

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018454.D
 Acq On : 03 Jun 2024 20:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 04 05:44:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : Sw846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	44863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	67300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	50280	57.069	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	114.140%	
35) Dibromofluoromethane	7.710	113	49325	53.616	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	107.240%	
50) Toluene-d8	10.173	98	191624	52.358	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.720%	
62) 4-Bromofluorobenzene	12.477	95	61457	53.932	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	107.860%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	31622	44.382	ug/l	99
3) Chloromethane	2.101	50	77113	58.034	ug/l	94
4) Vinyl Chloride	2.235	62	93074	58.561	ug/l	95
5) Bromomethane	2.638	94	61011	57.538	ug/l	98
6) Chloroethane	2.778	64	61656	61.442	ug/l	96
7) Trichlorofluoromethane	3.107	101	91880	55.873	ug/l	92
8) Diethyl Ether	3.509	74	27468	55.514	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.875	101	50177	52.402	ug/l	92
10) Methyl Iodide	4.070	142	51210	54.448	ug/l	95
11) Tert butyl alcohol	4.936	59	25014	258.728	ug/l #	77
12) 1,1-Dichloroethene	3.851	96	49807	52.920	ug/l	96
13) Acrolein	3.711	56	26013	288.451	ug/l	97
14) Allyl chloride	4.460	41	81646	59.233	ug/l #	94
15) Acrylonitrile	5.143	53	71450	315.765	ug/l	98
16) Acetone	3.930	43	51019	260.904	ug/l #	87
17) Carbon Disulfide	4.180	76	143198	51.866	ug/l	99
18) Methyl Acetate	4.454	43	32228	65.907	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	136956	60.379	ug/l	94
20) Methylene Chloride	4.692	84	64257	61.616	ug/l #	88
21) trans-1,2-Dichloroethene	5.198	96	56304	56.059	ug/l	98
22) Diisopropyl ether	6.106	45	178699	63.660	ug/l #	95
23) Vinyl Acetate	6.045	43	575050	314.775	ug/l	95
24) 1,1-Dichloroethane	5.997	63	105070	60.010	ug/l	97
25) 2-Butanone	6.972	43	92041	307.245	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	77466	50.340	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	68468	58.604	ug/l	94
28) Bromochloromethane	7.320	49	49430	61.349	ug/l #	81
29) Tetrahydrofuran	7.338	42	63775	327.807	ug/l	87
30) Chloroform	7.496	83	105322	59.977	ug/l	99
31) Cyclohexane	7.771	56	87218	53.094	ug/l	97
32) 1,1,1-Trichloroethane	7.692	97	88790	57.729	ug/l	97
36) 1,1-Dichloropropene	7.905	75	77543	55.280	ug/l	96
37) Ethyl Acetate	7.064	43	41458	59.162	ug/l	98
38) Carbon Tetrachloride	7.887	117	75497	53.709	ug/l	99
39) Methylcyclohexane	9.173	83	99929	52.697	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.149	78	236762	56.332	ug/l	95
41) Methacrylonitrile	7.295	41	21699	63.660	ug/l	92
42) 1,2-Dichloroethane	8.228	62	60110	58.826	ug/l	98
43) Isopropyl Acetate	8.265	43	82061	62.627	ug/l	90
44) Trichloroethene	8.929	130	57593	55.296	ug/l	96
45) 1,2-Dichloropropane	9.210	63	55669	57.916	ug/l	100
46) Dibromomethane	9.301	93	32365	58.729	ug/l	90
47) Bromodichloromethane	9.490	83	78857	59.611	ug/l	99
48) Methyl methacrylate	9.289	41	37327	61.917	ug/l	87
49) 1,4-Dioxane	9.283	88	9401	1299.031	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	221391	325.390	ug/l	92
52) Toluene	10.234	92	150394	58.178	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	71367	58.747	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	85711	57.302	ug/l	95
55) 1,1,2-Trichloroethane	10.636	97	43147	60.179	ug/l	89
56) Ethyl methacrylate	10.502	69	64480	63.909	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	75278	61.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.770	63	157376	290.469	ug/l	96
59) 2-Hexanone	10.825	43	153726	326.955	ug/l	91
60) Dibromochloromethane	10.978	129	51567	58.871	ug/l	97
61) 1,2-Dibromoethane	11.081	107	41141	60.935	ug/l	98
64) Tetrachloroethene	10.715	164	52280	52.737	ug/l	96
65) Chlorobenzene	11.514	112	157765	54.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.581	131	49623	53.174	ug/l	99
67) Ethyl Benzene	11.587	91	289565	55.122	ug/l	99
68) m/p-Xylenes	11.697	106	217442	109.927	ug/l	96
69) o-Xylene	12.026	106	103726	54.474	ug/l	95
70) Styrene	12.038	104	181075	58.202	ug/l	98
71) Bromoform	12.203	173	27177	55.279	ug/l #	98
73) Isopropylbenzene	12.325	105	275340	52.492	ug/l	100
74) N-amyl acetate	12.136	43	74721	58.523	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	52285	56.624	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	64057	101.628	ug/l #	100
77) Bromobenzene	12.605	156	56622	50.840	ug/l	88
78) n-propylbenzene	12.666	91	336678	53.478	ug/l	98
79) 2-Chlorotoluene	12.752	91	181251	52.958	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	220962	54.086	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	15980	53.264	ug/l	91
82) 4-Chlorotoluene	12.849	91	186418	54.127	ug/l	99
83) tert-Butylbenzene	13.069	119	196286	51.958	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	218140	54.540	ug/l	98
85) sec-Butylbenzene	13.245	105	300914	54.087	ug/l	99
86) p-Isopropyltoluene	13.361	119	241305	53.740	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	118348	53.871	ug/l	99
88) 1,4-Dichlorobenzene	13.441	146	113747	52.703	ug/l	97
89) n-Butylbenzene	13.690	91	229735	53.841	ug/l	100
90) Hexachloroethane	13.959	117	44384	52.736	ug/l	88
91) 1,2-Dichlorobenzene	13.733	146	103348	54.060	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6804	48.423	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	51300	49.617	ug/l	97
94) Hexachlorobutadiene	15.105	225	24810	45.182	ug/l	96
95) Naphthalene	15.233	128	113147	54.490	ug/l	99

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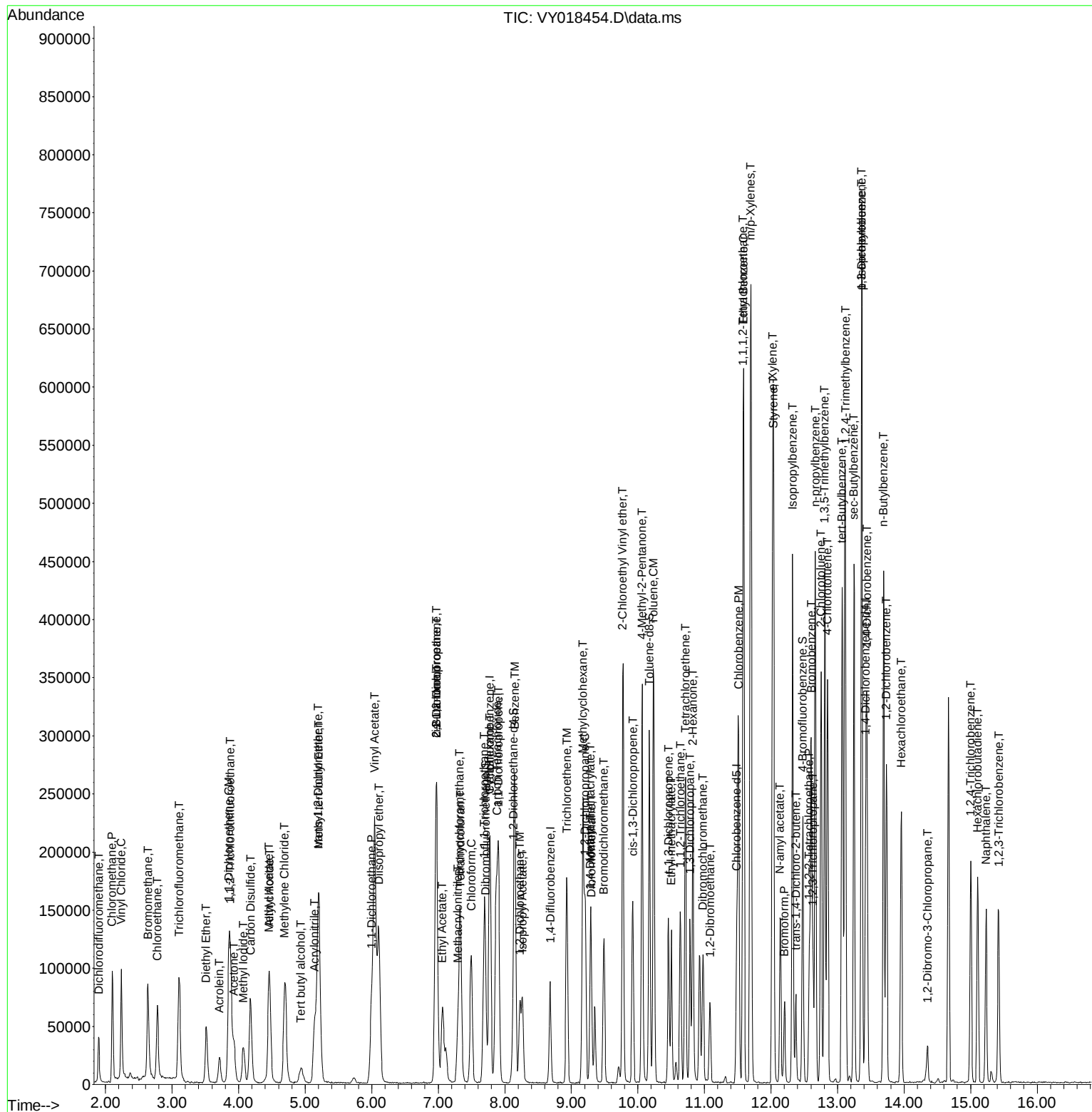
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.422	180	44452	50.815	ug/l	95

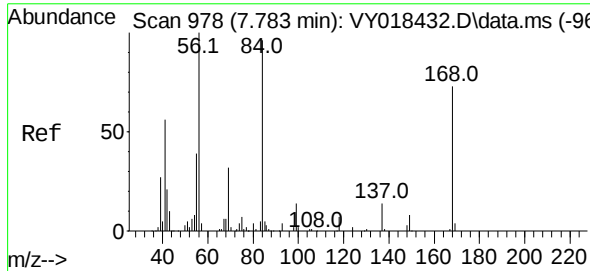
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY018454.D

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MSVOA_Y

ClientSampleId :

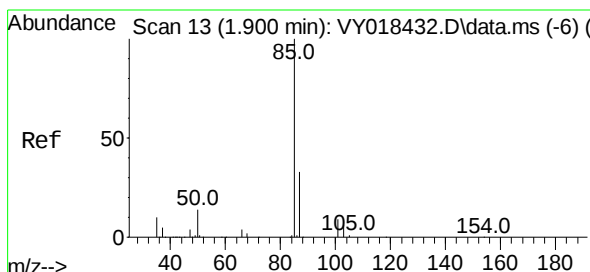
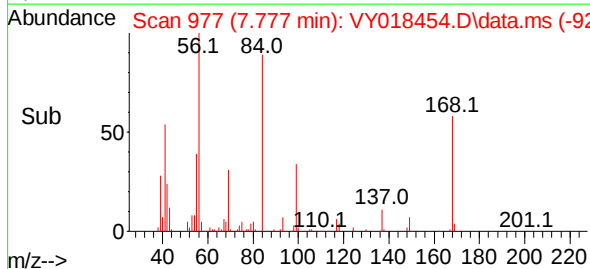
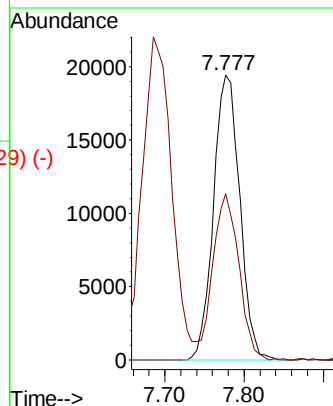
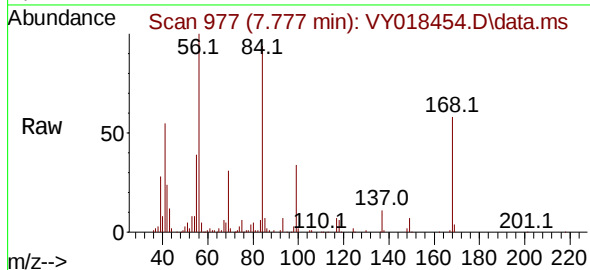
VSTDCCC050EC

Tgt Ion:168 Resp: 44863

Ion Ratio Lower Upper

168 100

99 58.0 39.1 58.7



Dichlorodifluoromethane

Concen: 44.382 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY018454.D

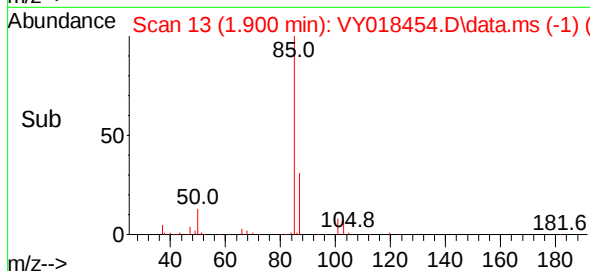
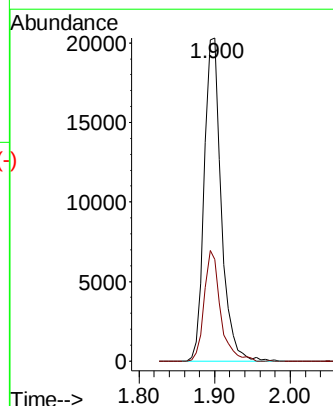
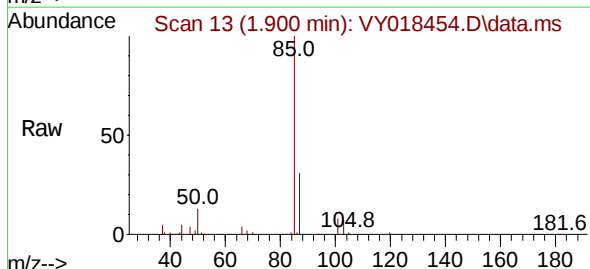
Acq: 03 Jun 2024 20:46

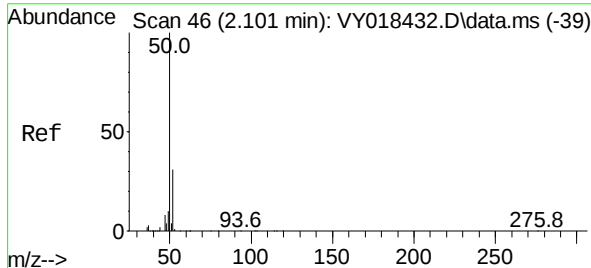
Tgt Ion: 85 Resp: 31622

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0





Chloromethane

Concen: 58.034 ug/l

RT: 2.101 min Scan# 4

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

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ClientSampleId :

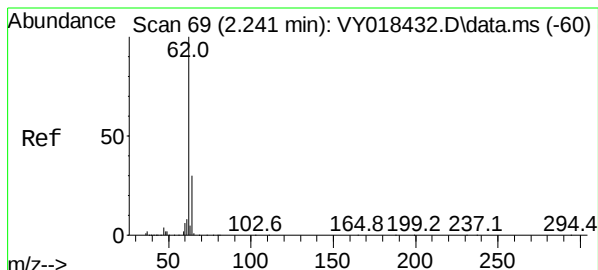
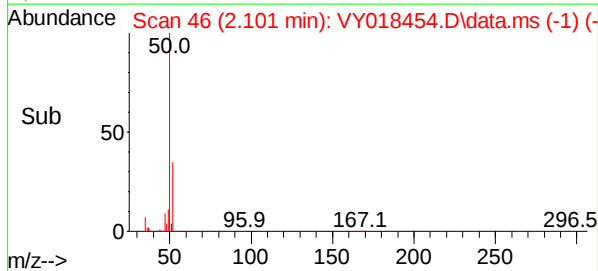
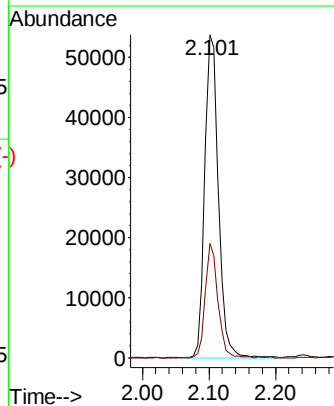
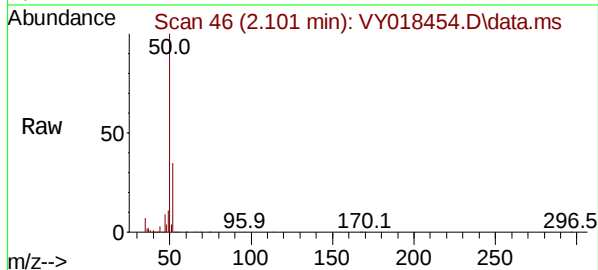
VSTDCCC050EC

Tgt Ion: 50 Resp: 77113

Ion Ratio Lower Upper

50 100

52 35.4 25.6 38.4



Vinyl Chloride

Concen: 58.561 ug/l

RT: 2.235 min Scan# 68

Delta R.T. -0.006 min

Lab File: VY018454.D

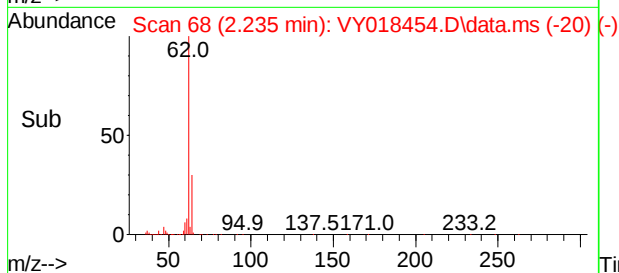
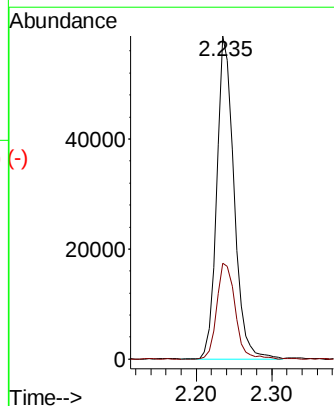
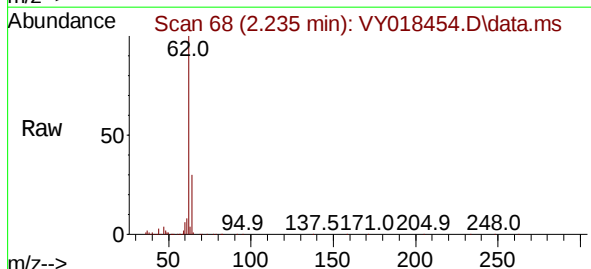
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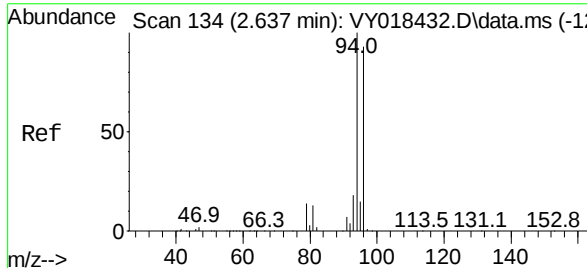
Tgt Ion: 62 Resp: 93074

Ion Ratio Lower Upper

62 100

64 29.7 26.1 39.1





Bromomethane

Concen: 57.538 ug/l

RT: 2.638 min Scan# 1

Delta R.T. 0.000 min

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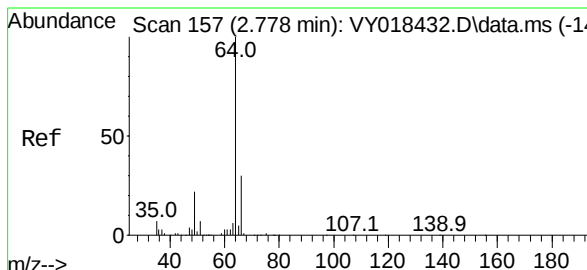
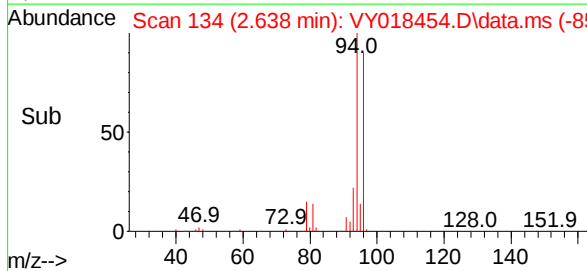
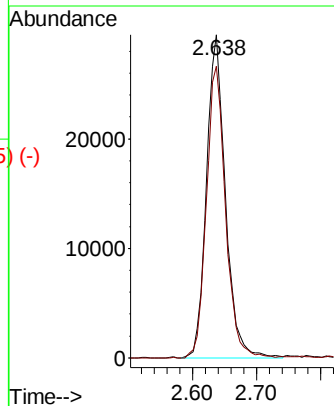
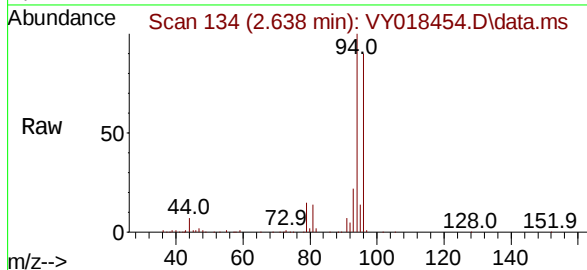
VSTDCCC050EC

Tgt Ion: 94 Resp: 61011

Ion Ratio Lower Upper

94 100

96 90.3 74.1 111.1



Chloroethane

Concen: 61.442 ug/l

RT: 2.778 min Scan# 157

Delta R.T. 0.000 min

Lab File: VY018454.D

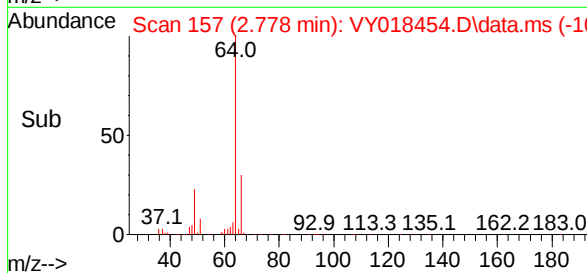
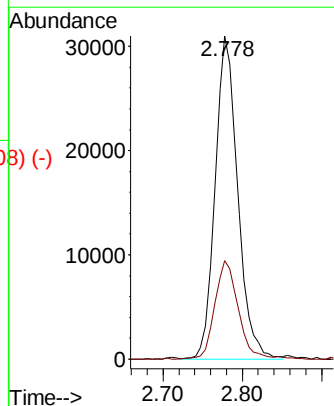
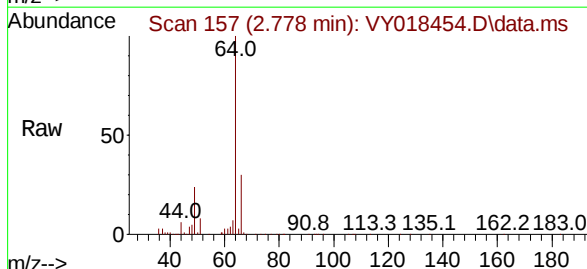
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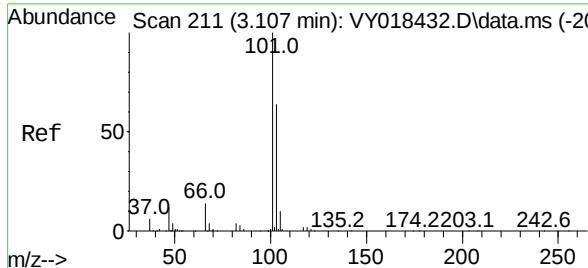
Tgt Ion: 64 Resp: 61656

Ion Ratio Lower Upper

64 100

66 30.2 26.1 39.1

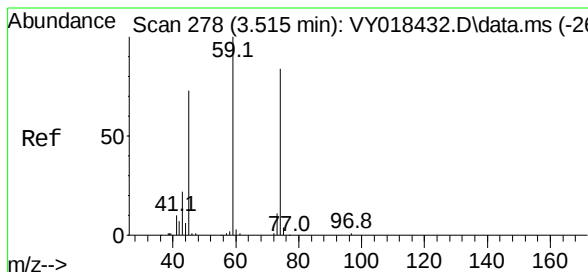
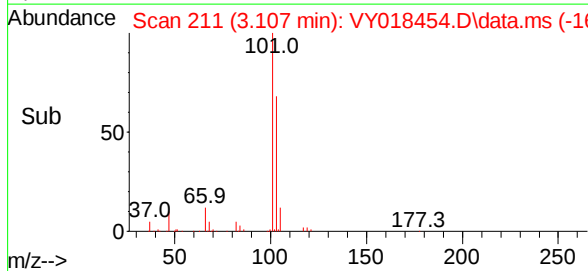
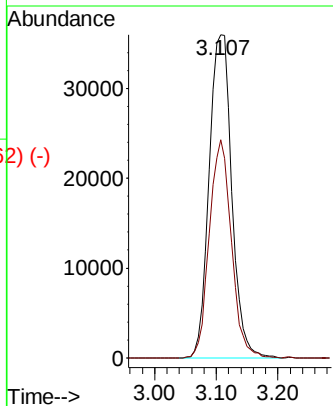
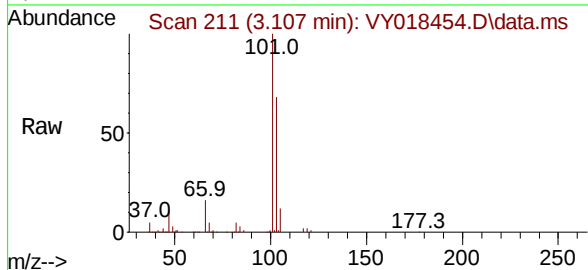




