

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020728.D
 Acq On : 26 Dec 2024 19:34
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 27 00:37:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	118688	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	172132	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	148030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	76525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	57538	59.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.380%	
35) Dibromofluoromethane	7.640	113	52517	55.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.780%	
50) Toluene-d8	10.109	98	201423	53.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.600%	
62) 4-Bromofluorobenzene	12.408	95	70702	56.112	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 112.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	42146	45.114	ug/l	94
3) Chloromethane	2.074	50	18374	52.737	ug/l	94
4) Vinyl Chloride	2.208	62	21249	49.224	ug/l	96
5) Bromomethane	2.604	94	16604	50.944	ug/l	93
6) Chloroethane	2.745	64	13180	50.896	ug/l	97
7) Trichlorofluoromethane	3.068	101	73042	44.000	ug/l	98
8) Diethyl Ether	3.464	74	21450	54.301	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	43414	47.637	ug/l	99
10) Methyl Iodide	4.013	142	51674	51.852	ug/l	100
11) Tert butyl alcohol	4.878	59	16118	266.739	ug/l #	81
12) 1,1-Dichloroethene	3.799	96	40626	50.083	ug/l	97
13) Acrolein	3.659	56	3260	160.414	ug/l	98
14) Allyl chloride	4.391	41	50835	53.553	ug/l	93
15) Acrylonitrile	5.073	53	40816	267.470	ug/l	97
16) Acetone	3.879	43	29116	236.085	ug/l	97
17) Carbon Disulfide	4.116	76	104201	52.366	ug/l	98
18) Methyl Acetate	4.391	43	18350	54.975	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	118115	52.242	ug/l	98
20) Methylene Chloride	4.628	84	43712	54.496	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	46151	52.798	ug/l	97
22) Diisopropyl ether	6.025	45	108472	56.213	ug/l	99
23) Vinyl Acetate	5.970	43	314401	272.779	ug/l	96
24) 1,1-Dichloroethane	5.927	63	76973	53.204	ug/l	98
25) 2-Butanone	6.896	43	45661	274.081	ug/l	90
26) 2,2-Dichloropropane	6.890	77	83233	47.004	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	55233	52.764	ug/l	97
28) Bromochloromethane	7.250	49	23832	62.291	ug/l	98
29) Tetrahydrofuran	7.262	42	28493	278.632	ug/l	99
30) Chloroform	7.427	83	95317	51.215	ug/l	99
31) Cyclohexane	7.707	56	56780	45.467	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	96771	48.508	ug/l	100
36) 1,1-Dichloropropene	7.841	75	59925	47.847	ug/l	98
37) Ethyl Acetate	6.988	43	21782	52.779	ug/l	98
38) Carbon Tetrachloride	7.823	117	92693	44.945	ug/l	96
39) Methylcyclohexane	9.115	83	73974	46.082	ug/l	95
40) Benzene	8.085	78	184941	50.952	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	12457	59.754	ug/l	94
42) 1,2-Dichloroethane	8.164	62	58148	49.961	ug/l	99
43) Isopropyl Acetate	8.201	43	45902	52.327	ug/l	100
44) Trichloroethene	8.865	130	52902	48.797	ug/l	97
45) 1,2-Dichloropropane	9.146	63	38629	52.575	ug/l	99
46) Dibromomethane	9.237	93	25757	50.665	ug/l	96
47) Bromodichloromethane	9.426	83	71632	49.700	ug/l	93
48) Methyl methacrylate	9.225	41	20264	49.466	ug/l	98
49) 1,4-Dioxane	9.237	88	5473	1130.206	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	111120	262.443	ug/l	99
52) Toluene	10.170	92	126070	50.676	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	63222	49.943	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	70450	50.773	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	33307	51.326	ug/l	96
56) Ethyl methacrylate	10.444	69	44306	51.971	ug/l	97
57) 1,3-Dichloropropane	10.719	76	53860	51.138	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.713	63	89410	300.757	ug/l	99
59) 2-Hexanone	10.761	43	76163	272.444	ug/l	98
60) Dibromochloromethane	10.914	129	51420	49.038	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30175	49.418	ug/l	98
64) Tetrachloroethene	10.652	164	47206	46.676	ug/l	98
65) Chlorobenzene	11.444	112	143586	49.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	54805	48.804	ug/l	99
67) Ethyl Benzene	11.524	91	251000	49.546	ug/l	99
68) m/p-Xylenes	11.633	106	190725	98.695	ug/l	99
69) o-Xylene	11.956	106	91171	49.380	ug/l	100
70) Styrene	11.969	104	156202	50.397	ug/l	98
71) Bromoform	12.133	173	32013	49.586	ug/l #	99
73) Isopropylbenzene	12.255	105	249657	47.089	ug/l	99
74) N-amyl acetate	12.072	43	39222	52.059	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	33686	49.563	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	48645	99.947	ug/l #	100
77) Bromobenzene	12.536	156	59248	48.546	ug/l	100
78) n-propylbenzene	12.597	91	282155	47.482	ug/l	99
79) 2-Chlorotoluene	12.682	91	162993	48.116	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	212033	48.002	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12073	49.030	ug/l	96
82) 4-Chlorotoluene	12.779	91	167778	47.924	ug/l	100
83) tert-Butylbenzene	12.999	119	191560	46.437	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	209170	48.661	ug/l	99
85) sec-Butylbenzene	13.176	105	259512	46.679	ug/l	99
86) p-Isopropyltoluene	13.292	119	231821	46.789	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	113309	47.503	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	112454	47.392	ug/l	98
89) n-Butylbenzene	13.621	91	190714	46.112	ug/l	99
90) Hexachloroethane	13.883	117	43349	46.011	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	100450	49.115	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6413	48.649	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	59790	45.993	ug/l	100
94) Hexachlorobutadiene	15.029	225	40572	42.822	ug/l	100
95) Naphthalene	15.151	128	97419	46.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	50331	46.500	ug/l	99

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ClientSampleId :
VSTDCCC050EC

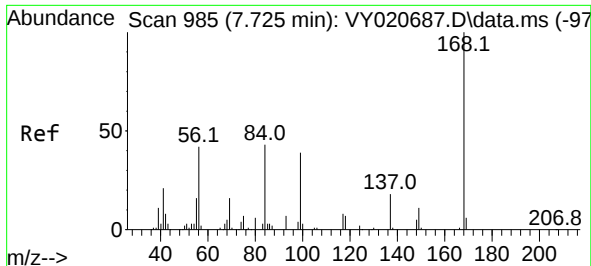
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Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

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

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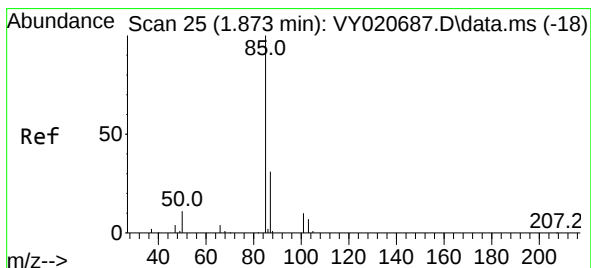
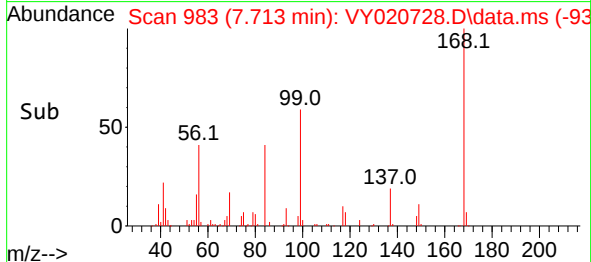
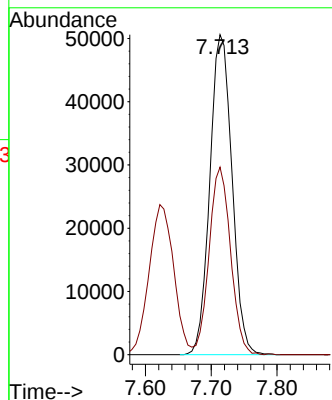
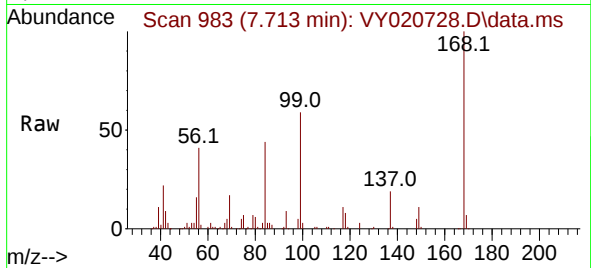




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

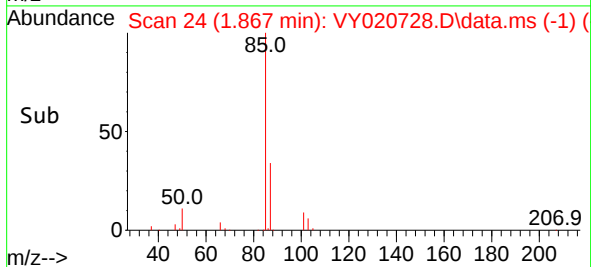
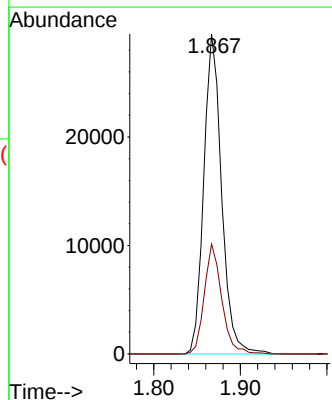
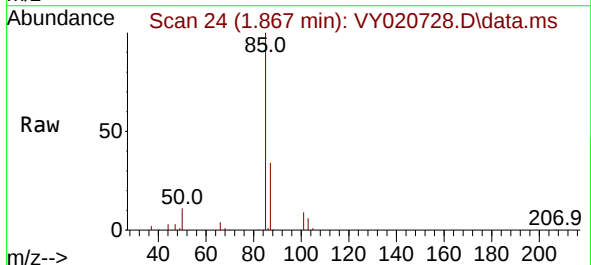
Instrument :
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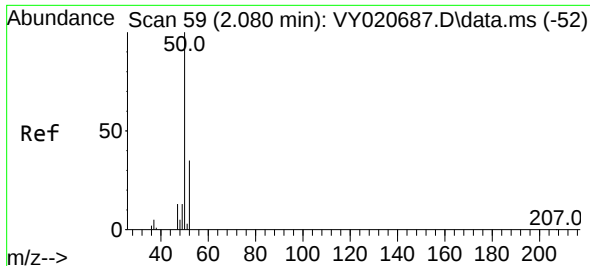
Tgt Ion:168 Resp: 118688
Ion Ratio Lower Upper
168 100
99 58.6 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 45.114 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 85 Resp: 42146
Ion Ratio Lower Upper
85 100
87 34.4 15.4 46.4

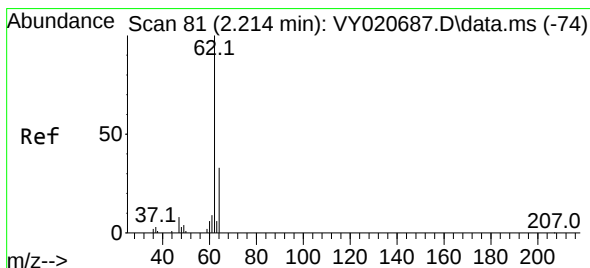
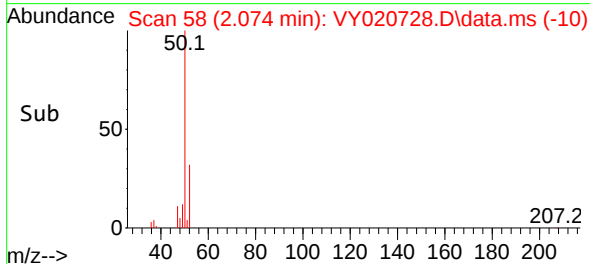
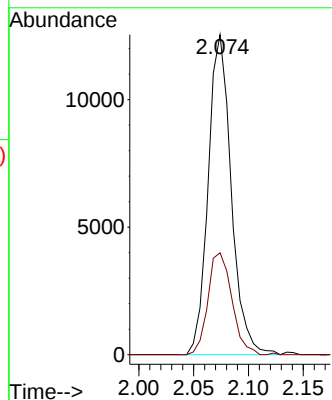
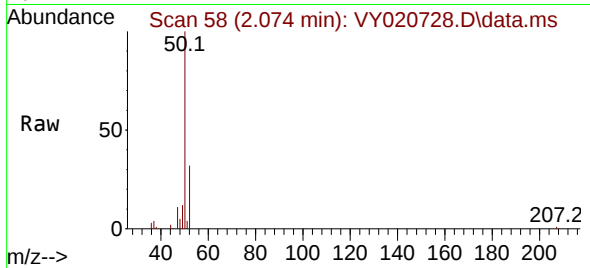




#3
Chloromethane
Concen: 52.737 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

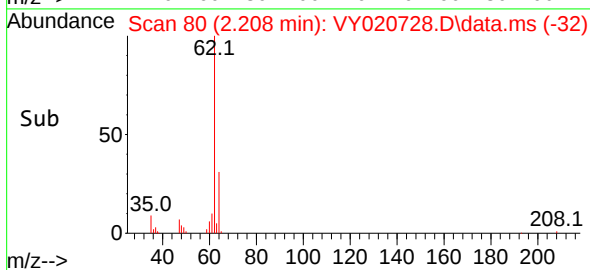
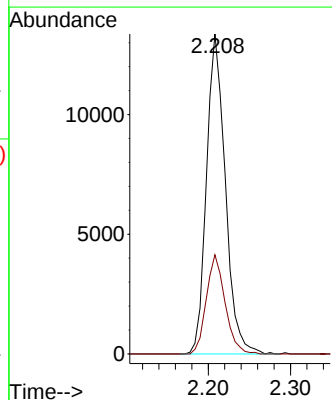
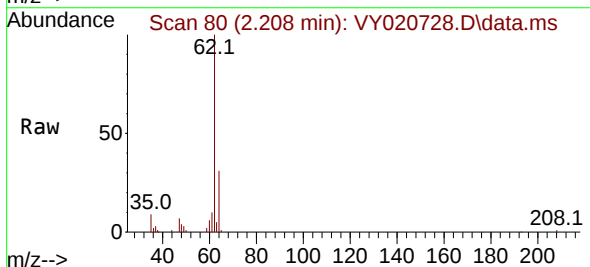
Instrument :
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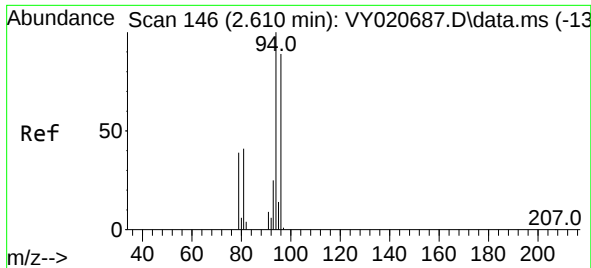
Tgt Ion: 50 Resp: 18374
Ion Ratio Lower Upper
50 100
52 31.9 28.2 42.2



#4
Vinyl Chloride
Concen: 49.224 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 62 Resp: 21249
Ion Ratio Lower Upper
62 100
64 31.0 26.6 40.0

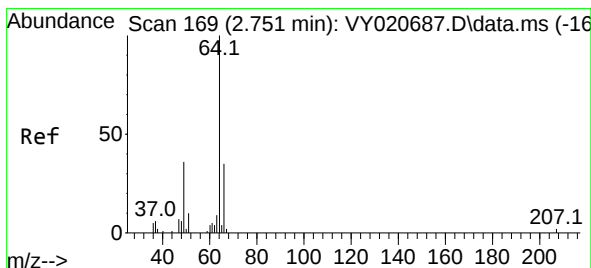
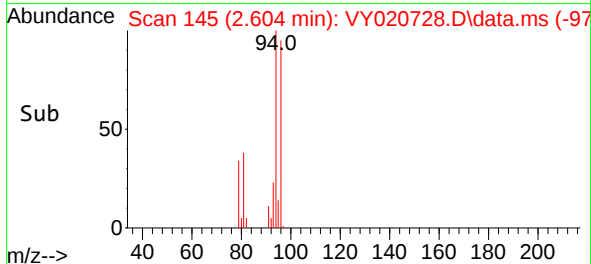
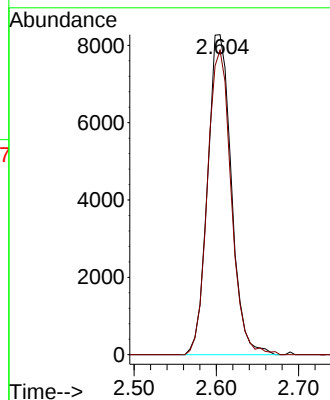
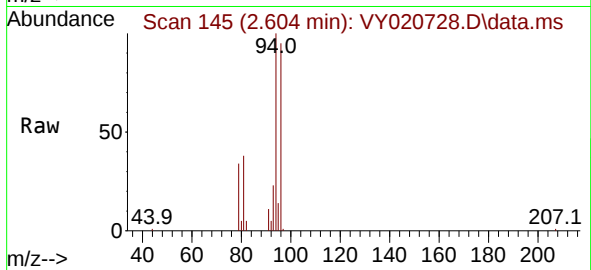




#5
Bromomethane
Concen: 50.944 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

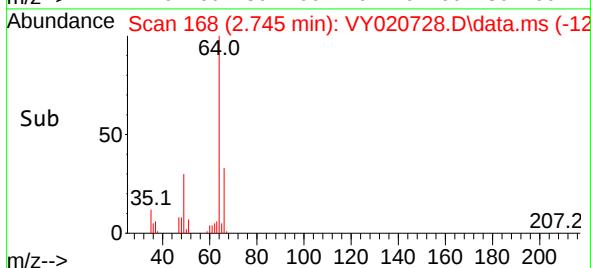
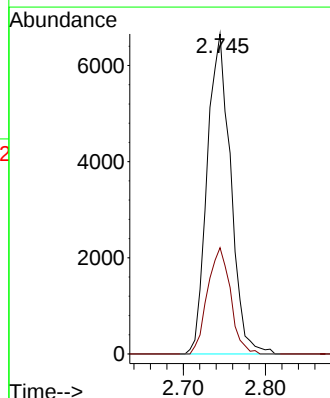
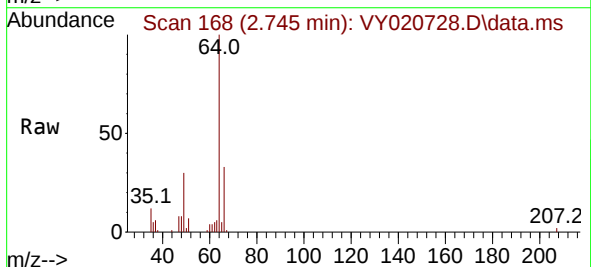
Instrument :
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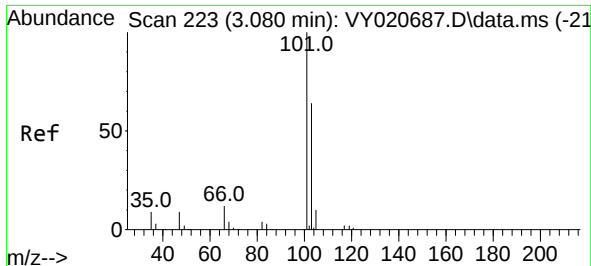
Tgt Ion: 94 Resp: 16604
Ion Ratio Lower Upper
94 100
96 95.1 71.0 106.6



#6
Chloroethane
Concen: 50.896 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 64 Resp: 13180
Ion Ratio Lower Upper
64 100
66 33.2 27.8 41.8

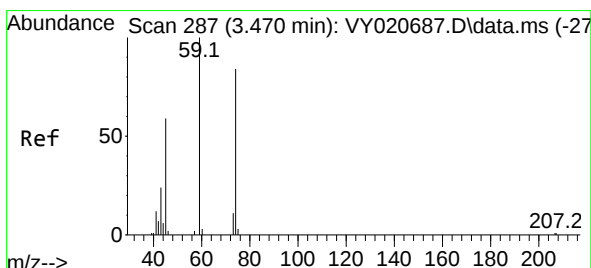
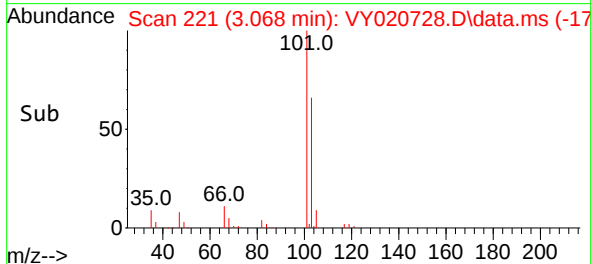
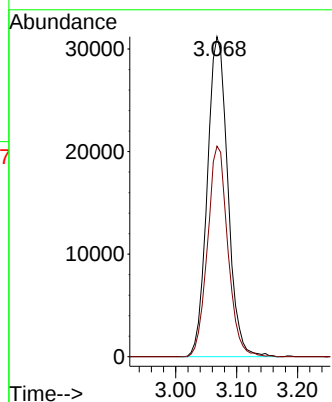
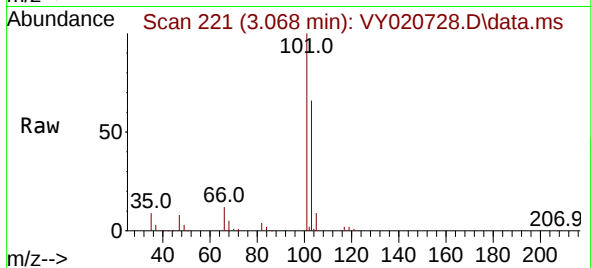




#7
Trichlorofluoromethane
Concen: 44.000 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

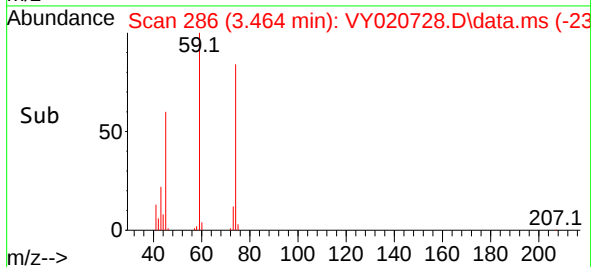
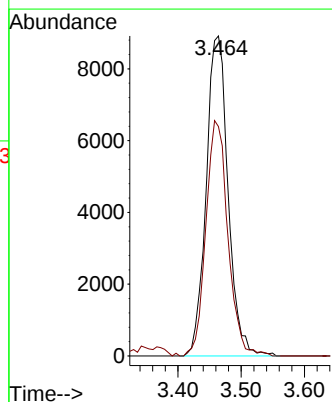
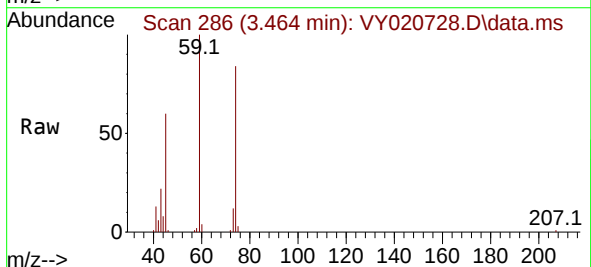
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VSTDCCC050EC

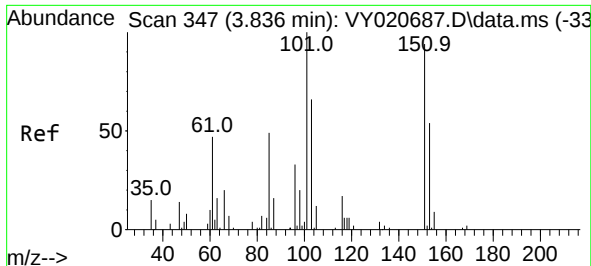
Tgt Ion:101 Resp: 73042
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.0



#8
Diethyl Ether
Concen: 54.301 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 74 Resp: 21450
Ion Ratio Lower Upper
74 100
45 74.1 35.8 107.4

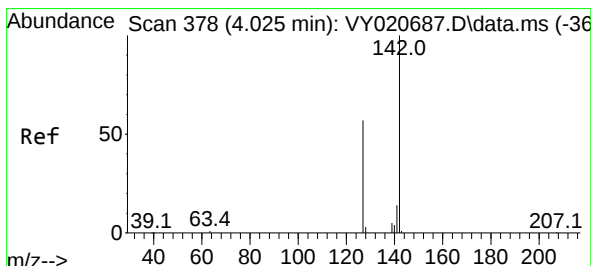
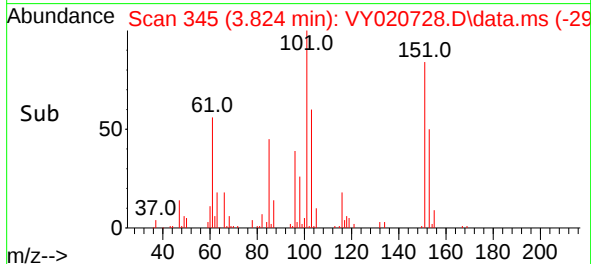
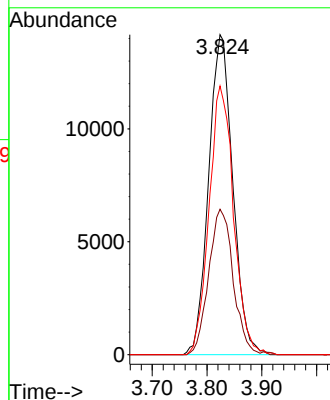
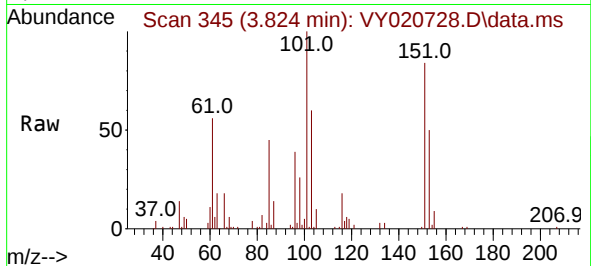




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.637 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY020728.D
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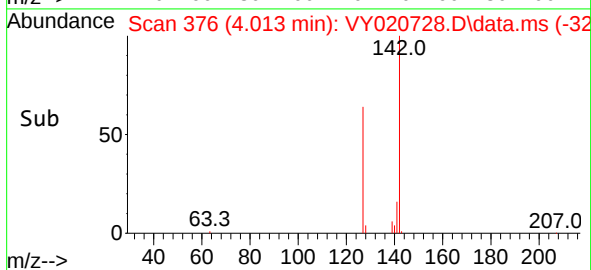
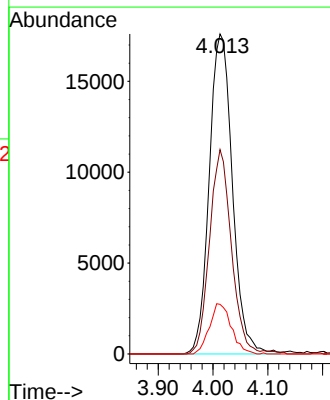
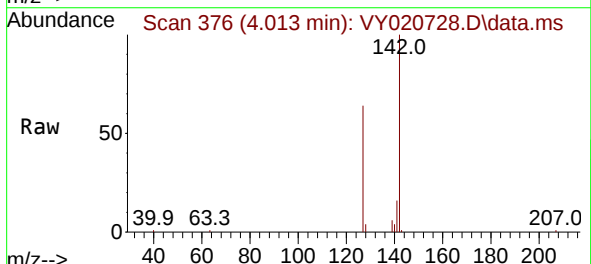
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

