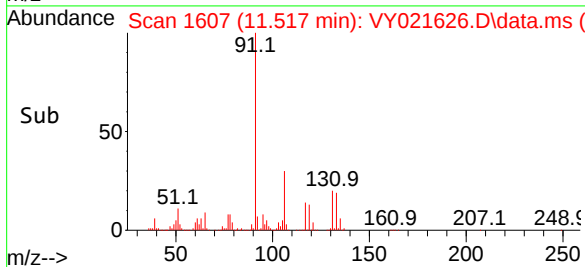
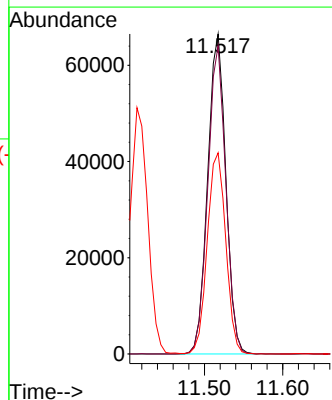
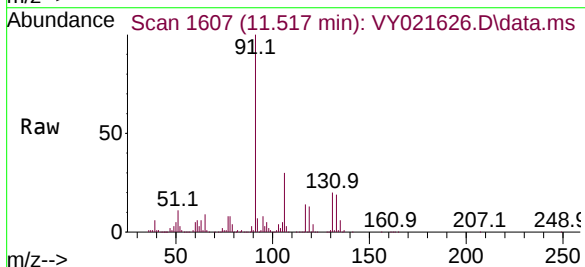
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

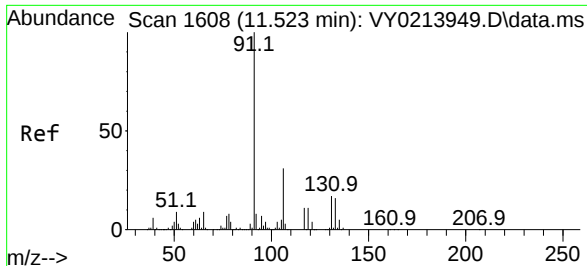
Tgt Ion:112 Resp: 288125
Ion Ratio Lower Upper
112 100
114 32.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.613 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion:131 Resp: 106927
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 64.1 32.3 96.9





#67

Ethyl Benzene

Concen: 46.739 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

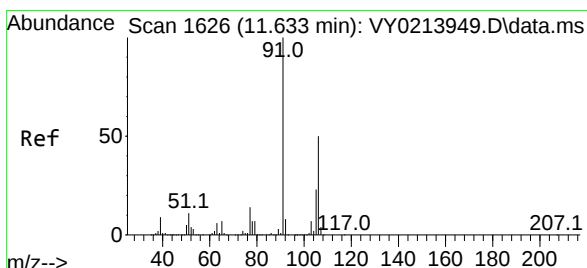
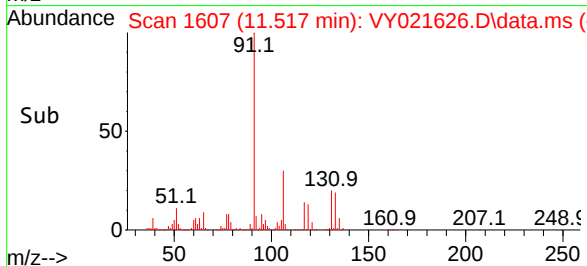
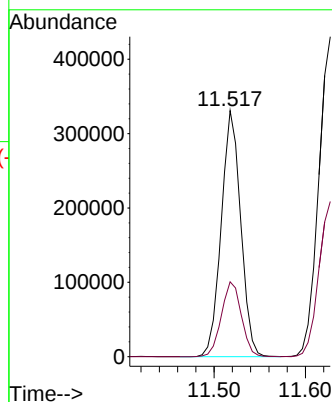
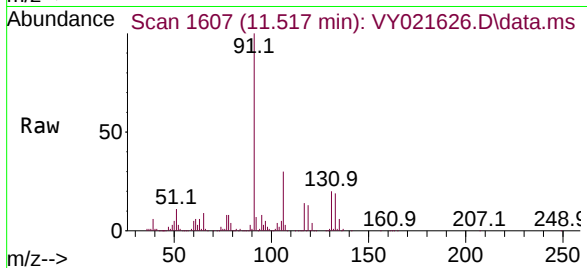
VSTDCCC050EC

Tgt Ion: 91 Resp: 490206

Ion Ratio Lower Upper

91 100

106 30.4 24.6 36.8



#68

m/p-Xylenes

Concen: 94.785 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021626.D

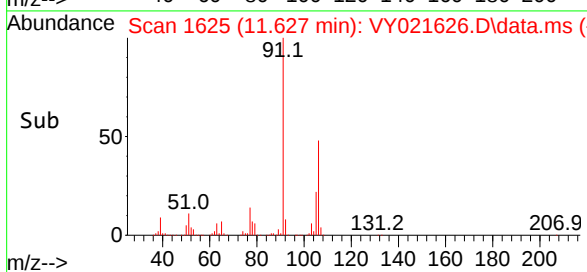
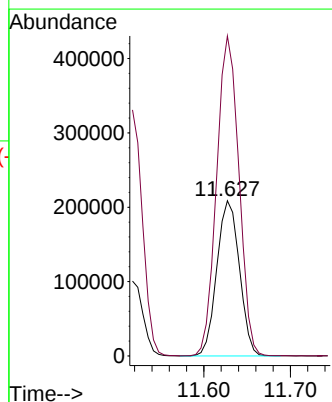
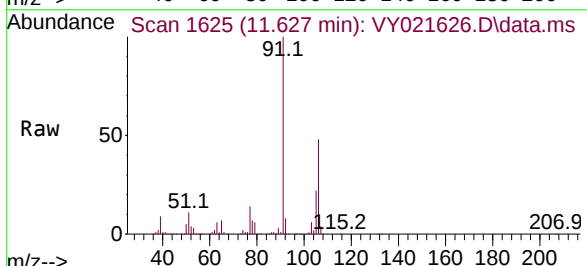
Acq: 24 Mar 2025 18:21

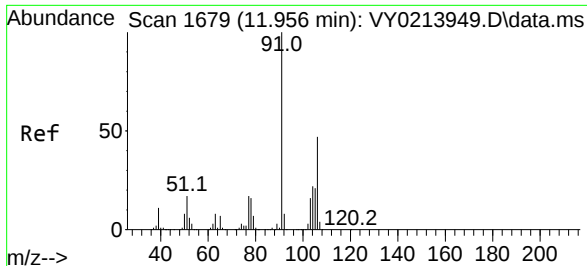
Tgt Ion: 106 Resp: 377420

Ion Ratio Lower Upper

106 100

91 204.2 161.7 242.5

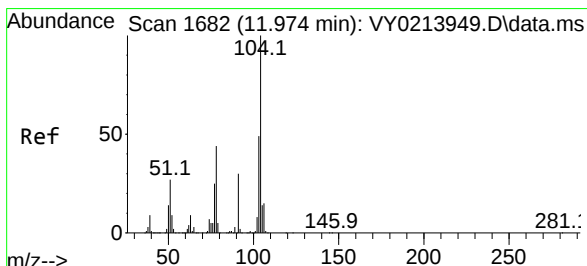
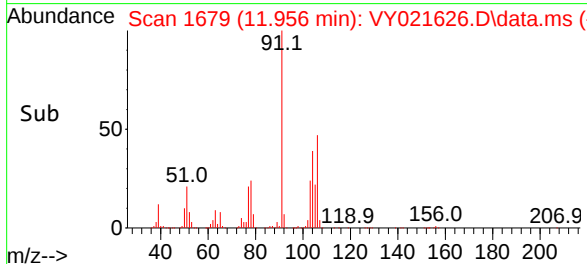
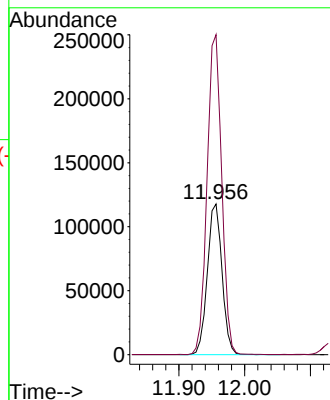
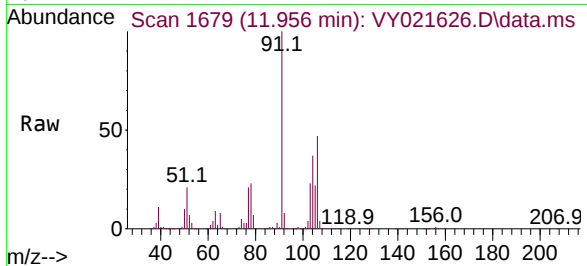




