

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018432.D
 Acq On : 03 Jun 2024 11:24
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 04 05:27:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : Sw846 8260
 QLast Update : Tue Jun 04 05:22:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	57118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	93965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	85009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55274	49.277	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	98.560%	
35) Dibromofluoromethane	7.704	113	56583	47.487	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	94.980%	
50) Toluene-d8	10.173	98	224750	47.413	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	94.820%	
62) 4-Bromofluorobenzene	12.477	95	70519	47.780	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	95.560%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	38724	42.688	ug/l	98
3) Chloromethane	2.101	50	76364	45.140	ug/l	98
4) Vinyl Chloride	2.241	62	92352	45.640	ug/l	96
5) Bromomethane	2.637	94	60018	44.457	ug/l	100
6) Chloroethane	2.778	64	60409	47.283	ug/l	95
7) Trichlorofluoromethane	3.107	101	95580	45.653	ug/l	97
8) Diethyl Ether	3.515	74	29407	46.682	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.881	101	54330	44.565	ug/l	94
10) Methyl Iodide	4.070	142	58687	49.010	ug/l	98
11) Tert butyl alcohol	4.936	59	29566	231.953	ug/l #	84
12) 1,1-Dichloroethene	3.863	96	54292	45.309	ug/l	95
13) Acrolein	3.716	56	38078	331.643	ug/l	100
14) Allyl chloride	4.466	41	85006	48.439	ug/l	93
15) Acrylonitrile	5.143	53	71170	247.044	ug/l	98
16) Acetone	3.936	43	66719	267.987	ug/l	93
17) Carbon Disulfide	4.180	76	157883	44.916	ug/l	99
18) Methyl Acetate	4.466	43	28551	45.860	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	140548	48.668	ug/l	98
20) Methylene Chloride	4.698	84	62611	45.066	ug/l	92
21) trans-1,2-Dichloroethene	5.198	96	60542	47.346	ug/l	98
22) Diisopropyl ether	6.106	45	176659	49.431	ug/l	96
23) Vinyl Acetate	6.045	43	594250	255.493	ug/l	95
24) 1,1-Dichloroethane	6.003	63	106654	47.845	ug/l	98
25) 2-Butanone	6.978	43	102054	267.577	ug/l	91
26) 2,2-Dichloropropane	6.972	77	91254	46.577	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	71072	47.781	ug/l	93
28) Bromochloromethane	7.326	49	52981	51.648	ug/l	83
29) Tetrahydrofuran	7.338	42	61317	247.551	ug/l	90
30) Chloroform	7.496	83	106988	47.853	ug/l	99
31) Cyclohexane	7.777	56	96487	46.135	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	92869	47.426	ug/l	97
36) 1,1-Dichloropropene	7.911	75	81760	45.002	ug/l	96
37) Ethyl Acetate	7.057	43	41829	46.087	ug/l	99
38) Carbon Tetrachloride	7.893	117	79075	43.433	ug/l	99
39) Methylcyclohexane	9.173	83	106328	43.292	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.155	78	247544	45.474	ug/l	98
41) Methacrylonitrile	7.295	41	21056	43.212	ug/l	93
42) 1,2-Dichloroethane	8.228	62	60945	46.050	ug/l	98
43) Isopropyl Acetate	8.264	43	82841	48.813	ug/l	91
44) Trichloroethene	8.935	130	59607	44.186	ug/l	97
45) 1,2-Dichloropropane	9.209	63	57814	46.439	ug/l	97
46) Dibromomethane	9.295	93	32747	45.879	ug/l	91
47) Bromodichloromethane	9.490	83	79489	46.393	ug/l #	95
48) Methyl methacrylate	9.289	41	36910	47.271	ug/l	88
49) 1,4-Dioxane	9.301	88	8377	893.716	ug/l #	93
51) 4-Methyl-2-Pentanone	10.063	43	220664	250.404	ug/l	93
52) Toluene	10.240	92	158377	47.303	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	75633	48.069	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	89946	46.428	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	44893	48.343	ug/l	97
56) Ethyl methacrylate	10.502	69	64921	49.681	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	76367	48.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	183505	261.502	ug/l	96
59) 2-Hexanone	10.825	43	157954	259.380	ug/l	91
60) Dibromochloromethane	10.977	129	52922	46.648	ug/l	99
61) 1,2-Dibromoethane	11.081	107	41235	47.155	ug/l	98
64) Tetrachloroethene	10.715	164	52550	41.967	ug/l	94
65) Chlorobenzene	11.514	112	164355	45.084	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	52324	44.388	ug/l	99
67) Ethyl Benzene	11.587	91	299030	45.066	ug/l	100
68) m/p-Xylenes	11.697	106	226787	90.767	ug/l	97
69) o-Xylene	12.026	106	106216	44.161	ug/l	97
70) Styrene	12.038	104	181422	46.166	ug/l	99
71) Bromoform	12.203	173	28250	45.491	ug/l #	98
73) Isopropylbenzene	12.325	105	282054	45.181	ug/l	99
74) N-amyl acetate	12.142	43	72005	47.385	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	51361	46.737	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	64155	85.970	ug/l #	100
77) Bromobenzene	12.605	156	59921	45.207	ug/l	93
78) n-propylbenzene	12.666	91	332993	44.443	ug/l	100
79) 2-Chlorotoluene	12.751	91	180170	44.232	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	217664	44.767	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	17041	47.726	ug/l	93
82) 4-Chlorotoluene	12.849	91	173825	42.408	ug/l	96
83) tert-Butylbenzene	13.068	119	203708	45.308	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	205396	43.149	ug/l	99
85) sec-Butylbenzene	13.251	105	285820	43.166	ug/l	99
86) p-Isopropyltoluene	13.367	119	234336	43.850	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	117555	44.961	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	113529	44.198	ug/l	98
89) n-Butylbenzene	13.690	91	213570	42.056	ug/l	99
90) Hexachloroethane	13.959	117	43052	42.981	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	101785	44.737	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	6822	40.795	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	53090	43.145	ug/l	98
94) Hexachlorobutadiene	15.105	225	26655	40.787	ug/l	99
95) Naphthalene	15.233	128	114371	46.280	ug/l	99

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QLast Update : Tue Jun 04 05:22:03 2024
Response via : Initial Calibration

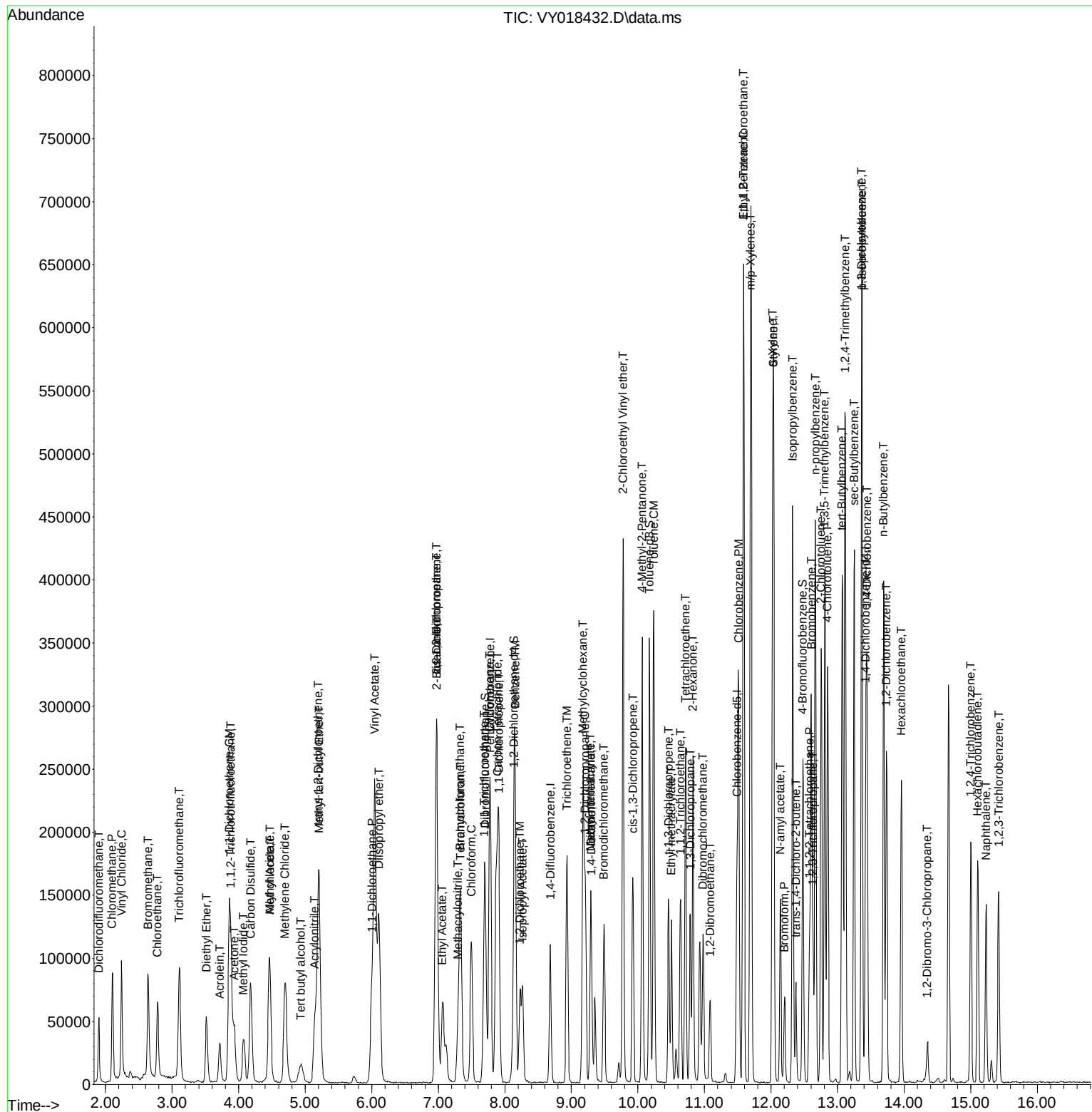
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.422	180	45324	43.534	ug/l	97

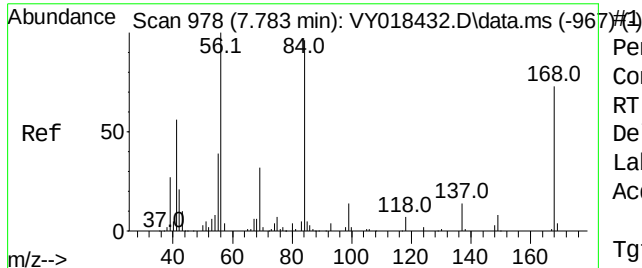
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY018432.D

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Instrument :

MSVOA_Y

ClientSampleId :

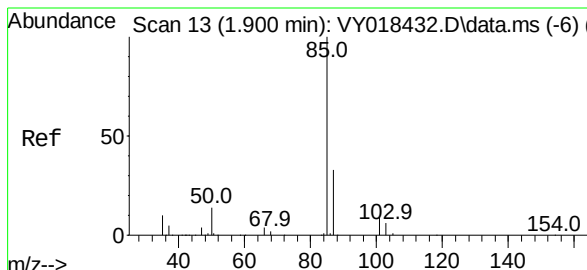
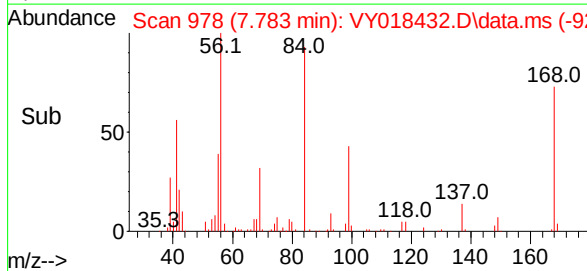
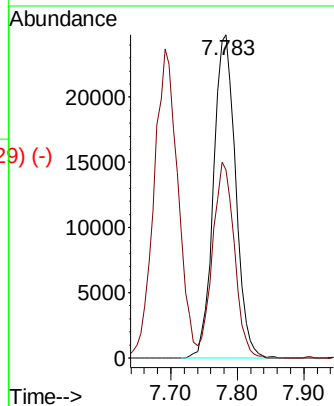
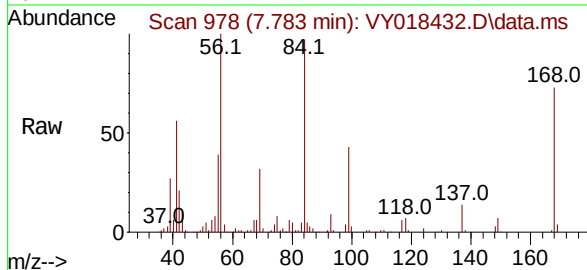
VSTDICCC050

Tgt Ion:168 Resp: 57118

Ion Ratio Lower Upper

168 100

99 58.3 39.1 58.7



Dichlorodifluoromethane

Concen: 42.688 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY018432.D

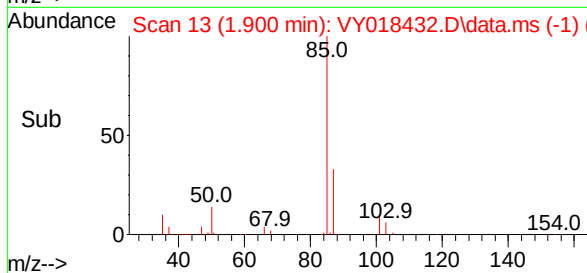
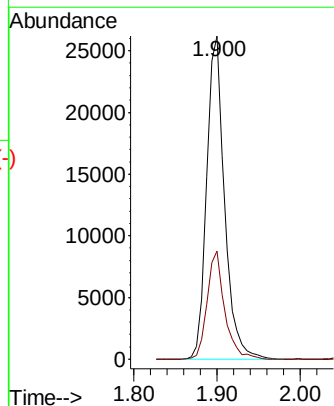
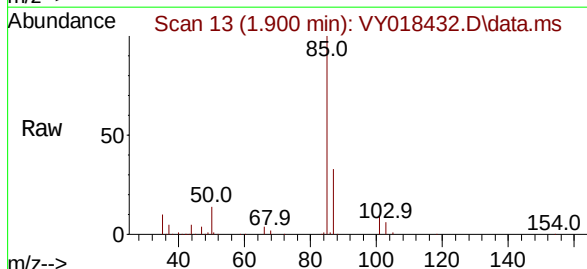
Acq: 03 Jun 2024 11:24

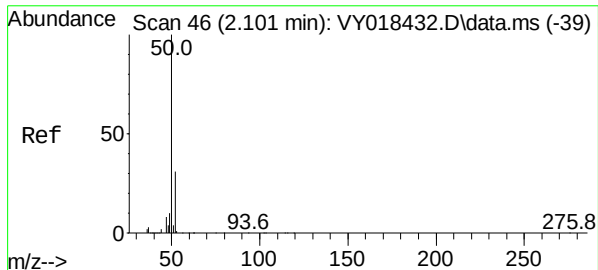
Tgt Ion: 85 Resp: 38724

Ion Ratio Lower Upper

85 100

87 33.4 16.0 48.0





Chloromethane

Concen: 45.140 ug/l

RT: 2.101 min Scan# 4

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

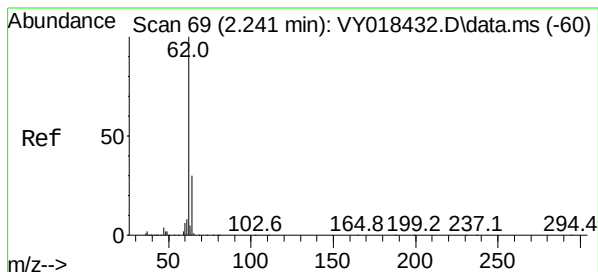
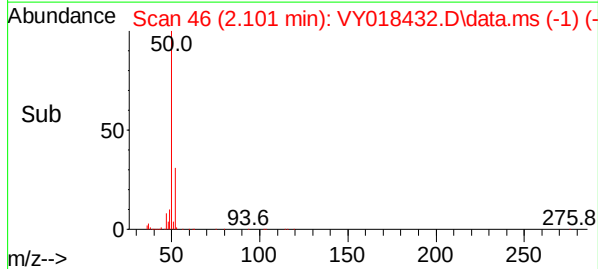
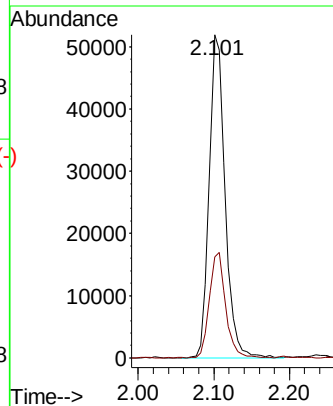
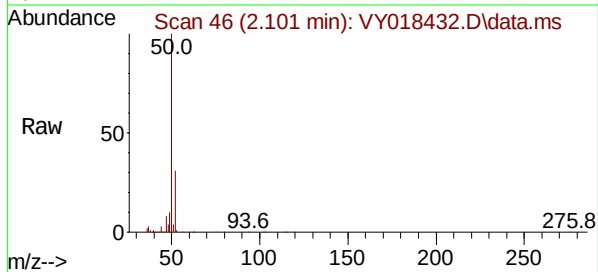
VSTDICCC050

Tgt Ion: 50 Resp: 76364

Ion Ratio Lower Upper

50 100

52 31.1 25.6 38.4



Vinyl Chloride

Concen: 45.640 ug/l

RT: 2.241 min Scan# 69

Delta R.T. 0.000 min

Lab File: VY018432.D

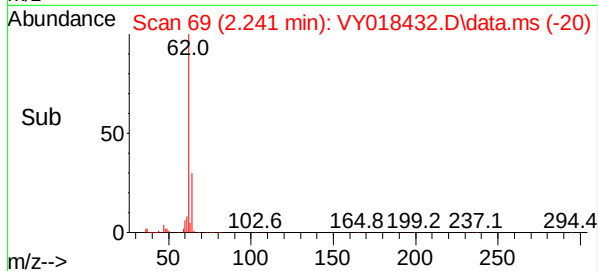
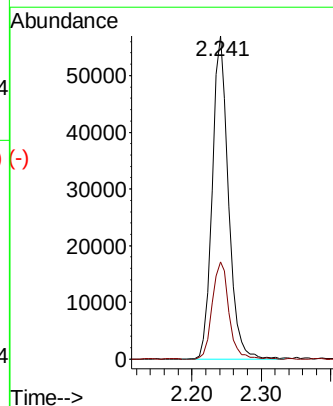
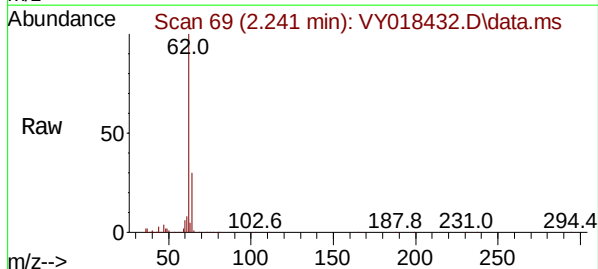
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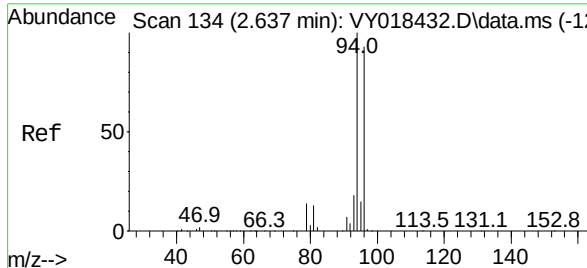
Tgt Ion: 62 Resp: 92352

Ion Ratio Lower Upper

62 100

64 30.1 26.1 39.1





Bromomethane

Concen: 44.457 ug/l

RT: 2.637 min Scan# 134

Delta R.T. 0.000 min

Lab File: VY018432.D

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ClientSampleId :

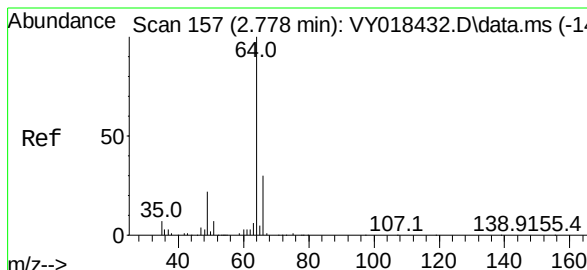
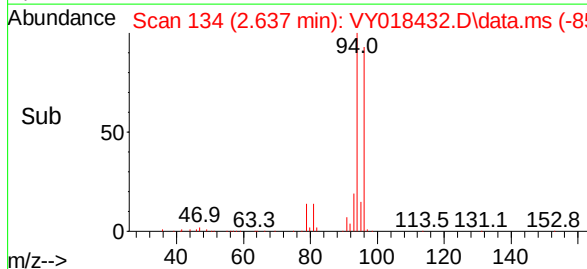
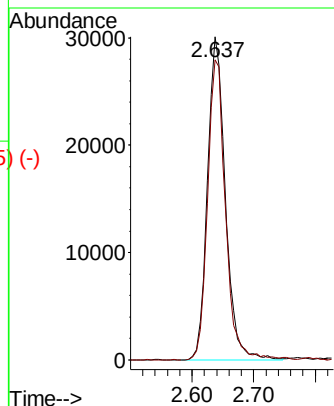
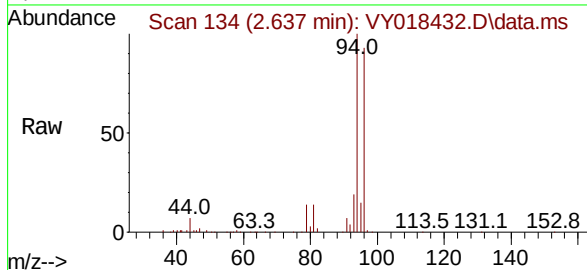
VSTDICCC050

Tgt Ion: 94 Resp: 60018

Ion Ratio Lower Upper

94 100

96 92.8 74.1 111.1



Chloroethane

Concen: 47.283 ug/l

RT: 2.778 min Scan# 157

Delta R.T. 0.000 min

Lab File: VY018432.D

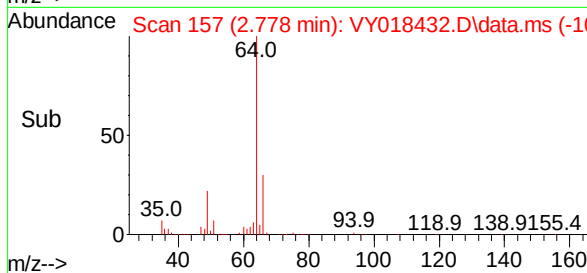
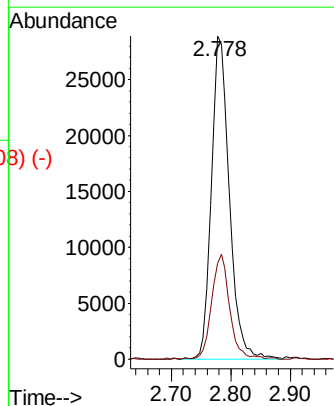
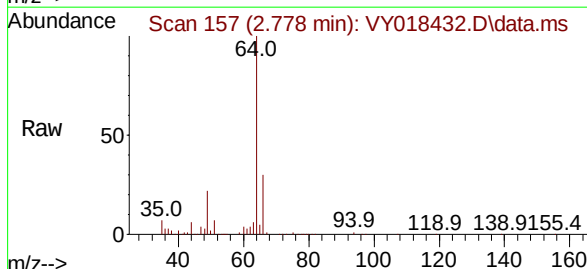
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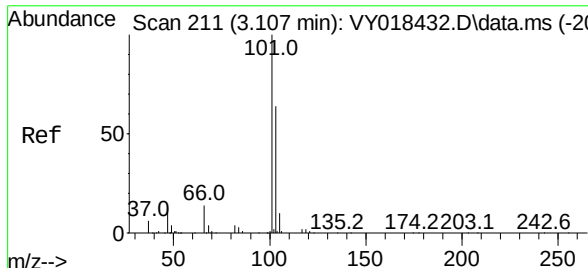
Tgt Ion: 64 Resp: 60409

Ion Ratio Lower Upper

64 100

66 29.6 26.1 39.1

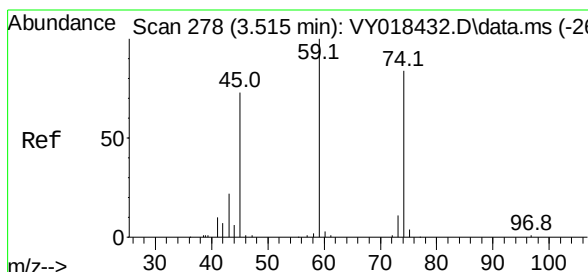
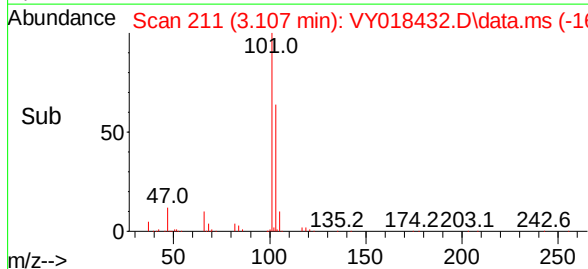
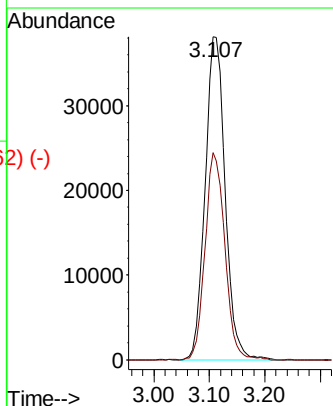
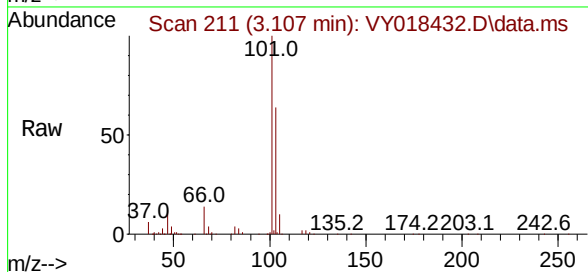




