

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018978.D
 Acq On : 09 Aug 2024 19:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 09 23:31:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	61522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	91509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	82995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	44943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	30216	55.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.880%
35) Dibromofluoromethane	7.622	113	32378	55.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.800%
50) Toluene-d8	10.103	98	119867	53.395	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.780%
62) 4-Bromofluorobenzene	12.408	95	35109	52.714	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	19835	46.905	ug/l	91
3) Chloromethane	2.068	50	55826	56.577	ug/l	96
4) Vinyl Chloride	2.196	62	74337	52.456	ug/l	97
5) Bromomethane	2.586	94	62523	55.297	ug/l	99
6) Chloroethane	2.726	64	52835	55.443	ug/l	98
7) Trichlorofluoromethane	3.043	101	100830	53.386	ug/l	89
8) Diethyl Ether	3.446	74	15772	54.172	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	29532	50.049	ug/l	95
10) Methyl Iodide	3.994	142	33309	52.278	ug/l	97
11) Tert butyl alcohol	4.842	59	11595	247.527	ug/l #	91
12) 1,1-Dichloroethene	3.775	96	28532	51.183	ug/l	99
13) Acrolein	3.635	56	13842	244.778	ug/l	96
14) Allyl chloride	4.372	41	39530	53.021	ug/l	86
15) Acrylonitrile	5.037	53	33728	295.501	ug/l	97
16) Acetone	3.854	43	29281	221.197	ug/l #	80
17) Carbon Disulfide	4.092	76	82776	49.952	ug/l	99
18) Methyl Acetate	4.366	43	16888	56.252	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	72663	52.995	ug/l	96
20) Methylene Chloride	4.598	84	33633	54.953	ug/l	85
21) trans-1,2-Dichloroethene	5.098	96	32354	52.456	ug/l	94
22) Diisopropyl ether	6.006	45	86823	53.420	ug/l #	89
23) Vinyl Acetate	5.945	43	397287	283.237	ug/l	97
24) 1,1-Dichloroethane	5.903	63	52396	52.550	ug/l	99
25) 2-Butanone	6.872	43	47395	270.994	ug/l	93
26) 2,2-Dichloropropane	6.872	77	42460	45.245	ug/l	100
27) cis-1,2-Dichloroethene	6.878	96	38686	52.422	ug/l	98
28) Bromochloromethane	7.232	49	25351	55.227	ug/l	90
29) Tetrahydrofuran	7.244	42	30082	291.701	ug/l	92
30) Chloroform	7.402	83	58090	54.464	ug/l	99
31) Cyclohexane	7.689	56	43180	51.212	ug/l	94
32) 1,1,1-Trichloroethane	7.604	97	51577	53.497	ug/l	96
36) 1,1-Dichloropropene	7.823	75	41211	52.528	ug/l	99
37) Ethyl Acetate	6.970	43	22087	61.593	ug/l	95
38) Carbon Tetrachloride	7.805	117	47908	53.258	ug/l	95
39) Methylcyclohexane	9.103	83	52028	49.267	ug/l	97
40) Benzene	8.073	78	127971	54.861	ug/l	99

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 ALS Vial : 27 Sample Multiplier: 1

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 ClientSampleId :
 VSTDC0050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	10487	65.753	ug/l #	70
42) 1,2-Dichloroethane	8.146	62	33372	57.468	ug/l	100
43) Isopropyl Acetate	8.189	43	42269	57.960	ug/l #	78
44) Trichloroethene	8.853	130	36430	54.789	ug/l	88
45) 1,2-Dichloropropane	9.134	63	27781	53.225	ug/l	96
46) Dibromomethane	9.225	93	20465	60.681	ug/l	98
47) Bromodichloromethane	9.420	83	44623	56.541	ug/l	98
48) Methyl methacrylate	9.213	41	18960	59.512	ug/l #	77
49) 1,4-Dioxane	9.219	88	4675	1173.306	ug/l #	100
51) 4-Methyl-2-Pentanone	9.993	43	118506	315.082	ug/l #	86
52) Toluene	10.164	92	86599	55.888	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	38099	54.133	ug/l	92
54) cis-1,3-Dichloropropene	9.853	75	45244	54.119	ug/l #	84
55) 1,1,2-Trichloroethane	10.567	97	23997	57.941	ug/l	99
56) Ethyl methacrylate	10.438	69	31413	56.017	ug/l #	73
57) 1,3-Dichloropropane	10.713	76	39719	58.246	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	84371	291.840	ug/l	96
59) 2-Hexanone	10.762	43	81096	300.580	ug/l	84
60) Dibromochloromethane	10.908	129	32385	58.323	ug/l	99
61) 1,2-Dibromoethane	11.012	107	23355	58.401	ug/l	99
64) Tetrachloroethene	10.646	164	38613	55.500	ug/l	94
65) Chlorobenzene	11.438	112	96511	52.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	33452	52.484	ug/l	99
67) Ethyl Benzene	11.518	91	168409	53.379	ug/l	99
68) m/p-Xylenes	11.627	106	138891	107.360	ug/l	93
69) o-Xylene	11.956	106	65338	54.722	ug/l	91
70) Styrene	11.969	104	109427	55.641	ug/l	99
71) Bromoform	12.133	173	18282	55.158	ug/l #	98
73) Isopropylbenzene	12.255	105	157827	48.379	ug/l	95
74) N-amyl acetate	12.072	43	40767	54.154	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.505	83	28678	54.473	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	34591	103.313	ug/l #	100
77) Bromobenzene	12.530	156	39710	52.252	ug/l	90
78) n-propylbenzene	12.597	91	185874	48.139	ug/l	96
79) 2-Chlorotoluene	12.682	91	97039	48.545	ug/l	92
80) 1,3,5-Trimethylbenzene	12.737	105	126918	49.644	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	7611	46.841	ug/l #	81
82) 4-Chlorotoluene	12.780	91	101353	49.524	ug/l	90
83) tert-Butylbenzene	12.999	119	119666	49.556	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	129501	49.934	ug/l	94
85) sec-Butylbenzene	13.176	105	173961	49.735	ug/l	98
86) p-Isopropyltoluene	13.292	119	153091	50.546	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	80655	51.954	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	75658	49.973	ug/l	99
89) n-Butylbenzene	13.621	91	130667	49.151	ug/l	99
90) Hexachloroethane	13.883	117	29354	51.363	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	68067	53.329	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3539	48.868	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	39418	56.086	ug/l	99
94) Hexachlorobutadiene	15.023	225	20845	54.080	ug/l	100
95) Naphthalene	15.145	128	72382	57.851	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	34338	56.922	ug/l	99

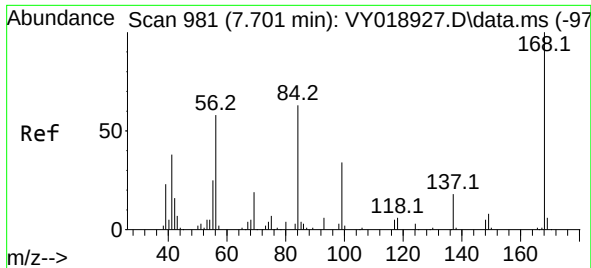
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Response via : Initial Calibration

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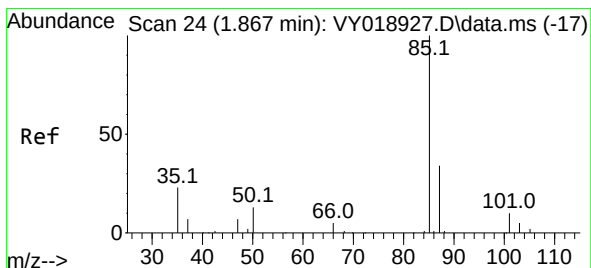
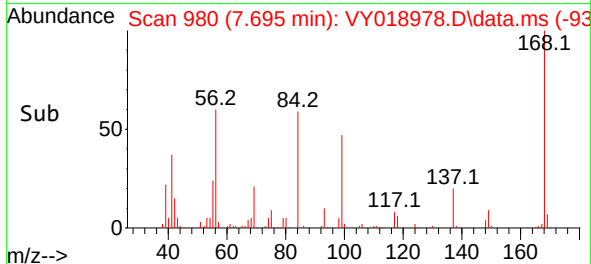
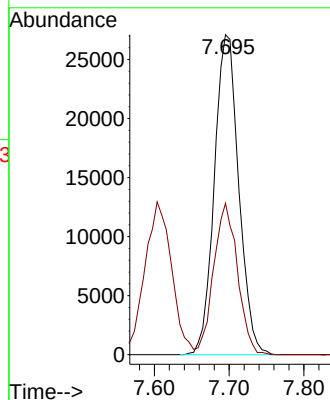
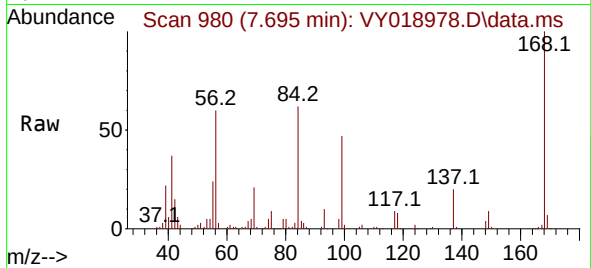
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

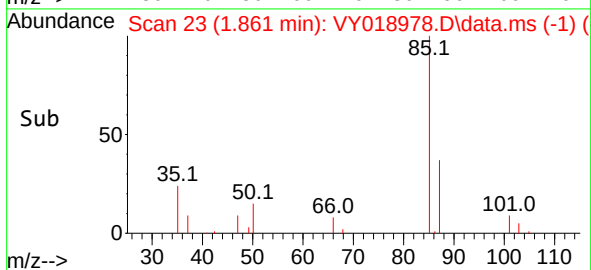
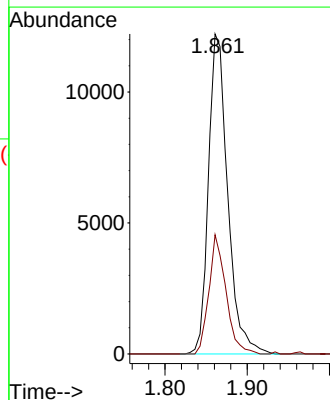
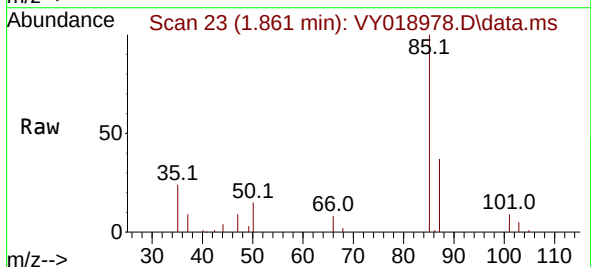
Instrument :
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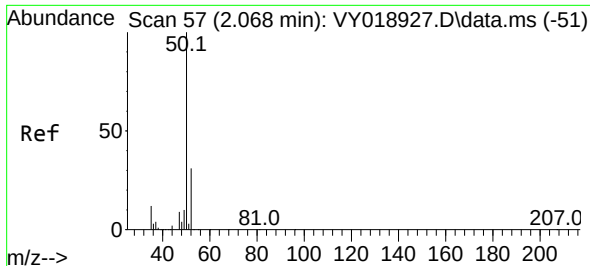
Tgt Ion:168 Resp: 61522
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.905 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 85 Resp: 19835
Ion Ratio Lower Upper
85 100
87 37.3 16.0 48.0

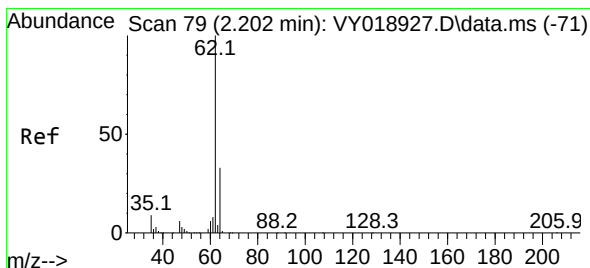
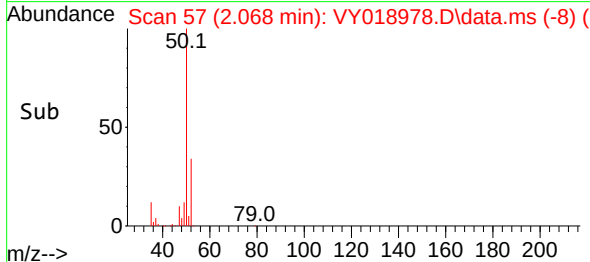
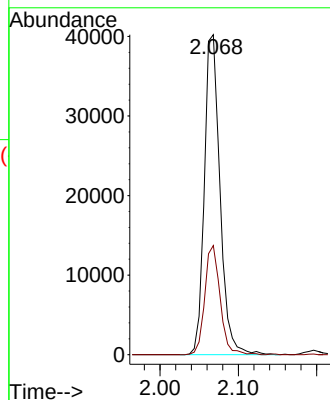
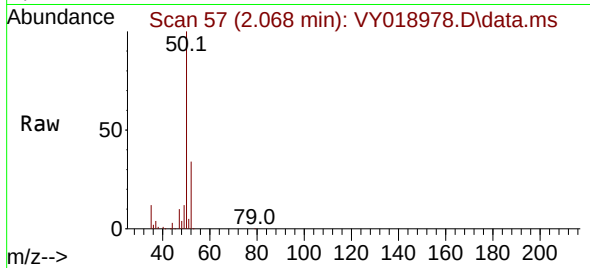




#3
Chloromethane
Concen: 56.577 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

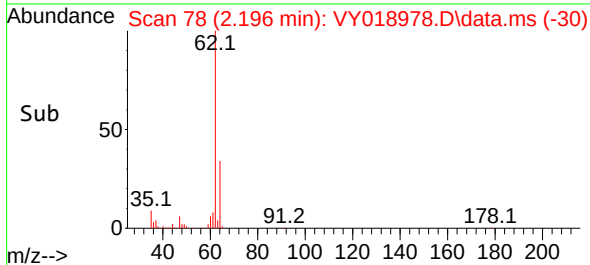
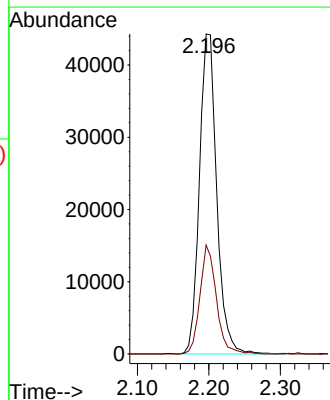
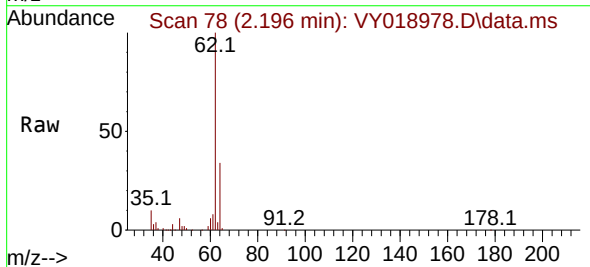
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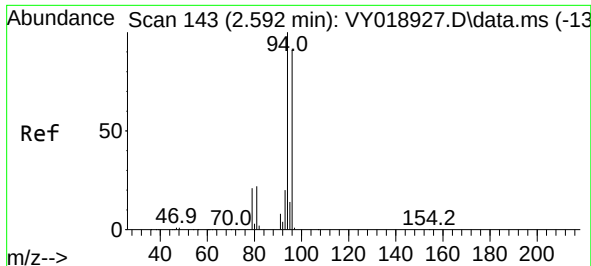
Tgt Ion: 50 Resp: 55826
Ion Ratio Lower Upper
50 100
52 34.1 25.6 38.4



#4
Vinyl Chloride
Concen: 52.456 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 62 Resp: 74337
Ion Ratio Lower Upper
62 100
64 34.0 26.1 39.1

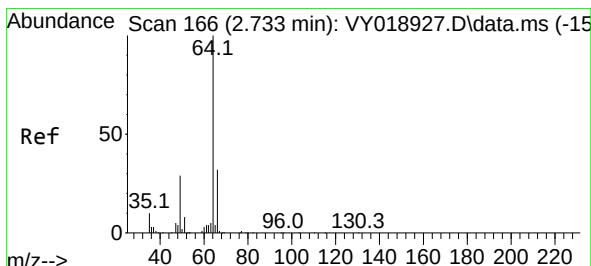
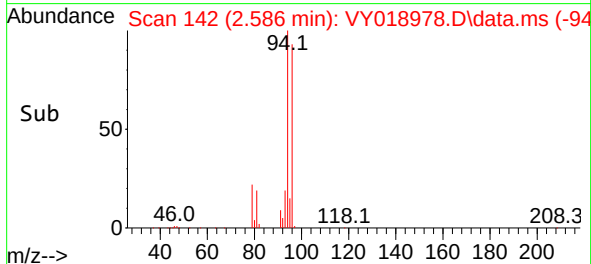
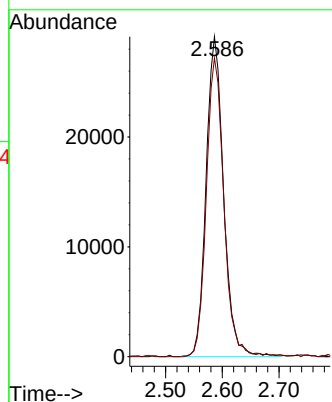
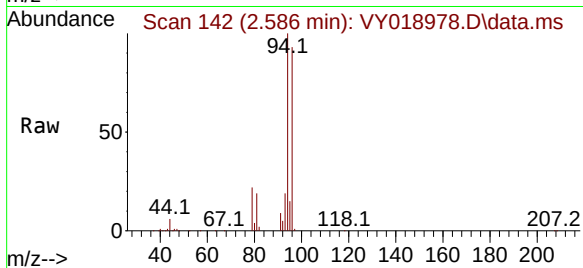




#5
Bromomethane
Concen: 55.297 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

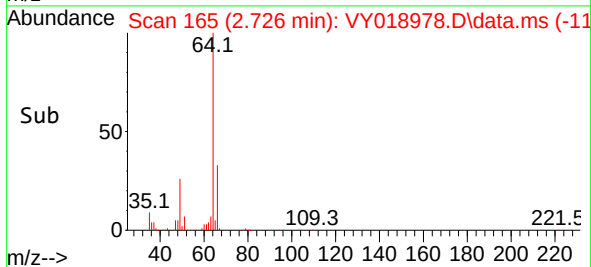
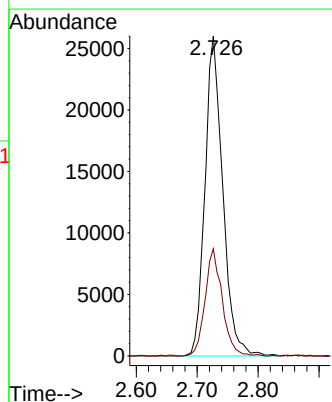
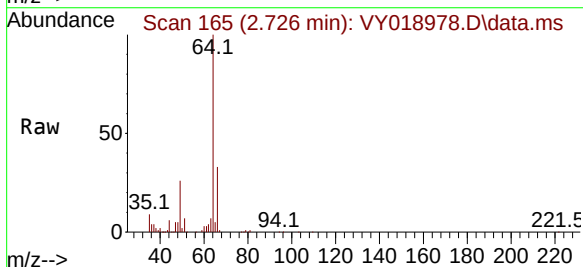
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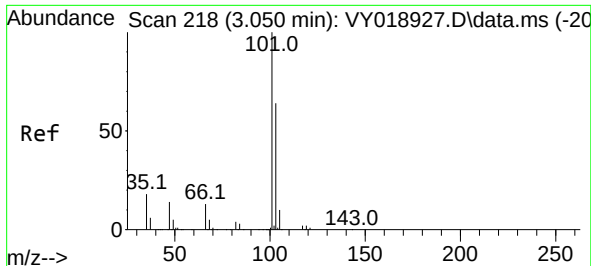
Tgt Ion: 94 Resp: 62523
Ion Ratio Lower Upper
94 100
96 93.4 74.1 111.1



#6
Chloroethane
Concen: 55.443 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 64 Resp: 52835
Ion Ratio Lower Upper
64 100
66 33.5 26.1 39.1

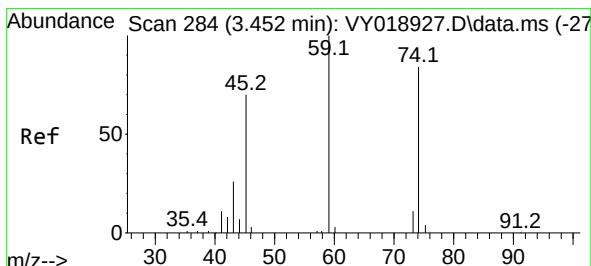
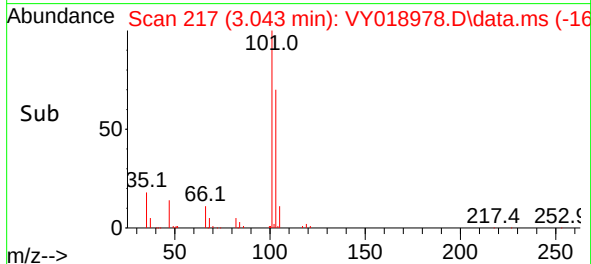
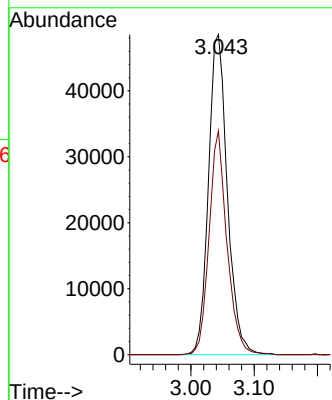
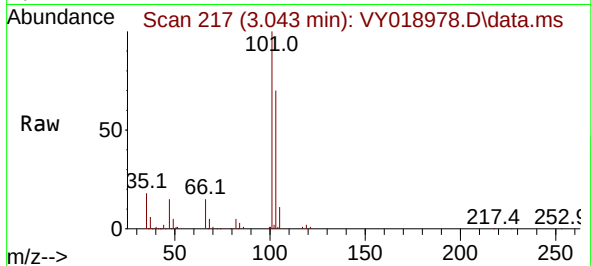




#7
Trichlorofluoromethane
Concen: 53.386 ug/l
RT: 3.043 min Scan# 218
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

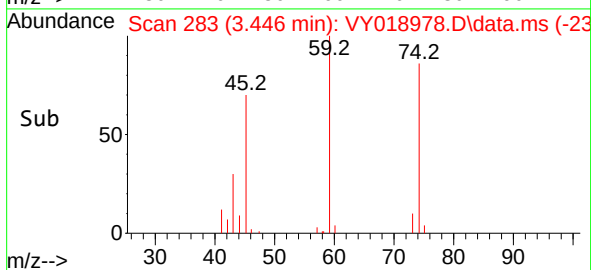
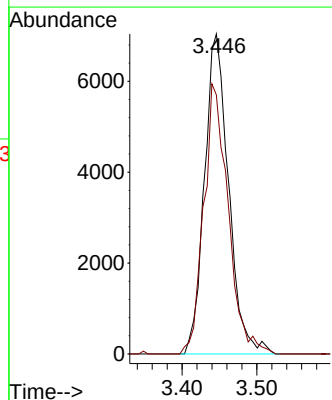
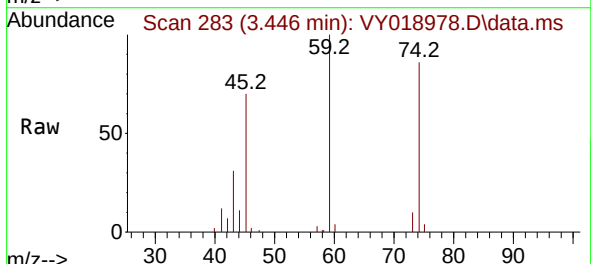
Instrument :
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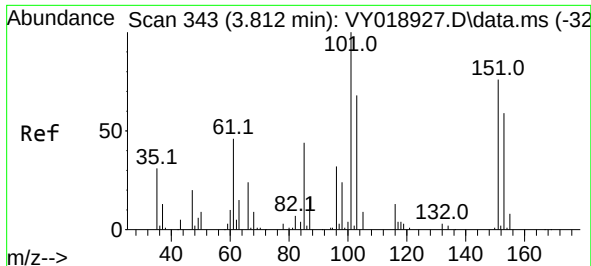
Tgt Ion:101 Resp: 100830
Ion Ratio Lower Upper
101 100
103 69.9 49.3 73.9



#8
Diethyl Ether
Concen: 54.172 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 74 Resp: 15772
Ion Ratio Lower Upper
74 100
45 85.7 41.3 124.1

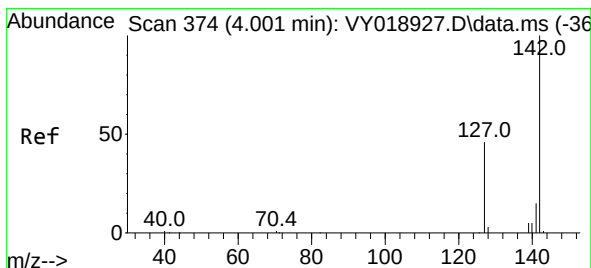
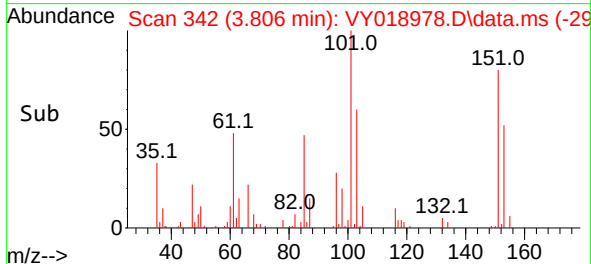
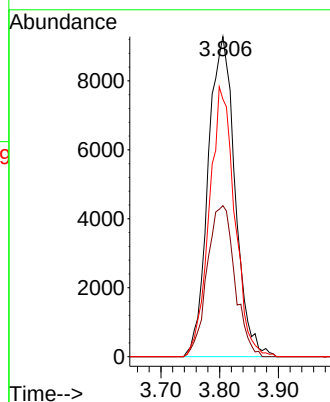
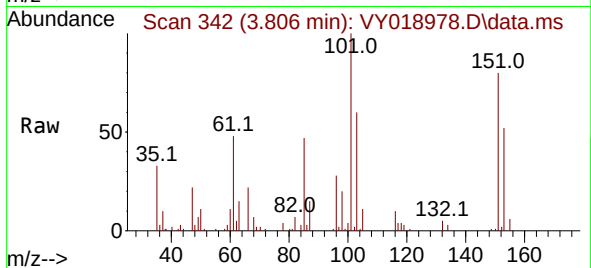




