

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006559.D
 Acq On : 15 Dec 2018 11:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/17/2018 12:13:04 PM

Quant Time: Dec 16 00:00:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	555894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	867289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	799472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	404393	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	299405	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
35) Dibromofluoromethane	5.51	113	285004	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.71	98	1026574	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.13	95	385698	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	271483	49.878	ug/l	98
3) Chloromethane	1.33	50	274206	49.023	ug/l	99
4) Vinyl Chloride	1.41	62	302871	50.311	ug/l	99
5) Bromomethane	1.64	94	275851	66.119	ug/l	100
6) Chloroethane	1.71	64	203786	55.211	ug/l	98
7) Trichlorofluoromethane	1.93	101	483894	52.365	ug/l	98
8) Diethyl Ether	2.19	74	188099	53.784	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	275184	52.372	ug/l	99
10) Methyl Iodide	2.51	142	350087	44.210	ug/l	98
11) Tert butyl alcohol	3.08	59	386060	248.762	ug/l	99
12) 1,1-Dichloroethene	2.37	96	271585	53.992	ug/l	89
13) Acrolein	2.30	56	224638	264.833	ug/l	98
14) Allyl chloride	2.73	41	434965	43.775	ug/l	98
15) Acrylonitrile	3.15	53	831403	256.725	ug/l	100
16) Acetone	2.45	43	685639	257.455	ug/l	97
17) Carbon Disulfide	2.57	76	686492	44.290	ug/l	99
18) Methyl Acetate	2.78	43	460760	51.735	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	930279	51.843	ug/l	99
20) Methylene Chloride	2.85	84	303539	53.555	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	287087	53.557	ug/l	90
22) Diisopropyl ether	3.87	45	854076	55.030	ug/l	98
23) Vinyl Acetate	3.82	43	3400536	256.887	ug/l	99
24) 1,1-Dichloroethane	3.70	63	483353	54.487	ug/l	99
25) 2-Butanone	4.70	43	1028331	270.619	ug/l	99
26) 2,2-Dichloropropane	4.59	77	232674	28.420	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	335224	56.065	ug/l	93
28) Bromochloromethane	5.02	49	201285	51.947	ug/l	99
29) Tetrahydrofuran	5.15	42	698700	264.565	ug/l	97
30) Chloroform	5.21	83	517182	55.478	ug/l	99
31) Cyclohexane	5.57	56	436215	53.209	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	463316	52.235	ug/l	99
36) 1,1-Dichloropropene	5.80	75	381399	52.222	ug/l	100
37) Ethyl Acetate	4.85	43	402748	49.242	ug/l	98
38) Carbon Tetrachloride	5.78	117	406432	47.304	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	484718	51.130	ug/l	99
40) Benzene	6.14	78	1188203	54.319	ug/l	99
41) Methacrylonitrile	5.06	41	221889	49.303	ug/l	98
42) 1,2-Dichloroethane	6.20	62	390980	54.613	ug/l	99
43) Isopropyl Acetate	6.46	43	652118	47.821	ug/l	99
44) Trichloroethene	7.21	130	351232	53.002	ug/l	98
45) 1,2-Dichloropropane	7.52	63	293167	52.733	ug/l	99
46) Dibromomethane	7.66	93	212189	52.847	ug/l	97
47) Bromodichloromethane	7.90	83	371394	47.765	ug/l	100
48) Methyl methacrylate	7.77	41	326797	49.261	ug/l	96
49) 1,4-Dioxane	7.75	88	171336	1047.887	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2022292	254.745	ug/l	98
52) Toluene	8.79	92	770709	53.554	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	387961	42.664	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	425540	45.066	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	319605	54.666	ug/l	99
56) Ethyl methacrylate	9.18	69	470759	51.505	ug/l	98
57) 1,3-Dichloropropane	9.37	76	509570	55.118	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1078877	232.613	ug/l	99
59) 2-Hexanone	9.49	43	1510521	249.055	ug/l	98
60) Dibromochloromethane	9.59	129	333899	46.315	ug/l	100
61) 1,2-Dibromoethane	9.67	107	353982	54.148	ug/l	99
64) Tetrachloroethene	9.34	164	346593	57.566	ug/l	97
65) Chlorobenzene	10.14	112	909773	53.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	325516	49.367	ug/l	99
67) Ethyl Benzene	10.25	91	1477726	52.353	ug/l	99
68) m/p-Xylenes	10.36	106	1193272	105.538	ug/l	99
69) o-Xylene	10.70	106	588630	52.706	ug/l	99
70) Styrene	10.71	104	942918	52.201	ug/l	99
71) Bromoform	10.86	173	252105	40.502	ug/l #	99
73) Isopropylbenzene	11.02	105	1545742	55.349	ug/l	100
74) N-amyl acetate	10.90	43	575722	47.873	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	465979	52.156	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	424701m	54.411	ug/l	
77) Bromobenzene	11.26	156	420072	54.201	ug/l	99
78) n-propylbenzene	11.36	91	1671782	53.853	ug/l	100
79) 2-Chlorotoluene	11.42	91	1000525	54.226	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1263944	54.396	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110908	33.345	ug/l	87
82) 4-Chlorotoluene	11.51	91	1148309	53.529	ug/l	100
83) tert-Butylbenzene	11.77	119	1310694	52.868	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1306062	54.435	ug/l	100
85) sec-Butylbenzene	11.94	105	1543169	54.714	ug/l	100
86) p-Isopropyltoluene	12.07	119	1369214	53.913	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	745446	54.055	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	741011	52.941	ug/l	100
89) n-Butylbenzene	12.39	91	1123044	51.825	ug/l	100
90) Hexachloroethane	12.60	117	224511	43.374	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	733417	53.587	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	99912	43.625	ug/l	98

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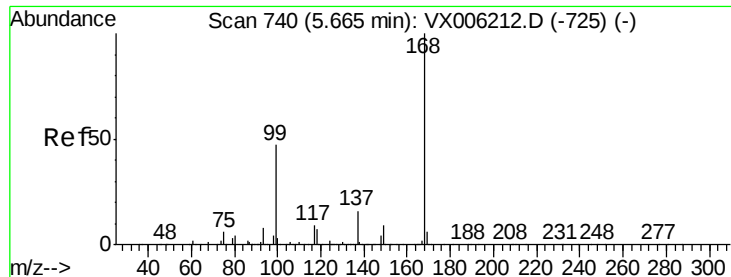
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	514548	51.531	ug/l	99
94) Hexachlorobutadiene	13.78	225	229297	51.926	ug/l	99
95) Naphthalene	13.83	128	1674677	53.917	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	520325	52.611	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 555894

Ion Ratio Lower Upper

168 100

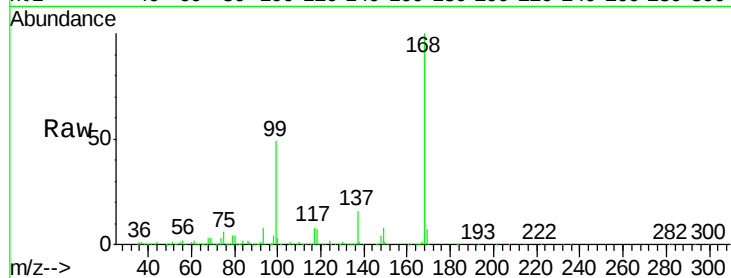
99 49.1 37.8 56.8

Manual Integrations

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12/17/2018 12:13:04 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

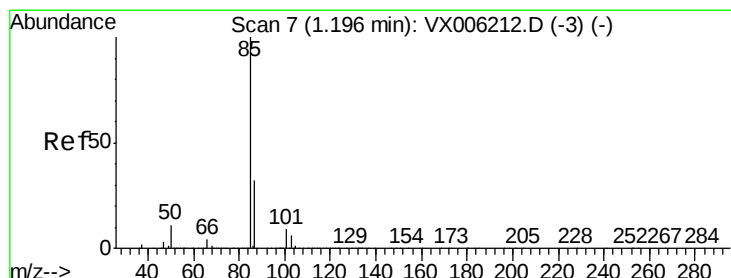
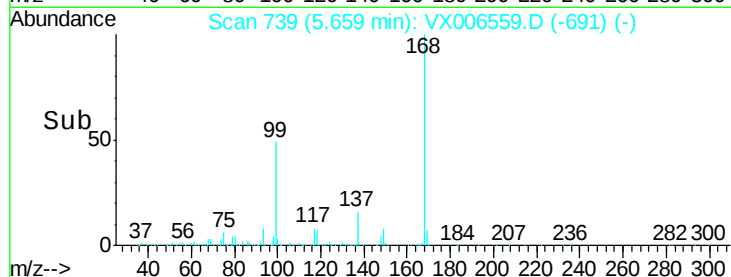
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.878 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006559.D

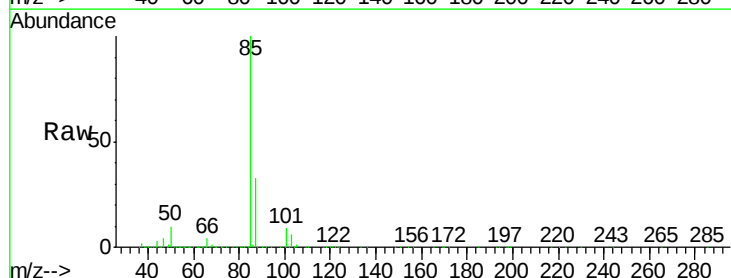
Acq: 15 Dec 2018 11:54

Tgt Ion: 85 Resp: 271483

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

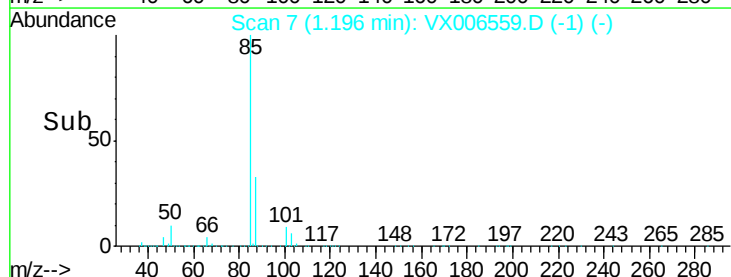
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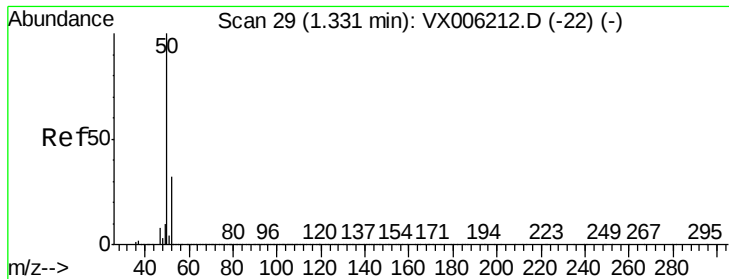
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 49.023 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 274206

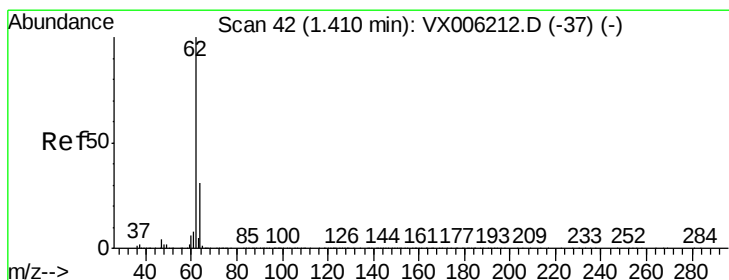
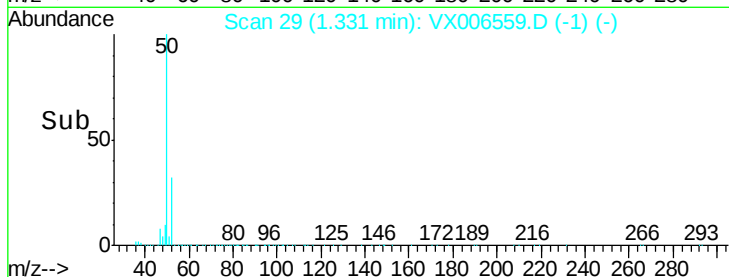
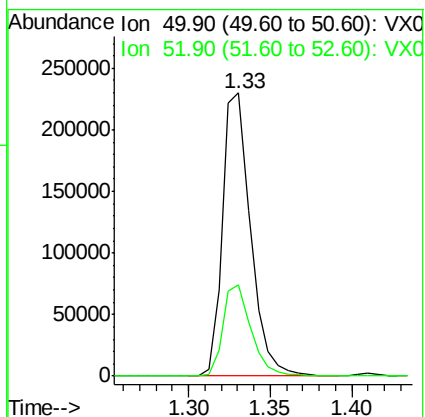
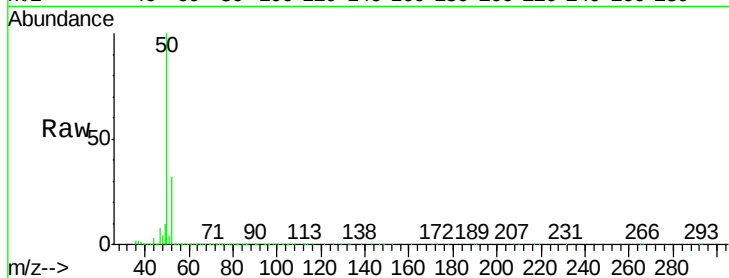
Ion Ratio Lower Upper

50 100

52 32.2 25.2 37.8

Manual Integrations
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12/17/2018 12:13:04 PM



#4

Vinyl Chloride

Concen: 50.311 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006559.D

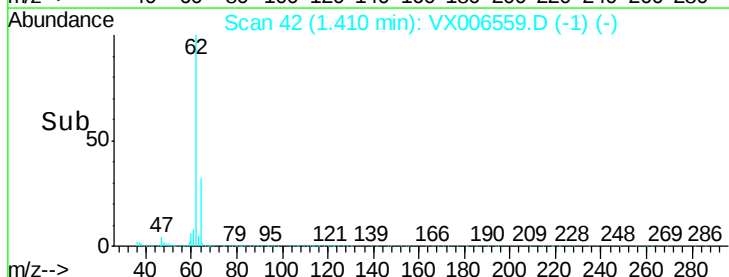
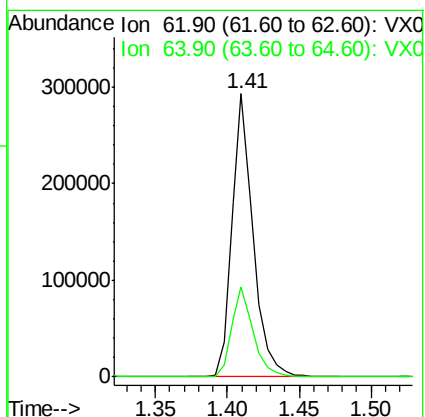
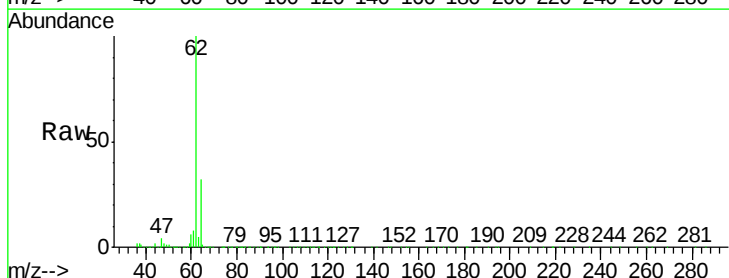
Acq: 15 Dec 2018 11:54

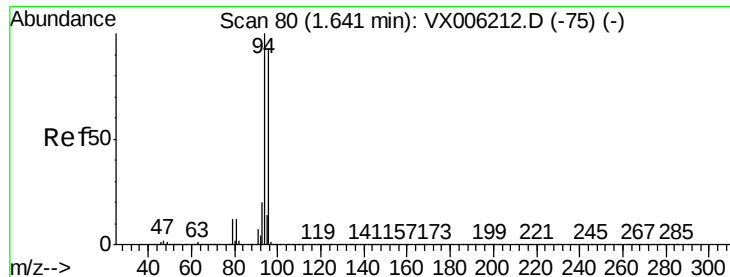
Tgt Ion: 62 Resp: 302871

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3





#5

Bromomethane

Concen: 66.119 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 275851

Ion Ratio Lower Upper

94 100

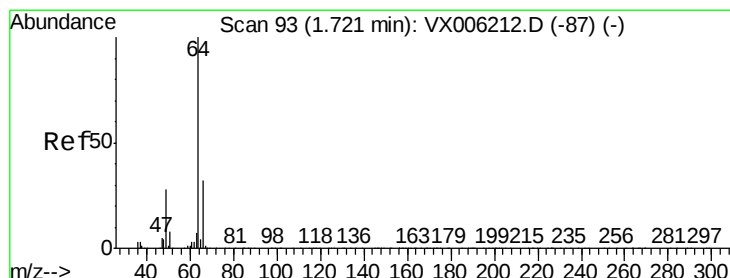
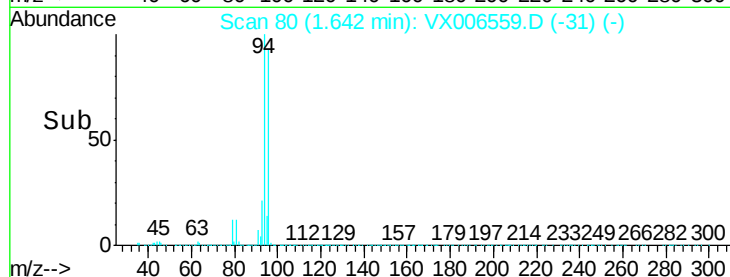
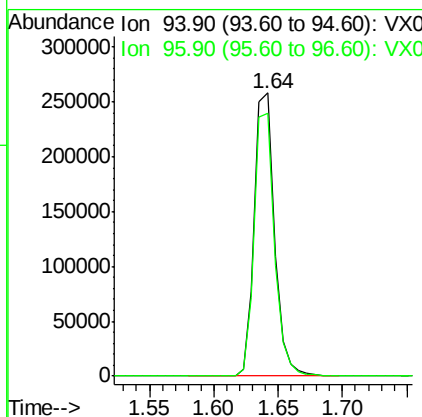
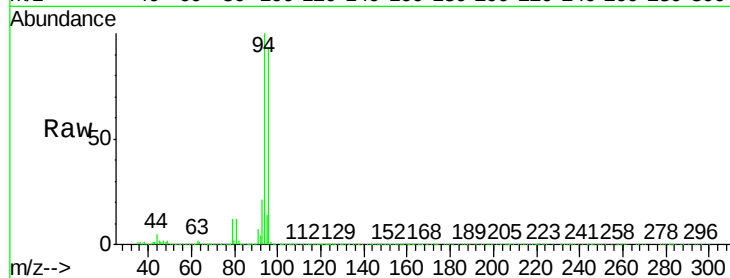
96 92.9 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 55.211 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006559.D

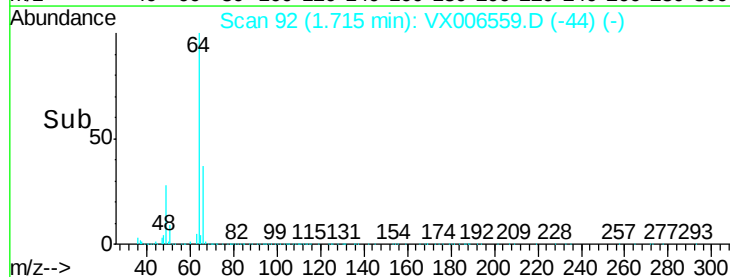
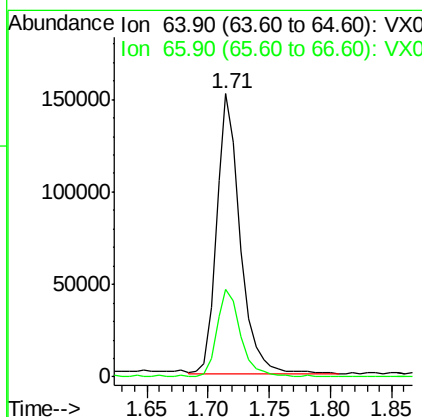
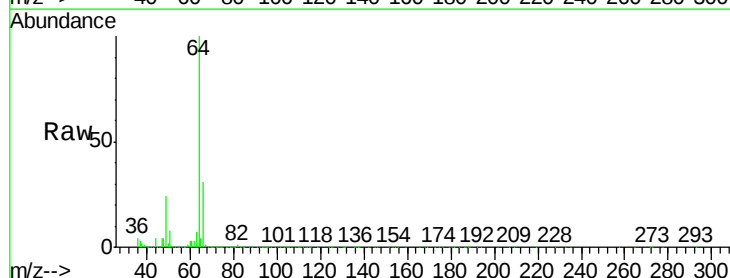
Acq: 15 Dec 2018 11:54

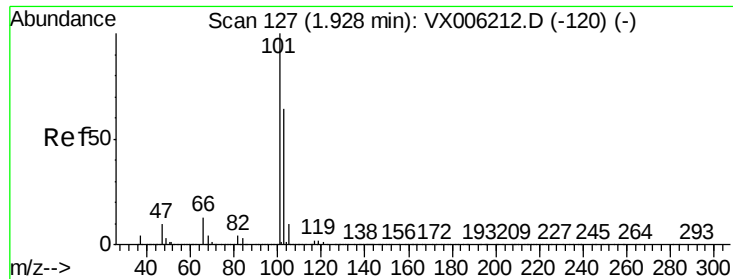
Tgt Ion: 64 Resp: 203786

Ion Ratio Lower Upper

64 100

66 31.1 25.9 38.9





#7

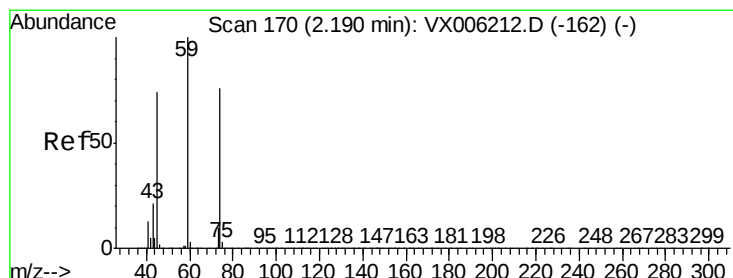
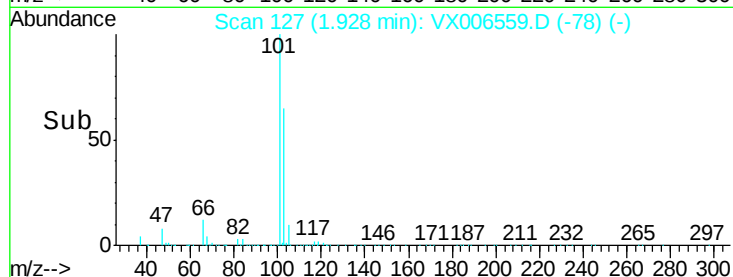
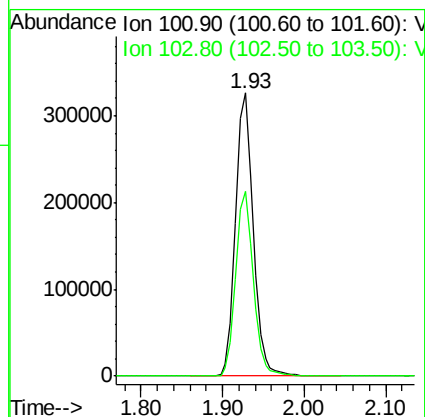
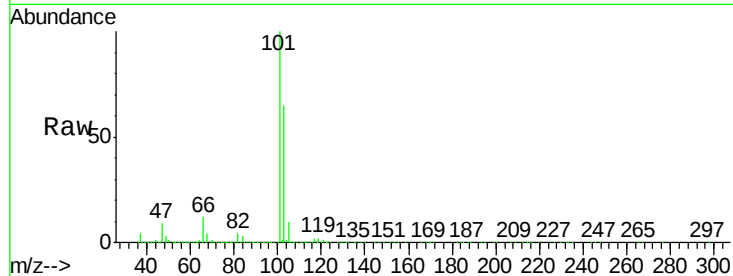
Trichlorofluoromethane
Concen: 52.365 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

