

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018989.D
 Acq On : 12 Aug 2024 09:37
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Aug 13 01:08:29 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	7.701	168	68261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	101892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	88980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	45306	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	30397	50.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.440%	
35) Dibromofluoromethane	7.622	113	34830	53.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.040%	
50) Toluene-d8	10.103	98	128259	51.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.620%	
62) 4-Bromofluorobenzene	12.408	95	37334	50.343	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.680%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	22300	47.528	ug/l	94
3) Chloromethane	2.068	50	52024	46.524	ug/l	100
4) Vinyl Chloride	2.202	62	70985	45.145	ug/l	95
5) Bromomethane	2.592	94	55440	44.192	ug/l	99
6) Chloroethane	2.733	64	49373	46.695	ug/l	97
7) Trichlorofluoromethane	3.050	101	90572	43.220	ug/l	95
8) Diethyl Ether	3.452	74	15704	48.613	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	31985	48.855	ug/l	92
10) Methyl Iodide	4.001	142	38955	55.103	ug/l	94
11) Tert butyl alcohol	4.830	59	12175	230.565	ug/l	100
12) 1,1-Dichloroethene	3.781	96	29485	47.671	ug/l	97
13) Acrolein	3.641	56	14460	229.922	ug/l	98
14) Allyl chloride	4.373	41	39035	47.188	ug/l #	83
15) Acrylonitrile	5.043	53	32393	255.786	ug/l	97
16) Acetone	3.860	43	40489	275.971	ug/l #	84
17) Carbon Disulfide	4.098	76	89174	48.500	ug/l	100
18) Methyl Acetate	4.379	43	16316	48.981	ug/l	93
19) Methyl tert-butyl Ether	5.110	73	75303	49.499	ug/l	94
20) Methylene Chloride	4.604	84	34973	50.881	ug/l	90
21) trans-1,2-Dichloroethene	5.104	96	34604	50.565	ug/l	90
22) Diisopropyl ether	6.006	45	92704	51.407	ug/l #	86
23) Vinyl Acetate	5.952	43	403906	259.528	ug/l	93
24) 1,1-Dichloroethane	5.903	63	56210	50.809	ug/l	100
25) 2-Butanone	6.884	43	53126	273.774	ug/l	94
26) 2,2-Dichloropropane	6.878	77	49377	47.422	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	40703	49.710	ug/l	98
28) Bromochloromethane	7.238	49	26223	51.487	ug/l	94
29) Tetrahydrofuran	7.256	42	28351	247.775	ug/l	90
30) Chloroform	7.409	83	60870	51.436	ug/l	96
31) Cyclohexane	7.695	56	47446	50.677	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	56836	53.132	ug/l	96
36) 1,1-Dichloropropene	7.823	75	43930	50.288	ug/l	98
37) Ethyl Acetate	6.976	43	20346	50.956	ug/l #	76
38) Carbon Tetrachloride	7.811	117	53116	53.031	ug/l	93
39) Methylcyclohexane	9.103	83	59541	50.636	ug/l	99
40) Benzene	8.067	78	136657	52.614	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	11150	62.746	ug/l #	64
42) 1,2-Dichloroethane	8.146	62	34631	53.559	ug/l	99
43) Isopropyl Acetate	8.189	43	42052	51.787	ug/l #	89
44) Trichloroethene	8.860	130	38635	52.184	ug/l	96
45) 1,2-Dichloropropane	9.134	63	29851	51.363	ug/l	95
46) Dibromomethane	9.225	93	20320	54.112	ug/l	98
47) Bromodichloromethane	9.420	83	47437	53.981	ug/l	99
48) Methyl methacrylate	9.213	41	17683	49.848	ug/l #	80
49) 1,4-Dioxane	9.219	88	4381	987.476	ug/l #	99
51) 4-Methyl-2-Pentanone	9.994	43	108075	258.067	ug/l	87
52) Toluene	10.170	92	92667	53.710	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	41133	52.488	ug/l	94
54) cis-1,3-Dichloropropene	9.853	75	49866	53.569	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	24792	53.760	ug/l	97
56) Ethyl methacrylate	10.439	69	30684	49.141	ug/l #	68
57) 1,3-Dichloropropane	10.719	76	39410	51.904	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	79316	246.397	ug/l	96
59) 2-Hexanone	10.762	43	82253	273.802	ug/l	85
60) Dibromochloromethane	10.908	129	34749	56.203	ug/l	99
61) 1,2-Dibromoethane	11.018	107	23042	51.747	ug/l	97
64) Tetrachloroethene	10.646	164	38891	52.139	ug/l	98
65) Chlorobenzene	11.444	112	103222	52.835	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	35938	52.592	ug/l	99
67) Ethyl Benzene	11.518	91	174879	51.702	ug/l	94
68) m/p-Xylenes	11.627	106	147913	106.643	ug/l	90
69) o-Xylene	11.957	106	69240	54.089	ug/l	87
70) Styrene	11.969	104	113617	53.886	ug/l	97
71) Bromoform	12.133	173	20142	56.682	ug/l #	95
73) Isopropylbenzene	12.255	105	167278	50.865	ug/l	96
74) N-amyl acetate	12.072	43	37660	49.626	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.511	83	26876	50.641	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	33915	100.482	ug/l #	100
77) Bromobenzene	12.536	156	40576	52.964	ug/l	88
78) n-propylbenzene	12.597	91	197971	50.861	ug/l	97
79) 2-Chlorotoluene	12.682	91	104440	51.828	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	133163	51.670	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	8397	51.264	ug/l	90
82) 4-Chlorotoluene	12.780	91	107171	51.947	ug/l	92
83) tert-Butylbenzene	12.999	119	125233	51.446	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	134619	51.491	ug/l	96
85) sec-Butylbenzene	13.182	105	180910	51.307	ug/l	97
86) p-Isopropyltoluene	13.298	119	161954	53.044	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	84220	53.816	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	79822	52.301	ug/l	99
89) n-Butylbenzene	13.621	91	139303	51.979	ug/l	98
90) Hexachloroethane	13.883	117	30686	53.264	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	66957	52.039	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3416	46.792	ug/l	94
93) 1,2,4-Trichlorobenzene	14.926	180	37728	53.251	ug/l	99
94) Hexachlorobutadiene	15.029	225	20923	53.848	ug/l	98
95) Naphthalene	15.151	128	63262	50.157	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	30977	50.939	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

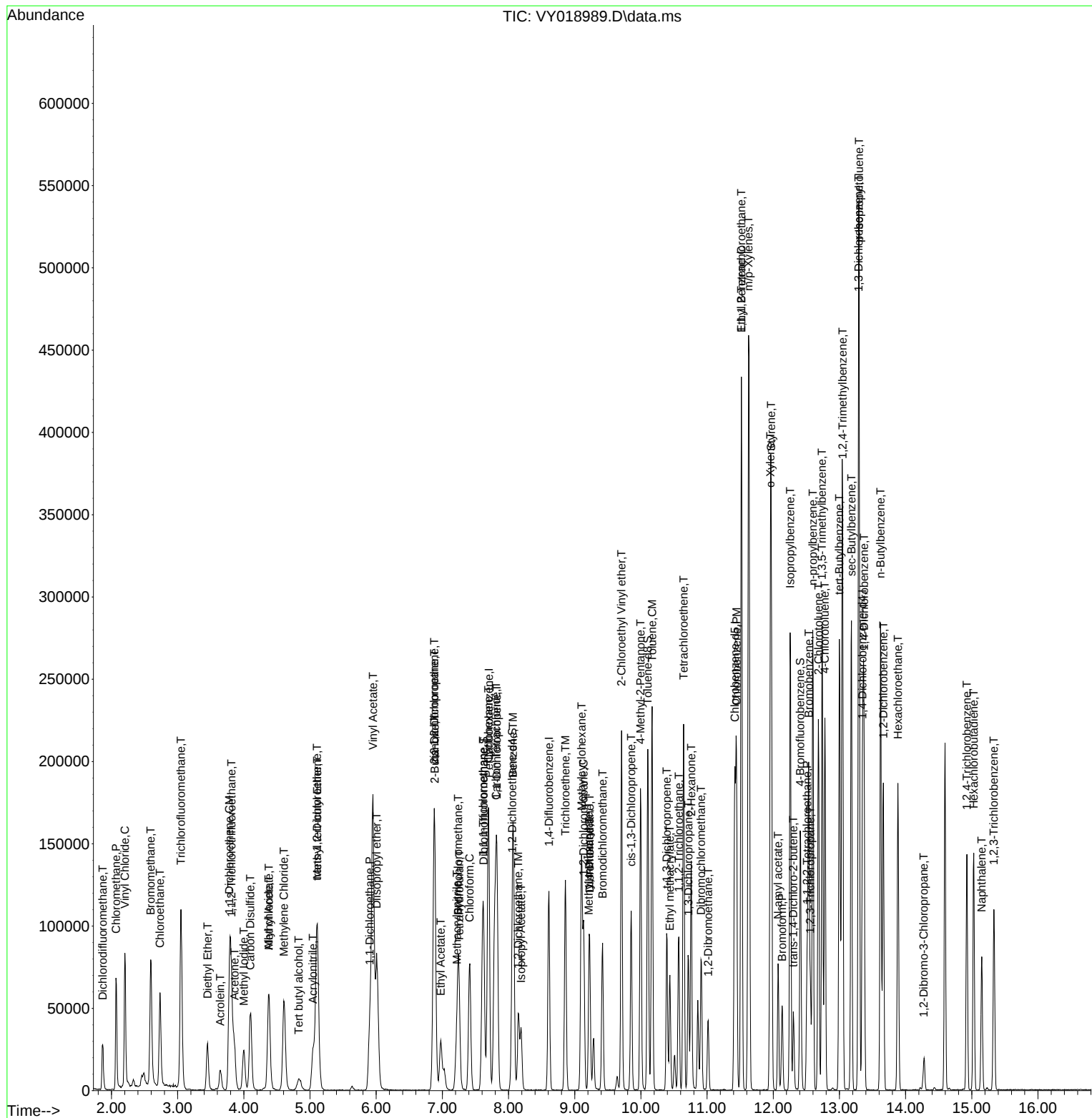
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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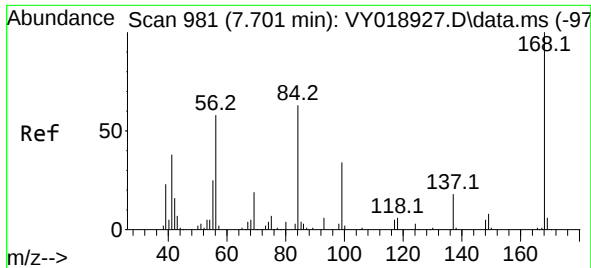
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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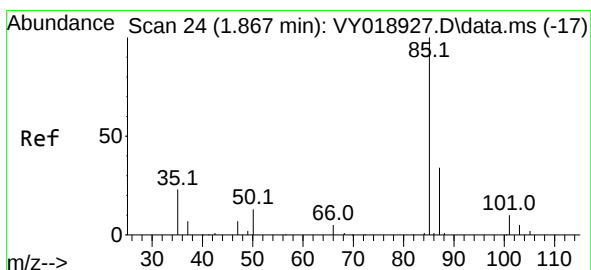
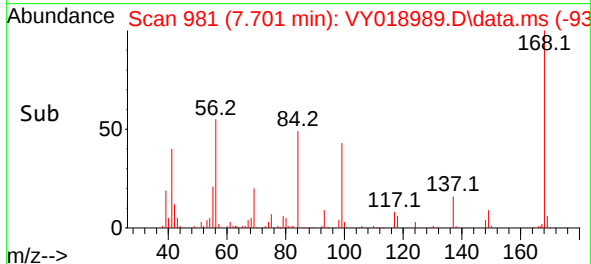
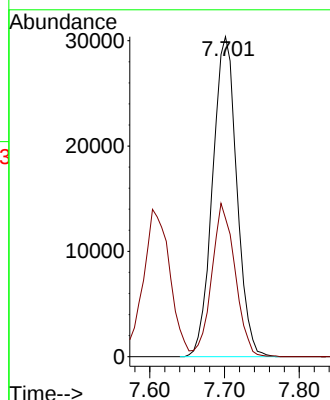
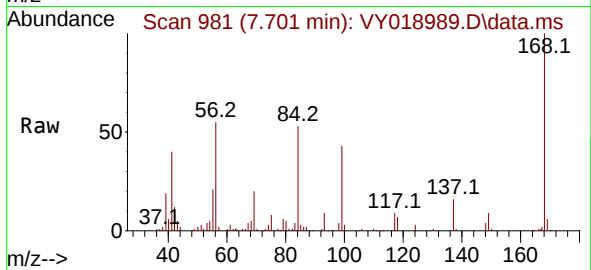




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018989.D
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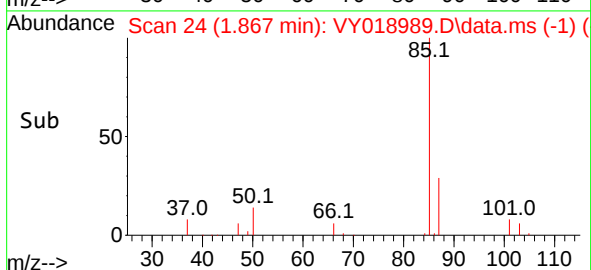
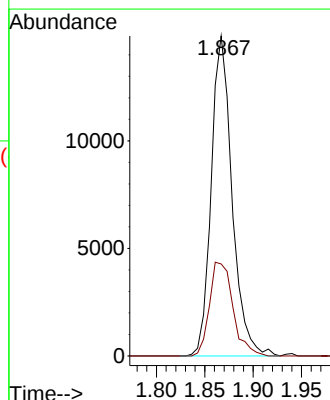
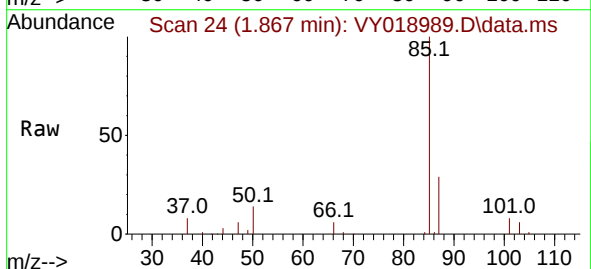
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

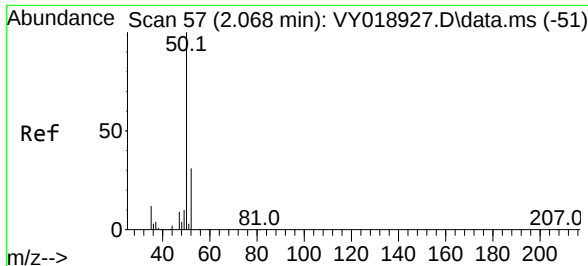
Tgt Ion:168 Resp: 68261
Ion Ratio Lower Upper
168 100
99 43.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.528 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 85 Resp: 22300
Ion Ratio Lower Upper
85 100
87 28.8 16.0 48.0

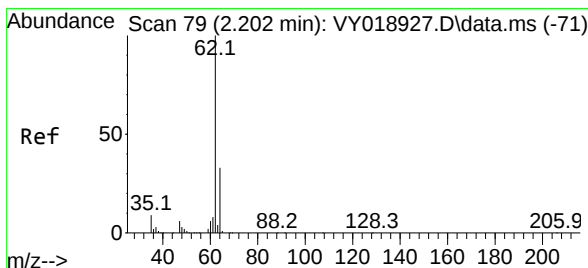
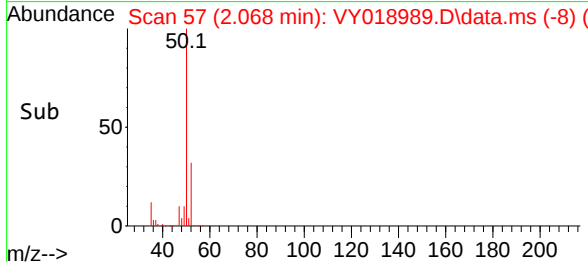
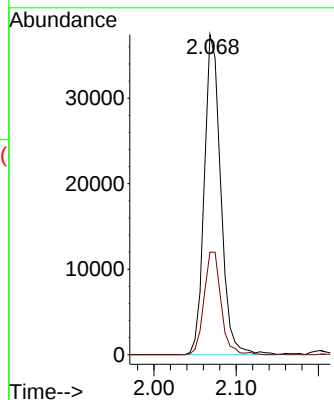
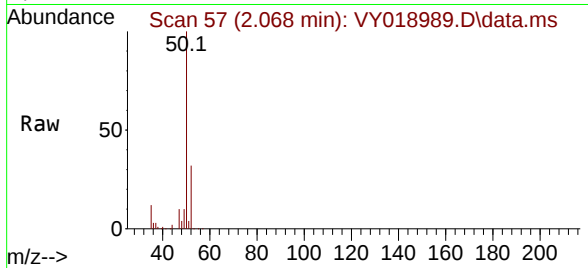




#3
Chloromethane
Concen: 46.524 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

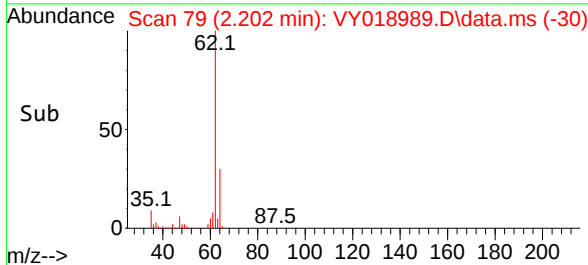
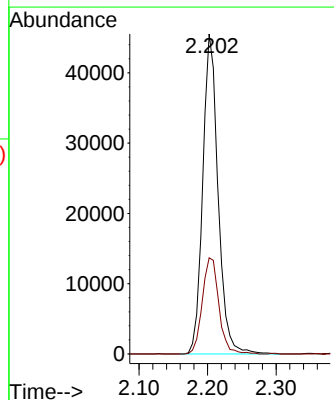
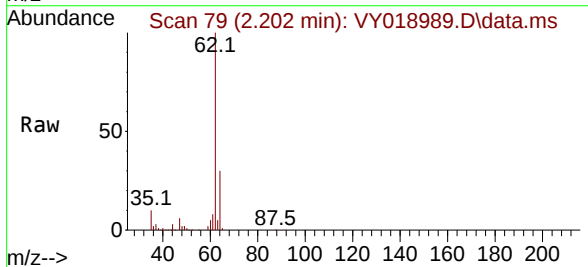
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

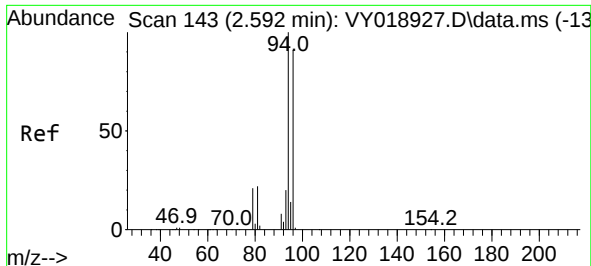
Tgt Ion: 50 Resp: 52024
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 45.145 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 62 Resp: 70985
Ion Ratio Lower Upper
62 100
64 30.0 26.1 39.1

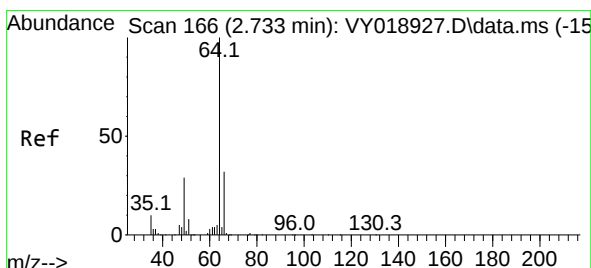
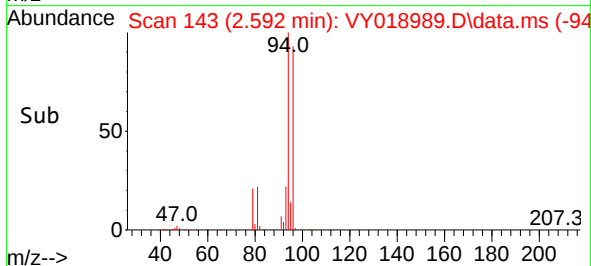
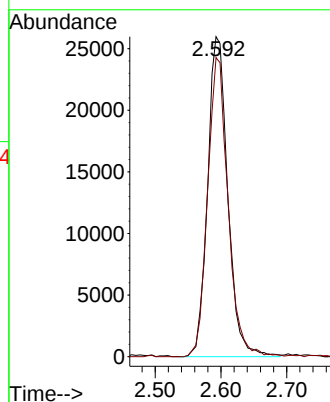
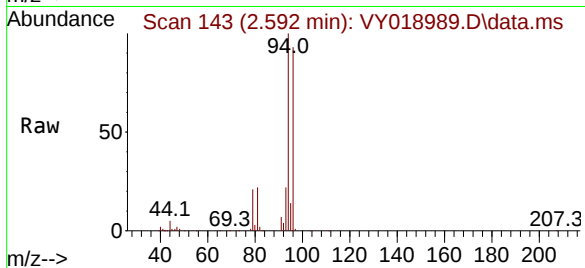




#5
Bromomethane
Concen: 44.192 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY018989.D
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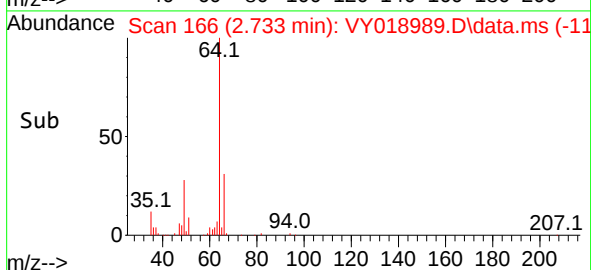
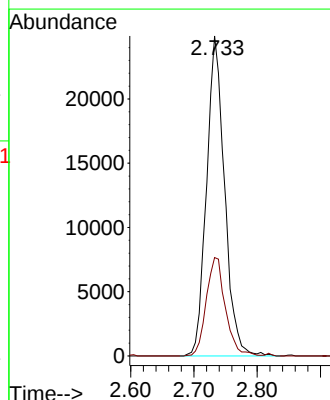
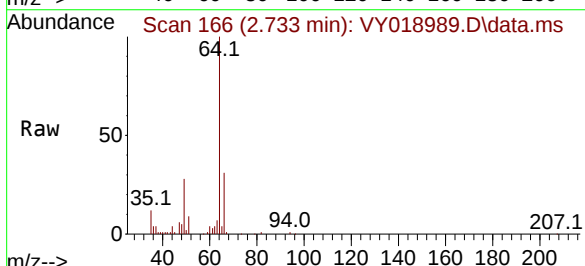
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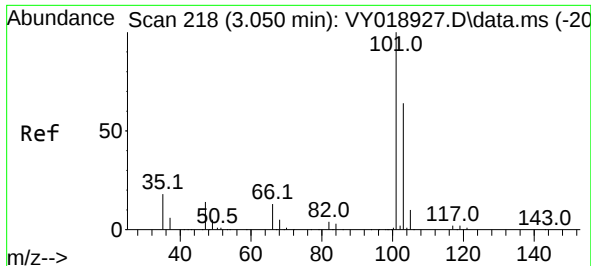
Tgt Ion: 94 Resp: 55440
Ion Ratio Lower Upper
94 100
96 93.5 74.1 111.1



#6
Chloroethane
Concen: 46.695 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 64 Resp: 49373
Ion Ratio Lower Upper
64 100
66 30.7 26.1 39.1

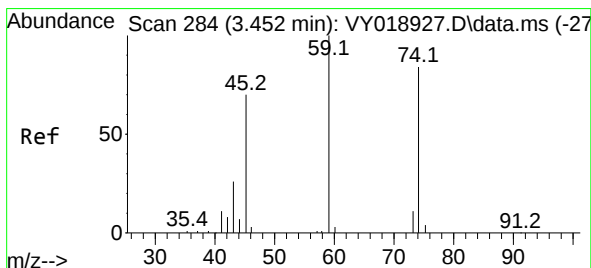
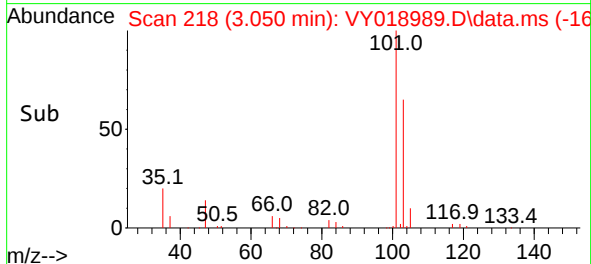
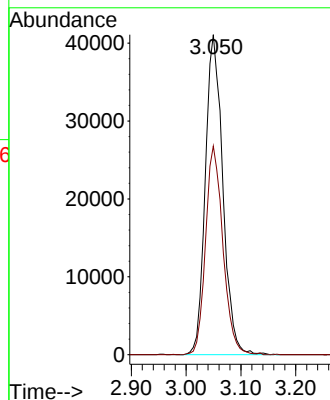
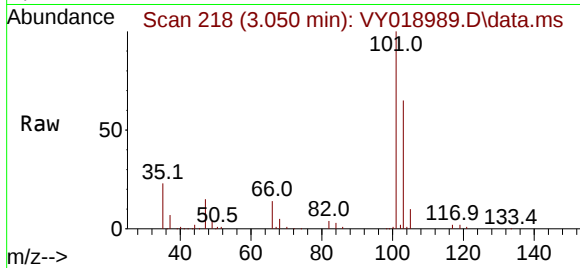




#7
Trichlorofluoromethane
Concen: 43.220 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

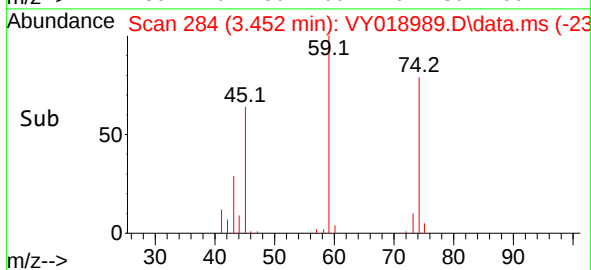
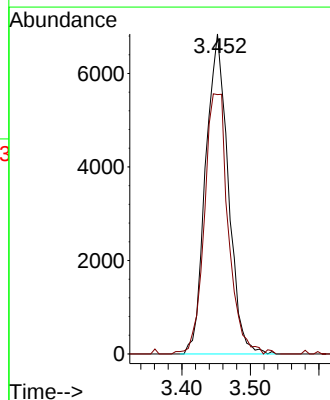
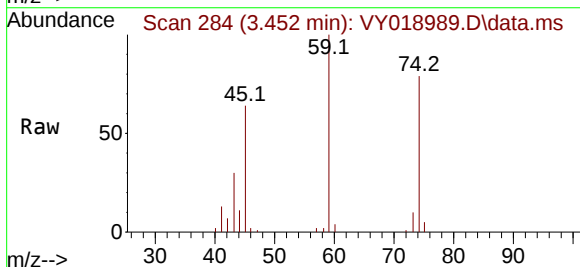
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