Trichlorofluoromethane
 Concen: 55.873 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY018454.D
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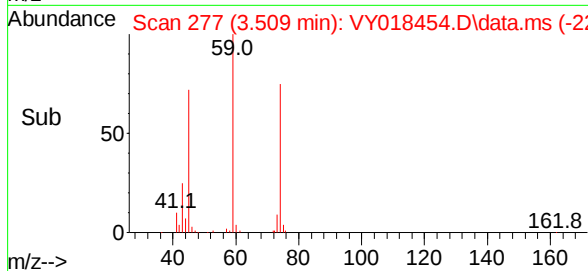
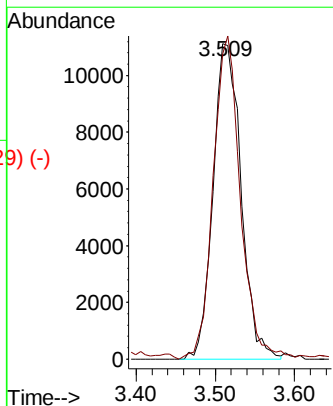
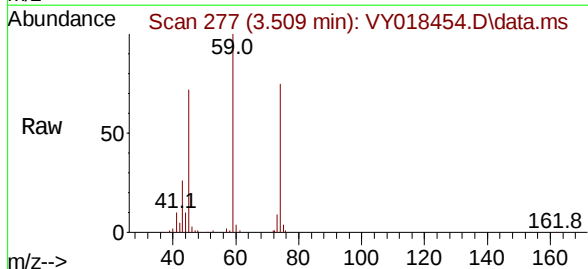
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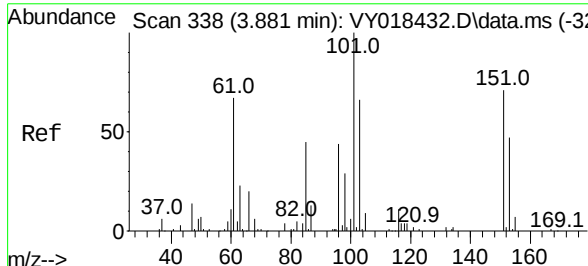
Tgt Ion:101 Resp: 91880
 Ion Ratio Lower Upper
 101 100
 103 67.5 49.3 73.9



Diethyl Ether
 Concen: 55.514 ug/l
 RT: 3.509 min Scan# 277
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 27468
 Ion Ratio Lower Upper
 74 100
 45 99.1 41.3 124.1





1,1,2-Trichlorotrifluoroethane

Concen: 52.402 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

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VSTDCCC050EC

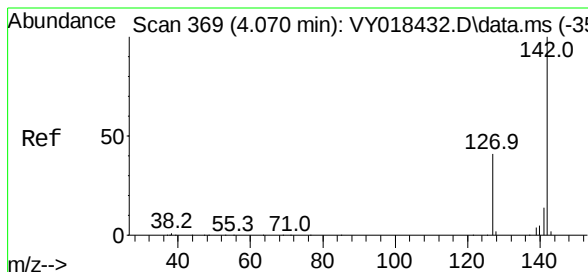
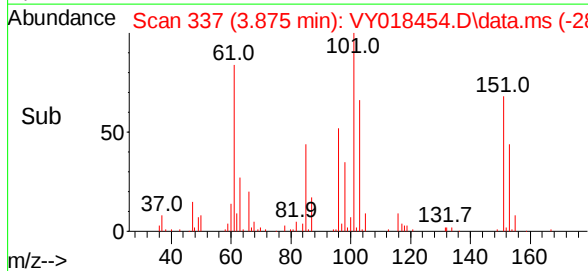
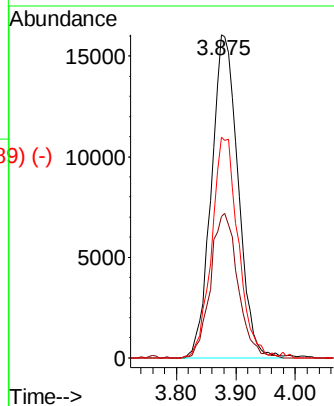
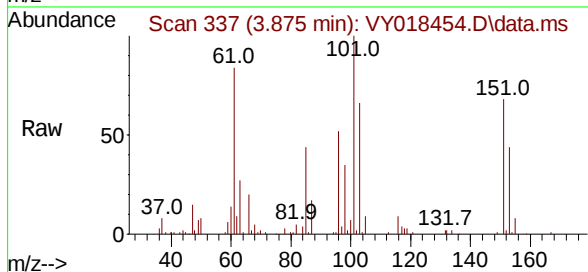
Tgt Ion:101 Resp: 50177

Ion Ratio Lower Upper

101 100

85 45.9 34.5 51.7

151 67.9 61.7 92.5



Methyl Iodide

Concen: 54.448 ug/l

RT: 4.070 min Scan# 369

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

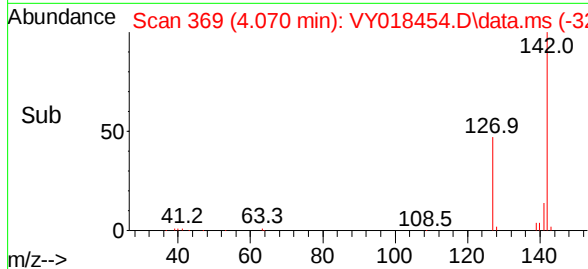
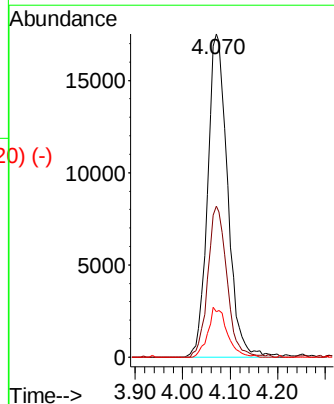
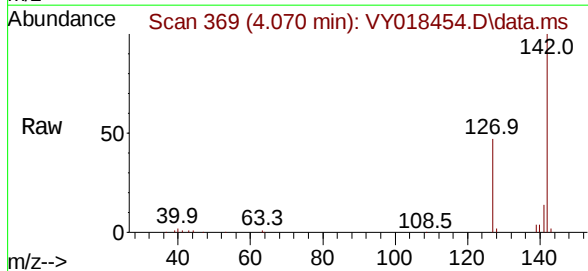
Tgt Ion:142 Resp: 51210

Ion Ratio Lower Upper

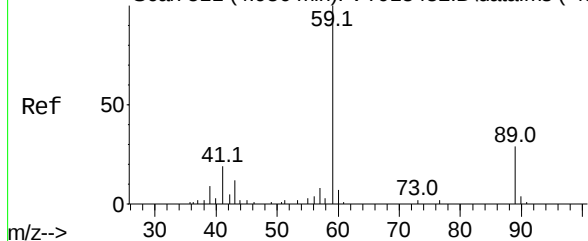
142 100

127 44.8 32.8 49.2

141 14.7 11.4 17.2



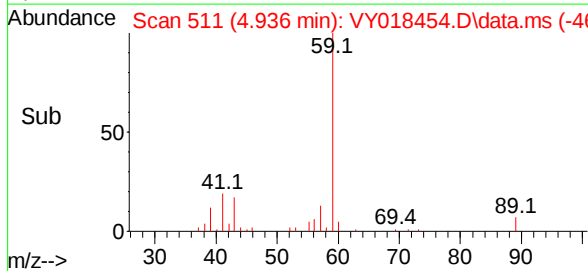
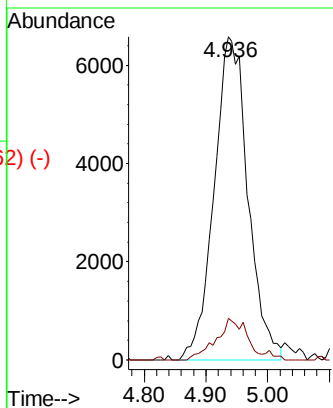
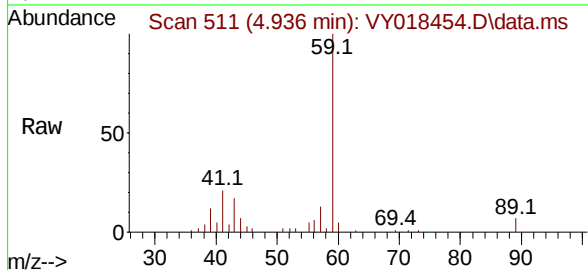
Abundance Scan 511 (4.936 min): VY018432.D\data.ms (-494) #1



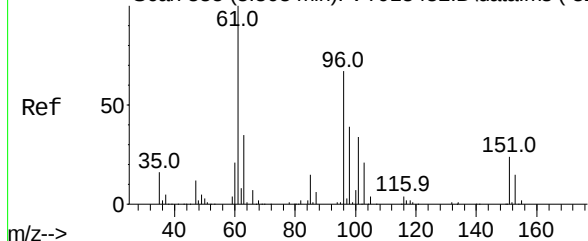
Tert butyl alcohol
Concen: 258.728 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 25014
Ion Ratio Lower Upper
59 100
57 11.5 3.0 4.6#

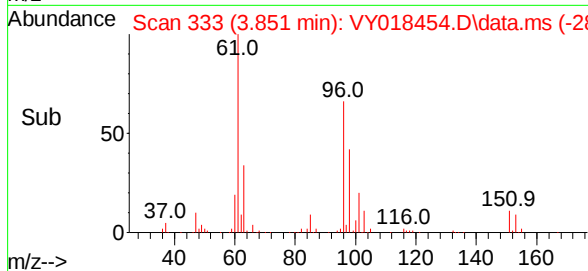
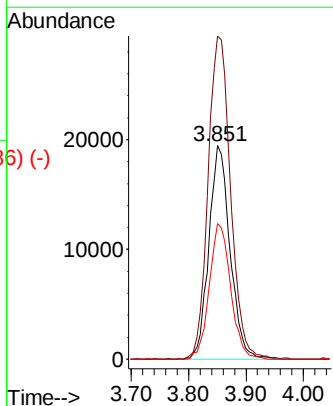
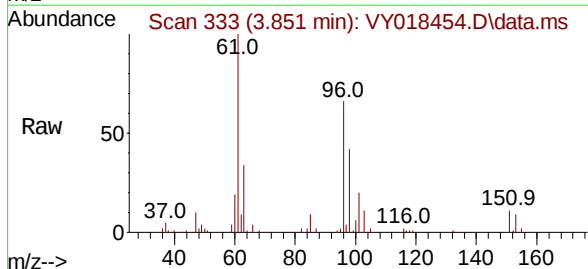


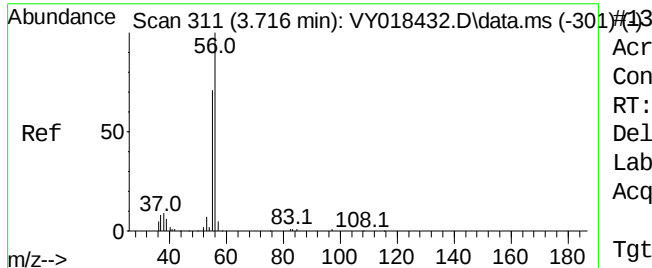
Abundance Scan 335 (3.851 min): VY018432.D\data.ms (-323) #2



1,1-Dichloroethene
Concen: 52.920 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.012 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion: 96 Resp: 49807
Ion Ratio Lower Upper
96 100
61 150.9 114.6 171.8
98 63.4 50.8 76.2





Acrolein

Concen: 288.451 ug/l

RT: 3.711 min Scan#

Delta R.T. -0.005 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

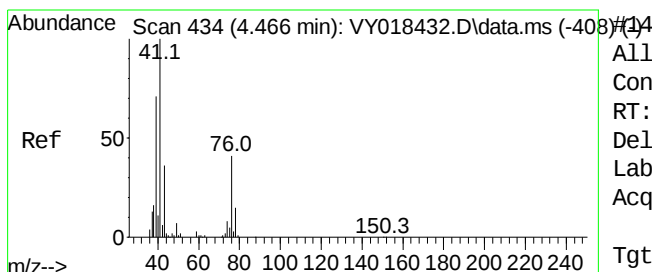
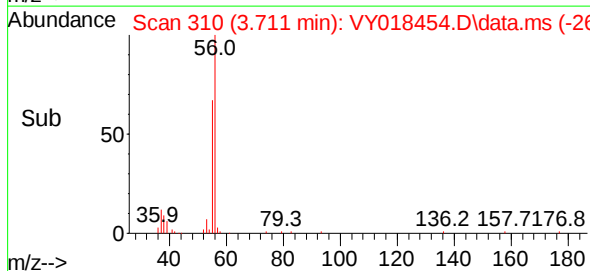
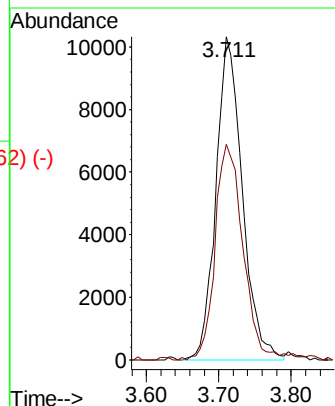
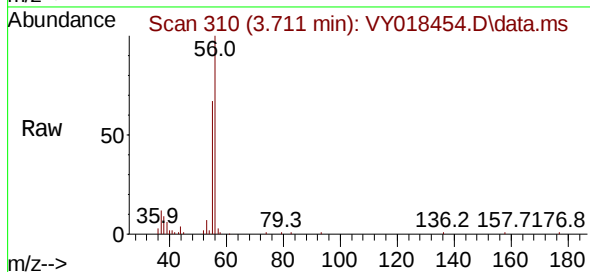
VSTDC050EC

Tgt Ion: 56 Resp: 26013

Ion Ratio Lower Upper

56 100

55 72.0 55.7 83.5



Allyl chloride

Concen: 59.233 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

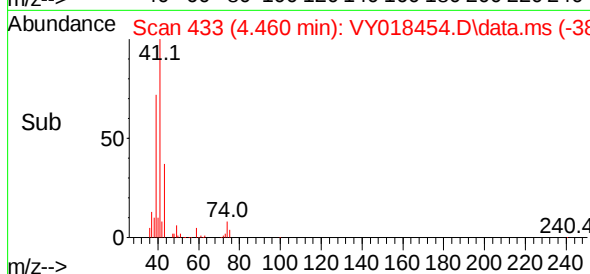
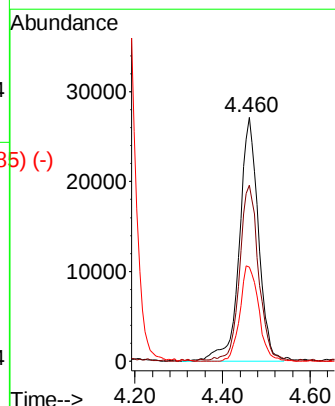
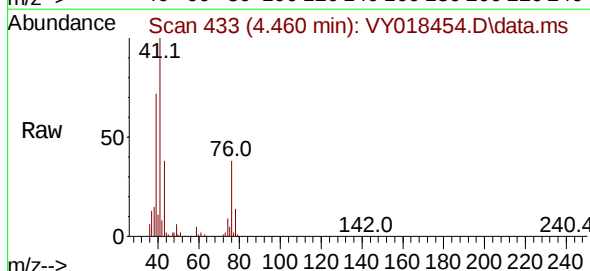
Tgt Ion: 41 Resp: 81646

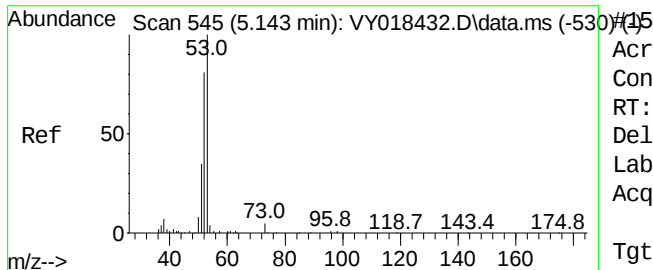
Ion Ratio Lower Upper

41 100

39 72.3 58.3 87.5

76 38.7 39.0 58.6#





Acrylonitrile

Concen: 315.765 ug/l

RT: 5.143 min Scan# 415

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

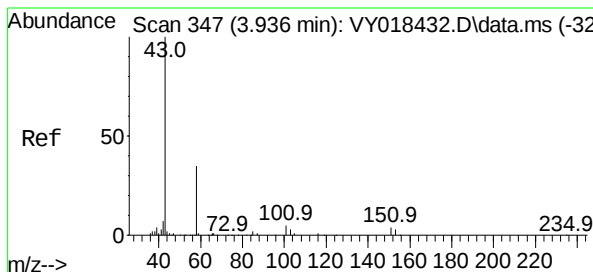
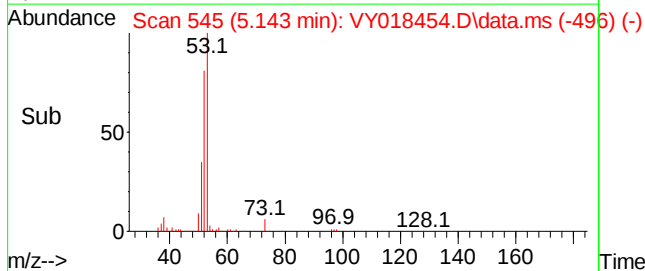
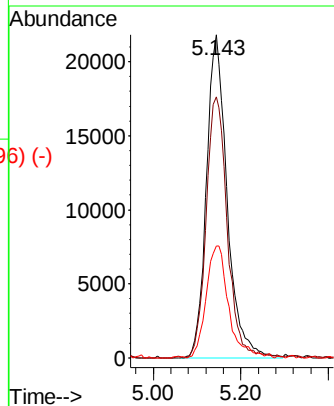
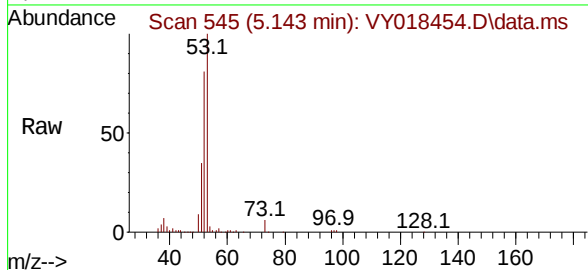
Tgt Ion: 53 Resp: 71450

Ion Ratio Lower Upper

53 100

52 82.5 64.7 97.1

51 37.3 28.4 42.6



Acetone

Concen: 260.904 ug/l

RT: 3.930 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018454.D

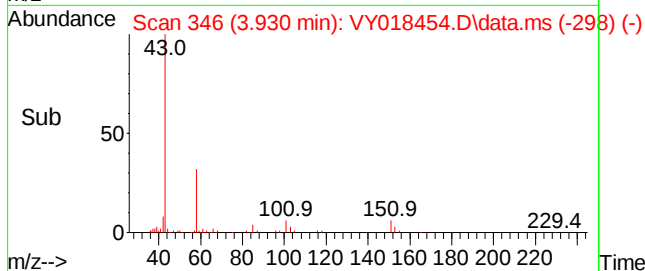
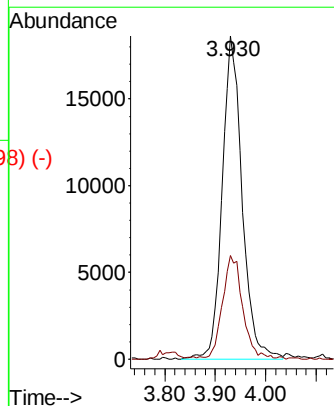
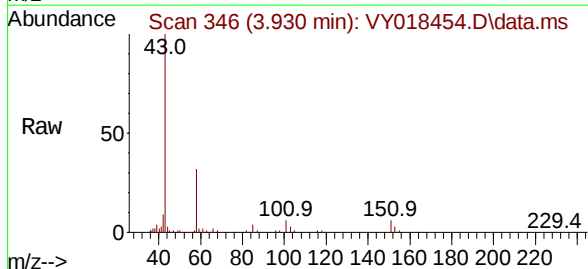
Acq: 03 Jun 2024 20:46

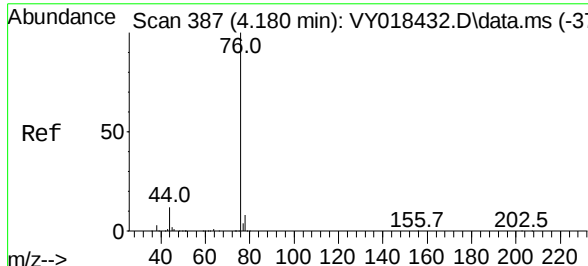
Tgt Ion: 43 Resp: 51019

Ion Ratio Lower Upper

43 100

58 31.6 31.7 47.5#



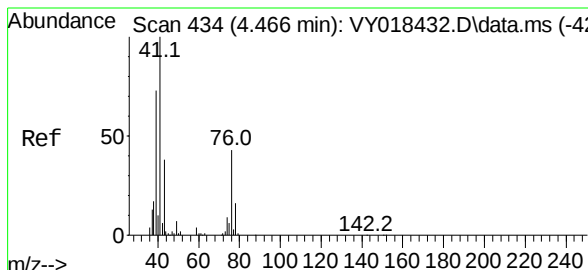
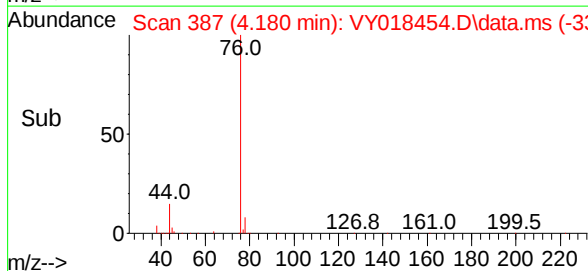
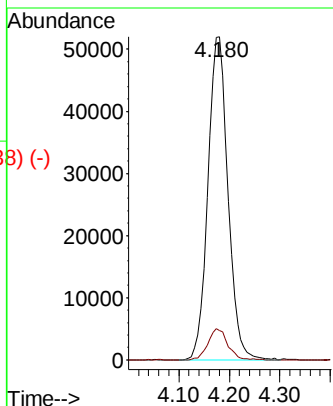
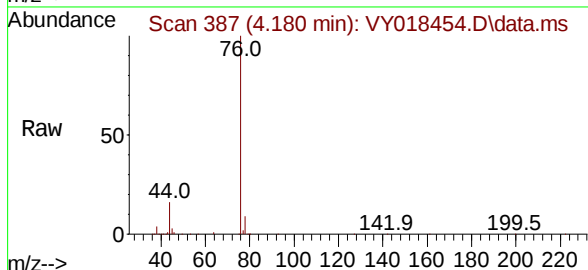


Scan 387 (4.180 min): VY018432.D\data.ms (-375) #17
 Carbon Disulfide
 Concen: 51.866 ug/l
 RT: 4.180 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 76 Resp: 143198

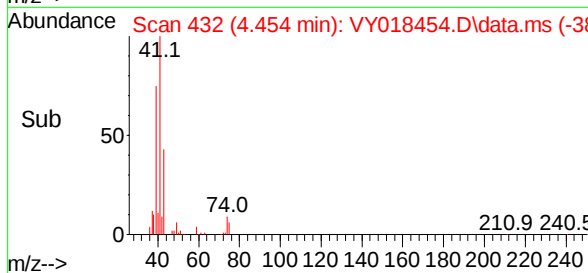
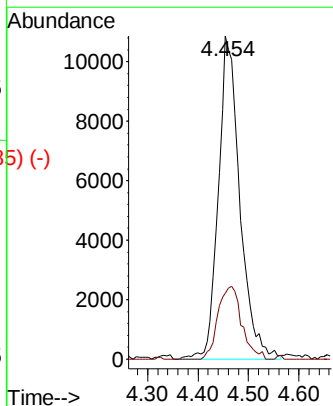
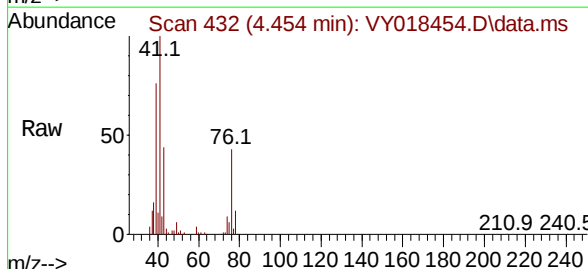
Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2

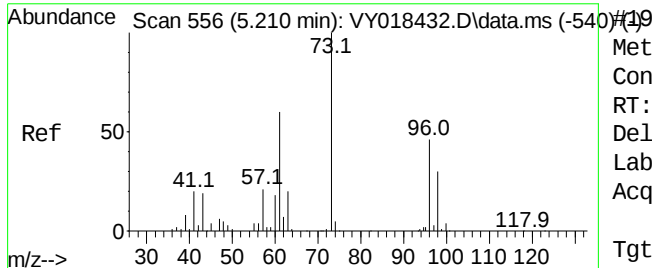


Scan 434 (4.466 min): VY018432.D\data.ms (-423) #18
 Methyl Acetate
 Concen: 65.907 ug/l
 RT: 4.454 min Scan# 432
 Delta R.T. -0.012 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

Tgt Ion: 43 Resp: 32228

Ion	Ratio	Lower	Upper
43	100		
74	24.8	23.3	34.9

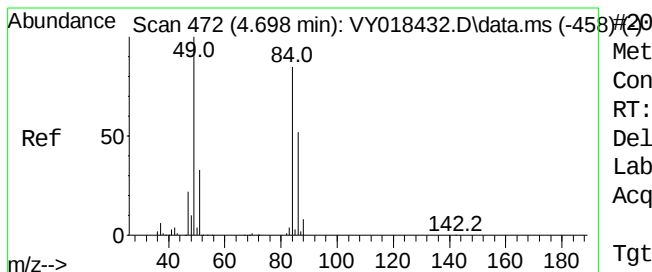
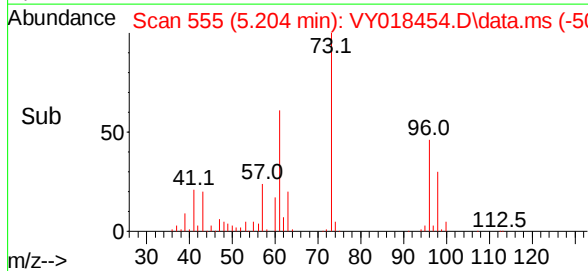
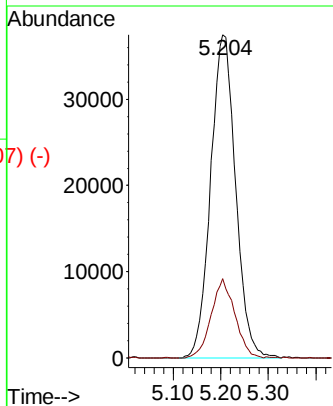
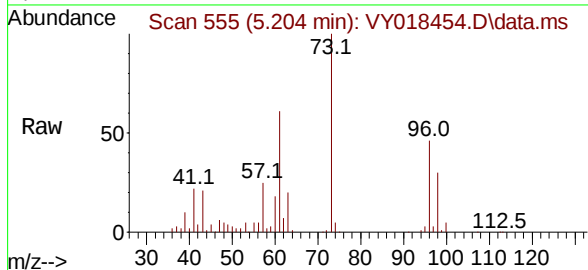




Methyl tert-butyl Ether
 Concen: 60.379 ug/l
 RT: 5.204 min Scan# 419
 Delta R.T. -0.006 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