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ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.0	76.4

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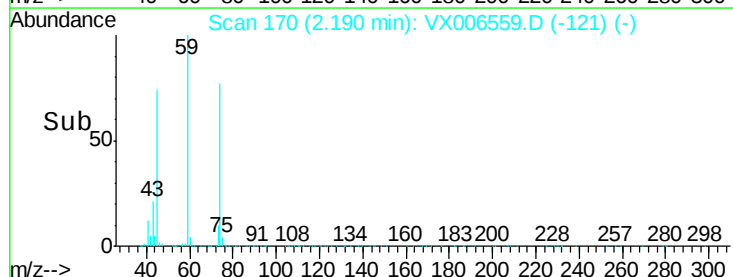
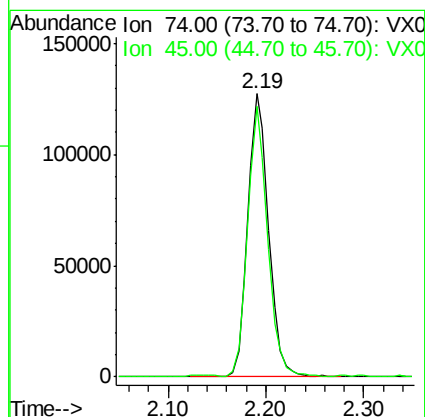
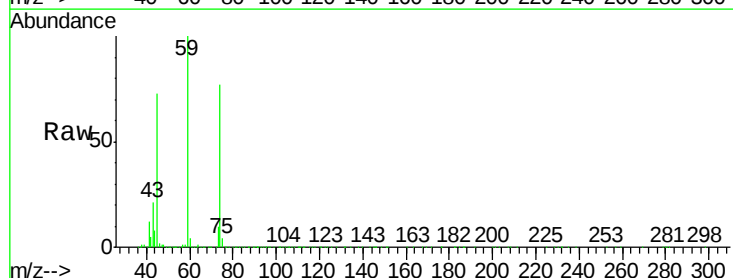
MMDadoda
12/17/2018 12:13:04 PM

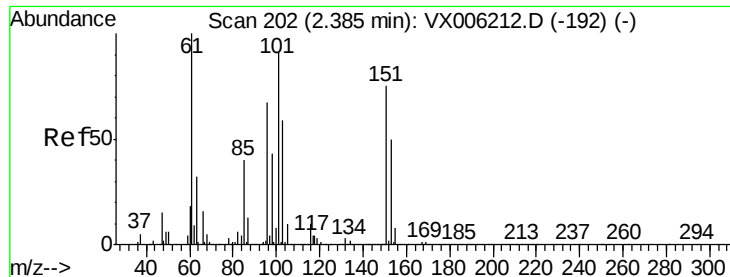


#8

Diethyl Ether
Concen: 53.784 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.9	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.372 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006559.D

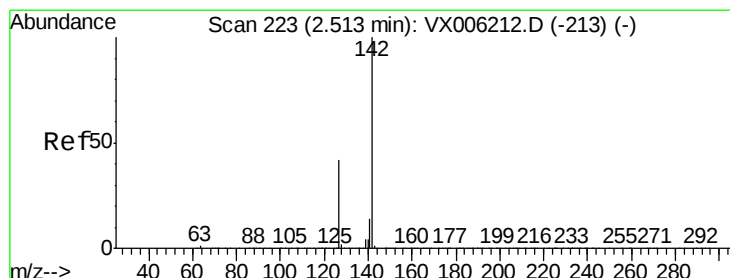
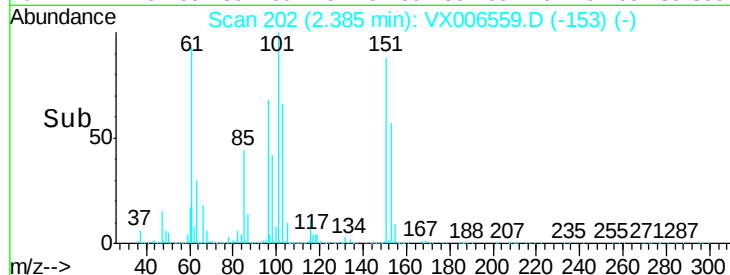
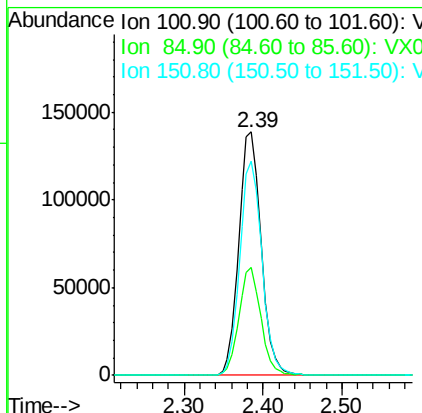
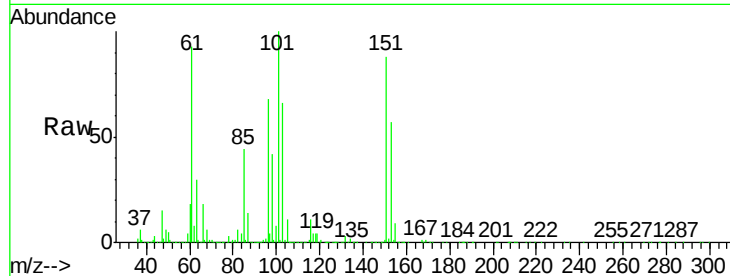
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	101	Resp:	275184
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.5	53.3
151	86.8	68.6	103.0

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#10

Methyl Iodide

Concen: 44.210 ug/l

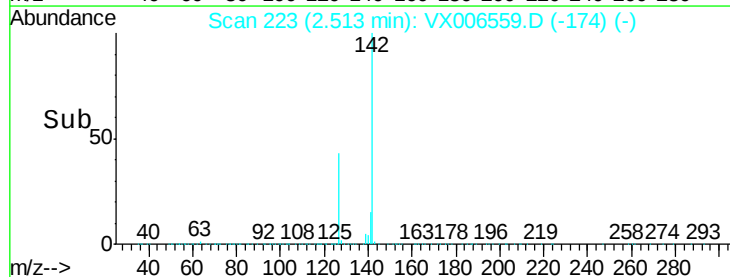
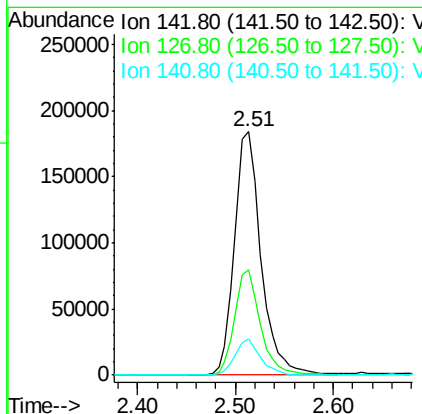
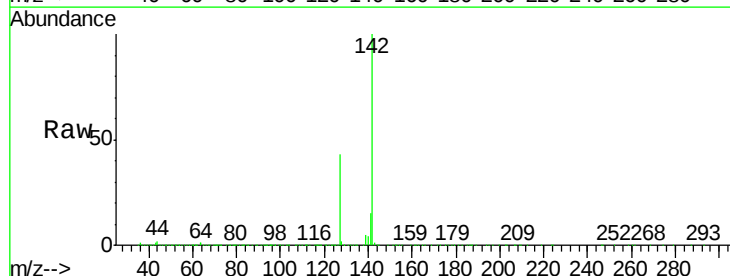
RT: 2.51 min Scan# 223

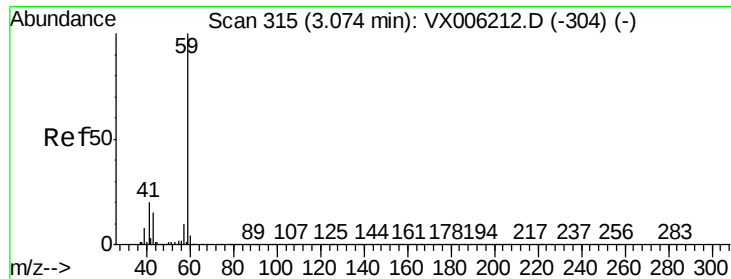
Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion:	142	Resp:	350087
Ion Ratio	Lower	Upper	
142	100		
127	41.9	34.8	52.2
141	14.2	11.4	17.2





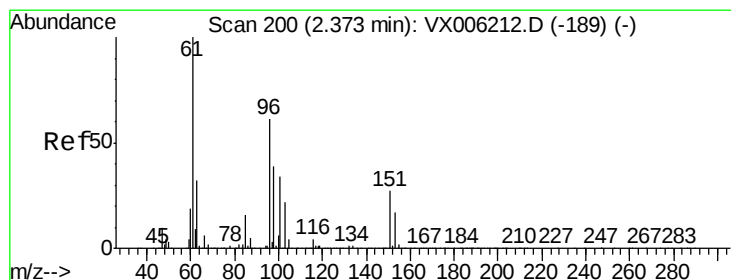
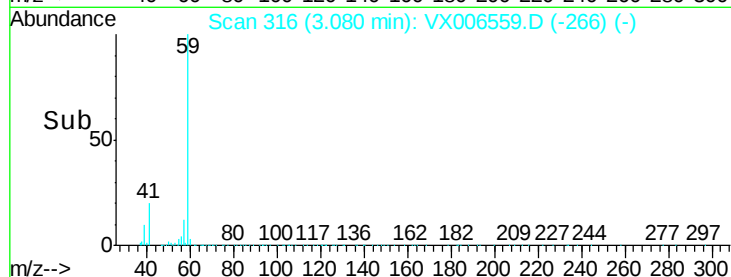
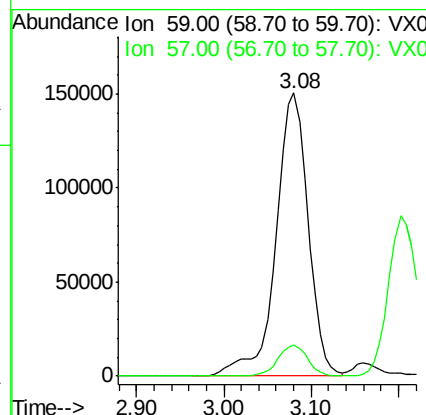
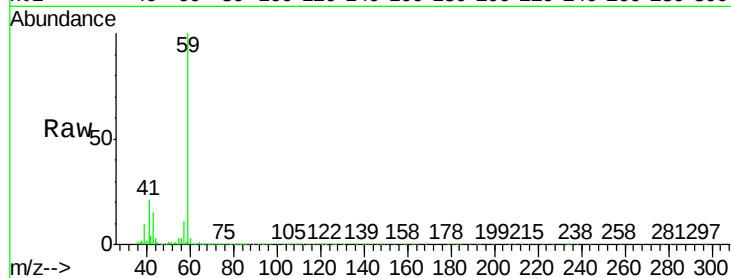
#11
Tert butyl alcohol
Concen: 248.762 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 386060
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

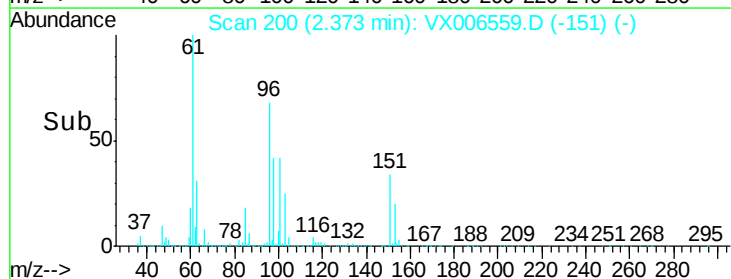
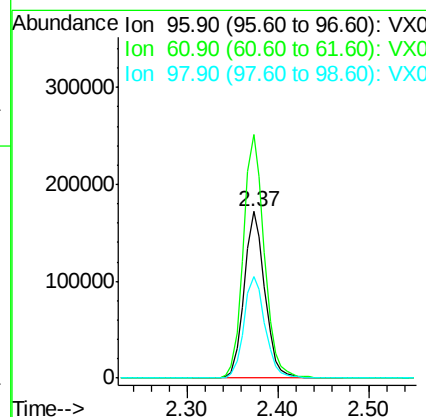
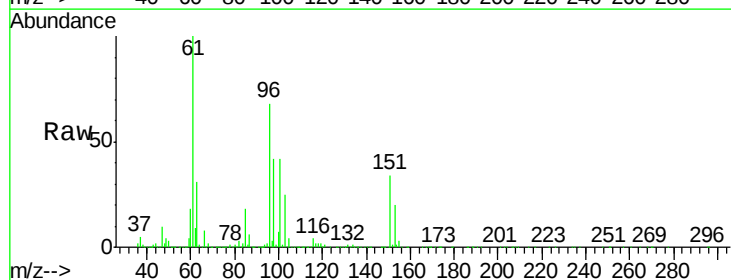
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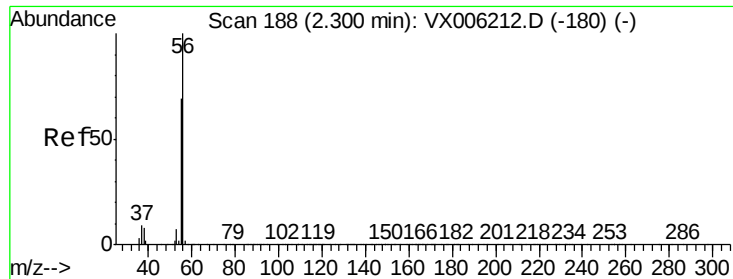
MMDadoda
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#12
1,1-Dichloroethene
Concen: 53.992 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion: 96 Resp: 271585
Ion Ratio Lower Upper
96 100
61 146.3 131.7 197.5
98 61.1 51.8 77.6





#13

Acrolein

Concen: 264.833 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 224638

Ion Ratio Lower Upper

56 100

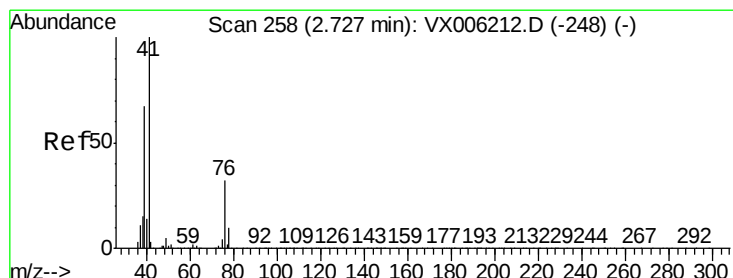
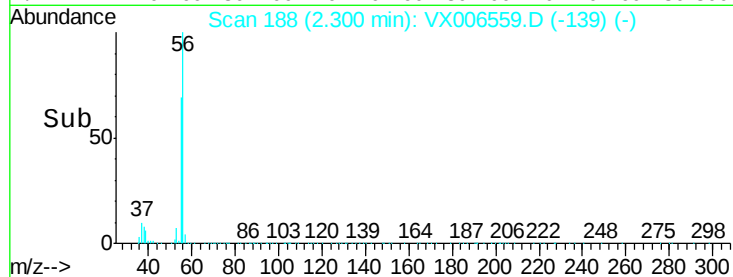
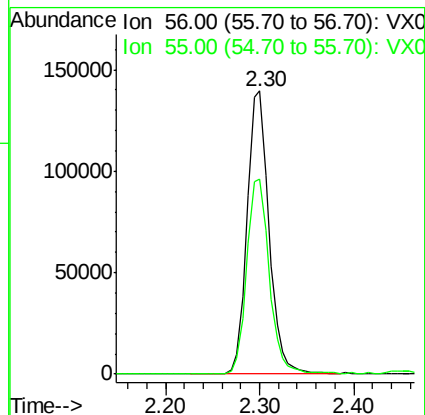
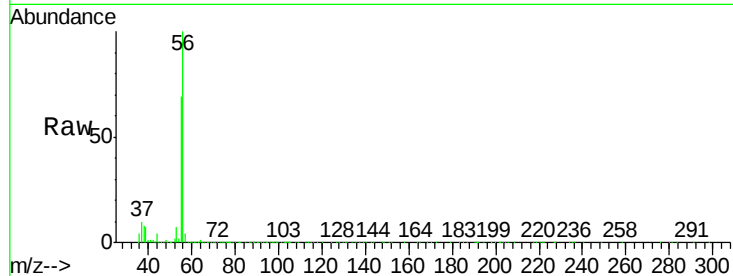
55 70.8 57.8 86.6

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#14

Allyl chloride

Concen: 43.775 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

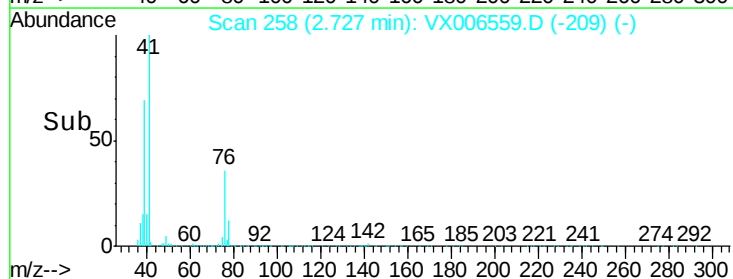
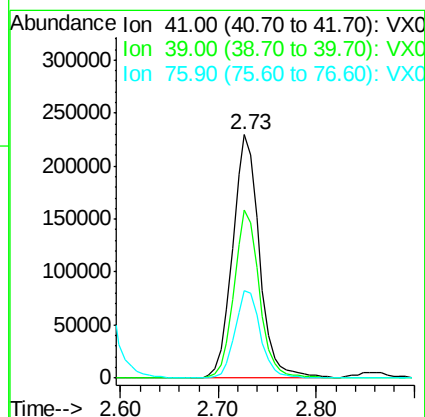
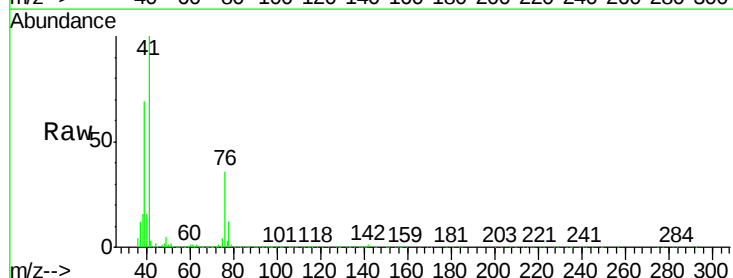
Tgt Ion: 41 Resp: 434965

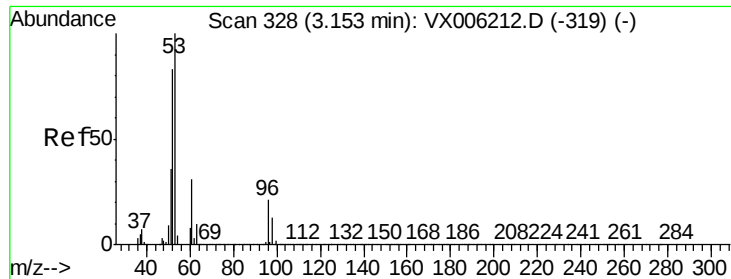
Ion Ratio Lower Upper

41 100

39 65.1 52.4 78.6

76 33.9 25.4 38.0





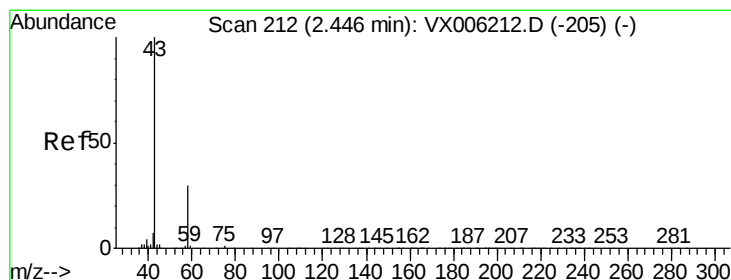
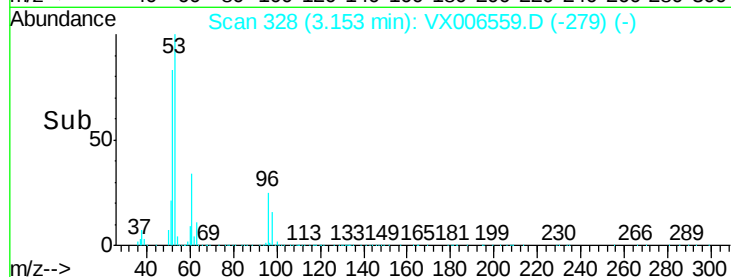
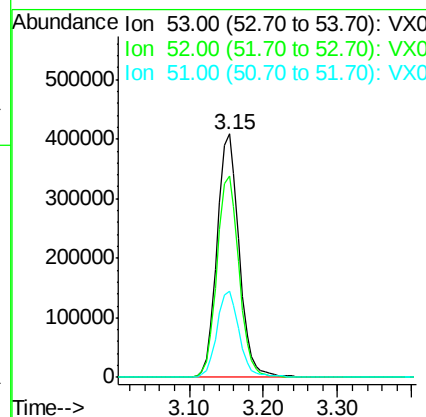
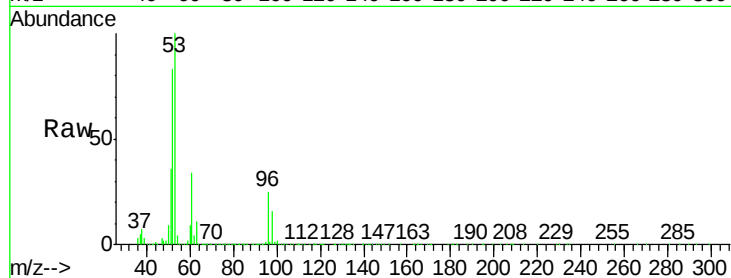
#15
Acrylonitrile
Concen: 256.725 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.2	99.4
51	36.1	28.7	43.1