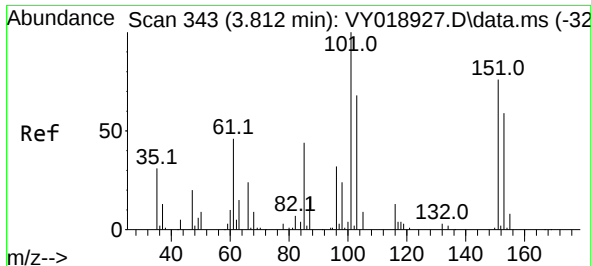
Tgt Ion:101 Resp: 90572
Ion Ratio Lower Upper
101 100
103 65.2 49.3 73.9



#8
Diethyl Ether
Concen: 48.613 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 74 Resp: 15704
Ion Ratio Lower Upper
74 100
45 85.7 41.3 124.1

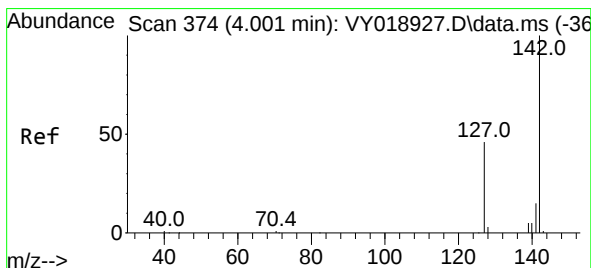
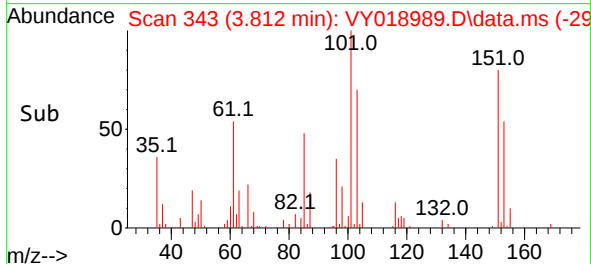
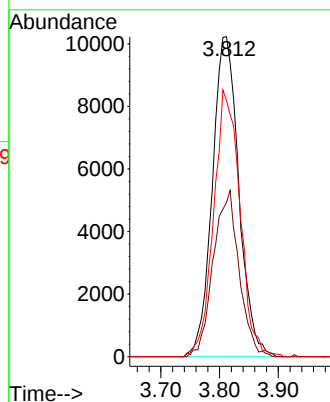
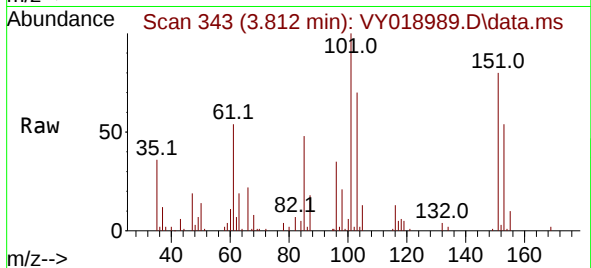




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.855 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

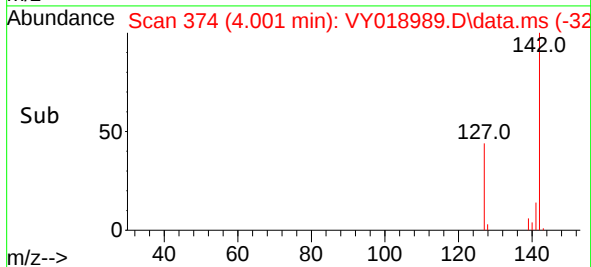
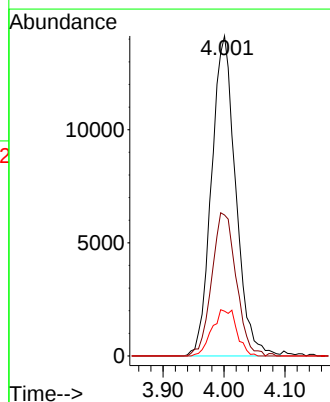
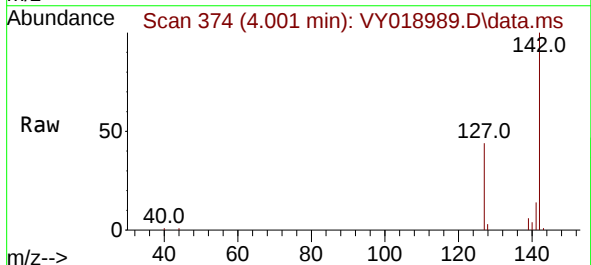
Instrument :
MSVOA_Y
ClientSampleId :
VSTDC050

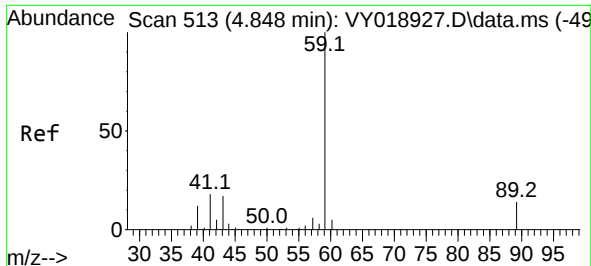
Tgt Ion:101 Resp: 31985
Ion Ratio Lower Upper
101 100
85 50.6 34.5 51.7
151 82.9 61.7 92.5



#10
Methyl Iodide
Concen: 55.103 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion:142 Resp: 38955
Ion Ratio Lower Upper
142 100
127 45.4 32.8 49.2
141 14.8 11.4 17.2

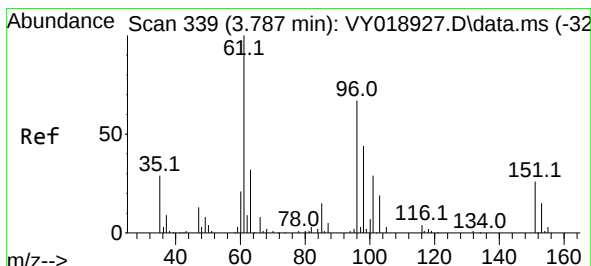
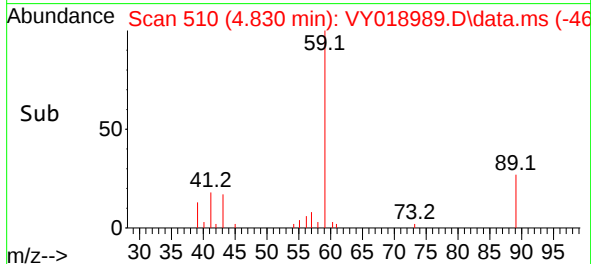
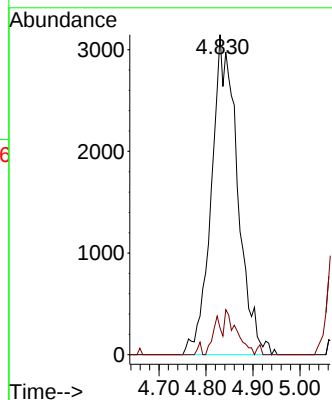
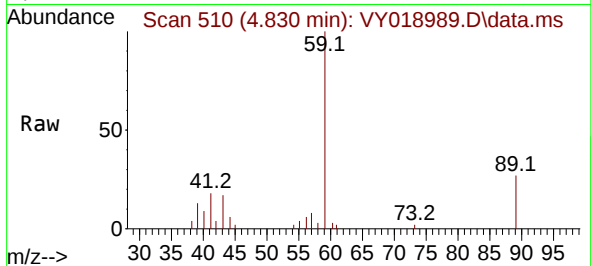




#11
Tert butyl alcohol
Concen: 230.565 ug/l
RT: 4.830 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

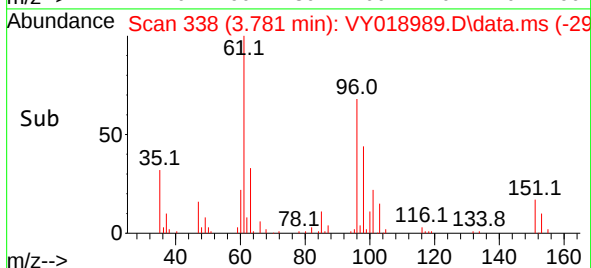
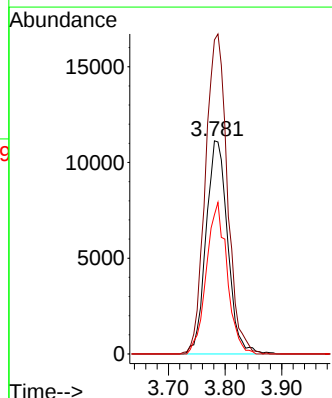
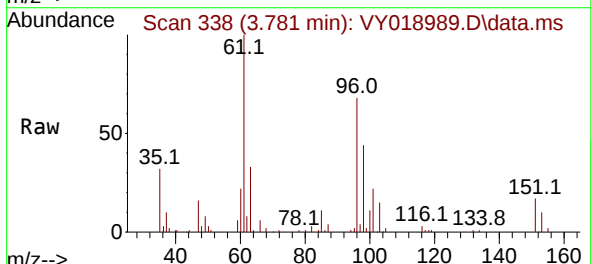
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

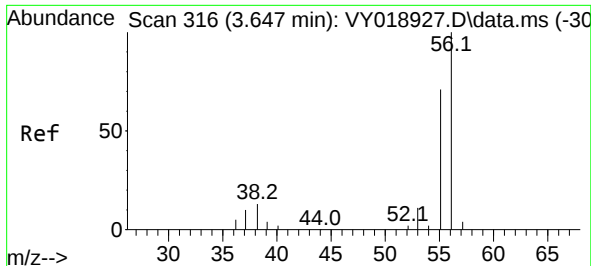
Tgt Ion: 59 Resp: 12175
Ion Ratio Lower Upper
59 100
57 3.9 3.0 4.6



#12
1,1-Dichloroethene
Concen: 47.671 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 96 Resp: 29485
Ion Ratio Lower Upper
96 100
61 147.3 114.6 171.8
98 65.3 50.8 76.2





#13

Acrolein

Concen: 229.922 ug/l

RT: 3.641 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

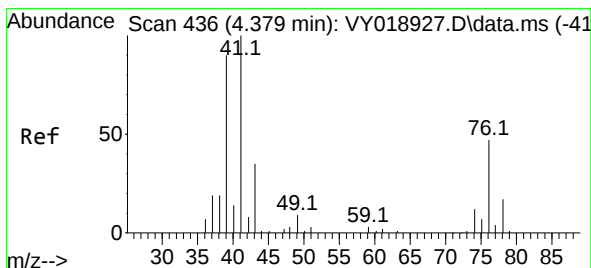
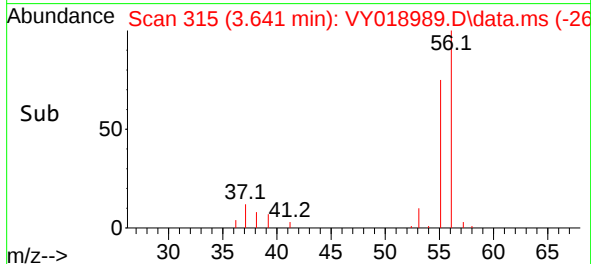
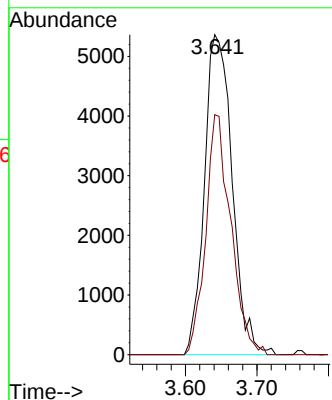
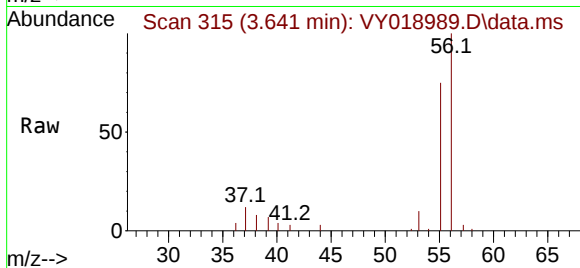
VSTDCCC050

Tgt Ion: 56 Resp: 14460

Ion Ratio Lower Upper

56 100

55 67.8 55.7 83.5



#14

Allyl chloride

Concen: 47.188 ug/l

RT: 4.373 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

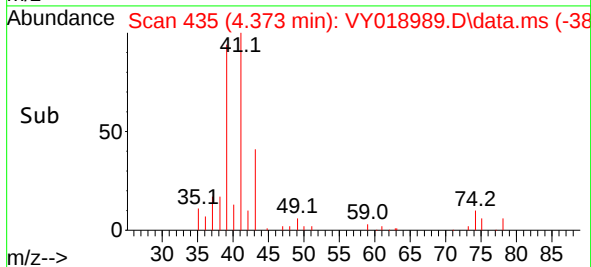
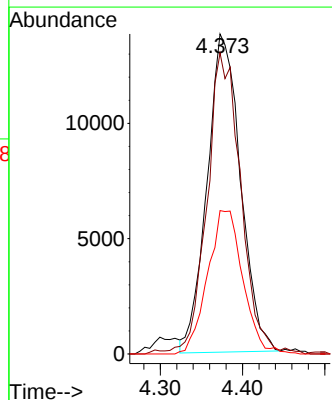
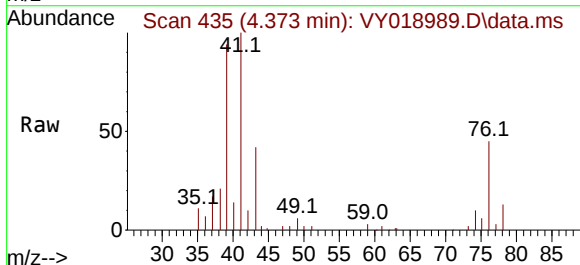
Tgt Ion: 41 Resp: 39035

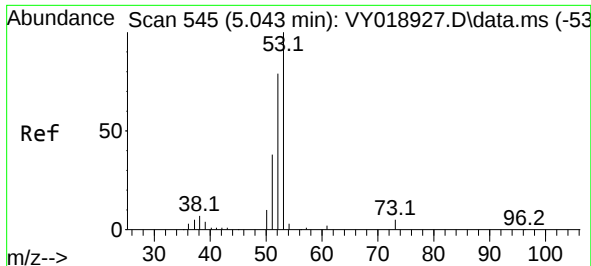
Ion Ratio Lower Upper

41 100

39 95.9 58.3 87.5#

76 47.4 39.0 58.6

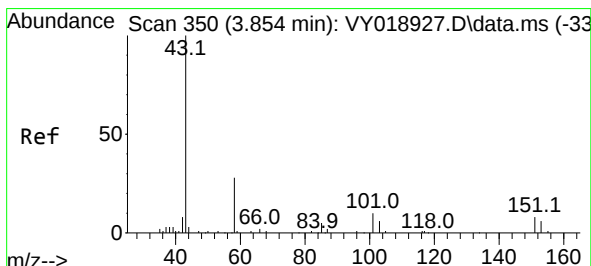
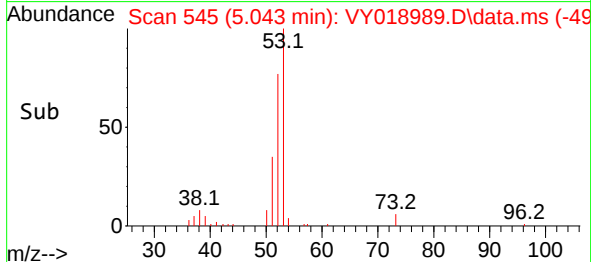
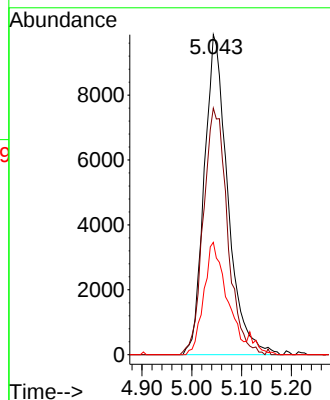
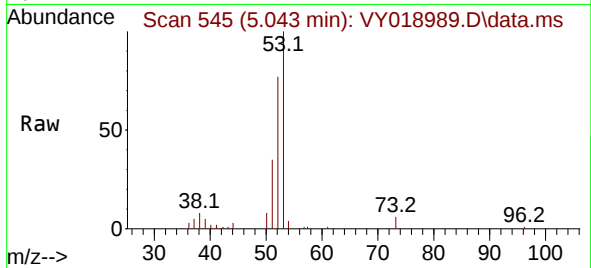




#15
Acrylonitrile
Concen: 255.786 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

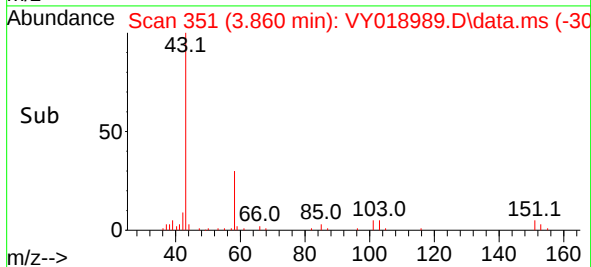
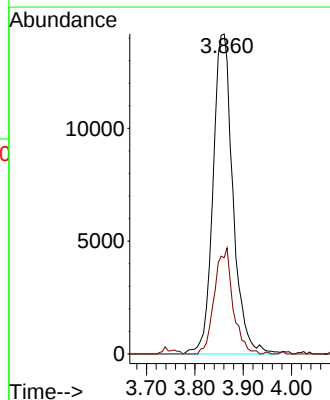
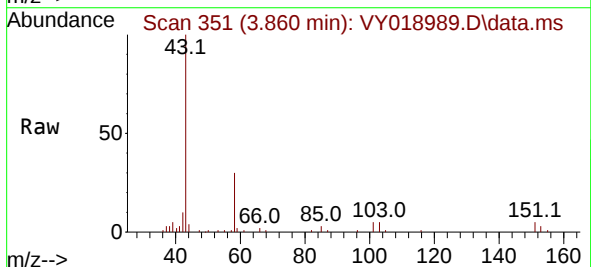
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

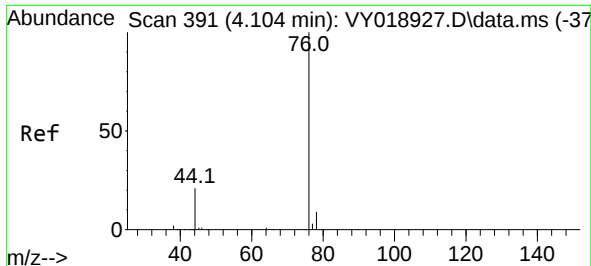
Tgt Ion:	53	Resp:	32393
Ion	Ratio	Lower	Upper
53	100		
52	78.6	64.7	97.1
51	34.0	28.4	42.6



#16
Acetone
Concen: 275.971 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion:	43	Resp:	40489
Ion	Ratio	Lower	Upper
43	100		
58	29.7	31.7	47.5#

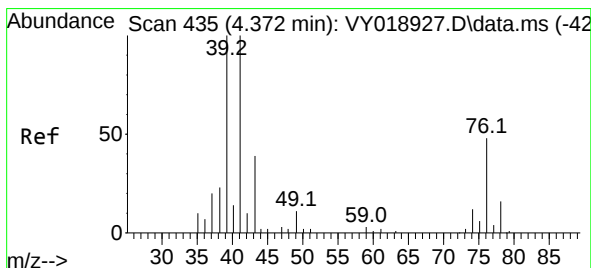
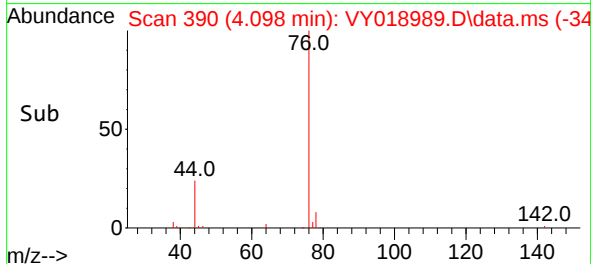
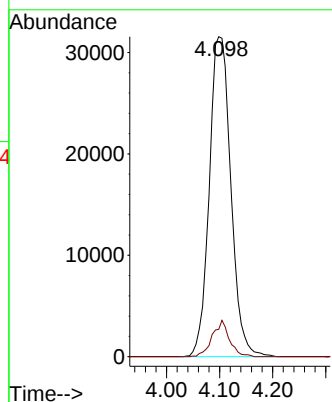
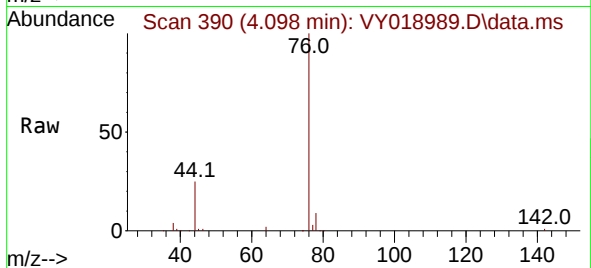




#17
Carbon Disulfide
Concen: 48.500 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

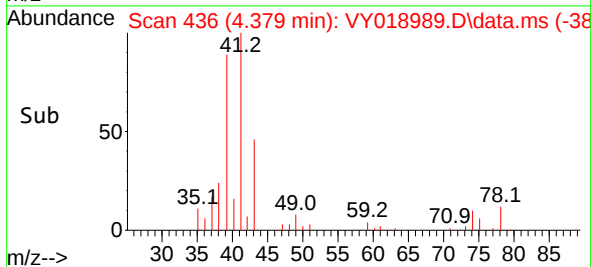
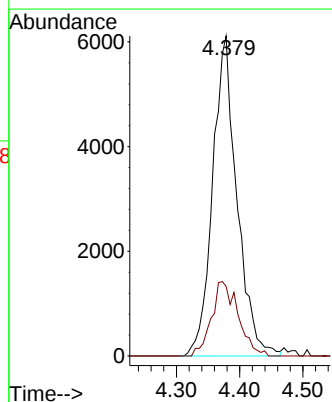
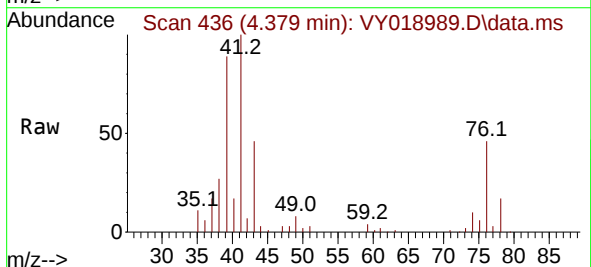
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 89174
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 48.981 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 43 Resp: 16316
Ion Ratio Lower Upper
43 100
74 25.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 49.499 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

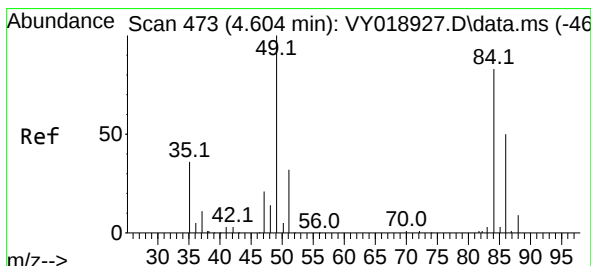
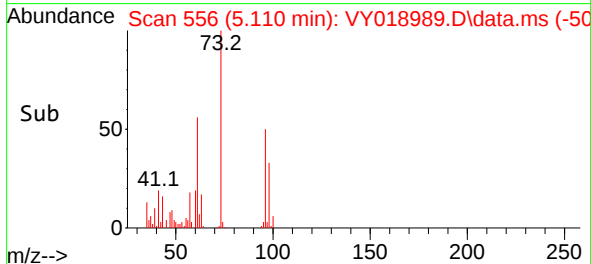
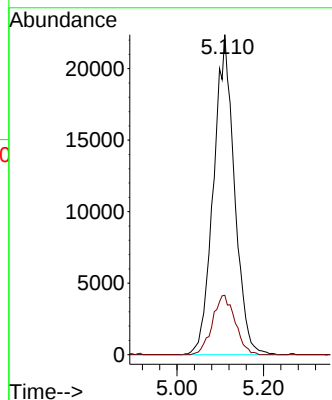
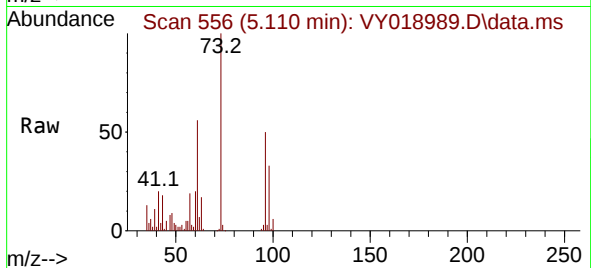
VSTDCCC050

Tgt Ion: 73 Resp: 75303

Ion Ratio Lower Upper

73 100

57 18.6 17.3 25.9



#20

Methylene Chloride

Concen: 50.881 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Tgt Ion: 84 Resp: 34973

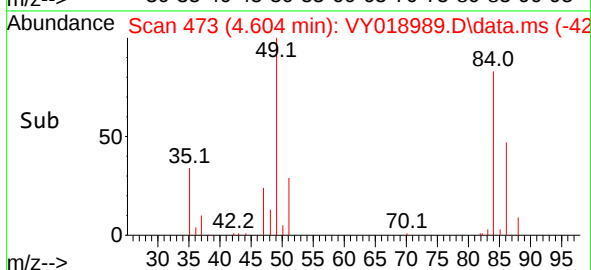
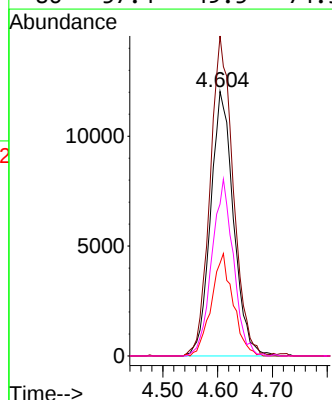
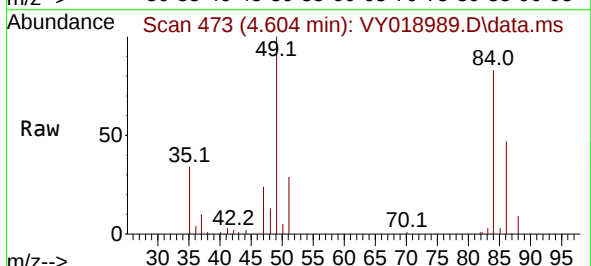
Ion Ratio Lower Upper