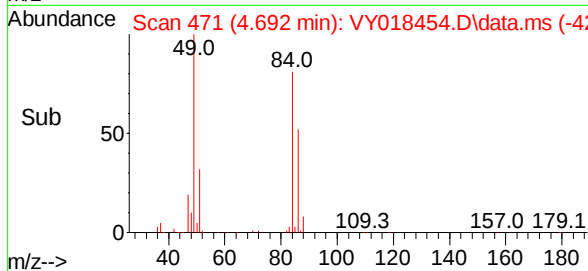
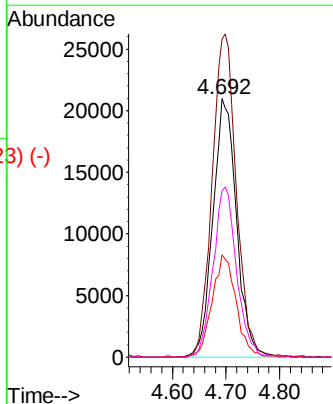
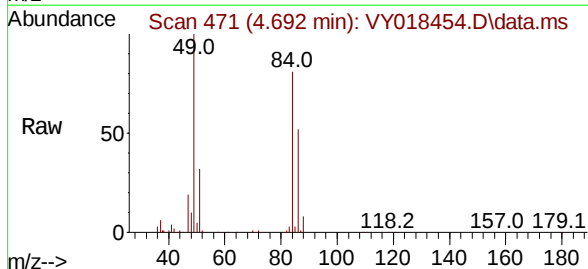
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 73 Resp: 136956
 Ion Ratio Lower Upper
 73 100
 57 24.6 17.3 25.9

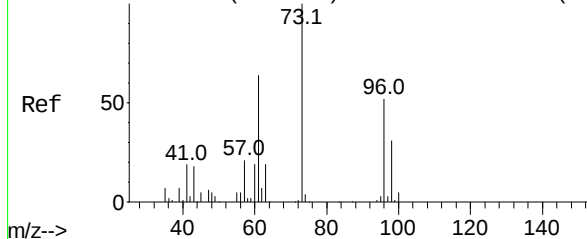


Methylene Chloride
 Concen: 61.616 ug/l
 RT: 4.692 min Scan# 471
 Delta R.T. -0.006 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

Tgt Ion: 84 Resp: 64257
 Ion Ratio Lower Upper
 84 100
 49 122.7 84.4 126.6
 51 39.7 26.0 39.0#
 86 64.4 49.5 74.3



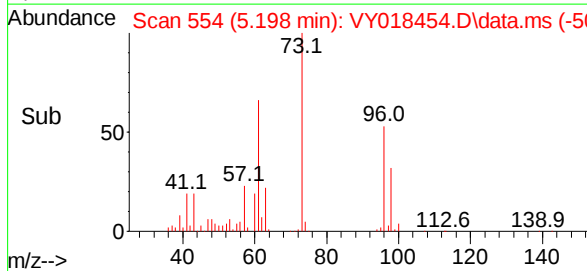
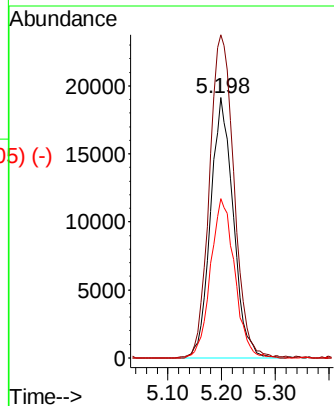
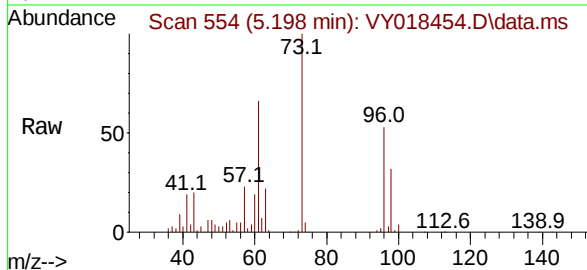
Abundance Scan 554 (5.198 min): VY018432.D\data.ms (-542)#21



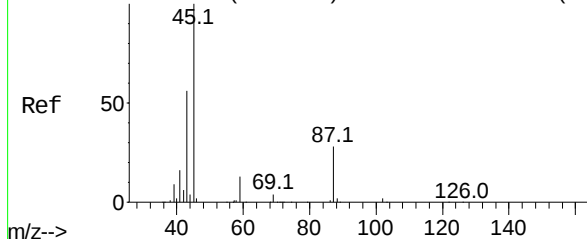
trans-1,2-Dichloroethene
Concen: 56.059 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 56304
Ion Ratio Lower Upper
96 100
61 123.7 97.5 146.3
98 61.2 50.5 75.7

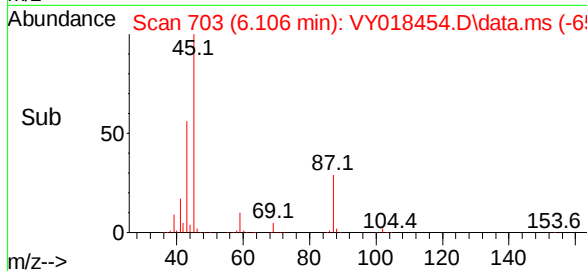
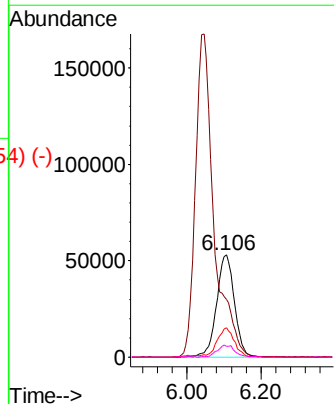
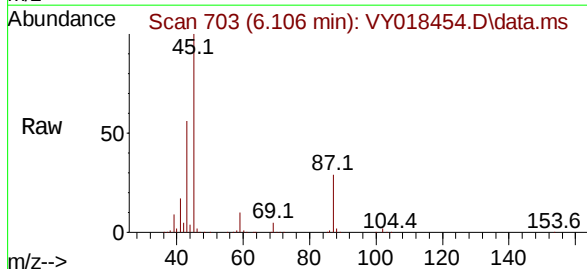


Abundance Scan 703 (6.106 min): VY018432.D\data.ms (-683)#22



Diisopropyl ether
Concen: 63.660 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion: 45 Resp: 178699
Ion Ratio Lower Upper
45 100
43 55.6 42.2 63.2
87 28.9 25.0 37.6
59 10.2 10.5 15.7#



Abundance Scan 693 (6.045 min): VY018432.D\data.ms (-680) #23

Vinyl Acetate

Concen: 314.775 ug/l

RT: 6.045 min Scan# 693

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 575050

Ion Ratio Lower Upper

43 100

86 11.2 10.6 16.0

Abundance Scan 693 (6.045 min): VY018454.D\data.ms

43.1

86.1

207.0

m/z-->

Ref

50

0

40 60 80 100 120 140 160 180 200

m/z-->

Abundance Scan 693 (6.045 min): VY018454.D\data.ms (-644) (-)

43.1

86.1

207.0

m/z-->

Sub

50

0

40 60 80 100 120 140 160 180 200

m/z-->

Abundance

150000

100000

50000

0

6.046

6.00 6.20

Time-->

Abundance Scan 686 (6.003 min): VY018432.D\data.ms (-671) #24

1,1-Dichloroethane

Concen: 60.010 ug/l

RT: 5.997 min Scan# 685

Delta R.T. -0.006 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Tgt Ion: 63 Resp: 105070

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.2

100 3.9 2.6 8.0

Abundance Scan 685 (5.997 min): VY018454.D\data.ms

63.0

43.0

82.9

98.0

m/z-->

Ref

50

0

30 40 50 60 70 80 90 100

m/z-->

Abundance Scan 685 (5.997 min): VY018454.D\data.ms (-637) (-)

63.0

43.0

82.9

98.0

m/z-->

Sub

50

0

30 40 50 60 70 80 90 100

m/z-->

Abundance

30000

20000

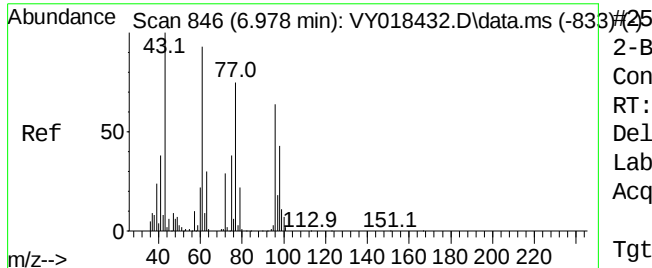
10000

0

5.997

5.90 6.00 6.10

Time-->



2-Butanone

Concen: 307.245 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

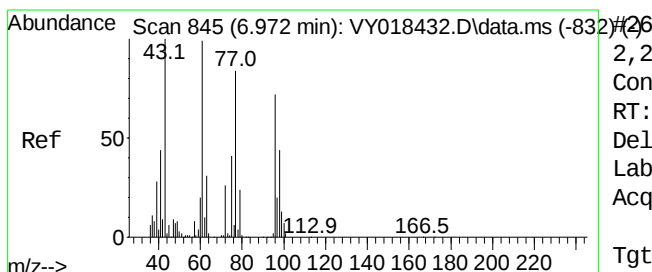
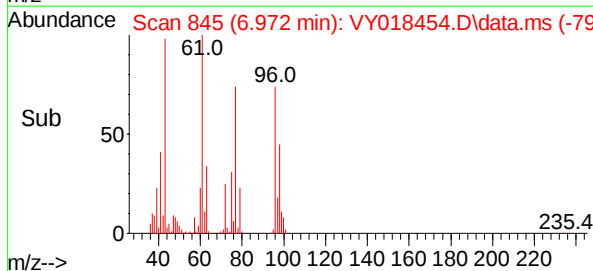
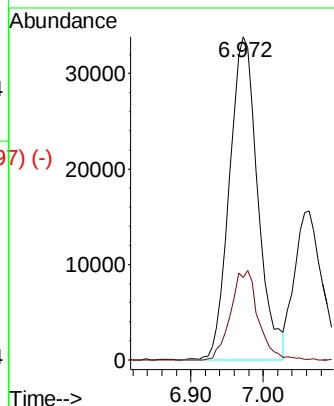
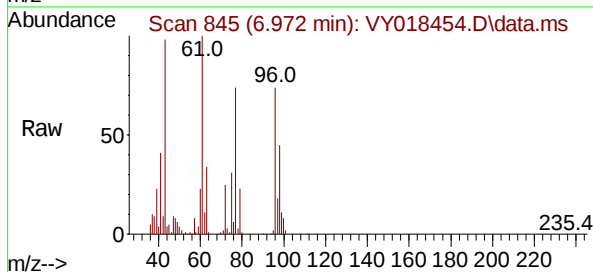
VSTDCCC050EC

Tgt Ion: 43 Resp: 92041

Ion Ratio Lower Upper

43 100

72 25.6 27.3 40.9#



2,2-Dichloropropane

Concen: 50.340 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018454.D

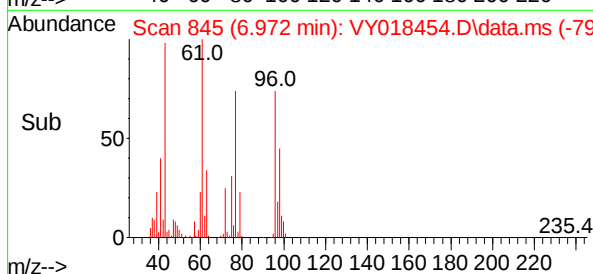
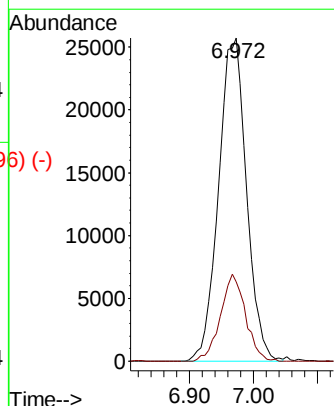
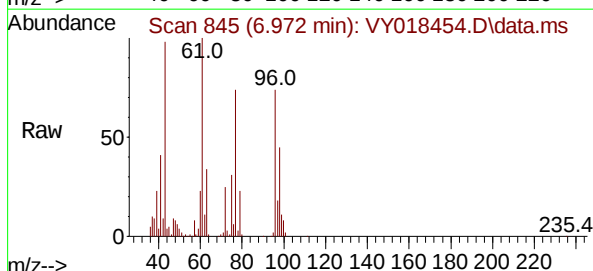
Acq: 03 Jun 2024 20:46

Tgt Ion: 77 Resp: 77466

Ion Ratio Lower Upper

77 100

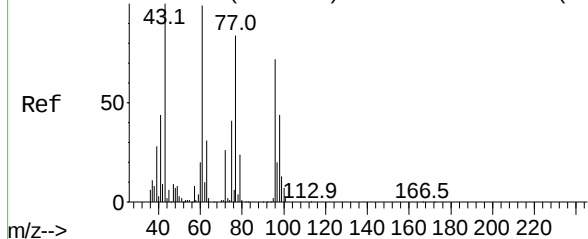
97 24.1 12.0 36.1



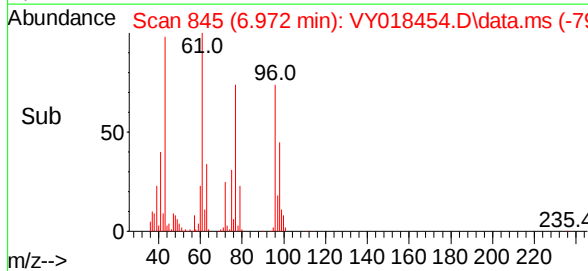
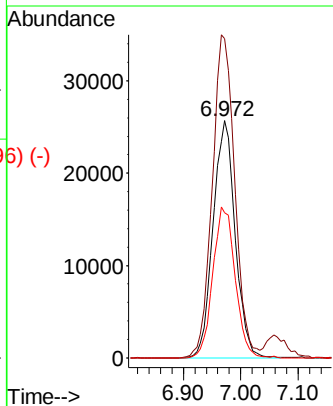
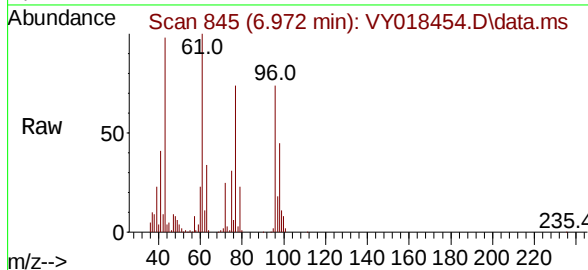
Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-833) #27

cis-1,2-Dichloroethene
Concen: 58.604 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



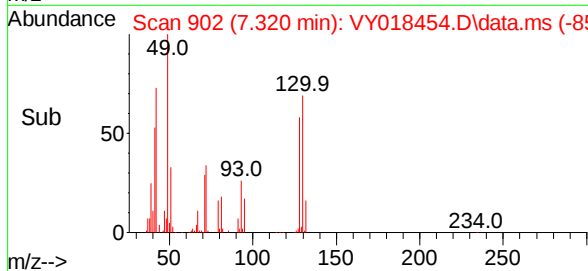
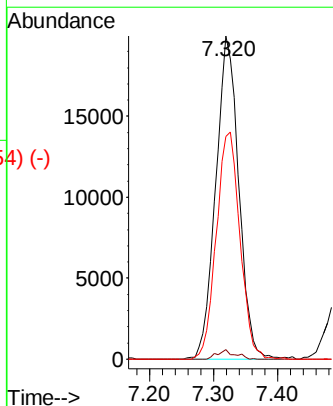
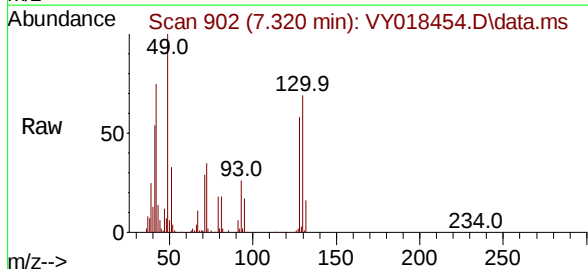
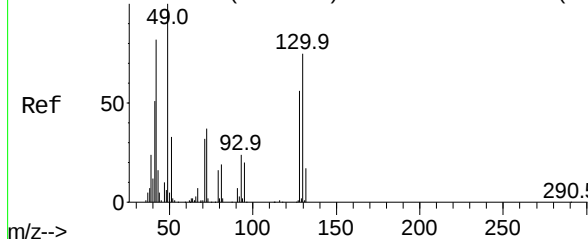
Tgt Ion:	96	Resp:	68468
Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	256.2
98	64.2	0.0	130.0



Abundance Scan 903 (7.326 min): VY018432.D\data.ms (-891) #28

Bromochloromethane
Concen: 61.349 ug/l
RT: 7.320 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	49	Resp:	49430
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	72.2	72.7	109.1#



Abundance Scan 905 (7.338 min): VY018432.D\data.ms (-890) #29

Tetrahydrofuran

Concen: 327.807 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 63775

Ion Ratio Lower Upper

42 100

72 45.9 43.0 64.4

71 40.8 40.8 61.2

Abundance Scan 905 (7.338 min): VY018454.D\data.ms

Ref

42.0

72.1

129.9

206.8

m/z-->

Abundance Scan 905 (7.338 min): VY018454.D\data.ms

Raw

42.1

72.1

129.9

243.7

m/z-->

Abundance Scan 905 (7.338 min): VY018454.D\data.ms (-856) (-)

Sub

42.1

72.1

129.9

243.7

m/z-->

Abundance

7.338

20000

15000

10000

5000

0

Time-->

Abundance Scan 931 (7.496 min): VY018432.D\data.ms (-919) #30

Chloroform

Concen: 59.977 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Tgt Ion: 83 Resp: 105322

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.4

Abundance Scan 931 (7.496 min): VY018454.D\data.ms

Ref

83.0

47.0

119.9

152.1

262.8

m/z-->

Abundance Scan 931 (7.496 min): VY018454.D\data.ms

Raw

83.0

47.0

120.0

m/z-->

Abundance Scan 931 (7.496 min): VY018454.D\data.ms (-882) (-)

Sub

83.0

47.0

120.0

m/z-->

Abundance

7.496

40000

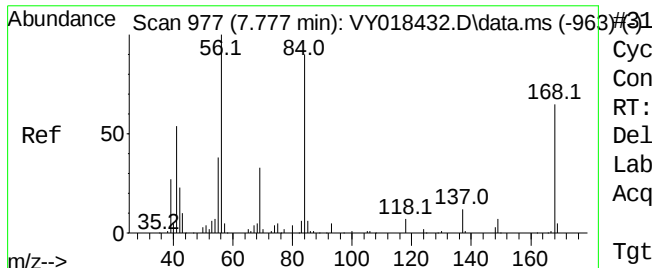
30000

20000

10000

0

Time-->



Cyclohexane

Concen: 53.094 ug/l

RT: 7.771 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

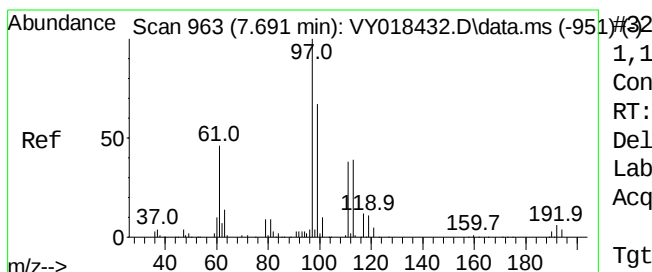
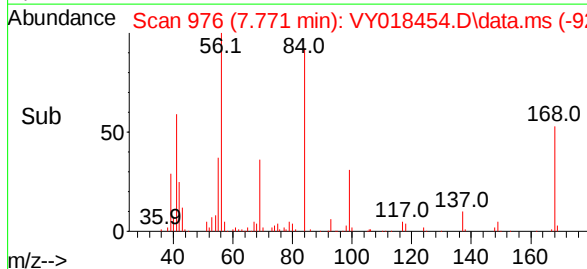
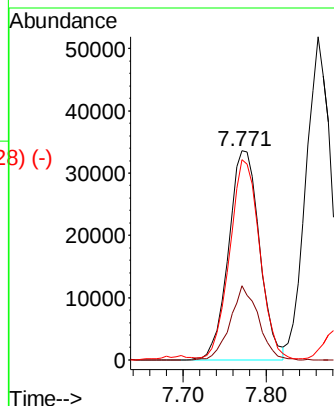
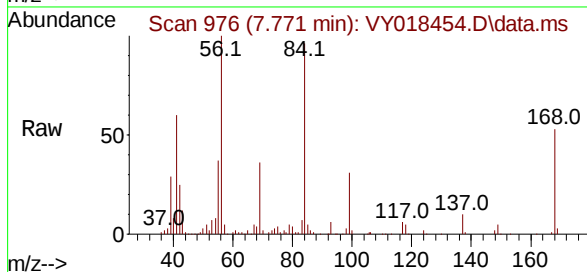
Tgt Ion: 56 Resp: 87218

Ion Ratio Lower Upper

56 100

69 35.6 28.7 43.1

84 93.6 77.7 116.5



1,1,1-Trichloroethane

Concen: 57.729 ug/l

RT: 7.692 min Scan# 963

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

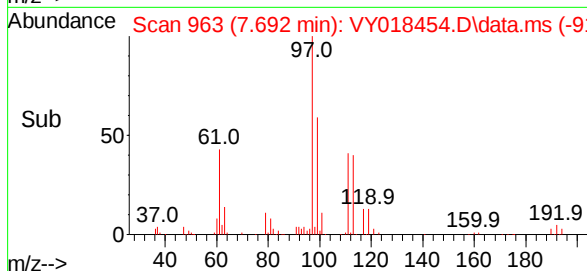
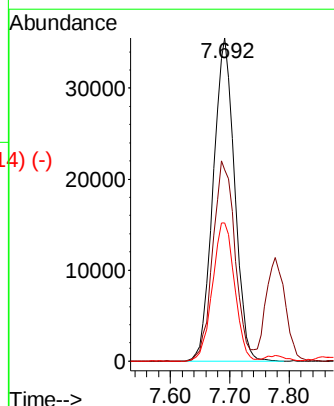
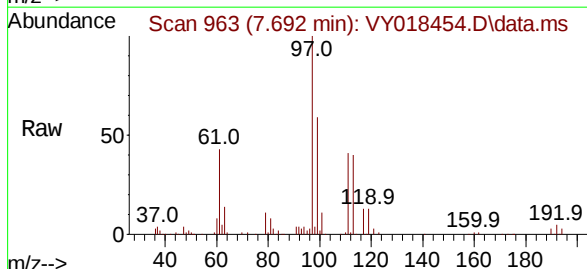
Tgt Ion: 97 Resp: 88790

Ion Ratio Lower Upper

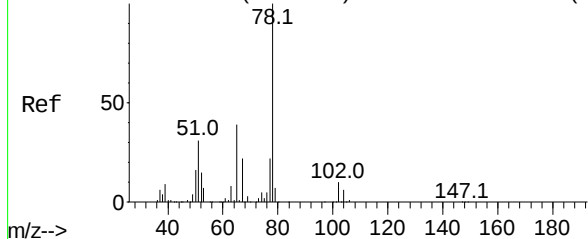
97 100

99 64.1 50.3 75.5

61 44.2 32.6 48.8



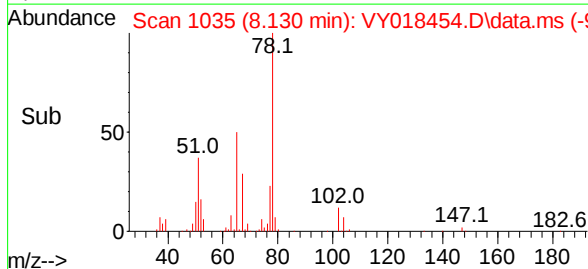
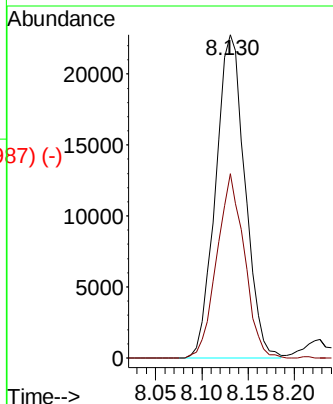
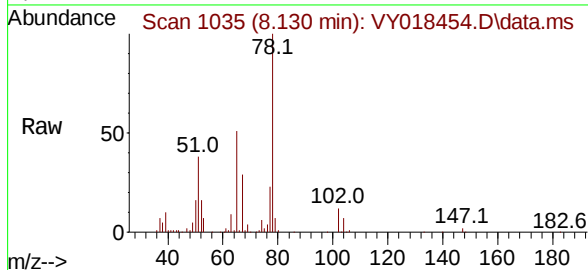
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



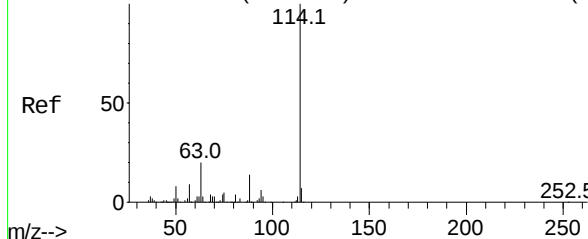
1,2-Dichloroethane-d4
Concen: 57.069 ug/l
RT: 8.130 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 50280
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6

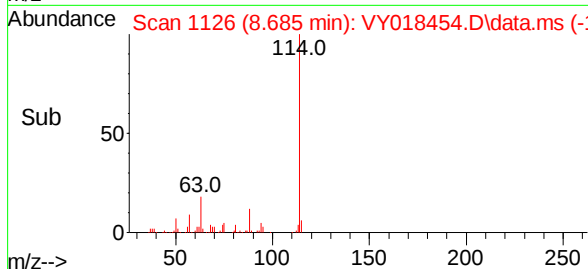
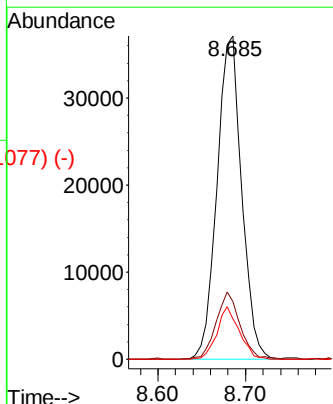
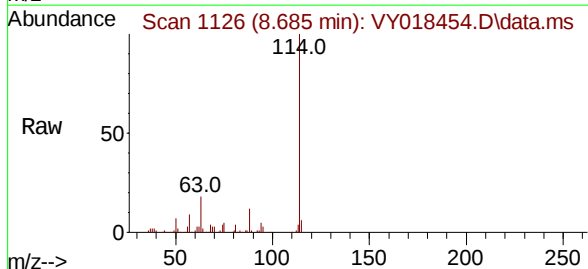


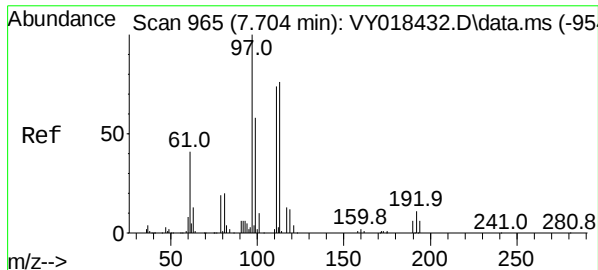
Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-111534)



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:114 Resp: 72549
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 12.4 0.0 27.2