#69
o-Xylene
Concen: 49.864 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

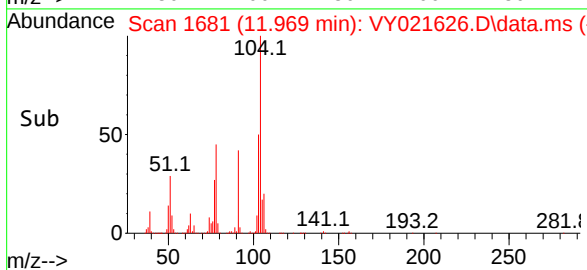
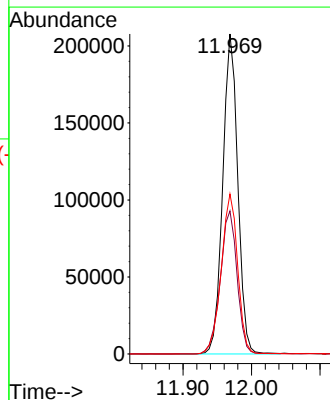
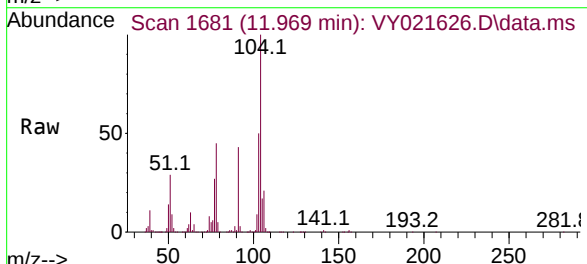
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

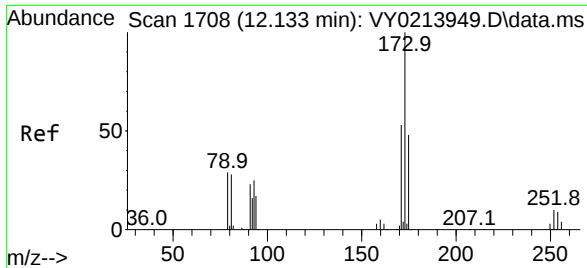
Tgt Ion:106 Resp: 182991
Ion Ratio Lower Upper
106 100
91 211.7 107.6 322.8



#70
Styrene
Concen: 51.826 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion:104 Resp: 315518
Ion Ratio Lower Upper
104 100
78 49.8 40.7 61.1
103 54.8 44.1 66.1

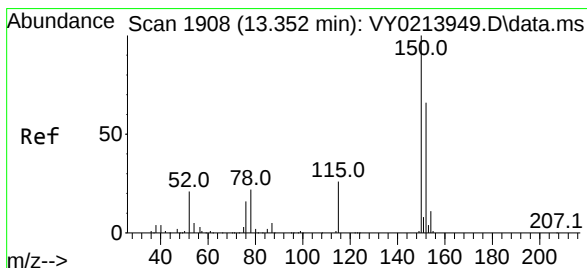
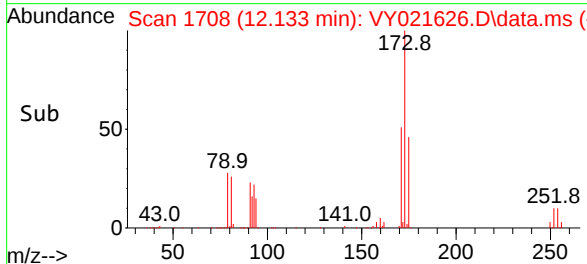
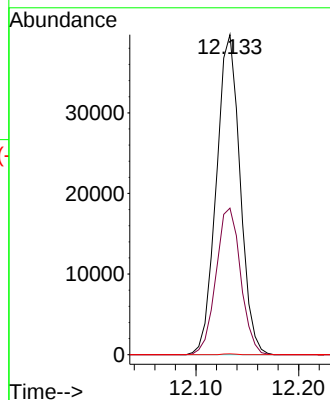
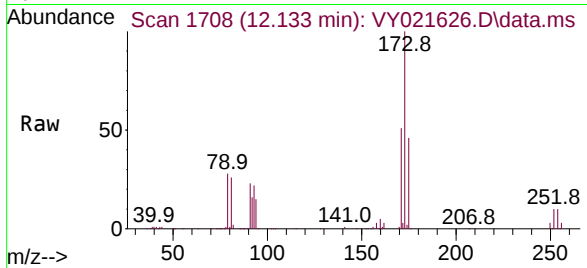




#71
Bromoform
Concen: 53.803 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

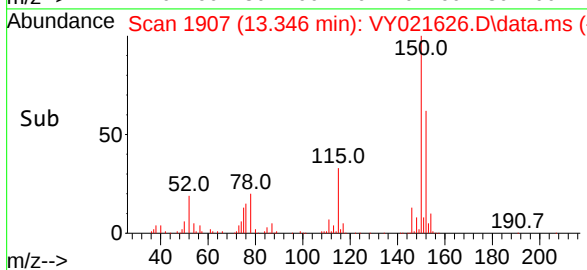
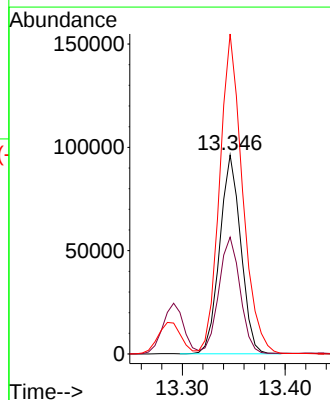
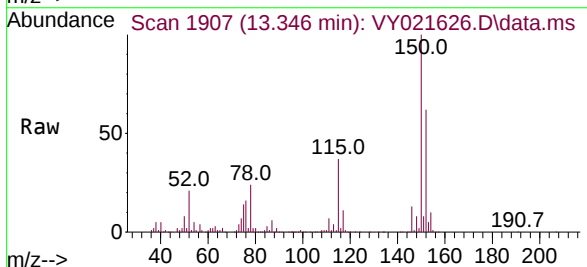
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

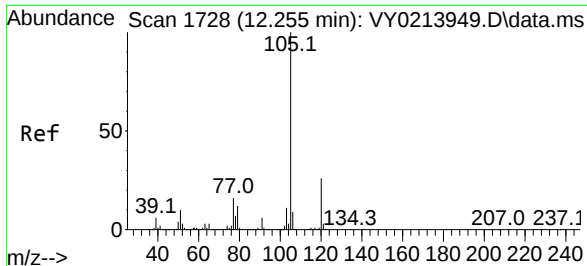
Tgt Ion:173 Resp: 63541
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion:152 Resp: 136745
Ion Ratio Lower Upper
152 100
115 58.8 29.0 87.0
150 175.5 0.0 347.2