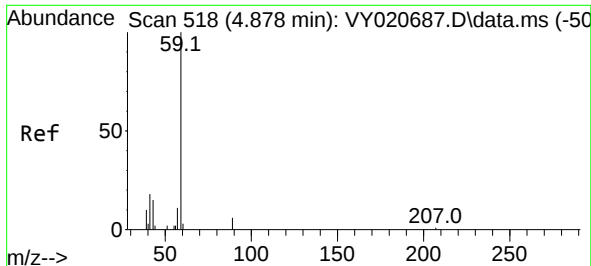
Tgt Ion:101 Resp: 43414
Ion Ratio Lower Upper
101 100
85 46.1 38.2 57.2
151 85.1 68.4 102.6



#10
Methyl Iodide
Concen: 51.852 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion:142 Resp: 51674
Ion Ratio Lower Upper
142 100
127 60.7 48.8 73.2
141 14.8 11.9 17.9

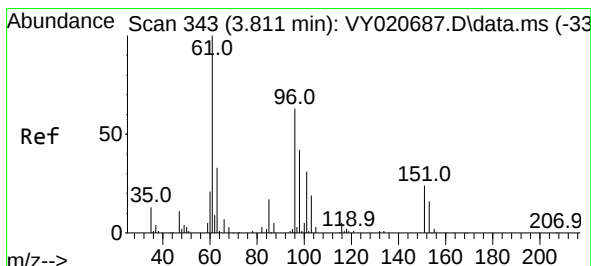
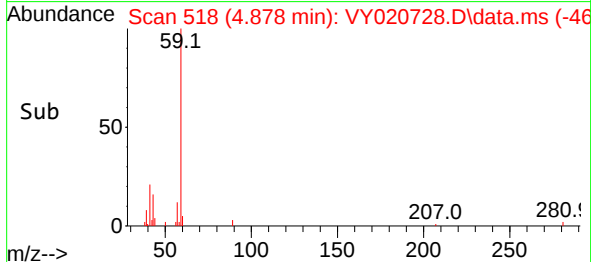
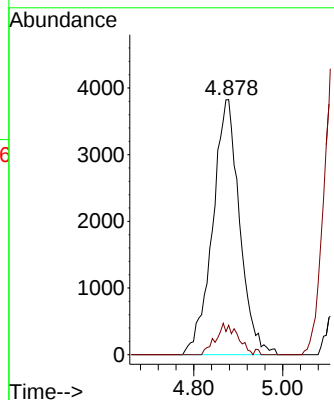
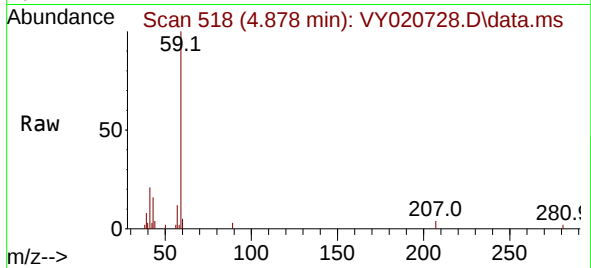




#11
Tert butyl alcohol
Concen: 266.739 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

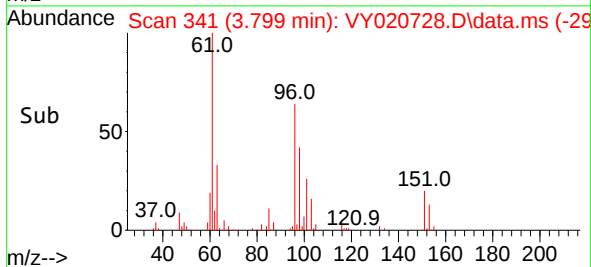
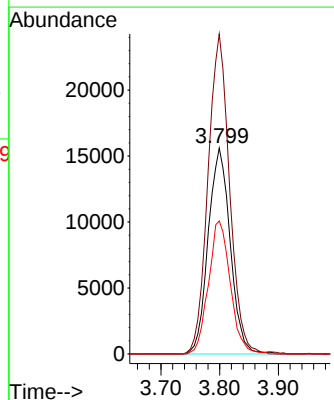
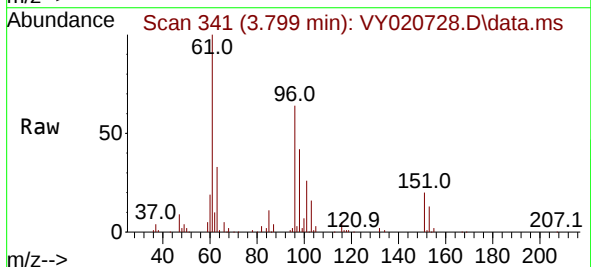
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

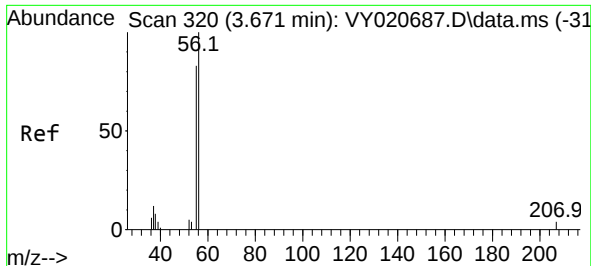
Tgt Ion: 59 Resp: 16118
Ion Ratio Lower Upper
59 100
57 9.7 2.8 4.2#



#12
1,1-Dichloroethene
Concen: 50.083 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 96 Resp: 40626
Ion Ratio Lower Upper
96 100
61 155.5 127.1 190.7
98 64.6 53.4 80.0

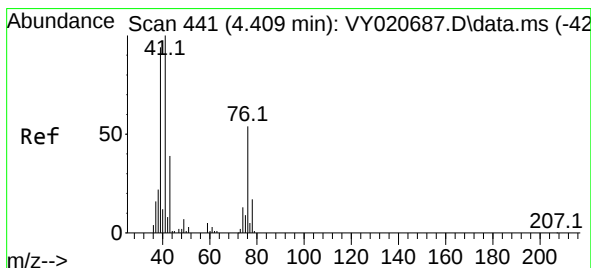
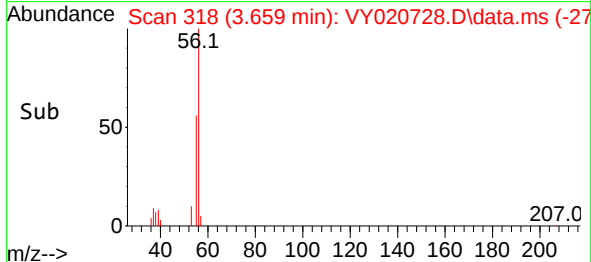
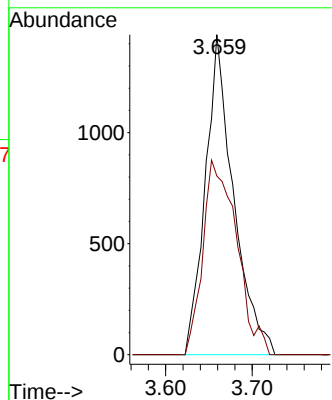
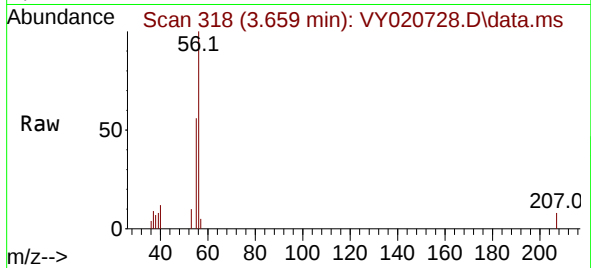




#13
Acrolein
Concen: 160.414 ug/l
RT: 3.659 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

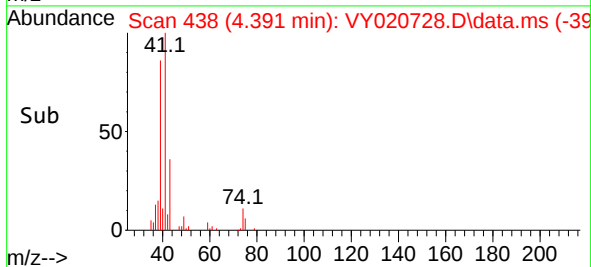
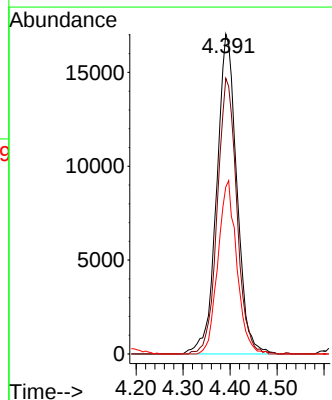
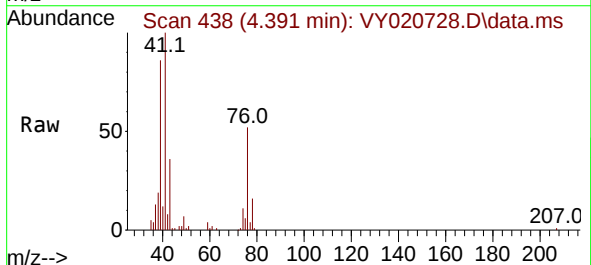
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

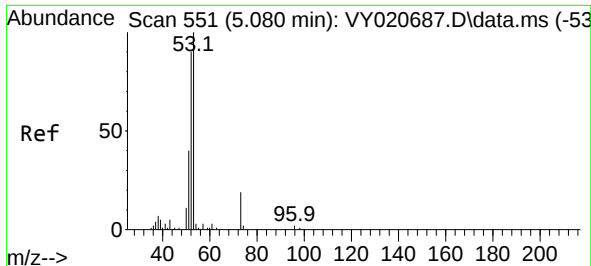
Tgt Ion: 56 Resp: 3260
Ion Ratio Lower Upper
56 100
55 72.7 57.0 85.4



#14
Allyl chloride
Concen: 53.553 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.018 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 41 Resp: 50835
Ion Ratio Lower Upper
41 100
39 83.2 73.5 110.3
76 50.6 41.8 62.8

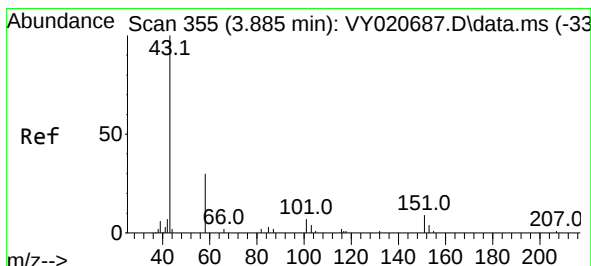
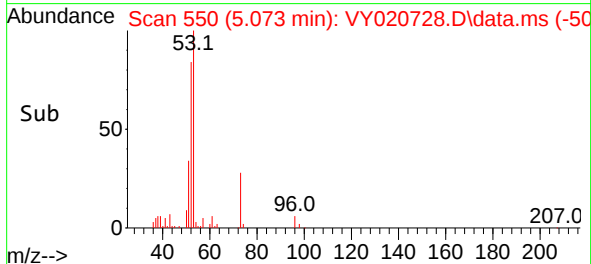
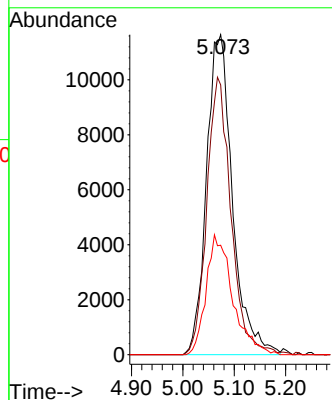
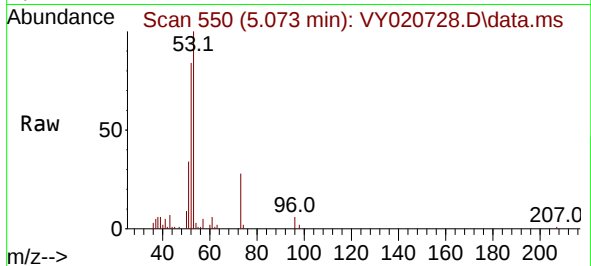




#15
Acrylonitrile
Concen: 267.470 ug/l
RT: 5.073 min Scan# 51
Delta R.T. -0.007 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

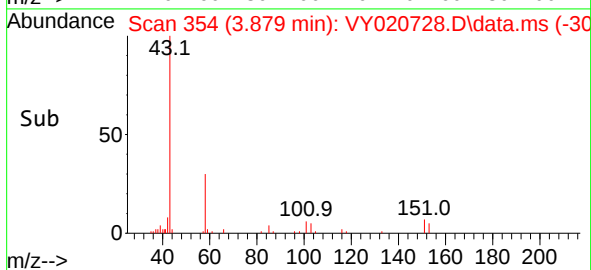
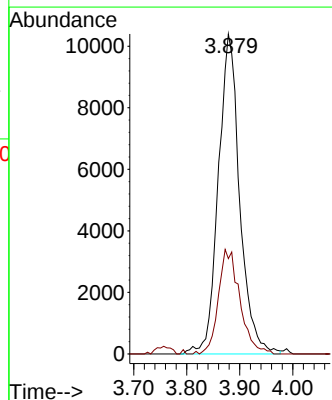
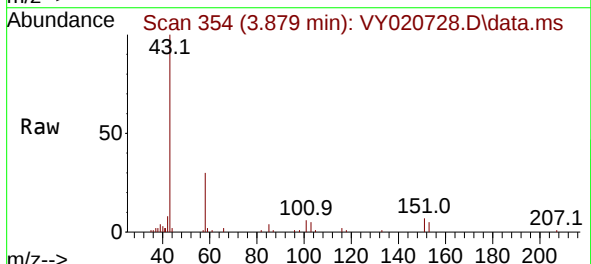
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

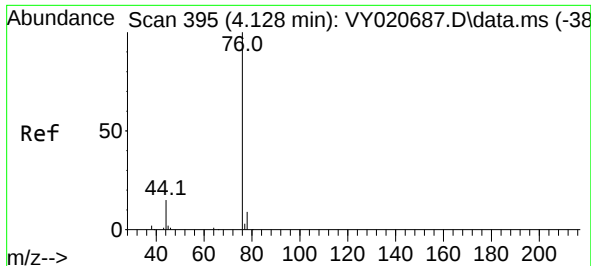
Tgt Ion: 53 Resp: 40816
Ion Ratio Lower Upper
53 100
52 81.0 67.1 100.7
51 38.4 31.4 47.0



#16
Acetone
Concen: 236.085 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 43 Resp: 29116
Ion Ratio Lower Upper
43 100
58 29.8 25.0 37.6

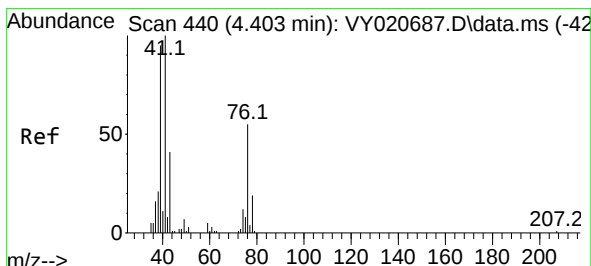
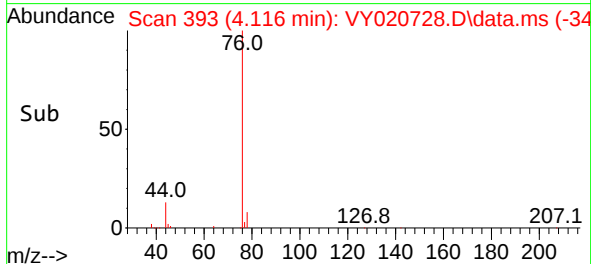
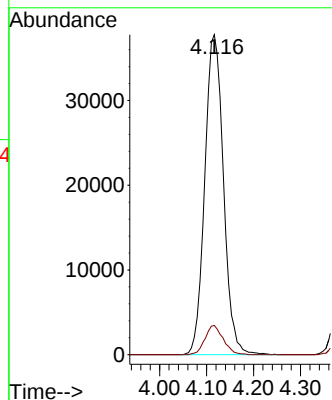
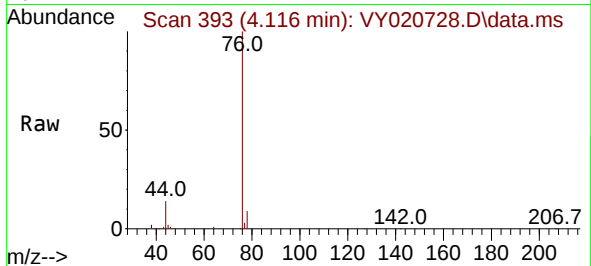




#17
Carbon Disulfide
Concen: 52.366 ug/l
RT: 4.116 min Scan# 395
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

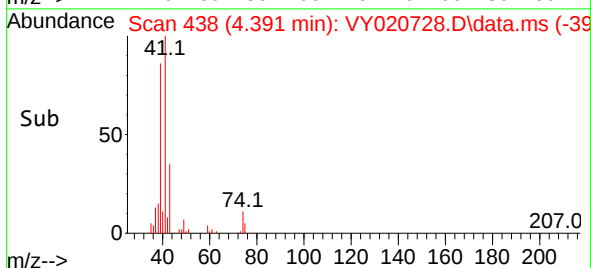
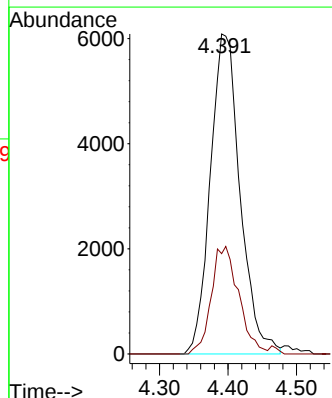
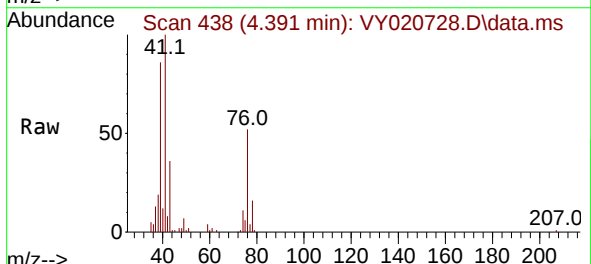
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

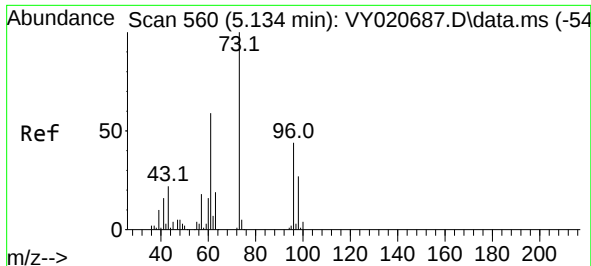
Tgt Ion: 76 Resp: 104201
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 54.975 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 43 Resp: 18350
Ion Ratio Lower Upper
43 100
74 31.0 25.3 37.9

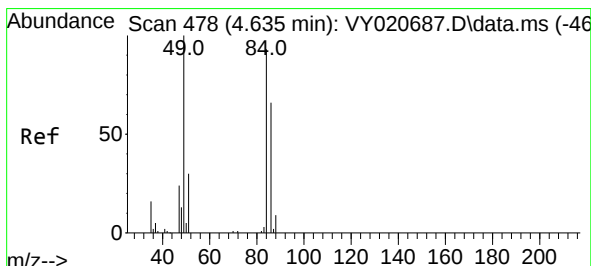
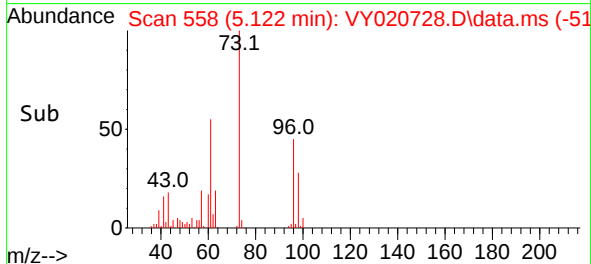
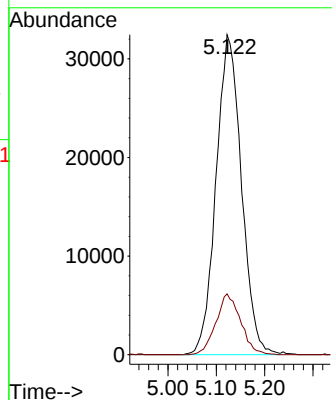
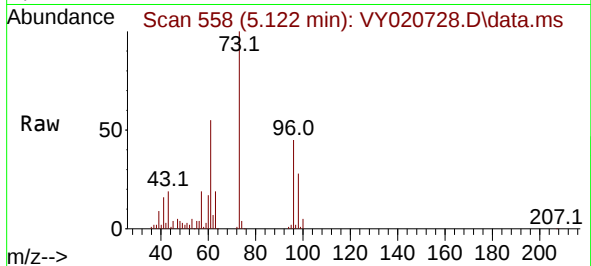




#19
Methyl tert-butyl Ether
Concen: 52.242 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

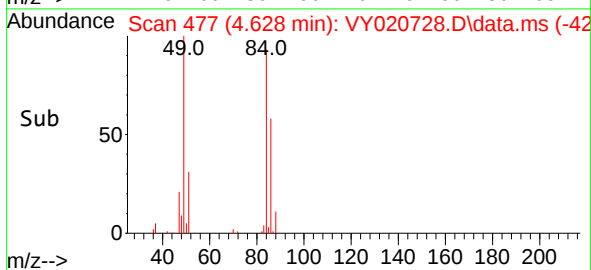
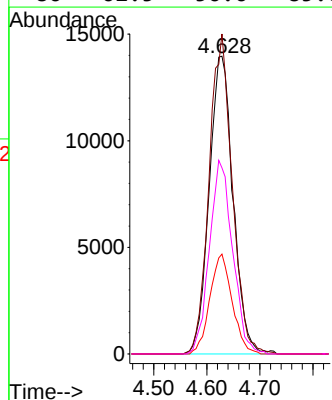
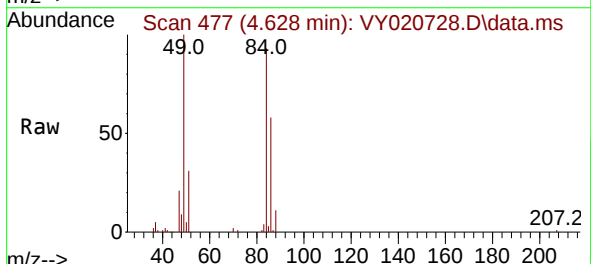
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

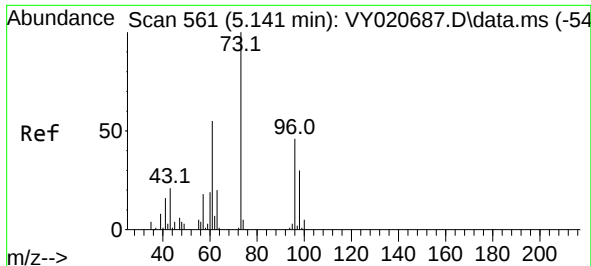
Tgt Ion: 73 Resp: 118115
Ion Ratio Lower Upper
73 100
57 19.0 14.4 21.6



#20
Methylene Chloride
Concen: 54.496 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 84 Resp: 43712
Ion Ratio Lower Upper
84 100
49 107.5 86.4 129.6
51 33.5 25.5 38.3
86 62.5 56.6 85.0

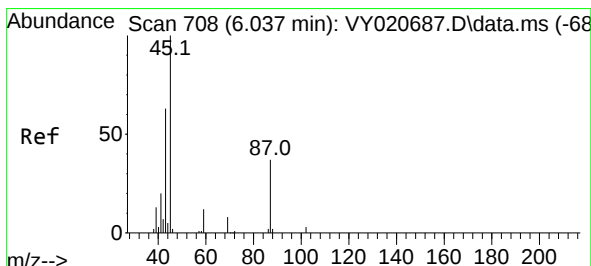
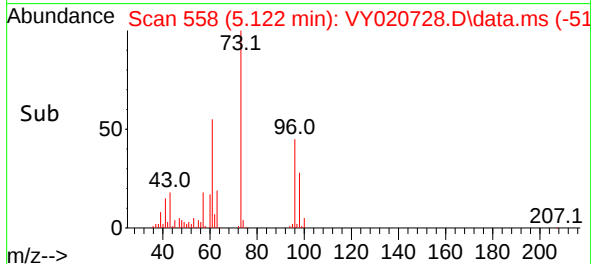
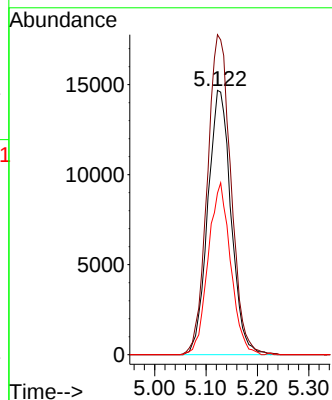
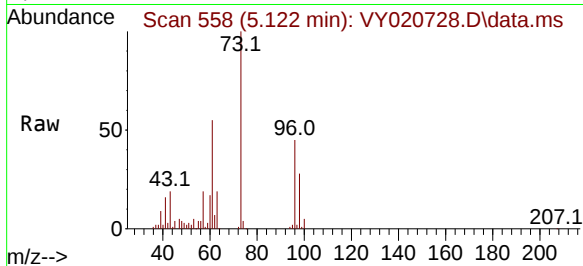




#21
trans-1,2-Dichloroethene
Concen: 52.798 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.019 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

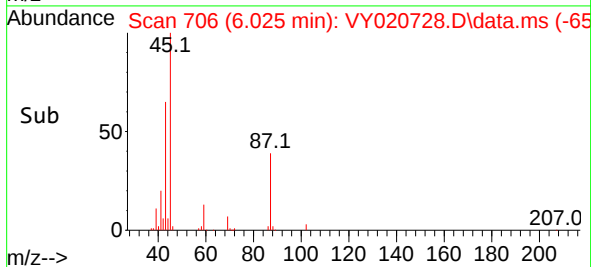
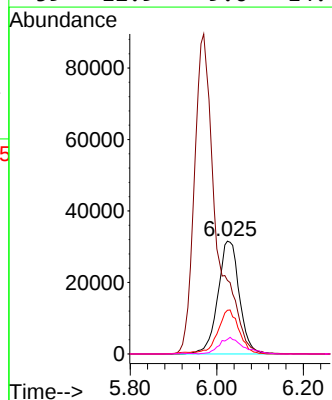
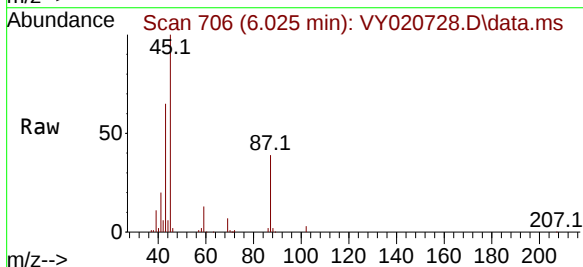
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