Trichlorofluoromethane
 Concen: 45.653 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY018432.D
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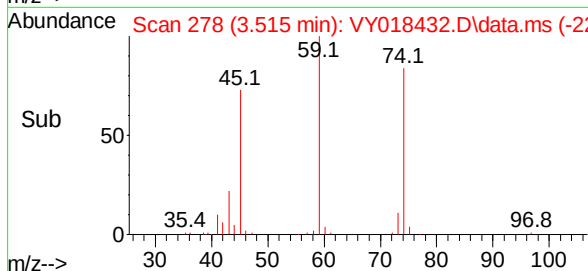
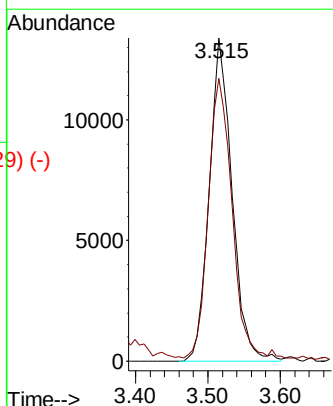
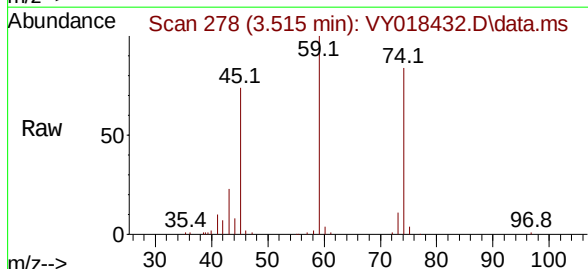
Instrument : MSVOA_Y
 ClientSampleId : VSTDICCC050

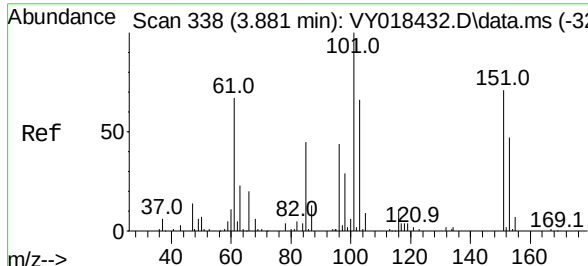
Tgt Ion: 101 Resp: 95580
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.3 73.9



Diethyl Ether
 Concen: 46.682 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

Tgt Ion: 74 Resp: 29407
 Ion Ratio Lower Upper
 74 100
 45 89.0 41.3 124.1





1,1,2-Trichlorotrifluoroethane

Concen: 44.565 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY018432.D

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Instrument :

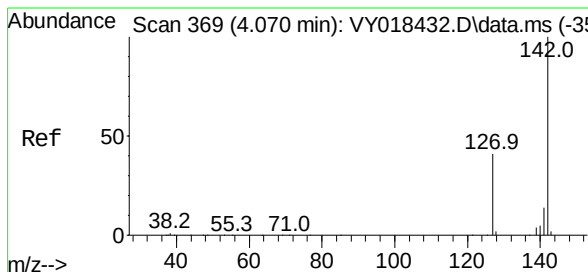
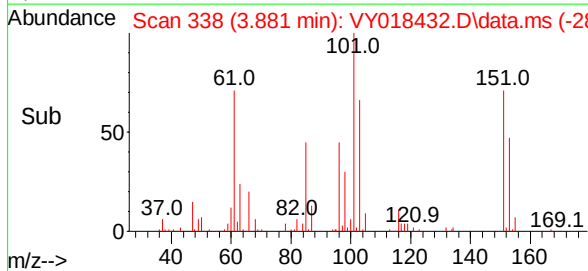
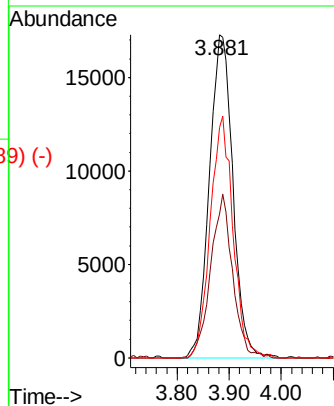
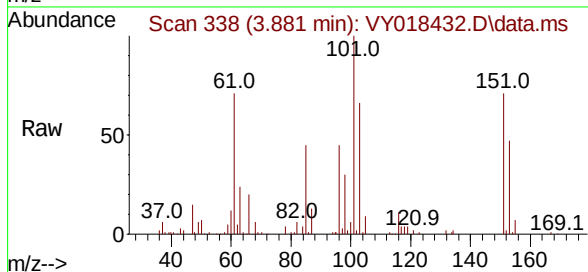
MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:101 Resp: 54330

Ion	Ratio	Lower	Upper
101	100		
85	47.3	34.5	51.7
151	72.5	61.7	92.5



Methyl Iodide

Concen: 49.010 ug/l

RT: 4.070 min Scan# 369

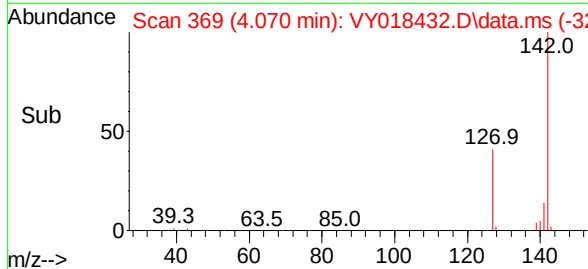
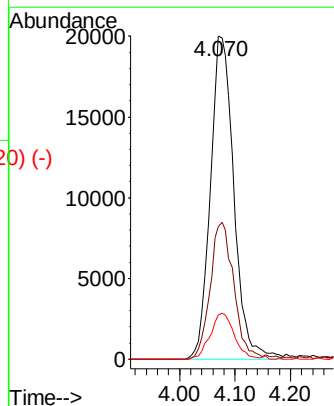
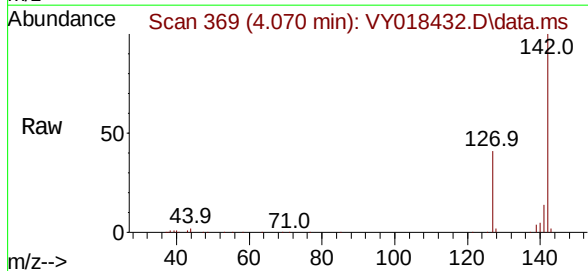
Delta R.T. 0.000 min

Lab File: VY018432.D

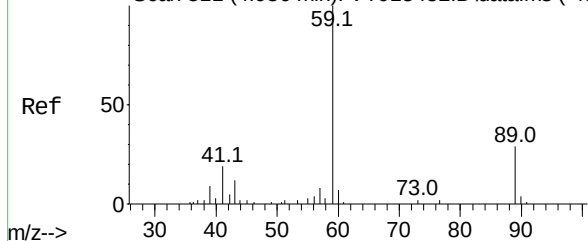
Acq: 03 Jun 2024 11:24

Tgt Ion:142 Resp: 58687

Ion	Ratio	Lower	Upper
142	100		
127	42.3	32.8	49.2
141	14.5	11.4	17.2



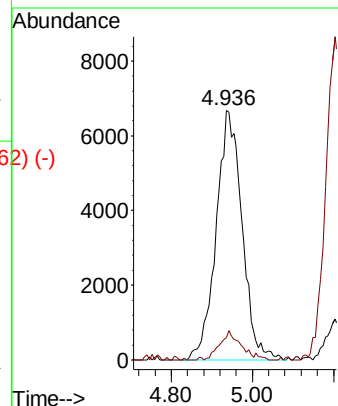
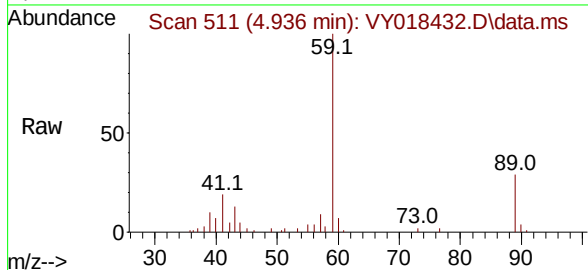
Abundance Scan 511 (4.936 min): VY018432.D\data.ms (-494) #1



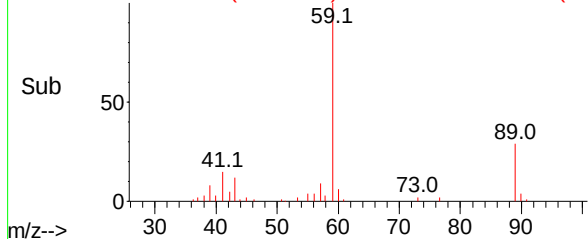
Tert butyl alcohol
Concen: 231.953 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

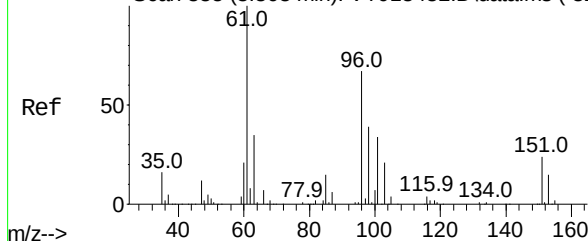
Tgt Ion: 59 Resp: 29566
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.6#



Abundance Scan 511 (4.936 min): VY018432.D\data.ms (-462) (-)

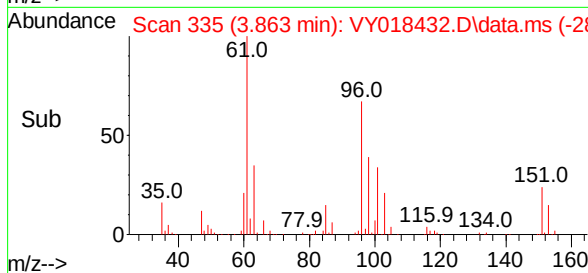
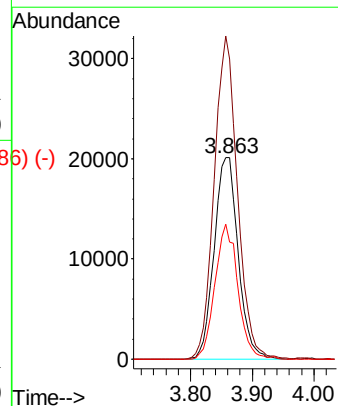
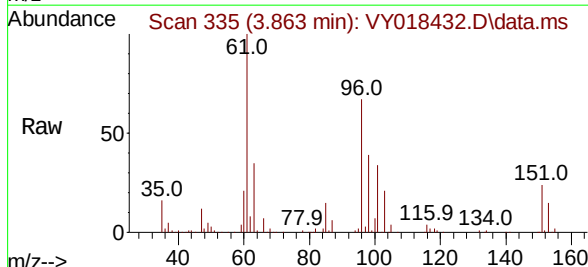


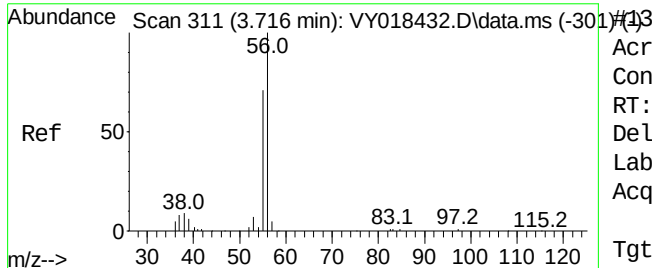
Abundance Scan 335 (3.863 min): VY018432.D\data.ms (-323) #2



1,1-Dichloroethene
Concen: 45.309 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion: 96 Resp: 54292
Ion Ratio Lower Upper
96 100
61 149.0 114.6 171.8
98 58.1 50.8 76.2





Acrolein

Concen: 331.643 ug/l

RT: 3.716 min Scan# 413

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

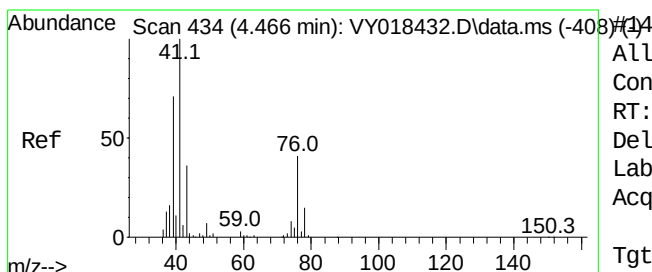
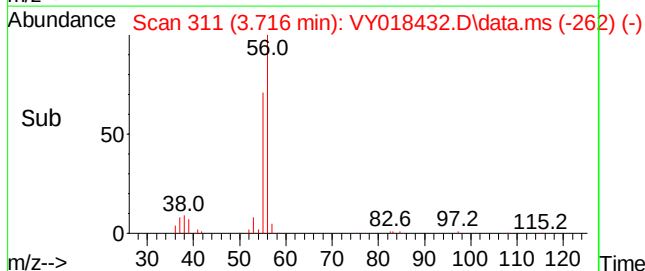
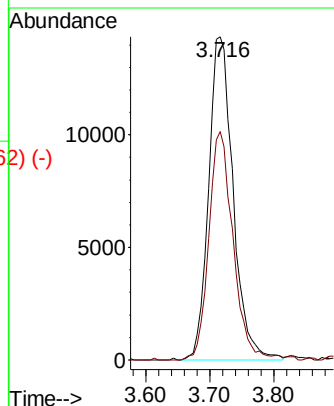
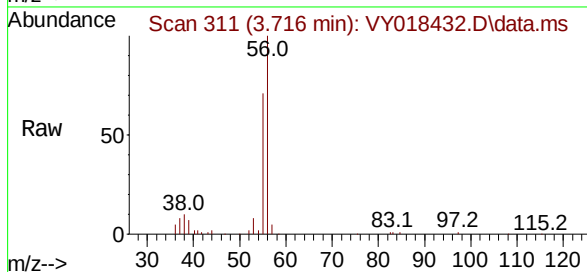
VSTDICCC050

Tgt Ion: 56 Resp: 38078

Ion Ratio Lower Upper

56 100

55 70.0 55.7 83.5



Allyl chloride

Concen: 48.439 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

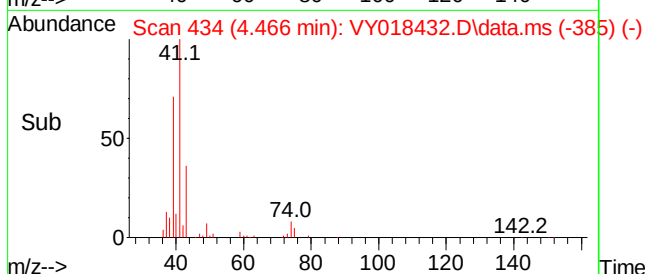
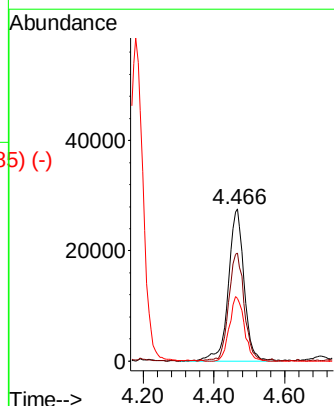
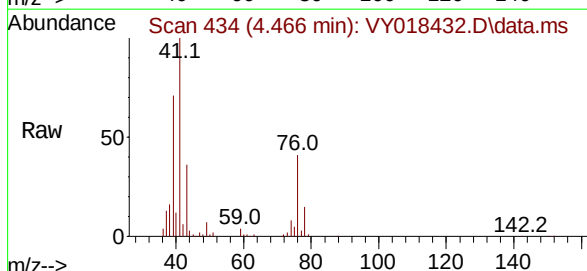
Tgt Ion: 41 Resp: 85006

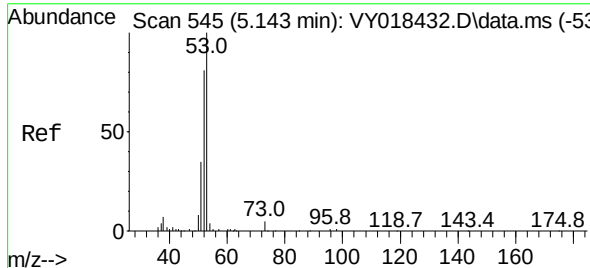
Ion Ratio Lower Upper

41 100

39 70.5 58.3 87.5

76 40.0 39.0 58.6





Acrylonitrile

Concen: 247.044 ug/l

RT: 5.143 min Scan# 545

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

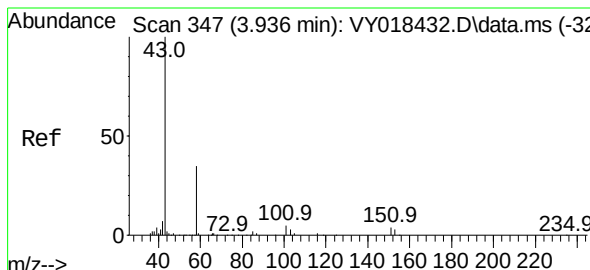
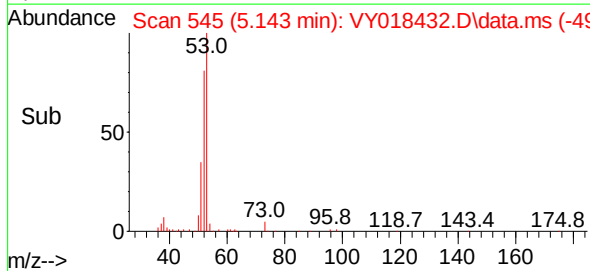
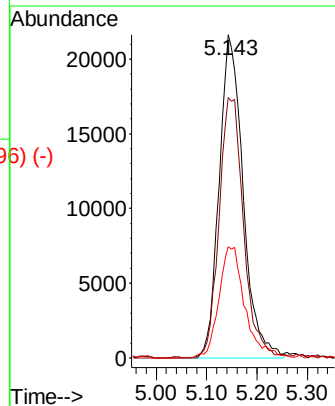
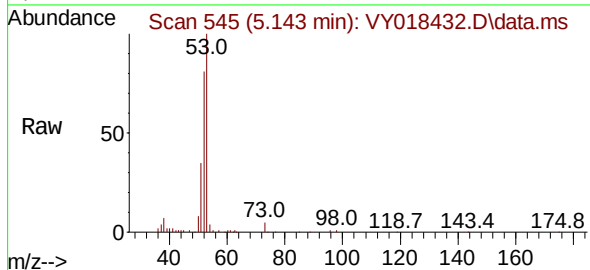
Tgt Ion: 53 Resp: 71170

Ion Ratio Lower Upper

53 100

52 81.8 64.7 97.1

51 37.5 28.4 42.6



Acetone

Concen: 267.987 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018432.D

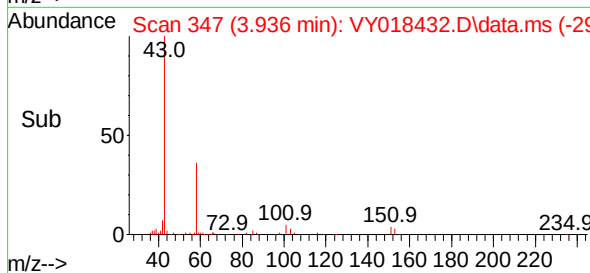
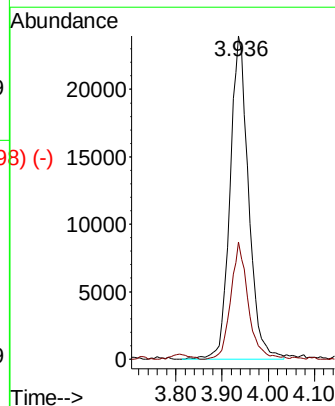
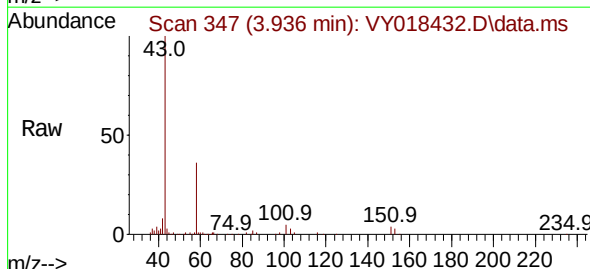
Acq: 03 Jun 2024 11:24

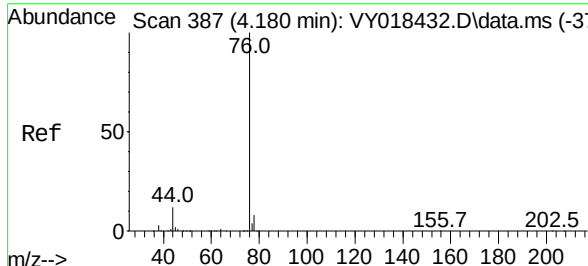
Tgt Ion: 43 Resp: 66719

Ion Ratio Lower Upper

43 100

58 35.5 31.7 47.5

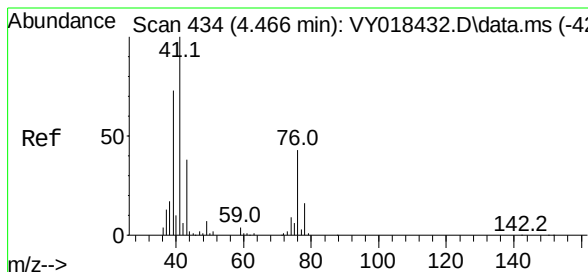
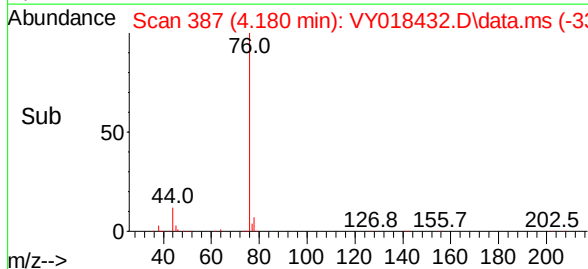
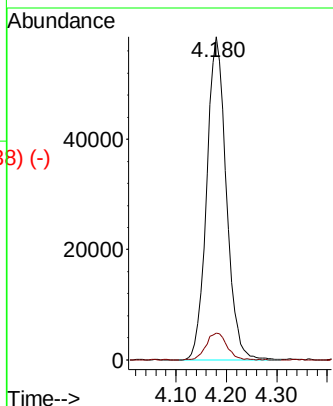
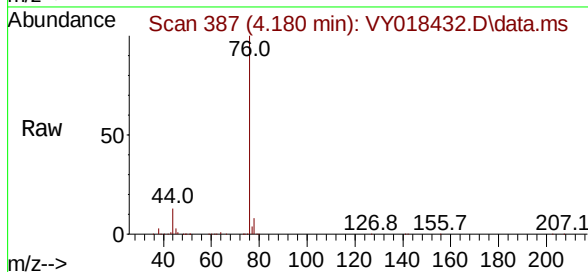




#17
 Carbon Disulfide
 Concen: 44.916 ug/l
 RT: 4.180 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

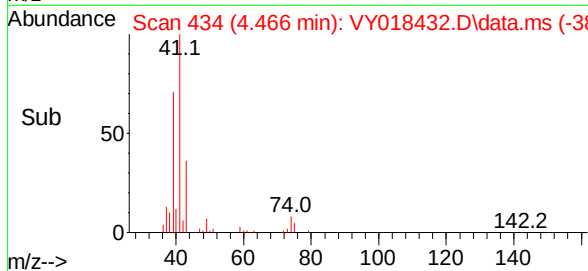
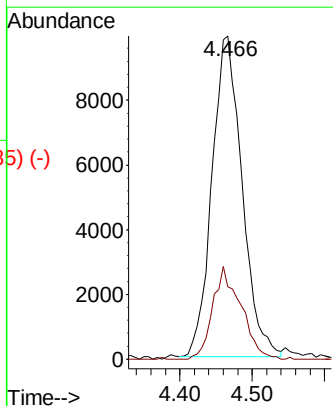
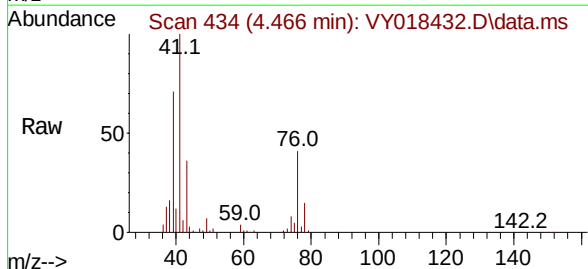
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

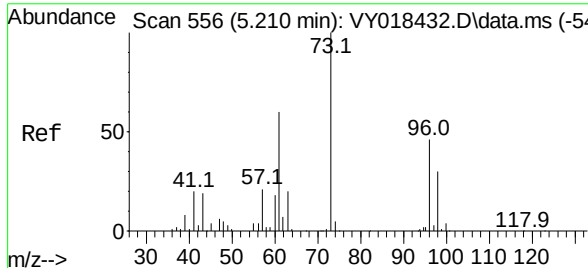
Tgt Ion:	76	Resp:	157883
Ion	Ratio	Lower	Upper
76	100		
78	8.3	6.8	10.2



#18
 Methyl Acetate
 Concen: 45.860 ug/l
 RT: 4.466 min Scan# 434
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

Tgt Ion:	43	Resp:	28551
Ion	Ratio	Lower	Upper
43	100		
74	27.0	23.3	34.9

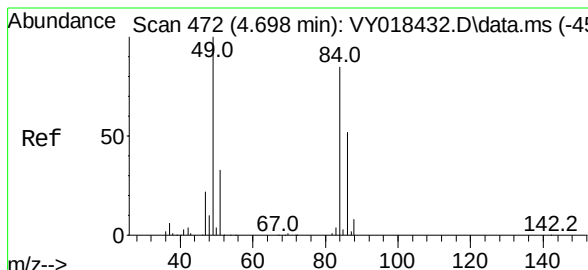
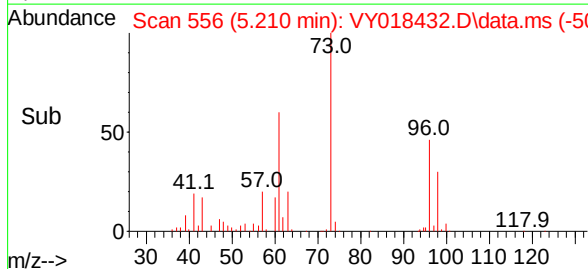
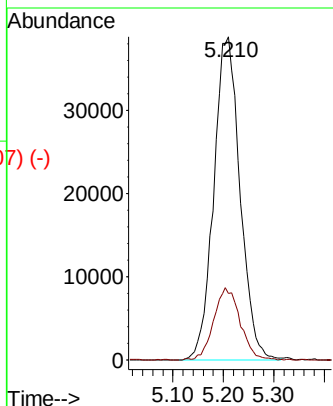
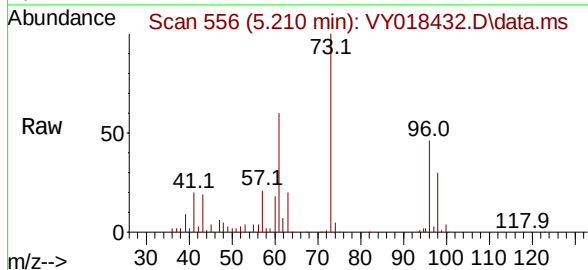




