

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122818\
 Data File : VX006869.D
 Acq On : 28 Dec 2018 18:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/2/2019 10:47:11 AM

Quant Time: Dec 29 00:44:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	569156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	842477	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	747657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	376511	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	293542	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	5.50	113	269595	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.71	98	982990	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.13	95	347015	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	199572	38.329	ug/l	98
3) Chloromethane	1.33	50	224546	40.029	ug/l	99
4) Vinyl Chloride	1.41	62	255919	43.682	ug/l	98
5) Bromomethane	1.64	94	235469	42.793	ug/l	98
6) Chloroethane	1.71	64	168144	41.449	ug/l	99
7) Trichlorofluoromethane	1.92	101	420652	46.053	ug/l	97
8) Diethyl Ether	2.19	74	173551	47.837	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	243624	45.426	ug/l	99
10) Methyl Iodide	2.51	142	375279	48.883	ug/l	100
11) Tert butyl alcohol	3.08	59	303400	221.627	ug/l	99
12) 1,1-Dichloroethene	2.37	96	230696	45.366	ug/l	97
13) Acrolein	2.29	56	207903	225.122	ug/l	97
14) Allyl chloride	2.73	41	408360	47.707	ug/l	99
15) Acrylonitrile	3.15	53	765267	251.771	ug/l	100
16) Acetone	2.45	43	616525	218.765	ug/l	98
17) Carbon Disulfide	2.57	76	479416	35.625	ug/l	99
18) Methyl Acetate	2.78	43	460079	55.519	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	876459	51.929	ug/l	100
20) Methylene Chloride	2.85	84	271623	46.610	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	244916	43.468	ug/l	98
22) Diisopropyl ether	3.87	45	786668	50.236	ug/l	95
23) Vinyl Acetate	3.82	43	3140442	245.177	ug/l	100
24) 1,1-Dichloroethane	3.70	63	430742	46.079	ug/l	99
25) 2-Butanone	4.70	43	913137	230.348	ug/l	100
26) 2,2-Dichloropropane	4.58	77	290755	40.266	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	289989	46.648	ug/l	99
28) Bromochloromethane	5.02	49	205010	52.104	ug/l	98
29) Tetrahydrofuran	5.15	42	621226	237.934	ug/l	98
30) Chloroform	5.21	83	454621	46.964	ug/l	96
31) Cyclohexane	5.57	56	348517	41.039	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	380793	46.587	ug/l	99
36) 1,1-Dichloropropene	5.80	75	317624	45.520	ug/l	99
37) Ethyl Acetate	4.85	43	365277	50.297	ug/l	98
38) Carbon Tetrachloride	5.78	117	317037	46.752	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	358419	39.017	ug/l	99
40) Benzene	6.14	78	1000101	47.153	ug/l	99
41) Methacrylonitrile	5.06	41	203336	52.735	ug/l	99
42) 1,2-Dichloroethane	6.20	62	345005	47.736	ug/l	99
43) Isopropyl Acetate	6.46	43	586940	53.116	ug/l	99
44) Trichloroethene	7.21	130	293345	45.696	ug/l	97
45) 1,2-Dichloropropane	7.52	63	261566	50.678	ug/l	98
46) Dibromomethane	7.66	93	179459	47.270	ug/l	96
47) Bromodichloromethane	7.90	83	309401	49.088	ug/l	99
48) Methyl methacrylate	7.77	41	299508	53.300	ug/l	97
49) 1,4-Dioxane	7.75	88	118700	803.428	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1818461	258.639	ug/l	99
52) Toluene	8.78	92	641666	46.829	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	347180	51.359	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	382865	51.618	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	278328	49.625	ug/l	99
56) Ethyl methacrylate	9.18	69	405393	51.140	ug/l	95
57) 1,3-Dichloropropane	9.37	76	441004	48.872	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1102569	261.658	ug/l	99
59) 2-Hexanone	9.49	43	1340624	249.212	ug/l	99
60) Dibromochloromethane	9.59	129	268502	45.969	ug/l	100
61) 1,2-Dibromoethane	9.67	107	296553	49.739	ug/l	100
64) Tetrachloroethene	9.34	164	276772	46.750	ug/l	95
65) Chlorobenzene	10.14	112	754507	47.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	271640	55.044	ug/l	98
67) Ethyl Benzene	10.25	91	1222388	47.294	ug/l	99
68) m/p-Xylenes	10.36	106	961391	94.263	ug/l	99
69) o-Xylene	10.70	106	473830	47.048	ug/l	97
70) Styrene	10.71	104	770515	48.358	ug/l	99
71) Bromoform	10.86	173	194480	44.253	ug/l #	98
73) Isopropylbenzene	11.02	105	1238304	48.075	ug/l	99
74) N-amyl acetate	10.90	43	525060	56.949	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	400442	52.274	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	366803m	52.422	ug/l	
77) Bromobenzene	11.26	156	344105	49.414	ug/l	99
78) n-propylbenzene	11.36	91	1363394	48.067	ug/l	99
79) 2-Chlorotoluene	11.42	91	806193	46.901	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1010562	47.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100637	44.297	ug/l	97
82) 4-Chlorotoluene	11.51	91	942756	47.814	ug/l	100
83) tert-Butylbenzene	11.77	119	1027235	48.377	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1034310	46.349	ug/l	100
85) sec-Butylbenzene	11.94	105	1180570	45.348	ug/l	100
86) p-Isopropyltoluene	12.07	119	1062270	46.418	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	600041	47.810	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	603284	46.890	ug/l	99
89) n-Butylbenzene	12.38	91	891686	45.784	ug/l	99
90) Hexachloroethane	12.60	117	152179	42.984	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	597625	47.602	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78770	49.696	ug/l	98

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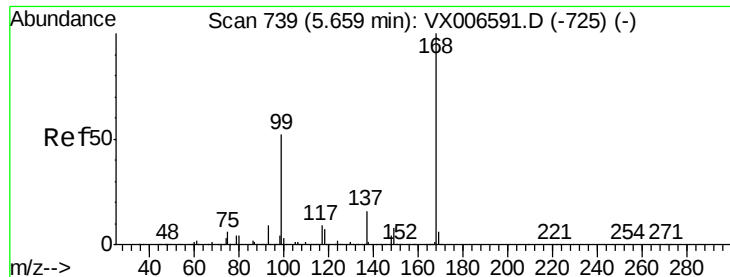
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	400715	46.271	ug/l	99
94) Hexachlorobutadiene	13.78	225	171926	42.119	ug/l	99
95) Naphthalene	13.83	128	1247496	45.133	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	388408	43.438	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 569156

Ion Ratio Lower Upper

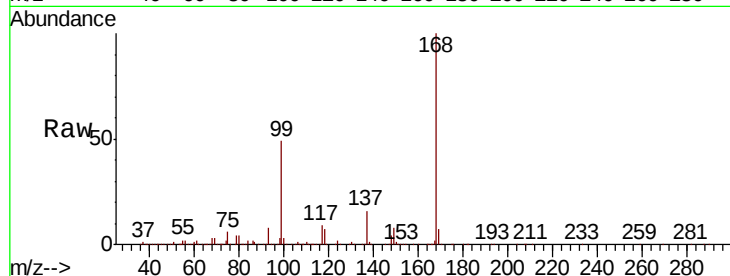
168 100

99 48.5 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

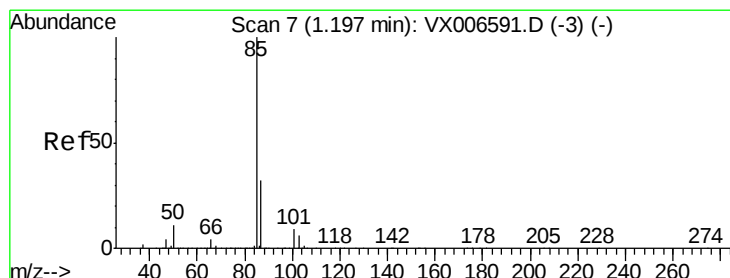
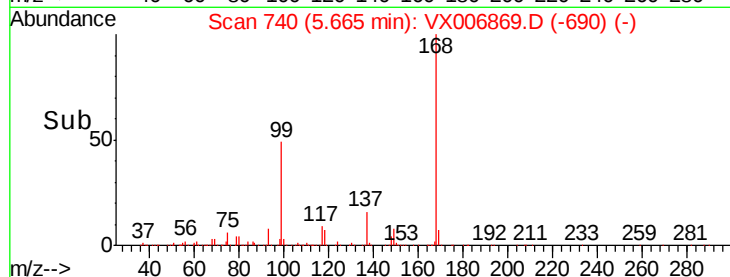
100000

50000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 38.329 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006869.D

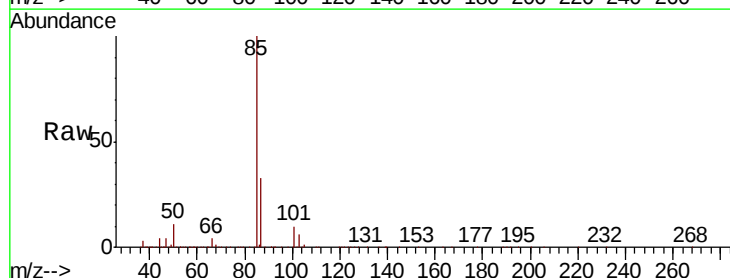
Acq: 28 Dec 2018 18:46

Tgt Ion: 85 Resp: 199572

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

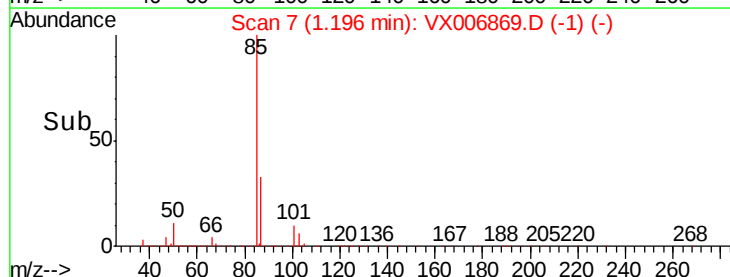
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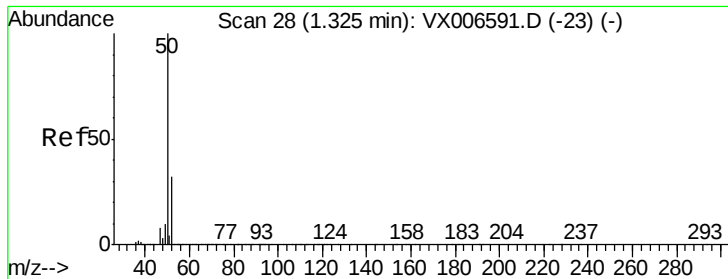
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 40.029 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 224546

Ion Ratio Lower Upper

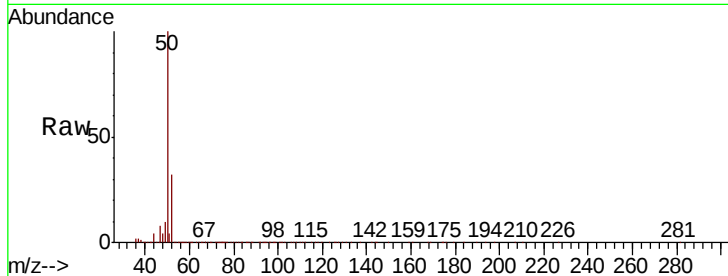
50 100

52 32.3 25.4 38.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

200000

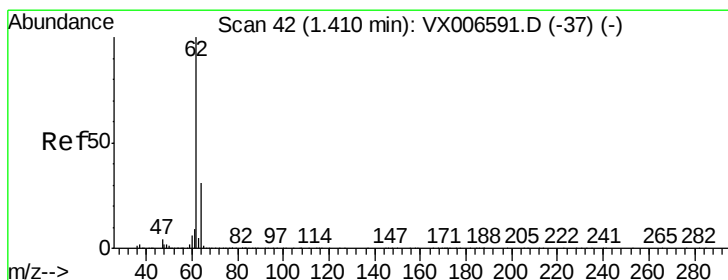
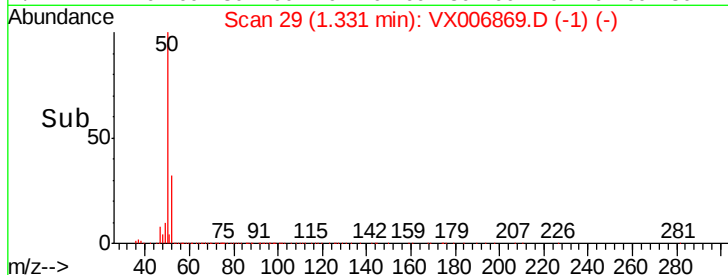
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 43.682 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006869.D

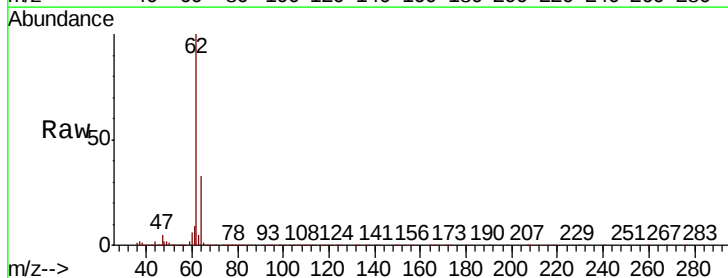
Acq: 28 Dec 2018 18:46

Tgt Ion: 62 Resp: 255919

Ion Ratio Lower Upper

62 100

64 32.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

300000

250000

200000

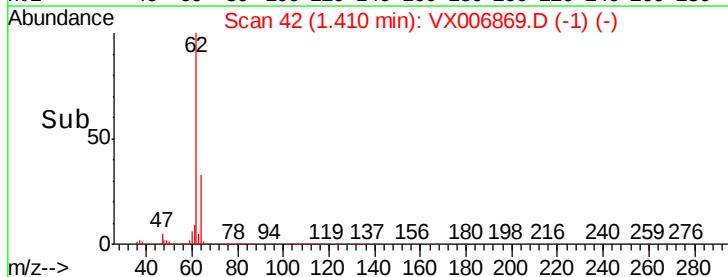
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 42.793 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 235469

Ion Ratio Lower Upper

94 100

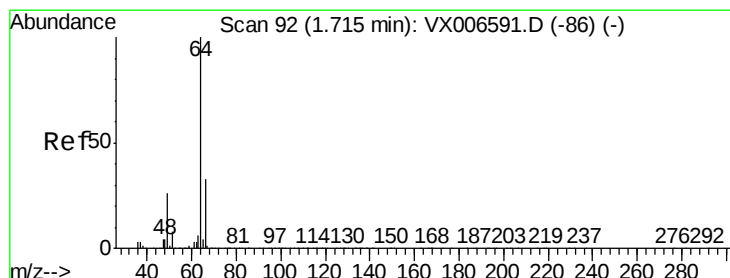
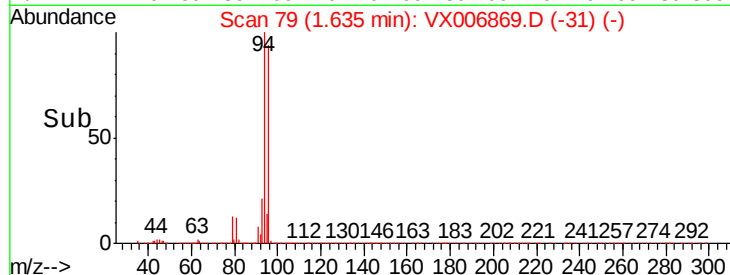
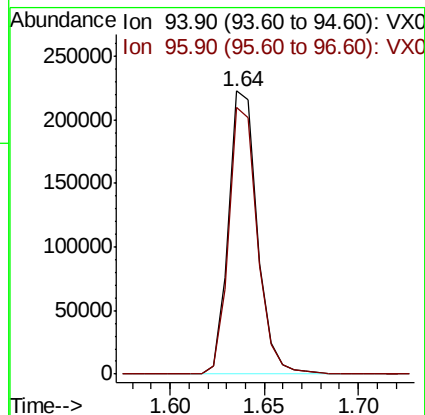
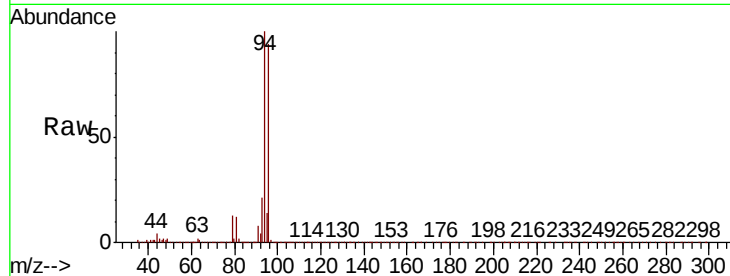
96 94.1 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 41.449 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006869.D

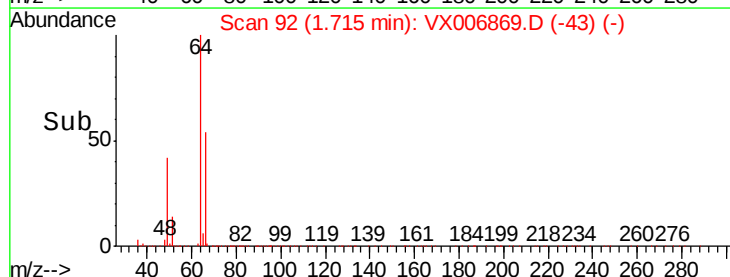
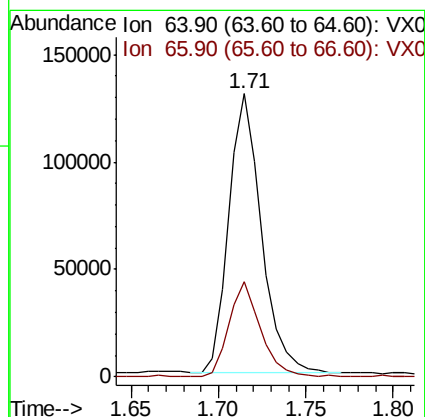
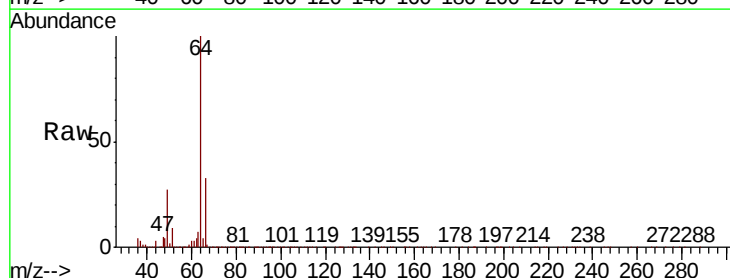
Acq: 28 Dec 2018 18:46

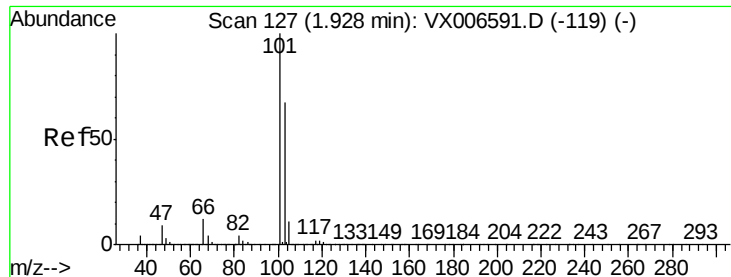
Tgt Ion: 64 Resp: 168144

Ion Ratio Lower Upper

64 100

66 33.7 26.4 39.6





#7

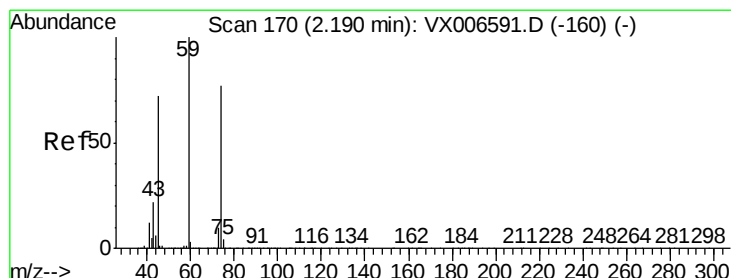
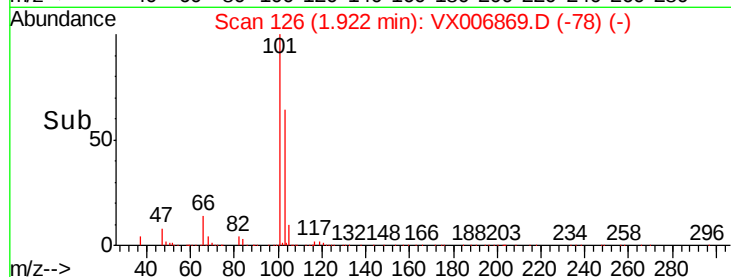
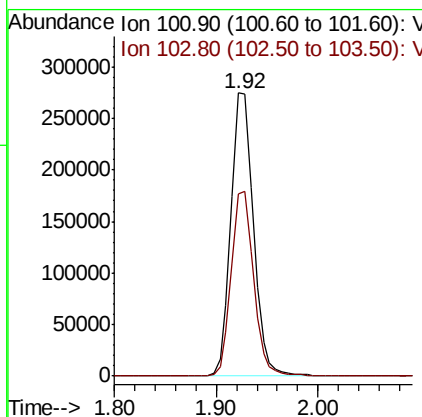
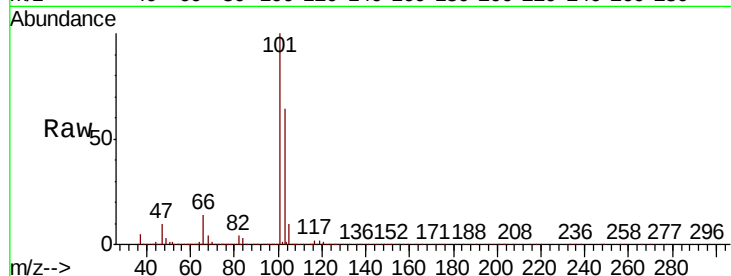
Trichlorofluoromethane
Concen: 46.053 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	53.2	79.8

Manual Integrations
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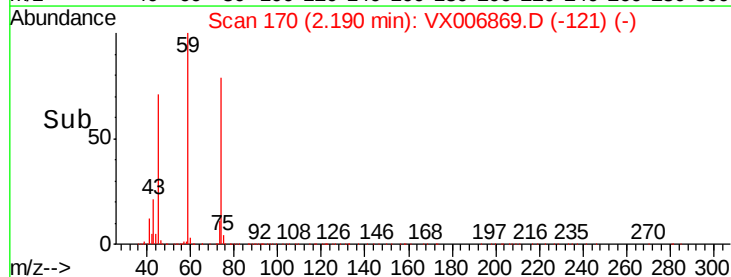
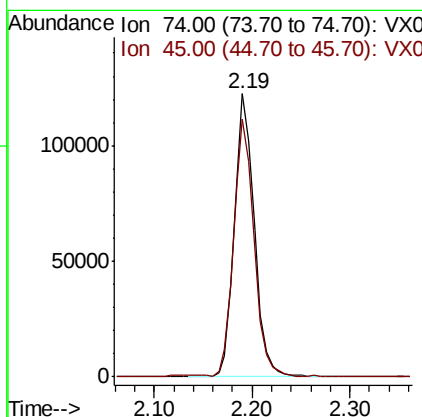
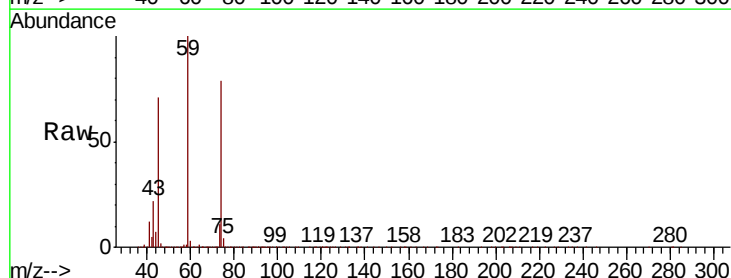
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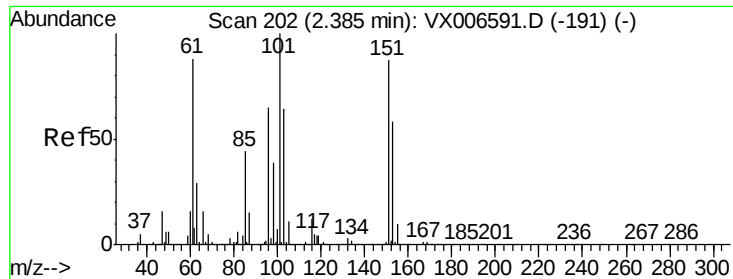


#8

Diethyl Ether
Concen: 47.837 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	46.3	138.9





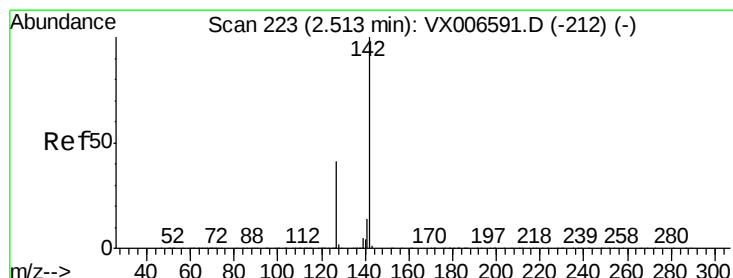
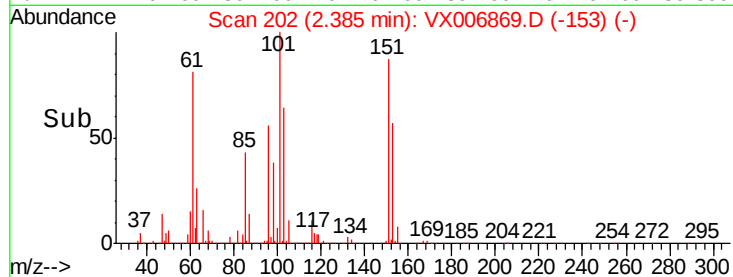
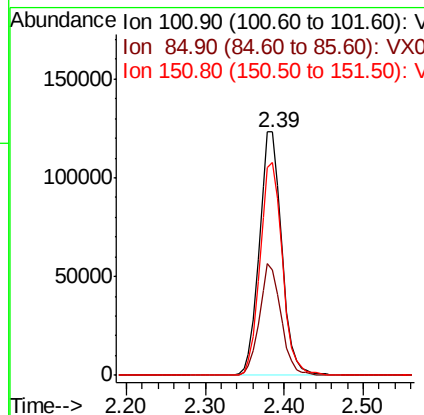
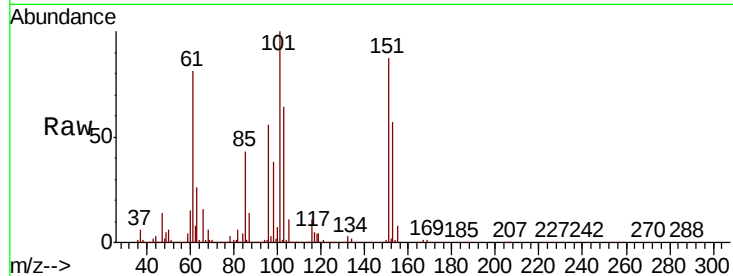
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.426 ug/l
RT: 2.39 min Scan# 202
Delta R.T. -0.00 min
Lab File: VX006869.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	243624		
85	43.9	35.1	52.7	
151	87.4	68.9	103.3	

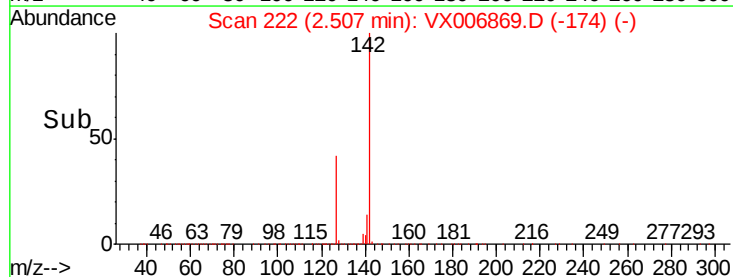
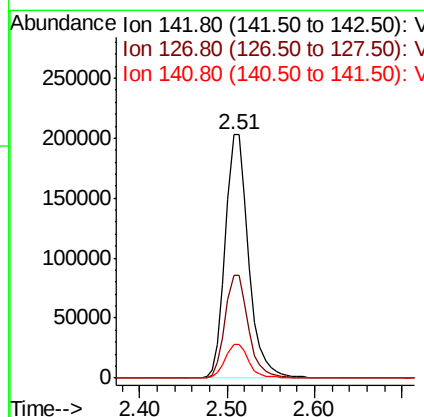
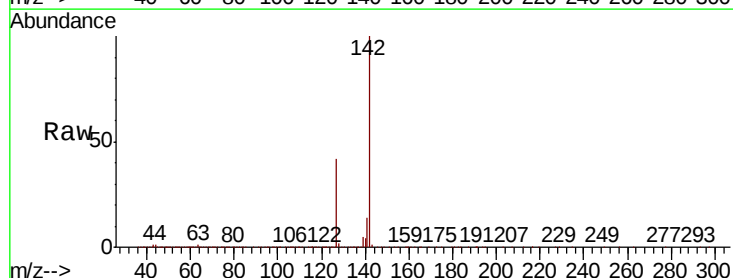
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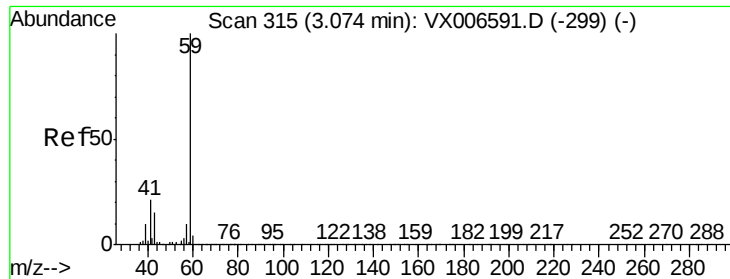
MMDadoda
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#10
Methyl Iodide
Concen: 48.883 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	375279		
127	42.7	33.9	50.9	
141	14.2	11.4	17.0	