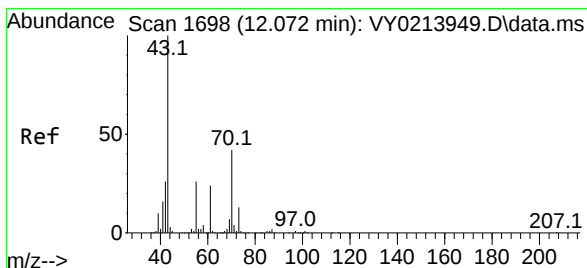
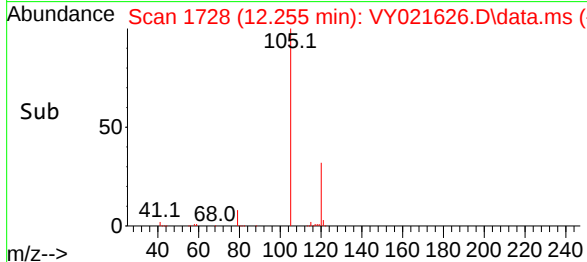
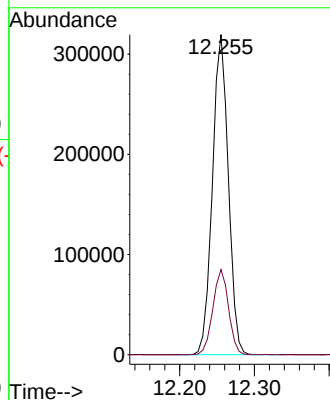
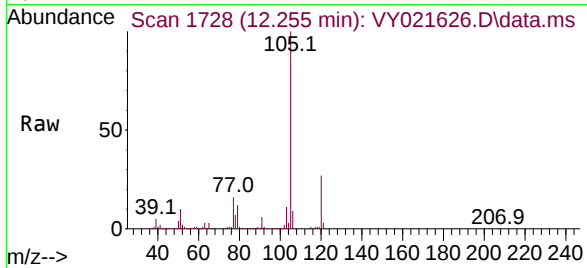




#73
Isopropylbenzene
Concen: 43.710 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

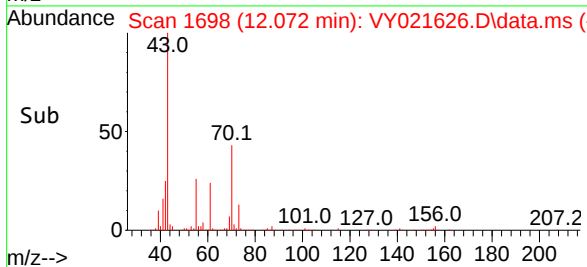
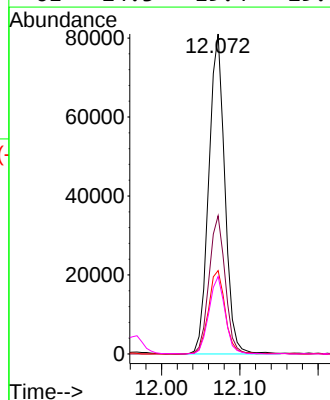
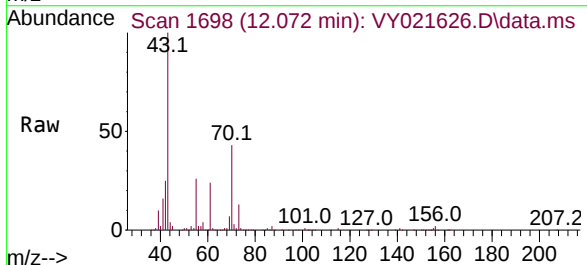
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

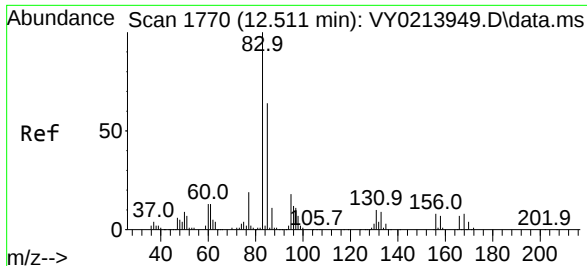
Tgt Ion:105 Resp: 470830
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 49.177 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 43 Resp: 115042
Ion Ratio Lower Upper
43 100
70 43.7 34.6 51.8
55 27.1 21.1 31.7
61 24.3 19.4 29.0

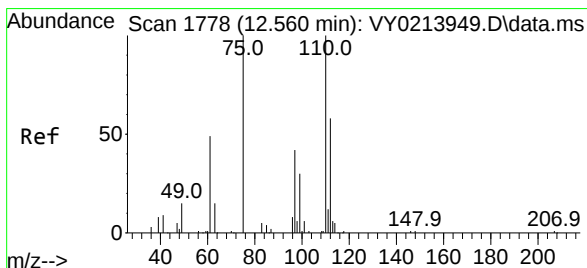
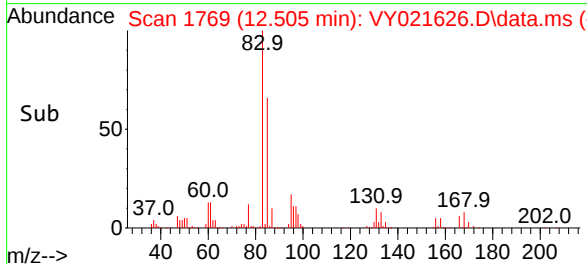
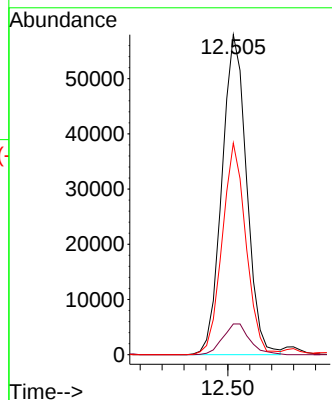
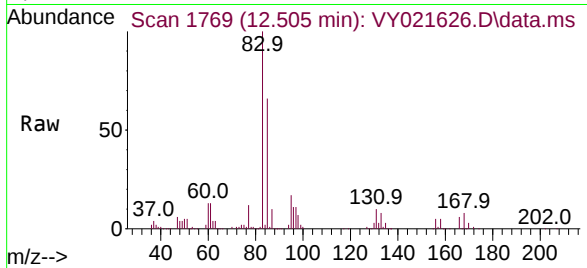




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.640 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

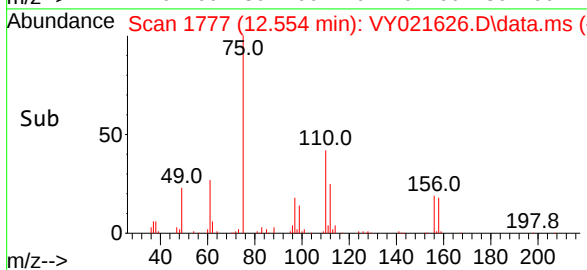
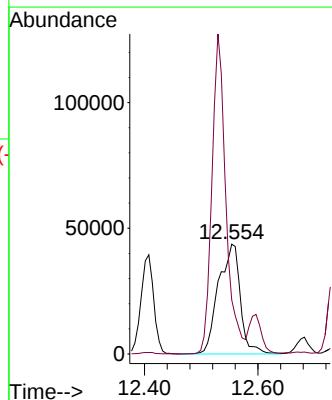
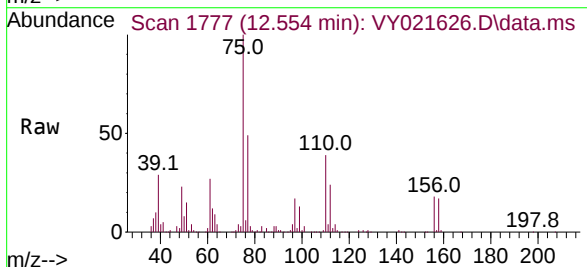
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

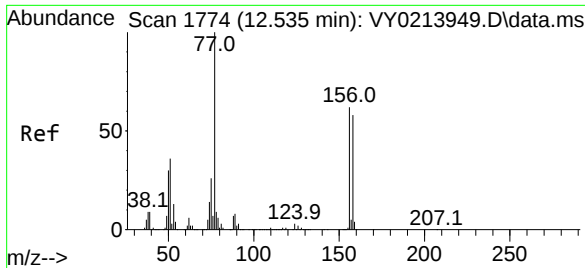
Tgt Ion: 83 Resp: 90556
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.3 16.1
 85 63.9 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 84.783 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