#19
Methyl tert-butyl Ether
Concen: 48.668 ug/l
RT: 5.210 min Scan# 419
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

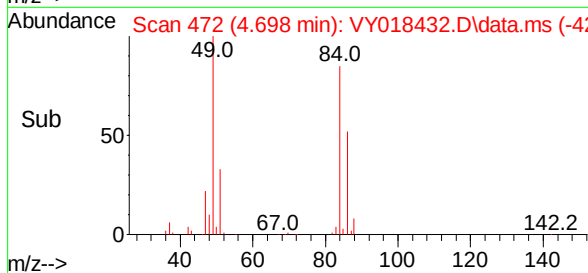
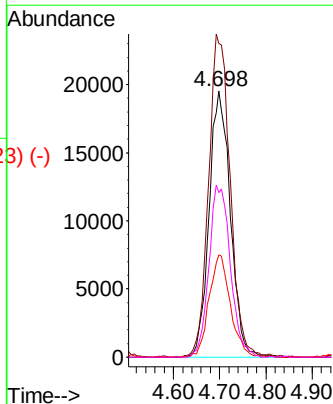
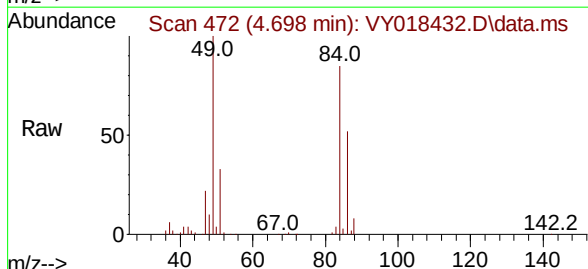
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 140548
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 45.066 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

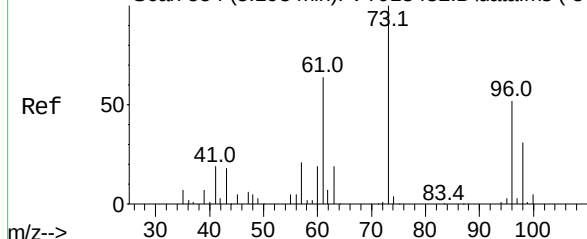
Tgt Ion: 84 Resp: 62611
Ion Ratio Lower Upper
84 100
49 118.0 84.4 126.6
51 38.4 26.0 39.0
86 61.8 49.5 74.3



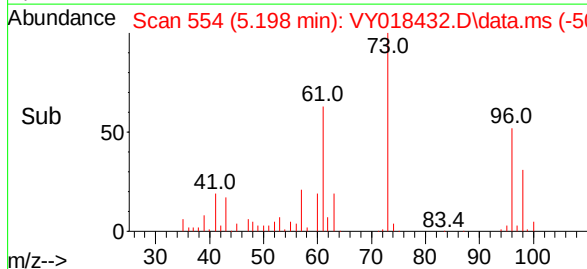
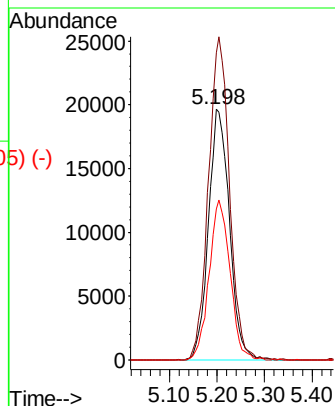
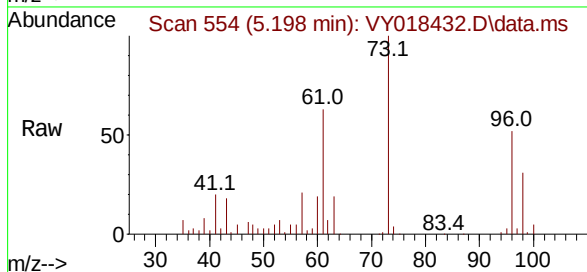
Abundance Scan 554 (5.198 min): VY018432.D\data.ms (-542) #21

trans-1,2-Dichloroethene
Concen: 47.346 ug/l
RT: 5.198 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050



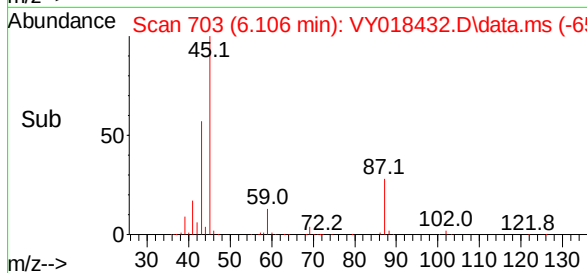
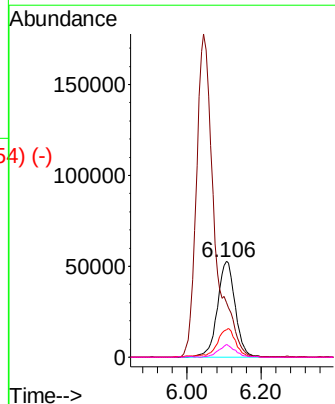
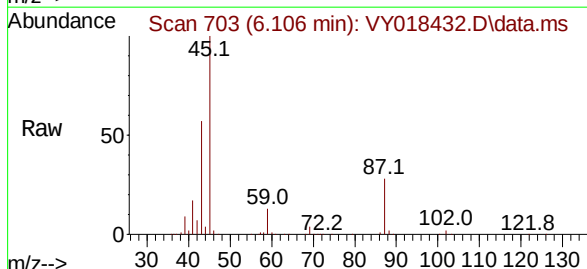
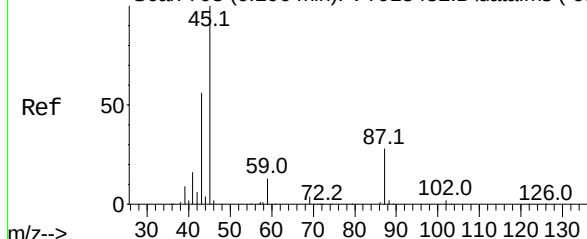
Tgt Ion: 96 Resp: 60542
Ion Ratio Lower Upper
96 100
61 122.4 97.5 146.3
98 60.1 50.5 75.7



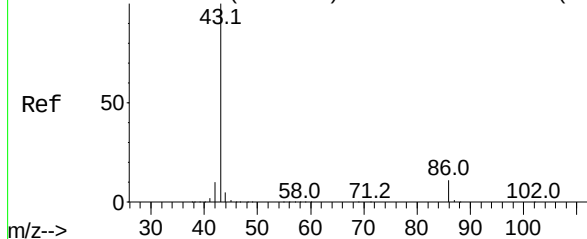
Abundance Scan 703 (6.106 min): VY018432.D\data.ms (-683) #22

Diisopropyl ether
Concen: 49.431 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion: 45 Resp: 176659
Ion Ratio Lower Upper
45 100
43 56.1 42.2 63.2
87 28.3 25.0 37.6
59 13.4 10.5 15.7



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



Vinyl Acetate

Concen: 255.493 ug/l

RT: 6.045 min Scan# 693

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

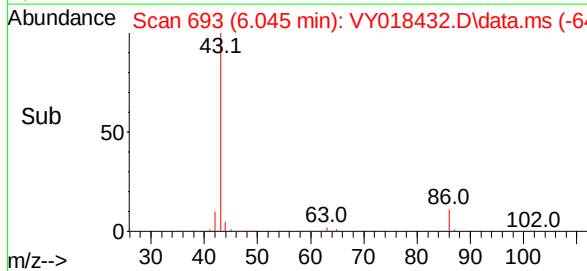
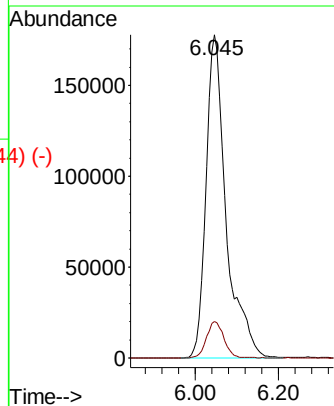
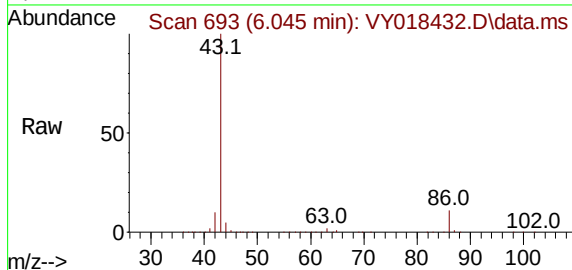
VSTDICCC050

Tgt Ion: 43 Resp: 594250

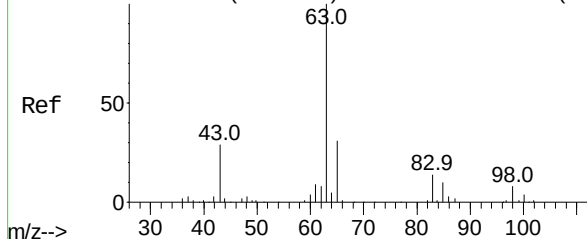
Ion Ratio Lower Upper

43 100

86 11.2 10.6 16.0



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



1,1-Dichloroethane

Concen: 47.845 ug/l

RT: 6.003 min Scan# 686

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

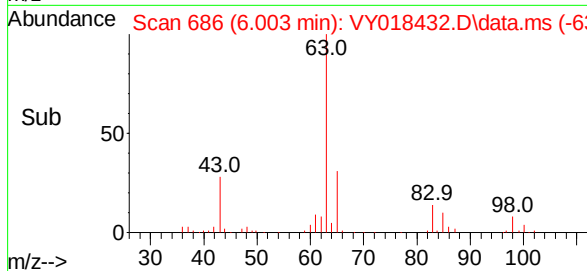
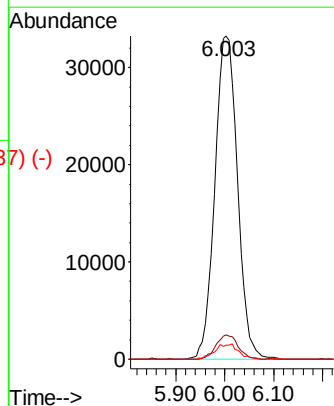
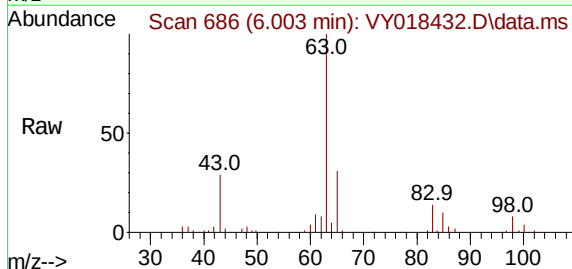
Tgt Ion: 63 Resp: 106654

Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

100 4.4 2.6 8.0



Abundance Scan 846 (6.978 min): VY018432.D\data.ms (-833) #25

2-Butanone

Concen: 267.577 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 102054

Ion Ratio Lower Upper

43 100

72 28.8 27.3 40.9

Abundance Scan 846 (6.978 min): VY018432.D\data.ms

43.1 61.0

96.0

122.9 151.1

m/z-->

Ref

50

0

40 60 80 100 120 140 160

Abundance Scan 846 (6.978 min): VY018432.D\data.ms

43.1 61.0

96.0

122.9 151.1

m/z-->

Raw

50

0

40 60 80 100 120 140 160

Abundance Scan 846 (6.978 min): VY018432.D\data.ms (-797) (-)

43.1 61.0

96.0

122.9 151.1

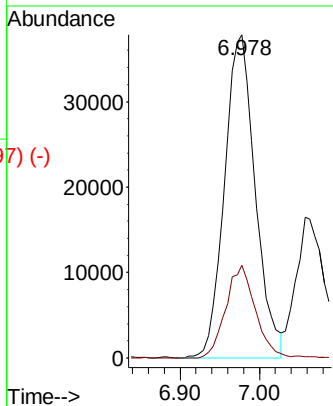
m/z-->

Sub

50

0

40 60 80 100 120 140 160



Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-832) #26

2,2-Dichloropropane

Concen: 46.577 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Tgt Ion: 77 Resp: 91254

Ion Ratio Lower Upper

77 100

97 23.9 12.0 36.1

Abundance Scan 845 (6.972 min): VY018432.D\data.ms

43.1 77.0

96.0

166.5

m/z-->

Ref

50

0

40 60 80 100 120 140 160

Abundance Scan 845 (6.972 min): VY018432.D\data.ms

43.1 77.0

96.0

166.5

m/z-->

Raw

50

0

40 60 80 100 120 140 160

Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-796) (-)

43.0 77.0

96.0

166.5

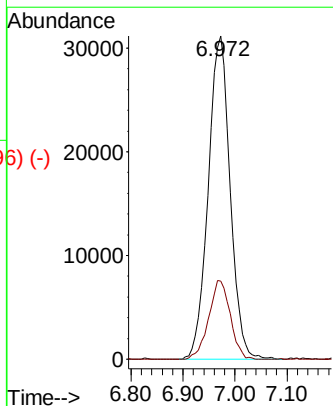
m/z-->

Sub

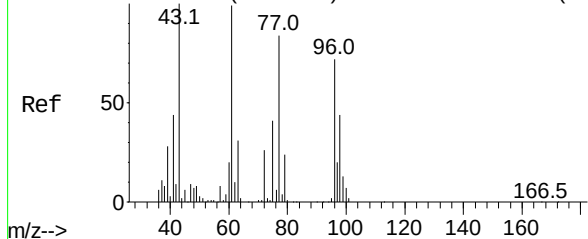
50

0

40 60 80 100 120 140 160



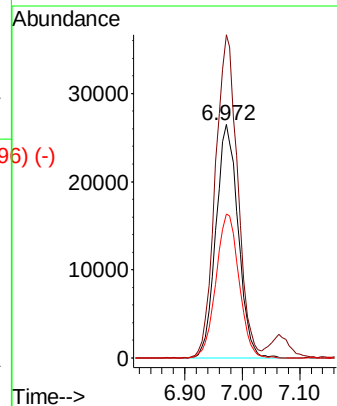
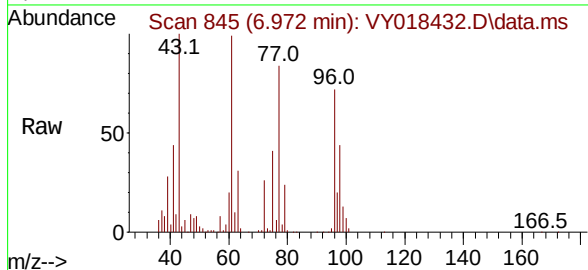
Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-833) #27



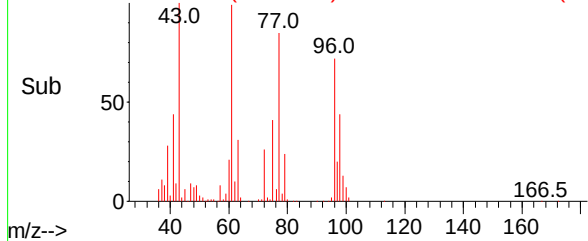
cis-1,2-Dichloroethene
Concen: 47.781 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

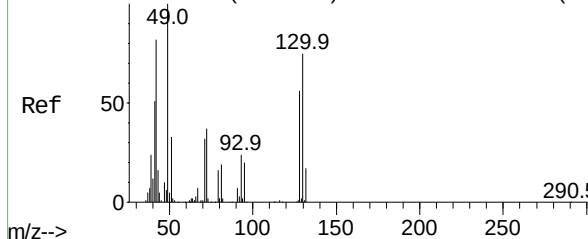
Tgt Ion:	96	Resp:	71072
Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	256.2
98	63.9	0.0	130.0



Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-796) (-)

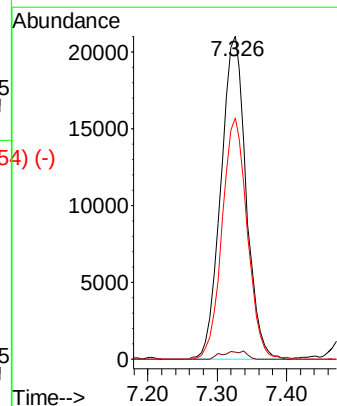
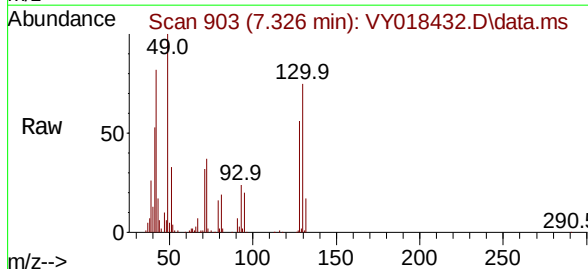


Abundance Scan 903 (7.326 min): VY018432.D\data.ms (-891) #28

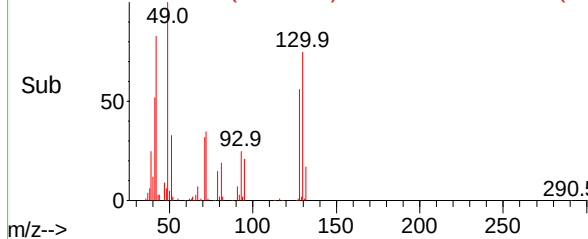


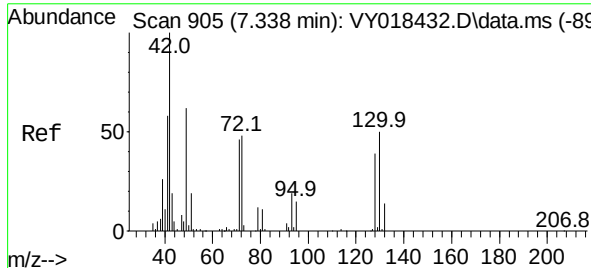
Bromochloromethane
Concen: 51.648 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	49	Resp:	52981
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	74.6	72.7	109.1



Abundance Scan 903 (7.326 min): VY018432.D\data.ms (-854) (-)

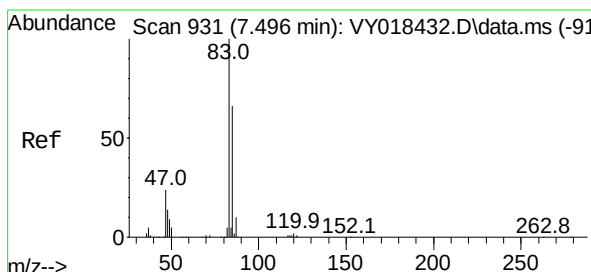
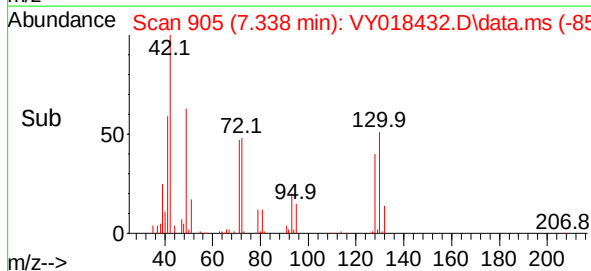
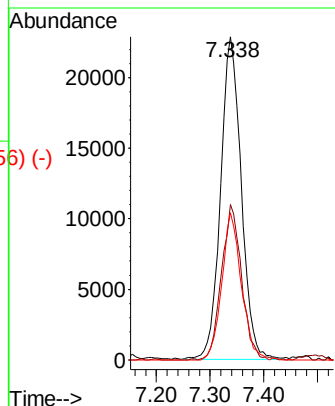
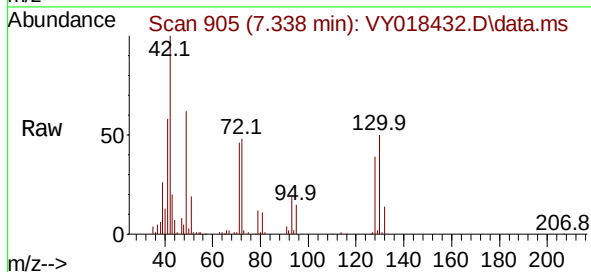




#29
Tetrahydrofuran
Concen: 247.551 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

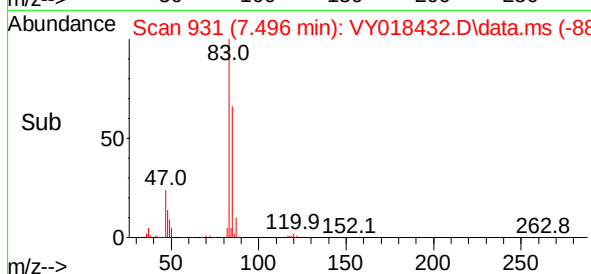
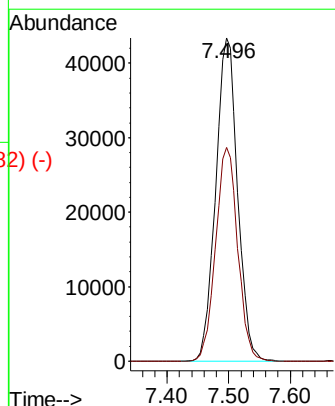
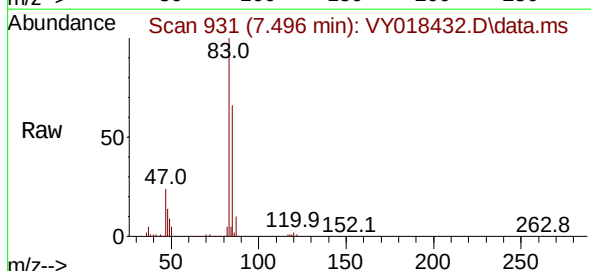
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

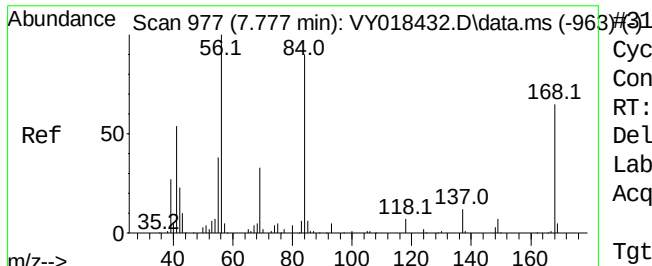
Tgt Ion:	42	Resp:	61317
Ion	Ratio	Lower	Upper
42	100		
72	47.0	43.0	64.4
71	43.1	40.8	61.2



#30
Chloroform
Concen: 47.853 ug/l
RT: 7.496 min Scan# 931
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	83	Resp:	106988
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.4





Cyclohexane

Concen: 46.135 ug/l

RT: 7.777 min Scan# 963

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

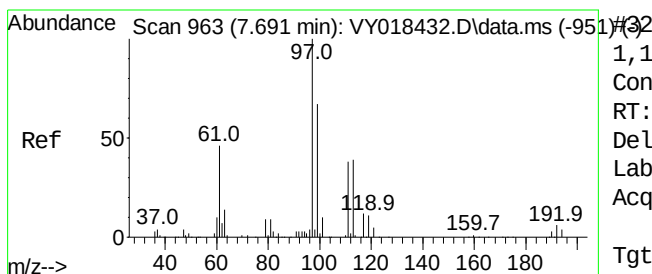
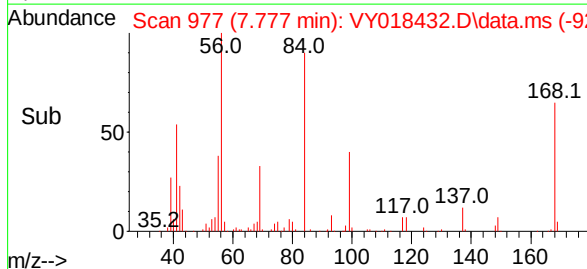
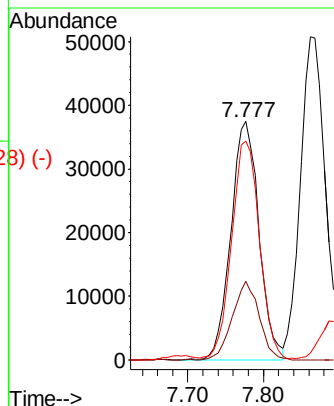
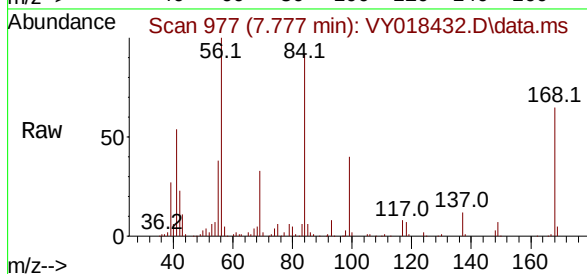
Tgt Ion: 56 Resp: 96487

Ion Ratio Lower Upper

56 100

69 32.9 28.7 43.1

84 90.2 77.7 116.5



1,1,1-Trichloroethane

Concen: 47.426 ug/l

RT: 7.691 min Scan# 963

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

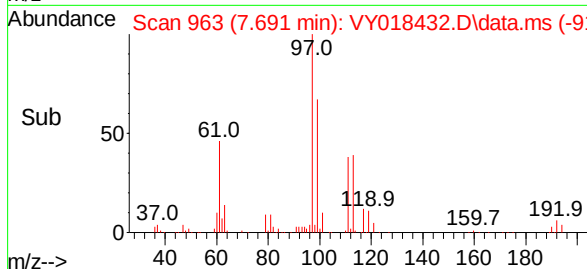
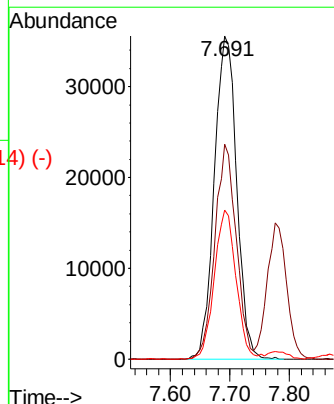
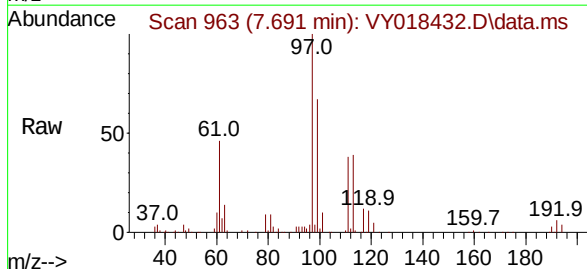
Tgt Ion: 97 Resp: 92869