84 100

49 121.0 84.4 126.6

51 35.1 26.0 39.0

86 57.4 49.5 74.3

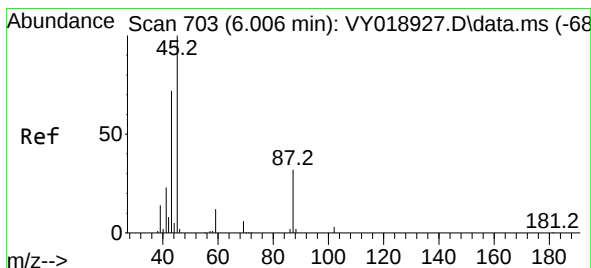
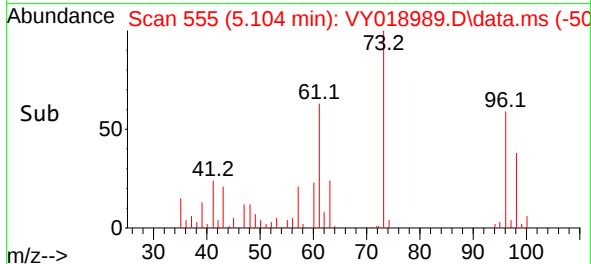
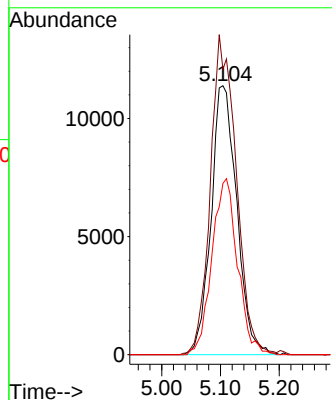
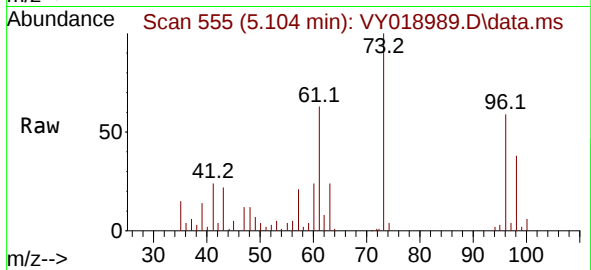




#21
trans-1,2-Dichloroethene
Concen: 50.565 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

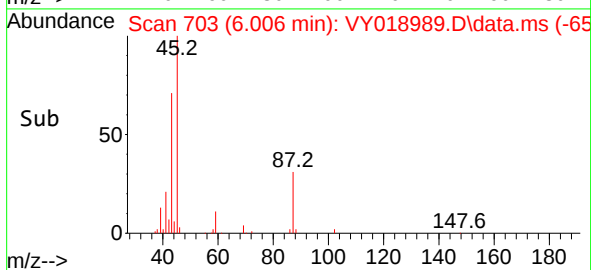
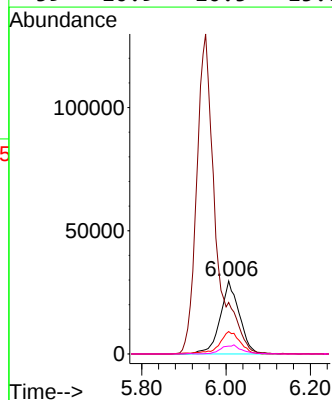
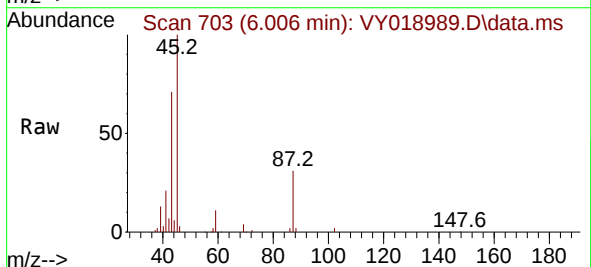
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

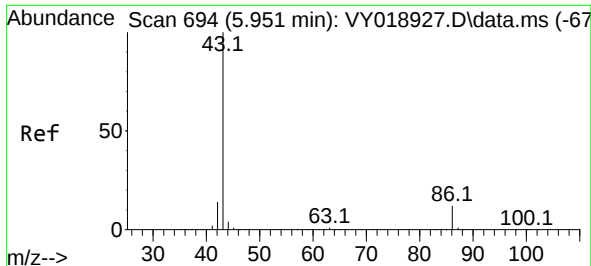
Tgt Ion: 96 Resp: 34604
Ion Ratio Lower Upper
96 100
61 106.1 97.5 146.3
98 63.7 50.5 75.7



#22
Diisopropyl ether
Concen: 51.407 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 45 Resp: 92704
Ion Ratio Lower Upper
45 100
43 70.1 42.2 63.2#
87 30.7 25.0 37.6
59 10.9 10.5 15.7

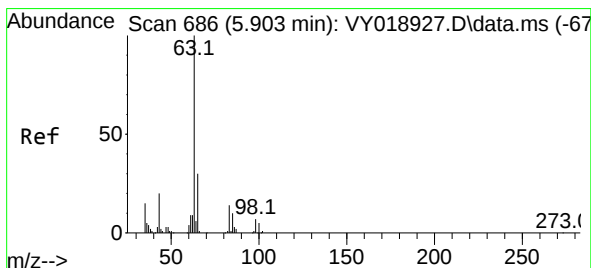
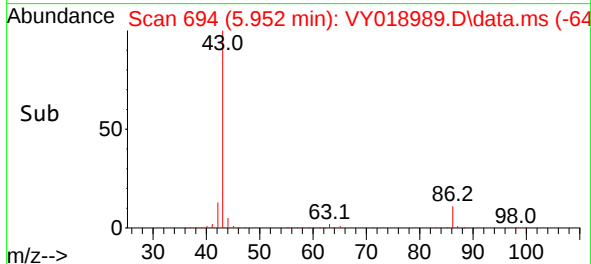
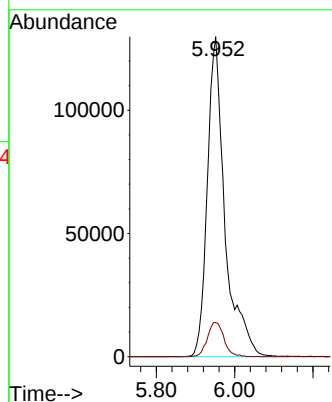
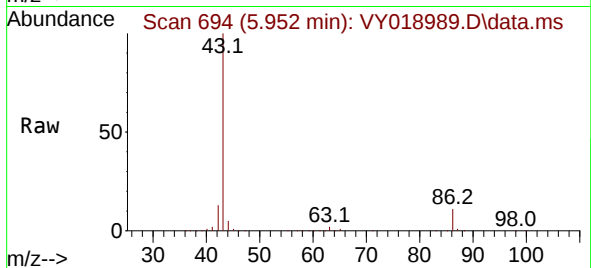




#23
 Vinyl Acetate
 Concen: 259.528 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018989.D
 Acq: 12 Aug 2024 09:37

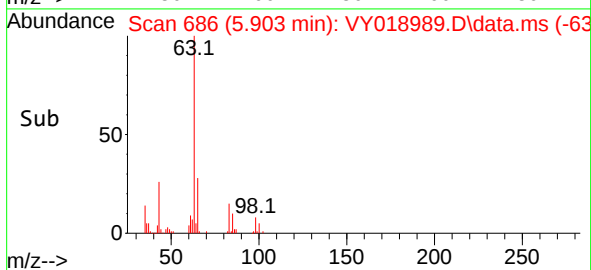
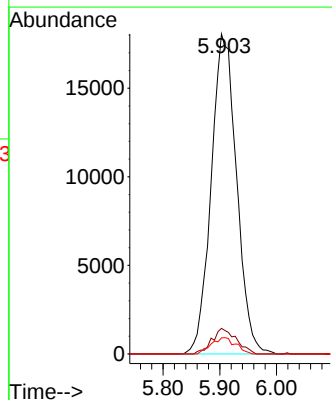
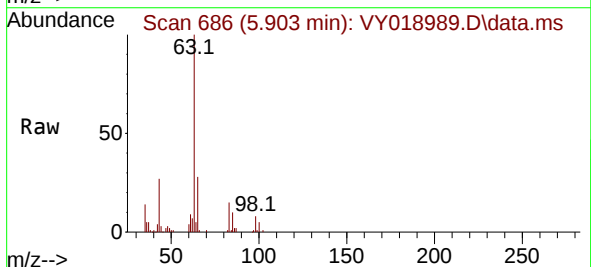
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

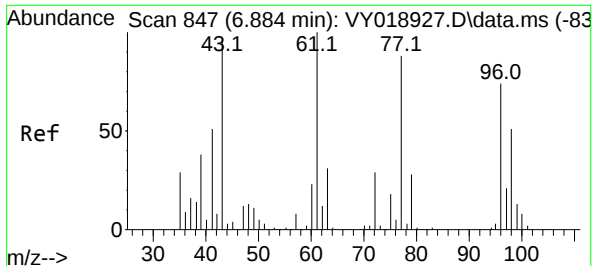
Tgt Ion: 43 Resp: 403906
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.809 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018989.D
 Acq: 12 Aug 2024 09:37

Tgt Ion: 63 Resp: 56210
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 5.0 2.6 8.0

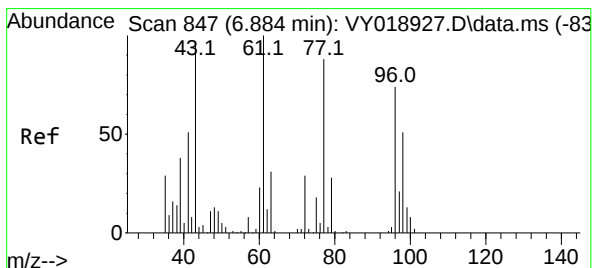
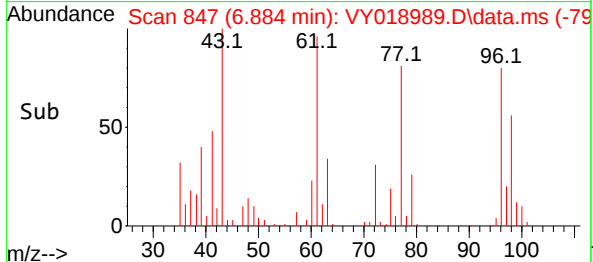
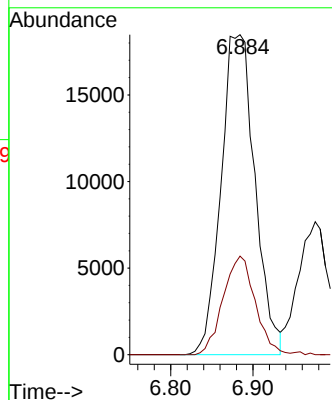
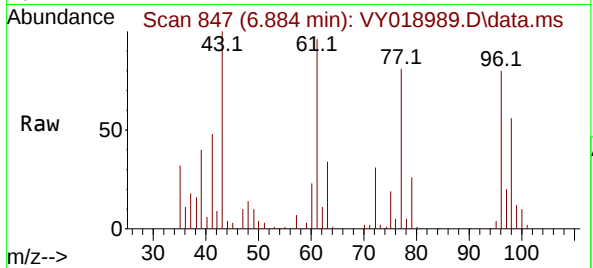




#25
2-Butanone
Concen: 273.774 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

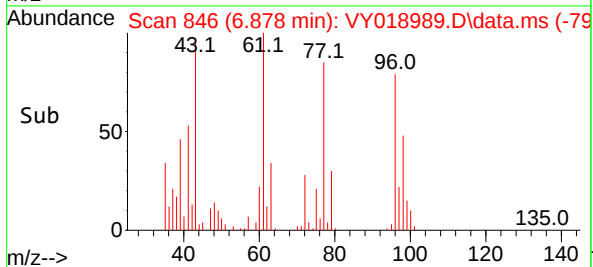
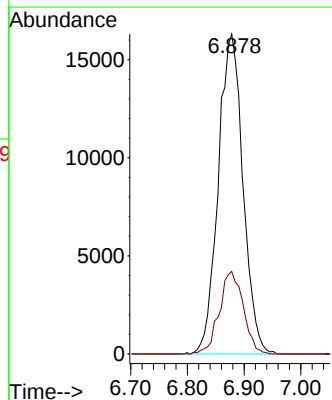
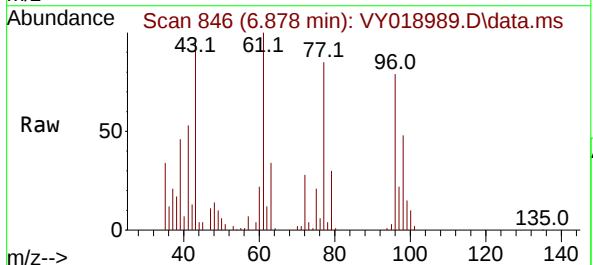
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

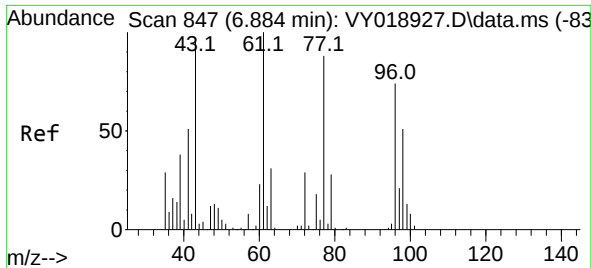
Tgt Ion: 43 Resp: 53126
Ion Ratio Lower Upper
43 100
72 30.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 47.422 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 77 Resp: 49377
Ion Ratio Lower Upper
77 100
97 25.0 12.0 36.1



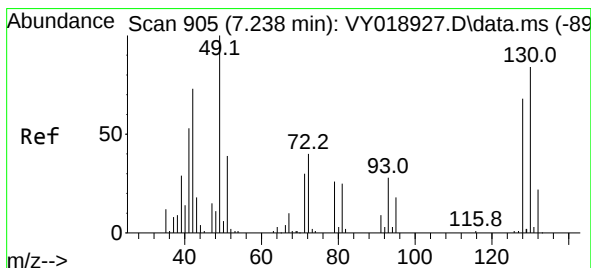
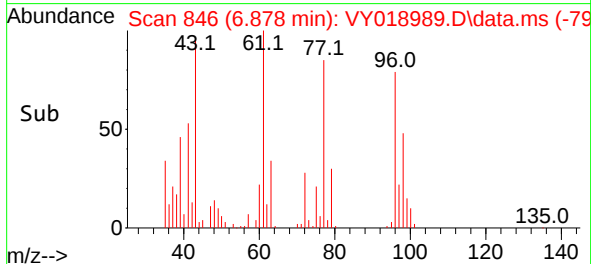
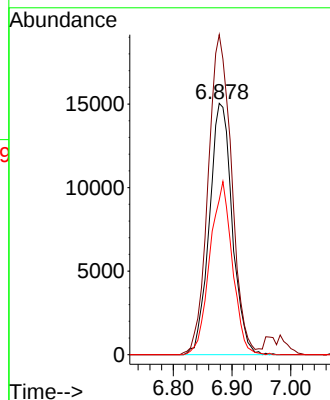
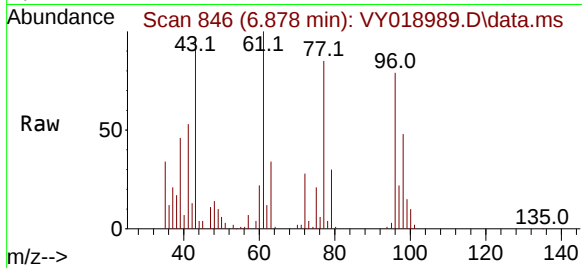


#27
 cis-1,2-Dichloroethene
 Concen: 49.710 ug/l
 RT: 6.878 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY018989.D
 Acq: 12 Aug 2024 09:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 40703

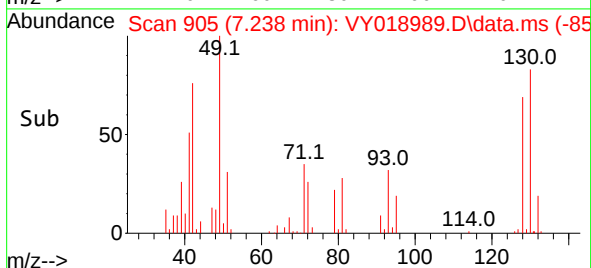
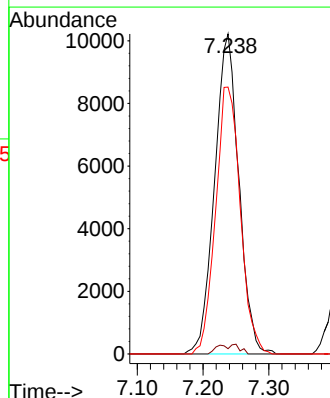
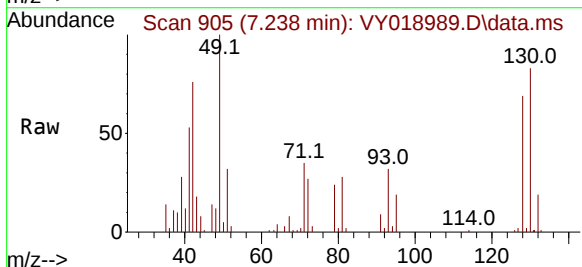
Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	256.2
98	67.3	0.0	130.0



#28
 Bromochloromethane
 Concen: 51.487 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY018989.D
 Acq: 12 Aug 2024 09:37

Tgt Ion: 49 Resp: 26223

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.6
130	84.8	72.7	109.1





#29

Tetrahydrofuran

Concen: 247.775 ug/l

RT: 7.256 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

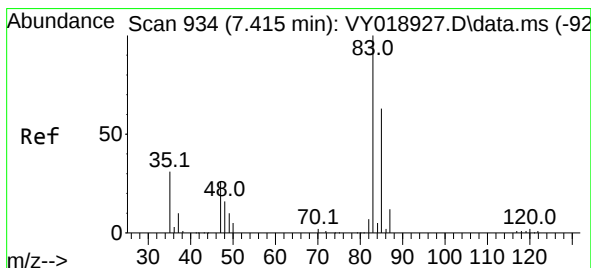
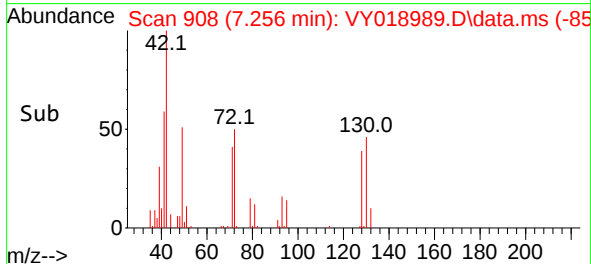
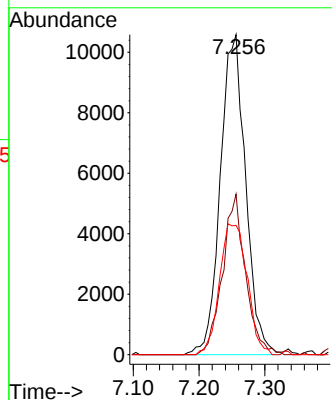
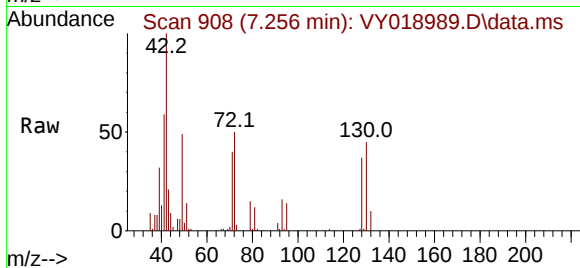
Tgt Ion: 42 Resp: 28351

Ion Ratio Lower Upper

42 100

72 45.7 43.0 64.4

71 44.6 40.8 61.2



#30

Chloroform

Concen: 51.436 ug/l

RT: 7.409 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY018989.D

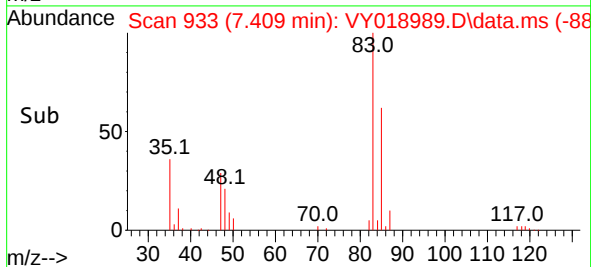
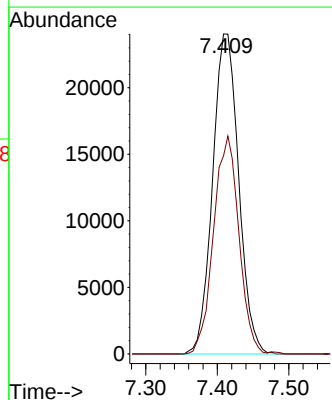
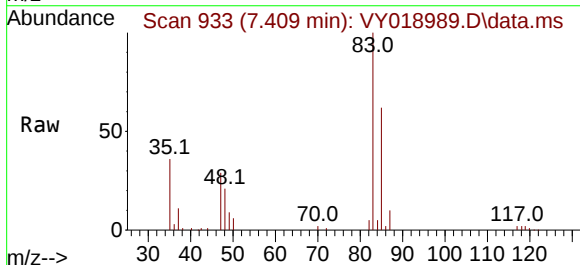
Acq: 12 Aug 2024 09:37

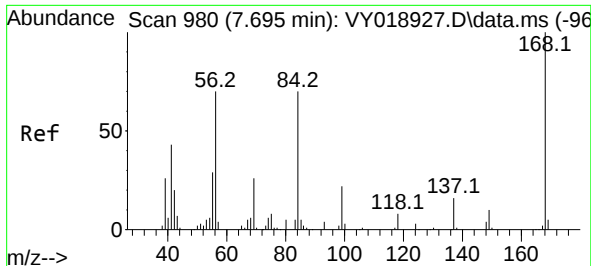
Tgt Ion: 83 Resp: 60870

Ion Ratio Lower Upper

83 100

85 61.9 52.2 78.4

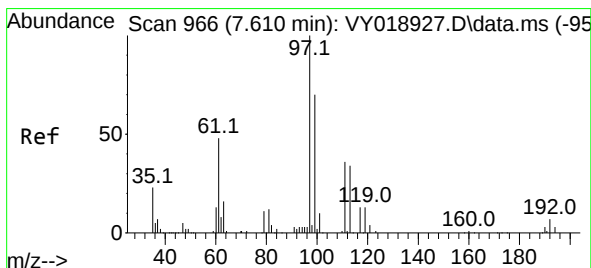
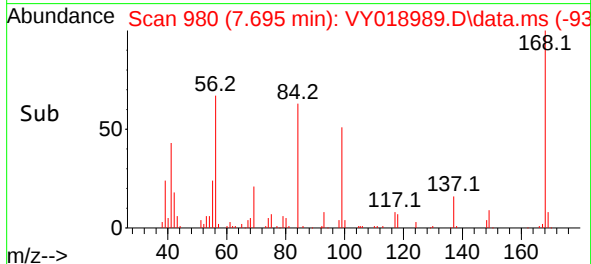
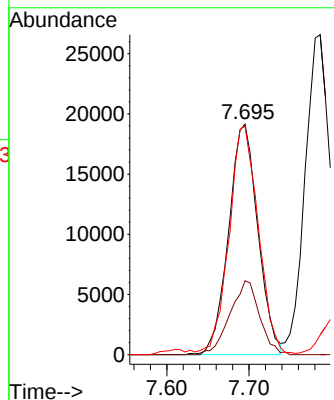
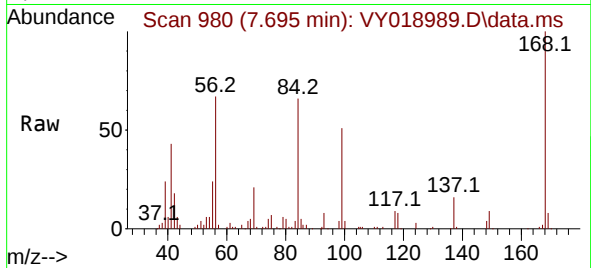




#31
Cyclohexane
Concen: 50.677 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

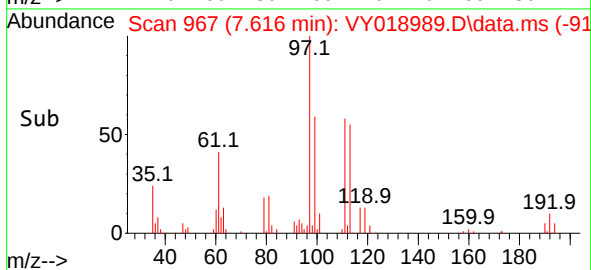
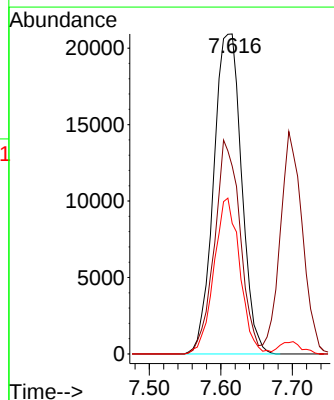
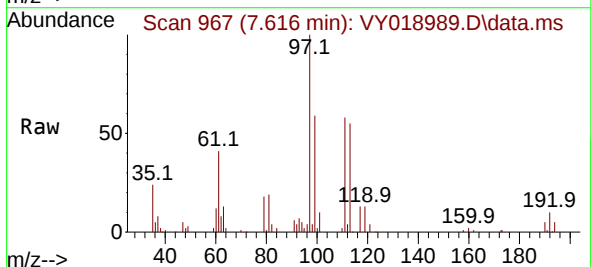
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 47446
Ion Ratio Lower Upper
56 100
69 32.0 28.7 43.1
84 96.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 53.132 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 97 Resp: 56836
Ion Ratio Lower Upper
97 100
99 61.2 50.3 75.5
61 45.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.719 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

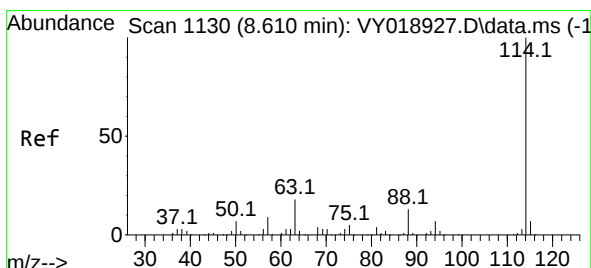
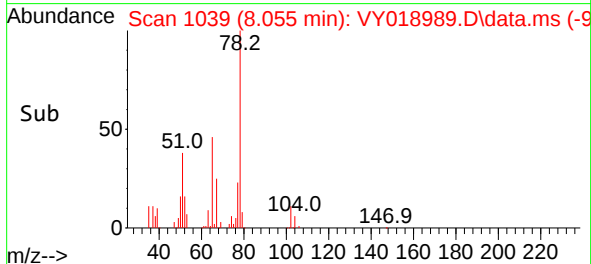
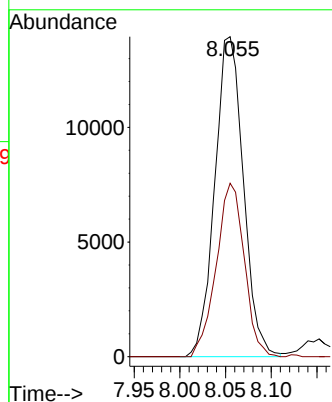
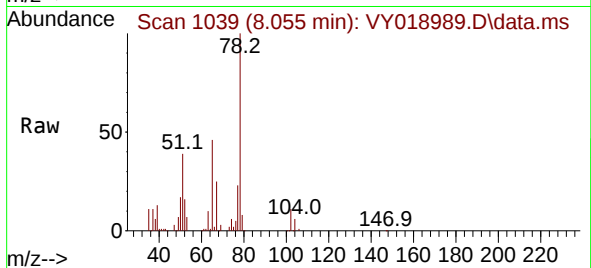
VSTDCCC050