Tgt Ion: 75 Resp: 116827
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

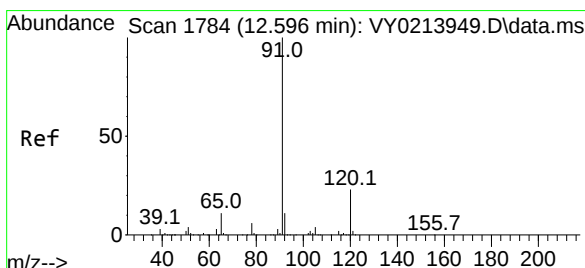
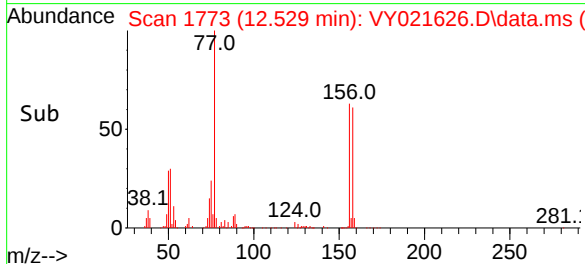
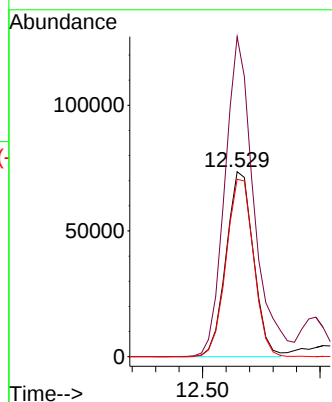
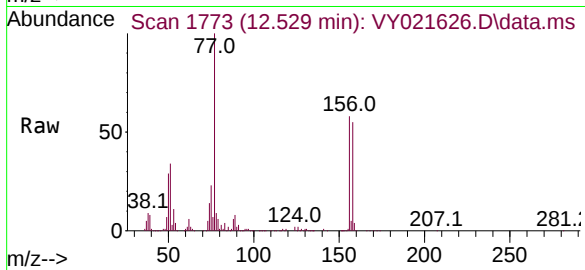




#77
Bromobenzene
Concen: 47.200 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

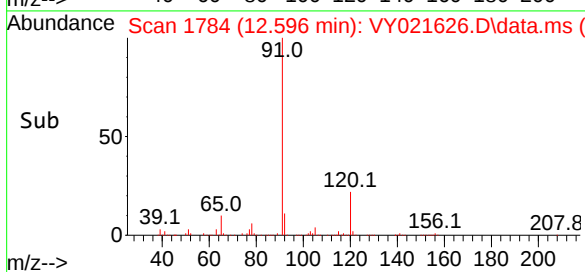
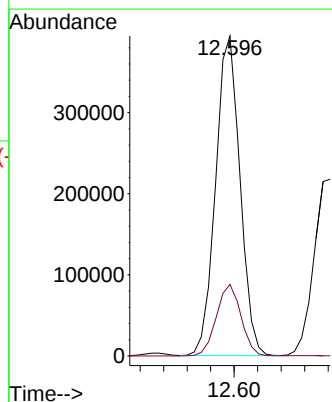
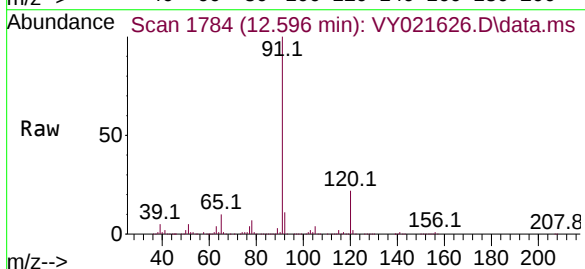
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

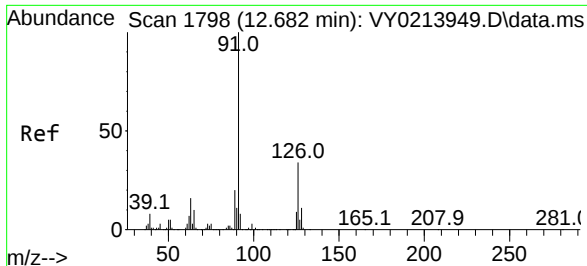
Tgt Ion:156 Resp: 118945
Ion Ratio Lower Upper
156 100
77 184.3 93.6 280.8
158 96.4 48.3 144.8



#78
n-propylbenzene
Concen: 43.388 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 91 Resp: 567606
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 45.028 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

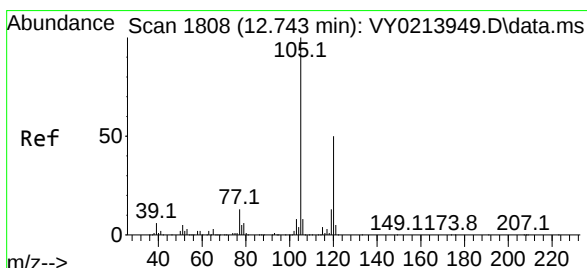
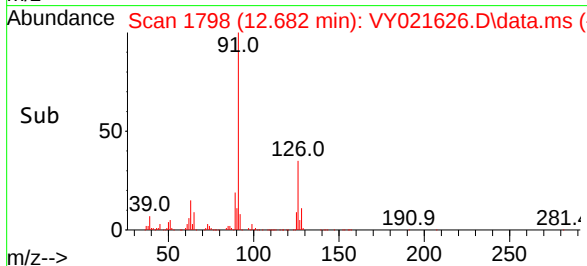
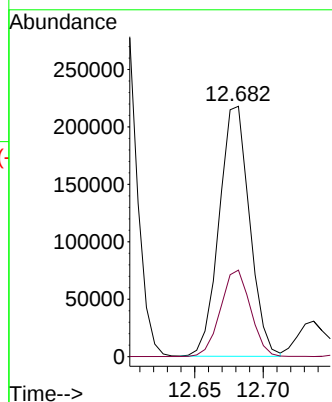
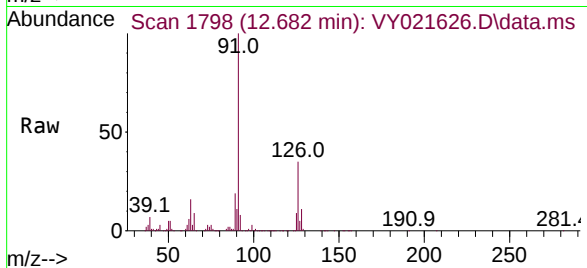
VSTDCCC050EC

Tgt Ion: 91 Resp: 336822

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 45.256 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021626.D

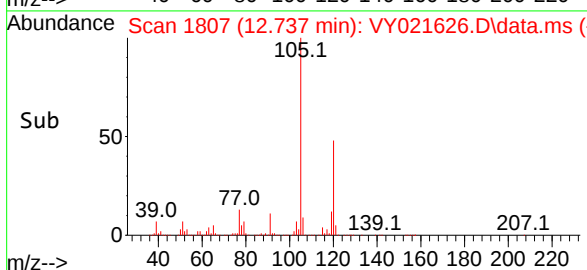
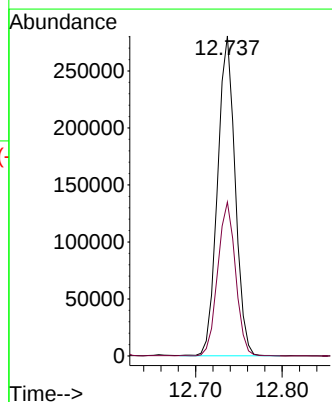
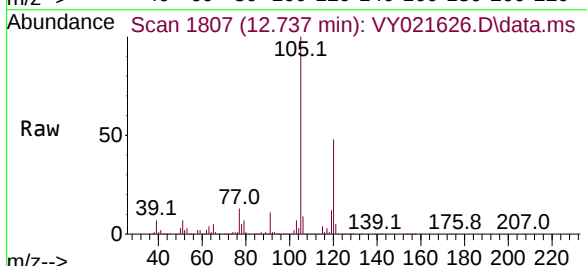
Acq: 24 Mar 2025 18:21