Ion Ratio Lower Upper

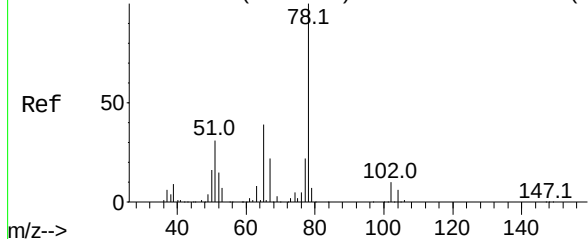
97 100

99 63.8 50.3 75.5

61 44.7 32.6 48.8



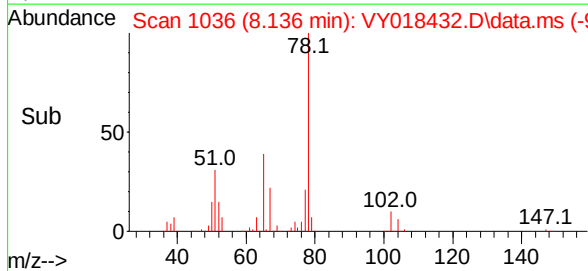
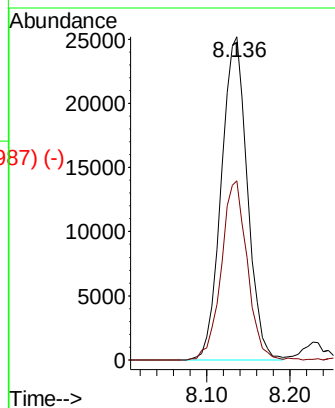
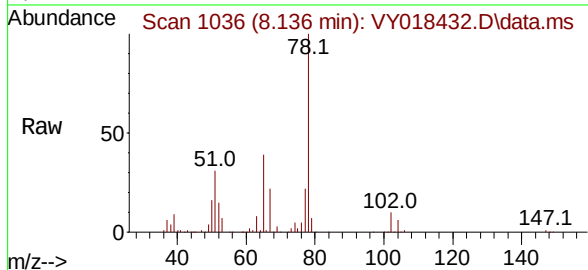
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



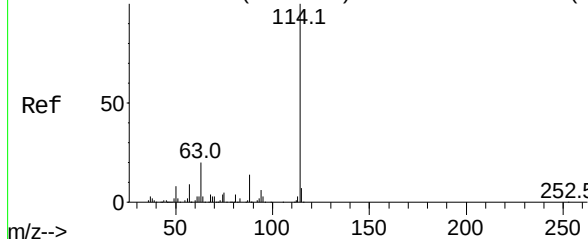
1,2-Dichloroethane-d4
Concen: 49.277 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 55274
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6

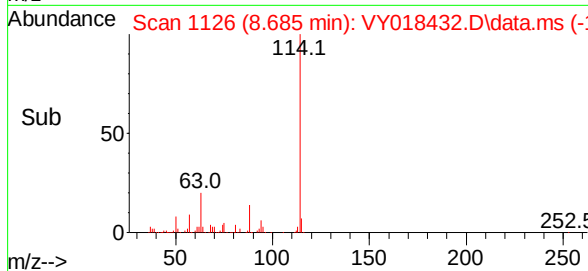
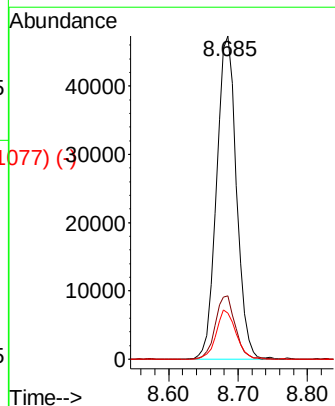
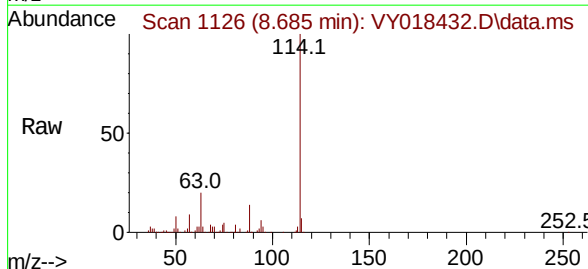


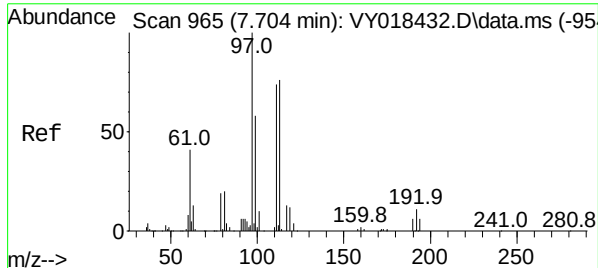
Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-111534)



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:114 Resp: 93965
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.0
88 14.2 0.0 27.2





Dibromofluoromethane

Concen: 47.487 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

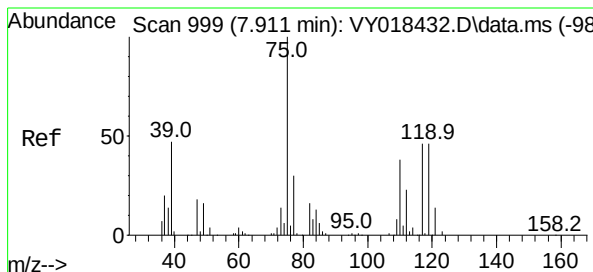
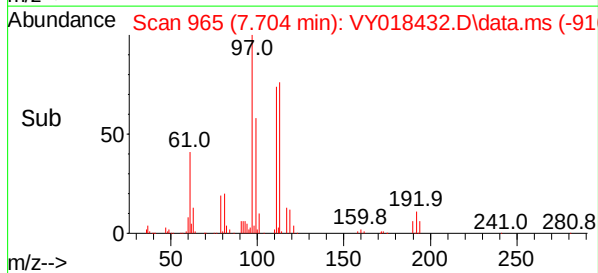
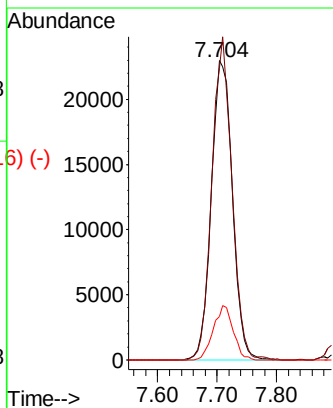
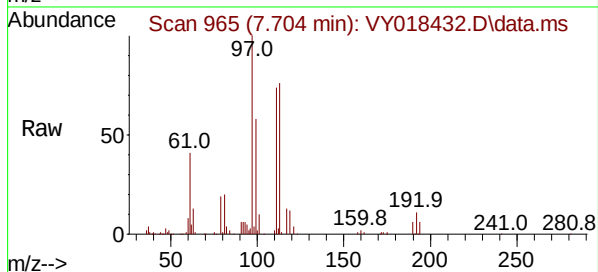
Tgt Ion:113 Resp: 56583

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 17.1 15.9 23.9



1,1-Dichloropropene

Concen: 45.002 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

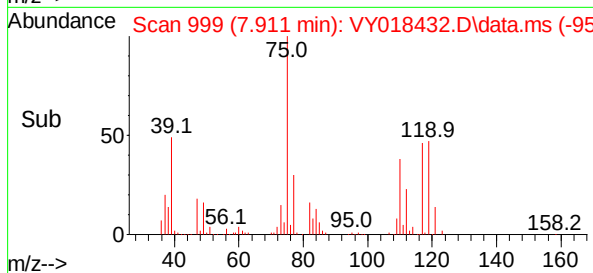
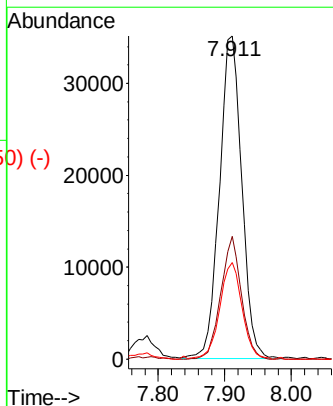
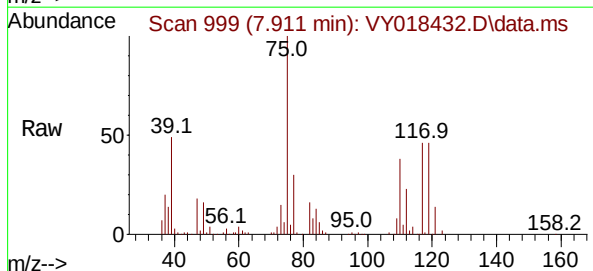
Tgt Ion: 75 Resp: 81760

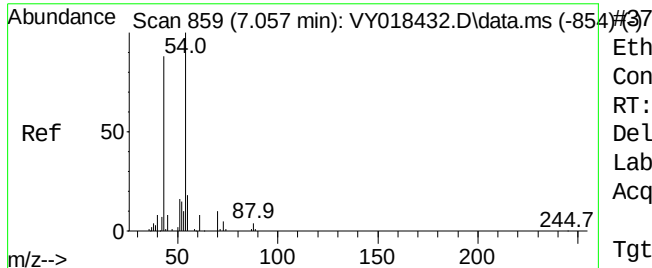
Ion Ratio Lower Upper

75 100

110 34.8 19.0 57.0

77 29.9 25.3 37.9





Ethyl Acetate

Concen: 46.087 ug/l

RT: 7.057 min Scan# 859

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

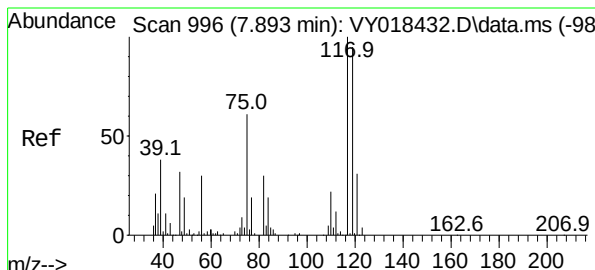
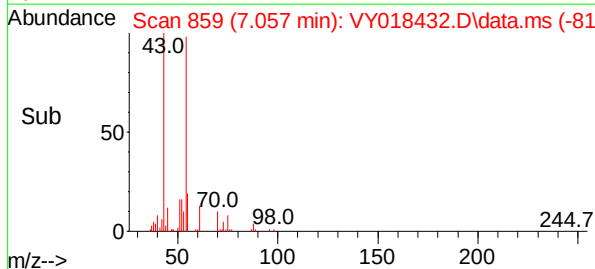
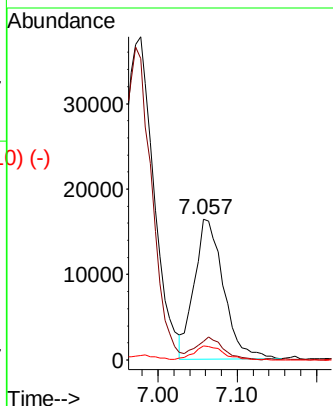
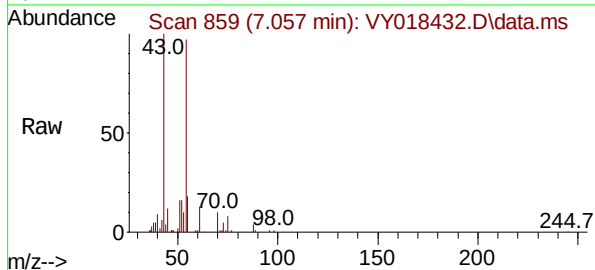
Tgt Ion: 43 Resp: 41829

Ion Ratio Lower Upper

43 100

61 15.1 12.6 19.0

70 10.2 7.8 11.8



Carbon Tetrachloride

Concen: 43.433 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

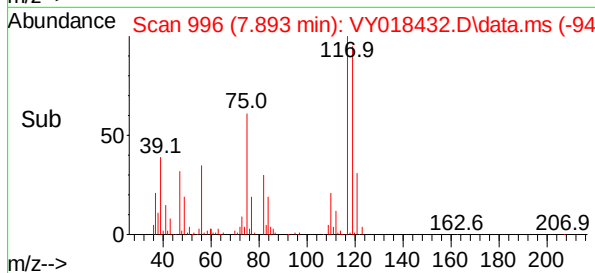
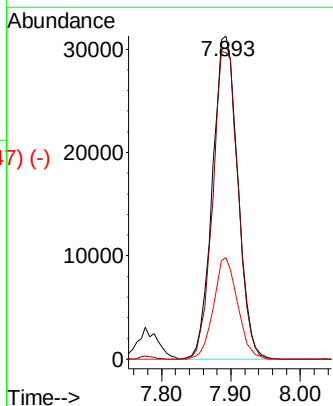
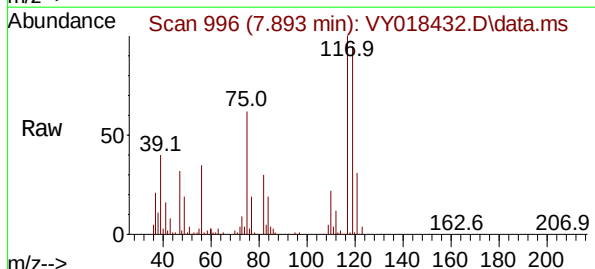
Tgt Ion: 117 Resp: 79075

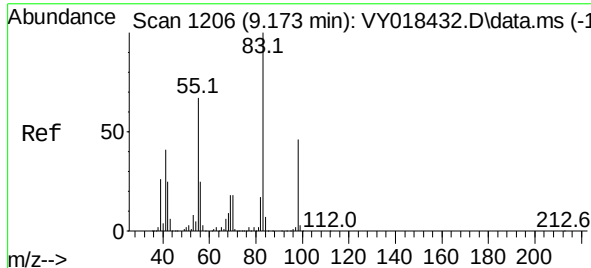
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

121 31.4 24.0 36.0

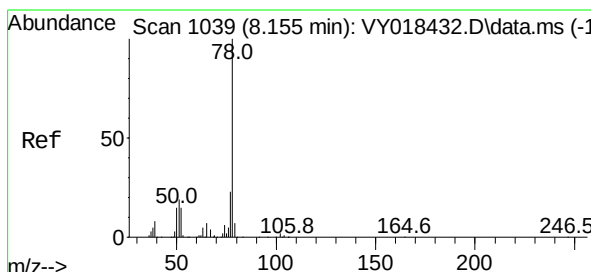
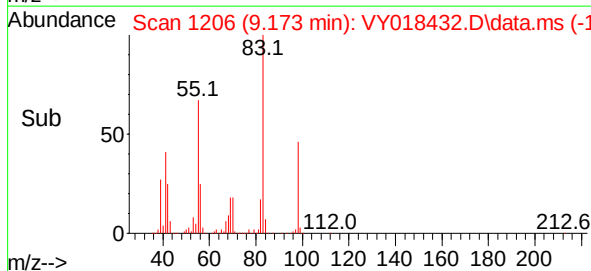
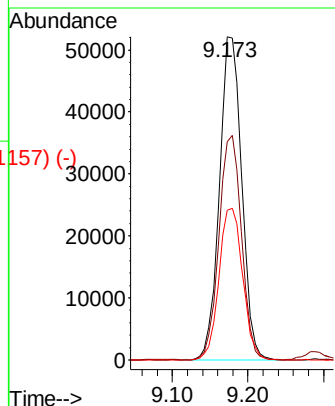
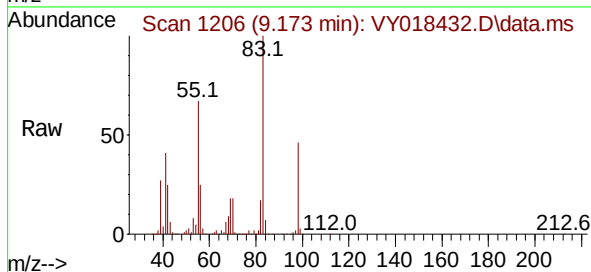




#39
Methylcyclohexane
Concen: 43.292 ug/l
RT: 9.173 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

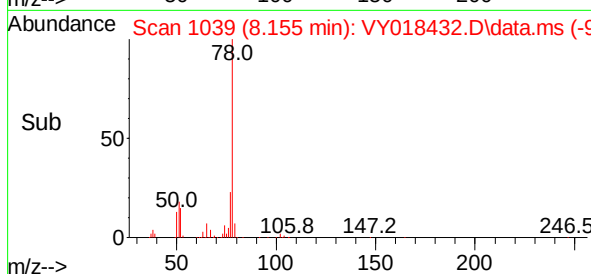
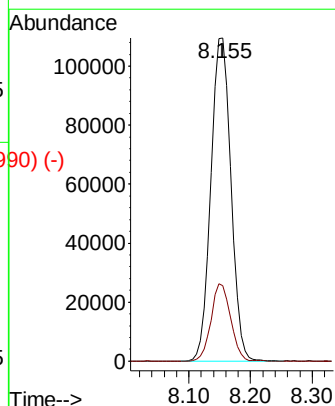
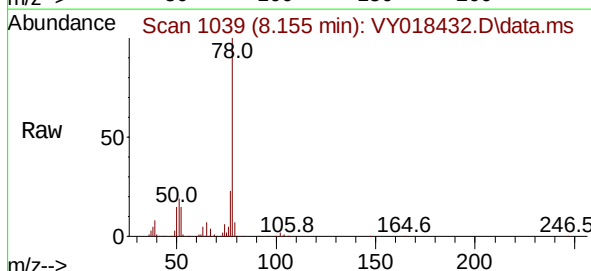
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	83	Resp:	106328
Ion	Ratio	Lower	Upper
83	100		
55	67.5	51.5	77.3
98	46.4	40.5	60.7

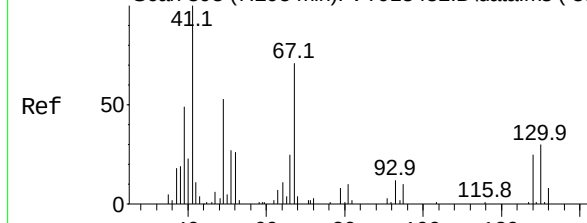


#40
Benzene
Concen: 45.474 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	78	Resp:	247544
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.5	29.3



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



Methacrylonitrile

Concen: 43.212 ug/l

RT: 7.295 min Scan# 898

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 21056

Ion Ratio Lower Upper

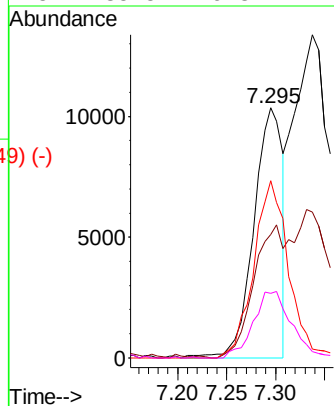
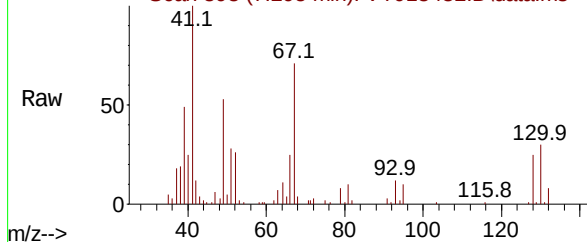
41 100

39 54.2 48.0 72.0

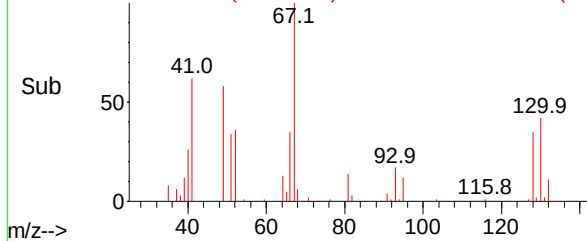
67 86.4 75.1 112.7

52 35.5 29.8 44.6

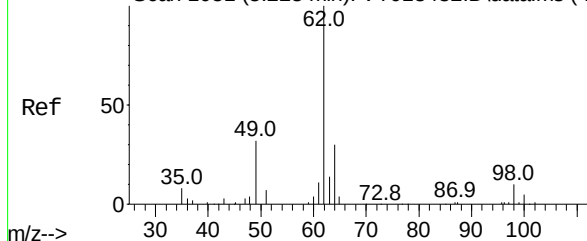
Abundance Scan 898 (7.295 min): VY018432.D\data.ms



Abundance Scan 898 (7.295 min): VY018432.D\data.ms (-849) (-)



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



1,2-Dichloroethane

Concen: 46.050 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

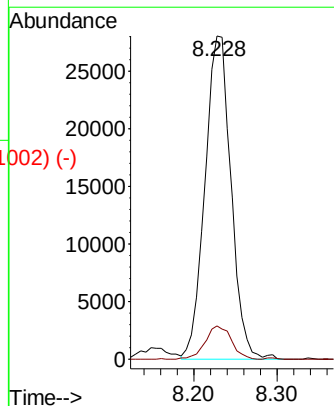
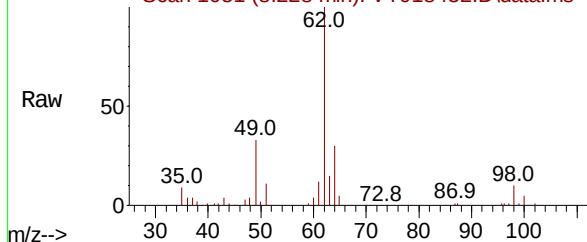
Tgt Ion: 62 Resp: 60945

Ion Ratio Lower Upper

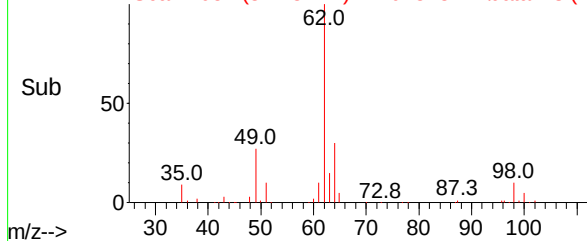
62 100

98 10.3 0.0 22.0

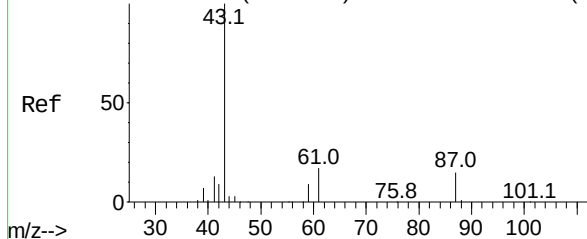
Abundance Scan 1051 (8.228 min): VY018432.D\data.ms



Abundance Scan 1051 (8.228 min): VY018432.D\data.ms (-1002) (-)



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



Isopropyl Acetate

Concen: 48.813 ug/l

RT: 8.264 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

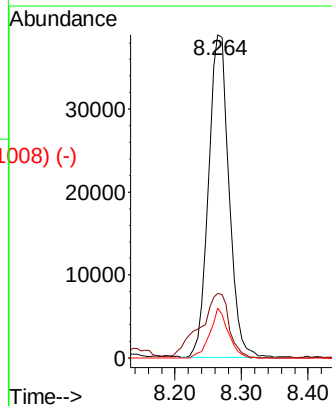
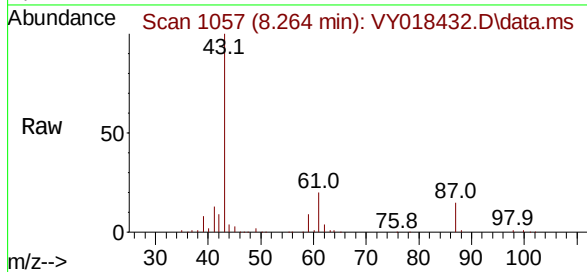
Tgt Ion: 43 Resp: 82841

Ion Ratio Lower Upper

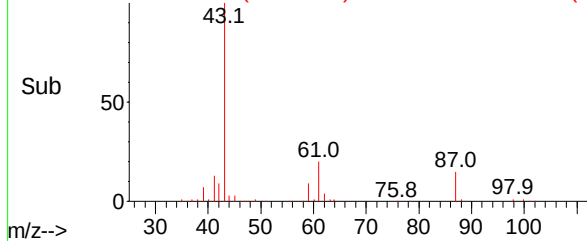
43 100

61 28.6 27.9 41.9

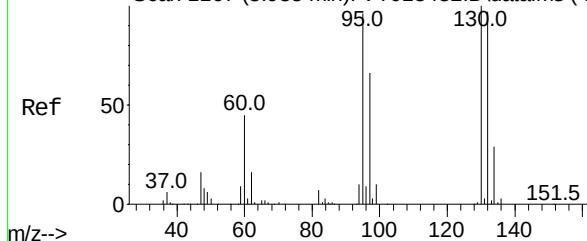
87 13.8 13.1 19.7



Abundance Scan 1057 (8.264 min): VY018432.D\data.ms (-1008) (-)



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



Trichloroethene

Concen: 44.186 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018432.D

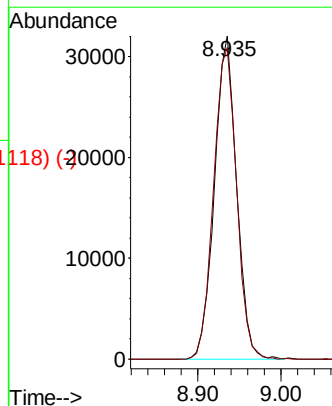
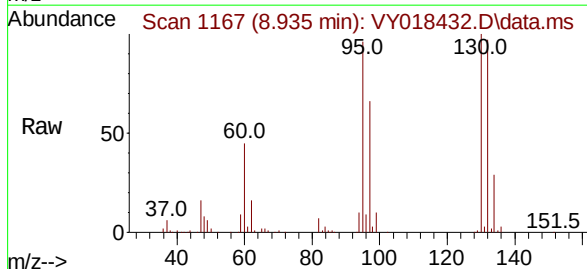
Acq: 03 Jun 2024 11:24

Tgt Ion:130 Resp: 59607

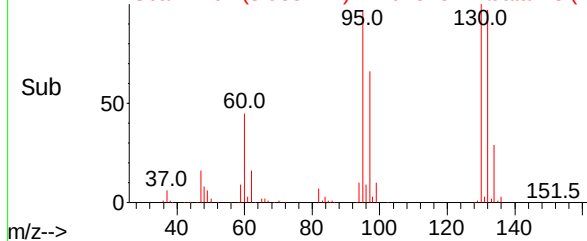
Ion Ratio Lower Upper

130 100

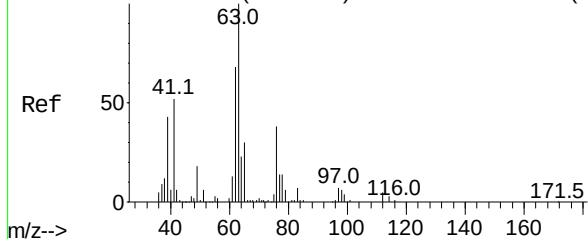
95 96.4 0.0 188.0



Abundance Scan 1167 (8.935 min): VY018432.D\data.ms (-1118) (2)