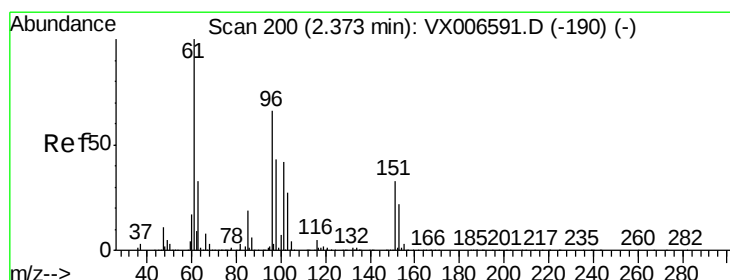
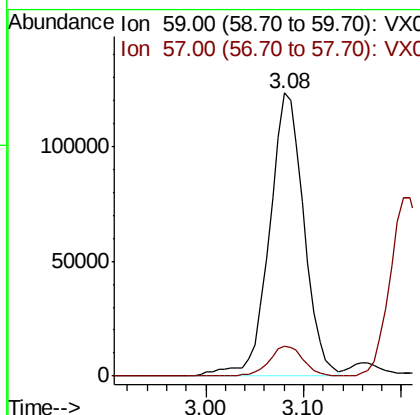
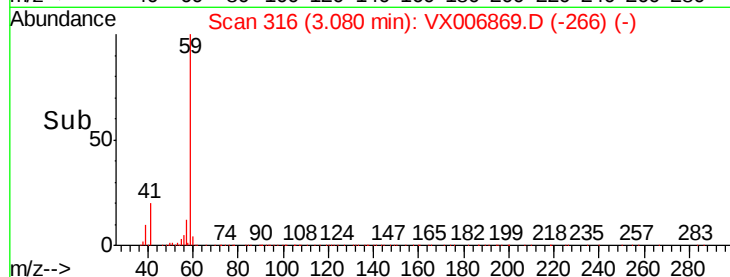
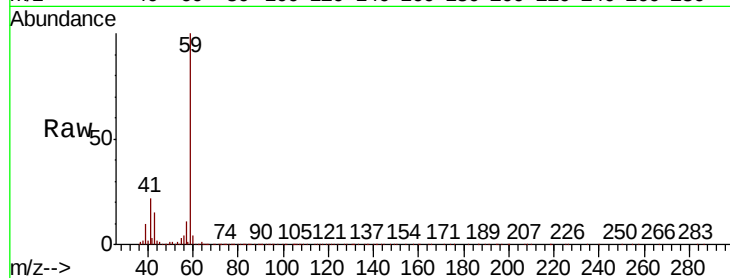
#11
Tert butyl alcohol
Concen: 221.627 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

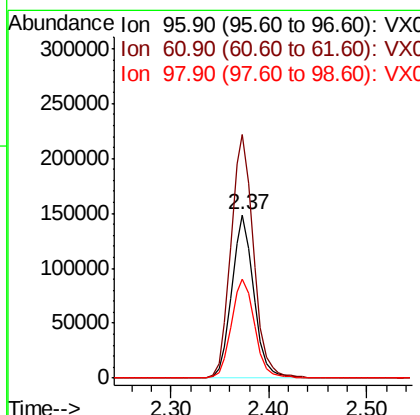
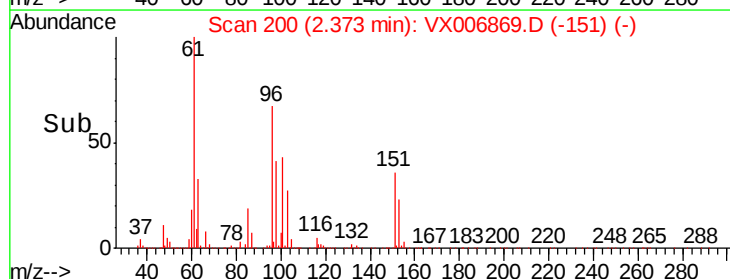
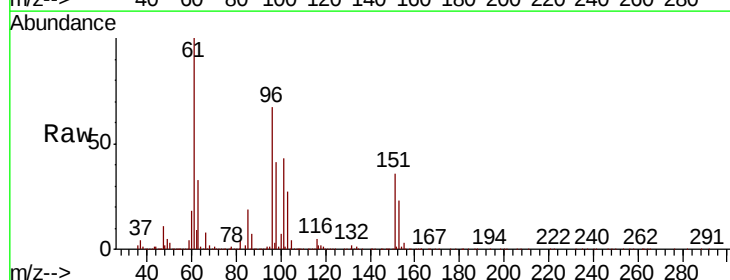
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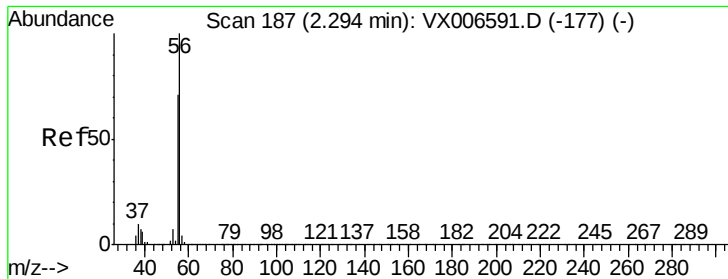
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#12
1,1-Dichloroethene
Concen: 45.366 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.2	121.4	182.2
98	60.6	51.9	77.9





#13

Acrolein

Concen: 225.122 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 207903

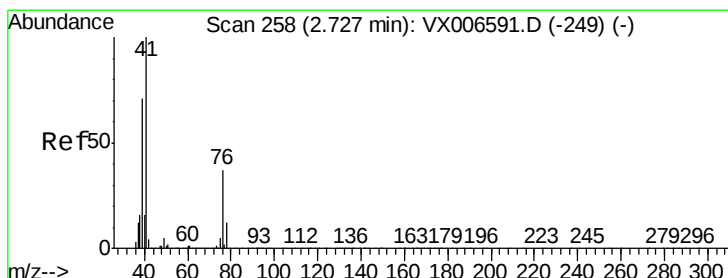
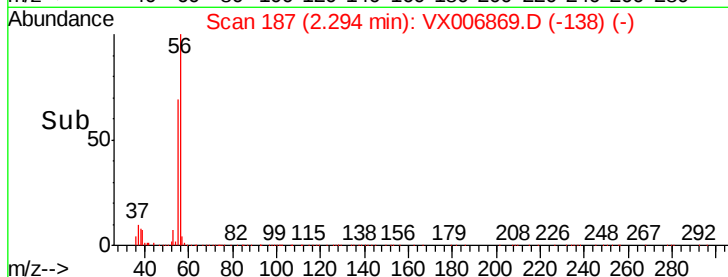
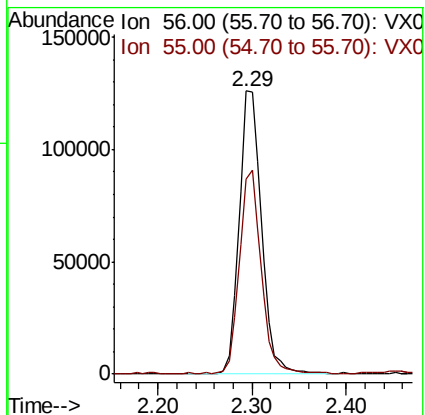
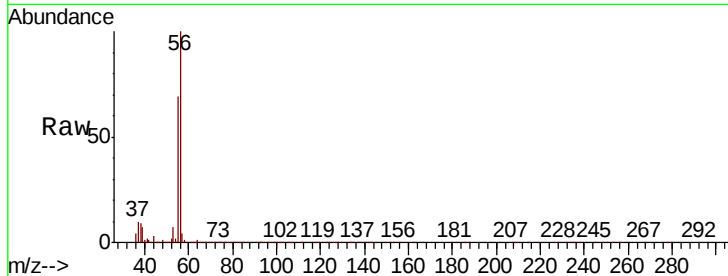
Ion Ratio Lower Upper

56 100

55 70.1 58.2 87.4

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#14

Allyl chloride

Concen: 47.707 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

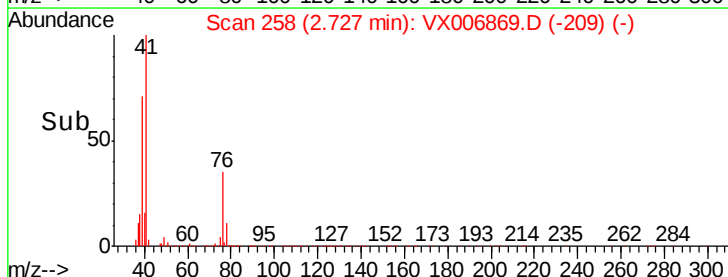
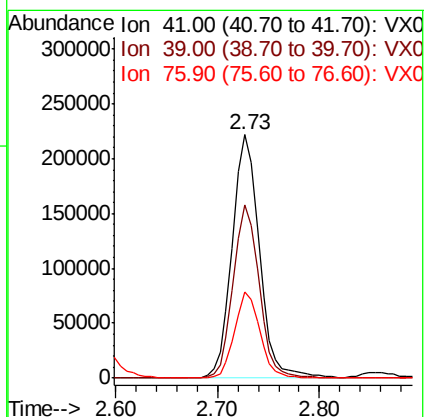
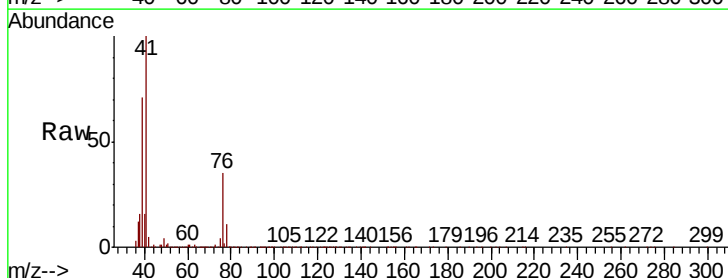
Tgt Ion: 41 Resp: 408360

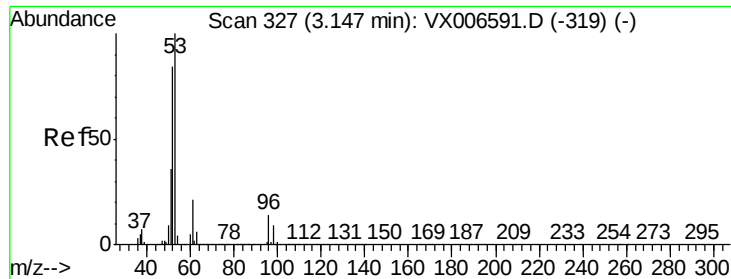
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 32.7 27.4 41.2





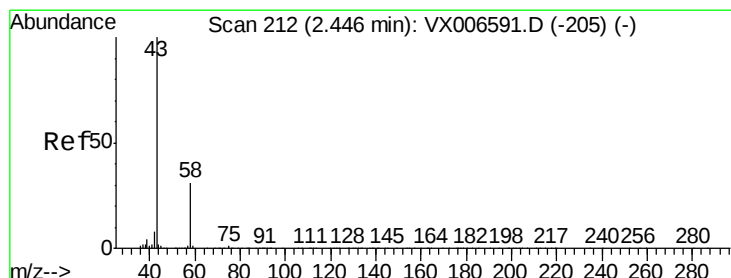
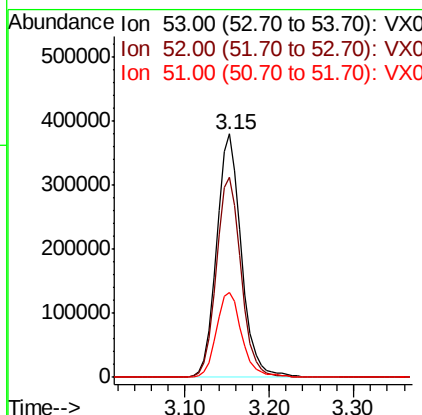
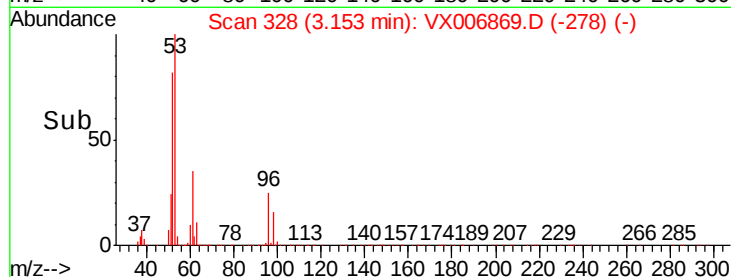
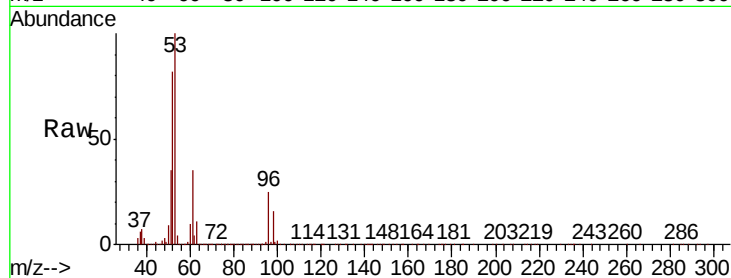
#15
Acrylonitrile
Concen: 251.771 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
53	53	100		
52	52	82.3	66.0	99.0
51	51	35.7	28.6	42.8

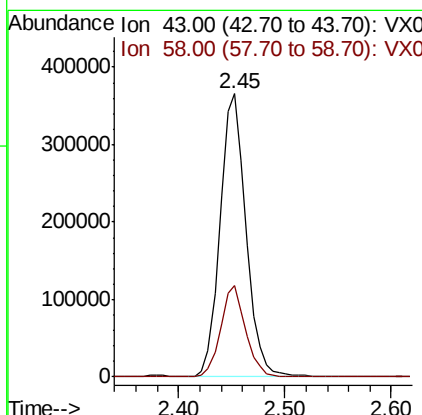
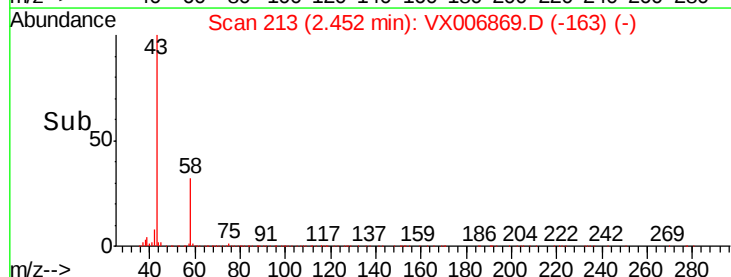
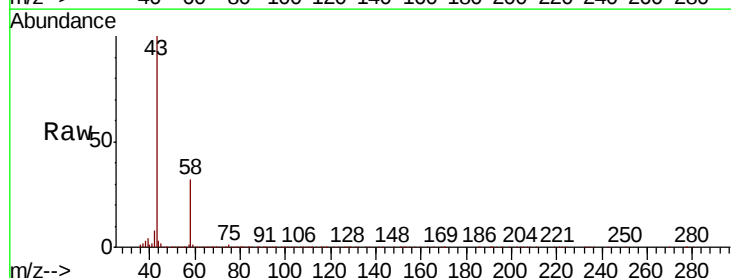
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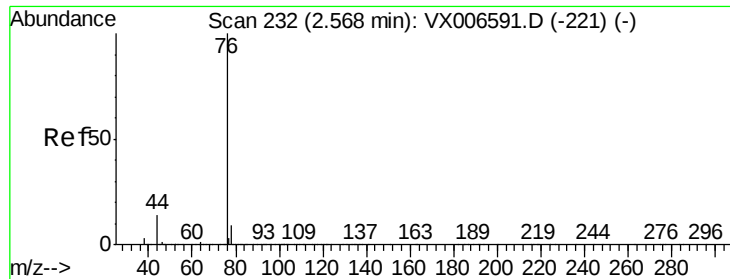
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#16
Acetone
Concen: 218.765 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	32.4	25.0	37.6





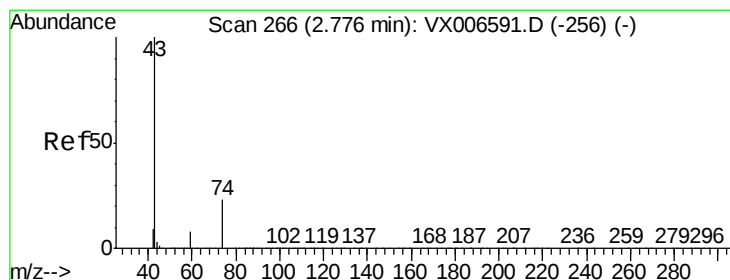
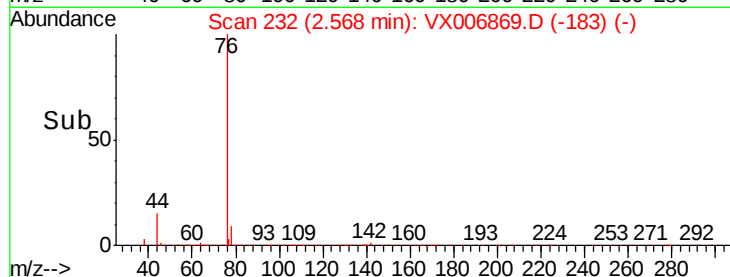
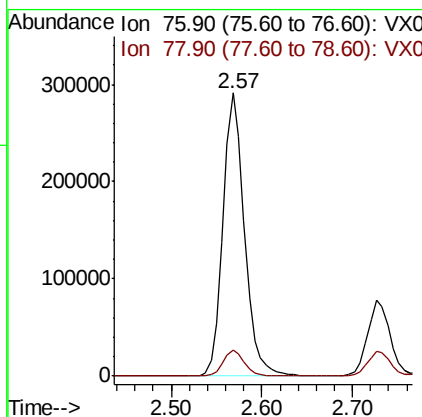
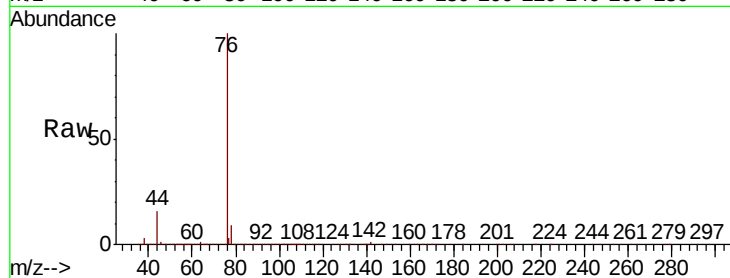
#17
Carbon Disulfide
Concen: 35.625 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

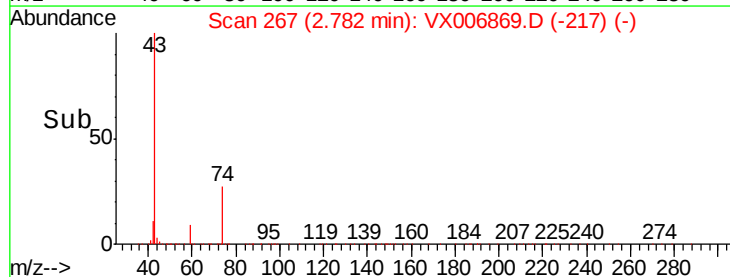
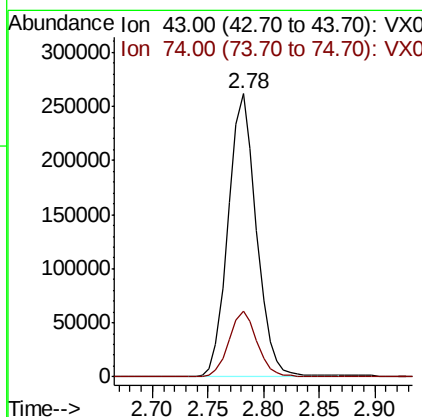
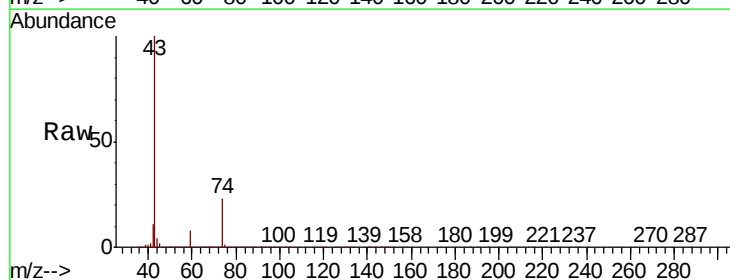
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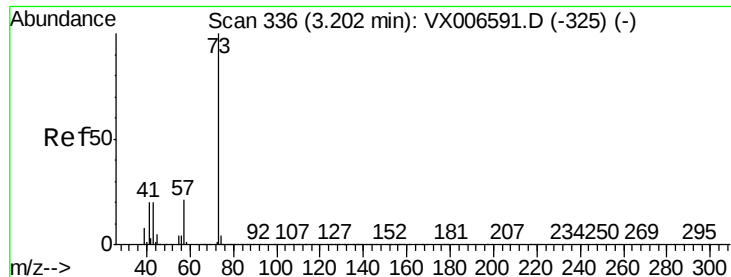
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#18
Methyl Acetate
Concen: 55.519 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	18.6	28.0





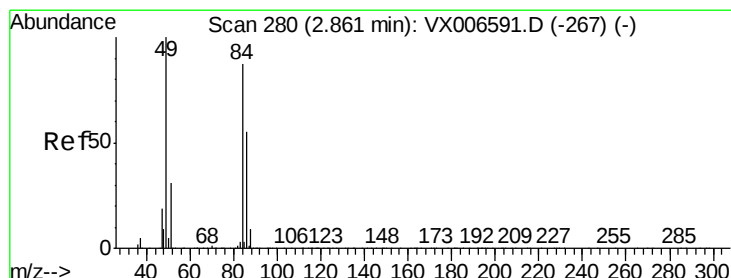
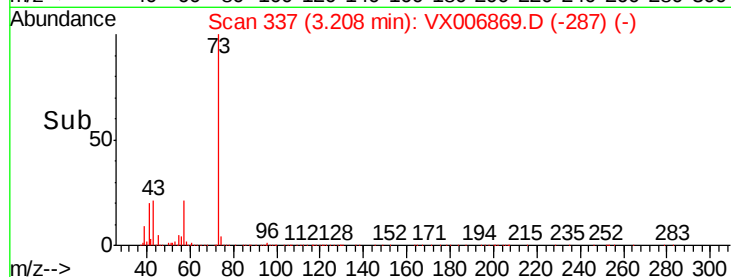
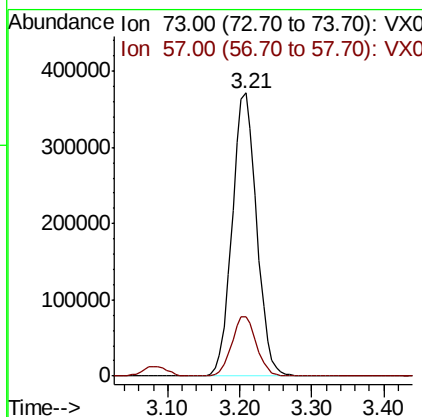
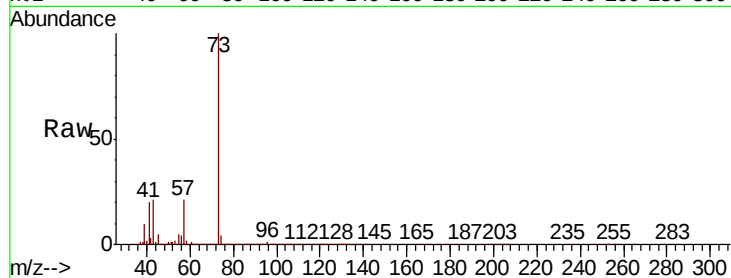
#19
Methyl tert-butyl Ether
Concen: 51.929 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.8	25.2

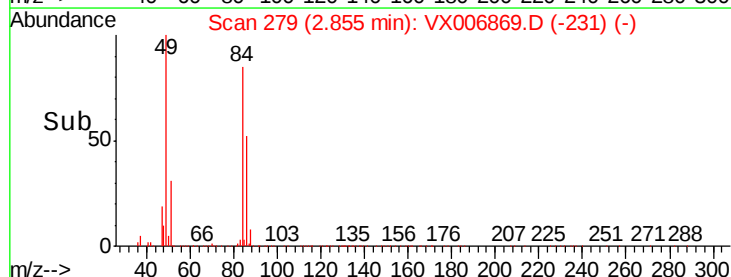
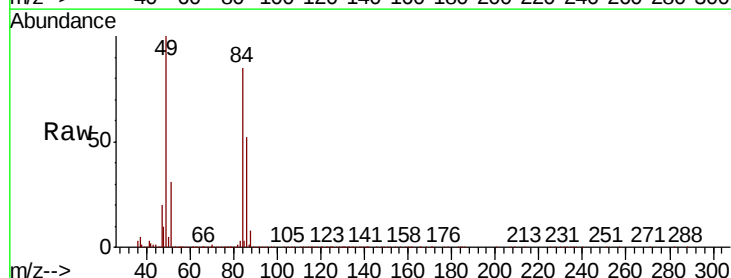
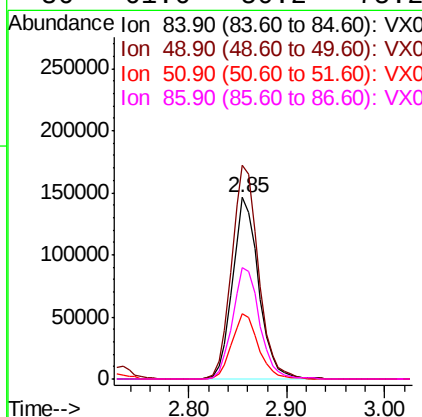
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#20
Methylene Chloride
Concen: 46.610 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.7	91.8	137.6
51	36.1	28.5	42.7
86	61.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 43.468 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

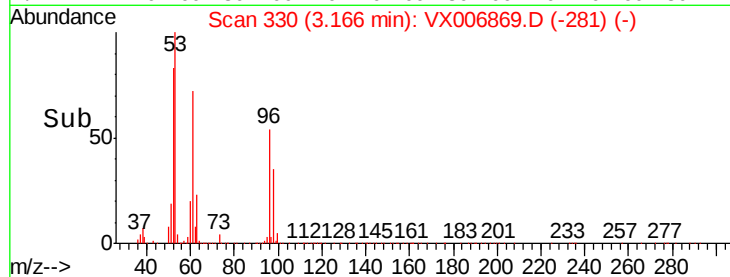
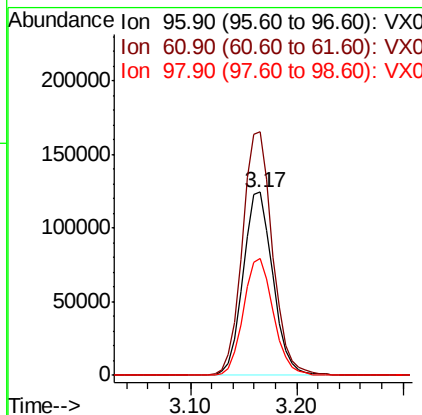
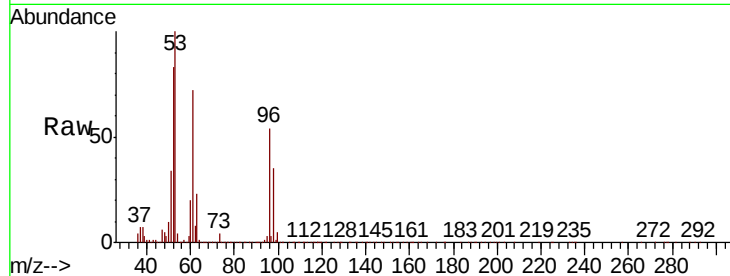
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	244916
Ion	Ratio	Lower	Upper
96	100		
61	132.7	103.7	155.5
98	64.0	51.0	76.6

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#22

Diisopropyl ether

Concen: 50.236 ug/l

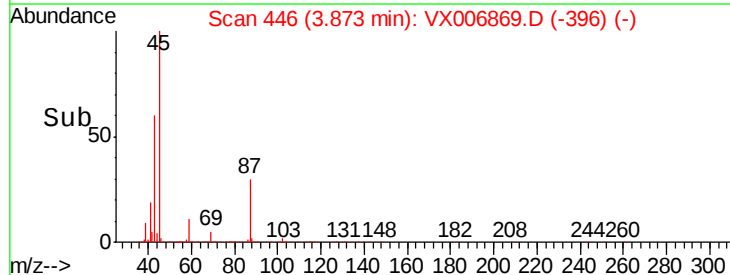
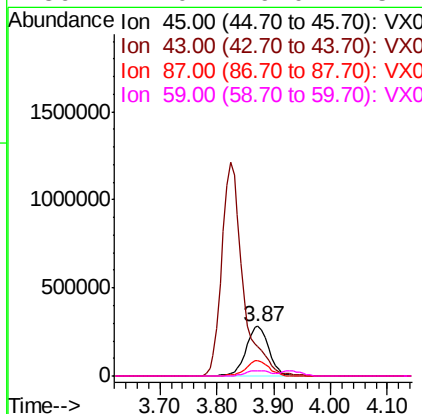
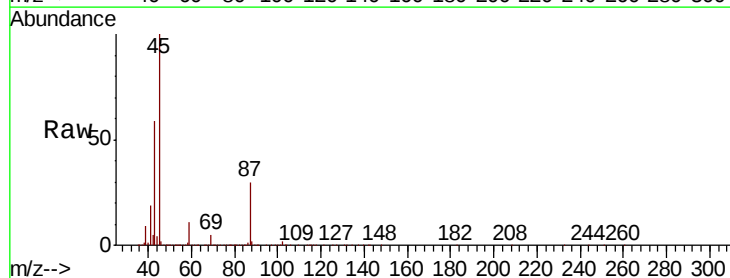
RT: 3.87 min Scan# 446

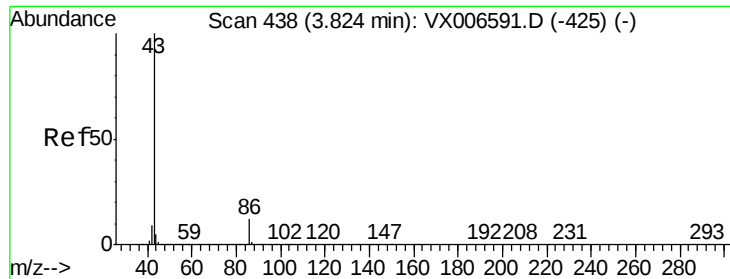
Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Tgt Ion:	45	Resp:	786668
Ion	Ratio	Lower	Upper
45	100		
43	59.4	51.2	76.8
87	30.2	25.8	38.6
59	11.0	9.0	13.4





#23

Vinyl Acetate

Concen: 245.177 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3140442

Ion Ratio Lower Upper

43 100

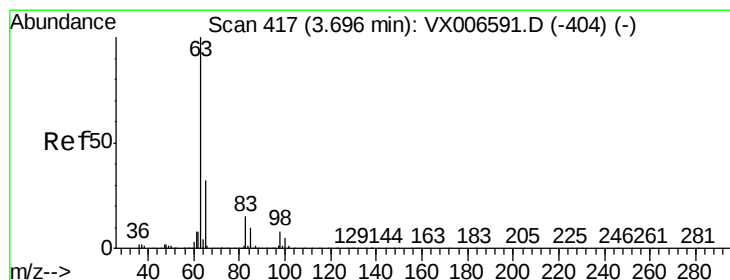
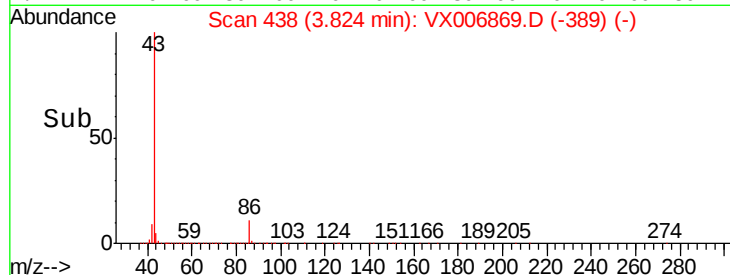
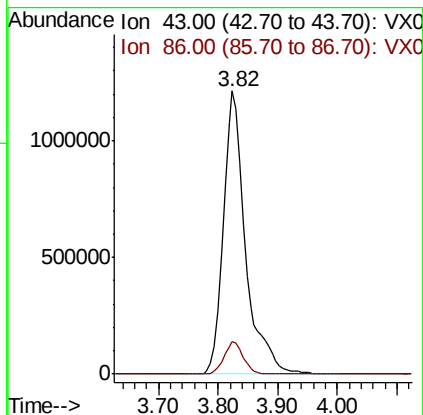
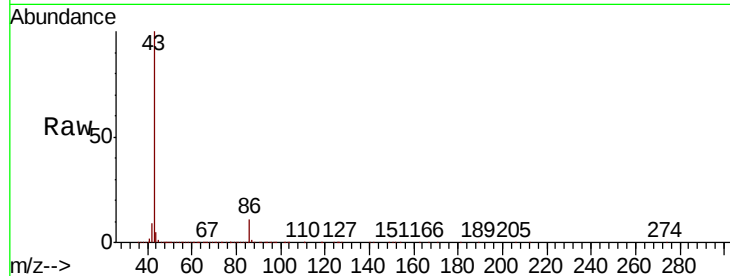
86 11.3 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 46.079 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