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.049 ug/l
RT: 3.806 min Scan# 341
Delta R.T. -0.006 min
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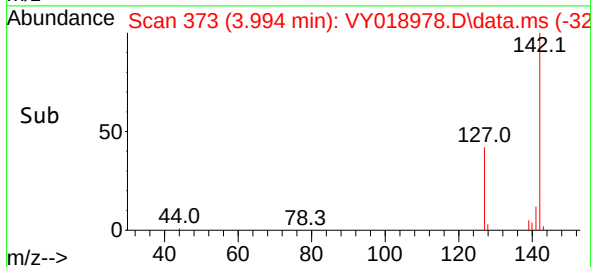
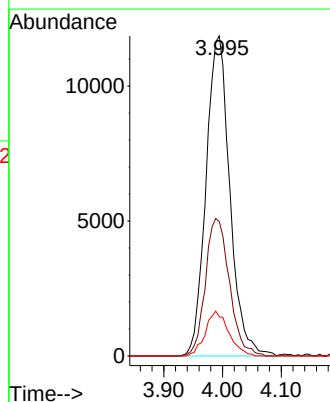
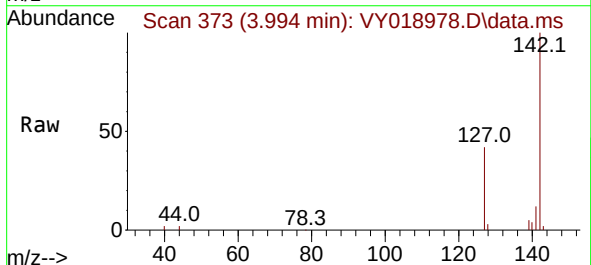
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

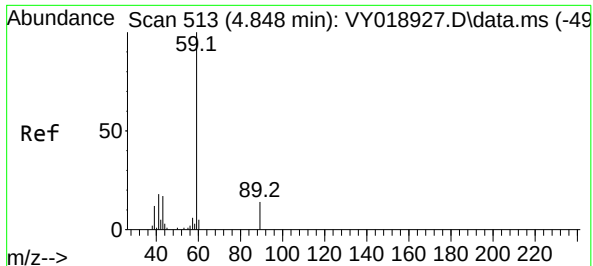
Tgt Ion:101 Resp: 29532
Ion Ratio Lower Upper
101 100
85 48.7 34.5 51.7
151 79.6 61.7 92.5



#10
Methyl Iodide
Concen: 52.278 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion:142 Resp: 33309
Ion Ratio Lower Upper
142 100
127 43.4 32.8 49.2
141 13.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 247.527 ug/l

RT: 4.842 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

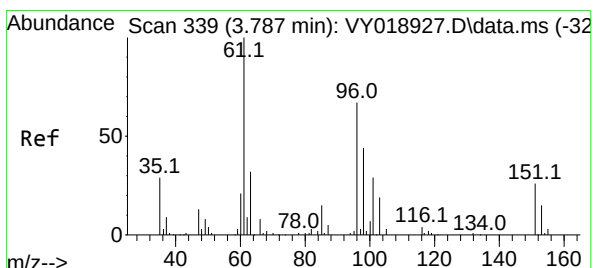
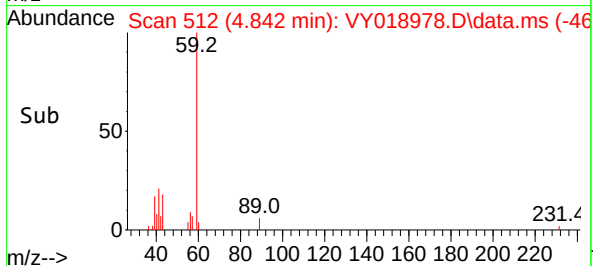
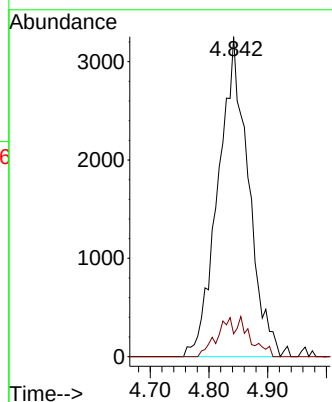
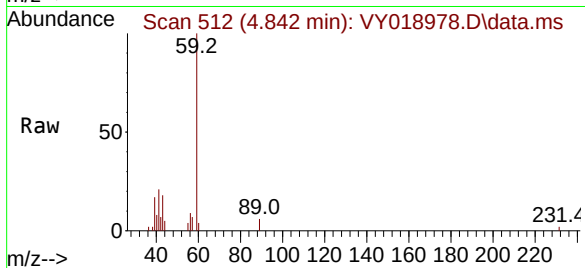
VSTDCCC050EC

Tgt Ion: 59 Resp: 11595

Ion Ratio Lower Upper

59 100

57 6.7 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 51.183 ug/l

RT: 3.775 min Scan# 337

Delta R.T. -0.012 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

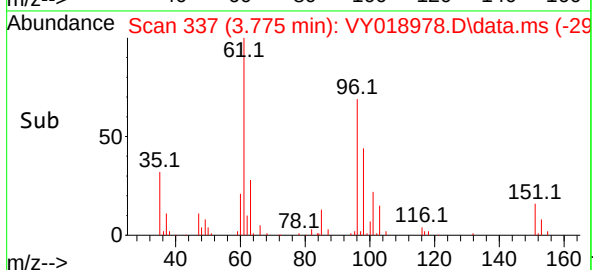
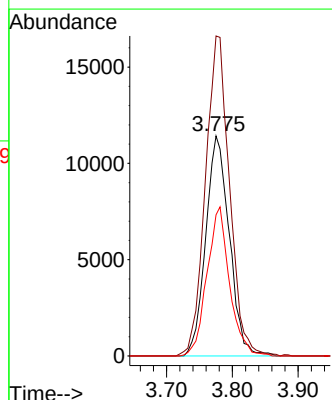
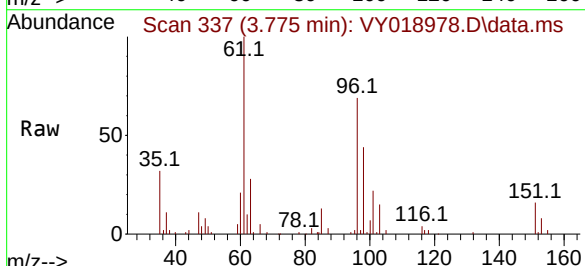
Tgt Ion: 96 Resp: 28532

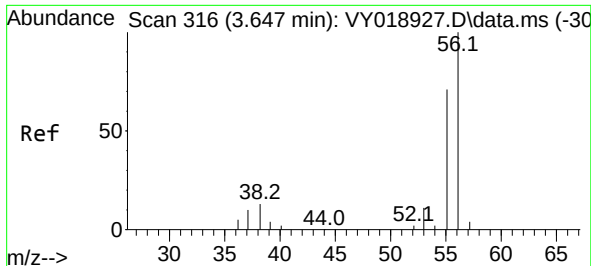
Ion Ratio Lower Upper

96 100

61 145.4 114.6 171.8

98 64.1 50.8 76.2





#13

Acrolein

Concen: 244.778 ug/l

RT: 3.635 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

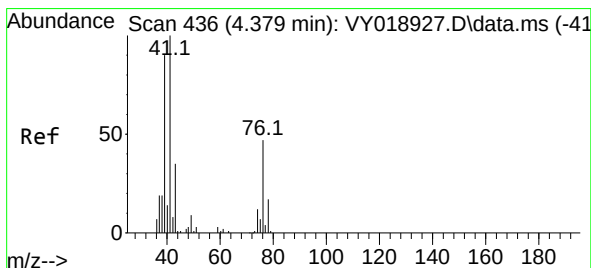
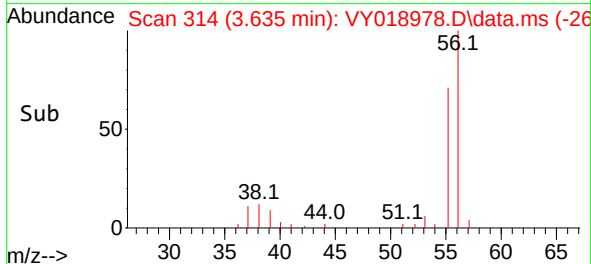
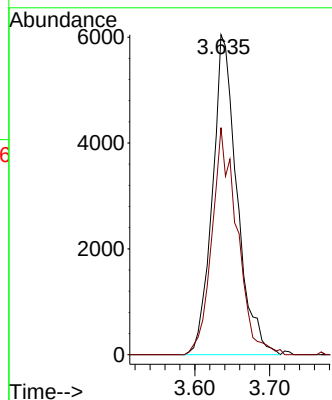
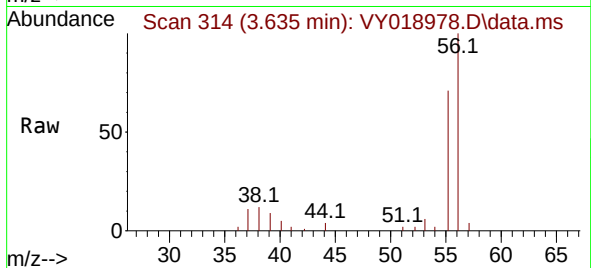
VSTDCCC050EC

Tgt Ion: 56 Resp: 13842

Ion Ratio Lower Upper

56 100

55 72.9 55.7 83.5



#14

Allyl chloride

Concen: 53.021 ug/l

RT: 4.372 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

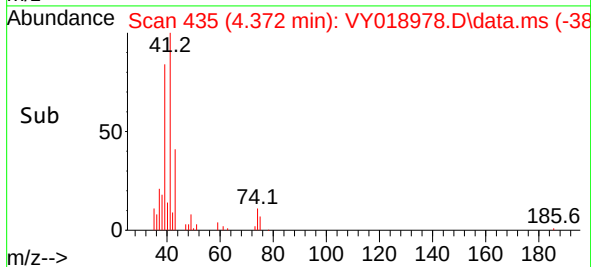
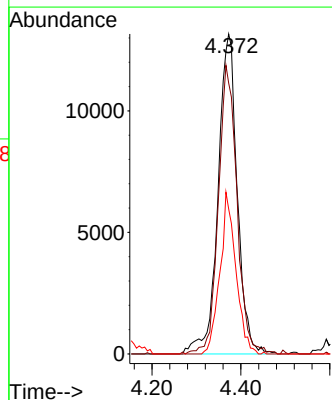
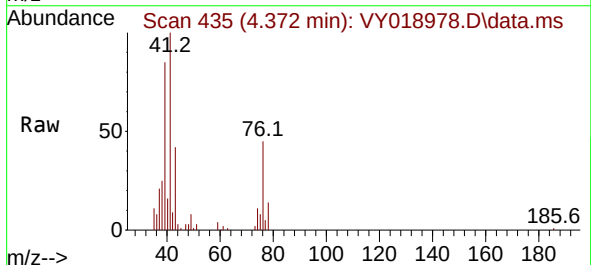
Tgt Ion: 41 Resp: 39530

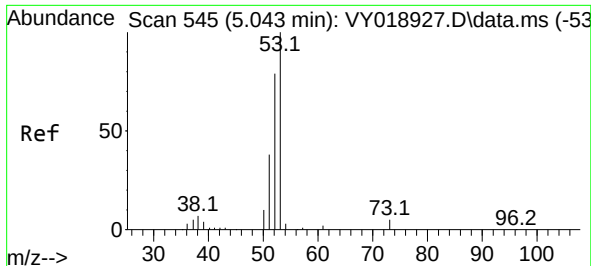
Ion Ratio Lower Upper

41 100

39 87.3 58.3 87.5

76 41.9 39.0 58.6

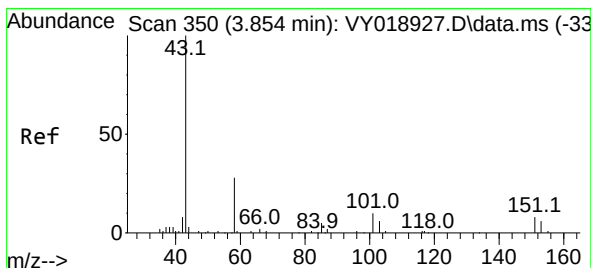
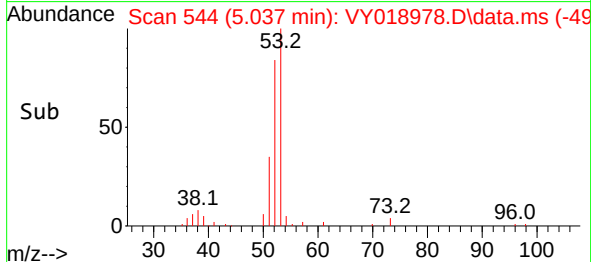
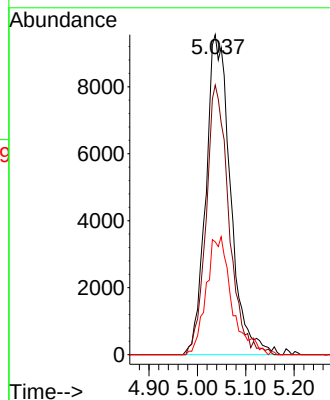
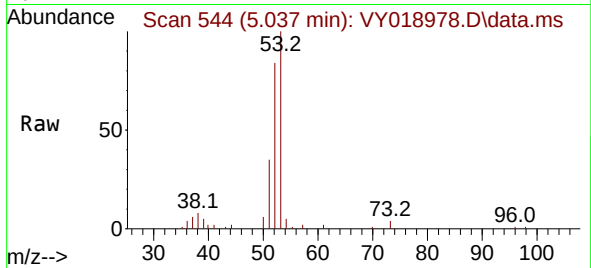




#15
Acrylonitrile
Concen: 295.501 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

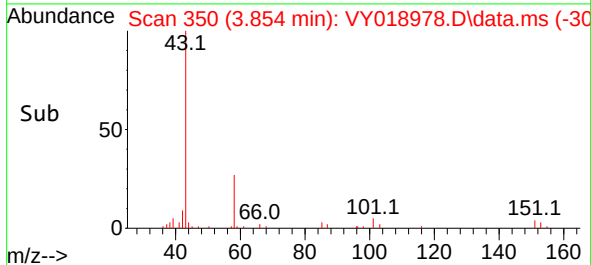
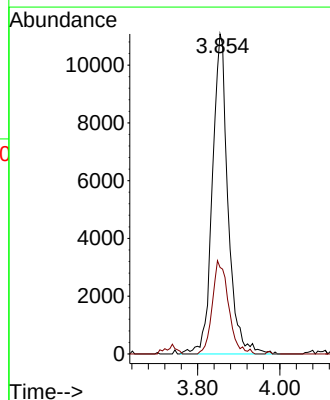
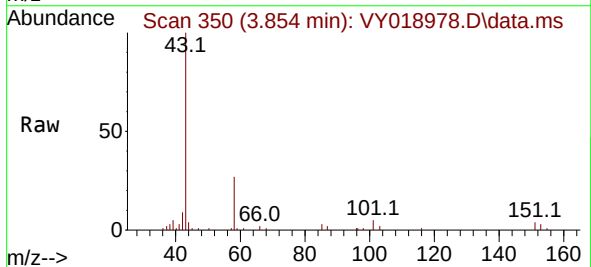
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

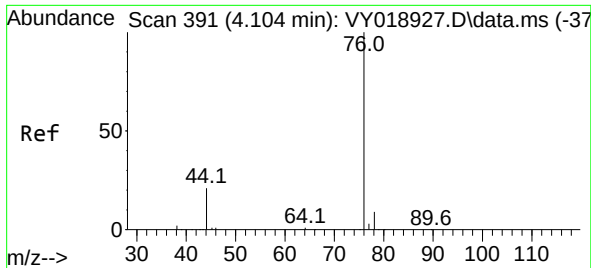
Tgt Ion: 53 Resp: 33728
Ion Ratio Lower Upper
53 100
52 78.3 64.7 97.1
51 38.2 28.4 42.6



#16
Acetone
Concen: 221.197 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 43 Resp: 29281
Ion Ratio Lower Upper
43 100
58 27.0 31.7 47.5#





#17

Carbon Disulfide

Concen: 49.952 ug/l

RT: 4.092 min Scan# 3

Delta R.T. -0.012 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

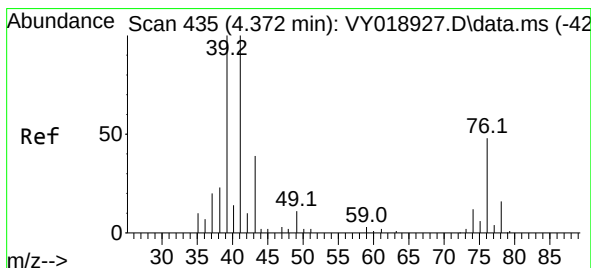
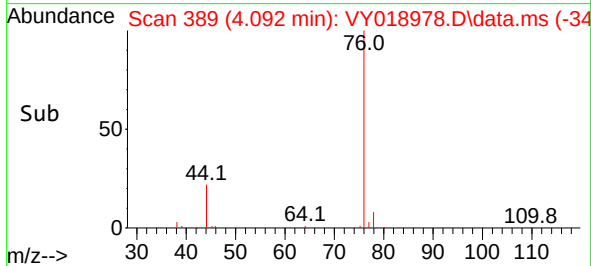
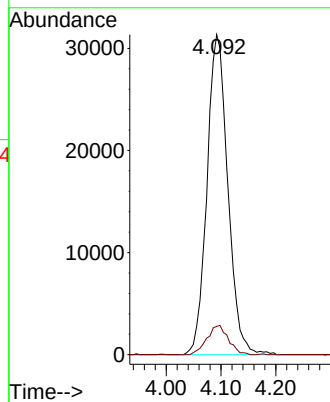
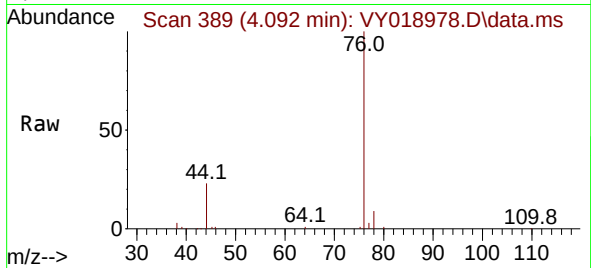
VSTDCCC050EC

Tgt Ion: 76 Resp: 82776

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 56.252 ug/l

RT: 4.366 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY018978.D

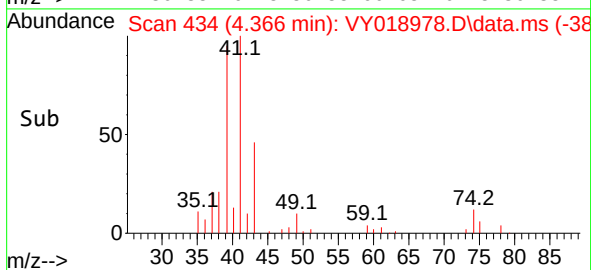
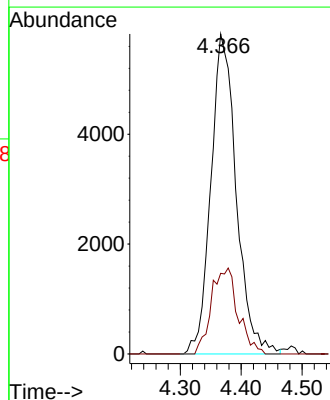
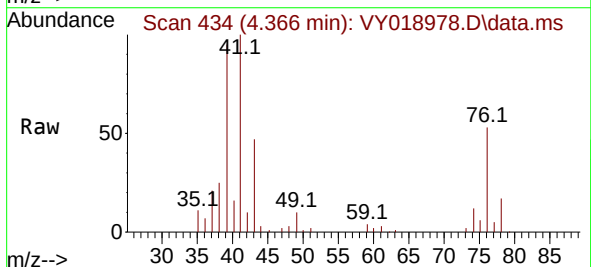
Acq: 09 Aug 2024 19:44

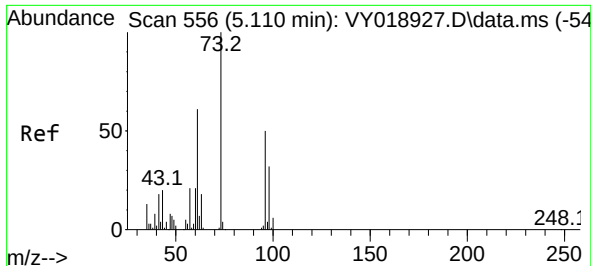
Tgt Ion: 43 Resp: 16888

Ion Ratio Lower Upper

43 100

74 28.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 52.995 ug/l

RT: 5.104 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

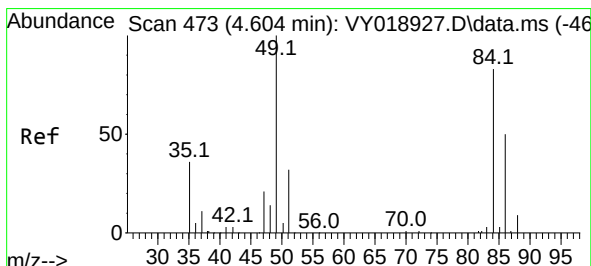
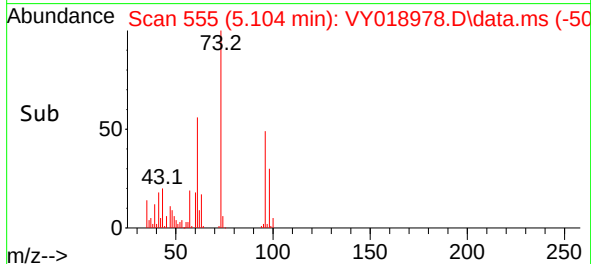
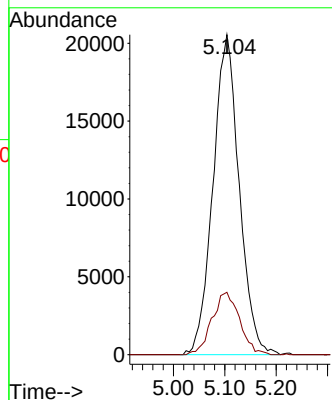
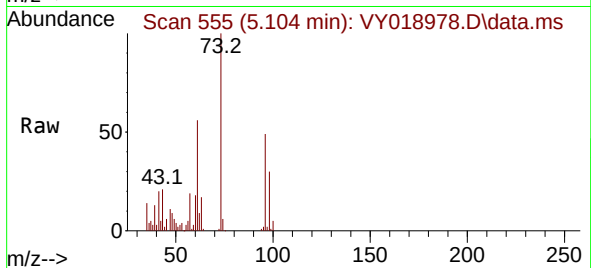
VSTDCCC050EC

Tgt Ion: 73 Resp: 72663

Ion Ratio Lower Upper

73 100

57 19.5 17.3 25.9



#20

Methylene Chloride

Concen: 54.953 ug/l

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Tgt Ion: 84 Resp: 33633

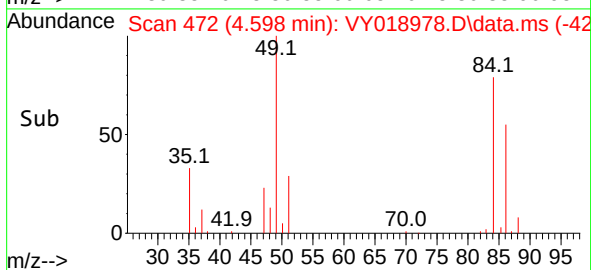
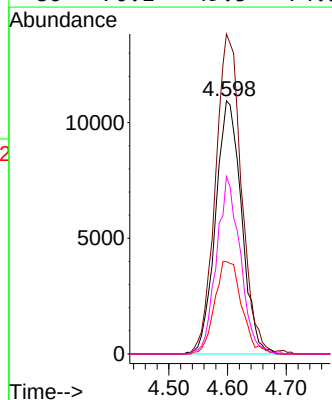
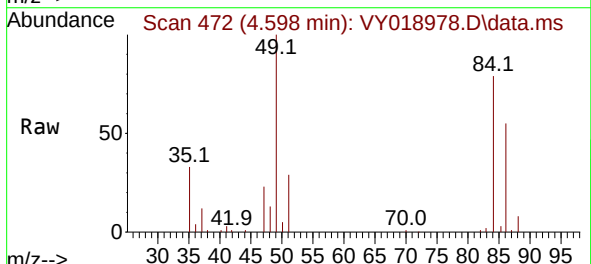
Ion Ratio Lower Upper

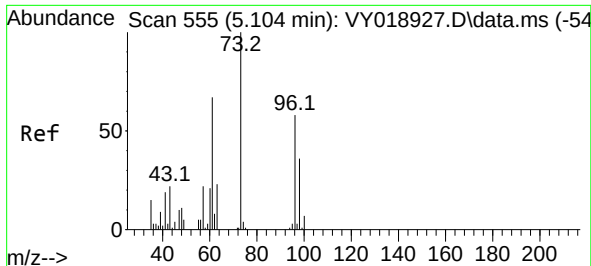
84 100

49 126.4 84.4 126.6

51 36.5 26.0 39.0

86 70.1 49.5 74.3

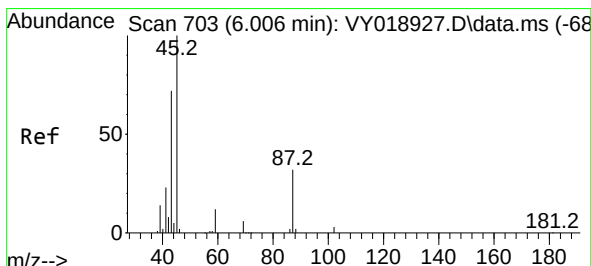
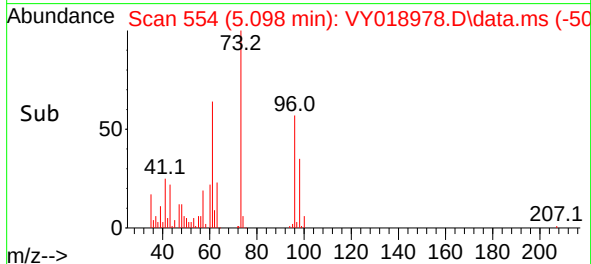
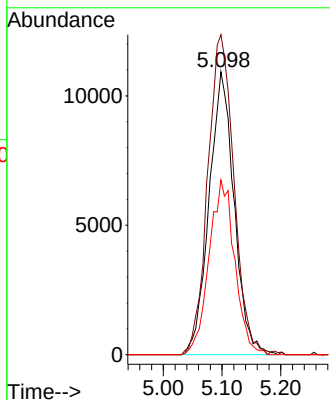
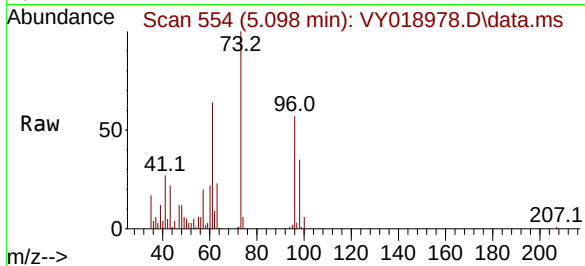




#21
trans-1,2-Dichloroethene
Concen: 52.456 ug/l
RT: 5.098 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