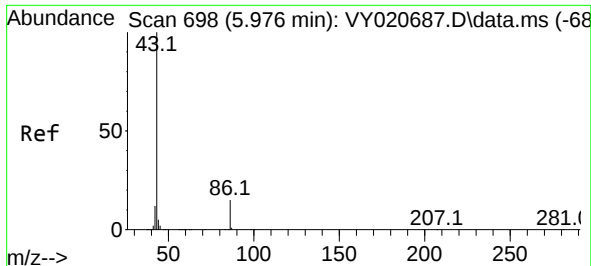
Tgt Ion: 96 Resp: 46151
Ion Ratio Lower Upper
96 100
61 121.1 96.1 144.1
98 61.1 52.7 79.1



#22
Diisopropyl ether
Concen: 56.213 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 45 Resp: 108472
Ion Ratio Lower Upper
45 100
43 64.9 51.3 76.9
87 38.7 30.6 46.0
59 12.9 9.6 14.4

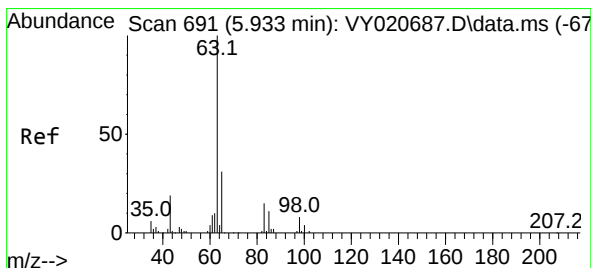
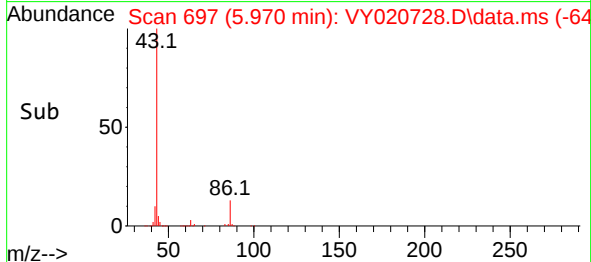
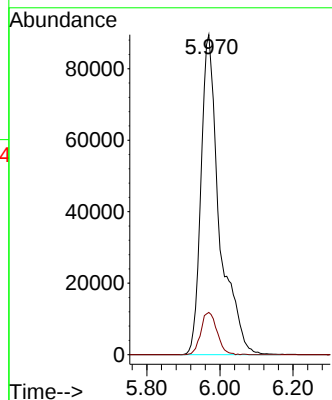
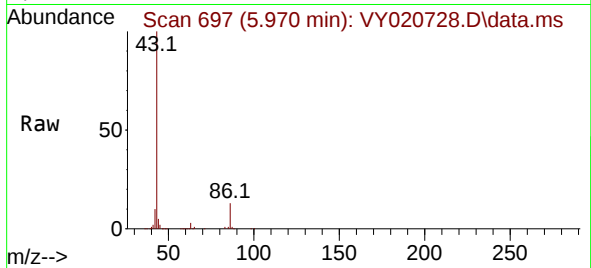




#23
 Vinyl Acetate
 Concen: 272.779 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020728.D
 Acq: 26 Dec 2024 19:34

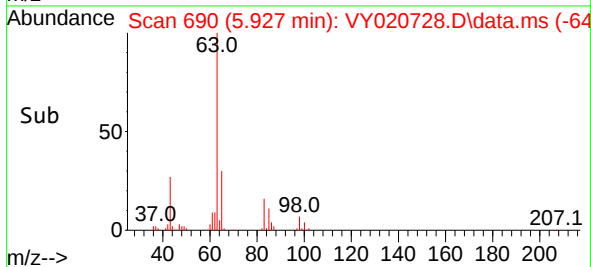
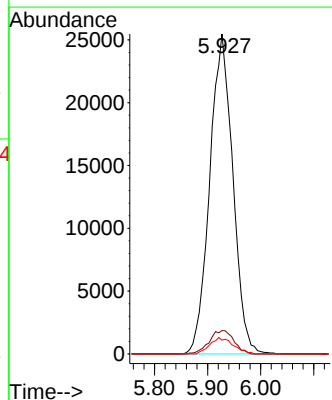
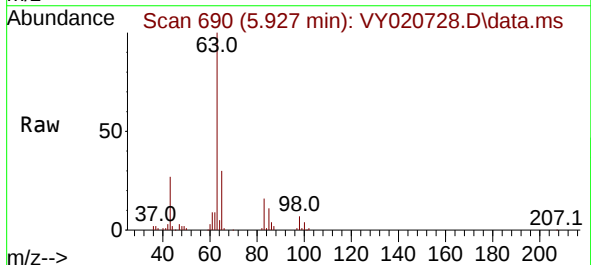
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

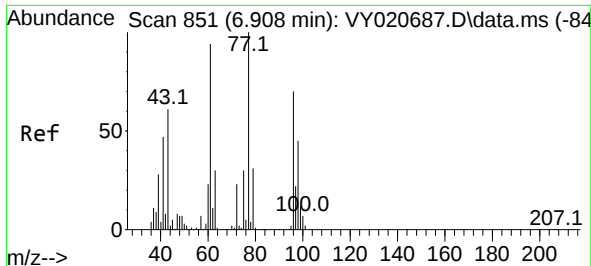
Tgt Ion: 43 Resp: 314401
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.0 18.0



#24
 1,1-Dichloroethane
 Concen: 53.204 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY020728.D
 Acq: 26 Dec 2024 19:34

Tgt Ion: 63 Resp: 76973
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.0
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 274.081 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

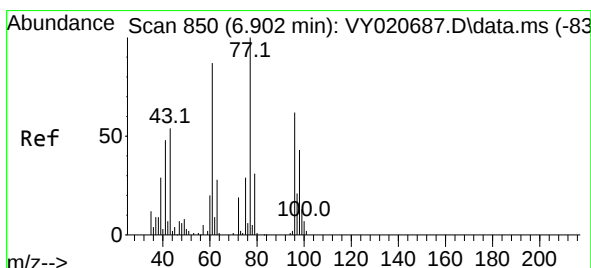
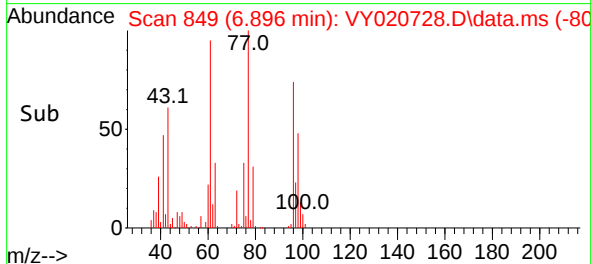
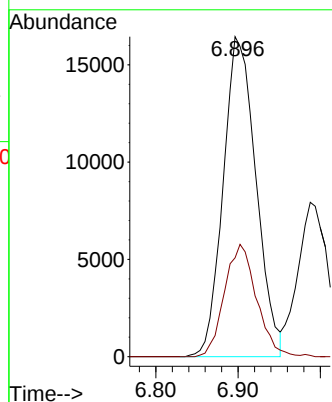
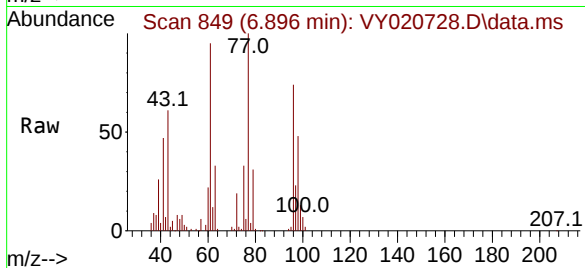
VSTDCCC050EC

Tgt Ion: 43 Resp: 45661

Ion Ratio Lower Upper

43 100

72 30.9 29.5 44.3



#26

2,2-Dichloropropane

Concen: 47.004 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY020728.D

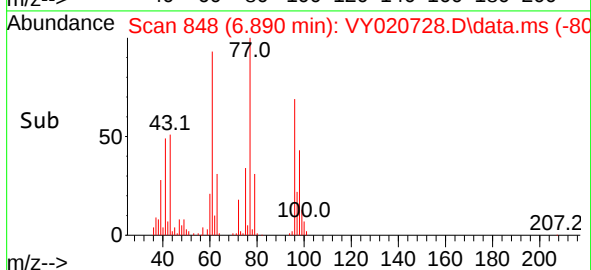
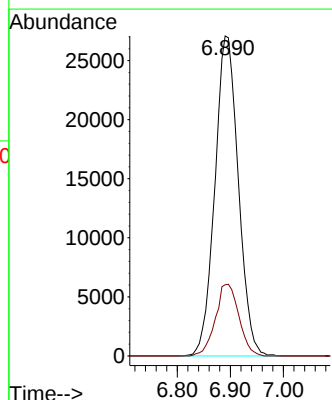
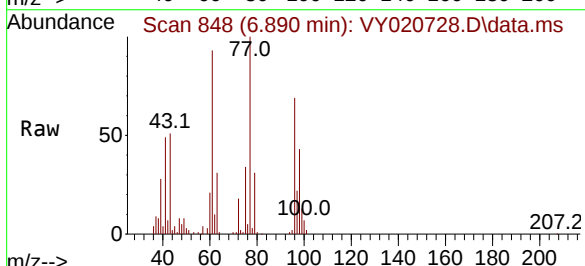
Acq: 26 Dec 2024 19:34

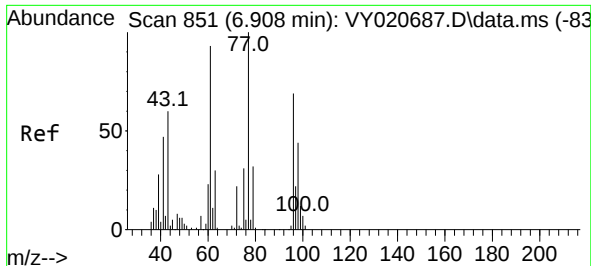
Tgt Ion: 77 Resp: 83233

Ion Ratio Lower Upper

77 100

97 22.4 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 52.764 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

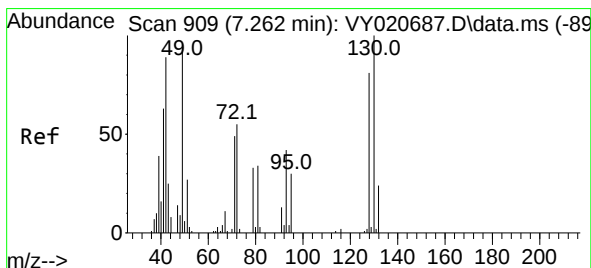
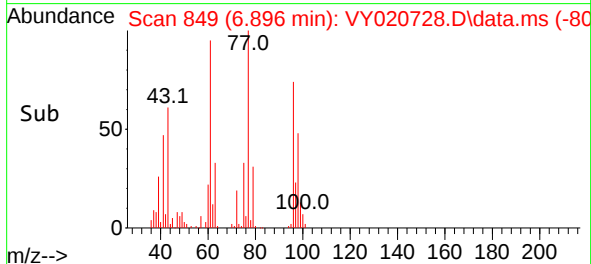
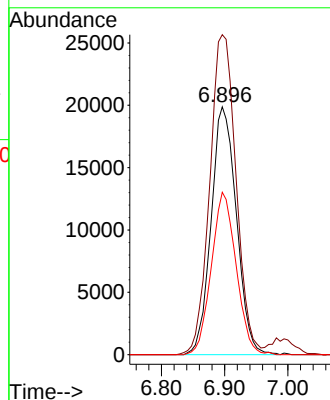
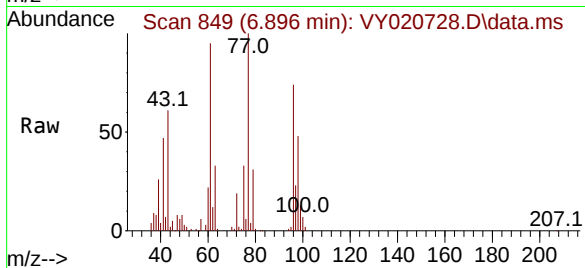
Tgt Ion: 96 Resp: 55233

Ion Ratio Lower Upper

96 100

61 134.1 0.0 277.2

98 64.2 0.0 131.0



#28

Bromochloromethane

Concen: 62.291 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

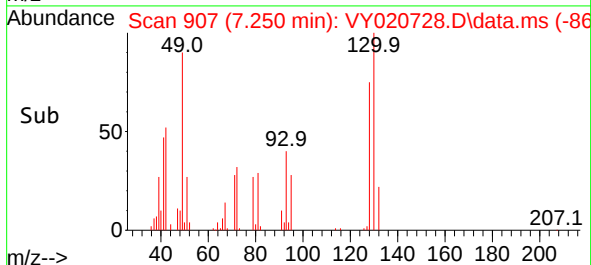
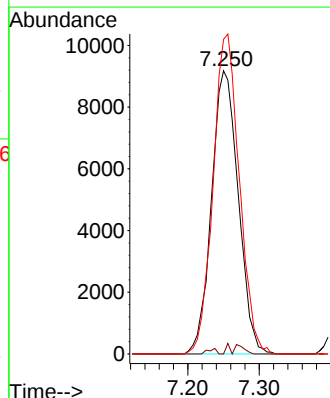
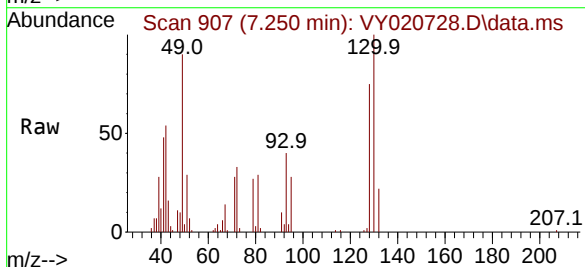
Tgt Ion: 49 Resp: 23832

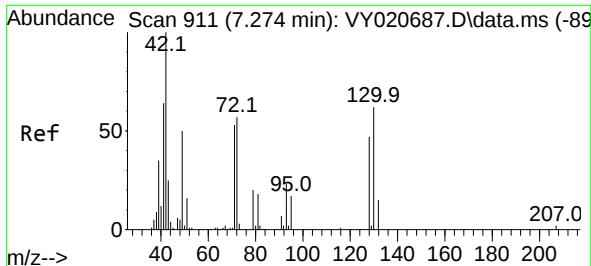
Ion Ratio Lower Upper

49 100

129 0.5 0.0 5.4

130 110.7 87.2 130.8

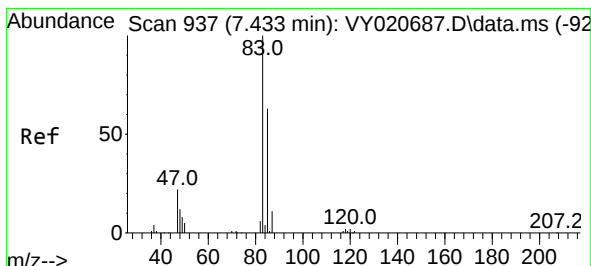
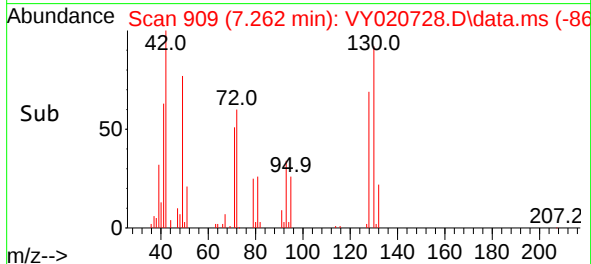
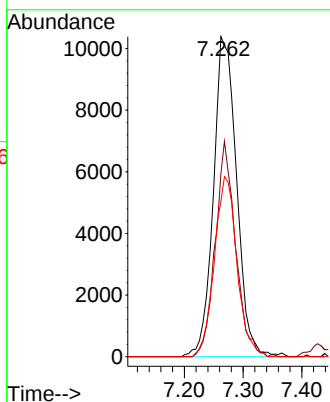
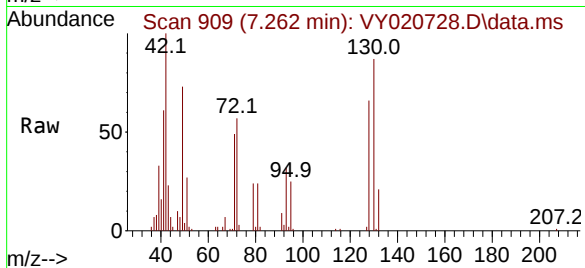




#29
Tetrahydrofuran
Concen: 278.632 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

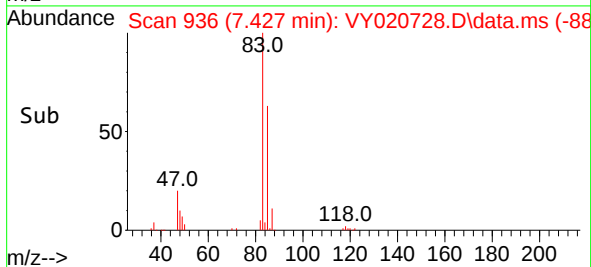
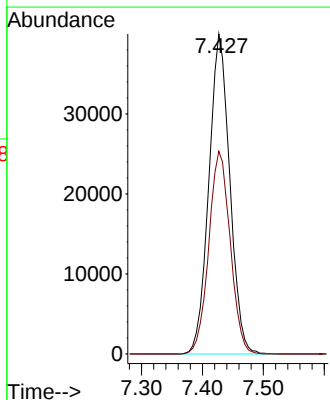
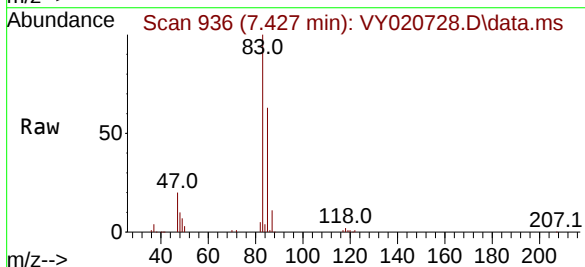
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

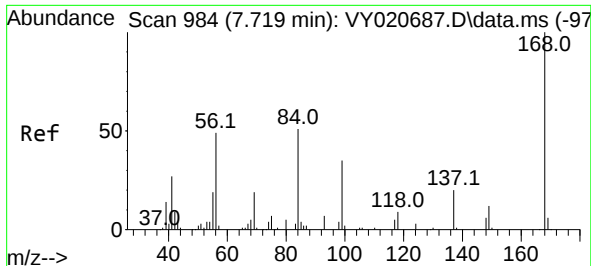
Tgt Ion:	42	Resp:	28493
Ion	Ratio	Lower	Upper
42	100		
72	59.0	47.4	71.0
71	54.7	42.8	64.2



#30
Chloroform
Concen: 51.215 ug/l
RT: 7.427 min Scan# 936
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion:	83	Resp:	95317
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.2	75.2

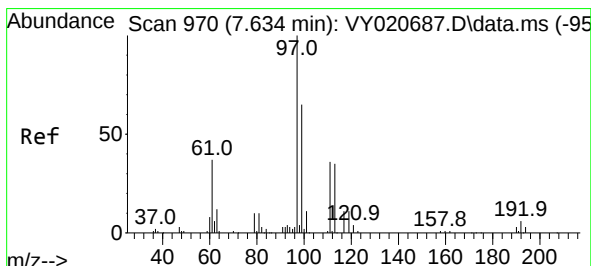
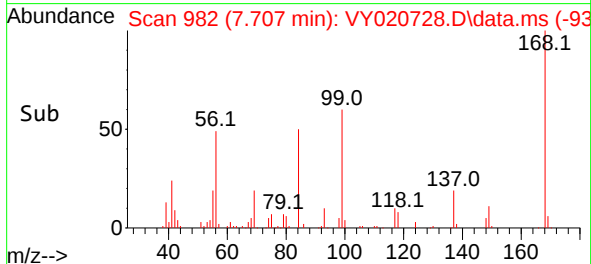
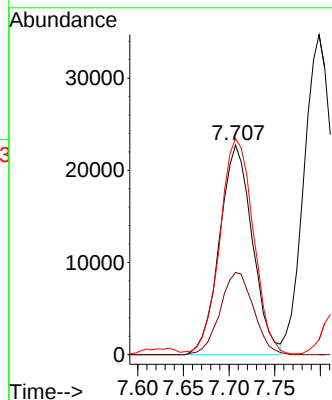
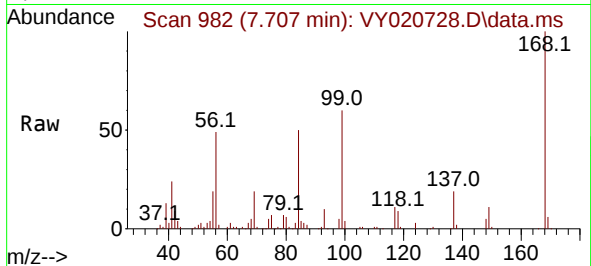




#31
Cyclohexane
Concen: 45.467 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

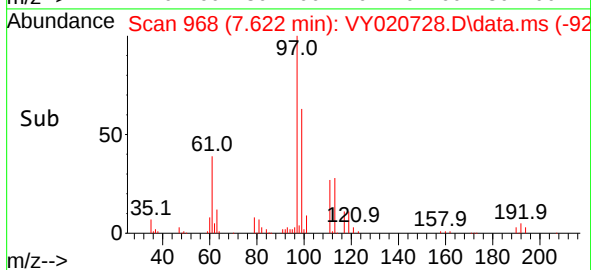
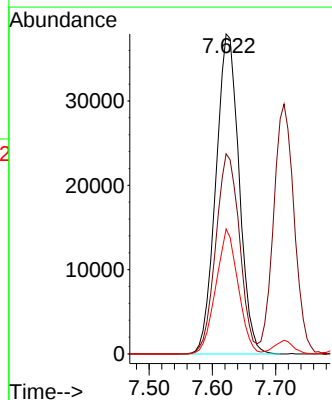
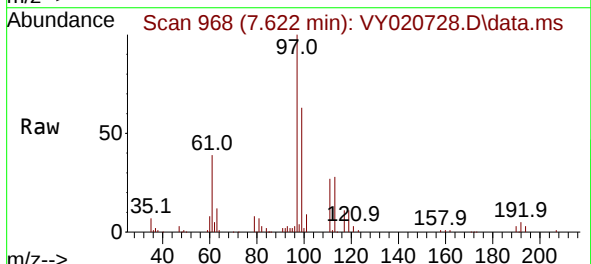
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

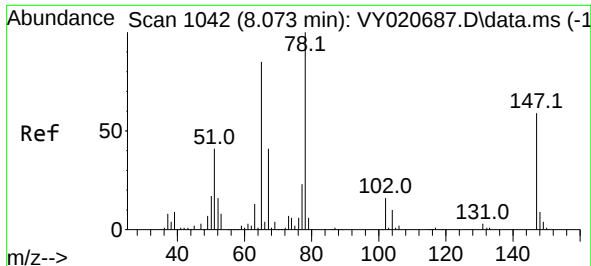
Tgt Ion: 56 Resp: 56780
Ion Ratio Lower Upper
56 100
69 39.2 31.3 46.9
84 101.8 83.9 125.9



#32
1,1,1-Trichloroethane
Concen: 48.508 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 97 Resp: 96771
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 37.6 30.0 45.0





#33

1,2-Dichloroethane-d4

Concen: 59.186 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

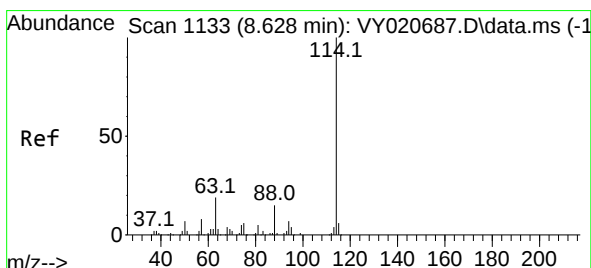
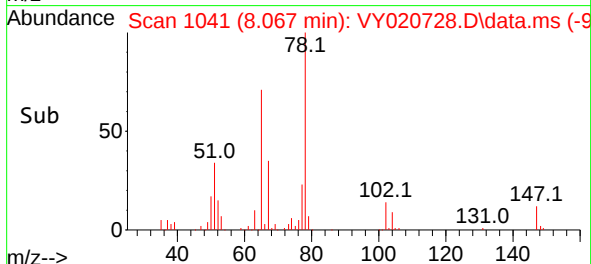
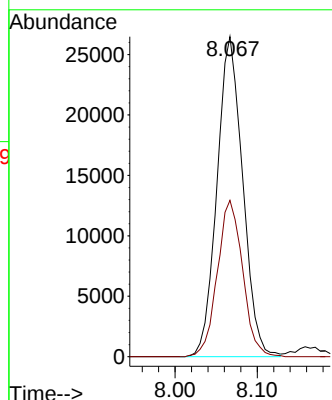
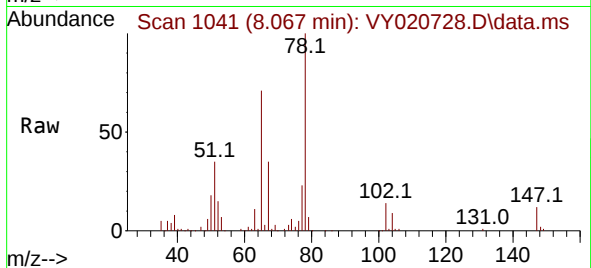
VSTDCCC050EC

Tgt Ion: 65 Resp: 57538

Ion Ratio Lower Upper

65 100

67 48.0 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

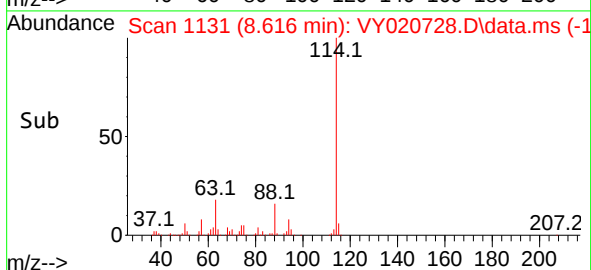
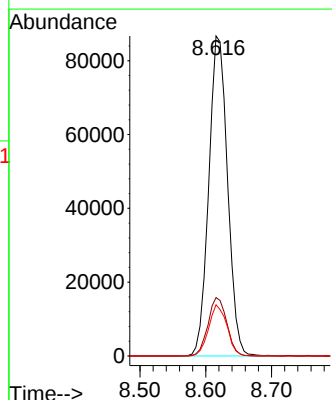
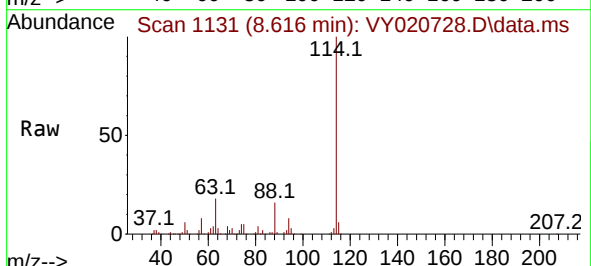
Tgt Ion: 114 Resp: 172132