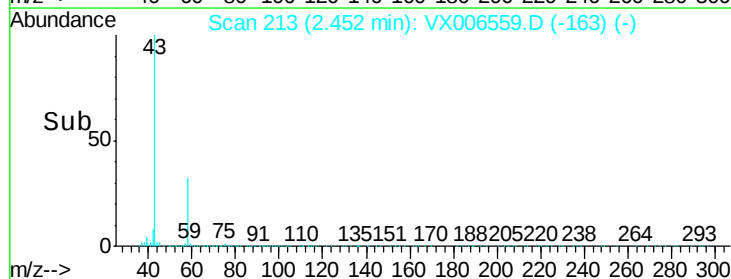
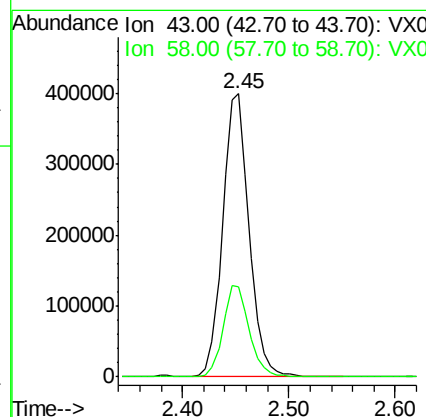
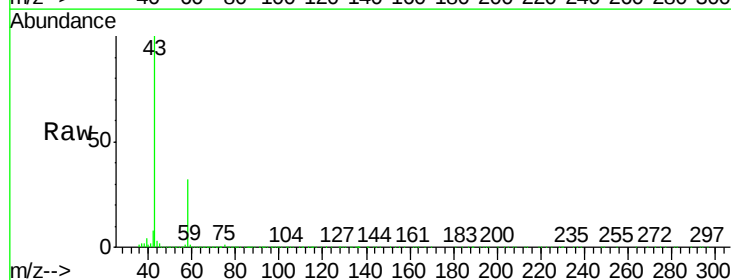
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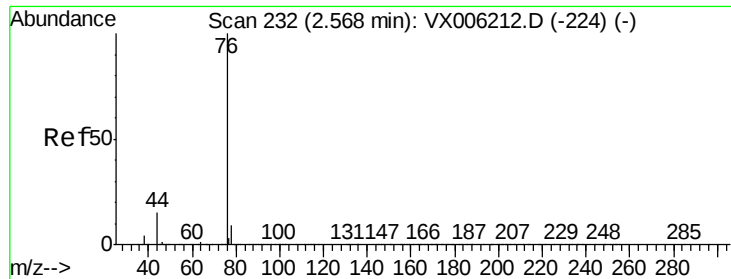
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#16
Acetone
Concen: 257.455 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.0	36.0





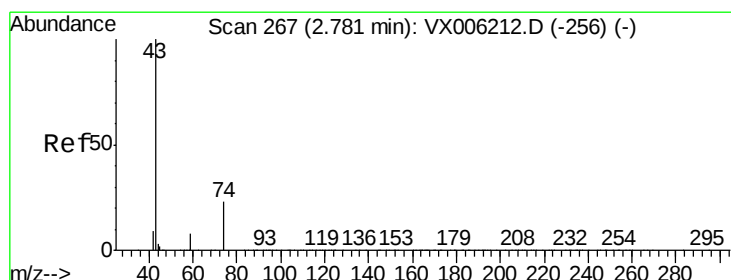
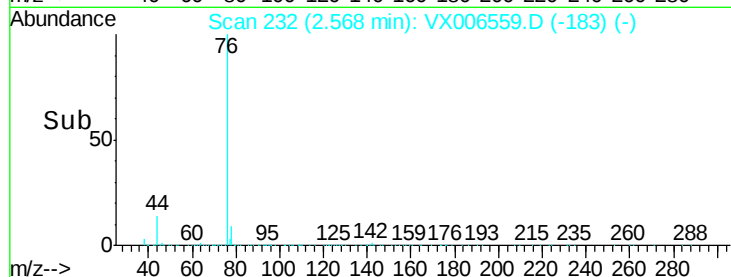
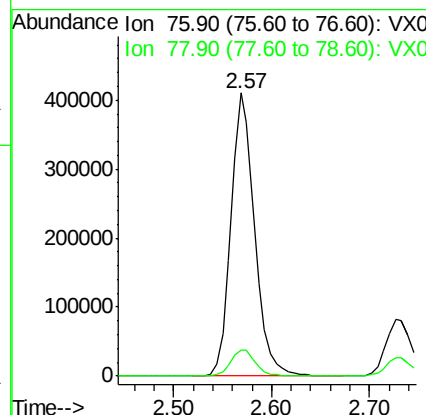
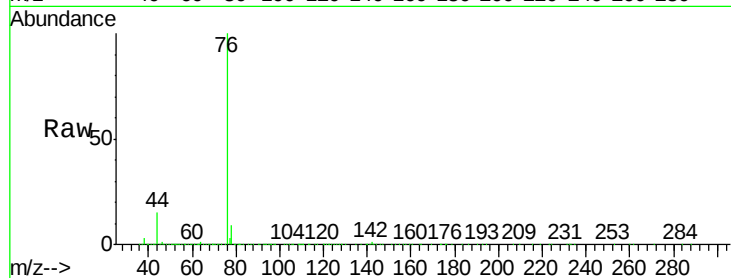
#17
Carbon Disulfide
Concen: 44.290 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

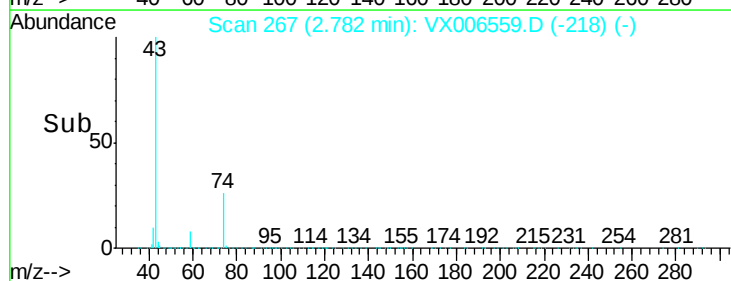
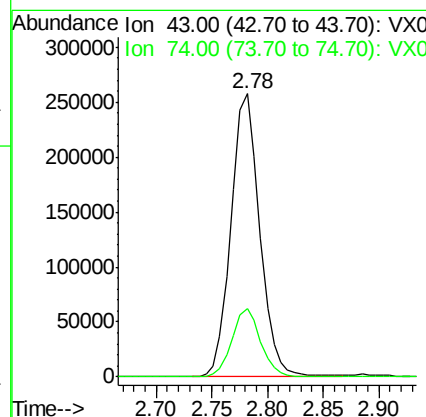
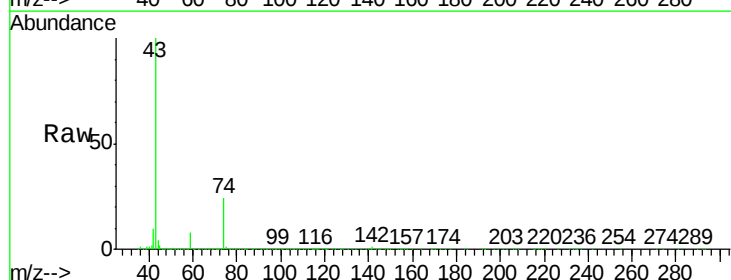
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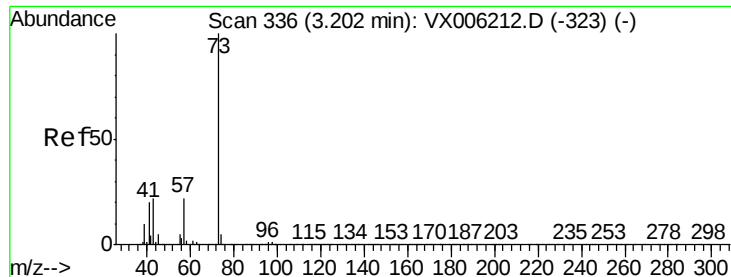
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#18
Methyl Acetate
Concen: 51.735 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	17.9	26.9





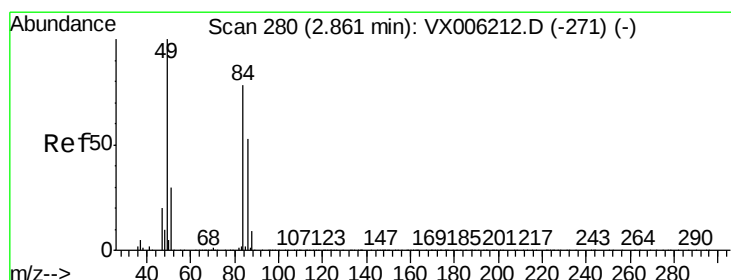
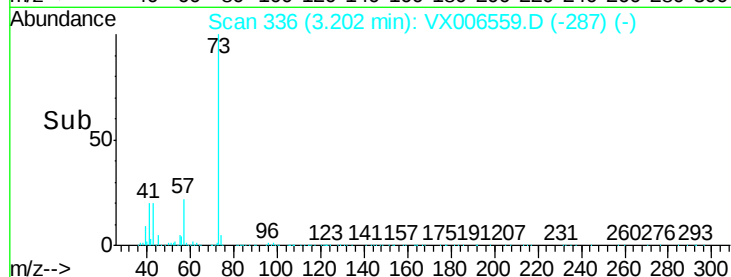
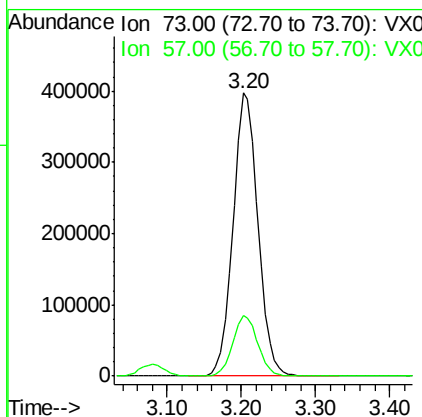
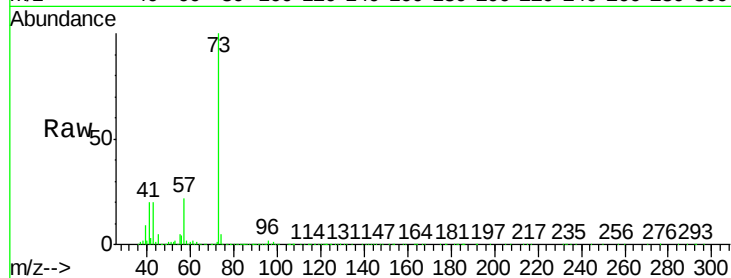
#19
Methyl tert-butyl Ether
Concen: 51.843 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 930279
Ion Ratio Lower Upper
73 100
57 21.5 17.5 26.3

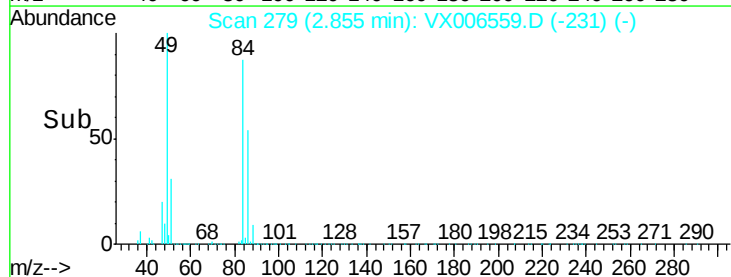
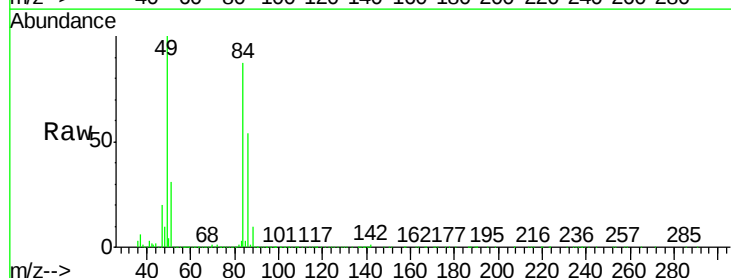
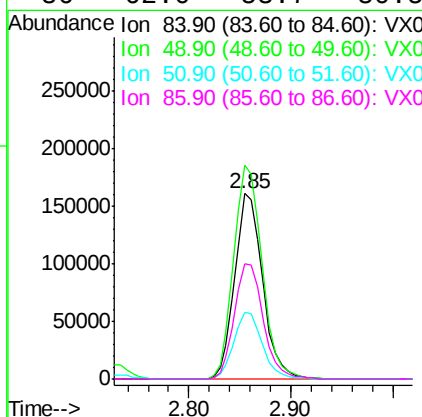
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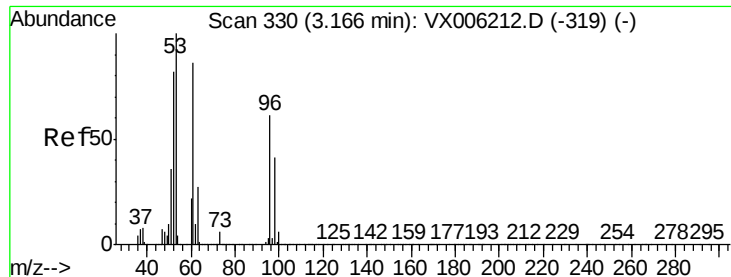
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#20
Methylene Chloride
Concen: 53.555 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion: 84 Resp: 303539
Ion Ratio Lower Upper
84 100
49 115.1 102.2 153.4
51 35.8 31.1 46.7
86 62.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 53.557 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

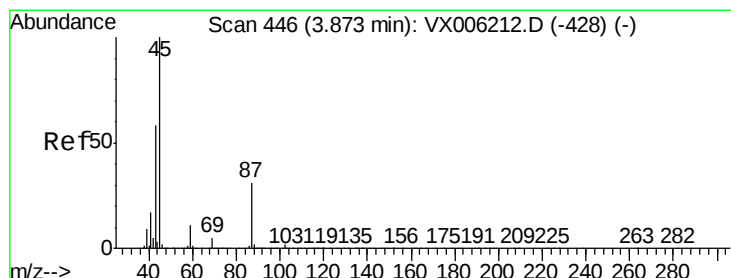
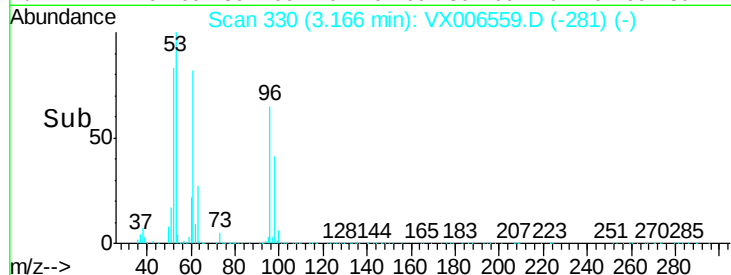
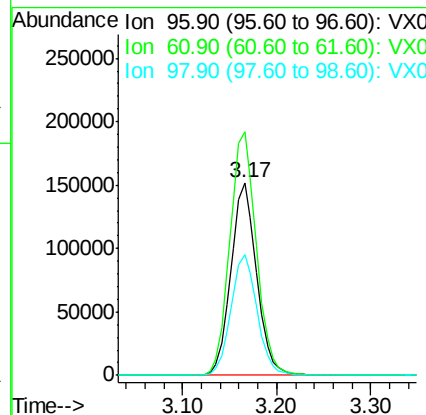
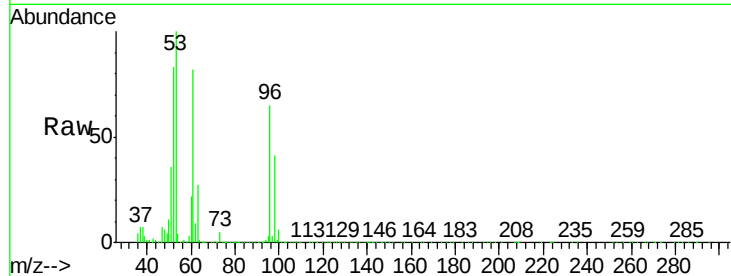
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	287087
Ion Ratio	Lower	Upper	
96	100		
61	126.3	113.3	169.9
98	62.8	53.2	79.8

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#22

Diisopropyl ether

Concen: 55.030 ug/l

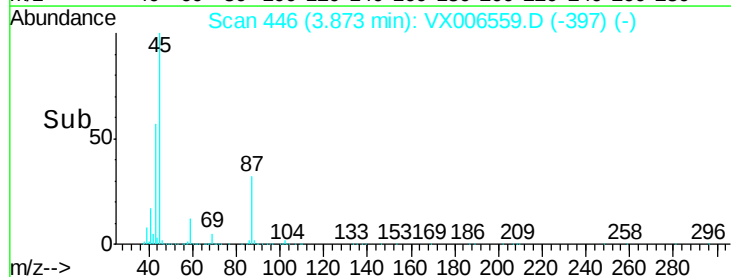
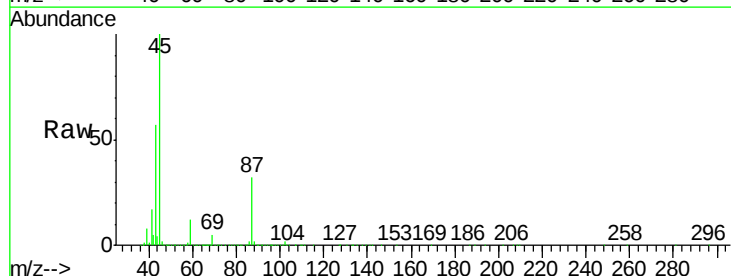
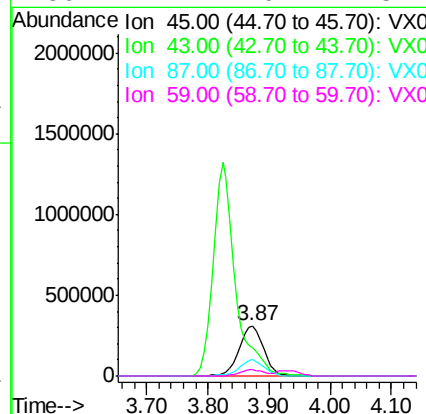
RT: 3.87 min Scan# 446

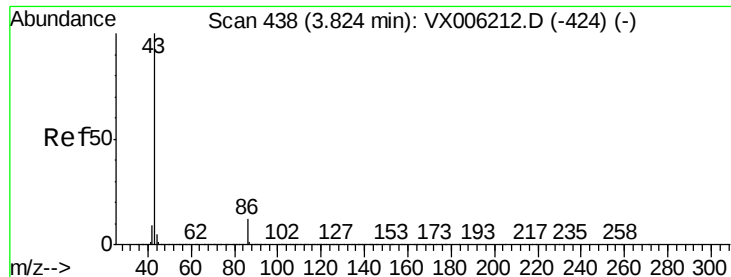
Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion:	45	Resp:	854076
Ion Ratio	Lower	Upper	
45	100		
43	56.5	46.2	69.2
87	32.0	24.9	37.3
59	12.4	9.1	13.7





#23

Vinyl Acetate

Concen: 256.887 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 3400536

Ion Ratio Lower Upper

43 100

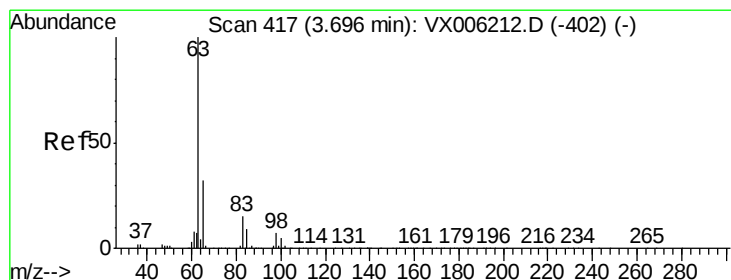
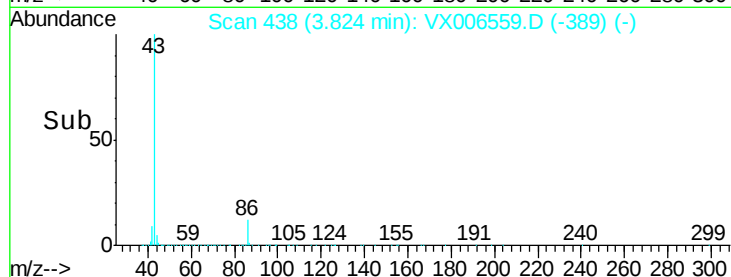
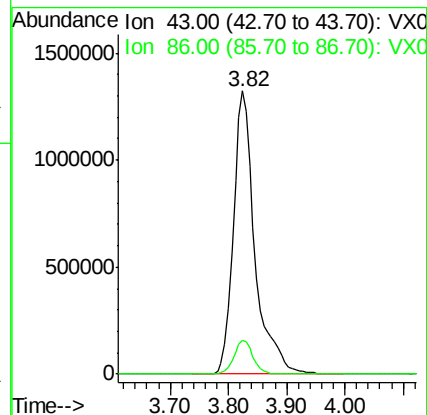
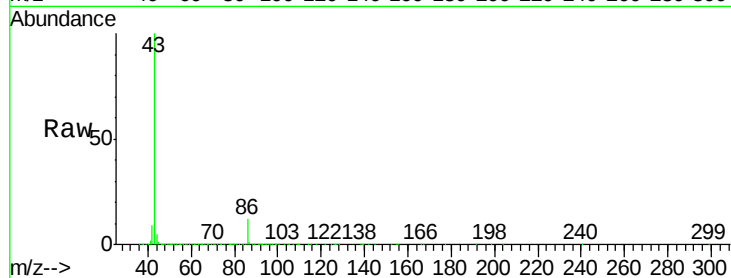
86 12.1 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 54.487 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