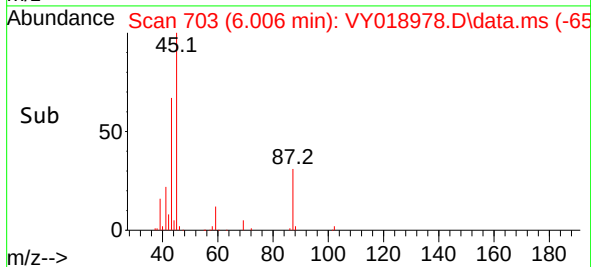
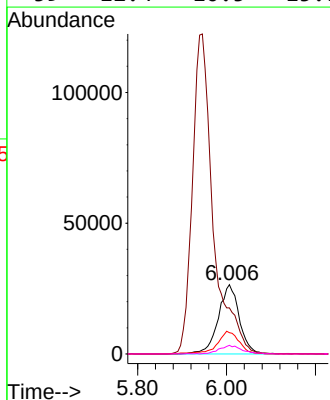
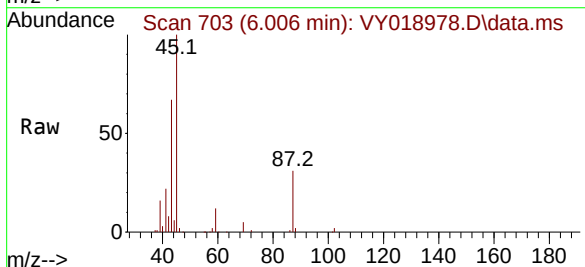
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

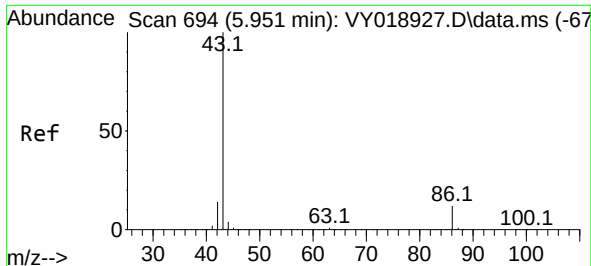
Tgt Ion: 96 Resp: 32354
Ion Ratio Lower Upper
96 100
61 113.1 97.5 146.3
98 61.7 50.5 75.7



#22
Diisopropyl ether
Concen: 53.420 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 45 Resp: 86823
Ion Ratio Lower Upper
45 100
43 66.1 42.2 63.2#
87 30.7 25.0 37.6
59 12.4 10.5 15.7

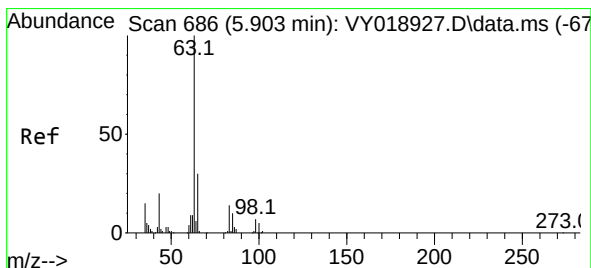
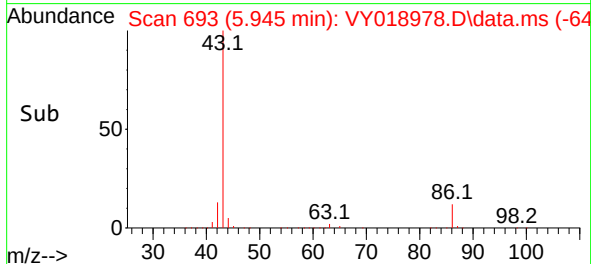
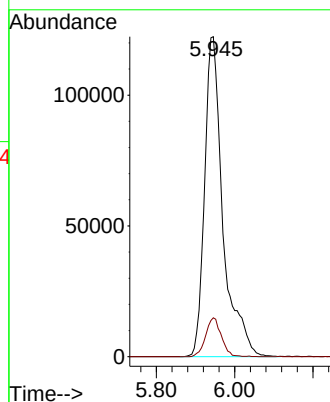
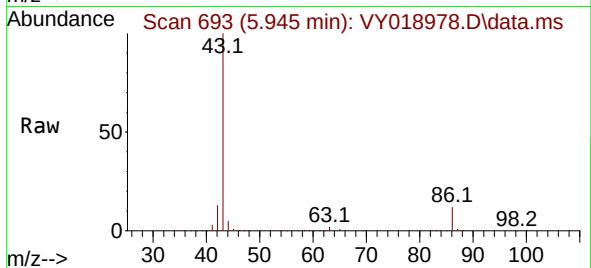




#23
 Vinyl Acetate
 Concen: 283.237 ug/l
 RT: 5.945 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY018978.D
 Acq: 09 Aug 2024 19:44

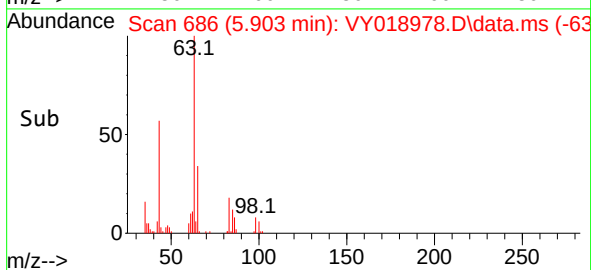
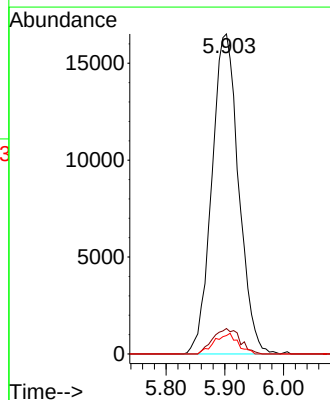
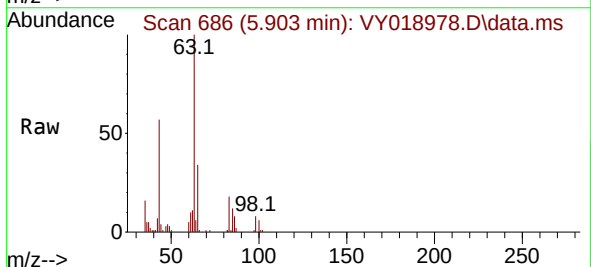
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

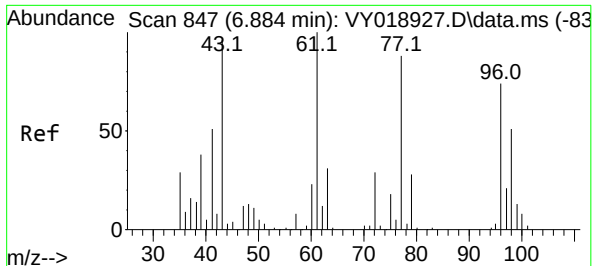
Tgt Ion: 43 Resp: 397287
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 52.550 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018978.D
 Acq: 09 Aug 2024 19:44

Tgt Ion: 63 Resp: 52396
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 5.8 2.6 8.0





#25

2-Butanone

Concen: 270.994 ug/l

RT: 6.872 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

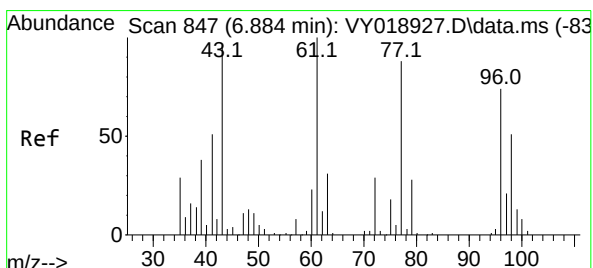
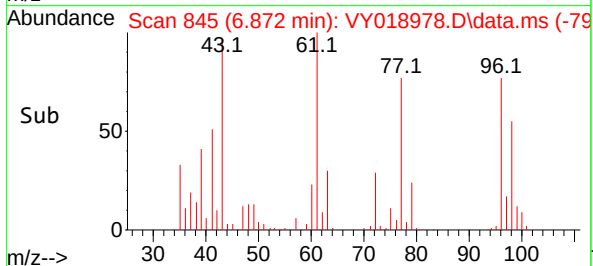
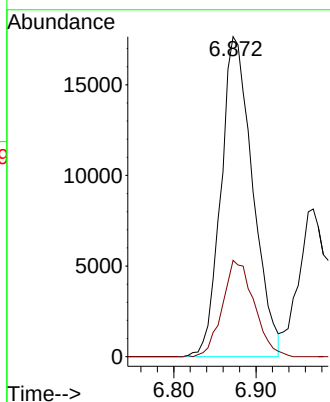
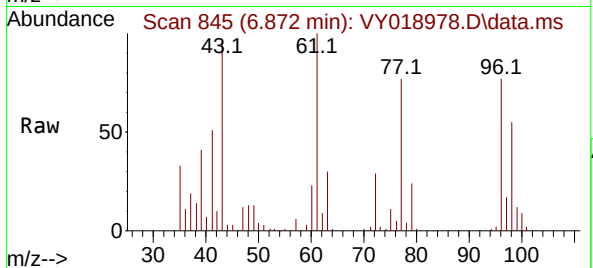
VSTDCCC050EC

Tgt Ion: 43 Resp: 47395

Ion Ratio Lower Upper

43 100

72 30.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 45.245 ug/l

RT: 6.872 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY018978.D

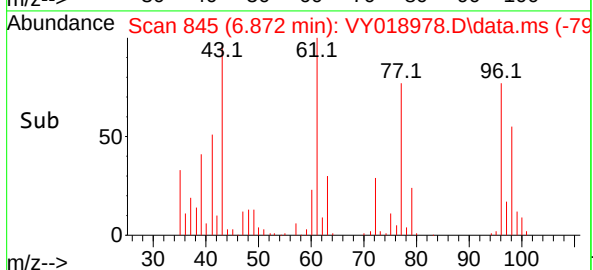
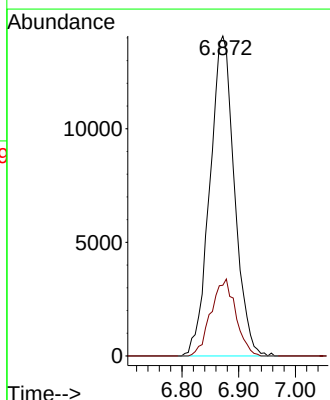
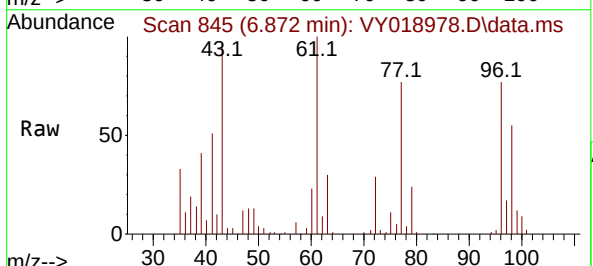
Acq: 09 Aug 2024 19:44

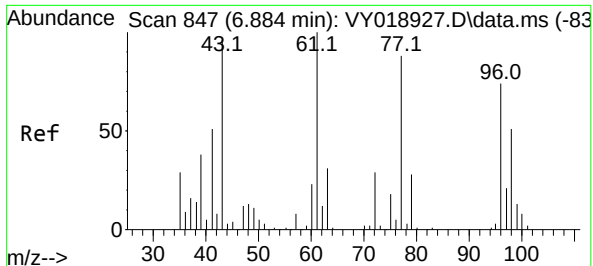
Tgt Ion: 77 Resp: 42460

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 52.422 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

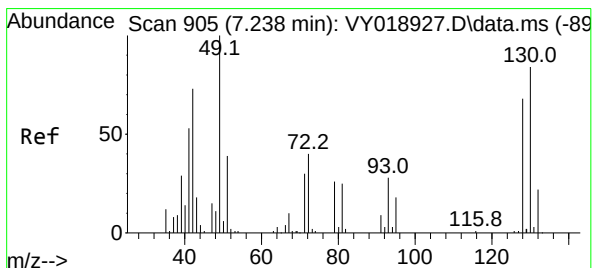
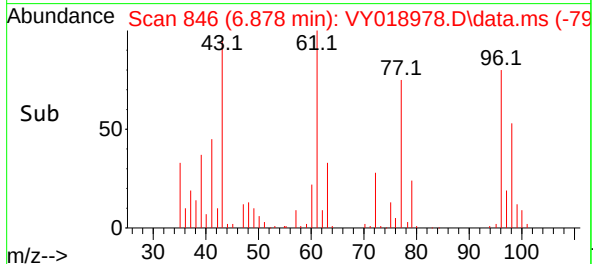
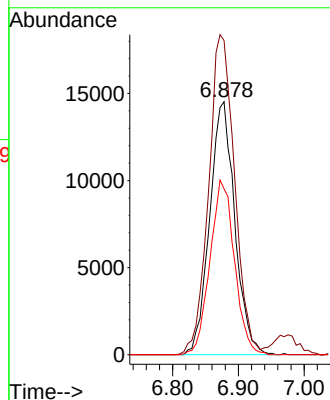
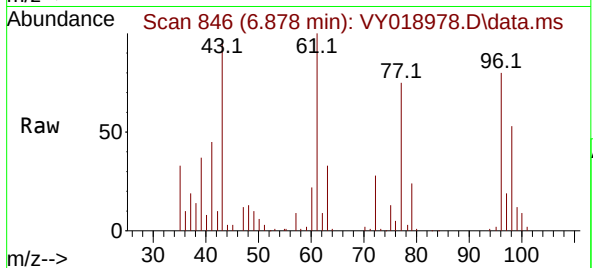
Tgt Ion: 96 Resp: 38686

Ion Ratio Lower Upper

96 100

61 130.2 0.0 256.2

98 67.2 0.0 130.0



#28

Bromochloromethane

Concen: 55.227 ug/l

RT: 7.232 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

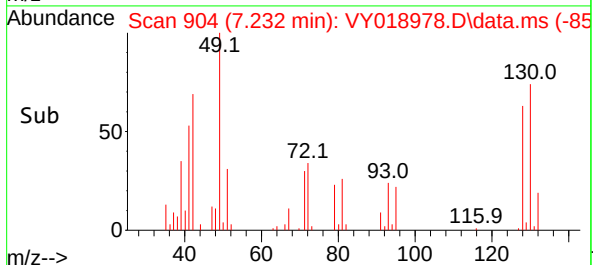
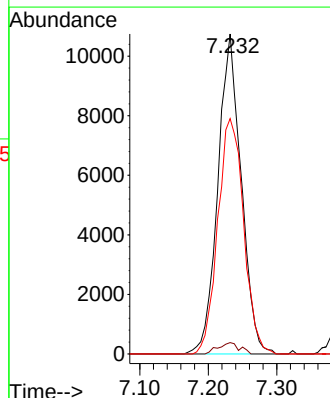
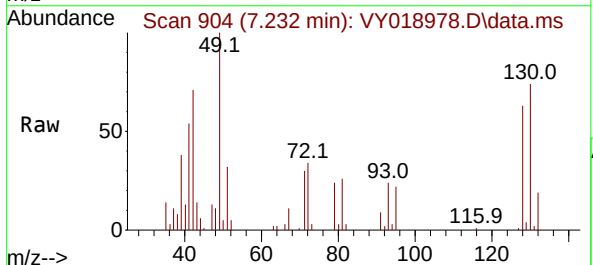
Tgt Ion: 49 Resp: 25351

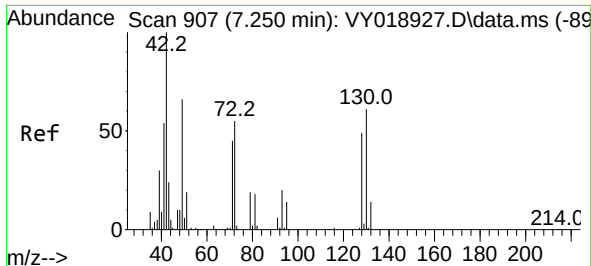
Ion Ratio Lower Upper

49 100

129 3.2 0.0 4.6

130 81.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 291.701 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

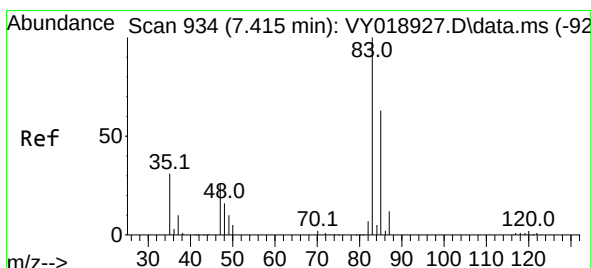
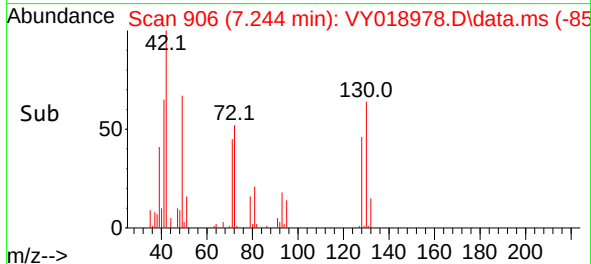
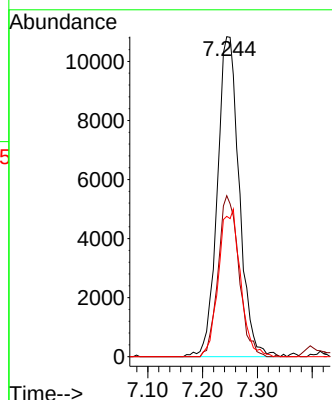
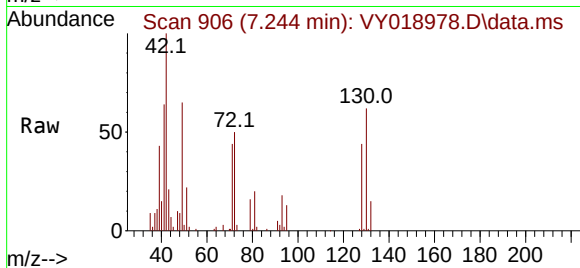
Tgt Ion: 42 Resp: 30082

Ion Ratio Lower Upper

42 100

72 47.7 43.0 64.4

71 46.0 40.8 61.2



#30

Chloroform

Concen: 54.464 ug/l

RT: 7.402 min Scan# 932

Delta R.T. -0.012 min

Lab File: VY018978.D

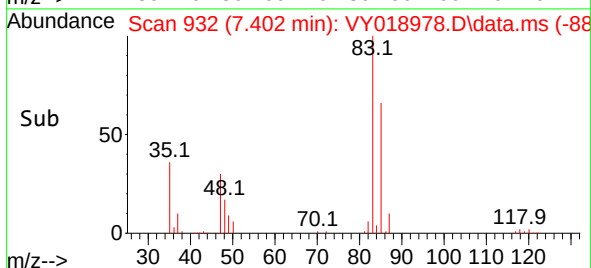
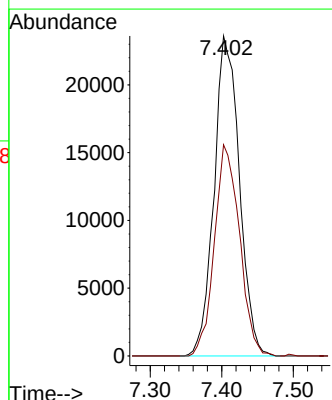
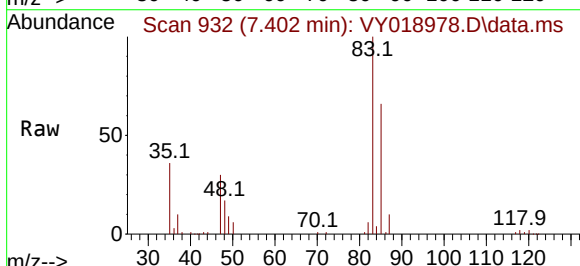
Acq: 09 Aug 2024 19:44

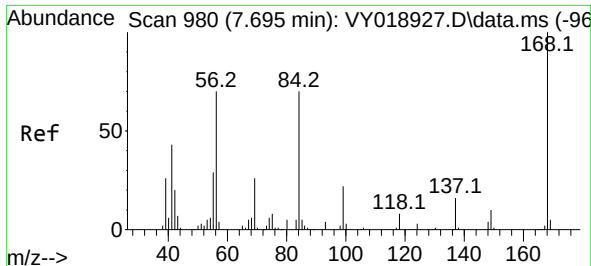
Tgt Ion: 83 Resp: 58090

Ion Ratio Lower Upper

83 100

85 66.0 52.2 78.4

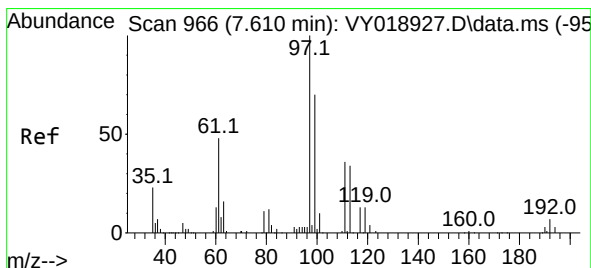
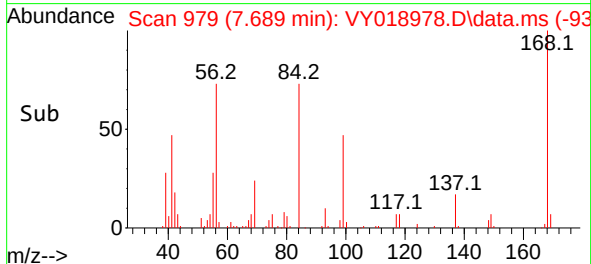
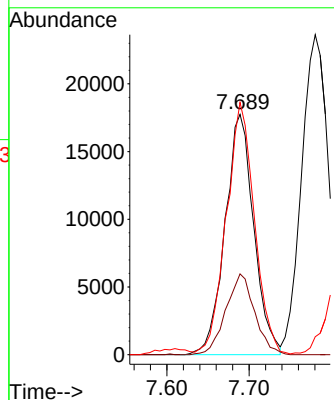
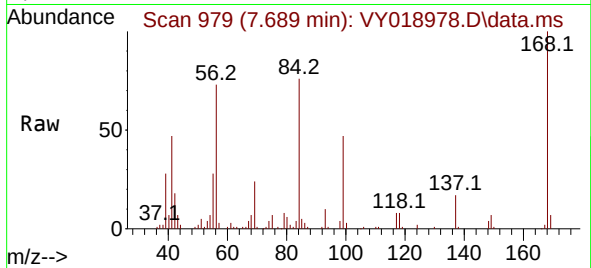




#31
Cyclohexane
Concen: 51.212 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

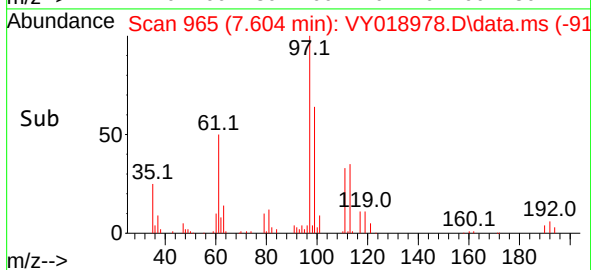
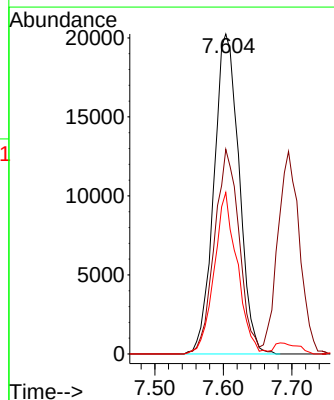
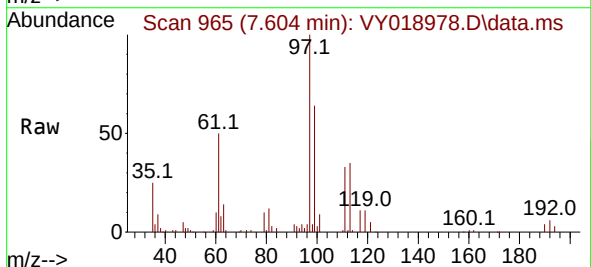
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

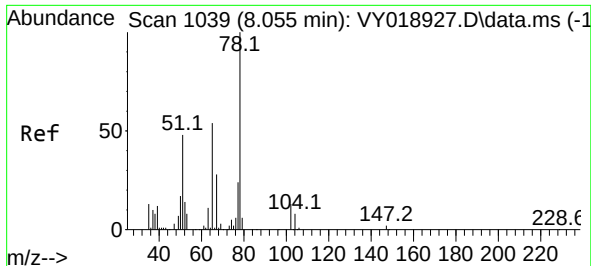
Tgt Ion: 56 Resp: 43180
Ion Ratio Lower Upper
56 100
69 33.6 28.7 43.1
84 103.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 53.497 ug/l
RT: 7.604 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 97 Resp: 51577
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 46.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.939 ug/l

RT: 8.055 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

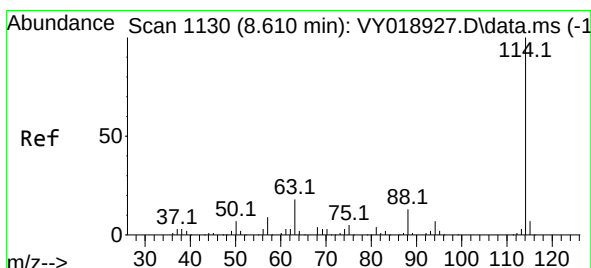
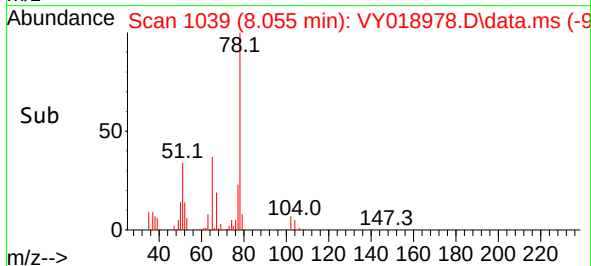
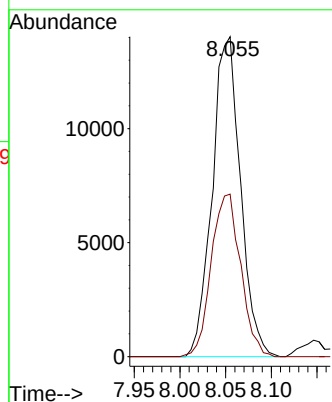
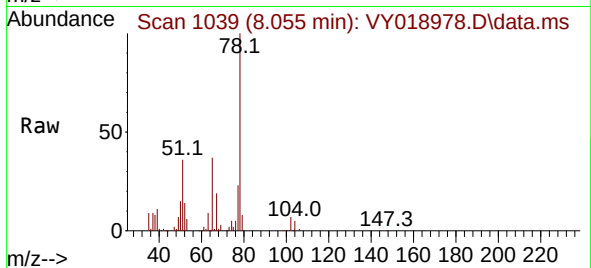
VSTDCCC050EC

Tgt Ion: 65 Resp: 30216

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

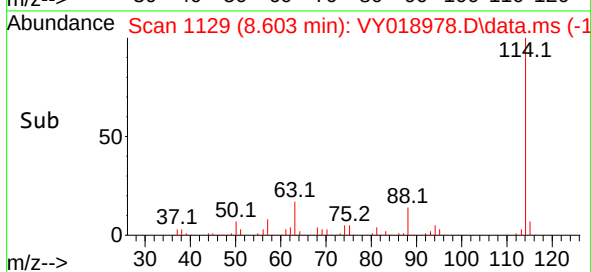
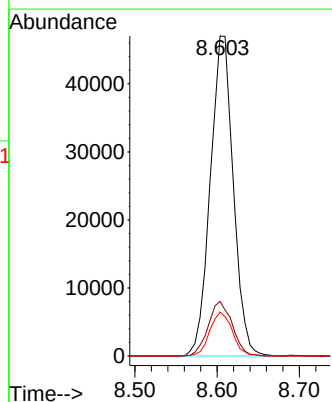
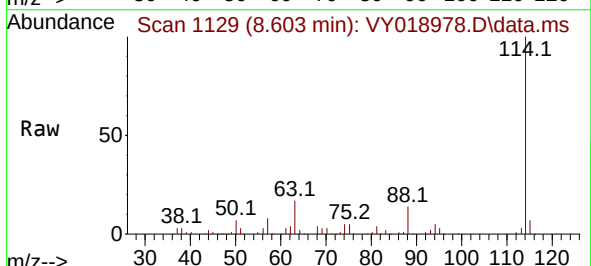
Tgt Ion: 114 Resp: 91509

