

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121324\
 Data File : VY020598.D
 Acq On : 13 Dec 2024 09:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 13 22:25:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	196884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	309356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	250987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	119135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	94169	47.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.060%		
35) Dibromofluoromethane	7.652	113	98301	50.474	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.940%		
50) Toluene-d8	10.115	98	357962	48.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.540%		
62) 4-Bromofluorobenzene	12.414	95	122695	47.305	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	94.620%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	90528	47.138	ug/l	99
3) Chloromethane	2.080	50	104037	53.503	ug/l	99
4) Vinyl Chloride	2.221	62	111186	56.082	ug/l	99
5) Bromomethane	2.617	94	62715	53.913	ug/l	94
6) Chloroethane	2.751	64	69096	56.863	ug/l	96
7) Trichlorofluoromethane	3.080	101	181669	48.925	ug/l	98
8) Diethyl Ether	3.476	74	53007	50.383	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.836	101	112004	51.769	ug/l	97
10) Methyl Iodide	4.025	142	123361	50.791	ug/l	99
11) Tert butyl alcohol	4.885	59	33810	260.296	ug/l #	86
12) 1,1-Dichloroethene	3.812	96	104759	51.257	ug/l	95
13) Acrolein	3.672	56	19430	159.770	ug/l	97
14) Allyl chloride	4.403	41	187557	51.453	ug/l	94
15) Acrylonitrile	5.086	53	109857	250.611	ug/l	99
16) Acetone	3.885	43	148040	297.341	ug/l	98
17) Carbon Disulfide	4.129	76	292038	49.925	ug/l	99
18) Methyl Acetate	4.403	43	55700	52.636	ug/l	98
19) Methyl tert-butyl Ether	5.141	73	256833	49.207	ug/l	99
20) Methylene Chloride	4.641	84	109885	51.883	ug/l	97
21) trans-1,2-Dichloroethene	5.141	96	113244	49.886	ug/l	95
22) Diisopropyl ether	6.037	45	384990	53.113	ug/l	98
23) Vinyl Acetate	5.982	43	994509	259.393	ug/l	99
24) 1,1-Dichloroethane	5.939	63	221200	50.689	ug/l	99
25) 2-Butanone	6.915	43	171219	272.342	ug/l	98
26) 2,2-Dichloropropane	6.903	77	202015	48.944	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	133505	50.366	ug/l	98
28) Bromochloromethane	7.262	49	93184	57.181	ug/l	97
29) Tetrahydrofuran	7.281	42	90162	251.385	ug/l	99
30) Chloroform	7.439	83	220947	49.333	ug/l	98
31) Cyclohexane	7.720	56	192209	48.720	ug/l	97
32) 1,1,1-Trichloroethane	7.634	97	205238	47.590	ug/l	97
36) 1,1-Dichloropropene	7.854	75	161320	49.051	ug/l	99
37) Ethyl Acetate	7.000	43	65554	50.312	ug/l	98
38) Carbon Tetrachloride	7.835	117	182845	46.582	ug/l	97
39) Methylcyclohexane	9.122	83	206064	50.492	ug/l	97
40) Benzene	8.098	78	477273	49.220	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	35456	47.868	ug/l	94
42) 1,2-Dichloroethane	8.171	62	120678	47.363	ug/l	100
43) Isopropyl Acetate	8.207	43	129706	49.298	ug/l	96
44) Trichloroethene	8.878	130	118194	49.444	ug/l	95
45) 1,2-Dichloropropane	9.152	63	112498	49.578	ug/l	99
46) Dibromomethane	9.244	93	54606	48.604	ug/l	97
47) Bromodichloromethane	9.433	83	160540	48.500	ug/l	99
48) Methyl methacrylate	9.231	41	61590	50.200	ug/l	96
49) 1,4-Dioxane	9.244	88	10986	1023.000	ug/l	98
51) 4-Methyl-2-Pentanone	10.006	43	325841	250.775	ug/l	99
52) Toluene	10.183	92	297070	49.103	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	144301	48.558	ug/l	99
54) cis-1,3-Dichloropropene	9.866	75	175928	50.092	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	73621	49.123	ug/l	99
56) Ethyl methacrylate	10.445	69	104042	49.063	ug/l	97
57) 1,3-Dichloropropane	10.725	76	134647	50.172	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	246096	247.864	ug/l	98
59) 2-Hexanone	10.768	43	245014	261.389	ug/l	97
60) Dibromochloromethane	10.920	129	102296	49.026	ug/l	99
61) 1,2-Dibromoethane	11.024	107	66026	48.175	ug/l	98
64) Tetrachloroethene	10.658	164	102706	48.429	ug/l	98
65) Chlorobenzene	11.451	112	310418	49.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	110269	49.424	ug/l	98
67) Ethyl Benzene	11.530	91	580105	49.194	ug/l	100
68) m/p-Xylenes	11.640	106	422072	97.748	ug/l	99
69) o-Xylene	11.963	106	199300	49.268	ug/l	100
70) Styrene	11.981	104	331270	49.085	ug/l	100
71) Bromoform	12.139	173	55278	48.731	ug/l #	99
73) Isopropylbenzene	12.261	105	550106	47.724	ug/l	99
74) N-amyl acetate	12.079	43	109291	48.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	79091	47.712	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	64643m	53.265	ug/l	
77) Bromobenzene	12.542	156	114489	47.961	ug/l	96
78) n-propylbenzene	12.603	91	661858	48.496	ug/l	99
79) 2-Chlorotoluene	12.688	91	367486	47.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	441562	47.802	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	28409	48.031	ug/l	94
82) 4-Chlorotoluene	12.786	91	369259	46.987	ug/l	100
83) tert-Butylbenzene	13.005	119	395569	47.365	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	427558	47.621	ug/l	99
85) sec-Butylbenzene	13.188	105	581251	48.564	ug/l	99
86) p-Isopropyltoluene	13.304	119	484060	48.942	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	223931	48.642	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	216496	48.037	ug/l	100
89) n-Butylbenzene	13.627	91	458906	50.027	ug/l	99
90) Hexachloroethane	13.889	117	93978	48.756	ug/l	96
91) 1,2-Dichlorobenzene	13.670	146	187649	48.065	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11052	44.041	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	108934	49.622	ug/l	99
94) Hexachlorobutadiene	15.035	225	77758	50.631	ug/l	99
95) Naphthalene	15.157	128	172459	48.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	88911	50.193	ug/l	98

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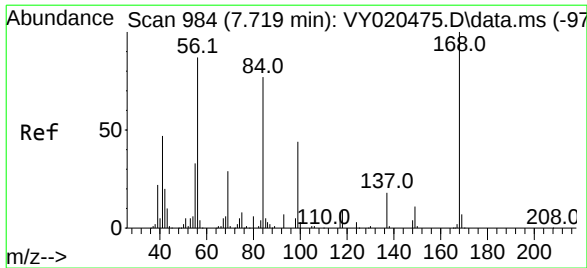
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

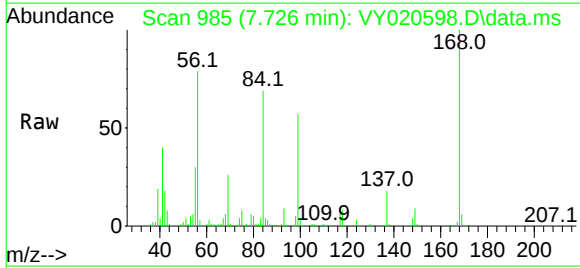
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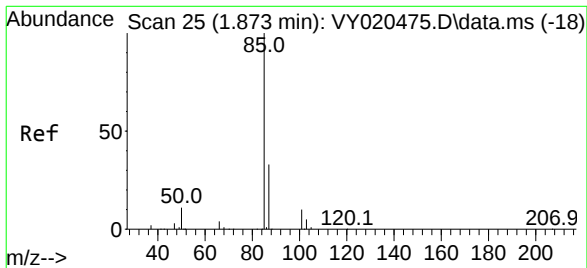
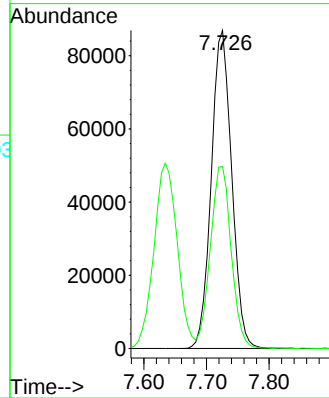
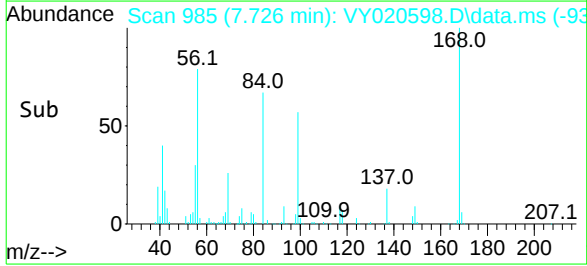


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. 0.007 min
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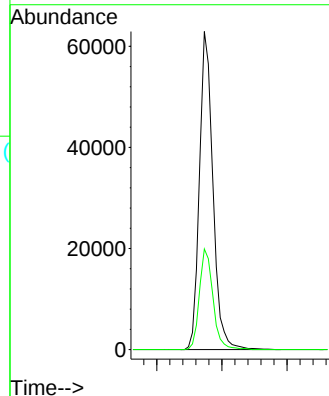
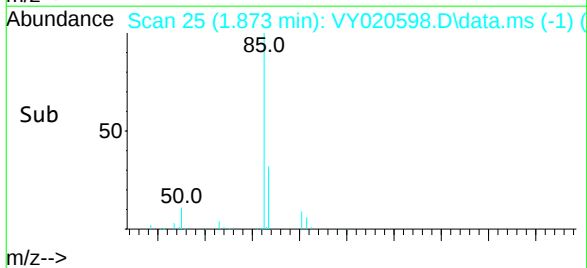
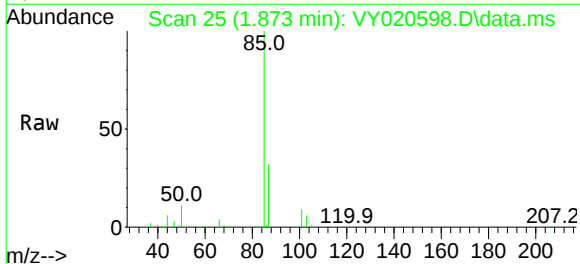


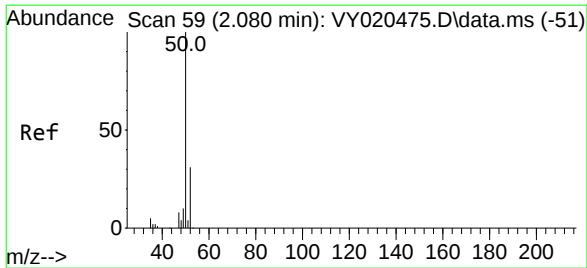
Tgt Ion:168 Resp: 196884
Ion Ratio Lower Upper
168 100
99 57.1 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 47.138 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 85 Resp: 90528
Ion Ratio Lower Upper
85 100
87 31.6 16.1 48.2

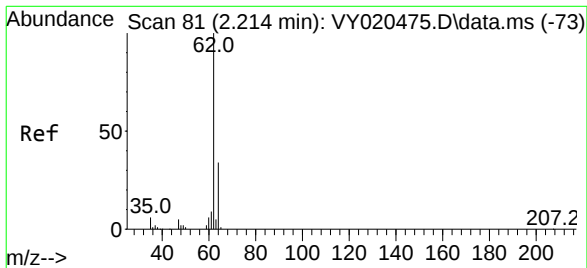
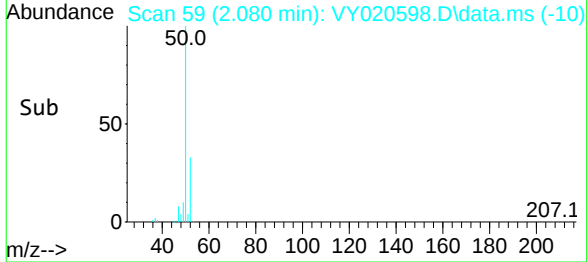
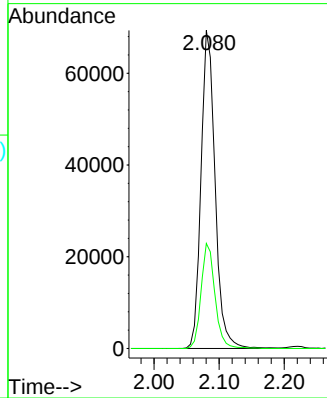
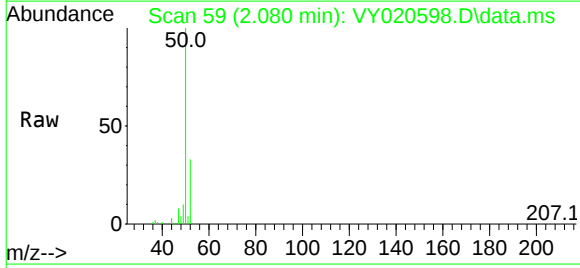




#3
Chloromethane
Concen: 53.503 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

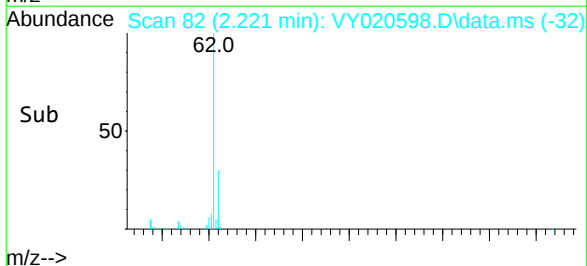
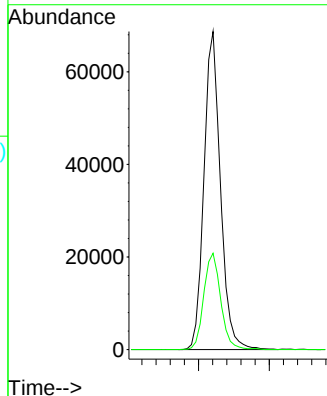
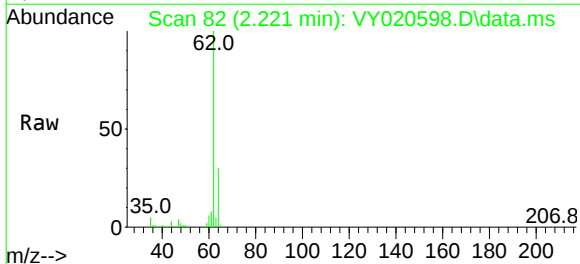
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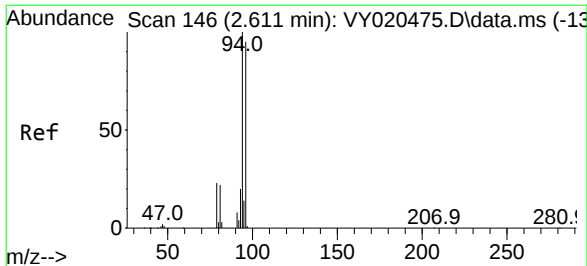
Tgt Ion: 50 Resp: 104037
Ion Ratio Lower Upper
50 100
52 33.0 26.9 40.3



#4
Vinyl Chloride
Concen: 56.082 ug/l
RT: 2.221 min Scan# 82
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 62 Resp: 111186
Ion Ratio Lower Upper
62 100
64 30.3 24.7 37.1

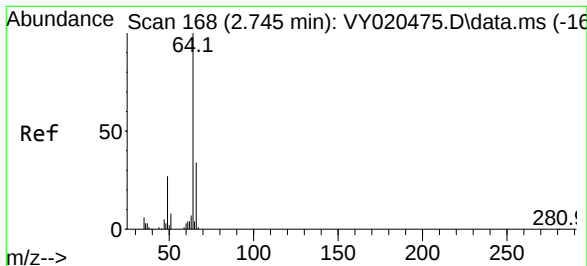
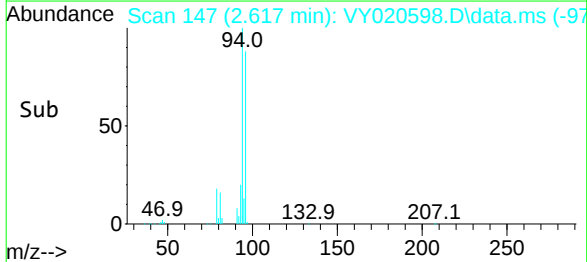
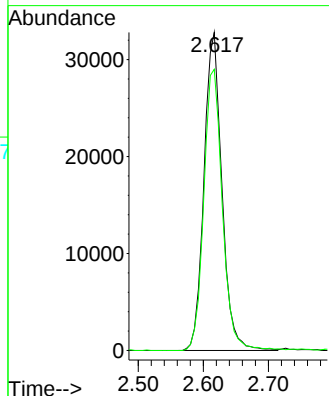
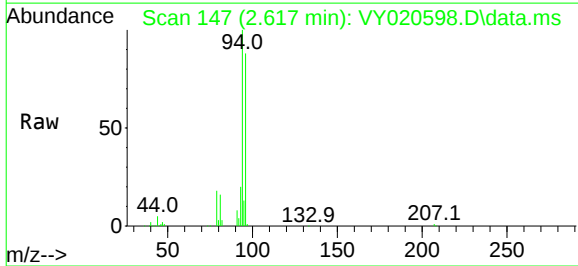




#5
Bromomethane
Concen: 53.913 ug/l
RT: 2.617 min Scan# 146
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

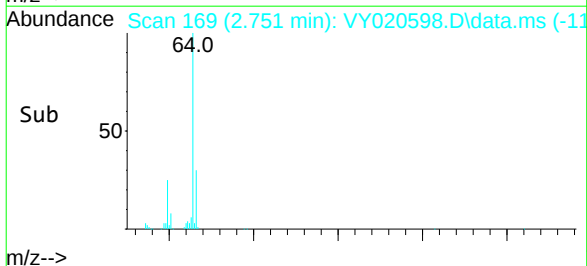
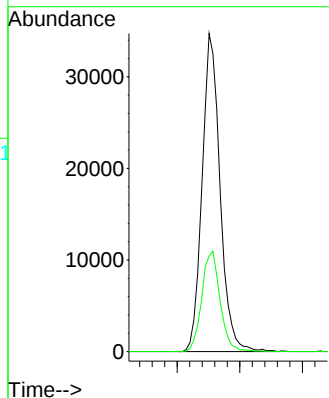
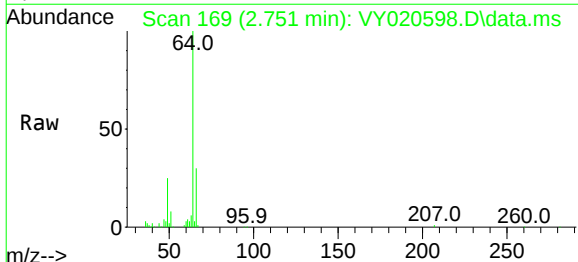
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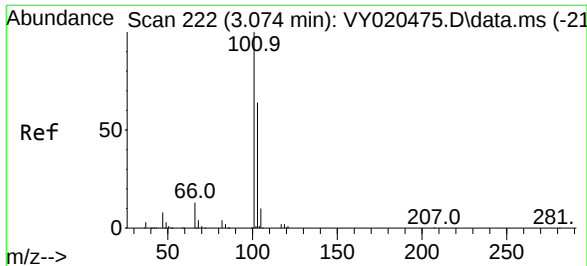
Tgt Ion: 94 Resp: 62715
Ion Ratio Lower Upper
94 100
96 88.4 75.4 113.2



#6
Chloroethane
Concen: 56.863 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 64 Resp: 69096
Ion Ratio Lower Upper
64 100
66 30.1 25.7 38.5

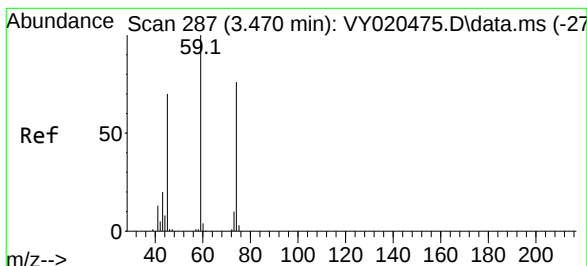
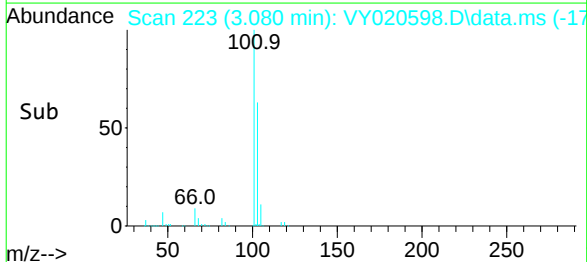
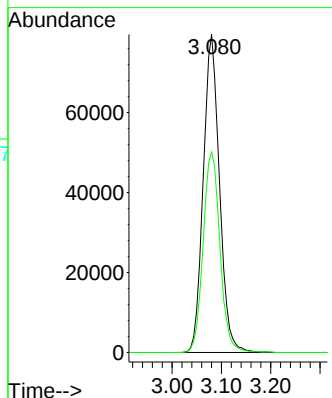
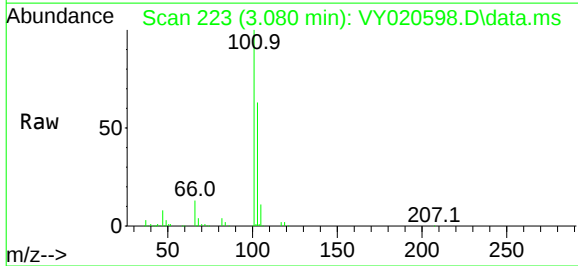




#7
 Trichlorofluoromethane
 Concen: 48.925 ug/l
 RT: 3.080 min Scan# 222
 Delta R.T. 0.006 min
 Lab File: VY020598.D
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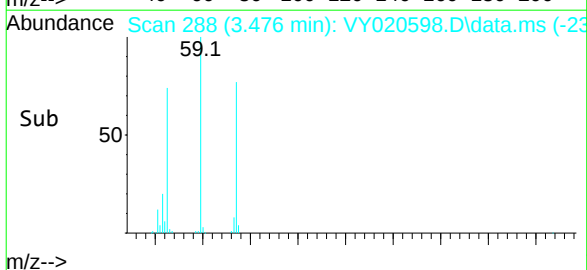
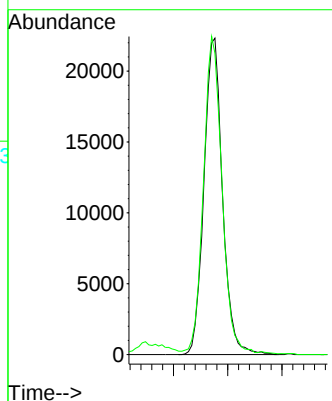
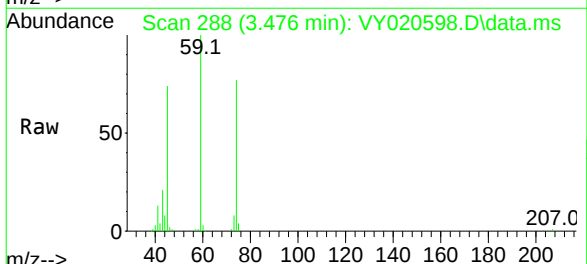
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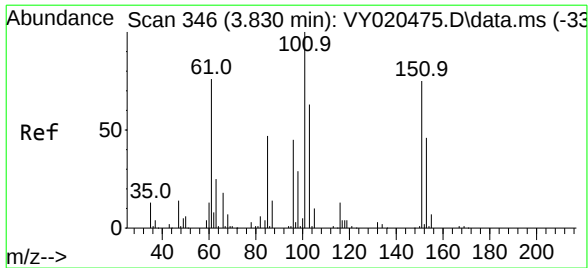
Tgt Ion: 101 Resp: 181669
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.5 77.3



#8
 Diethyl Ether
 Concen: 50.383 ug/l
 RT: 3.476 min Scan# 288
 Delta R.T. 0.006 min
 Lab File: VY020598.D
 Acq: 13 Dec 2024 09:36

Tgt Ion: 74 Resp: 53007
 Ion Ratio Lower Upper
 74 100
 45 98.6 53.6 160.8

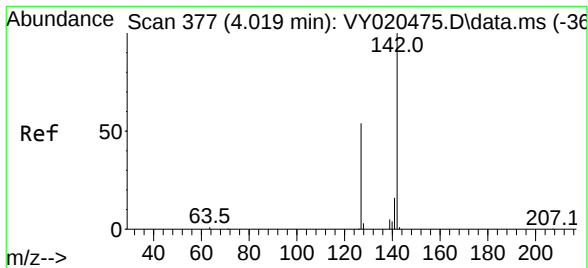
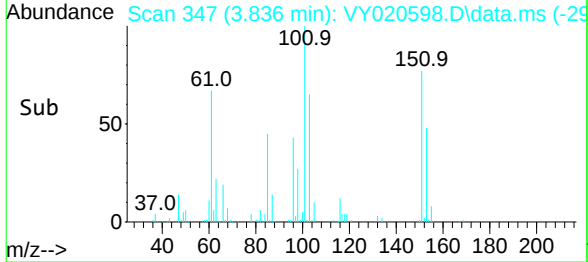
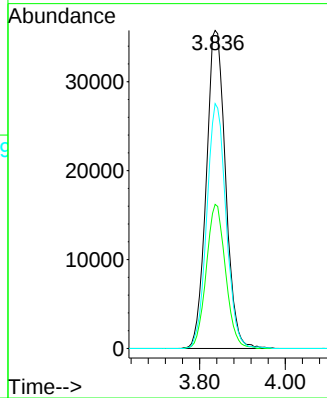
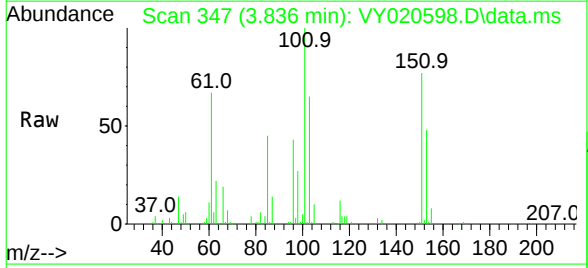




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.769 ug/l
RT: 3.836 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