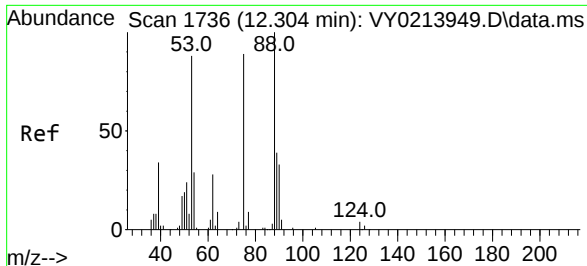
Tgt Ion: 105 Resp: 396161

Ion Ratio Lower Upper

105 100

120 48.7 24.6 73.6

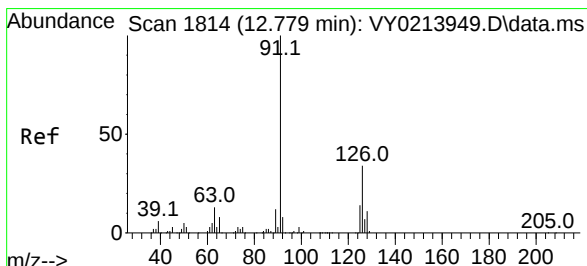
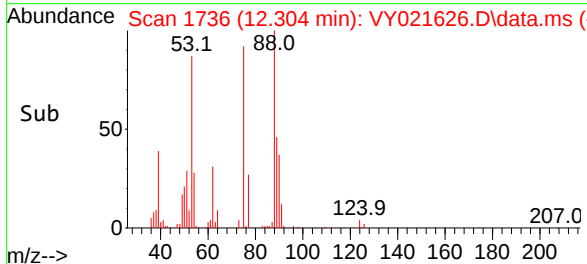
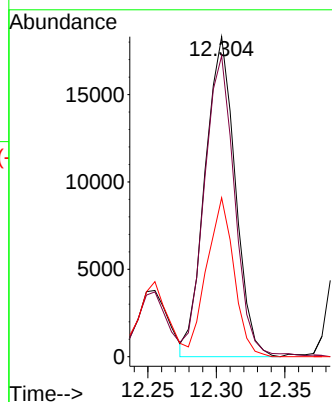
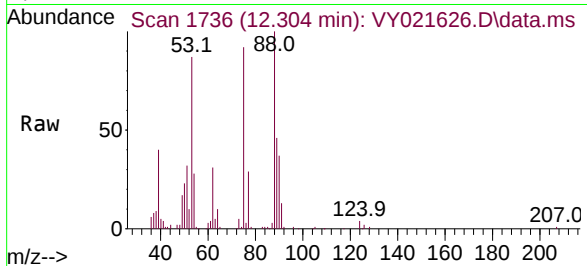




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.274 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

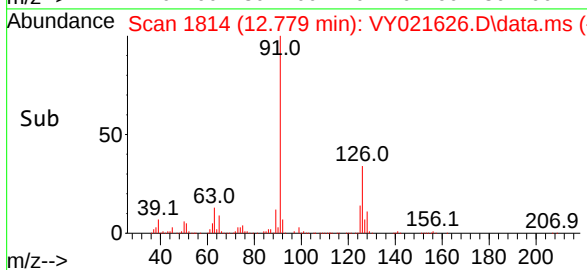
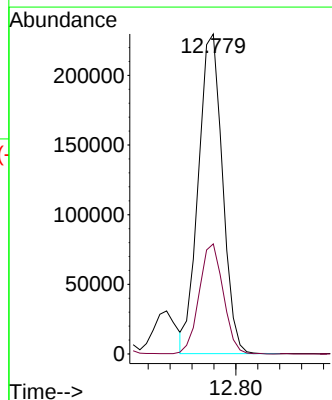
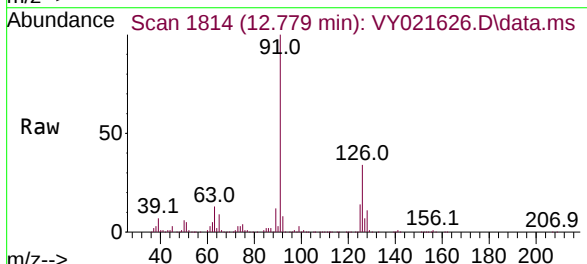
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

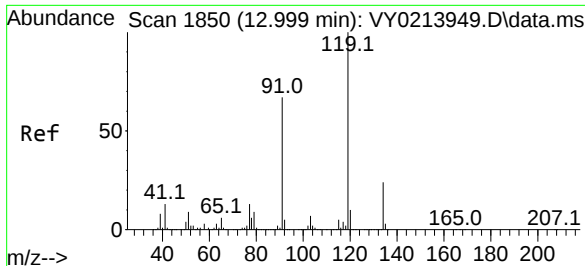
Tgt Ion:	75	Resp:	28049
Ion	Ratio	Lower	Upper
75	100		
53	94.5	81.0	121.4
89	44.5	36.9	55.3



#82
 4-Chlorotoluene
 Concen: 45.168 ug/l
 RT: 12.779 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

Tgt Ion:	91	Resp:	349868
Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	51.0

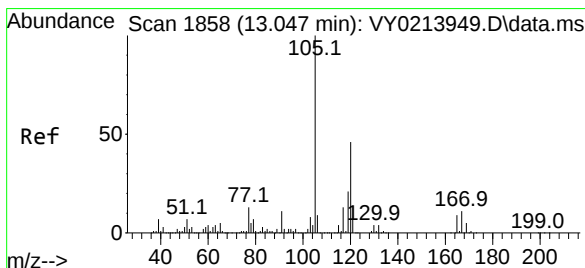
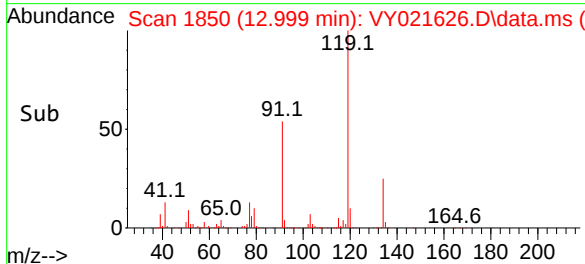
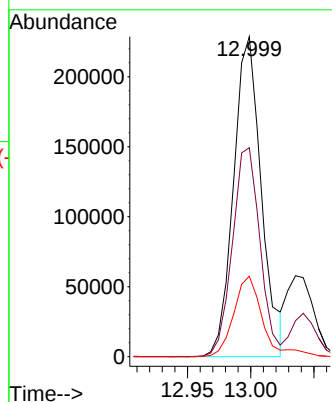
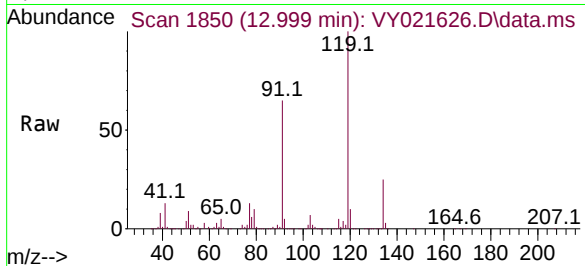




#83
 tert-Butylbenzene
 Concen: 44.797 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

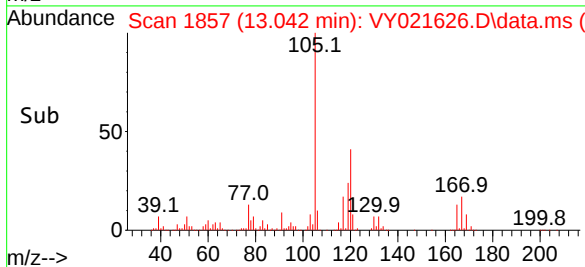
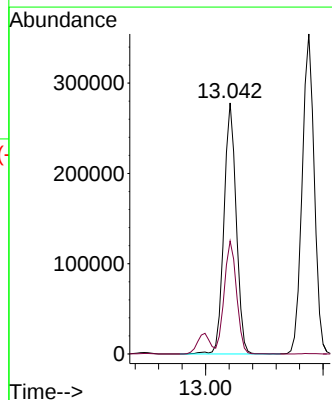
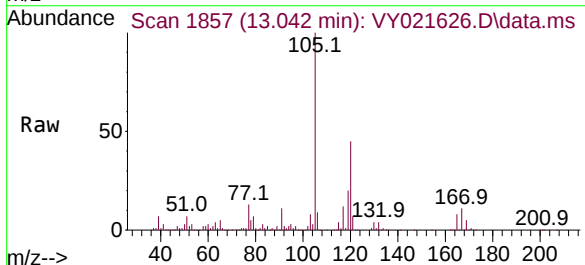
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

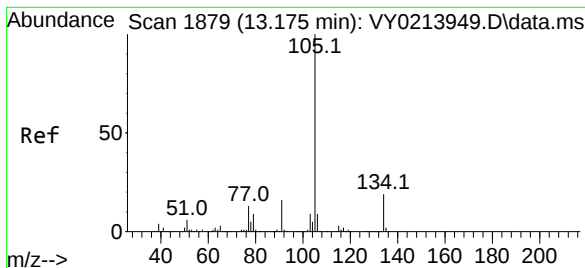
Tgt Ion:119 Resp: 349831
 Ion Ratio Lower Upper
 119 100
 91 64.9 33.2 99.6
 134 26.2 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 46.357 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