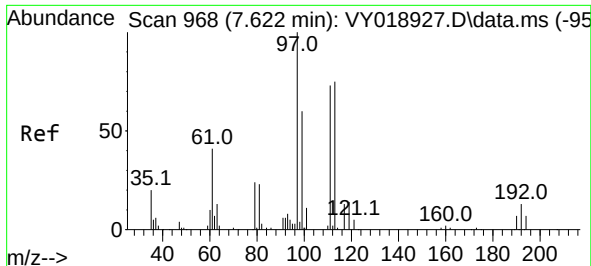
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.7 0.0 27.2

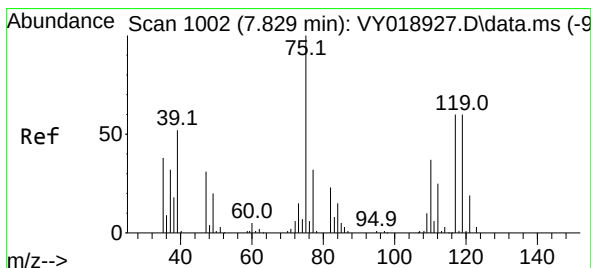
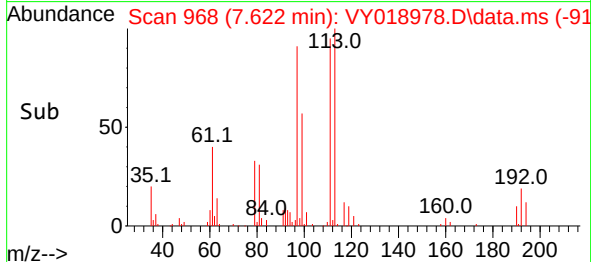
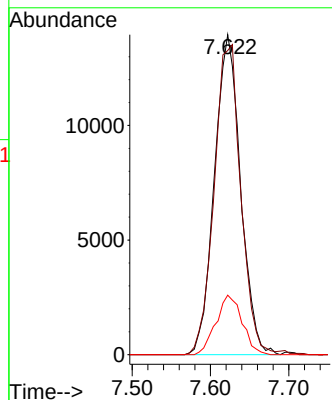
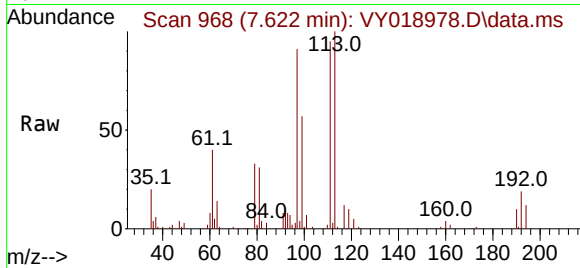




#35
Dibromofluoromethane
Concen: 55.398 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

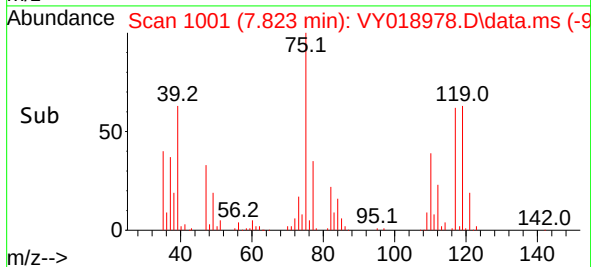
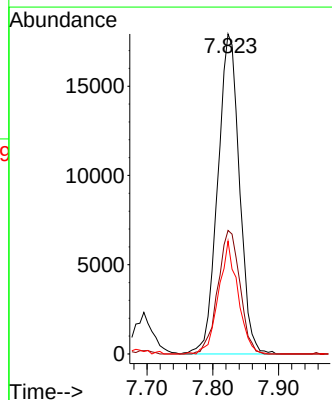
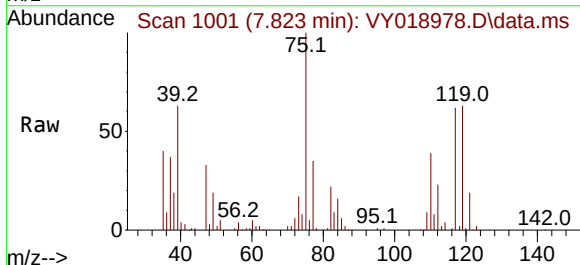
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

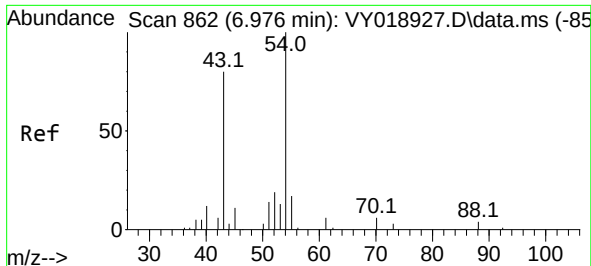
Tgt Ion:113 Resp: 32378
Ion Ratio Lower Upper
113 100
111 99.6 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.528 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 75 Resp: 41211
Ion Ratio Lower Upper
75 100
110 39.3 19.0 57.0
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 61.593 ug/l

RT: 6.970 min Scan# 862

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

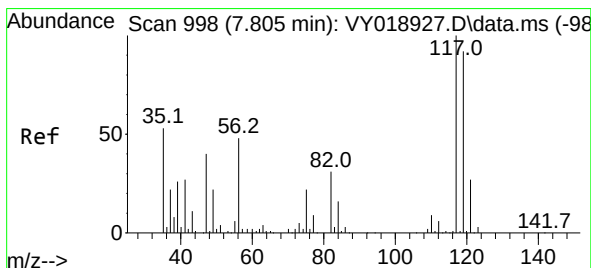
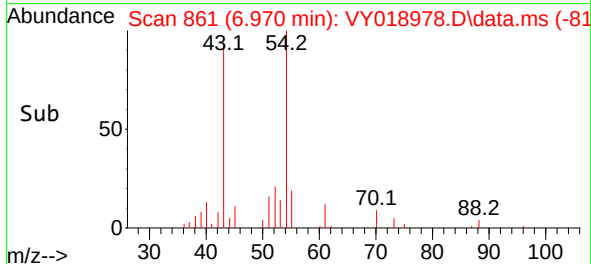
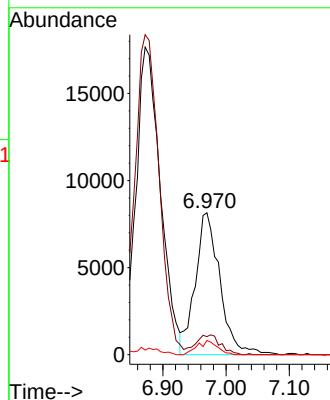
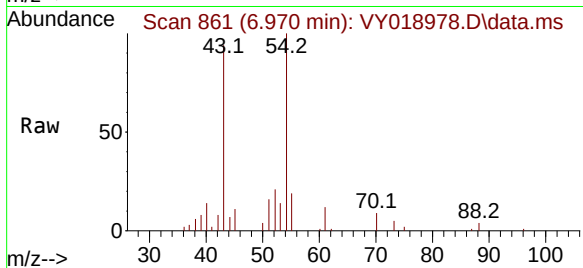
Tgt Ion: 43 Resp: 22087

Ion Ratio Lower Upper

43 100

61 13.5 12.6 19.0

70 8.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.258 ug/l

RT: 7.805 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

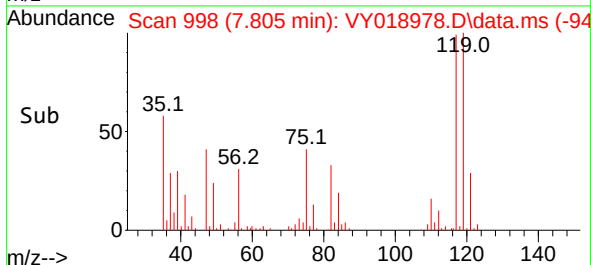
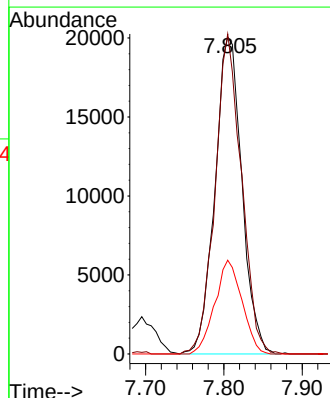
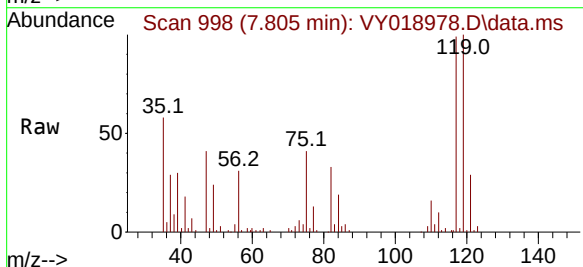
Tgt Ion: 117 Resp: 47908

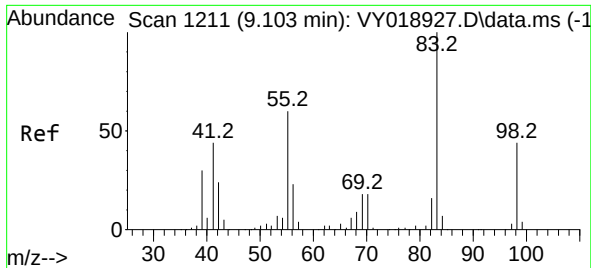
Ion Ratio Lower Upper

117 100

119 101.0 75.8 113.6

121 29.6 24.0 36.0

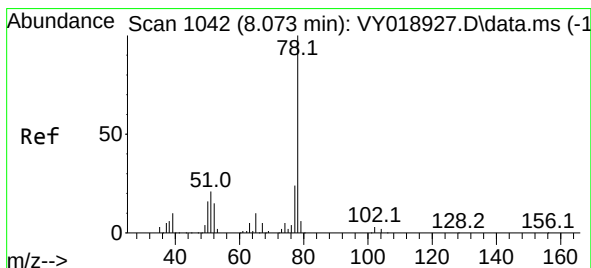
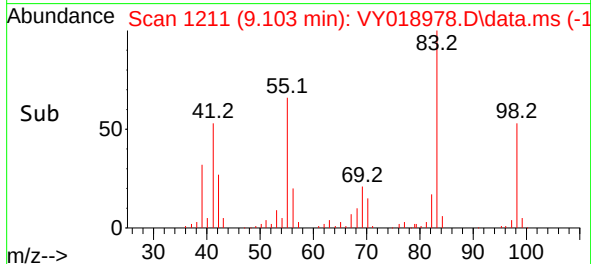
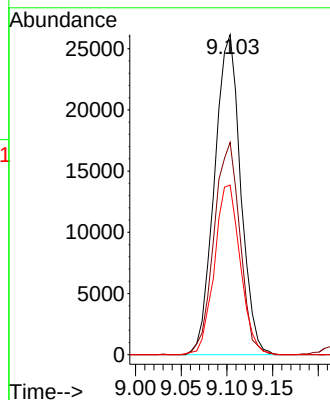
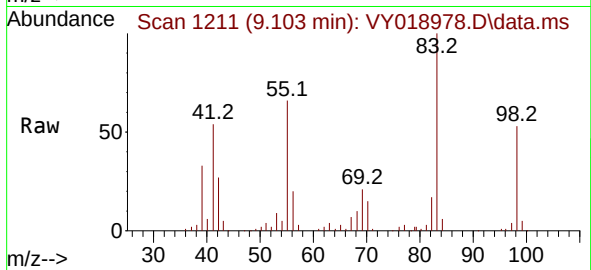




#39
Methylcyclohexane
Concen: 49.267 ug/l
RT: 9.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

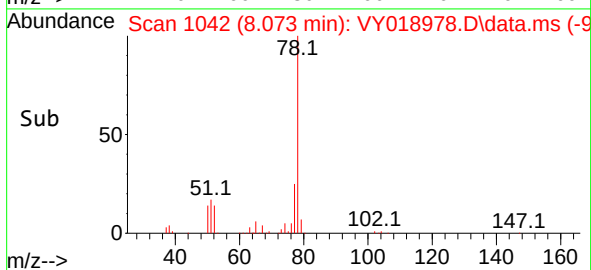
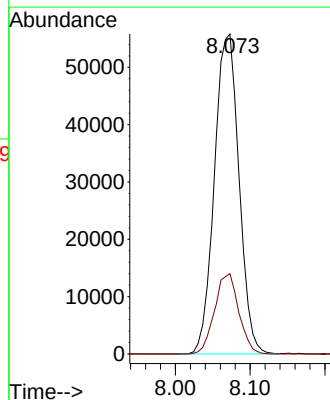
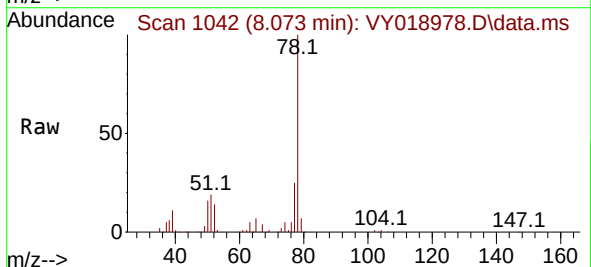
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

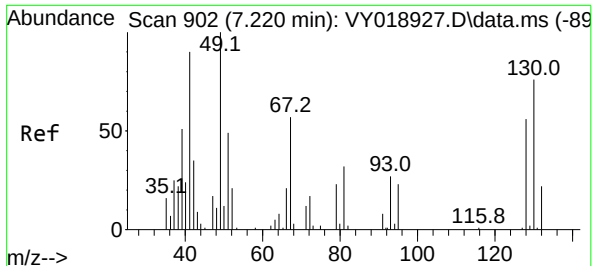
Tgt Ion: 83 Resp: 52028
Ion Ratio Lower Upper
83 100
55 66.4 51.5 77.3
98 53.0 40.5 60.7



#40
Benzene
Concen: 54.861 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 78 Resp: 127971
Ion Ratio Lower Upper
78 100
77 25.1 19.5 29.3

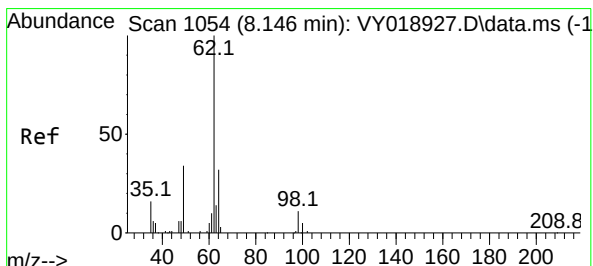
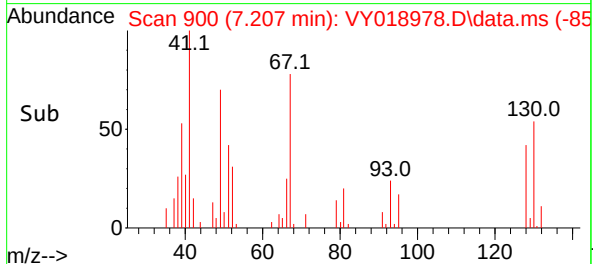
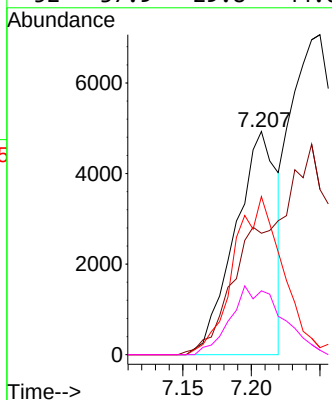
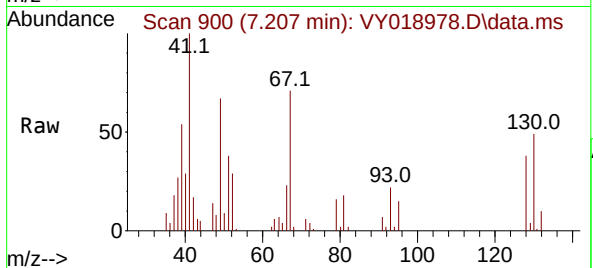




#41
Methacrylonitrile
Concen: 65.753 ug/l
RT: 7.207 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

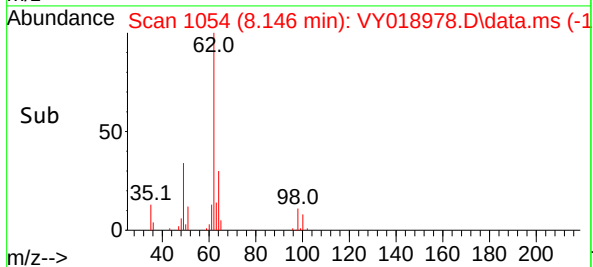
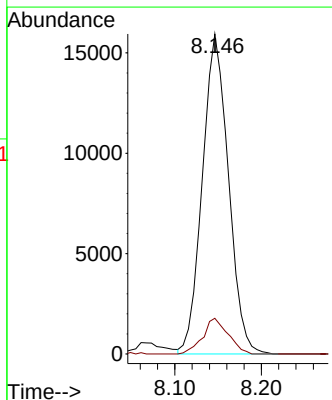
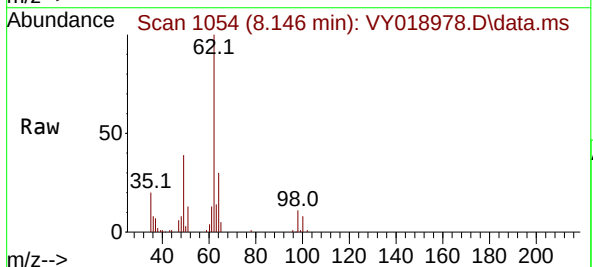
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

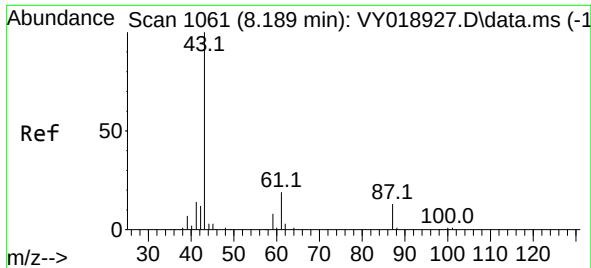
Tgt Ion: 41 Resp: 10487
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 84.8 75.1 112.7
52 37.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 57.468 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 62 Resp: 33372
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

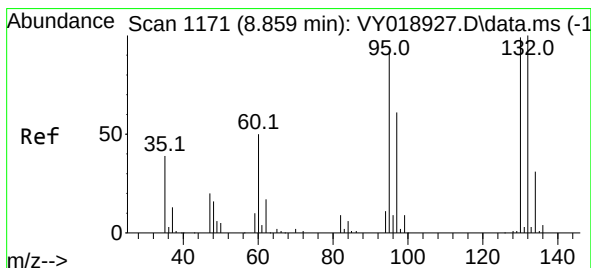
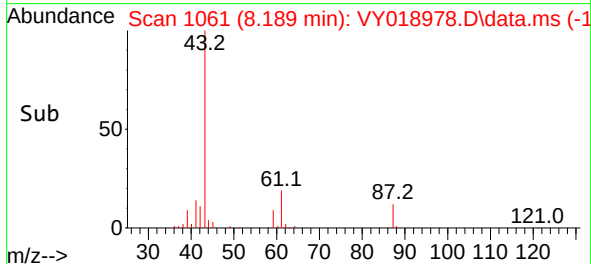
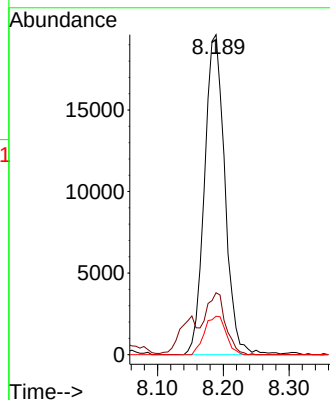
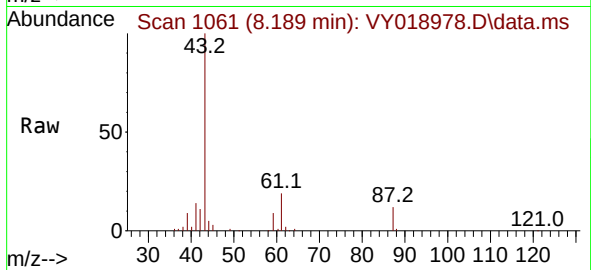




#43
Isopropyl Acetate
Concen: 57.960 ug/l
RT: 8.189 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

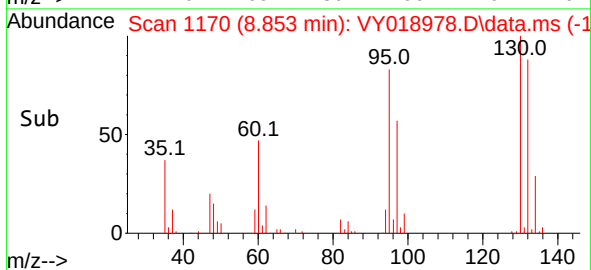
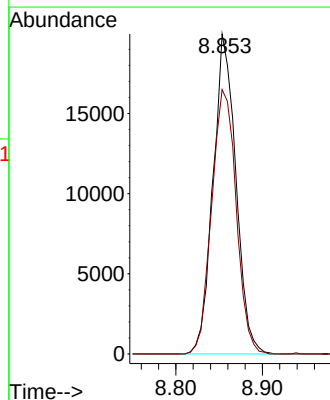
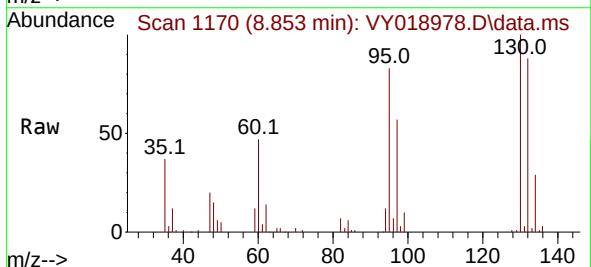
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

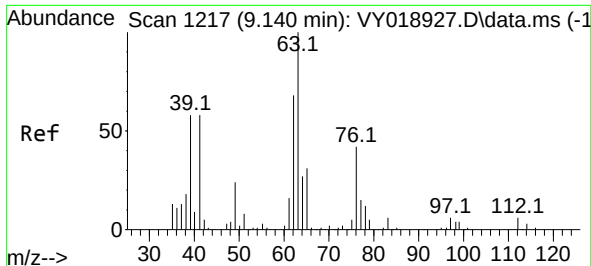
Tgt Ion: 43 Resp: 42269
Ion Ratio Lower Upper
43 100
61 18.3 27.9 41.9#
87 12.7 13.1 19.7#



#44
Trichloroethene
Concen: 54.789 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion:130 Resp: 36430
Ion Ratio Lower Upper
130 100
95 82.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 53.225 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

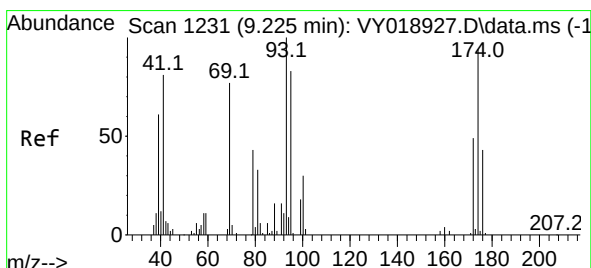
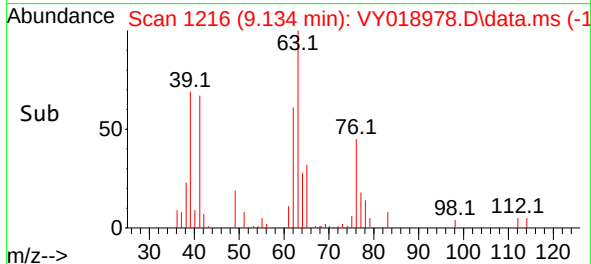
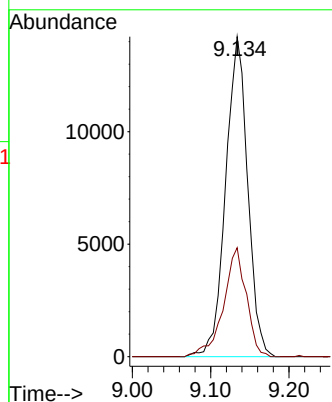
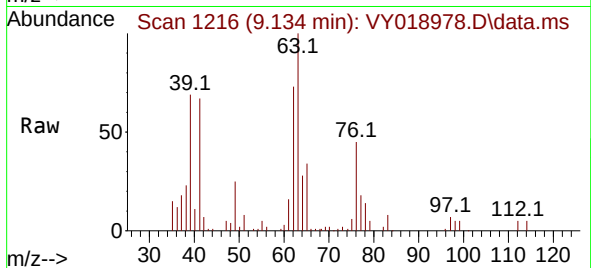
VSTDCCC050EC

Tgt Ion: 63 Resp: 27781

Ion Ratio Lower Upper

63 100

65 34.1 25.4 38.2



#46

Dibromomethane

Concen: 60.681 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

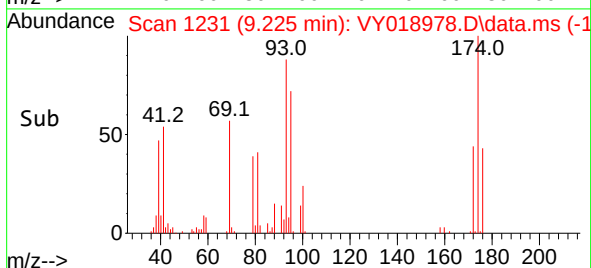
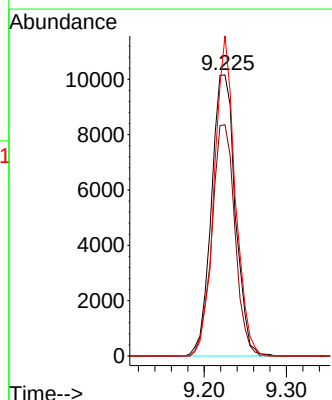
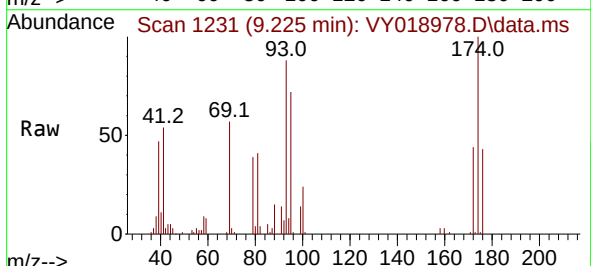
Tgt Ion: 93 Resp: 20465