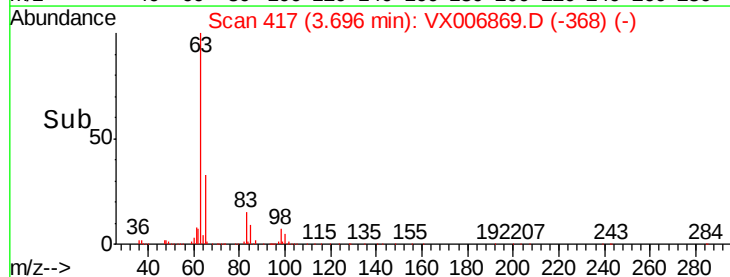
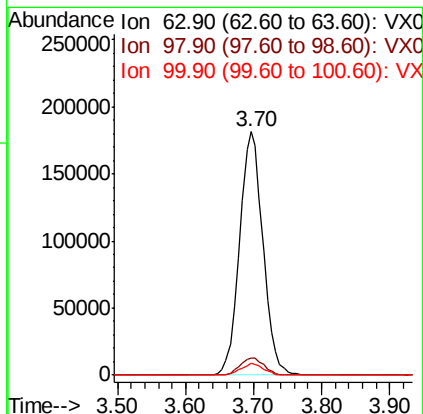
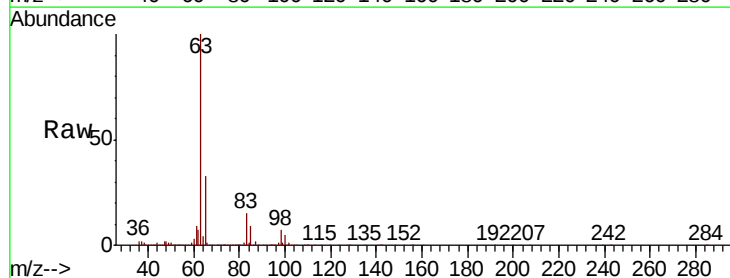
Tgt Ion: 63 Resp: 430742

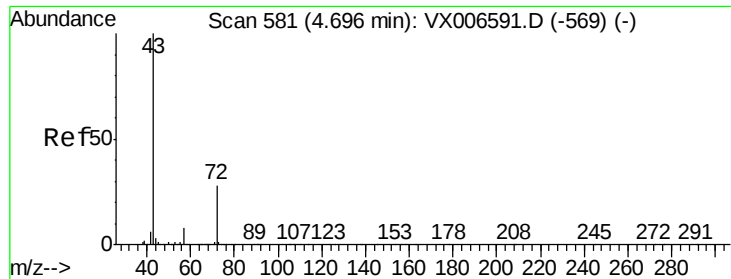
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 230.348 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Tot Ion: 43 Resp: 913137

Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

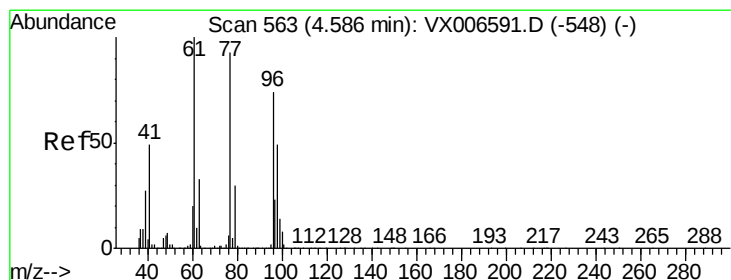
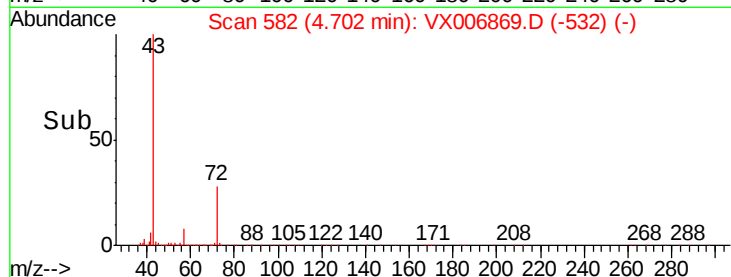
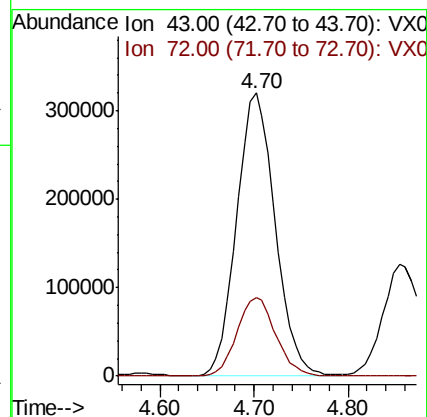
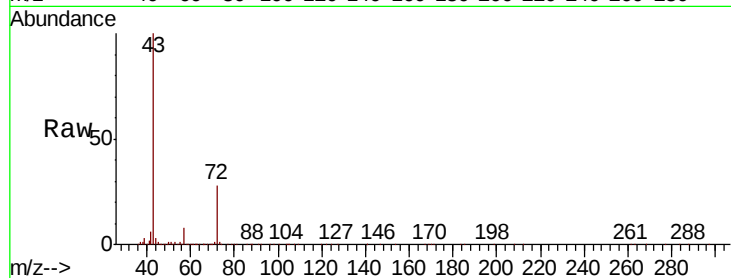
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 40.266 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006869.D

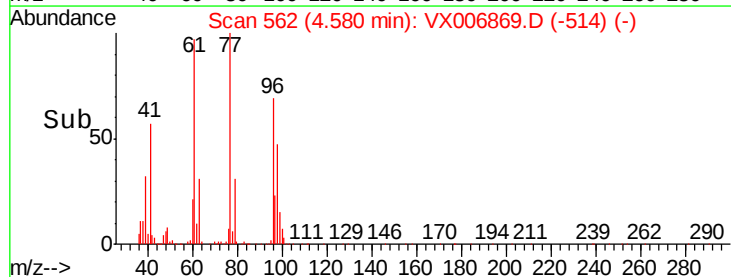
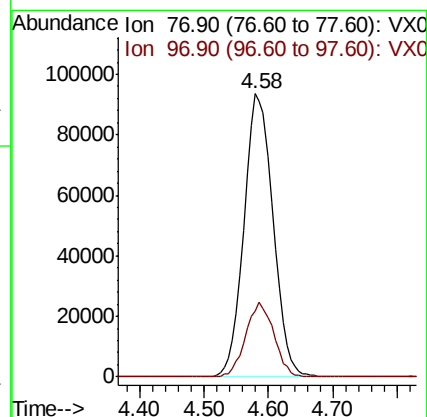
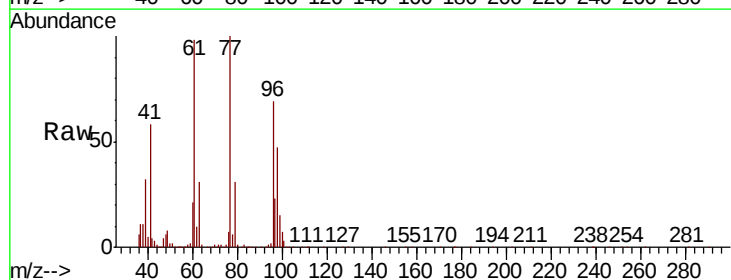
Acq: 28 Dec 2018 18:46

Tgt Ion: 77 Resp: 290755

Ion Ratio Lower Upper

77 100

97 25.5 12.4 37.4





#27

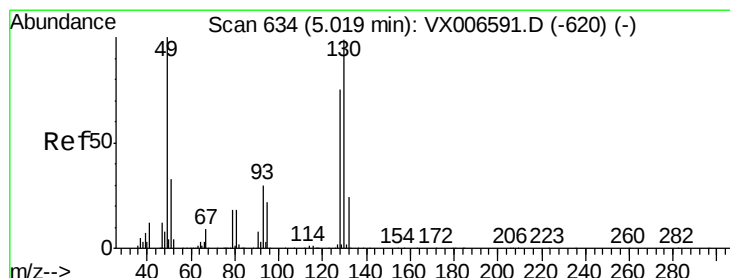
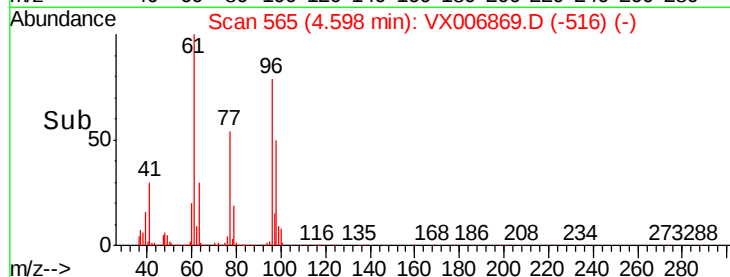
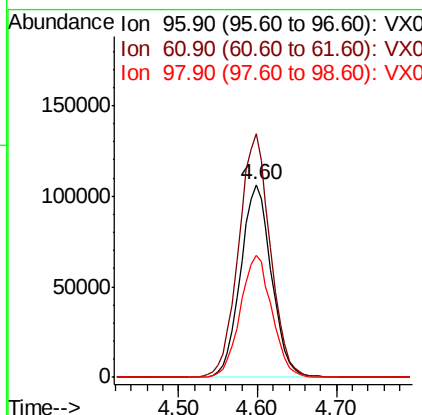
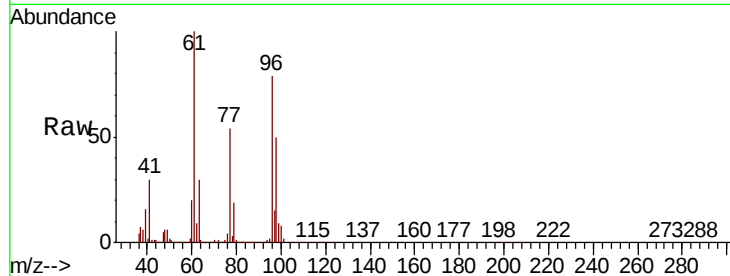
cis-1,2-Dichloroethene
Concen: 46.648 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	258.6
98	64.6	0.0	132.0

Manual Integrations
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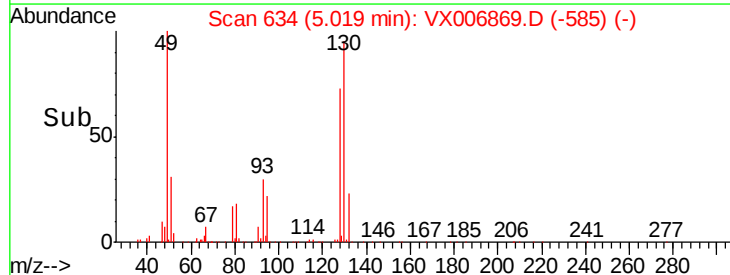
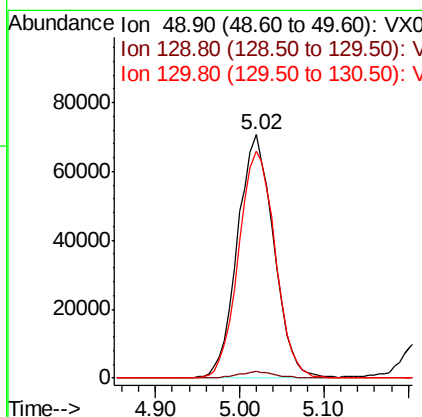
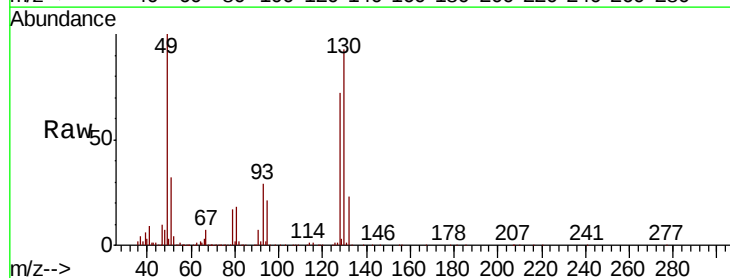
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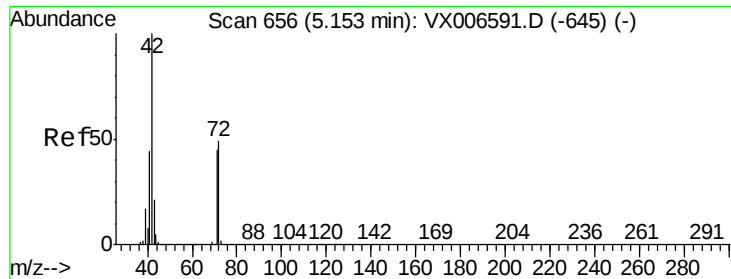


#28

Bromochloromethane
Concen: 52.104 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	94.6	77.7	116.5





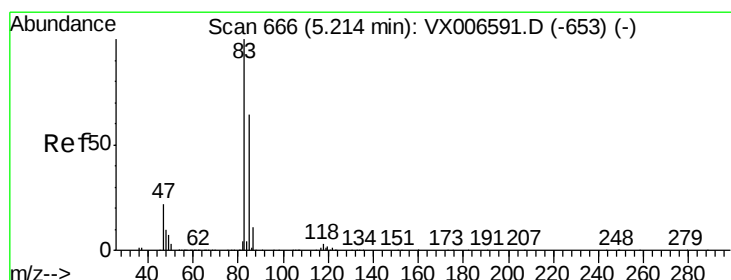
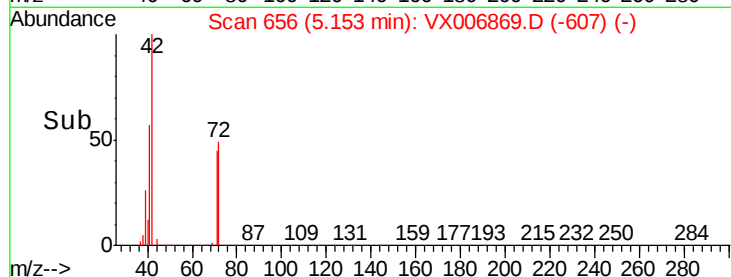
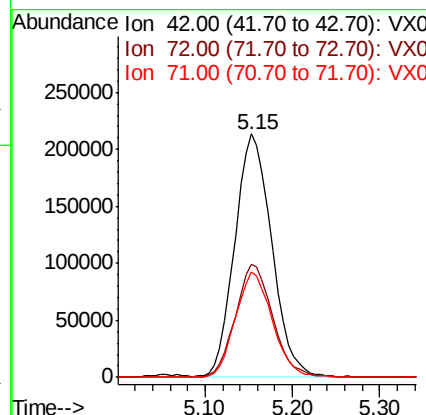
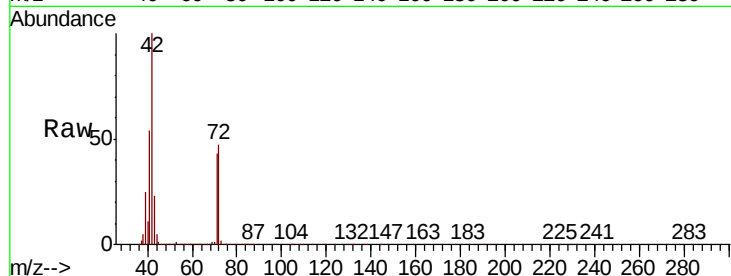
#29
Tetrahydrofuran
Concen: 237.934 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.9	58.3
71	43.7	36.2	54.4

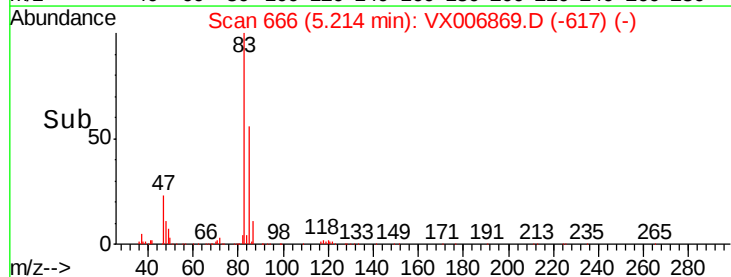
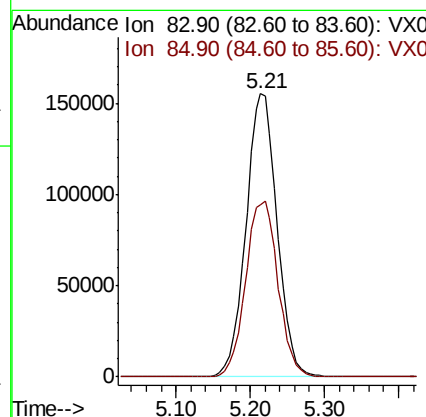
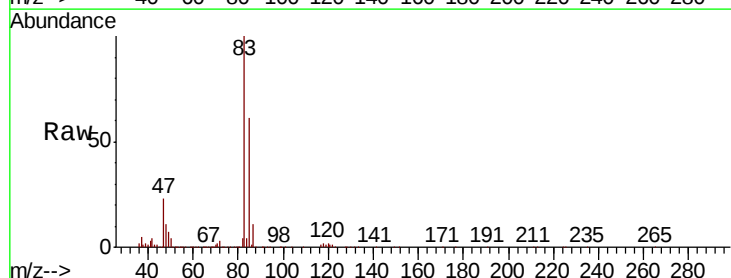
Manual Integrations
APPROVED

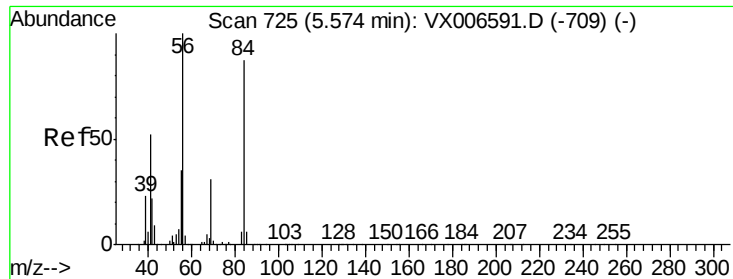
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#30
Chloroform
Concen: 46.964 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.2	76.8





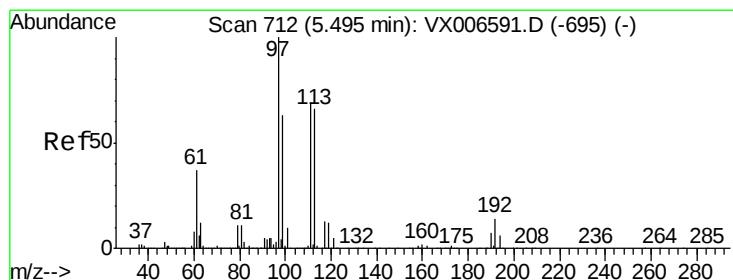
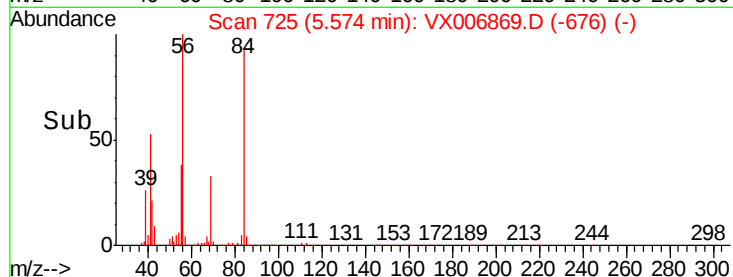
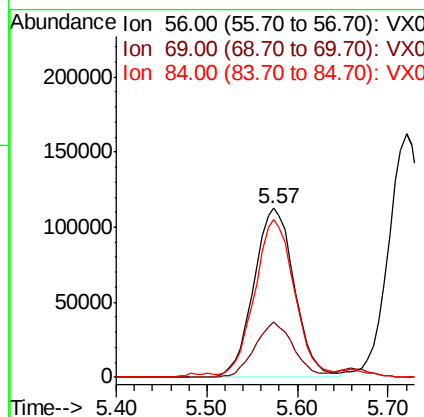
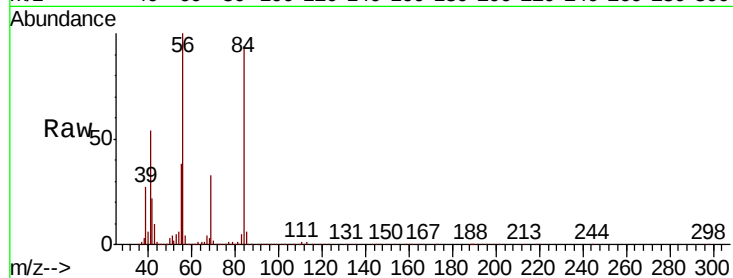
#31
Cyclohexane
Concen: 41.039 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.4	36.6
84	91.4	70.0	105.0

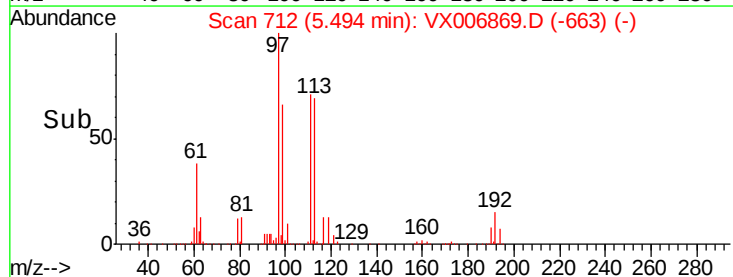
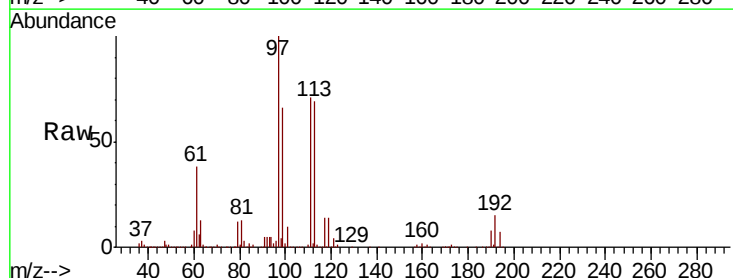
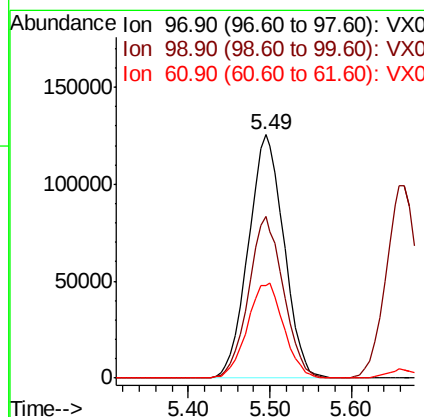
Manual Integrations
APPROVED

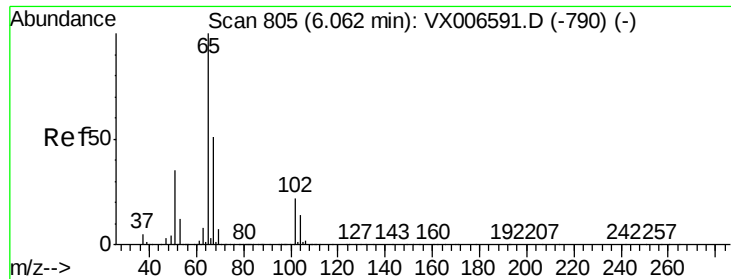
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#32
1,1,1-Trichloroethane
Concen: 46.587 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.7	77.5
61	40.2	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 47.854 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 293542

Ion Ratio Lower Upper

65 100

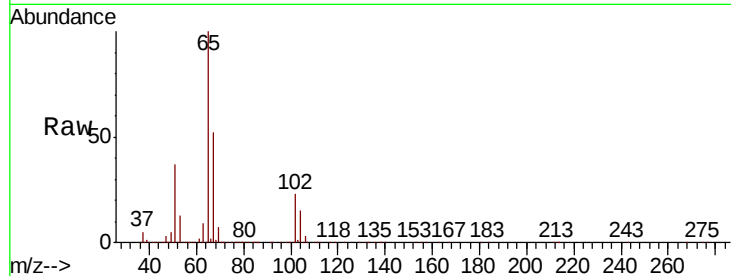
67 52.4 0.0 105.0

Manual Integrations

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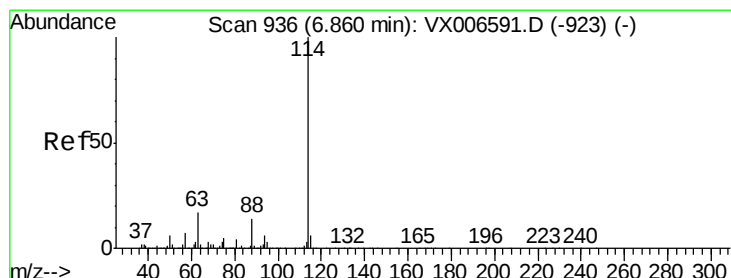
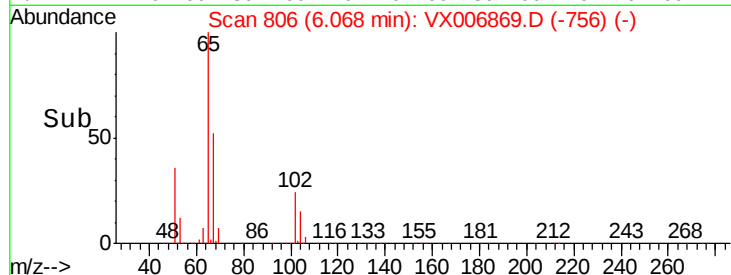
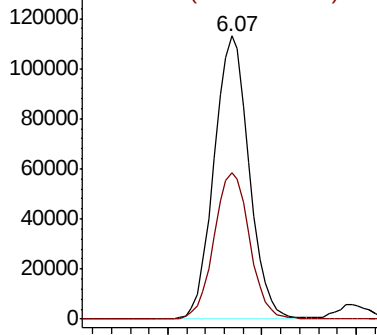
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

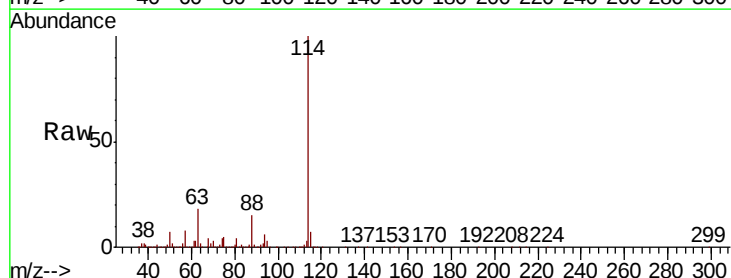
Tgt Ion: 114 Resp: 842477

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

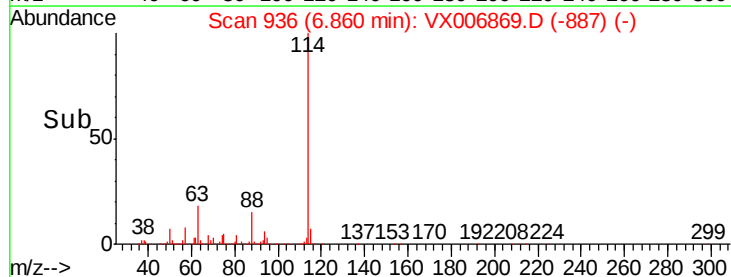
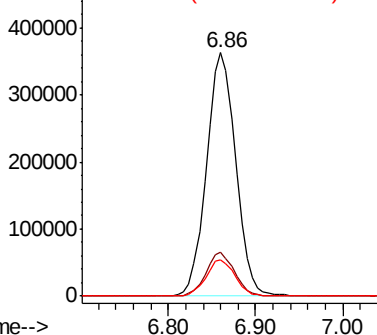
88 14.7 0.0 28.8

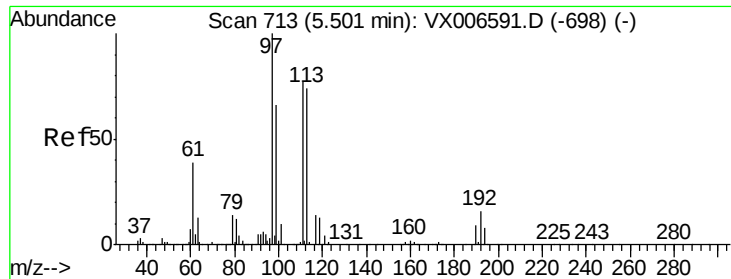


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.603 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

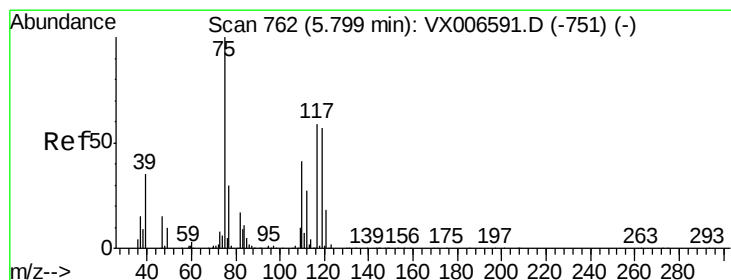
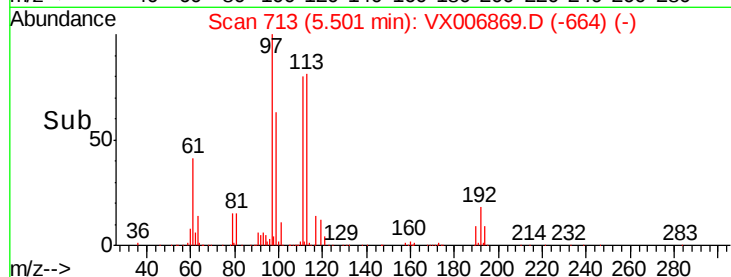
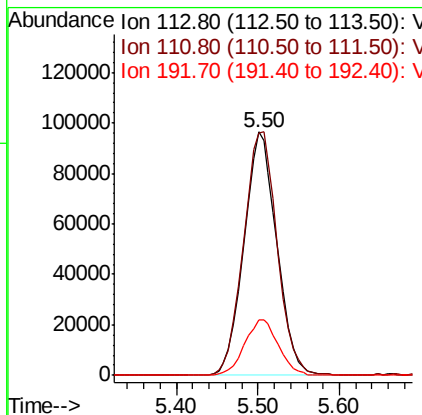
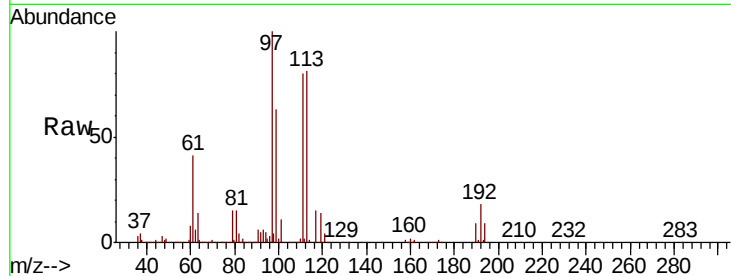
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	269595
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.6	122.4
192	23.5	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.520 ug/l