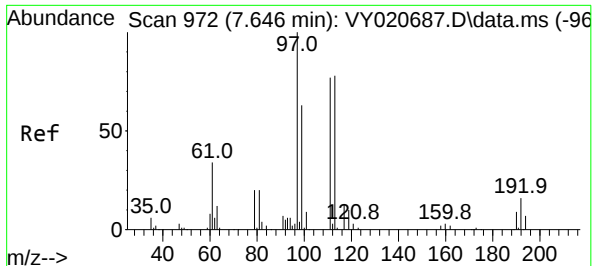
Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 16.0 0.0 30.4

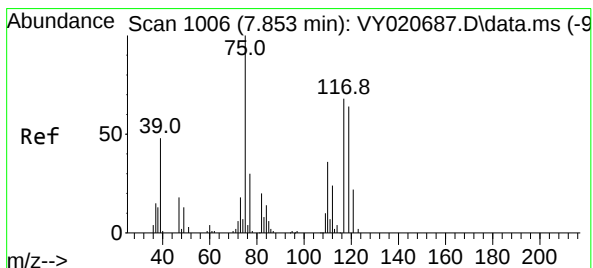
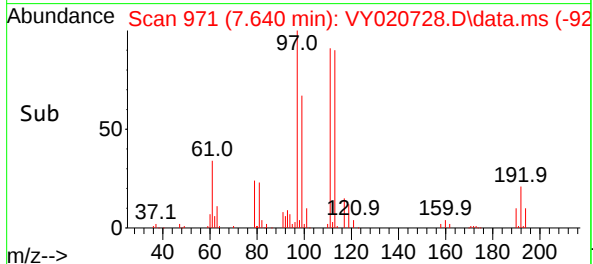
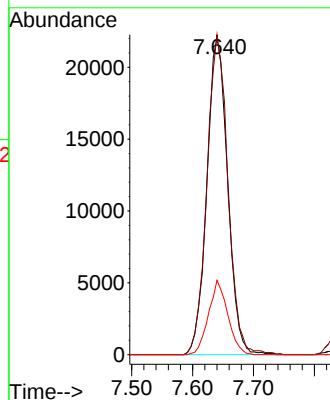
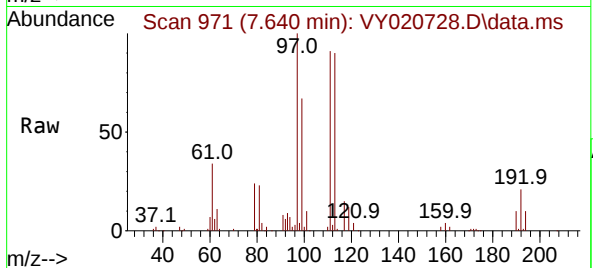




#35
Dibromofluoromethane
Concen: 55.390 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

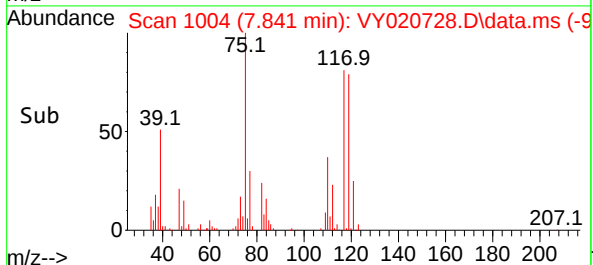
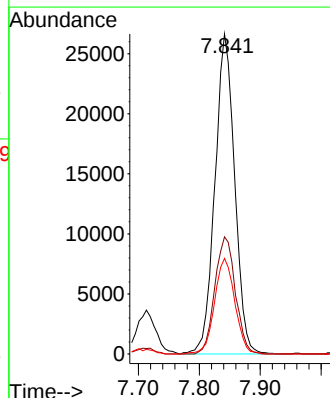
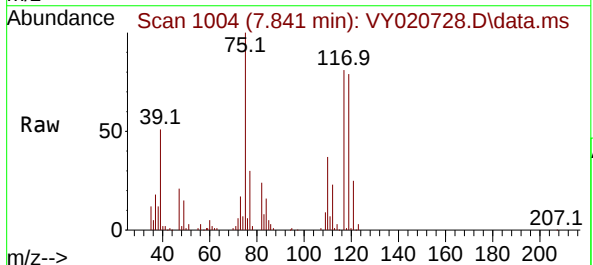
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

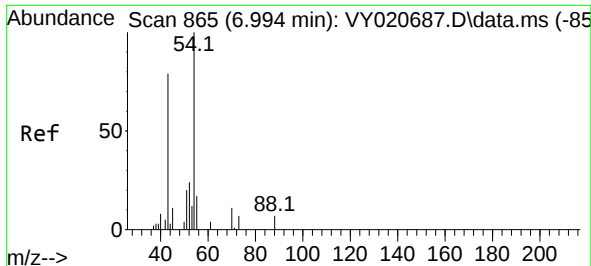
Tgt Ion:113 Resp: 52517
Ion Ratio Lower Upper
113 100
111 101.6 79.8 119.8
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 47.847 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 75 Resp: 59925
Ion Ratio Lower Upper
75 100
110 38.0 19.6 58.7
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 52.779 ug/l

RT: 6.988 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

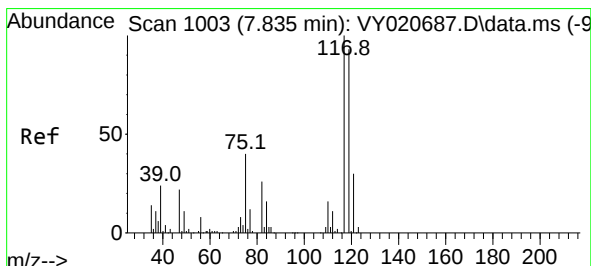
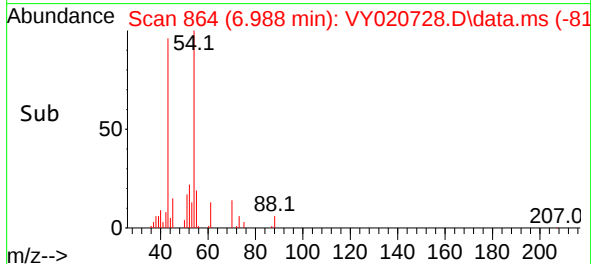
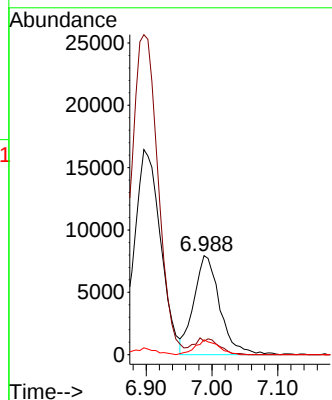
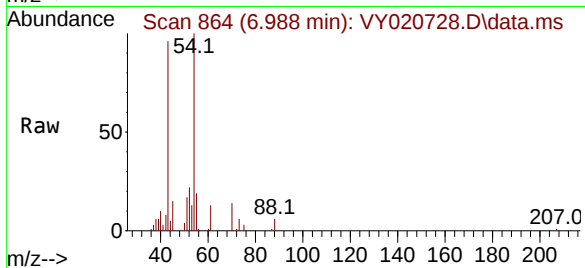
MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 21782

Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.7	17.5
70	13.1	11.0	16.4



#38

Carbon Tetrachloride

Concen: 44.945 ug/l

RT: 7.823 min Scan# 1001

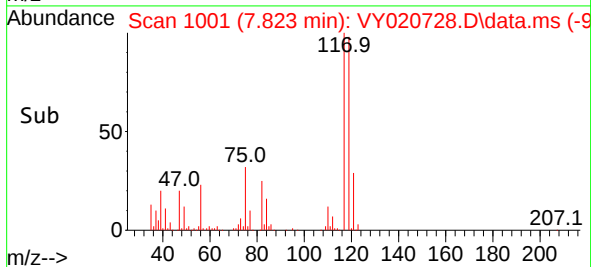
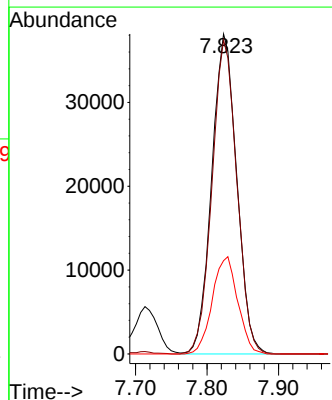
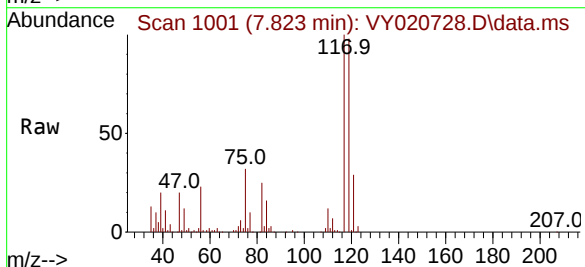
Delta R.T. -0.012 min

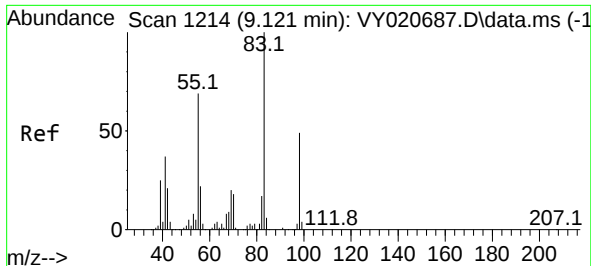
Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Tgt Ion: 117 Resp: 92693

Ion	Ratio	Lower	Upper
117	100		
119	98.1	74.4	111.6
121	29.1	24.2	36.2

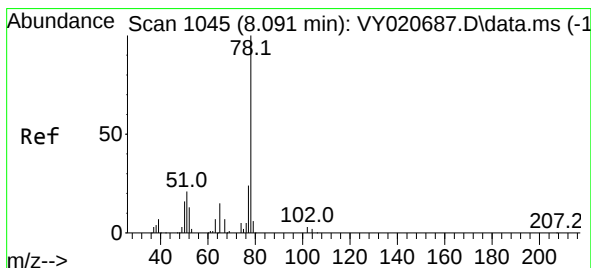
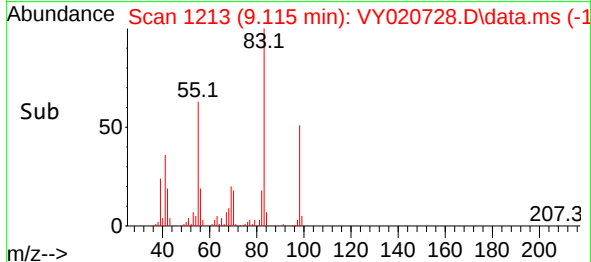
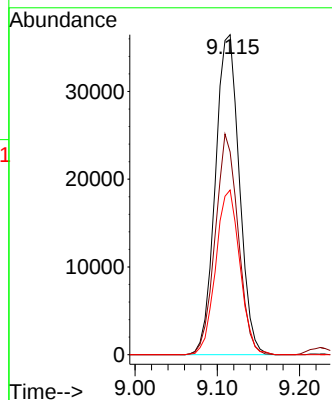
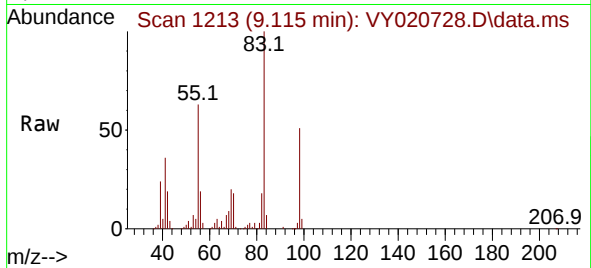




#39
Methylcyclohexane
Concen: 46.082 ug/l
RT: 9.115 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

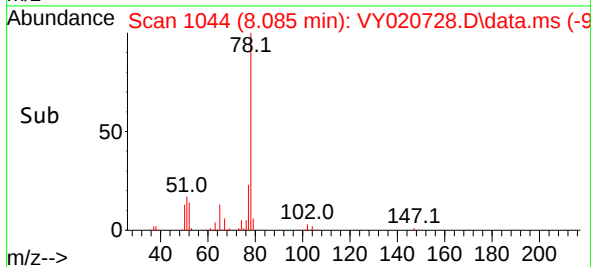
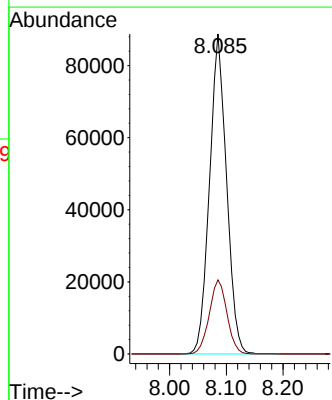
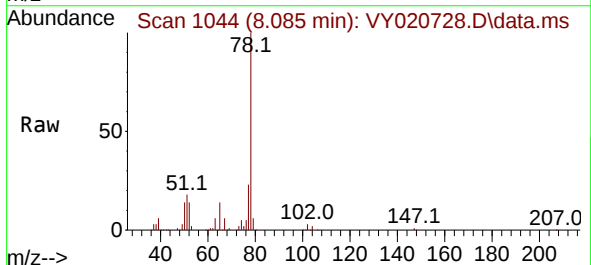
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

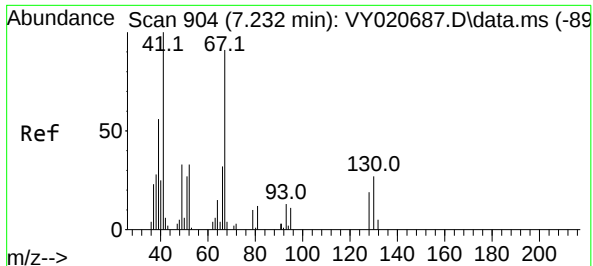
Tgt Ion: 83 Resp: 73974
Ion Ratio Lower Upper
83 100
55 63.3 55.0 82.4
98 51.4 39.0 58.6



#40
Benzene
Concen: 50.952 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 78 Resp: 184941
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8

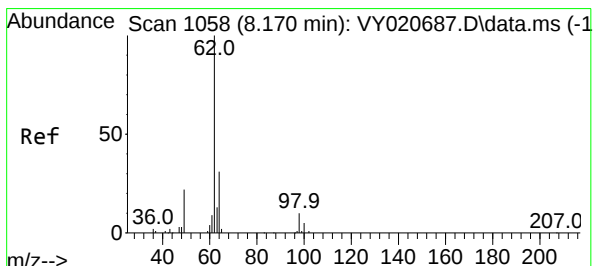
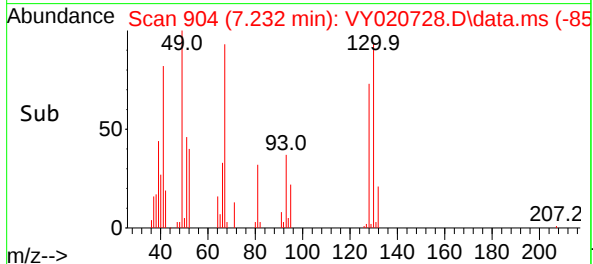
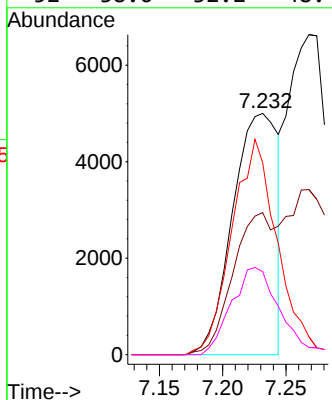
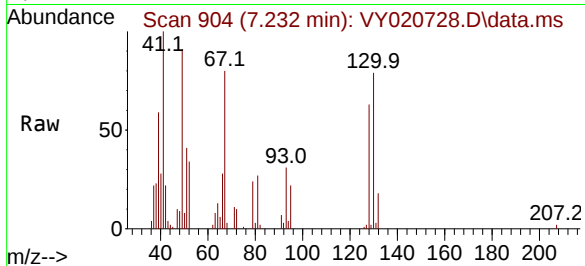




#41
Methacrylonitrile
Concen: 59.754 ug/l
RT: 7.232 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

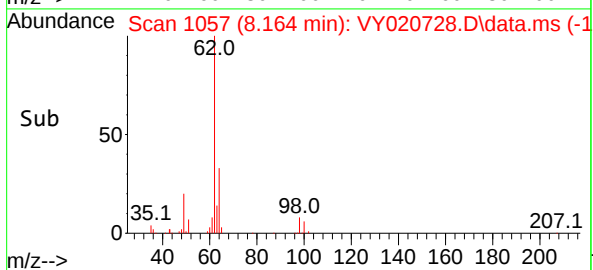
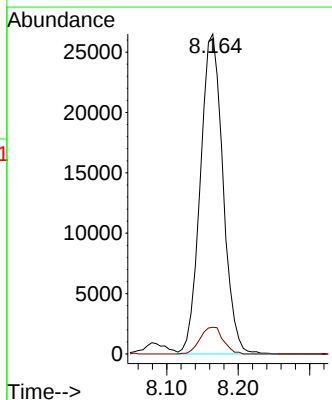
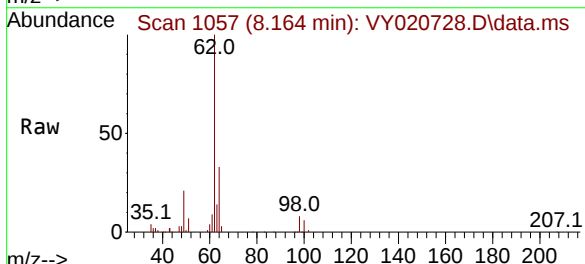
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

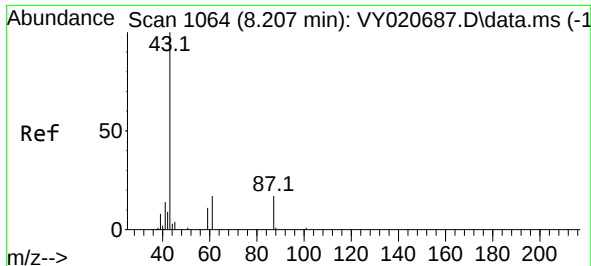
Tgt Ion:	41	Resp:	12457
Ion	Ratio	Lower	Upper
41	100		
39	49.4	46.6	70.0
67	90.0	74.7	112.1
52	38.6	32.2	48.4



#42
1,2-Dichloroethane
Concen: 49.961 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion:	62	Resp:	58148
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6

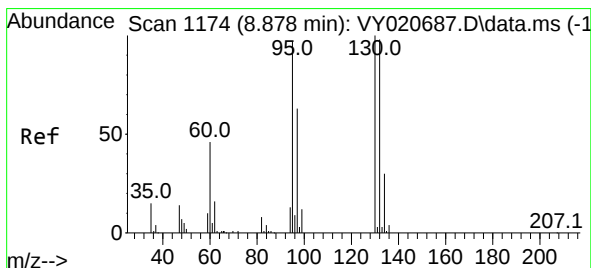
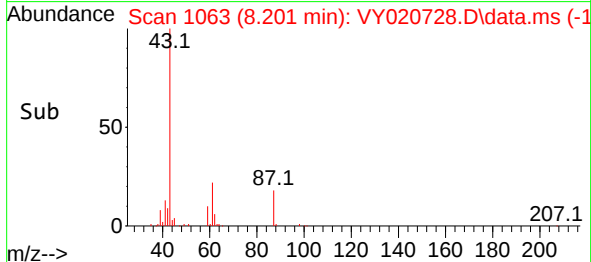
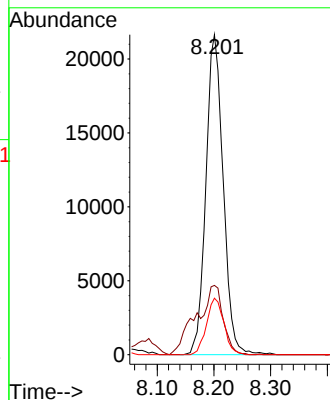
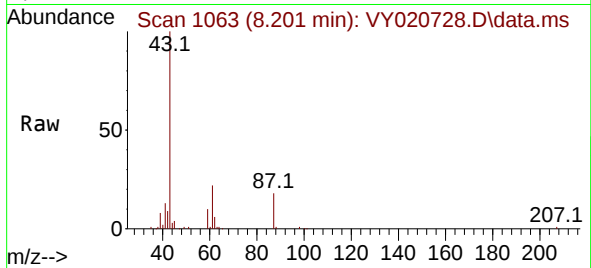




#43
Isopropyl Acetate
Concen: 52.327 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

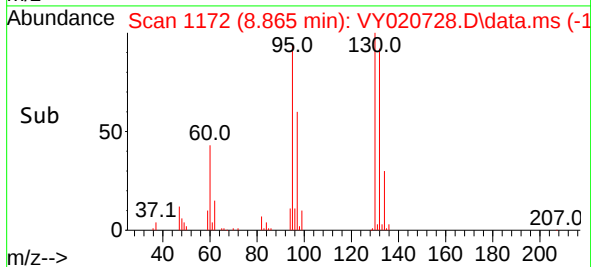
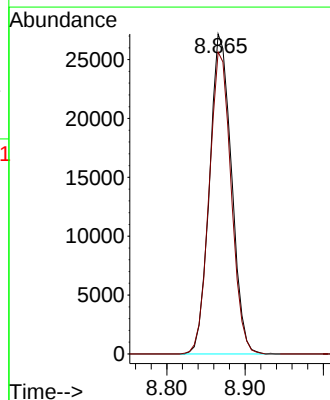
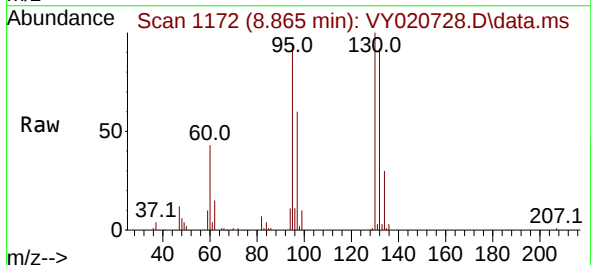
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

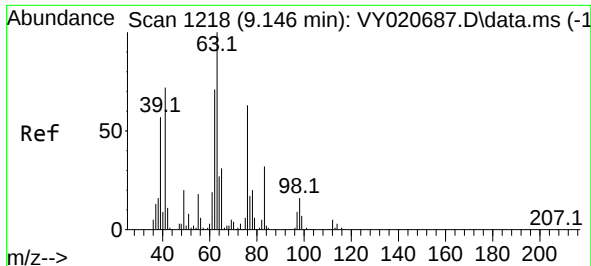
Tgt Ion: 43 Resp: 45902
Ion Ratio Lower Upper
43 100
61 33.6 27.0 40.4
87 17.8 14.2 21.4



#44
Trichloroethene
Concen: 48.797 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.013 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion:130 Resp: 52902
Ion Ratio Lower Upper
130 100
95 94.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 52.575 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

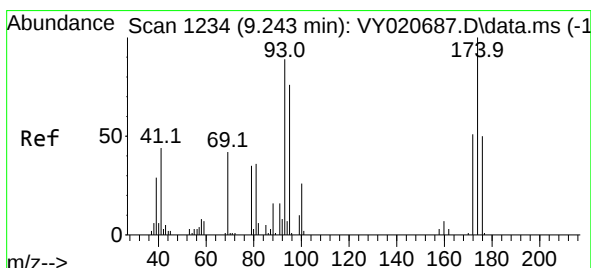
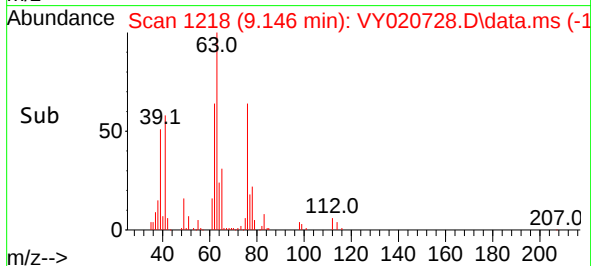
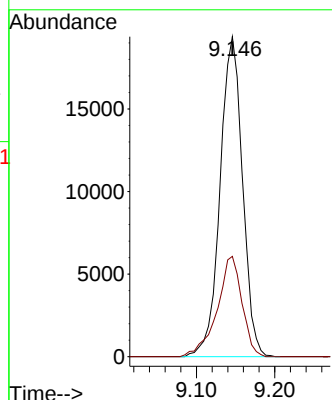
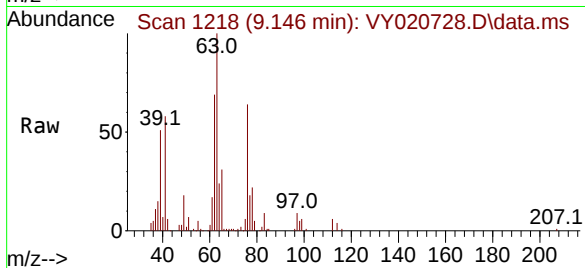
VSTDCCC050EC

Tgt Ion: 63 Resp: 38629

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



#46

Dibromomethane

Concen: 50.665 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

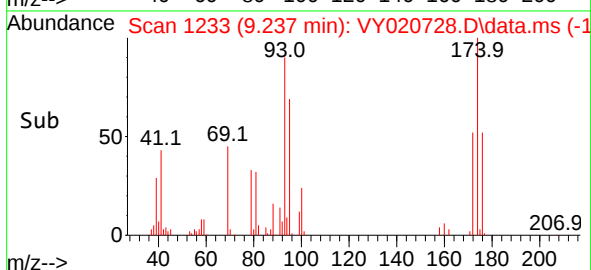
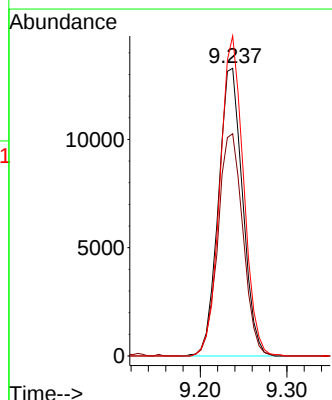
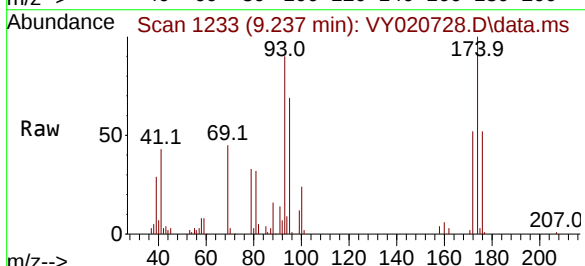
Tgt Ion: 93 Resp: 25757