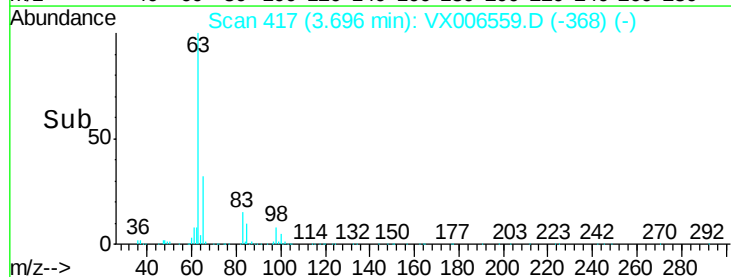
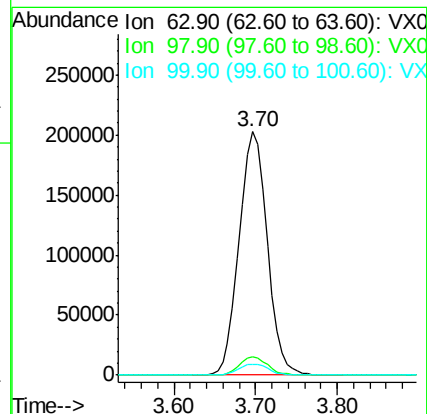
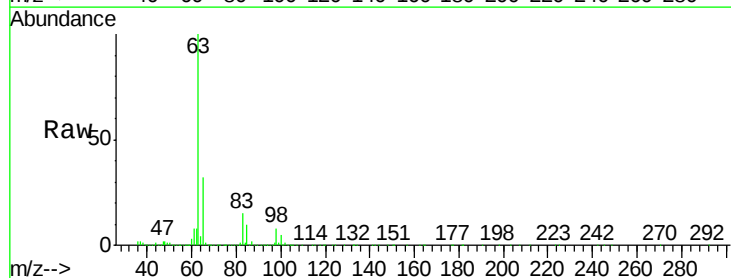
Tgt Ion: 63 Resp: 483353

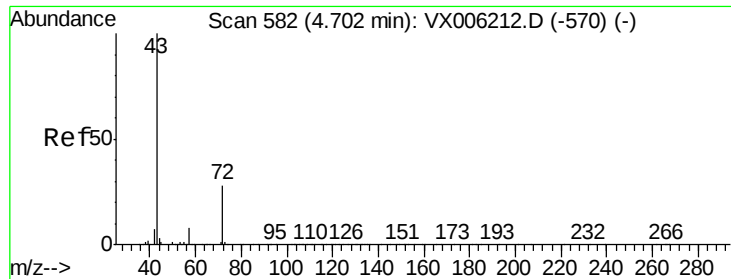
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 270.619 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion: 43 Resp: 1028331

Ion Ratio Lower Upper

43 100

72 27.8 22.6 33.8

Instrument :

MSVOA_X

ClientSampleId :

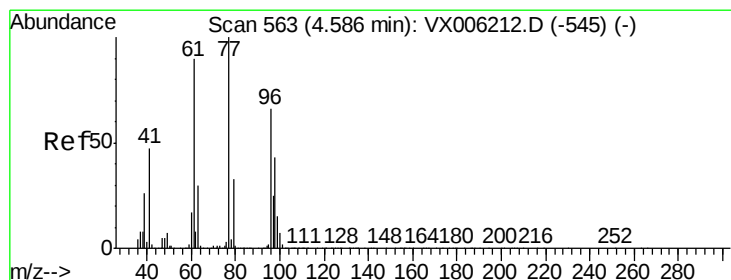
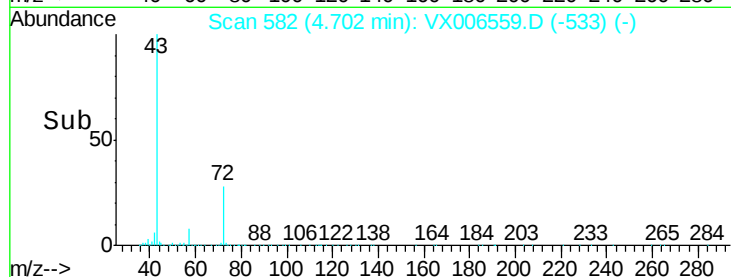
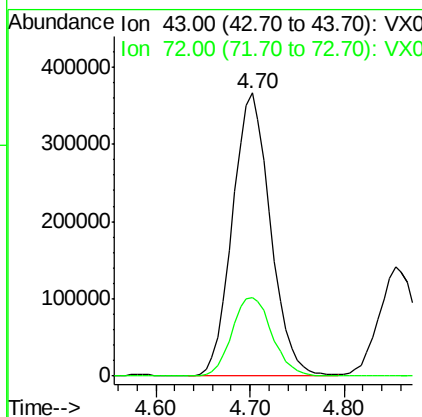
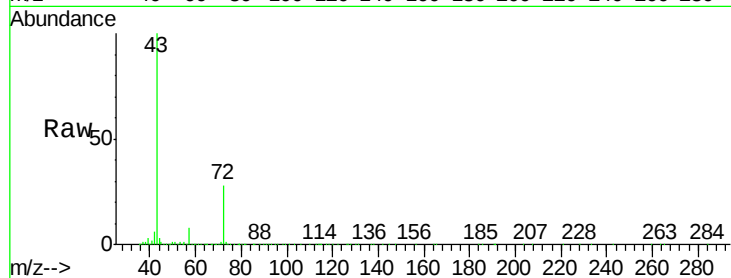
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 28.420 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006559.D

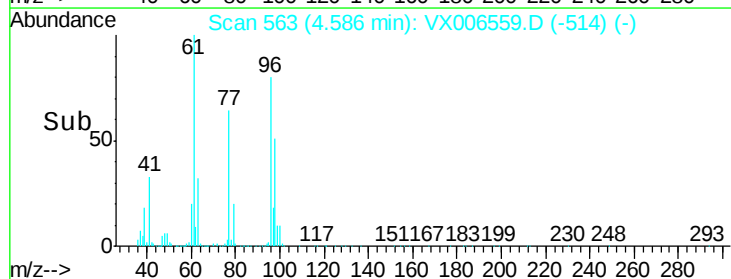
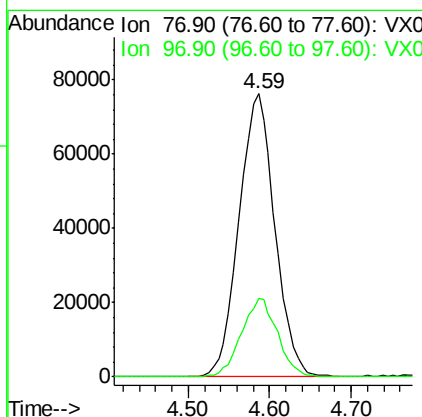
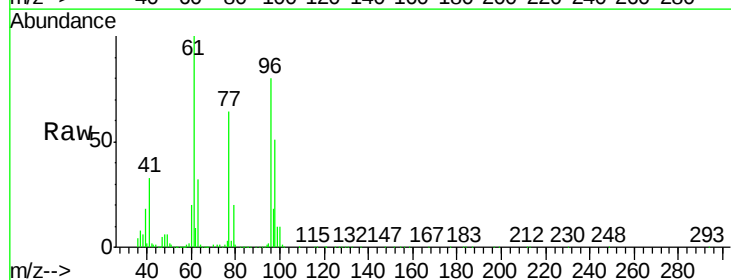
Acq: 15 Dec 2018 11:54

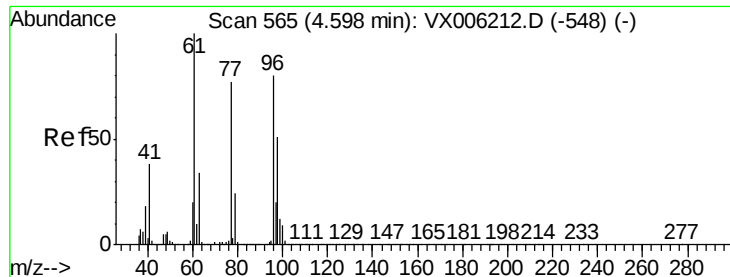
Tgt Ion: 77 Resp: 232674

Ion Ratio Lower Upper

77 100

97 27.9 12.3 36.8





#27

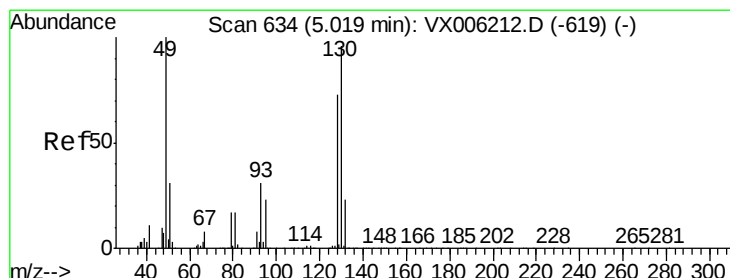
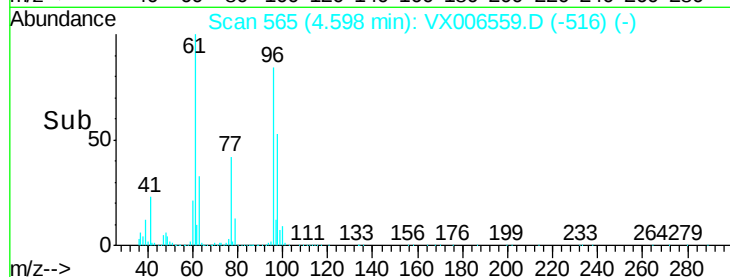
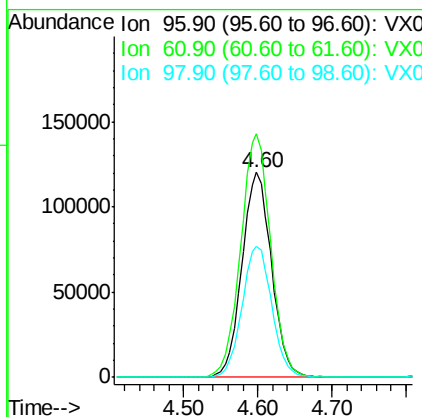
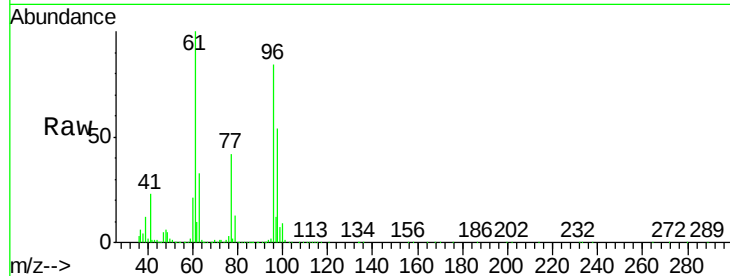
cis-1,2-Dichloroethene
Concen: 56.065 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	335224		
61	120.7		0.0	265.0
98	64.4		0.0	130.2

Manual Integrations
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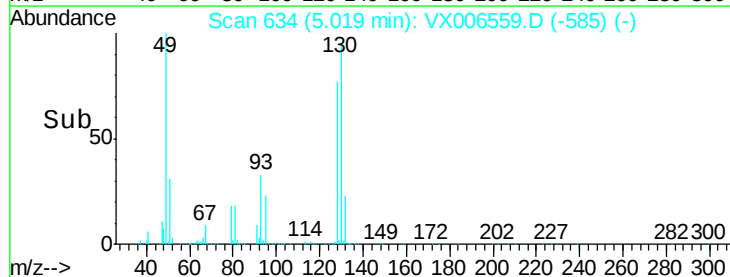
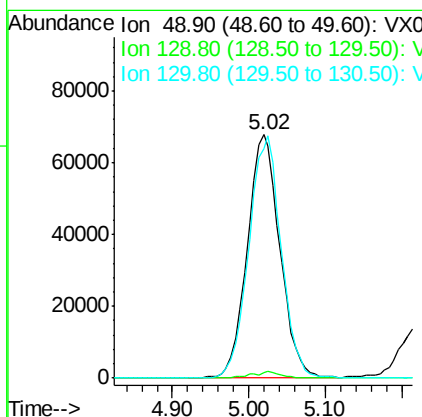
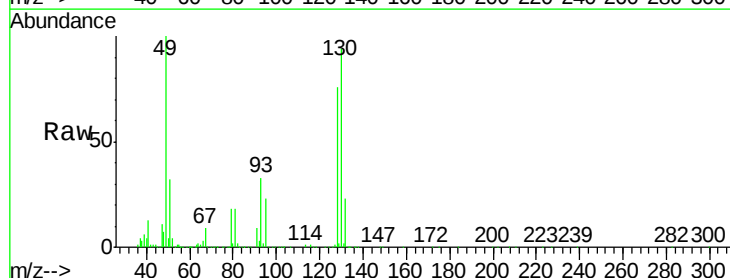
MMDadoda
12/17/2018 12:13:04 PM

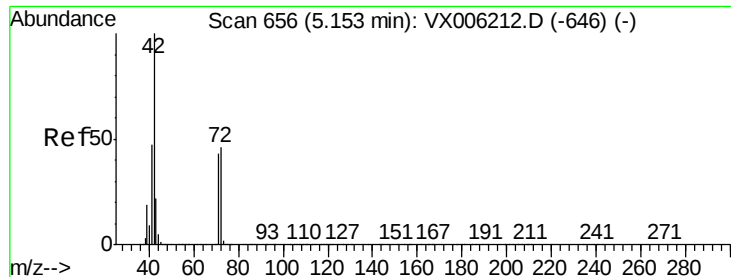


#28

Bromochloromethane
Concen: 51.947 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	201285		
129	2.4		0.0	5.0
130	98.8		78.3	117.5





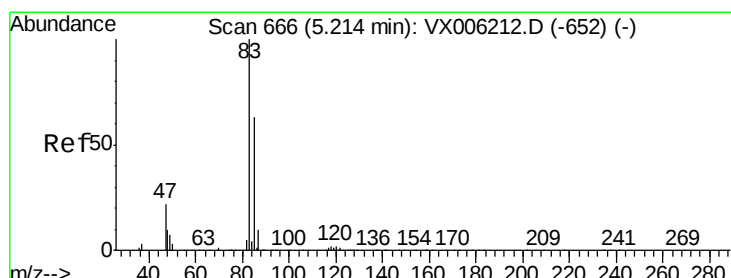
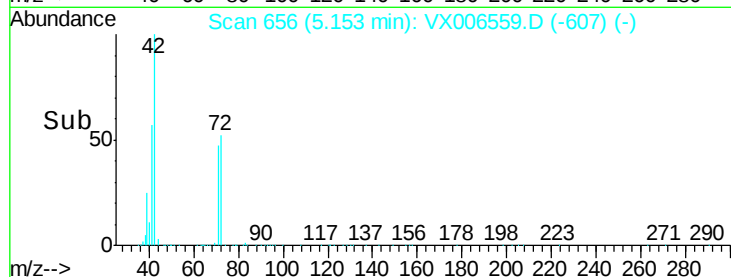
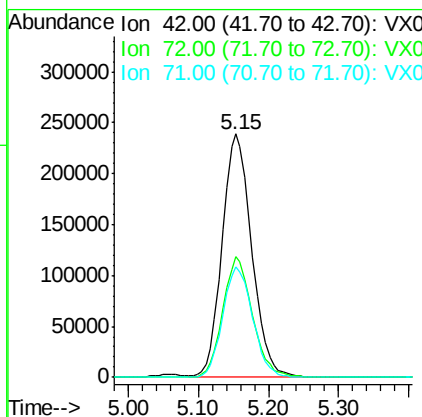
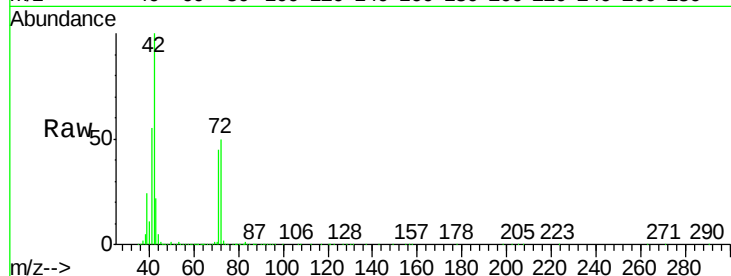
#29
Tetrahydrofuran
Concen: 264.565 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.7	37.8	56.8
71	45.9	35.2	52.8

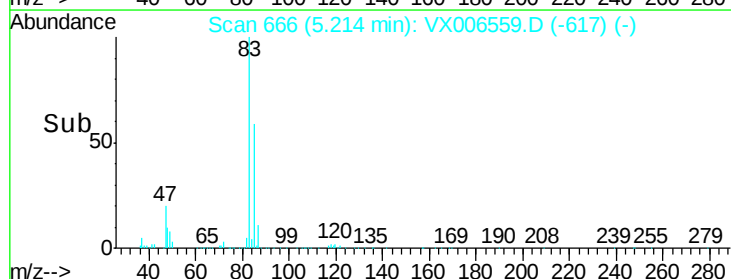
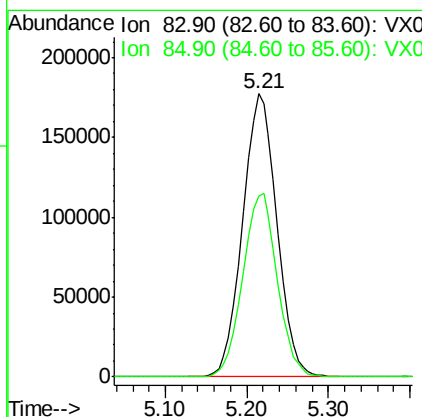
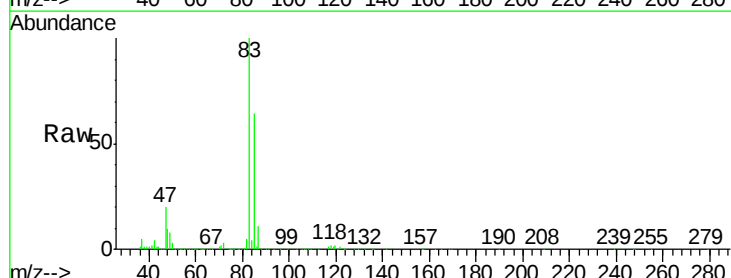
Manual Integrations
APPROVED

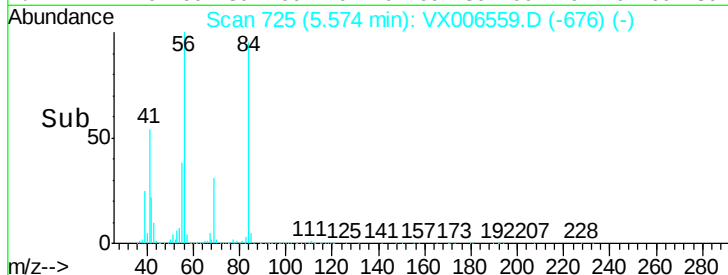
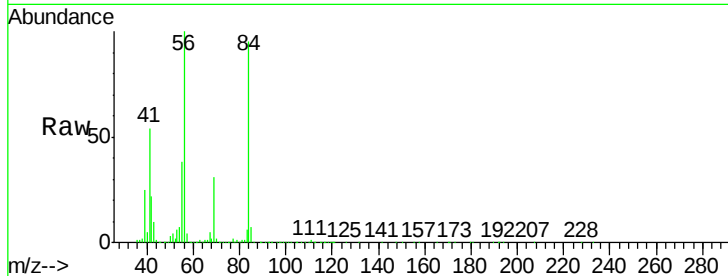
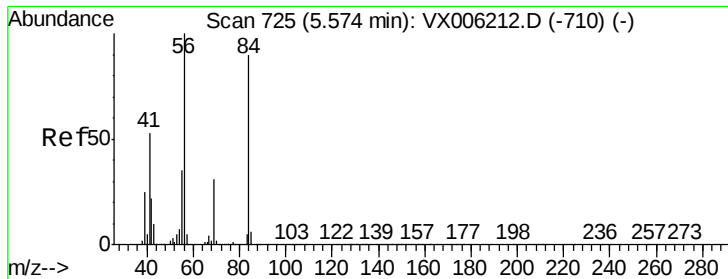
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#30
Chloroform
Concen: 55.478 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5





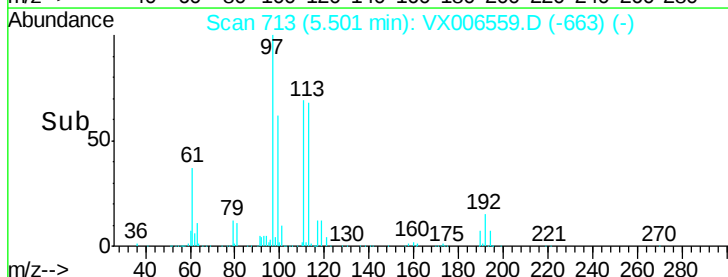
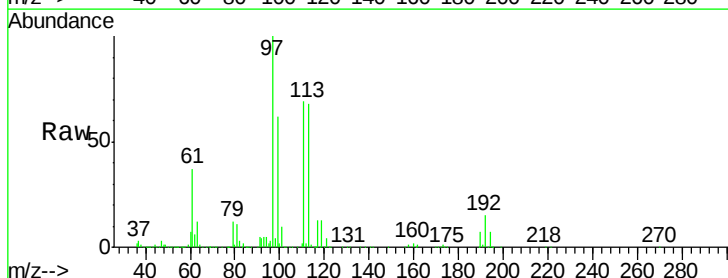
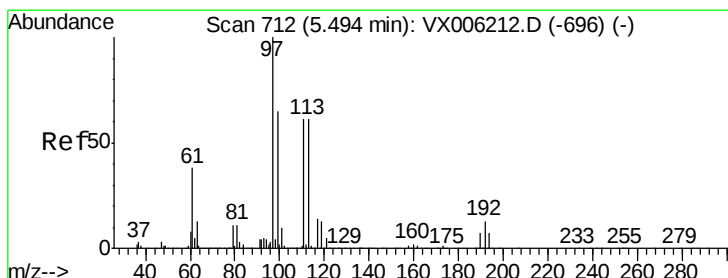
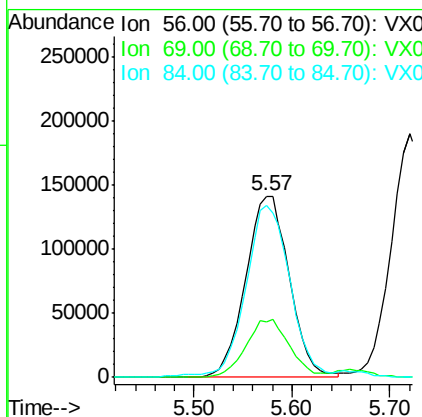
#31
Cyclohexane
Concen: 53.209 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.5	36.7
84	93.2	71.8	107.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