Tgt Ion: 65 Resp: 30397

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

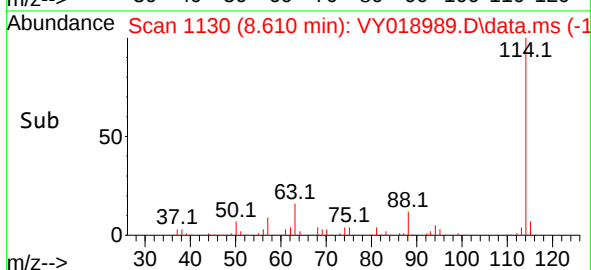
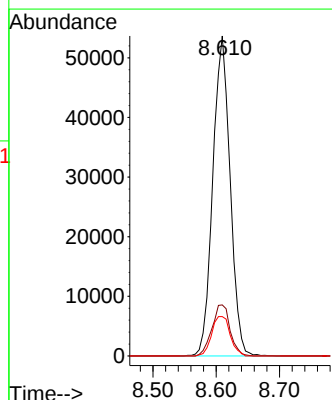
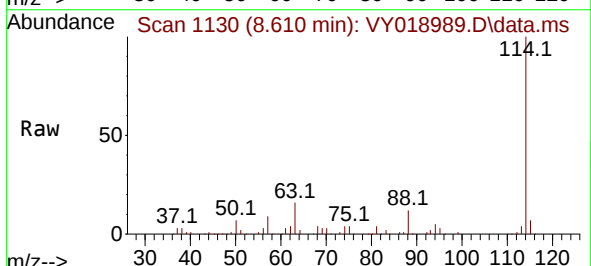
Tgt Ion: 114 Resp: 101892

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 12.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.521 ug/l

RT: 7.622 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

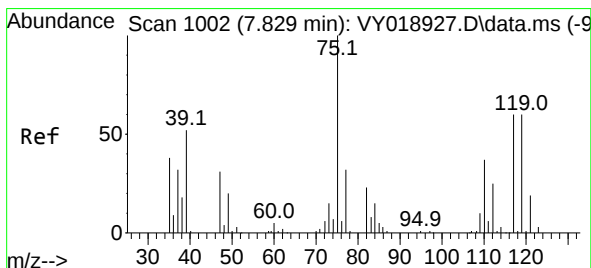
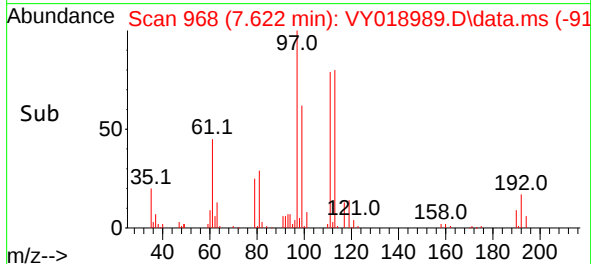
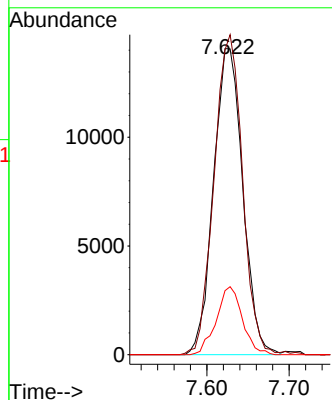
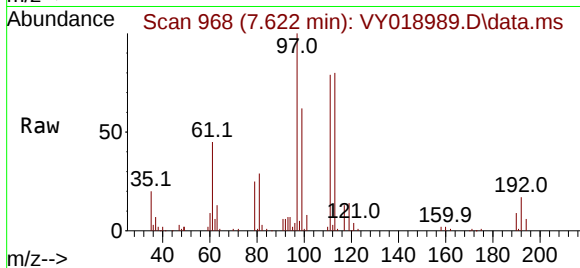
Tgt Ion:113 Resp: 34830

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 19.8 15.9 23.9



#36

1,1-Dichloropropene

Concen: 50.288 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

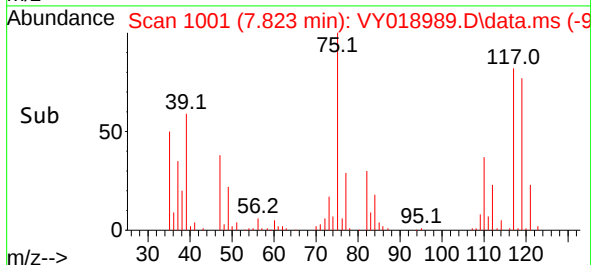
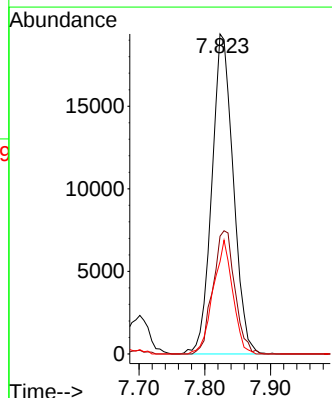
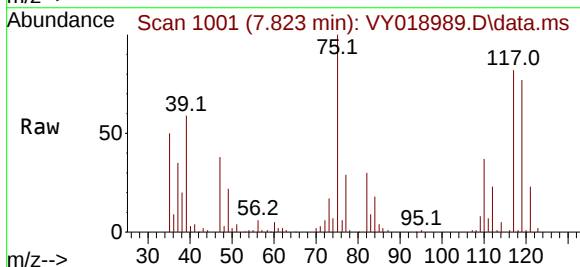
Tgt Ion: 75 Resp: 43930

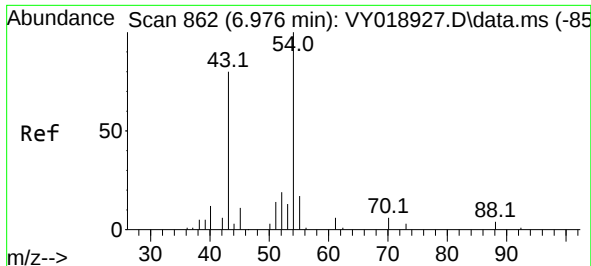
Ion Ratio Lower Upper

75 100

110 39.6 19.0 57.0

77 32.6 25.3 37.9





#37

Ethyl Acetate

Concen: 50.956 ug/l

RT: 6.976 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

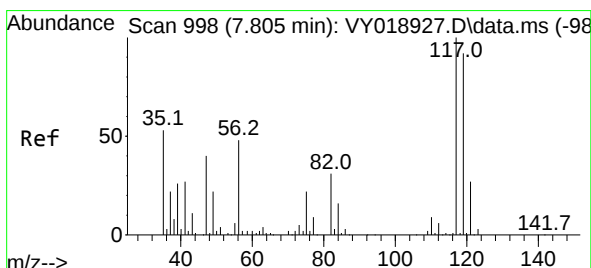
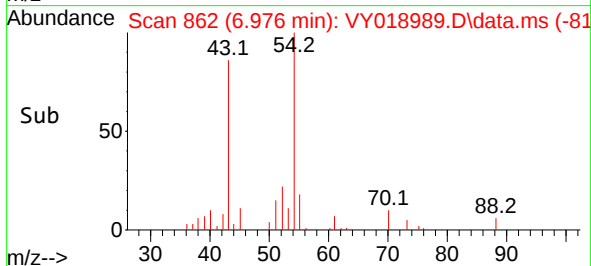
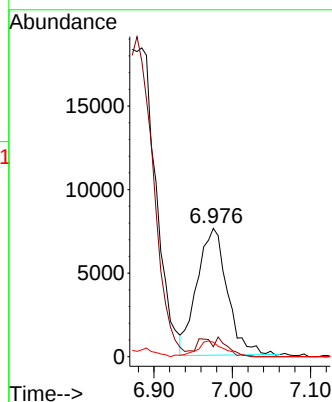
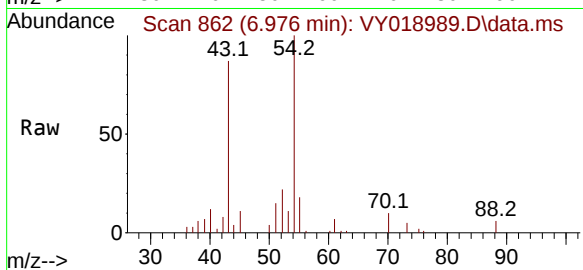
Tgt Ion: 43 Resp: 20346

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.031 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

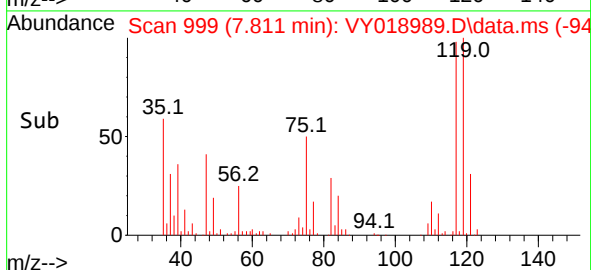
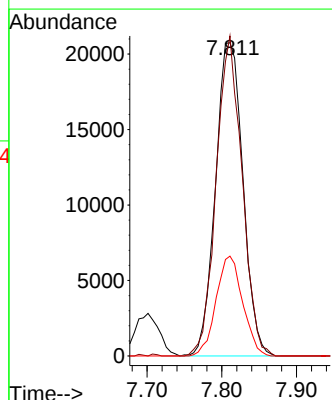
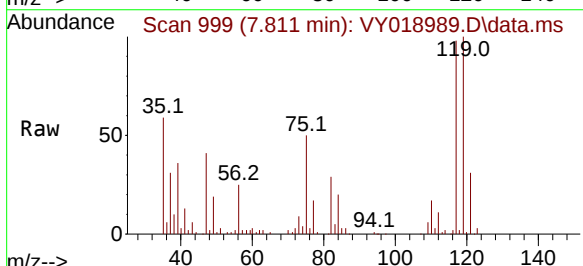
Tgt Ion: 117 Resp: 53116

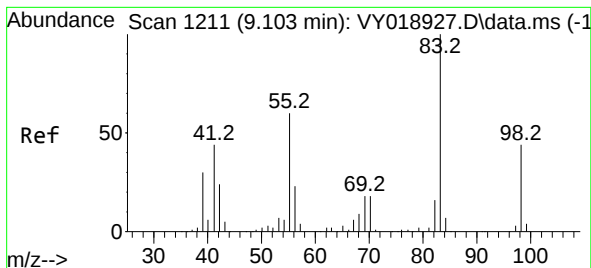
Ion Ratio Lower Upper

117 100

119 102.1 75.8 113.6

121 31.9 24.0 36.0





#39

Methylcyclohexane

Concen: 50.636 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

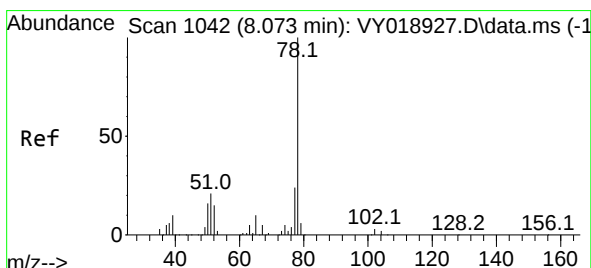
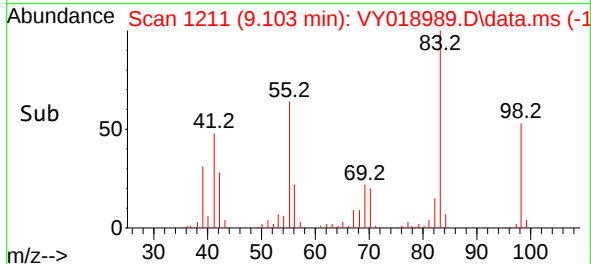
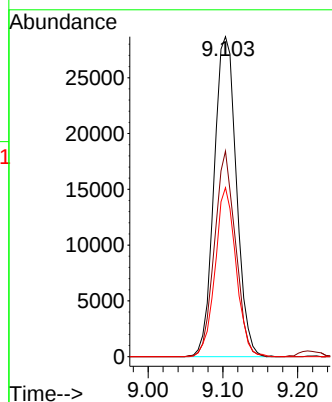
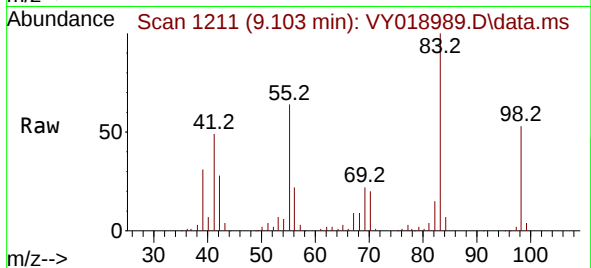
Tgt Ion: 83 Resp: 59541

Ion Ratio Lower Upper

83 100

55 64.3 51.5 77.3

98 52.8 40.5 60.7



#40

Benzene

Concen: 52.614 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY018989.D

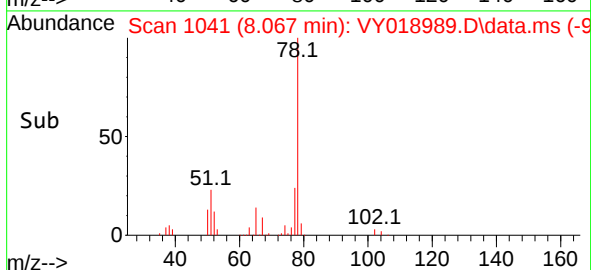
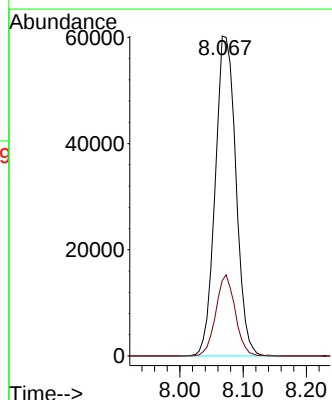
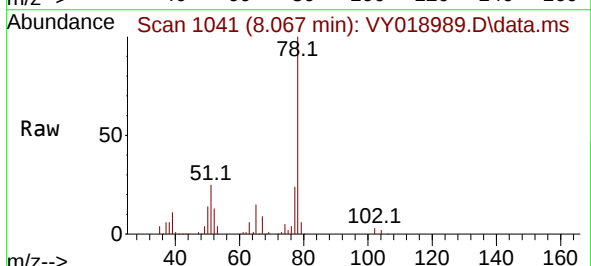
Acq: 12 Aug 2024 09:37

Tgt Ion: 78 Resp: 136657

Ion Ratio Lower Upper

78 100

77 23.6 19.5 29.3



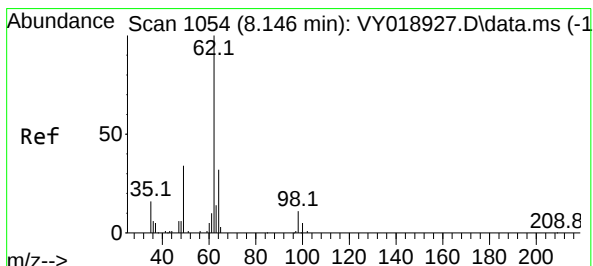
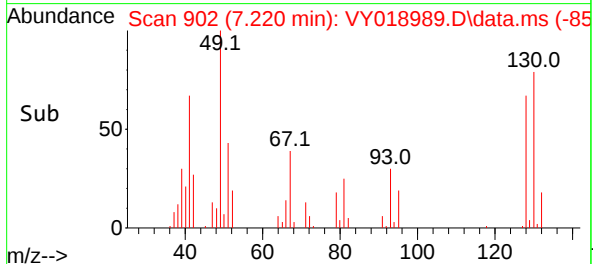
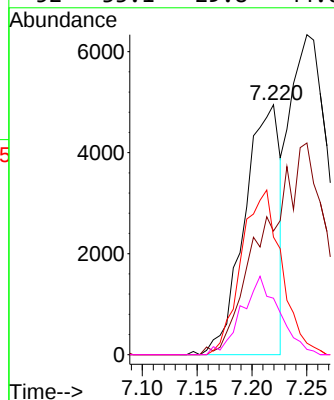
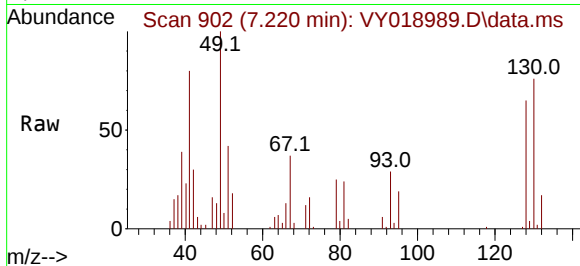


#41
Methacrylonitrile
Concen: 62.746 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 11150

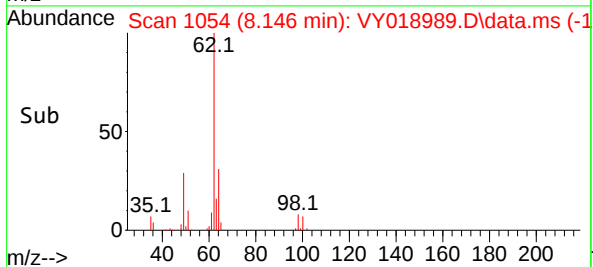
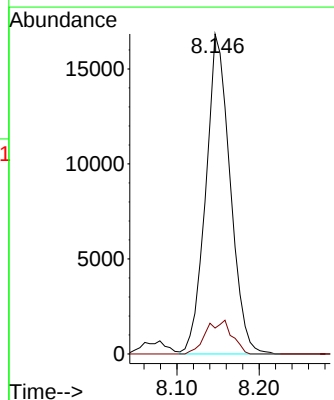
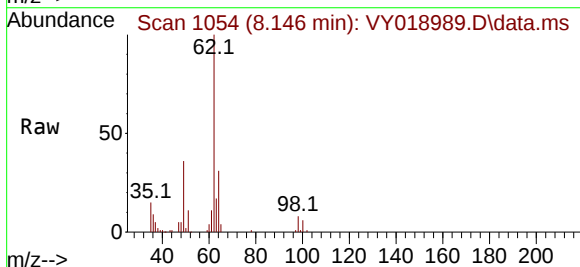
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	74.5	75.1	112.7#
52	33.1	29.8	44.6

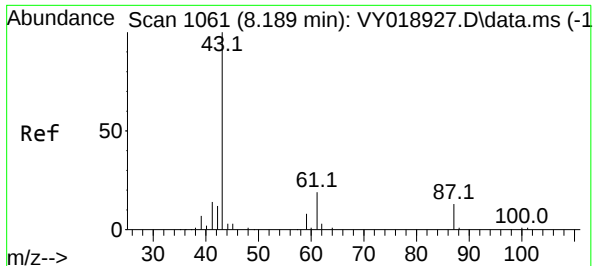


#42
1,2-Dichloroethane
Concen: 53.559 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 62 Resp: 34631

Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.0

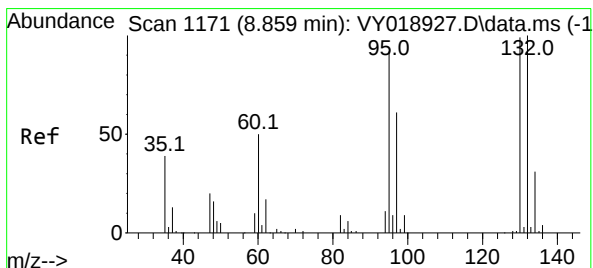
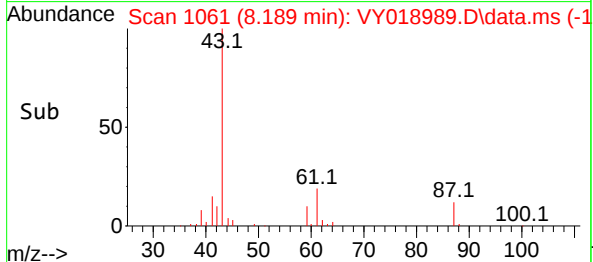
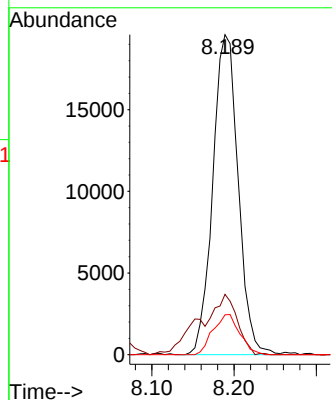
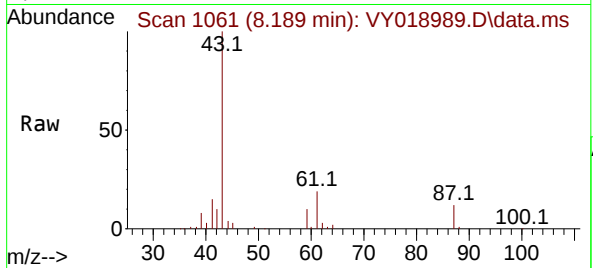




#43
Isopropyl Acetate
Concen: 51.787 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

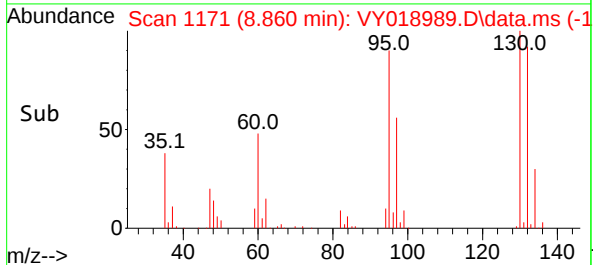
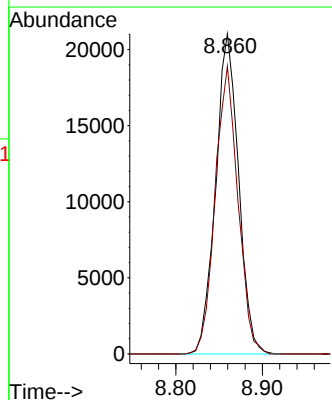
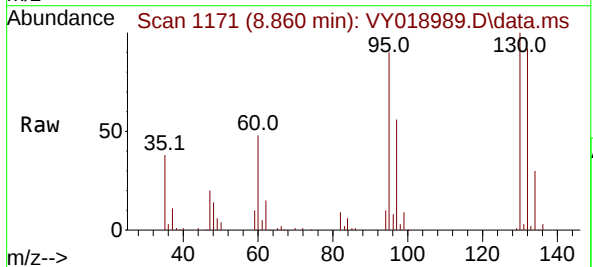
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 42052
Ion Ratio Lower Upper
43 100
61 27.7 27.9 41.9#
87 13.2 13.1 19.7



#44
Trichloroethene
Concen: 52.184 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion:130 Resp: 38635
Ion Ratio Lower Upper
130 100
95 89.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.363 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

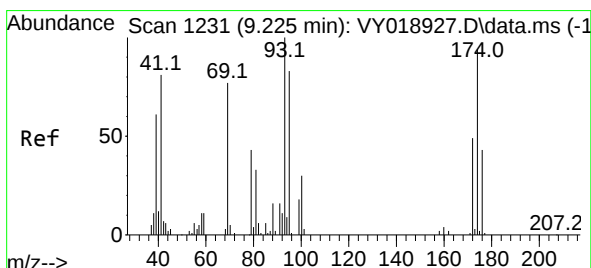
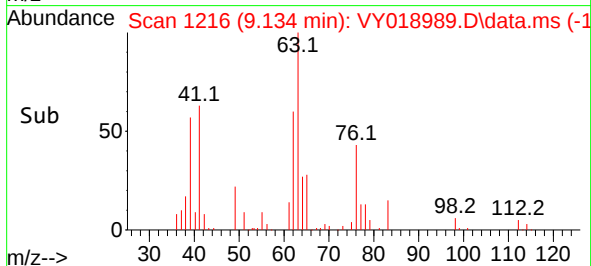
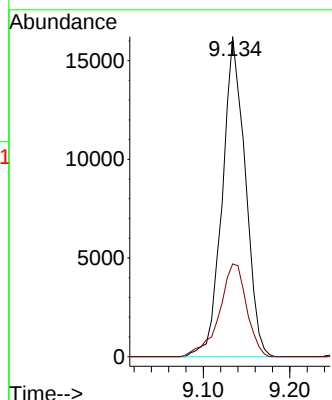
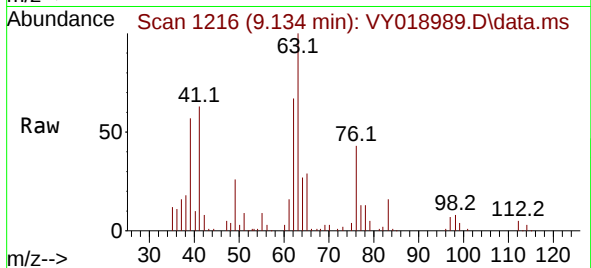
VSTDCCC050

Tgt Ion: 63 Resp: 29851

Ion Ratio Lower Upper

63 100

65 29.0 25.4 38.2



#46

Dibromomethane

Concen: 54.112 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

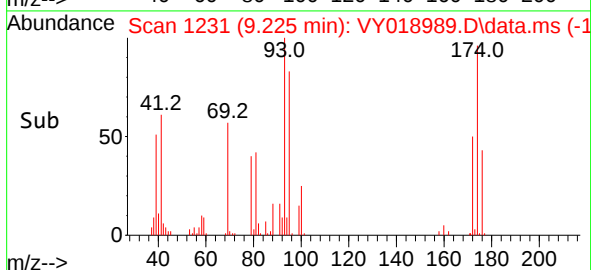
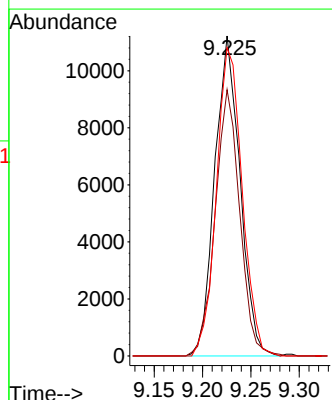
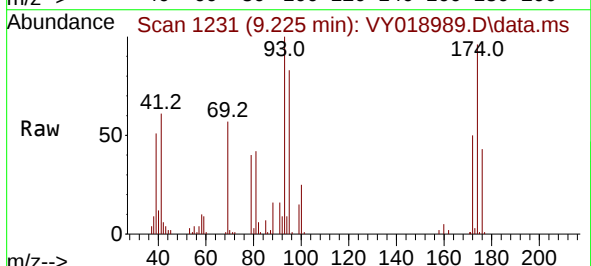
Tgt Ion: 93 Resp: 20320