Tgt Ion:105 Resp: 402912
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 43.417 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

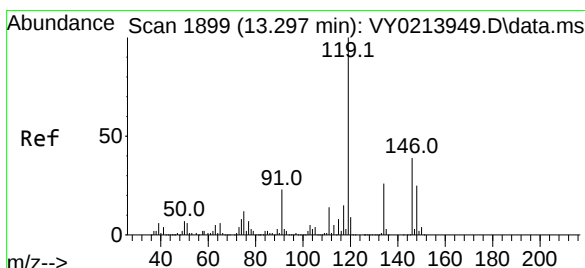
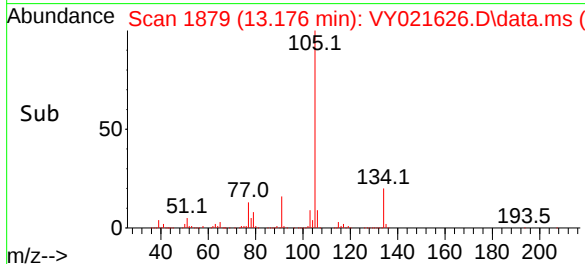
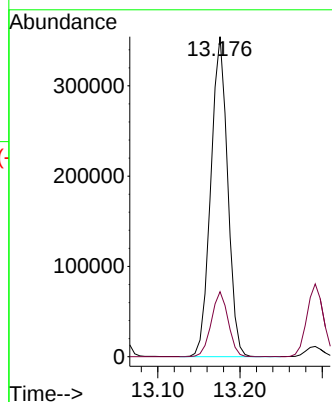
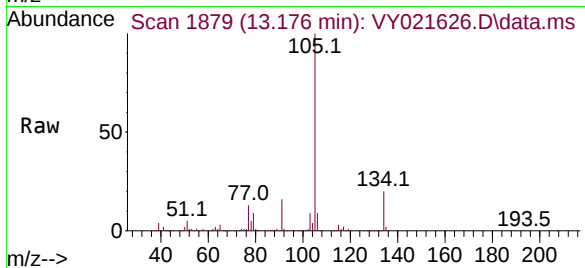
VSTDCCC050EC

Tgt Ion:105 Resp: 504464

Ion Ratio Lower Upper

105 100

134 20.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 44.691 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

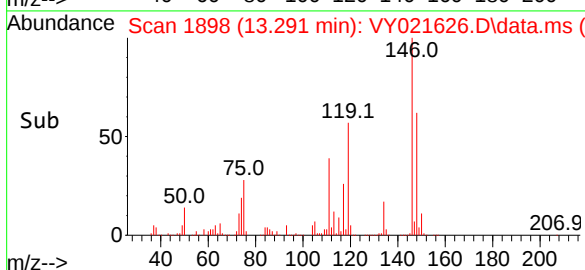
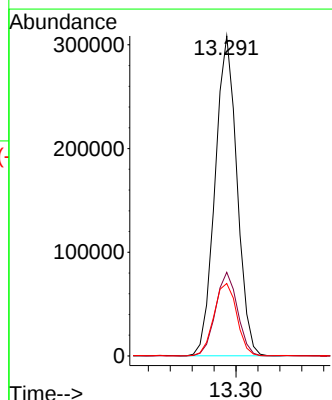
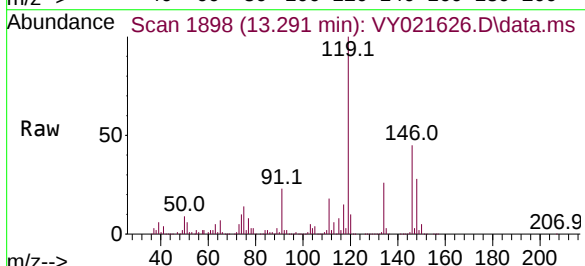
Tgt Ion:119 Resp: 427796

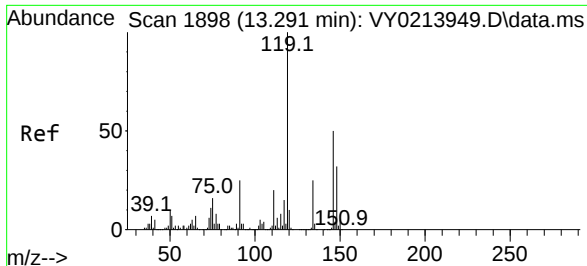
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.7 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 45.990 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

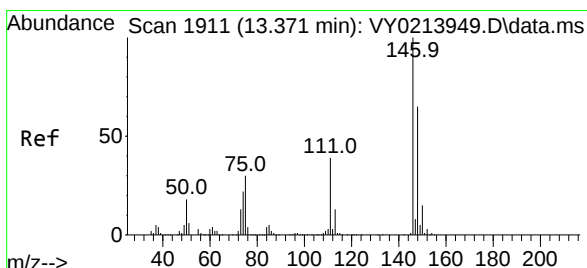
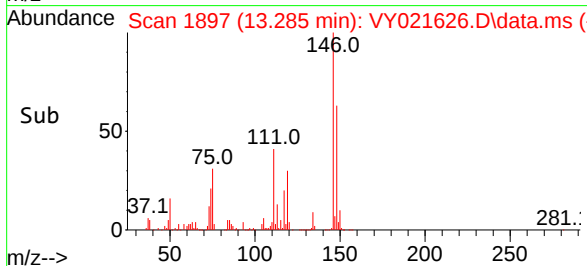
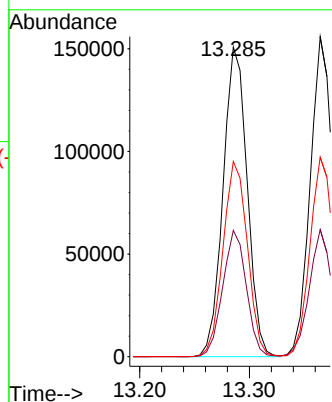
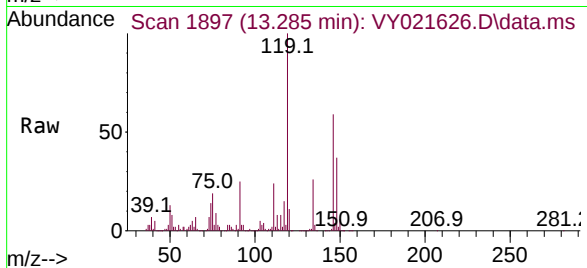
Tgt Ion:146 Resp: 230698

Ion Ratio Lower Upper

146 100

111 40.0 20.0 60.0

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 46.523 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

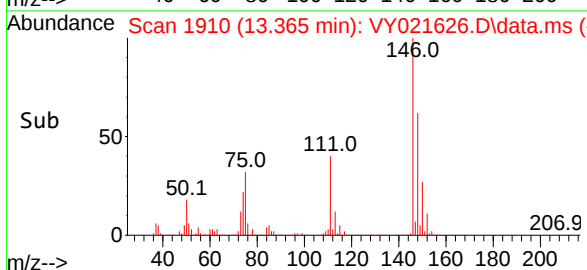
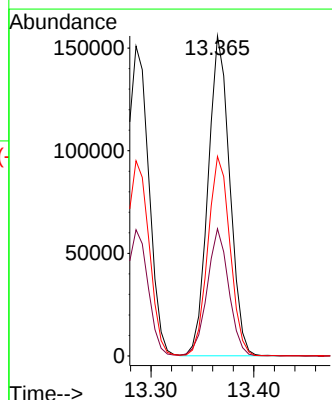
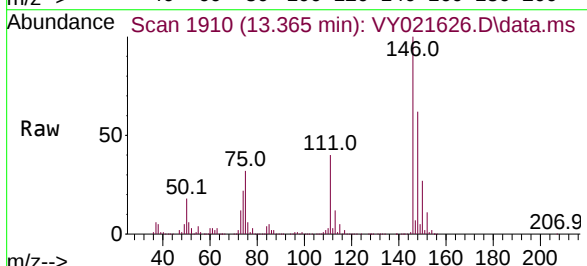
Tgt Ion:146 Resp: 228232