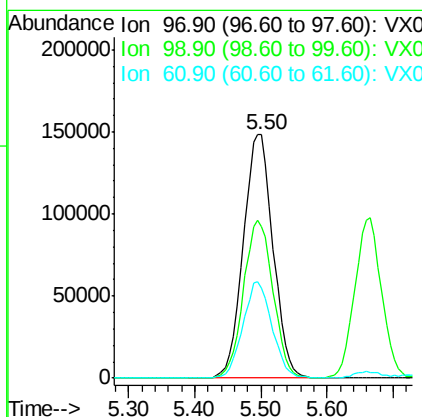
Manual Integrations
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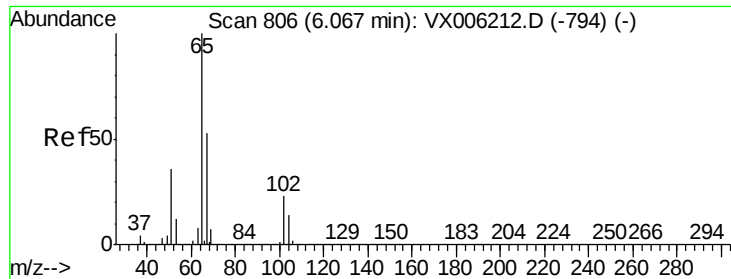
MMDadoda
12/17/2018 12:13:04 PM



#32
1,1,1-Trichloroethane
Concen: 52.235 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	38.9	30.6	46.0





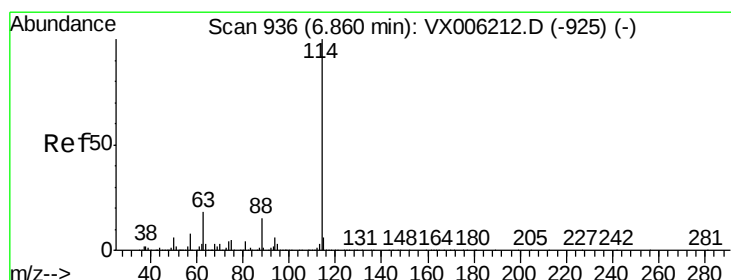
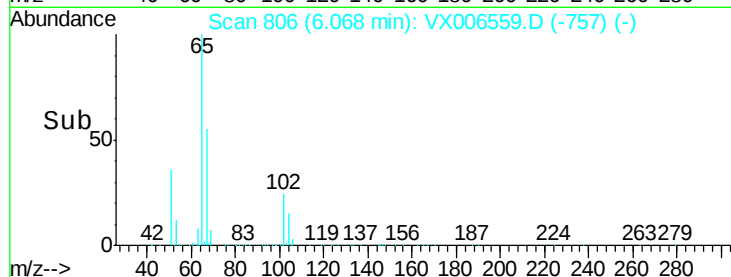
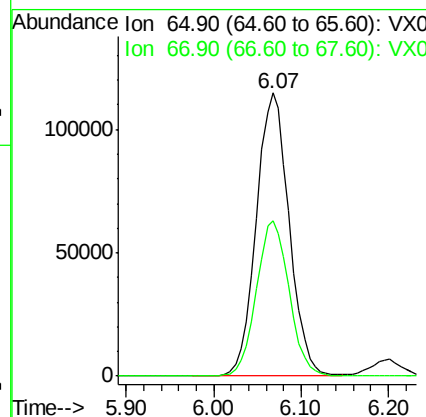
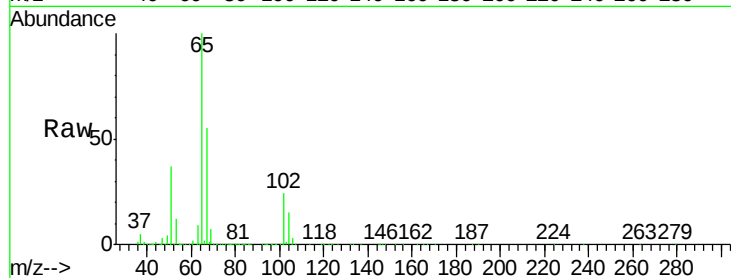
#33
 1,2-Dichloroethane-d4
 Concen: 52.761 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	299405		
67	54.3	0.0	107.2	

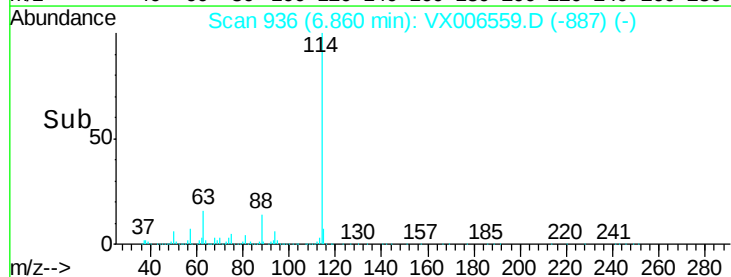
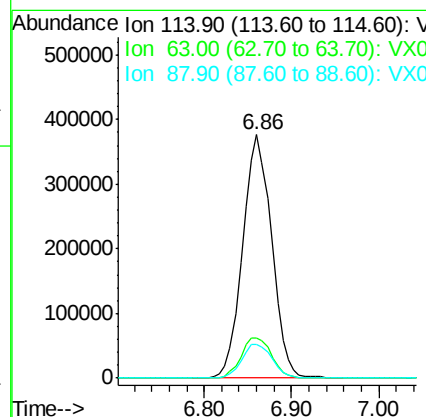
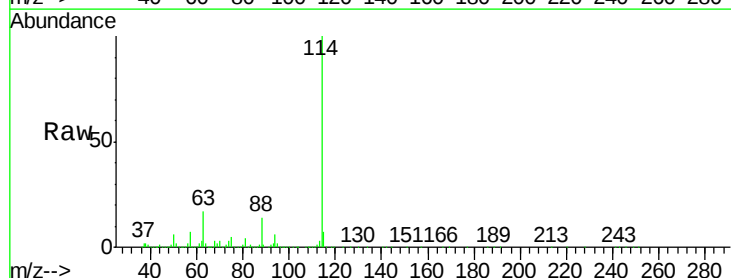
Manual Integrations
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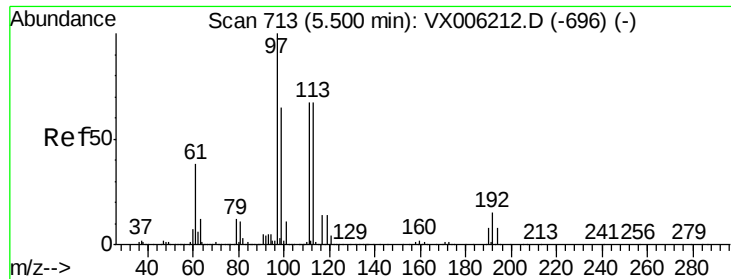
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	867289		
63	16.5	0.0	36.6	
88	14.0	0.0	29.0	





#35

Dibromofluoromethane

Concen: 50.754 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

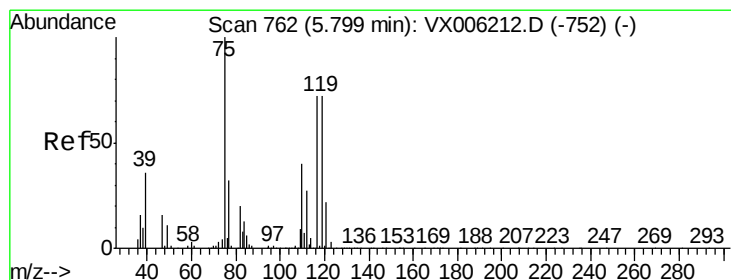
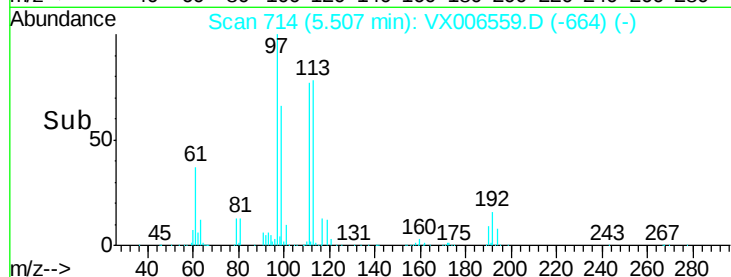
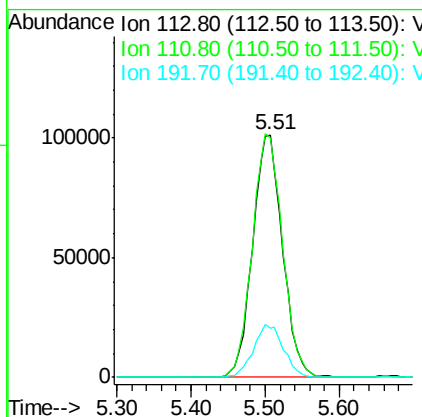
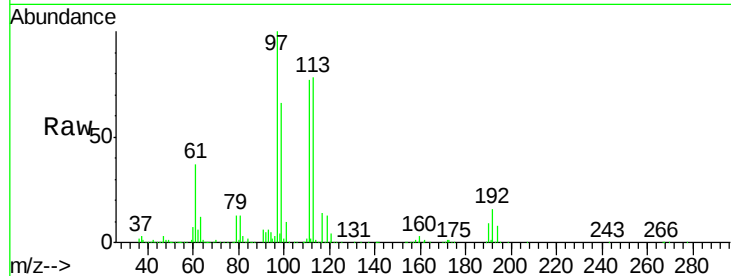
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	285004
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.1	121.7
192	21.8	18.2	27.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.222 ug/l

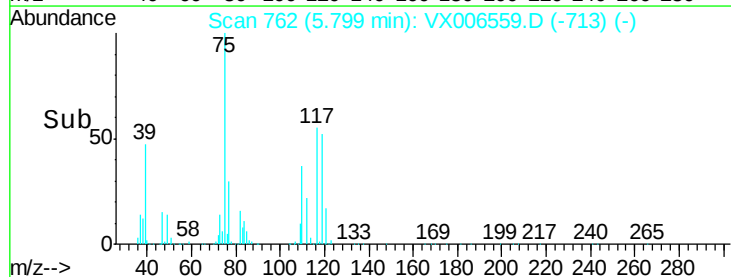
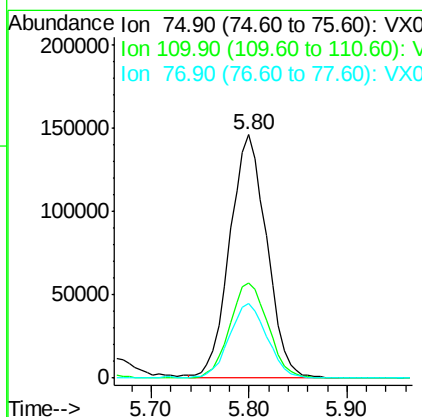
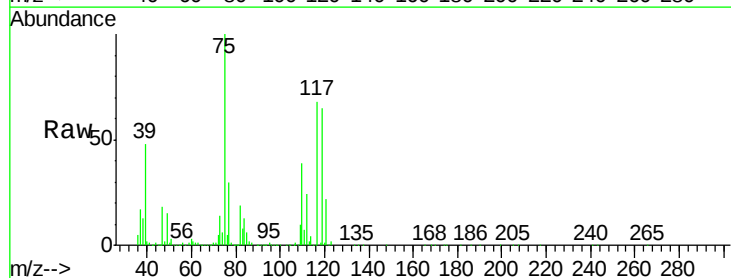
RT: 5.80 min Scan# 762

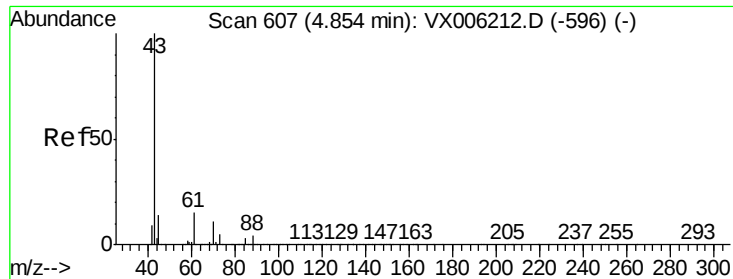
Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion:	75	Resp:	381399
Ion Ratio	Lower	Upper	
75	100		
110	40.8	20.4	61.3
77	31.1	24.9	37.3





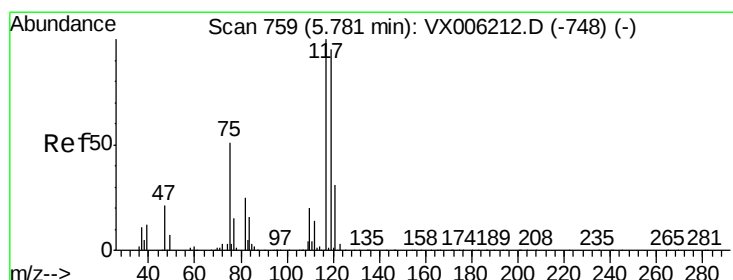
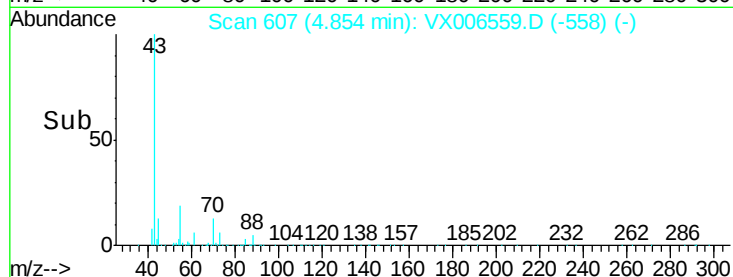
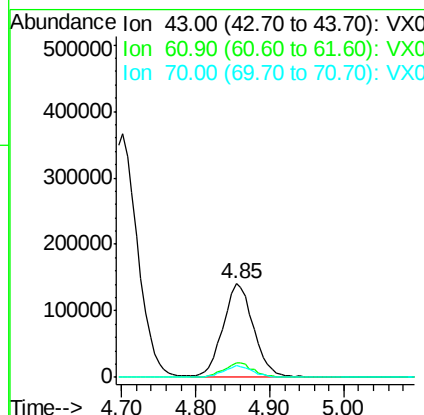
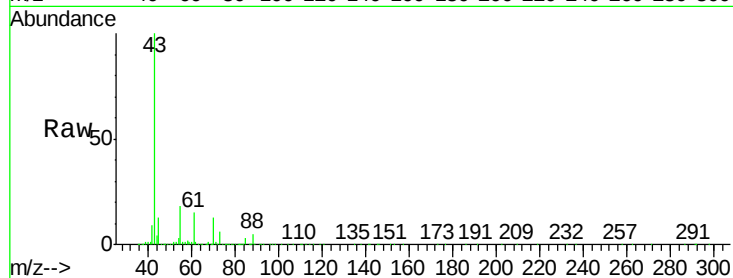
#37
Ethyl Acetate
Concen: 49.242 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.5	17.3
70	12.1	9.0	13.6

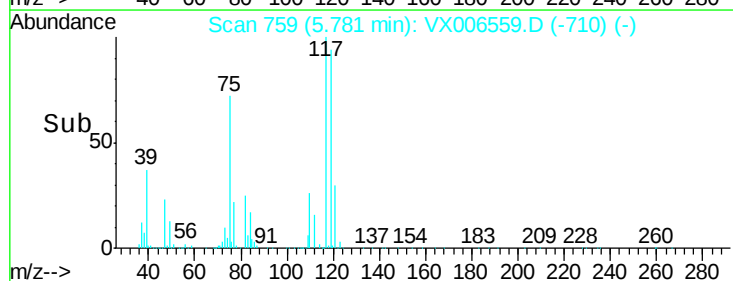
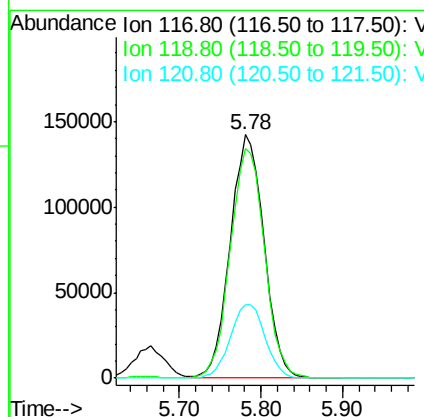
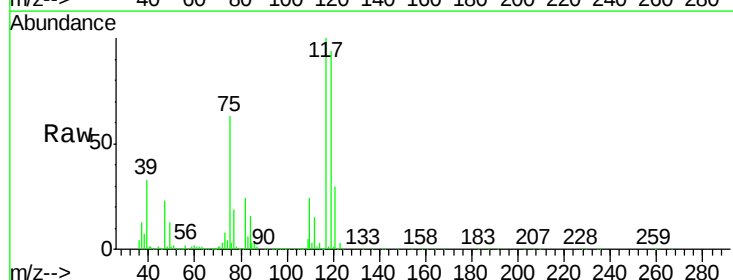
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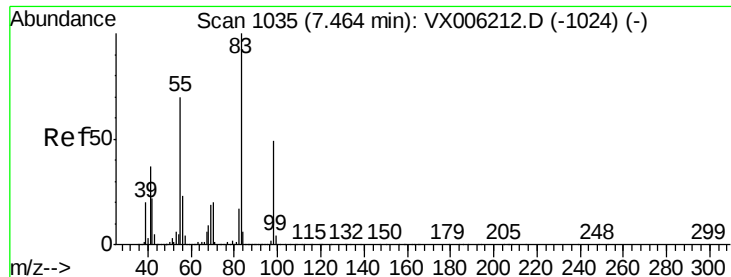
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#38
Carbon Tetrachloride
Concen: 47.304 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.8	113.8
121	30.2	24.6	37.0





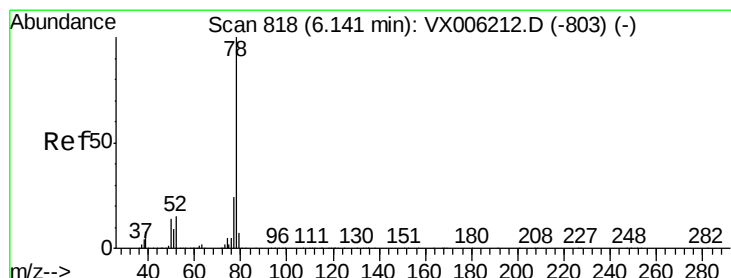
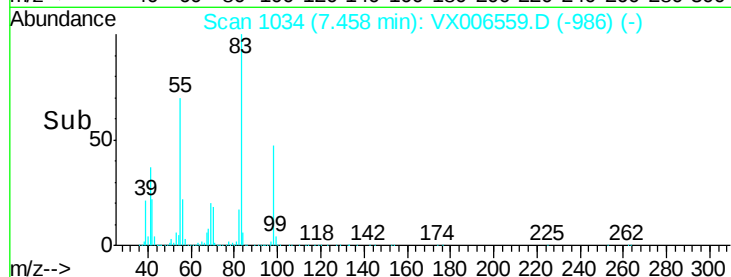
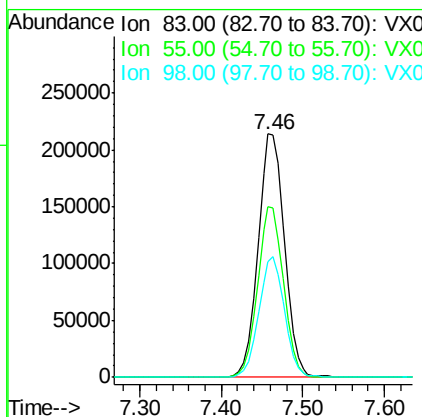
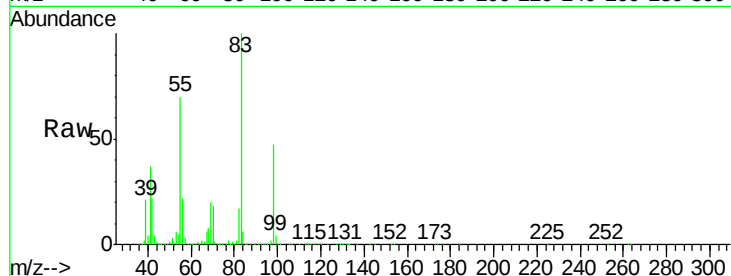
#39
Methylcyclohexane
Concen: 51.130 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.1	56.4	84.6
98	47.5	39.0	58.6

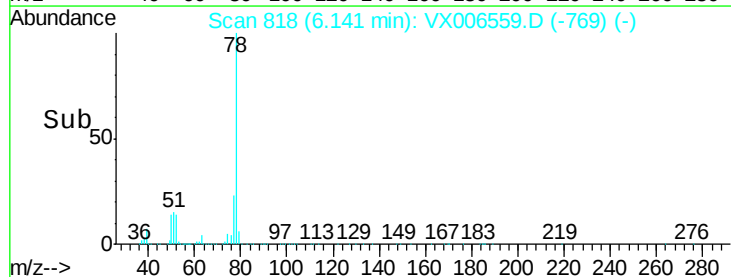
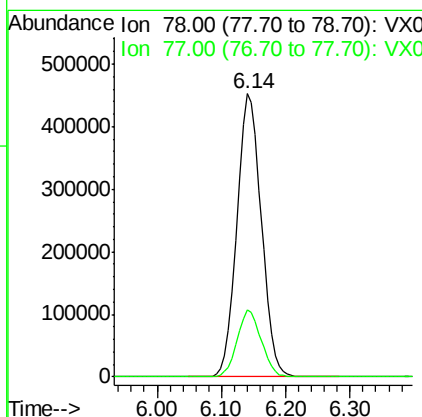
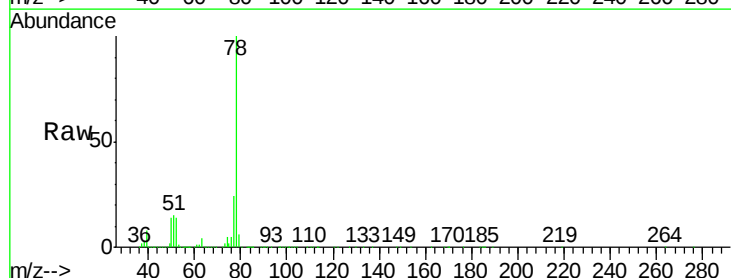
Manual Integrations
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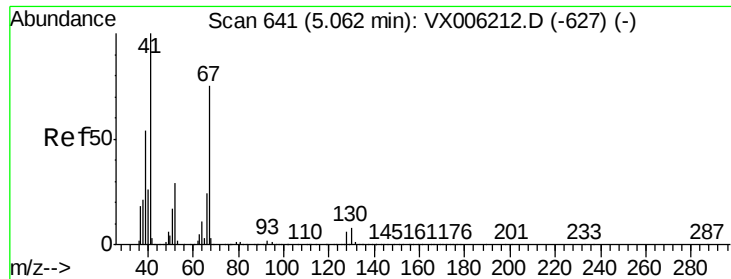
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#40
Benzene
Concen: 54.319 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.2	28.8