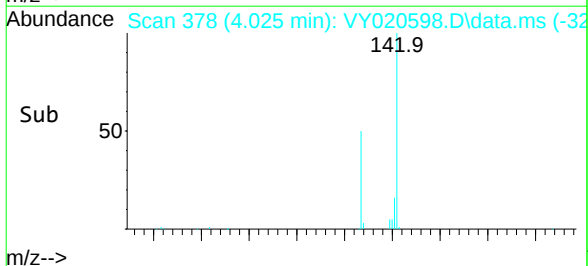
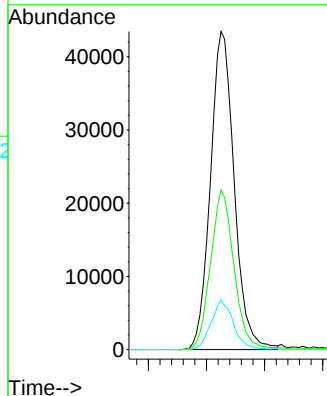
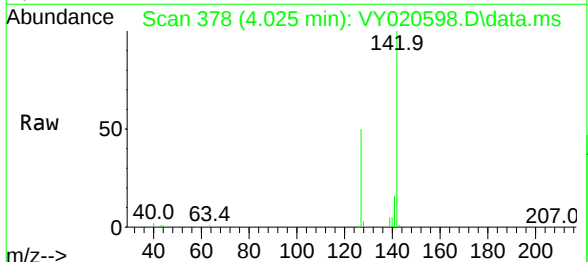
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

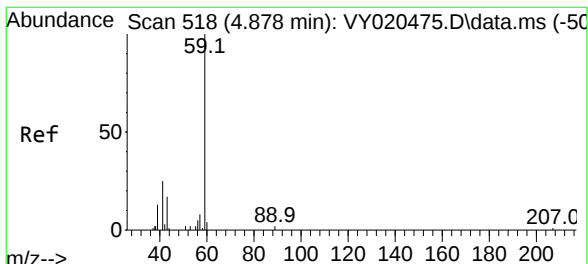
Tgt Ion:101 Resp: 112004
Ion Ratio Lower Upper
101 100
85 45.2 38.0 57.0
151 76.8 59.6 89.4



#10
Methyl Iodide
Concen: 50.791 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion:142 Resp: 123361
Ion Ratio Lower Upper
142 100
127 49.7 38.9 58.3
141 14.6 11.7 17.5

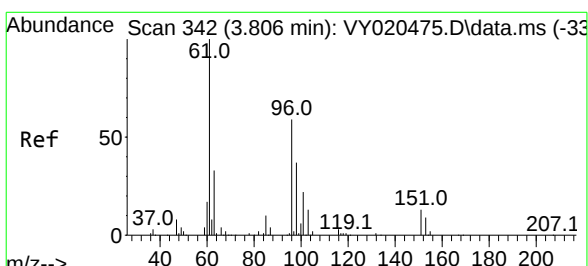
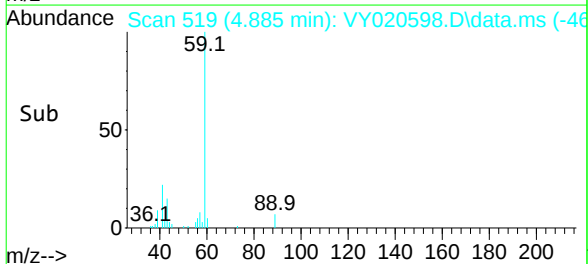
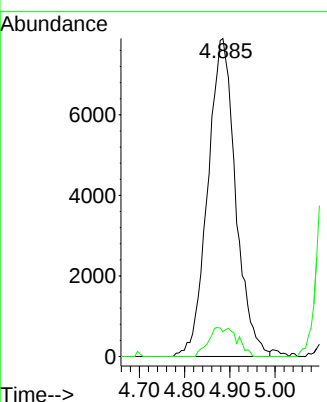
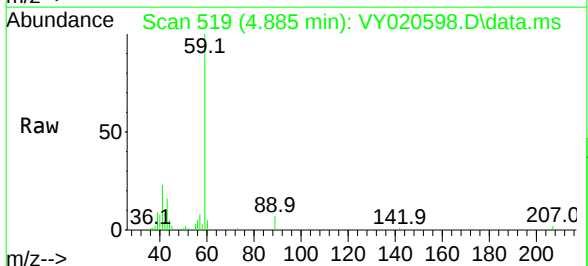




#11
Tert butyl alcohol
Concen: 260.296 ug/l
RT: 4.885 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

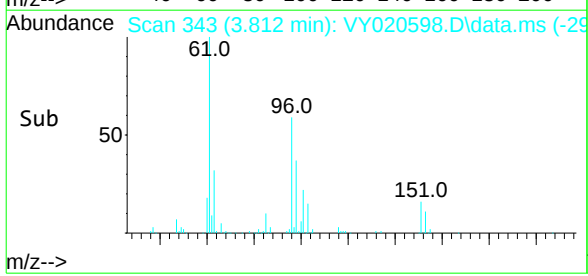
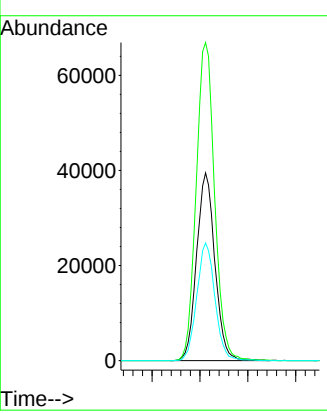
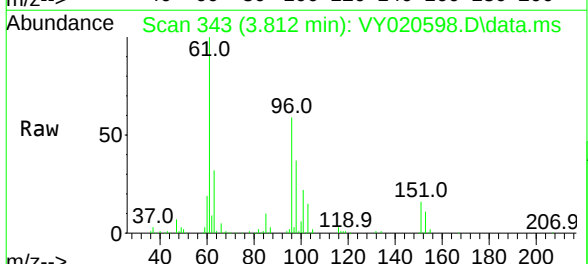
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

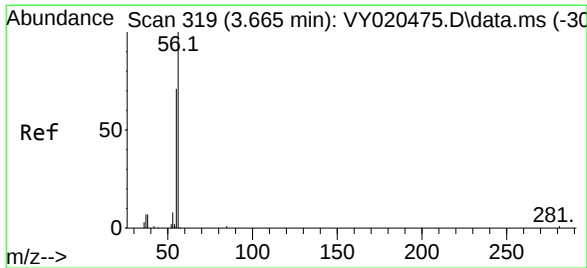
Tgt Ion:	59	Resp:	33810
Ion	Ratio	Lower	Upper
59	100		
57	4.9	8.2	12.2#



#12
1,1-Dichloroethene
Concen: 51.257 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

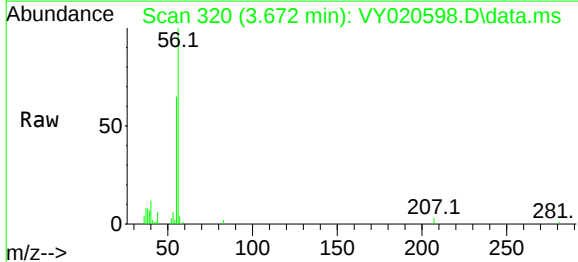
Tgt Ion:	96	Resp:	104759
Ion	Ratio	Lower	Upper
96	100		
61	169.4	143.3	214.9
98	62.7	49.8	74.8



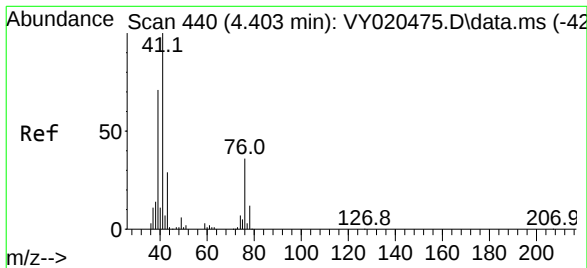
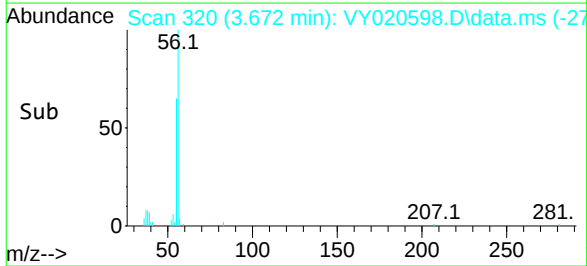
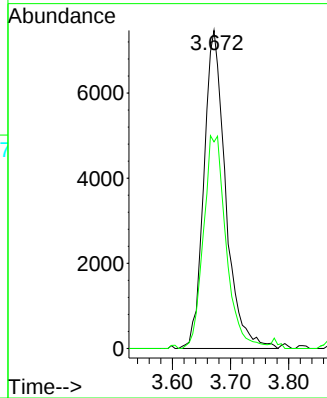


#13
Acrolein
Concen: 159.770 ug/l
RT: 3.672 min Scan# 32
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

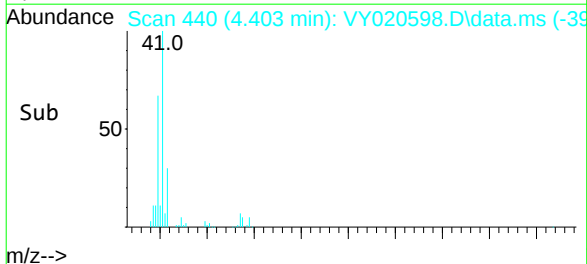
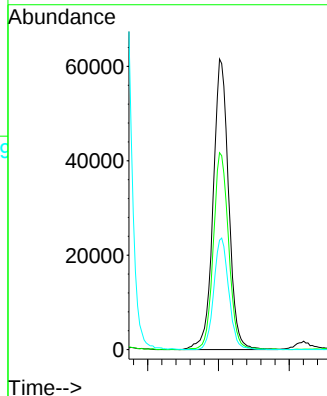
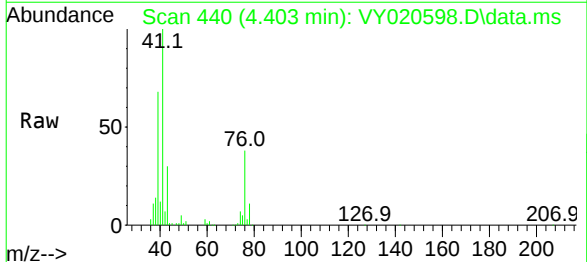


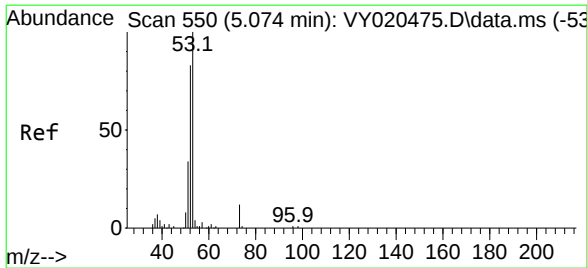
Tgt Ion: 56 Resp: 19430
Ion Ratio Lower Upper
56 100
55 69.8 57.7 86.5



#14
Allyl chloride
Concen: 51.453 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 41 Resp: 187557
Ion Ratio Lower Upper
41 100
39 66.7 58.8 88.2
76 36.9 29.7 44.5





#15

Acrylonitrile

Concen: 250.611 ug/l

RT: 5.086 min Scan# 55

Delta R.T. 0.012 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

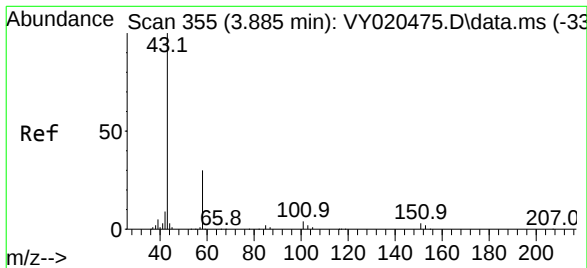
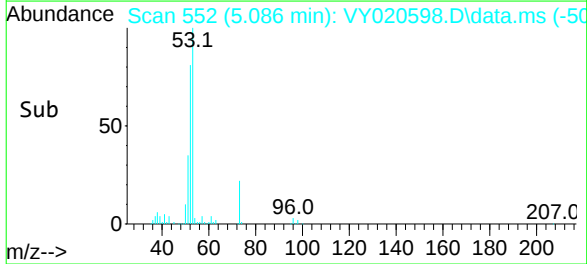
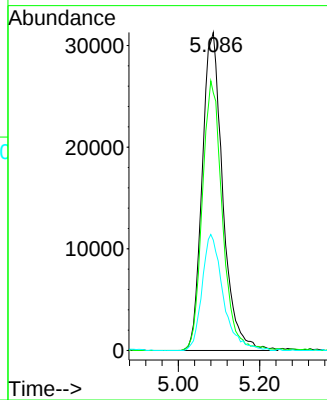
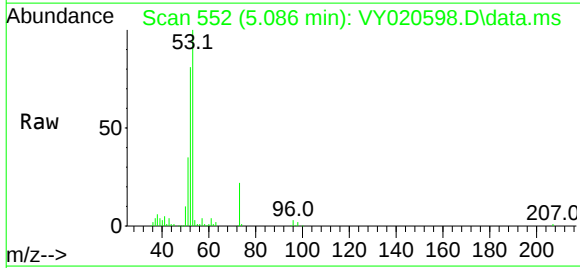
Tgt Ion: 53 Resp: 109857

Ion Ratio Lower Upper

53 100

52 82.5 65.2 97.8

51 37.6 30.2 45.4



#16

Acetone

Concen: 297.341 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.000 min

Lab File: VY020598.D

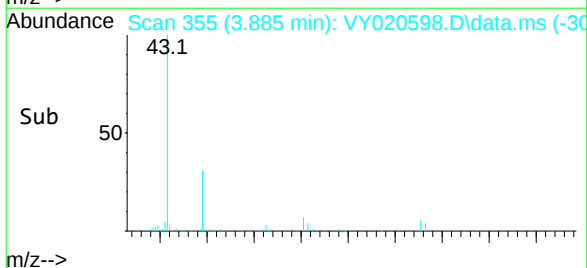
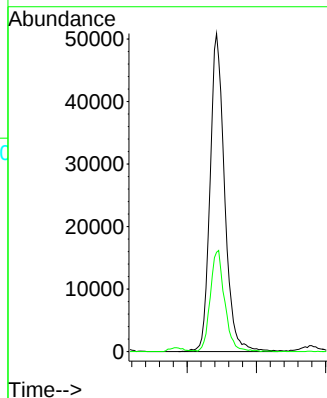
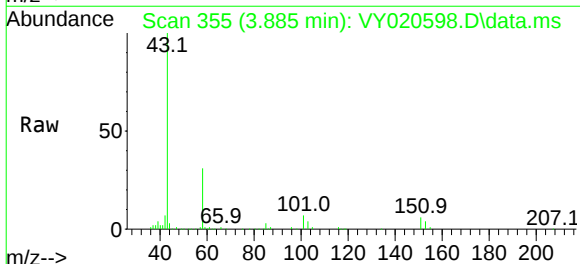
Acq: 13 Dec 2024 09:36

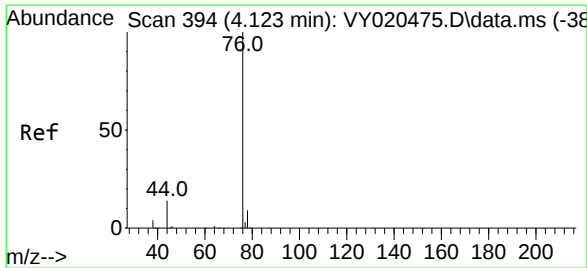
Tgt Ion: 43 Resp: 148040

Ion Ratio Lower Upper

43 100

58 31.2 25.7 38.5





#17

Carbon Disulfide

Concen: 49.925 ug/l

RT: 4.129 min Scan# 394

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

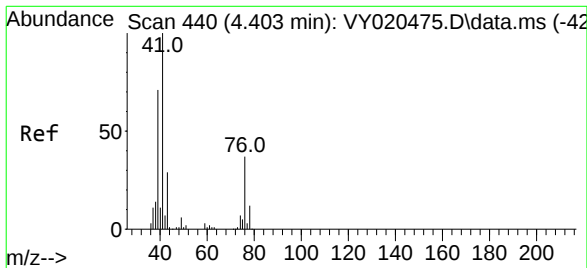
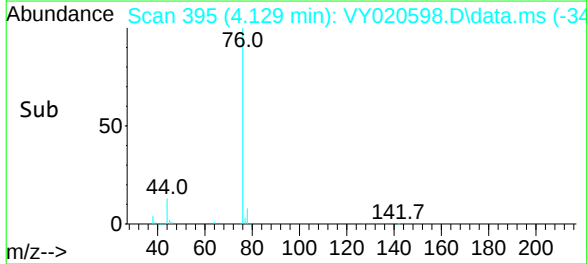
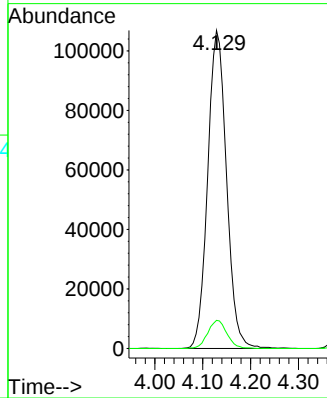
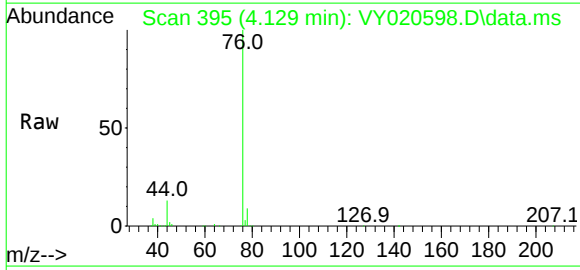
VSTDCCC050

Tgt Ion: 76 Resp: 292038

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



#18

Methyl Acetate

Concen: 52.636 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.000 min

Lab File: VY020598.D

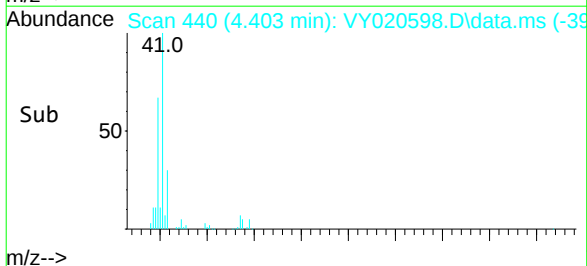
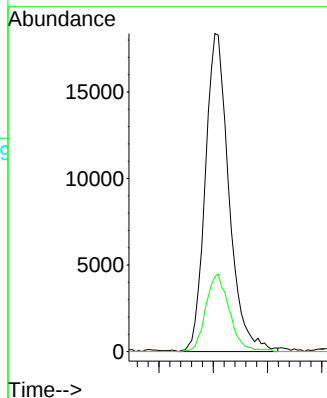
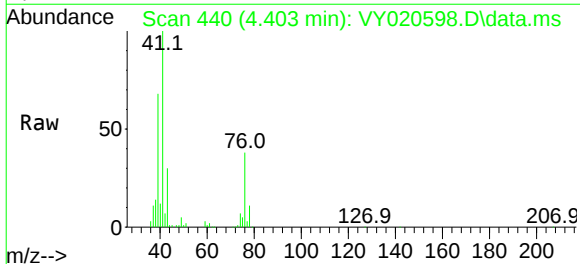
Acq: 13 Dec 2024 09:36

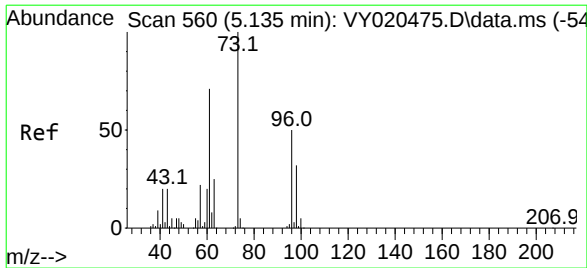
Tgt Ion: 43 Resp: 55700

Ion Ratio Lower Upper

43 100

74 24.1 18.6 27.8

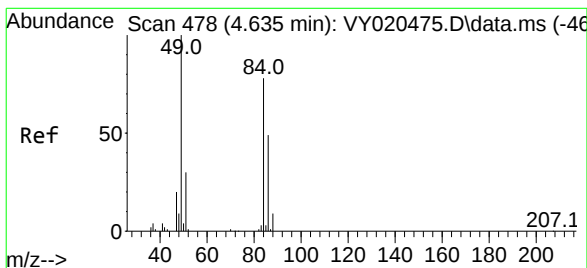
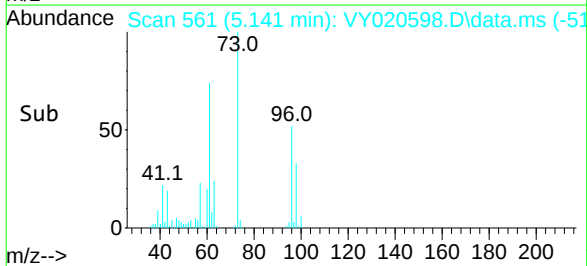
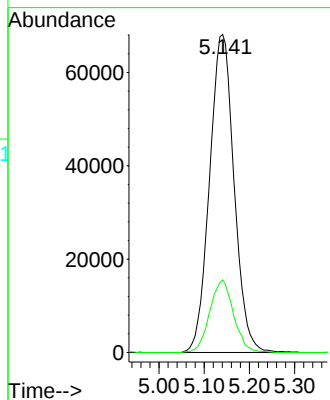
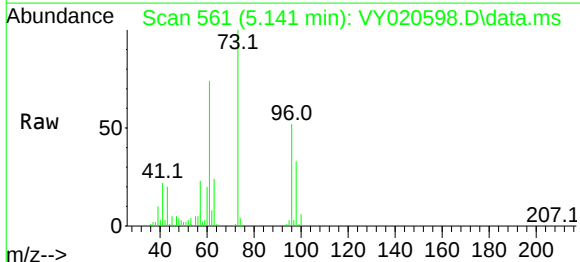




#19
Methyl tert-butyl Ether
Concen: 49.207 ug/l
RT: 5.141 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

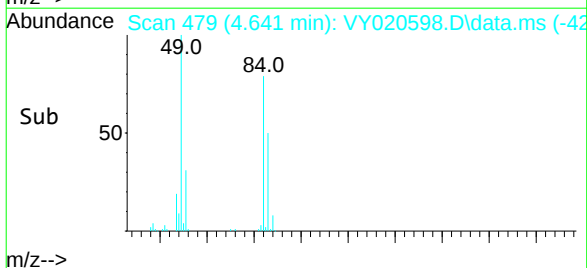
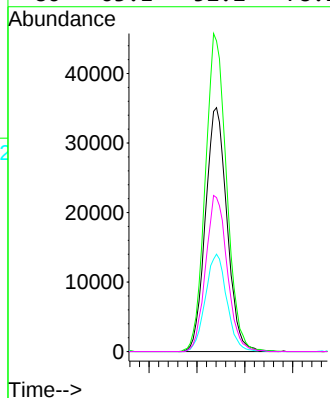
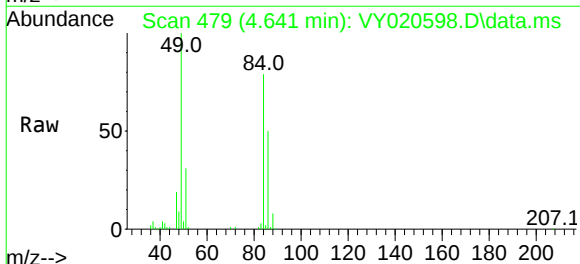
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

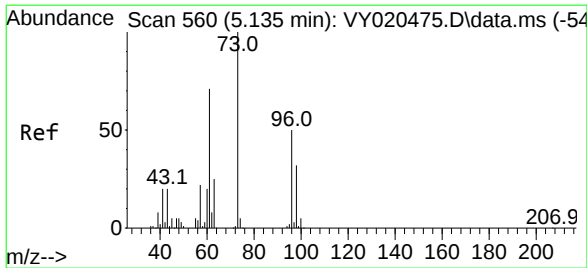
Tgt Ion: 73 Resp: 256833
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0



#20
Methylene Chloride
Concen: 51.883 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 84 Resp: 109885
Ion Ratio Lower Upper
84 100
49 127.4 104.7 157.1
51 39.9 33.4 50.0
86 63.1 52.2 78.2

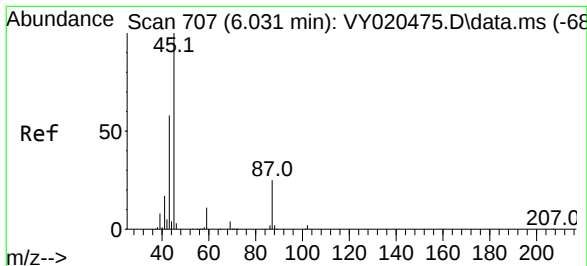
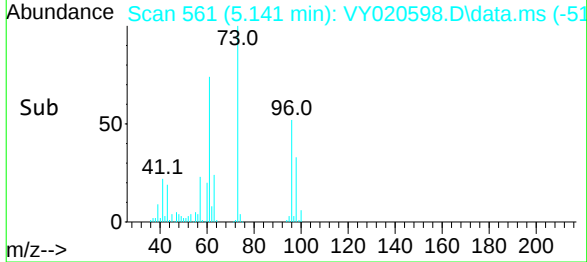
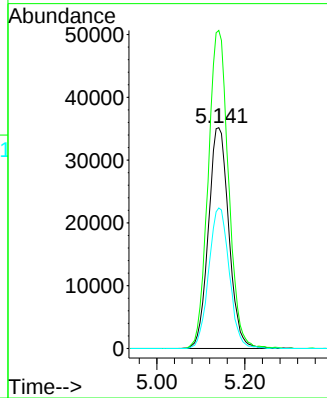
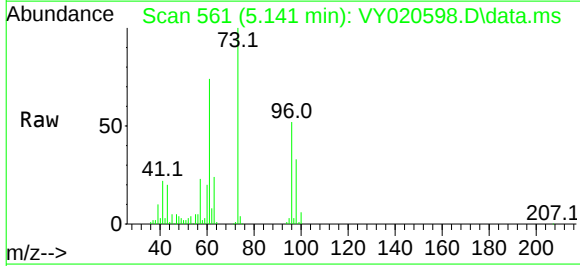




#21
trans-1,2-Dichloroethene
Concen: 49.886 ug/l
RT: 5.141 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