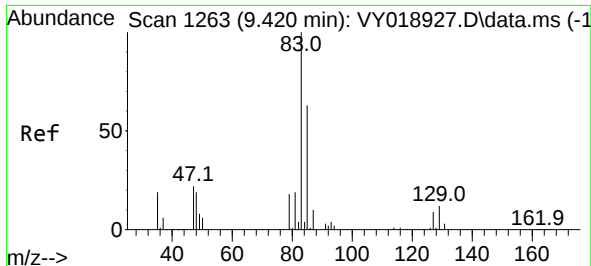
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.4

174 98.7 80.9 121.3

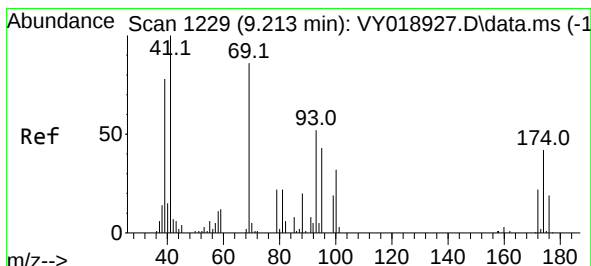
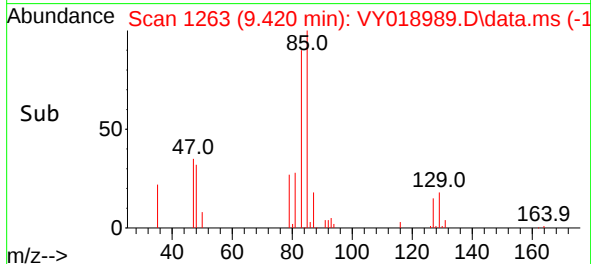
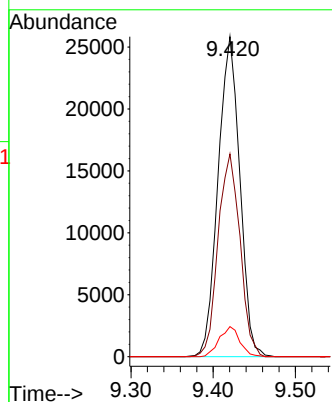
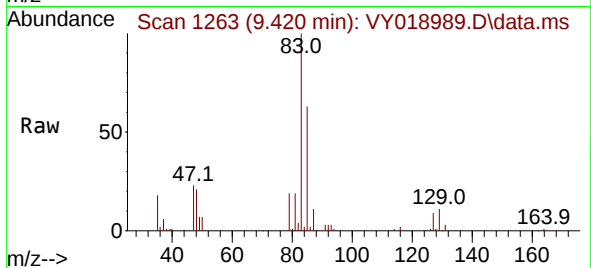




#47
Bromodichloromethane
Concen: 53.981 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

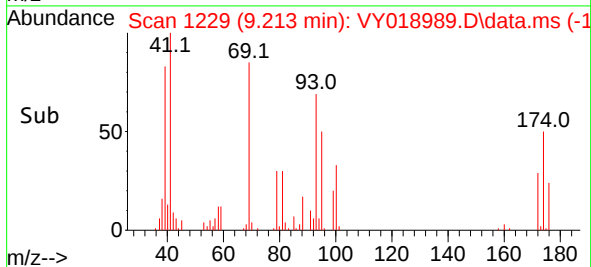
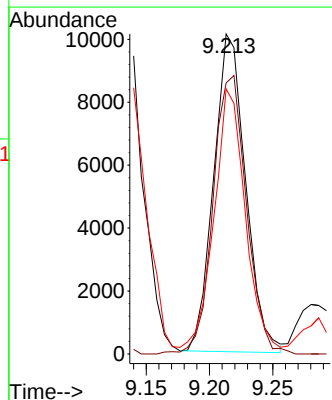
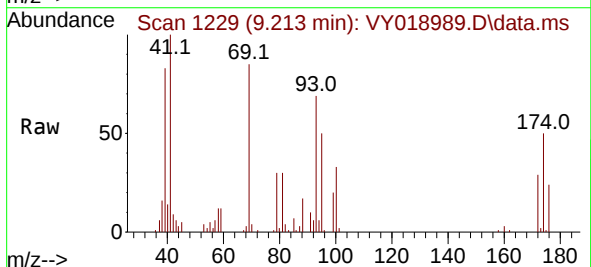
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

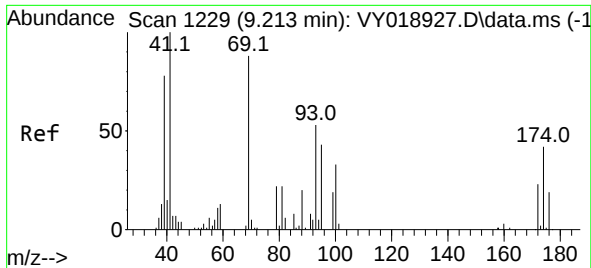
Tgt Ion: 83 Resp: 47437
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 9.4 7.4 11.0



#48
Methyl methacrylate
Concen: 49.848 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 41 Resp: 17683
Ion Ratio Lower Upper
41 100
69 91.8 84.1 126.1
39 78.8 43.6 65.4

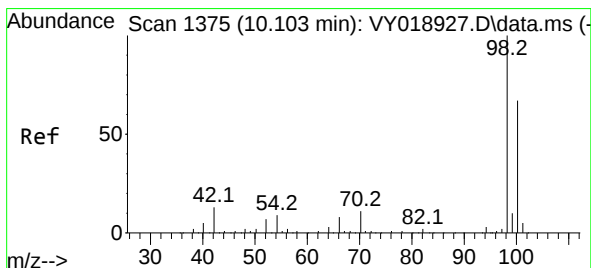
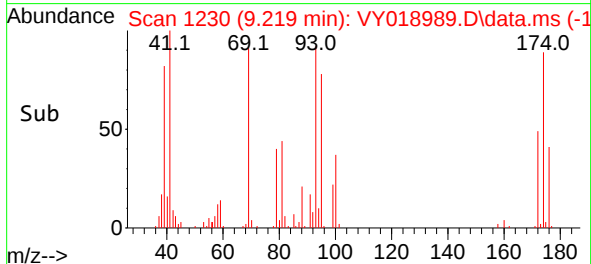
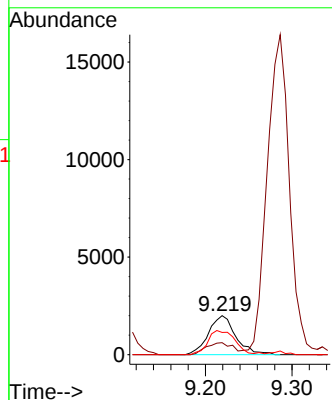
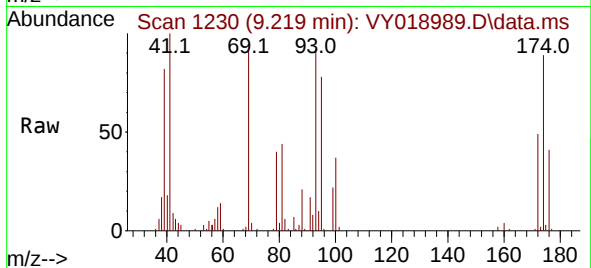




#49
1,4-Dioxane
Concen: 987.476 ug/l
RT: 9.219 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

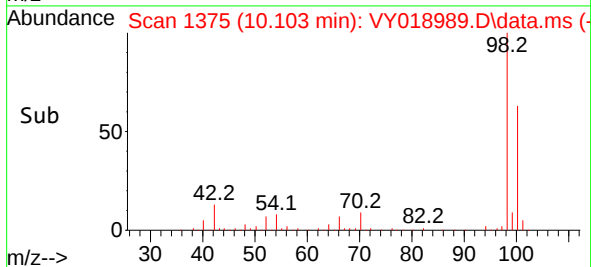
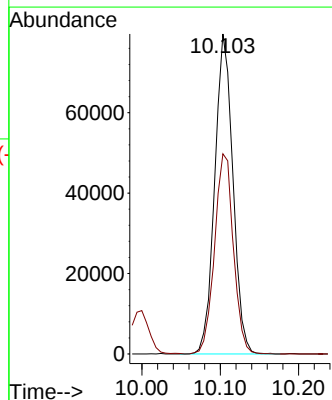
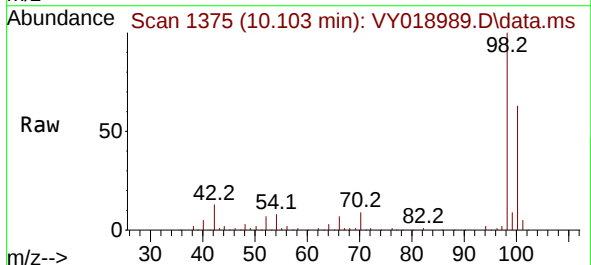
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

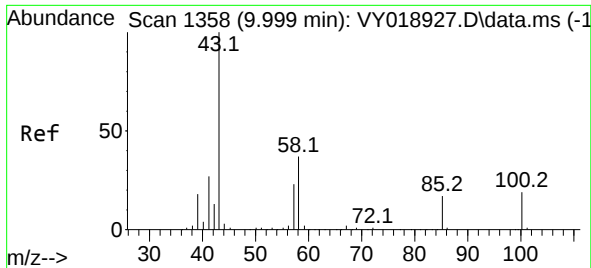
Tgt Ion: 88 Resp: 4381
Ion Ratio Lower Upper
88 100
43 29.3 0.0 0.0#
58 60.8 49.3 73.9



#50
Toluene-d8
Concen: 51.311 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 98 Resp: 128259
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 258.067 ug/l

RT: 9.994 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

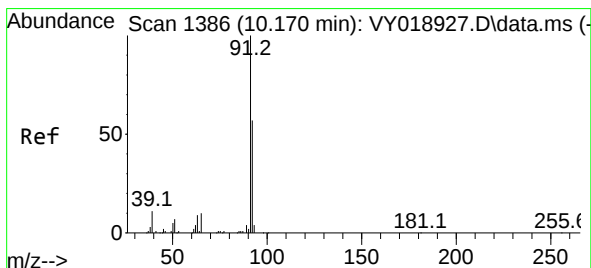
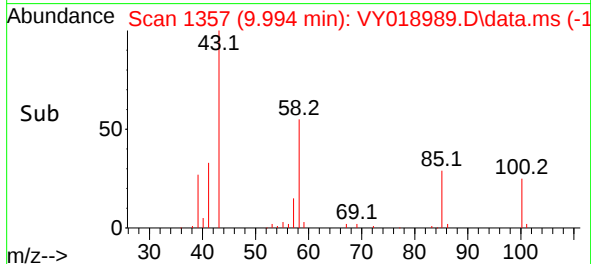
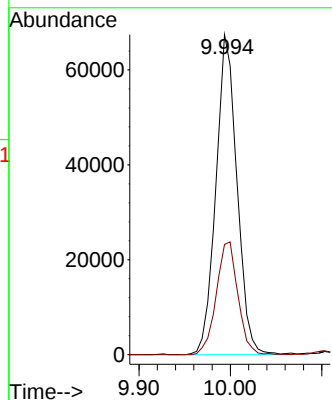
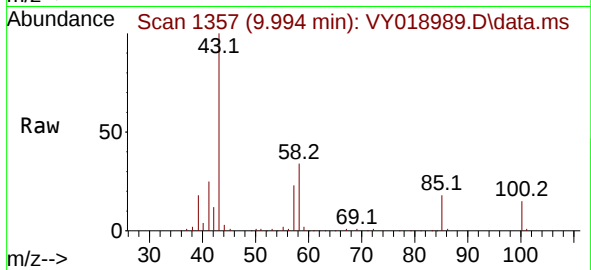
VSTDCCC050

Tgt Ion: 43 Resp: 108075

Ion Ratio Lower Upper

43 100

58 36.2 35.7 53.5



#52

Toluene

Concen: 53.710 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY018989.D

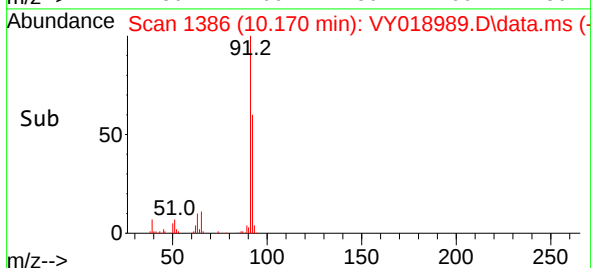
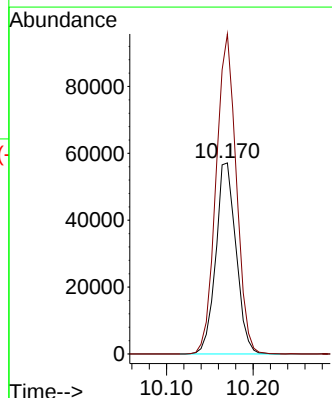
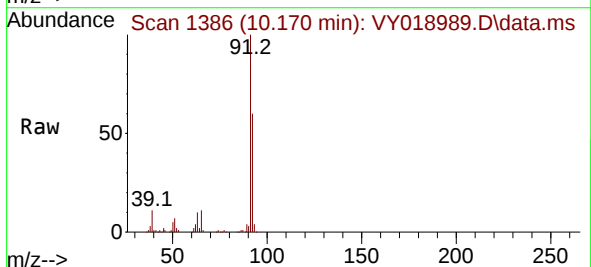
Acq: 12 Aug 2024 09:37

Tgt Ion: 92 Resp: 92667

Ion Ratio Lower Upper

92 100

91 167.4 139.0 208.6

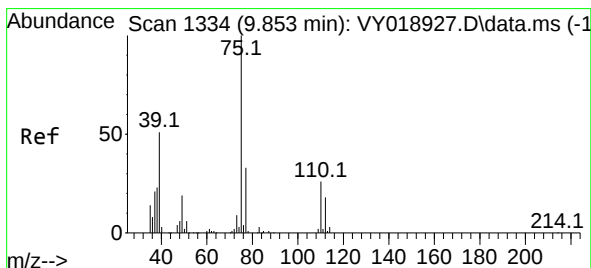
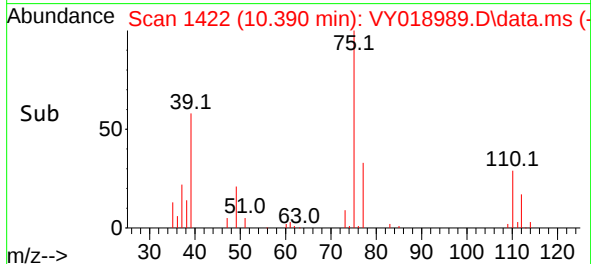
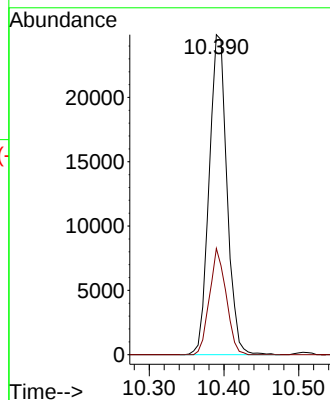
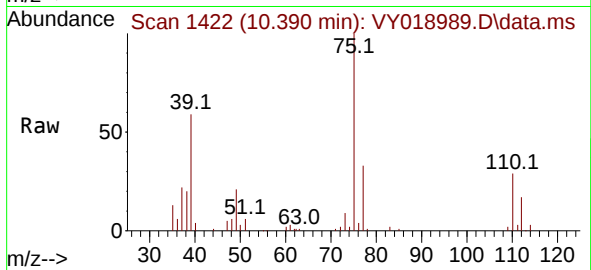




#53
 t-1,3-Dichloropropene
 Concen: 52.488 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY018989.D
 Acq: 12 Aug 2024 09:37

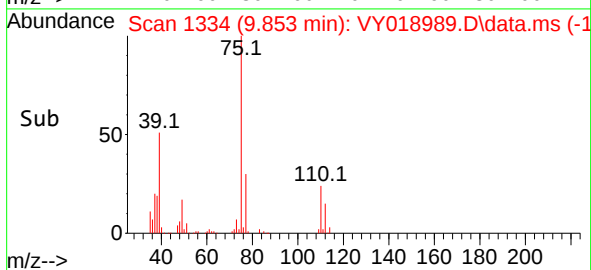
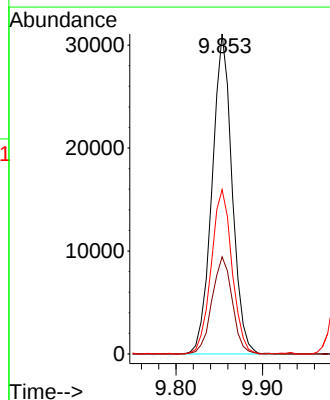
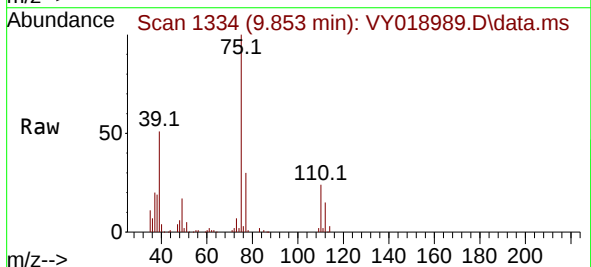
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

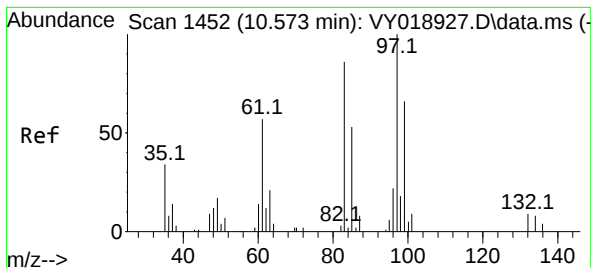
Tgt Ion: 75 Resp: 41133
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 53.569 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY018989.D
 Acq: 12 Aug 2024 09:37

Tgt Ion: 75 Resp: 49866
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0
 39 51.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 53.760 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 24792

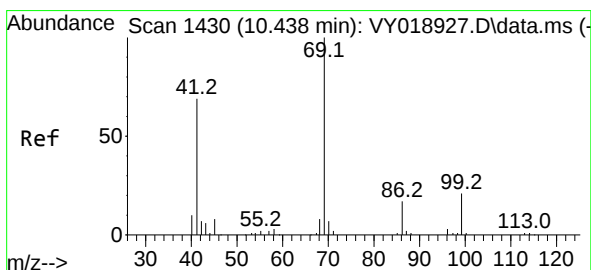
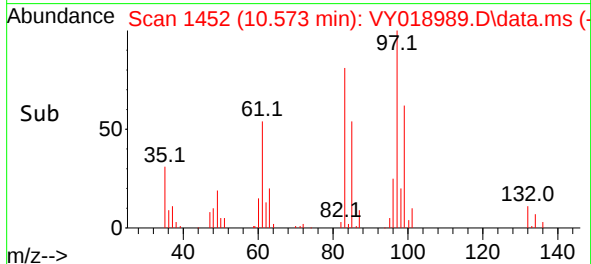
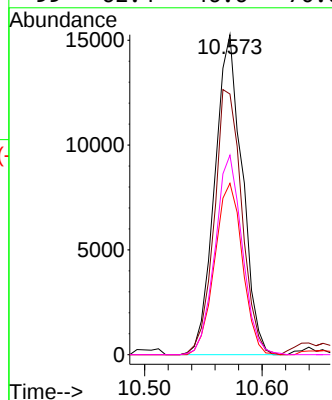
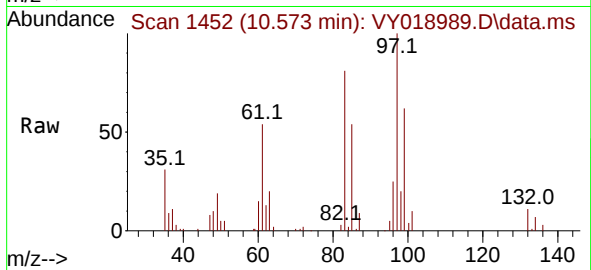
Ion Ratio Lower Upper

97 100

83 81.5 67.5 101.3

85 53.6 42.9 64.3

99 62.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 49.141 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

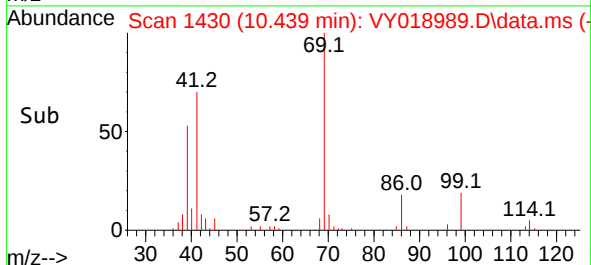
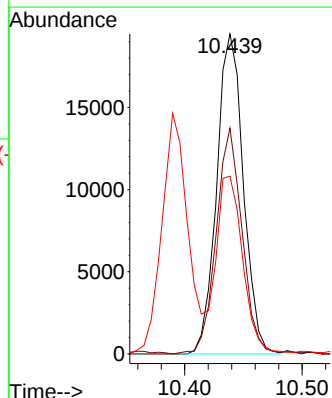
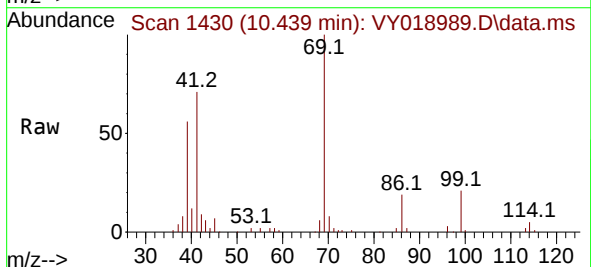
Tgt Ion: 69 Resp: 30684

Ion Ratio Lower Upper

69 100

41 68.7 42.3 63.5#

39 55.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 51.904 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

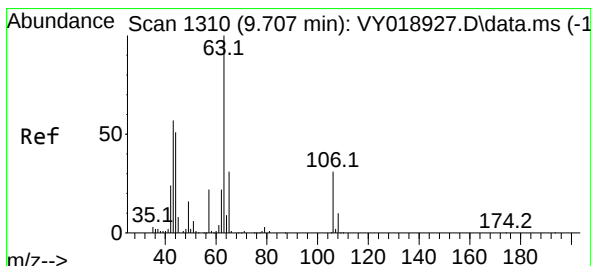
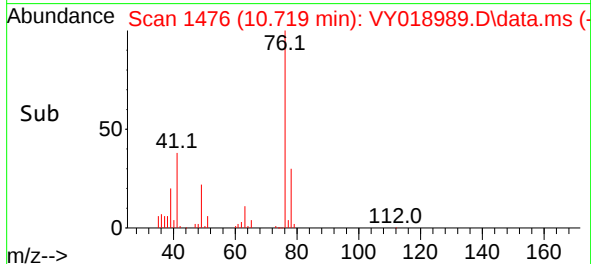
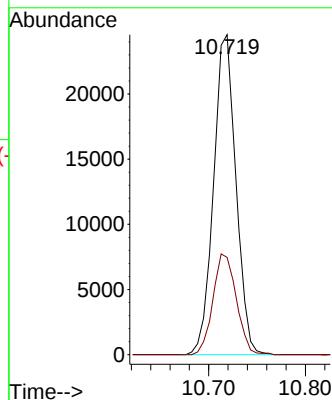
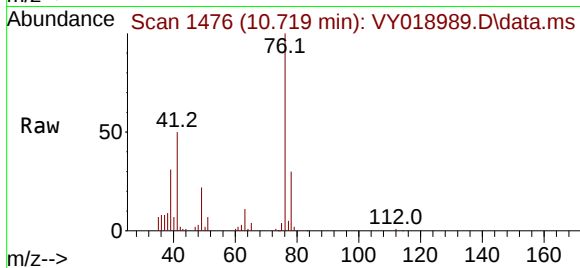
VSTDCCC050

Tgt Ion: 76 Resp: 39410

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 246.397 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY018989.D

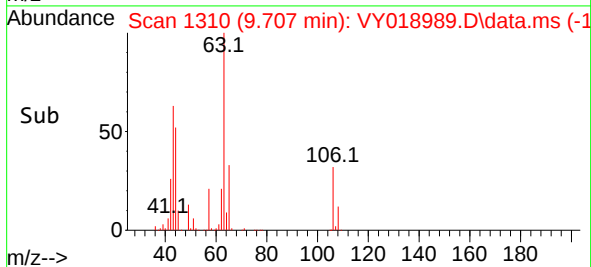
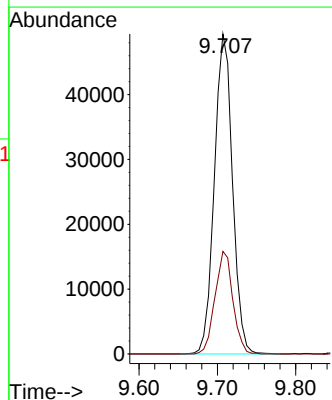
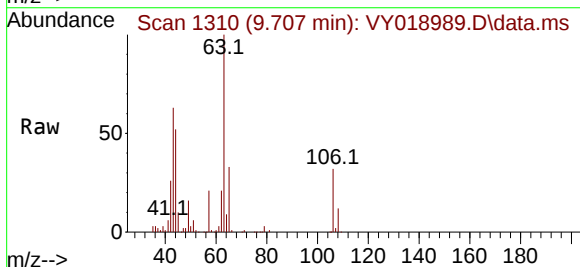
Acq: 12 Aug 2024 09:37