#41

Methacrylonitrile

Concen: 49.303 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

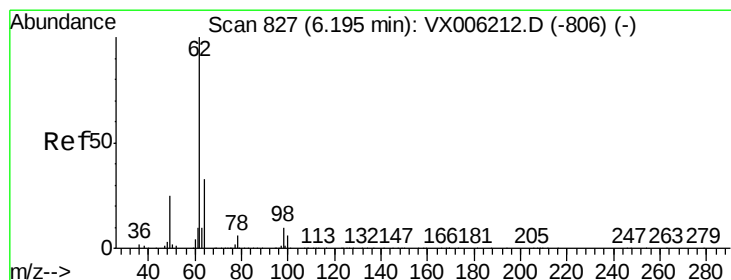
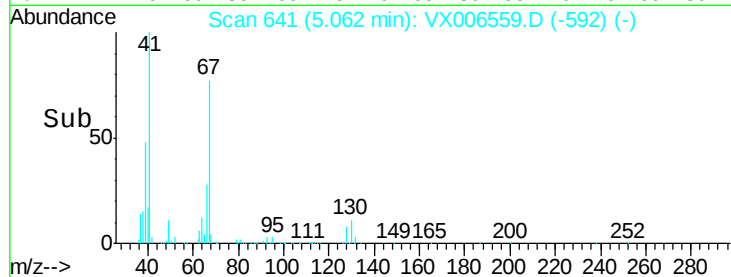
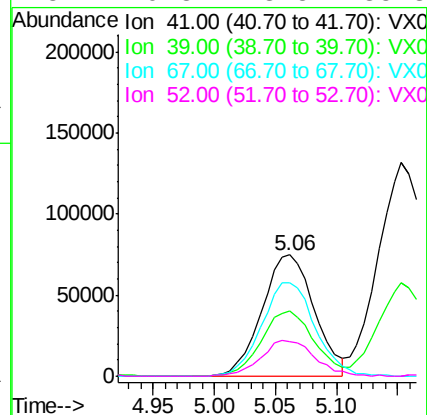
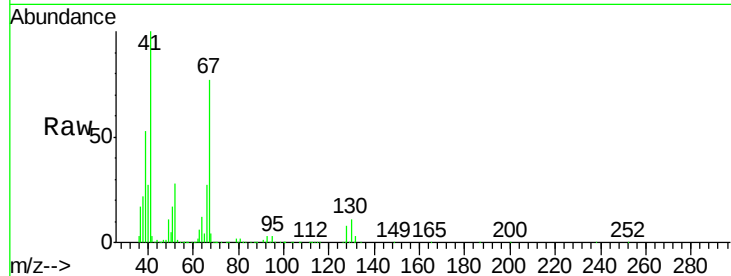
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.0	66.0
67	78.9	61.4	92.0
52	29.8	23.5	35.3

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.613 ug/l

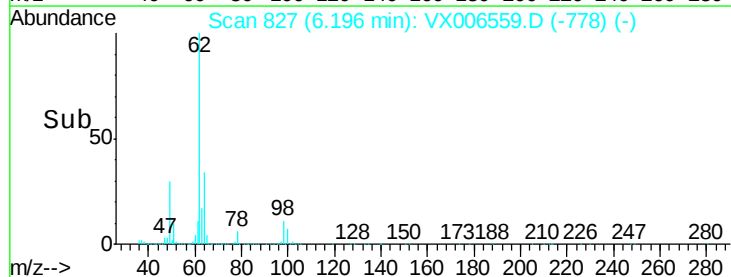
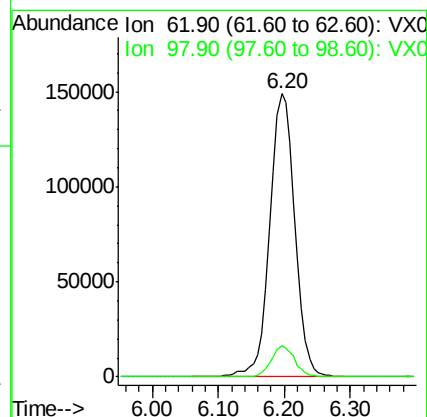
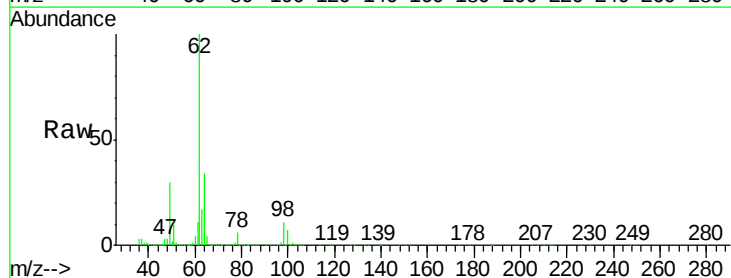
RT: 6.20 min Scan# 827

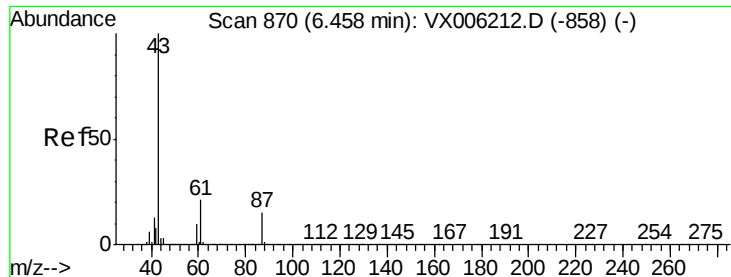
Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 47.821 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

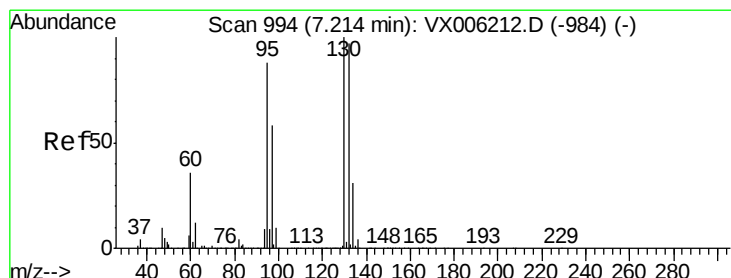
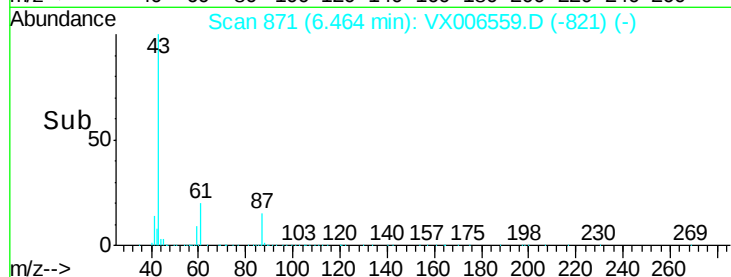
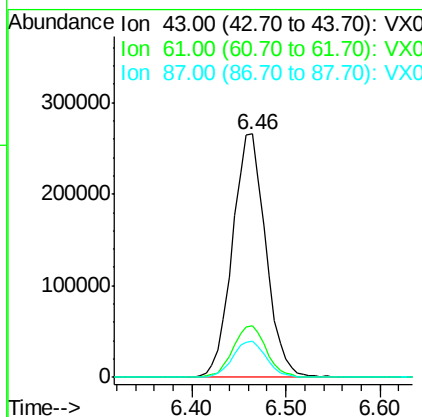
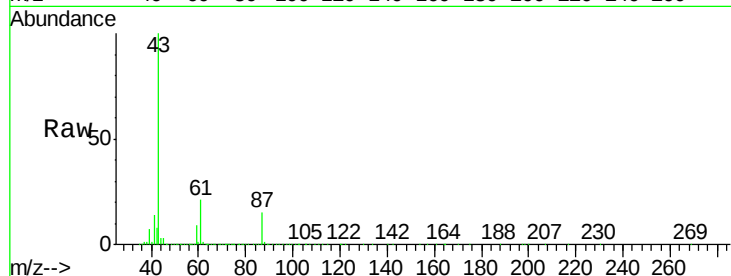
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	652118
Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.8	25.2
87	15.1	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 53.002 ug/l

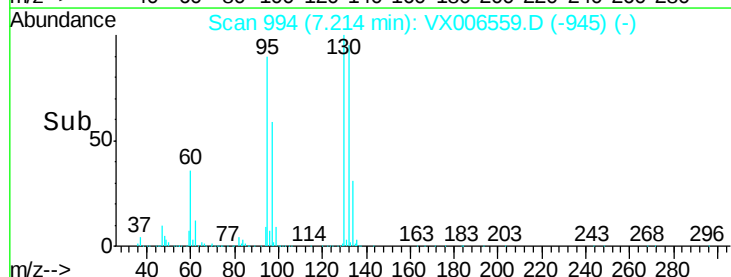
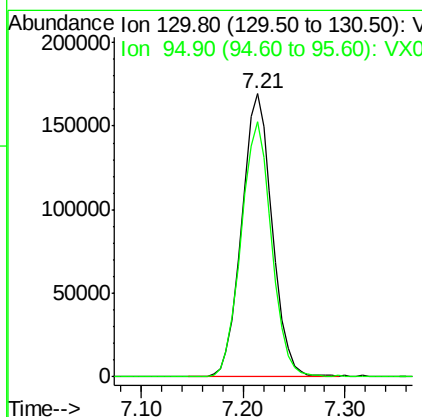
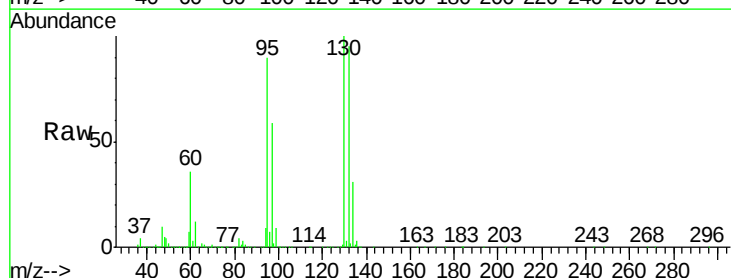
RT: 7.21 min Scan# 994

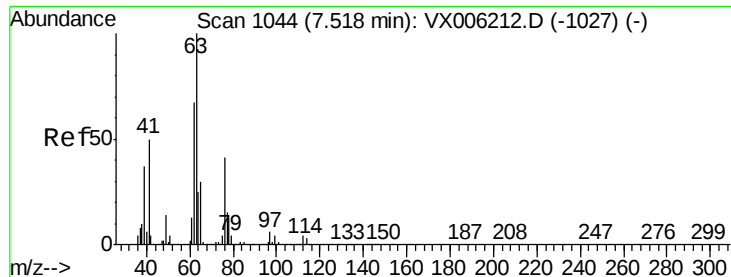
Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion:	130	Resp:	351232
Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	175.8





#45

1,2-Dichloropropane

Concen: 52.733 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 293167

Ion Ratio Lower Upper

63 100

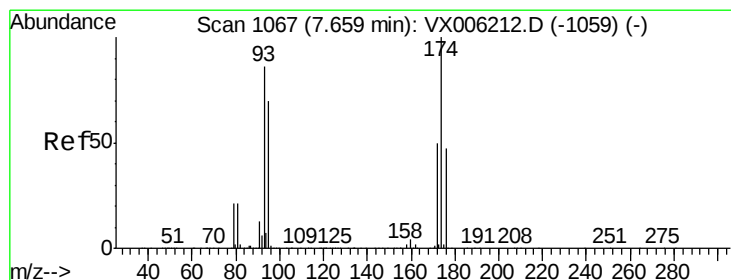
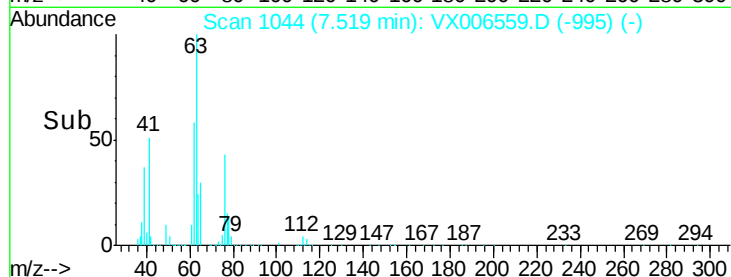
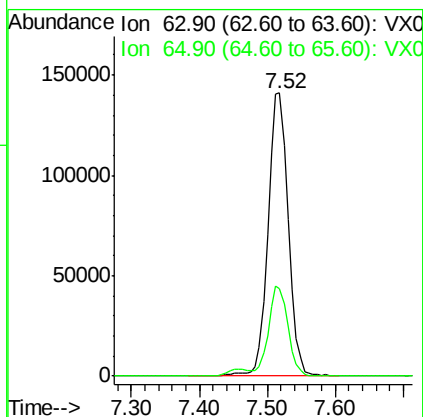
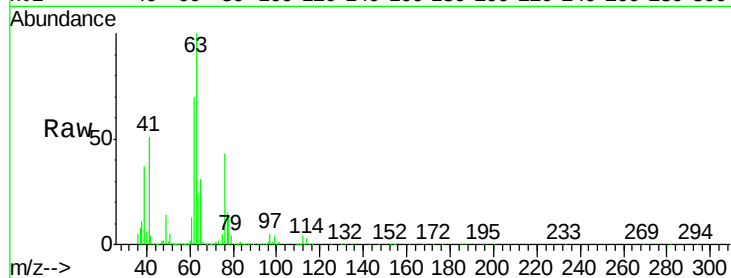
65 30.8 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 52.847 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

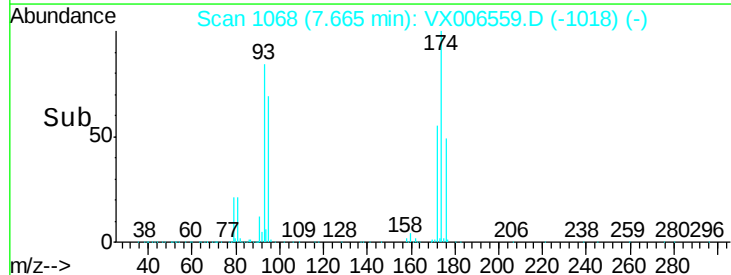
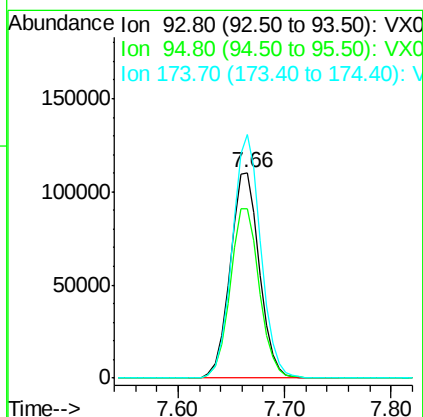
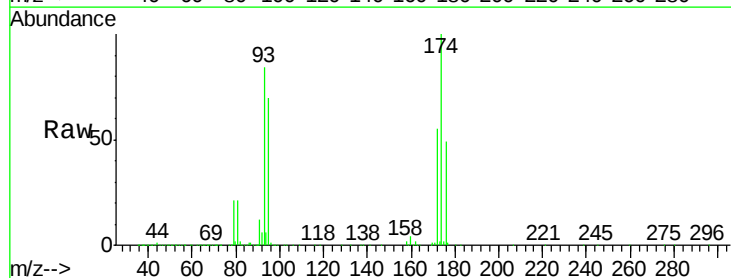
Tgt Ion: 93 Resp: 212189

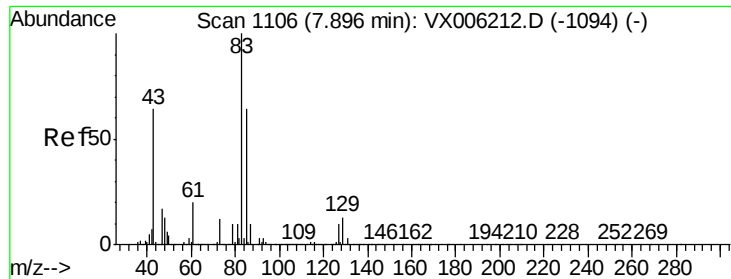
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 115.6 97.2 145.8





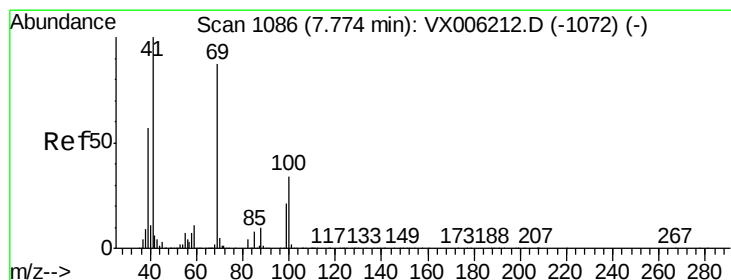
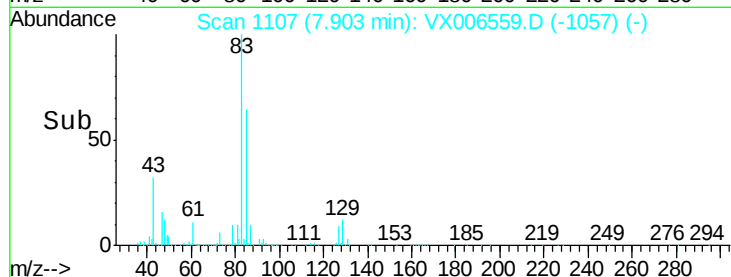
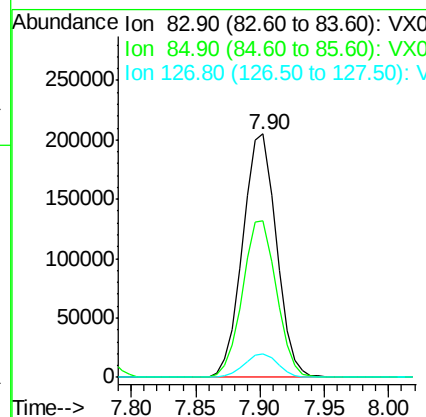
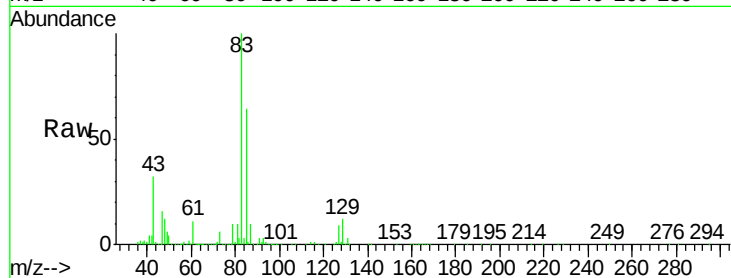
#47
Bromodichloromethane
Concen: 47.765 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	371394		
85	64.2	51.4	77.0	
127	9.4	7.9	11.9	

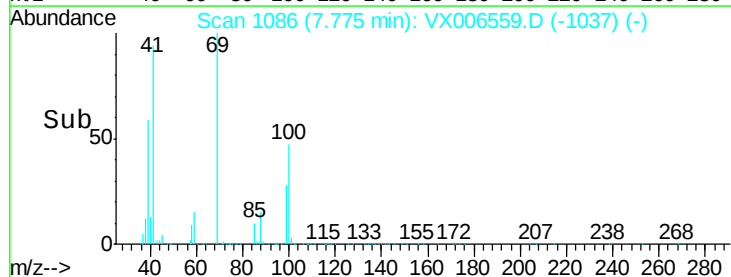
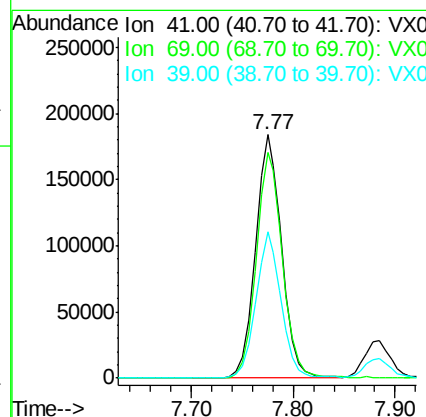
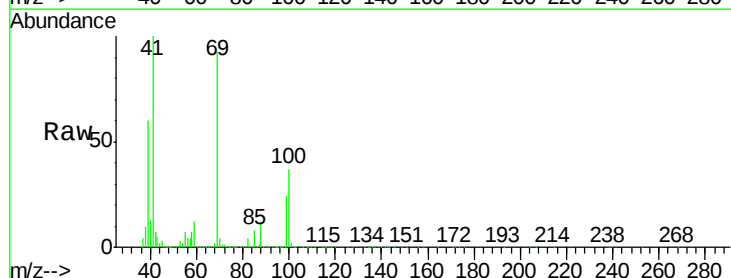
Manual Integrations
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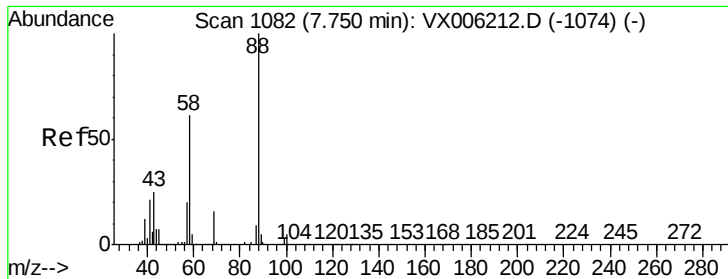
MMDadoda
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#48
Methyl methacrylate
Concen: 49.261 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	326797		
69	93.0	70.3	105.5	
39	57.8	45.3	67.9	