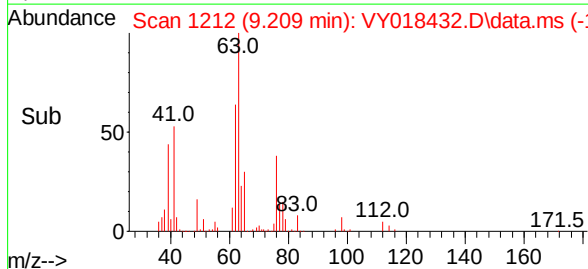
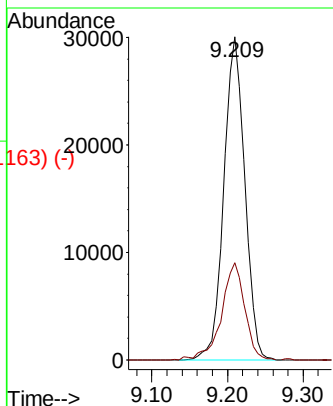
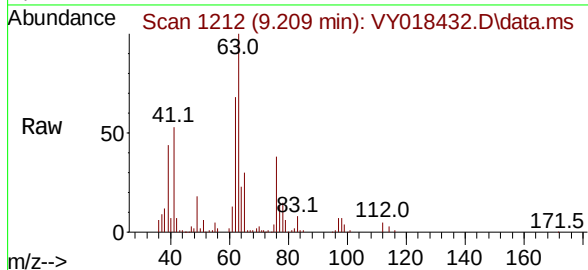
Abundance Scan 1212 (9.209 min): VY018432.D\data.ms (-12045)



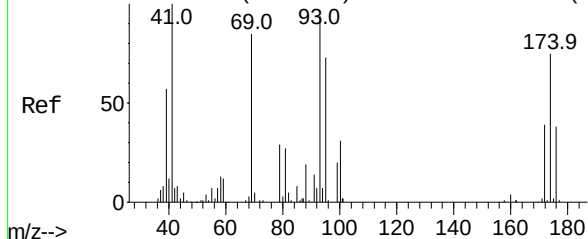
1,2-Dichloropropane
Concen: 46.439 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 57814
Ion Ratio Lower Upper
63 100
65 30.0 25.4 38.2

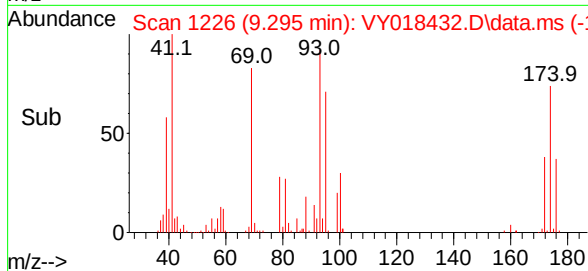
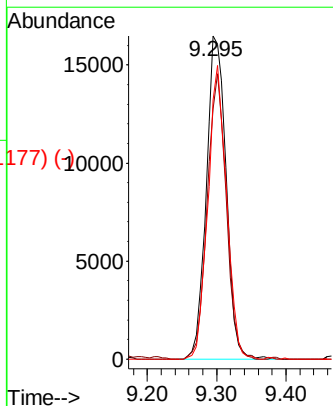
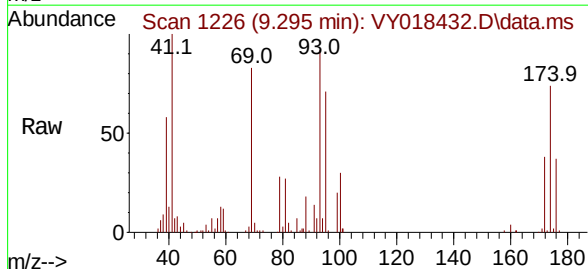


Abundance Scan 1226 (9.295 min): VY018432.D\data.ms (-12164)

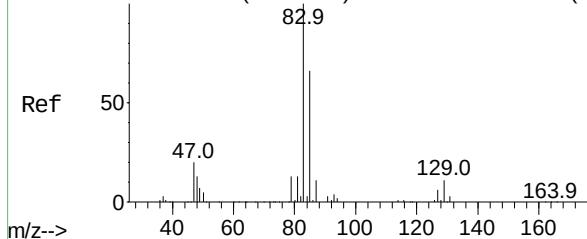


Dibromomethane
Concen: 45.879 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion: 93 Resp: 32747
Ion Ratio Lower Upper
93 100
95 84.3 66.2 99.4
174 85.8 80.9 121.3



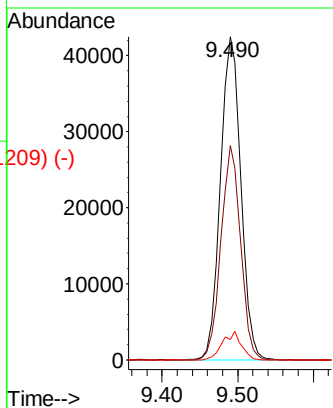
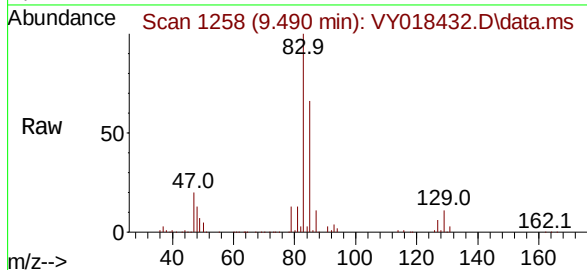
Abundance Scan 1258 (9.490 min): VY018432.D\data.ms (-1247-)



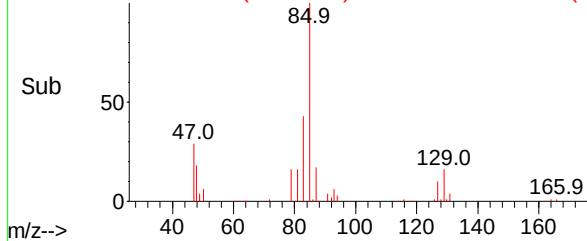
Bromodichloromethane
Concen: 46.393 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

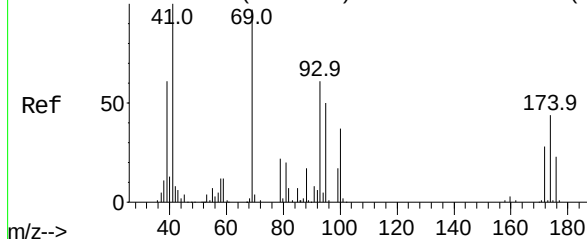
Tgt Ion: 83 Resp: 79489
Ion Ratio Lower Upper
83 100
85 66.3 50.1 75.1
127 6.4 7.4 11.0#



Abundance Scan 1258 (9.490 min): VY018432.D\data.ms (-1209-)

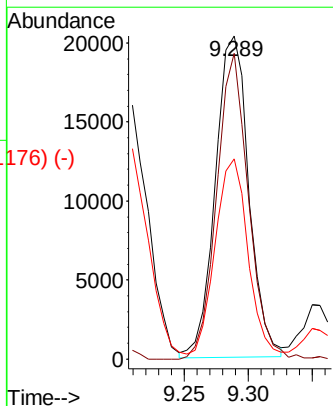
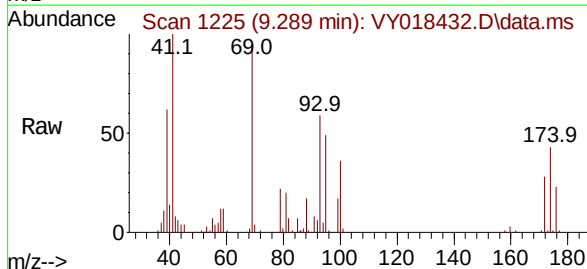


Abundance Scan 1225 (9.289 min): VY018432.D\data.ms (-1218-)

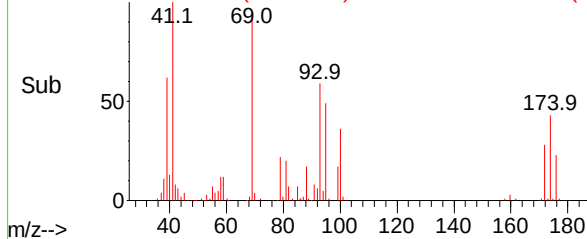


Methyl methacrylate
Concen: 47.271 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion: 41 Resp: 36910
Ion Ratio Lower Upper
41 100
69 90.3 84.1 126.1
39 59.1 43.6 65.4



Abundance Scan 1225 (9.289 min): VY018432.D\data.ms (-1176-)



Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-12169)

1,4-Dioxane

Concen: 893.716 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 8377

Ion Ratio Lower Upper

88 100

43 35.6 0.0 0.0#

58 67.1 49.3 73.9

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

Ref 50

41.0 69.1 92.9 173.9

m/z-->

Raw 50

41.1 69.1 92.9 173.9

m/z-->

Sub 50

41.1 69.1 92.9 173.9

m/z-->

Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-1178) (-)

Ref 50

41.1 69.1 92.9 173.9

m/z-->

Raw 50

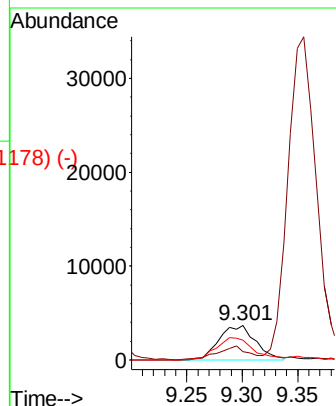
41.1 69.1 92.9 173.9

m/z-->

Sub 50

41.1 69.1 92.9 173.9

m/z-->



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

Toluene-d8

Concen: 47.413 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Tgt Ion: 98 Resp: 224750

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0

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

Ref 50

42.0 70.1 98.1 167.4

m/z-->

Raw 50

42.1 70.1 98.1 167.4

m/z-->

Sub 50

42.0 70.1 98.1 167.4

m/z-->

Abundance Scan 1370 (10.173 min): VY018432.D\data.ms (-1321) (-)

Ref 50

42.0 70.1 98.1 167.4

m/z-->

Raw 50

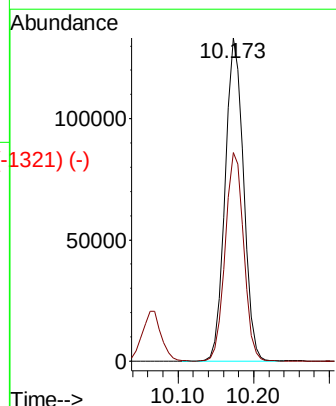
42.0 70.1 98.1 167.4

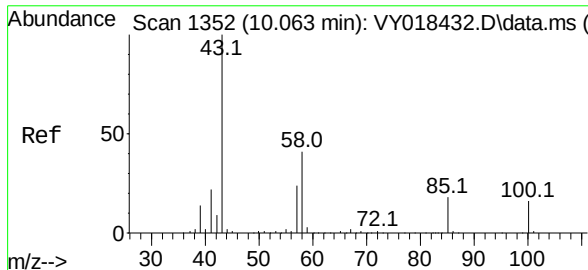
m/z-->

Sub 50

42.0 70.1 98.1 167.4

m/z-->

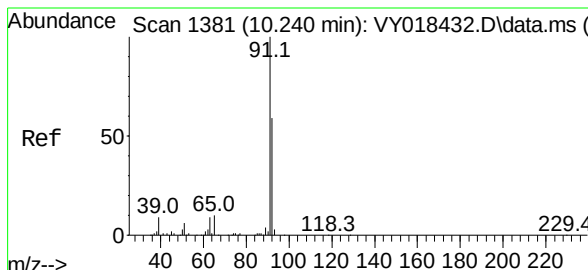
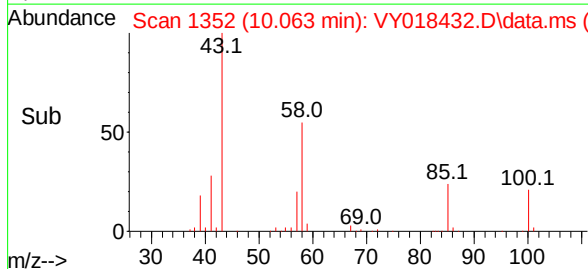
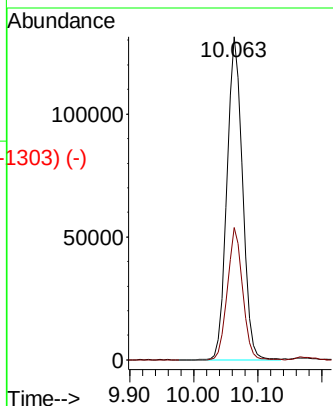
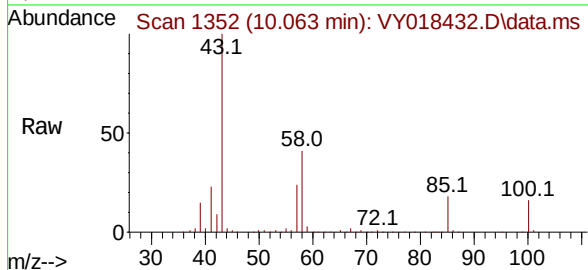




4-Methyl-2-Pentanone
Concen: 250.404 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

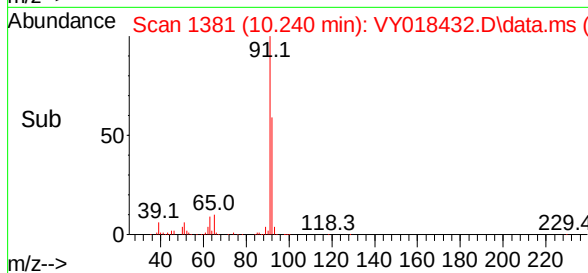
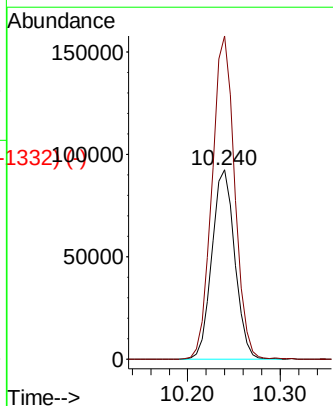
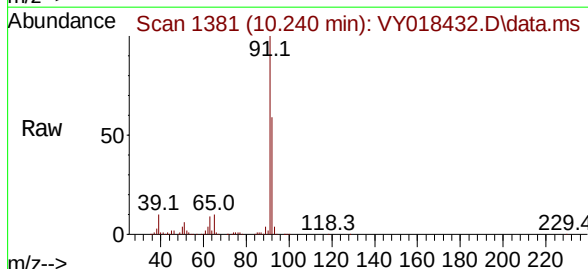
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

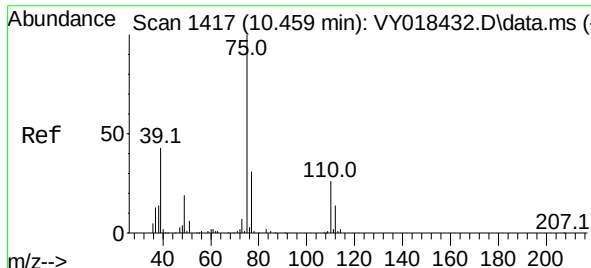
Tgt Ion: 43 Resp: 220664
Ion Ratio Lower Upper
43 100
58 39.9 35.7 53.5



Toluene
Concen: 47.303 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion: 92 Resp: 158377
Ion Ratio Lower Upper
92 100
91 169.5 139.0 208.6

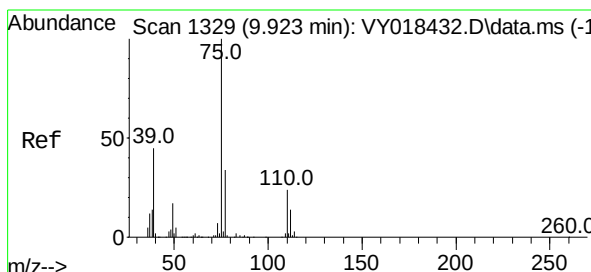
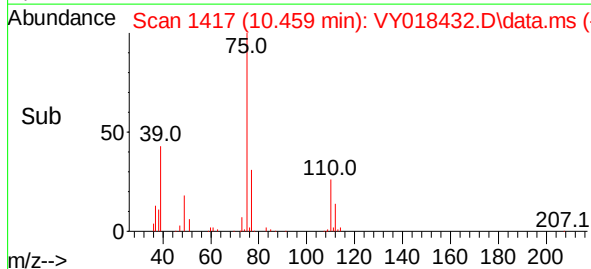
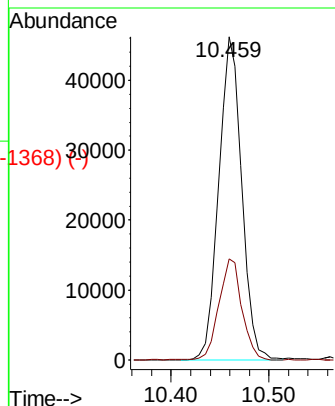
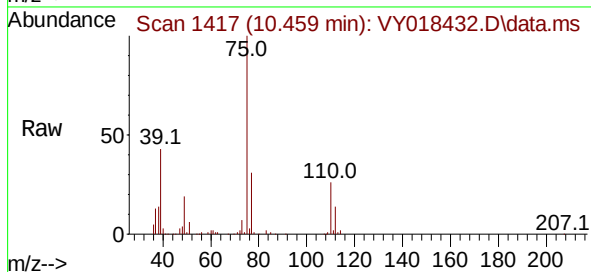




t-1,3-Dichloropropene
 Concen: 48.069 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

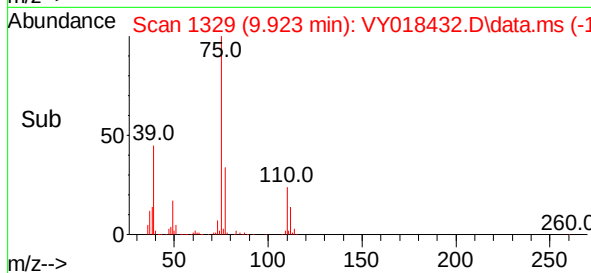
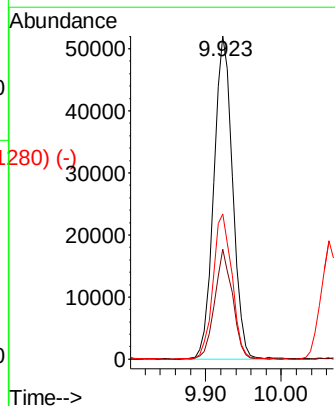
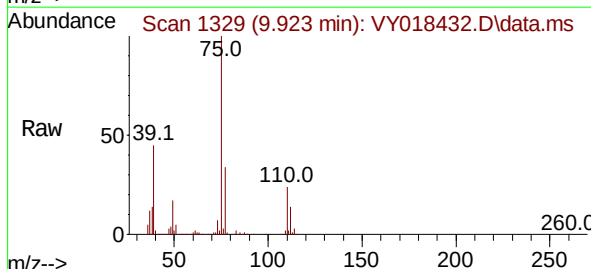
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

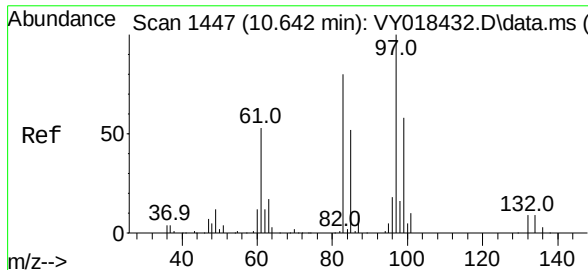
Tgt Ion: 75 Resp: 75633
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.1 36.1



cis-1,3-Dichloropropene
 Concen: 46.428 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

Tgt Ion: 75 Resp: 89946
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.4 38.0
 39 44.7 29.8 44.6#

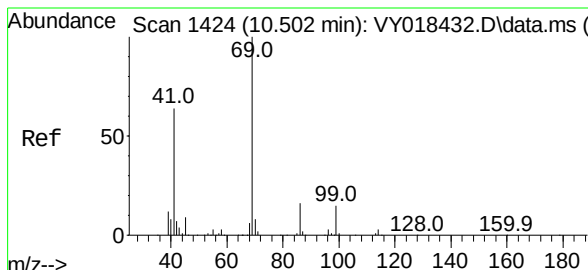
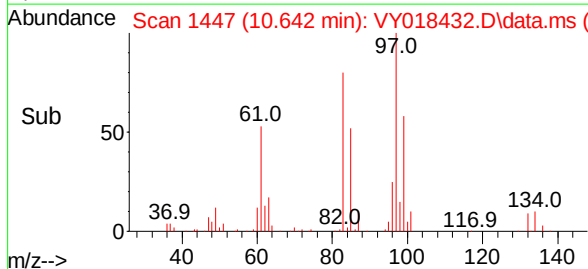
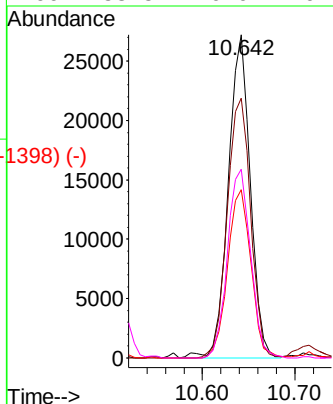
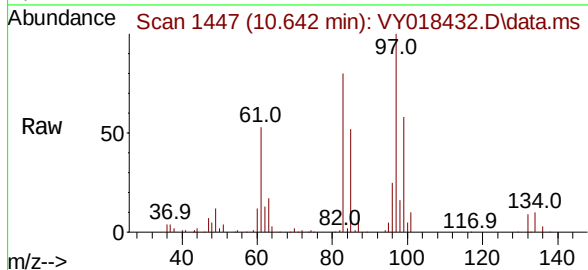




1,1,2-Trichloroethane
Concen: 48.343 ug/l
RT: 10.642 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

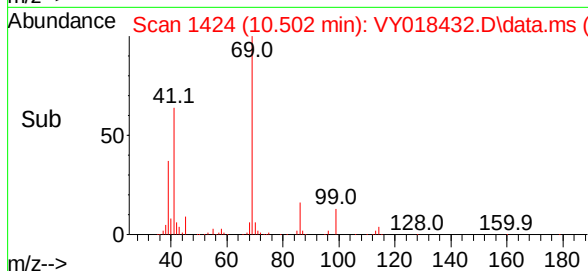
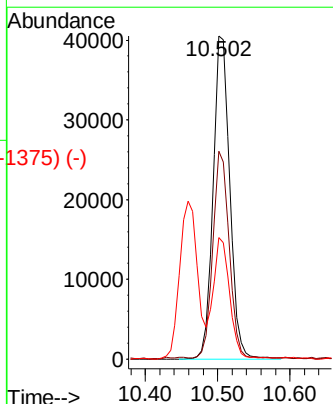
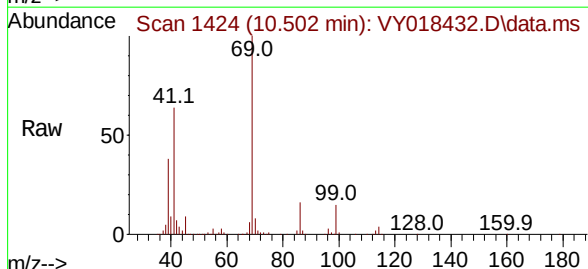
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	97	Resp:	44893
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.5	101.3
85	52.0	42.9	64.3
99	58.5	46.6	70.0



Ethyl methacrylate
Concen: 49.681 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	69	Resp:	64921
Ion	Ratio	Lower	Upper
69	100		
41	62.7	42.3	63.5
39	36.5	22.9	34.3#



Abundance Scan 1471 (10.788 min): VY018432.D\data.ms (-1458) (-)

1,3-Dichloropropane

Concen: 48.442 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

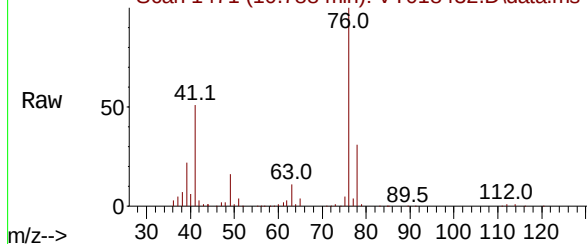
Tgt Ion: 76 Resp: 76367

Ion Ratio Lower Upper

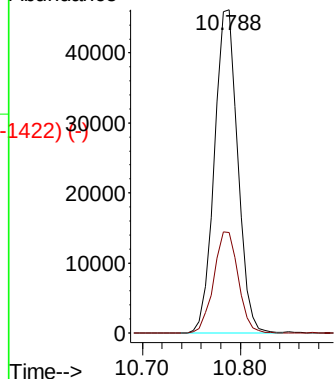
76 100

78 32.6 26.2 39.4

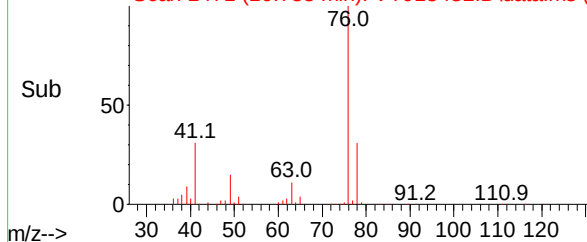
Abundance Scan 1471 (10.788 min): VY018432.D\data.ms



Abundance



Abundance Scan 1471 (10.788 min): VY018432.D\data.ms (-1422) (-)



Abundance Scan 1305 (9.776 min): VY018432.D\data.ms (-1295) (-)

2-Chloroethyl Vinyl ether

Concen: 261.502 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

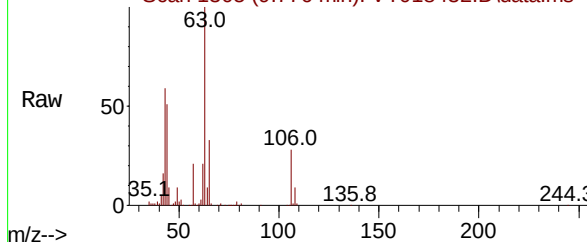
Tgt Ion: 63 Resp: 183505

Ion Ratio Lower Upper

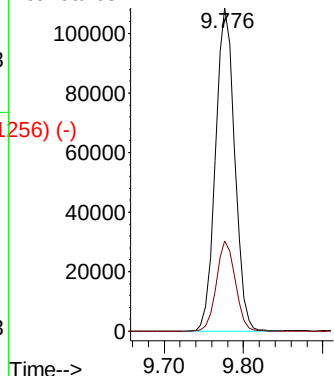
63 100

106 27.3 23.7 35.5

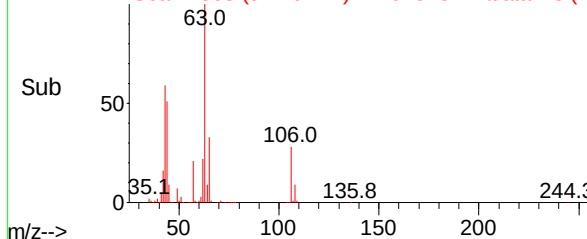
Abundance Scan 1305 (9.776 min): VY018432.D\data.ms