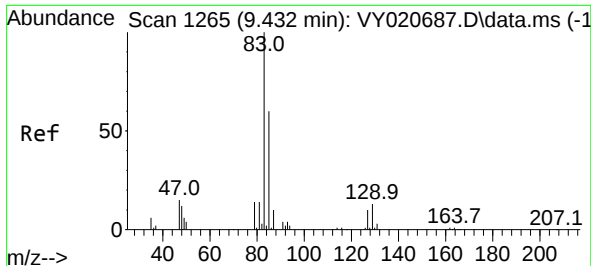
Ion Ratio Lower Upper

93 100

95 79.7 67.8 101.8

174 108.0 89.4 134.0

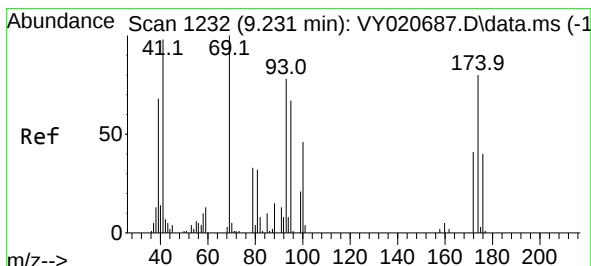
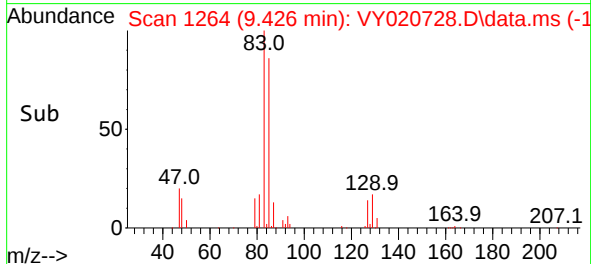
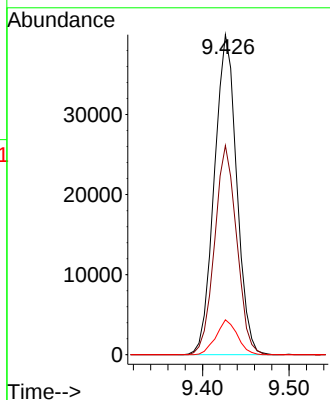
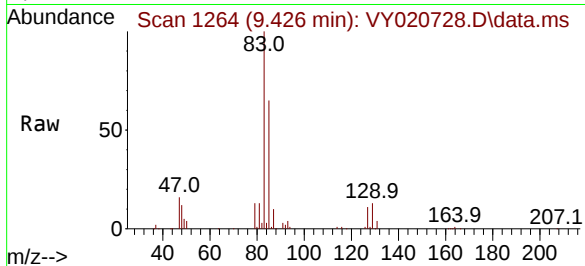




#47
Bromodichloromethane
Concen: 49.700 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

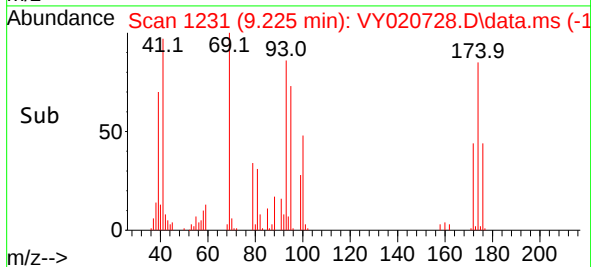
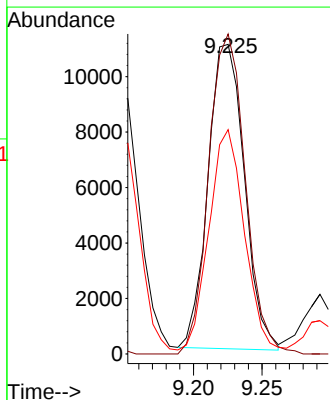
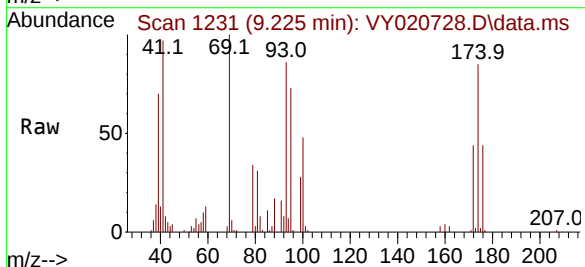
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

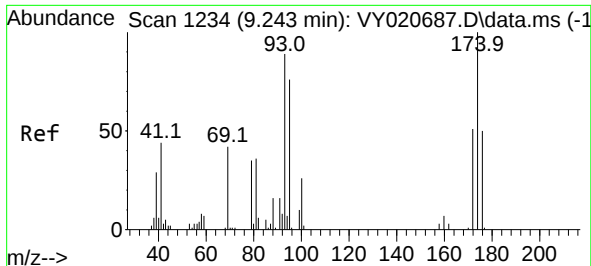
Tgt Ion: 83 Resp: 71632
Ion Ratio Lower Upper
83 100
85 65.3 47.6 71.4
127 10.9 7.9 11.9



#48
Methyl methacrylate
Concen: 49.466 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 41 Resp: 20264
Ion Ratio Lower Upper
41 100
69 105.8 83.1 124.7
39 70.4 57.3 85.9





#49

1,4-Dioxane

Concen: 1130.206 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

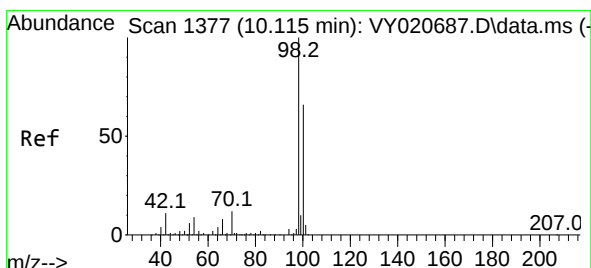
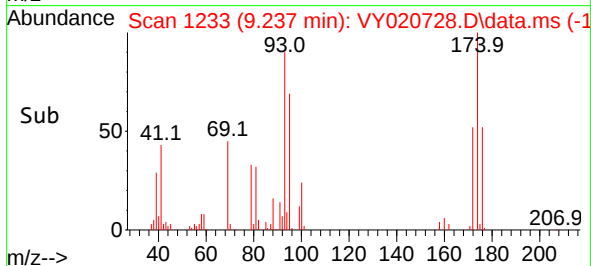
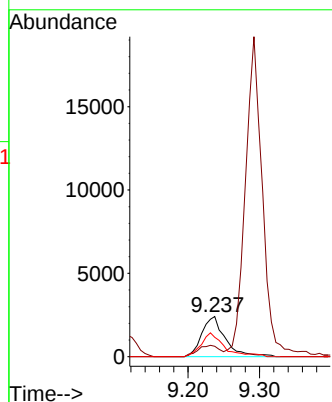
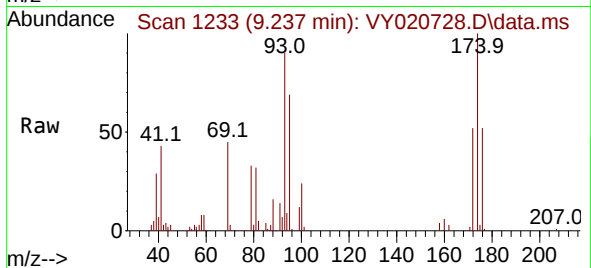
Tgt Ion: 88 Resp: 5473

Ion Ratio Lower Upper

88 100

43 26.4 22.1 33.1

58 58.8 46.7 70.1



#50

Toluene-d8

Concen: 53.305 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020728.D

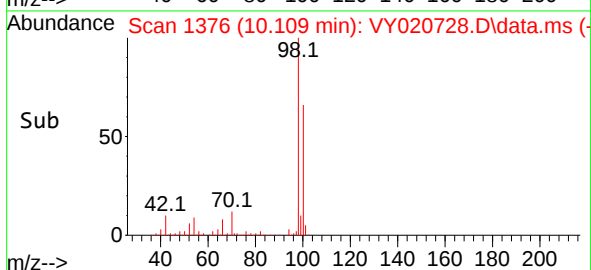
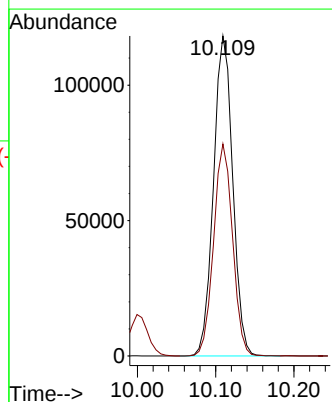
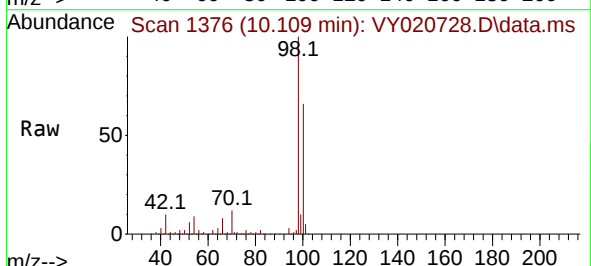
Acq: 26 Dec 2024 19:34

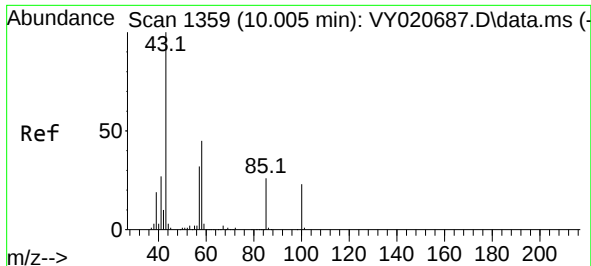
Tgt Ion: 98 Resp: 201423

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4

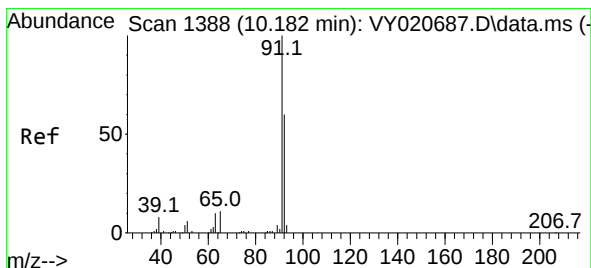
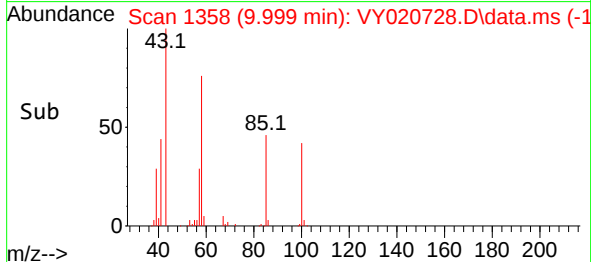
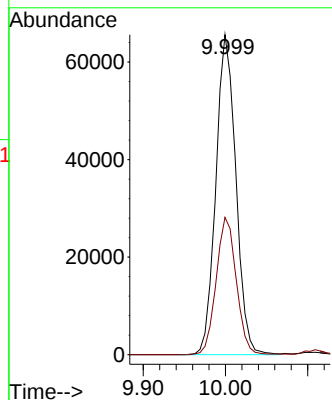
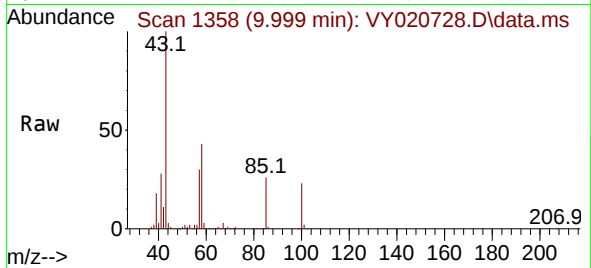




#51
4-Methyl-2-Pentanone
Concen: 262.443 ug/l
RT: 9.999 min Scan# 111120
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

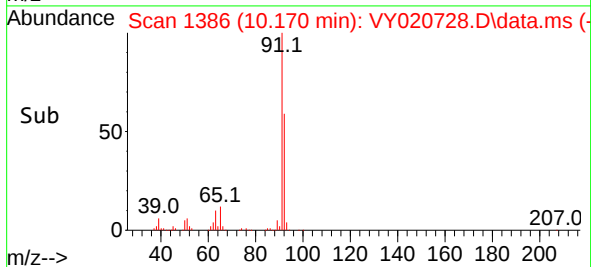
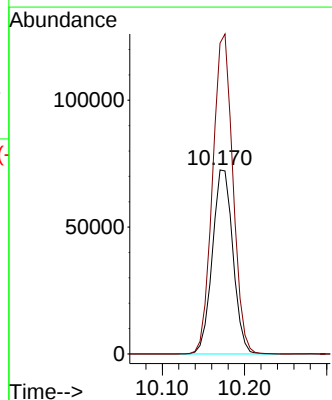
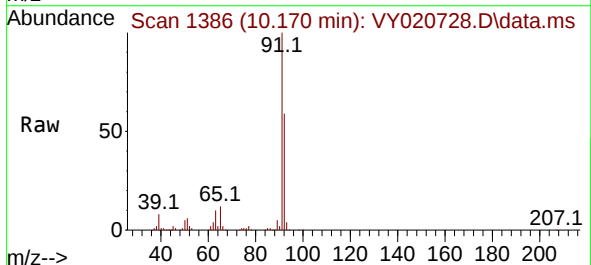
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

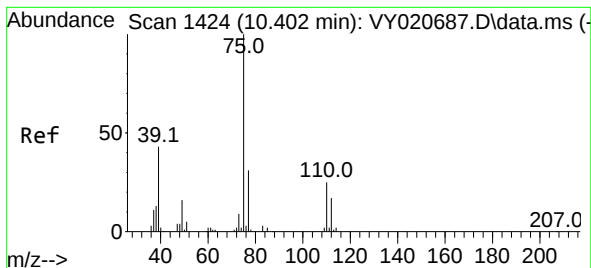
Tgt Ion: 43 Resp: 111120
Ion Ratio Lower Upper
43 100
58 43.2 35.1 52.7



#52
Toluene
Concen: 50.676 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.012 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 92 Resp: 126070
Ion Ratio Lower Upper
92 100
91 171.5 137.7 206.5

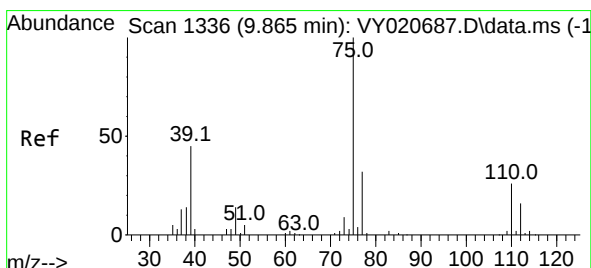
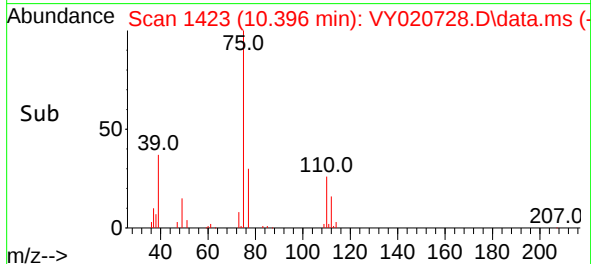
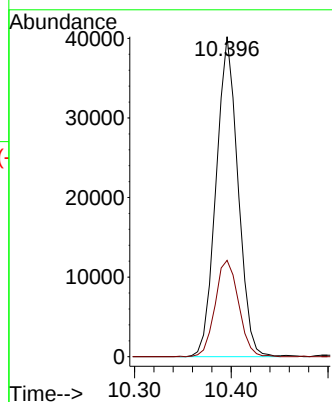
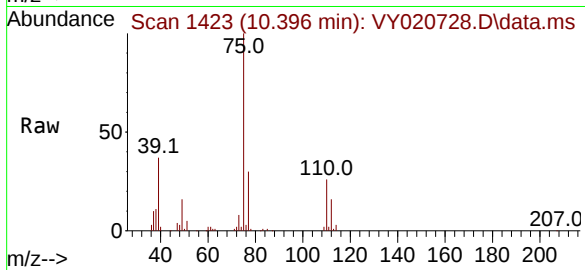




#53
 t-1,3-Dichloropropene
 Concen: 49.943 ug/l
 RT: 10.396 min Scan# 1424
 Delta R.T. -0.006 min
 Lab File: VY020728.D
 Acq: 26 Dec 2024 19:34

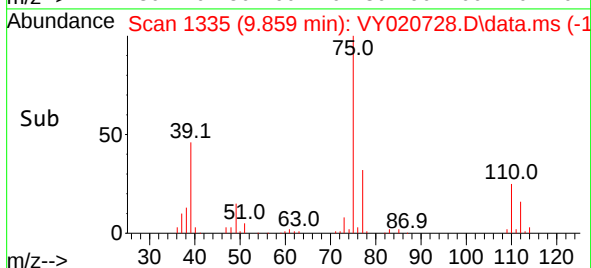
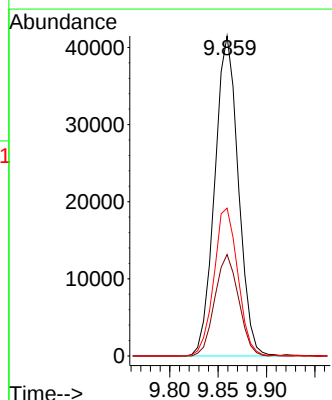
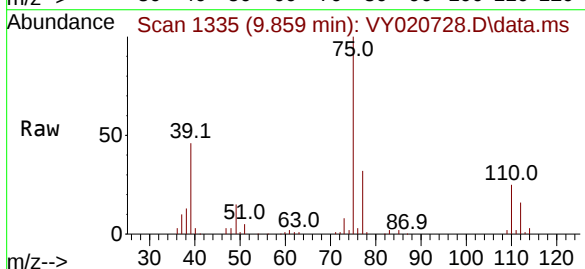
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

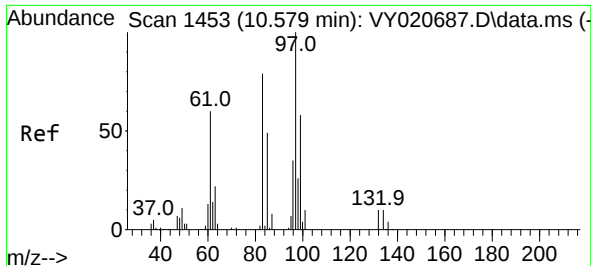
Tgt Ion: 75 Resp: 63222
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.773 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.006 min
 Lab File: VY020728.D
 Acq: 26 Dec 2024 19:34

Tgt Ion: 75 Resp: 70450
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 46.2 36.2 54.2

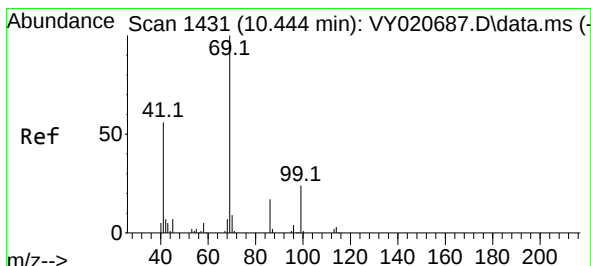
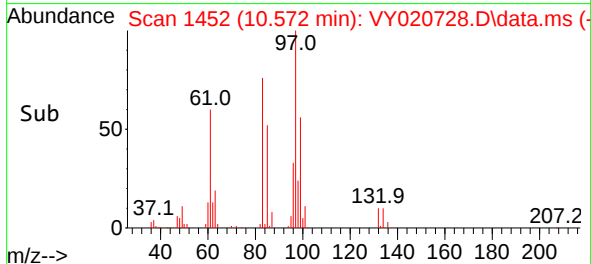
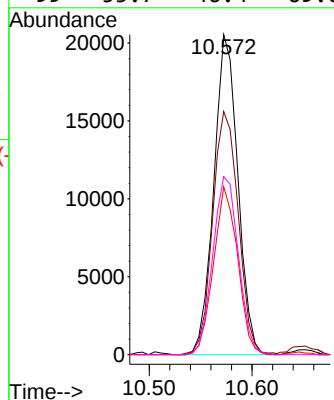
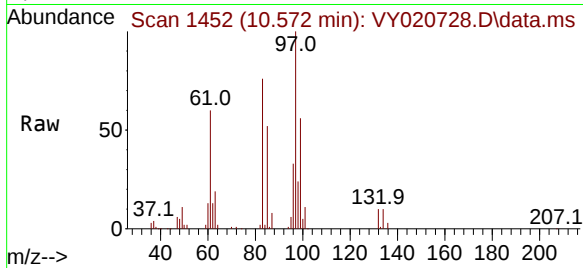




#55
1,1,2-Trichloroethane
Concen: 51.326 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.007 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

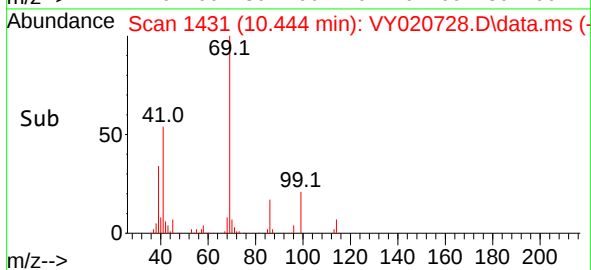
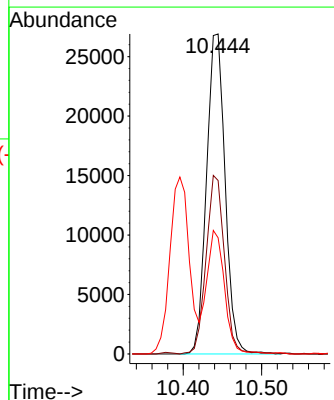
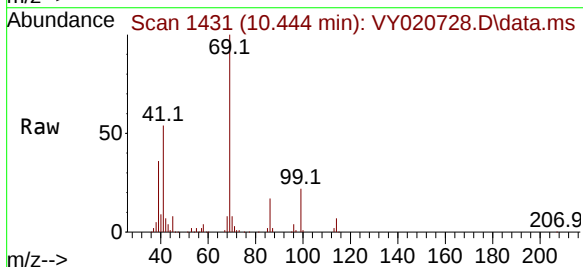
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

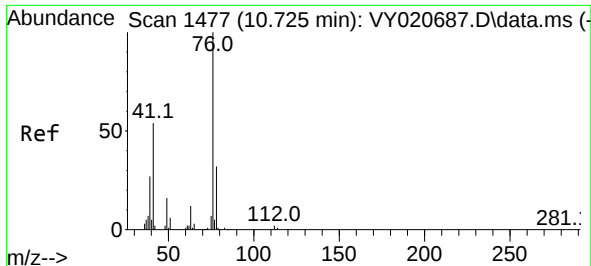
Tgt Ion:	97	Resp:	33307
Ion	Ratio	Lower	Upper
97	100		
83	76.0	63.1	94.7
85	52.5	39.5	59.3
99	55.7	46.4	69.6



#56
Ethyl methacrylate
Concen: 51.971 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion:	69	Resp:	44306
Ion	Ratio	Lower	Upper
69	100		
41	55.3	43.8	65.6
39	36.4	32.0	48.0





#57

1,3-Dichloropropane

Concen: 51.138 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

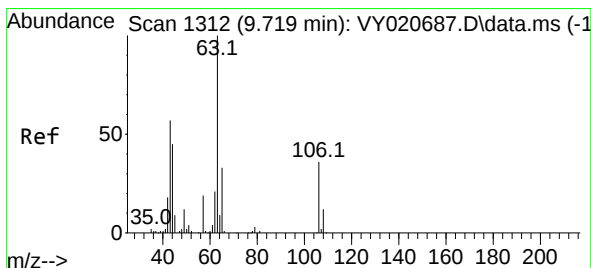
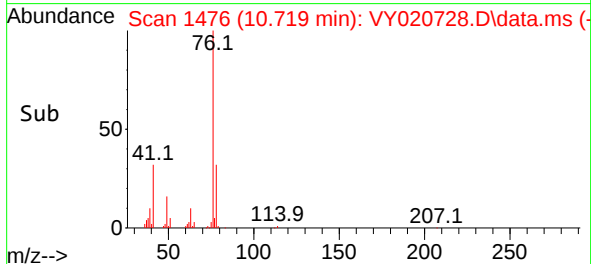
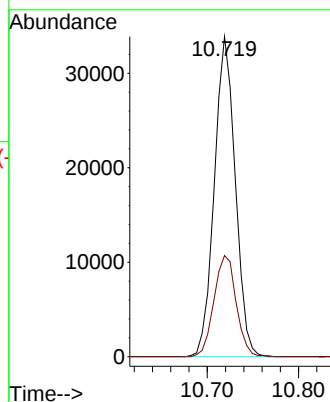
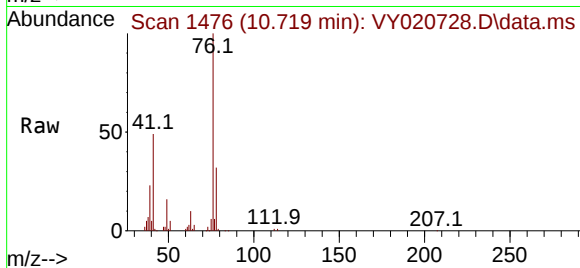
VSTDCCC050EC

Tgt Ion: 76 Resp: 53860

Ion Ratio Lower Upper

76 100

78 33.5 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 300.757 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VY020728.D

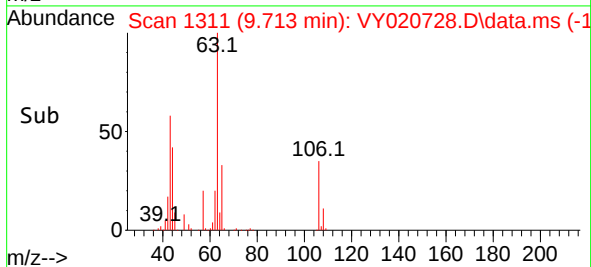
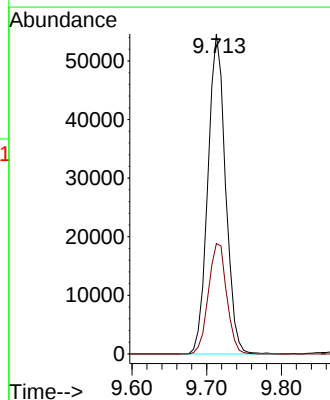
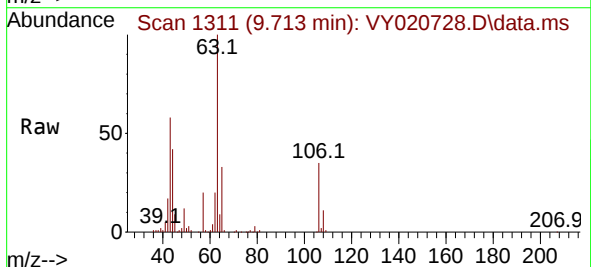
Acq: 26 Dec 2024 19:34