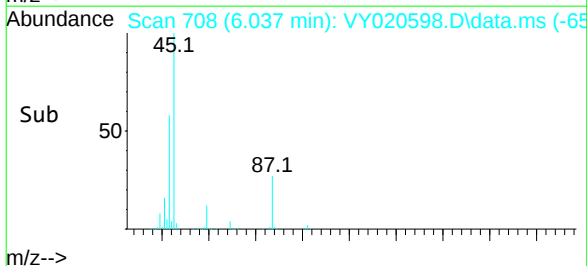
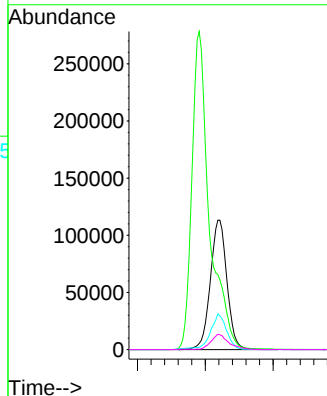
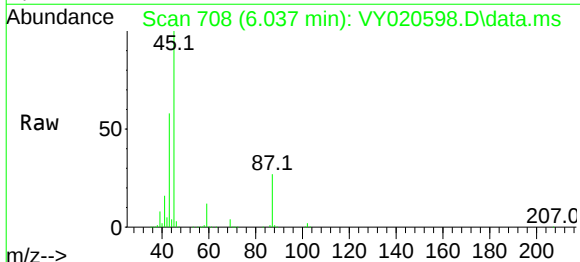
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

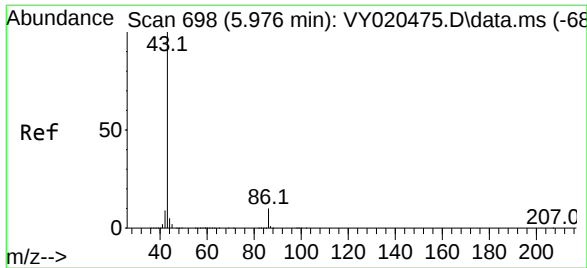
Tgt Ion: 96 Resp: 113244
Ion Ratio Lower Upper
96 100
61 144.0 111.6 167.4
98 63.6 46.7 70.1



#22
Diisopropyl ether
Concen: 53.113 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 45 Resp: 384990
Ion Ratio Lower Upper
45 100
43 57.7 44.8 67.2
87 27.5 20.6 30.8
59 11.8 9.2 13.8





#23

Vinyl Acetate

Concen: 259.393 ug/l

RT: 5.982 min Scan# 69

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

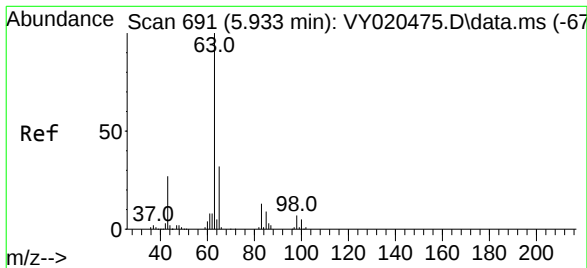
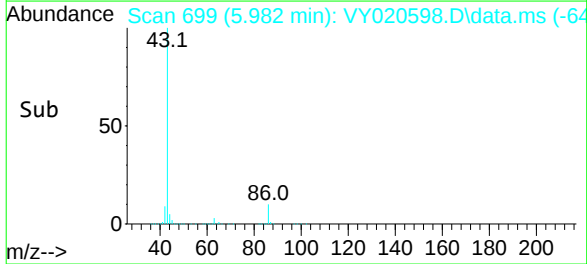
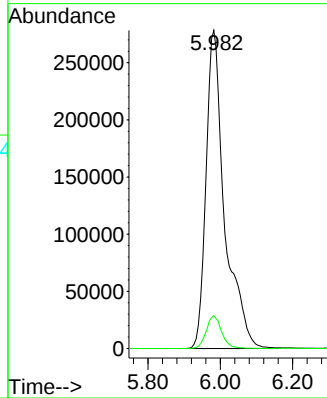
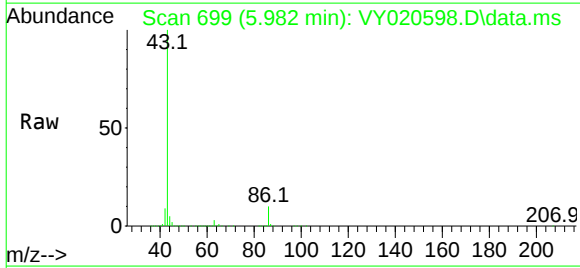
VSTDCCC050

Tgt Ion: 43 Resp: 994509

Ion Ratio Lower Upper

43 100

86 10.3 8.0 12.0



#24

1,1-Dichloroethane

Concen: 50.689 ug/l

RT: 5.939 min Scan# 692

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

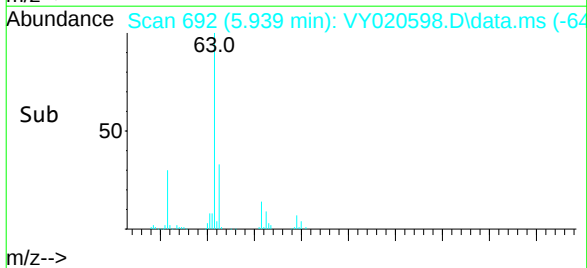
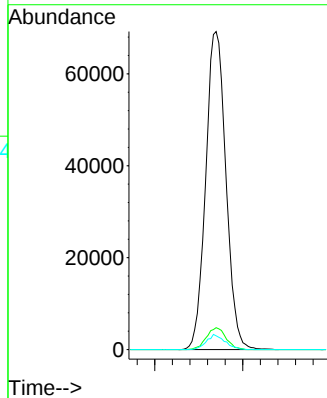
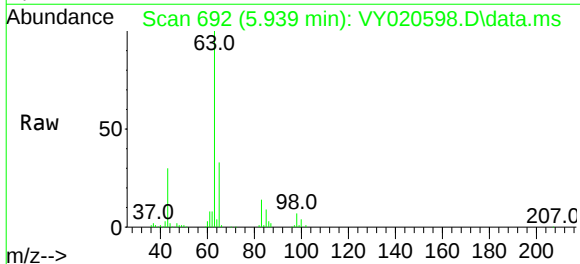
Tgt Ion: 63 Resp: 221200

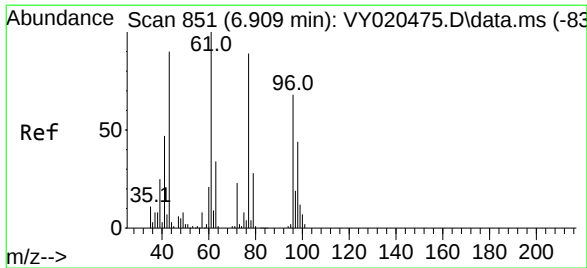
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.3 2.0 5.8

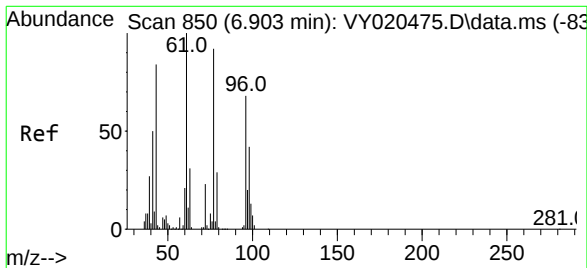
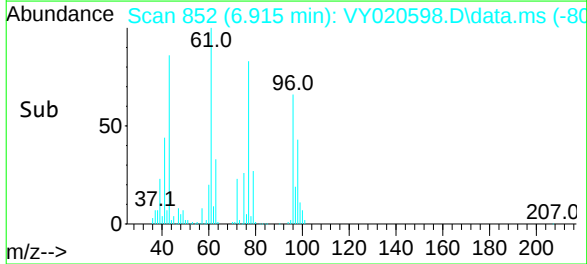
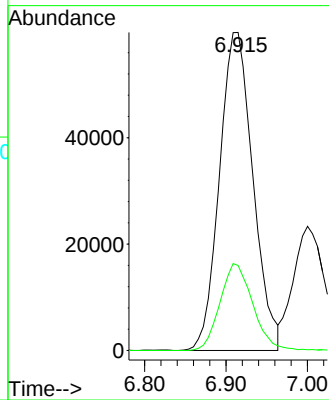
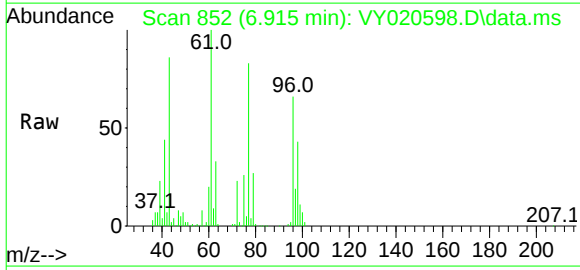




#25
2-Butanone
Concen: 272.342 ug/l
RT: 6.915 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

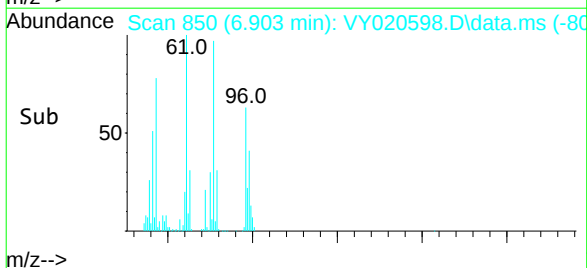
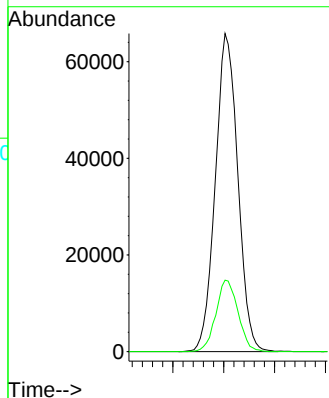
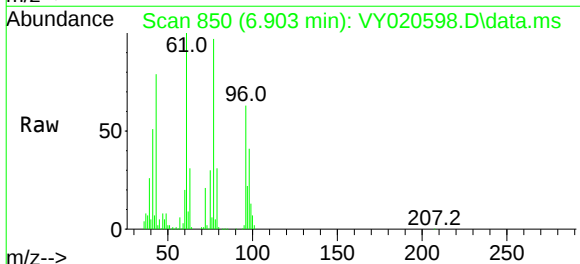
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

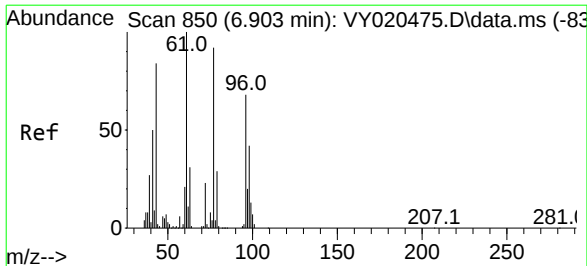
Tgt Ion: 43 Resp: 171219
Ion Ratio Lower Upper
43 100
72 26.7 20.4 30.6



#26
2,2-Dichloropropane
Concen: 48.944 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 77 Resp: 202015
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7

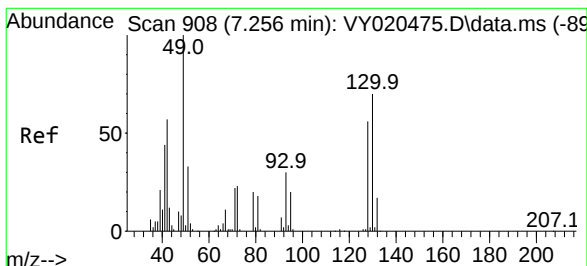
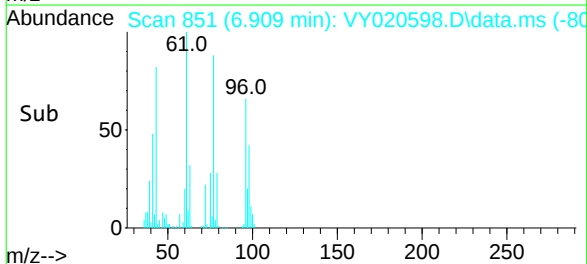
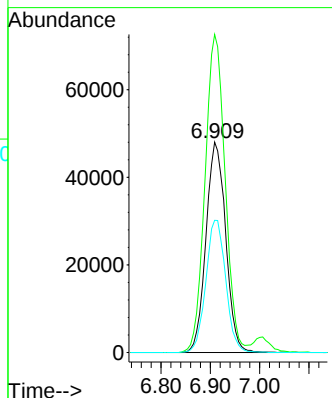
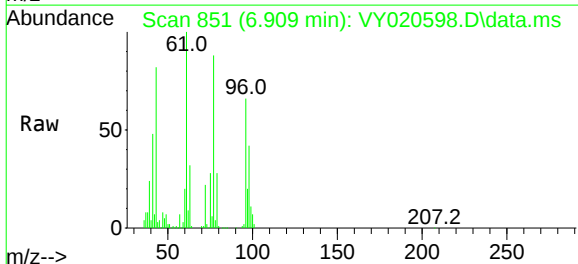




#27
 cis-1,2-Dichloroethene
 Concen: 50.366 ug/l
 RT: 6.909 min Scan# 851
 Delta R.T. 0.006 min
 Lab File: VY020598.D
 Acq: 13 Dec 2024 09:36

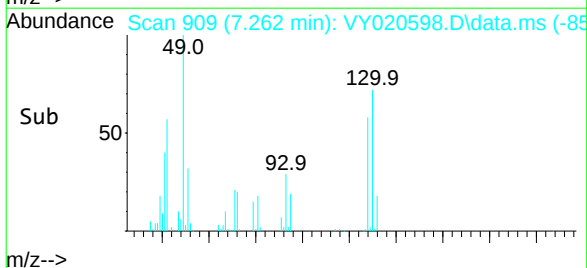
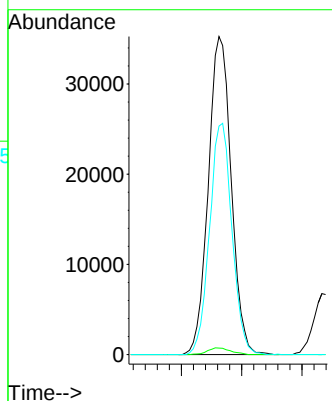
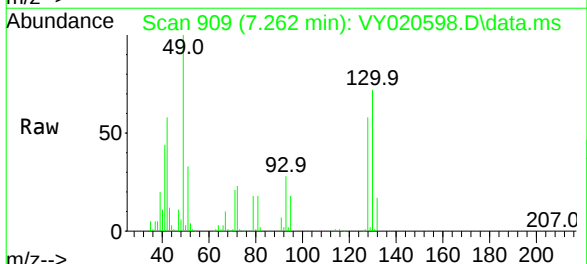
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

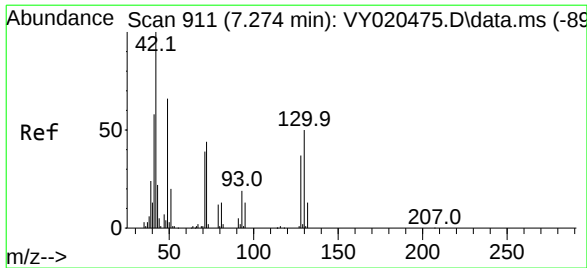
Tgt Ion:	96	Resp:	133505
Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	312.4
98	63.4	0.0	126.8



#28
 Bromochloromethane
 Concen: 57.181 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: VY020598.D
 Acq: 13 Dec 2024 09:36

Tgt Ion:	49	Resp:	93184
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	71.1	55.0	82.6

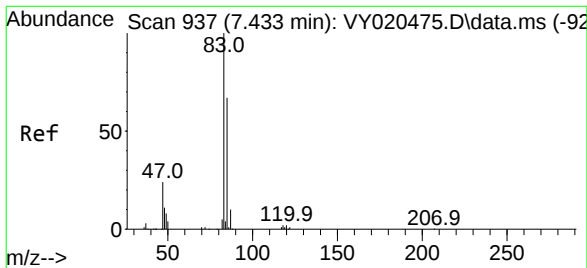
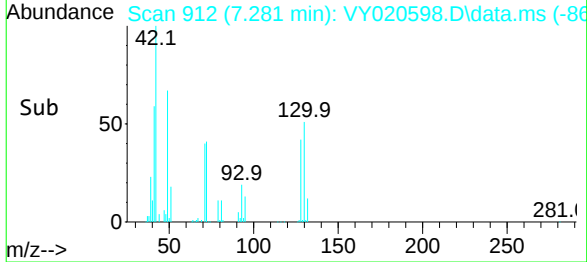
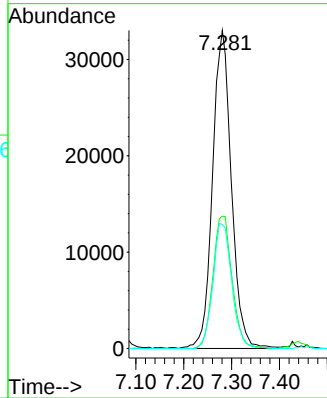
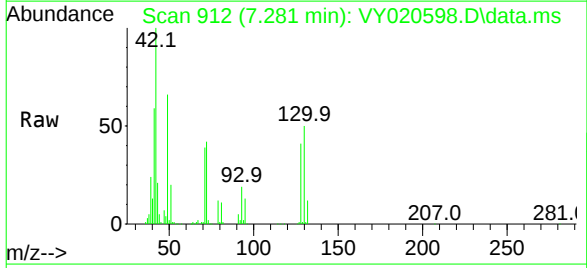




#29
Tetrahydrofuran
Concen: 251.385 ug/l
RT: 7.281 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

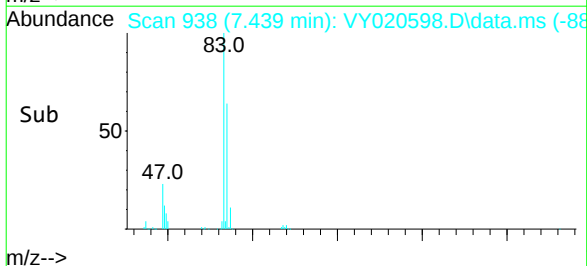
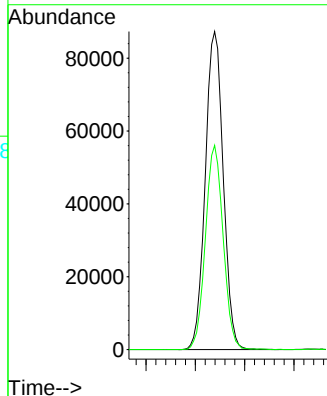
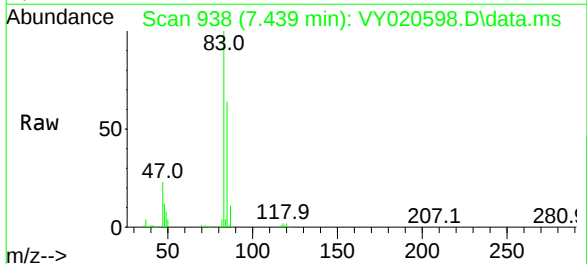
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

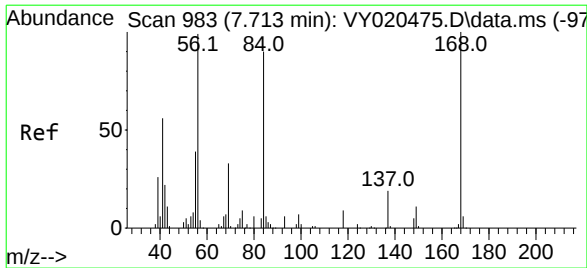
Tgt Ion: 42 Resp: 90162
Ion Ratio Lower Upper
42 100
72 42.2 33.4 50.0
71 39.4 31.9 47.9



#30
Chloroform
Concen: 49.333 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 83 Resp: 220947
Ion Ratio Lower Upper
83 100
85 64.2 50.3 75.5

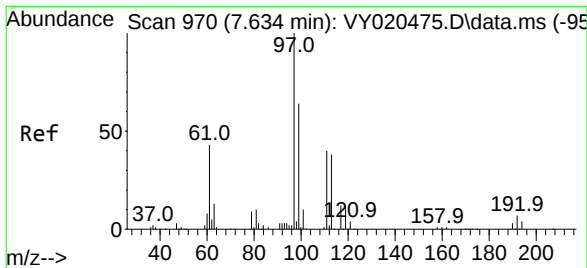
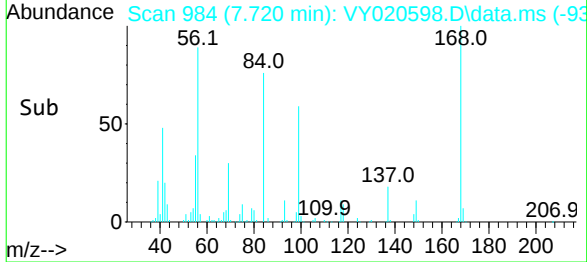
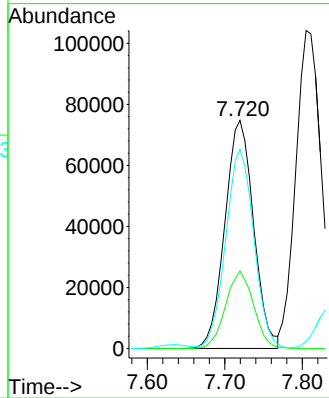
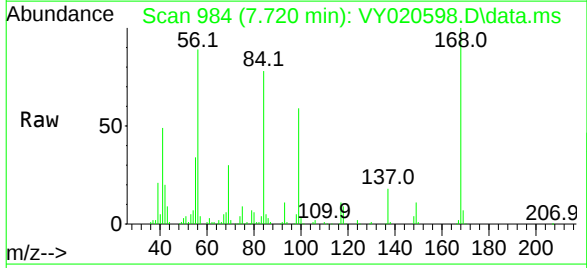




#31
Cyclohexane
Concen: 48.720 ug/l
RT: 7.720 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

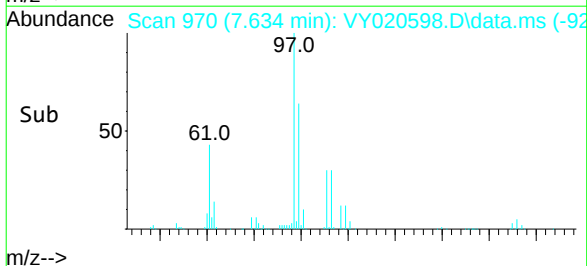
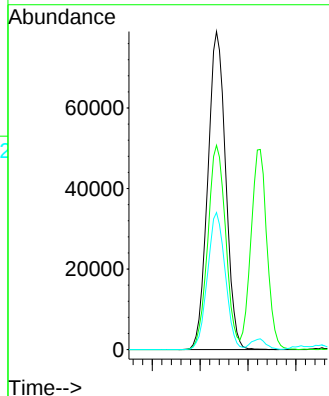
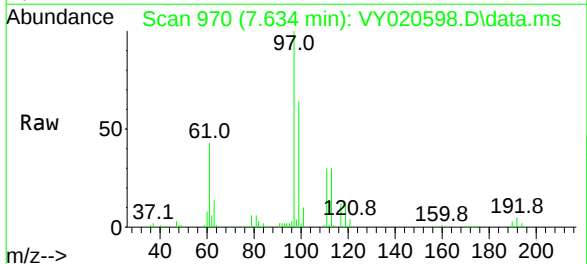
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

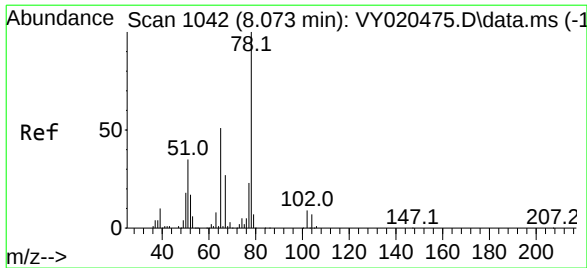
Tgt Ion:	56	Resp:	192209
Ion	Ratio	Lower	Upper
56	100		
69	33.9	25.3	37.9
84	85.7	66.9	100.3



#32
1,1,1-Trichloroethane
Concen: 47.590 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion:	97	Resp:	205238
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	42.7	37.1	55.7

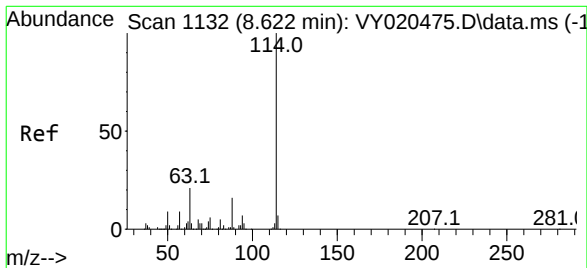
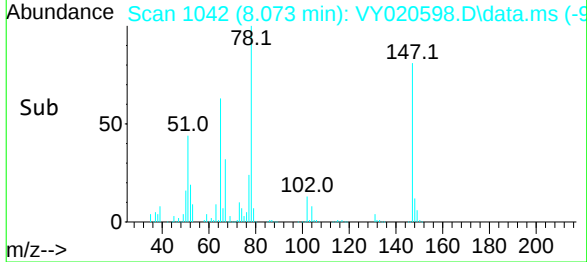
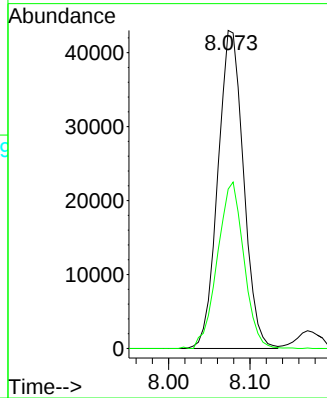
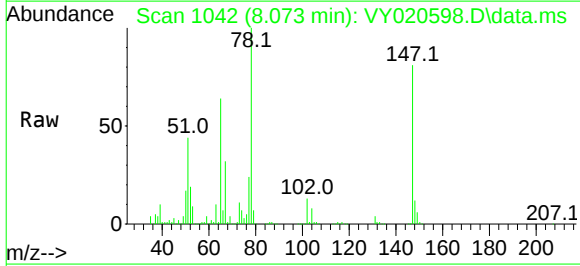




#33
1,2-Dichloroethane-d4
Concen: 47.029 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