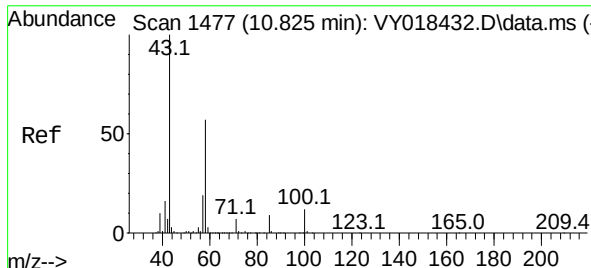


Abundance



Abundance Scan 1305 (9.776 min): VY018432.D\data.ms (-1256) (-)

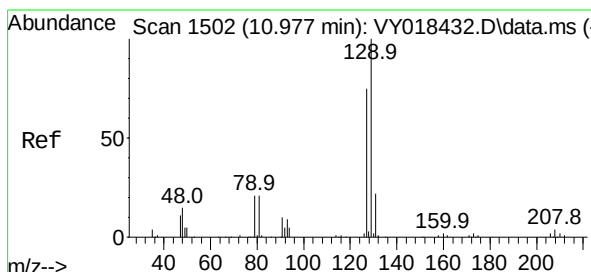
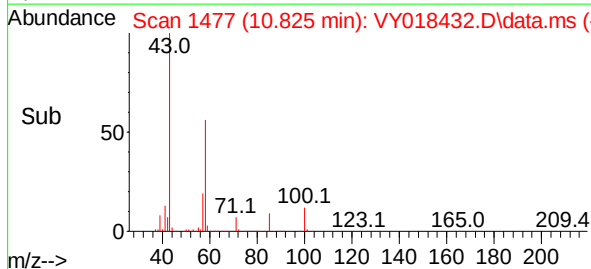
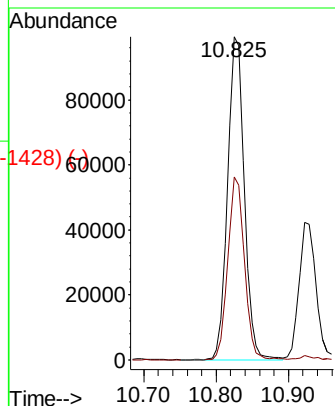
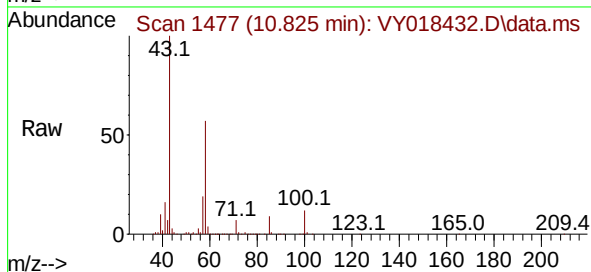




2-Hexanone
Concen: 259.380 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

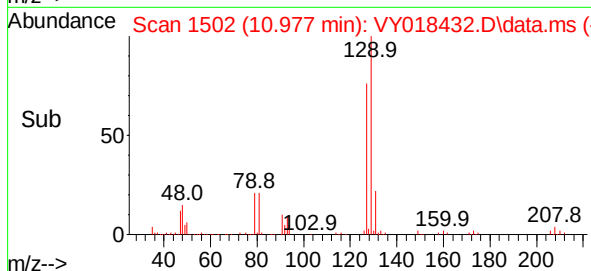
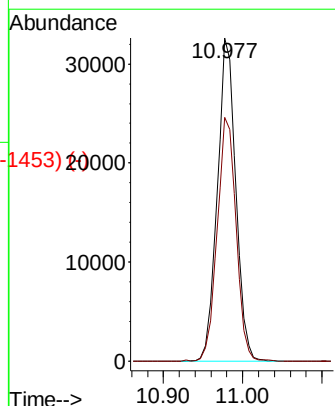
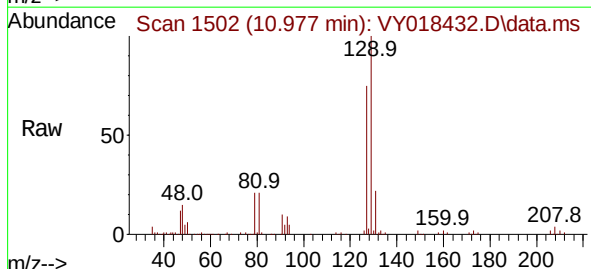
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

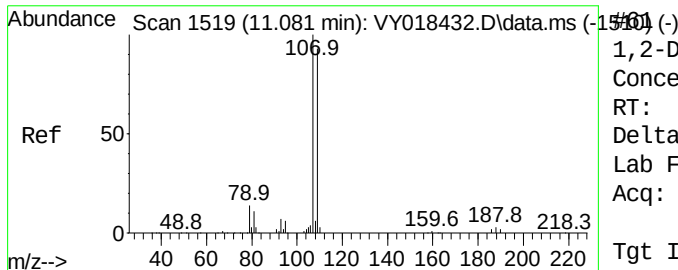
Tgt Ion: 43 Resp: 157954
Ion Ratio Lower Upper
43 100
58 56.0 31.4 94.0



Dibromochloromethane
Concen: 46.648 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:129 Resp: 52922
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





1,2-Dibromoethane

Concen: 47.155 ug/l

RT: 11.081 min Scan#

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

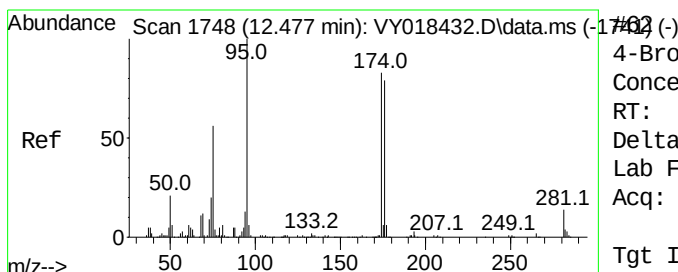
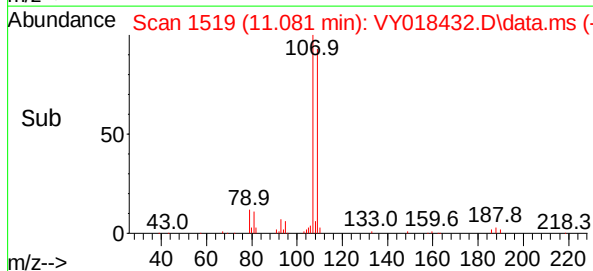
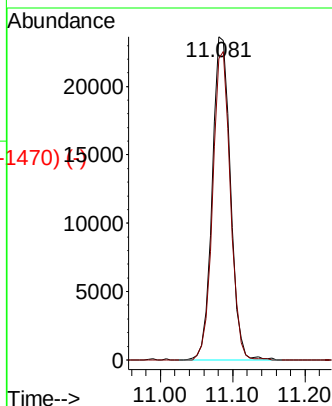
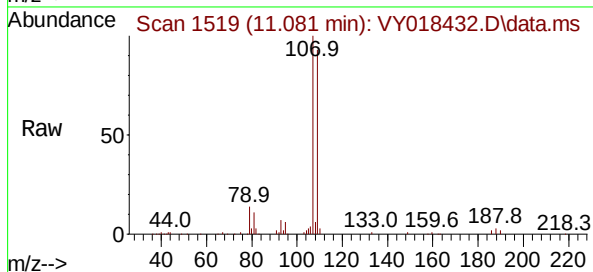
VSTDICCC050

Tgt Ion:107 Resp: 41235

Ion Ratio Lower Upper

107 100

109 92.8 75.9 113.9



4-Bromofluorobenzene

Concen: 47.780 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

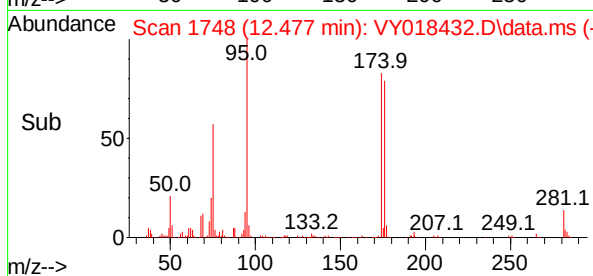
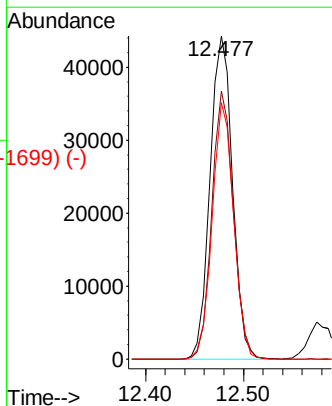
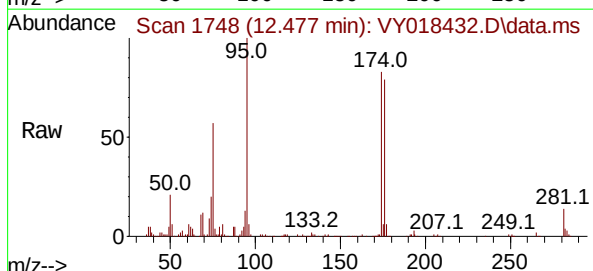
Tgt Ion: 95 Resp: 70519

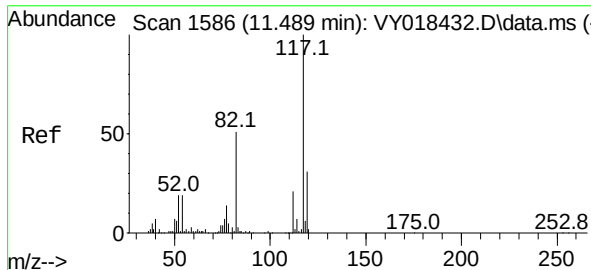
Ion Ratio Lower Upper

95 100

174 79.7 0.0 175.6

176 75.9 0.0 171.4

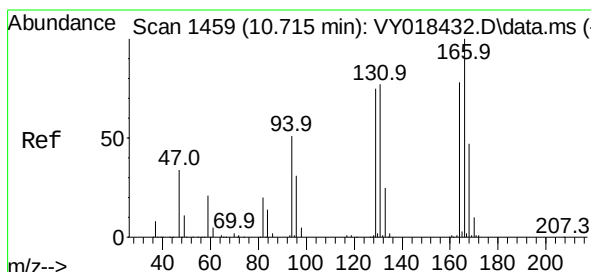
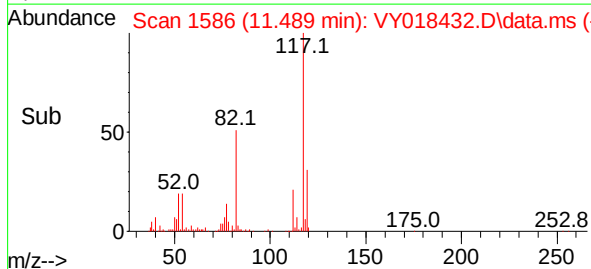
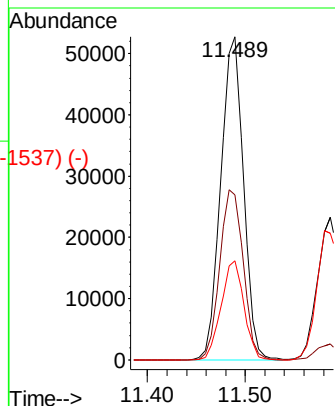
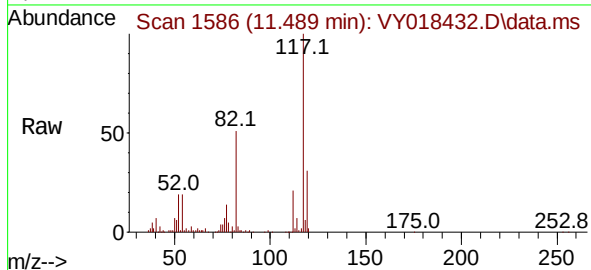




#63 (-)
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

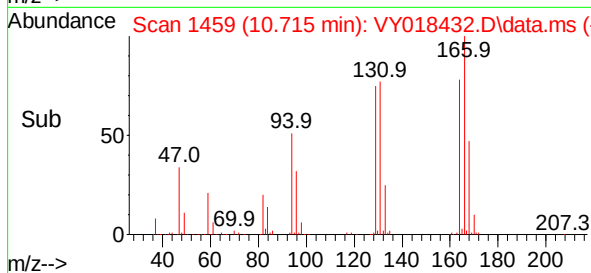
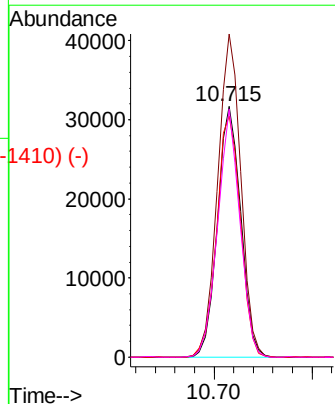
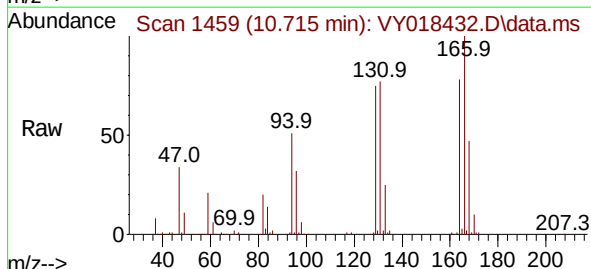
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

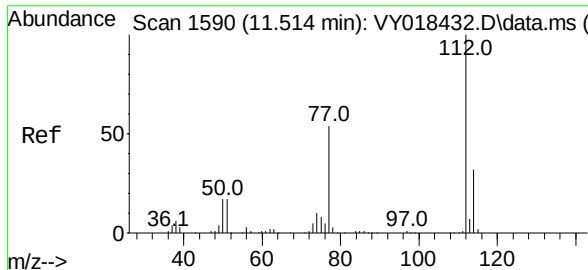
Tgt Ion:	117	Resp:	85009
Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.4	63.6
119	30.7	25.9	38.9



#64 (-)
Tetrachloroethene
Concen: 41.967 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	164	Resp:	52550
Ion	Ratio	Lower	Upper
164	100		
166	128.8	102.6	154.0
129	96.2	72.0	108.0
131	98.9	70.0	105.0

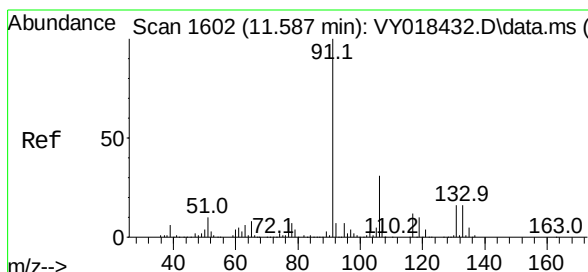
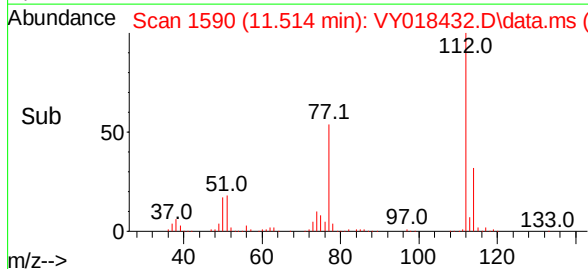
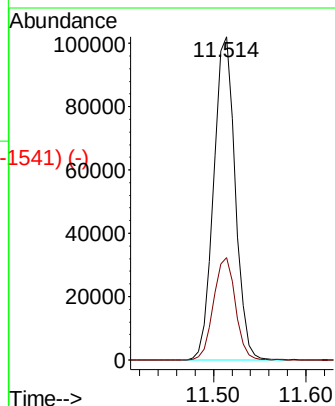
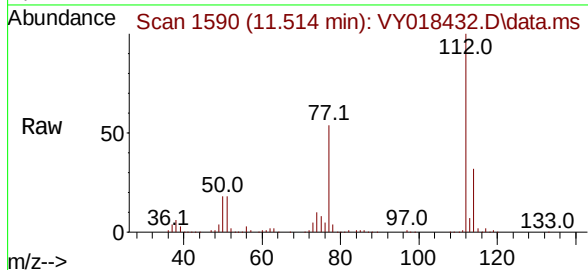




#65 (-)
Chlorobenzene
Concen: 45.084 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

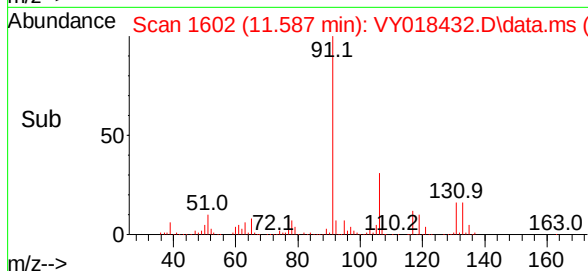
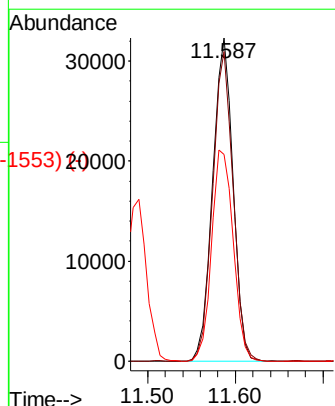
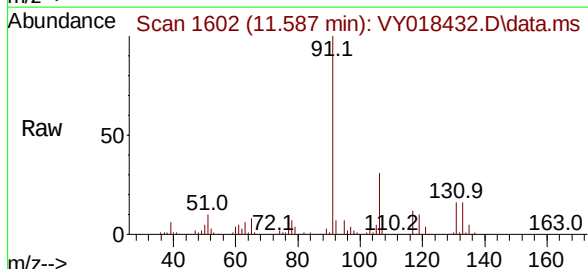
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

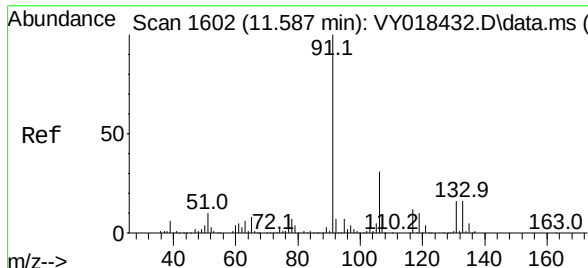
Tgt Ion:112 Resp: 164355
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66 (-)
1,1,1,2-Tetrachloroethane
Concen: 44.388 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:131 Resp: 52324
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 69.1 34.1 102.2

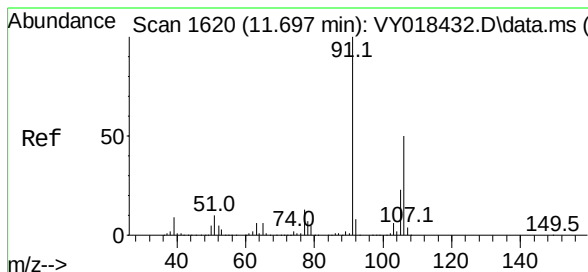
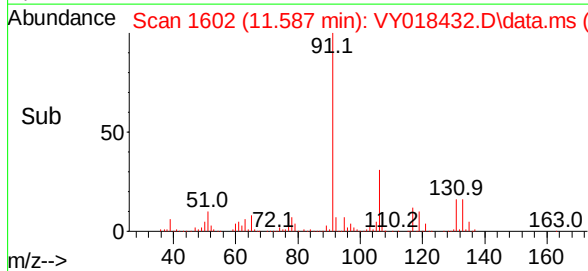
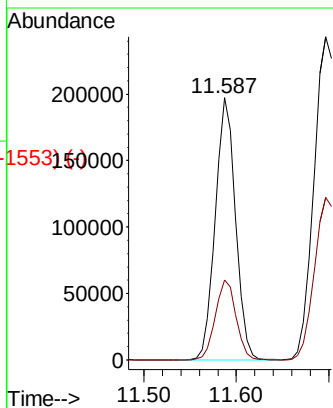
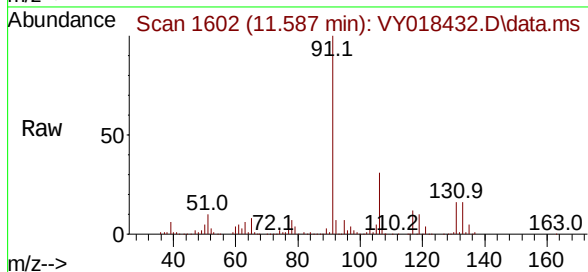




Ethyl Benzene
 Concen: 45.066 ug/l
 RT: 11.587 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

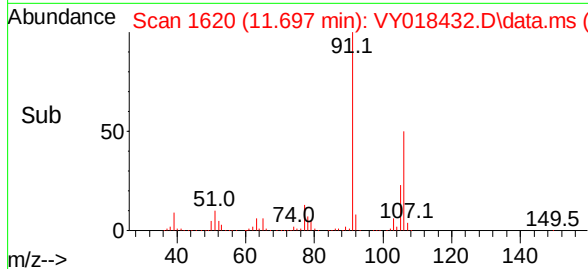
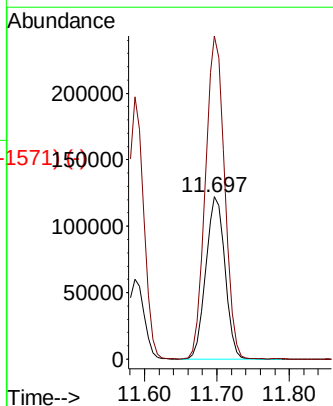
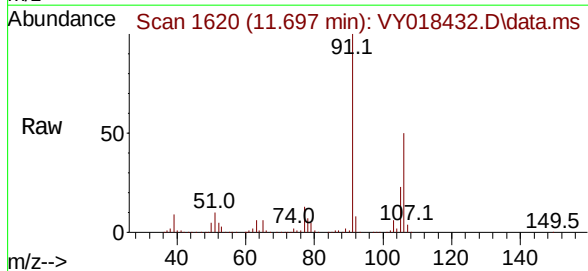
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

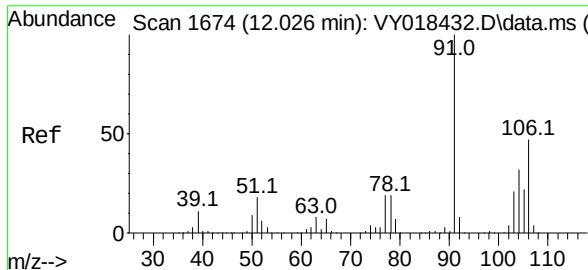
Tgt Ion: 91 Resp: 299030
 Ion Ratio Lower Upper
 91 100
 106 30.6 24.5 36.7



m/p-Xylenes
 Concen: 90.767 ug/l
 RT: 11.697 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

Tgt Ion: 106 Resp: 226787
 Ion Ratio Lower Upper
 106 100
 91 199.0 156.0 234.0

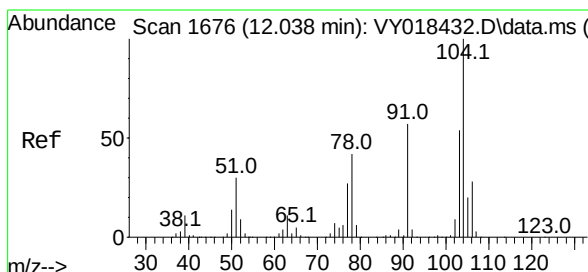
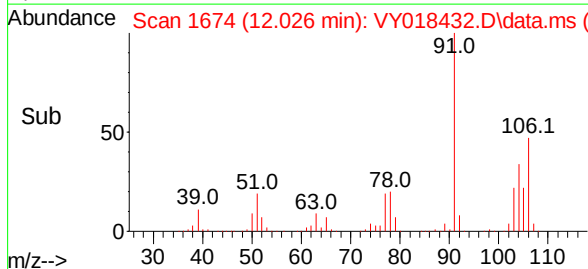
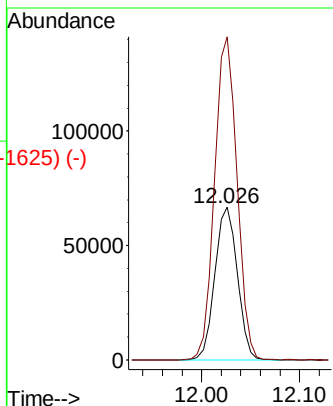
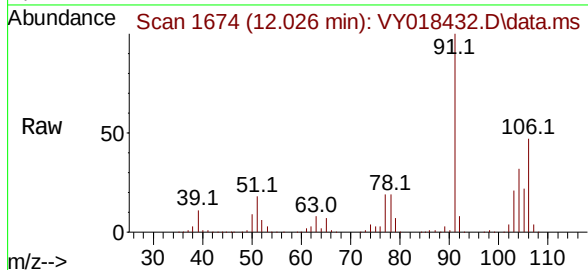




Scan 1674 (12.026 min): VY018432.D\data.ms (-1669) (-)
 o-Xylene
 Concen: 44.161 ug/l
 RT: 12.026 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

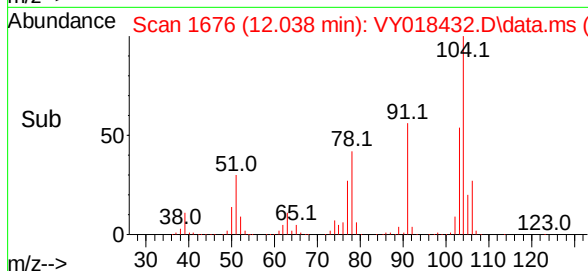
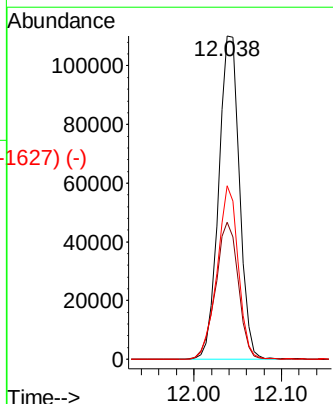
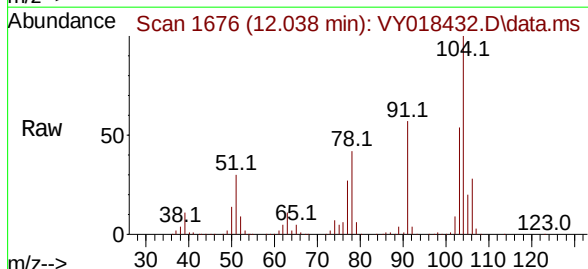
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