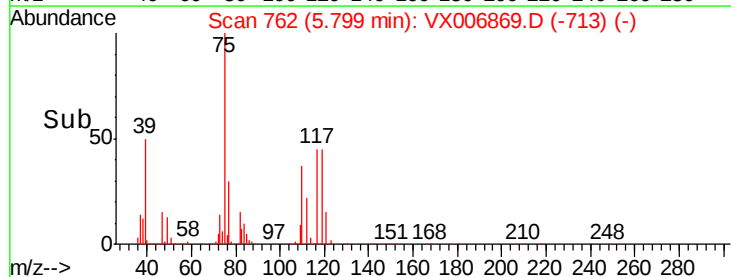
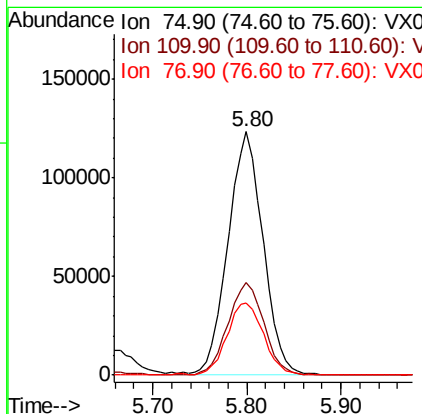
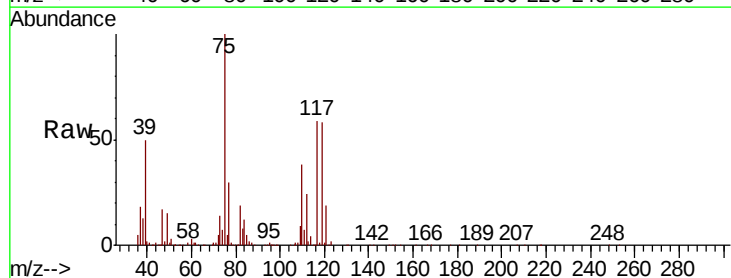
RT: 5.80 min Scan# 762

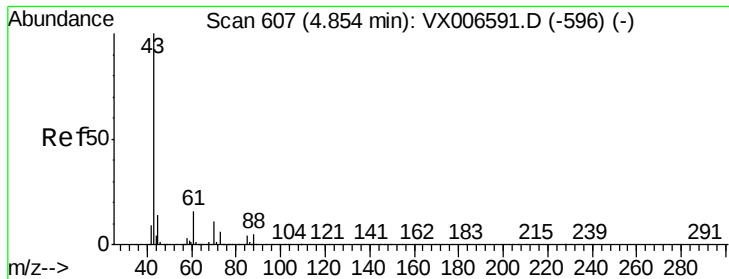
Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Tgt Ion:	75	Resp:	317624
Ion Ratio	Lower	Upper	
75	100		
110	39.4	20.2	60.5
77	31.2	24.8	37.2





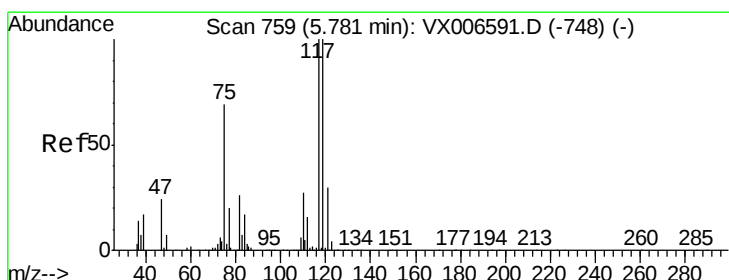
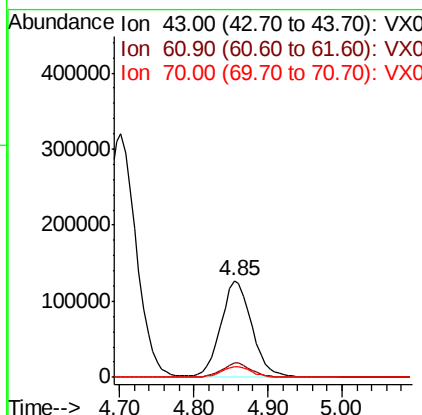
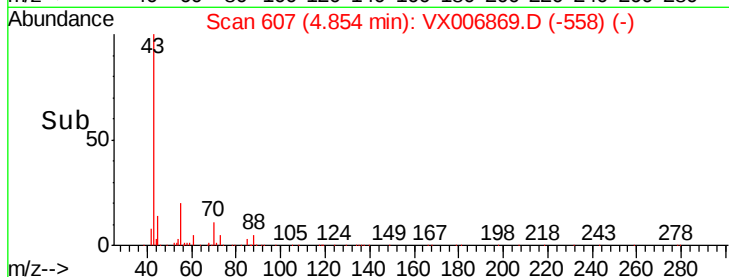
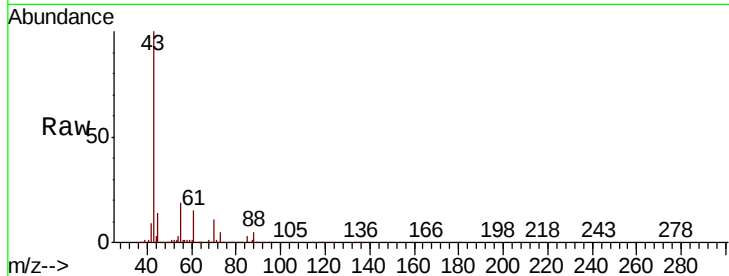
#37
Ethyl Acetate
Concen: 50.297 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	365277
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.9	17.9
70	11.0	9.7	14.5

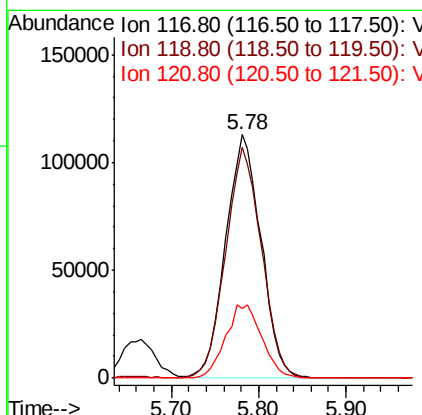
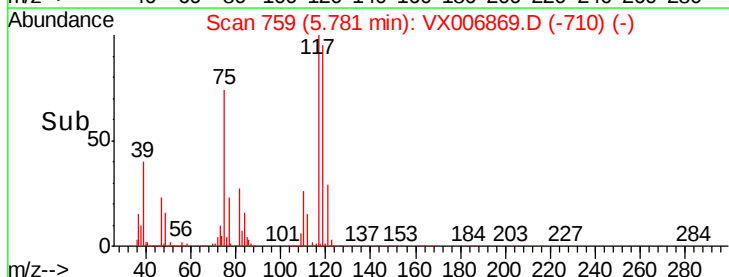
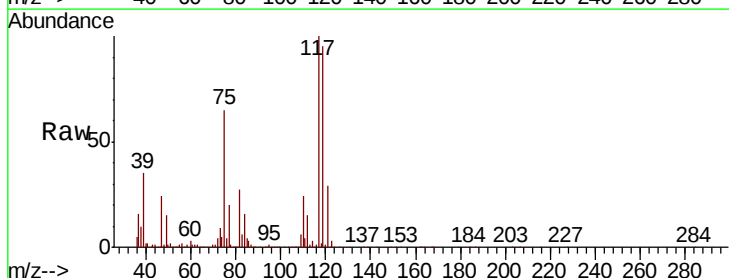
Manual Integrations
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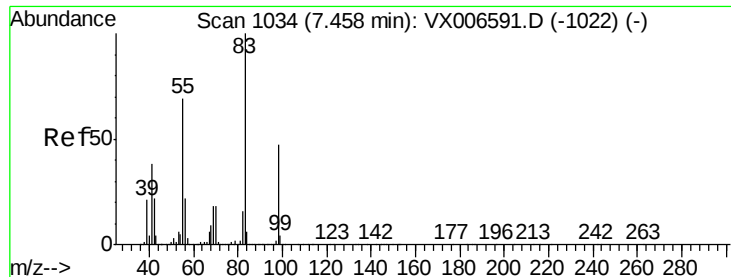
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#38
Carbon Tetrachloride
Concen: 46.752 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion:	117	Resp:	317037
Ion	Ratio	Lower	Upper
117	100		
119	94.6	79.4	119.2
121	28.6	24.0	36.0





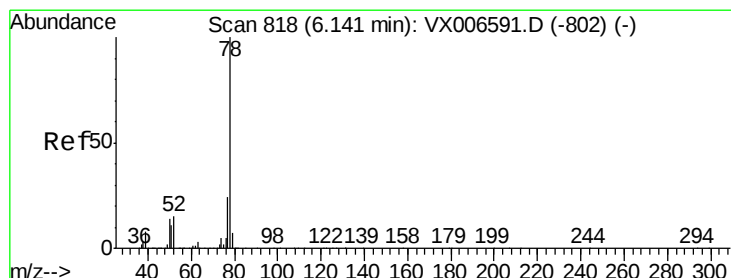
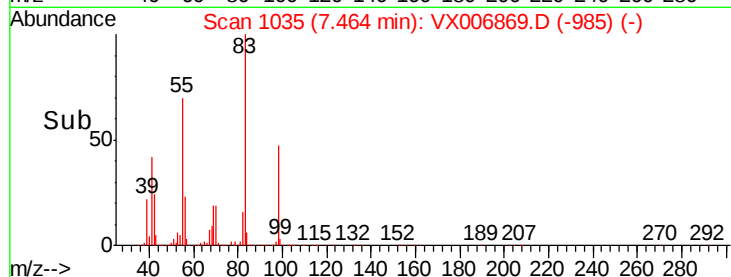
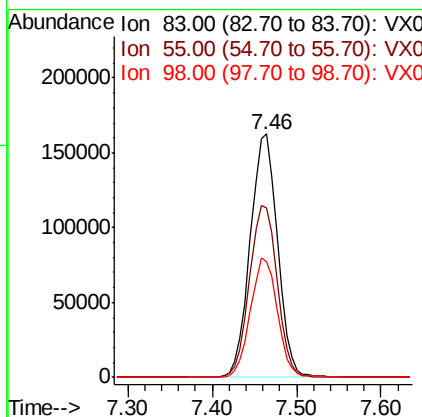
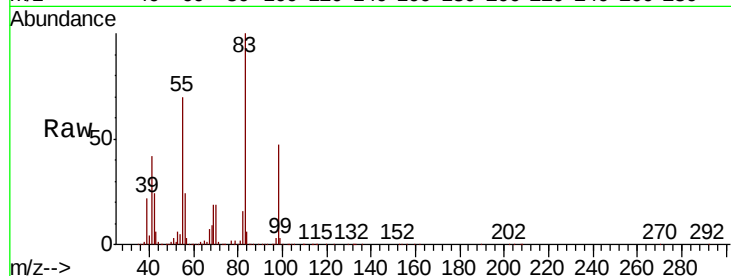
#39
Methvlcvclohexane
Concen: 39.017 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.5	54.9	82.3
98	47.3	37.9	56.9

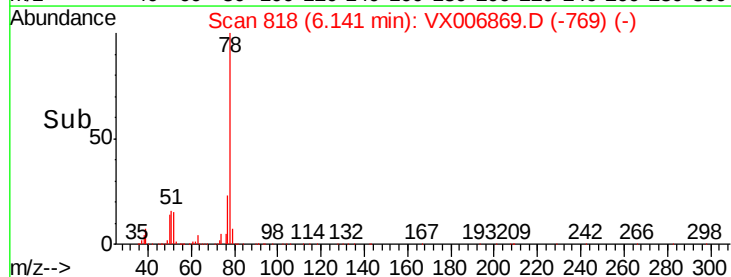
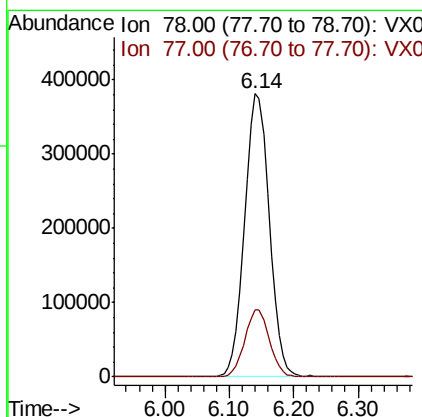
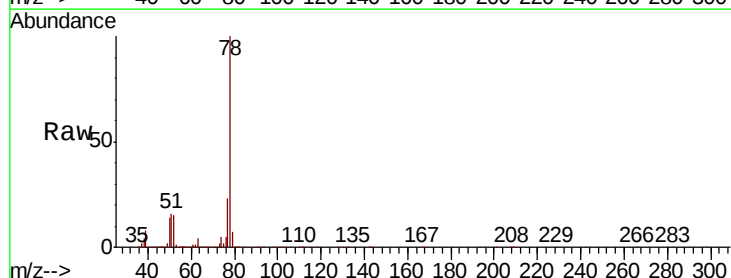
Manual Integrations
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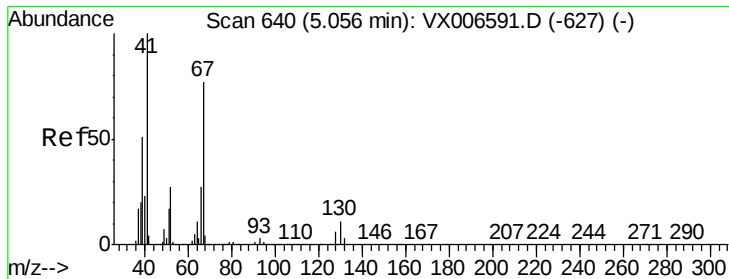
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#40
Benzene
Concen: 47.153 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





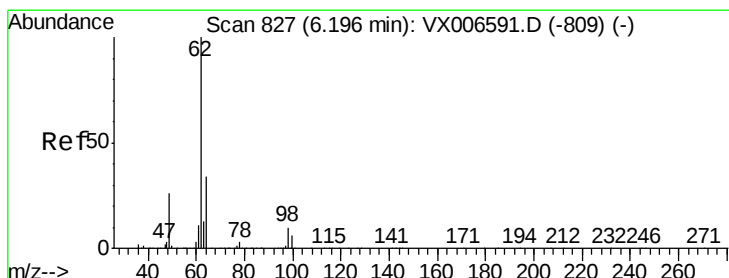
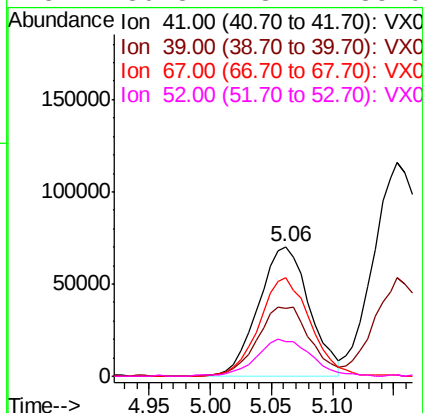
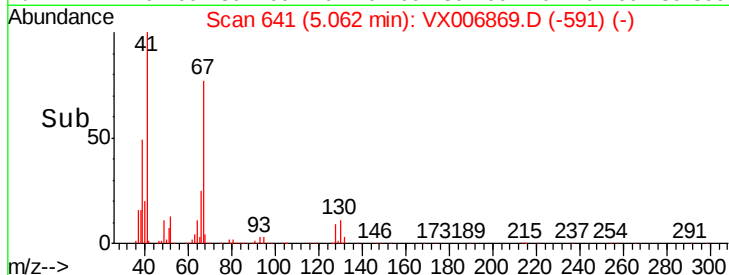
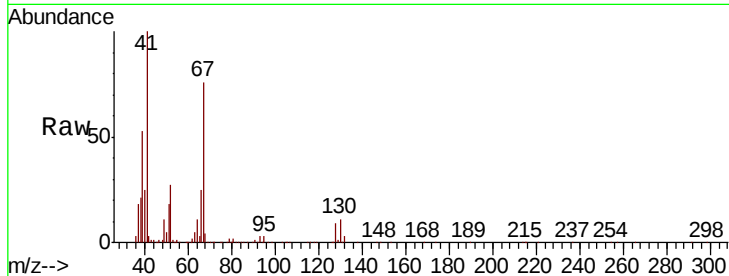
#41
Methacrylonitrile
Concen: 52.735 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	42.8	64.2	
67	77.1	62.1	93.1	
52	30.3	23.4	35.0	

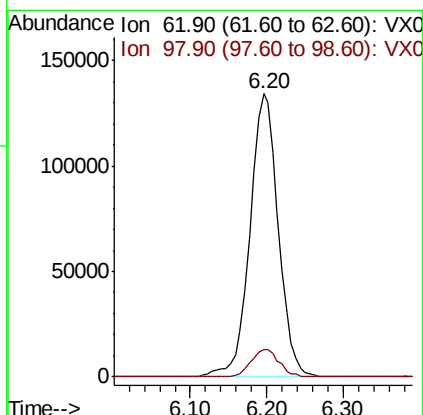
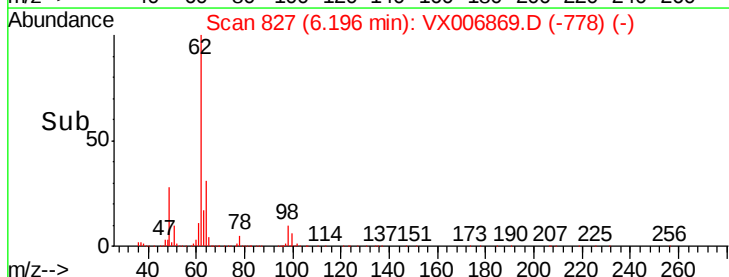
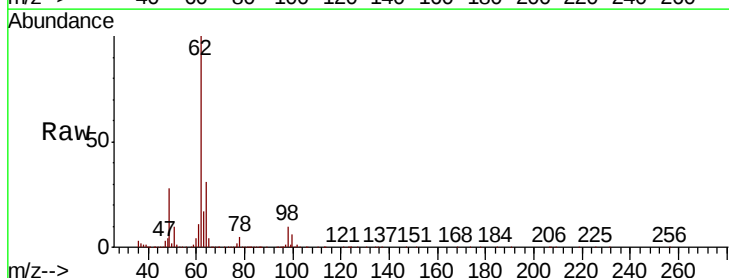
Manual Integrations
APPROVED

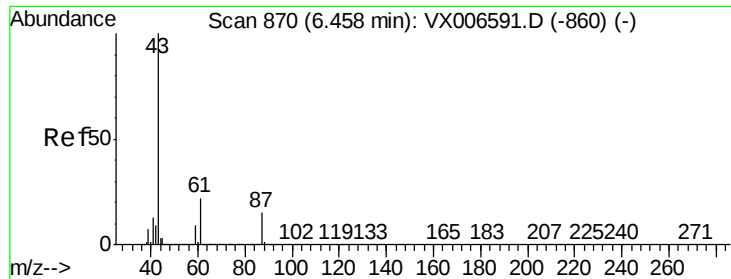
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#42
1,2-Dichloroethane
Concen: 47.736 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	0.0	20.2	





#43

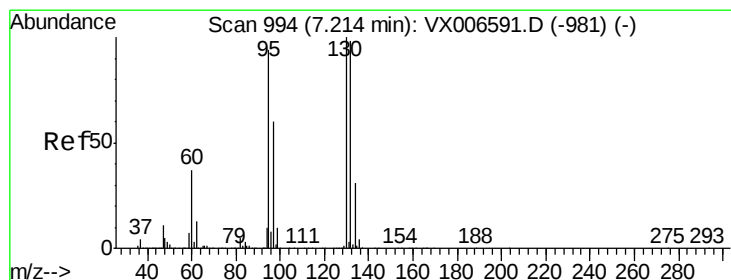
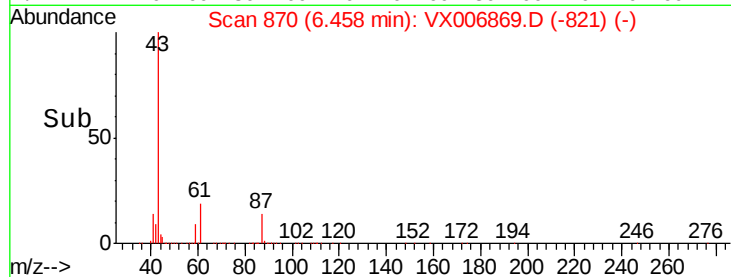
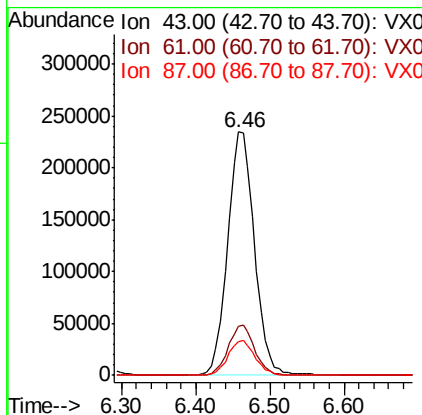
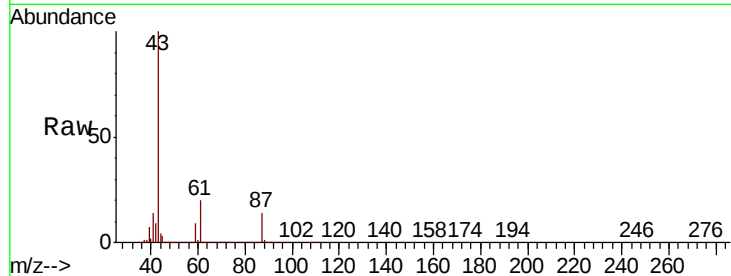
Isopropyl Acetate
 Concen: 53.116 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.8	25.2
87	14.6	12.4	18.6

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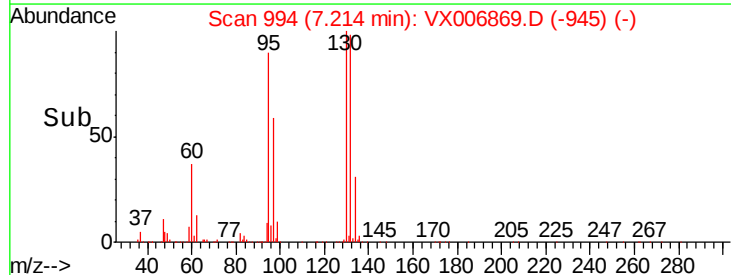
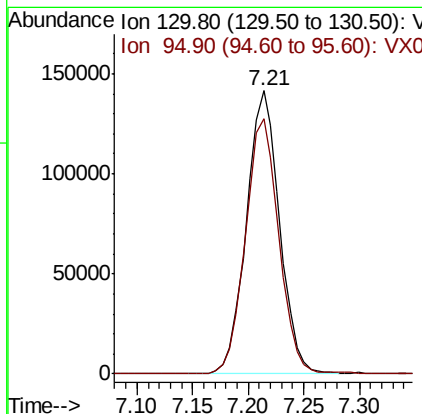
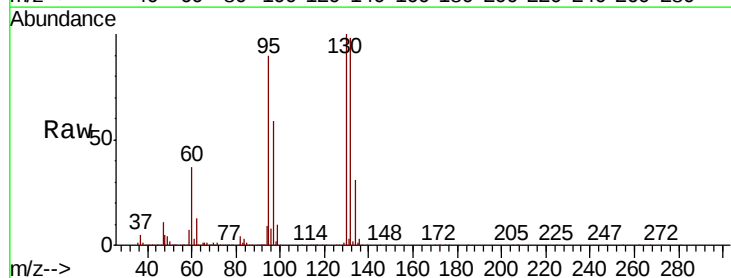
MMDadoda
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#44

Trichloroethene
 Concen: 45.696 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.678 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 63 Resp: 261566

Ion Ratio Lower Upper

63 100

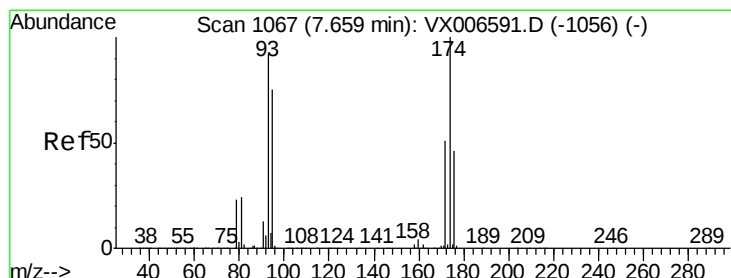
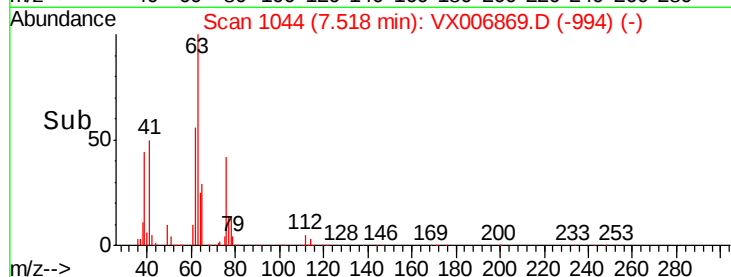
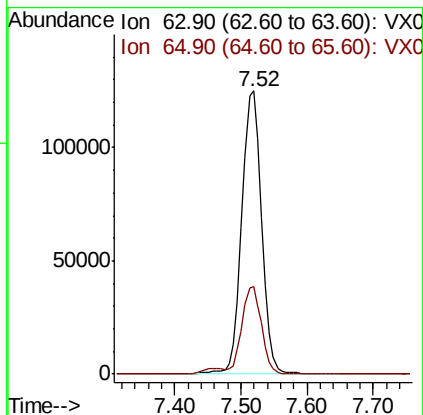
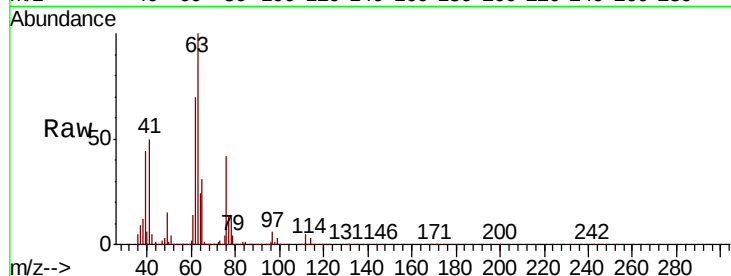
65 30.6 25.4 38.0

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#46

Dibromomethane

Concen: 47.270 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

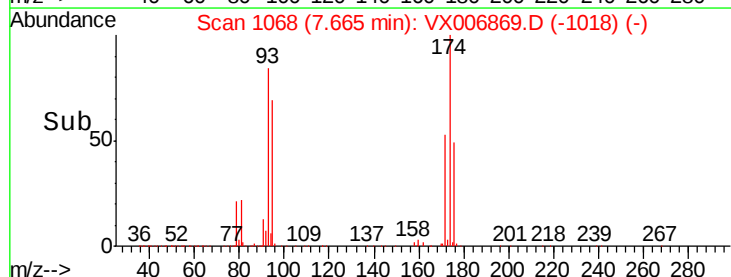
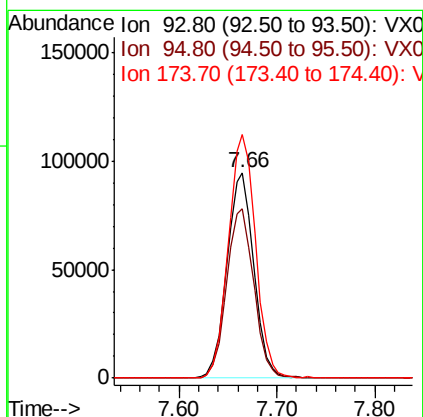
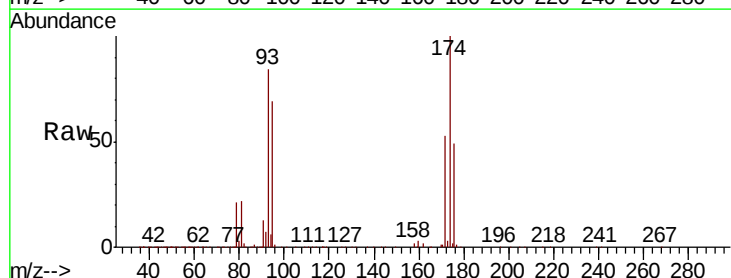
Tgt Ion: 93 Resp: 179459

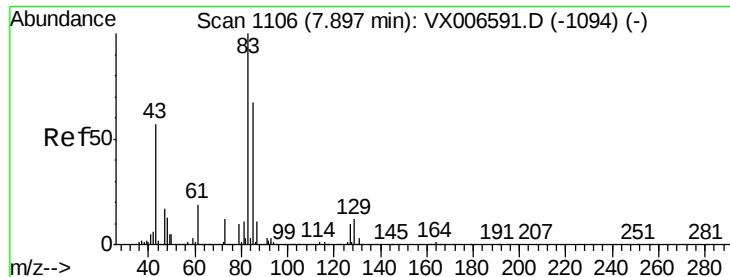
Ion Ratio Lower Upper

93 100

95 83.5 66.2 99.4

174 120.7 91.0 136.4





#47

Bromodichloromethane

Concen: 49.088 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

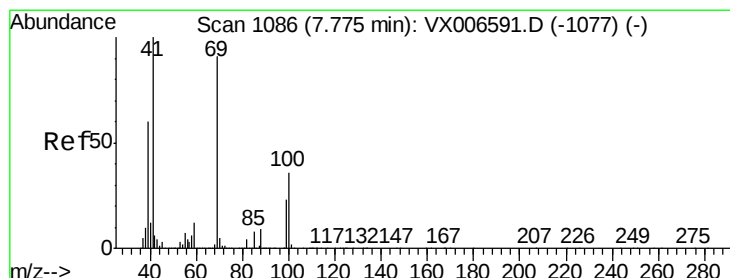
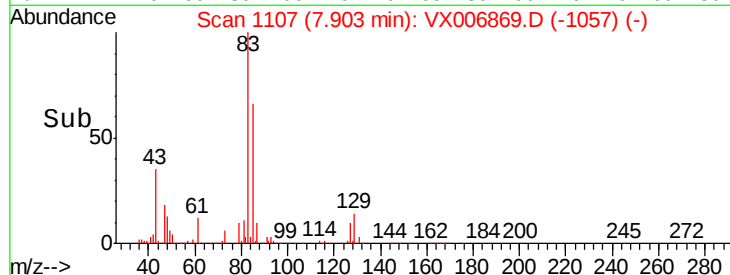
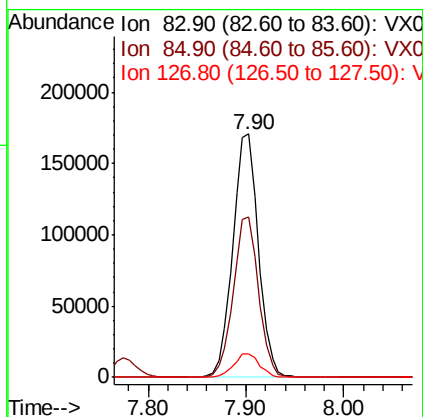
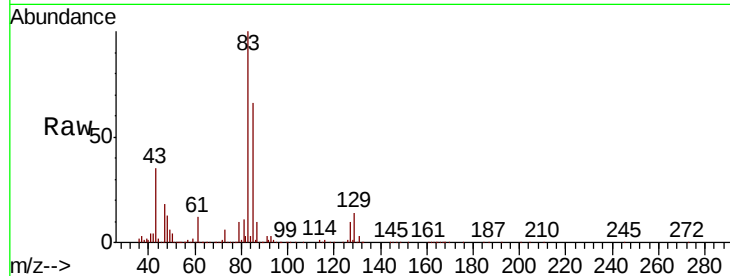
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	309401
Ion Ratio	Lower	Upper	
83	100		
85	65.5	53.2	79.8
127	9.7	7.8	11.6