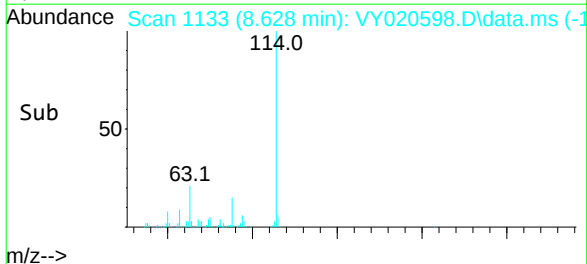
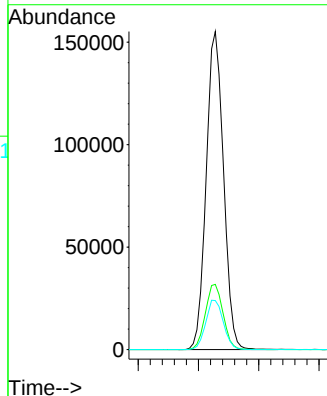
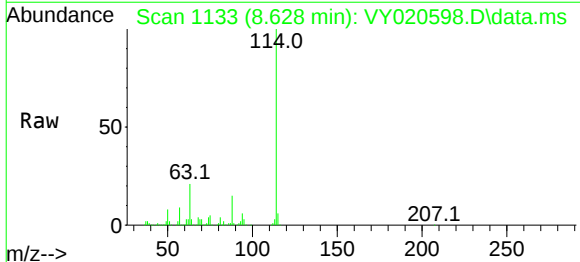
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

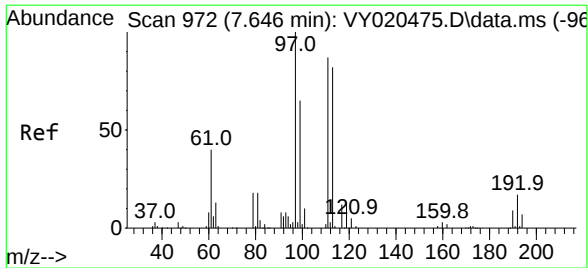
Tgt Ion: 65 Resp: 94169
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 114 Resp: 309356
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.8
88 15.4 0.0 32.0

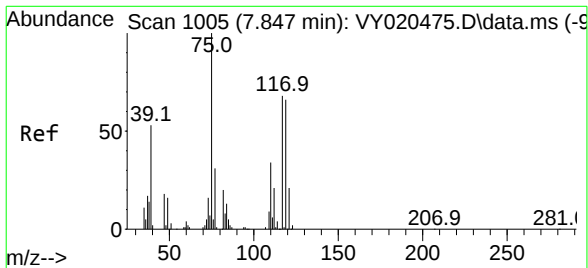
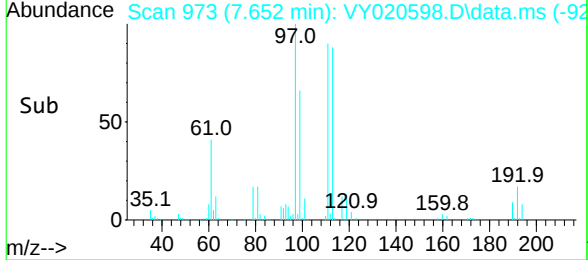
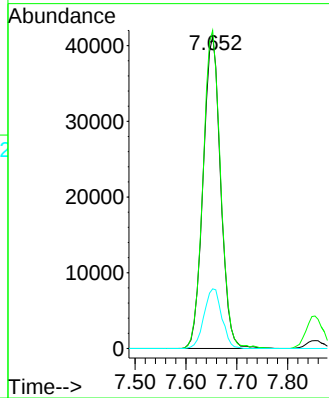
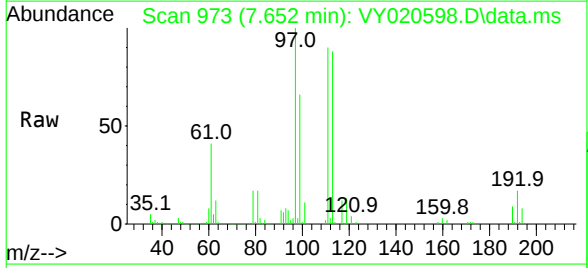




#35
Dibromofluoromethane
Concen: 50.474 ug/l
RT: 7.652 min Scan# 97
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

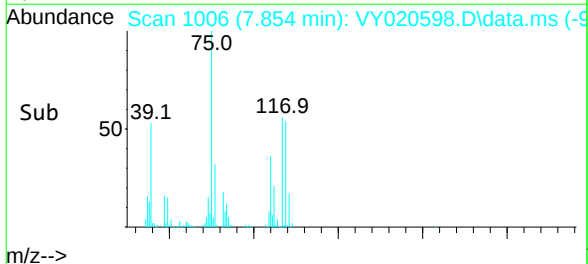
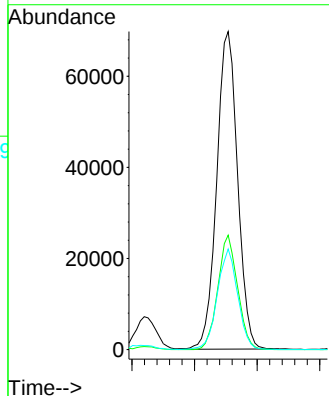
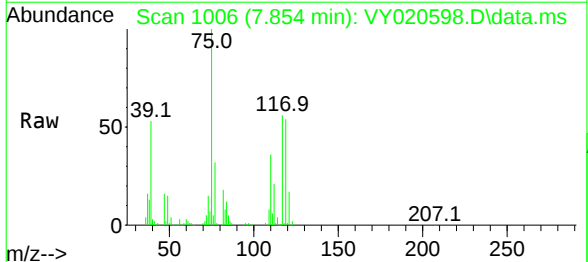
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

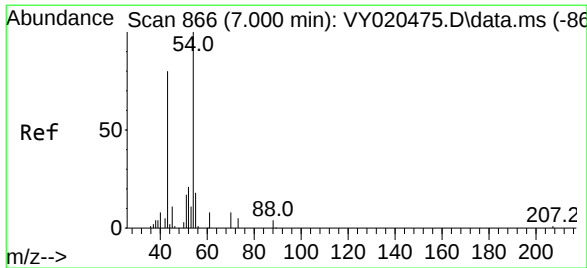
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.0
192	19.4	15.1	22.7



#36
1,1-Dichloropropene
Concen: 49.051 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.0
77	30.9	24.6	36.8

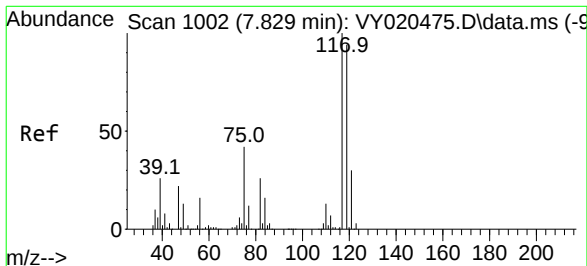
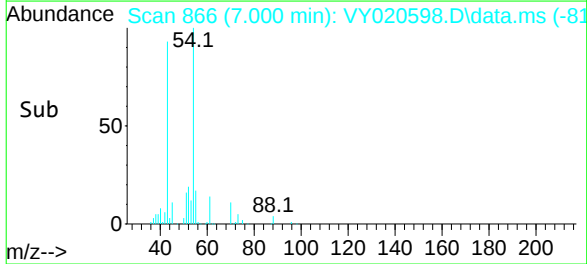
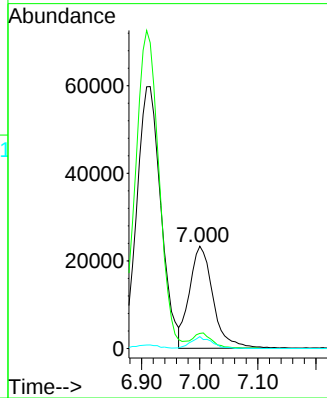
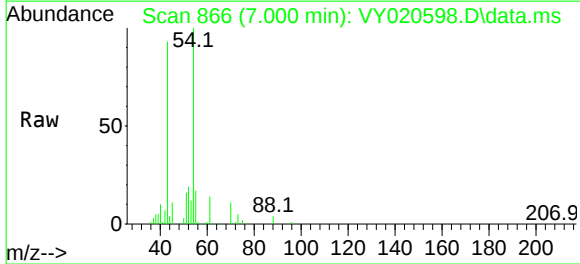




#37
Ethyl Acetate
Concen: 50.312 ug/l
RT: 7.000 min Scan# 866
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

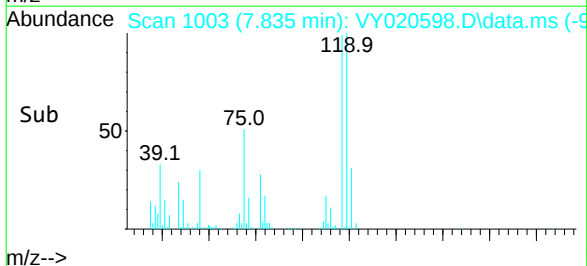
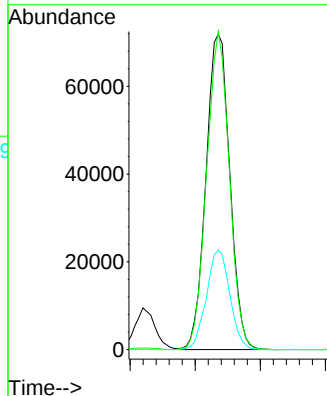
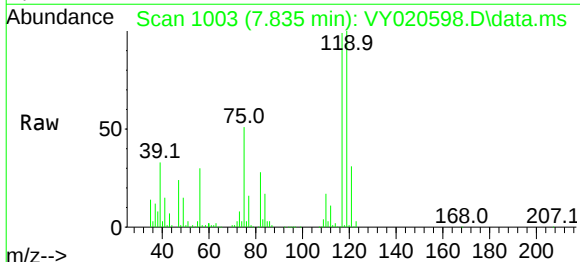
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

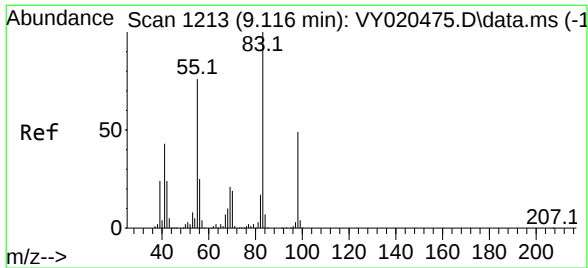
Tgt Ion: 43 Resp: 65554
Ion Ratio Lower Upper
43 100
61 12.5 10.7 16.1
70 10.1 7.3 10.9



#38
Carbon Tetrachloride
Concen: 46.582 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 117 Resp: 182845
Ion Ratio Lower Upper
117 100
119 100.9 77.8 116.6
121 31.5 24.6 37.0

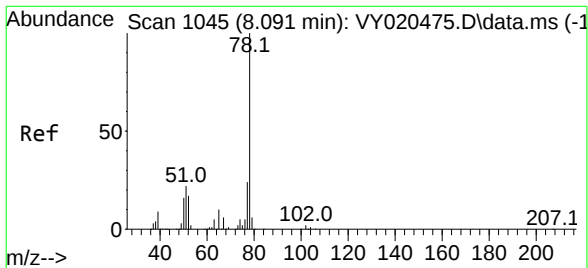
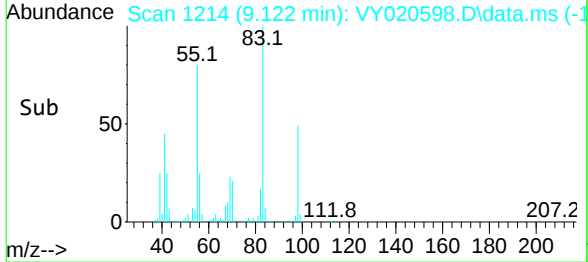
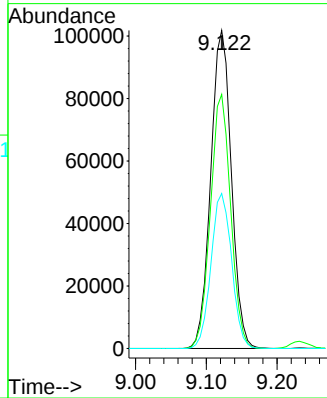
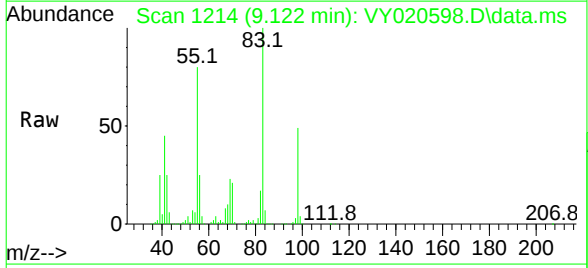




#39
Methylcyclohexane
Concen: 50.492 ug/l
RT: 9.122 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

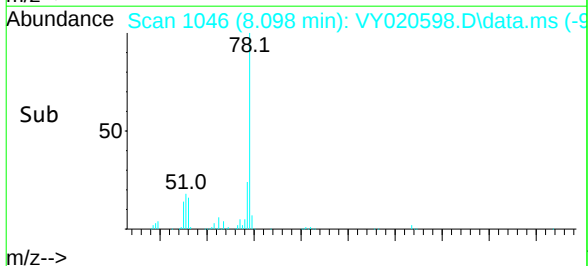
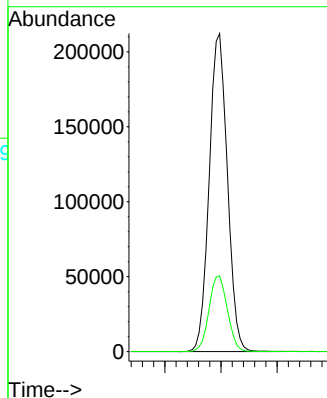
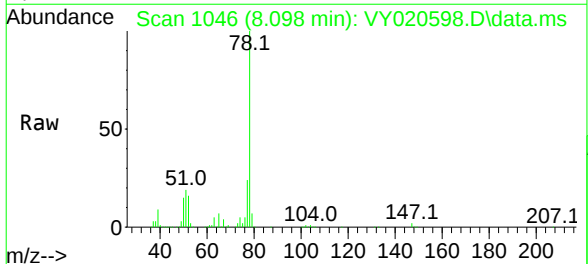
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

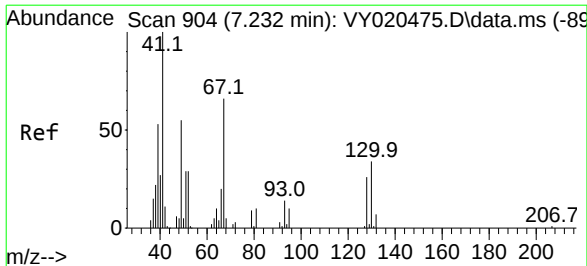
Tgt Ion: 83 Resp: 206064
Ion Ratio Lower Upper
83 100
55 79.9 62.6 93.8
98 48.7 37.0 55.4



#40
Benzene
Concen: 49.220 ug/l
RT: 8.098 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 78 Resp: 477273
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

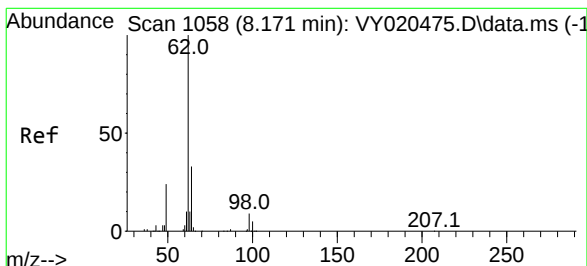
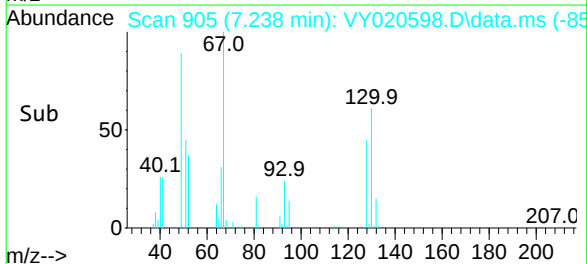
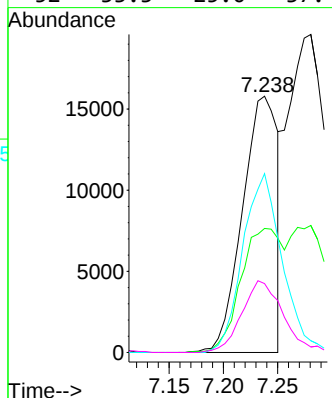
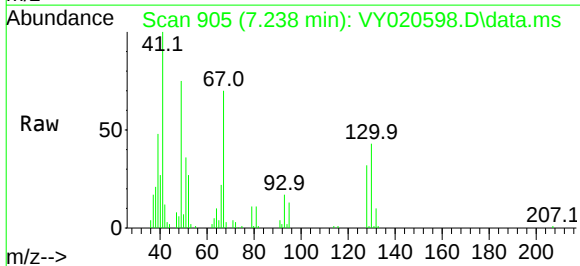




#41
Methacrylonitrile
Concen: 47.868 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

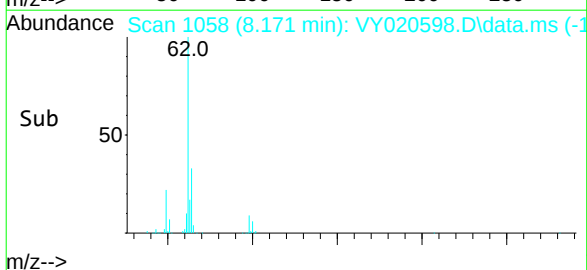
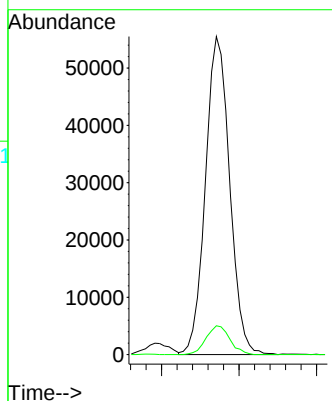
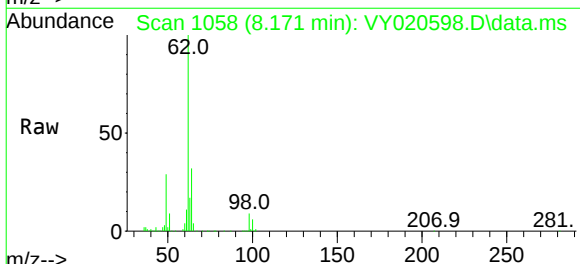
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

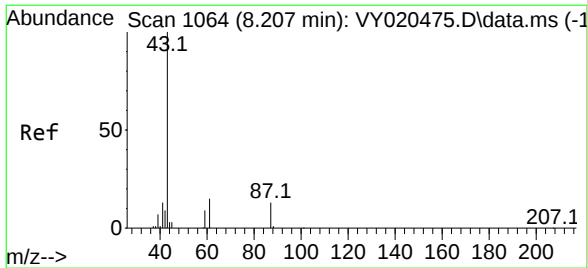
Tgt Ion:	41	Resp:	35456
Ion	Ratio	Lower	Upper
41	100		
39	58.2	49.0	73.4
67	79.2	57.1	85.7
52	33.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 47.363 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

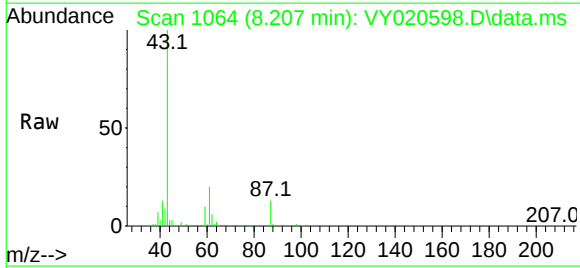
Tgt Ion:	62	Resp:	120678
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0



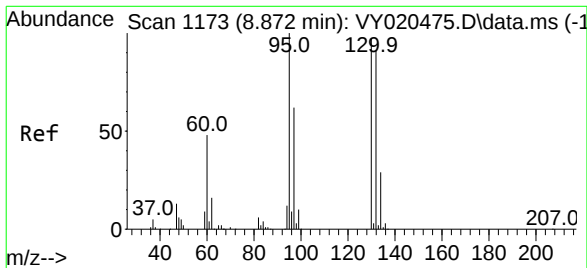
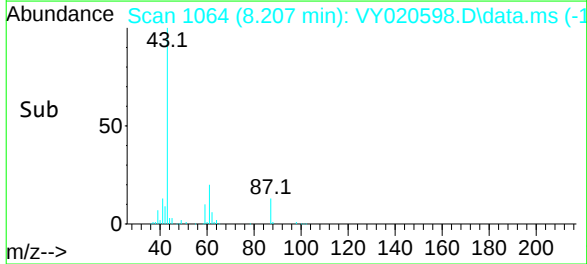
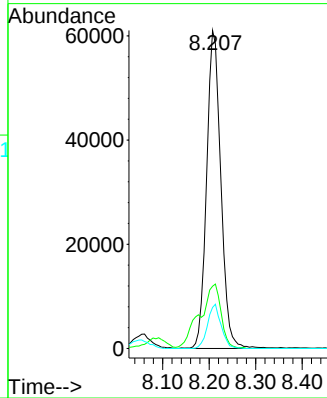


#43
Isopropyl Acetate
Concen: 49.298 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

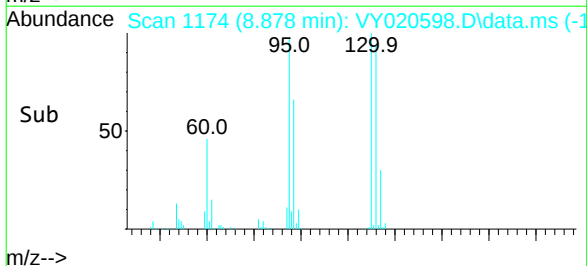
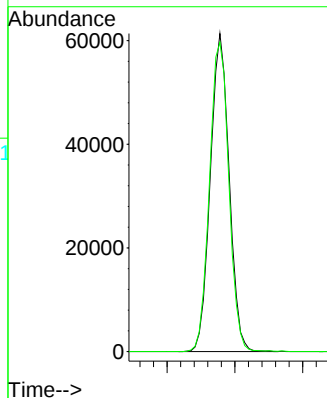
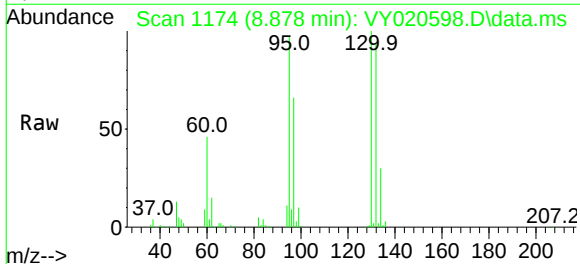


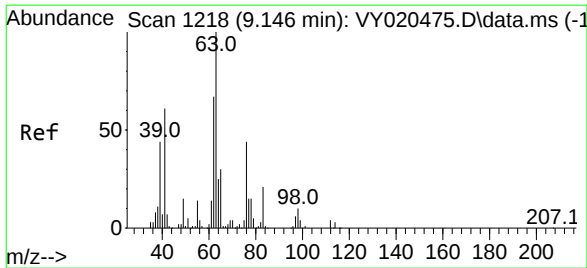
Tgt Ion: 43 Resp: 129706
Ion Ratio Lower Upper
43 100
61 30.5 22.8 34.2
87 13.2 9.6 14.4



#44
Trichloroethene
Concen: 49.444 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion:130 Resp: 118194
Ion Ratio Lower Upper
130 100
95 97.2 0.0 204.8

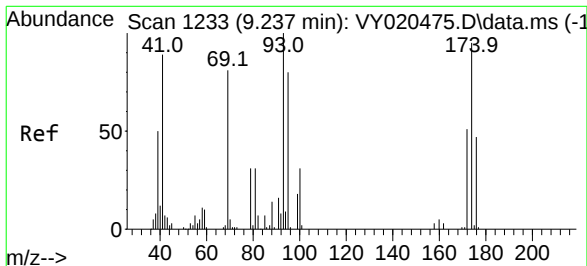
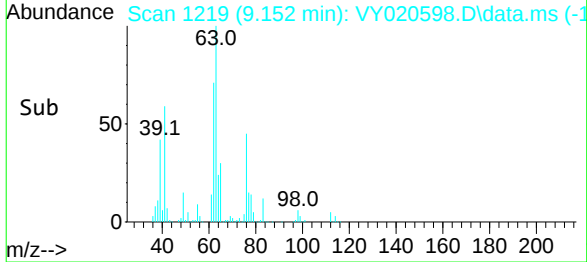
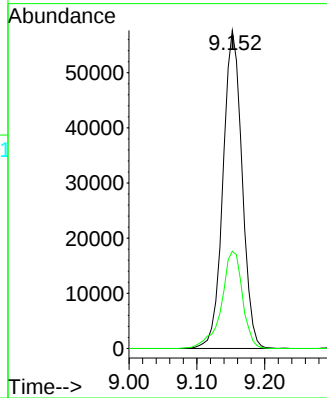
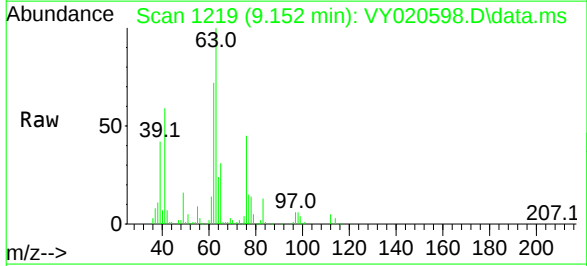




#45
1,2-Dichloropropane
Concen: 49.578 ug/l
RT: 9.152 min Scan# 1218
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

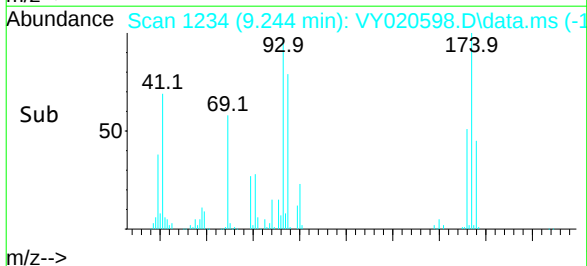
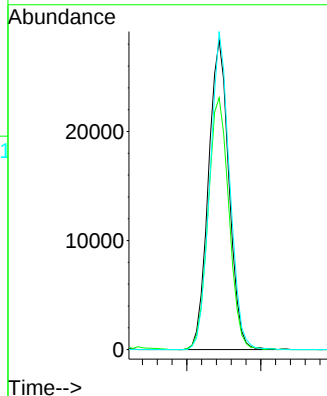
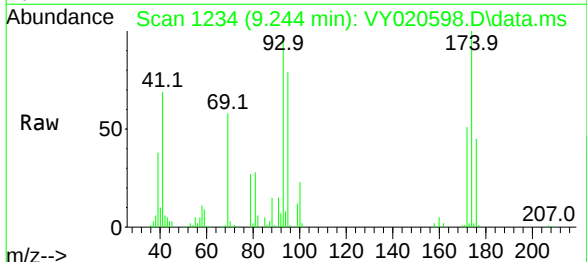
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