Dibromofluoromethane

Concen: 53.616 ug/l

RT: 7.710 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

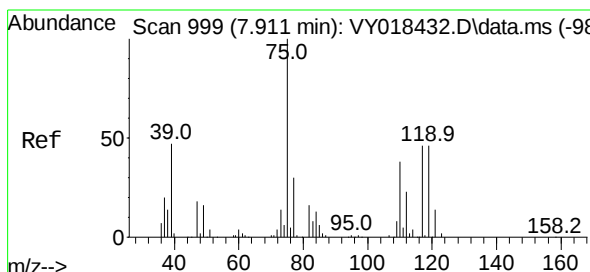
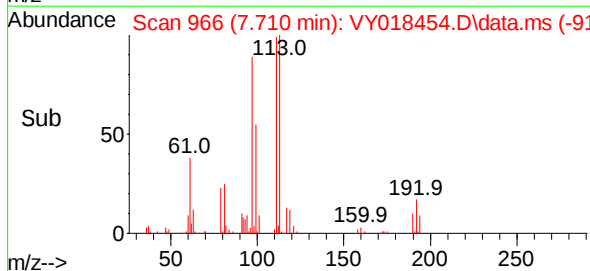
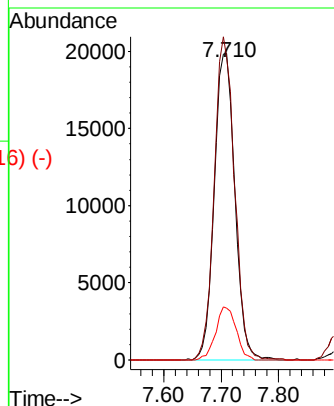
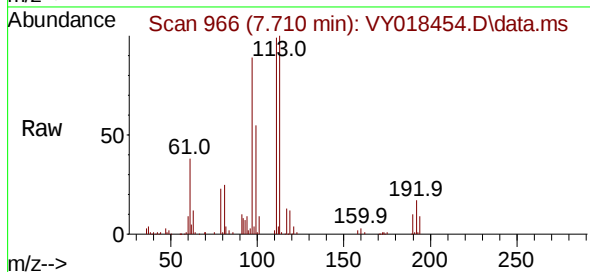
Tgt Ion:113 Resp: 49325

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 17.2 15.9 23.9



1,1-Dichloropropene

Concen: 55.280 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

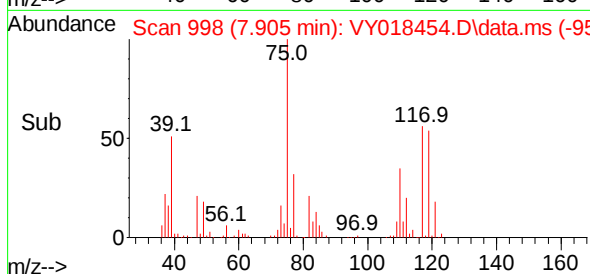
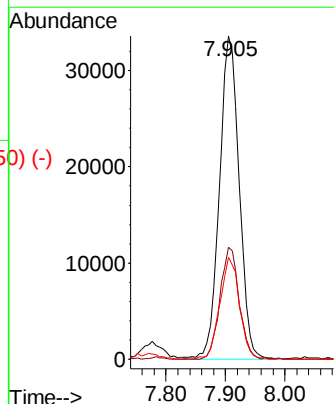
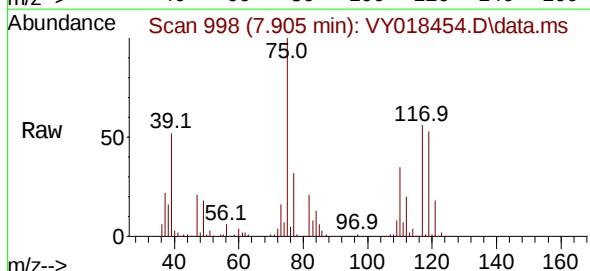
Tgt Ion: 75 Resp: 77543

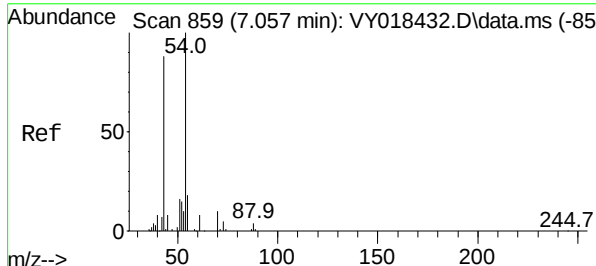
Ion Ratio Lower Upper

75 100

110 33.4 19.0 57.0

77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 59.162 ug/l

RT: 7.064 min Scan# 860

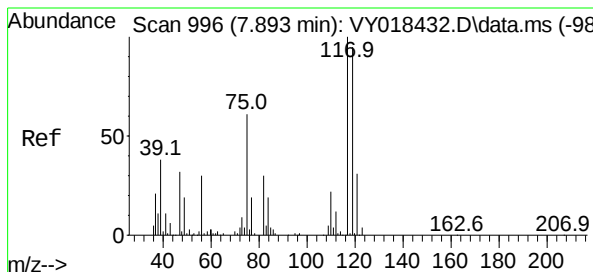
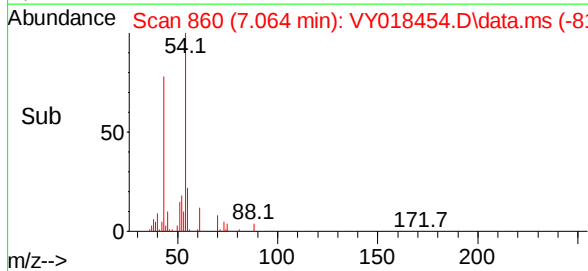
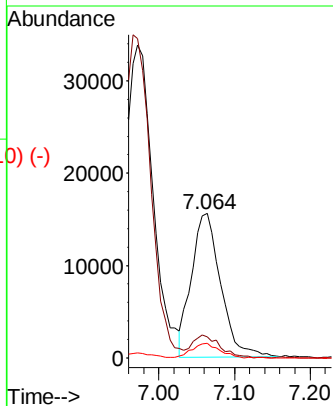
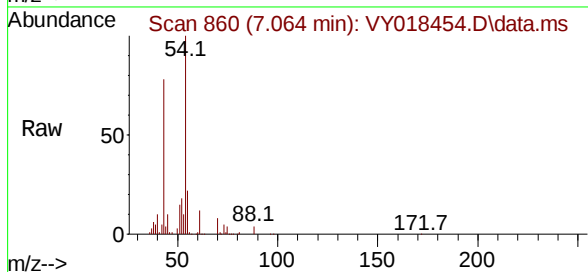
Delta R.T. 0.006 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	41458
Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.6	19.0
70	9.7	7.8	11.8



#38

Carbon Tetrachloride

Concen: 53.709 ug/l

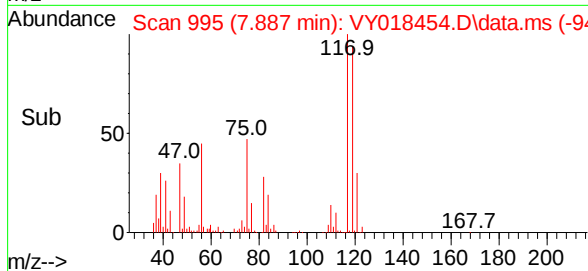
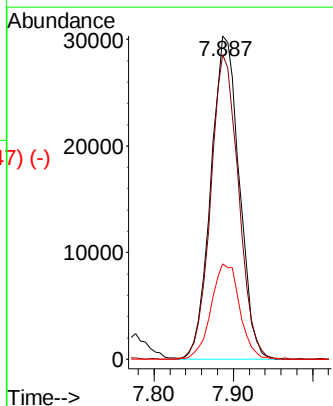
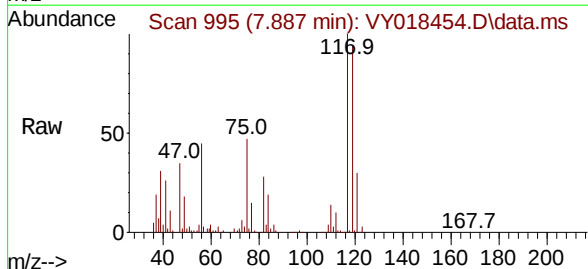
RT: 7.887 min Scan# 995

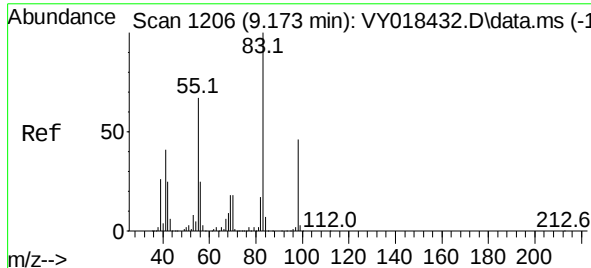
Delta R.T. -0.006 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Tgt Ion:	117	Resp:	75497
Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.6
121	29.6	24.0	36.0

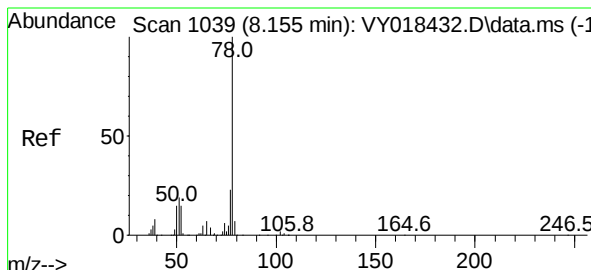
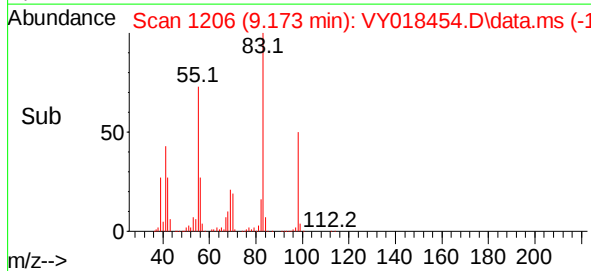
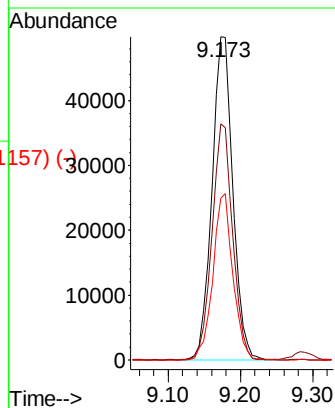
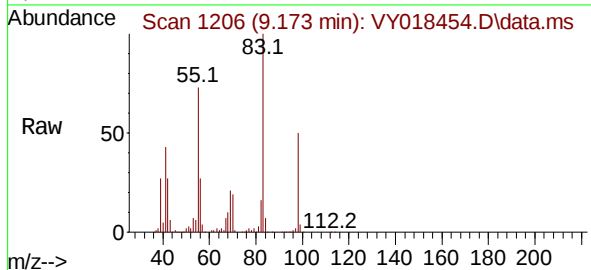




Methylcyclohexane
Concen: 52.697 ug/l
RT: 9.173 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

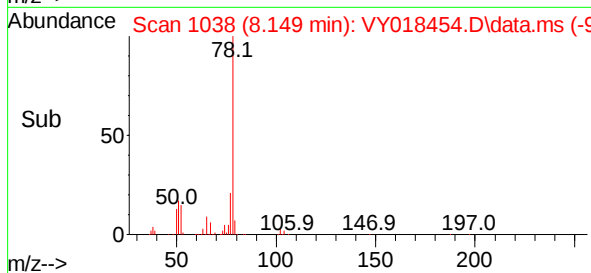
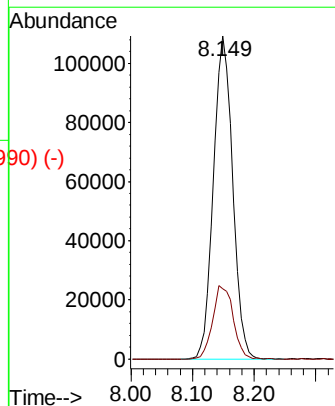
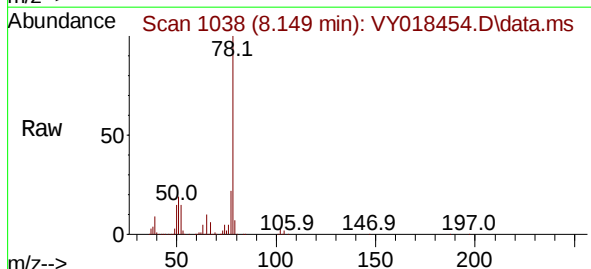
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	99929
Ion	Ratio	Lower	Upper
83	100		
55	72.9	51.5	77.3
98	50.1	40.5	60.7

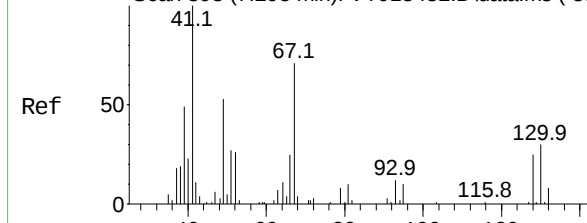


Benzene
Concen: 56.332 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	78	Resp:	236762
Ion	Ratio	Lower	Upper
78	100		
77	21.7	19.5	29.3



Abundance Scan 898 (7.295 min): VY018432.D\data.ms (-883) (-)



Methacrylonitrile

Concen: 63.660 ug/l

RT: 7.295 min Scan# 898

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 21699

Ion Ratio Lower Upper

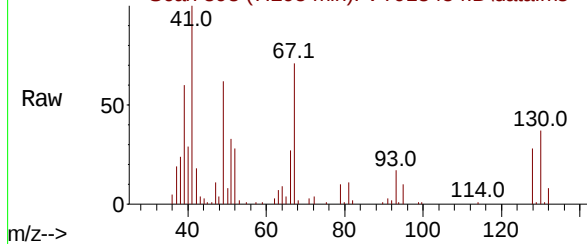
41 100

39 55.4 48.0 72.0

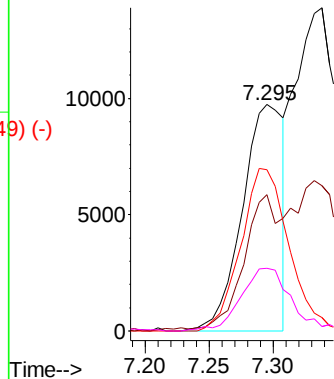
67 83.8 75.1 112.7

52 34.3 29.8 44.6

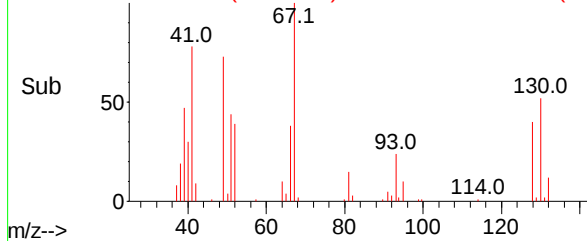
Abundance Scan 898 (7.295 min): VY018454.D\data.ms



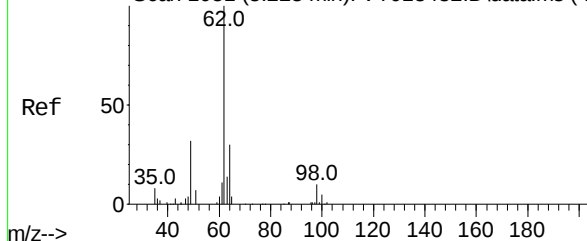
Abundance



Abundance Scan 898 (7.295 min): VY018454.D\data.ms (-849) (-)



Abundance Scan 1051 (8.228 min): VY018432.D\data.ms (-1044) (-)



1,2-Dichloroethane

Concen: 58.826 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

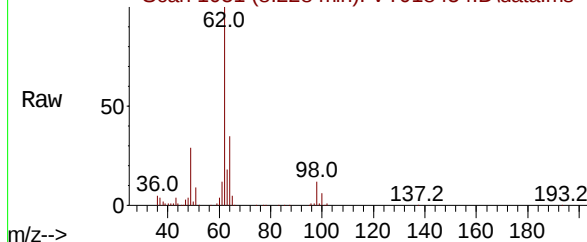
Tgt Ion: 62 Resp: 60110

Ion Ratio Lower Upper

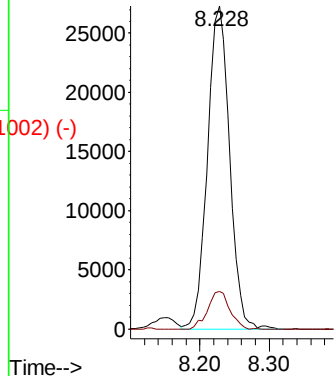
62 100

98 11.8 0.0 22.0

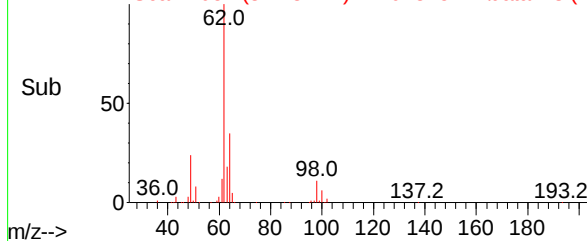
Abundance Scan 1051 (8.228 min): VY018454.D\data.ms



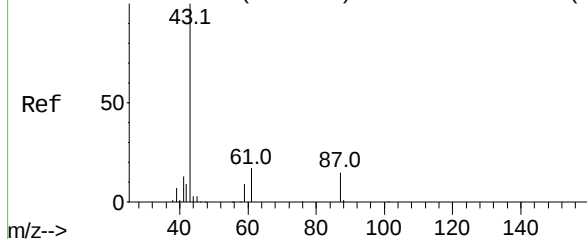
Abundance



Abundance Scan 1051 (8.228 min): VY018454.D\data.ms (-1002) (-)



Abundance Scan 1057 (8.264 min): VY018432.D\data.ms (-1043)



Isopropyl Acetate

Concen: 62.627 ug/l

RT: 8.265 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

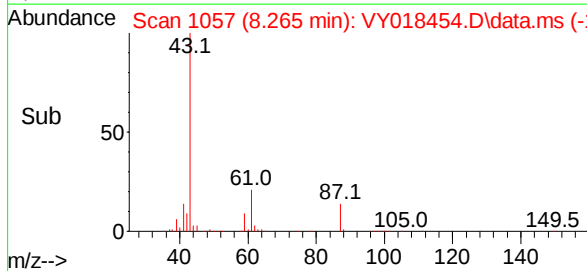
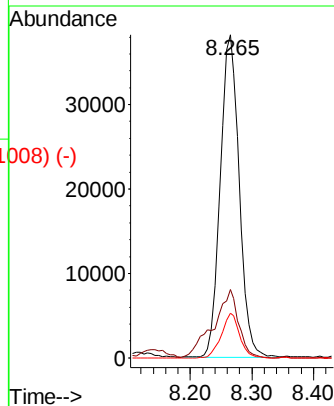
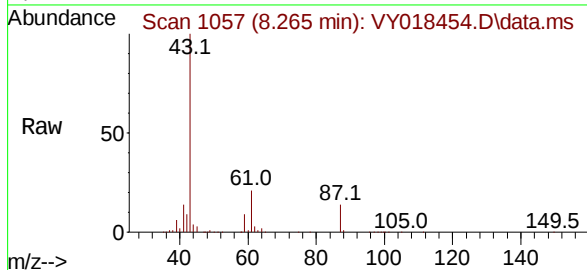
Tgt Ion: 43 Resp: 82061

Ion Ratio Lower Upper

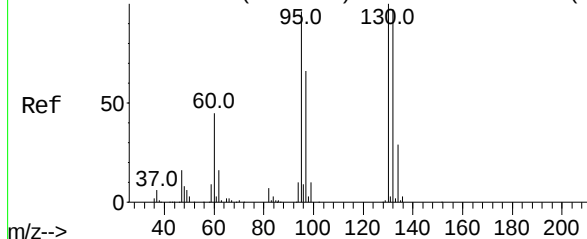
43 100

61 28.1 27.9 41.9

87 13.3 13.1 19.7



Abundance Scan 1167 (8.935 min): VY018432.D\data.ms (-1154)



Trichloroethene

Concen: 55.296 ug/l

RT: 8.929 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VY018454.D

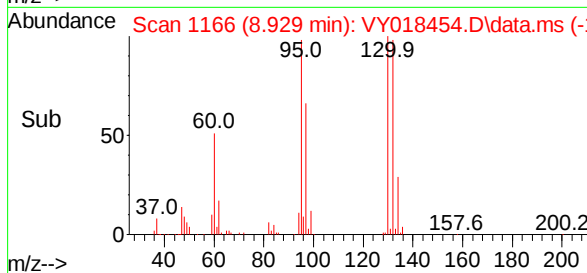
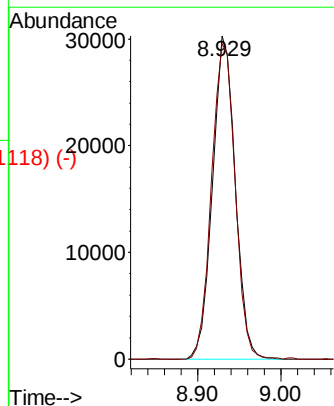
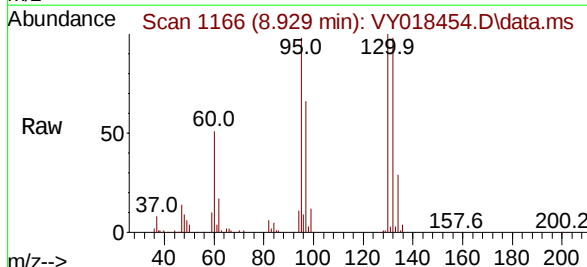
Acq: 03 Jun 2024 20:46

Tgt Ion:130 Resp: 57593

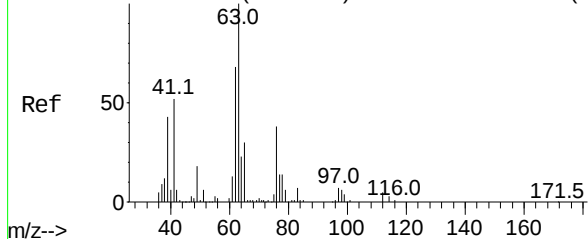
Ion Ratio Lower Upper

130 100

95 97.5 0.0 188.0



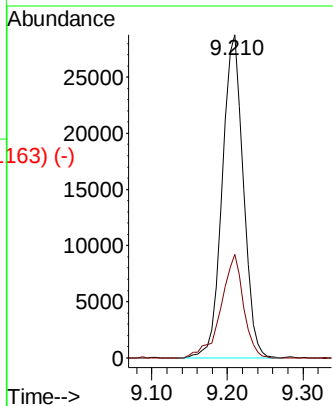
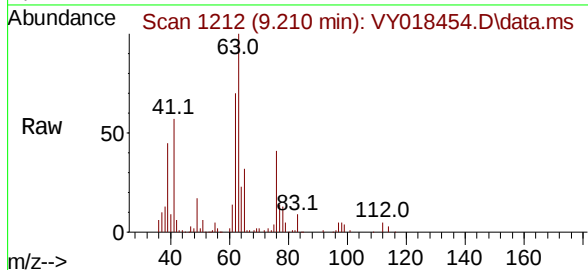
Abundance Scan 1212 (9.209 min): VY018432.D\data.ms (-120045)



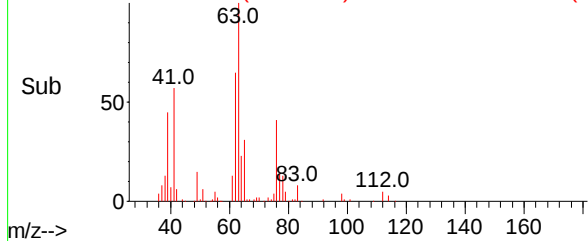
1,2-Dichloropropane
Concen: 57.916 ug/l
RT: 9.210 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

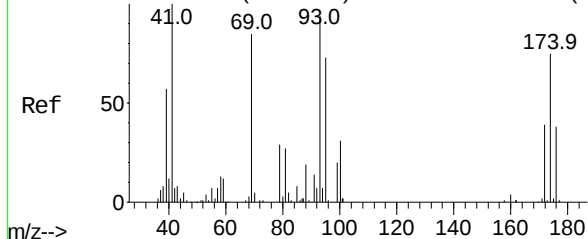
Tgt Ion: 63 Resp: 55669
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.2



Abundance Scan 1212 (9.210 min): VY018454.D\data.ms (-1163) (-)

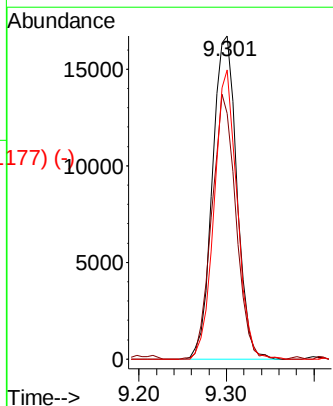
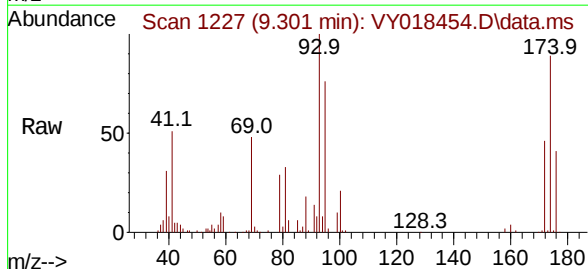


Abundance Scan 1226 (9.295 min): VY018432.D\data.ms (-12116)

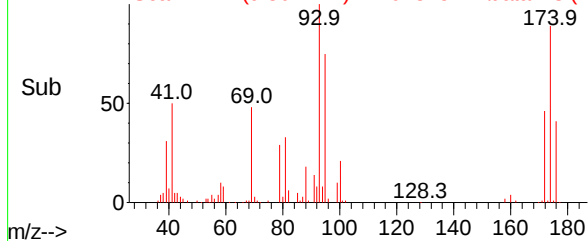


Dibromomethane
Concen: 58.729 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

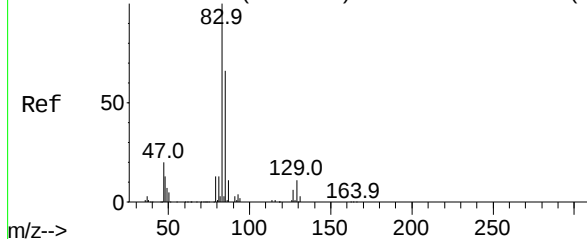
Tgt Ion: 93 Resp: 32365
Ion Ratio Lower Upper
93 100
95 81.0 66.2 99.4
174 83.7 80.9 121.3



Abundance Scan 1227 (9.301 min): VY018454.D\data.ms (-1177) (-)