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#48

Methyl methacrylate

Concen: 53.300 ug/l

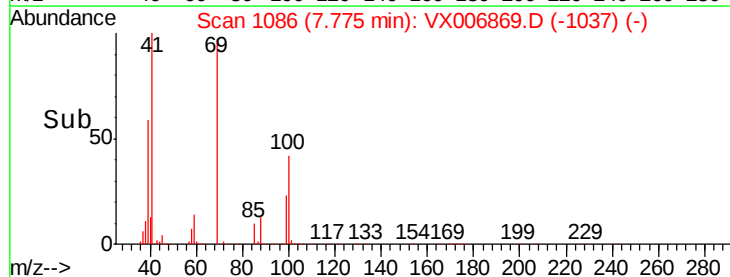
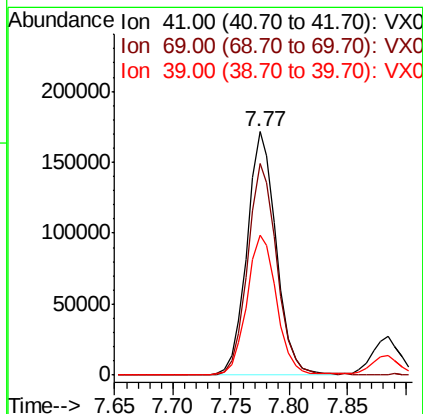
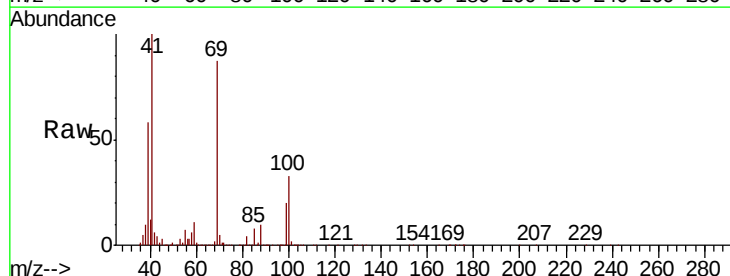
RT: 7.77 min Scan# 1086

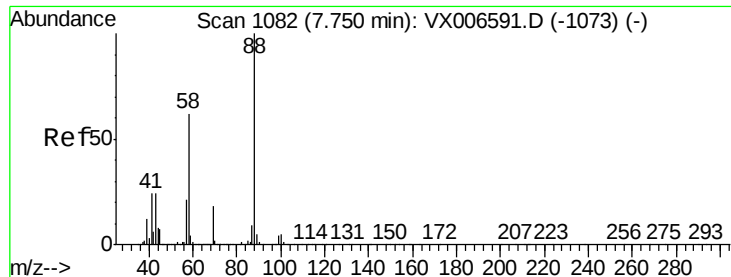
Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Tgt Ion:	41	Resp:	299508
Ion Ratio	Lower	Upper	
41	100		
69	87.4	72.4	108.6
39	58.4	45.8	68.8





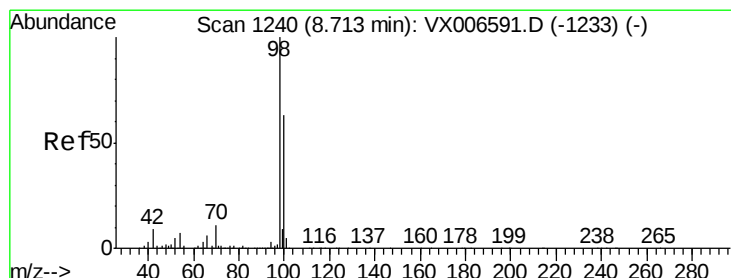
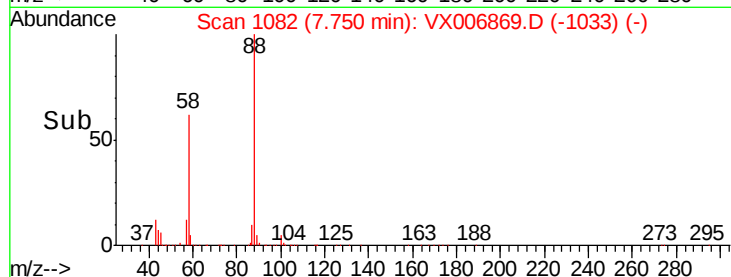
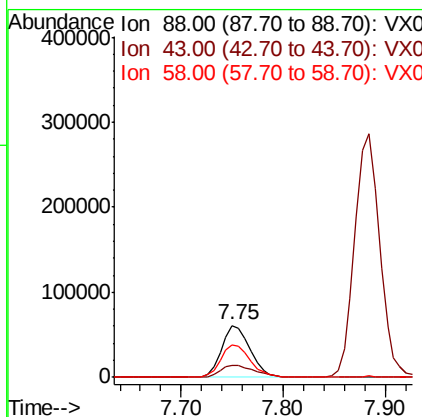
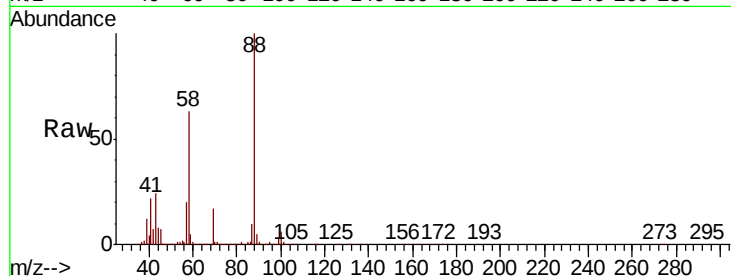
#49
1,4-Dioxane
Concen: 803.428 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.2	33.4
58	64.5	51.0	76.4

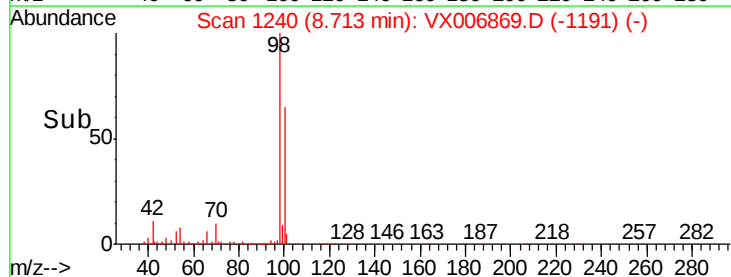
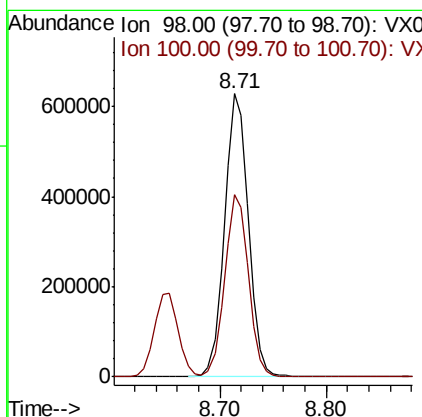
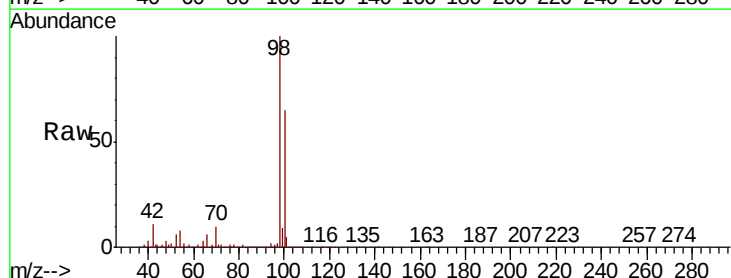
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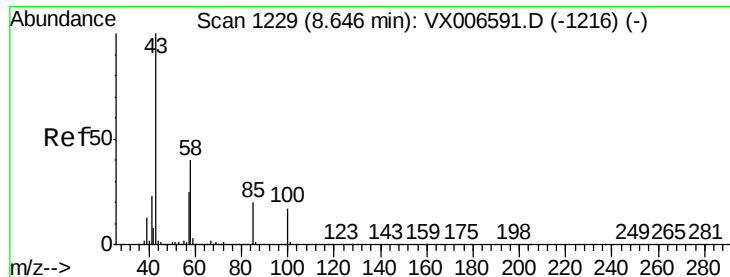
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#50
Toluene-d8
Concen: 48.940 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





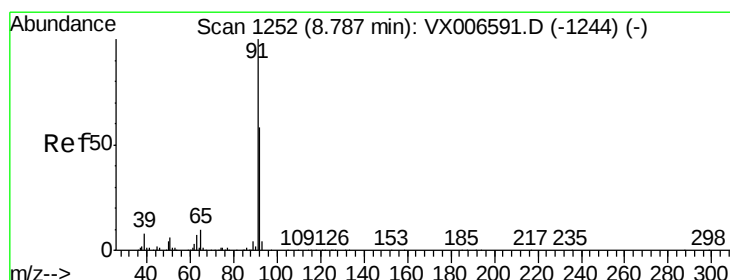
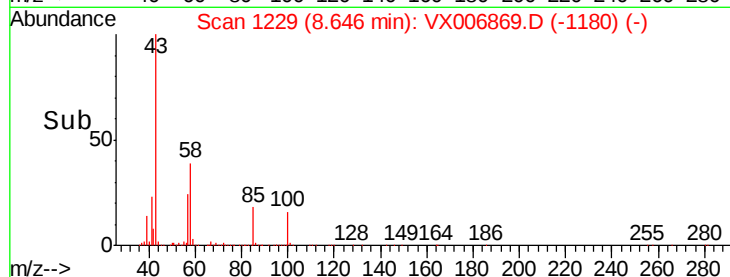
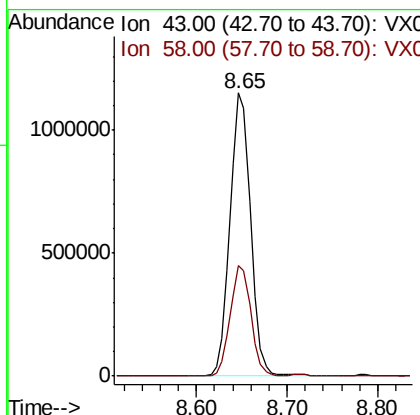
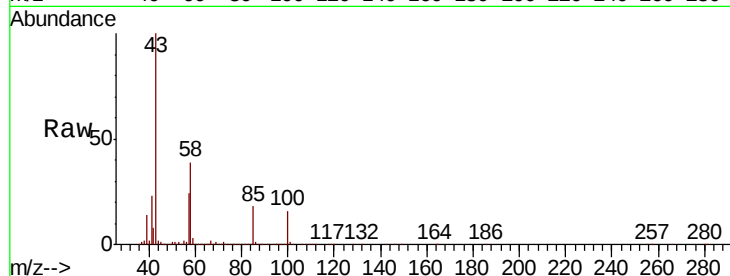
#51
4-Methyl-2-Pentanone
Concen: 258.639 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1818461
Ion Ratio Lower Upper
43 100
58 39.1 31.8 47.6

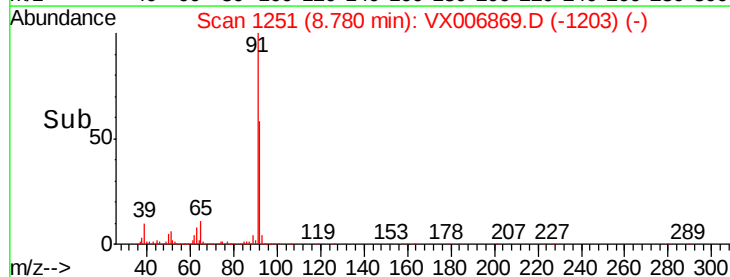
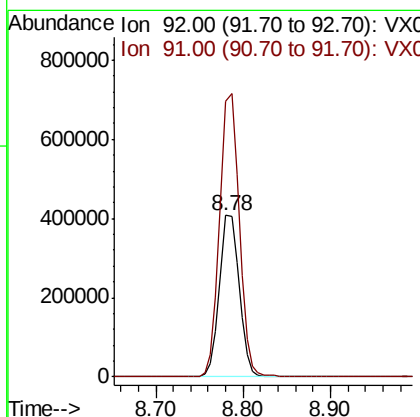
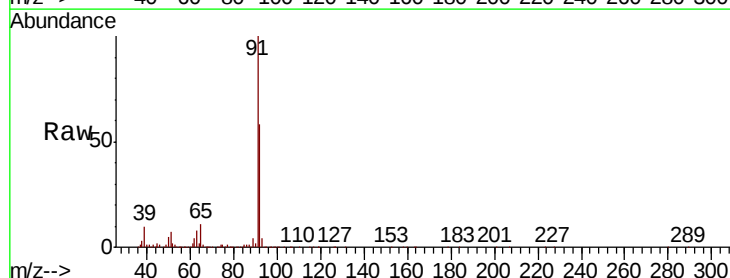
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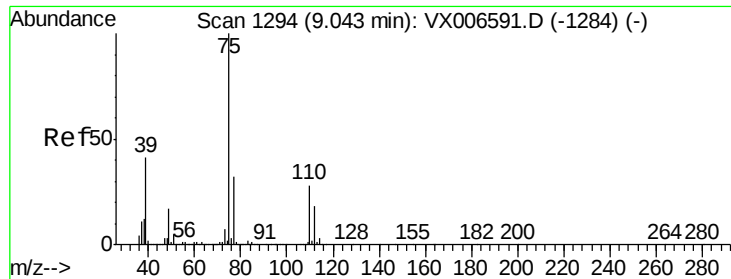
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#52
Toluene
Concen: 46.829 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion: 92 Resp: 641666
Ion Ratio Lower Upper
92 100
91 174.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.359 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 347180

Ion Ratio Lower Upper

75 100

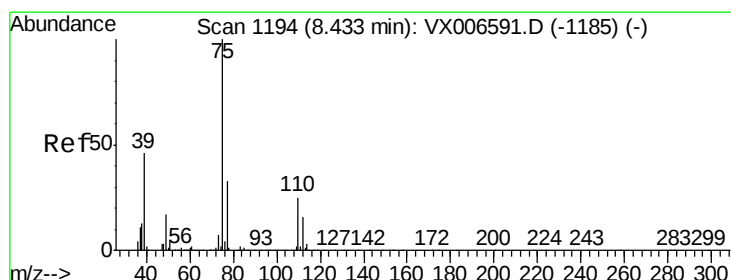
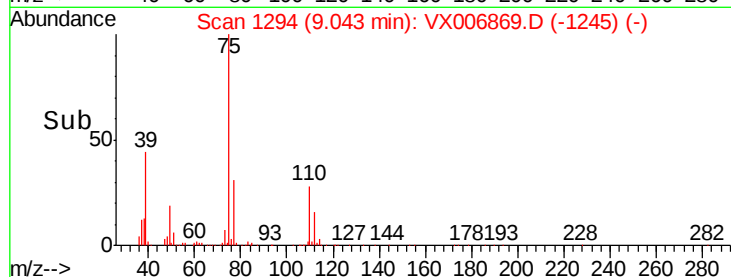
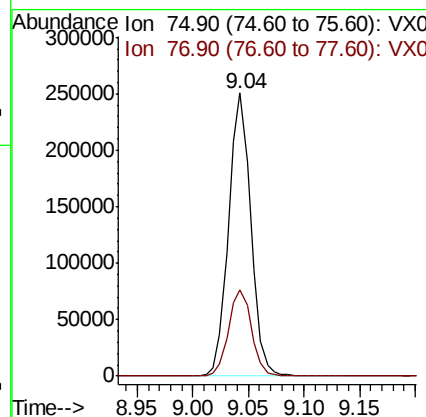
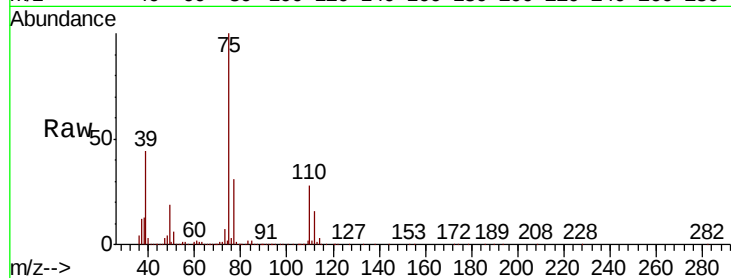
77 30.5 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 51.618 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

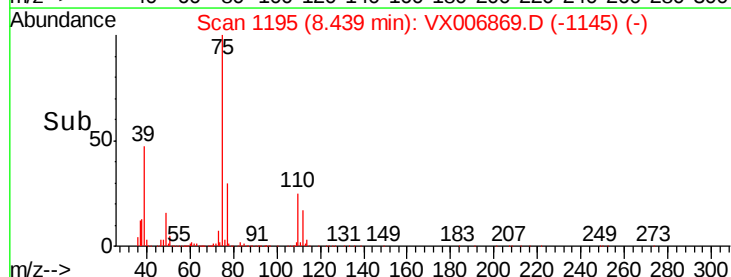
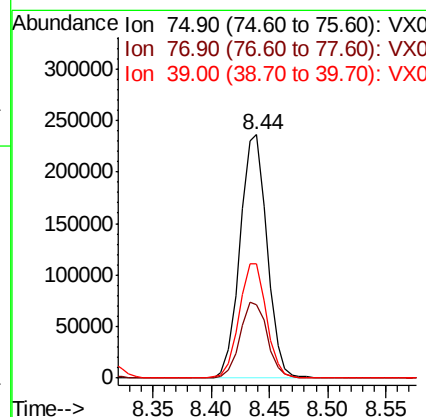
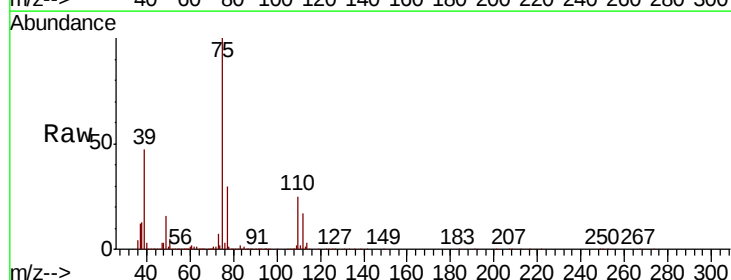
Tgt Ion: 75 Resp: 382865

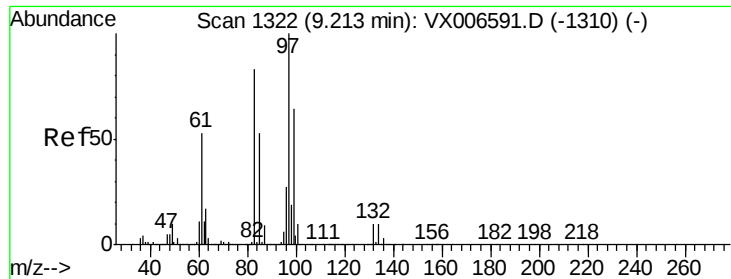
Ion Ratio Lower Upper

75 100

77 30.0 26.2 39.2

39 46.6 36.7 55.1





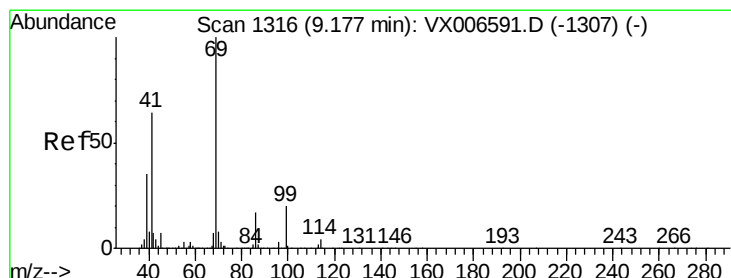
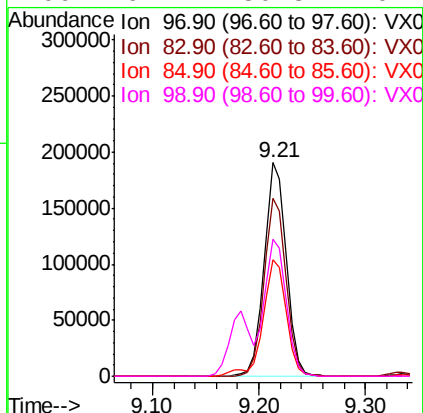
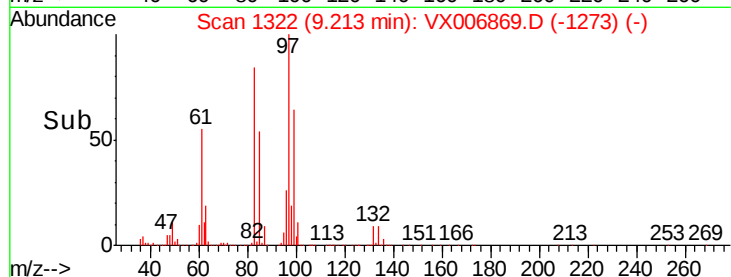
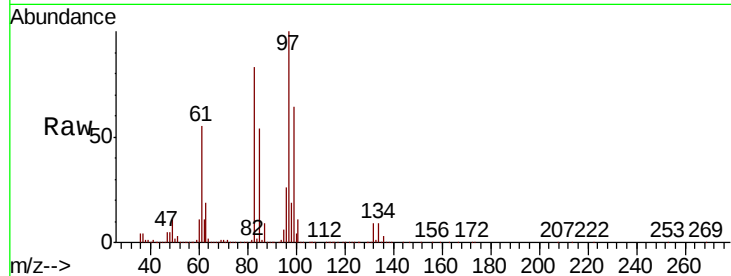
#55
 1,1,2-Trichloroethane
 Concen: 49.625 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		278328		
83	83.4	66.6	99.8		
85	54.3	42.7	64.1		
99	64.1	50.8	76.2		

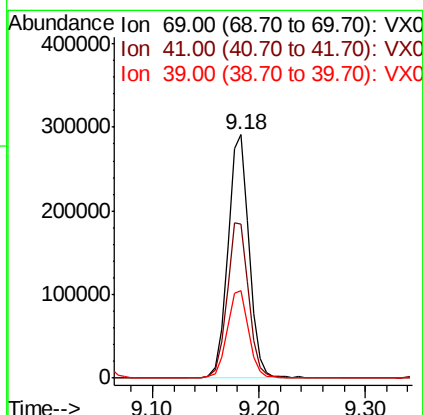
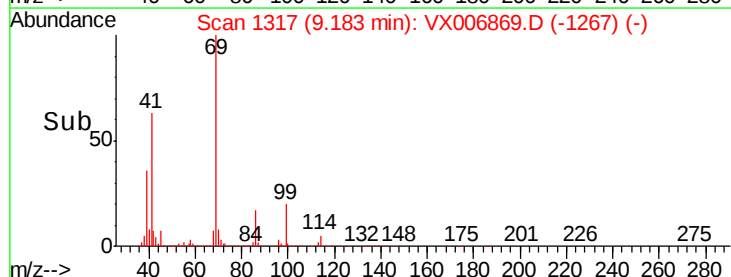
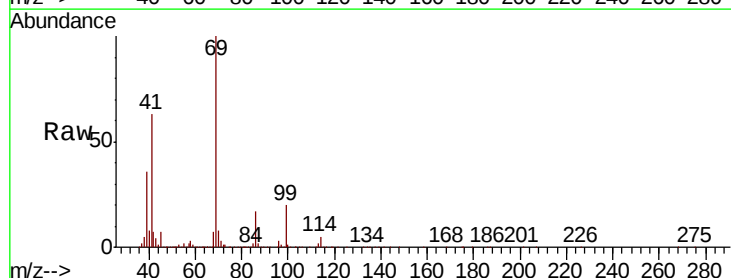
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#56
 Ethyl methacrylate
 Concen: 51.140 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		405393		
41	64.5	48.7	73.1		
39	36.6	27.0	40.6		





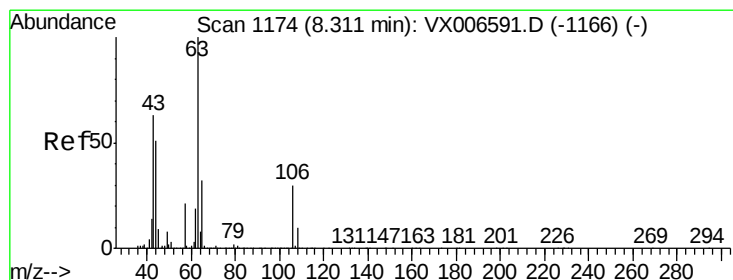
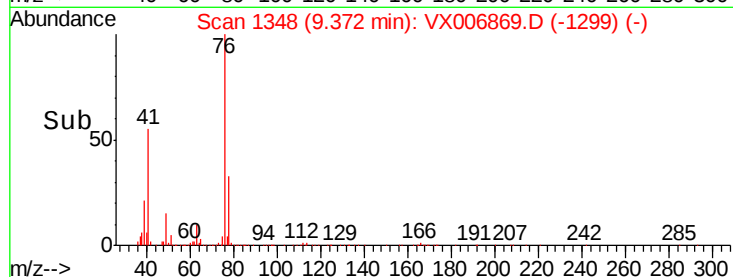
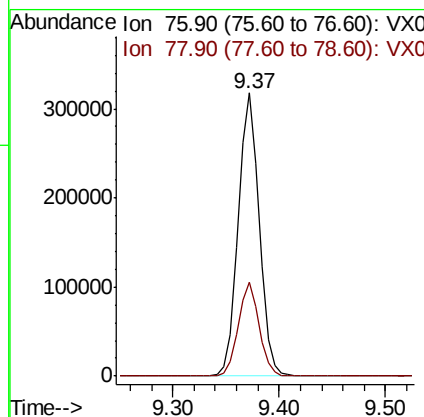
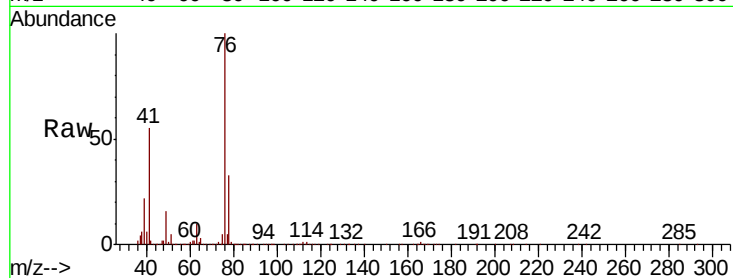
#57
 1,3-Dichloropropane
 Concen: 48.872 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.0	39.0

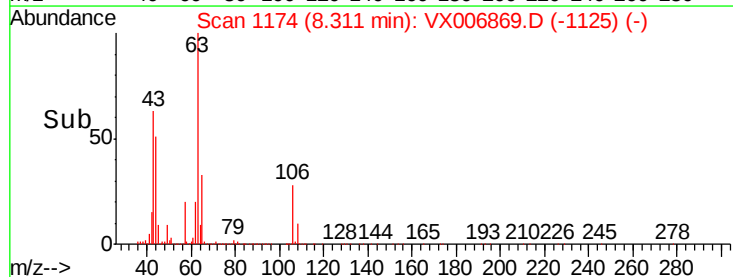
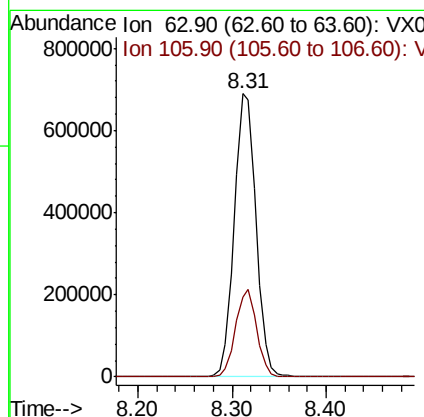
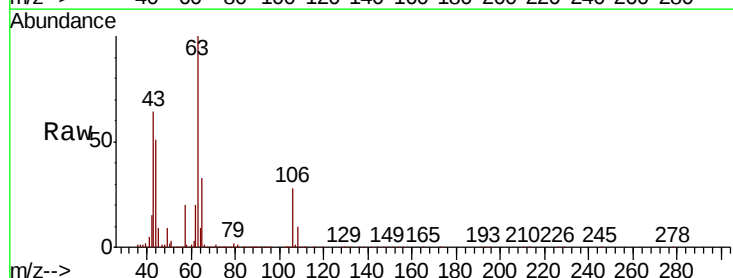
Manual Integrations
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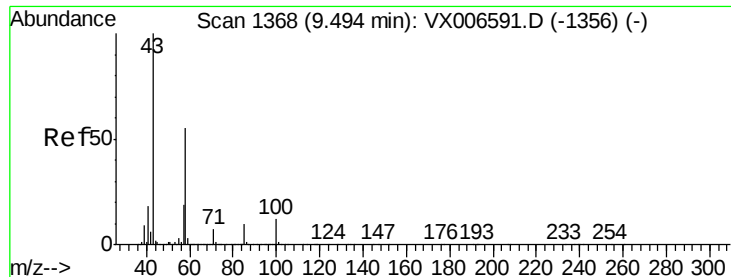
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#58
 2-Chloroethyl Vinyl ether
 Concen: 261.658 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.6	36.8





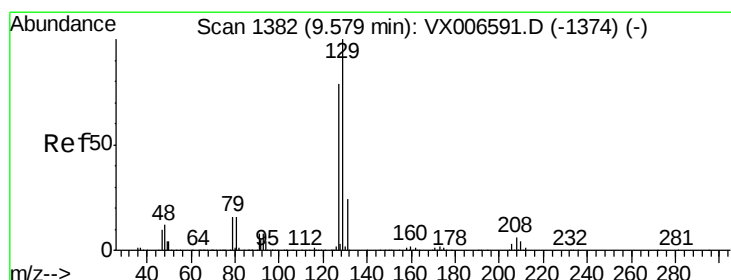
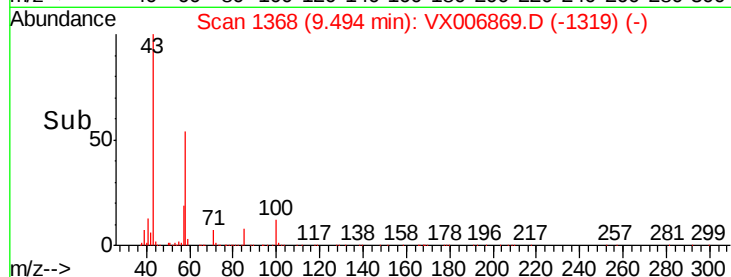
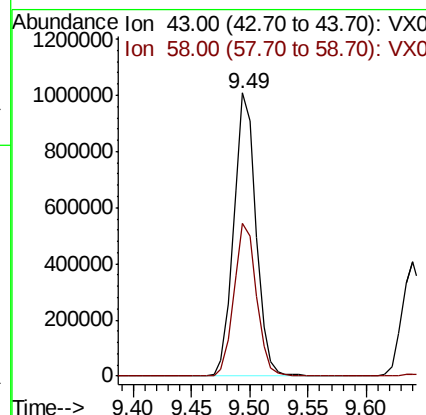
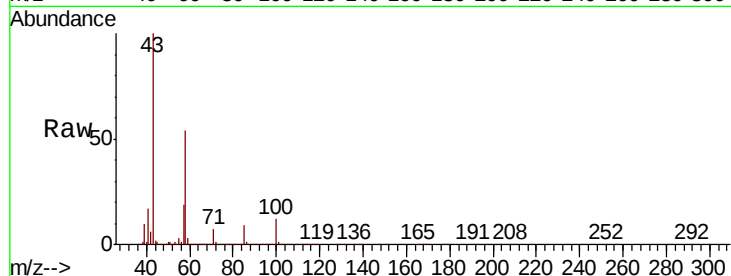
#59
2-Hexanone
Concen: 249.212 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1340624
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1