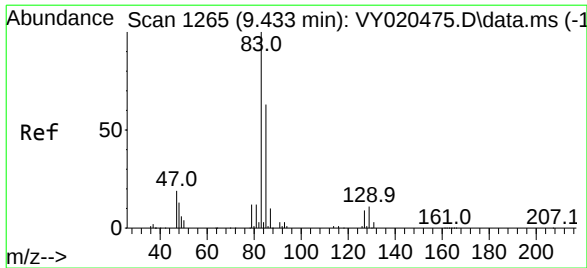
Tgt Ion: 63 Resp: 112498
Ion Ratio Lower Upper
63 100
65 30.6 24.2 36.4



#46
Dibromomethane
Concen: 48.604 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 93 Resp: 54606
Ion Ratio Lower Upper
93 100
95 82.4 65.3 97.9
174 98.3 74.4 111.6

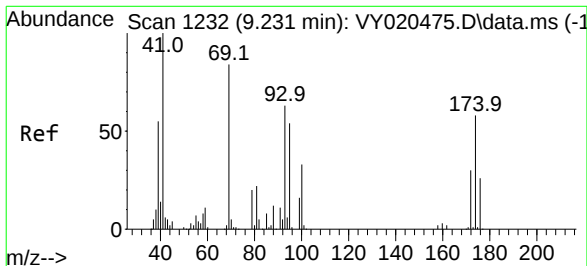
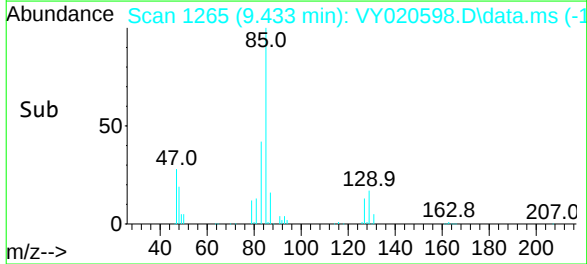
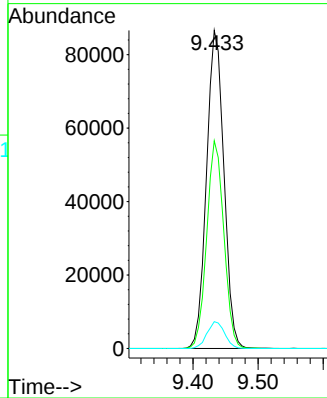
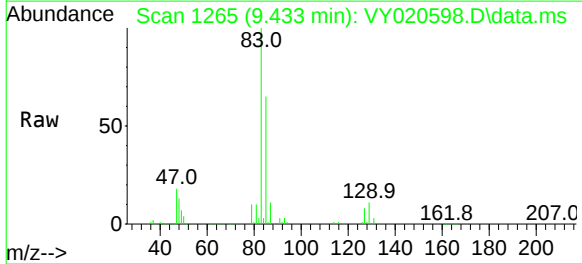




#47
Bromodichloromethane
Concen: 48.500 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

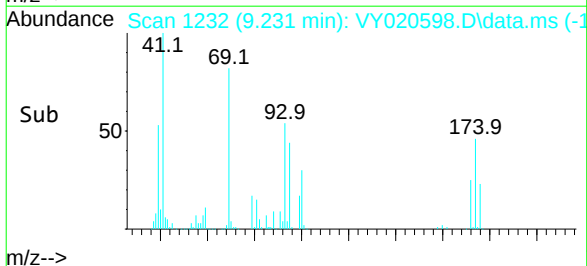
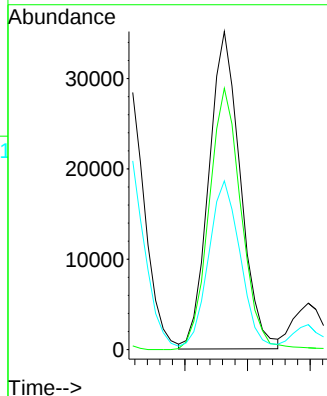
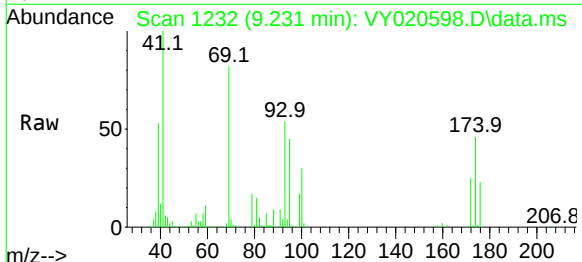
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

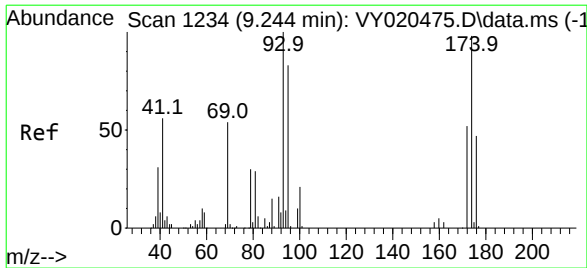
Tgt Ion: 83 Resp: 160540
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.2
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 50.200 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

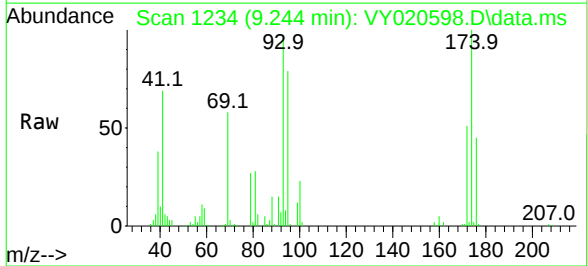
Tgt Ion: 41 Resp: 61590
Ion Ratio Lower Upper
41 100
69 84.4 66.1 99.1
39 51.8 46.0 69.0



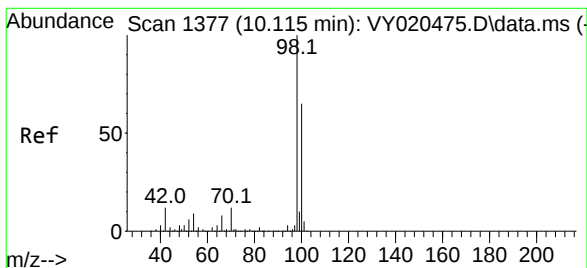
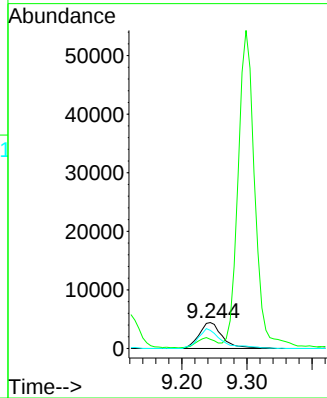
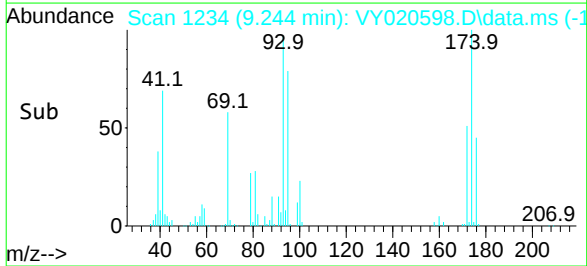


#49
1,4-Dioxane
Concen: 1023.000 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

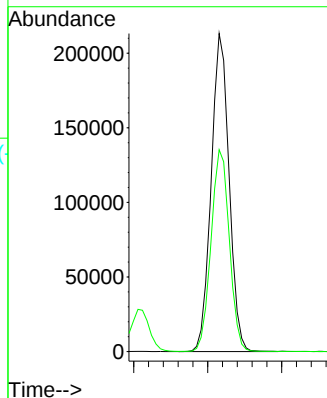
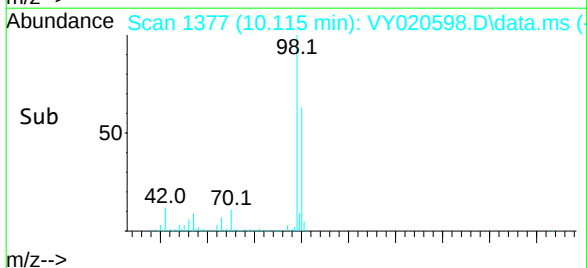
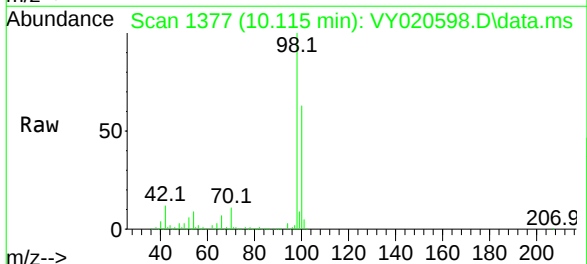


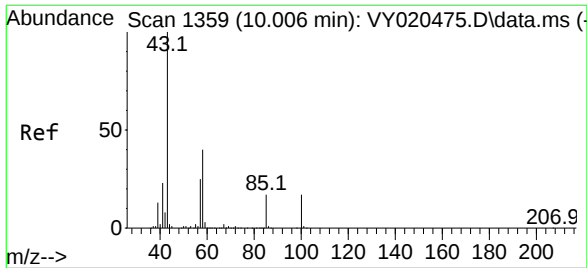
Tgt Ion: 88 Resp: 10986
Ion Ratio Lower Upper
88 100
43 31.9 24.6 37.0
58 76.4 59.6 89.4



#50
Toluene-d8
Concen: 48.269 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 98 Resp: 357962
Ion Ratio Lower Upper
98 100
100 65.0 51.3 76.9

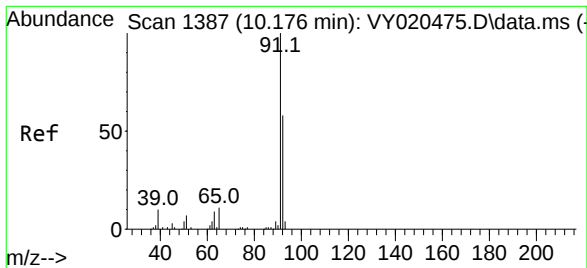
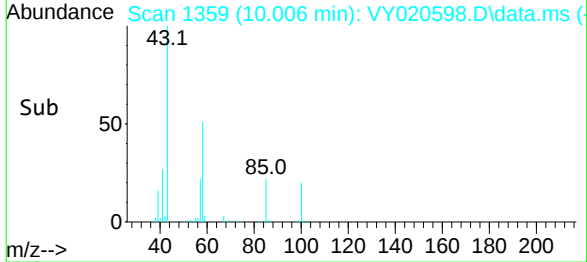
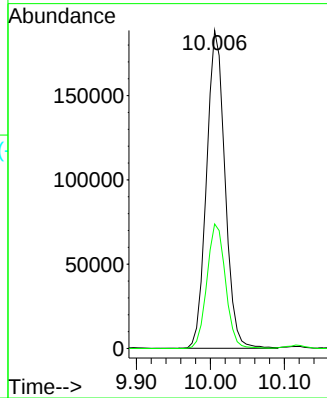
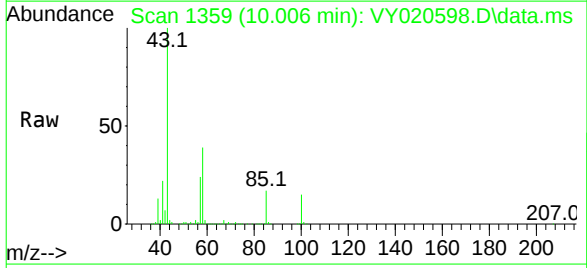




#51
4-Methyl-2-Pentanone
Concen: 250.775 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

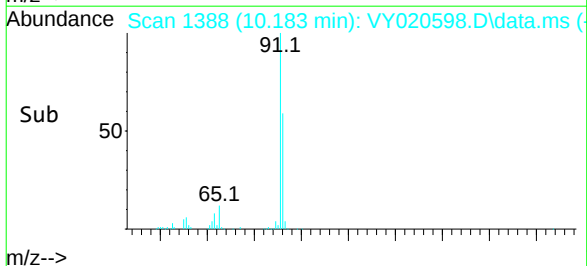
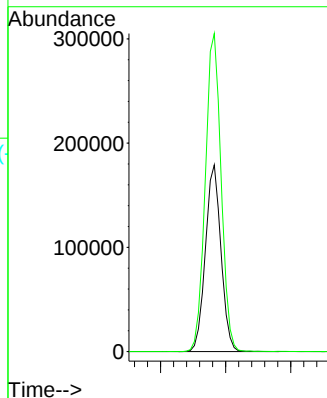
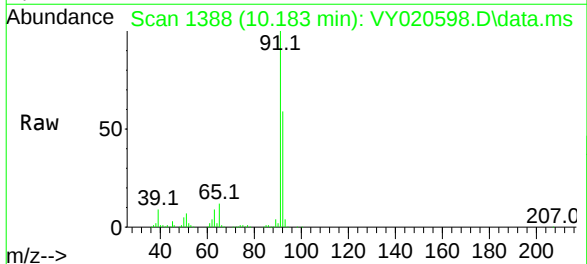
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

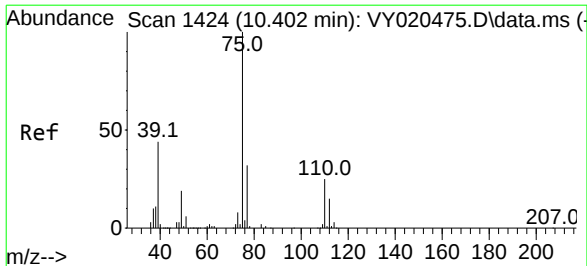
Tgt Ion: 43 Resp: 325841
Ion Ratio Lower Upper
43 100
58 39.5 30.9 46.3



#52
Toluene
Concen: 49.103 ug/l
RT: 10.183 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion: 92 Resp: 297070
Ion Ratio Lower Upper
92 100
91 173.0 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 48.558 ug/l

RT: 10.402 min Scan# 1424

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

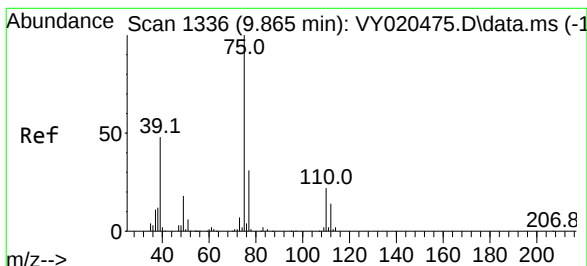
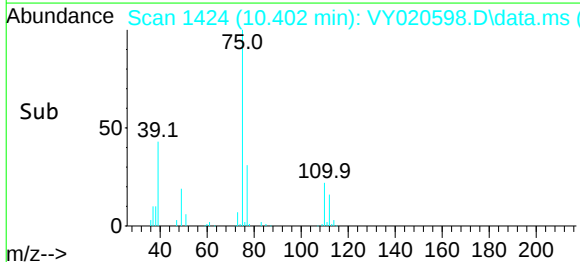
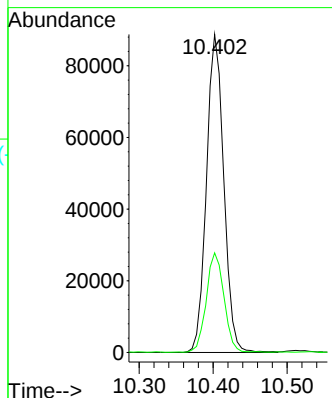
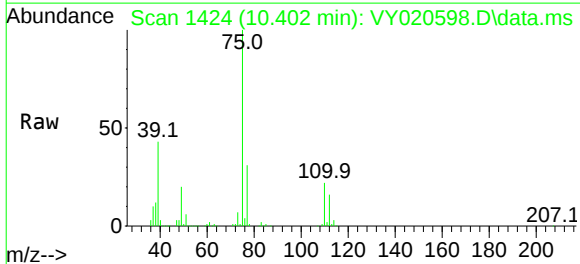
VSTDCCC050

Tgt Ion: 75 Resp: 144301

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 50.092 ug/l

RT: 9.866 min Scan# 1336

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

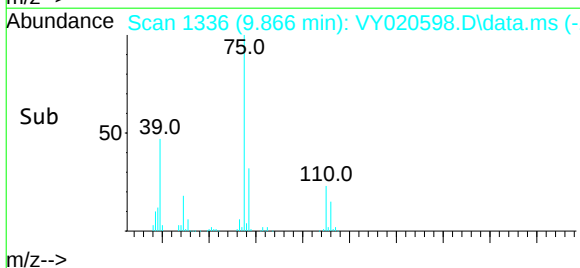
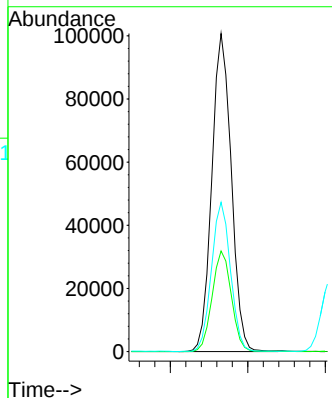
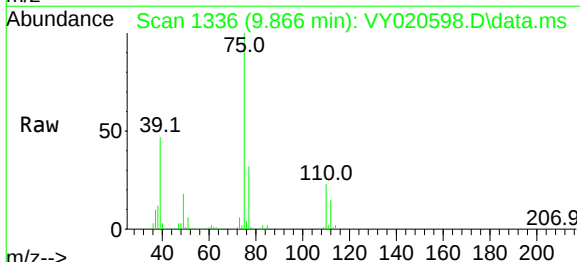
Tgt Ion: 75 Resp: 175928

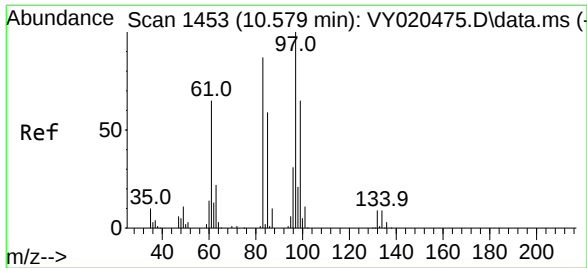
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 46.9 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 49.123 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 73621

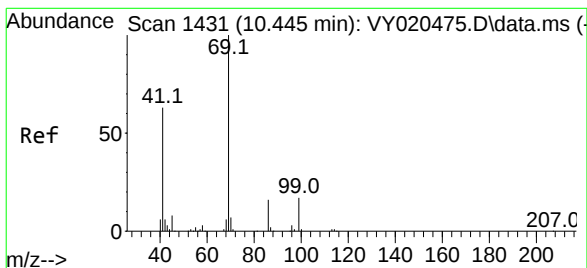
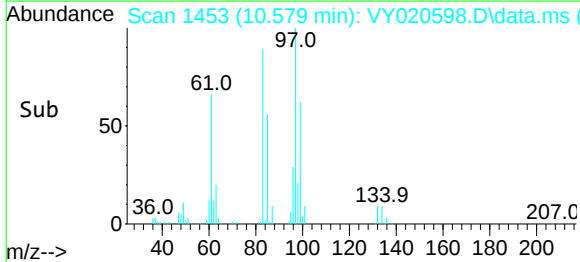
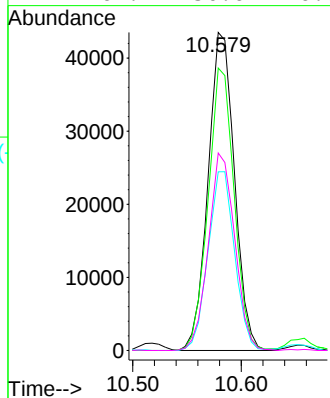
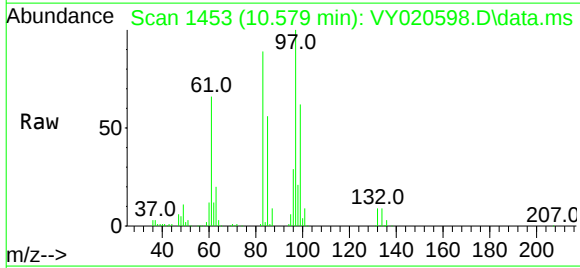
Ion Ratio Lower Upper

97 100

83 88.6 70.8 106.2

85 56.2 44.9 67.3

99 62.1 50.6 76.0



#56

Ethyl methacrylate

Concen: 49.063 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

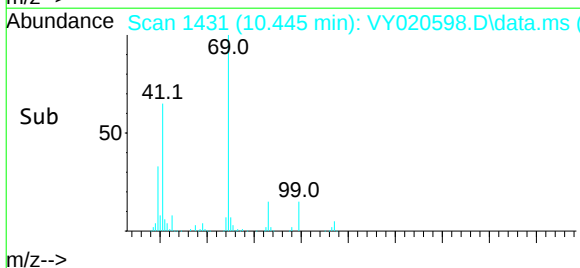
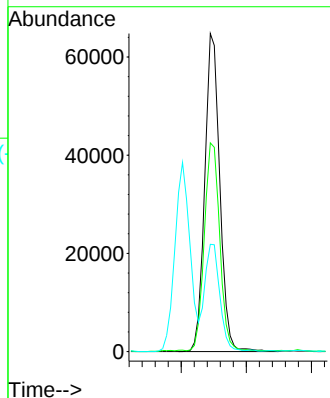
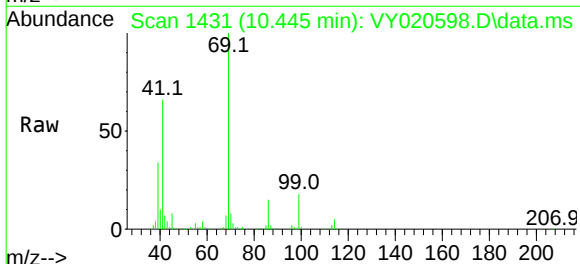
Tgt Ion: 69 Resp: 104042

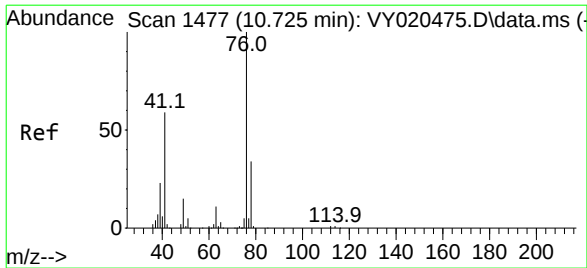
Ion Ratio Lower Upper

69 100

41 68.6 56.1 84.1

39 33.3 29.7 44.5





#57

1,3-Dichloropropane

Concen: 50.172 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

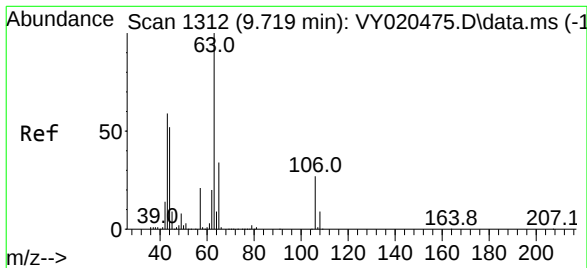
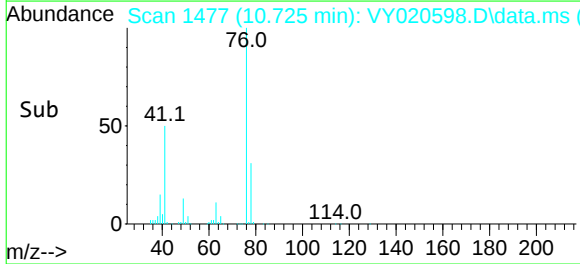
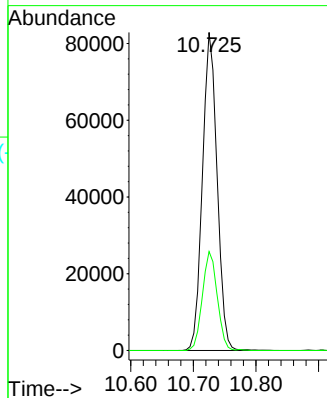
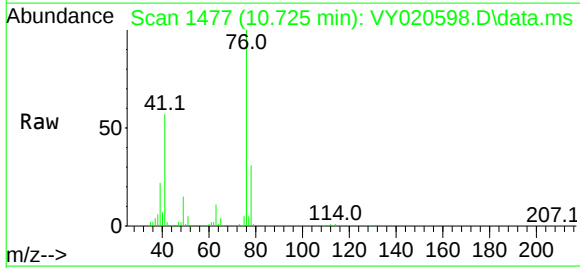
VSTDCCC050

Tgt Ion: 76 Resp: 134647

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 247.864 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020598.D

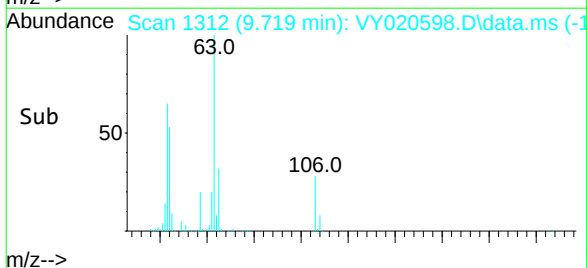
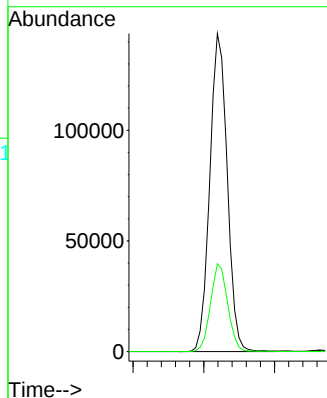
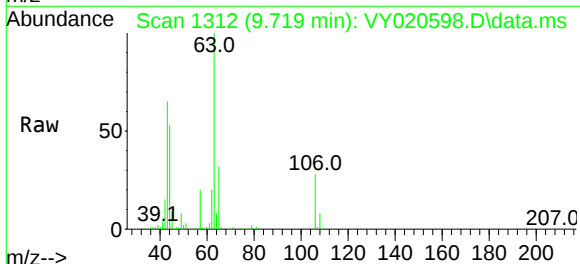
Acq: 13 Dec 2024 09:36