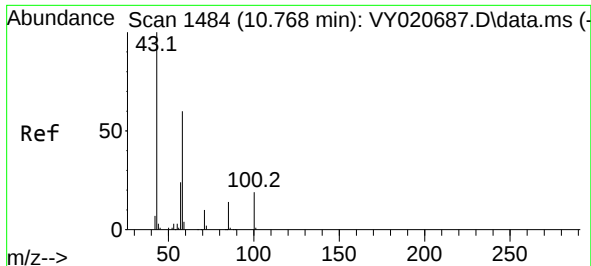
Tgt Ion: 63 Resp: 89410

Ion Ratio Lower Upper

63 100

106 35.7 29.1 43.7

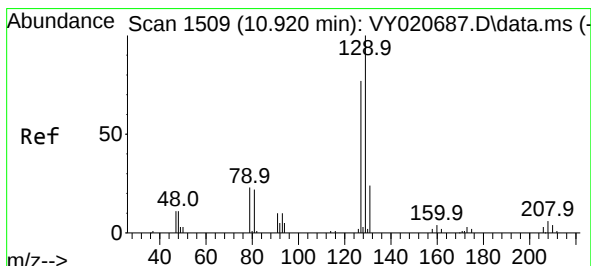
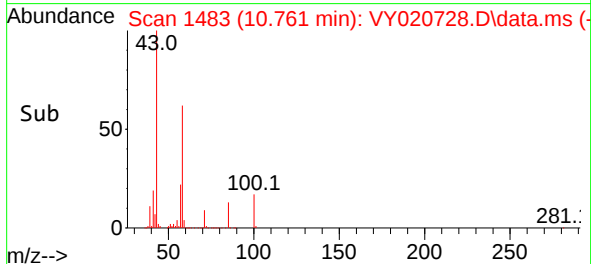
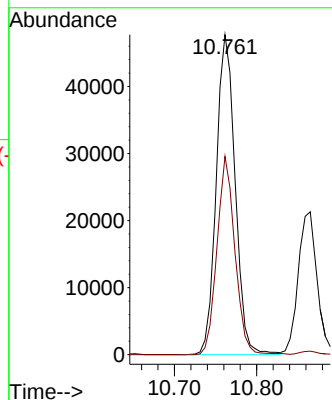
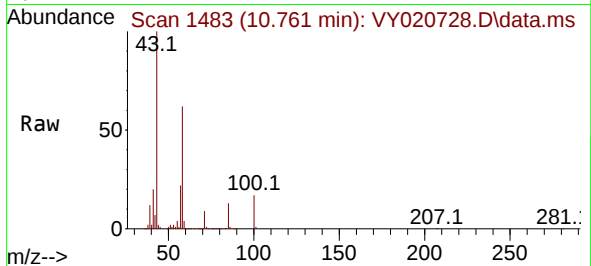




#59
2-Hexanone
Concen: 272.444 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.007 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

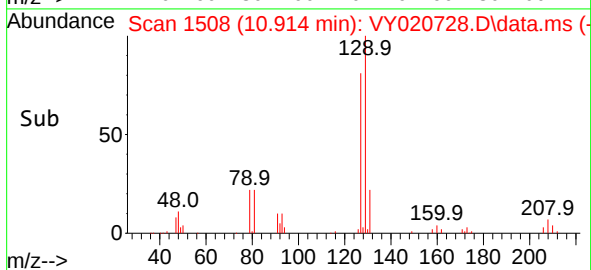
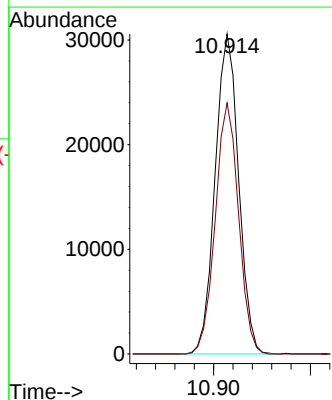
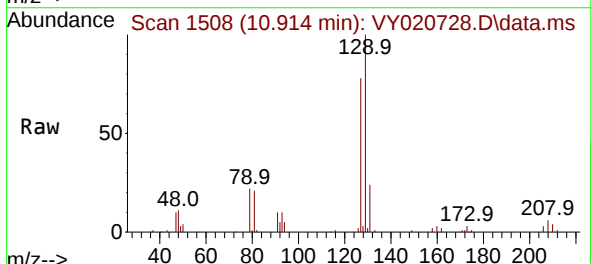
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

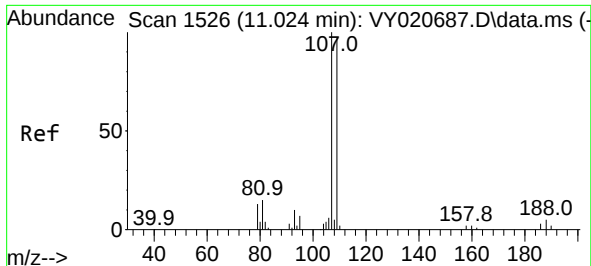
Tgt Ion: 43 Resp: 76163
Ion Ratio Lower Upper
43 100
58 58.9 30.1 90.5



#60
Dibromochloromethane
Concen: 49.038 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 129 Resp: 51420
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

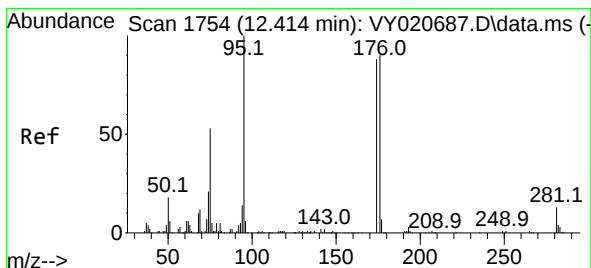
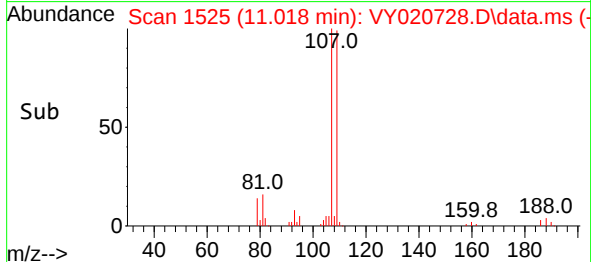
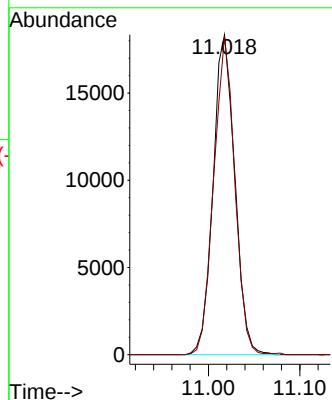
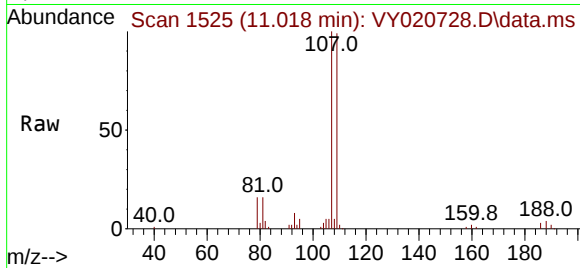




#61
1,2-Dibromoethane
Concen: 49.418 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

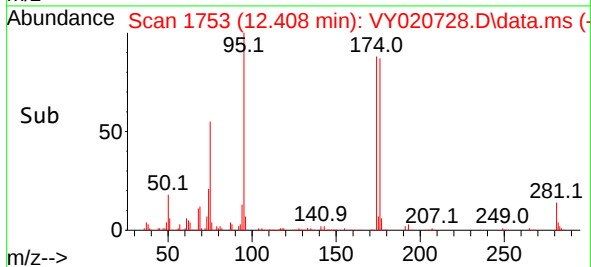
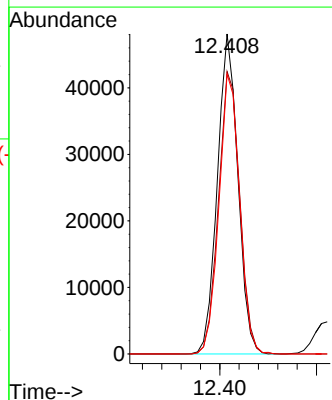
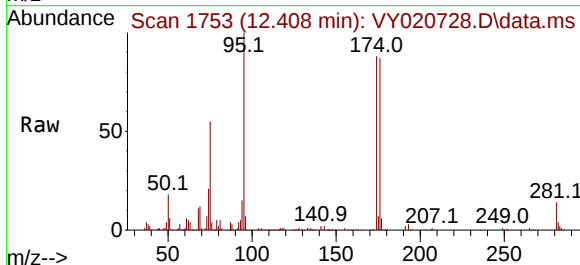
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

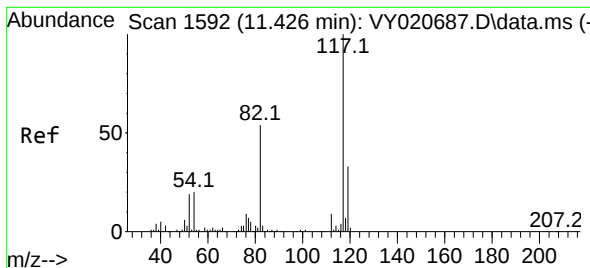
Tgt Ion:107 Resp: 30175
Ion Ratio Lower Upper
107 100
109 96.8 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 56.112 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 95 Resp: 70702
Ion Ratio Lower Upper
95 100
174 91.1 0.0 179.2
176 88.0 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

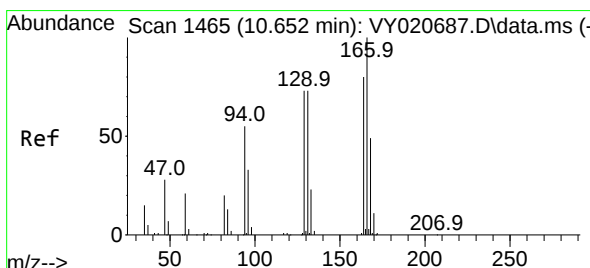
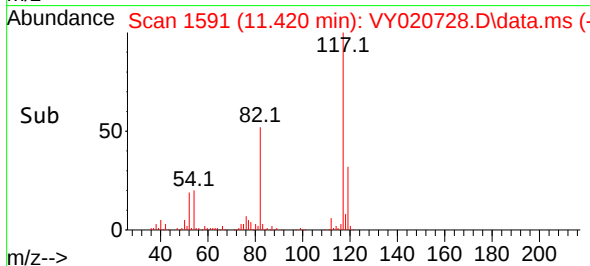
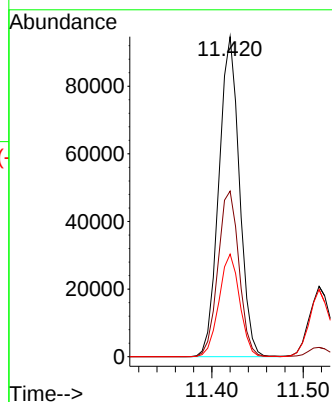
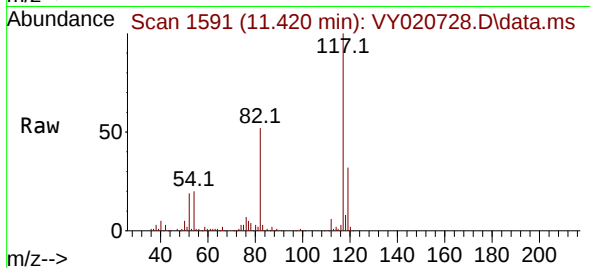
Tgt Ion:117 Resp: 148030

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.2

119 32.0 26.6 39.8



#64

Tetrachloroethene

Concen: 46.676 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Tgt Ion:164 Resp: 47206

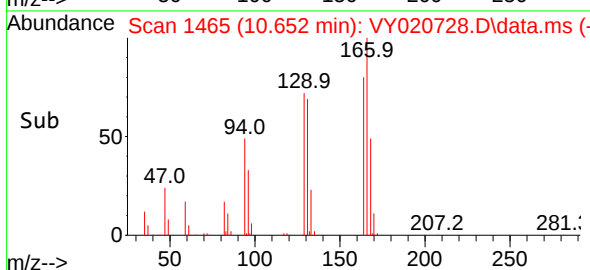
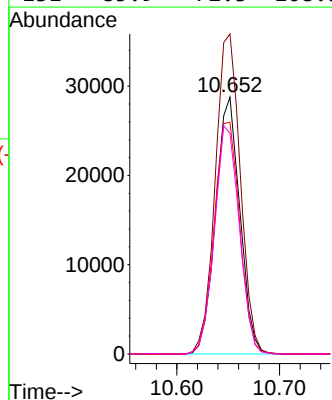
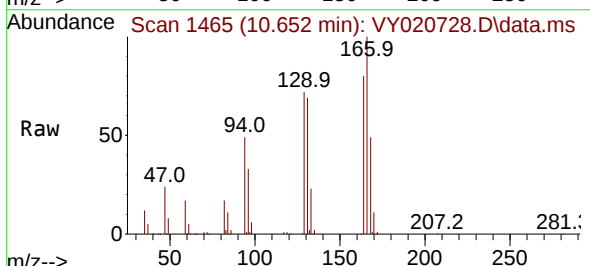
Ion Ratio Lower Upper

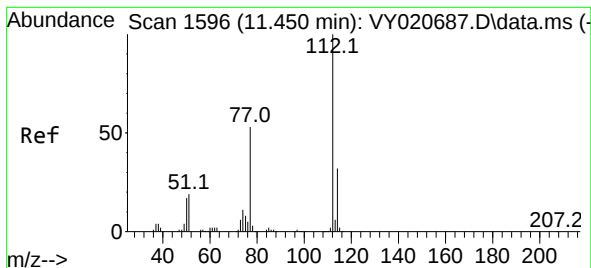
164 100

166 124.6 99.6 149.4

129 90.2 73.0 109.4

131 85.9 72.3 108.5

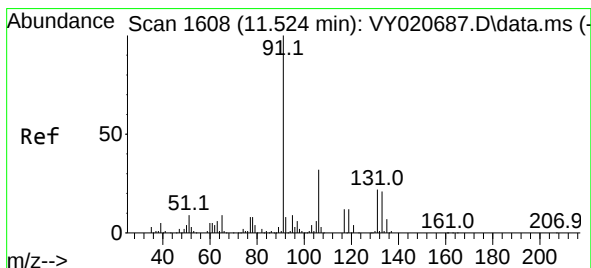
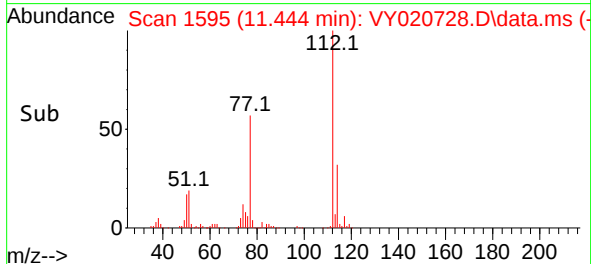
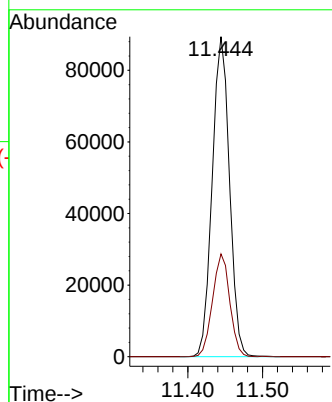
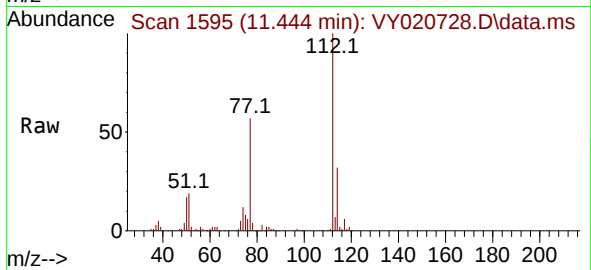




#65
Chlorobenzene
Concen: 49.537 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

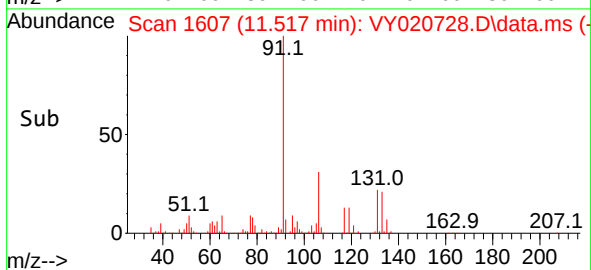
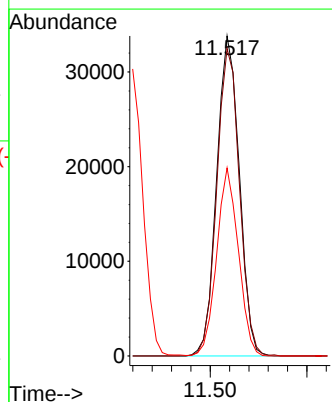
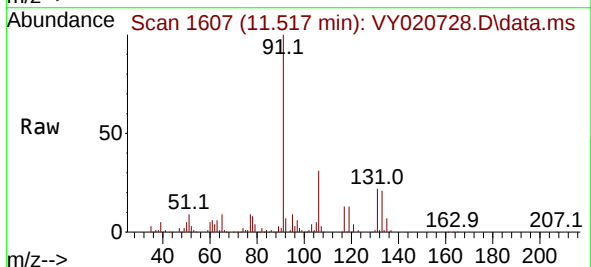
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

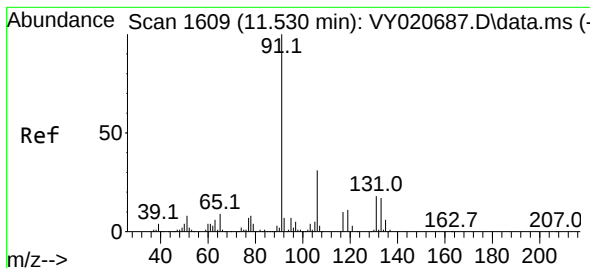
Tgt Ion:112 Resp: 143586
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 48.804 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.007 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion:131 Resp: 54805
Ion Ratio Lower Upper
131 100
133 96.5 48.6 145.9
119 56.5 28.4 85.3

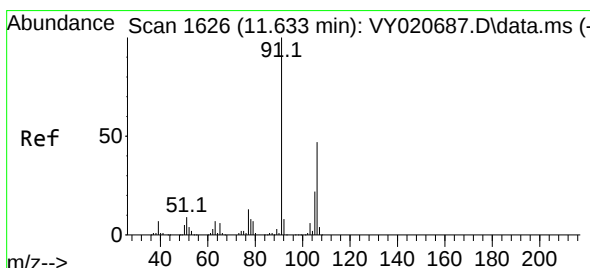
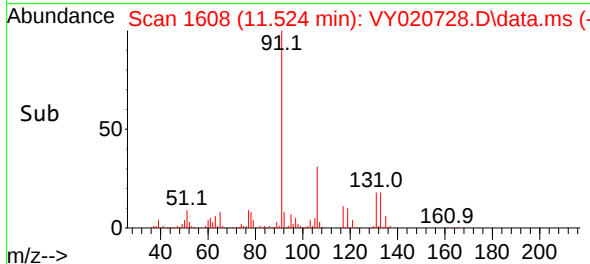
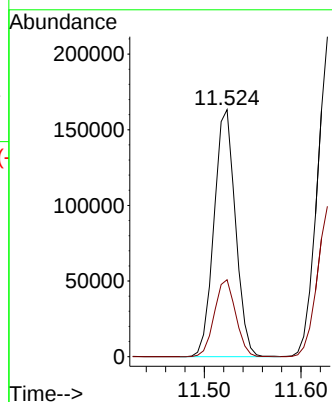
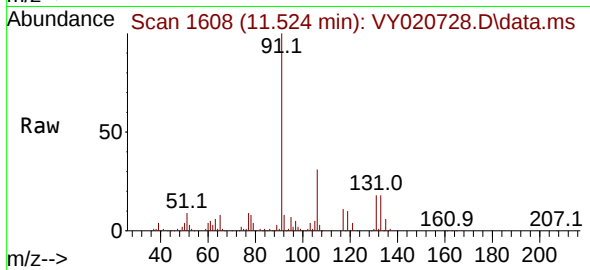




#67
Ethyl Benzene
Concen: 49.546 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

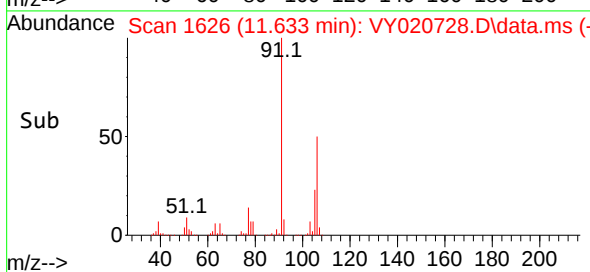
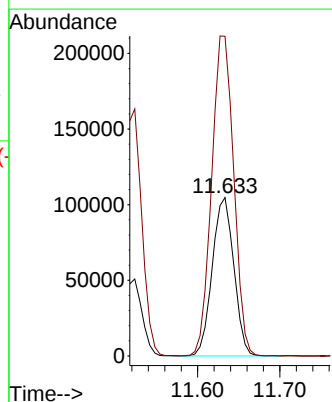
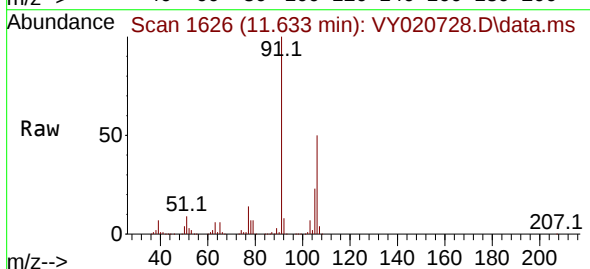
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

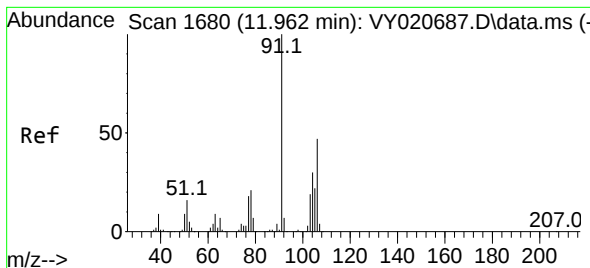
Tgt Ion: 91 Resp: 251000
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 98.695 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion:106 Resp: 190725
Ion Ratio Lower Upper
106 100
91 206.9 166.6 250.0





#69

o-Xylene

Concen: 49.380 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

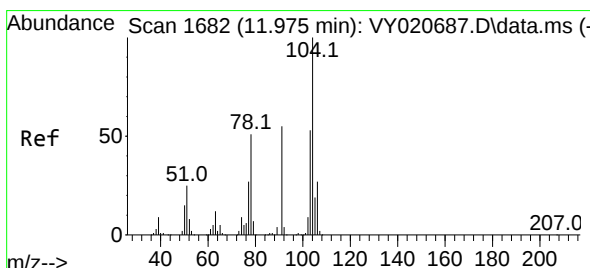
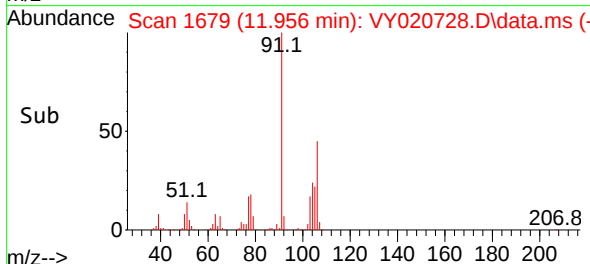
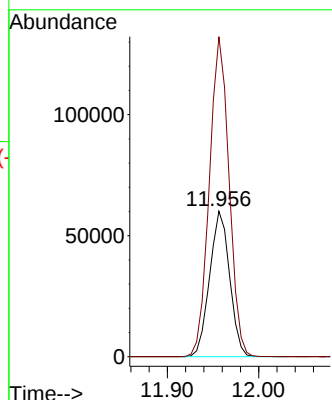
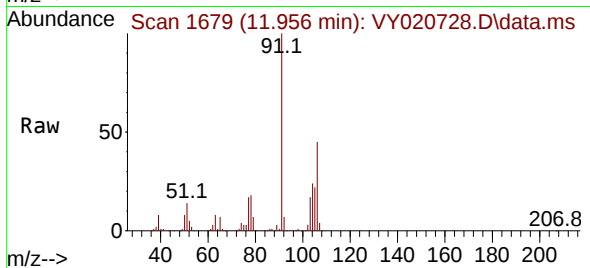
VSTDCCC050EC

Tgt Ion:106 Resp: 91171

Ion Ratio Lower Upper

106 100

91 217.1 108.6 325.8



#70

Styrene

Concen: 50.397 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

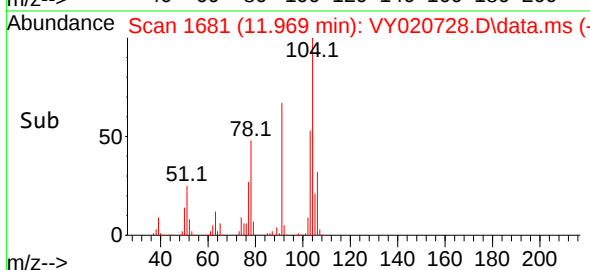
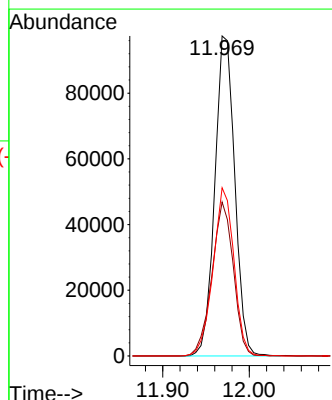
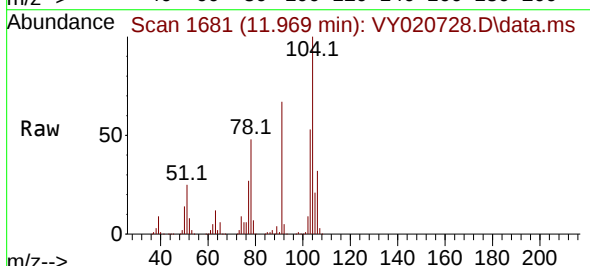
Tgt Ion:104 Resp: 156202

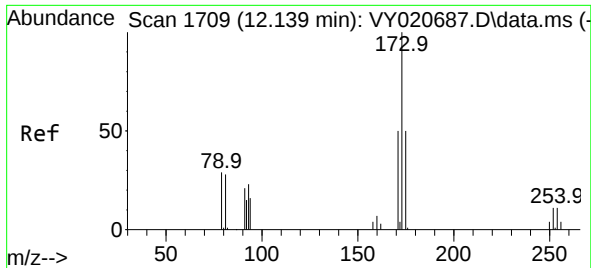
Ion Ratio Lower Upper

104 100

78 51.6 43.0 64.4

103 54.9 44.4 66.6

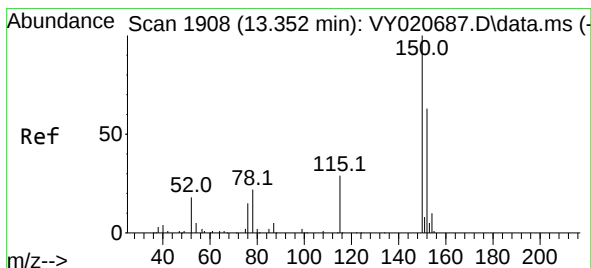
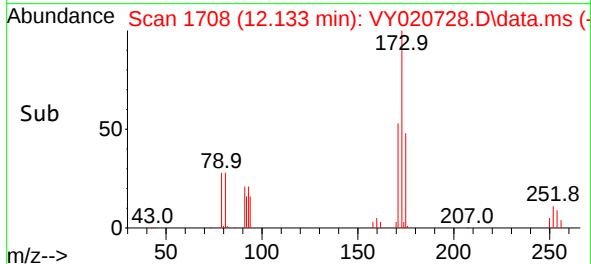
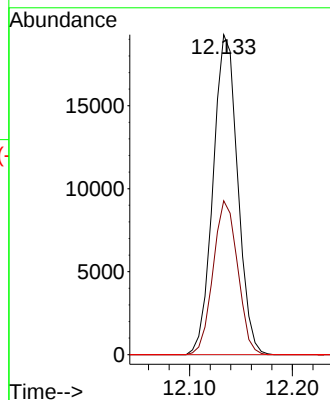
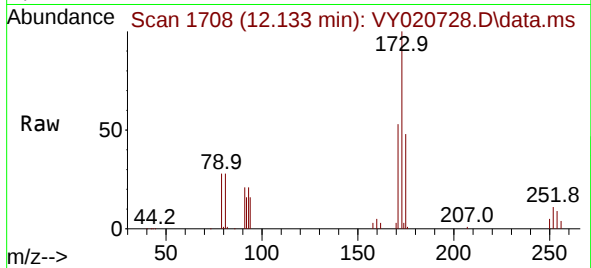