#49

1,4-Dioxane

Concen: 1047.887 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

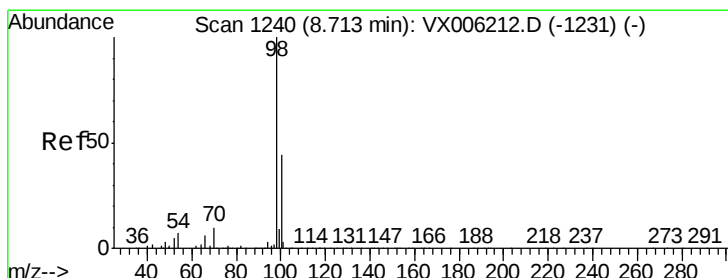
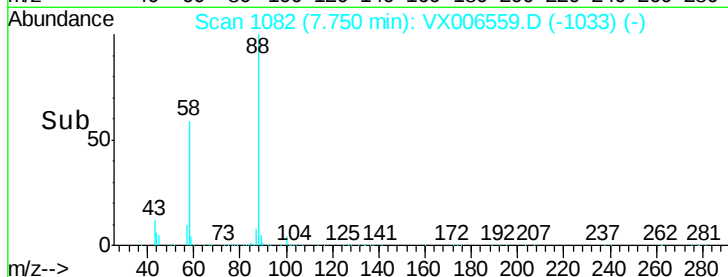
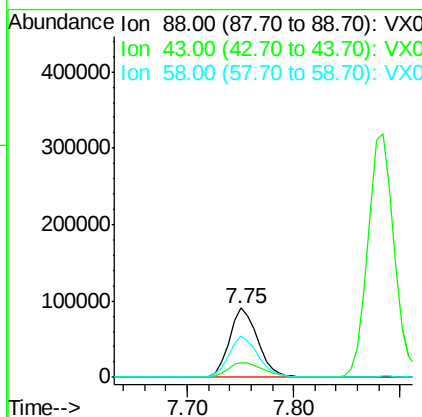
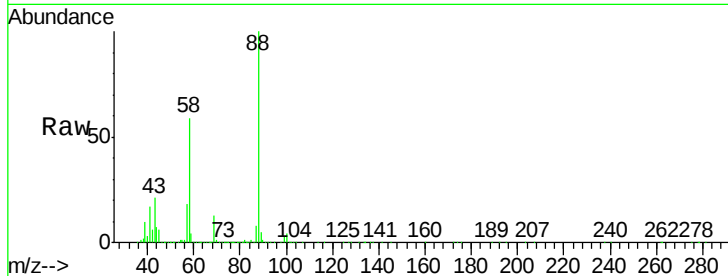
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	88	Resp:	171336
Ion	Ratio	Lower	Upper
88	100		
43	25.8	23.2	34.8
58	61.6	51.4	77.0

Manual Integrations
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#50

Toluene-d8

Concen: 50.260 ug/l

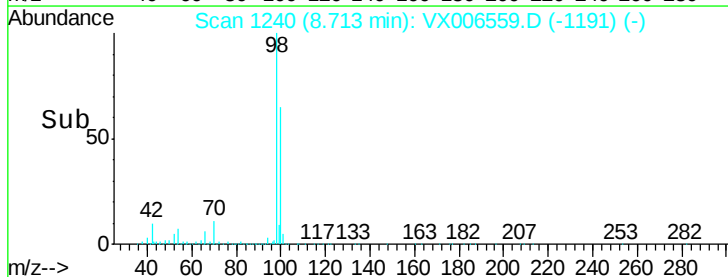
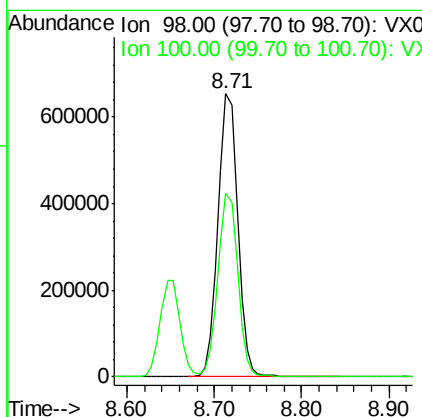
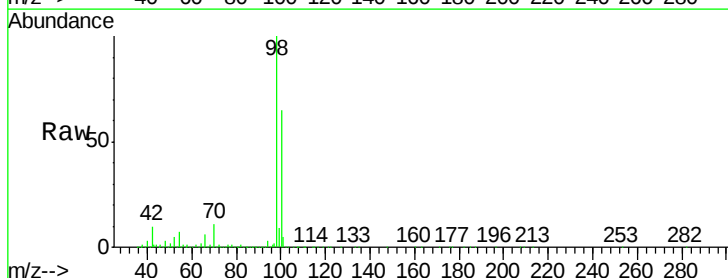
RT: 8.71 min Scan# 1240

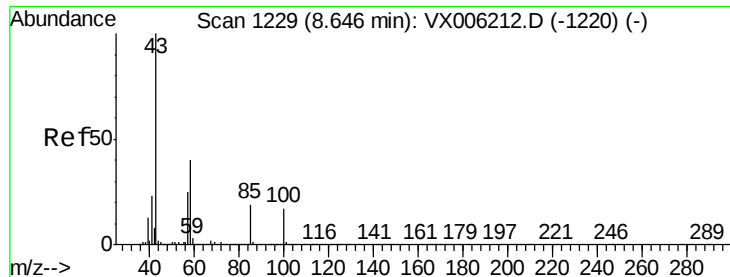
Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion:	98	Resp:	1026574
Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2





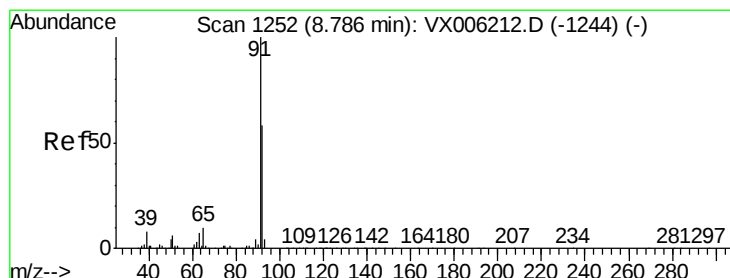
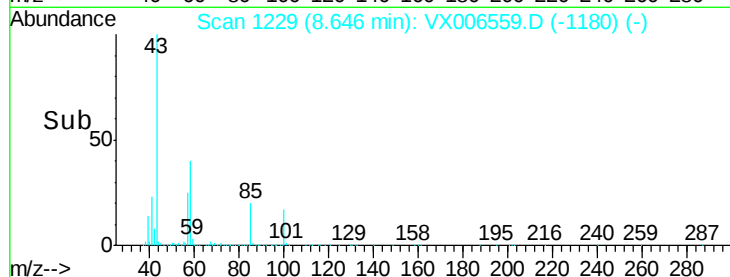
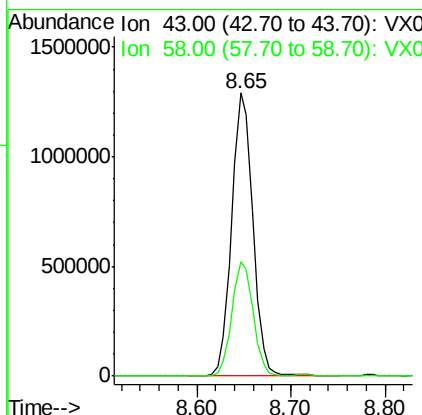
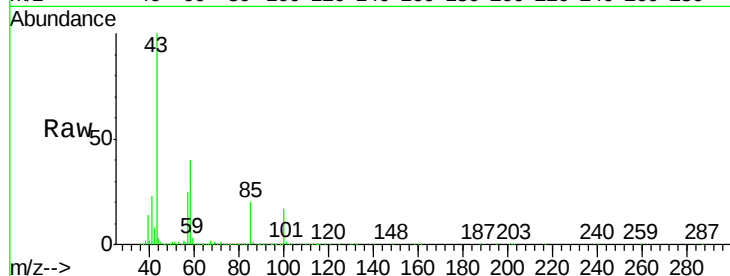
#51
 4-Methyl-2-Pentanone
 Concen: 254.745 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2022292
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.3 46.9

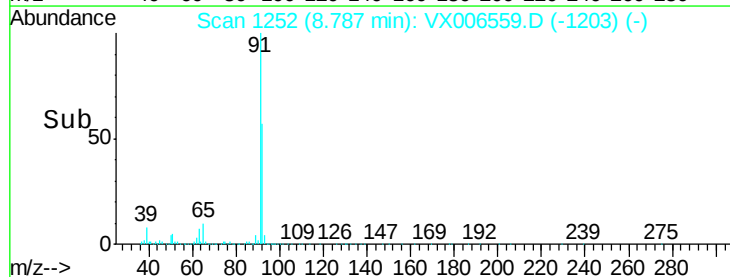
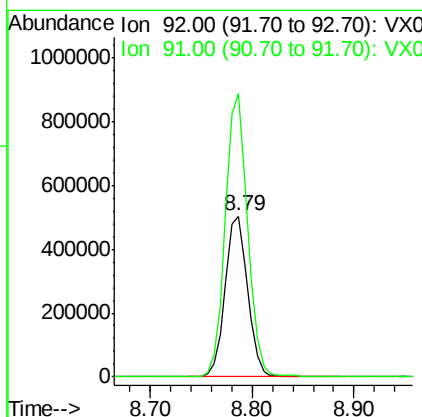
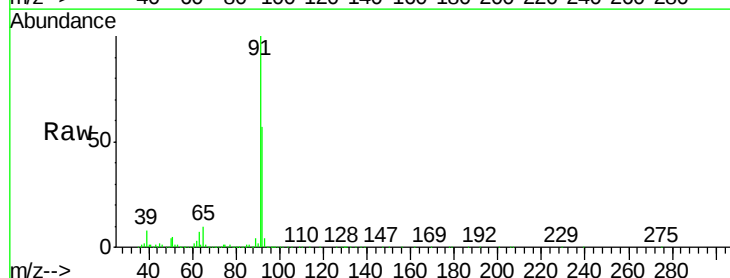
Manual Integrations
 APPROVED

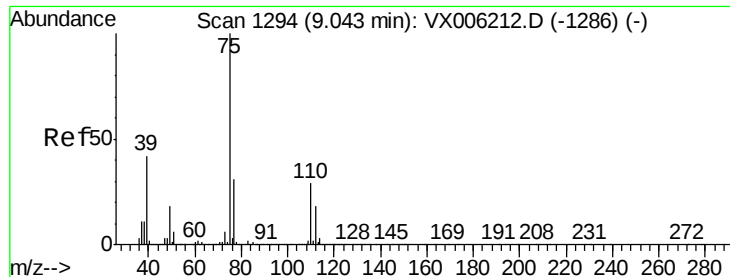
MMDadoda
 12/17/2018 12:13:04 PM



#52
 Toluene
 Concen: 53.554 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Tgt Ion: 92 Resp: 770709
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 42.664 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 387961

Ion Ratio Lower Upper

75 100

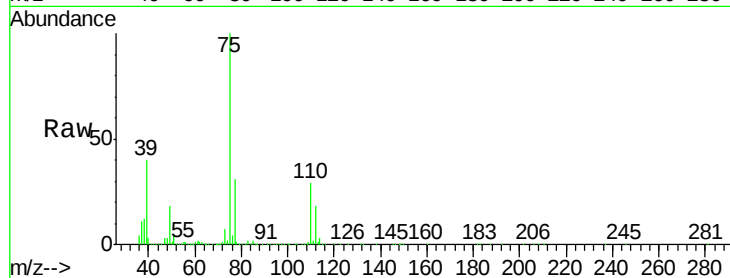
77 31.2 25.0 37.4

Manual Integrations

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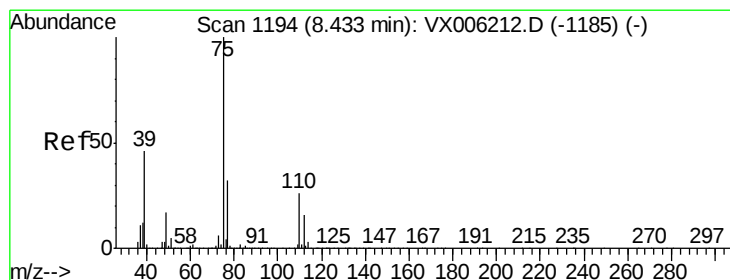
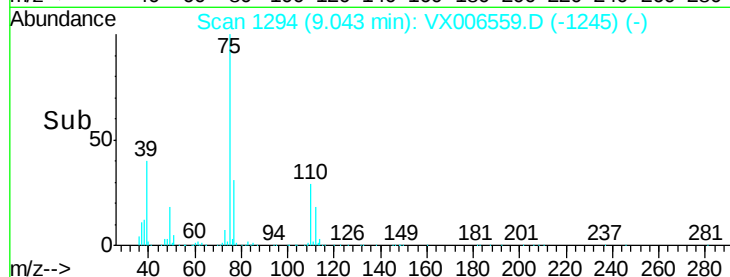
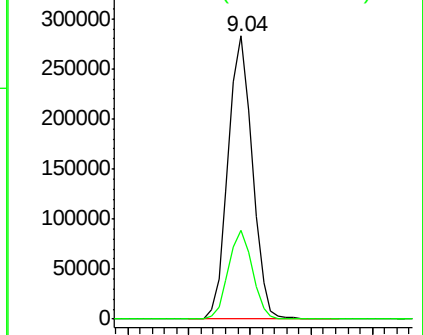
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 45.066 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

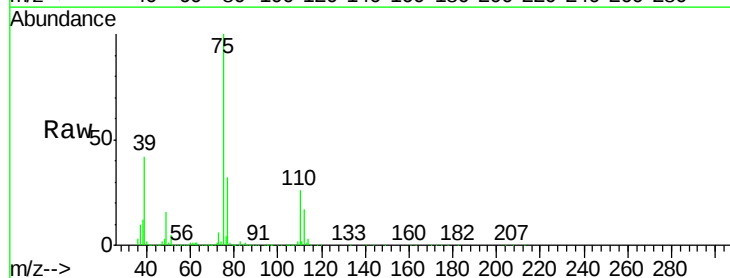
Tgt Ion: 75 Resp: 425540

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4

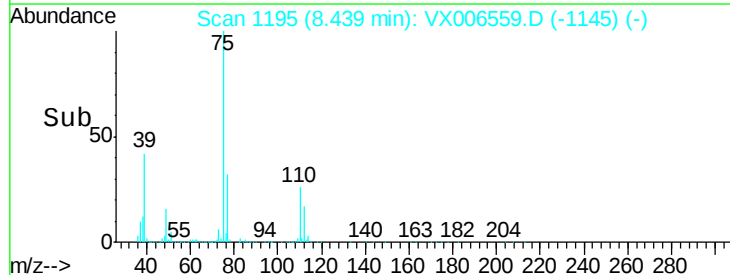
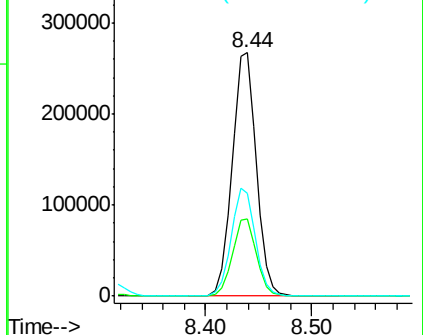
39 42.1 36.5 54.7

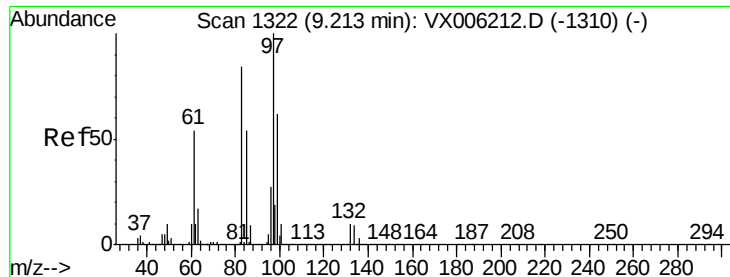


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 54.666 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

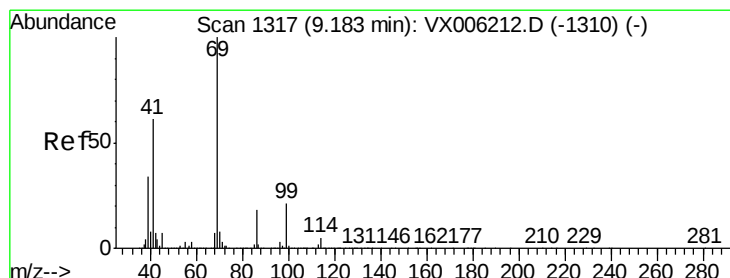
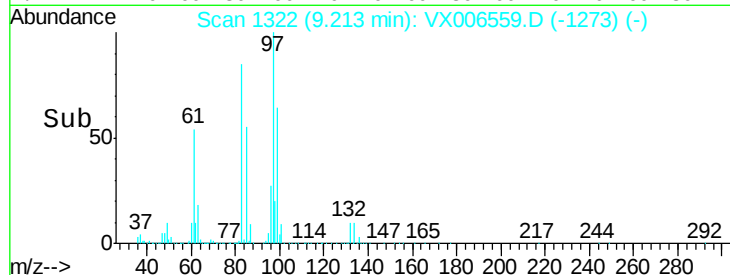
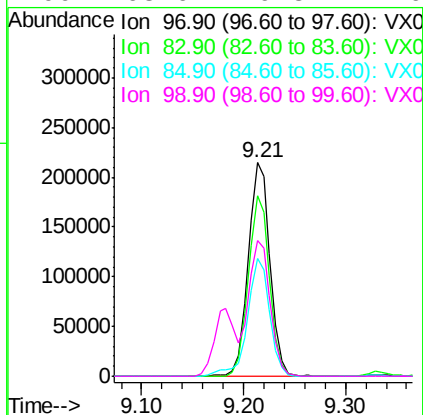
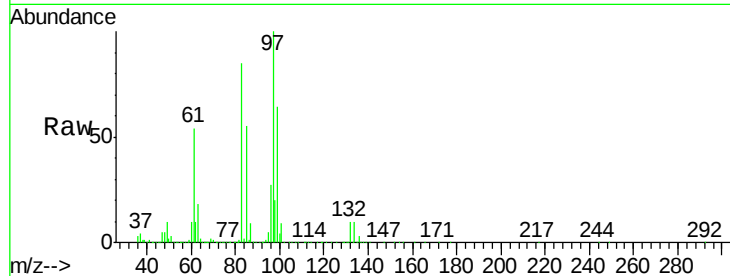
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	319605		
83	84.6	67.1	100.7	
85	55.0	43.2	64.8	
99	63.6	49.8	74.6	

Manual Integrations
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#56

Ethyl methacrylate

Concen: 51.505 ug/l

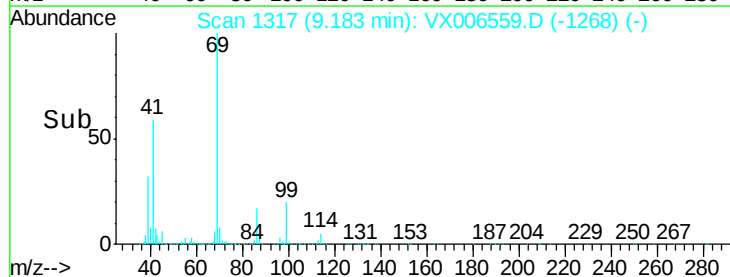
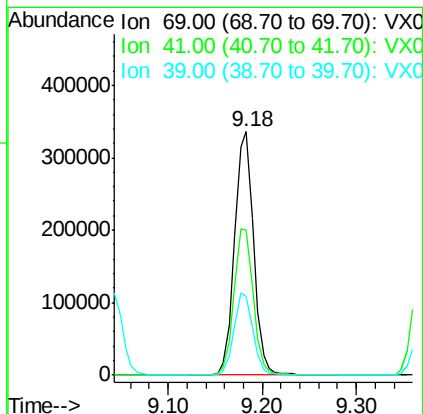
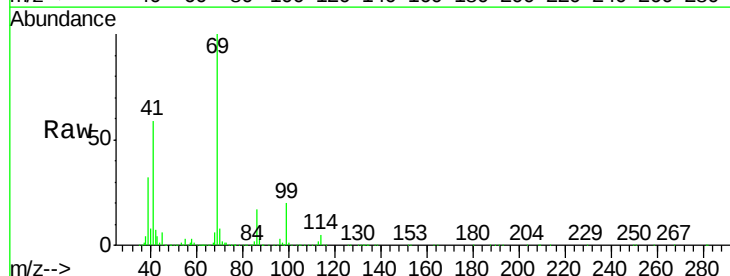
RT: 9.18 min Scan# 1317

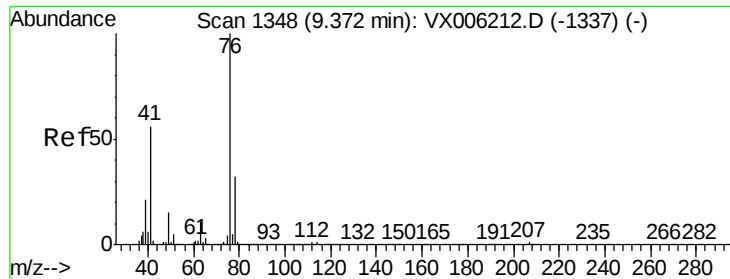
Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	470759		
41	60.9	50.6	76.0	
39	33.7	27.6	41.4	





#57

1,3-Dichloropropane

Concen: 55.118 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 509570

Ion Ratio Lower Upper

76 100

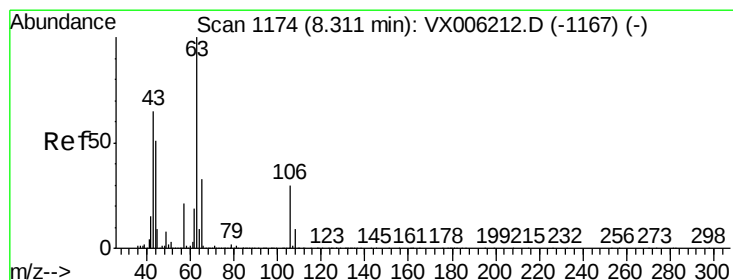
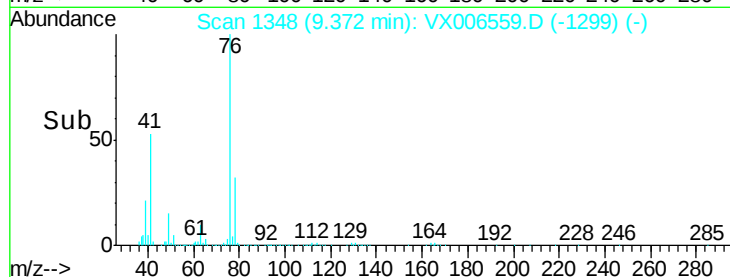
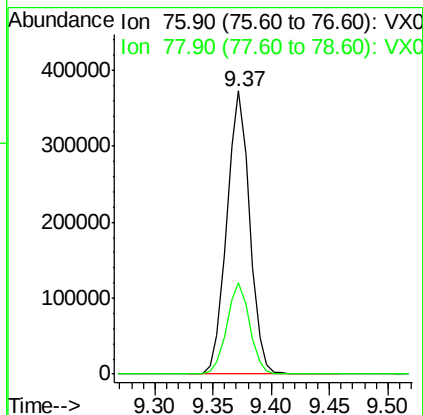
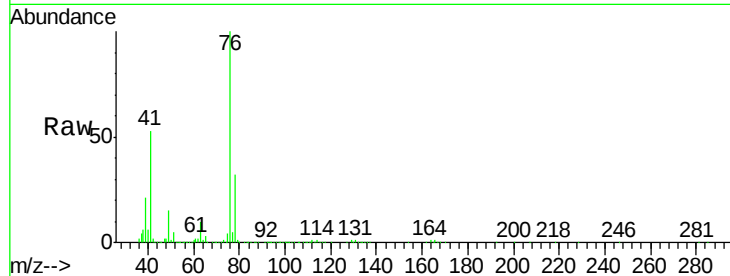
78 32.1 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 232.613 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006559.D