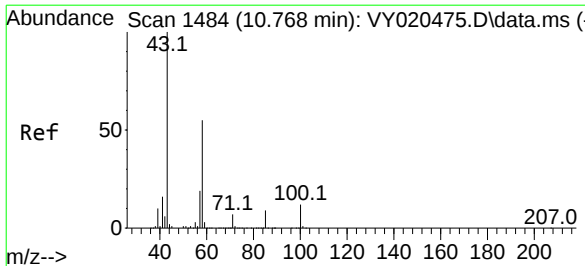
Tgt Ion: 63 Resp: 246096

Ion Ratio Lower Upper

63 100

106 27.1 21.0 31.4





#59

2-Hexanone

Concen: 261.389 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

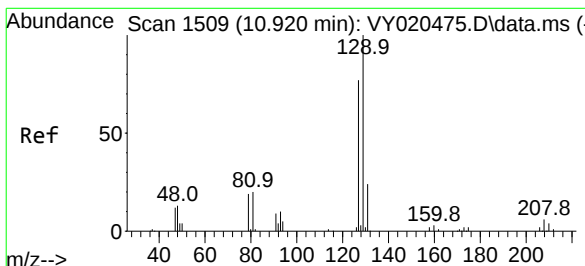
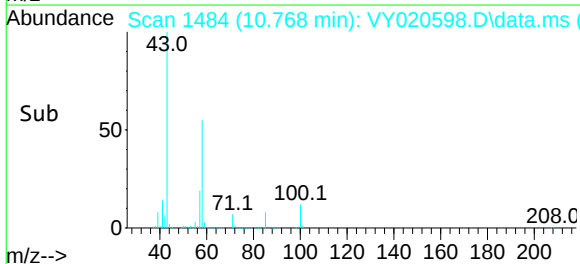
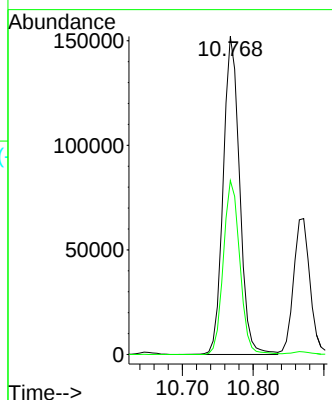
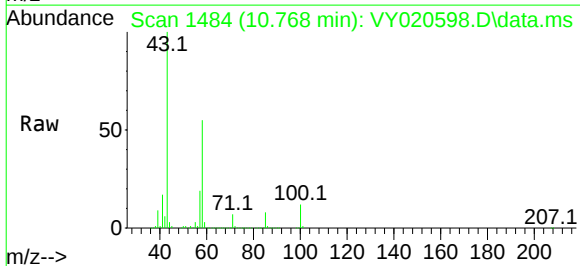
VSTDCCC050

Tgt Ion: 43 Resp: 245014

Ion Ratio Lower Upper

43 100

58 54.7 26.4 79.2



#60

Dibromochloromethane

Concen: 49.026 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VY020598.D

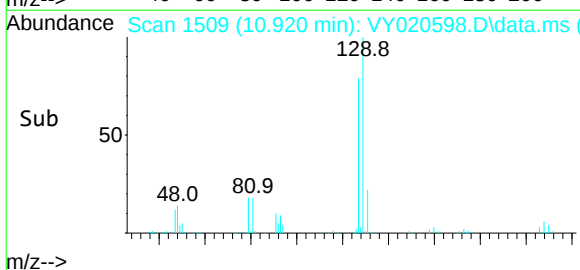
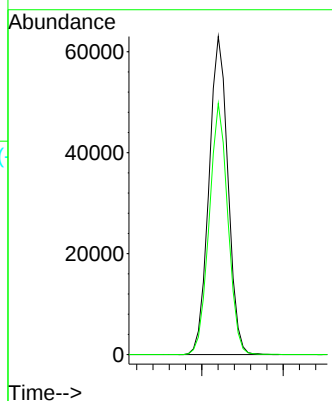
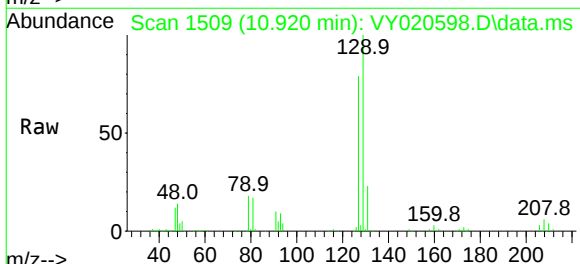
Acq: 13 Dec 2024 09:36

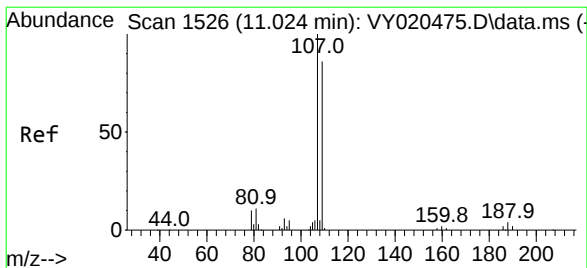
Tgt Ion: 129 Resp: 102296

Ion Ratio Lower Upper

129 100

127 77.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 48.175 ug/l

RT: 11.024 min Scan# 1526

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

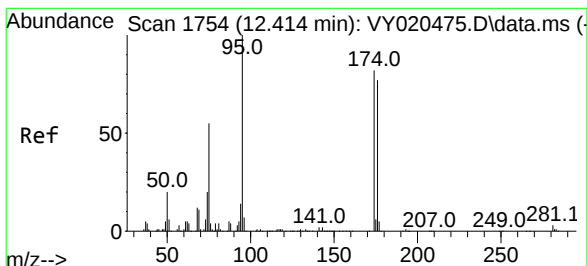
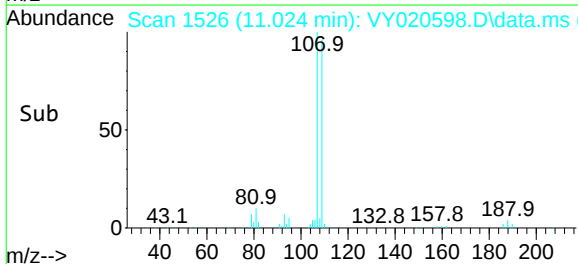
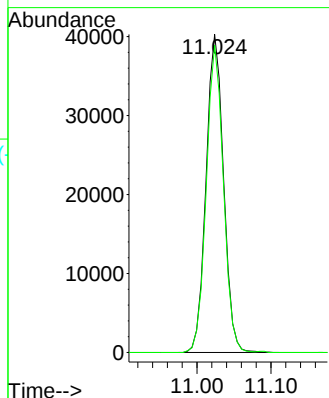
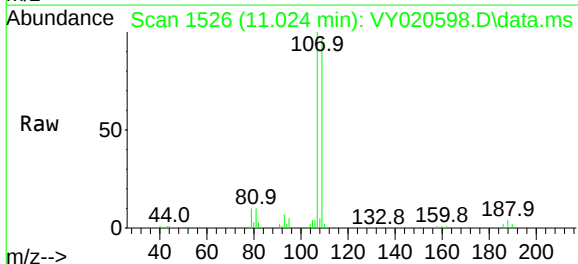
VSTDCCC050

Tgt Ion:107 Resp: 66026

Ion Ratio Lower Upper

107 100

109 94.8 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 47.305 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

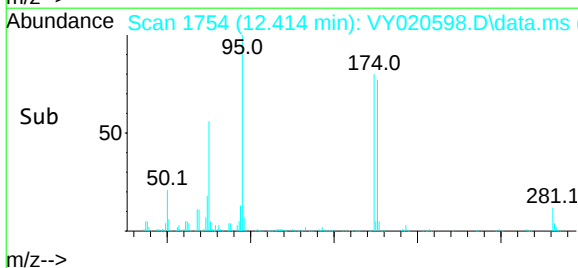
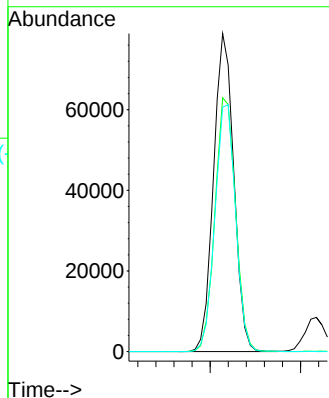
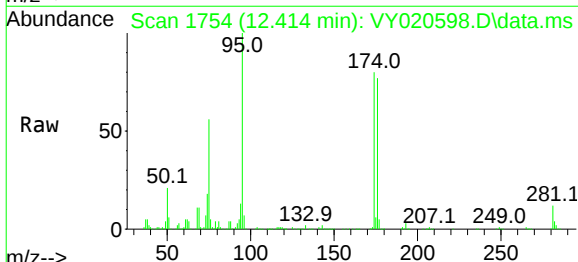
Tgt Ion: 95 Resp: 122695

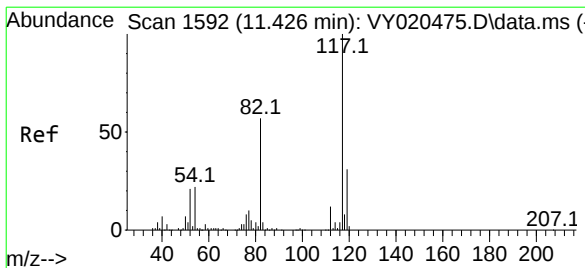
Ion Ratio Lower Upper

95 100

174 81.3 0.0 156.8

176 79.4 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

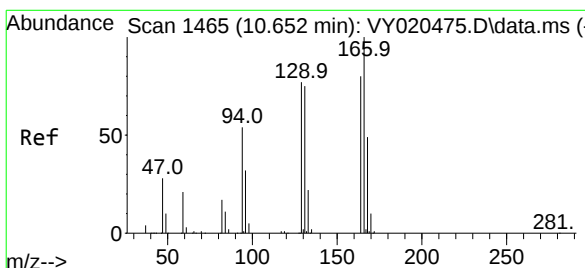
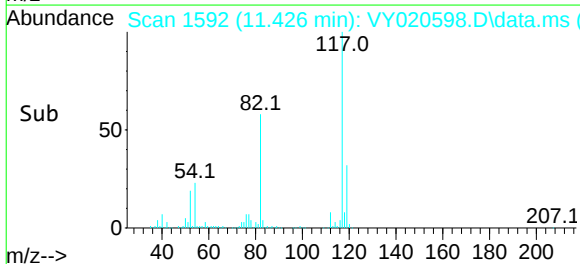
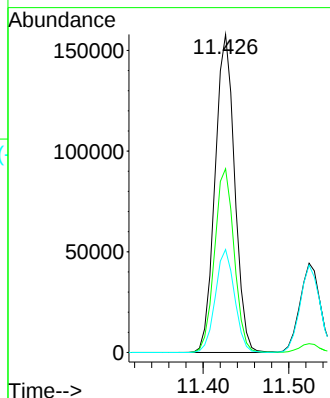
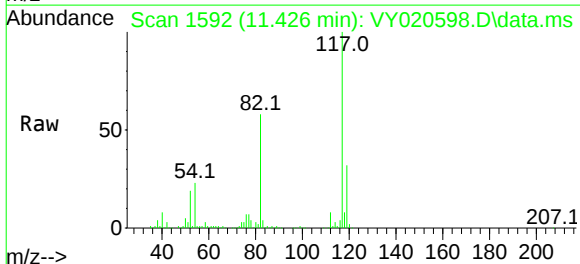
Tgt Ion:117 Resp: 250987

Ion Ratio Lower Upper

117 100

82 57.8 48.2 72.4

119 32.4 25.8 38.8



#64

Tetrachloroethene

Concen: 48.429 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Tgt Ion:164 Resp: 102706

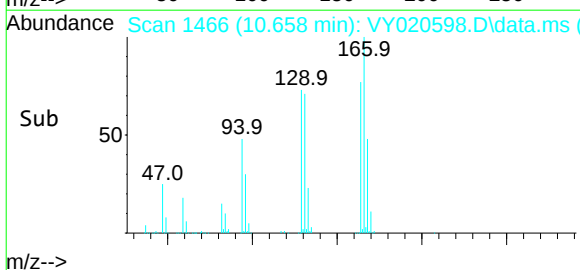
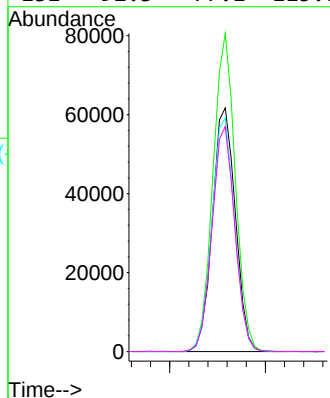
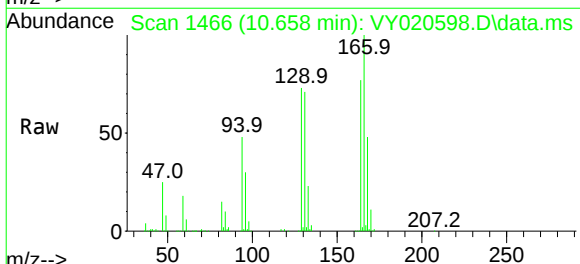
Ion Ratio Lower Upper

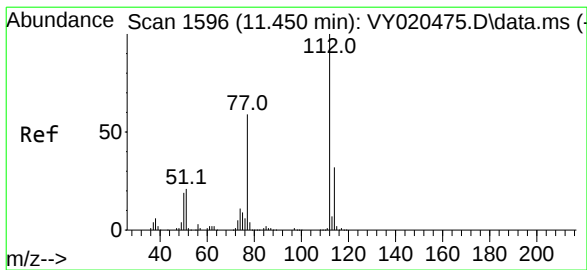
164 100

166 130.5 103.8 155.8

129 95.8 79.0 118.4

131 92.3 77.1 115.7





#65

Chlorobenzene

Concen: 49.342 ug/l

RT: 11.451 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

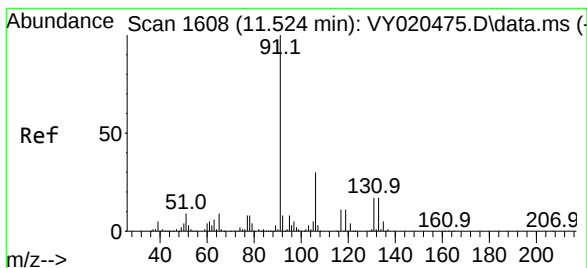
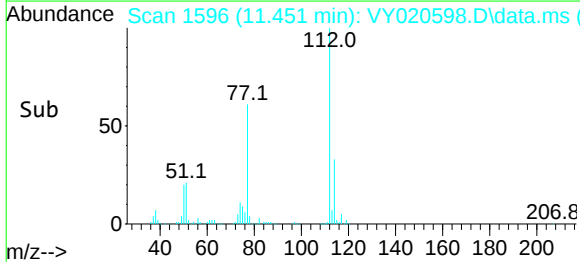
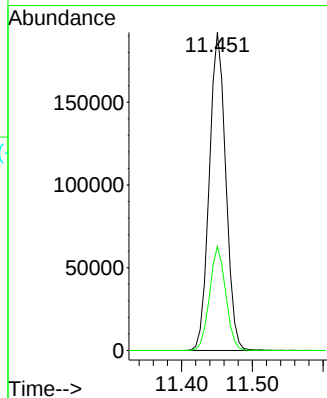
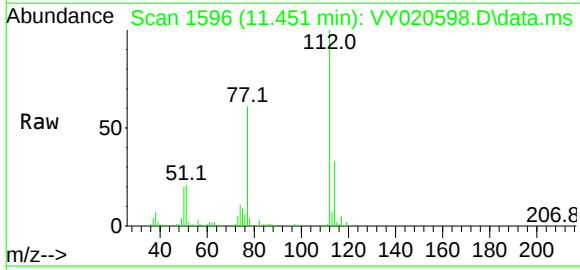
VSTDCCC050

Tgt Ion:112 Resp: 310418

Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.424 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

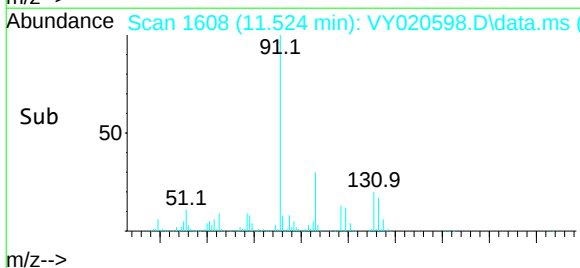
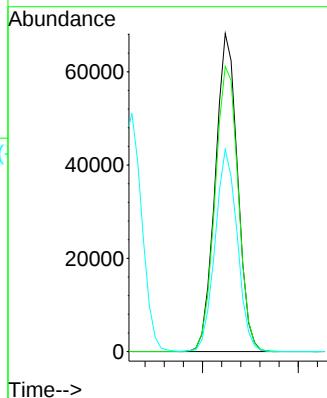
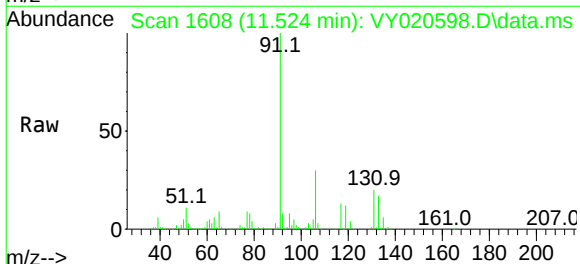
Tgt Ion:131 Resp: 110269

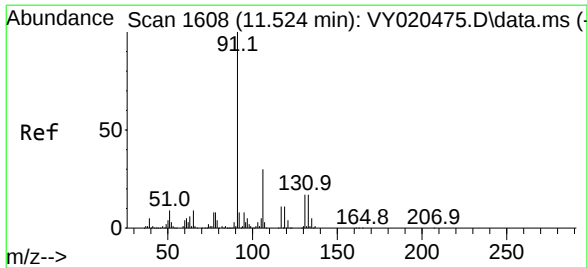
Ion Ratio Lower Upper

131 100

133 93.4 47.8 143.3

119 63.2 32.5 97.5

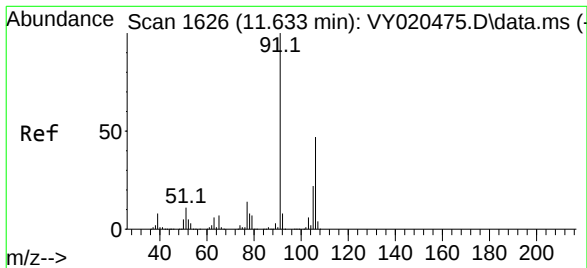
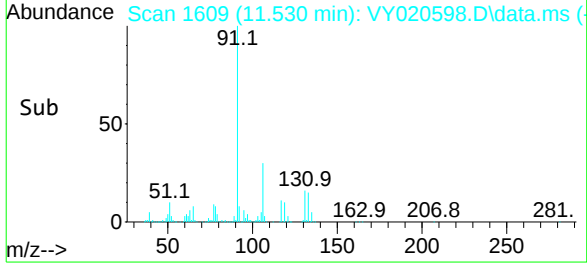
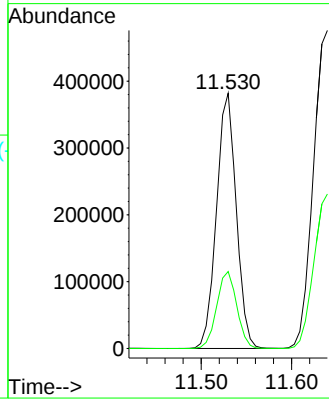
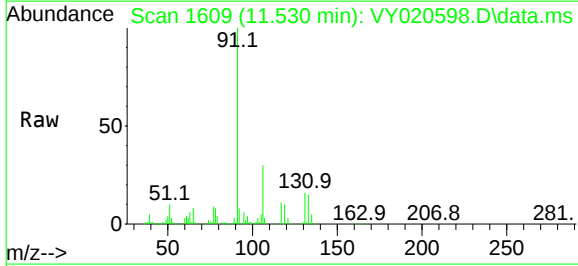




#67
Ethyl Benzene
Concen: 49.194 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

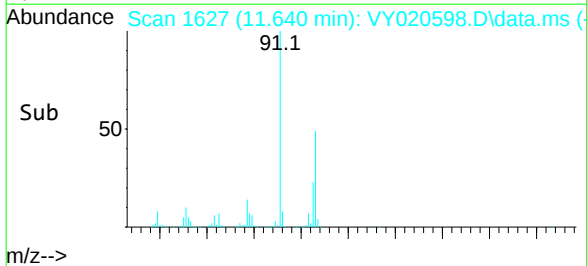
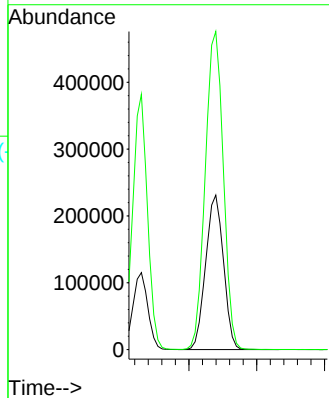
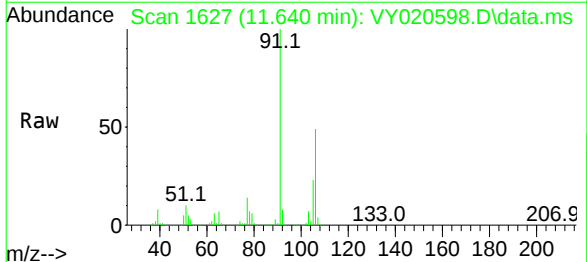
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

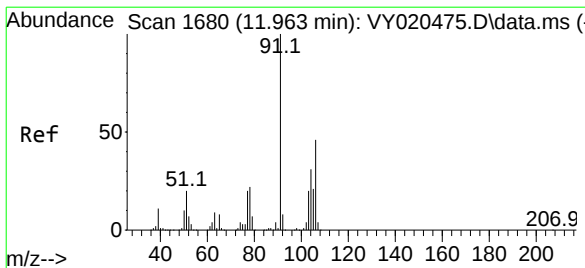
Tgt Ion: 91 Resp: 580105
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9



#68
m/p-Xylenes
Concen: 97.748 ug/l
RT: 11.640 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion:106 Resp: 422072
Ion Ratio Lower Upper
106 100
91 208.5 166.0 249.0





#69

o-Xylene

Concen: 49.268 ug/l

RT: 11.963 min Scan# 1680

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

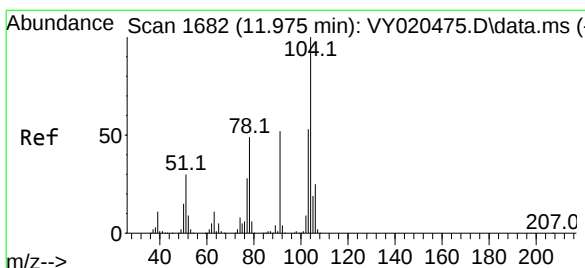
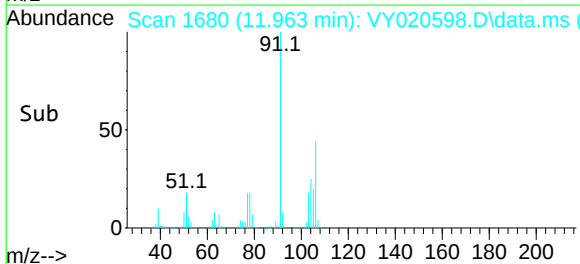
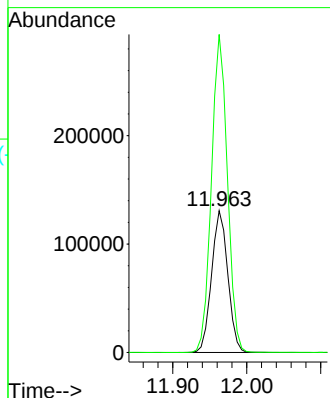
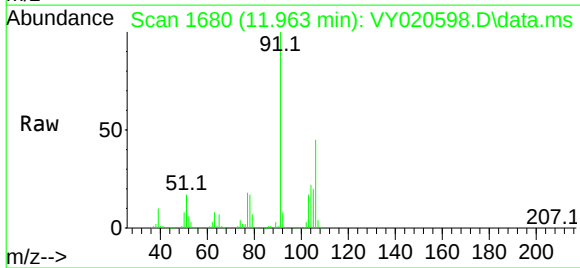
VSTDCCC050

Tgt Ion:106 Resp: 199300

Ion Ratio Lower Upper

106 100

91 220.6 110.0 330.0



#70

Styrene

Concen: 49.085 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

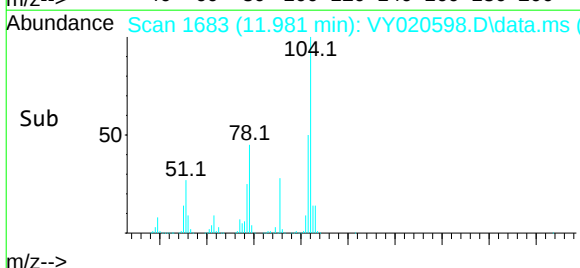
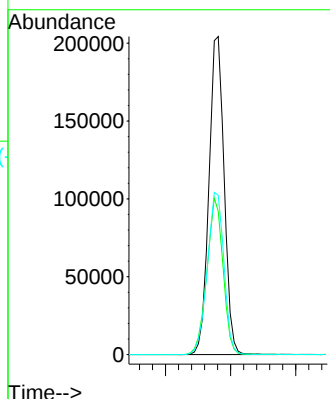
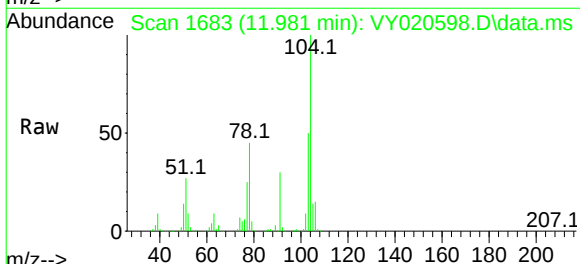
Tgt Ion:104 Resp: 331270