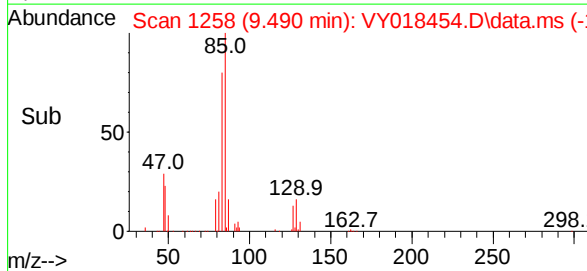
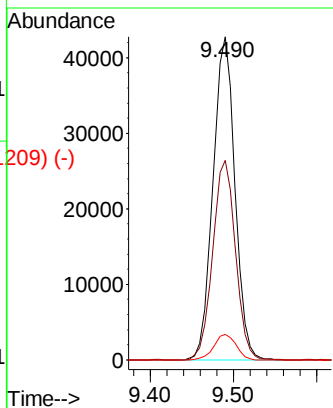
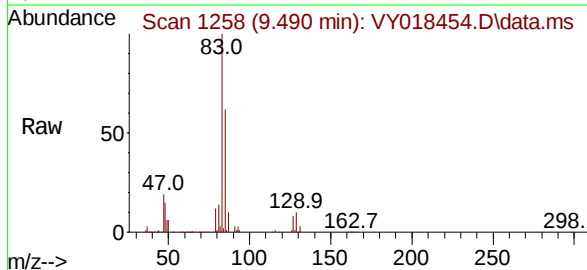
Abundance Scan 1258 (9.490 min): VY018432.D\data.ms (-1247)



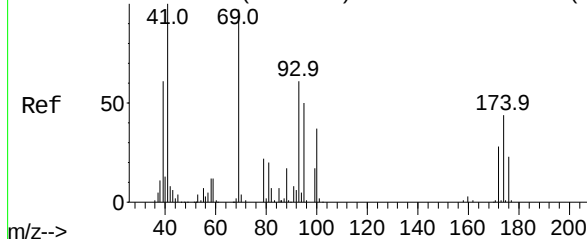
Bromodichloromethane
Concen: 59.611 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	78857
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.1	75.1
127	7.9	7.4	11.0

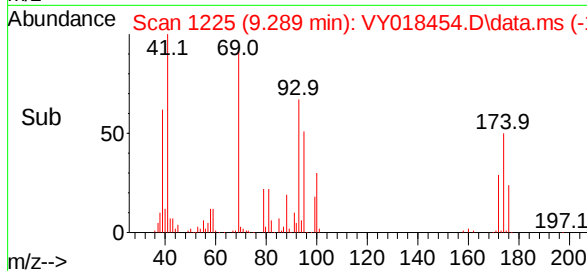
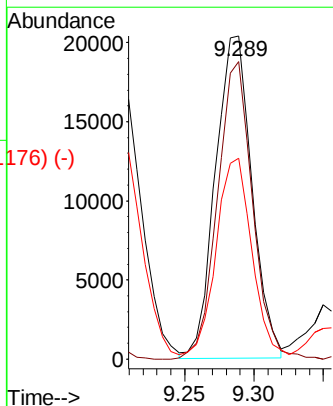
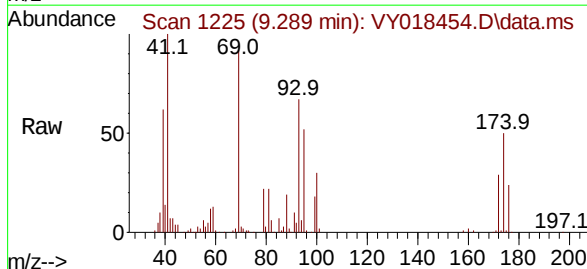


Abundance Scan 1225 (9.289 min): VY018432.D\data.ms (-1218)

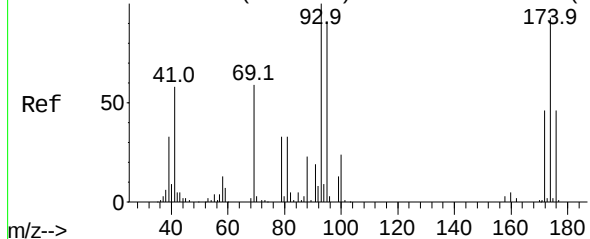


Methyl methacrylate
Concen: 61.917 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	41	Resp:	37327
Ion	Ratio	Lower	Upper
41	100		
69	88.6	84.1	126.1
39	58.7	43.6	65.4



Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-1216)



1,4-Dioxane

Concen: 1299.031 ug/l

RT: 9.283 min Scan#

Delta R.T. -0.018 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 9401

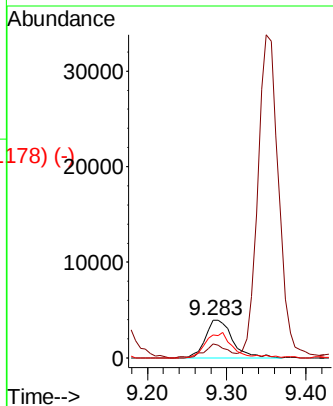
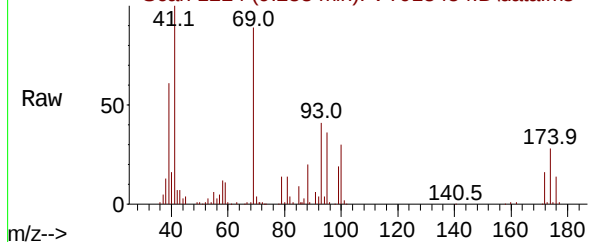
Ion Ratio Lower Upper

88 100

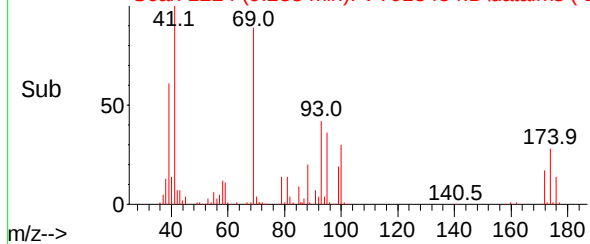
43 31.5 0.0 0.0#

58 62.6 49.3 73.9

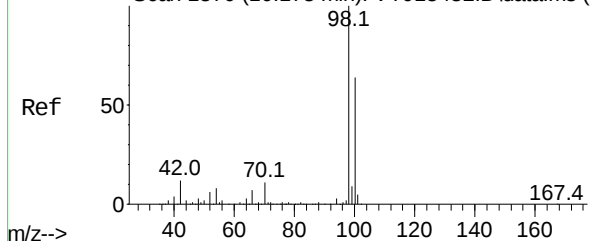
Abundance Scan 1224 (9.283 min): VY018454.D\data.ms



Abundance Scan 1224 (9.283 min): VY018454.D\data.ms (-1178) (-)



Abundance Scan 1370 (10.173 min): VY018432.D\data.ms (-1359) (-)



Toluene-d8

Concen: 52.358 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018454.D

Acq: 03 Jun 2024 20:46

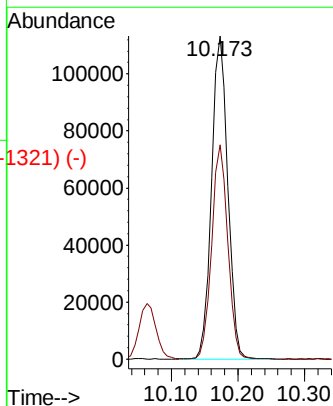
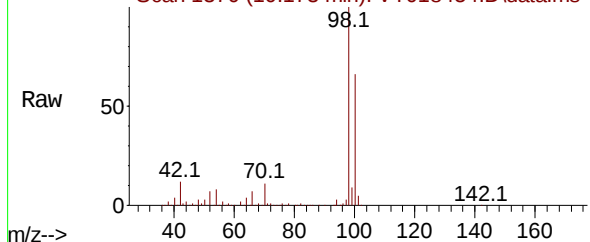
Tgt Ion: 98 Resp: 191624

Ion Ratio Lower Upper

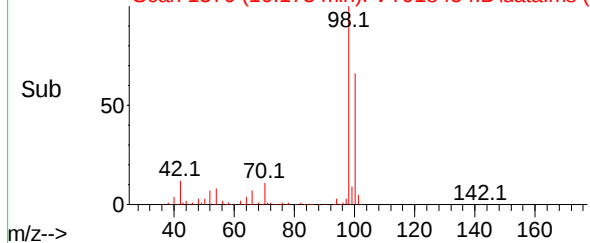
98 100

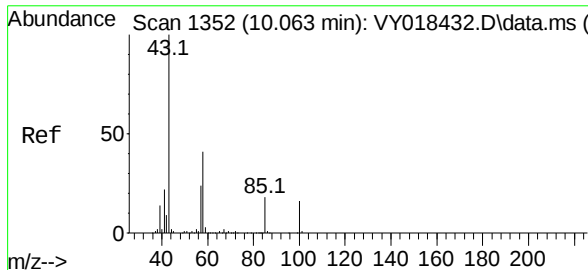
100 66.0 52.0 78.0

Abundance Scan 1370 (10.173 min): VY018454.D\data.ms



Abundance Scan 1370 (10.173 min): VY018454.D\data.ms (-1321) (-)

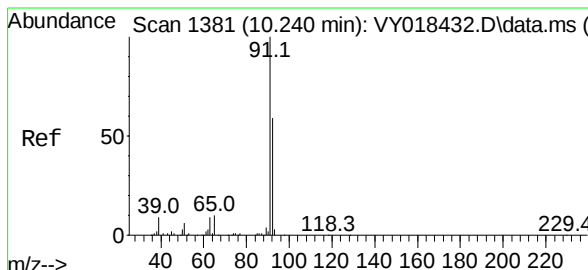
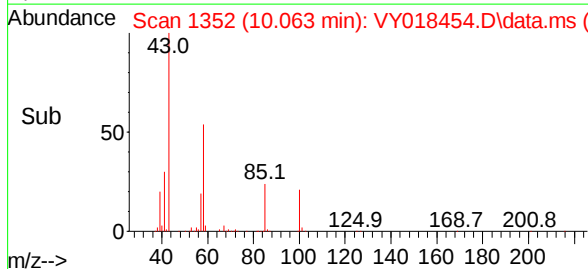
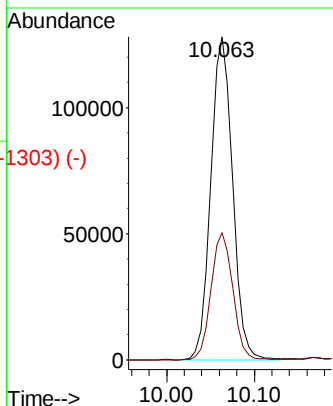
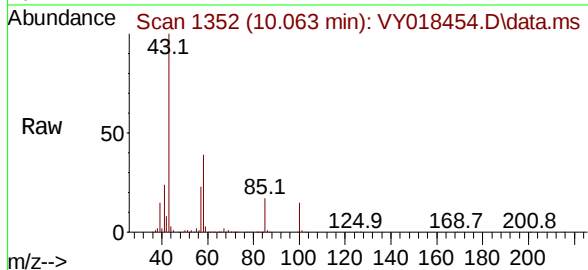




4-Methyl-2-Pentanone
Concen: 325.390 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

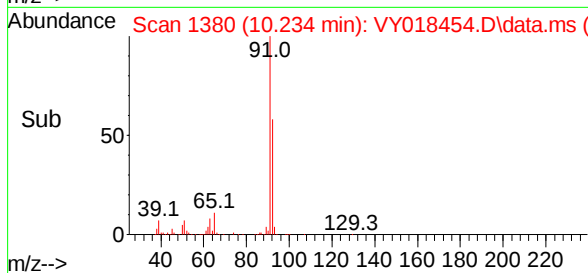
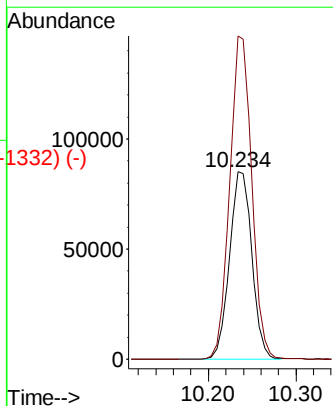
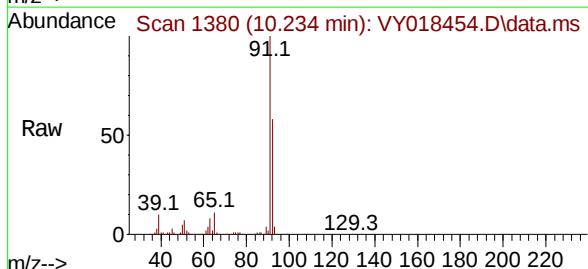
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

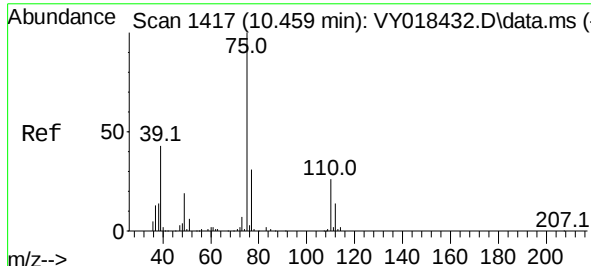
Tgt Ion: 43 Resp: 221391
Ion Ratio Lower Upper
43 100
58 39.2 35.7 53.5



Toluene
Concen: 58.178 ug/l
RT: 10.234 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion: 92 Resp: 150394
Ion Ratio Lower Upper
92 100
91 170.2 139.0 208.6

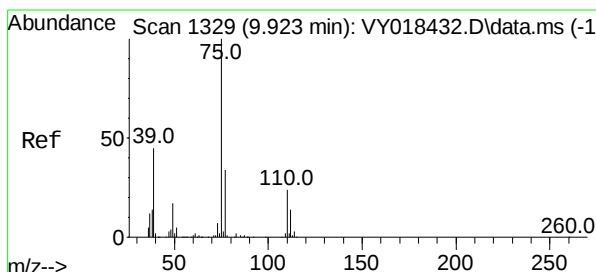
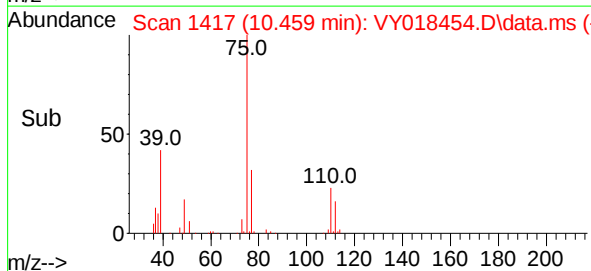
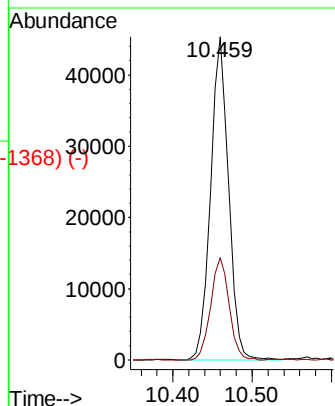
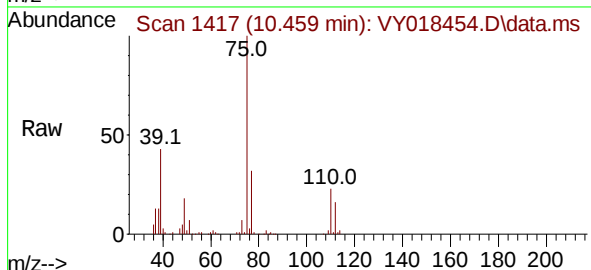




t-1,3-Dichloropropene
Concen: 58.747 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

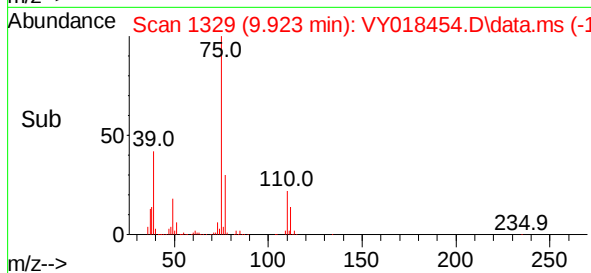
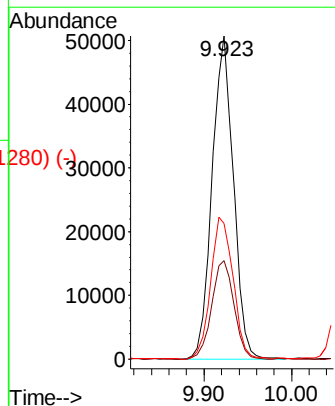
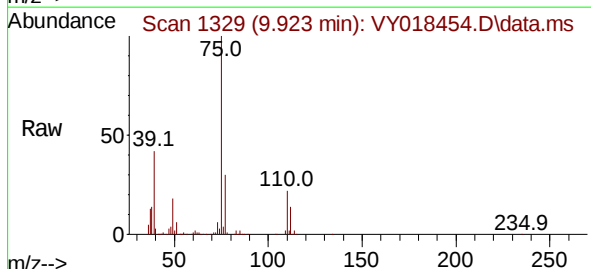
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

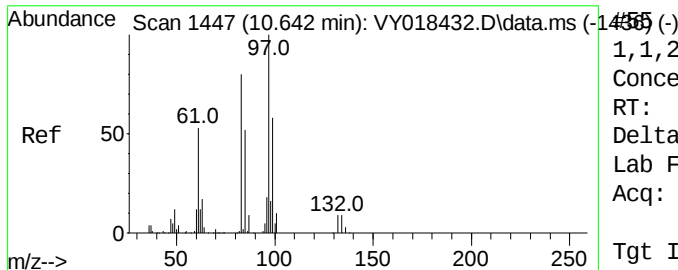
Tgt Ion: 75 Resp: 71367
Ion Ratio Lower Upper
75 100
77 31.7 24.1 36.1



cis-1,3-Dichloropropene
Concen: 57.302 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion: 75 Resp: 85711
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0
39 41.9 29.8 44.6

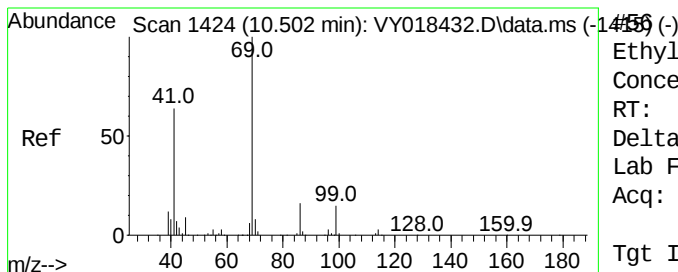
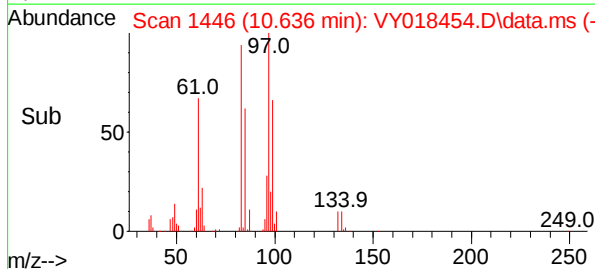
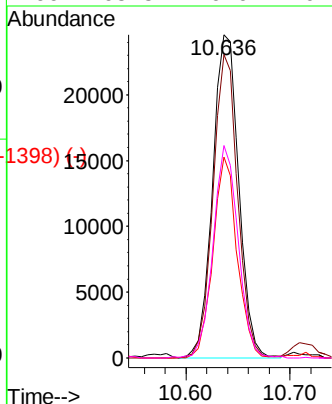
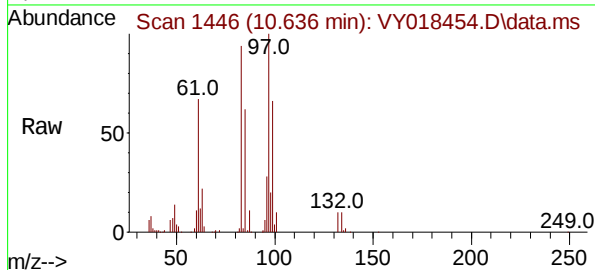




1,1,2-Trichloroethane
Concen: 60.179 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

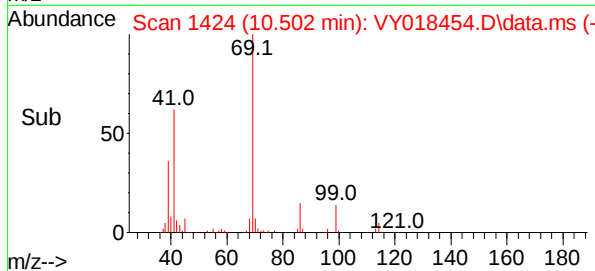
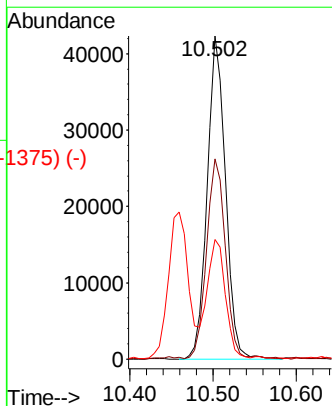
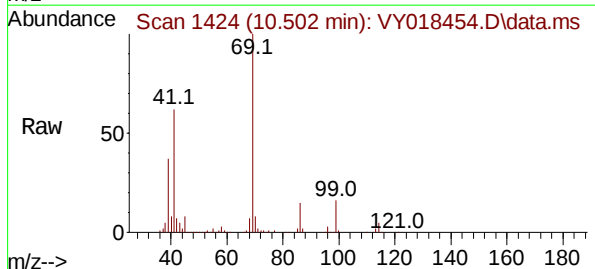
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

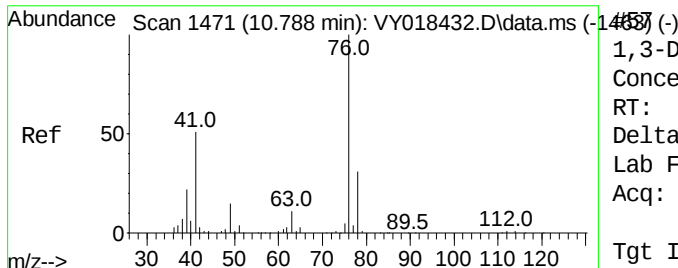
Tgt Ion:	97	Resp:	43147
Ion	Ratio	Lower	Upper
97	100		
83	93.9	67.5	101.3
85	62.0	42.9	64.3
99	65.5	46.6	70.0



Ethyl methacrylate
Concen: 63.909 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	69	Resp:	64480
Ion	Ratio	Lower	Upper
69	100		
41	63.6	42.3	63.5#
39	35.4	22.9	34.3#

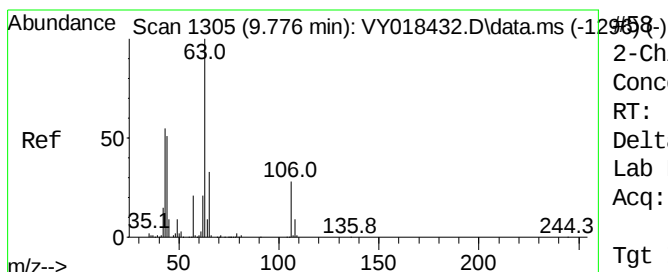
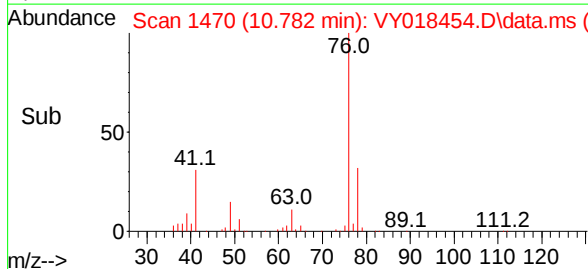
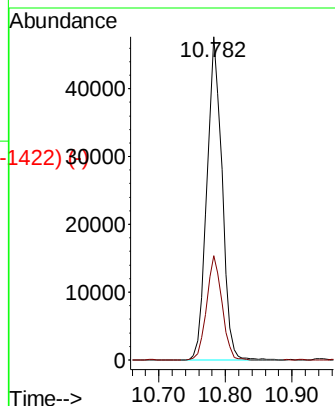
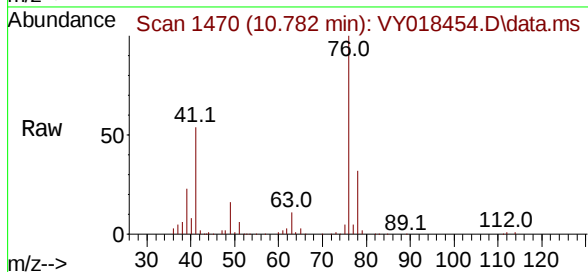




1,3-Dichloropropane
Concen: 61.847 ug/l
RT: 10.782 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

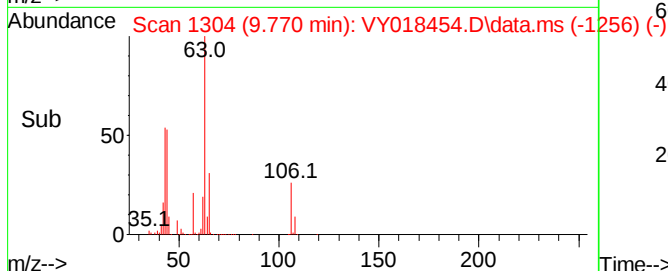
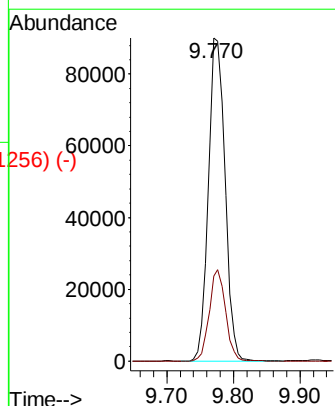
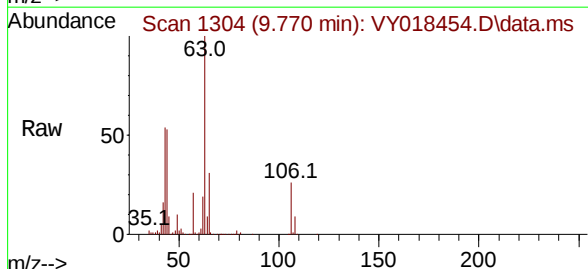
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

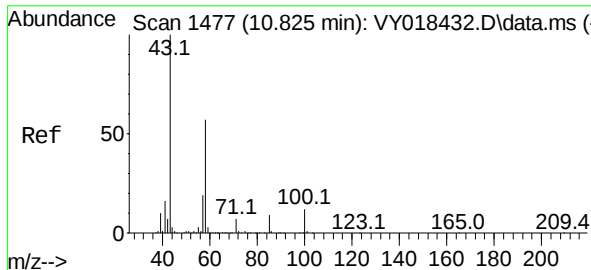
Tgt Ion: 76 Resp: 75278
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



2-Chloroethyl Vinyl ether
Concen: 290.469 ug/l
RT: 9.770 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion: 63 Resp: 157376
Ion Ratio Lower Upper
63 100
106 27.5 23.7 35.5