#71
Bromoform
Concen: 49.586 ug/l
RT: 12.133 min Scan# 1709
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

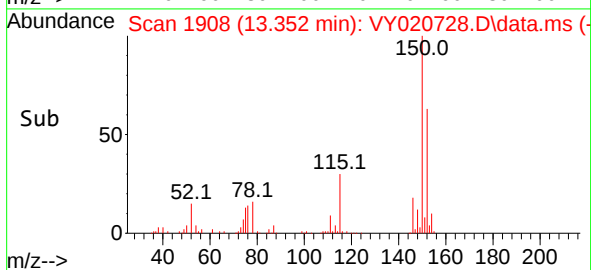
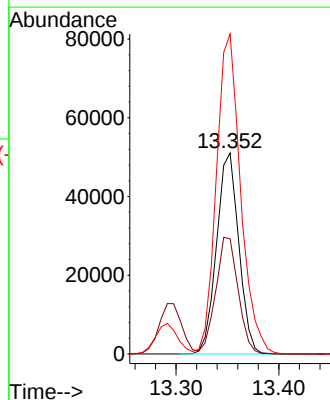
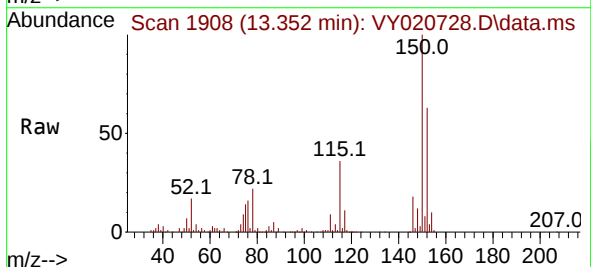
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

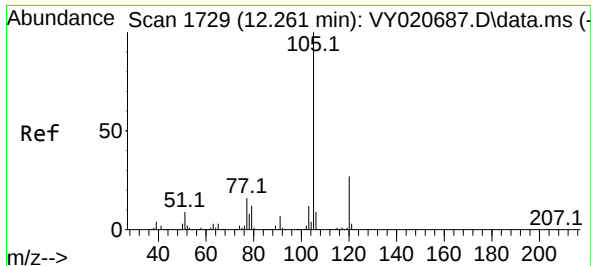
Tgt Ion:173 Resp: 32013
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion:152 Resp: 76525
Ion Ratio Lower Upper
152 100
115 58.5 30.3 90.9
150 173.6 0.0 349.0

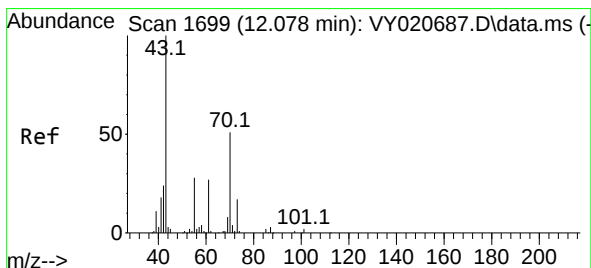
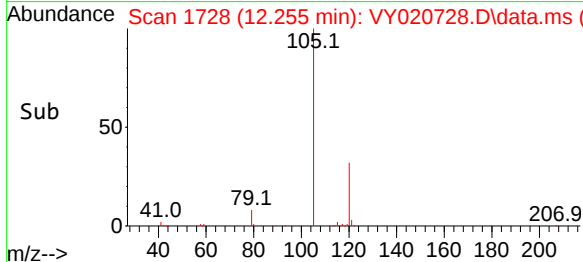
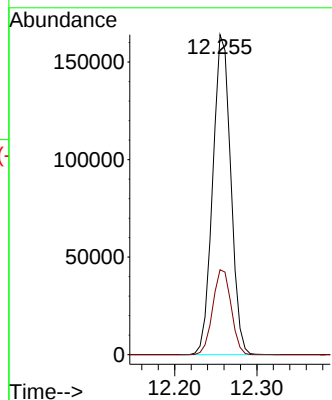
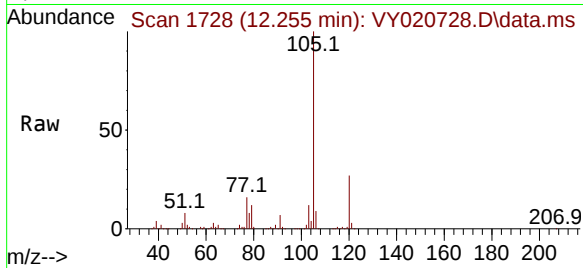




#73
Isopropylbenzene
Concen: 47.089 ug/l
RT: 12.255 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

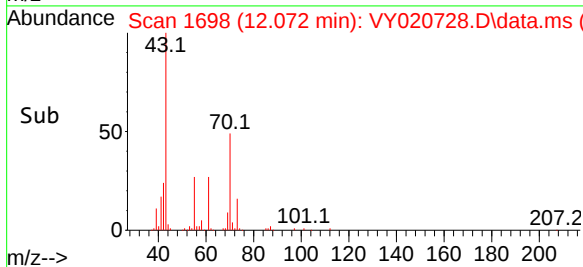
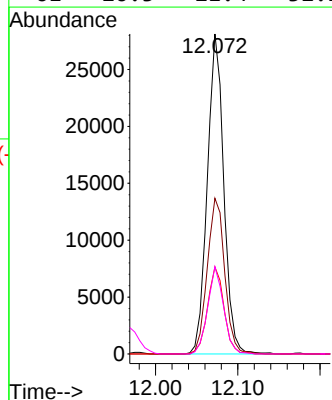
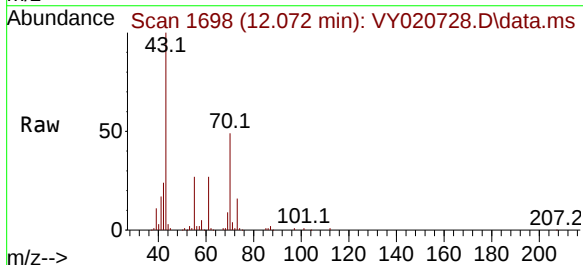
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

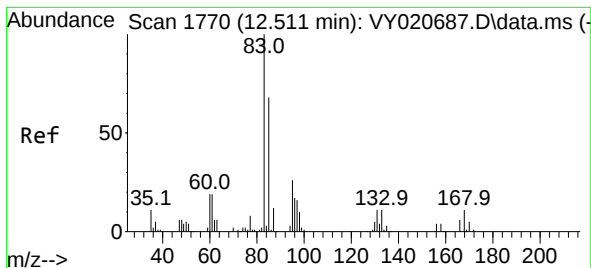
Tgt Ion:105 Resp: 249657
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#74
N-ethyl acetate
Concen: 52.059 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 43 Resp: 39222
Ion Ratio Lower Upper
43 100
70 51.5 39.7 59.5
55 27.2 21.5 32.3
61 26.3 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.563 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

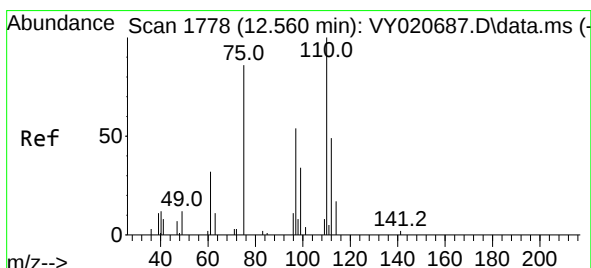
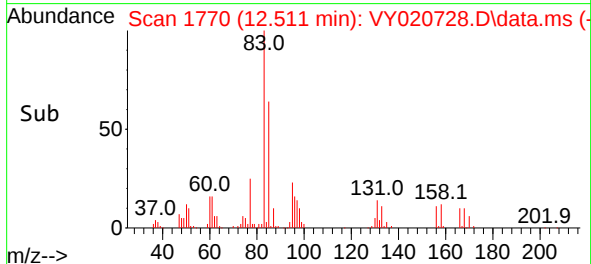
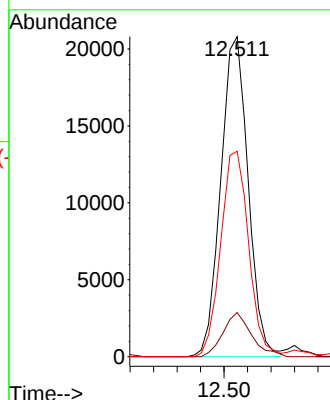
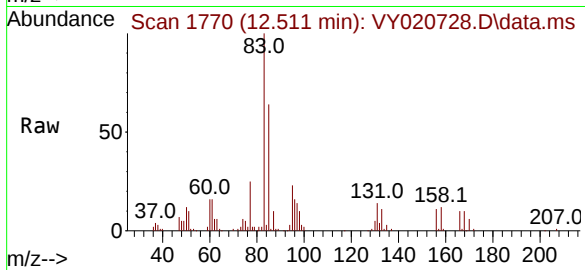
Tgt Ion: 83 Resp: 33686

Ion Ratio Lower Upper

83 100

131 14.3 6.9 20.7

85 65.4 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 99.947 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY020728.D

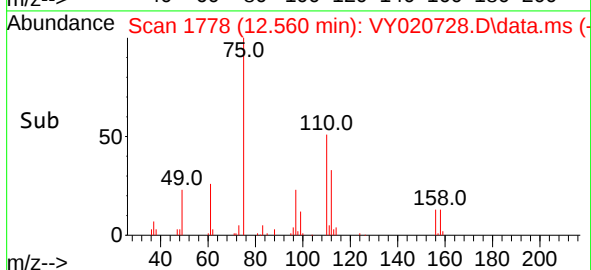
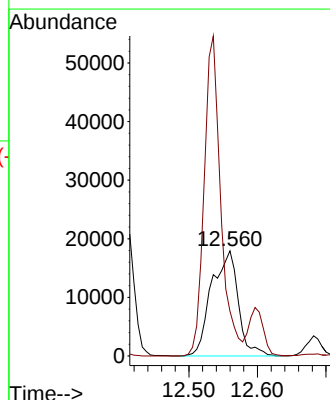
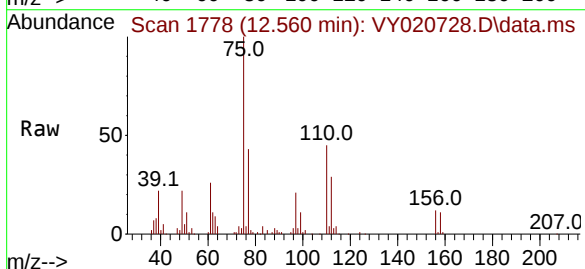
Acq: 26 Dec 2024 19:34

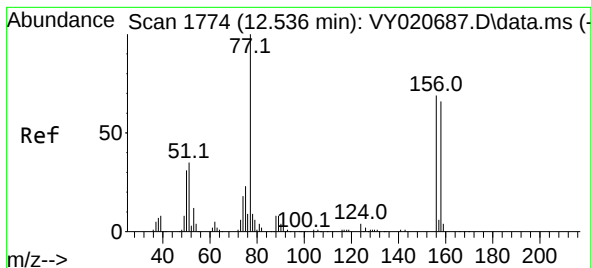
Tgt Ion: 75 Resp: 48645

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.546 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

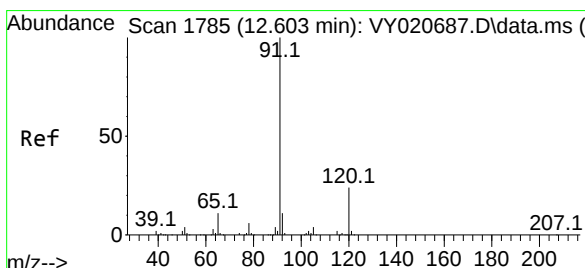
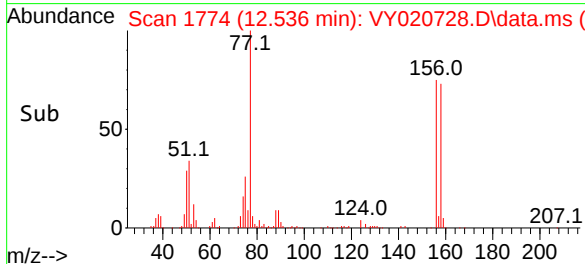
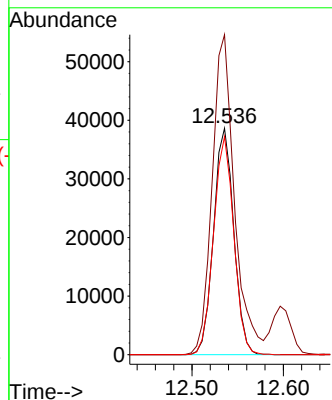
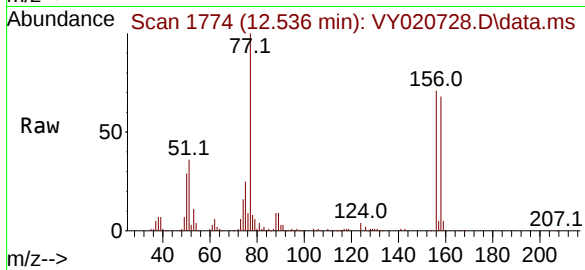
Tgt Ion:156 Resp: 59248

Ion Ratio Lower Upper

156 100

77 156.2 78.3 235.0

158 96.7 48.3 144.9



#78

n-propylbenzene

Concen: 47.482 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY020728.D

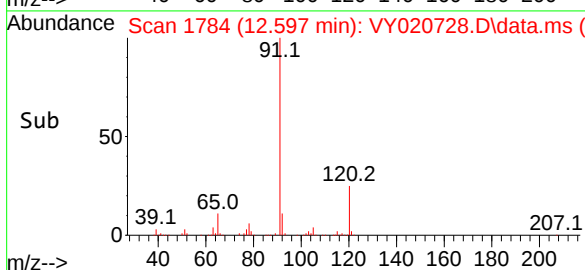
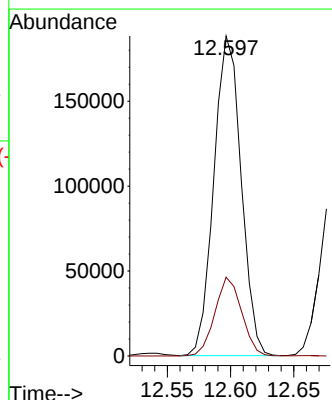
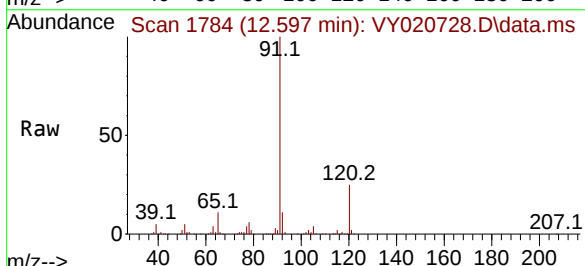
Acq: 26 Dec 2024 19:34

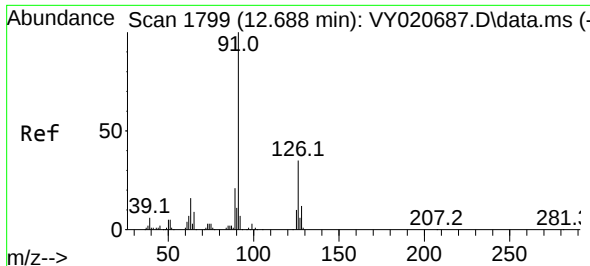
Tgt Ion: 91 Resp: 282155

Ion Ratio Lower Upper

91 100

120 24.1 12.3 36.8

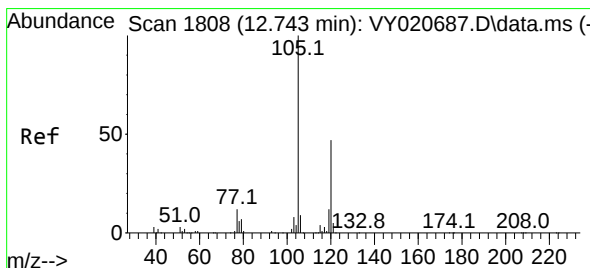
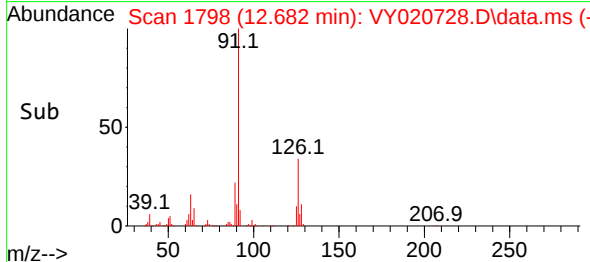
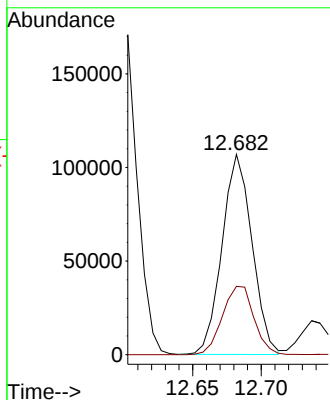
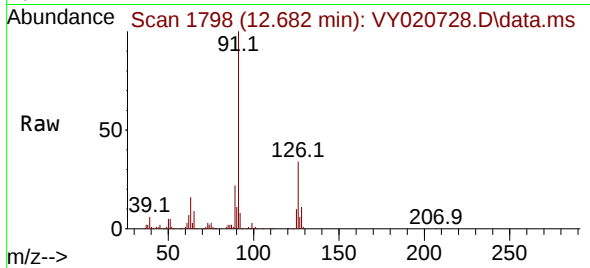




#79
2-Chlorotoluene
Concen: 48.116 ug/l
RT: 12.682 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

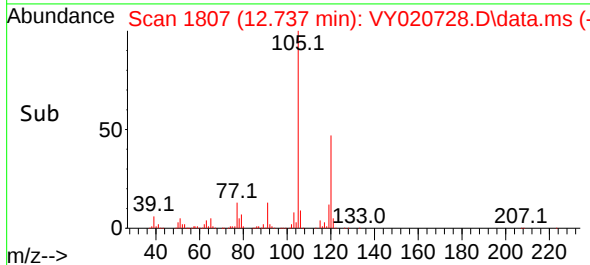
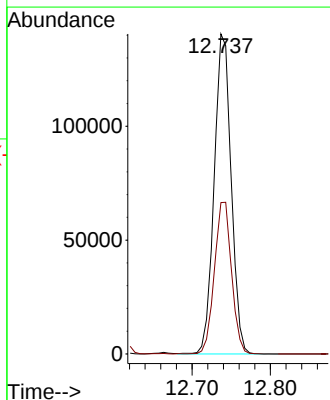
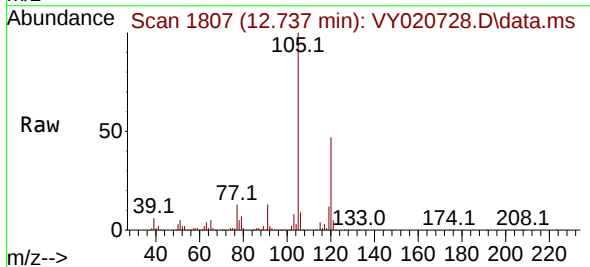
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

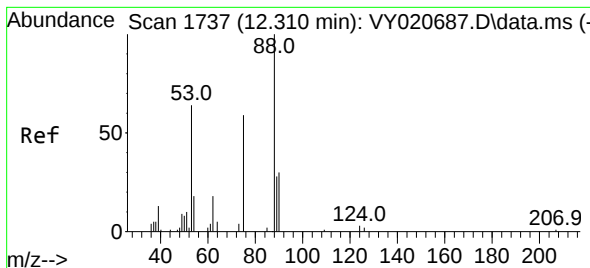
Tgt Ion: 91 Resp: 162993
Ion Ratio Lower Upper
91 100
126 35.9 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 48.002 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 105 Resp: 212033
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.7

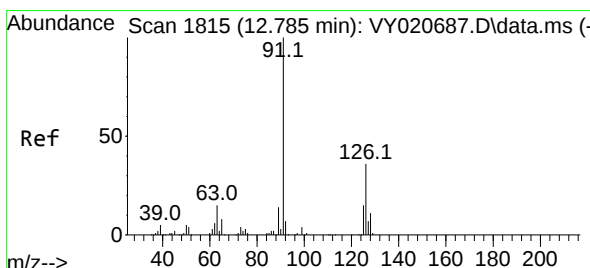
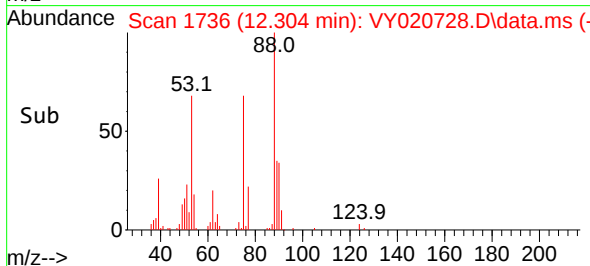
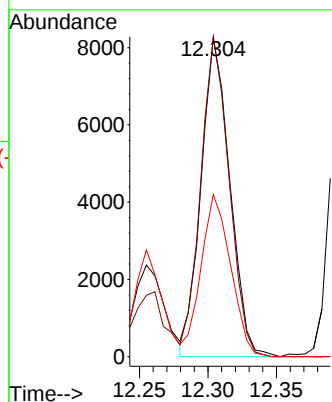
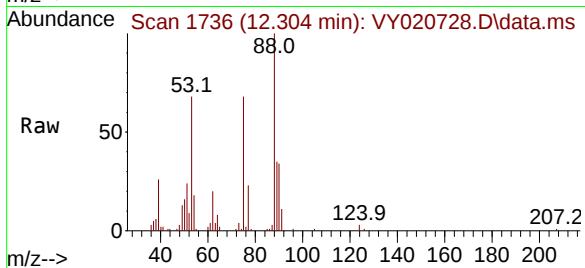




#81
trans-1,4-Dichloro-2-butene
Concen: 49.030 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

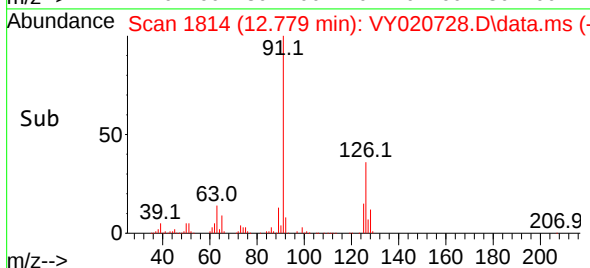
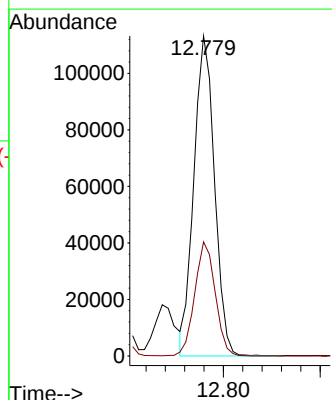
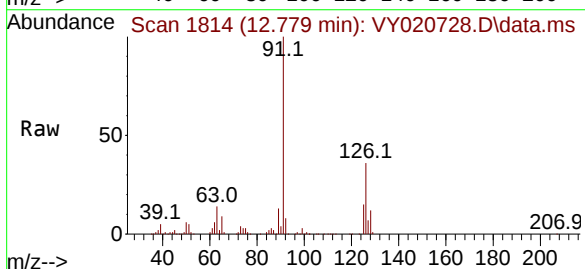
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

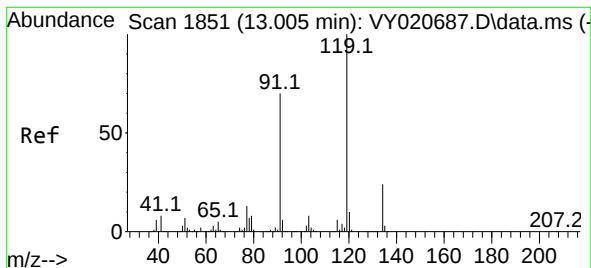
Tgt Ion: 75 Resp: 12073
Ion Ratio Lower Upper
75 100
53 98.5 83.1 124.7
89 52.3 40.6 61.0



#82
4-Chlorotoluene
Concen: 47.924 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 91 Resp: 167778
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.5





#83

tert-Butylbenzene

Concen: 46.437 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

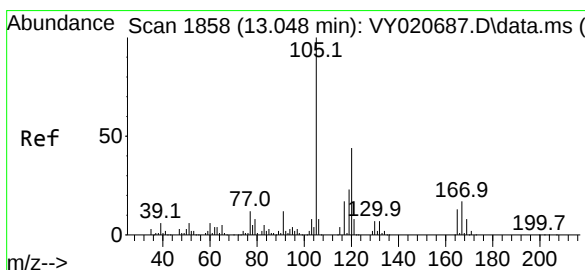
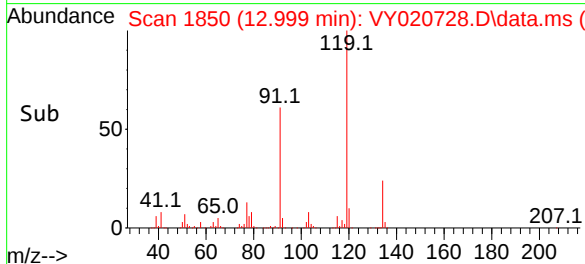
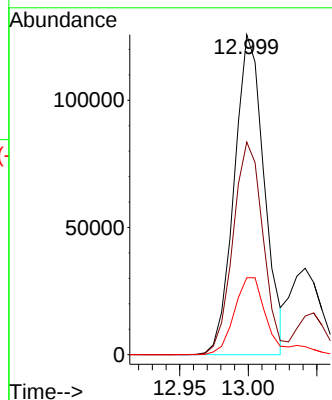
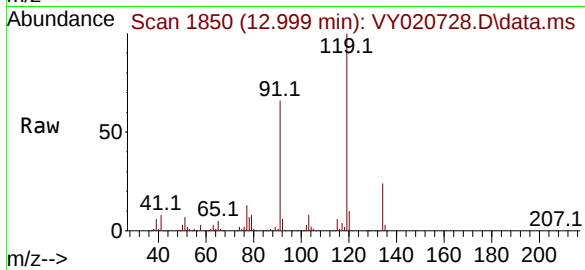
Tgt Ion:119 Resp: 191560