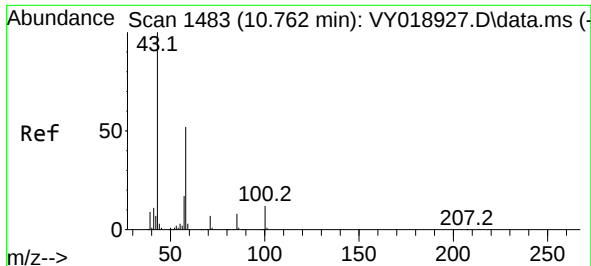
Tgt Ion: 63 Resp: 79316

Ion Ratio Lower Upper

63 100

106 31.7 23.7 35.5

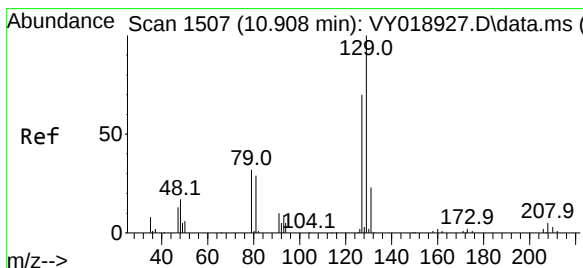
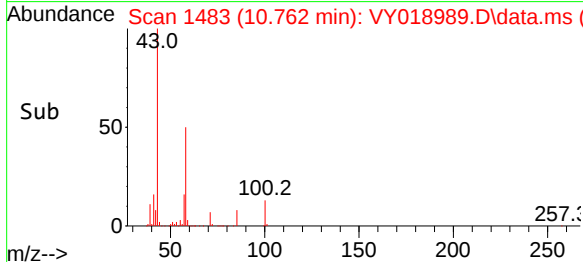
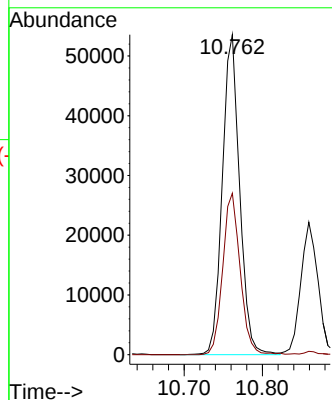
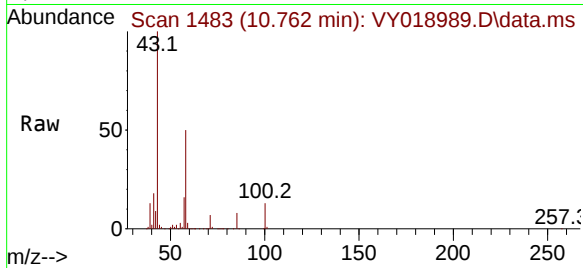




#59
2-Hexanone
Concen: 273.802 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

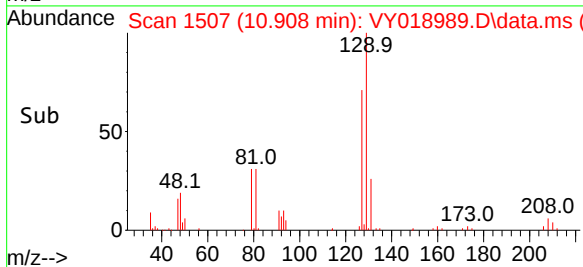
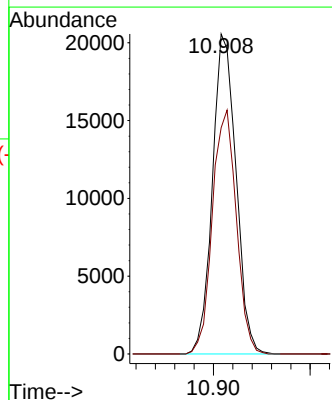
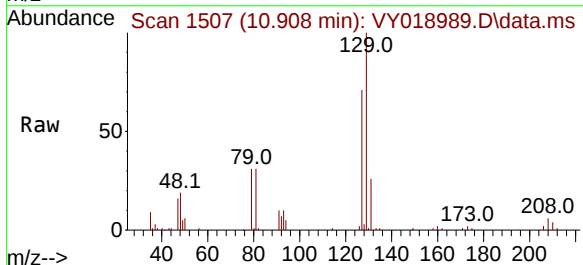
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

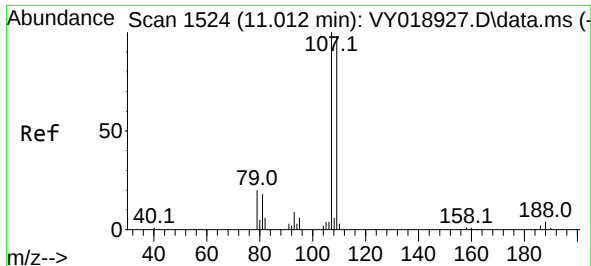
Tgt Ion: 43 Resp: 82253
Ion Ratio Lower Upper
43 100
58 51.0 31.4 94.0



#60
Dibromochloromethane
Concen: 56.203 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion:129 Resp: 34749
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.747 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

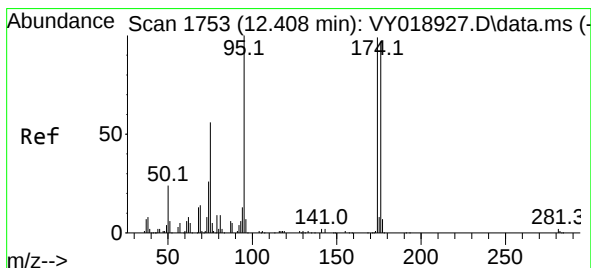
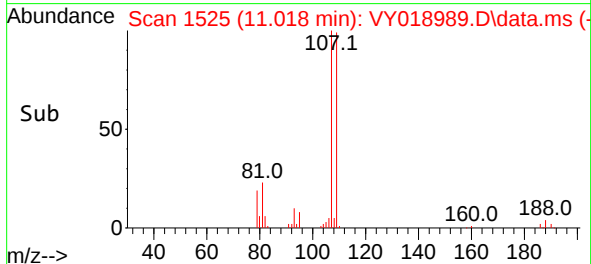
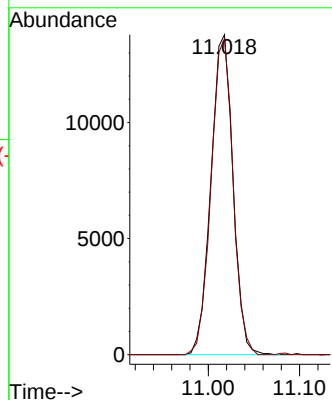
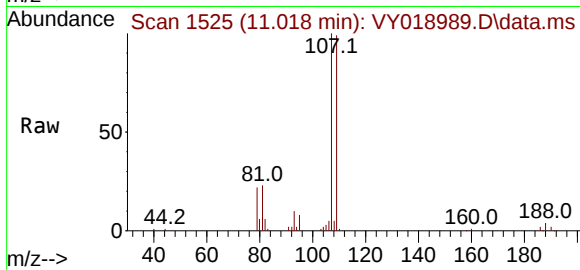
VSTDCCC050

Tgt Ion:107 Resp: 23042

Ion Ratio Lower Upper

107 100

109 98.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.343 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

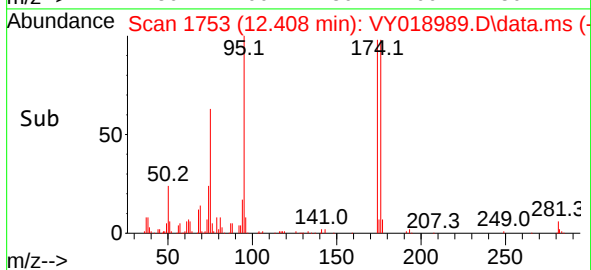
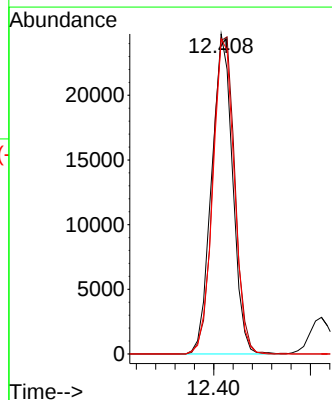
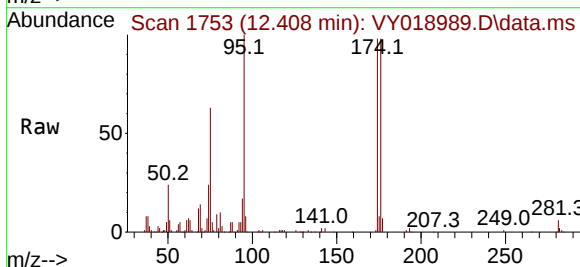
Tgt Ion: 95 Resp: 37334

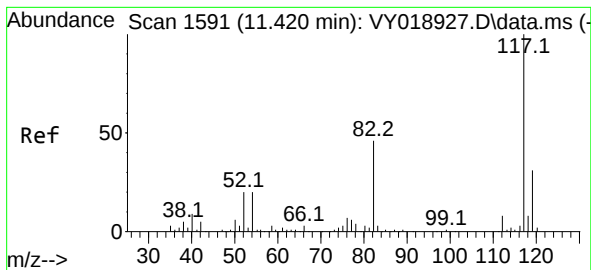
Ion Ratio Lower Upper

95 100

174 104.1 0.0 175.6

176 100.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

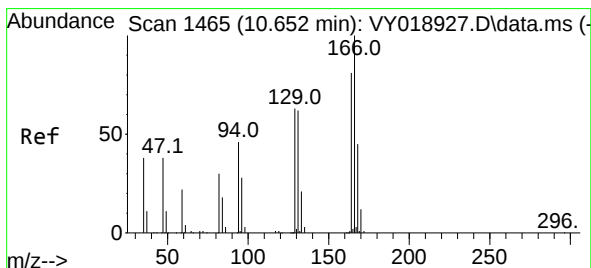
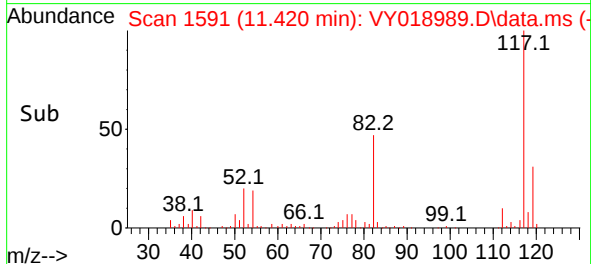
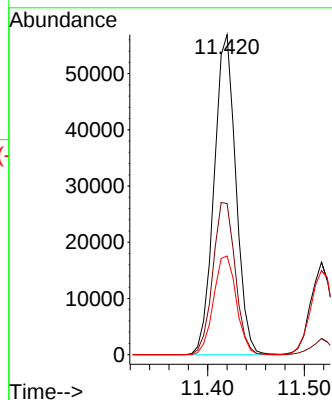
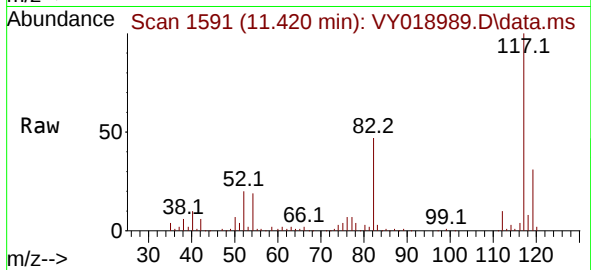
Tgt Ion:117 Resp: 88980

Ion Ratio Lower Upper

117 100

82 47.3 42.4 63.6

119 30.8 25.9 38.9



#64

Tetrachloroethene

Concen: 52.139 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Tgt Ion:164 Resp: 38891

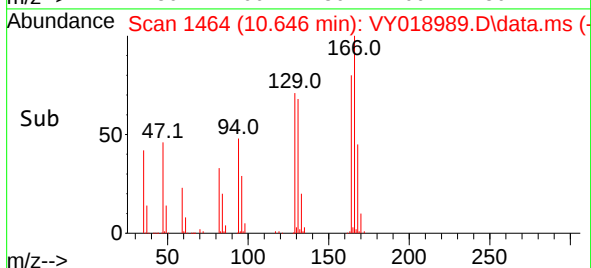
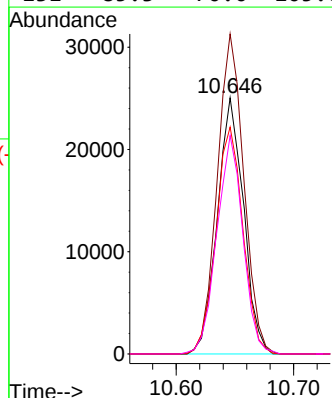
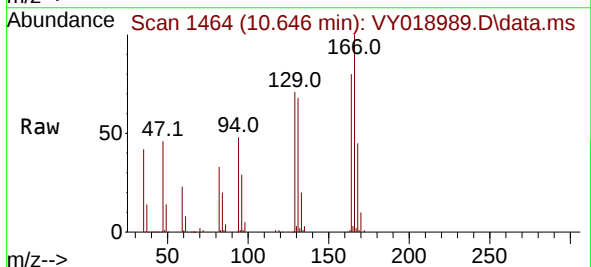
Ion Ratio Lower Upper

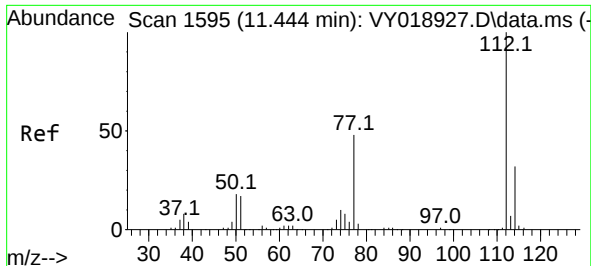
164 100

166 124.9 102.6 154.0

129 88.6 72.0 108.0

131 85.3 70.0 105.0

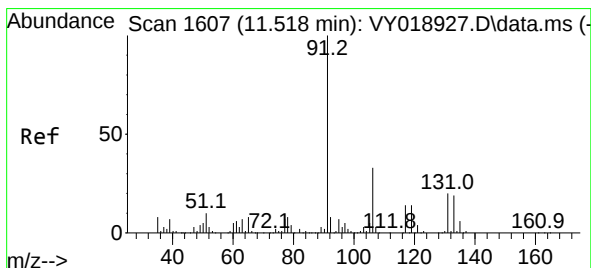
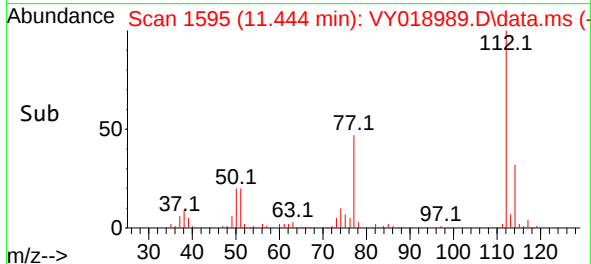
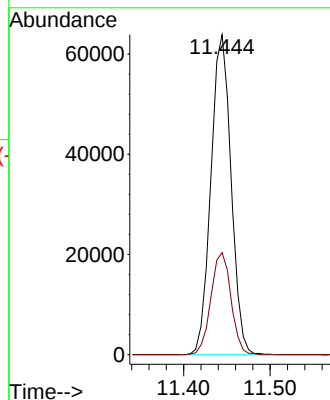
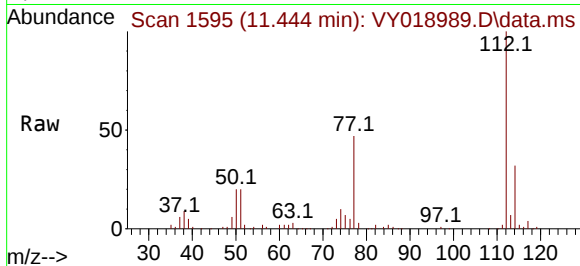




#65
Chlorobenzene
Concen: 52.835 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

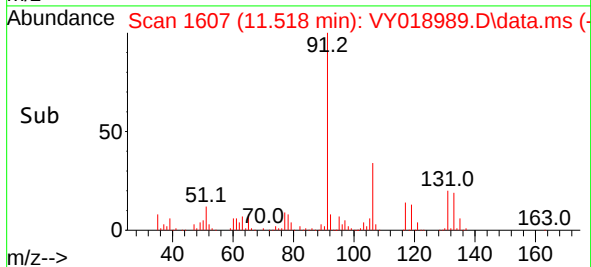
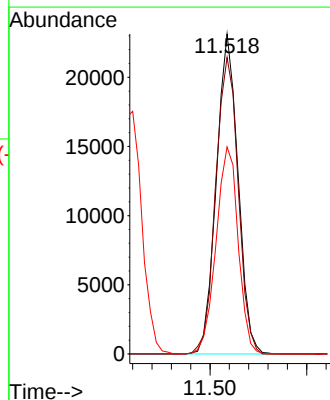
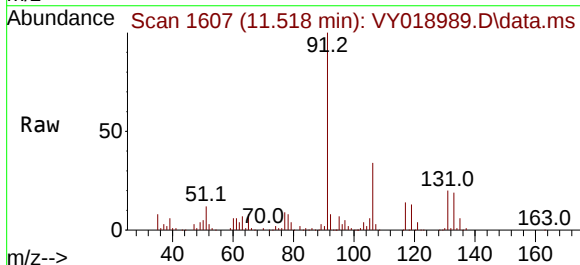
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

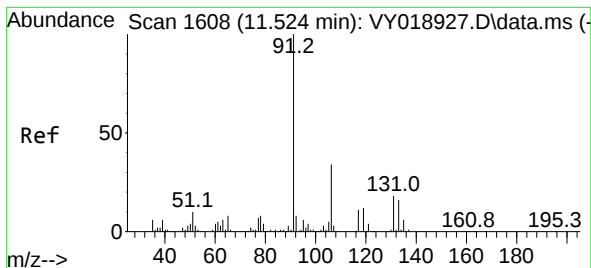
Tgt Ion:112 Resp: 103222
Ion Ratio Lower Upper
112 100
114 31.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.592 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion:131 Resp: 35938
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 65.9 34.1 102.2





#67

Ethyl Benzene

Concen: 51.702 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

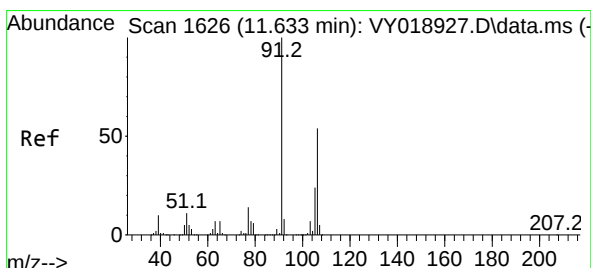
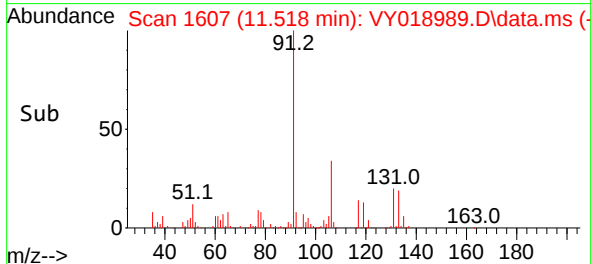
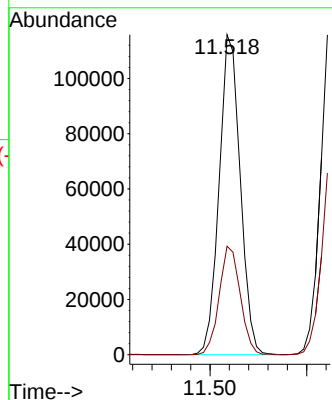
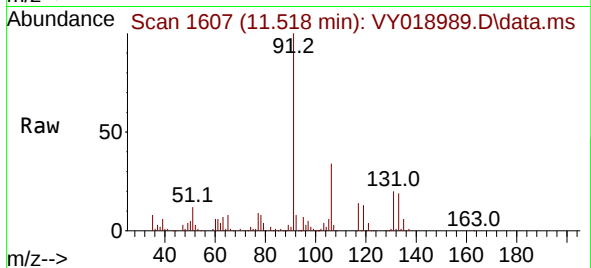
VSTDCCC050

Tgt Ion: 91 Resp: 174879

Ion Ratio Lower Upper

91 100

106 33.9 24.5 36.7



#68

m/p-Xylenes

Concen: 106.643 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY018989.D

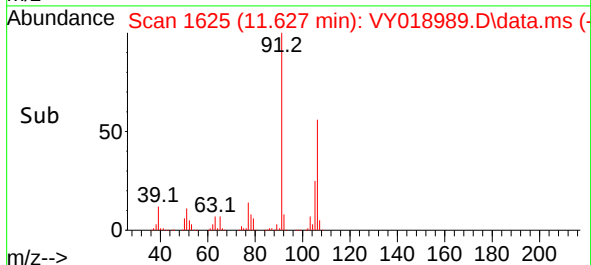
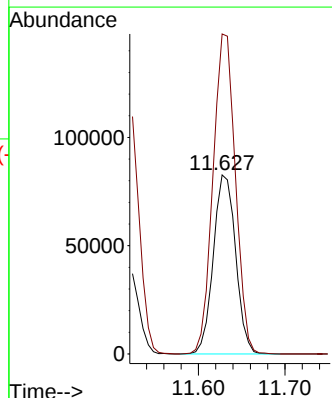
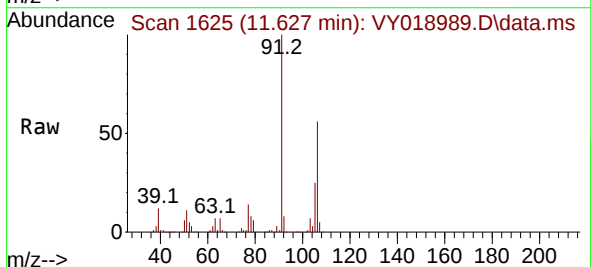
Acq: 12 Aug 2024 09:37

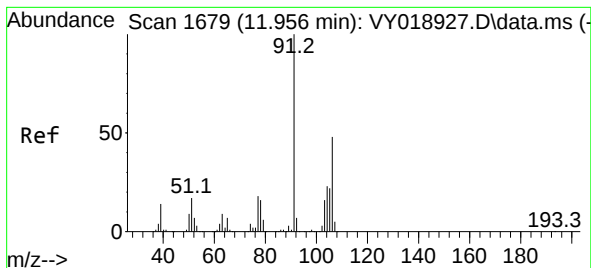
Tgt Ion:106 Resp: 147913

Ion Ratio Lower Upper

106 100

91 179.8 156.0 234.0





#69

o-Xylene

Concen: 54.089 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

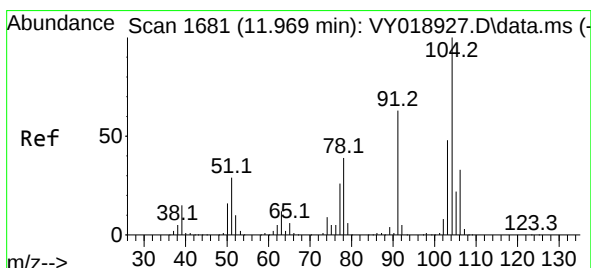
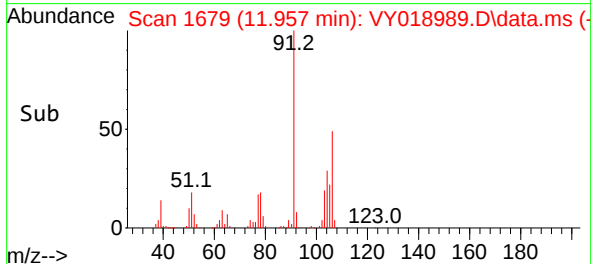
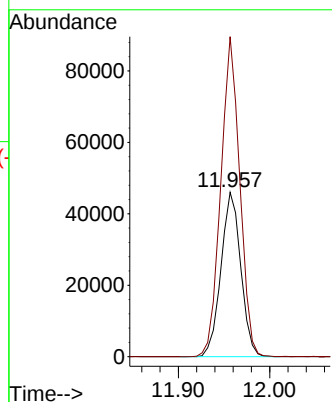
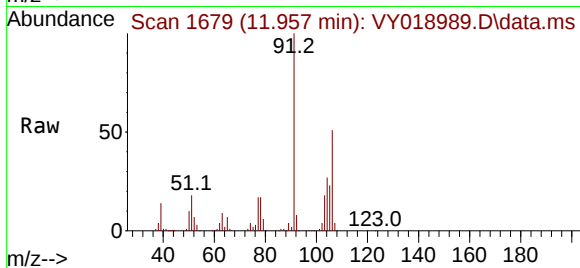
VSTDCCC050

Tgt Ion:106 Resp: 69240

Ion Ratio Lower Upper

106 100

91 187.2 103.6 310.8



#70

Styrene

Concen: 53.886 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

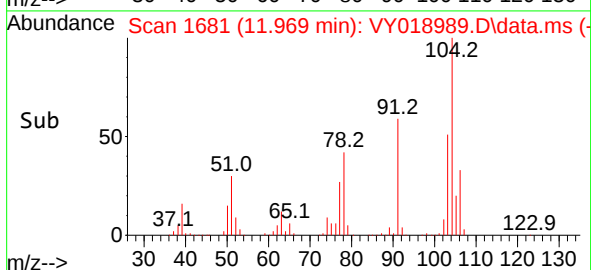
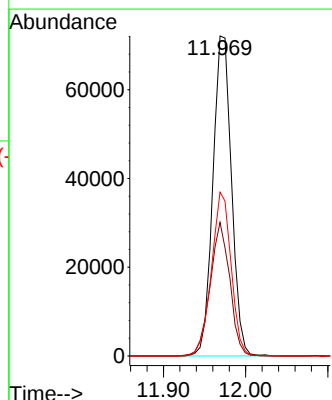
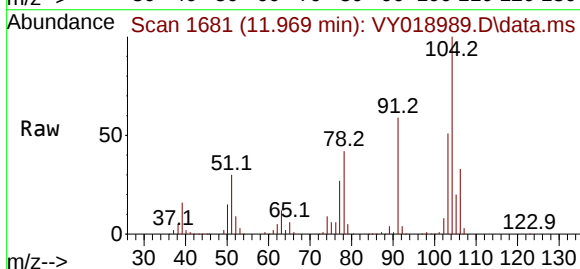
Tgt Ion:104 Resp: 113617

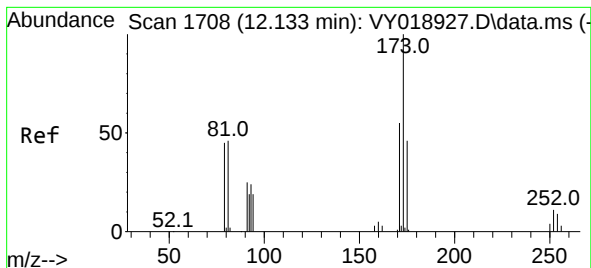
Ion Ratio Lower Upper

104 100

78 43.9 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 56.682 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