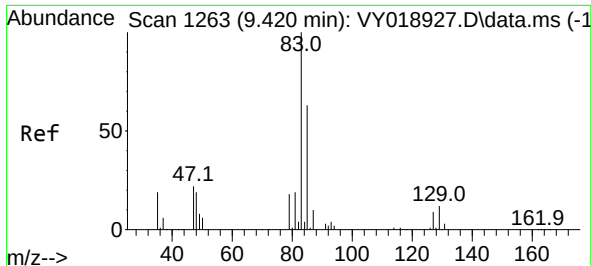
Ion Ratio Lower Upper

93 100

95 79.4 66.2 99.4

174 99.8 80.9 121.3

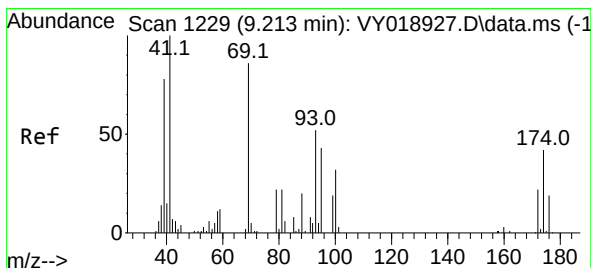
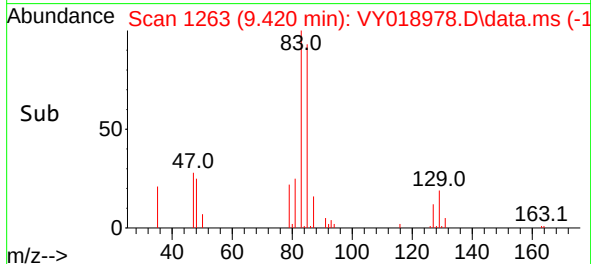
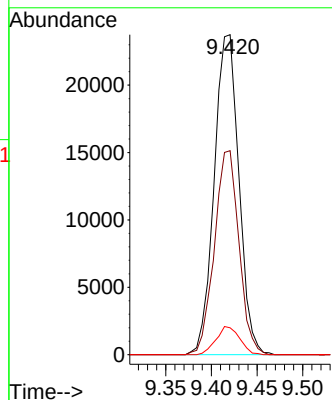
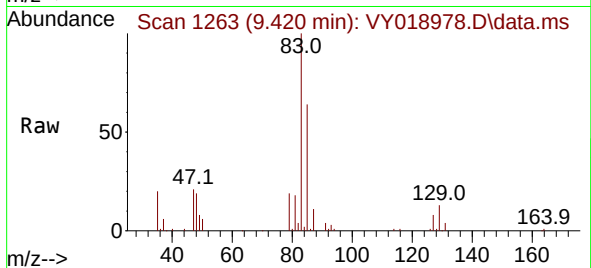




#47
Bromodichloromethane
Concen: 56.541 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

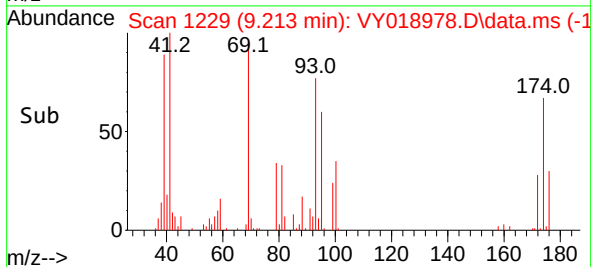
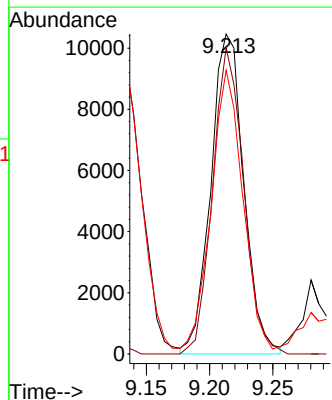
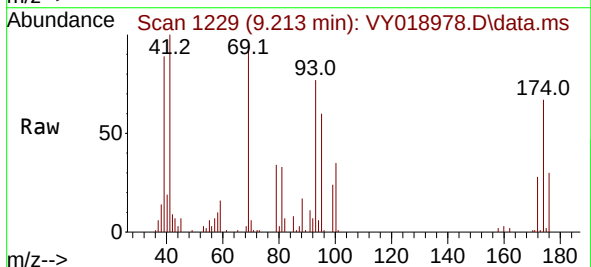
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

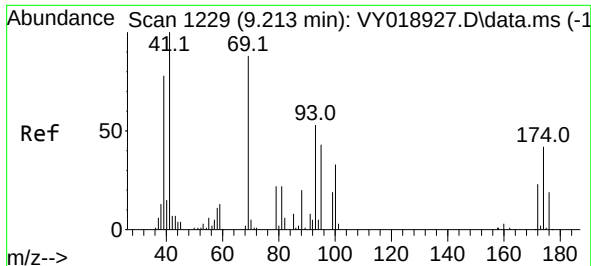
Tgt Ion: 83 Resp: 44623
Ion Ratio Lower Upper
83 100
85 63.7 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 59.512 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 41 Resp: 18960
Ion Ratio Lower Upper
41 100
69 90.1 84.1 126.1
39 82.4 43.6 65.4#





#49

1,4-Dioxane

Concen: 1173.306 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

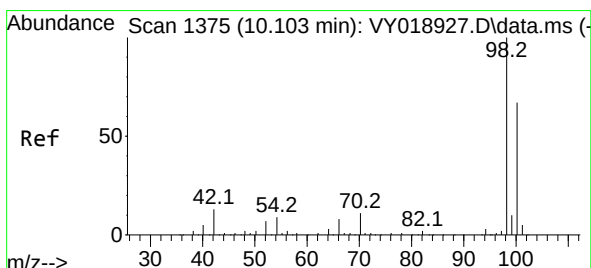
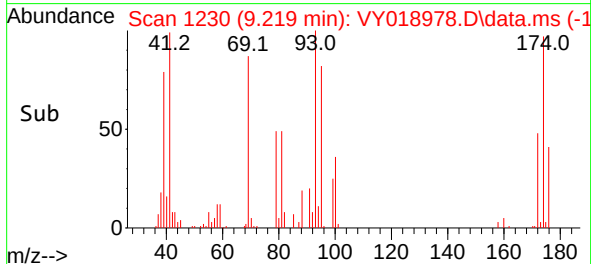
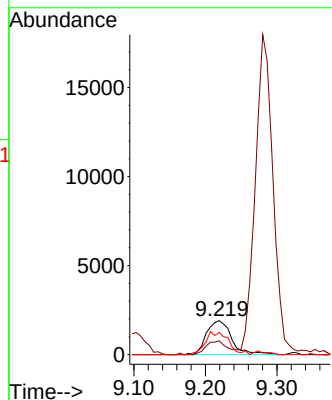
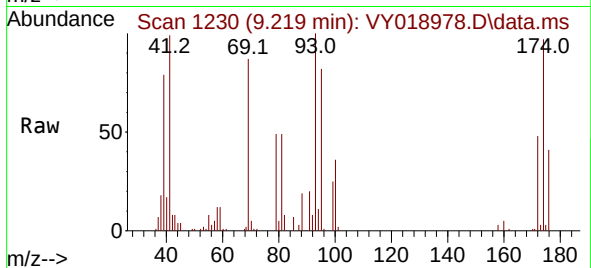
Tgt Ion: 88 Resp: 4675

Ion Ratio Lower Upper

88 100

43 34.7 0.0 0.0#

58 61.8 49.3 73.9



#50

Toluene-d8

Concen: 53.395 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY018978.D

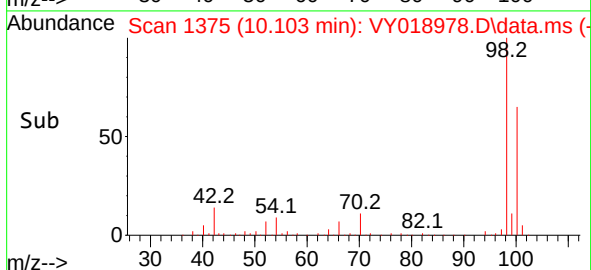
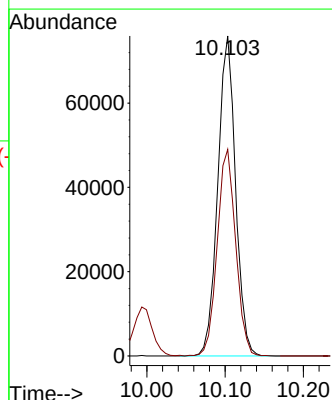
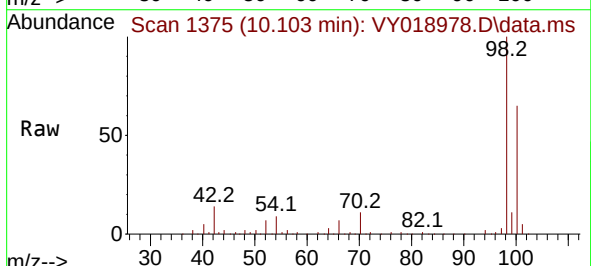
Acq: 09 Aug 2024 19:44

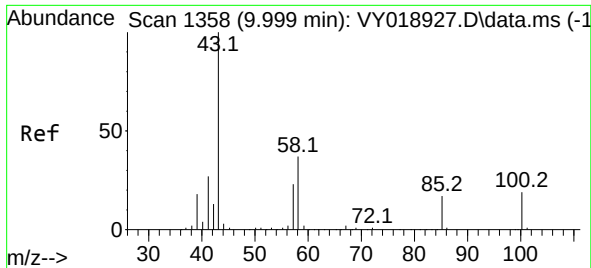
Tgt Ion: 98 Resp: 119867

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0

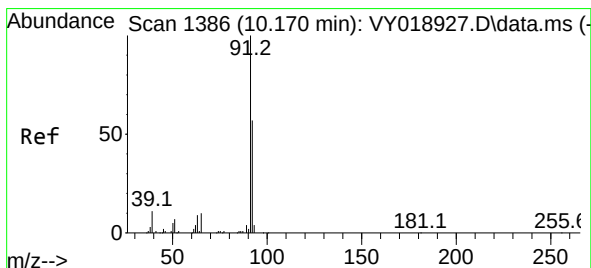
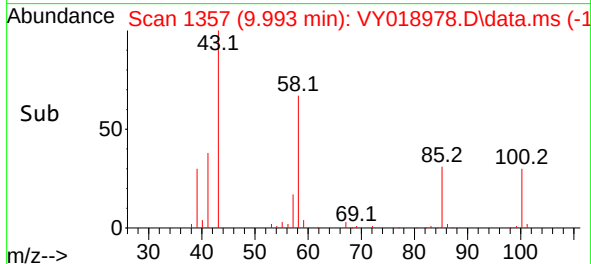
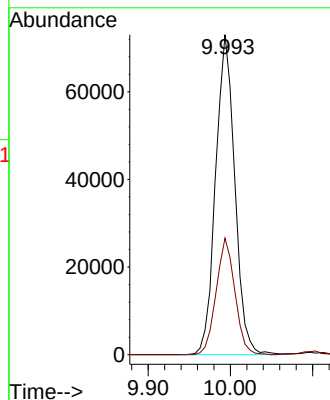
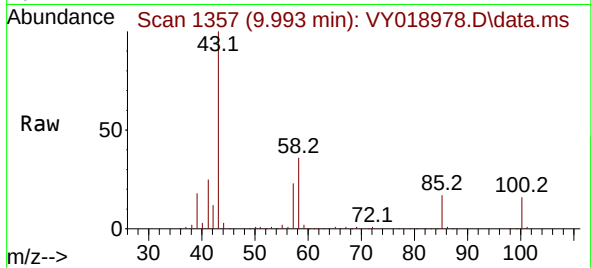




#51
4-Methyl-2-Pentanone
Concen: 315.082 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

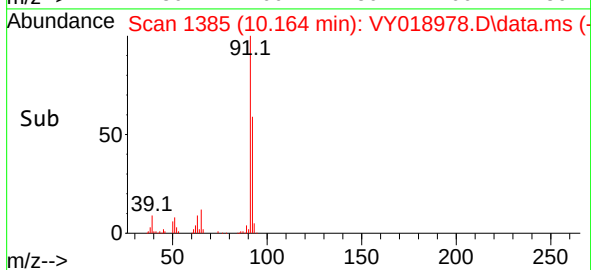
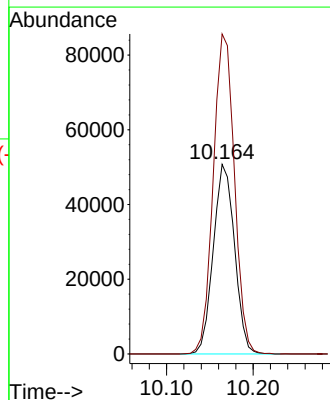
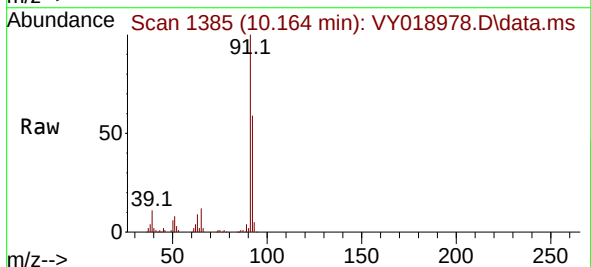
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

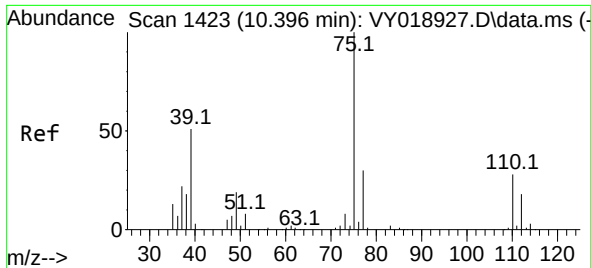
Tgt Ion: 43 Resp: 118506
Ion Ratio Lower Upper
43 100
58 35.5 35.7 53.5#



#52
Toluene
Concen: 55.888 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 92 Resp: 86599
Ion Ratio Lower Upper
92 100
91 168.0 139.0 208.6

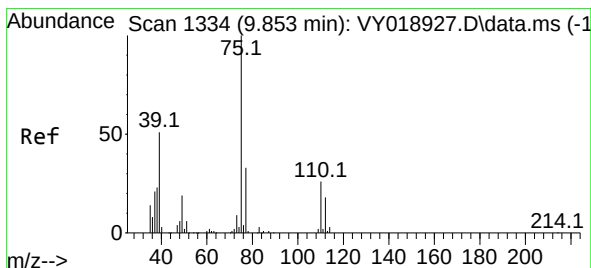
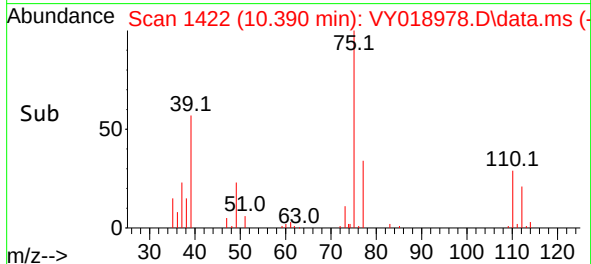
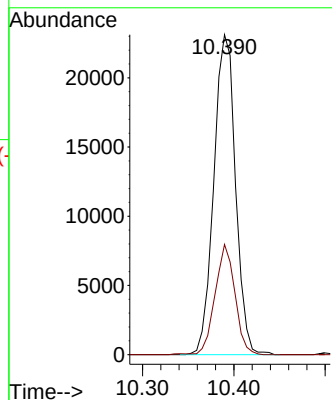
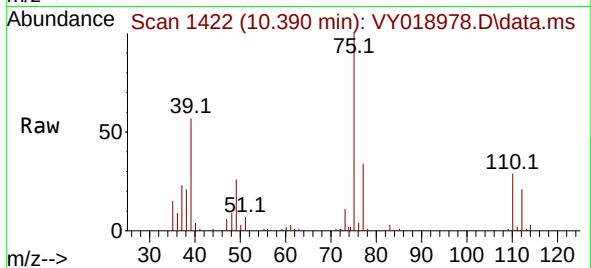




#53
t-1,3-Dichloropropene
Concen: 54.133 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

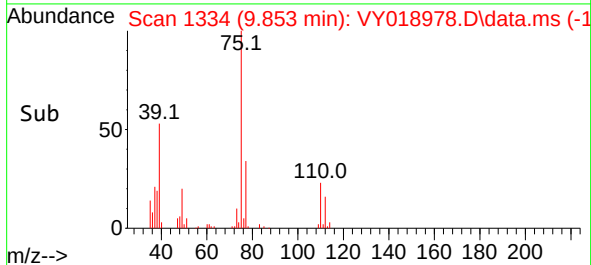
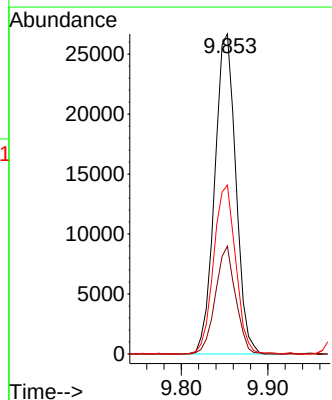
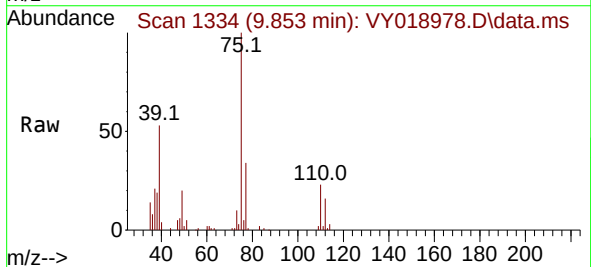
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

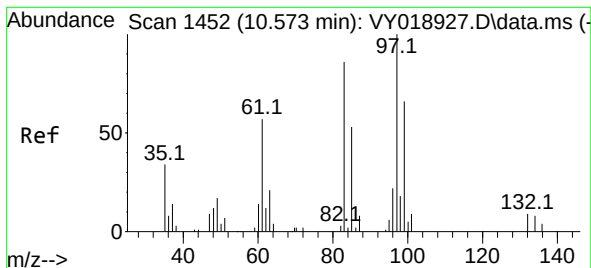
Tgt Ion: 75 Resp: 38099
Ion Ratio Lower Upper
75 100
77 34.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 54.119 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 75 Resp: 45244
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.0
39 52.8 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 57.941 ug/l

RT: 10.567 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 23997

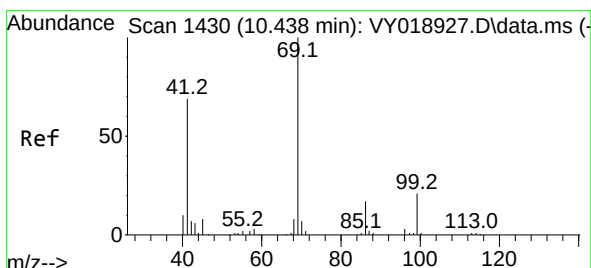
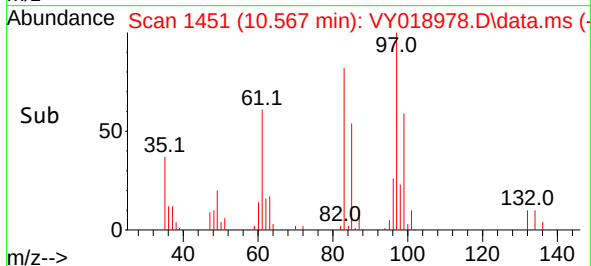
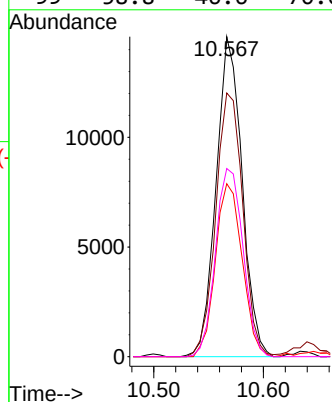
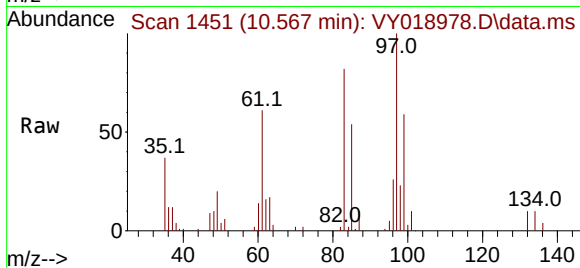
Ion Ratio Lower Upper

97 100

83 82.4 67.5 101.3

85 54.0 42.9 64.3

99 58.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 56.017 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

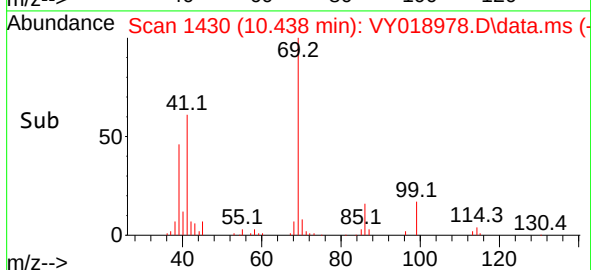
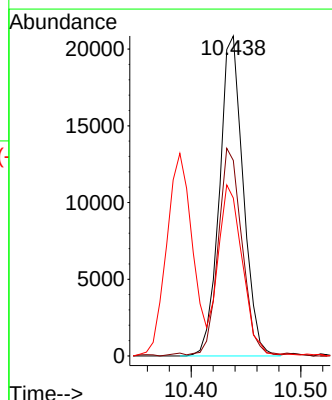
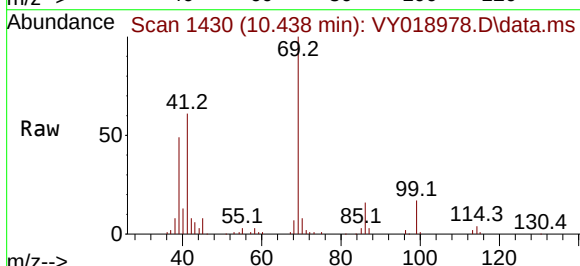
Tgt Ion: 69 Resp: 31413

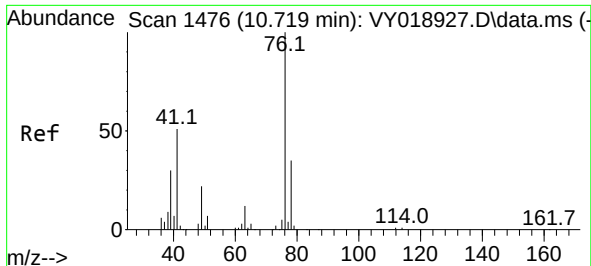
Ion Ratio Lower Upper

69 100

41 63.9 42.3 63.5#

39 54.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 58.246 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

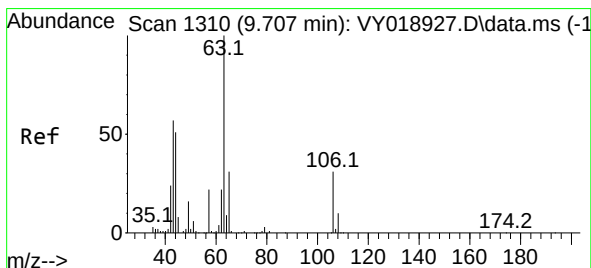
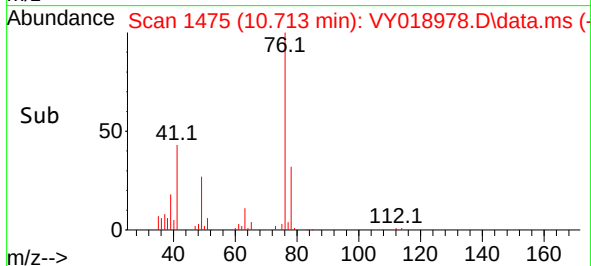
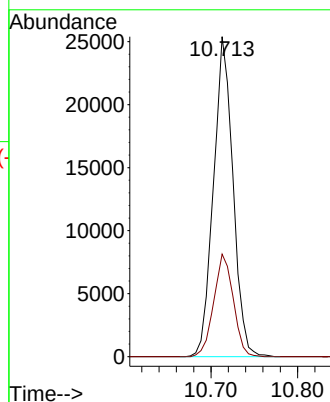
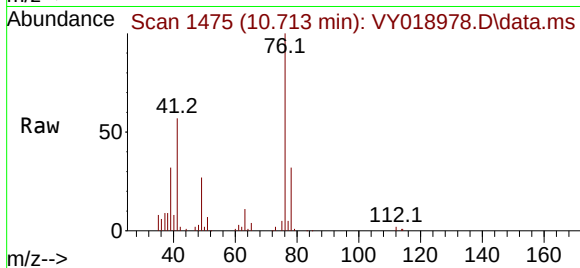
VSTDCCC050EC

Tgt Ion: 76 Resp: 39719

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 291.840 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY018978.D

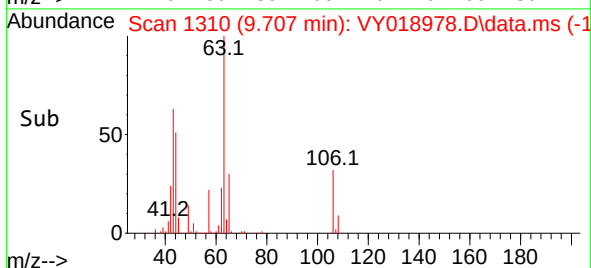
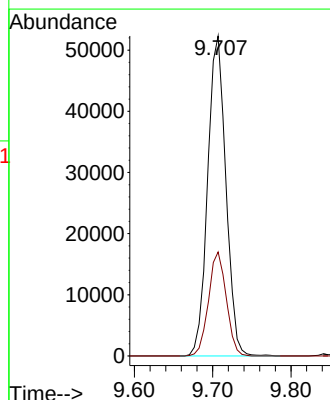
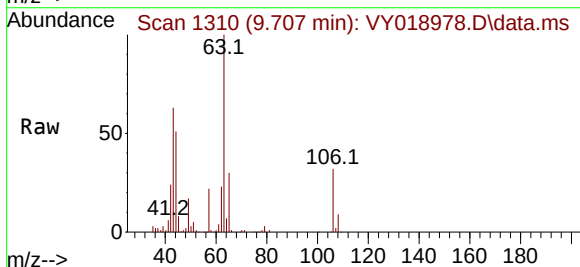
Acq: 09 Aug 2024 19:44