Ion Ratio Lower Upper

119 100

91 67.2 33.6 100.8

134 27.0 13.4 40.2



#84

1,2,4-Trimethylbenzene

Concen: 48.661 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020728.D

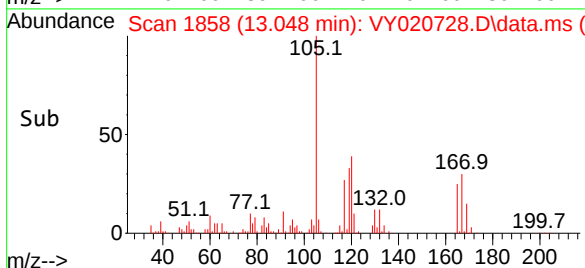
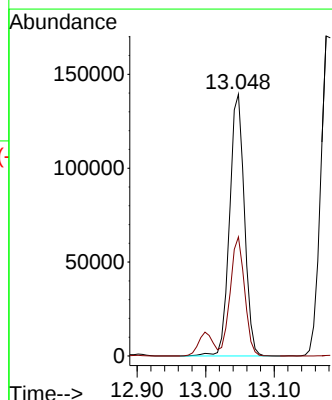
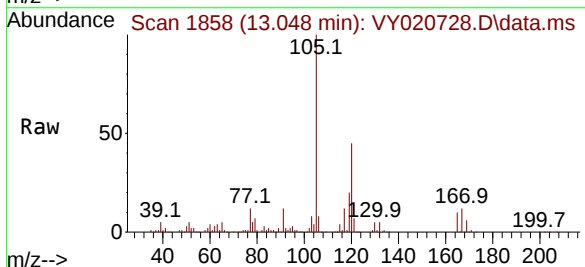
Acq: 26 Dec 2024 19:34

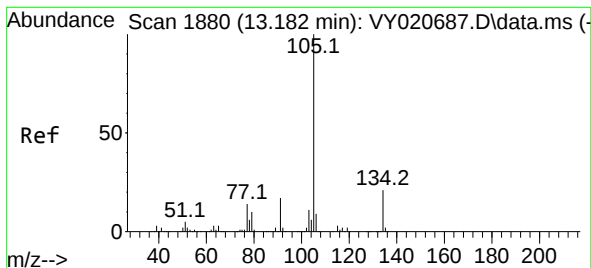
Tgt Ion:105 Resp: 209170

Ion Ratio Lower Upper

105 100

120 44.4 21.8 65.3





#85

sec-Butylbenzene

Concen: 46.679 ug/l

RT: 13.176 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

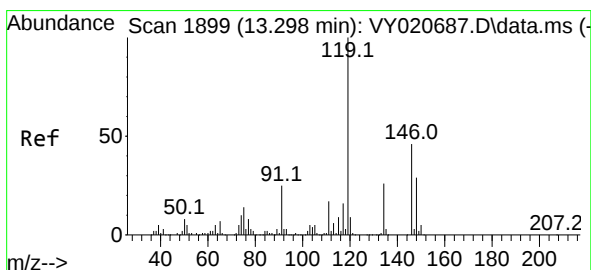
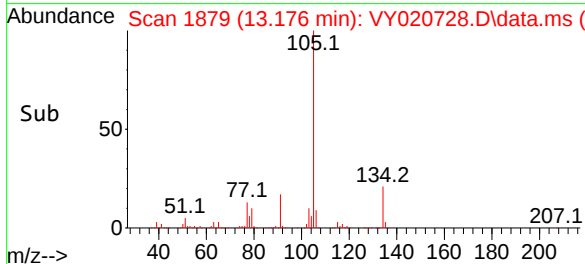
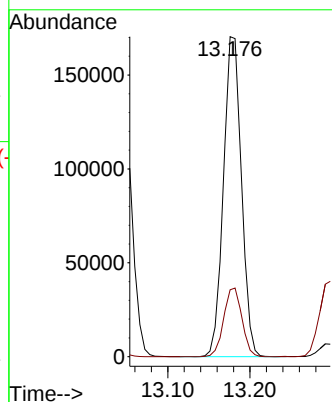
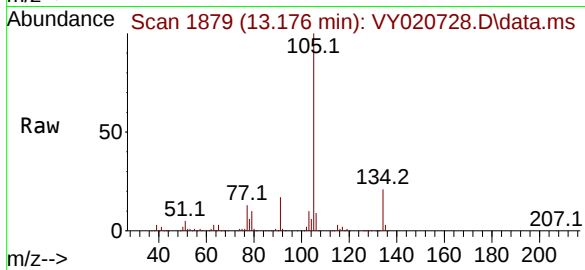
VSTDCCC050EC

Tgt Ion:105 Resp: 259512

Ion Ratio Lower Upper

105 100

134 21.7 10.7 32.1



#86

p-Isopropyltoluene

Concen: 46.789 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

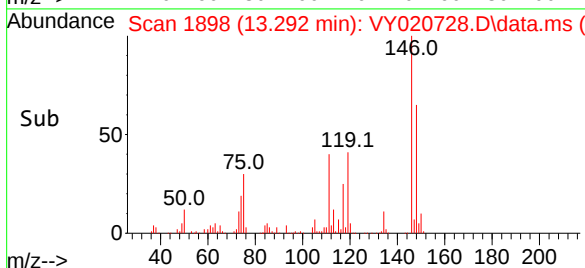
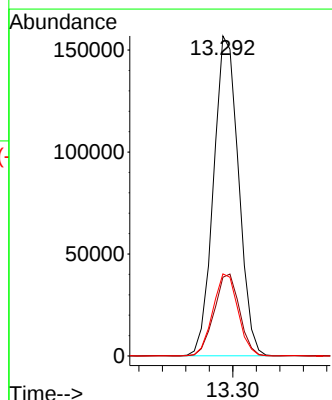
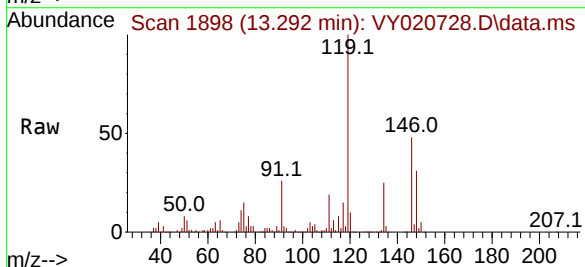
Tgt Ion:119 Resp: 231821

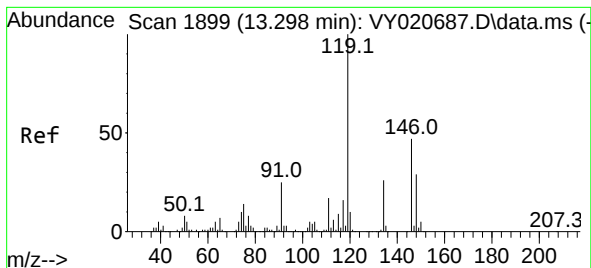
Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.2

91 25.8 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 47.503 ug/l

RT: 13.292 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

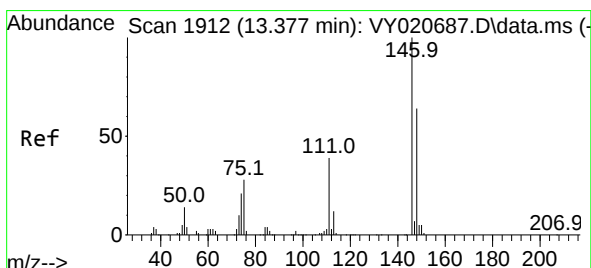
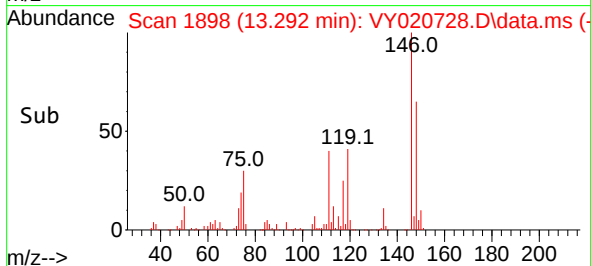
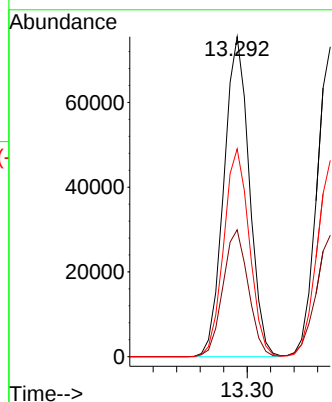
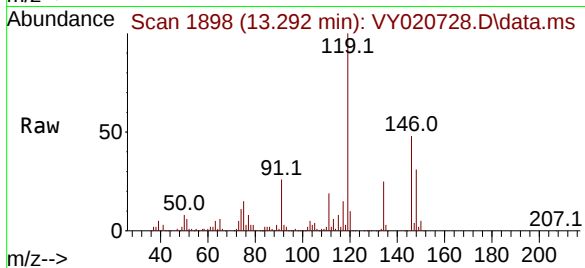
Tgt Ion:146 Resp: 113309

Ion Ratio Lower Upper

146 100

111 39.7 19.3 57.8

148 65.4 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 47.392 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

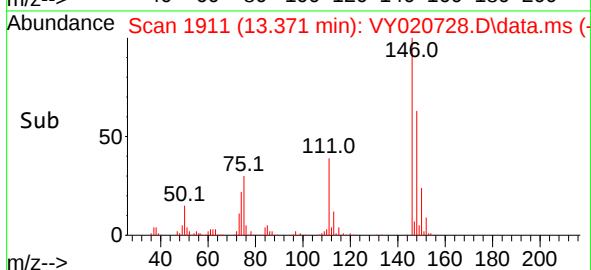
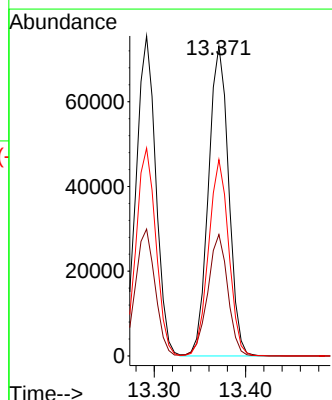
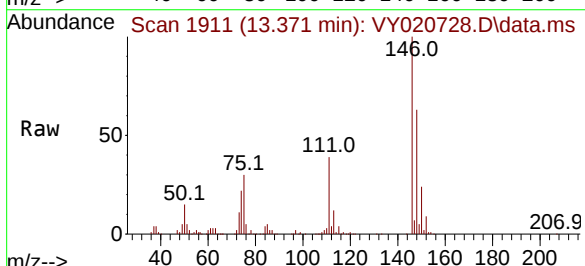
Tgt Ion:146 Resp: 112454

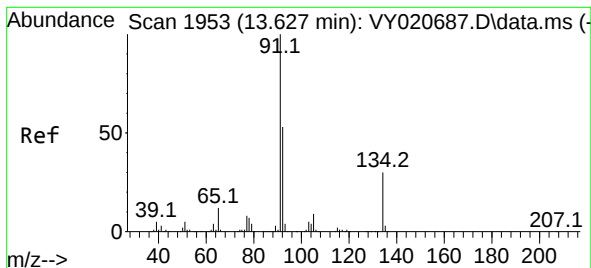
Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

148 63.3 32.8 98.3





#89

n-Butylbenzene

Concen: 46.112 ug/l

RT: 13.621 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

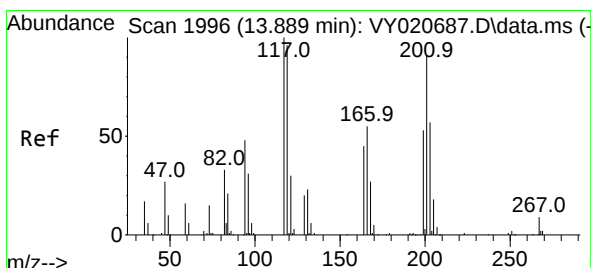
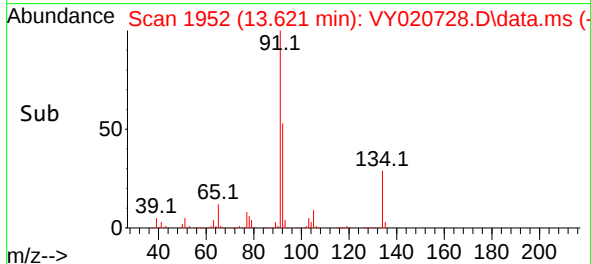
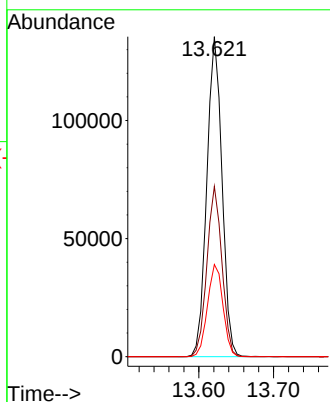
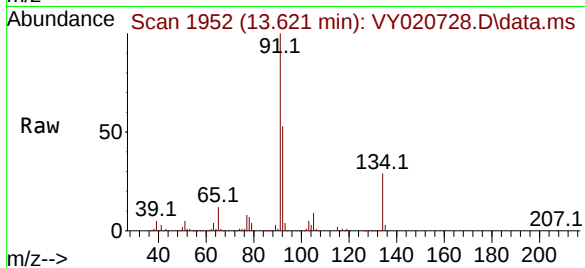
Tgt Ion: 91 Resp: 190714

Ion Ratio Lower Upper

91 100

92 52.8 26.1 78.2

134 29.4 14.8 44.4



#90

Hexachloroethane

Concen: 46.011 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY020728.D

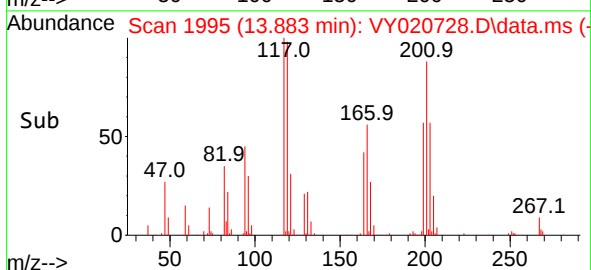
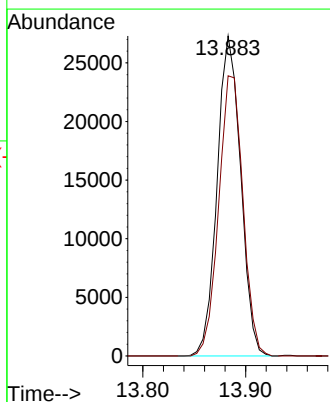
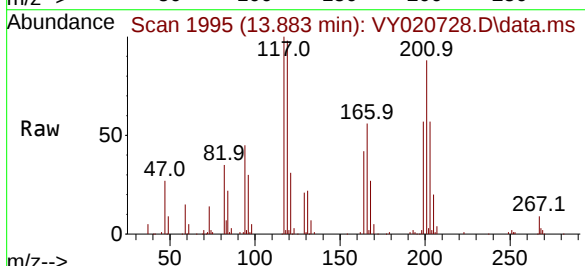
Acq: 26 Dec 2024 19:34

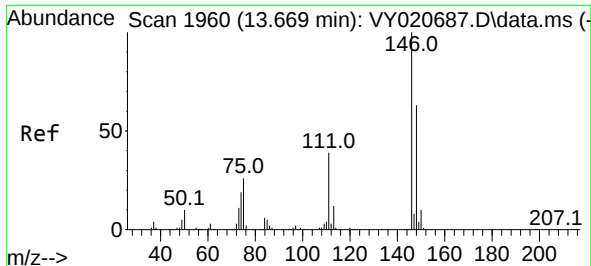
Tgt Ion: 117 Resp: 43349

Ion Ratio Lower Upper

117 100

201 90.2 44.9 134.7

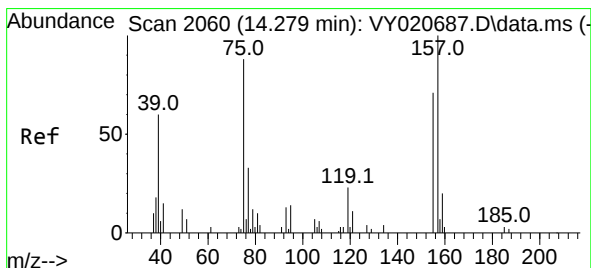
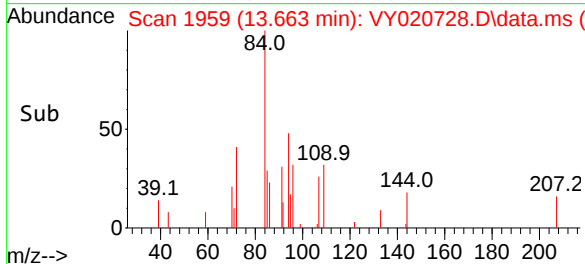
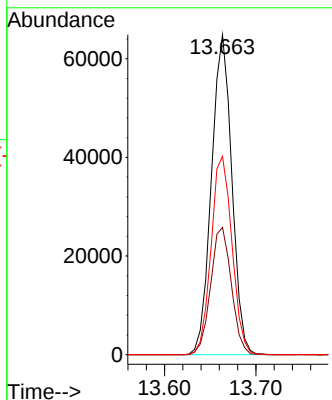
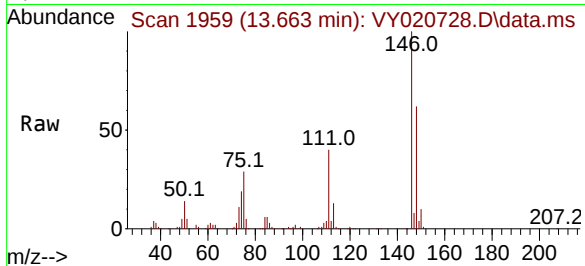




#91
1,2-Dichlorobenzene
Concen: 49.115 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

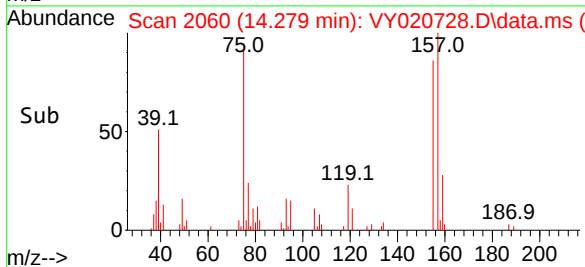
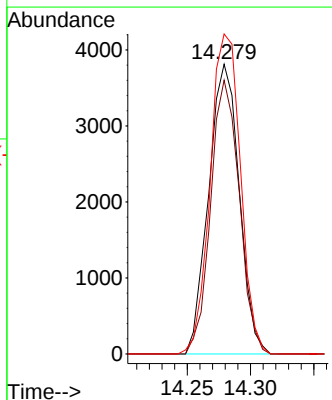
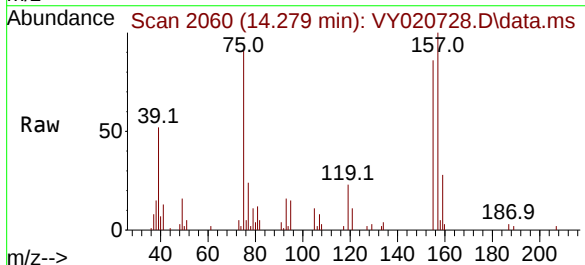
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

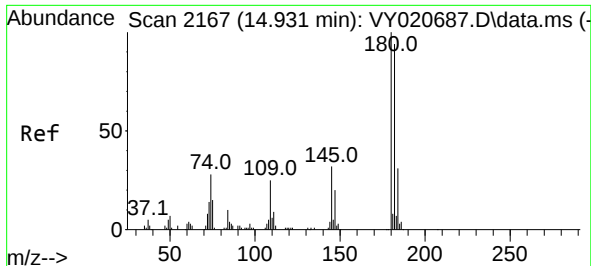
Tgt Ion:146 Resp: 100450
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 63.5 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.649 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY020728.D
Acq: 26 Dec 2024 19:34

Tgt Ion: 75 Resp: 6413
Ion Ratio Lower Upper
75 100
155 88.1 43.4 130.2
157 109.1 58.6 175.7





#93

1,2,4-Trichlorobenzene

Concen: 45.993 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

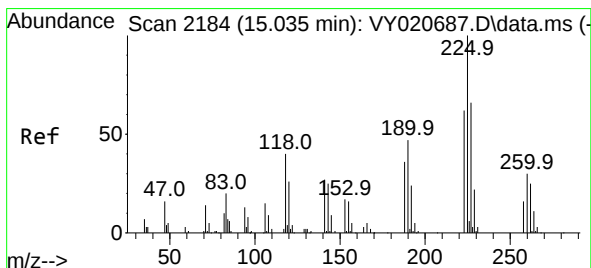
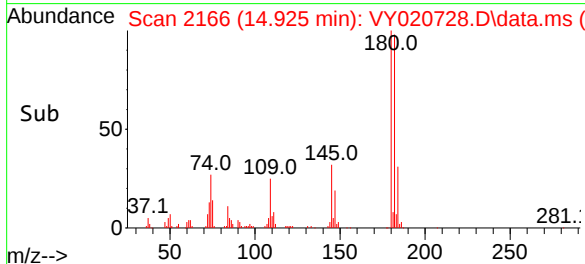
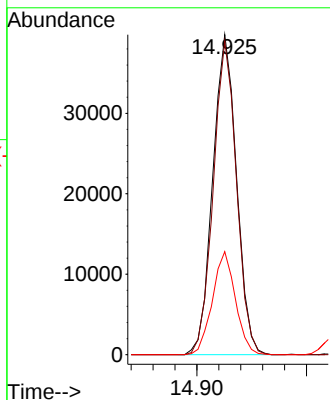
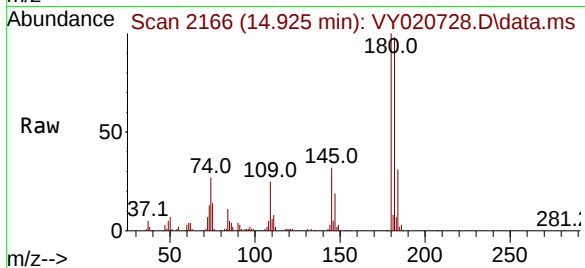
Tgt Ion:180 Resp: 59790

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 31.2 15.6 46.8



#94

Hexachlorobutadiene

Concen: 42.822 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

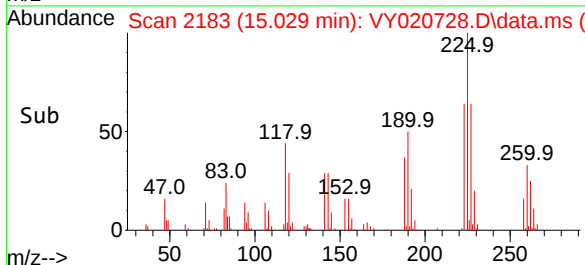
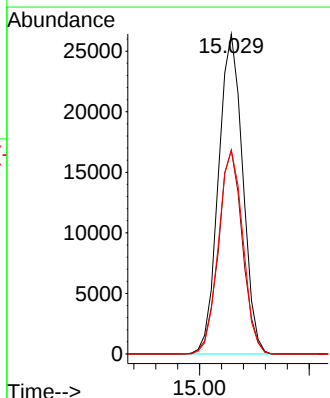
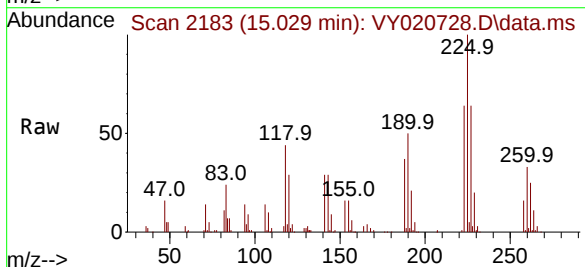
Tgt Ion:225 Resp: 40572

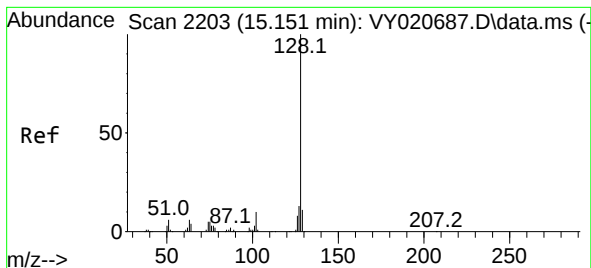
Ion Ratio Lower Upper

225 100

223 63.0 31.3 93.8

227 64.1 32.1 96.5





#95

Naphthalene

Concen: 46.789 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

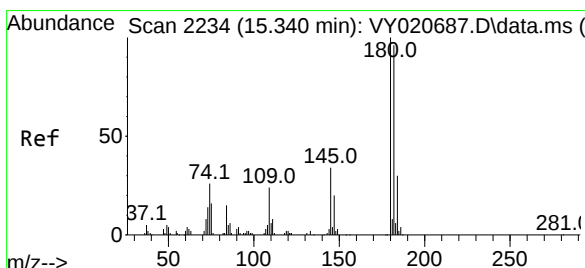
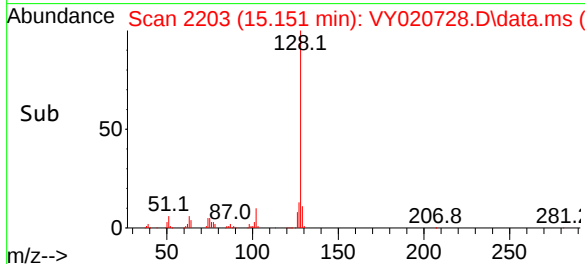
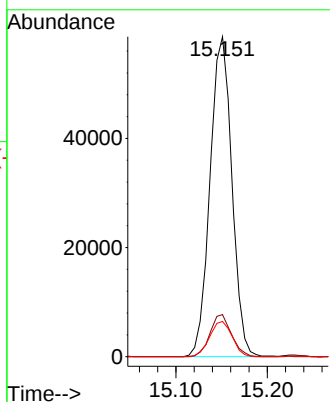
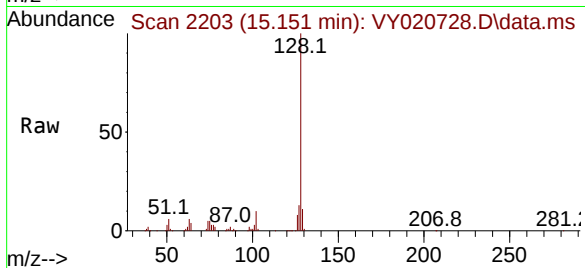
Tgt Ion:128 Resp: 97419

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.500 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.006 min

Lab File: VY020728.D

Acq: 26 Dec 2024 19:34

Tgt Ion:180 Resp: 50331

Ion Ratio Lower Upper

180 100

182 93.6 47.4 142.2

145 32.6 16.7 50.1