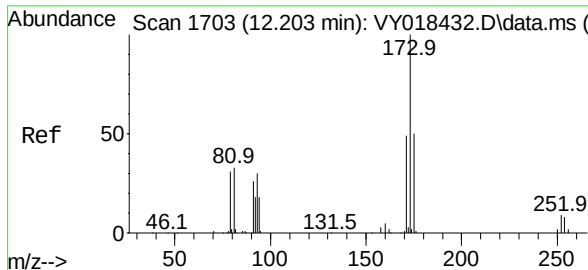
Tgt Ion:106 Resp: 106216
 Ion Ratio Lower Upper
 106 100
 91 211.5 103.6 310.8



Scan 1676 (12.038 min): VY018432.D\data.ms (-1679) (-)
 Styrene
 Concen: 46.166 ug/l
 RT: 12.038 min Scan# 1676
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

Tgt Ion:104 Resp: 181422
 Ion Ratio Lower Upper
 104 100
 78 46.2 37.0 55.4
 103 54.6 44.2 66.2

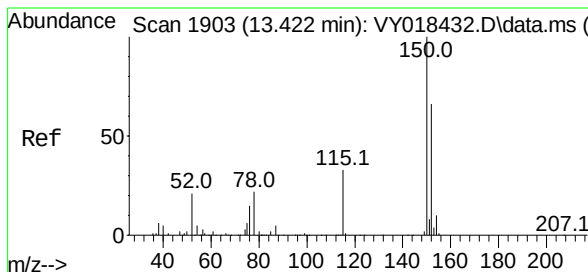
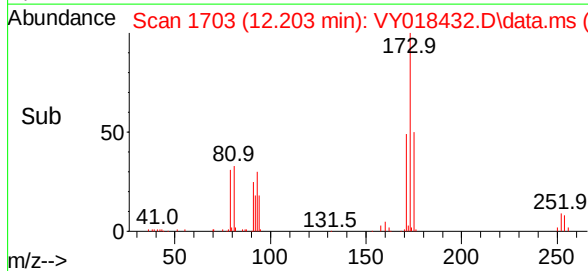
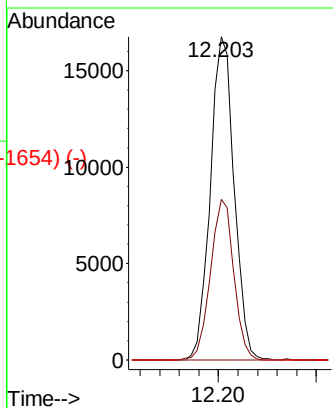
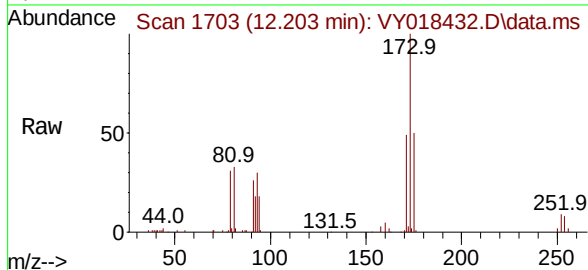




Bromoform
Concen: 45.491 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

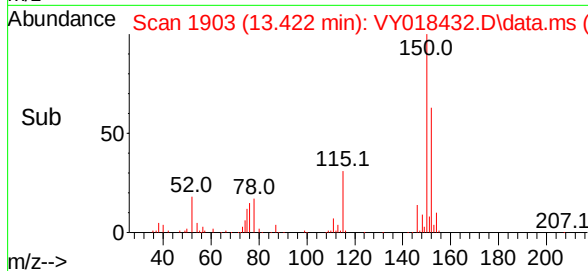
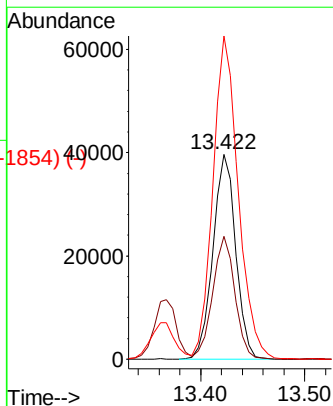
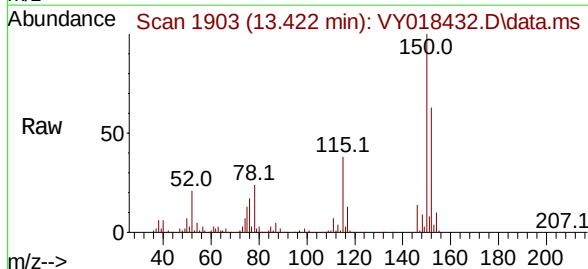
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	173	Resp:	28250
Ion	Ratio	Lower	Upper
173	100		
175	48.5	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: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	152	Resp:	60496
Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	175.6	0.0	345.6



Abundance Scan 1723 (12.325 min): VY018432.D\data.ms (-1753 (-)

Isopropylbenzene

Concen: 45.181 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 282054

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1

Abundance Scan 1723 (12.325 min): VY018432.D\data.ms

Ref 50

105.1

120.1

38.0 51.1 64.0 77.0 91.1

m/z-->

30 40 50 60 70 80 90 100 110 120

Abundance Scan 1723 (12.325 min): VY018432.D\data.ms (-1674 (-)

Sub 50

105.1

120.1

41.0 59.1 79.1

m/z-->

30 40 50 60 70 80 90 100 110 120

Abundance

12.325

150000

100000

50000

0

Time-->

12.30 12.40

Abundance Scan 1693 (12.142 min): VY018432.D\data.ms (-1664 (-)

N-amil acetate

Concen: 47.385 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Tgt Ion: 43 Resp: 72005

Ion Ratio Lower Upper

43 100

70 44.9 41.4 62.2

55 22.8 23.3 34.9#

61 24.9 22.6 33.8

Abundance Scan 1693 (12.142 min): VY018432.D\data.ms

Ref 50

43.0

70.1

55.1

87.1 101.1

m/z-->

30 40 50 60 70 80 90 100 110

Abundance Scan 1693 (12.142 min): VY018432.D\data.ms (-1644 (-)

Sub 50

43.0

70.1

55.1

87.1 101.1

m/z-->

30 40 50 60 70 80 90 100 110

Abundance

12.142

40000

30000

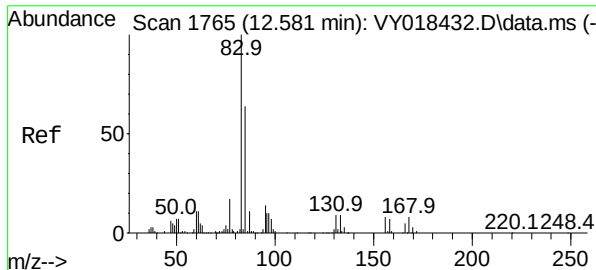
20000

10000

0

Time-->

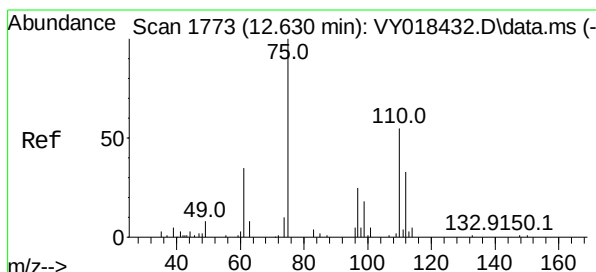
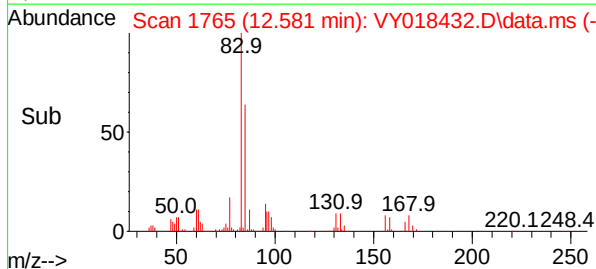
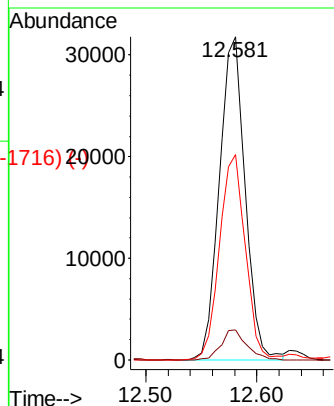
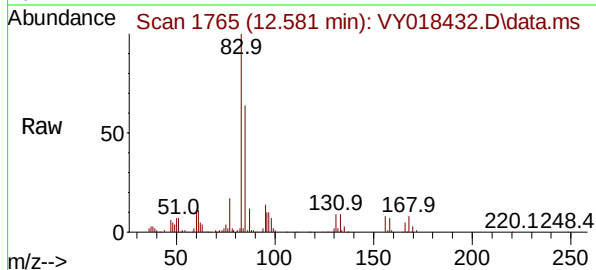
12.10 12.20



1,1,2,2-Tetrachloroethane
Concen: 46.737 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

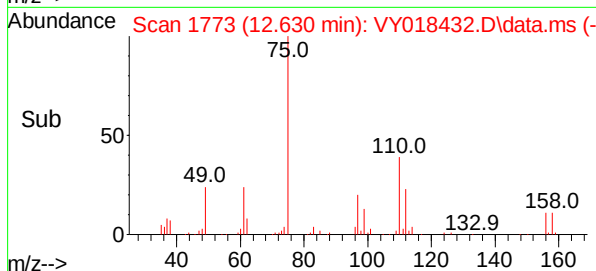
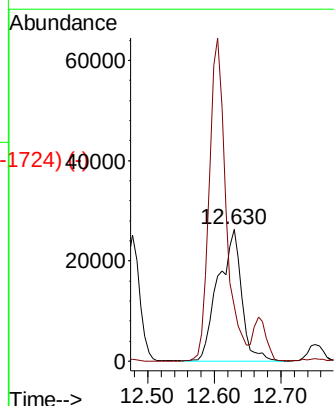
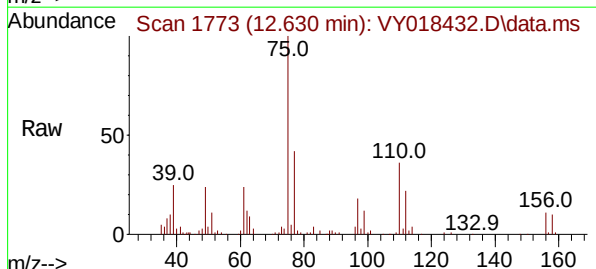
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	83	Resp:	51361
Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.0	14.9
85	63.9	32.0	96.0

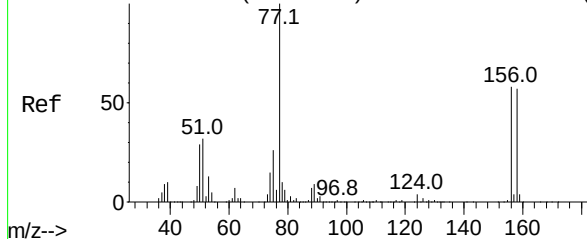


1,2,3-Trichloropropane
Concen: 85.970 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	75	Resp:	64155
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: 45.207 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

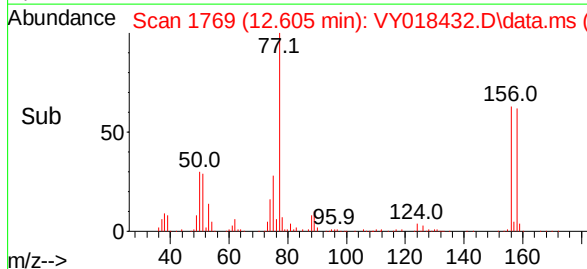
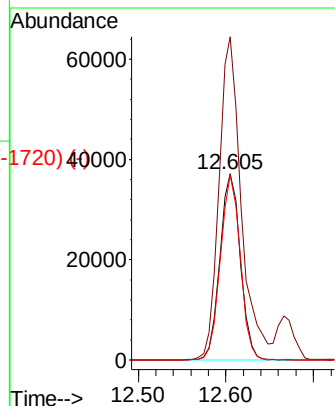
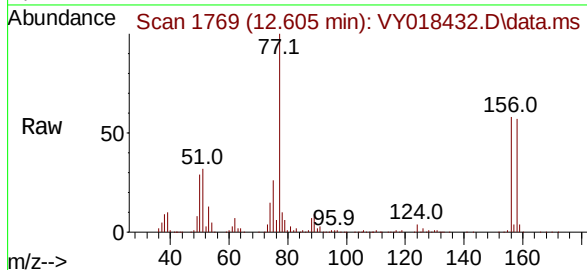
Tgt Ion:156 Resp: 59921

Ion Ratio Lower Upper

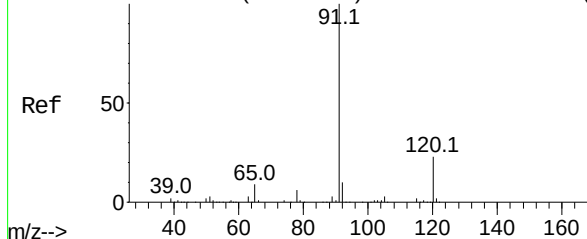
156 100

77 188.8 87.1 261.3

158 96.4 48.6 145.9



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



n-propylbenzene

Concen: 44.443 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018432.D

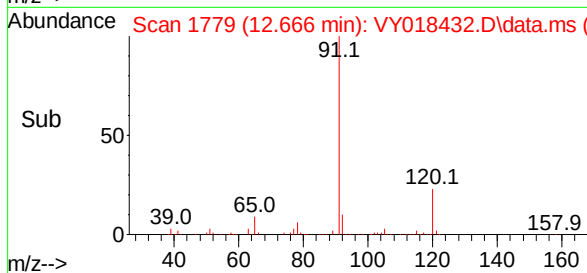
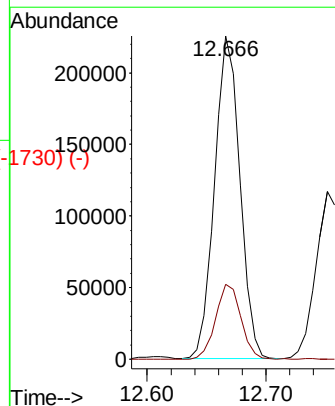
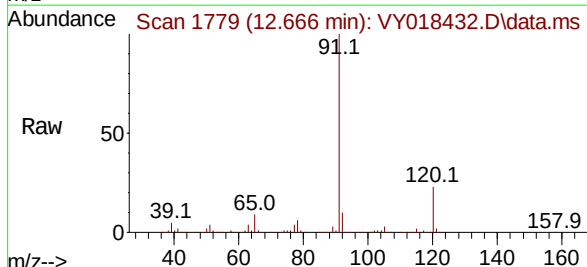
Acq: 03 Jun 2024 11:24

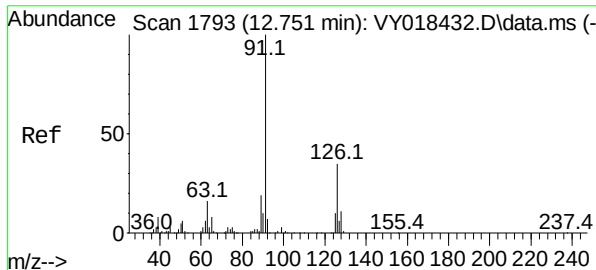
Tgt Ion: 91 Resp: 332993

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

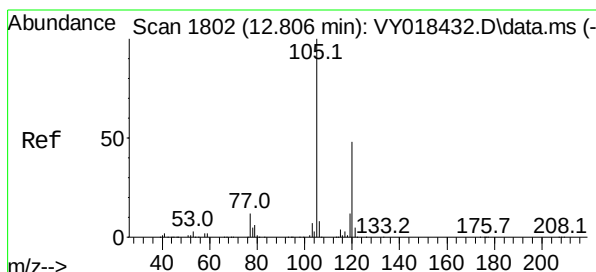
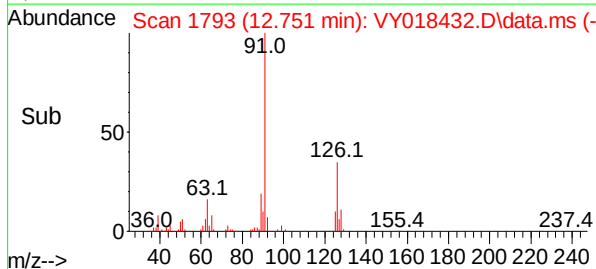
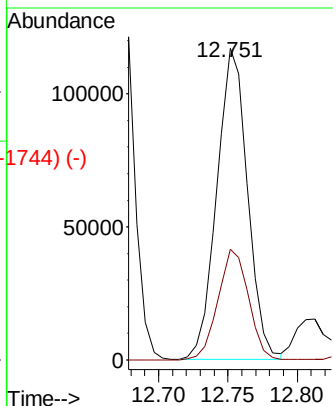
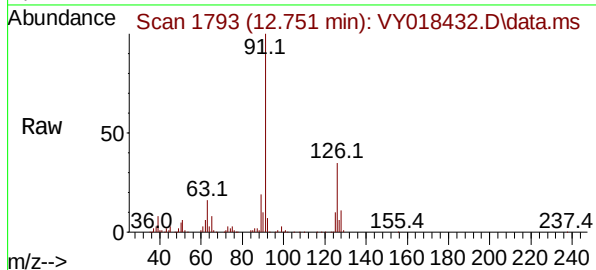




2-Chlorotoluene
Concen: 44.232 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

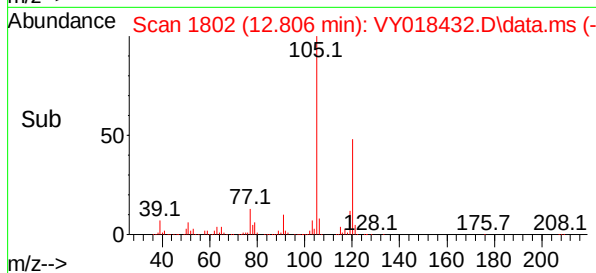
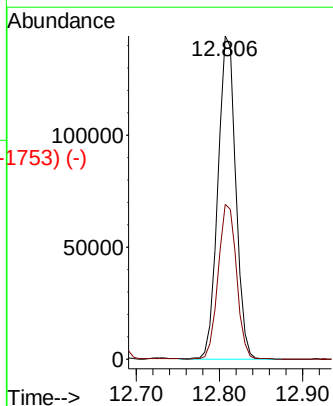
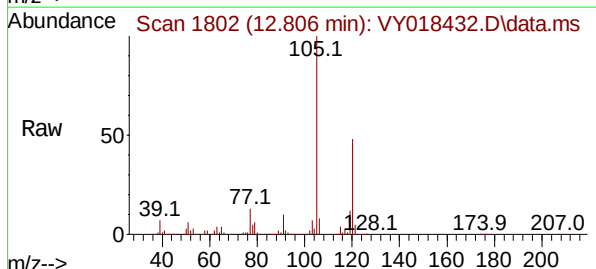
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

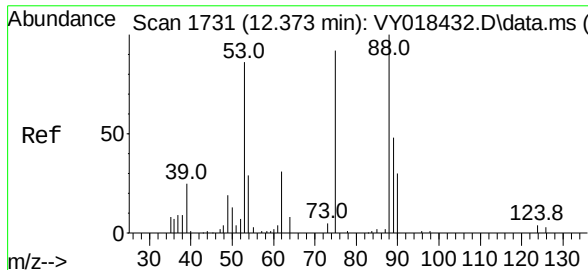
Tgt Ion: 91 Resp: 180170
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.5



1,3,5-Trimethylbenzene
Concen: 44.767 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:105 Resp: 217664
Ion Ratio Lower Upper
105 100
120 49.4 25.1 75.2

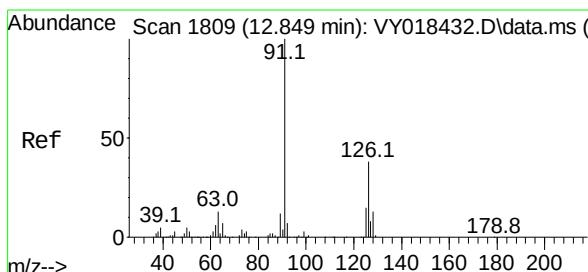
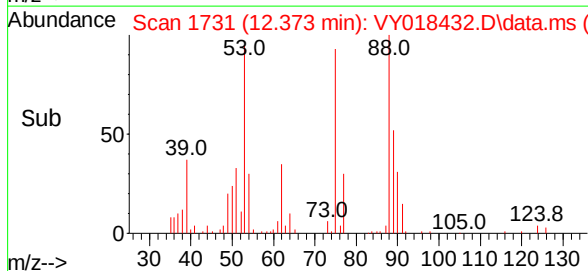
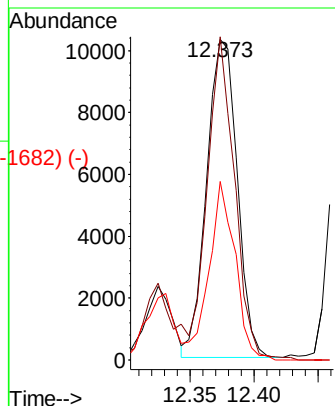
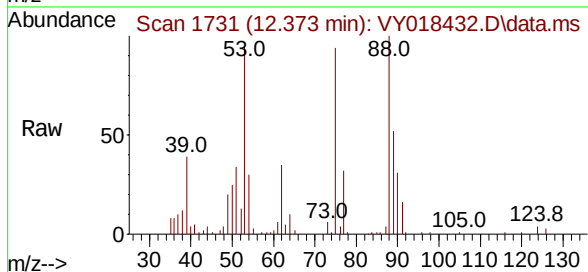




trans-1,4-Dichloro-2-butene
Concen: 47.726 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

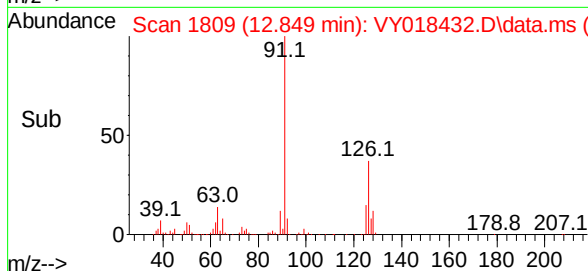
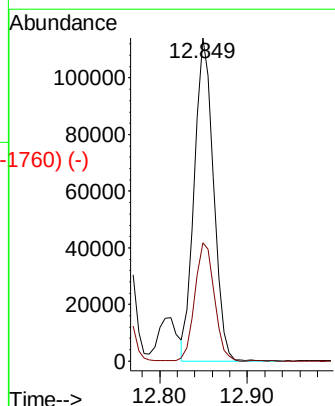
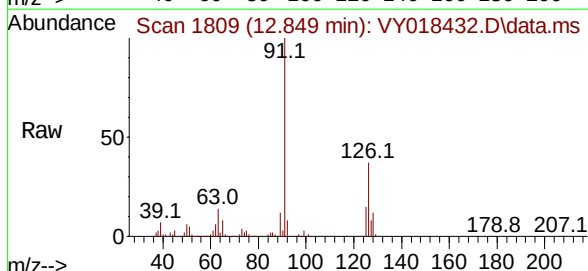
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

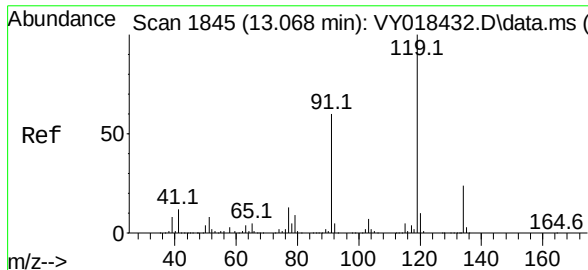
Tgt Ion:	75	Resp:	17041
Ion	Ratio	Lower	Upper
75	100		
53	90.1	66.8	100.2
89	48.3	35.8	53.6



4-Chlorotoluene
Concen: 42.408 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	91	Resp:	173825
Ion	Ratio	Lower	Upper
91	100		
126	37.3	17.6	52.9

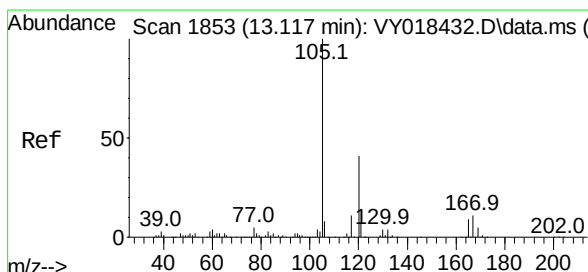
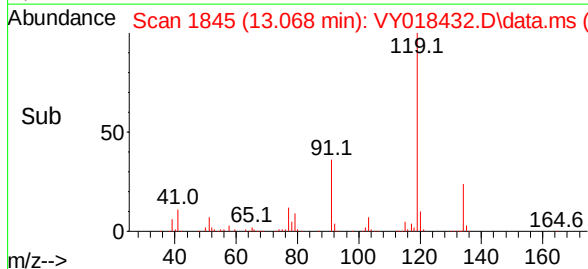
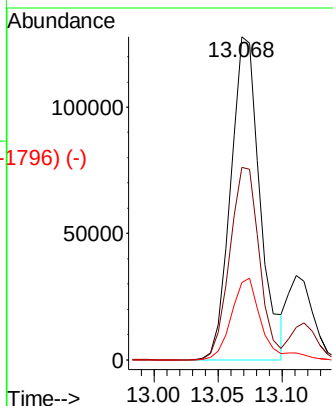
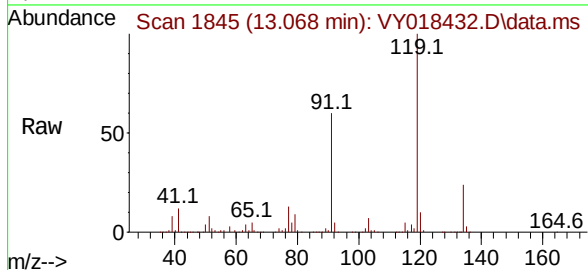




tert-Butylbenzene
Concen: 45.308 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