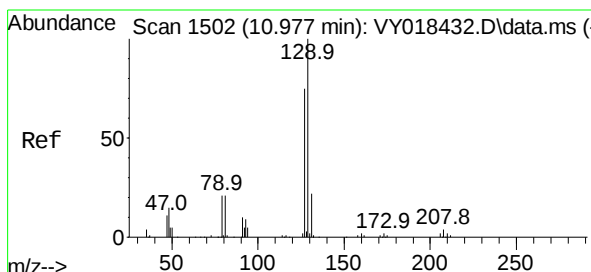
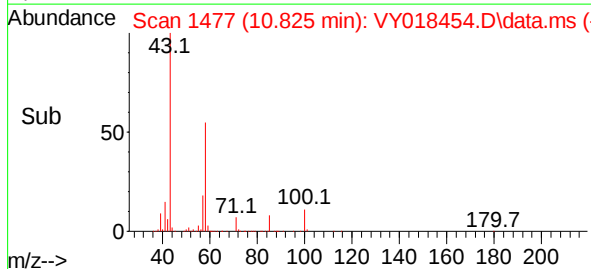
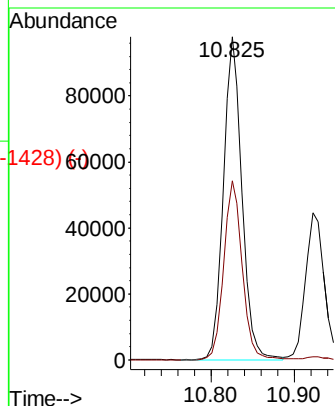
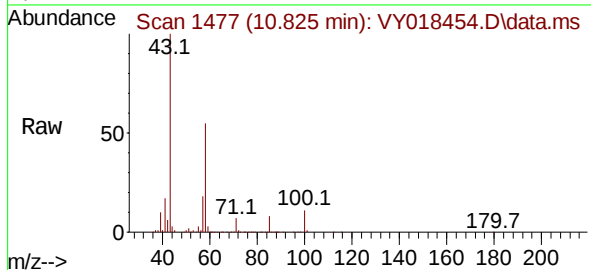




2-Hexanone
Concen: 326.955 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

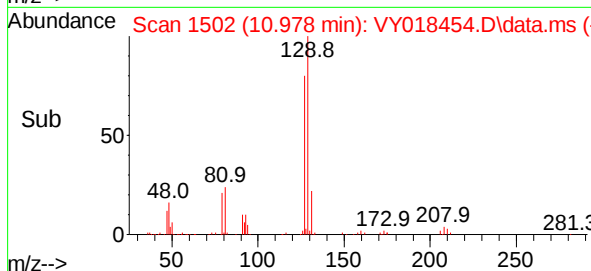
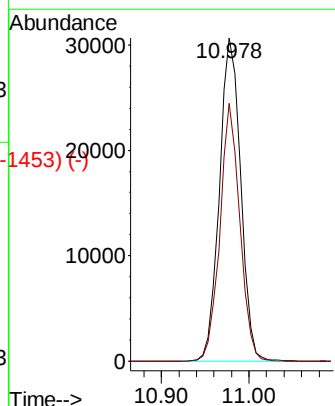
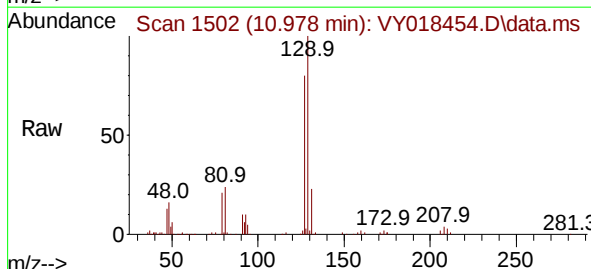
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

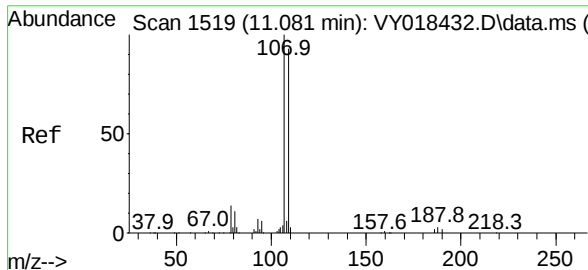
Tgt Ion: 43 Resp: 153726
Ion Ratio Lower Upper
43 100
58 55.5 31.4 94.0



Dibromochloromethane
Concen: 58.871 ug/l
RT: 10.978 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion: 129 Resp: 51567
Ion Ratio Lower Upper
129 100
127 75.0 39.0 117.0

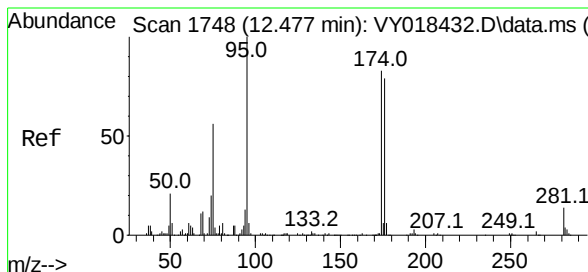
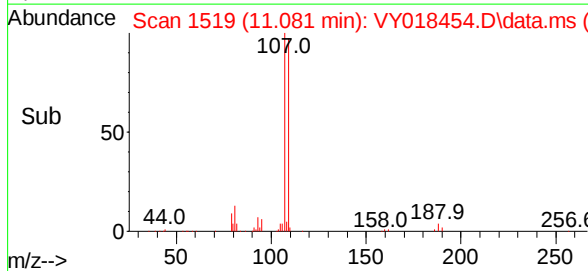
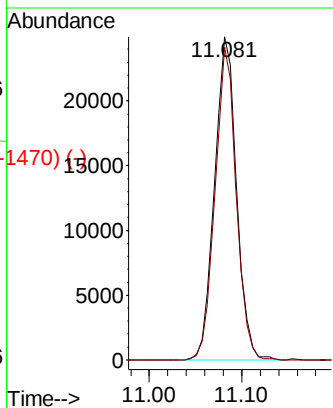
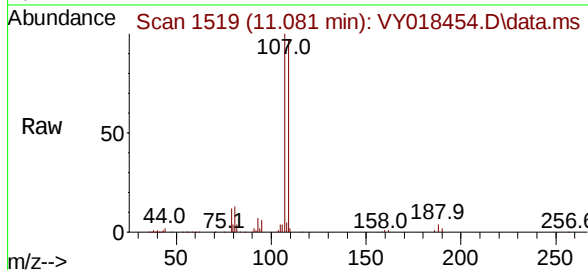




Scan 1519 (11.081 min): VY018432.D\data.ms (-1519) (-)
 1,2-Dibromoethane
 Concen: 60.935 ug/l
 RT: 11.081 min Scan# 1519
 Delta R.T. 0.000 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

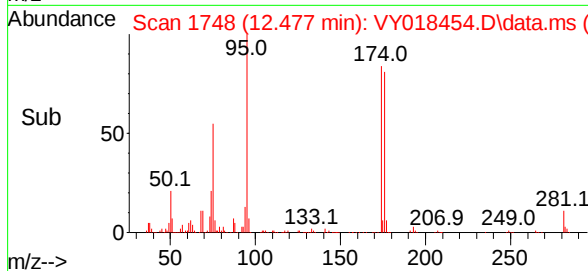
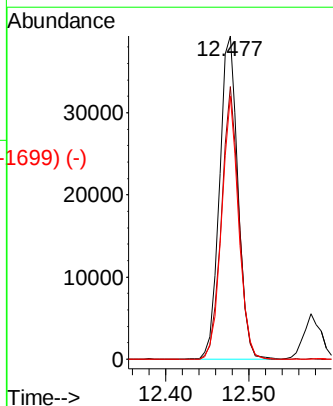
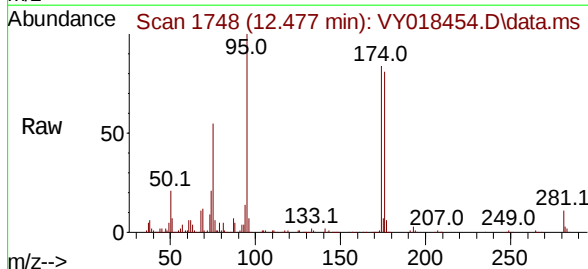
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

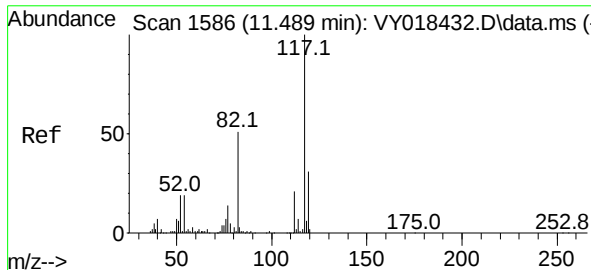
Tgt Ion: 107 Resp: 41141
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.9 113.9



Scan 1748 (12.477 min): VY018432.D\data.ms (-1748) (-)
 4-Bromofluorobenzene
 Concen: 53.932 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

Tgt Ion: 95 Resp: 61457
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 175.6
 176 75.2 0.0 171.4

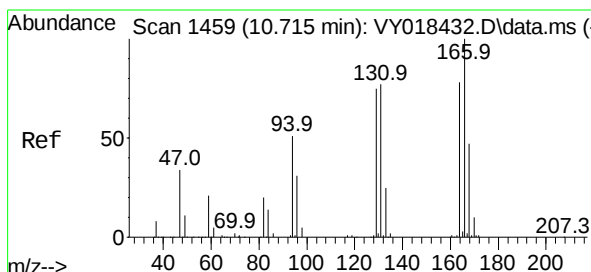
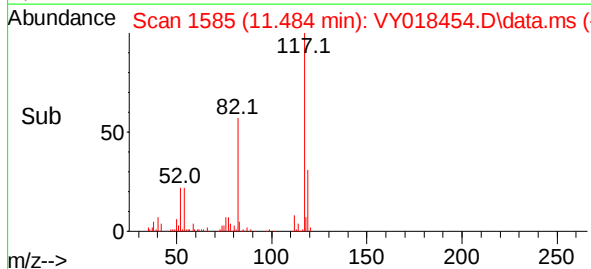
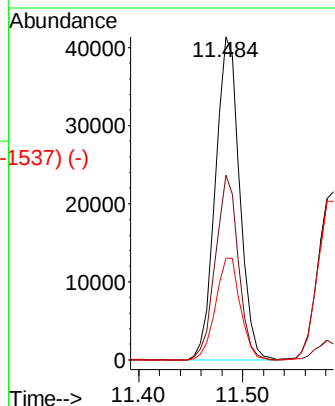
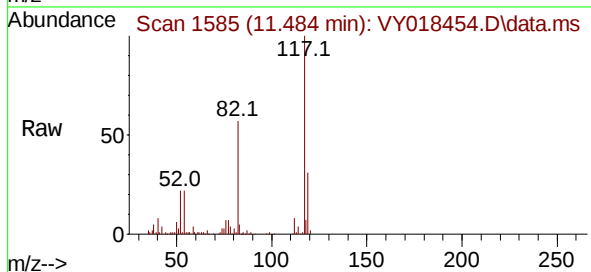




Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

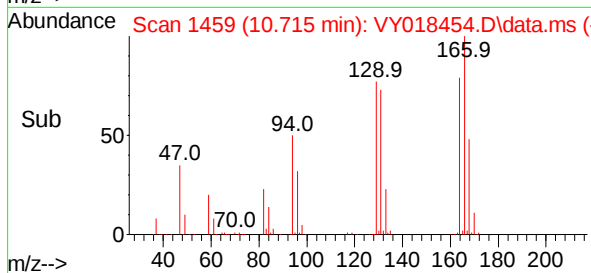
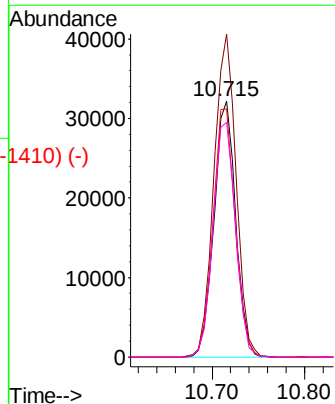
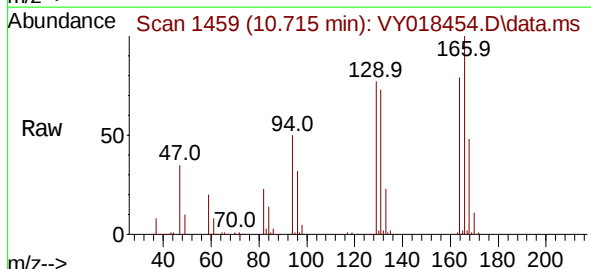
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

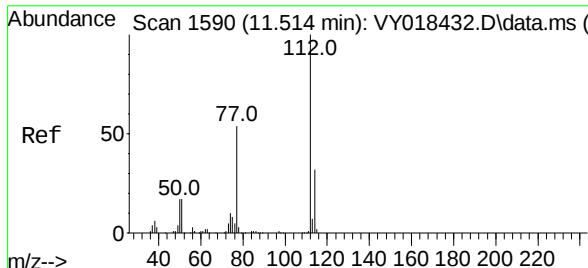
Tgt Ion:	117	Resp:	67300
Ion	Ratio	Lower	Upper
117	100		
82	57.1	42.4	63.6
119	31.4	25.9	38.9



Tetrachloroethene
Concen: 52.737 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	164	Resp:	52280
Ion	Ratio	Lower	Upper
164	100		
166	126.2	102.6	154.0
129	96.8	72.0	108.0
131	91.7	70.0	105.0

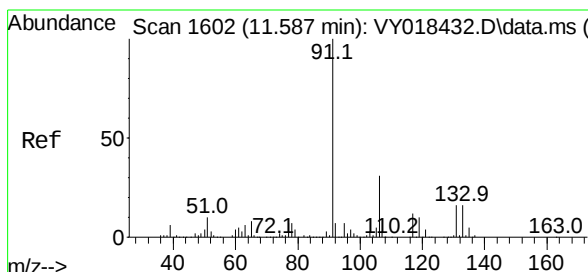
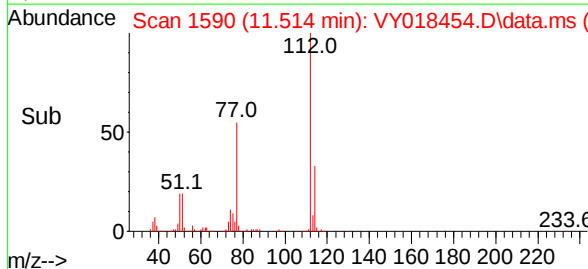
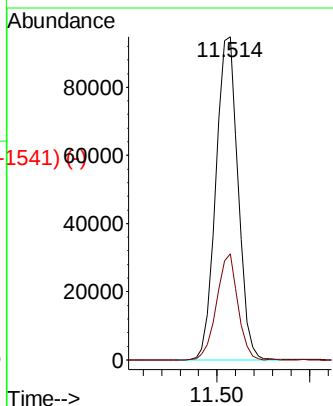
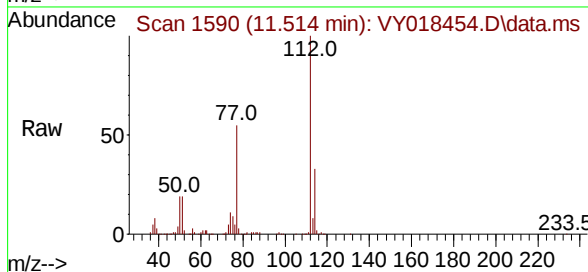




Chlorobenzene
 Concen: 54.663 ug/l
 RT: 11.514 min Scan# 1585
 Delta R.T. 0.000 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

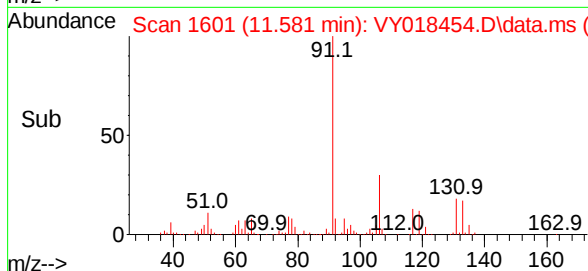
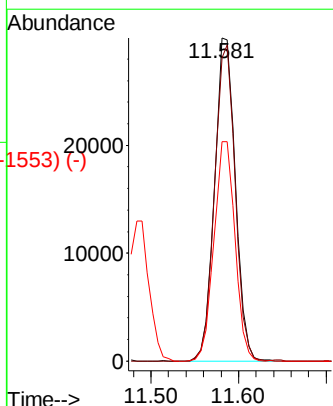
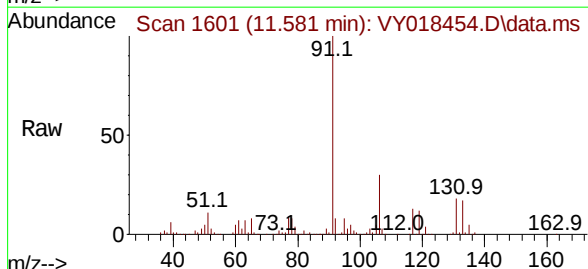
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC

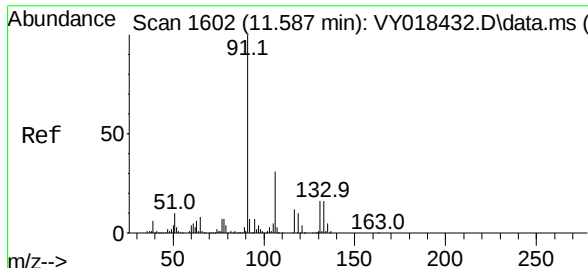
Tgt Ion:112 Resp: 157765
 Ion Ratio Lower Upper
 112 100
 114 32.9 26.4 39.6



1,1,1,2-Tetrachloroethane
 Concen: 53.174 ug/l
 RT: 11.581 min Scan# 1601
 Delta R.T. -0.006 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

Tgt Ion:131 Resp: 49623
 Ion Ratio Lower Upper
 131 100
 133 96.4 47.8 143.3
 119 68.7 34.1 102.2

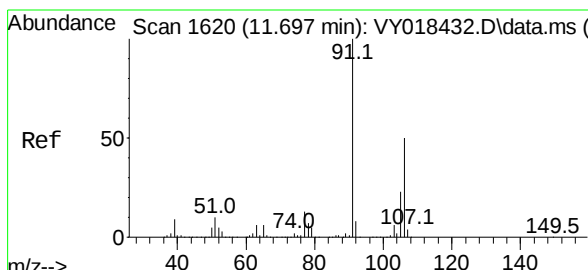
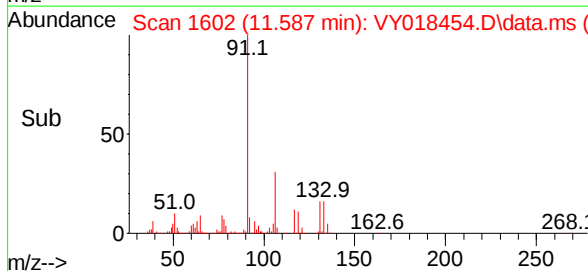
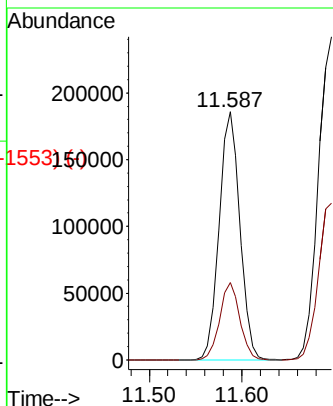
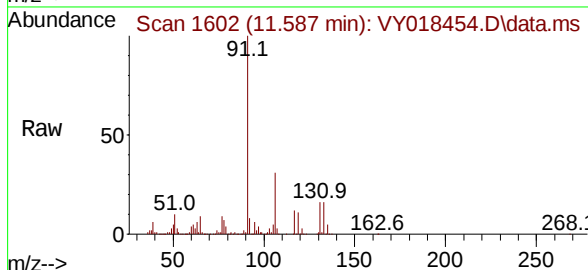




Ethyl Benzene
Concen: 55.122 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

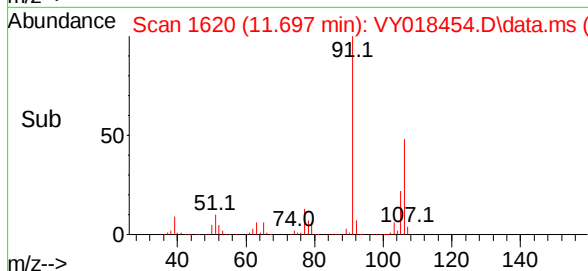
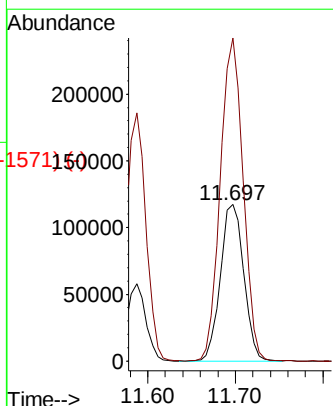
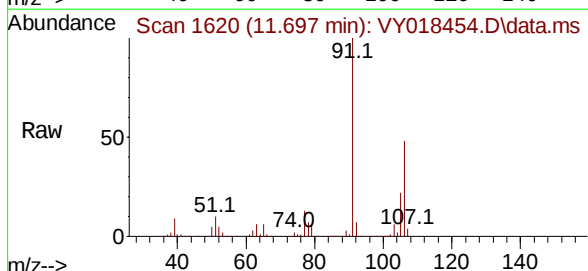
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

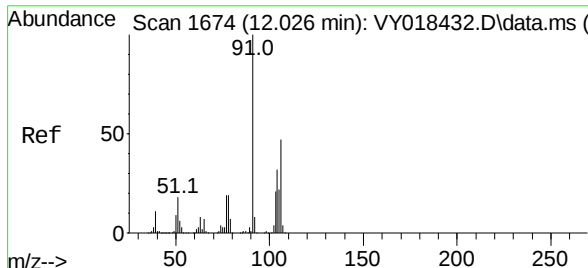
Tgt Ion: 91 Resp: 289565
Ion Ratio Lower Upper
91 100
106 31.2 24.5 36.7



m/p-Xylenes
Concen: 109.927 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:106 Resp: 217442
Ion Ratio Lower Upper
106 100
91 201.5 156.0 234.0

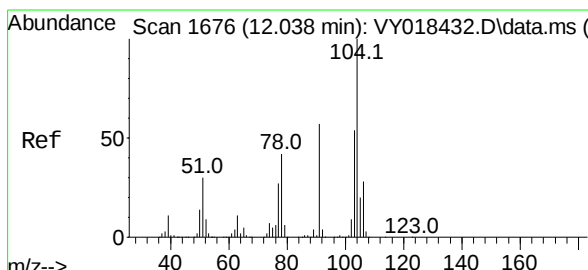
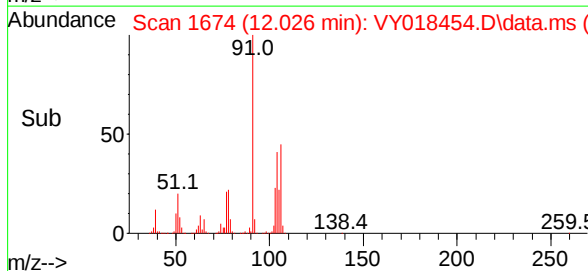
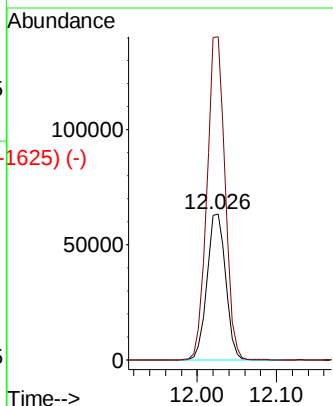
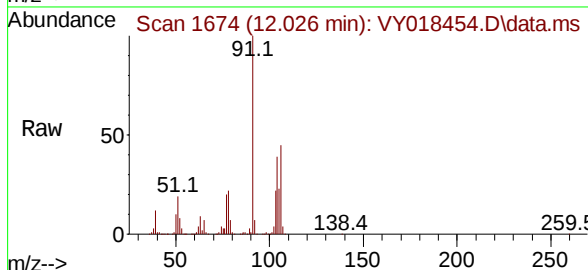




o-Xylene
Concen: 54.474 ug/l
RT: 12.026 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

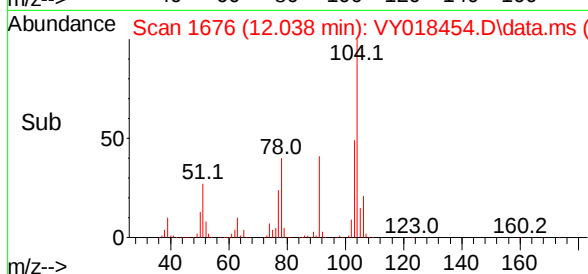
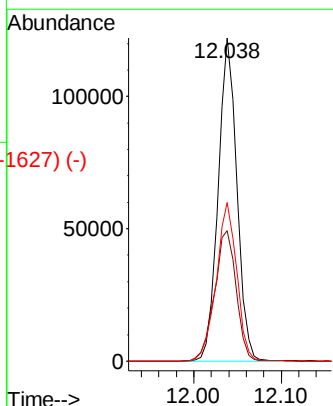
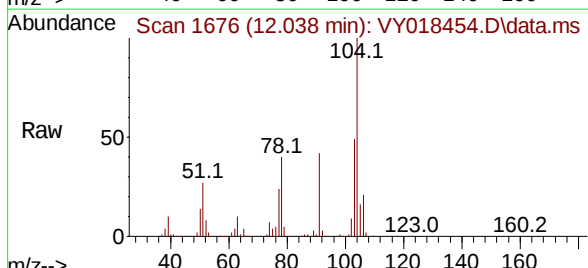
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

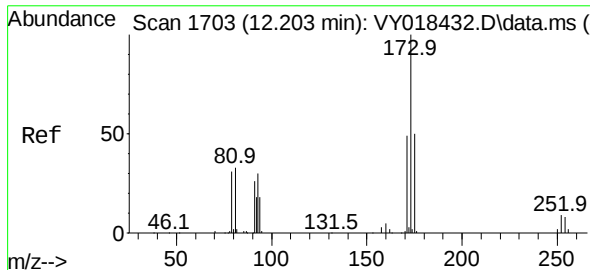
Tgt Ion:106 Resp: 103726
Ion Ratio Lower Upper
106 100
91 214.6 103.6 310.8



Styrene
Concen: 58.202 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:104 Resp: 181075
Ion Ratio Lower Upper
104 100
78 46.9 37.0 55.4
103 53.8 44.2 66.2