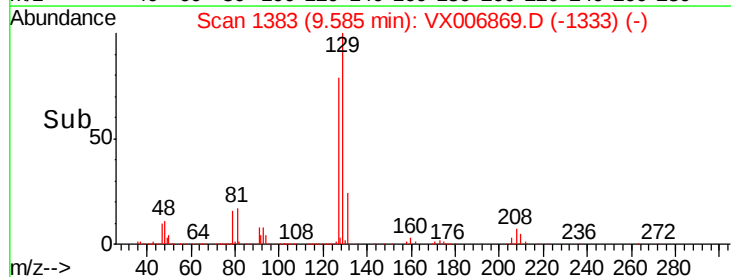
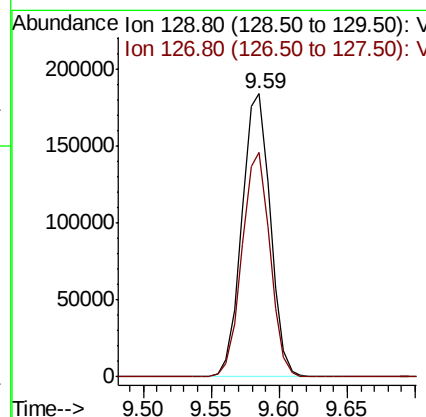
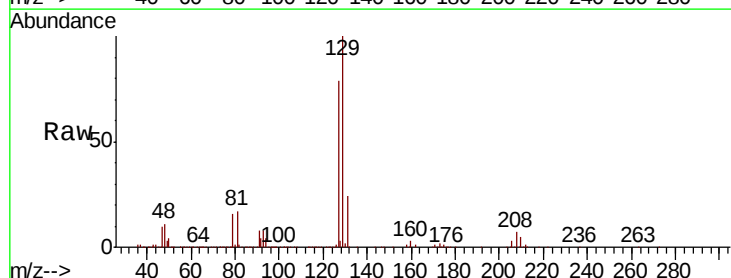
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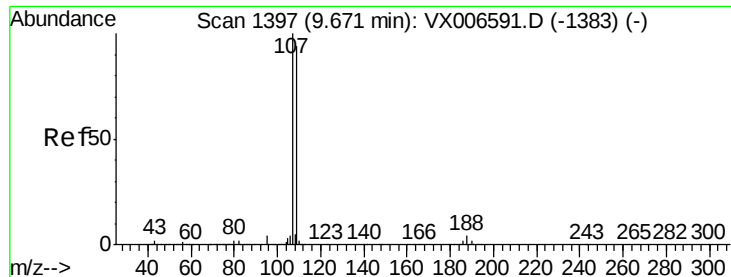
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#60
Dibromochloromethane
Concen: 45.969 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion: 129 Resp: 268502
Ion Ratio Lower Upper
129 100
127 78.3 39.3 117.8





#61

1,2-Dibromoethane

Concen: 49.739 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 296553

Ion Ratio Lower Upper

107 100

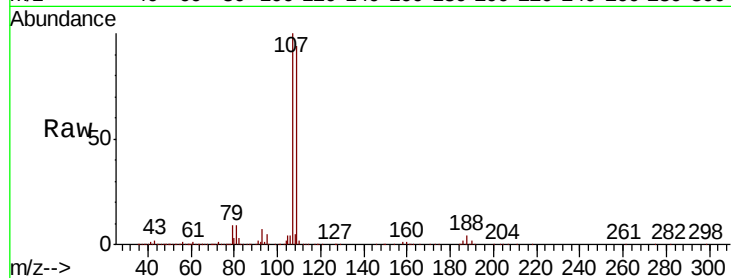
109 94.6 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

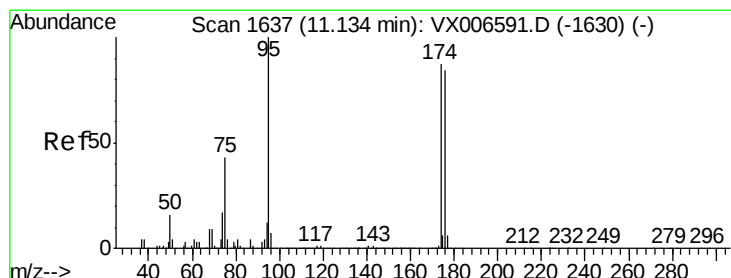
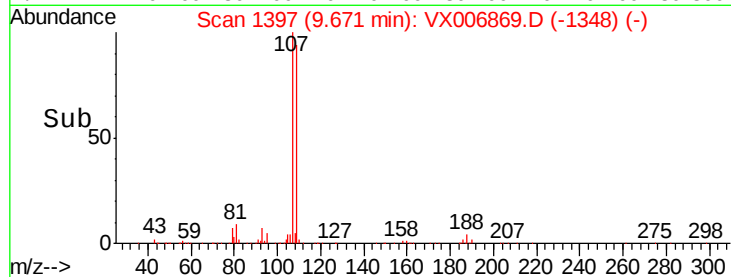
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.174 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

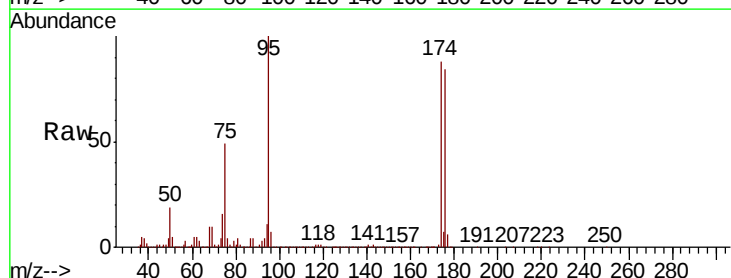
Tgt Ion: 95 Resp: 347015

Ion Ratio Lower Upper

95 100

174 95.3 0.0 182.2

176 91.7 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

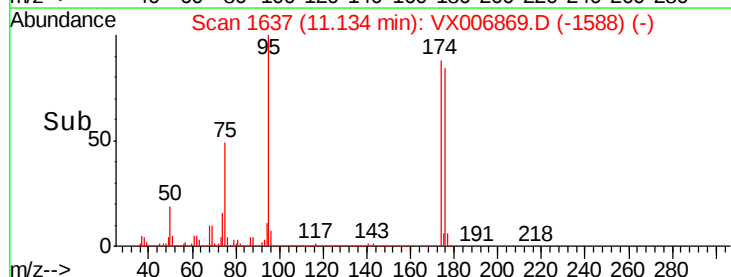
200000

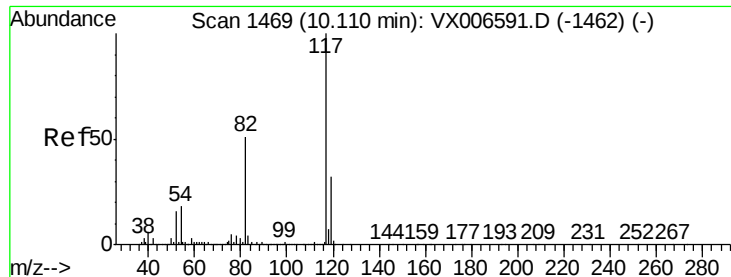
100000

0

11.10 11.20

Time-->





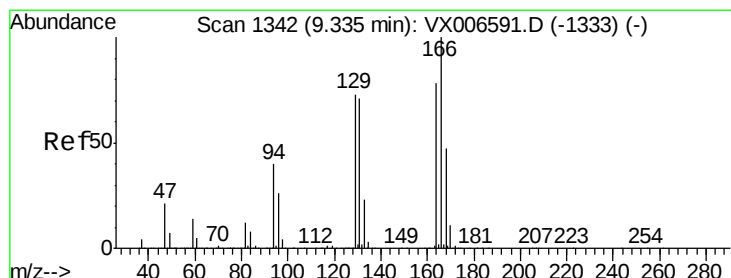
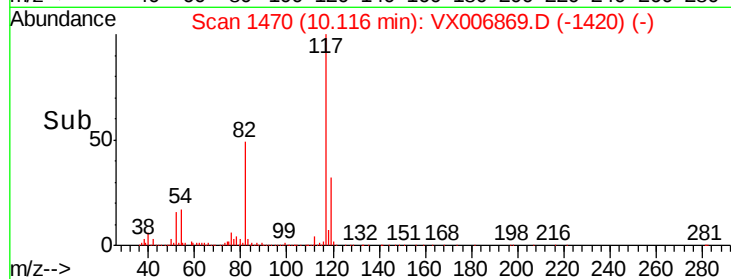
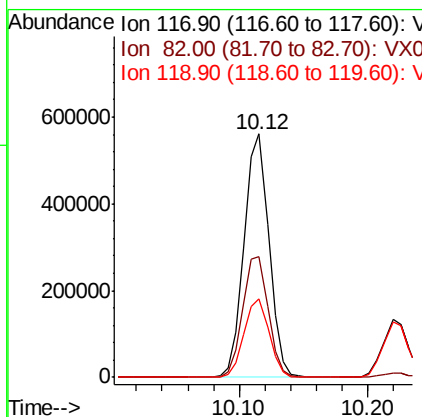
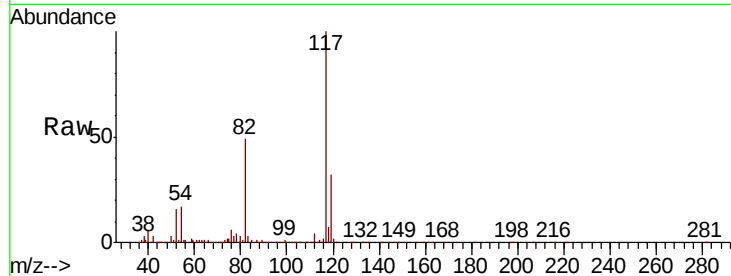
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	49.3	41.0	61.6
119	32.3	25.4	38.0

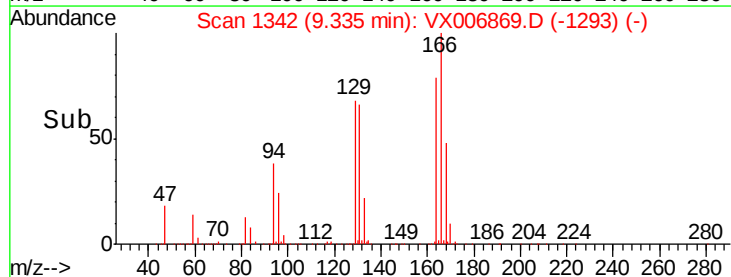
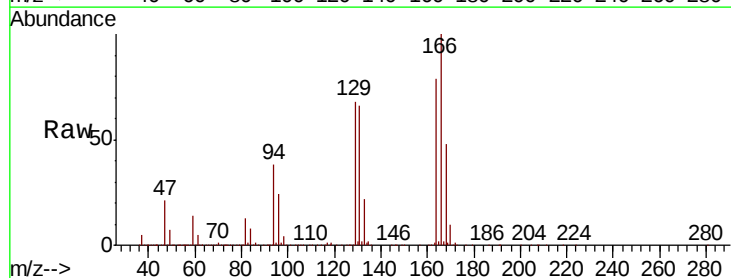
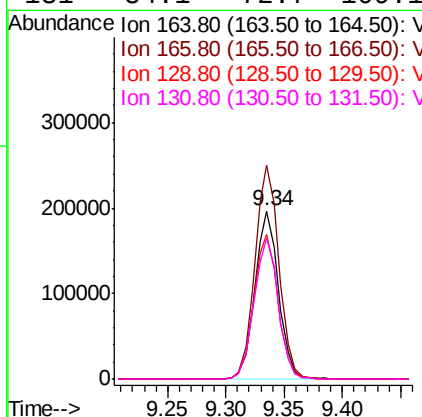
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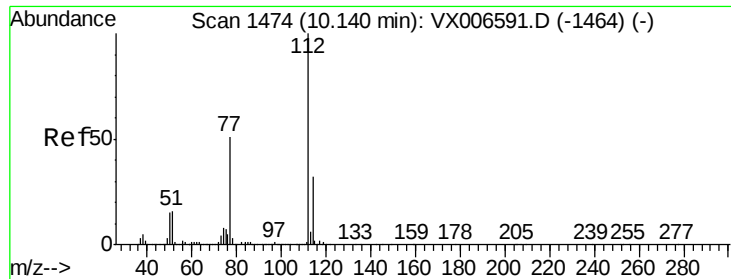
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#64
Tetrachloroethene
Concen: 46.750 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.9	102.5	153.7
129	85.9	75.1	112.7
131	84.1	72.7	109.1





#65

Chlorobenzene

Concen: 47.701 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 754507

Ion Ratio Lower Upper

112 100

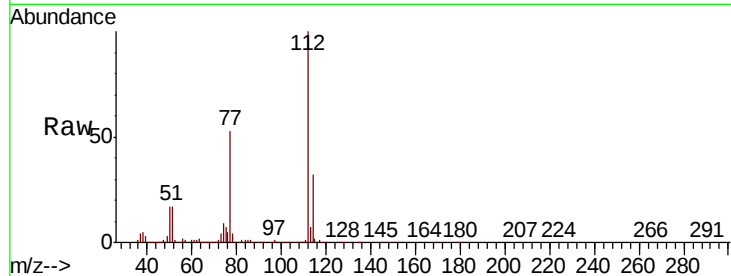
114 32.4 25.7 38.5

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

600000

500000

400000

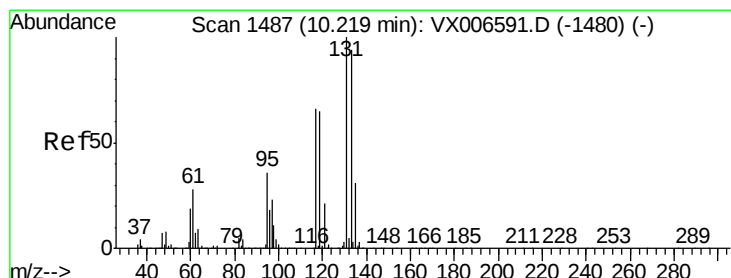
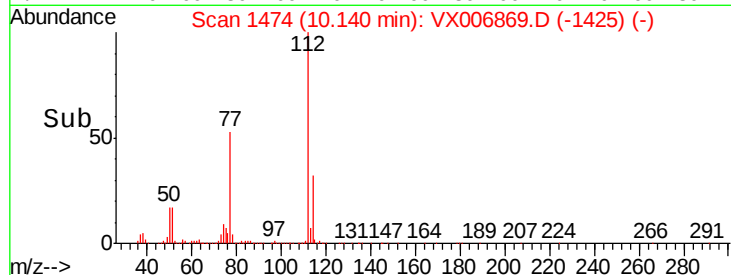
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 55.044 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

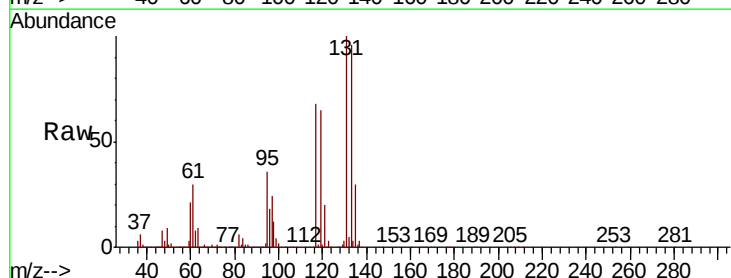
Tgt Ion:131 Resp: 271640

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

119 63.8 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

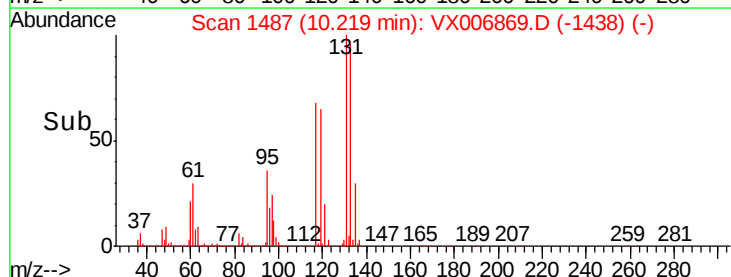
150000

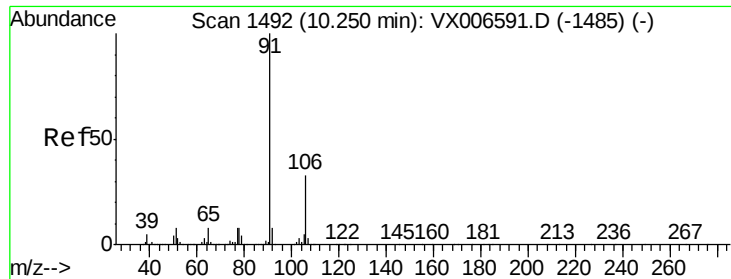
100000

50000

0

Time--> 10.20 10.30





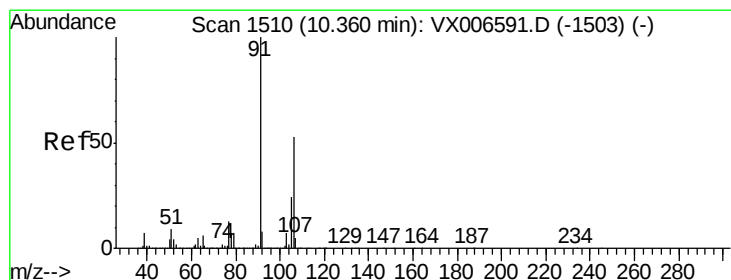
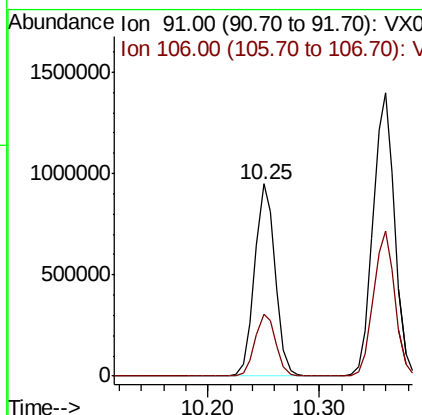
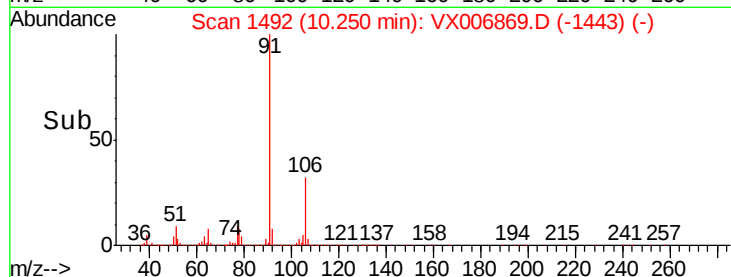
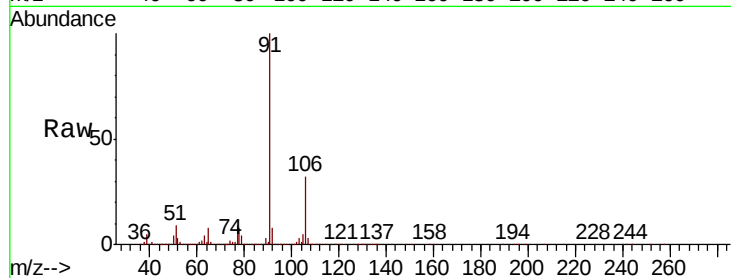
#67
Ethyl Benzene
Concen: 47.294 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1222388
Ion Ratio Lower Upper
91 100
106 32.3 26.4 39.6

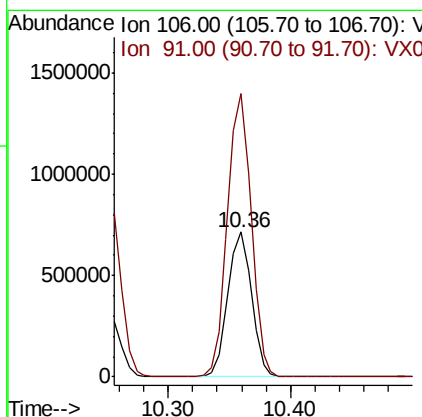
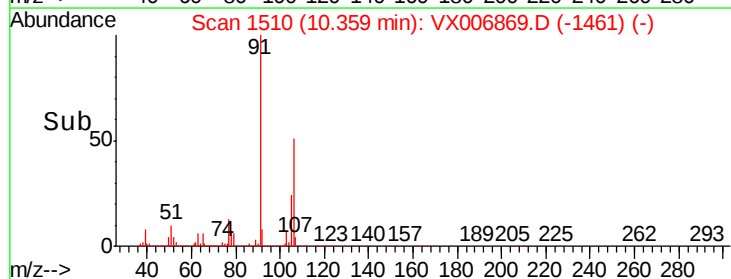
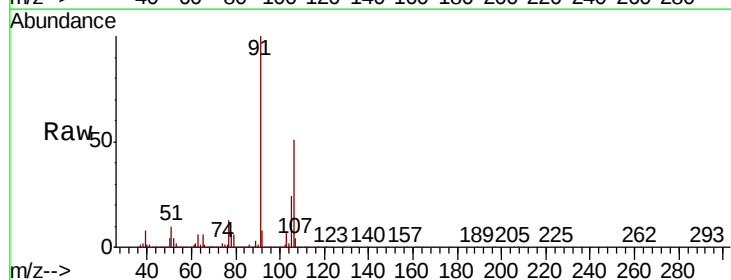
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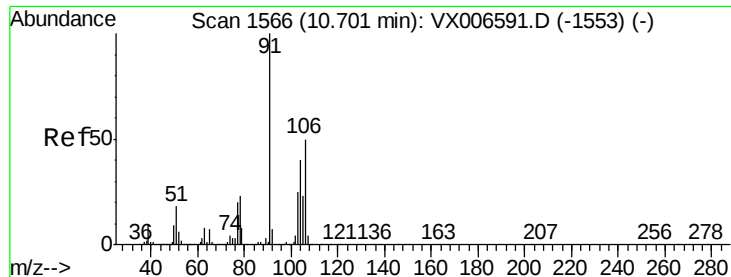
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#68
m/p-Xylenes
Concen: 94.263 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion: 106 Resp: 961391
Ion Ratio Lower Upper
106 100
91 196.1 155.8 233.6





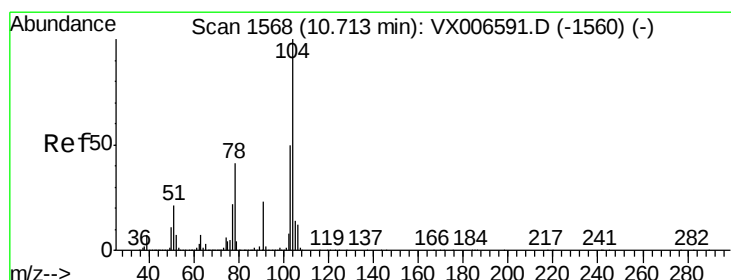
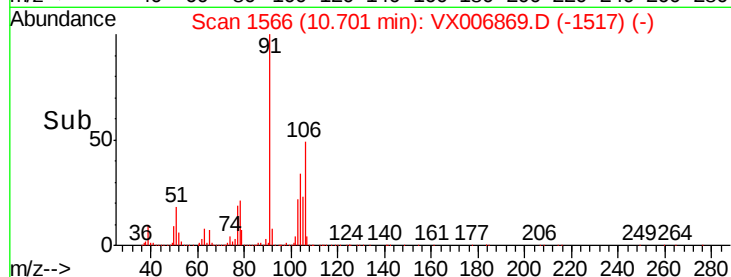
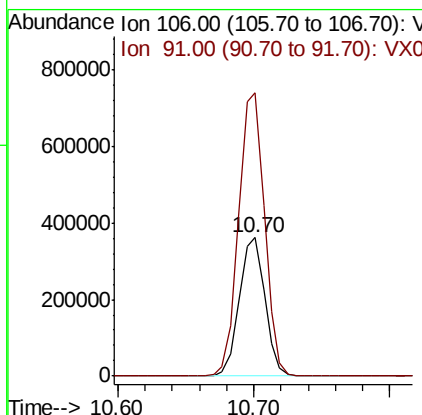
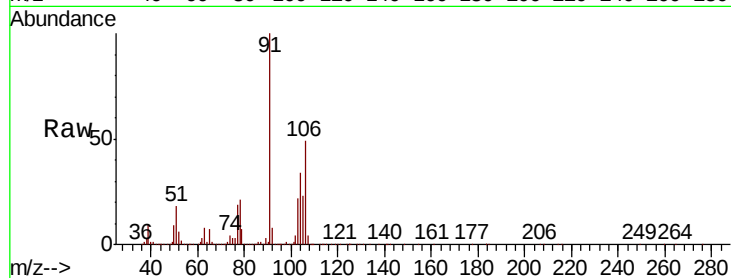
#69
o-Xylene
Concen: 47.048 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 473830
Ion Ratio Lower Upper
106 100
91 207.1 101.3 303.7

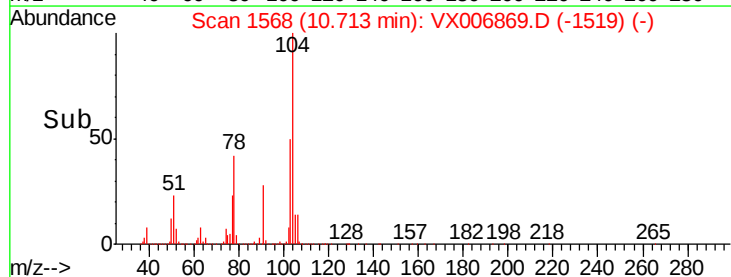
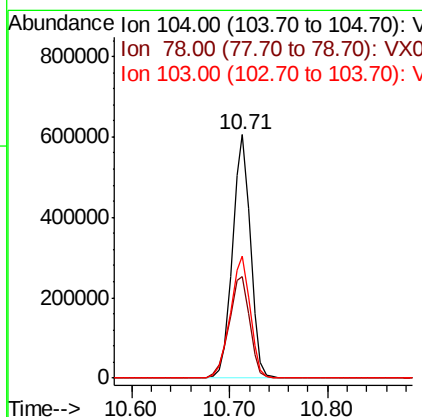
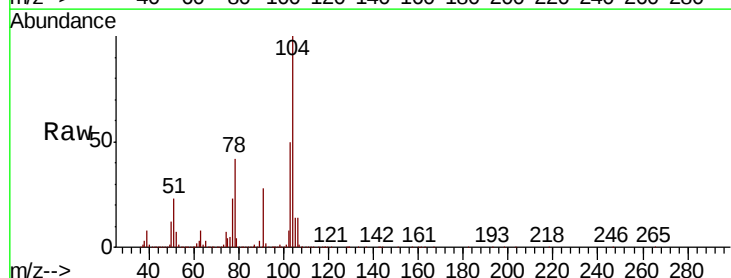
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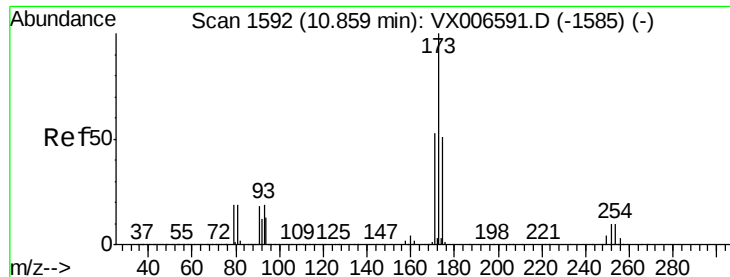
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#70
Styrene
Concen: 48.358 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion:104 Resp: 770515
Ion Ratio Lower Upper
104 100
78 48.2 37.7 56.5
103 55.6 43.8 65.8





#71

Bromoform

Concen: 44.253 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

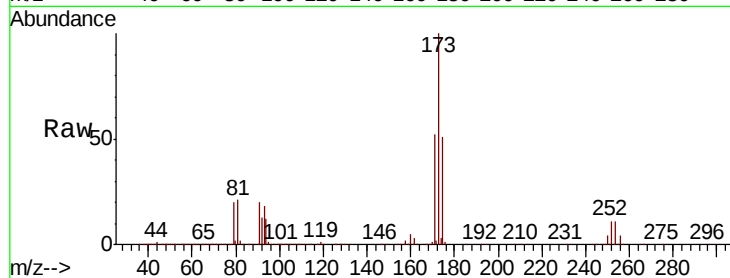
ClientSampleId :

VSTDCCC050EC

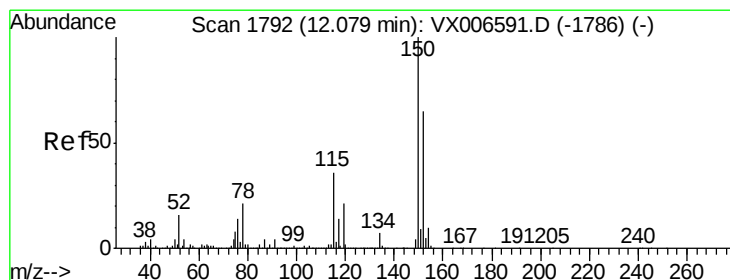
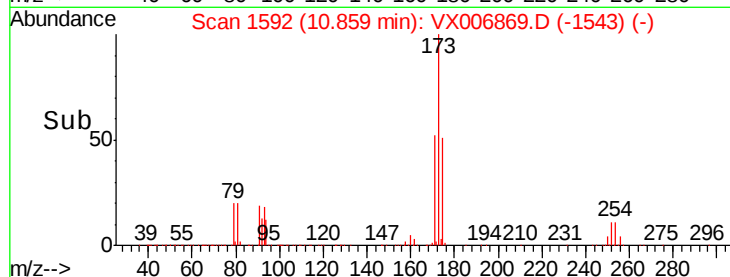
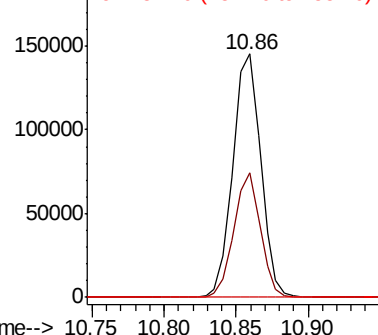
Tot Ion:	173	Resp:	194480
Ion Ratio	Lower	Upper	
173	100		
175	48.3	24.7	74.1
254	0.1	0.2	0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

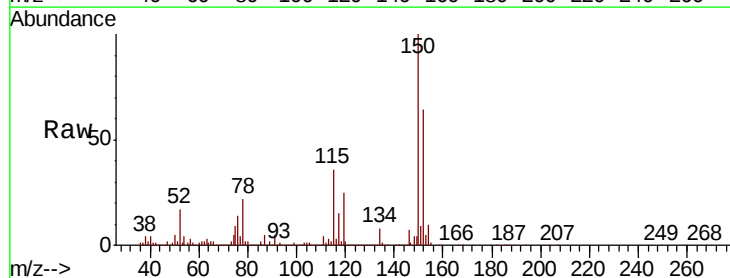
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