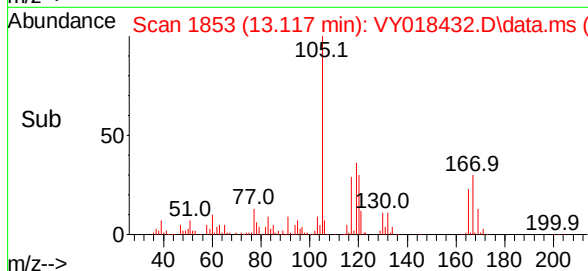
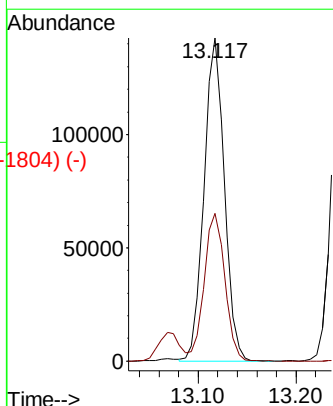
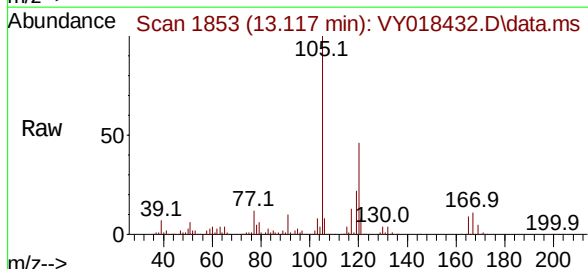
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	119	Resp:	203708
Ion	Ratio	Lower	Upper
119	100		
91	60.3	31.3	93.8
134	26.2	13.4	40.1

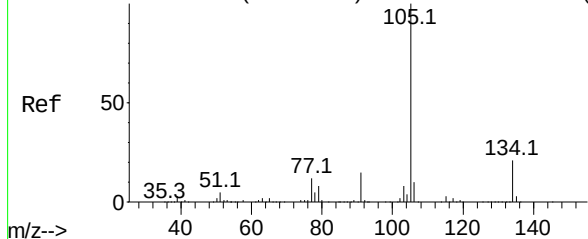


1,2,4-Trimethylbenzene
Concen: 43.149 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	105	Resp:	205396
Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.2	69.6



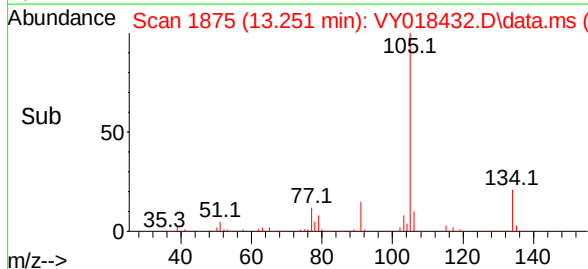
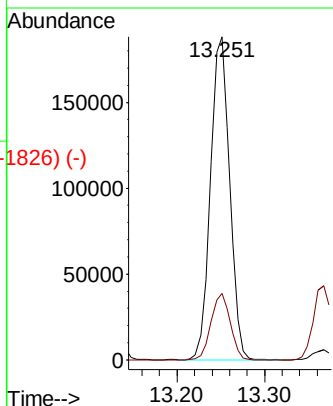
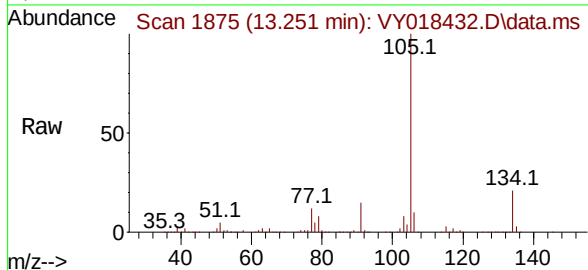
Abundance Scan 1875 (13.251 min): VY018432.D\data.ms (-1885) (-)



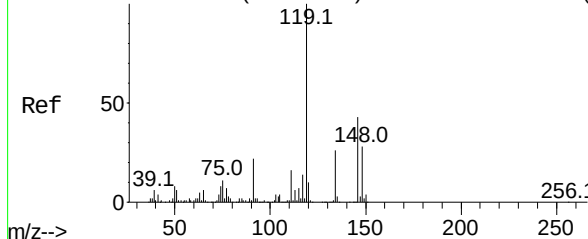
sec-Butylbenzene
Concen: 43.166 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Instrument : MSVOA_Y
ClientSampleId : VSTDICCC050

Tgt Ion:105 Resp: 285820
Ion Ratio Lower Upper
105 100
134 20.6 10.1 30.1

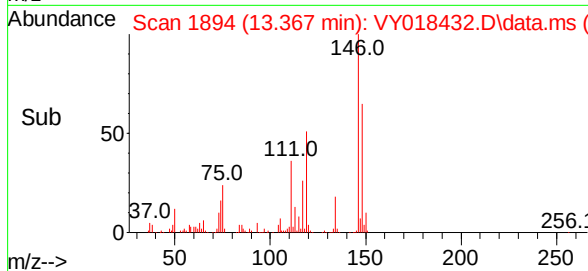
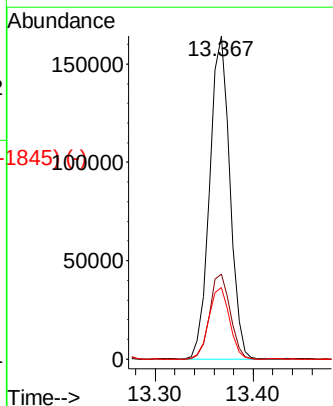
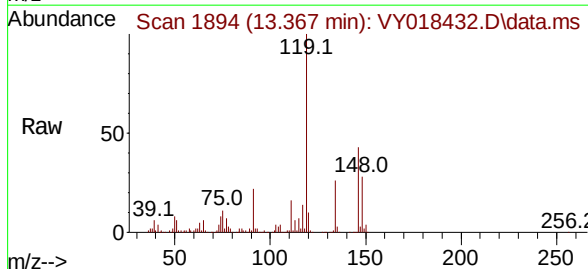


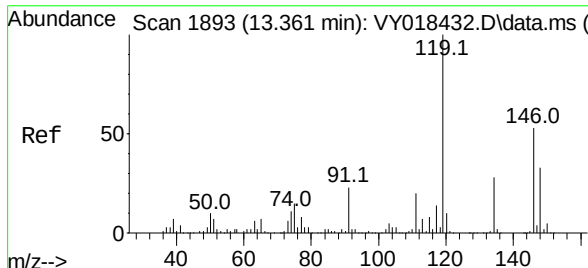
Abundance Scan 1894 (13.367 min): VY018432.D\data.ms (-1886) (-)



p-Isopropyltoluene
Concen: 43.850 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:119 Resp: 234336
Ion Ratio Lower Upper
119 100
134 26.9 13.1 39.3
91 22.8 10.7 32.1

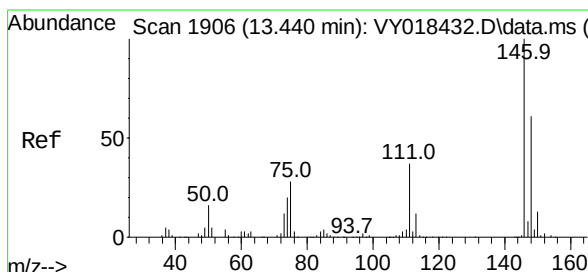
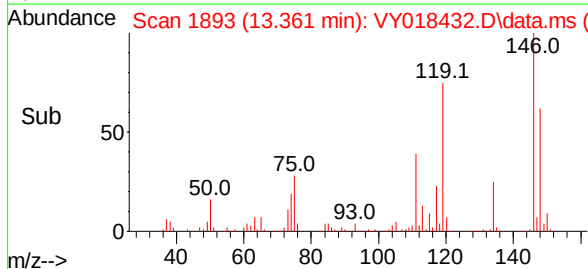
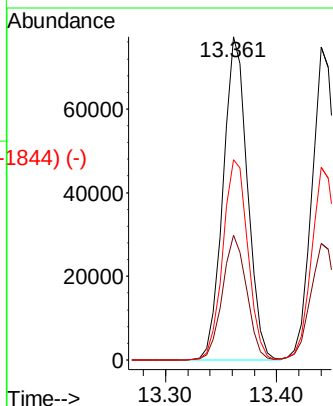
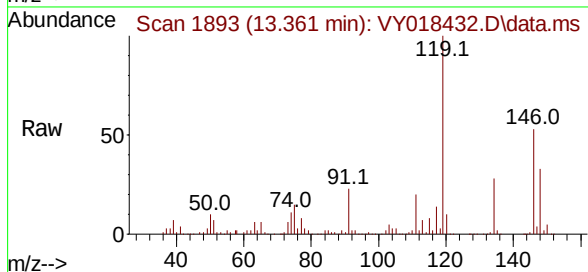




Scan 1893 (13.361 min): VY018432.D\data.ms (-1857) (-)
 1,3-Dichlorobenzene
 Concen: 44.961 ug/l
 RT: 13.361 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

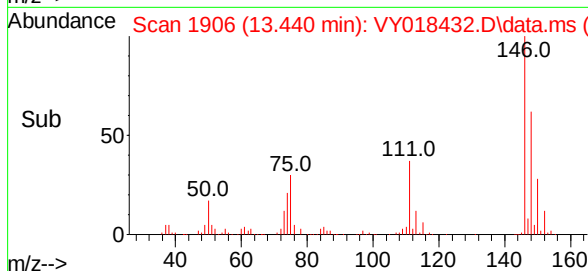
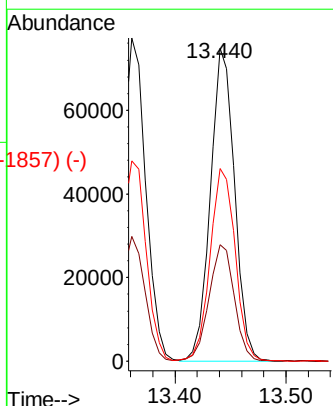
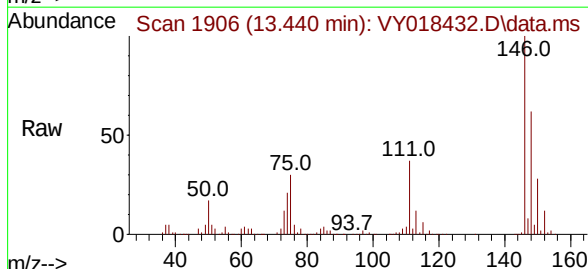
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

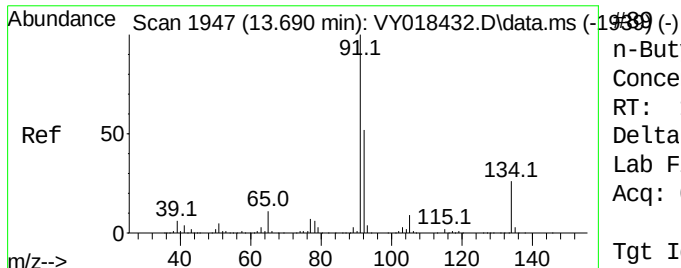
Tgt Ion:	146	Resp:	117555
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	63.5	31.7	95.1



Scan 1906 (13.440 min): VY018432.D\data.ms (-1908) (-)
 1,4-Dichlorobenzene
 Concen: 44.198 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

Tgt Ion:	146	Resp:	113529
Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.4	55.4
148	64.1	32.4	97.2





n-Butylbenzene

Concen: 42.056 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

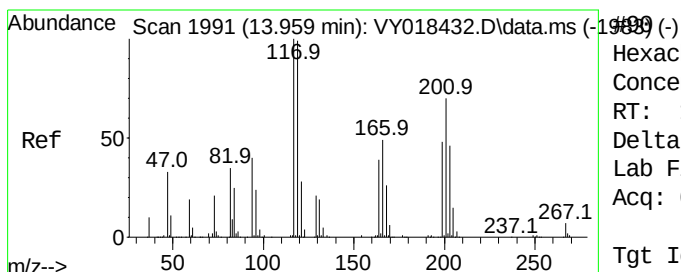
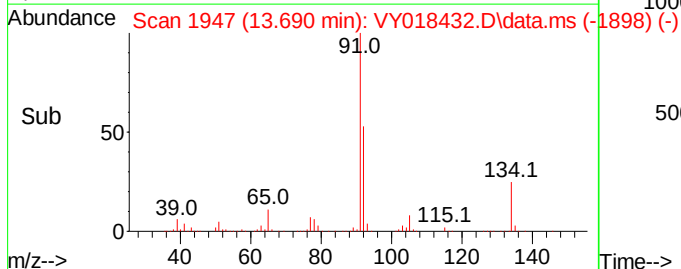
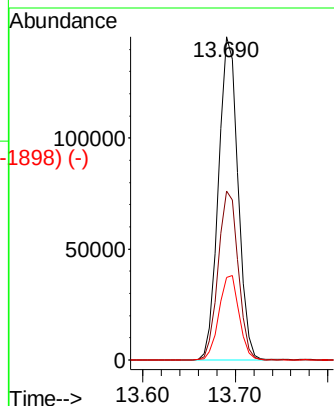
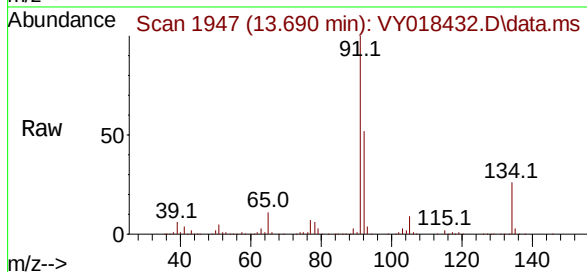
Tgt Ion: 91 Resp: 213570

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 27.0 12.9 38.7



Hexachloroethane

Concen: 42.981 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018432.D

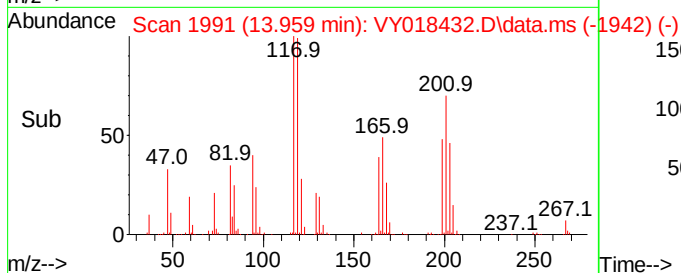
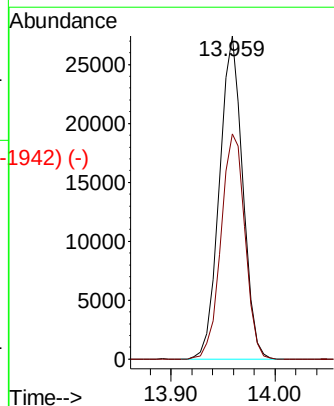
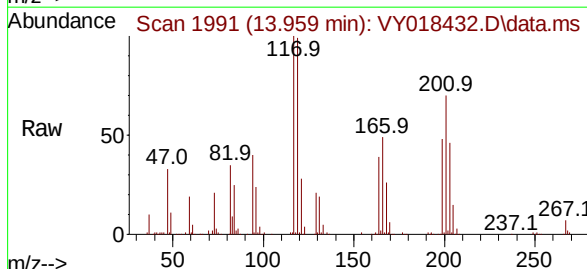
Acq: 03 Jun 2024 11:24

Tgt Ion: 117 Resp: 43052

Ion Ratio Lower Upper

117 100

201 71.9 37.4 112.2



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

1,2-Dichlorobenzene

Concen: 44.737 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 101785

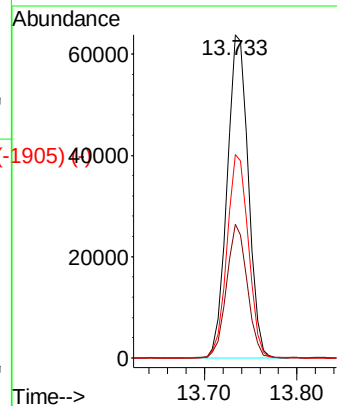
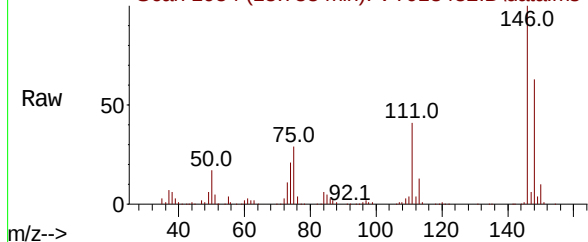
Ion Ratio Lower Upper

146 100

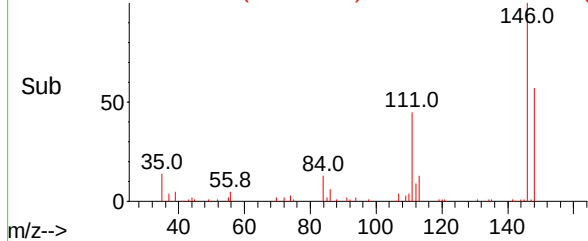
111 40.4 19.9 59.7

148 63.6 31.8 95.4

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



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



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

1,2-Dibromo-3-Chloropropane

Concen: 40.795 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VY018432.D

Acq: 03 Jun 2024 11:24

Tgt Ion: 75 Resp: 6822

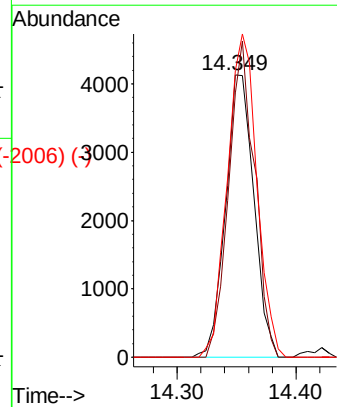
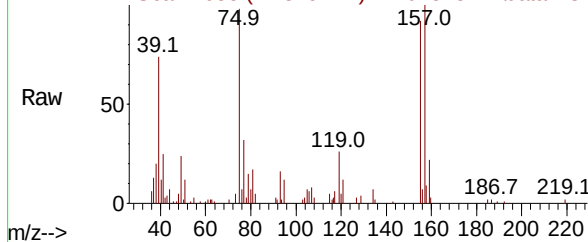
Ion Ratio Lower Upper

75 100

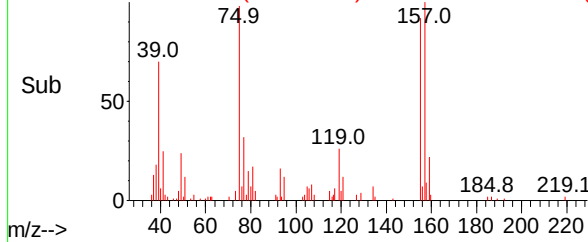
155 102.7 48.6 145.8

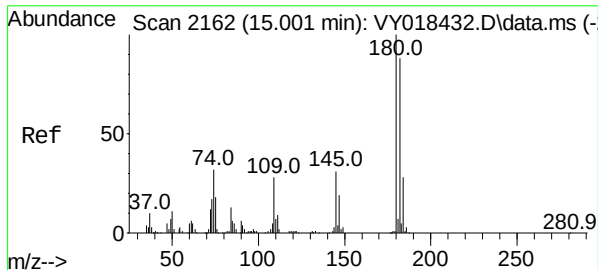
157 119.5 62.7 188.2

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



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

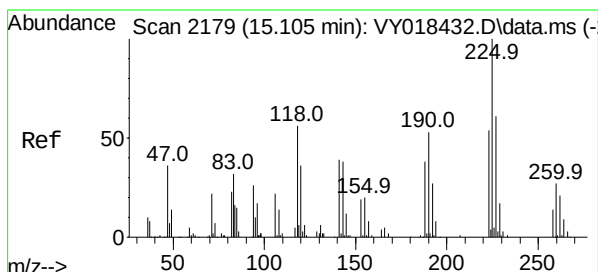
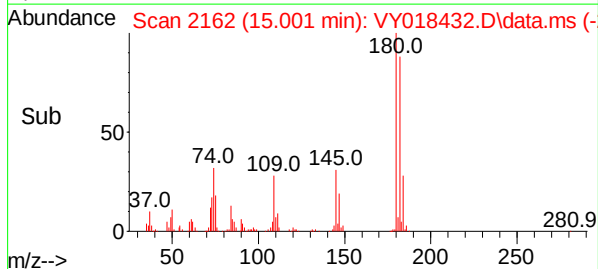
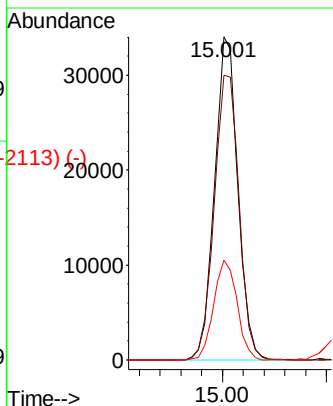
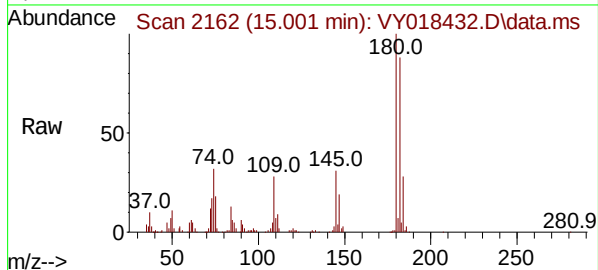




Scan 2162 (15.001 min): VY018432.D\data.ms (-2113) (-)
 1,2,4-Trichlorobenzene
 Concen: 43.145 ug/l
 RT: 15.001 min Scan# 2162
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

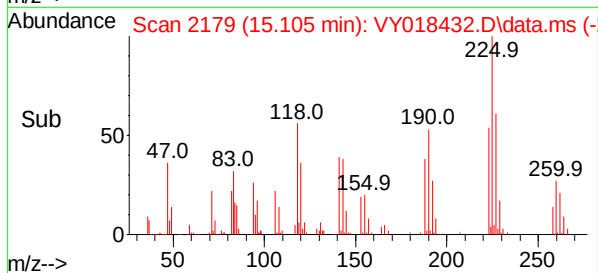
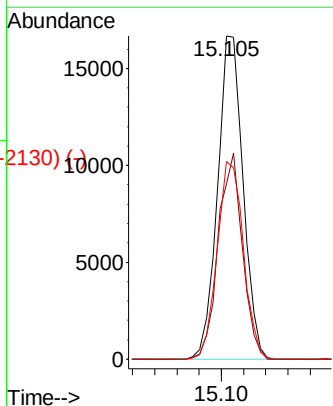
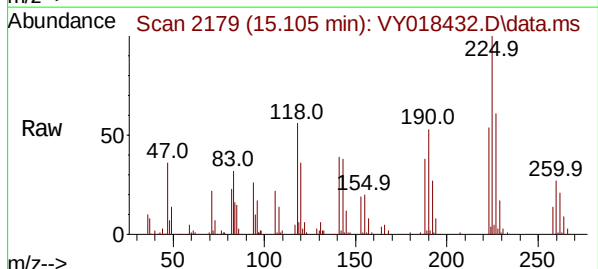
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

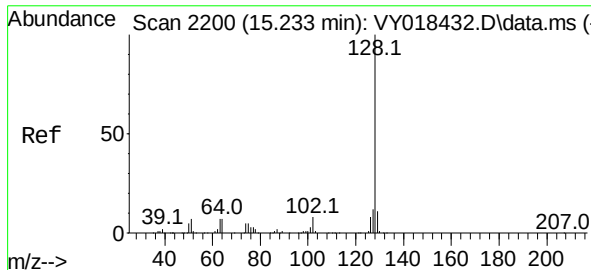
Tgt Ion:	180	Resp:	53090
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.8
145	31.2	14.2	42.6



Scan 2179 (15.105 min): VY018432.D\data.ms (-2130) (-)
 Hexachlorobutadiene
 Concen: 40.787 ug/l
 RT: 15.105 min Scan# 2179
 Delta R.T. 0.000 min
 Lab File: VY018432.D
 Acq: 03 Jun 2024 11:24

Tgt Ion:	225	Resp:	26655
Ion	Ratio	Lower	Upper
225	100		
223	60.5	30.4	91.2
227	62.9	31.9	95.9

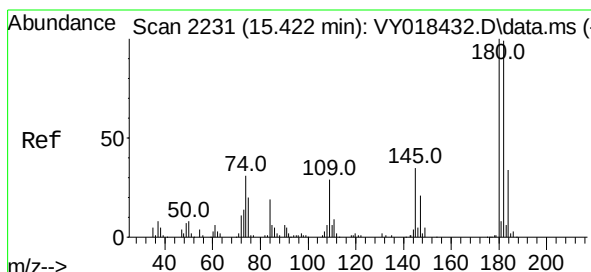
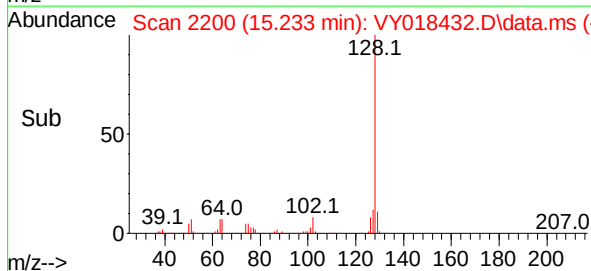
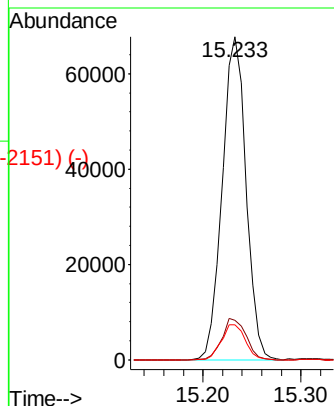
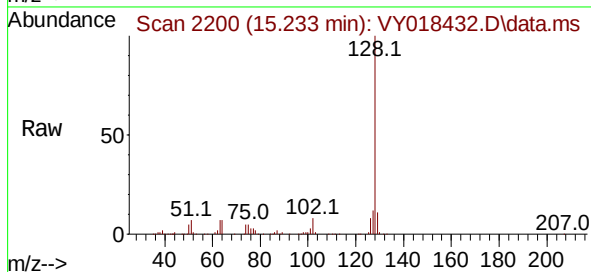




Naphthalene
Concen: 46.280 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tgt Ion:	128	Resp:	114371
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.1	8.6	13.0



1,2,3-Trichlorobenzene
Concen: 43.534 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY018432.D
Acq: 03 Jun 2024 11:24

Tgt Ion:	180	Resp:	45324
Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.6	142.9
145	33.9	15.4	46.1