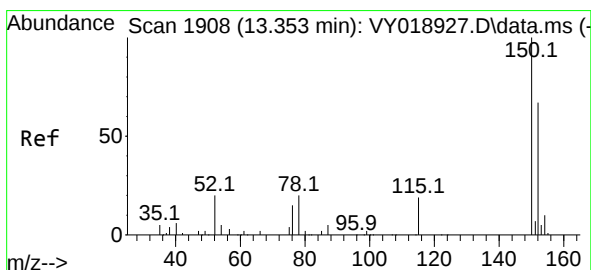
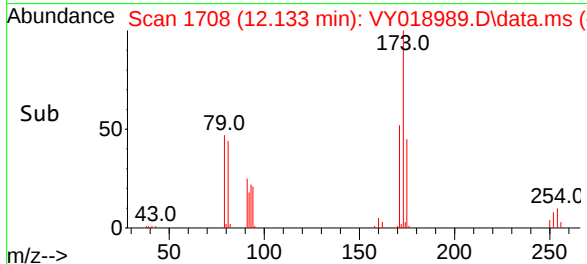
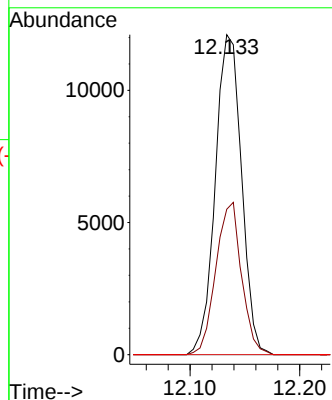
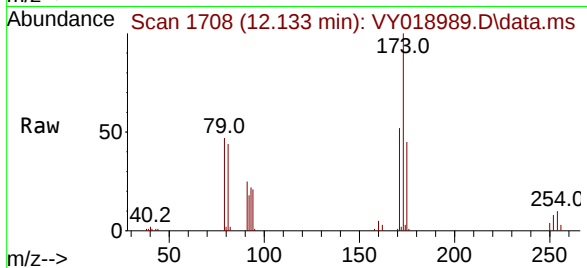
Tgt Ion:173 Resp: 20142

Ion Ratio Lower Upper

173 100

175 46.5 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

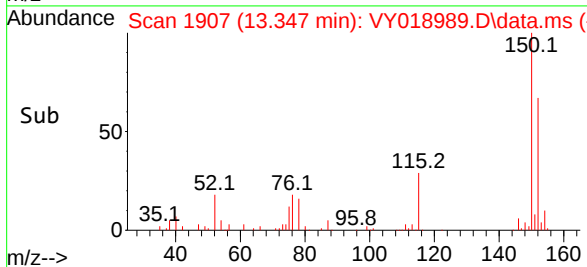
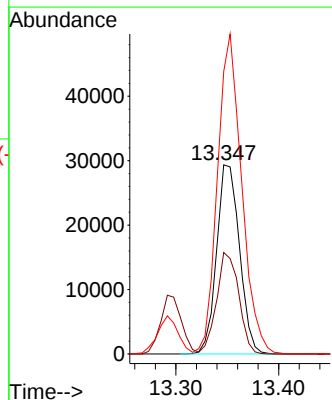
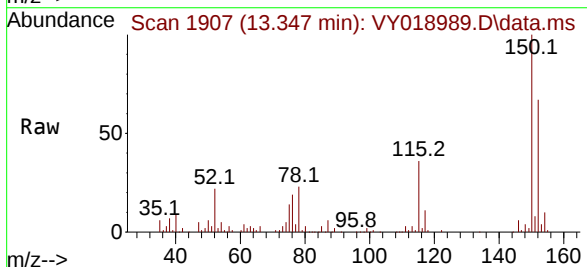
Tgt Ion:152 Resp: 45306

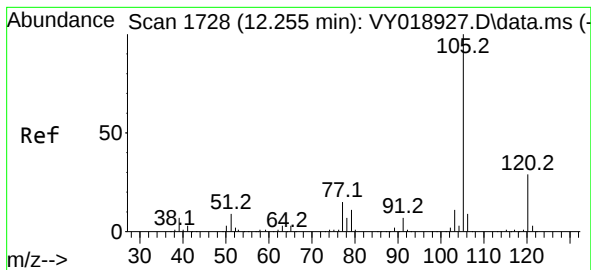
Ion Ratio Lower Upper

152 100

115 51.9 28.2 84.7

150 179.2 0.0 345.6





#73

Isopropylbenzene

Concen: 50.865 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

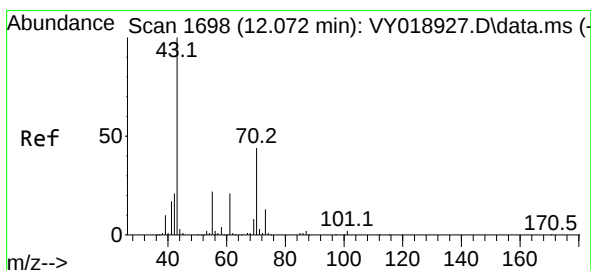
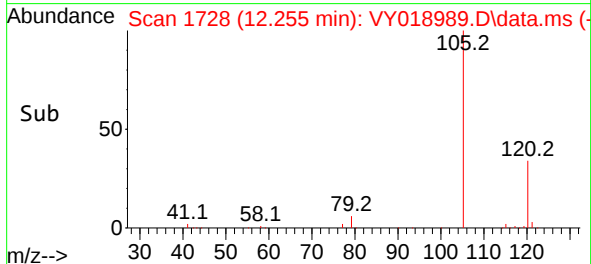
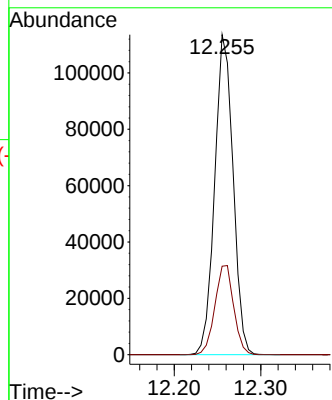
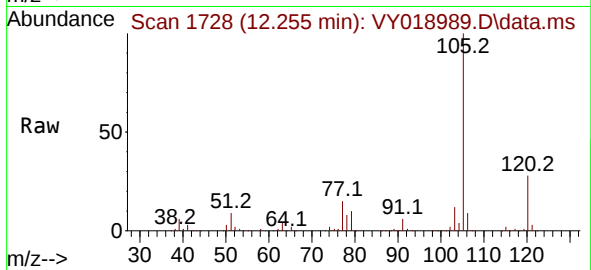
VSTDCCC050

Tgt Ion:105 Resp: 167278

Ion Ratio Lower Upper

105 100

120 28.5 13.4 40.1



#74

N-ethyl acetate

Concen: 49.626 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Tgt Ion: 43 Resp: 37660

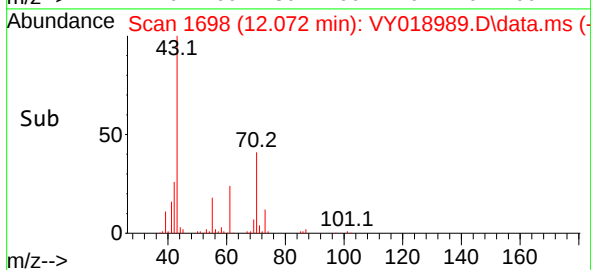
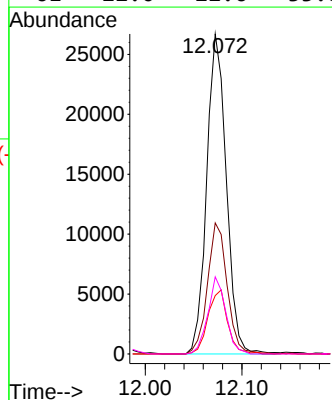
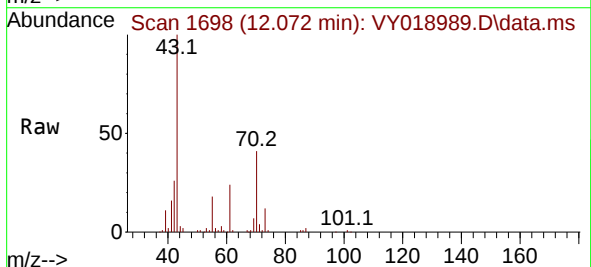
Ion Ratio Lower Upper

43 100

70 41.0 41.4 62.2#

55 20.2 23.3 34.9#

61 22.0 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 50.641 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

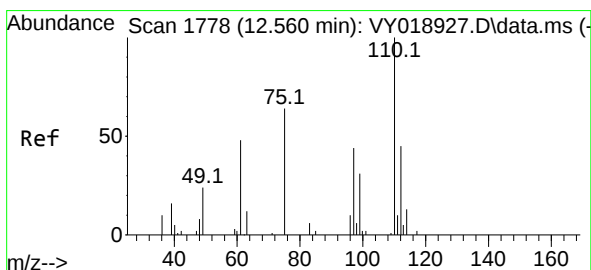
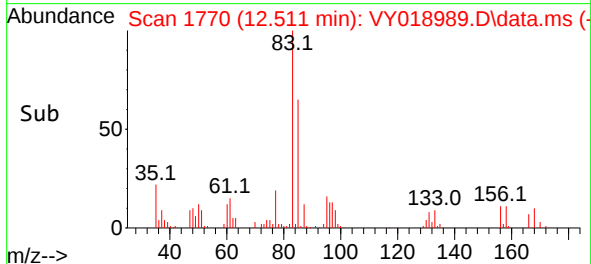
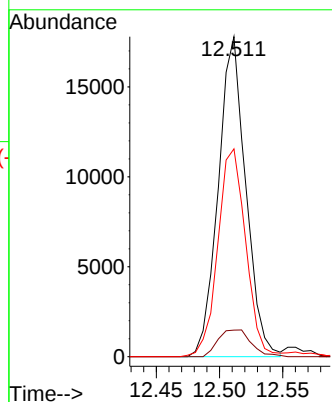
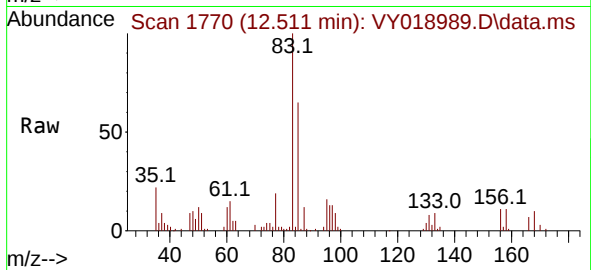
Tgt Ion: 83 Resp: 26876

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 65.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 100.482 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY018989.D

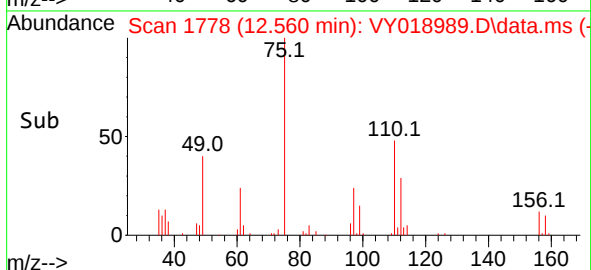
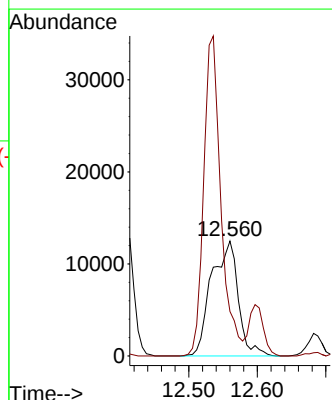
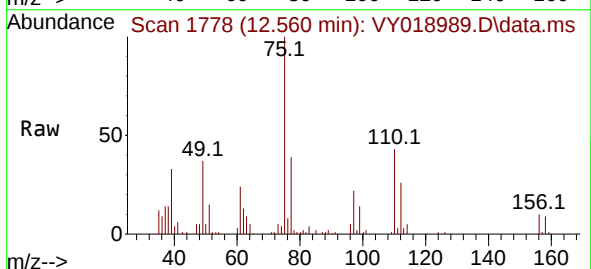
Acq: 12 Aug 2024 09:37

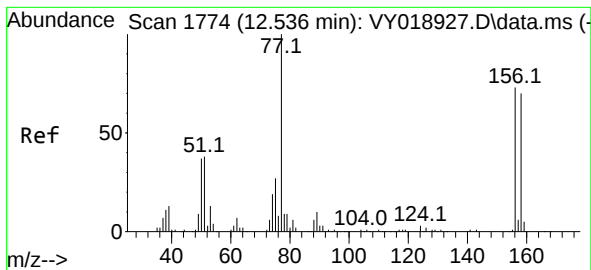
Tgt Ion: 75 Resp: 33915

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.964 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

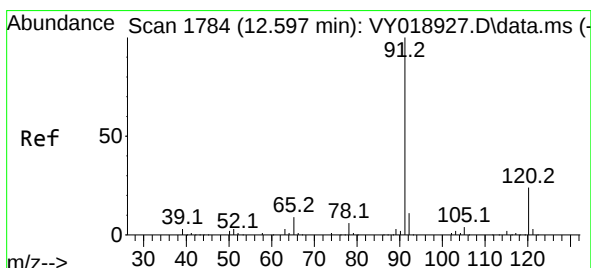
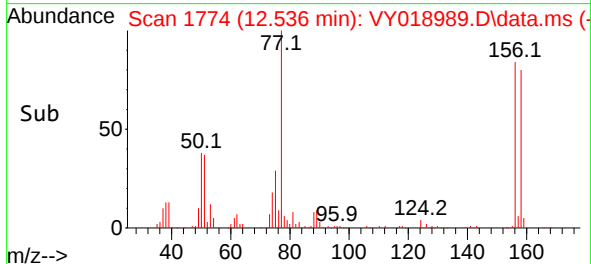
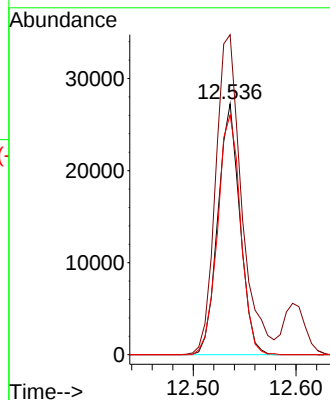
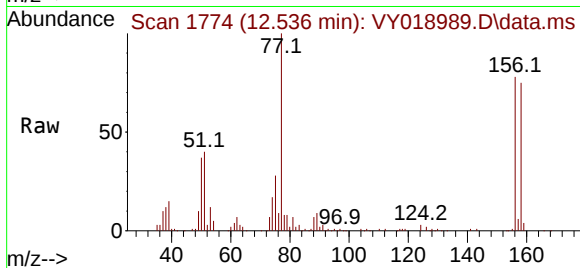
Tgt Ion:156 Resp: 40576

Ion Ratio Lower Upper

156 100

77 150.4 87.1 261.3

158 99.4 48.6 145.9



#78

n-propylbenzene

Concen: 50.861 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY018989.D

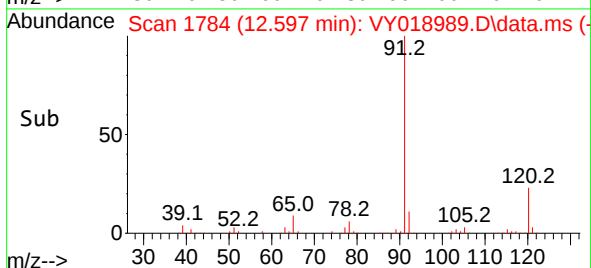
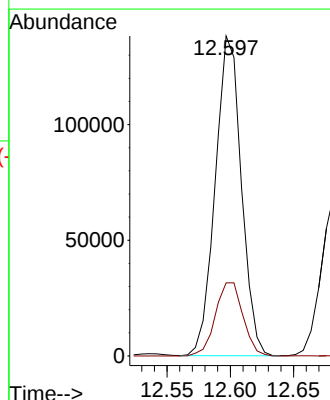
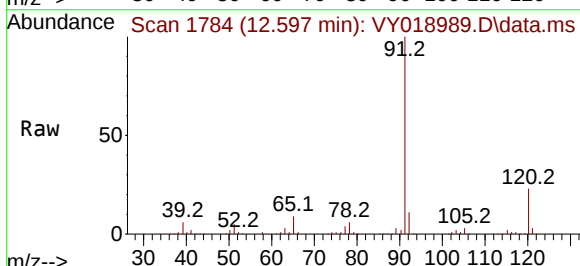
Acq: 12 Aug 2024 09:37

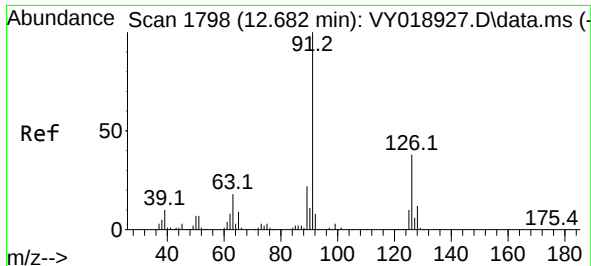
Tgt Ion: 91 Resp: 197971

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

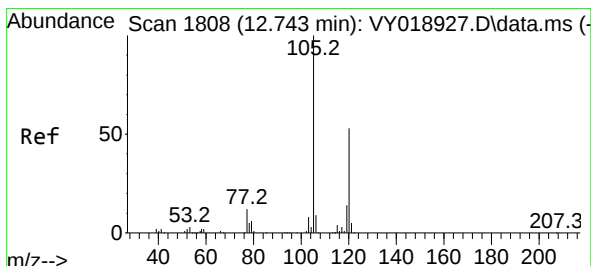
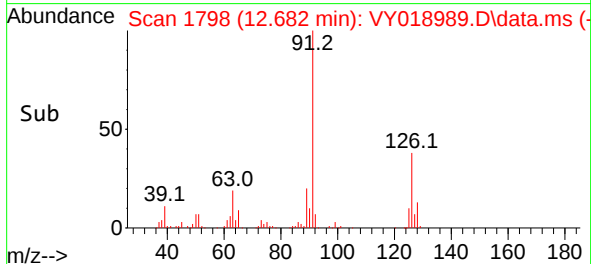
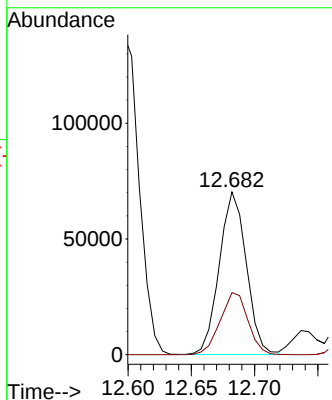
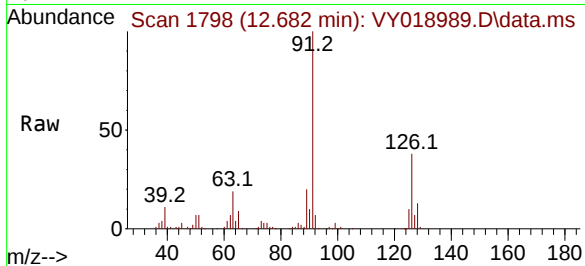




#79
2-Chlorotoluene
Concen: 51.828 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

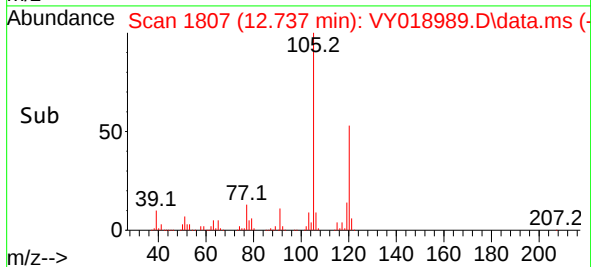
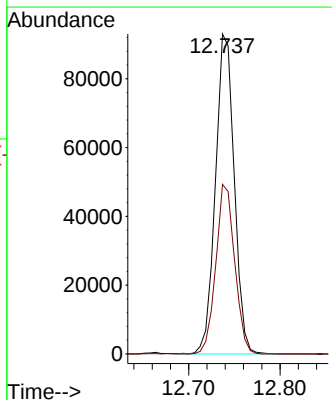
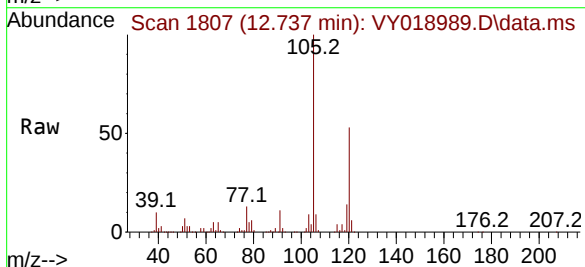
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

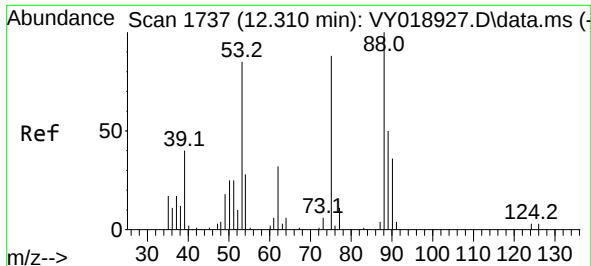
Tgt Ion: 91 Resp: 104440
Ion Ratio Lower Upper
91 100
126 39.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 51.670 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion: 105 Resp: 133163
Ion Ratio Lower Upper
105 100
120 53.2 25.1 75.2

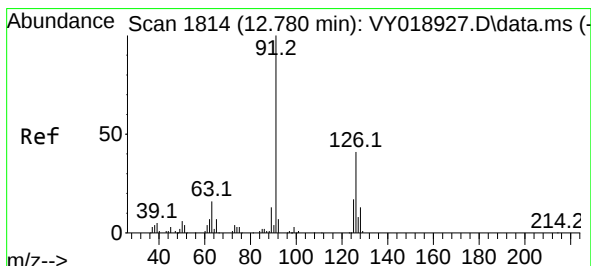
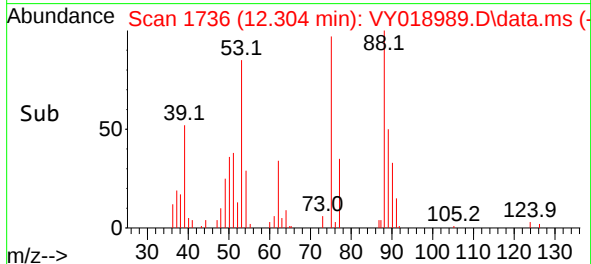
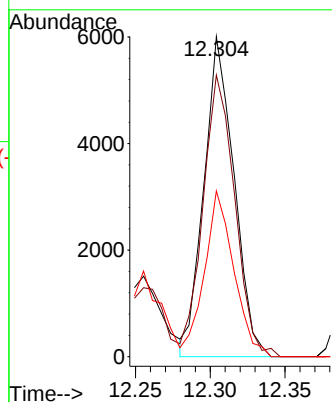
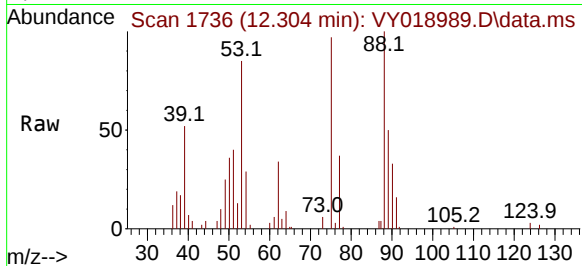




#81
trans-1,4-Dichloro-2-butene
Concen: 51.264 ug/l
RT: 12.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

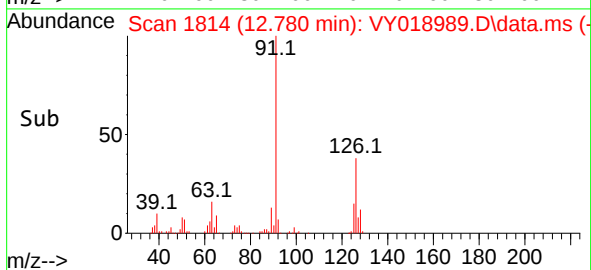
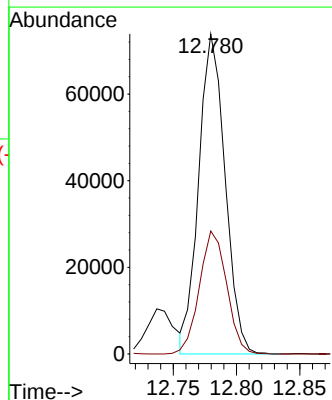
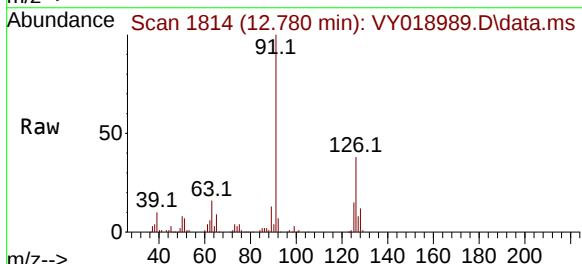
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

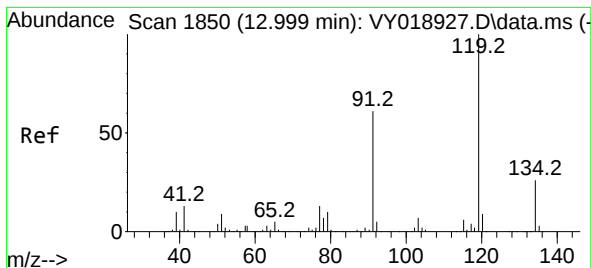
Tgt Ion:	75	Resp:	8397
Ion	Ratio	Lower	Upper
75	100		
53	92.8	66.8	100.2
89	50.7	35.8	53.6



#82
4-Chlorotoluene
Concen: 51.947 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion:	91	Resp:	107171
Ion	Ratio	Lower	Upper
91	100		
126	39.8	17.6	52.9





#83

tert-Butylbenzene

Concen: 51.446 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

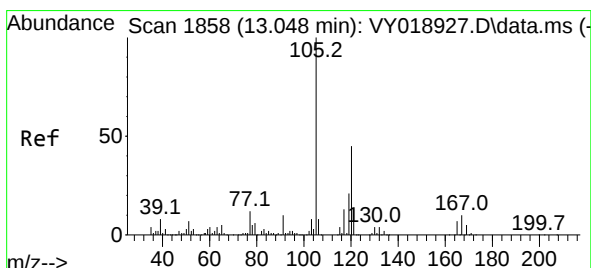
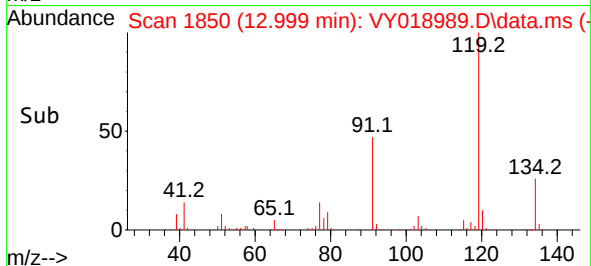
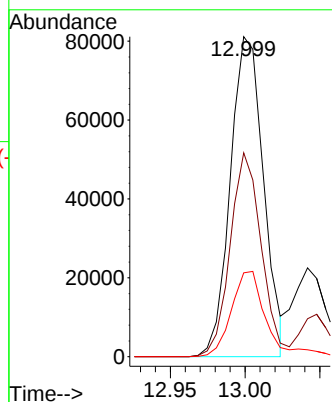
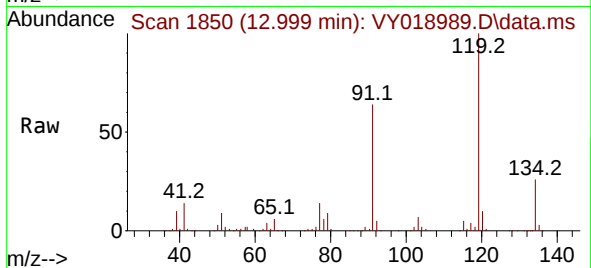
Tgt Ion:119 Resp: 125233