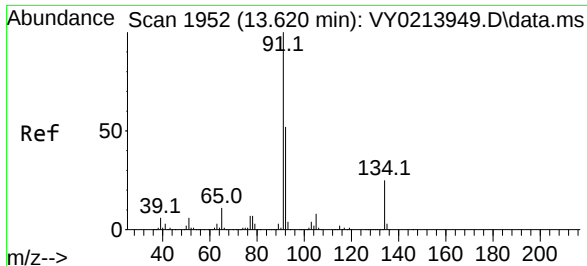
Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

148 63.7 32.3 96.8





#89

n-Butylbenzene

Concen: 44.007 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021626.D

Acq: 24 Mar 2025 18:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

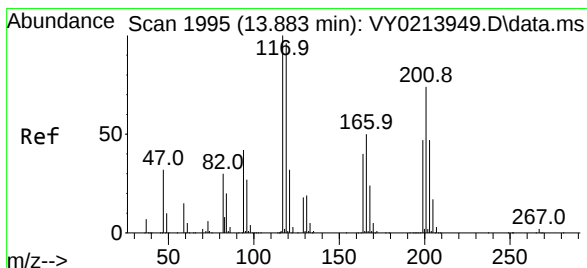
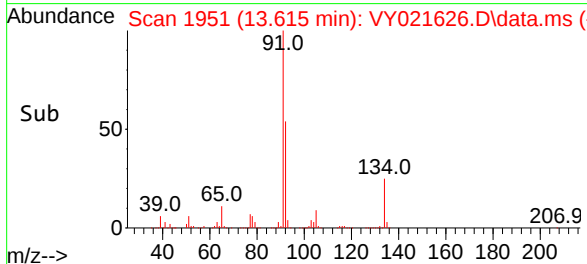
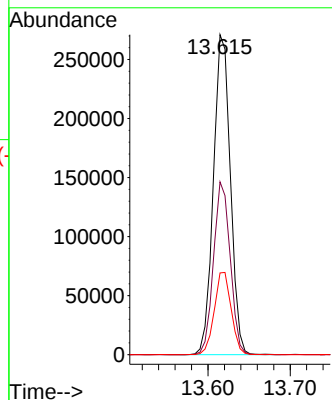
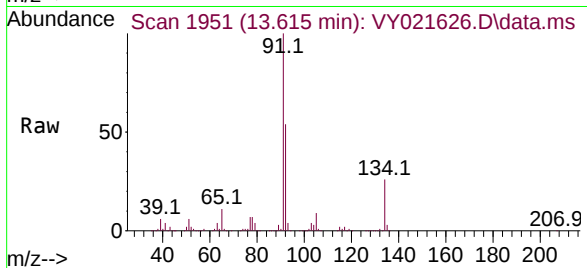
Tgt Ion: 91 Resp: 388984

Ion Ratio Lower Upper

91 100

92 53.1 26.1 78.3

134 25.7 12.6 37.8



#90

Hexachloroethane

Concen: 44.718 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021626.D

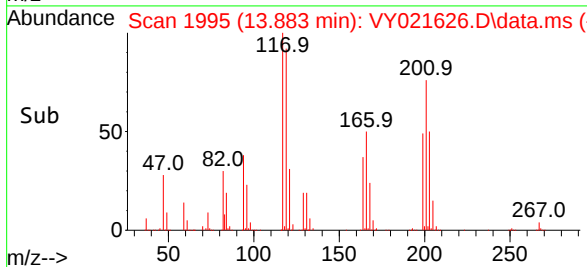
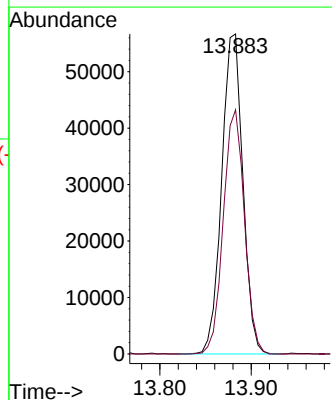
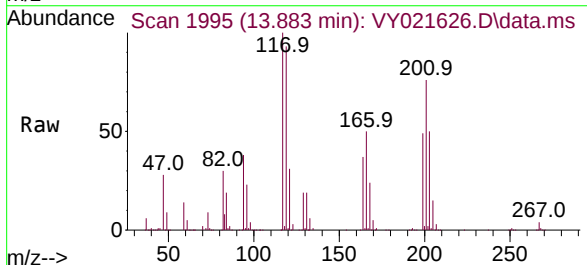
Acq: 24 Mar 2025 18:21

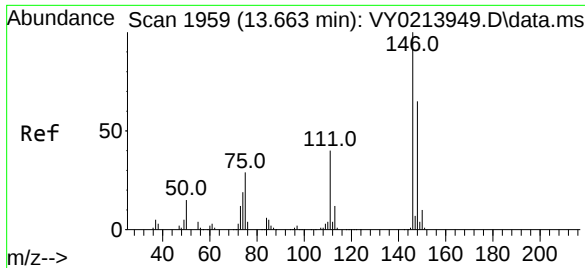
Tgt Ion: 117 Resp: 91318

Ion Ratio Lower Upper

117 100

201 76.1 37.4 112.2

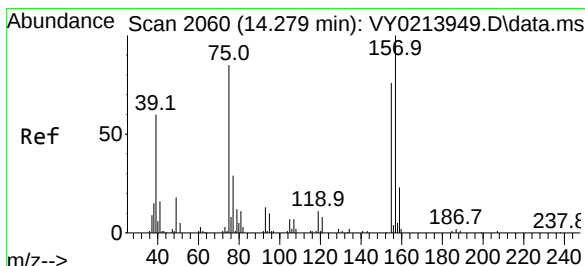
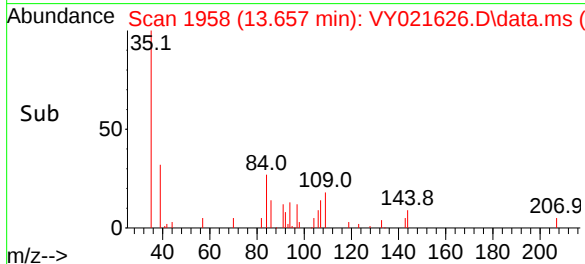
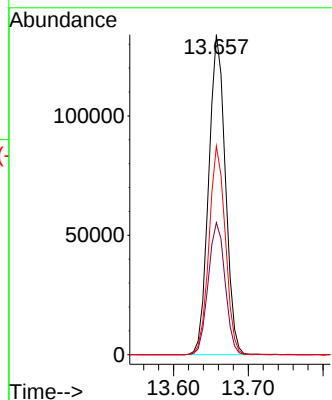
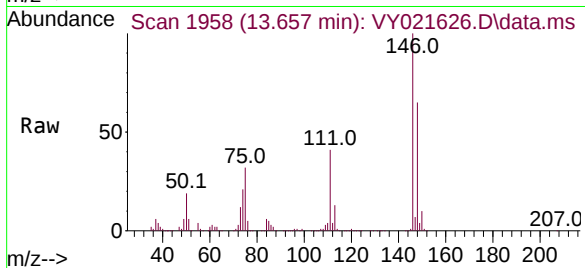




#91
1,2-Dichlorobenzene
Concen: 48.266 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

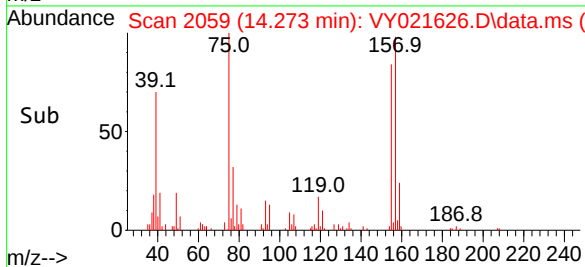
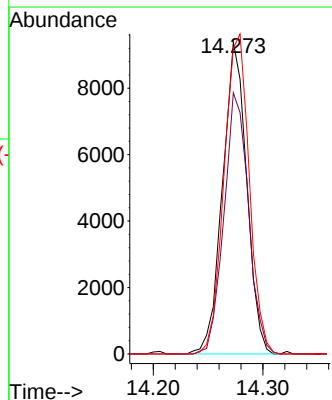
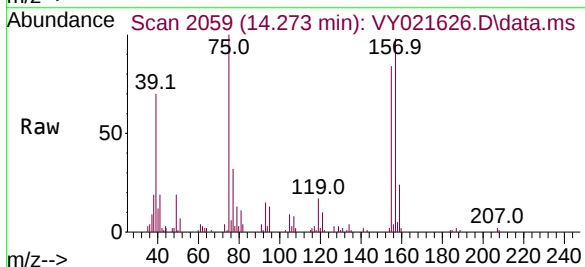
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