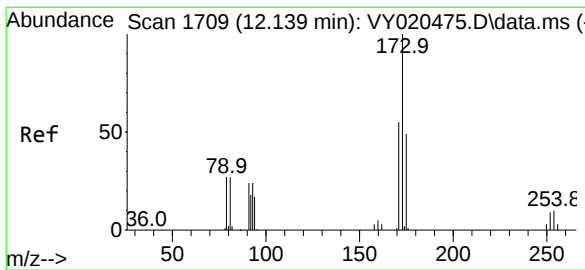
Ion Ratio Lower Upper

104 100

78 52.1 41.4 62.2

103 55.6 44.2 66.4





#71

Bromoform

Concen: 48.731 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

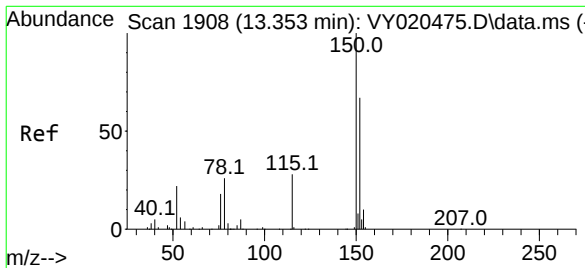
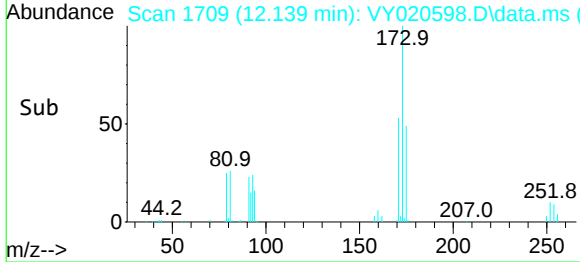
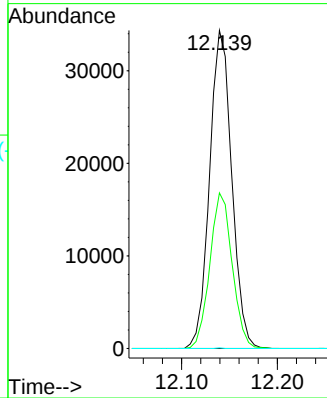
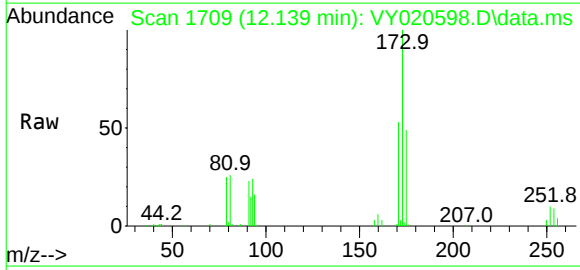
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	55278
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.3	73.0
254	0.0	0.1	0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

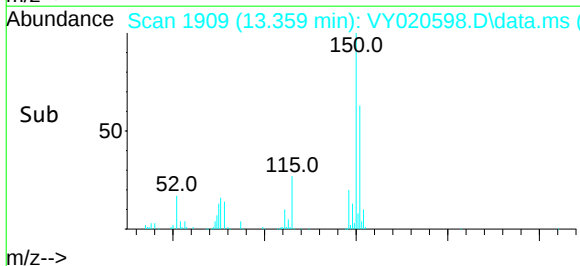
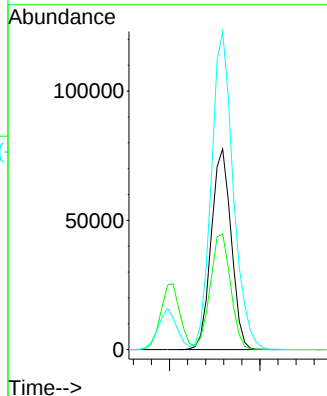
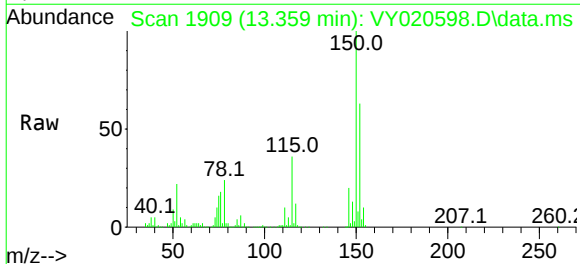
RT: 13.359 min Scan# 1909

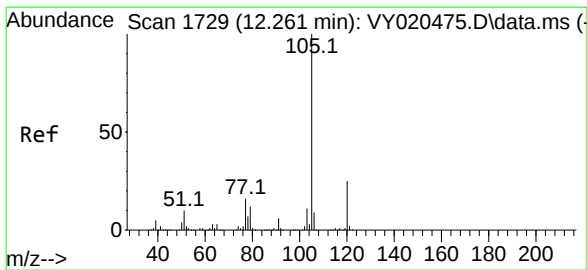
Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Tgt Ion:	152	Resp:	119135
Ion Ratio	Lower	Upper	
152	100		
115	58.7	30.0	90.0
150	173.7	0.0	348.2





#73

Isopropylbenzene

Concen: 47.724 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

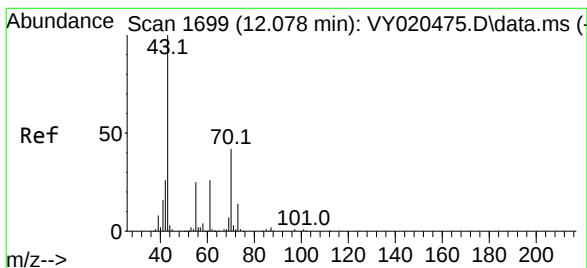
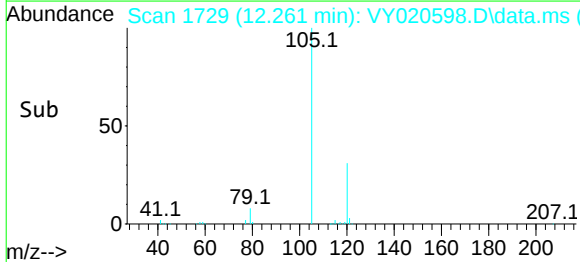
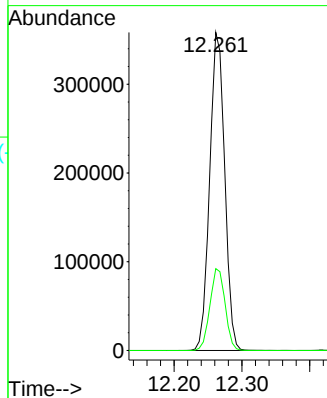
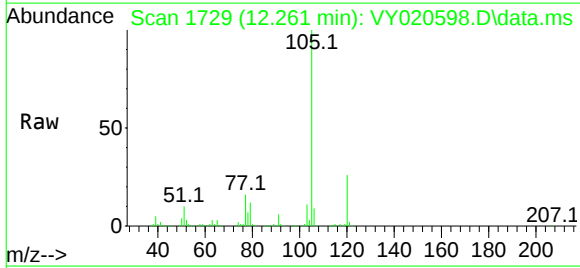
VSTDCCC050

Tgt Ion:105 Resp: 550106

Ion Ratio Lower Upper

105 100

120 26.0 12.7 38.1



#74

N-ethyl acetate

Concen: 48.375 ug/l

RT: 12.079 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Tgt Ion: 43 Resp: 109291

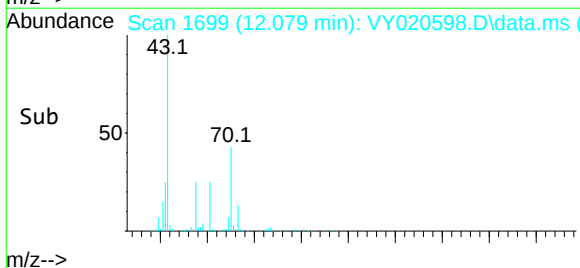
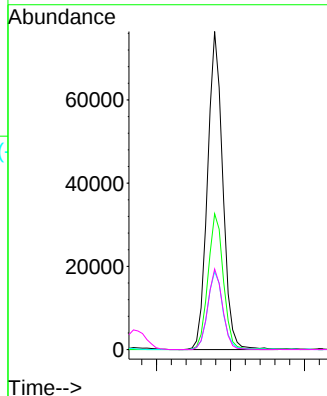
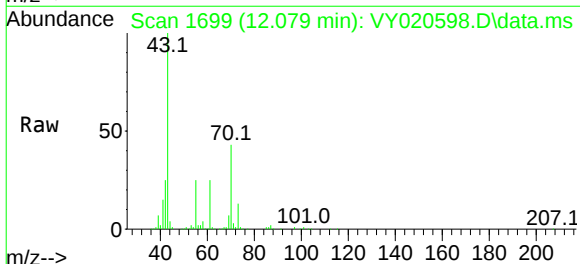
Ion Ratio Lower Upper

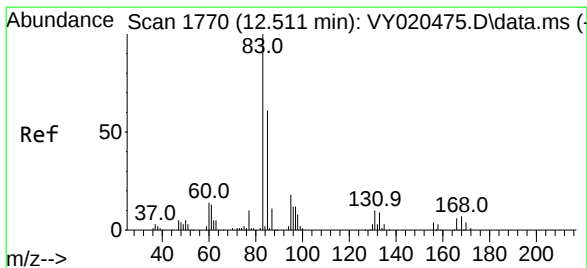
43 100

70 42.9 32.9 49.3

55 24.8 19.3 28.9

61 24.4 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.712 ug/l

RT: 12.517 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

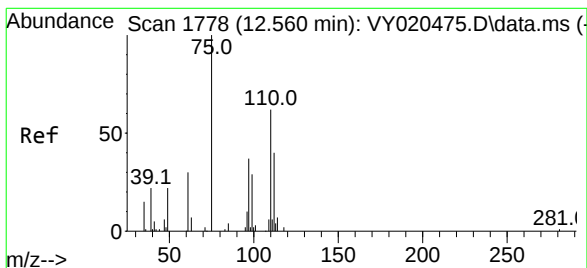
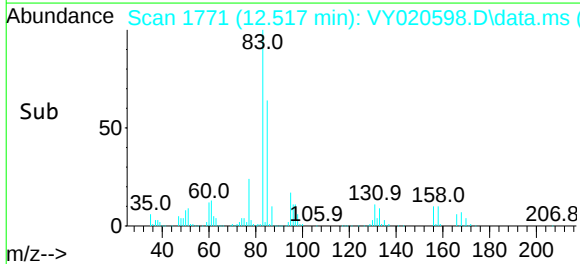
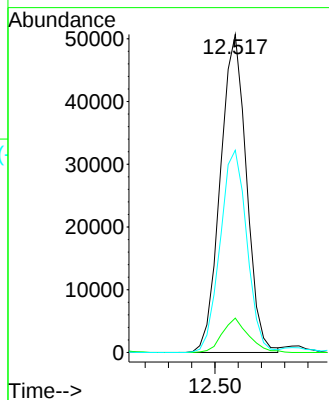
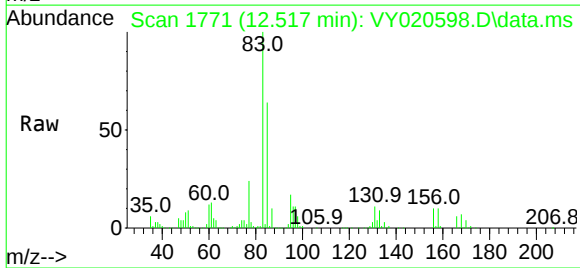
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	79091
Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.8	14.4
85	65.2	32.0	96.0



#76

1,2,3-Trichloropropane

Concen: 53.265 ug/l m

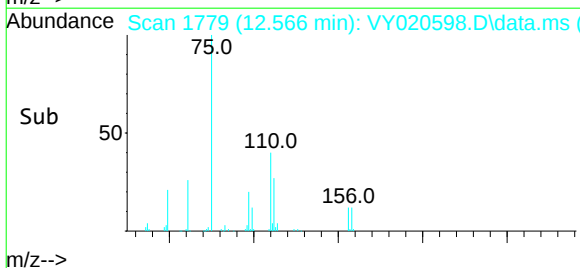
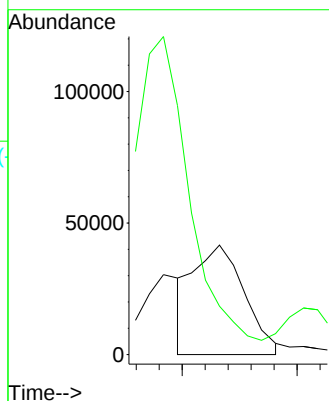
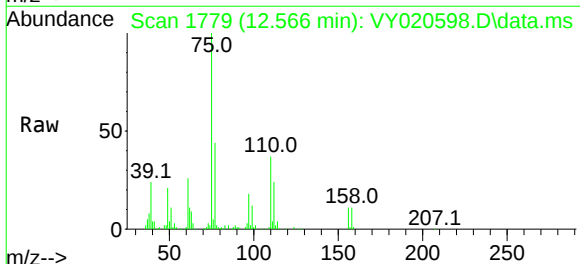
RT: 12.566 min Scan# 1779

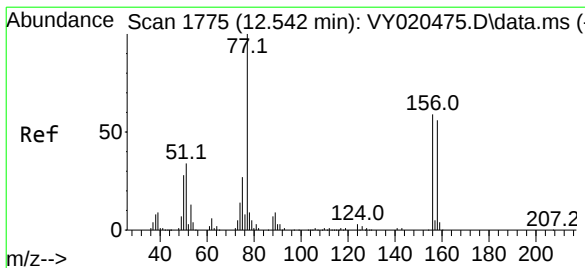
Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Tgt Ion:	75	Resp:	64643
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.961 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

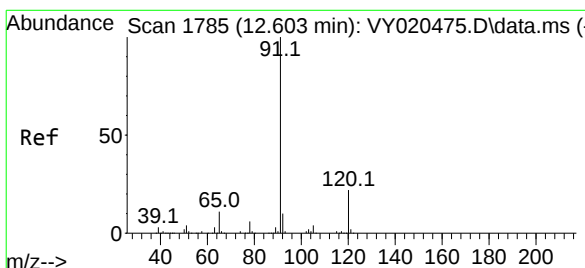
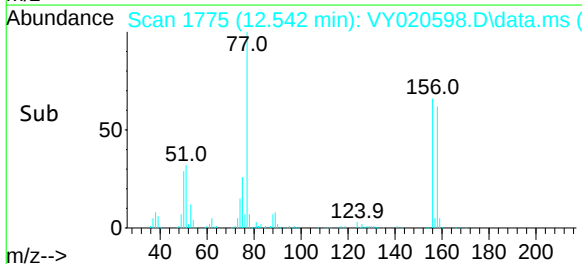
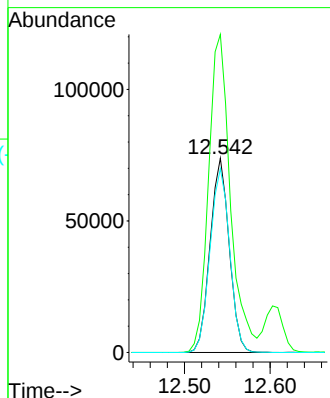
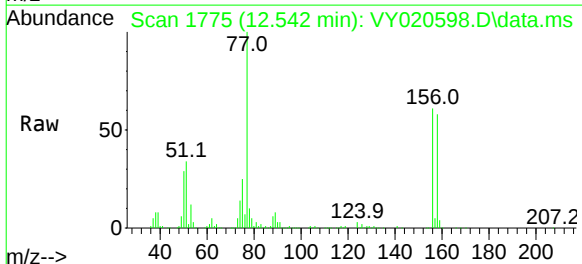
Tgt Ion:156 Resp: 114489

Ion Ratio Lower Upper

156 100

77 187.1 97.2 291.6

158 97.3 47.8 143.4



#78

n-propylbenzene

Concen: 48.496 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020598.D

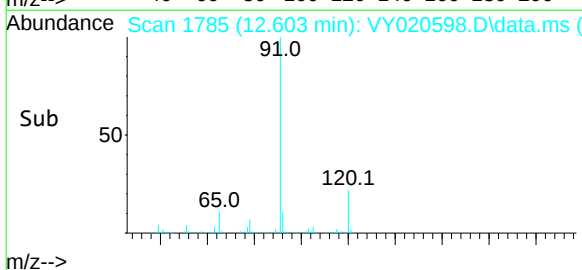
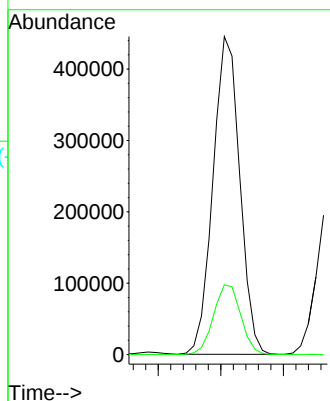
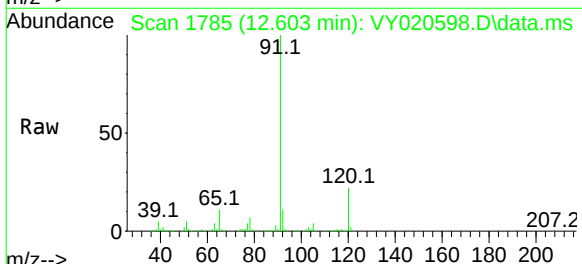
Acq: 13 Dec 2024 09:36

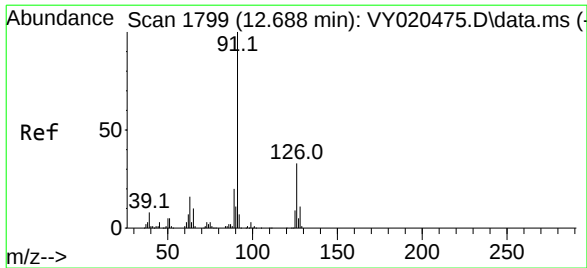
Tgt Ion: 91 Resp: 661858

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.6





#79

2-Chlorotoluene

Concen: 47.719 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

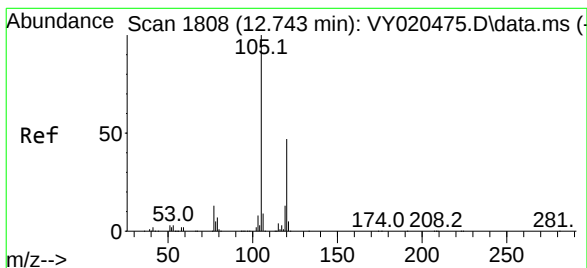
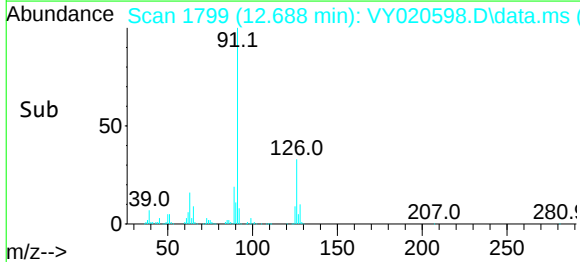
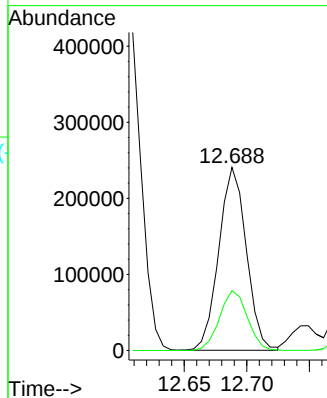
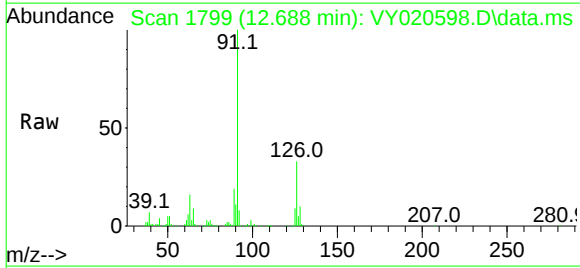
VSTDCCC050

Tgt Ion: 91 Resp: 367486

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 47.802 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020598.D

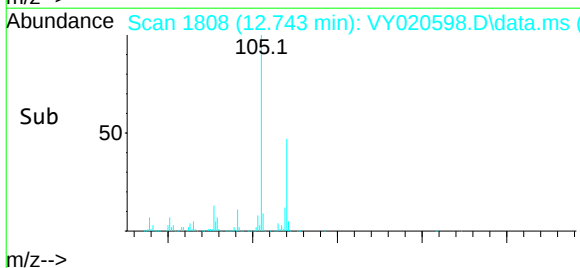
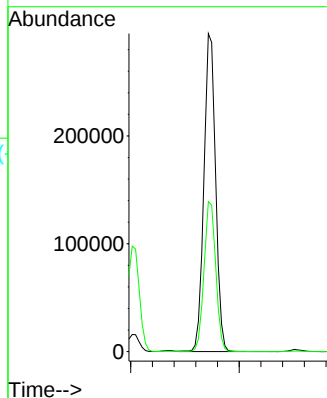
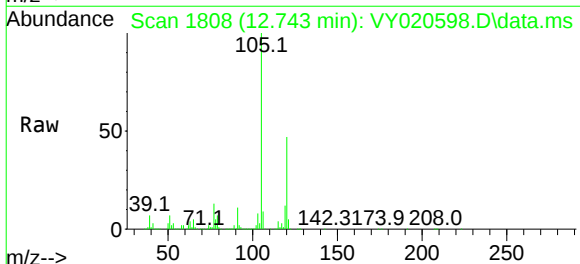
Acq: 13 Dec 2024 09:36

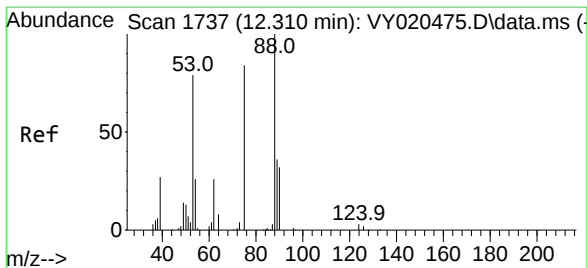
Tgt Ion:105 Resp: 441562

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.8

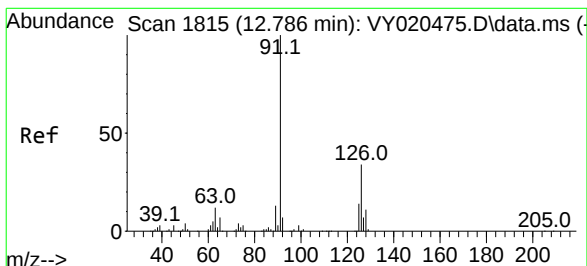
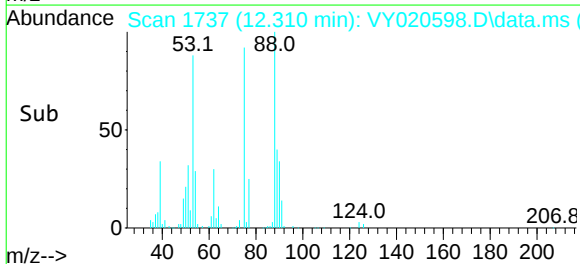
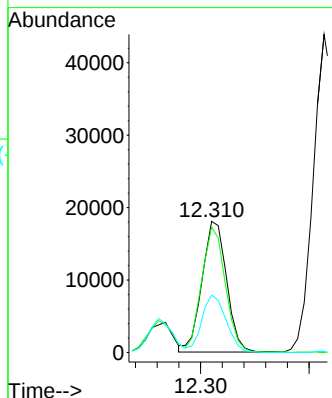
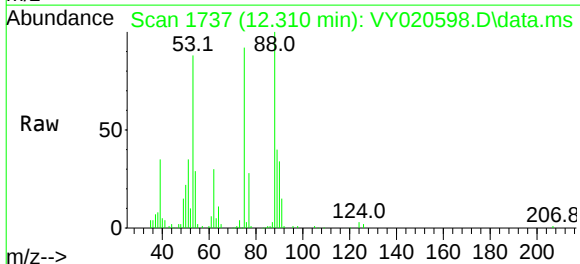




#81
trans-1,4-Dichloro-2-butene
Concen: 48.031 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

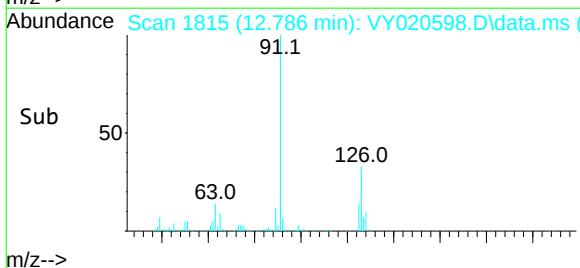
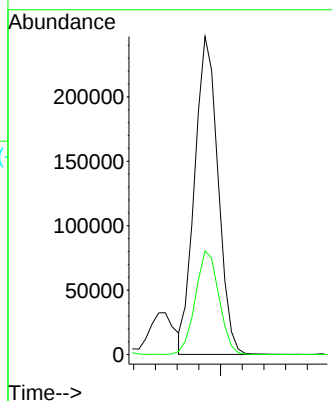
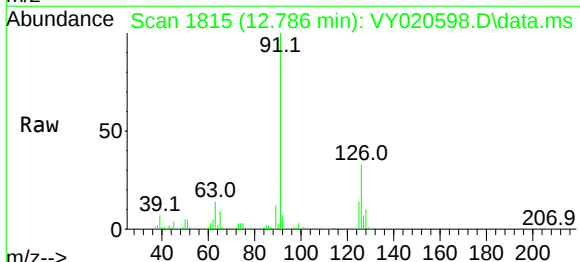
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

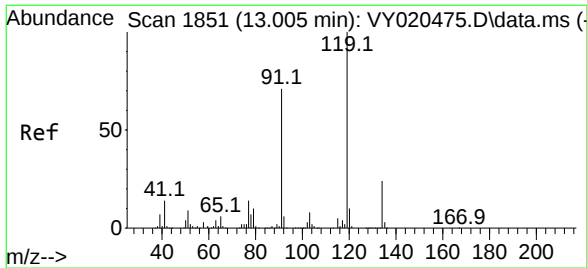
Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.0	81.1	121.7
89	43.6	35.1	52.7



#82
4-Chlorotoluene
Concen: 46.987 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.8

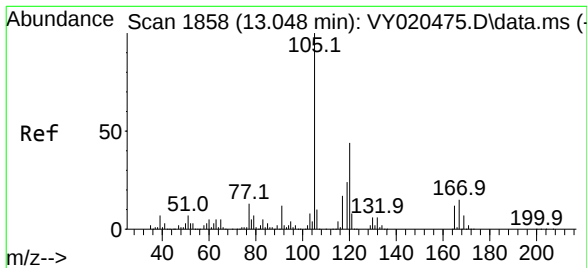
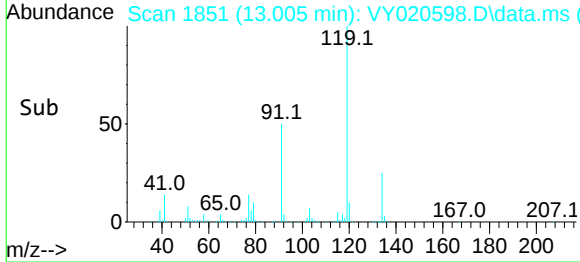
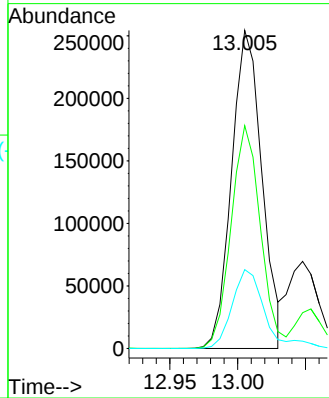
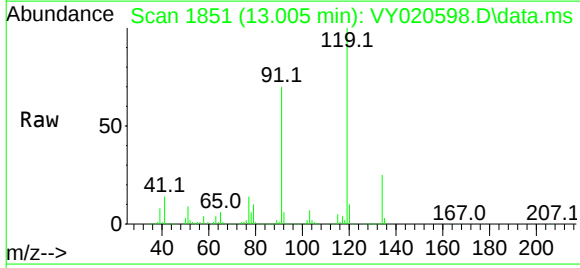