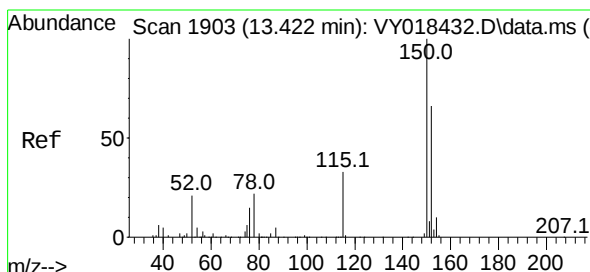
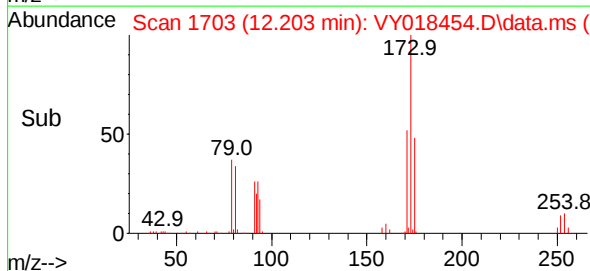
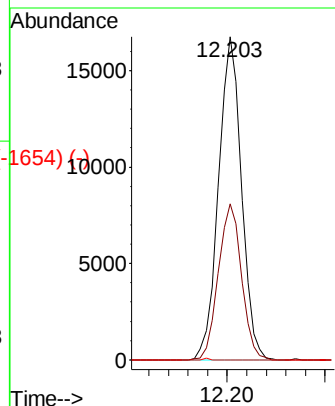
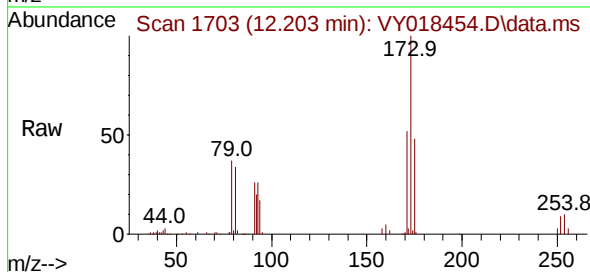




Bromoform
Concen: 55.279 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

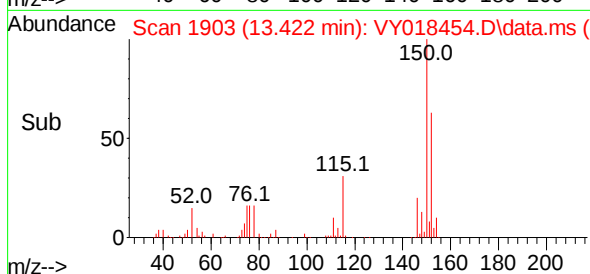
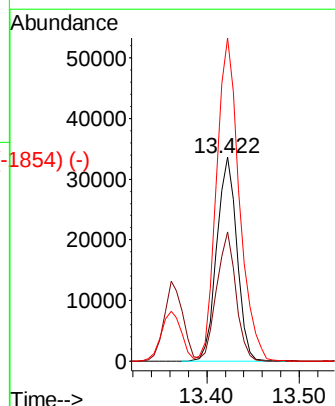
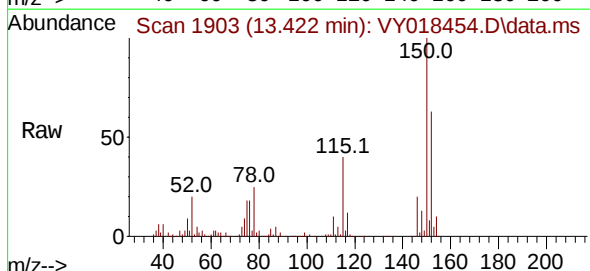
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

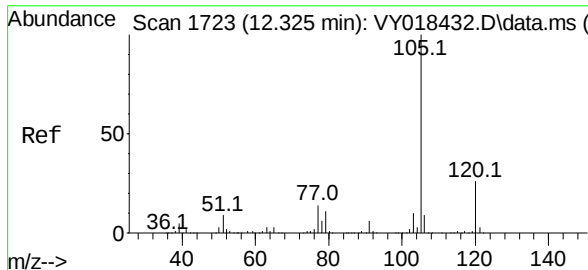
Tgt Ion:	173	Resp:	27177
Ion	Ratio	Lower	Upper
173	100		
175	48.8	25.1	75.3
254	0.0	0.0	0.0



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	152	Resp:	50831
Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.2	84.7
150	179.3	0.0	345.6

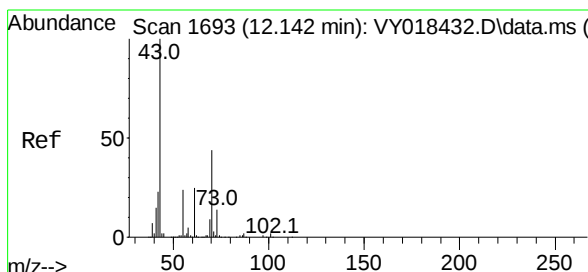
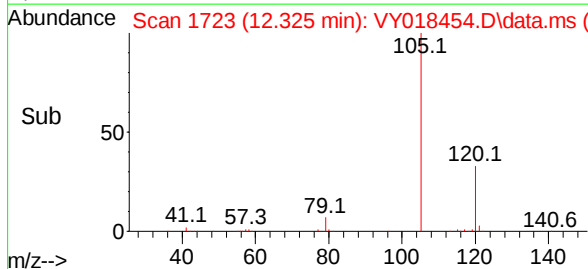
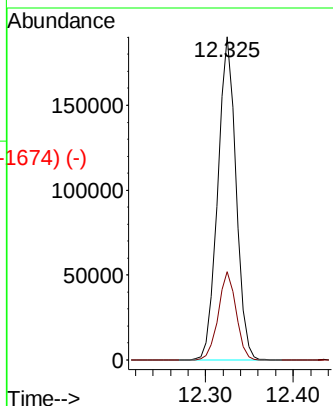
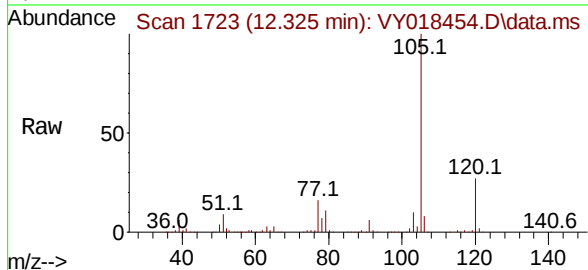




Isopropylbenzene
Concen: 52.492 ug/l
RT: 12.325 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

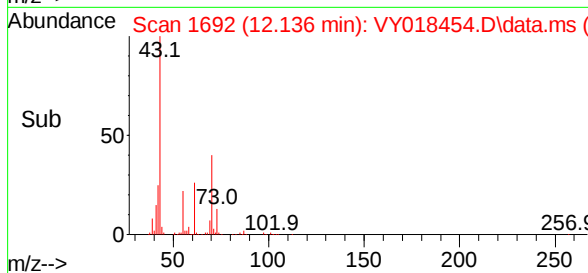
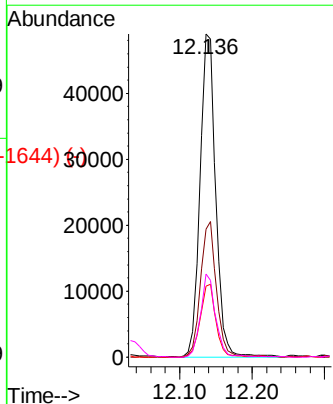
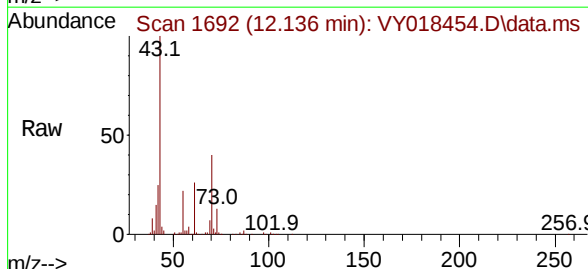
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

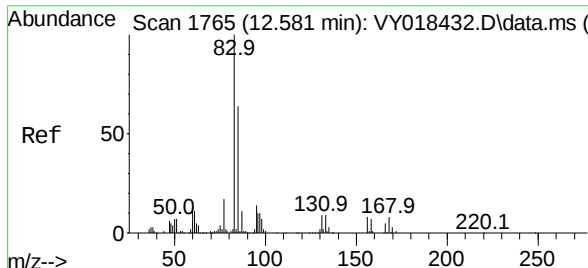
Tgt Ion:105 Resp: 275340
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



N-ethyl acetate
Concen: 58.523 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion: 43 Resp: 74721
Ion Ratio Lower Upper
43 100
70 42.4 41.4 62.2
55 22.5 23.3 34.9#
61 24.7 22.6 33.8

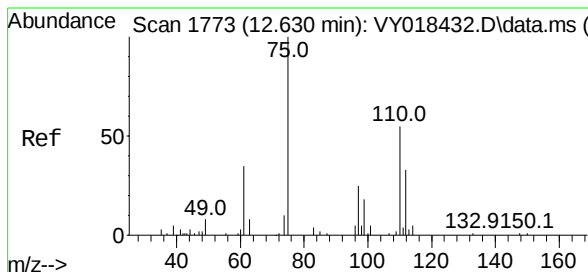
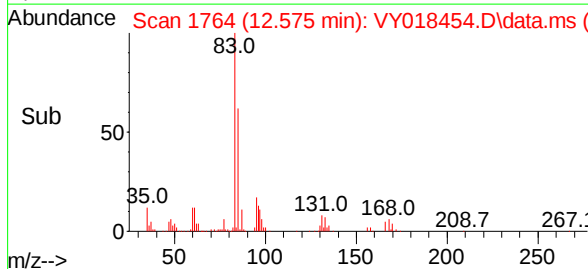
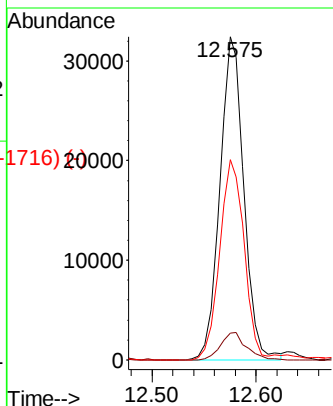
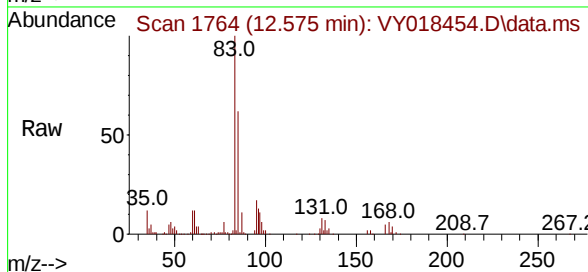




1,1,2,2-Tetrachloroethane
Concen: 56.624 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

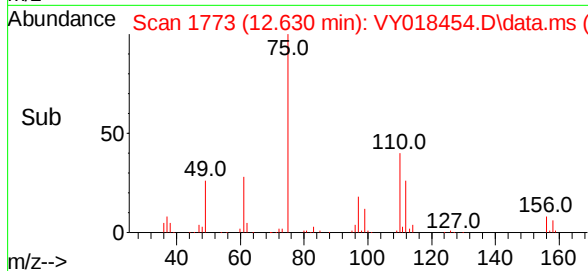
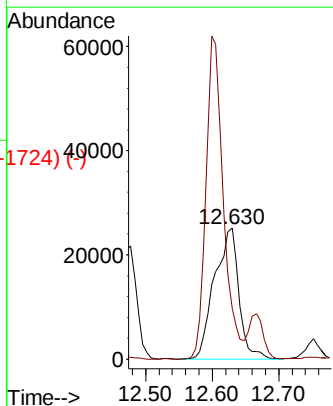
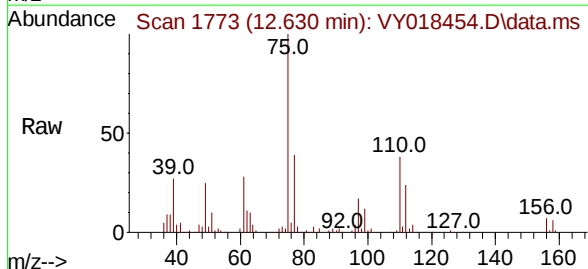
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	83	Resp:	52285
Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.0	14.9
85	63.2	32.0	96.0



1,2,3-Trichloropropane
Concen: 101.628 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	75	Resp:	64057
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Scan 1769 (12.605 min): VY018432.D\data.ms (-1769) (-)

Bromobenzene

Concen: 50.840 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018454.D

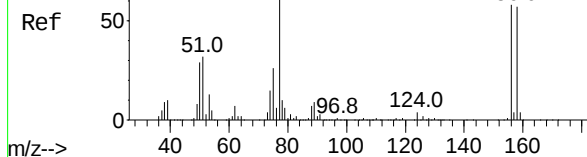
Acq: 03 Jun 2024 20:46

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



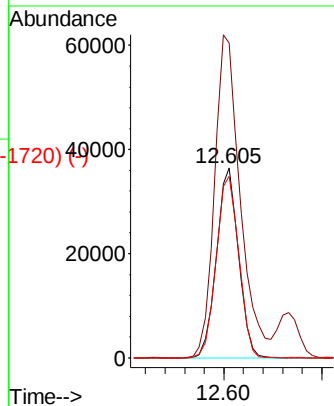
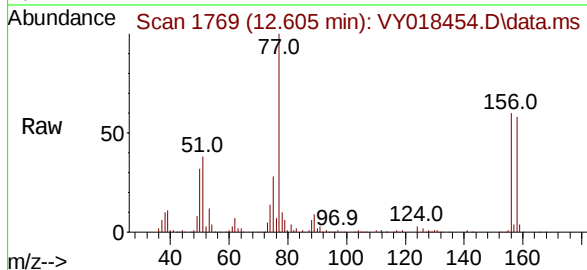
Tgt Ion:156 Resp: 56622

Ion Ratio Lower Upper

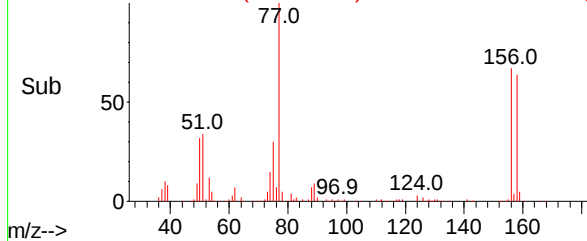
156 100

77 199.2 87.1 261.3

158 98.6 48.6 145.9



Abundance Scan 1769 (12.605 min): VY018454.D\data.ms (-1720) (-)



Abundance Scan 1779 (12.666 min): VY018432.D\data.ms (-1779) (-)

n-propylbenzene

Concen: 53.478 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018454.D

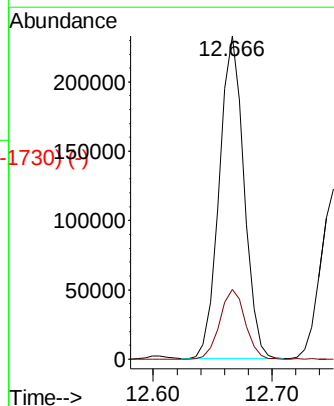
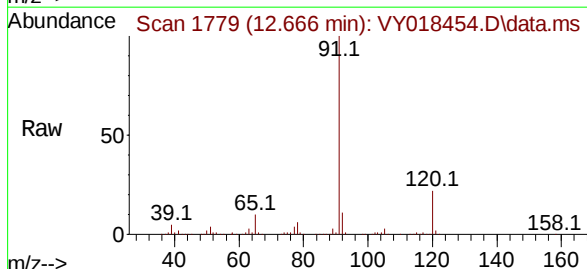
Acq: 03 Jun 2024 20:46

Tgt Ion: 91 Resp: 336678

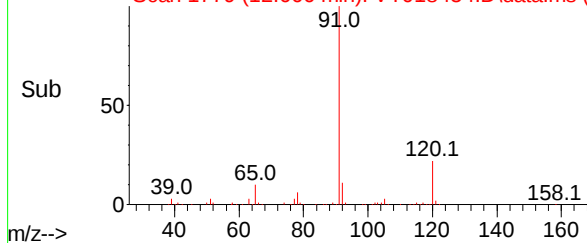
Ion Ratio Lower Upper

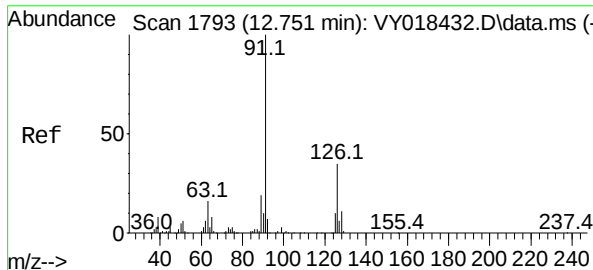
91 100

120 22.0 11.5 34.4



Abundance Scan 1779 (12.666 min): VY018454.D\data.ms (-1730) (-)

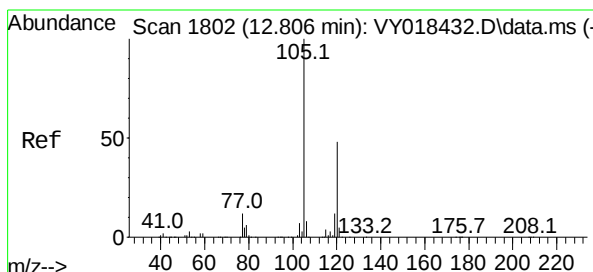
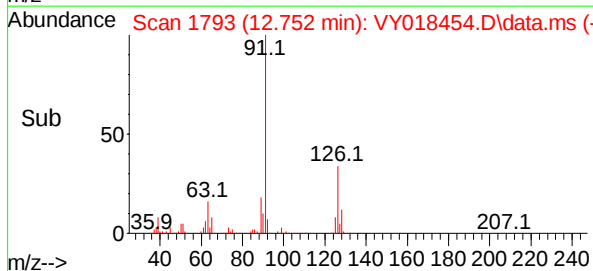
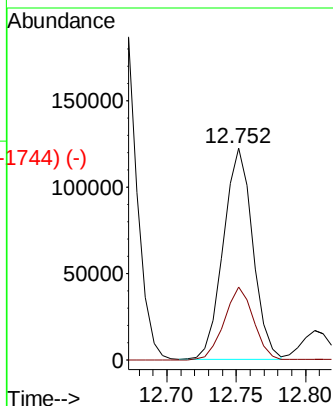
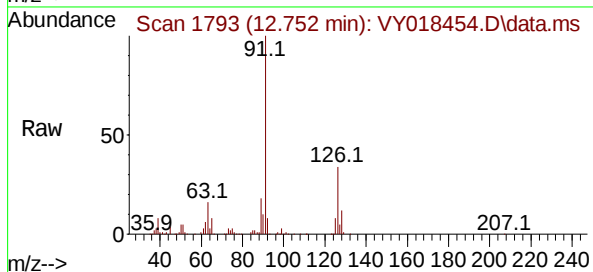




2-Chlorotoluene
Concen: 52.958 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

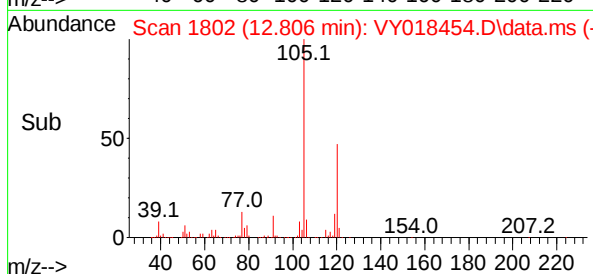
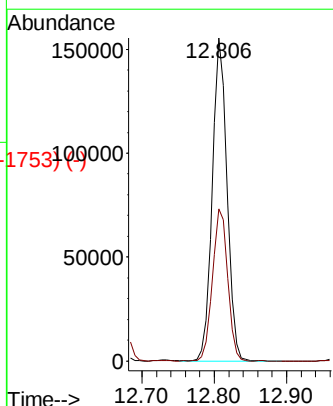
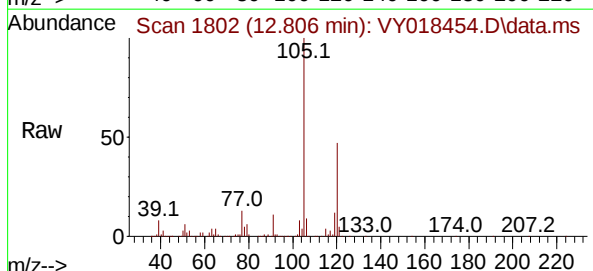
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

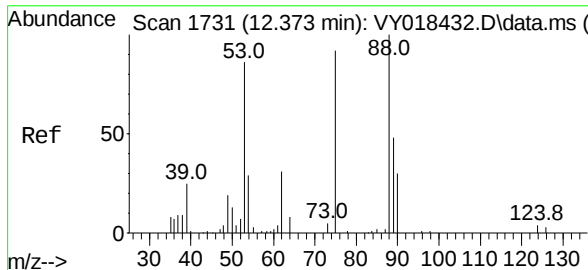
Tgt Ion: 91 Resp: 181251
Ion Ratio Lower Upper
91 100
126 34.2 17.8 53.5



1,3,5-Trimethylbenzene
Concen: 54.086 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:105 Resp: 220962
Ion Ratio Lower Upper
105 100
120 48.6 25.1 75.2



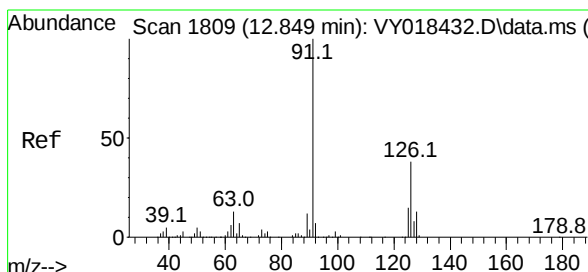
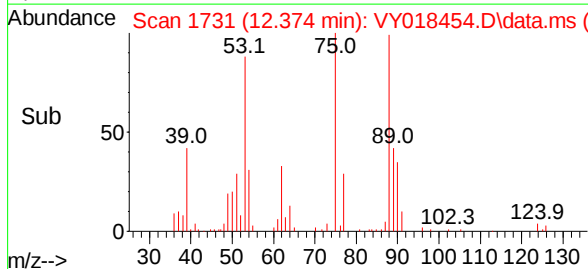
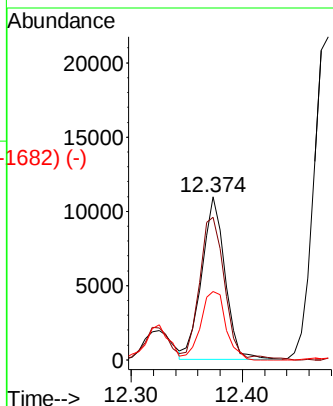
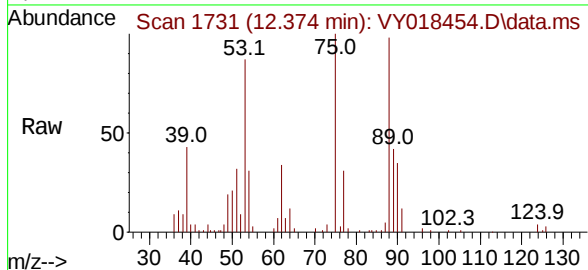


trans-1,4-Dichloro-2-butene
Concen: 53.264 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 15980

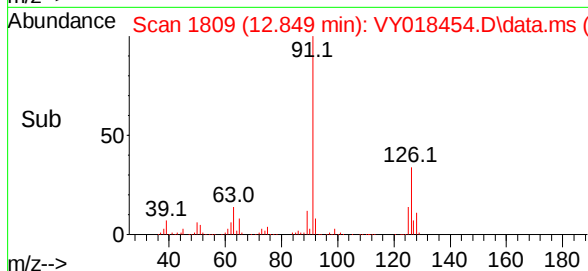
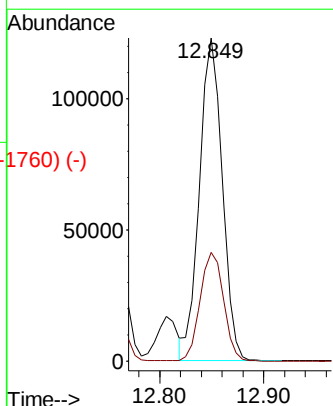
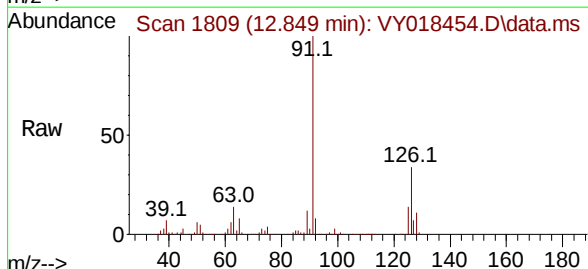
Ion	Ratio	Lower	Upper
75	100		
53	95.3	66.8	100.2
89	45.6	35.8	53.6

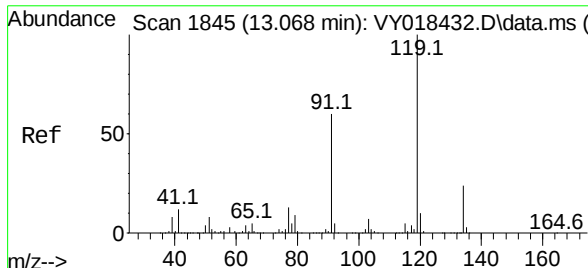


4-Chlorotoluene
Concen: 54.127 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion: 91 Resp: 186418

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.6	52.9

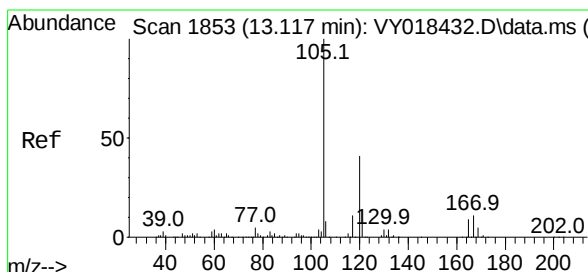
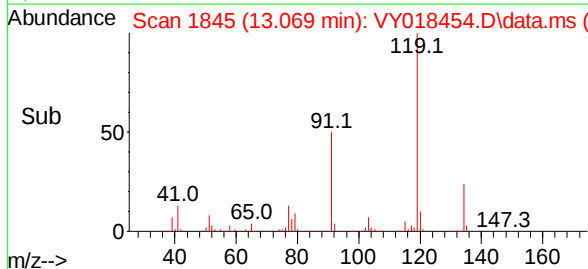
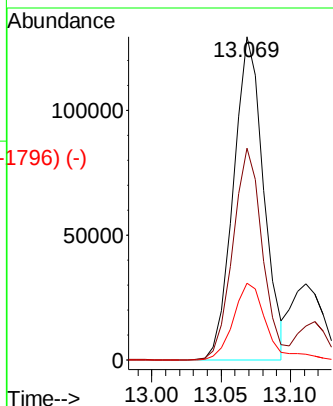
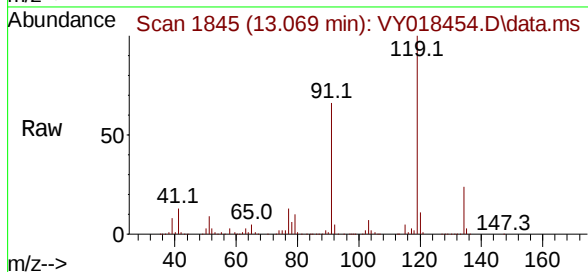