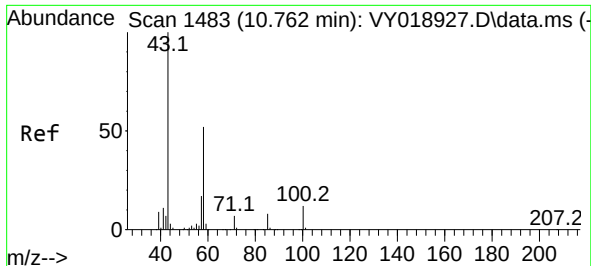
Tgt Ion: 63 Resp: 84371

Ion Ratio Lower Upper

63 100

106 31.6 23.7 35.5

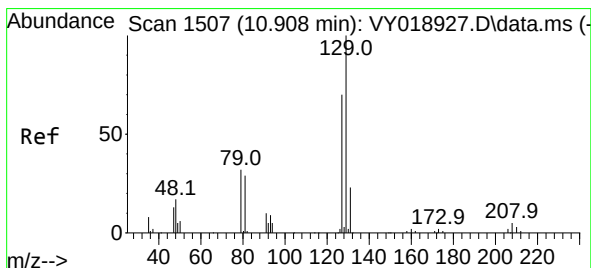
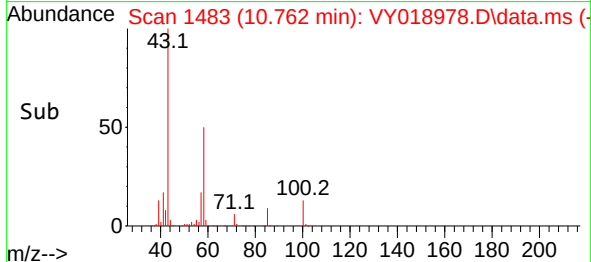
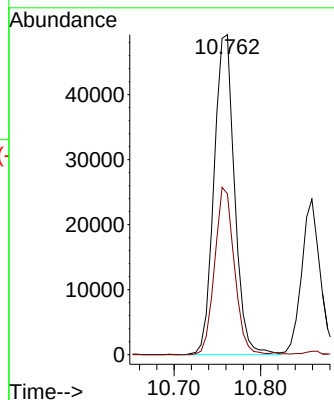
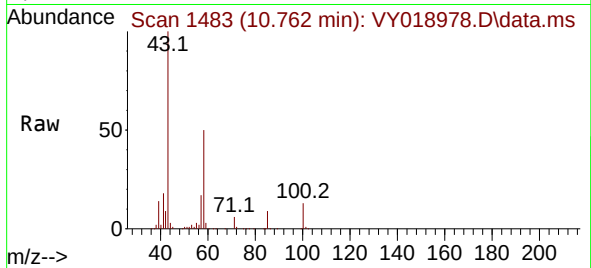




#59
2-Hexanone
Concen: 300.580 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

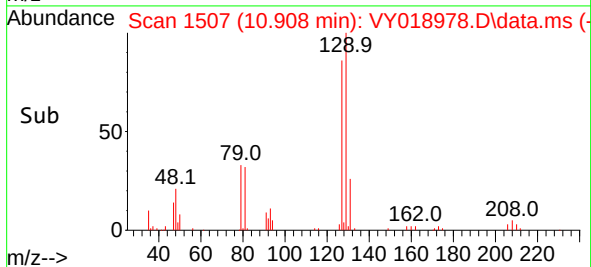
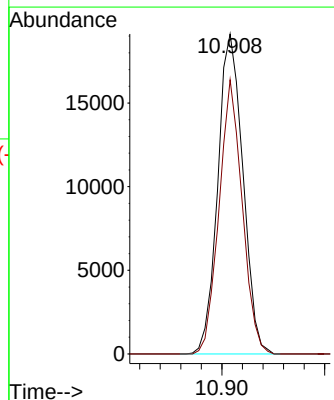
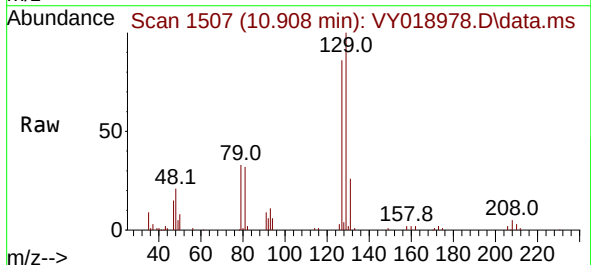
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

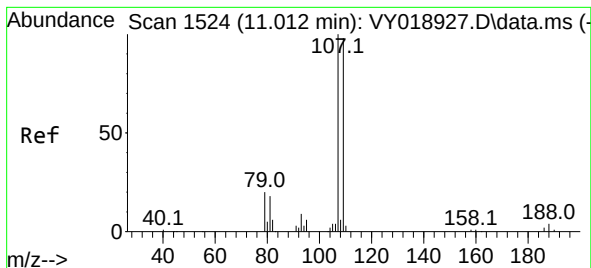
Tgt Ion: 43 Resp: 81096
Ion Ratio Lower Upper
43 100
58 50.2 31.4 94.0



#60
Dibromochloromethane
Concen: 58.323 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion:129 Resp: 32385
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0

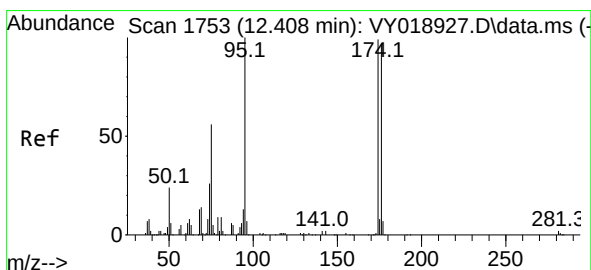
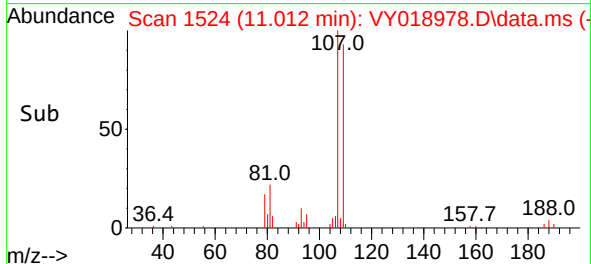
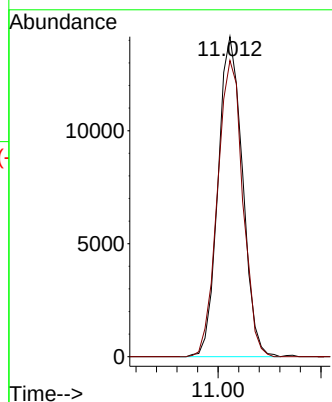
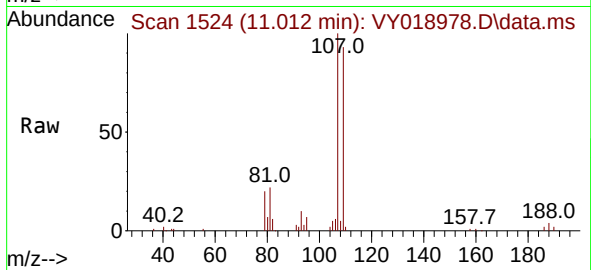




#61
1,2-Dibromoethane
Concen: 58.401 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

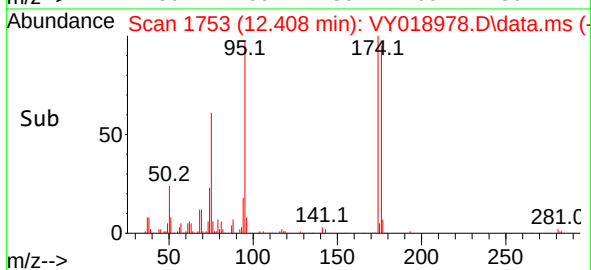
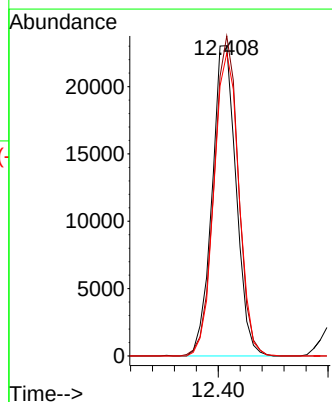
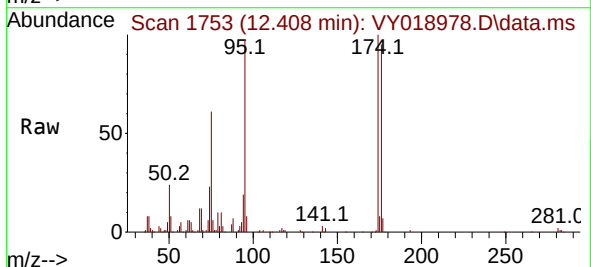
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

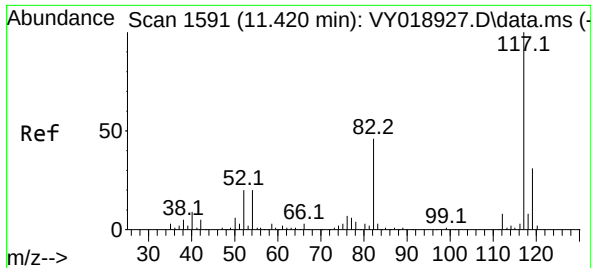
Tgt Ion:107 Resp: 23355
Ion Ratio Lower Upper
107 100
109 96.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.714 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 95 Resp: 35109
Ion Ratio Lower Upper
95 100
174 104.0 0.0 175.6
176 100.7 0.0 171.4

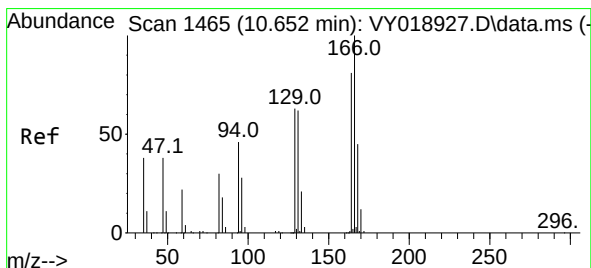
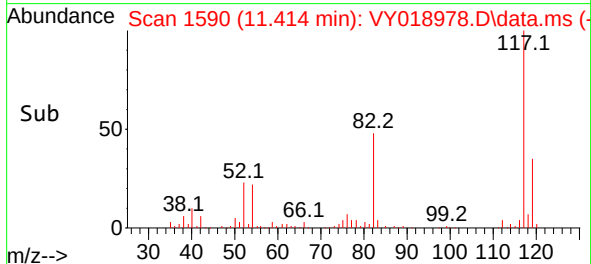
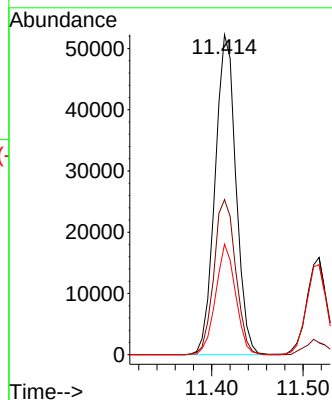
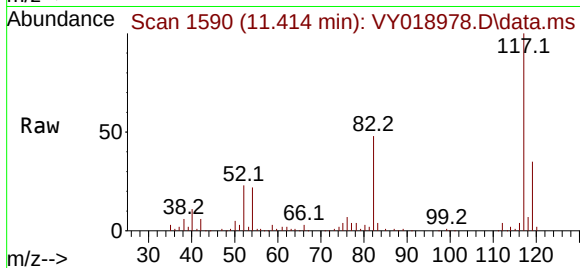




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

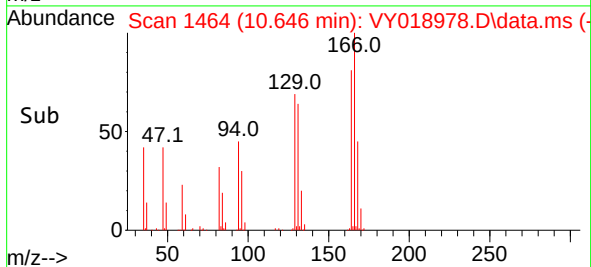
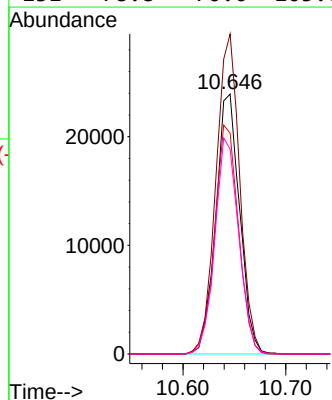
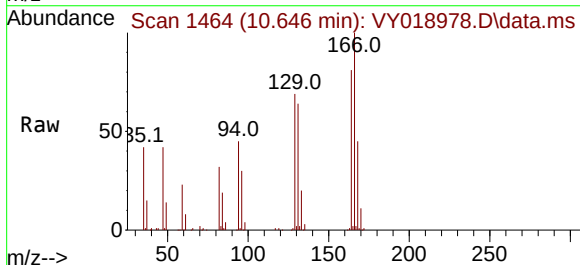
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

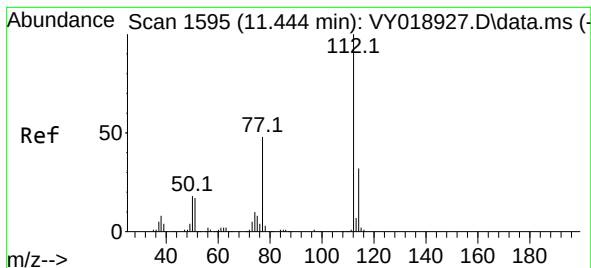
Tgt Ion:117 Resp: 82995
Ion Ratio Lower Upper
117 100
82 48.5 42.4 63.6
119 34.6 25.9 38.9



#64
Tetrachloroethene
Concen: 55.500 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion:164 Resp: 38613
Ion Ratio Lower Upper
164 100
166 123.2 102.6 154.0
129 85.0 72.0 108.0
131 78.8 70.0 105.0

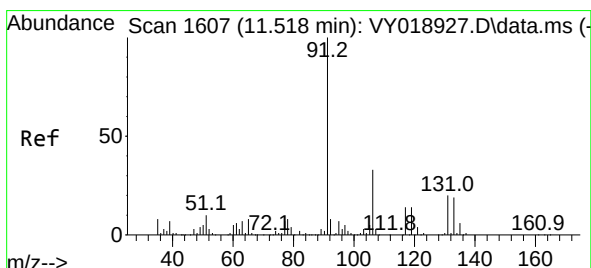
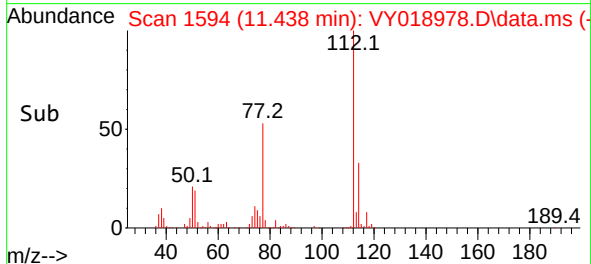
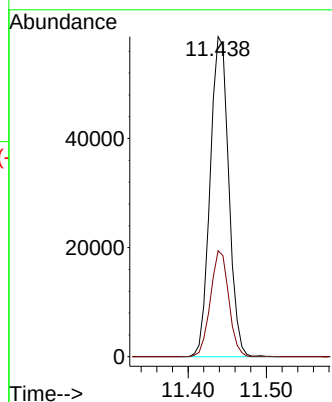
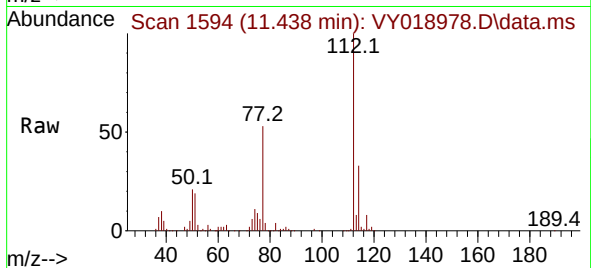




#65
Chlorobenzene
Concen: 52.962 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

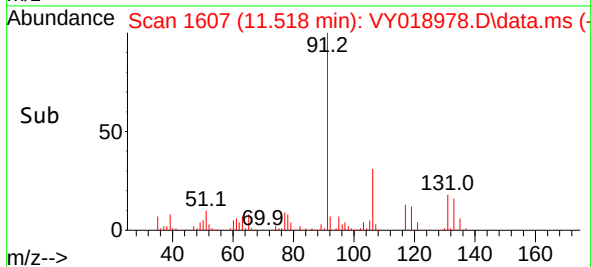
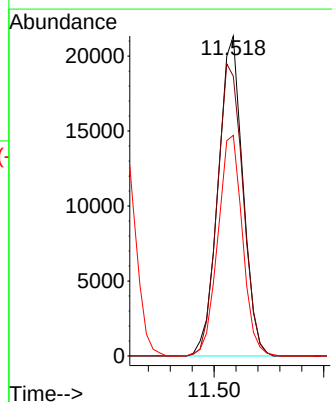
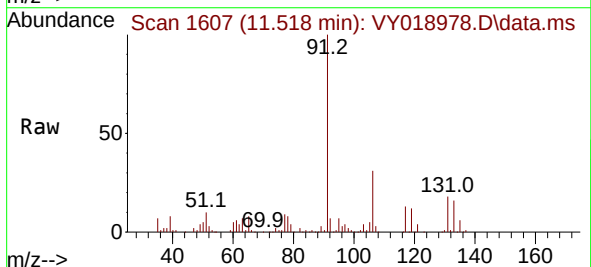
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

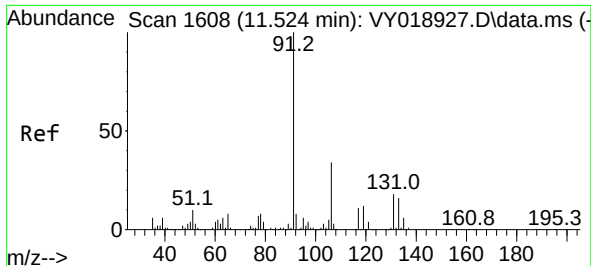
Tgt Ion:112 Resp: 96511
Ion Ratio Lower Upper
112 100
114 33.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.484 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion:131 Resp: 33452
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 68.6 34.1 102.2





#67

Ethyl Benzene

Concen: 53.379 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

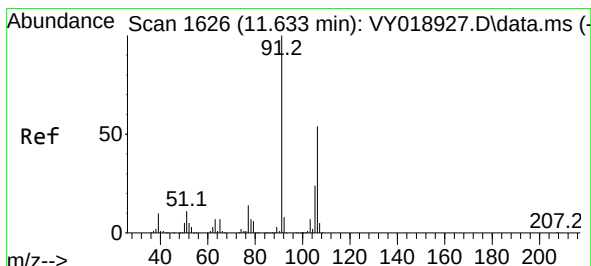
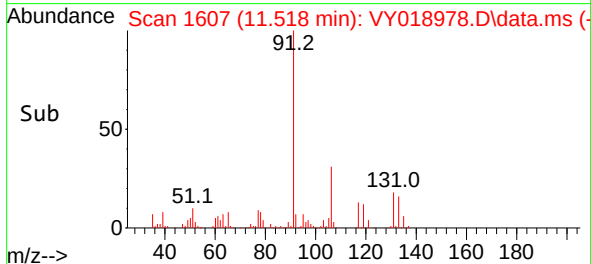
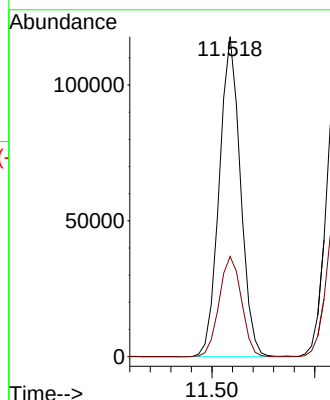
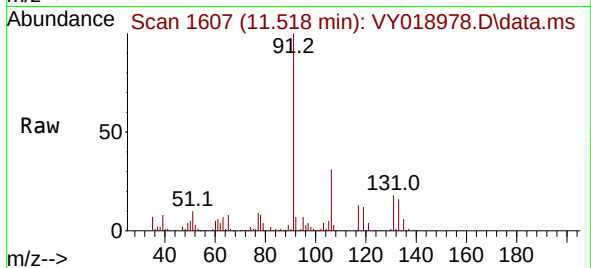
VSTDCCC050EC

Tgt Ion: 91 Resp: 168409

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 107.360 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY018978.D

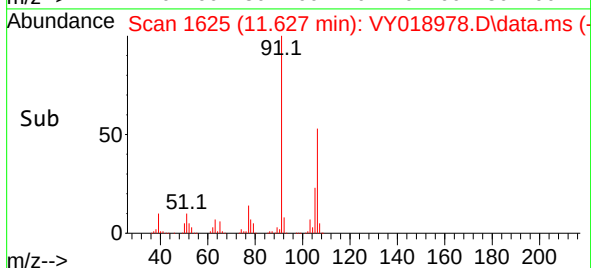
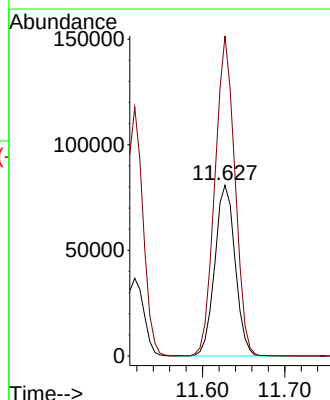
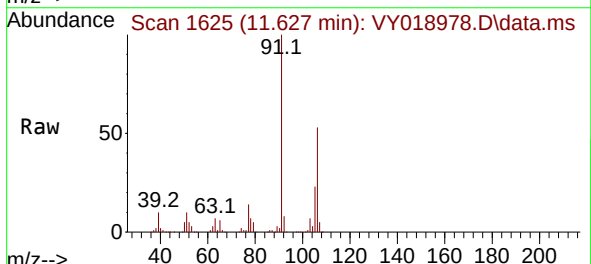
Acq: 09 Aug 2024 19:44

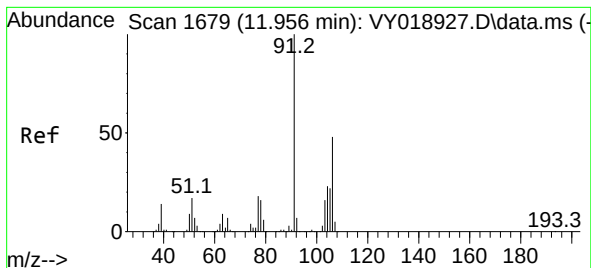
Tgt Ion:106 Resp: 138891

Ion Ratio Lower Upper

106 100

91 184.6 156.0 234.0





#69

o-Xylene

Concen: 54.722 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

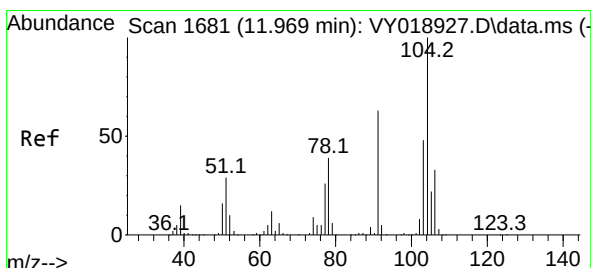
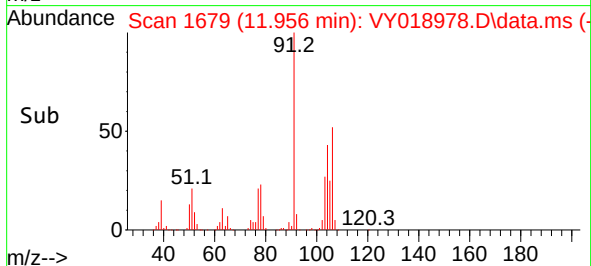
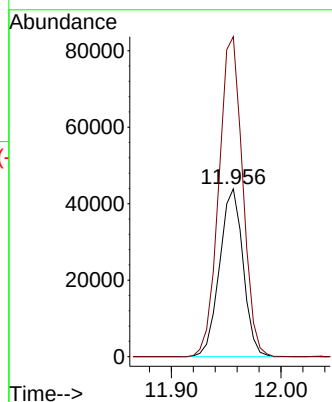
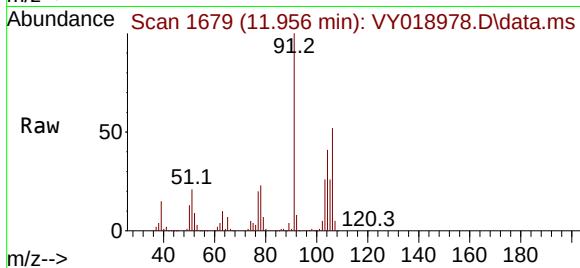
VSTDCCC050EC

Tgt Ion:106 Resp: 65338

Ion Ratio Lower Upper

106 100

91 193.5 103.6 310.8



#70

Styrene

Concen: 55.641 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

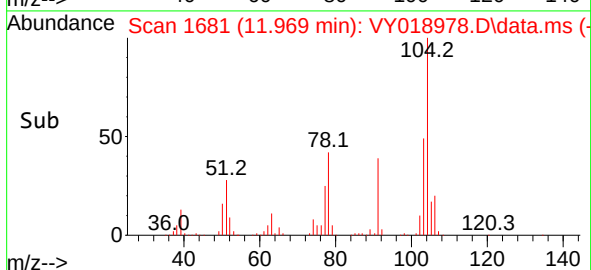
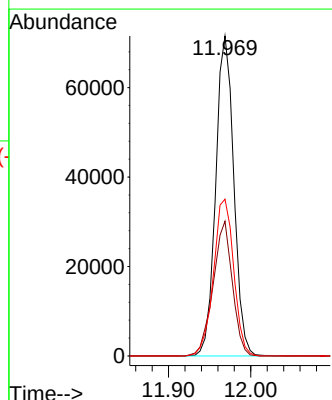
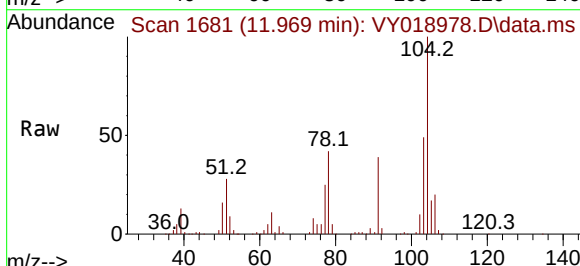
Tgt Ion:104 Resp: 109427

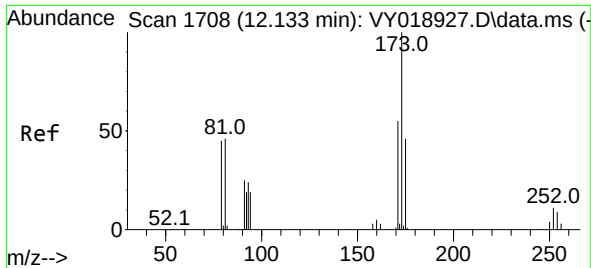
Ion Ratio Lower Upper

104 100

78 44.9 37.0 55.4

103 54.7 44.2 66.2

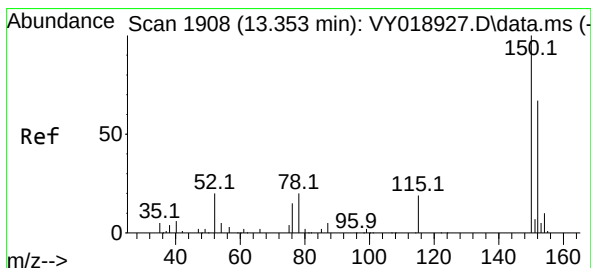
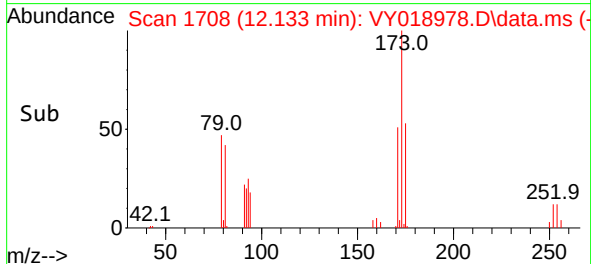
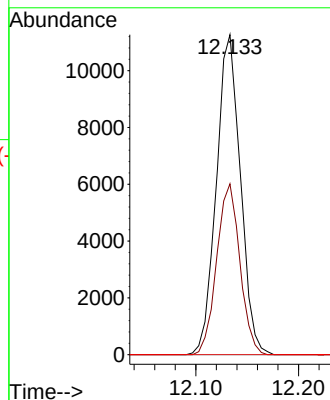
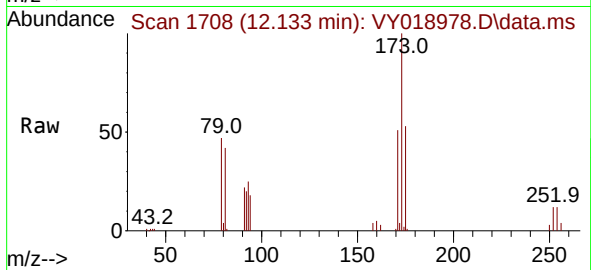