#83
tert-Butylbenzene
Concen: 47.365 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

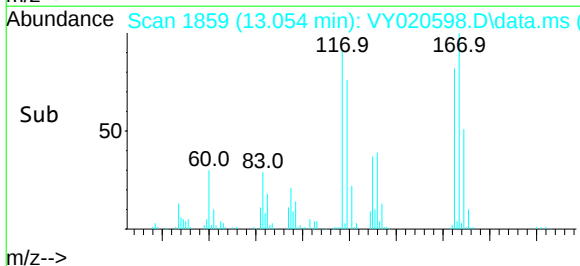
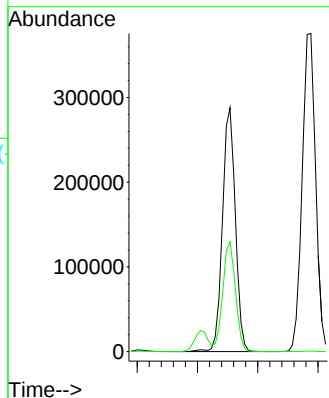
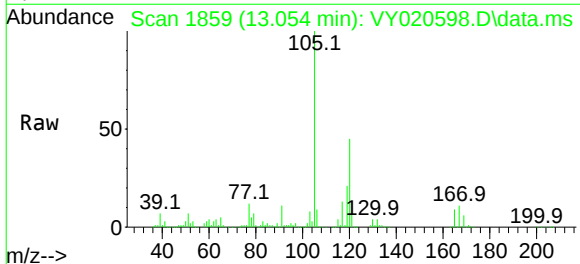
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

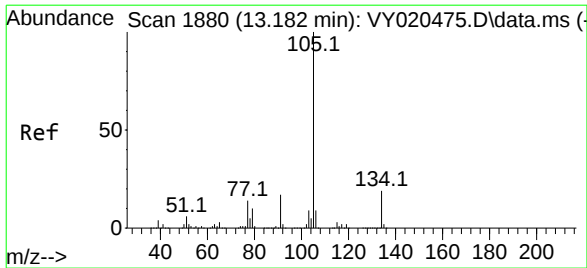
Tgt Ion:119 Resp: 395569
Ion Ratio Lower Upper
119 100
91 68.1 33.3 99.9
134 26.7 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 47.621 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY020598.D
Acq: 13 Dec 2024 09:36

Tgt Ion:105 Resp: 427558
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.564 ug/l

RT: 13.188 min Scan# 18

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

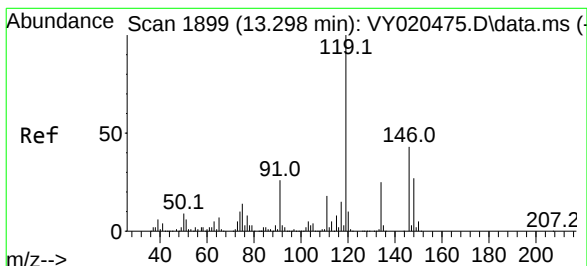
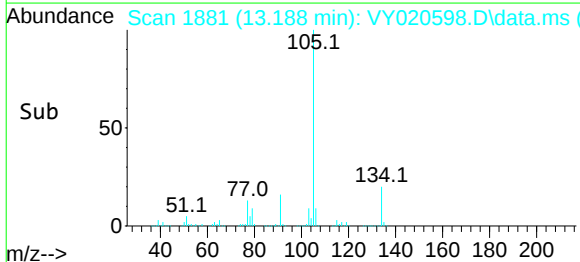
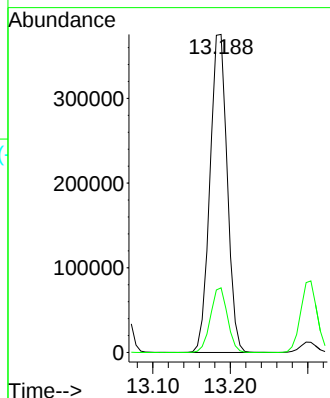
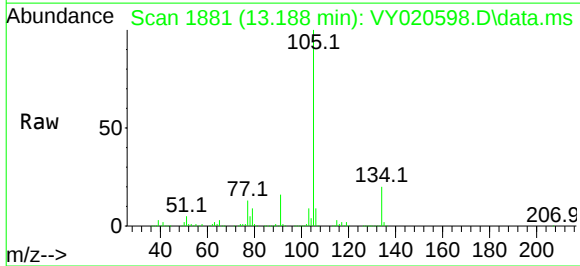
VSTDCCC050

Tgt Ion:105 Resp: 581251

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 48.942 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

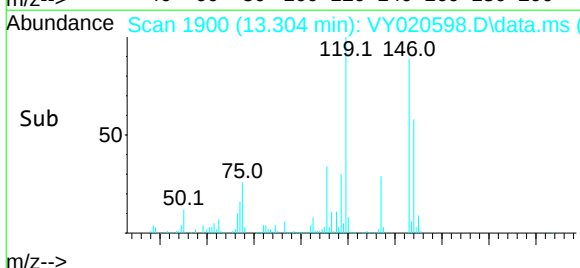
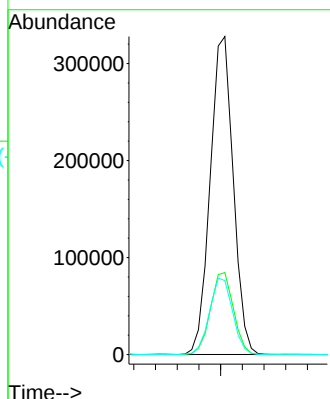
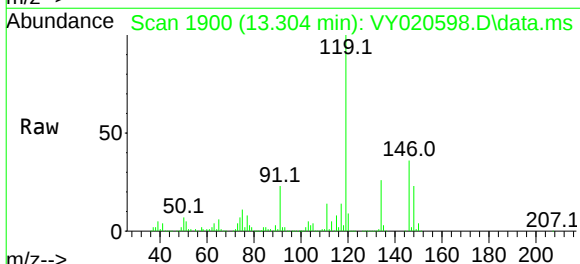
Tgt Ion:119 Resp: 484060

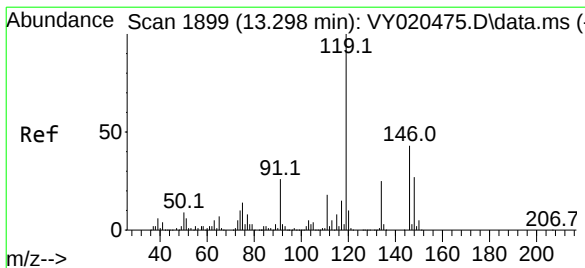
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 24.1 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 48.642 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

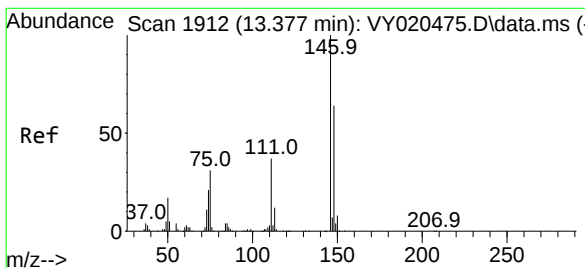
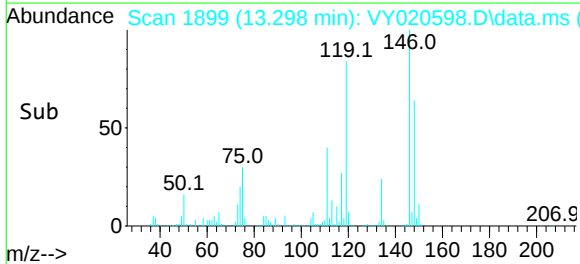
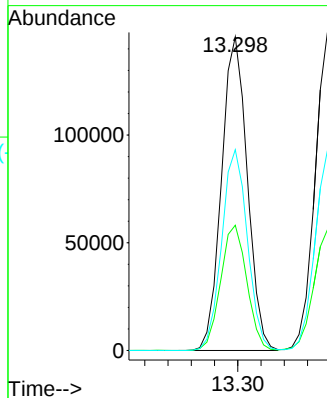
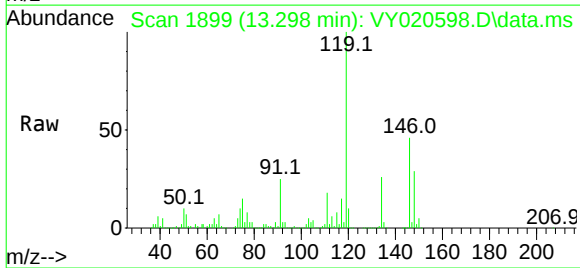
Tgt Ion:146 Resp: 223931

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.6

148 63.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 48.037 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

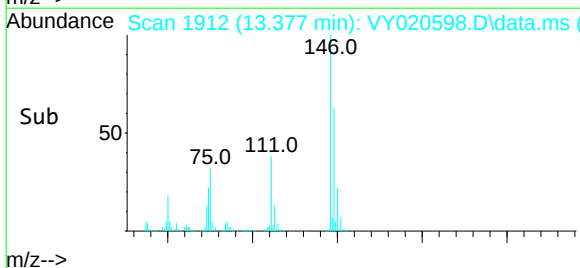
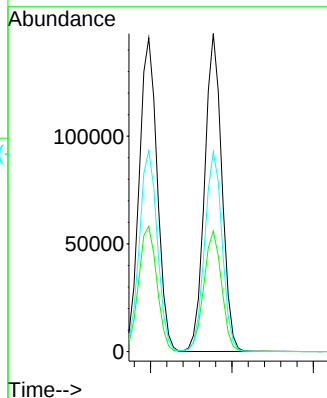
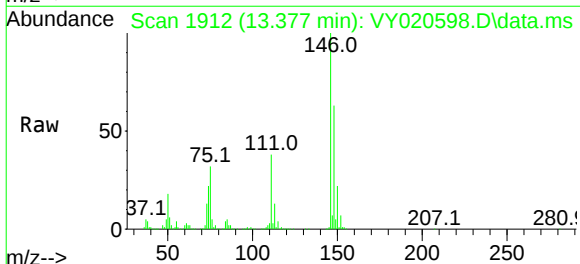
Tgt Ion:146 Resp: 216496

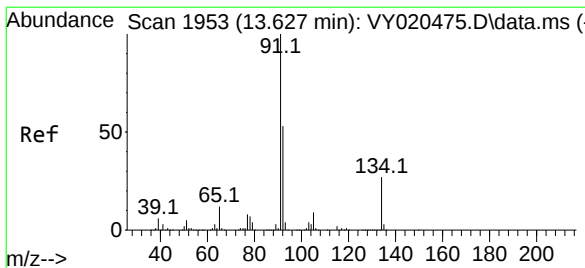
Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.6

148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 50.027 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

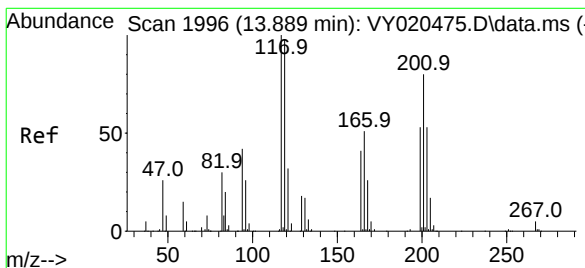
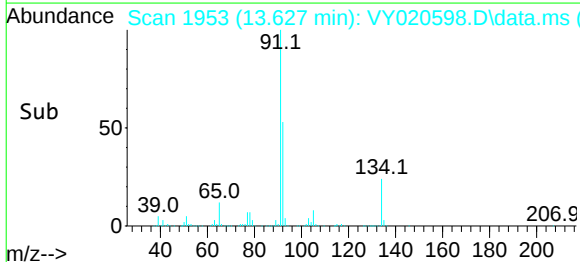
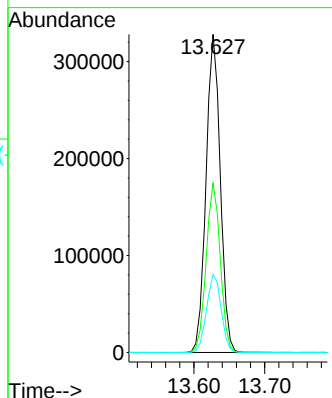
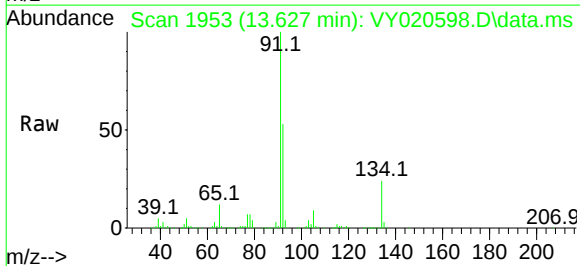
Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:	91	Resp:	458906
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	25.1	12.2	36.4



#90

Hexachloroethane

Concen: 48.756 ug/l

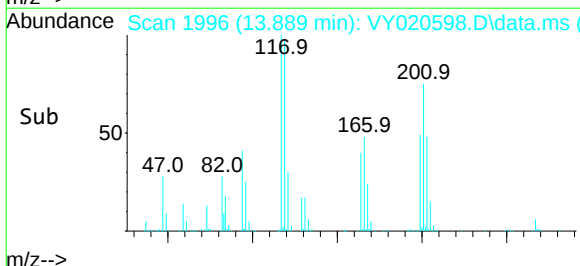
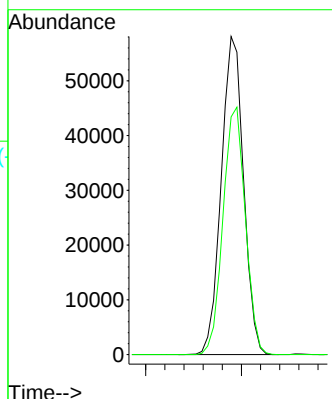
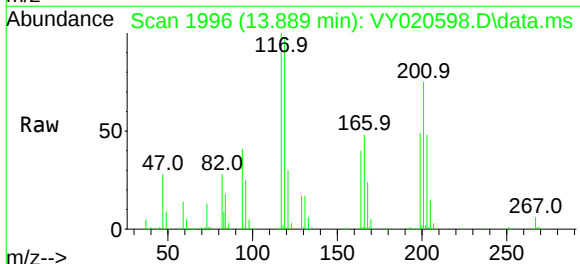
RT: 13.889 min Scan# 1996

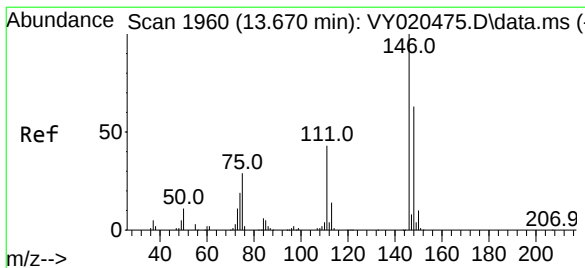
Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Tgt Ion:	117	Resp:	93978
Ion	Ratio	Lower	Upper
117	100		
201	77.8	37.1	111.3





#91

1,2-Dichlorobenzene

Concen: 48.065 ug/l

RT: 13.670 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

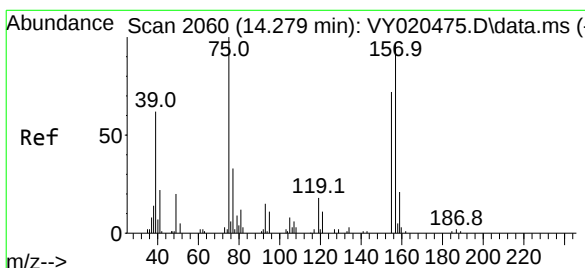
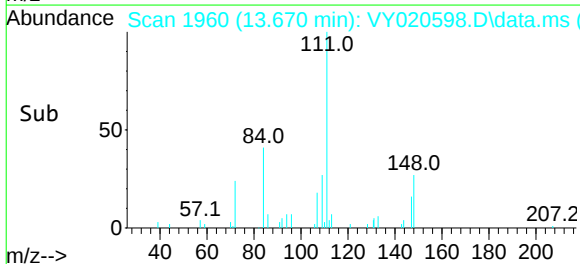
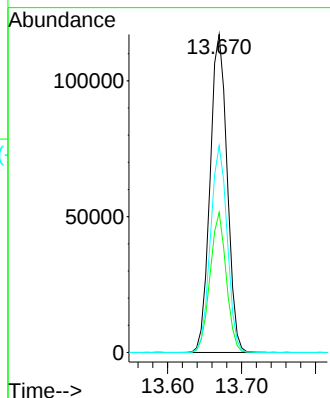
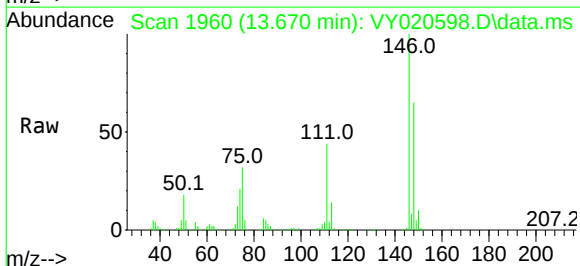
Tgt Ion:146 Resp: 187649

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.5

148 63.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.041 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

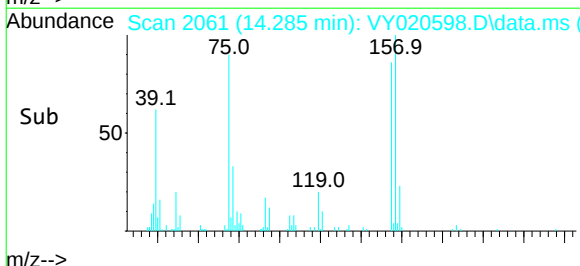
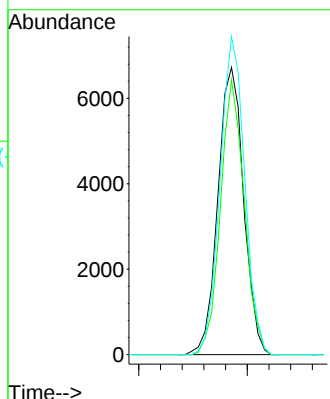
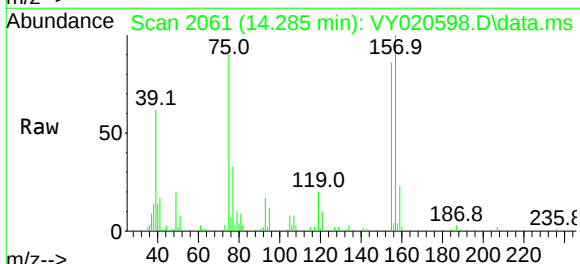
Tgt Ion: 75 Resp: 11052

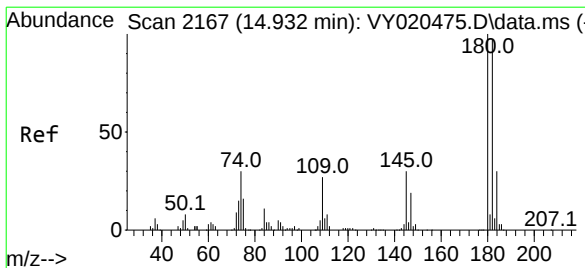
Ion Ratio Lower Upper

75 100

155 88.5 39.7 119.1

157 106.2 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 49.622 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

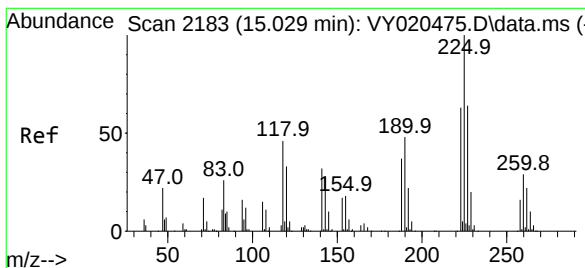
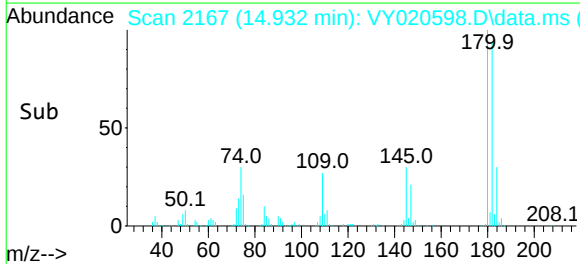
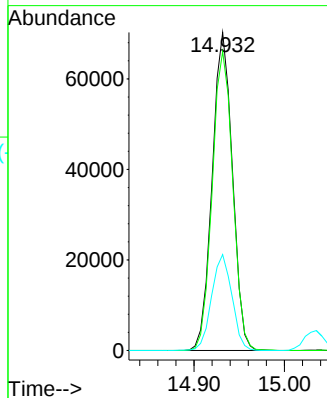
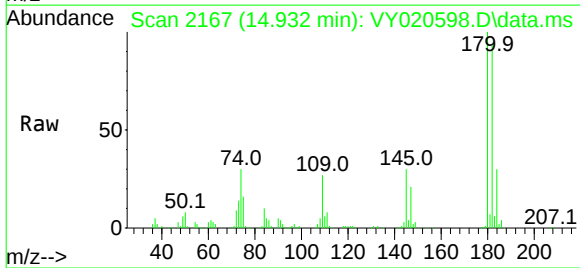
Tgt Ion:180 Resp: 108934

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.8

145 30.4 15.8 47.3



#94

Hexachlorobutadiene

Concen: 50.631 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

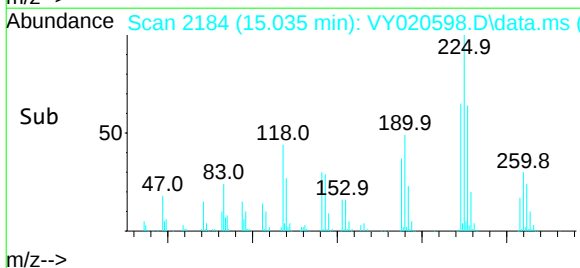
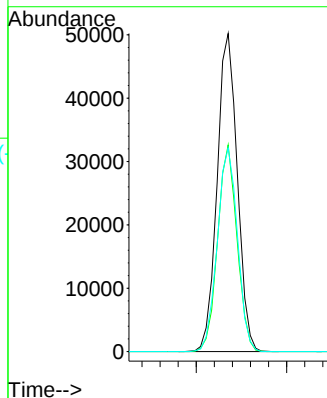
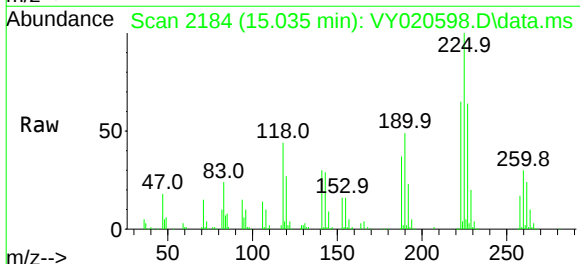
Tgt Ion:225 Resp: 77758

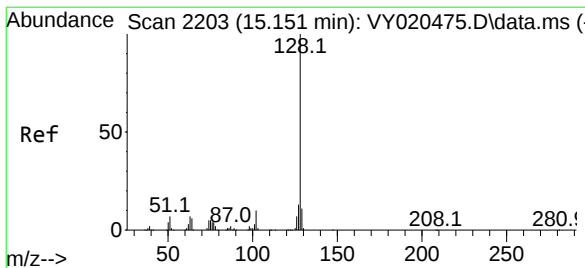
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.5

227 64.1 32.3 96.8





#95

Naphthalene

Concen: 48.546 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

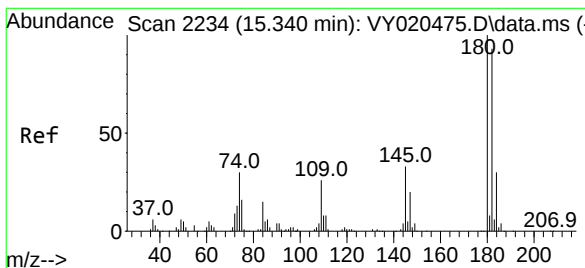
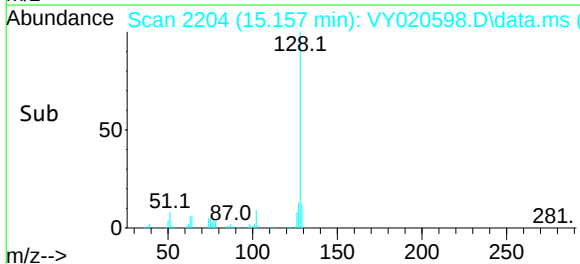
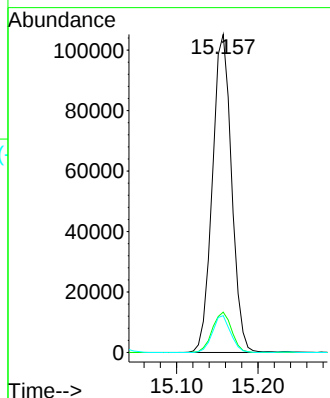
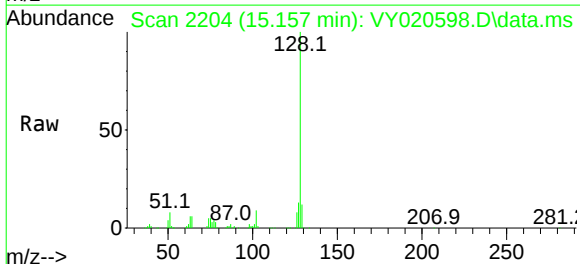
Tgt Ion:128 Resp: 172459

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.193 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020598.D

Acq: 13 Dec 2024 09:36

Tgt Ion:180 Resp: 88911

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.3

145 31.9 16.9 50.6