Ion Ratio Lower Upper

119 100

91 59.8 31.3 93.8

134 27.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.491 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY018989.D

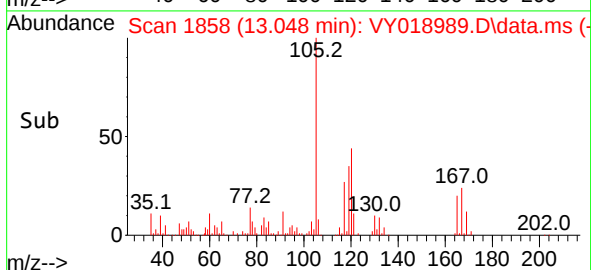
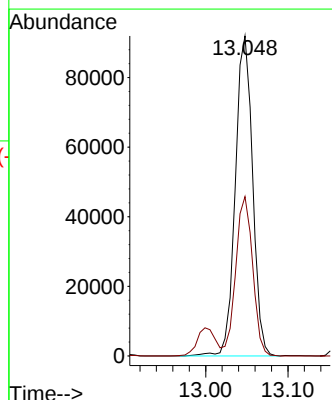
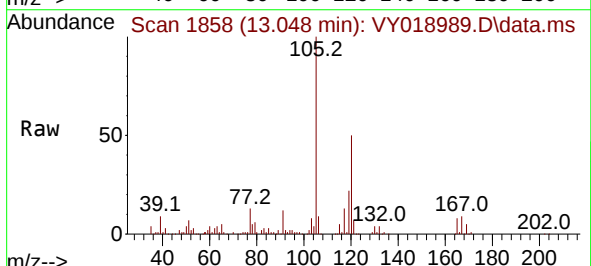
Acq: 12 Aug 2024 09:37

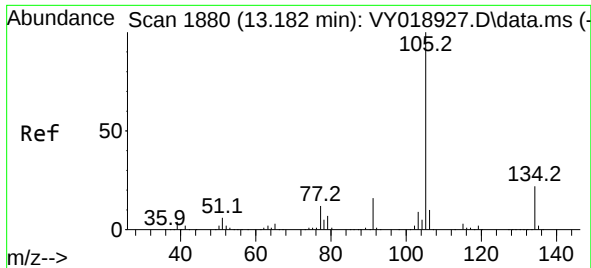
Tgt Ion:105 Resp: 134619

Ion Ratio Lower Upper

105 100

120 48.9 23.2 69.6

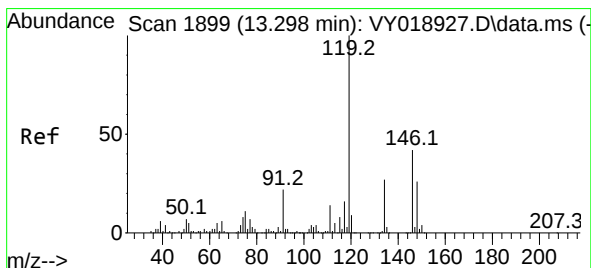
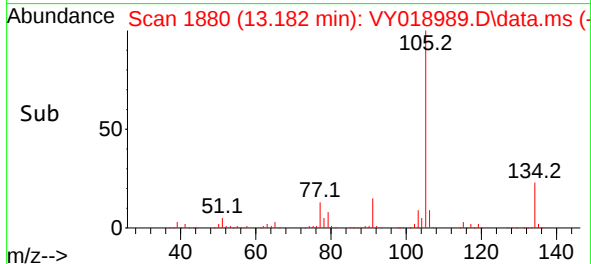
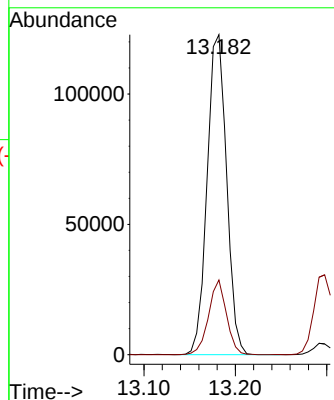
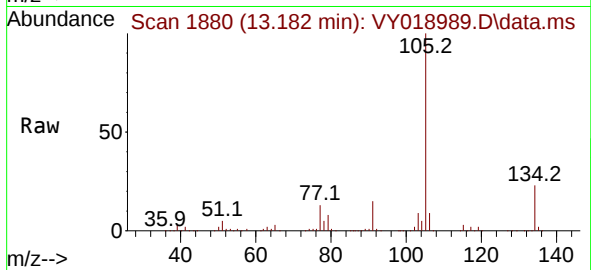




#85
 sec-Butylbenzene
 Concen: 51.307 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VY018989.D
 Acq: 12 Aug 2024 09:37

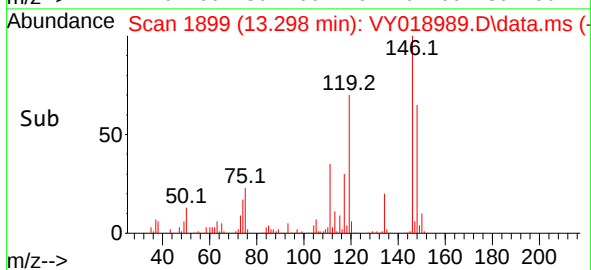
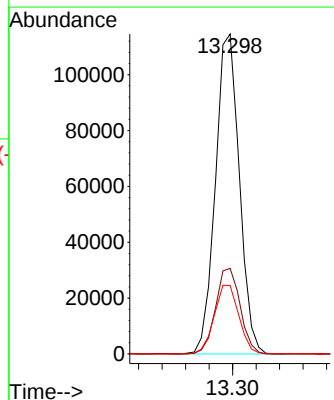
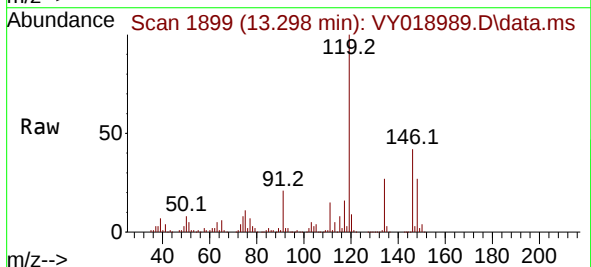
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

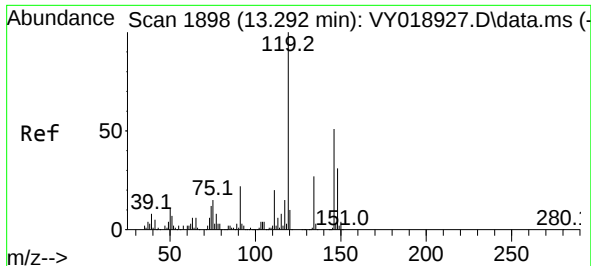
Tgt Ion:105 Resp: 180910
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.044 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.000 min
 Lab File: VY018989.D
 Acq: 12 Aug 2024 09:37

Tgt Ion:119 Resp: 161954
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.1 39.3
 91 22.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.816 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

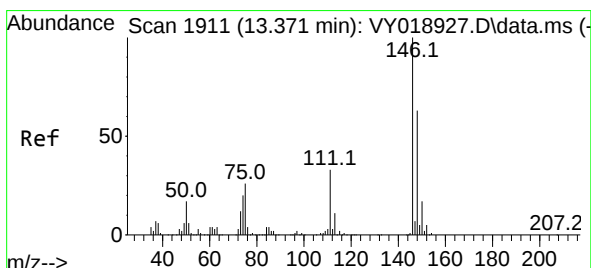
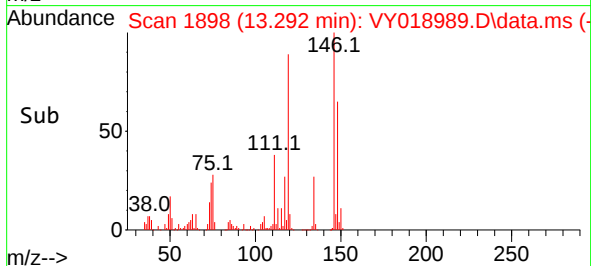
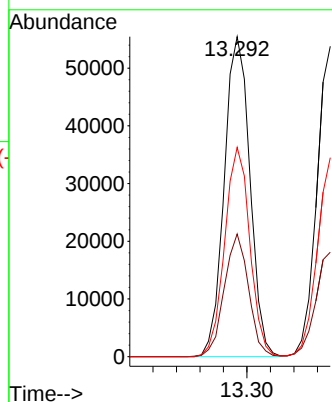
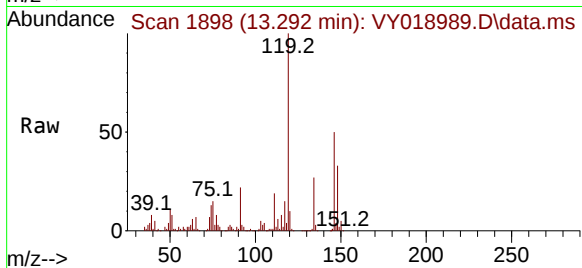
Tgt Ion:146 Resp: 84220

Ion Ratio Lower Upper

146 100

111 36.4 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.301 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

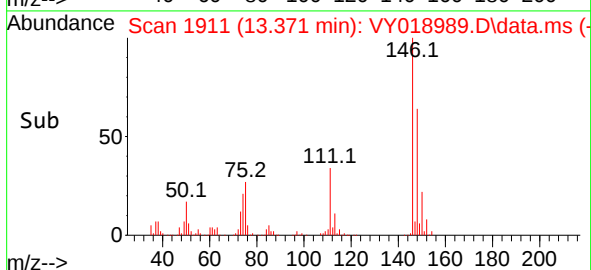
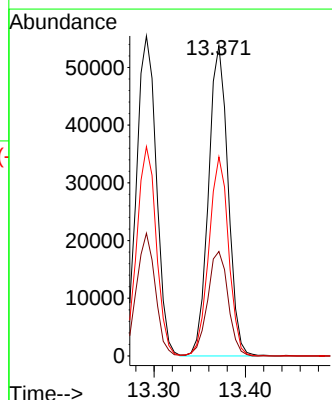
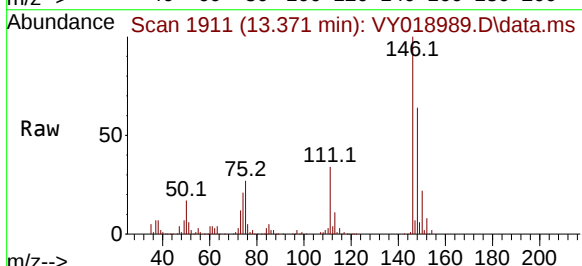
Tgt Ion:146 Resp: 79822

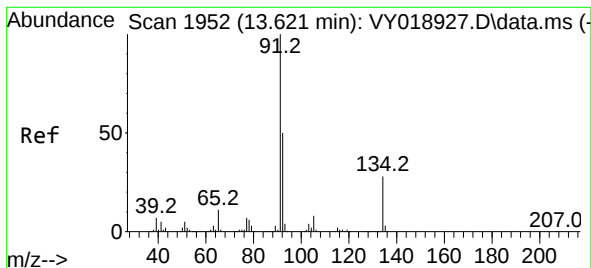
Ion Ratio Lower Upper

146 100

111 35.4 18.4 55.4

148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 51.979 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

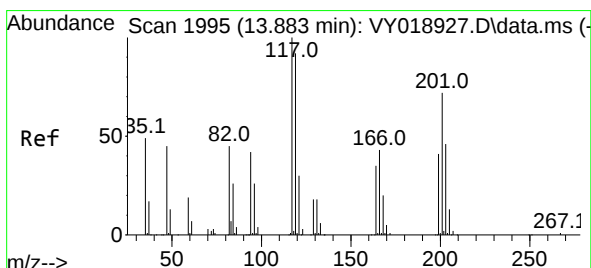
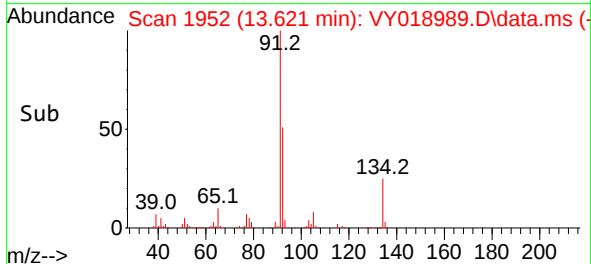
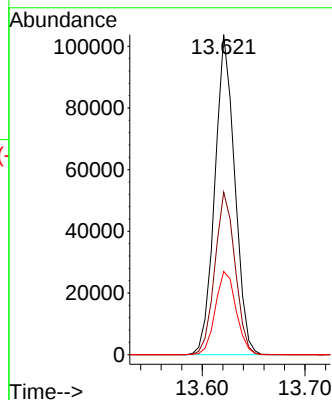
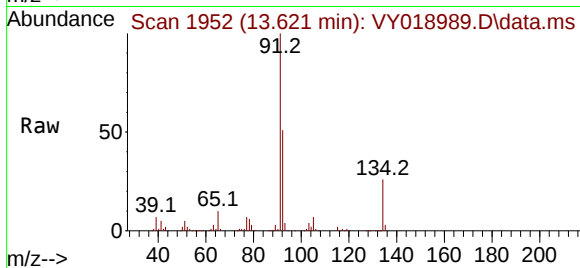
Tgt Ion: 91 Resp: 139303

Ion Ratio Lower Upper

91 100

92 51.5 26.6 79.7

134 27.2 12.9 38.7



#90

Hexachloroethane

Concen: 53.264 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY018989.D

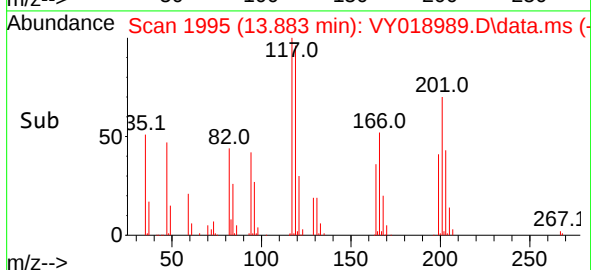
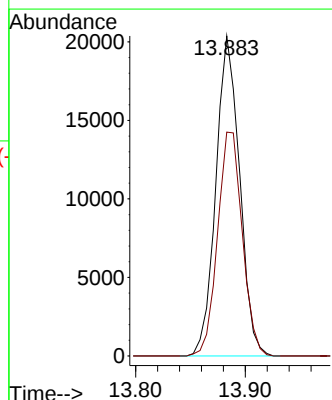
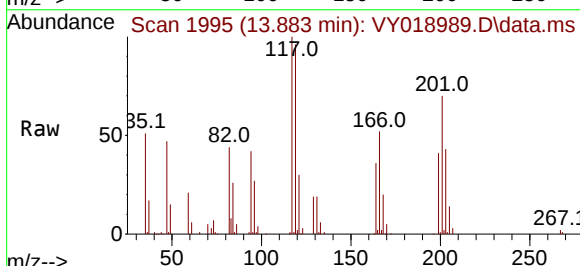
Acq: 12 Aug 2024 09:37

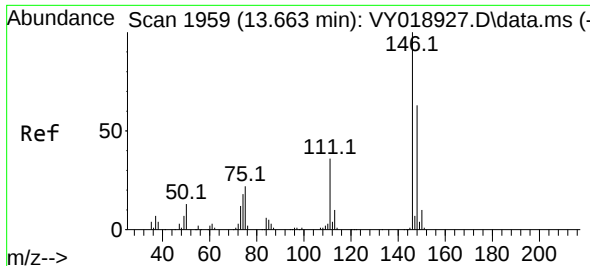
Tgt Ion: 117 Resp: 30686

Ion Ratio Lower Upper

117 100

201 72.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 52.039 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

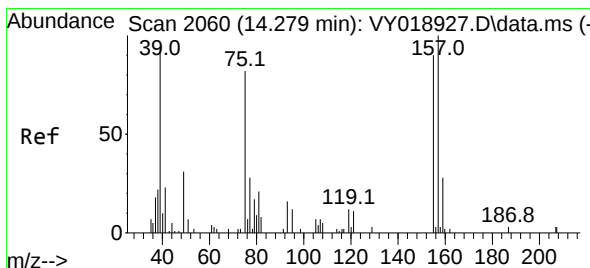
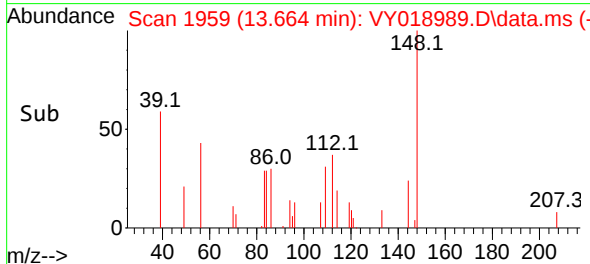
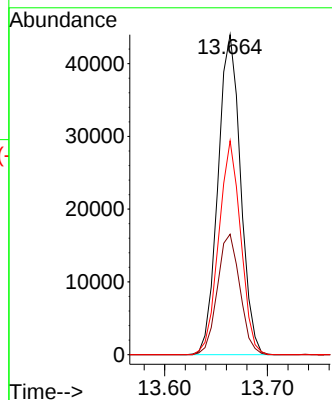
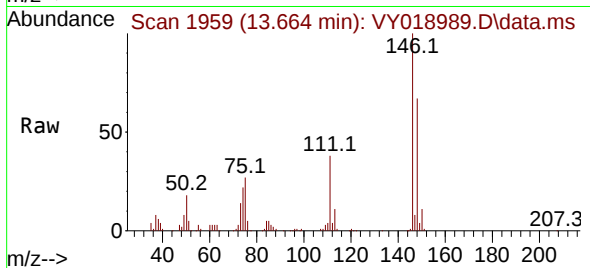
Tgt Ion:146 Resp: 66957

Ion Ratio Lower Upper

146 100

111 37.6 19.9 59.7

148 65.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.792 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

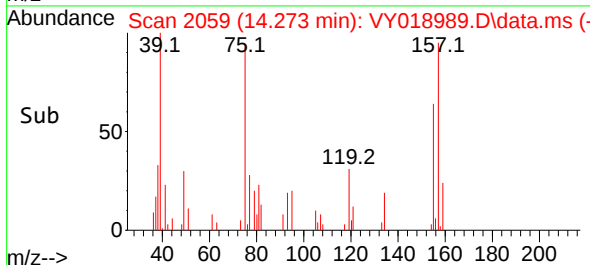
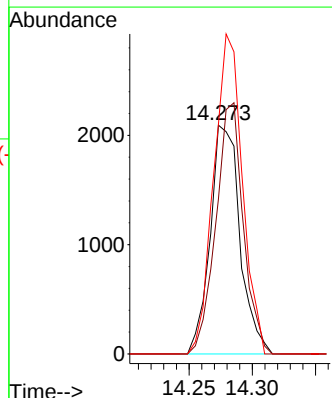
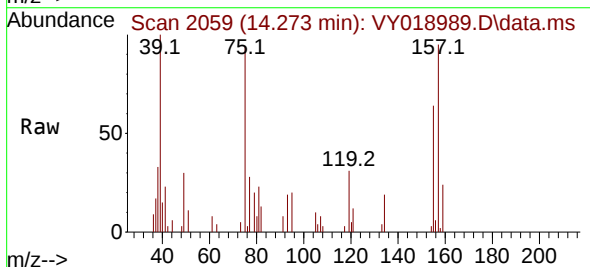
Tgt Ion: 75 Resp: 3416

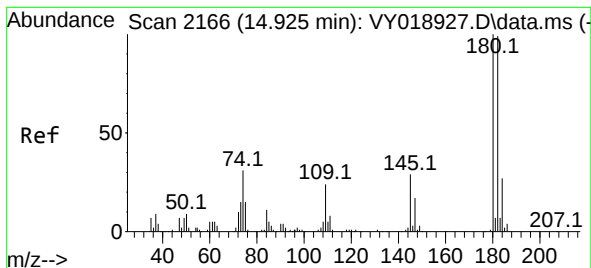
Ion Ratio Lower Upper

75 100

155 101.3 48.6 145.8

157 134.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.251 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

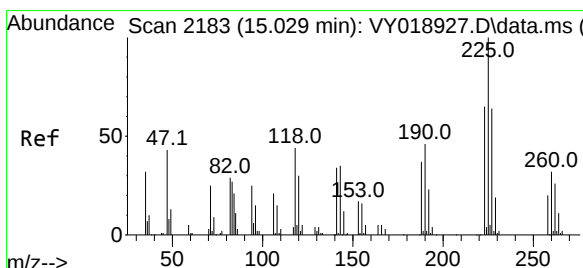
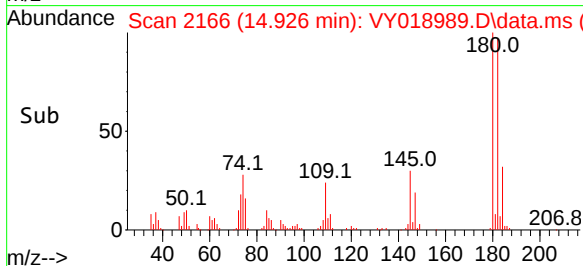
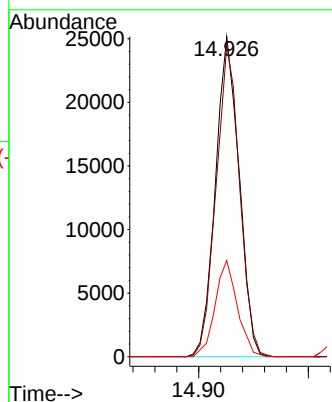
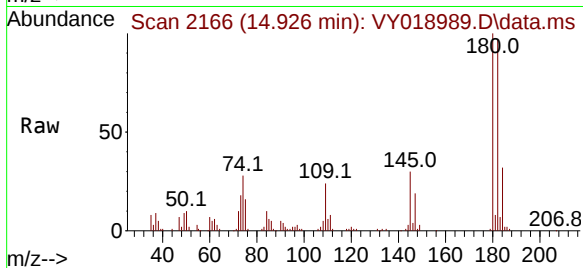
Tgt Ion:180 Resp: 37728

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.8

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.848 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.000 min

Lab File: VY018989.D

Acq: 12 Aug 2024 09:37

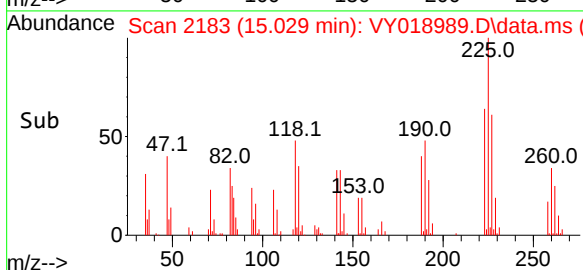
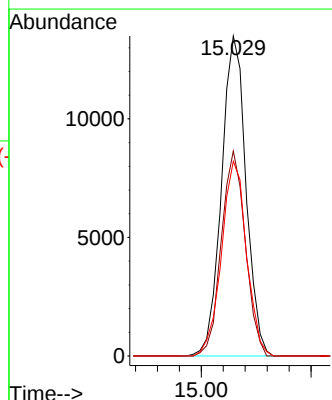
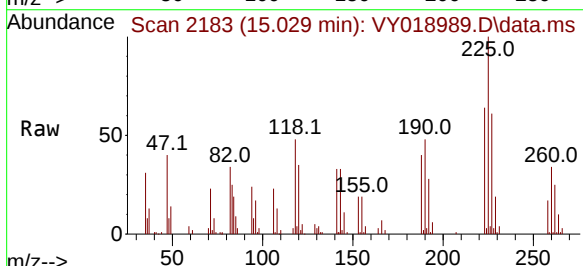
Tgt Ion:225 Resp: 20923

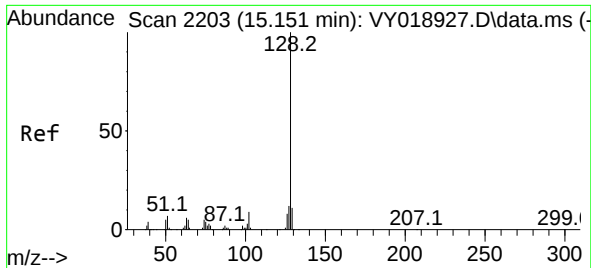
Ion Ratio Lower Upper

225 100

223 62.6 30.4 91.2

227 62.1 31.9 95.9

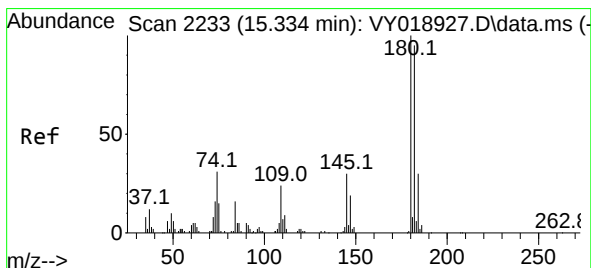
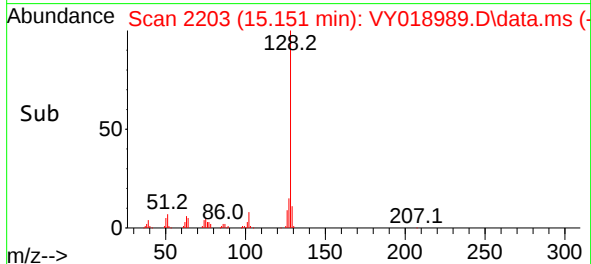
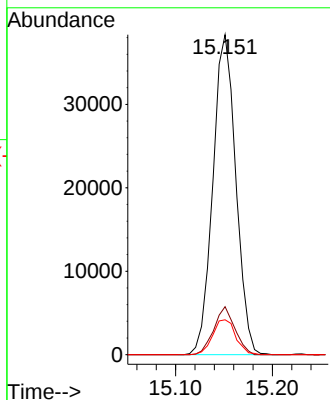
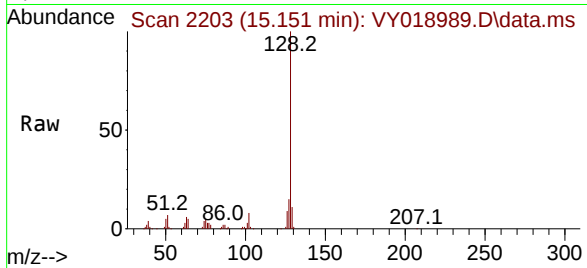




#95
Naphthalene
Concen: 50.157 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 63262
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.939 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY018989.D
Acq: 12 Aug 2024 09:37

Tgt Ion:180 Resp: 30977
Ion Ratio Lower Upper
180 100
182 97.4 47.6 142.9
145 30.7 15.4 46.1