#71
Bromoform
Concen: 55.158 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

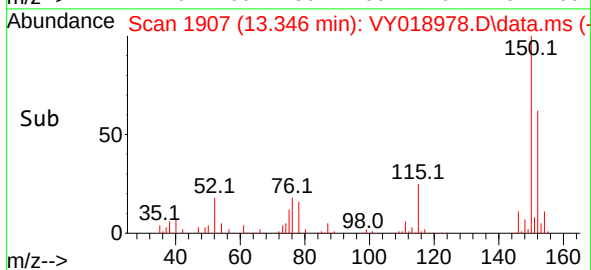
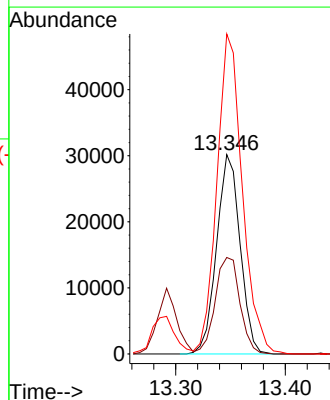
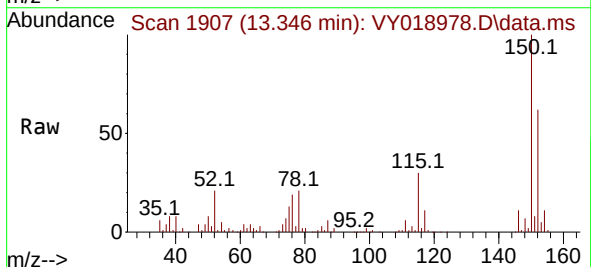
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

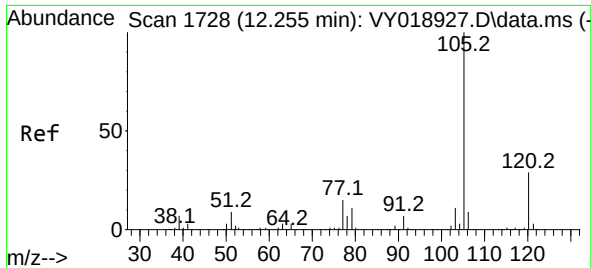
Tgt Ion:173 Resp: 18282
Ion Ratio Lower Upper
173 100
175 51.5 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion:152 Resp: 44943
Ion Ratio Lower Upper
152 100
115 51.1 28.2 84.7
150 173.8 0.0 345.6

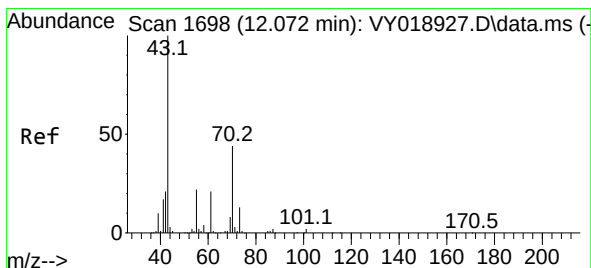
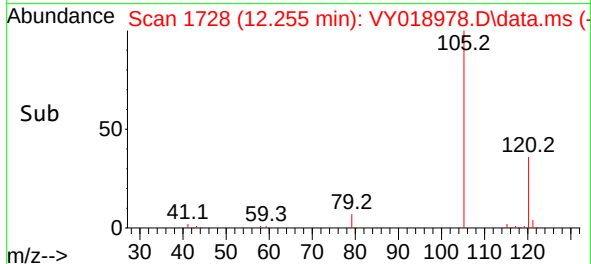
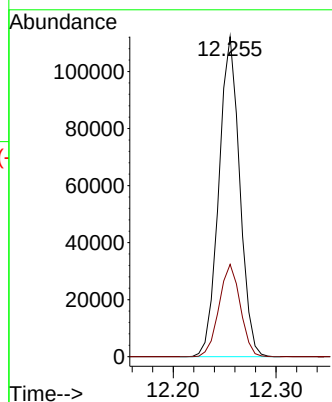
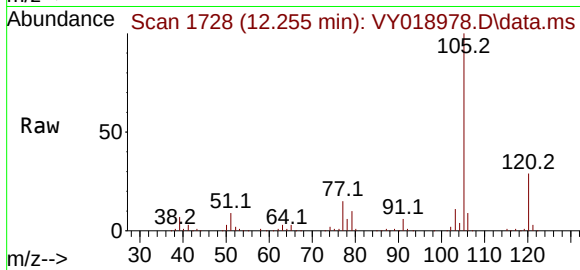




#73
Isopropylbenzene
Concen: 48.379 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

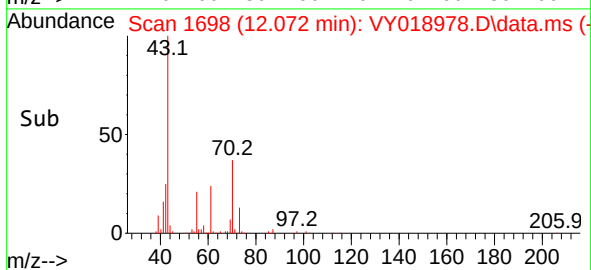
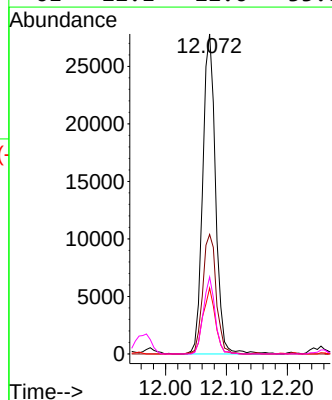
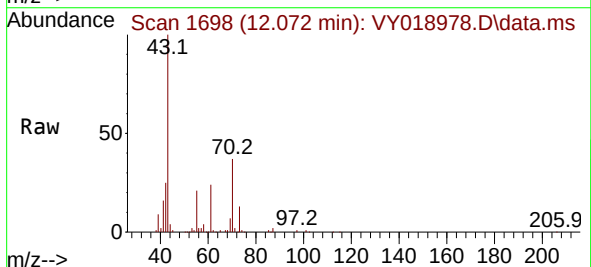
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

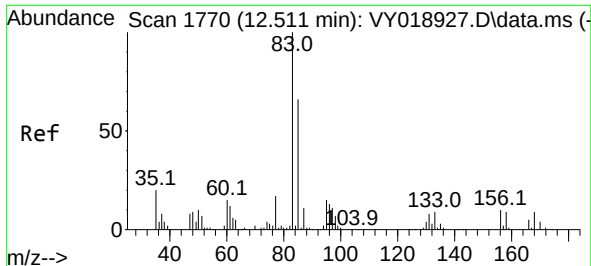
Tgt Ion:105 Resp: 157827
Ion Ratio Lower Upper
105 100
120 29.4 13.4 40.1



#74
N-ethyl acetate
Concen: 54.154 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 43 Resp: 40767
Ion Ratio Lower Upper
43 100
70 39.4 41.4 62.2#
55 19.8 23.3 34.9#
61 22.1 22.6 33.8#

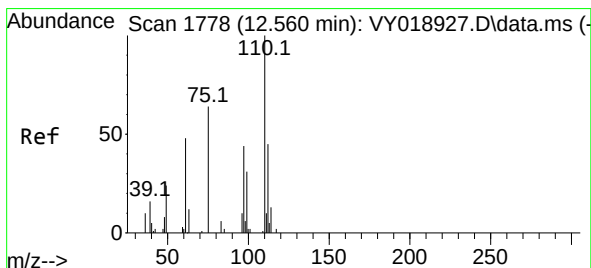
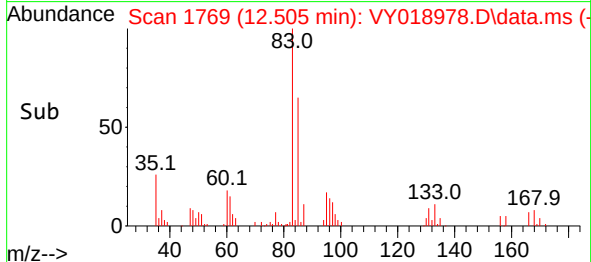
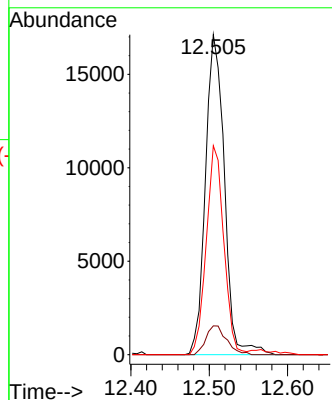
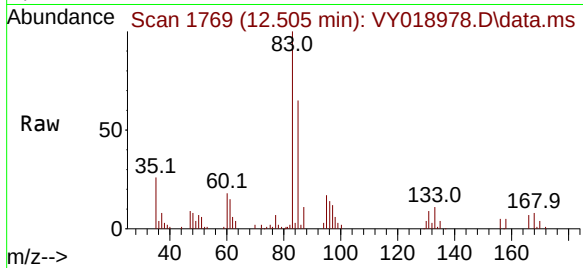




#75
1,1,2,2-Tetrachloroethane
Concen: 54.473 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

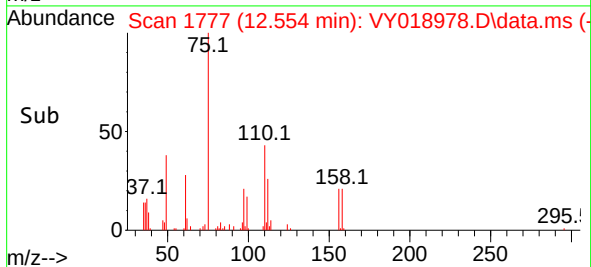
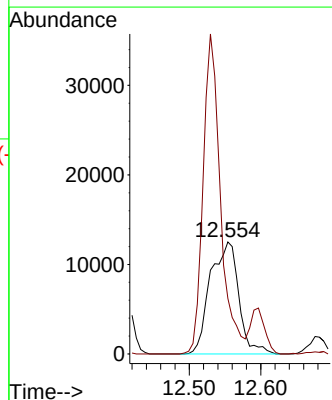
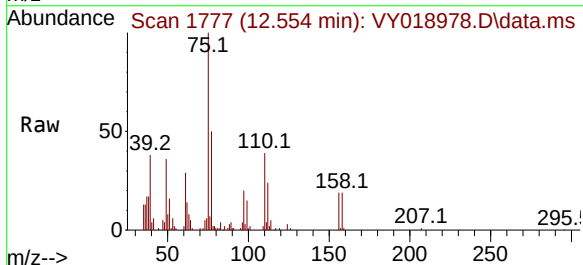
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

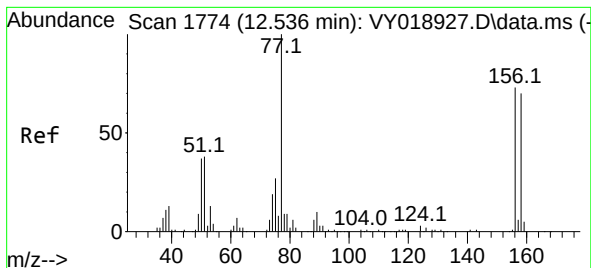
Tgt Ion: 83 Resp: 28678
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 60.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 103.313 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 75 Resp: 34591
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.252 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

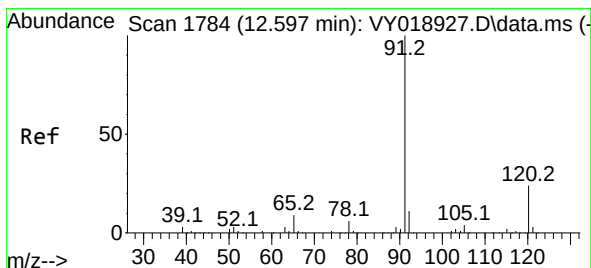
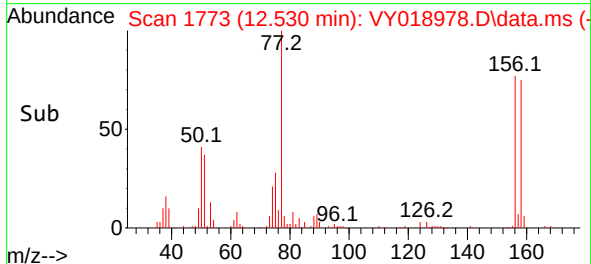
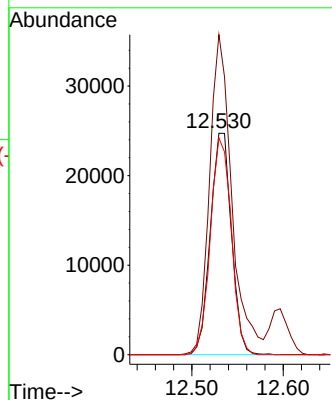
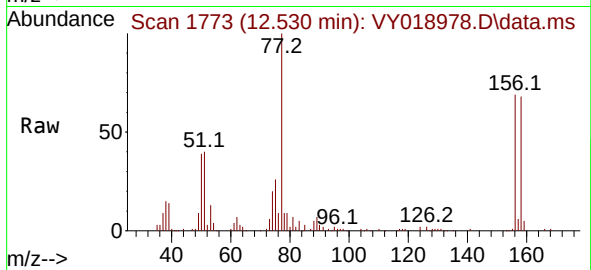
Tgt Ion:156 Resp: 39710

Ion Ratio Lower Upper

156 100

77 152.6 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 48.139 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY018978.D

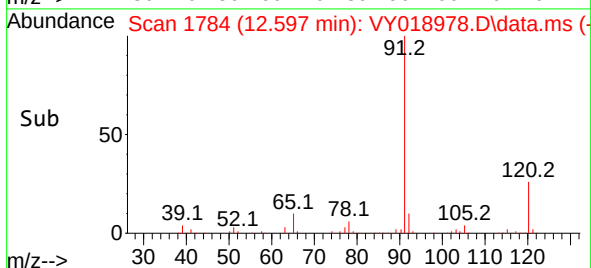
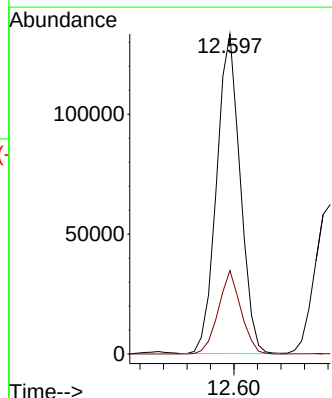
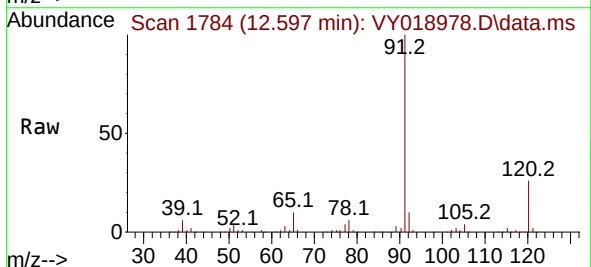
Acq: 09 Aug 2024 19:44

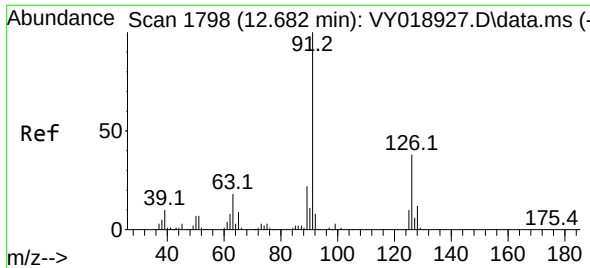
Tgt Ion: 91 Resp: 185874

Ion Ratio Lower Upper

91 100

120 24.9 11.5 34.4

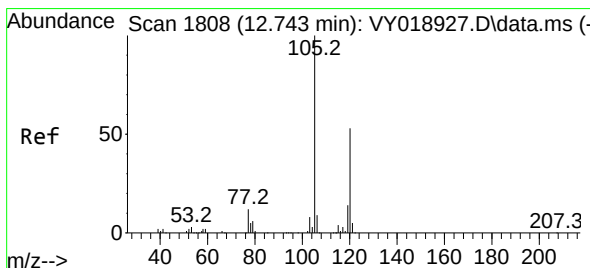
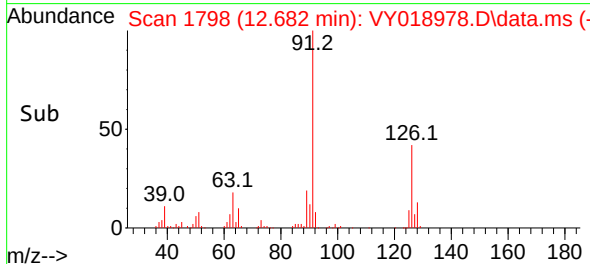
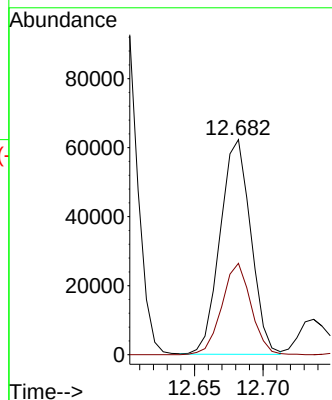
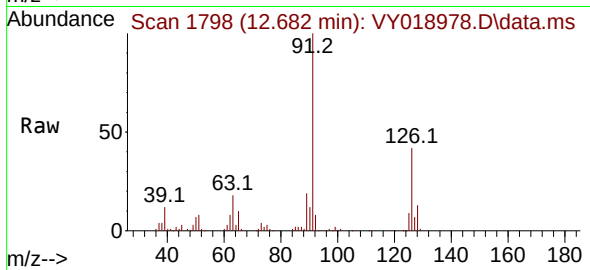




#79
2-Chlorotoluene
Concen: 48.545 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

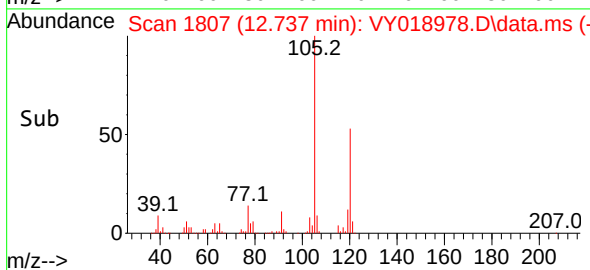
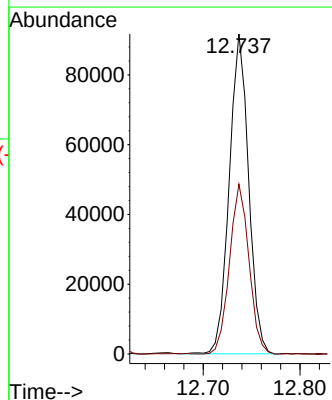
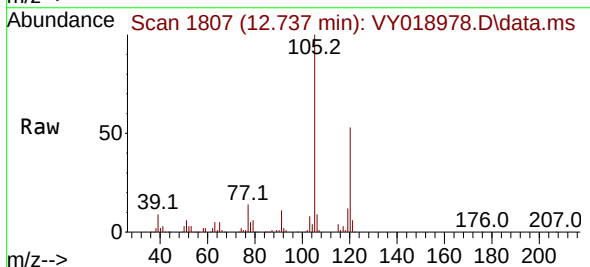
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

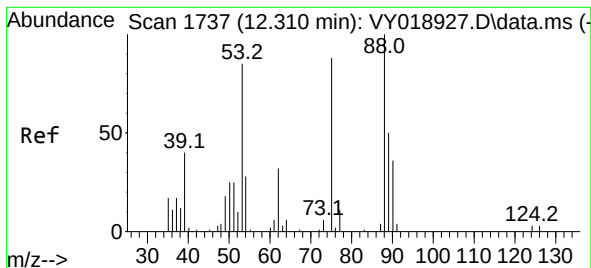
Tgt Ion: 91 Resp: 97039
Ion Ratio Lower Upper
91 100
126 40.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 49.644 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 105 Resp: 126918
Ion Ratio Lower Upper
105 100
120 53.4 25.1 75.2

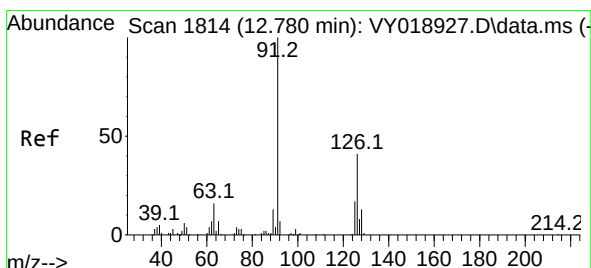
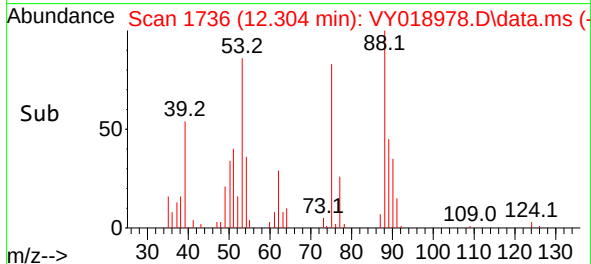
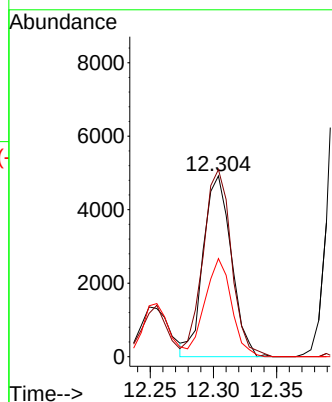
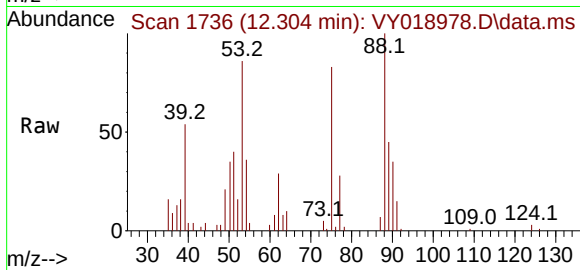




#81
trans-1,4-Dichloro-2-butene
Concen: 46.841 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

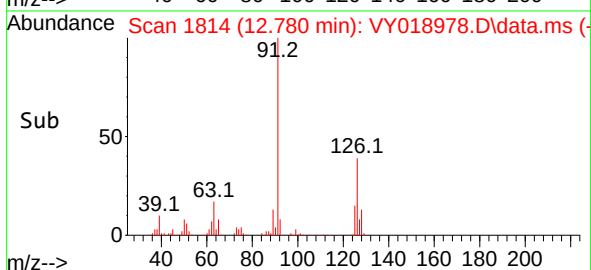
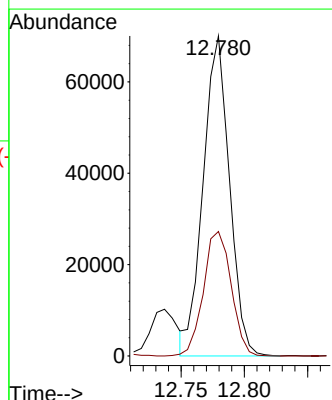
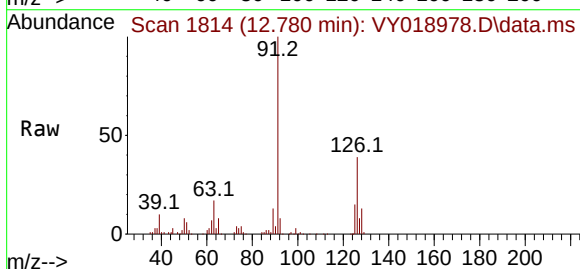
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

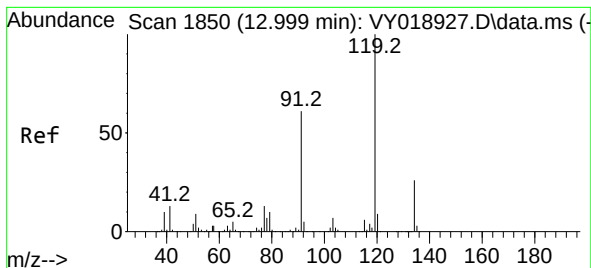
Tgt Ion: 75 Resp: 7611
Ion Ratio Lower Upper
75 100
53 104.7 66.8 100.2#
89 51.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.524 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 91 Resp: 101353
Ion Ratio Lower Upper
91 100
126 41.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 49.556 ug/l

RT: 12.999 min Scan# 1196

Delta R.T. 0.000 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

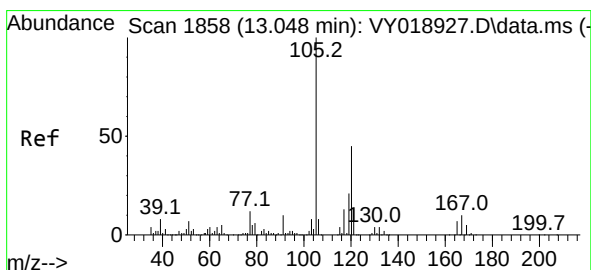
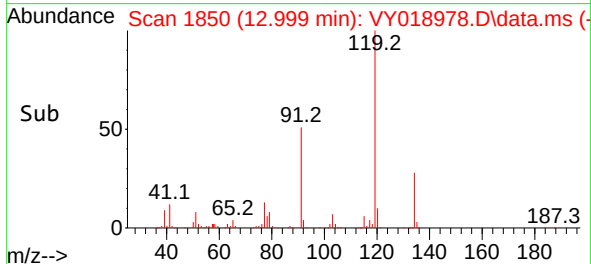
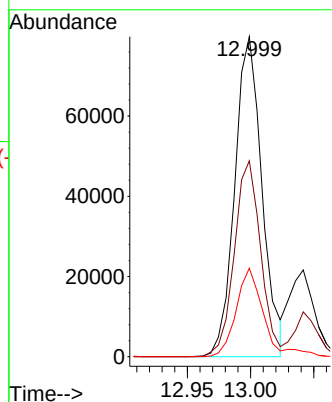
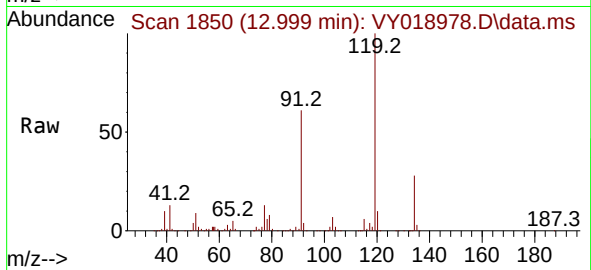
Tgt Ion:119 Resp: 119666