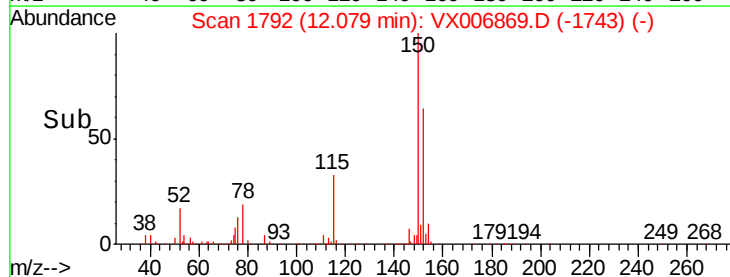
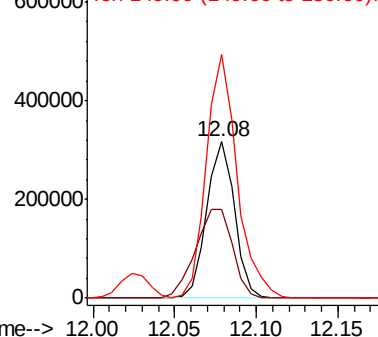
Lab File: VX006869.D

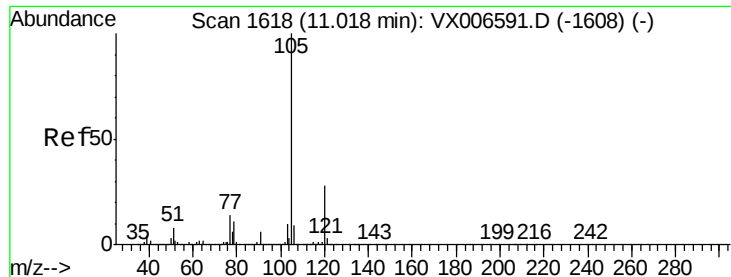
Acq: 28 Dec 2018 18:46

Tgt Ion:	152	Resp:	376511
Ion Ratio	Lower	Upper	
152	100		
115	75.7	39.1	117.2
150	171.9	0.0	344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.075 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1238304

Ion Ratio Lower Upper

105 100

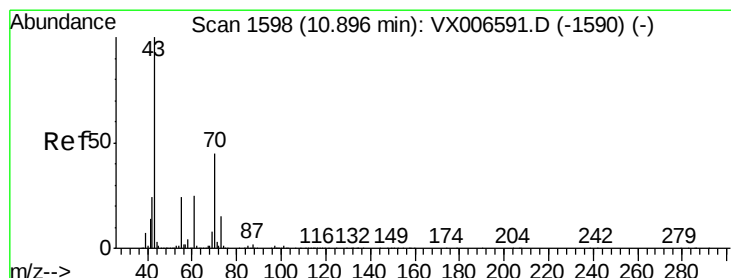
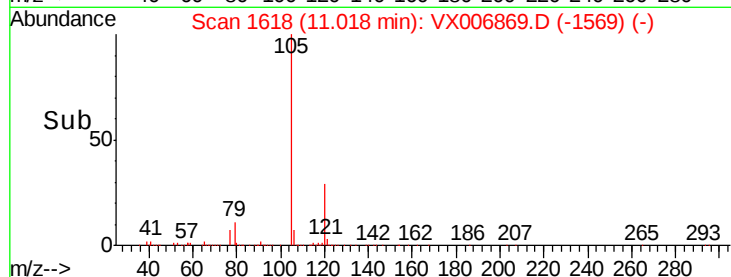
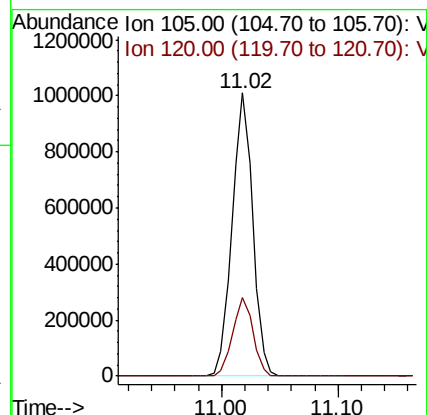
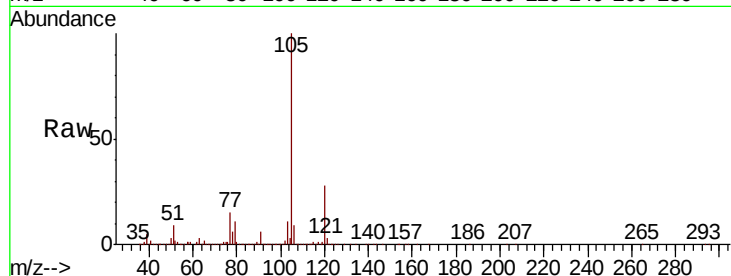
120 27.7 14.1 42.4

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#74

N-ethyl acetate

Concen: 56.949 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Tgt Ion: 43 Resp: 525060

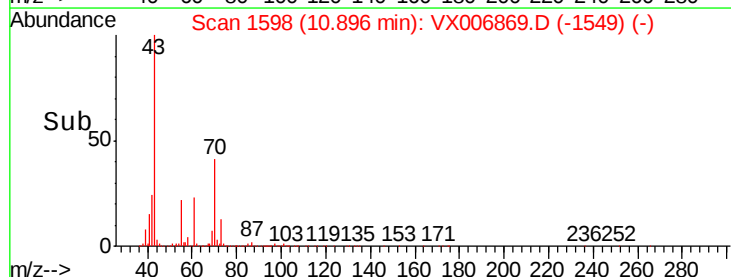
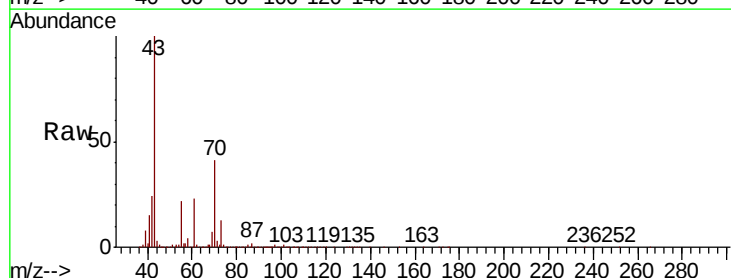
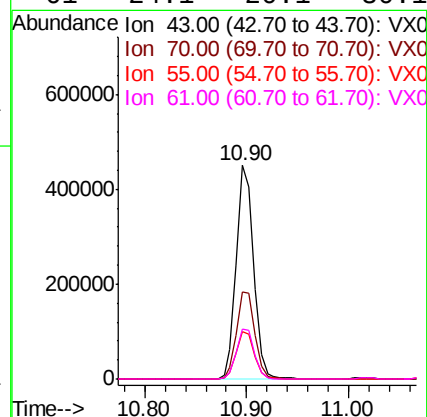
Ion Ratio Lower Upper

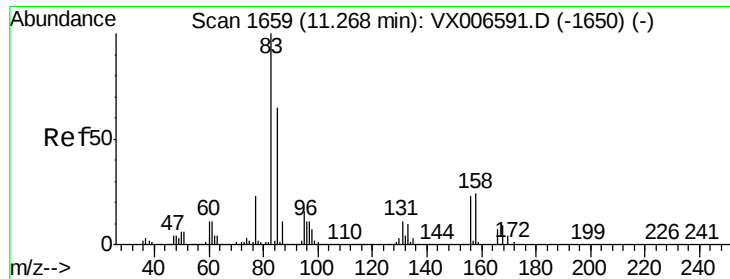
43 100

70 42.5 35.8 53.8

55 23.5 19.4 29.0

61 24.1 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.274 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 400442

Ion Ratio Lower Upper

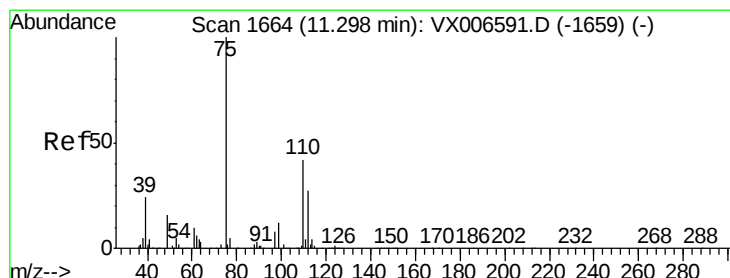
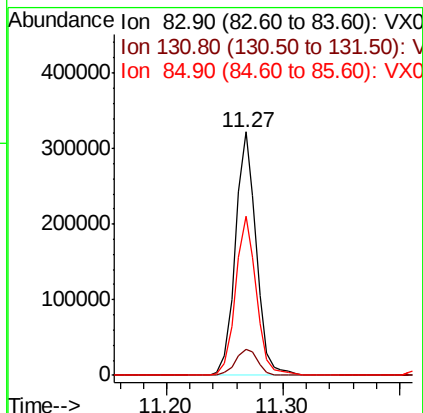
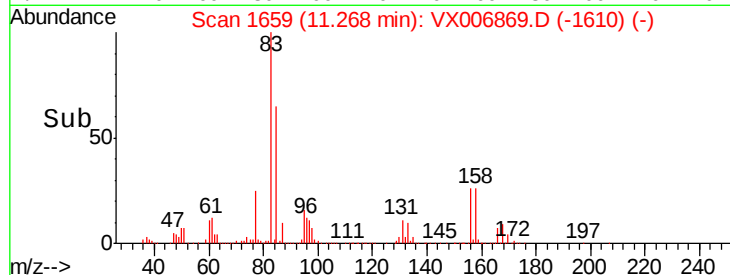
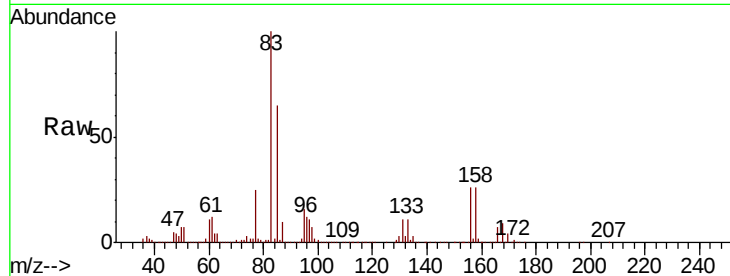
83 100

131 11.6 5.7 17.1

85 65.1 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 52.422 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006869.D

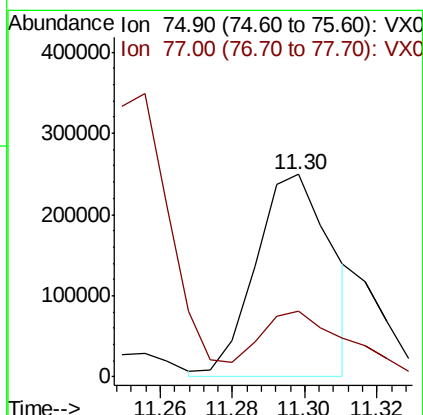
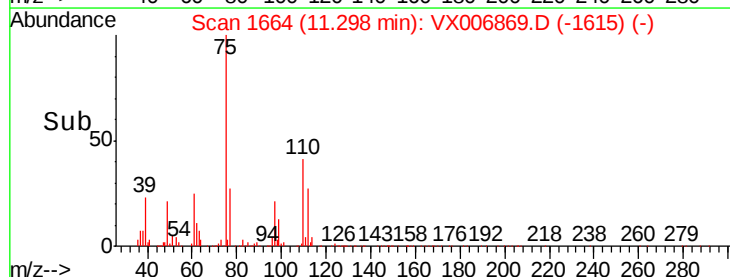
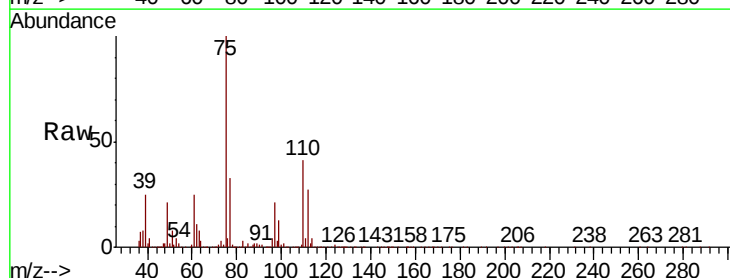
Acq: 28 Dec 2018 18:46

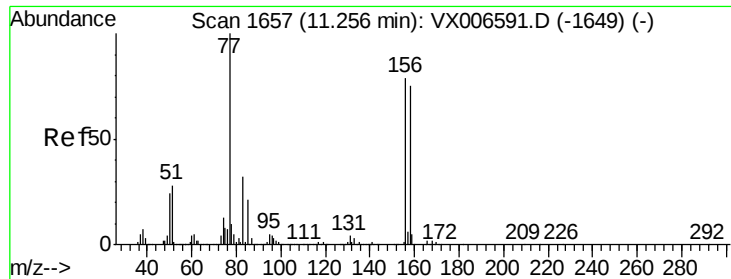
Tgt Ion: 75 Resp: 366803

Ion Ratio Lower Upper

75 100

77 37.5 18.5 55.5





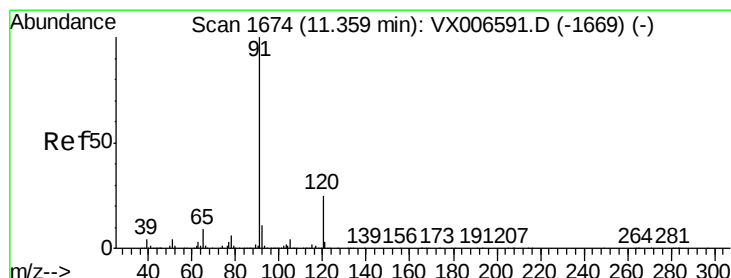
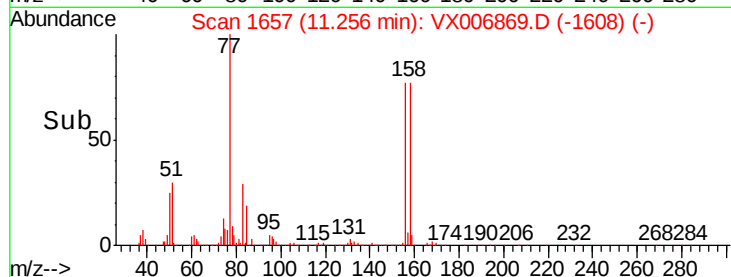
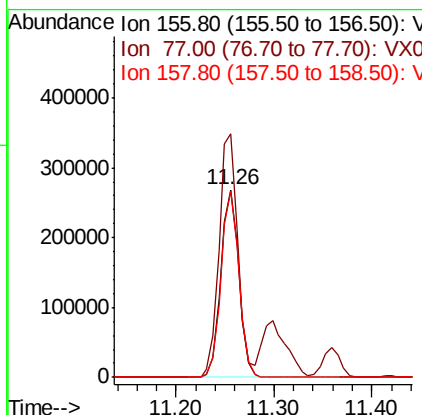
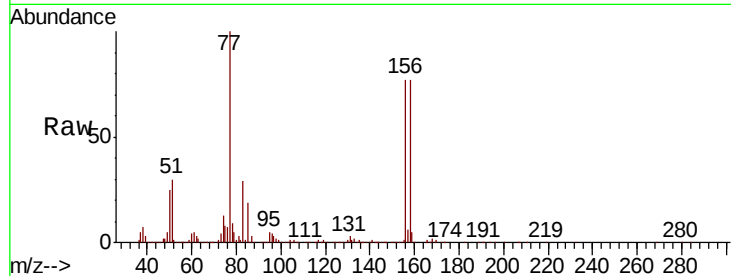
#77
Bromobenzene
Concen: 49.414 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.8	68.0	204.0
158	98.2	48.3	144.8

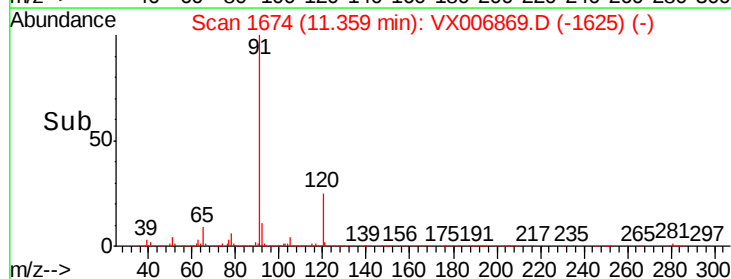
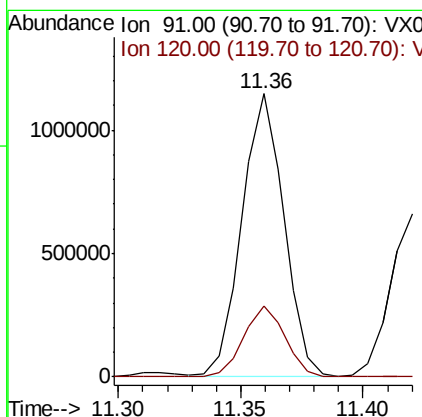
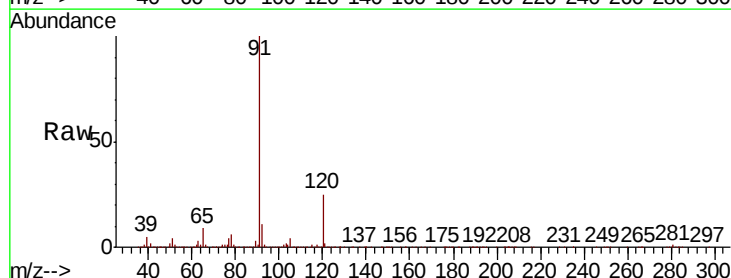
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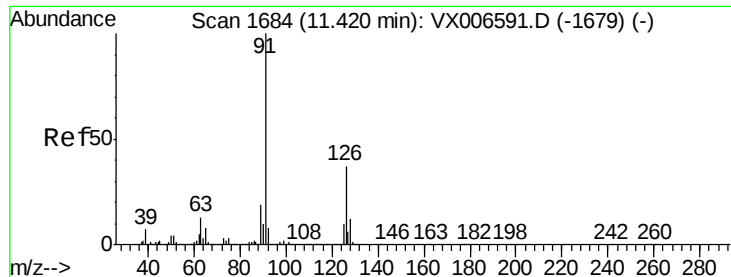
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#78
n-propylbenzene
Concen: 48.067 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.7	38.0





#79

2-Chlorotoluene

Concen: 46.901 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 806193

Ion Ratio Lower Upper

91 100

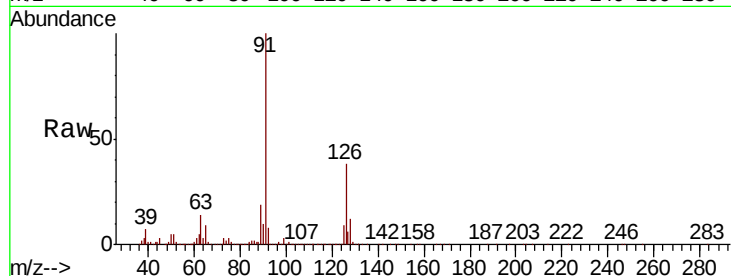
126 37.8 18.6 56.0

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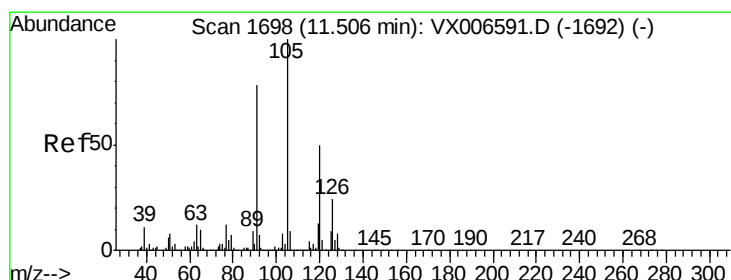
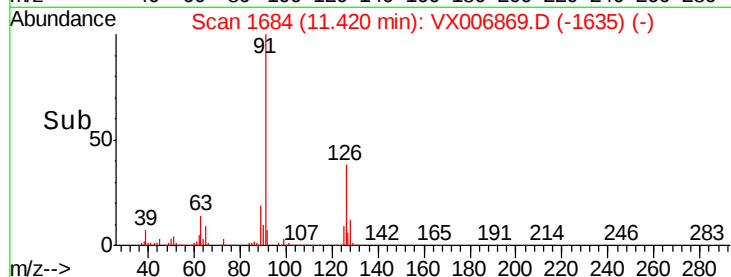
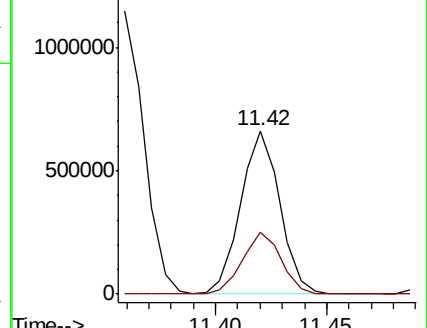
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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.632 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006869.D

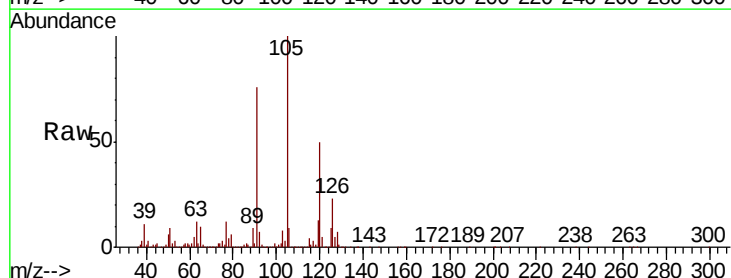
Acq: 28 Dec 2018 18:46

Tgt Ion: 105 Resp: 1010562

Ion Ratio Lower Upper

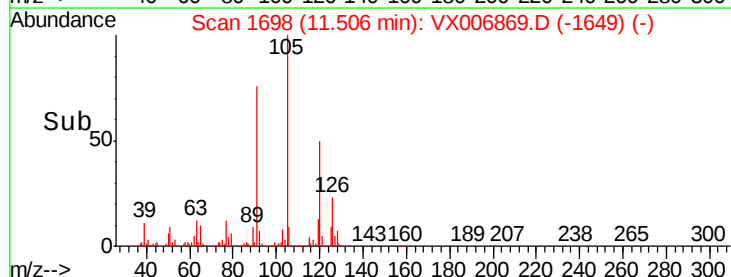
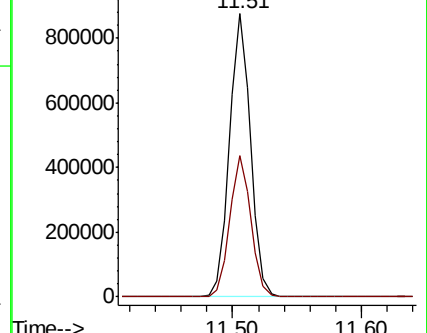
105 100

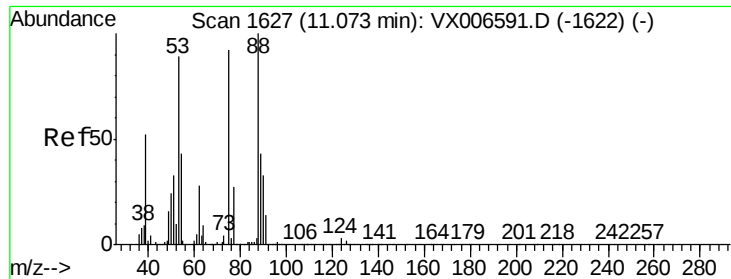
120 50.1 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)





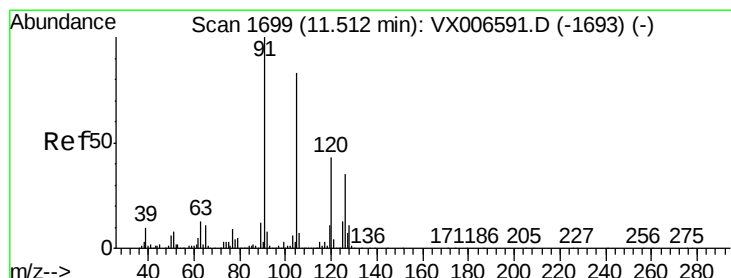
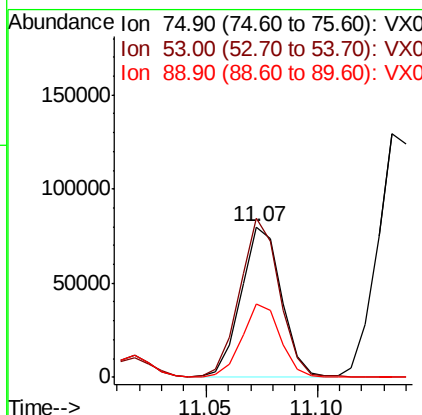
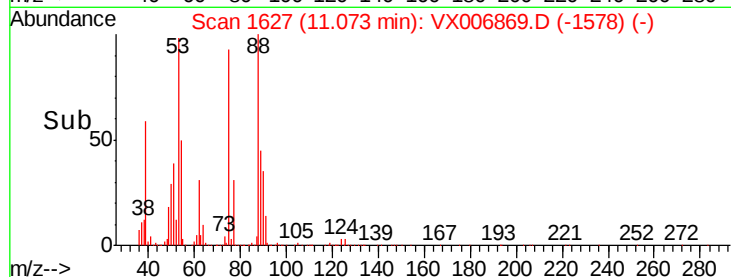
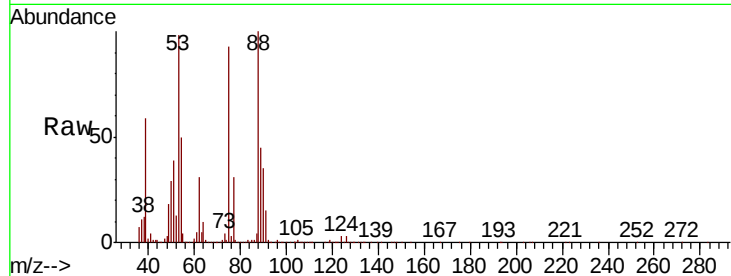
#81
trans-1,4-Dichloro-2-butene
Concen: 44.297 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.9	79.7	119.5
89	47.0	38.0	57.0

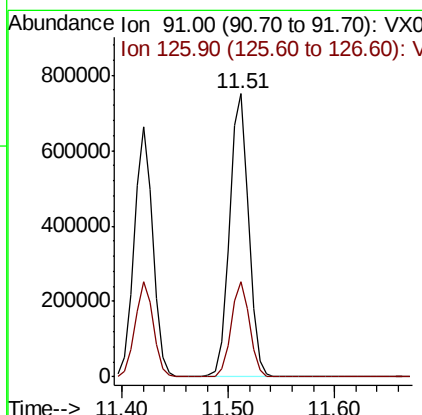
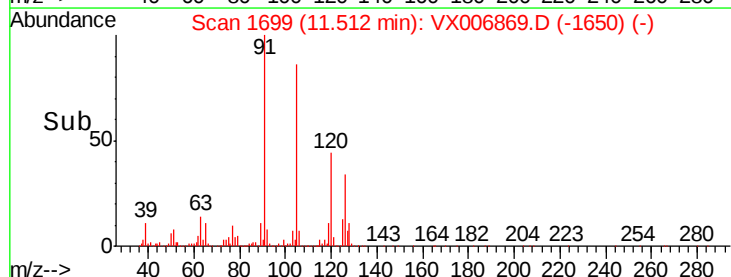
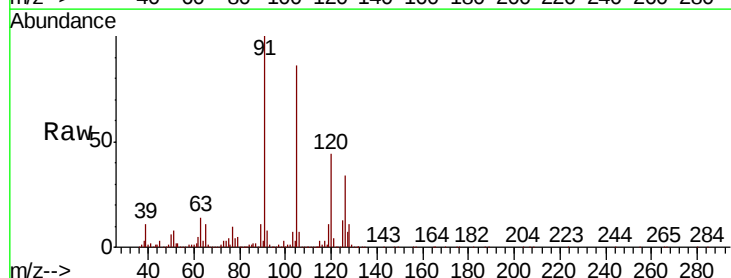
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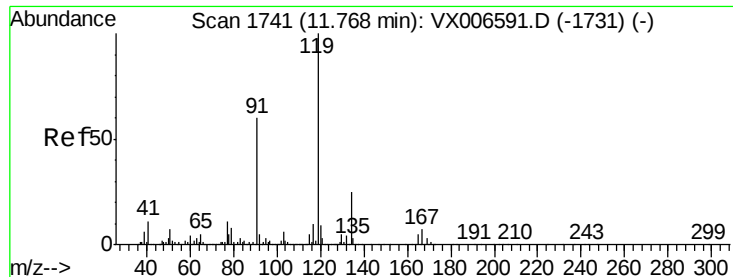
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#82
4-Chlorotoluene
Concen: 47.814 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.9





#83

tert-Butylbenzene

Concen: 48.377 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

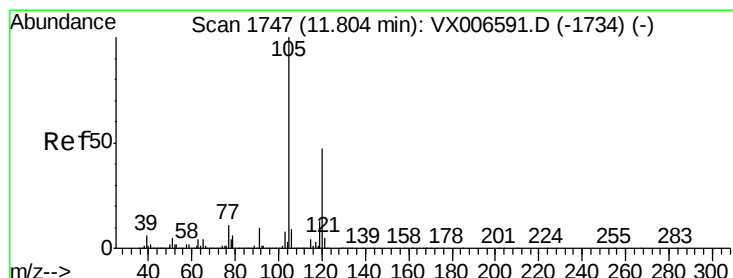
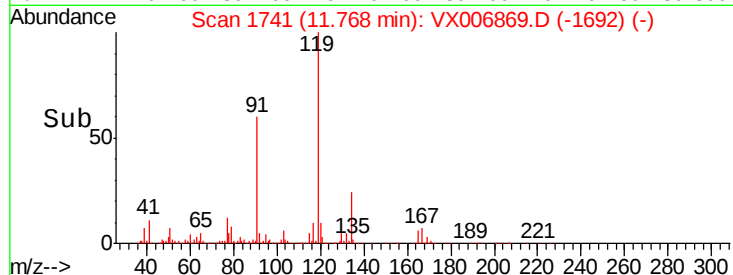
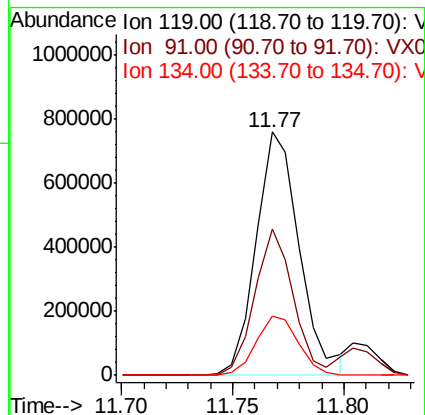
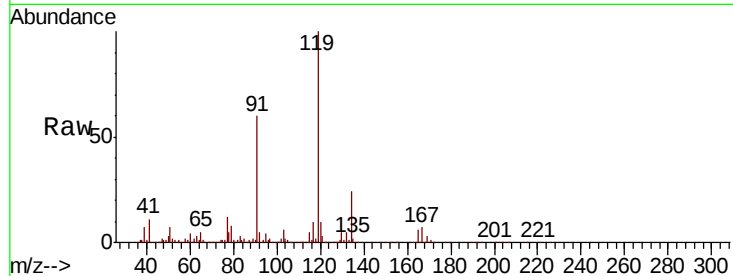
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1027235
Ion	Ratio	Lower	Upper
119	100		
91	53.6	27.7	83.1
134	23.6	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 46.349 ug/l