#83 (-)
 tert-Butylbenzene
 Concen: 51.958 ug/l
 RT: 13.069 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

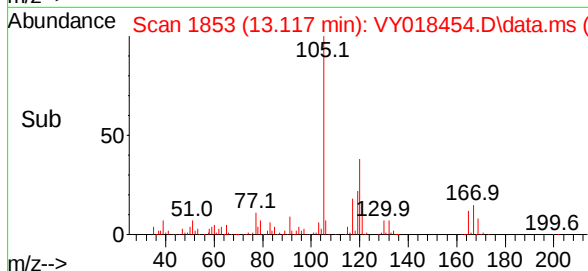
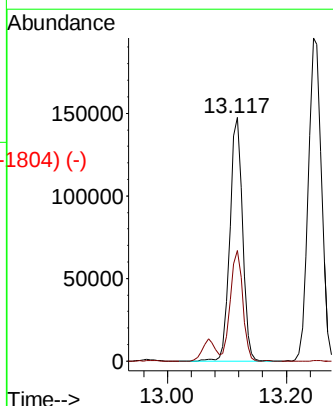
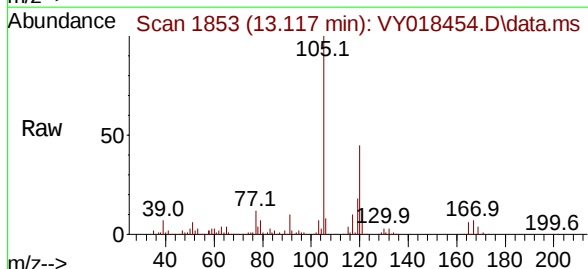
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	119	Resp:	196286
Ion	Ratio	Lower	Upper
119	100		
91	64.8	31.3	93.8
134	26.2	13.4	40.1

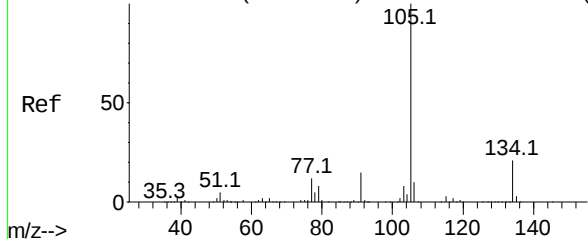


#84 (-)
 1,2,4-Trimethylbenzene
 Concen: 54.540 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

Tgt Ion:	105	Resp:	218140
Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.2	69.6



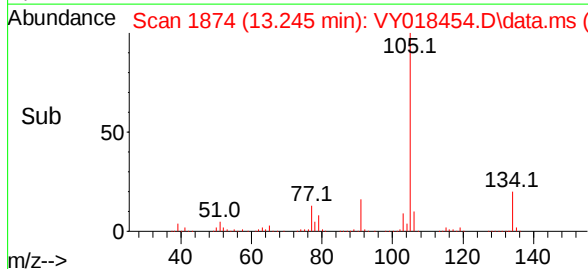
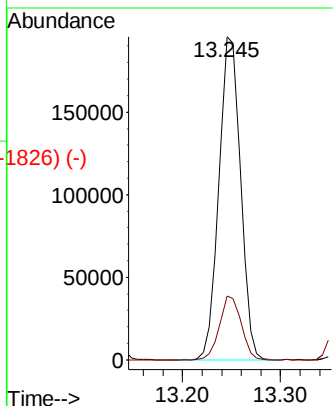
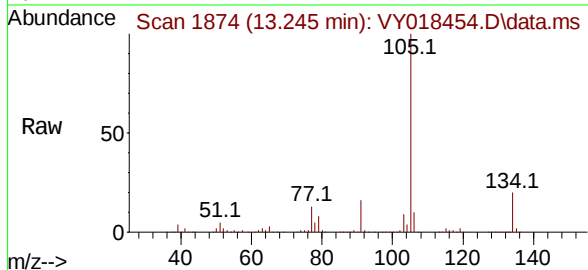
Abundance Scan 1875 (13.251 min): VY018432.D\data.ms (-1885) (-)



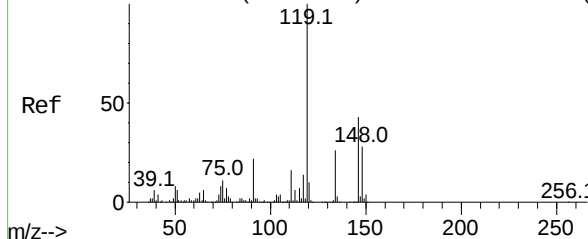
sec-Butylbenzene
Concen: 54.087 ug/l
RT: 13.245 min Scan# 1885
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 300914
Ion Ratio Lower Upper
105 100
134 19.8 10.1 30.1

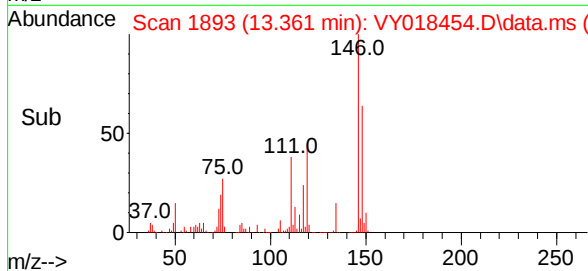
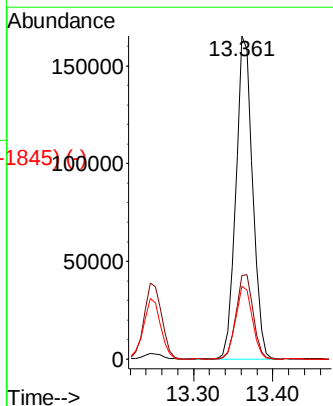
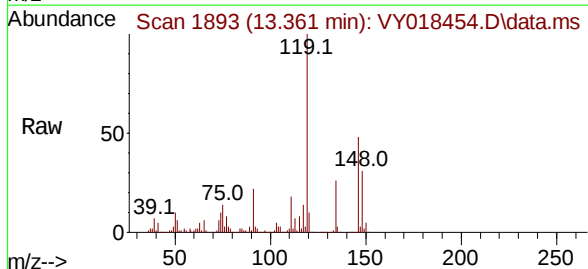


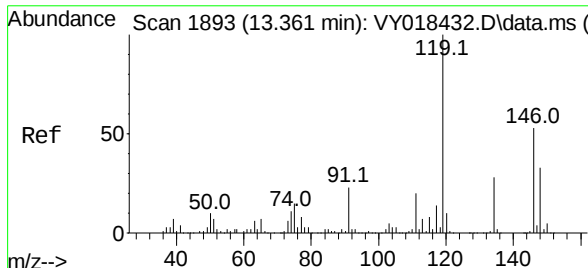
Abundance Scan 1894 (13.367 min): VY018432.D\data.ms (-1886) (-)



p-Isopropyltoluene
Concen: 53.740 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:119 Resp: 241305
Ion Ratio Lower Upper
119 100
134 26.7 13.1 39.3
91 22.6 10.7 32.1

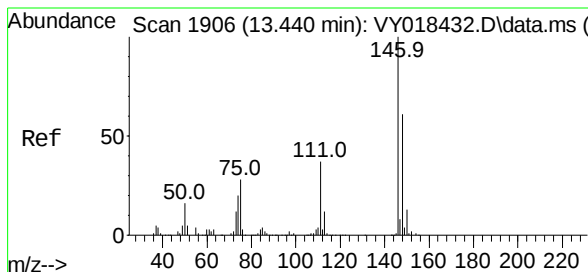
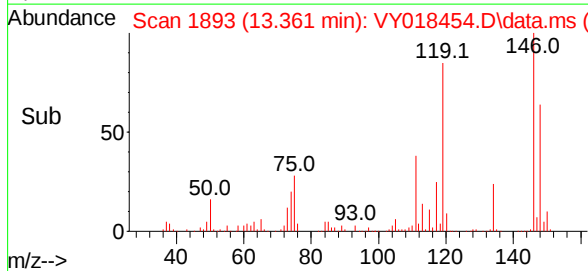
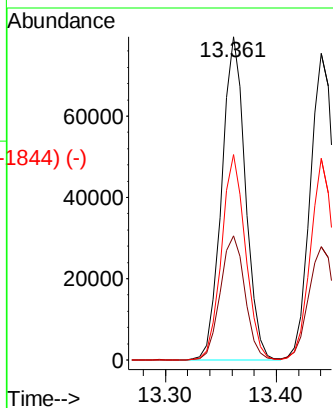
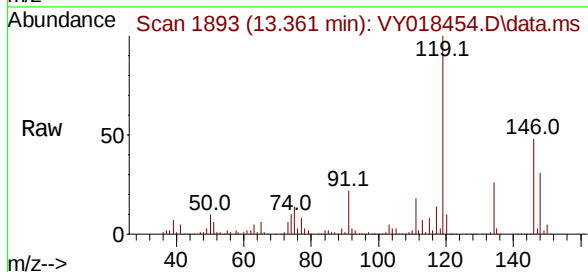




Scan 1893 (13.361 min): VY018432.D\data.ms (-1857) (-)
 1,3-Dichlorobenzene
 Concen: 53.871 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

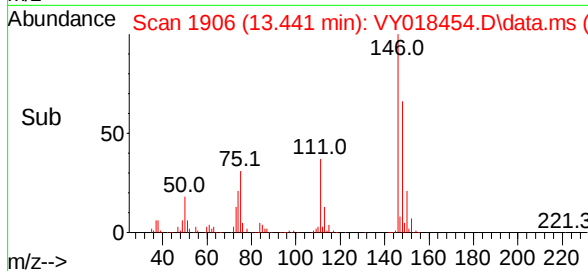
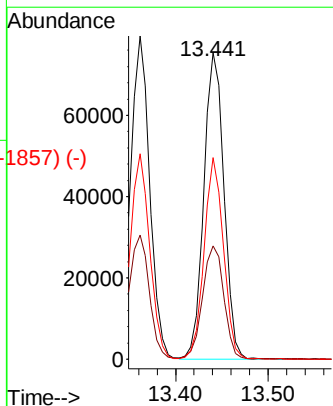
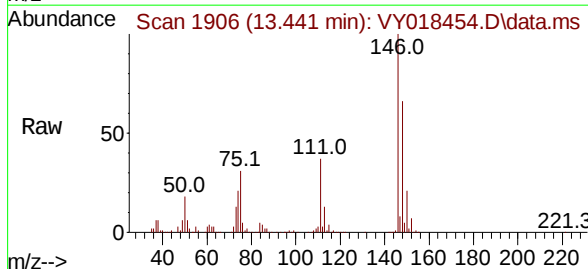
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050EC

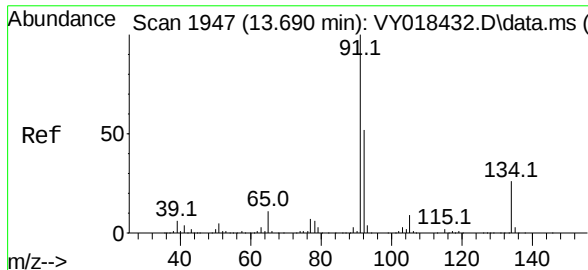
Tgt Ion:	146	Resp:	118348
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.0	57.0
148	63.7	31.7	95.1



Scan 1906 (13.441 min): VY018432.D\data.ms (-1908) (-)
 1,4-Dichlorobenzene
 Concen: 52.703 ug/l
 RT: 13.441 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY018454.D
 Acq: 03 Jun 2024 20:46

Tgt Ion:	146	Resp:	113747
Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.4	55.4
148	63.2	32.4	97.2

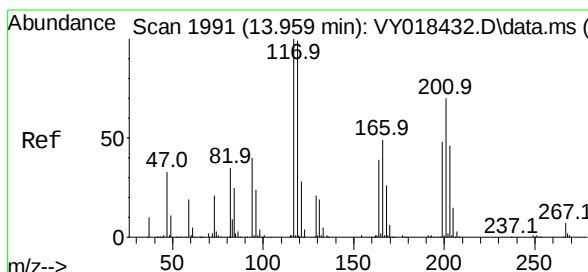
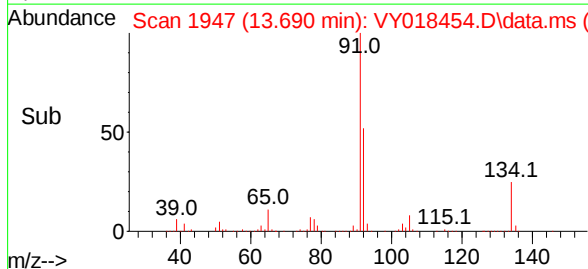
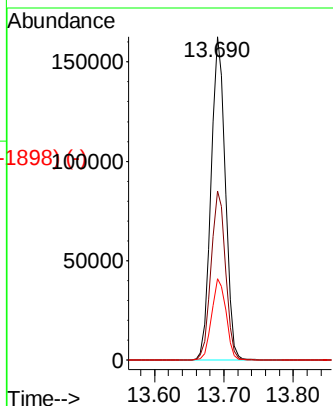
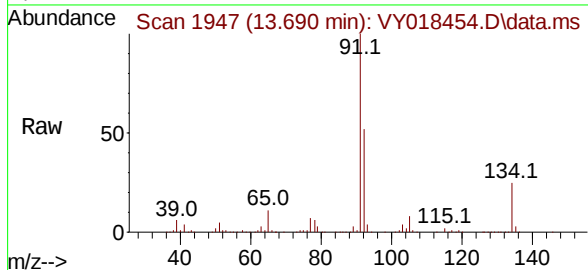




n-Butylbenzene
Concen: 53.841 ug/l
RT: 13.690 min Scan# 1939
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

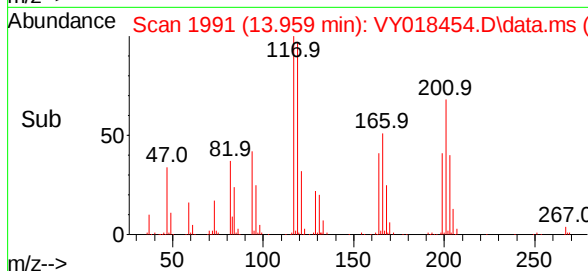
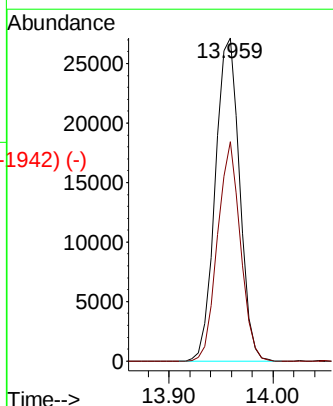
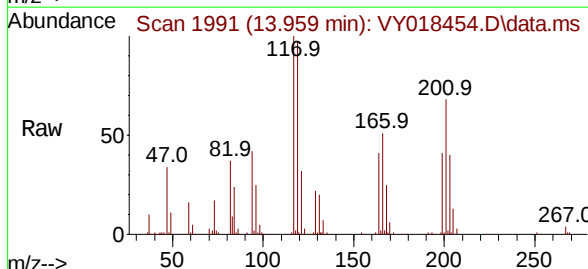
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	229735
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	25.2	12.9	38.7

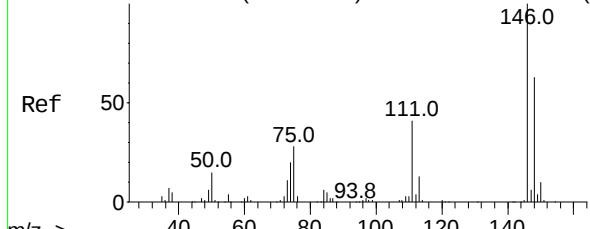


Hexachloroethane
Concen: 52.736 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	117	Resp:	44384
Ion	Ratio	Lower	Upper
117	100		
201	64.2	37.4	112.2



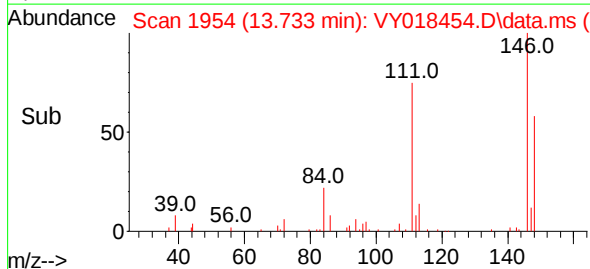
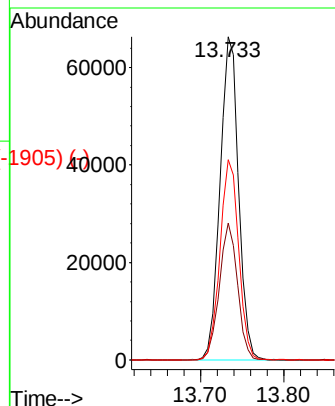
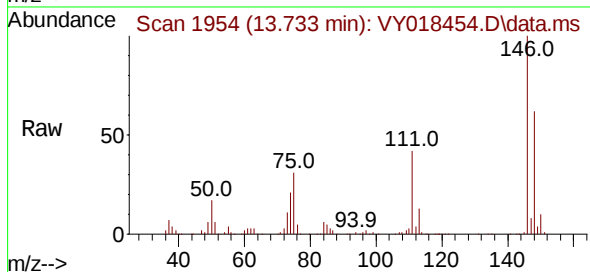
Abundance Scan 1954 (13.733 min): VY018432.D\data.ms (-1905) (-)



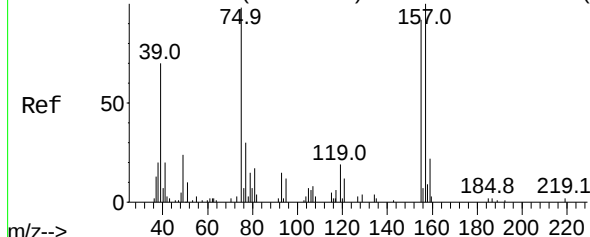
1,2-Dichlorobenzene
Concen: 54.060 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	146	Resp:	103348
Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.9	59.7
148	62.8	31.8	95.4

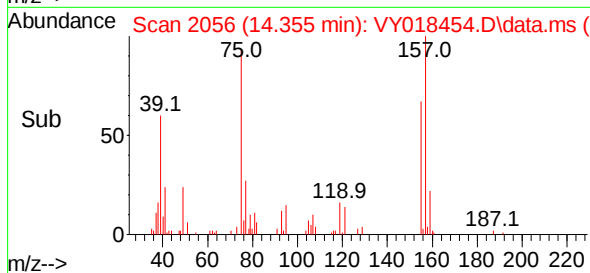
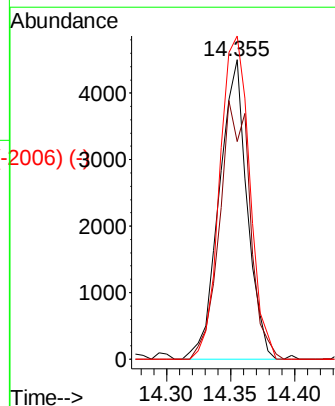
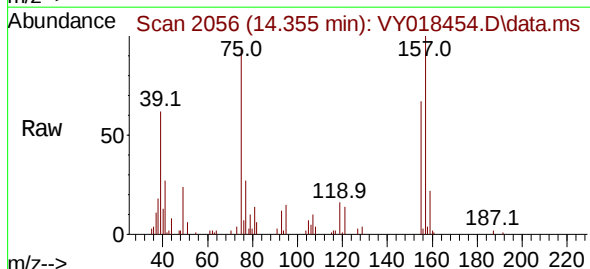


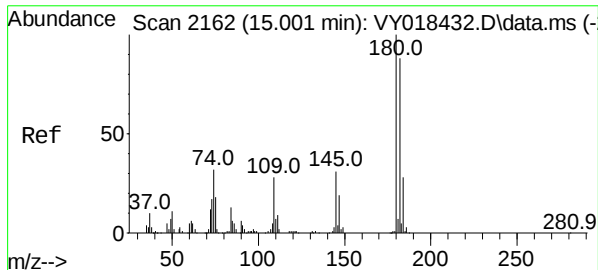
Abundance Scan 2055 (14.349 min): VY018432.D\data.ms (-2006) (-)



1,2-Dibromo-3-Chloropropane
Concen: 48.423 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	75	Resp:	6804
Ion	Ratio	Lower	Upper
75	100		
155	93.3	48.6	145.8
157	115.5	62.7	188.2

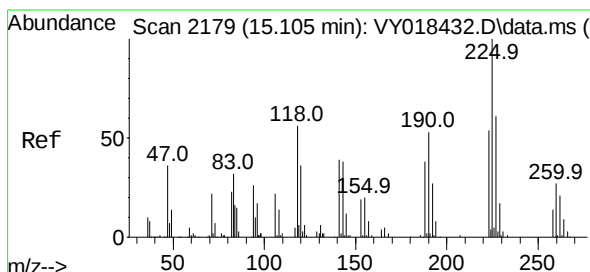
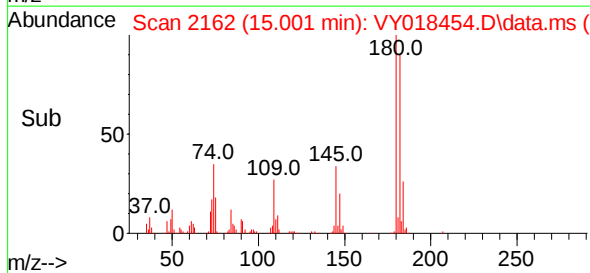
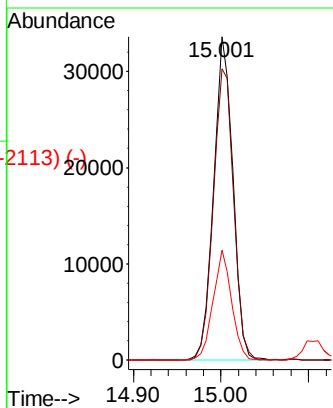
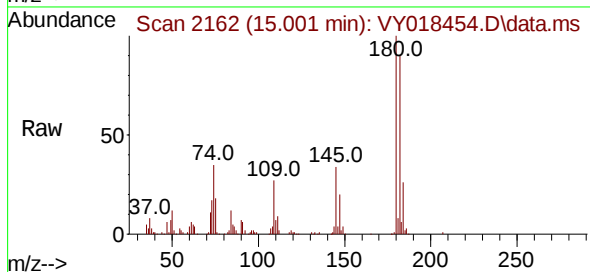




1,2,4-Trichlorobenzene
Concen: 49.617 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

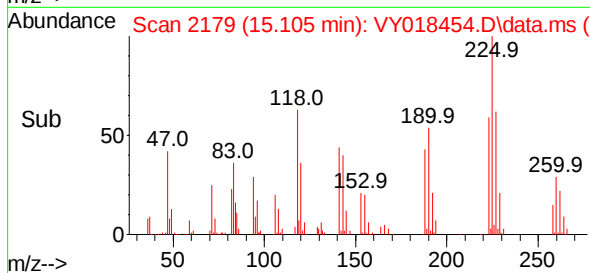
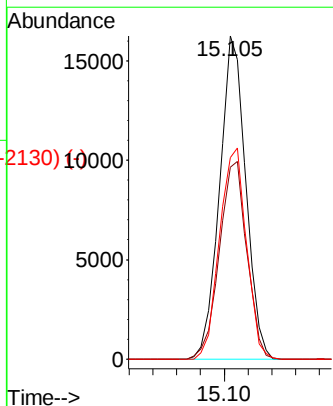
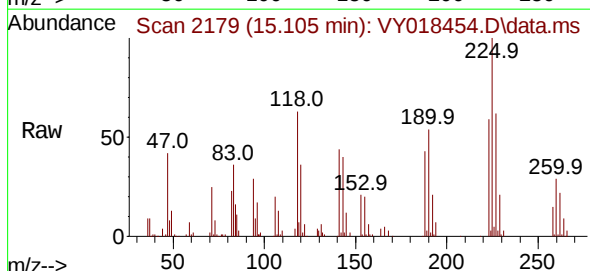
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

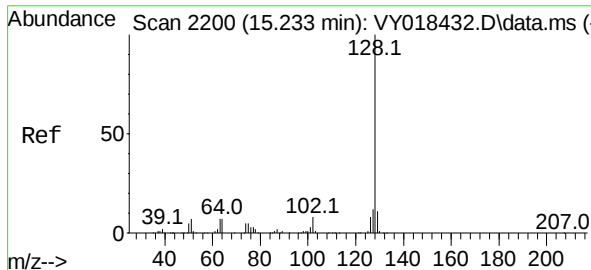
Tgt Ion:	180	Resp:	51300
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.9	143.8
145	32.8	14.2	42.6



Hexachlorobutadiene
Concen: 45.182 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	225	Resp:	24810
Ion	Ratio	Lower	Upper
225	100		
223	64.2	30.4	91.2
227	67.0	31.9	95.9

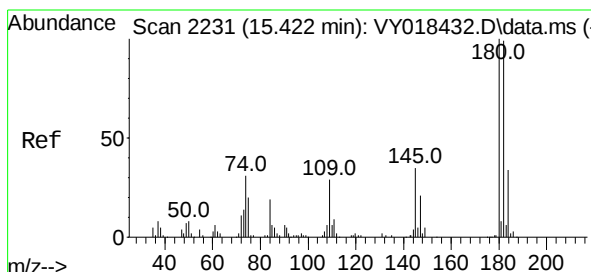
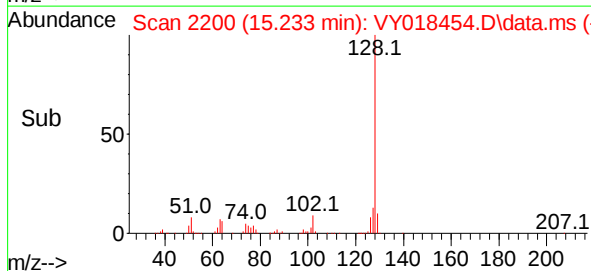
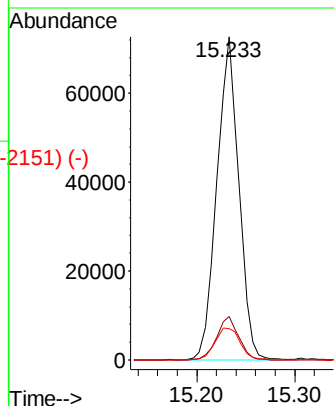
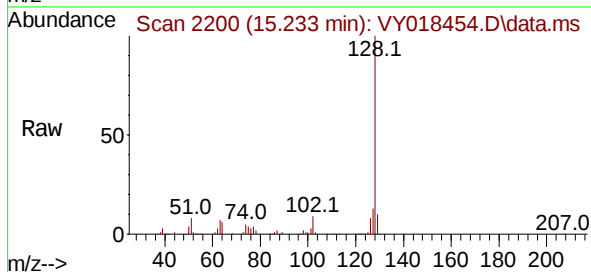




Naphthalene
Concen: 54.490 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	113147
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.2	8.6	13.0



1,2,3-Trichlorobenzene
Concen: 50.815 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY018454.D
Acq: 03 Jun 2024 20:46

Tgt Ion:	180	Resp:	44452
Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.6	142.9
145	33.9	15.4	46.1