Ion Ratio Lower Upper

119 100

91 59.1 31.3 93.8

134 27.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.934 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY018978.D

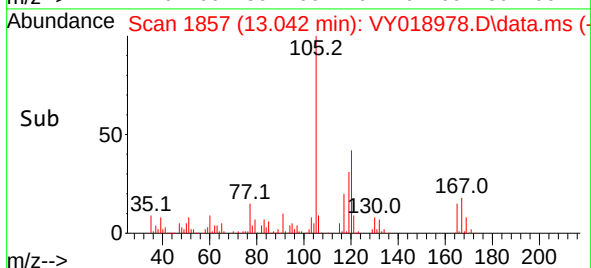
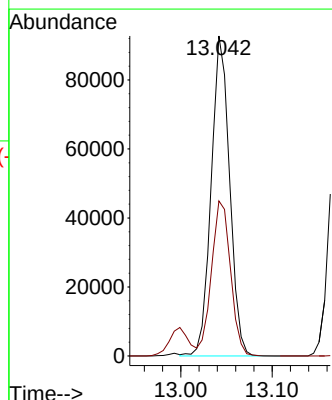
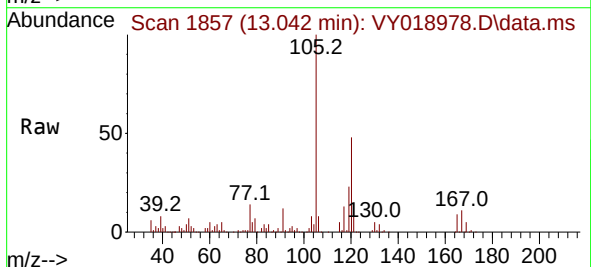
Acq: 09 Aug 2024 19:44

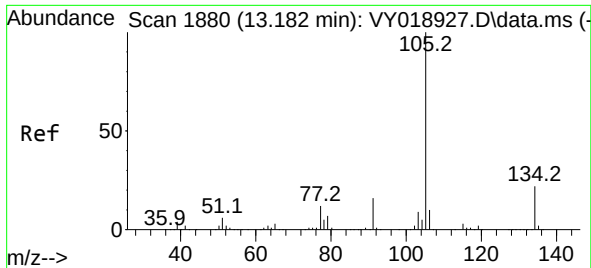
Tgt Ion:105 Resp: 129501

Ion Ratio Lower Upper

105 100

120 50.1 23.2 69.6

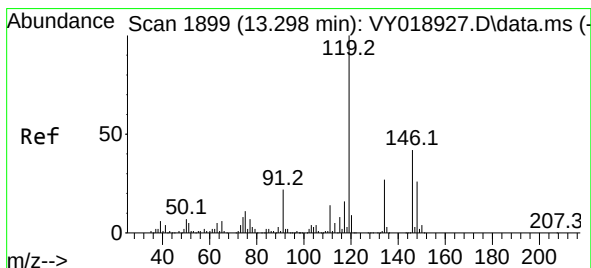
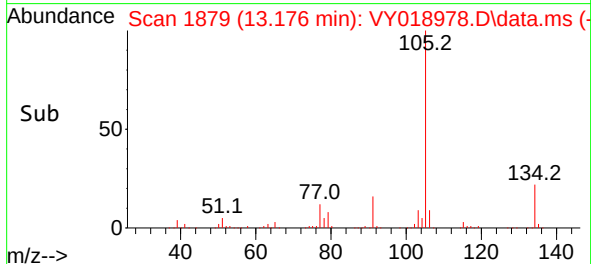
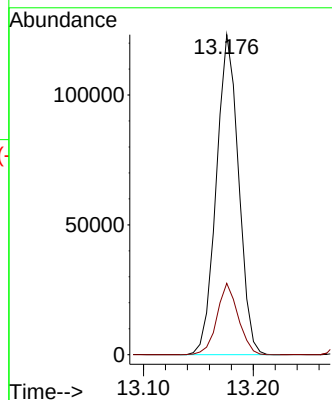
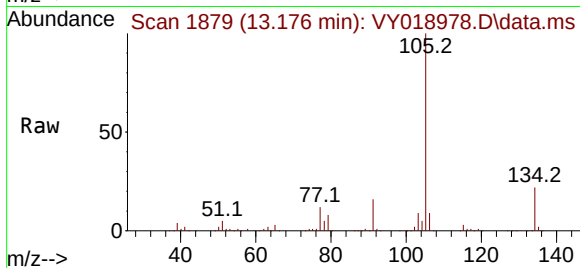




#85
 sec-Butylbenzene
 Concen: 49.735 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.006 min
 Lab File: VY018978.D
 Acq: 09 Aug 2024 19:44

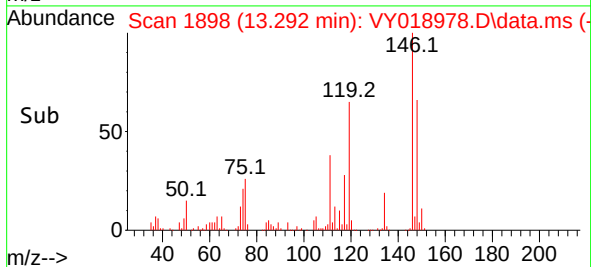
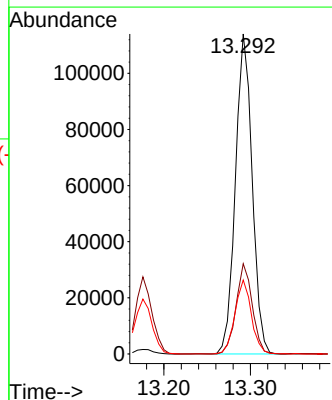
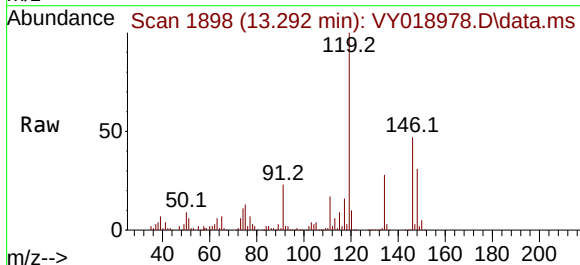
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

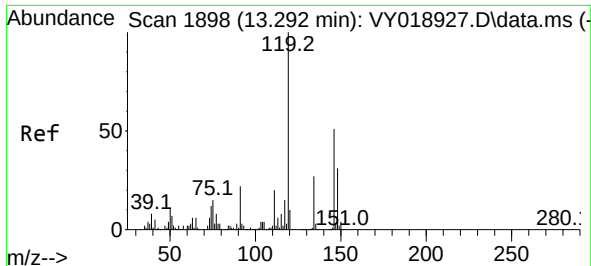
Tgt Ion:105 Resp: 173961
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 50.546 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY018978.D
 Acq: 09 Aug 2024 19:44

Tgt Ion:119 Resp: 153091
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.3
 91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.954 ug/l

RT: 13.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

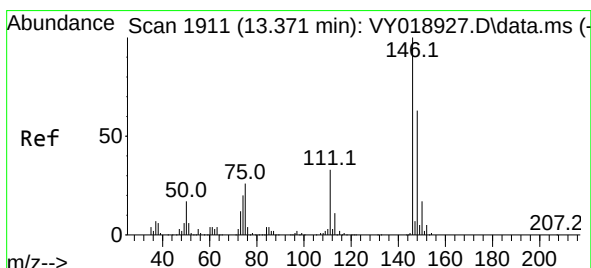
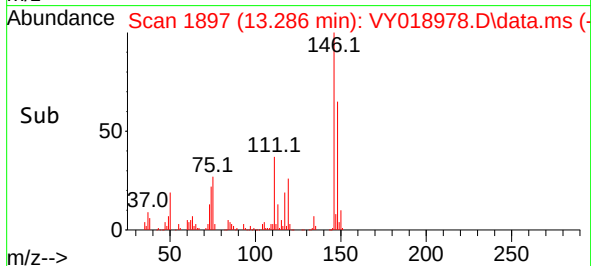
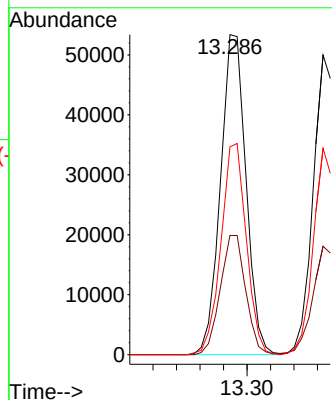
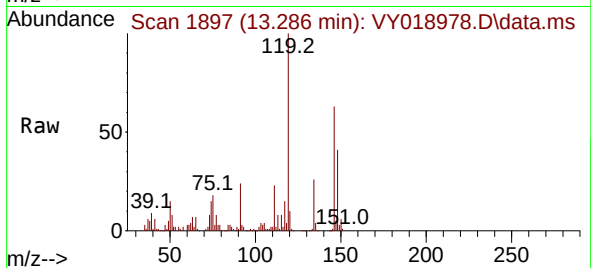
Tgt Ion:146 Resp: 80655

Ion Ratio Lower Upper

146 100

111 37.1 19.0 57.0

148 65.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.973 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

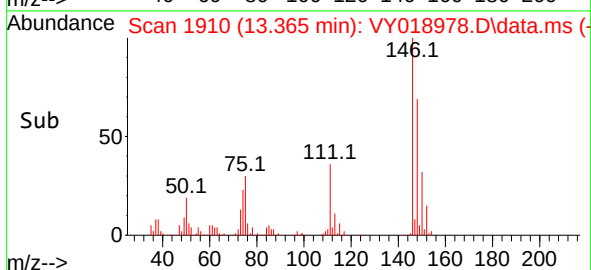
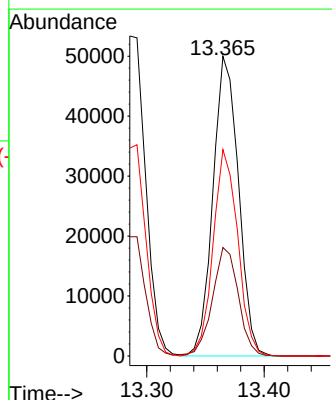
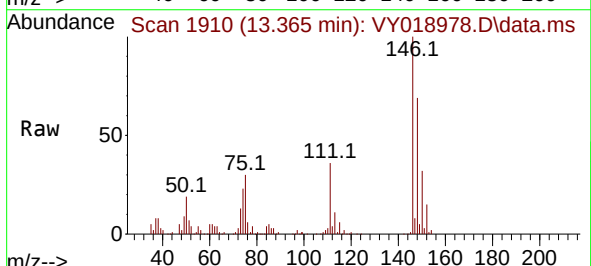
Tgt Ion:146 Resp: 75658

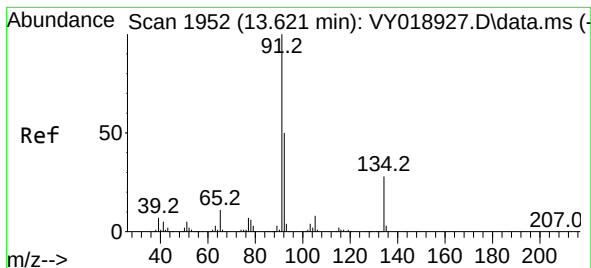
Ion Ratio Lower Upper

146 100

111 36.7 18.4 55.4

148 66.4 32.4 97.2





#89

n-Butylbenzene

Concen: 49.151 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

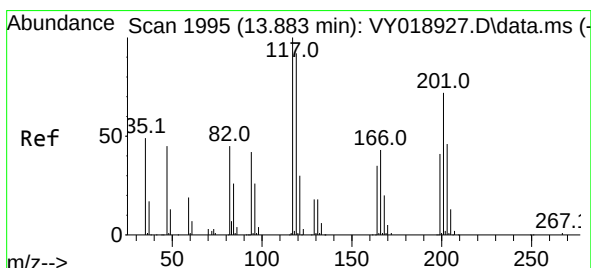
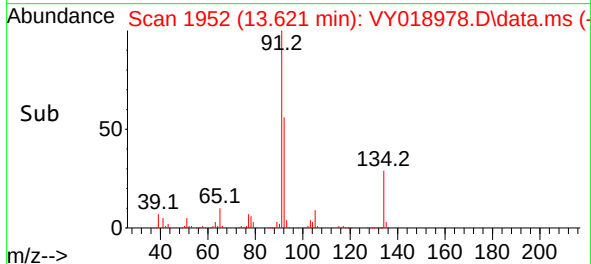
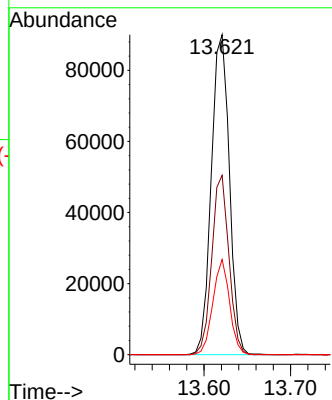
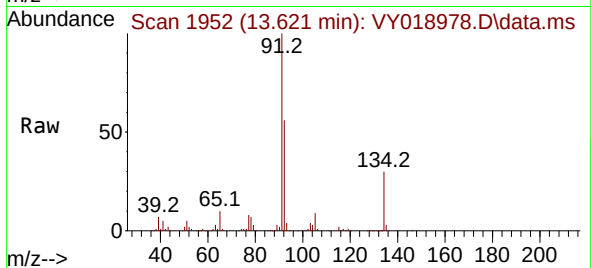
Tgt Ion: 91 Resp: 130667

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.7

134 27.4 12.9 38.7



#90

Hexachloroethane

Concen: 51.363 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY018978.D

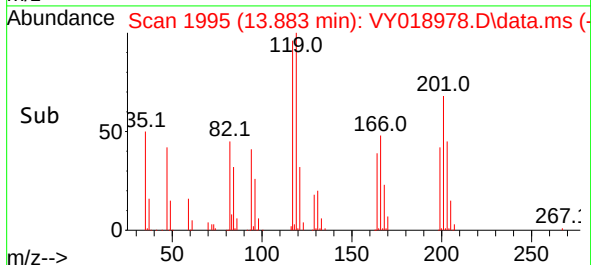
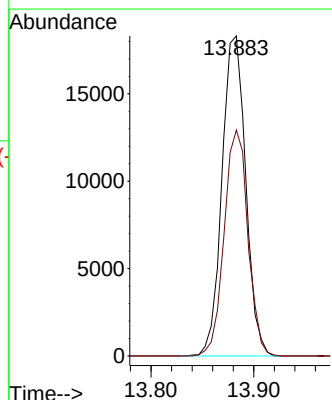
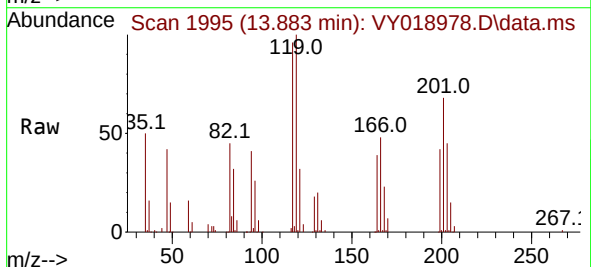
Acq: 09 Aug 2024 19:44

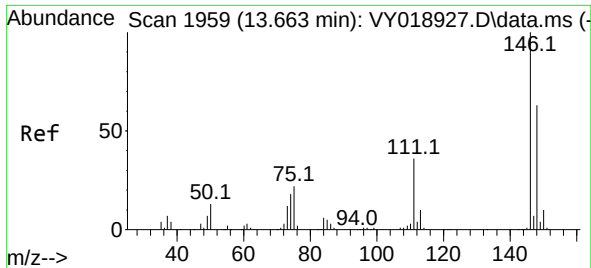
Tgt Ion: 117 Resp: 29354

Ion Ratio Lower Upper

117 100

201 70.6 37.4 112.2

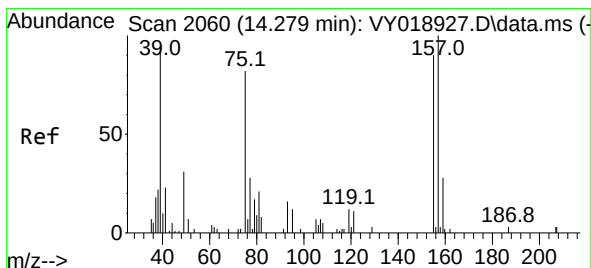
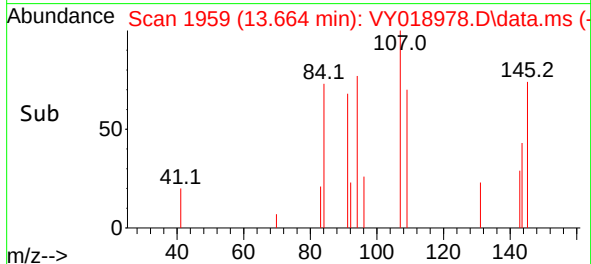
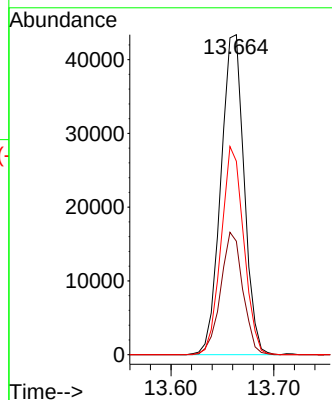
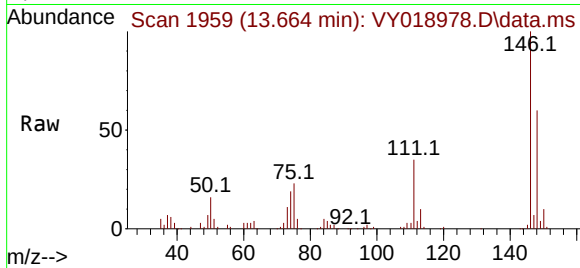




#91
1,2-Dichlorobenzene
Concen: 53.329 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

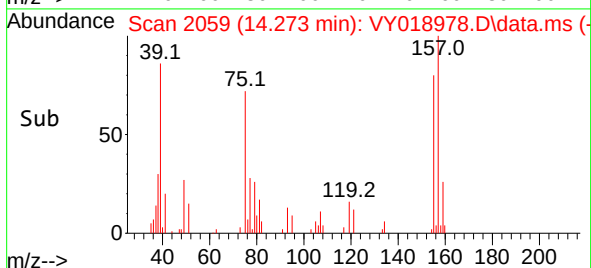
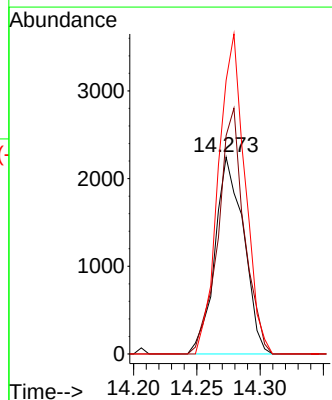
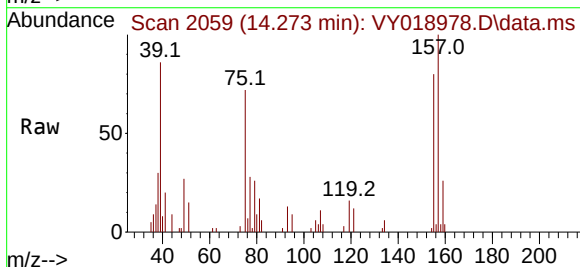
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

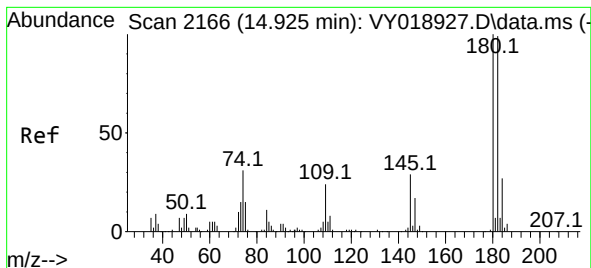
Tgt Ion:146 Resp: 68067
Ion Ratio Lower Upper
146 100
111 36.6 19.9 59.7
148 63.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.868 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY018978.D
Acq: 09 Aug 2024 19:44

Tgt Ion: 75 Resp: 3539
Ion Ratio Lower Upper
75 100
155 113.5 48.6 145.8
157 150.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 56.086 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

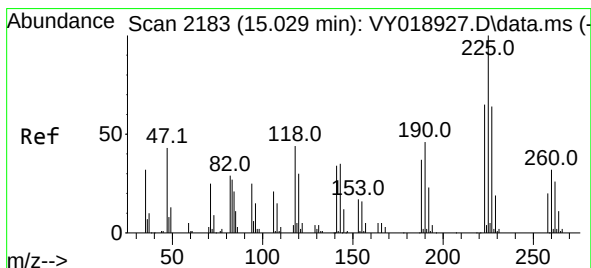
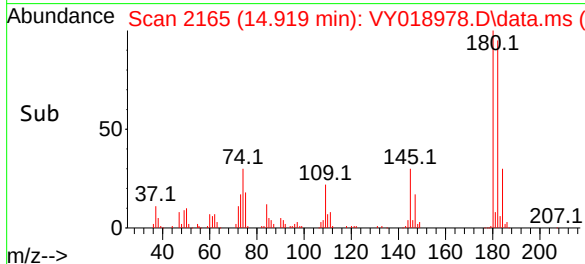
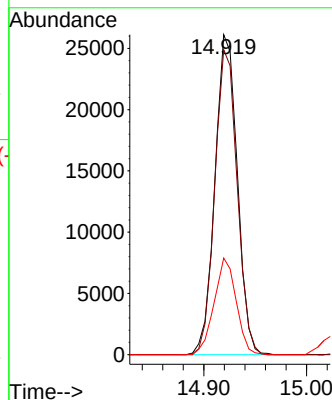
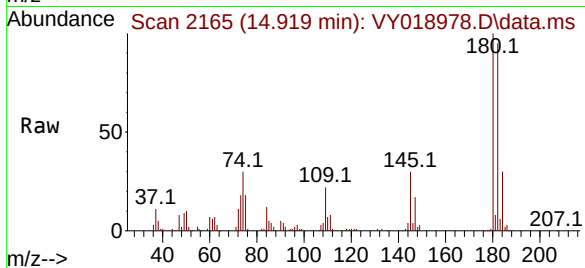
Tgt Ion:180 Resp: 39418

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.8

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.080 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

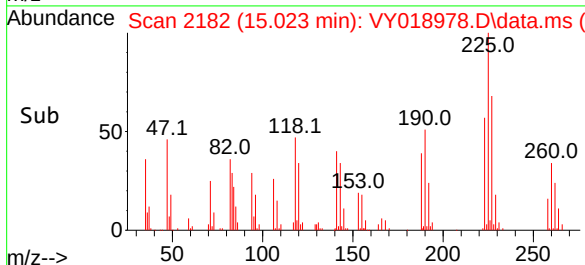
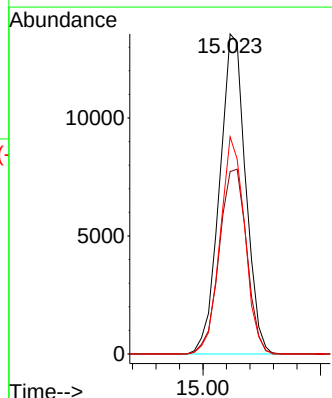
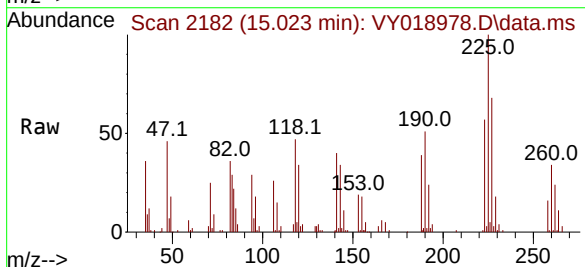
Tgt Ion:225 Resp: 20845

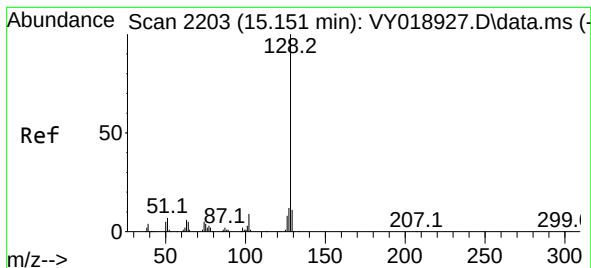
Ion Ratio Lower Upper

225 100

223 61.0 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 57.851 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

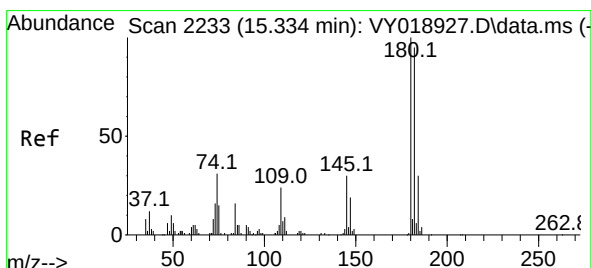
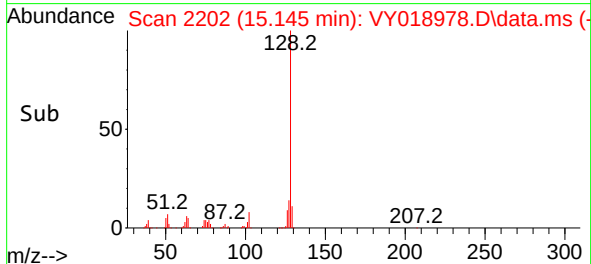
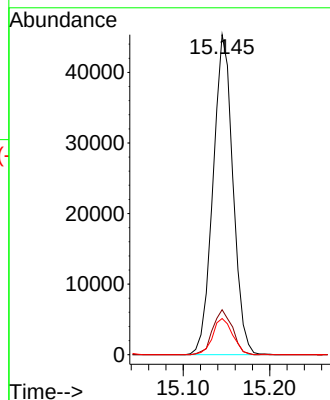
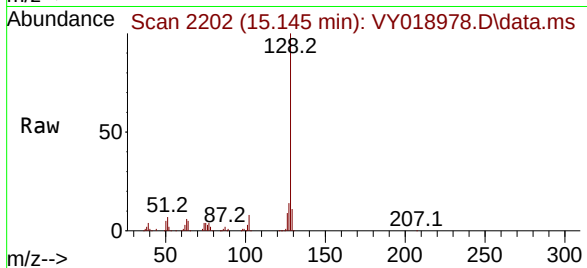
Tgt Ion:128 Resp: 72382

Ion Ratio Lower Upper

128 100

127 13.9 10.6 16.0

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.922 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY018978.D

Acq: 09 Aug 2024 19:44

Tgt Ion:180 Resp: 34338

Ion Ratio Lower Upper

180 100

182 95.8 47.6 142.9

145 29.1 15.4 46.1