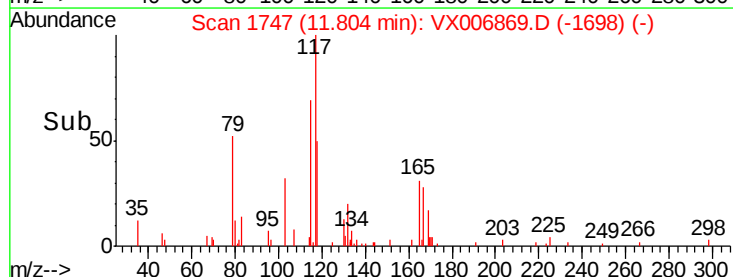
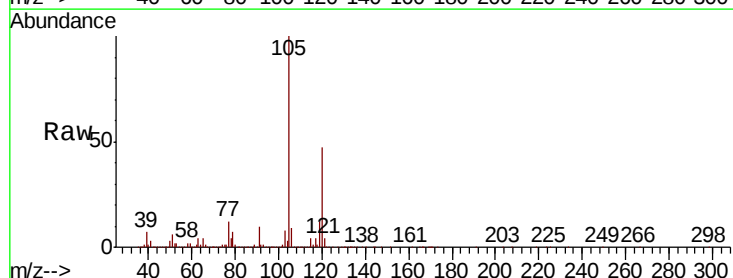
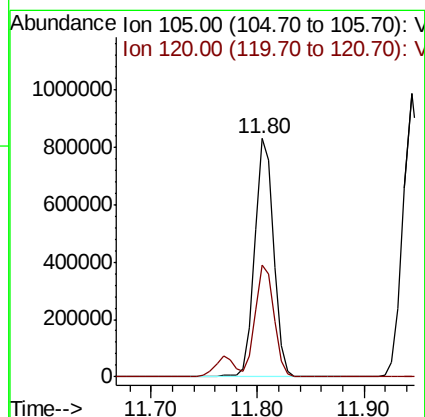
RT: 11.80 min Scan# 1747

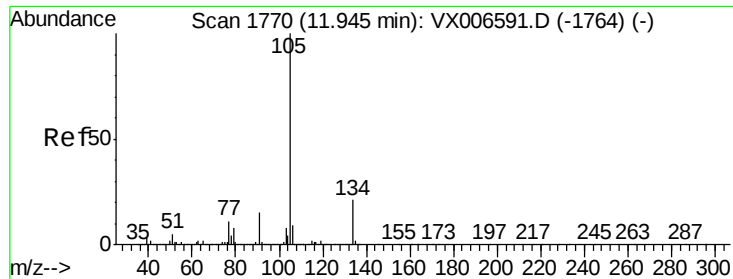
Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Tgt Ion:	105	Resp:	1034310
Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6





#85

sec-Butylbenzene

Concen: 45.348 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1180570

Ion Ratio Lower Upper

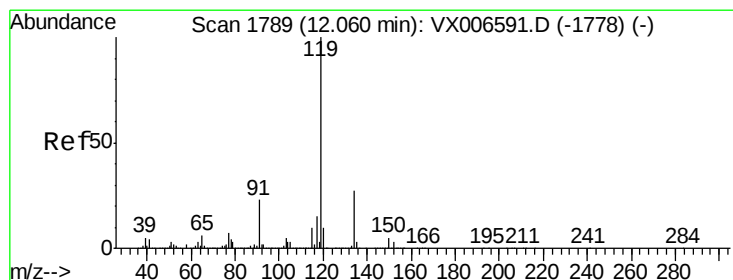
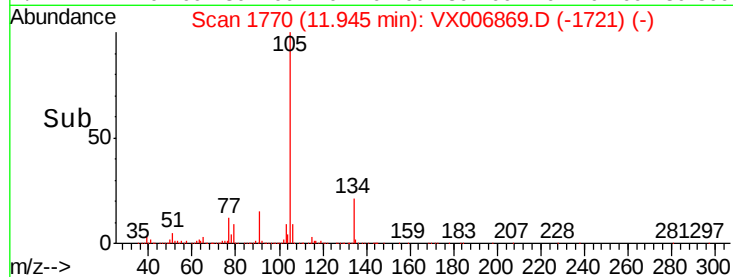
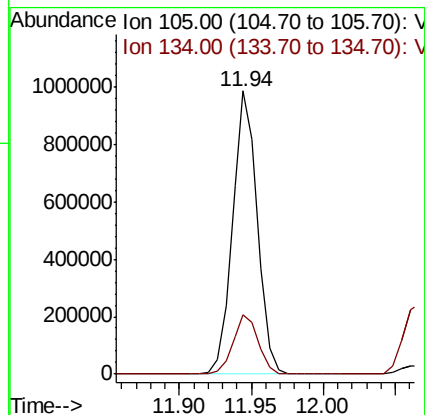
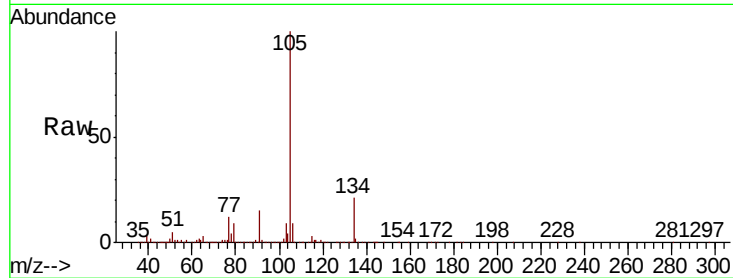
105 100

134 21.3 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 46.418 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

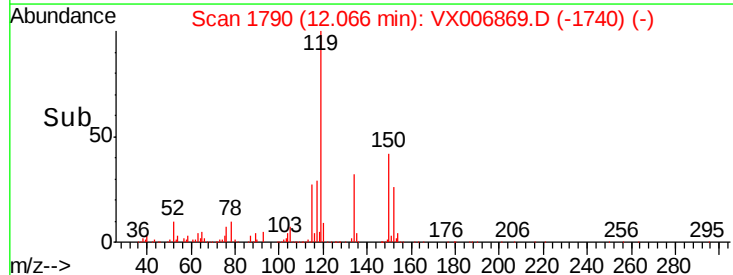
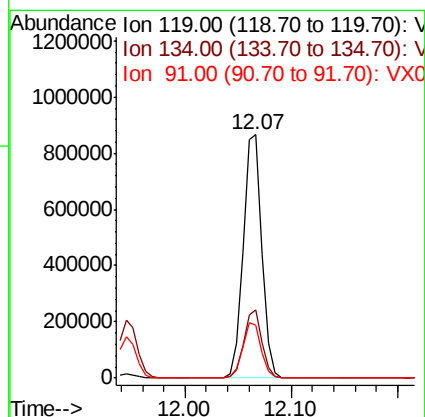
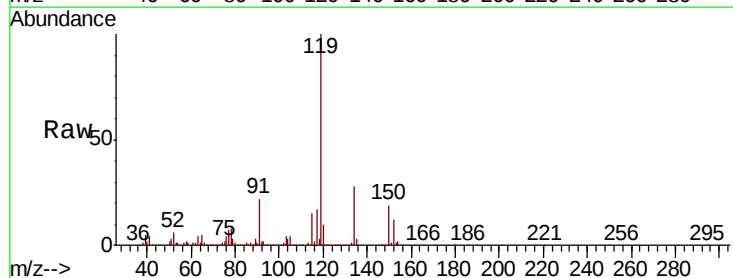
Tgt Ion:119 Resp: 1062270

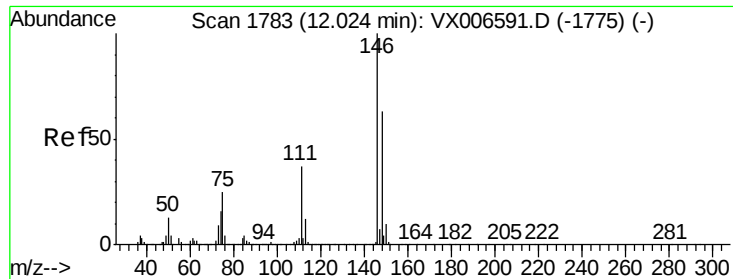
Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

91 22.7 11.3 33.9





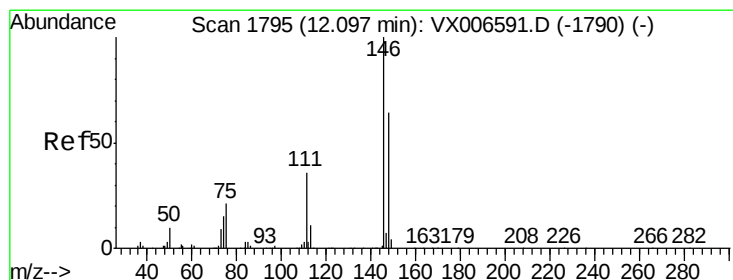
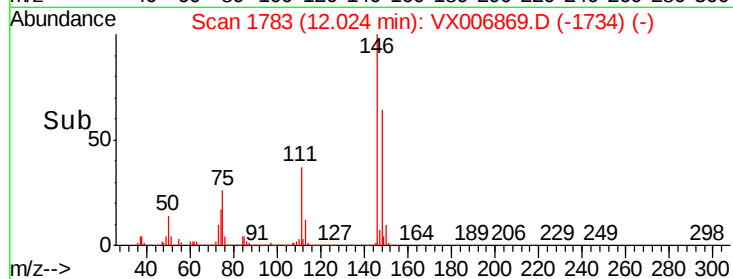
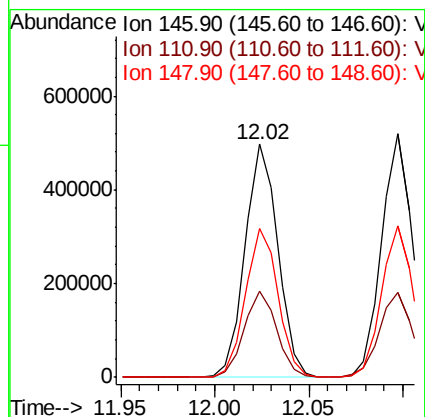
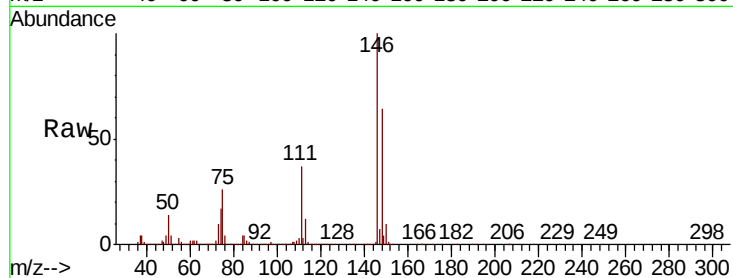
#87
 1,3-Dichlorobenzene
 Concen: 47.810 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.8
148	63.7	31.8	95.3

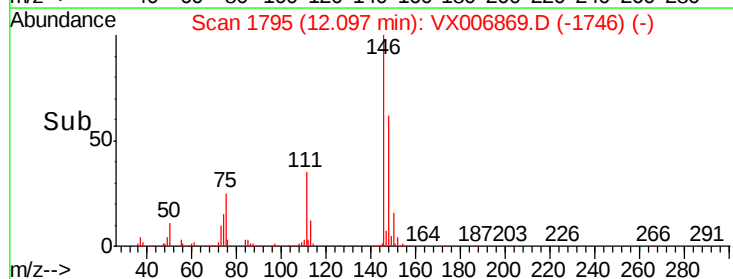
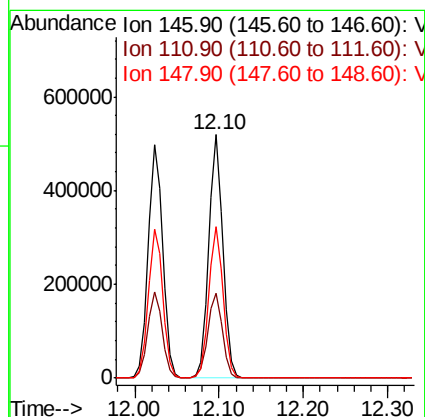
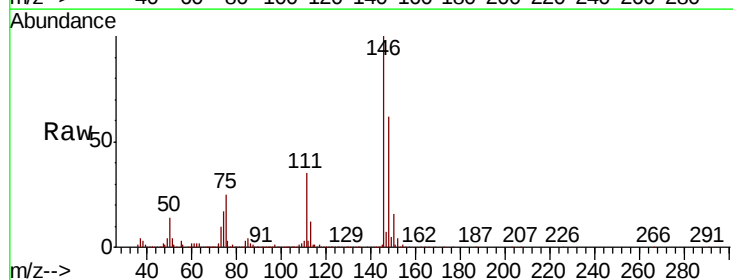
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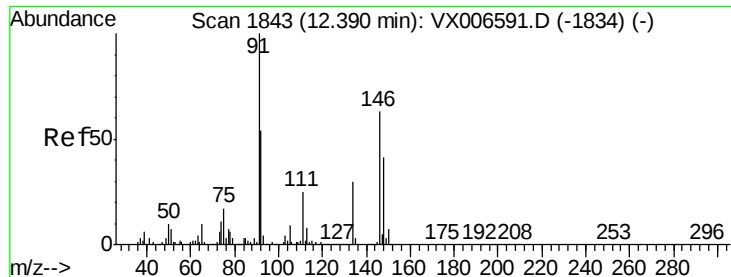
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#88
 1,4-Dichlorobenzene
 Concen: 46.890 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	63.0	31.9	95.9





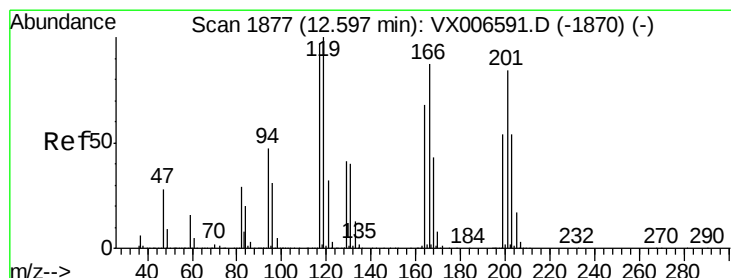
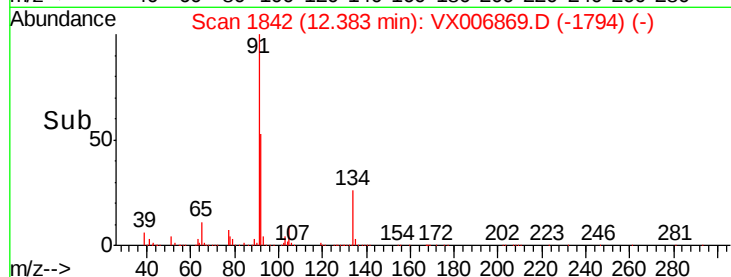
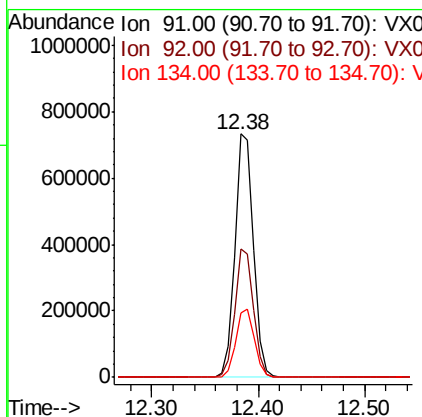
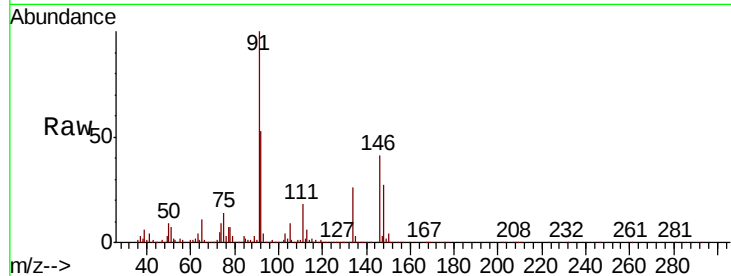
#89
n-Butylbenzene
Concen: 45.784 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.8	80.4
134	28.4	14.4	43.2

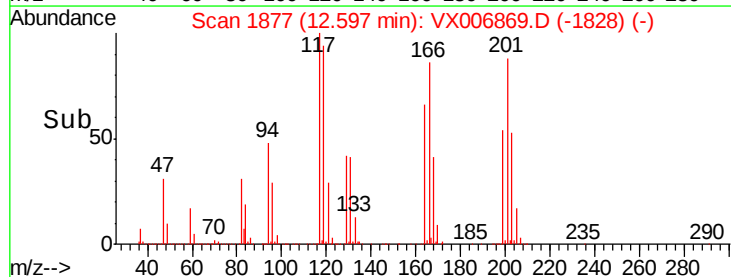
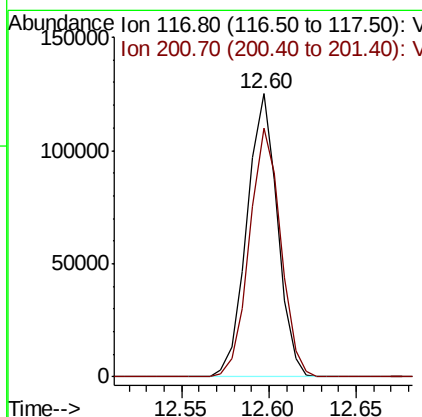
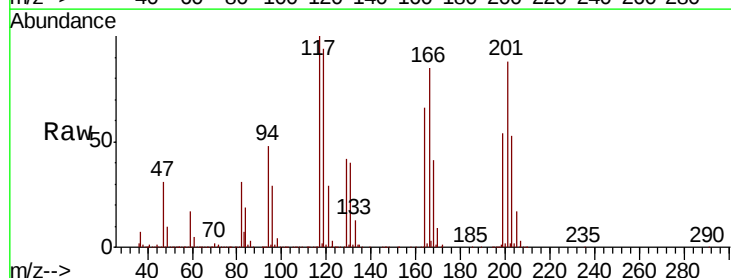
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#90
Hexachloroethane
Concen: 42.984 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 47.602 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Instrument :

MSVOA_X

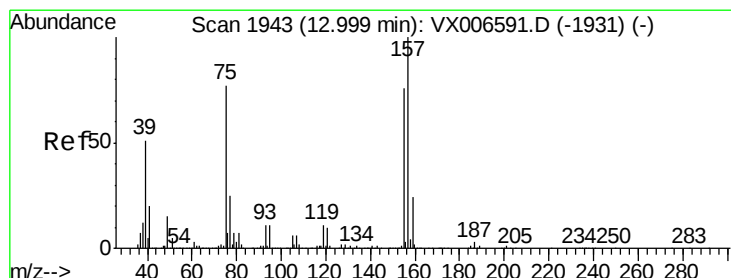
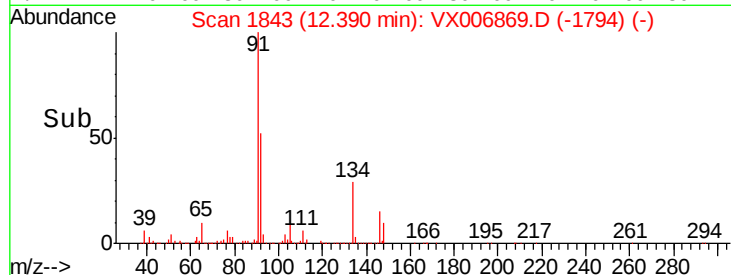
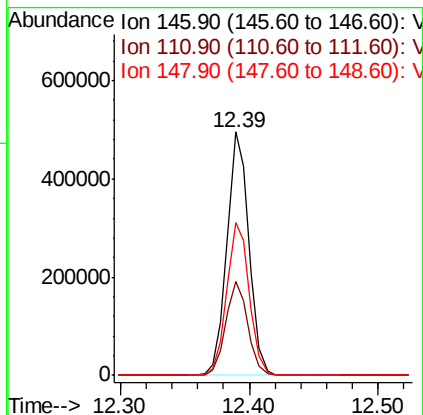
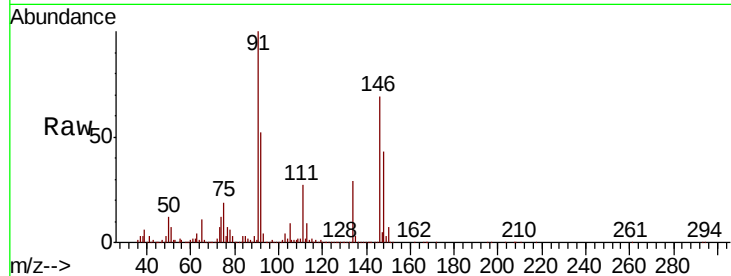
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	597625
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.4	58.2
148	64.1	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 49.696 ug/l

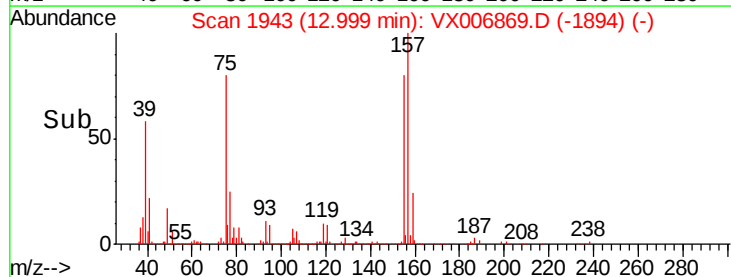
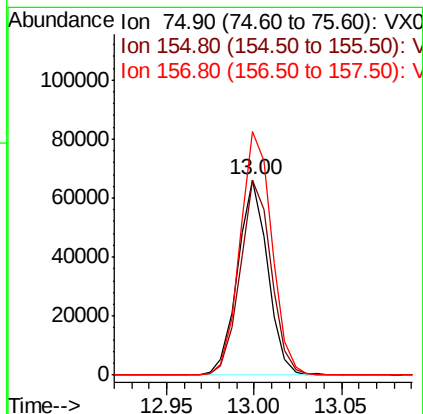
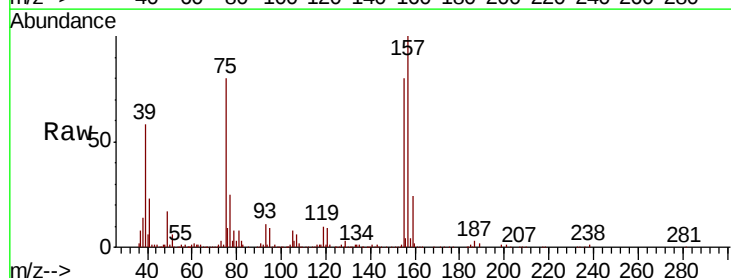
RT: 13.00 min Scan# 1943

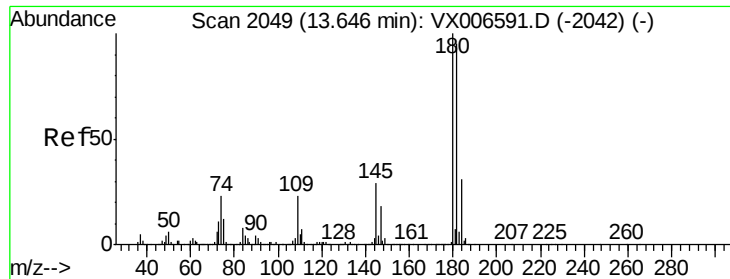
Delta R.T. -0.00 min

Lab File: VX006869.D

Acq: 28 Dec 2018 18:46

Tgt Ion:	75	Resp:	78770
Ion Ratio	Lower	Upper	
75	100		
155	102.4	50.6	151.8
157	132.2	64.6	193.8





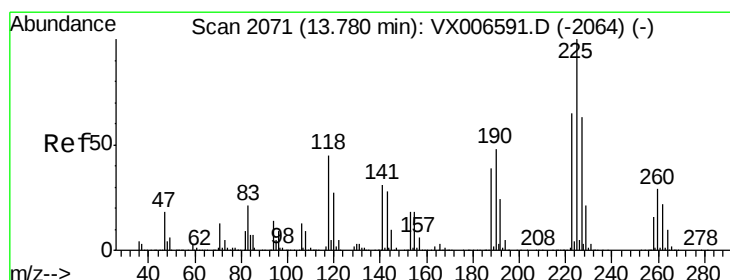
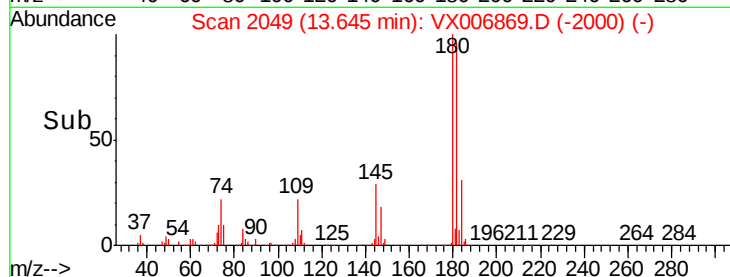
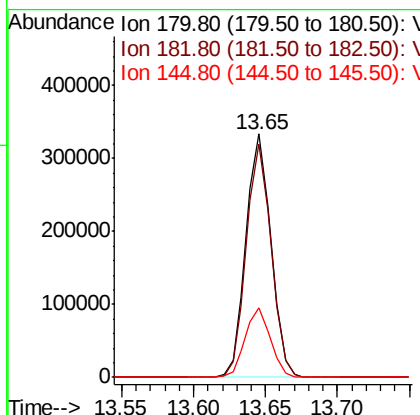
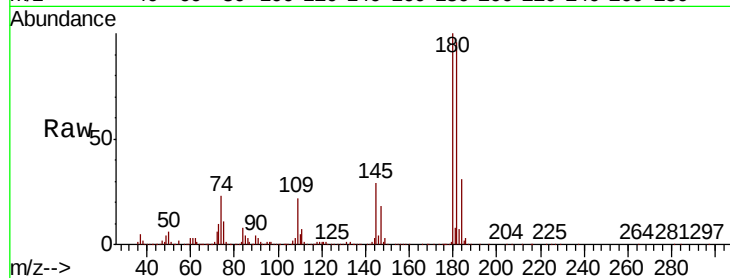
#93
 1,2,4-Trichlorobenzene
 Concen: 46.271 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	47.3	142.0	
145	28.8	14.8	44.3	

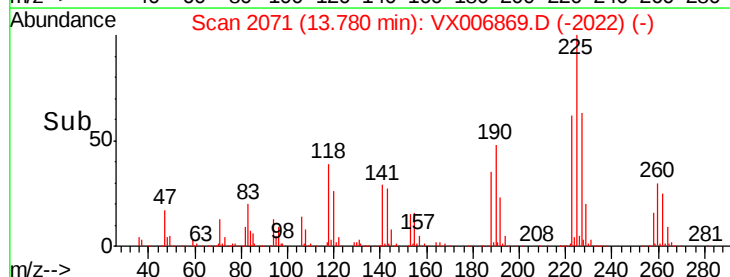
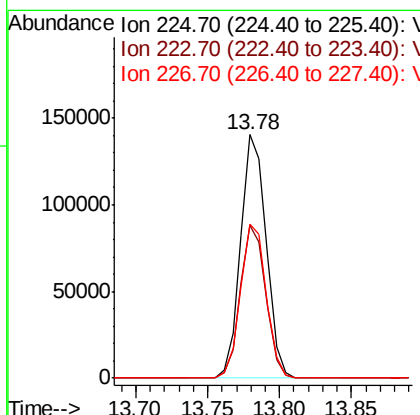
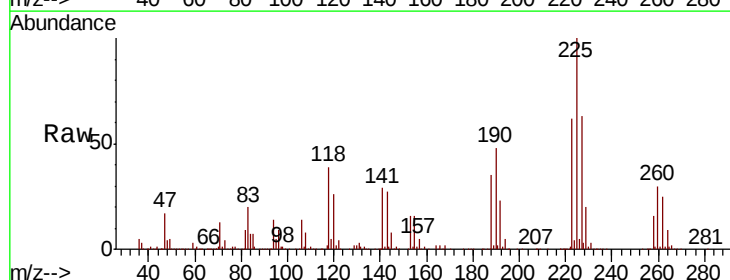
Manual Integrations
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MMDadoda
 1/2/2019 10:47:11 AM



#94
 Hexachlorobutadiene
 Concen: 42.119 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006869.D
 Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	32.1	96.3	
227	63.9	32.3	96.8	





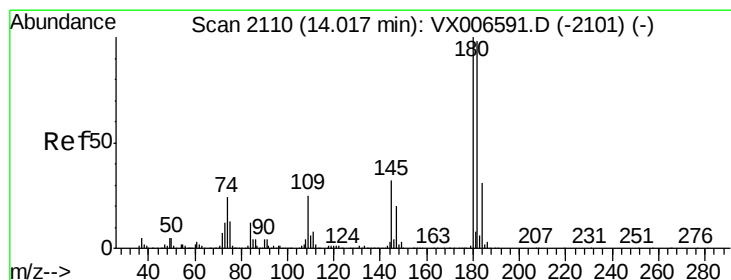
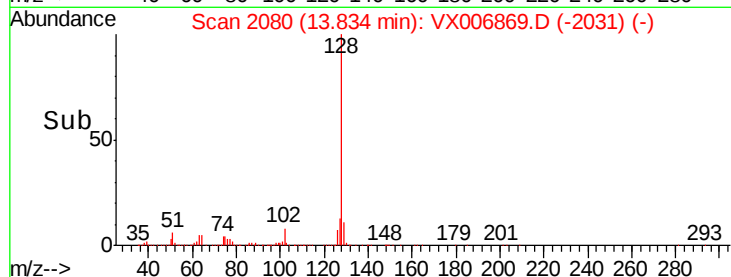
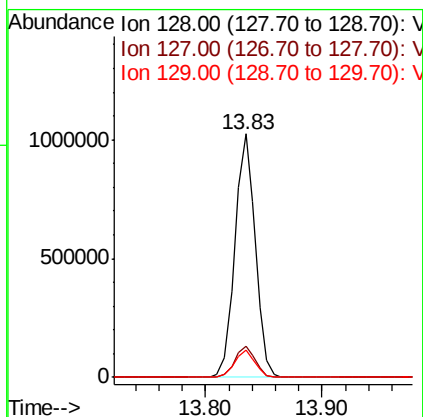
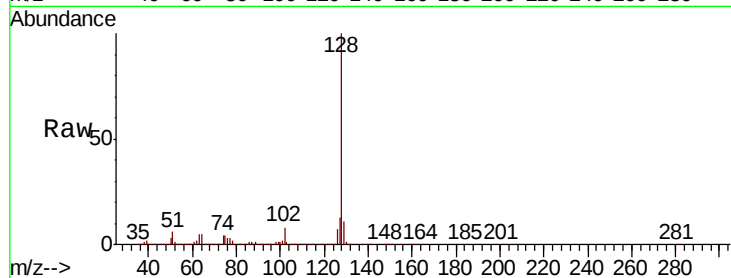
#95
Naphthalene
Concen: 45.133 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/2/2019 10:47:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 43.438 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006869.D
Acq: 28 Dec 2018 18:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.5	145.5
145	30.4	16.0	47.9