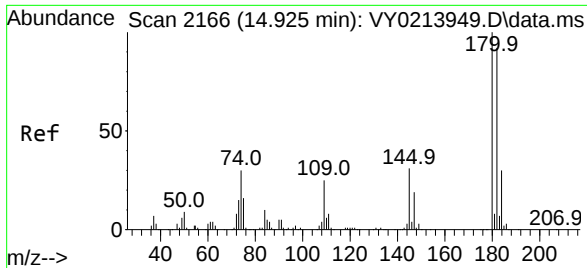
Tgt Ion:146 Resp: 207515
Ion Ratio Lower Upper
146 100
111 41.7 20.7 62.1
148 63.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.309 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion: 75 Resp: 14325
Ion Ratio Lower Upper
75 100
155 85.1 43.5 130.5
157 107.2 54.4 163.2

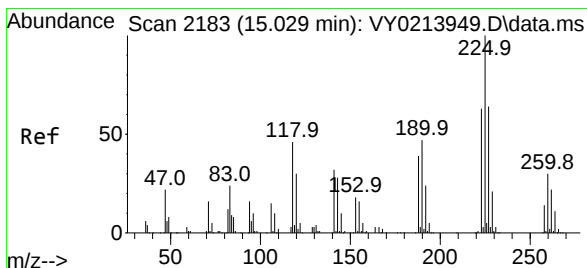
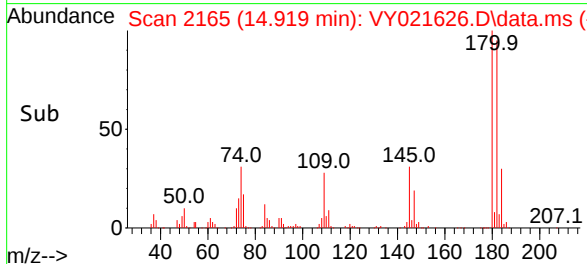
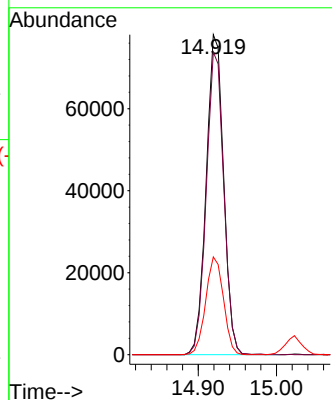
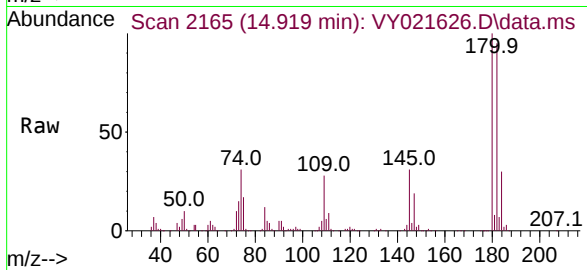




#93
 1,2,4-Trichlorobenzene
 Concen: 51.196 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

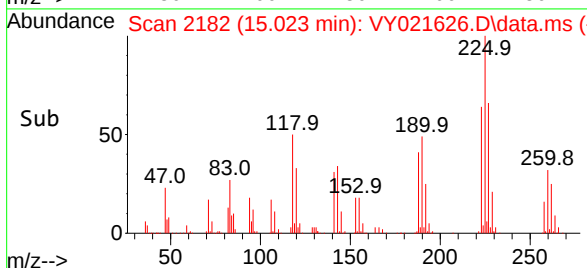
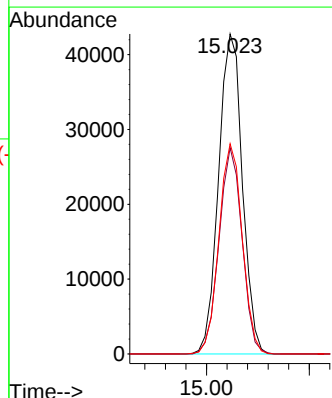
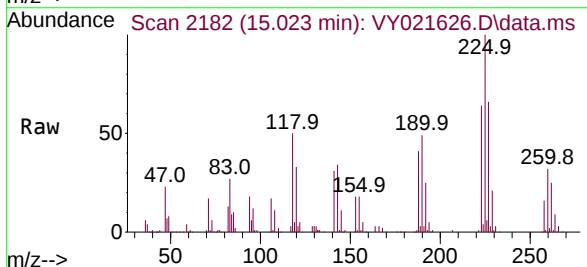
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

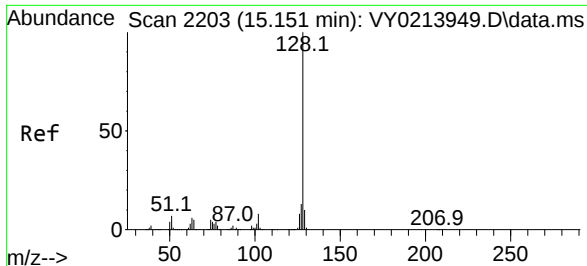
Tgt Ion:180 Resp: 120226
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.7 140.0
 145 31.2 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 46.605 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021626.D
 Acq: 24 Mar 2025 18:21

Tgt Ion:225 Resp: 68605
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.4 94.2
 227 64.3 31.8 95.4

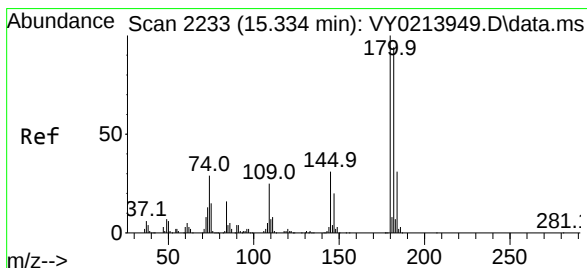
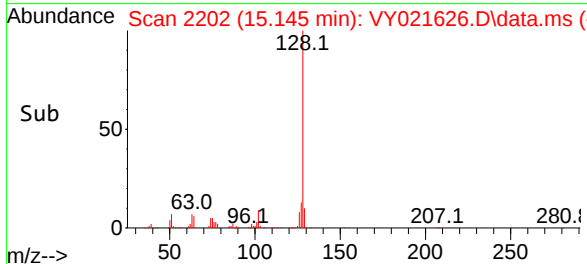
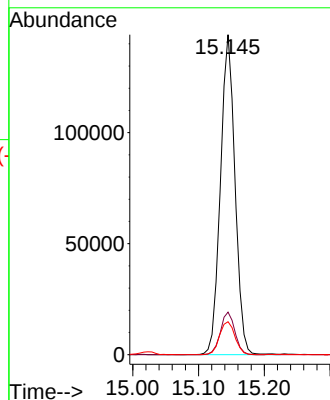
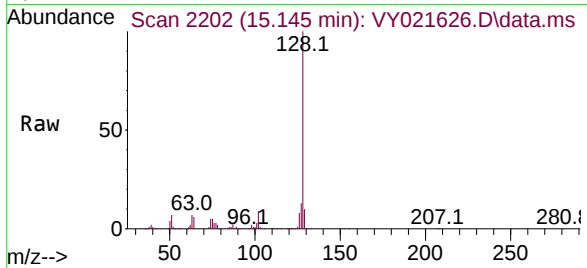




#95
Naphthalene
Concen: 55.292 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 222359
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.625 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021626.D
Acq: 24 Mar 2025 18:21

Tgt Ion:180 Resp: 107888
Ion Ratio Lower Upper
180 100
182 92.8 47.2 141.6
145 31.6 16.4 49.1