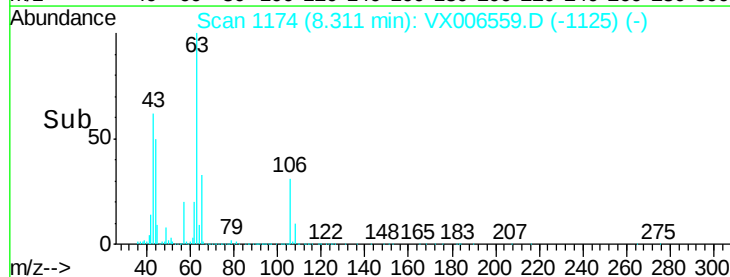
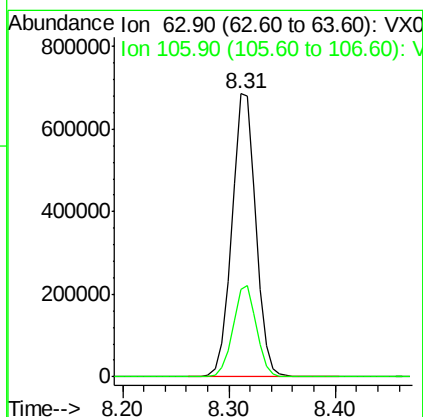
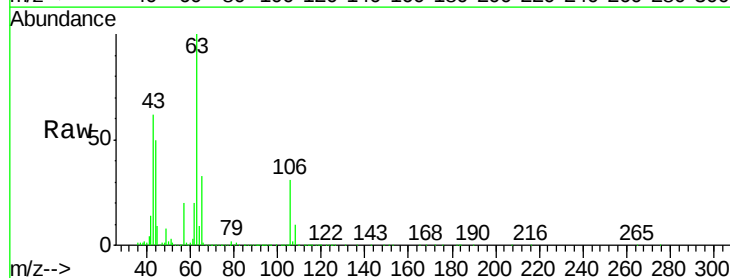
Acq: 15 Dec 2018 11:54

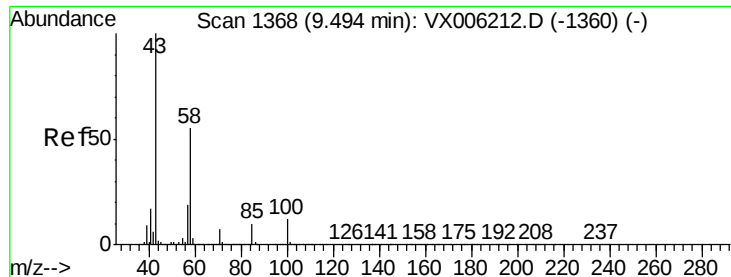
Tgt Ion: 63 Resp: 1078877

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3





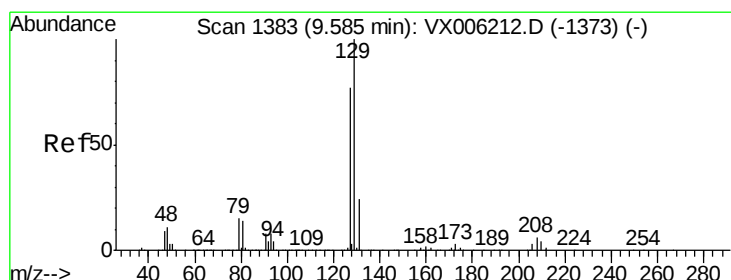
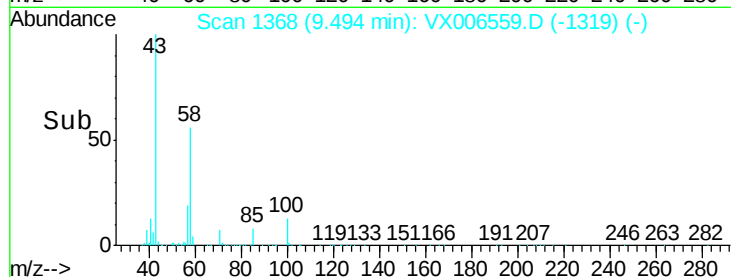
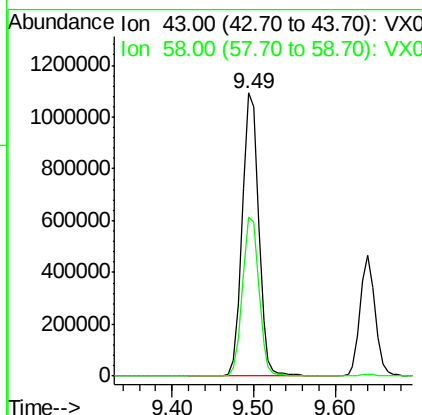
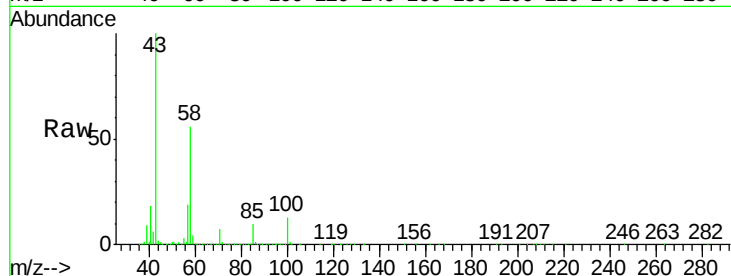
#59
2-Hexanone
Concen: 249.055 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1510521
Ion Ratio Lower Upper
43 100
58 56.6 27.7 83.1

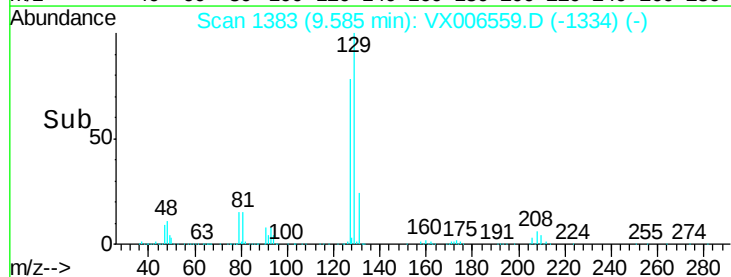
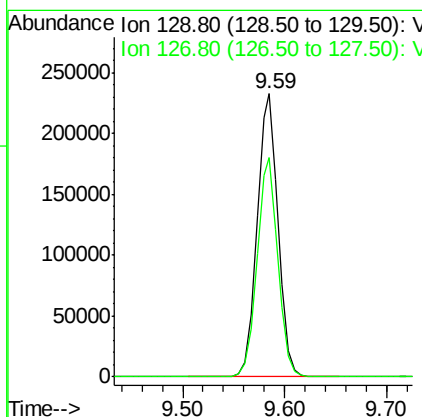
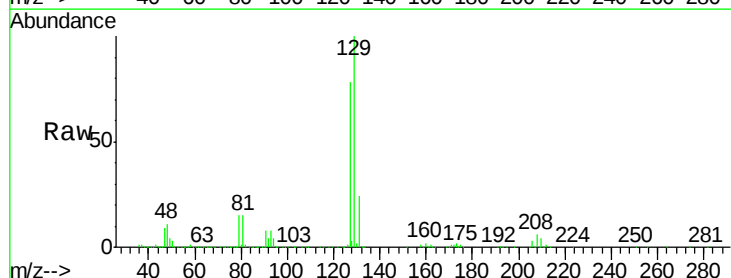
Manual Integrations
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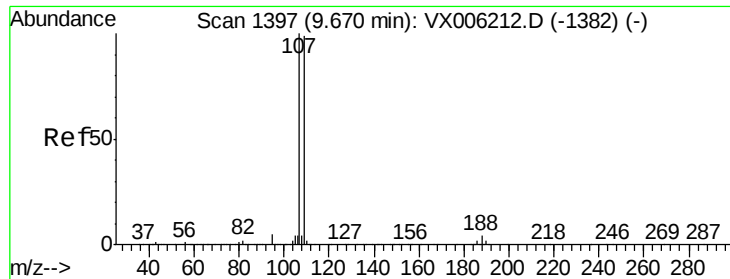
MMDadoda
12/17/2018 12:13:04 PM



#60
Dibromochloromethane
Concen: 46.315 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion: 129 Resp: 333899
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





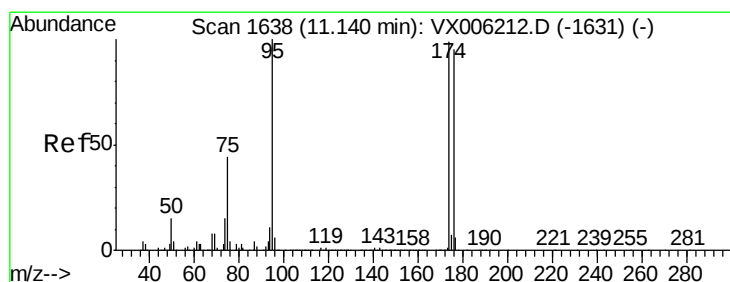
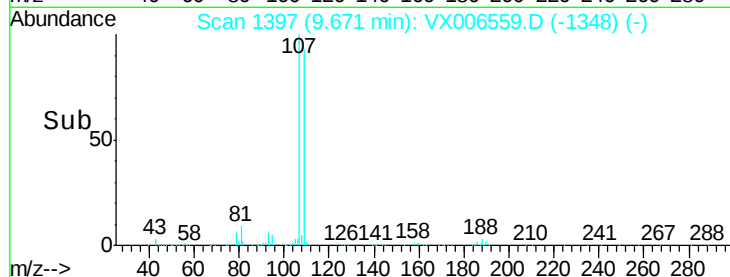
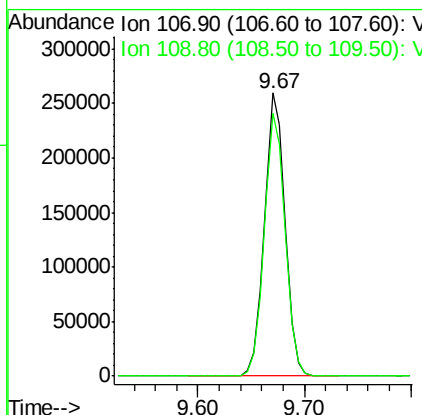
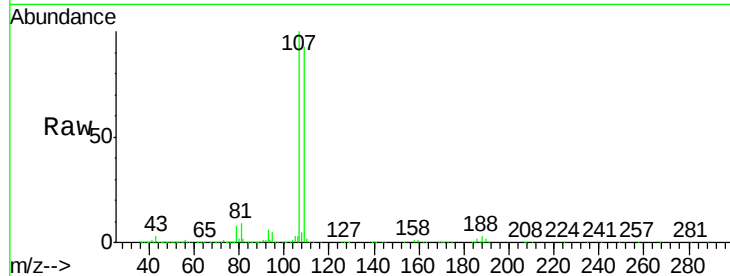
#61
 1,2-Dibromoethane
 Concen: 54.148 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	353982		
109	94.1	76.3	114.5	

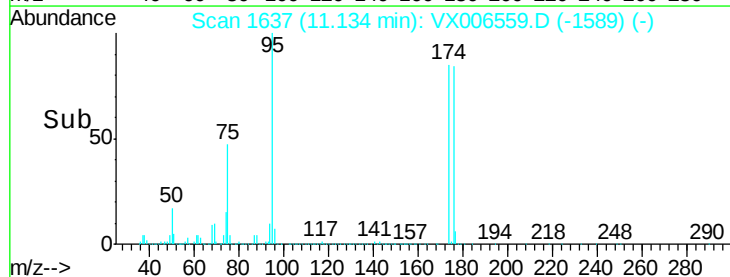
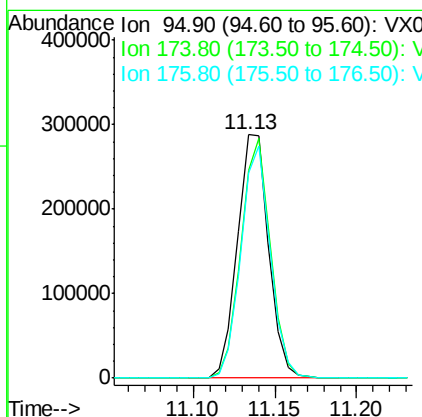
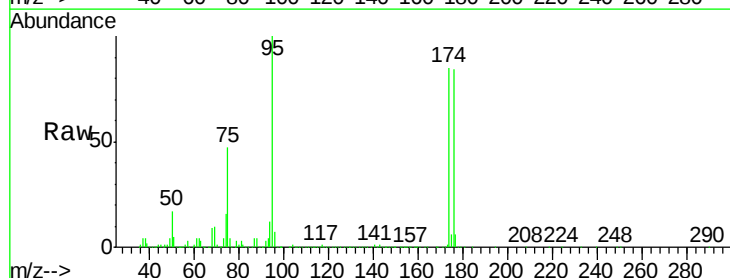
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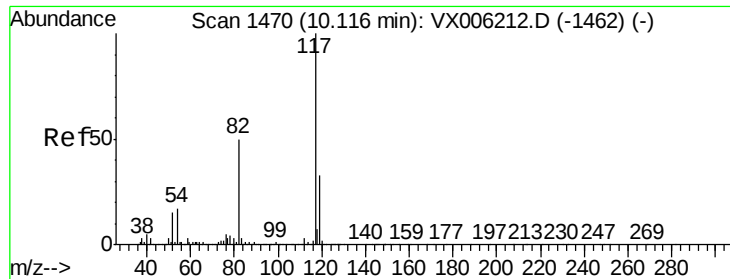
MMDadoda
 12/17/2018 12:13:04 PM



#62
 4-Bromofluorobenzene
 Concen: 50.111 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	385698		
174	93.1	0.0	187.0	
176	89.9	0.0	181.8	





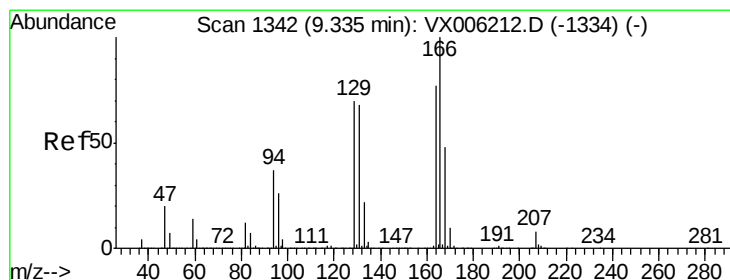
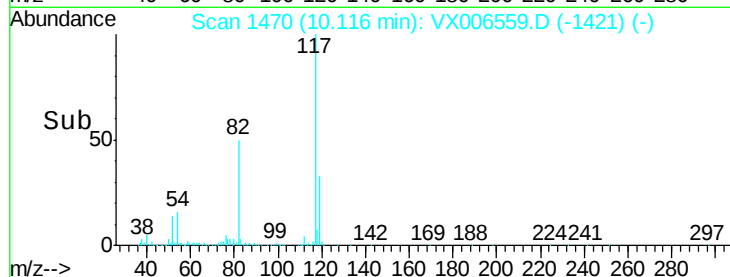
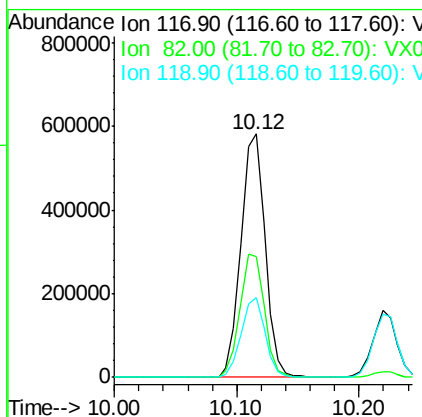
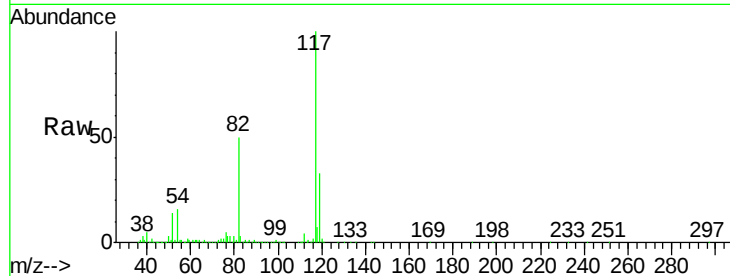
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	799472		
82	49.5	39.6	59.4	
119	32.5	26.3	39.5	

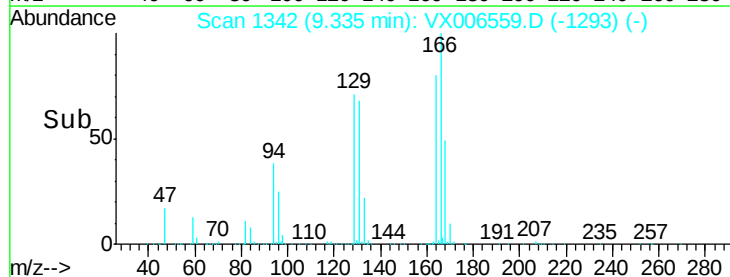
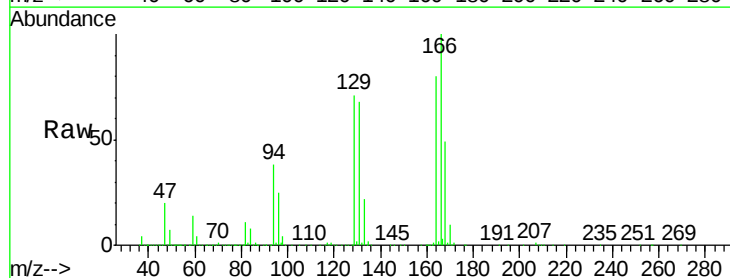
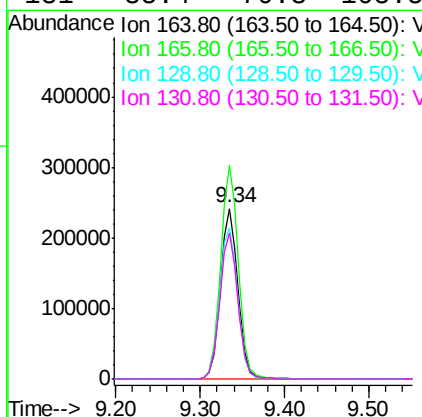
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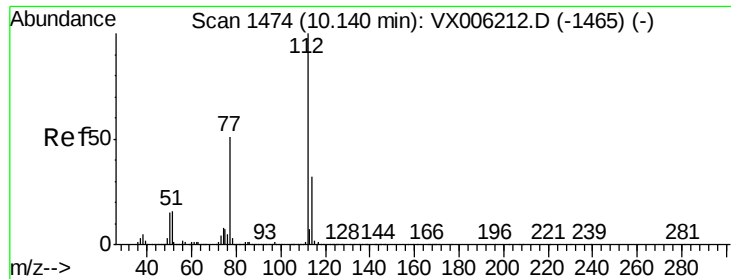
MMDadoda
12/17/2018 12:13:04 PM



#64
Tetrachloroethene
Concen: 57.566 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	346593		
166	125.3	104.2	156.2	
129	88.4	72.6	108.8	
131	85.4	70.3	105.5	





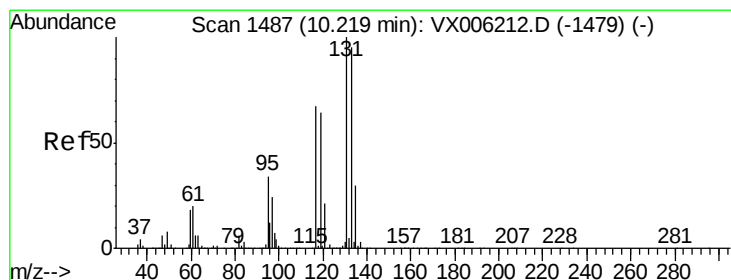
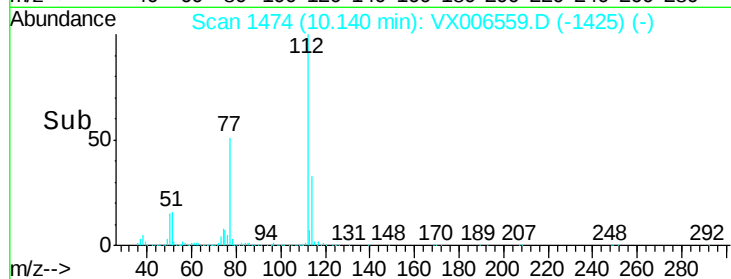
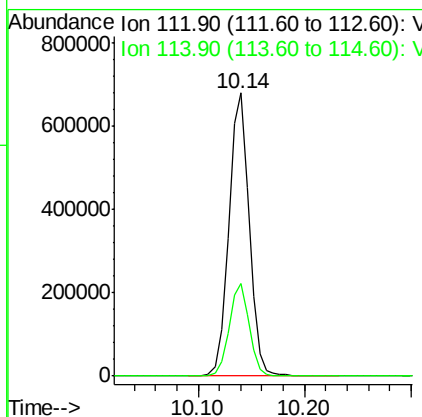
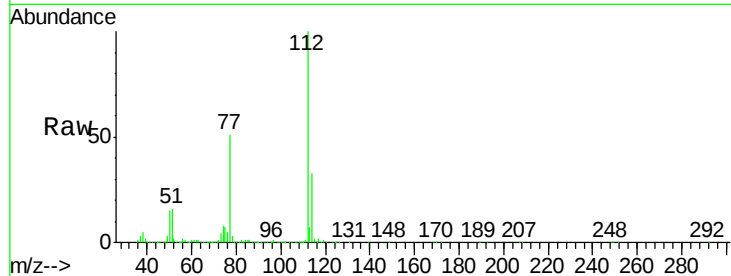
#65
Chlorobenzene
Concen: 53.607 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 909773
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2

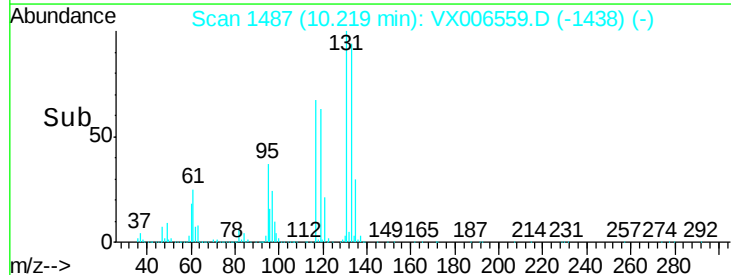
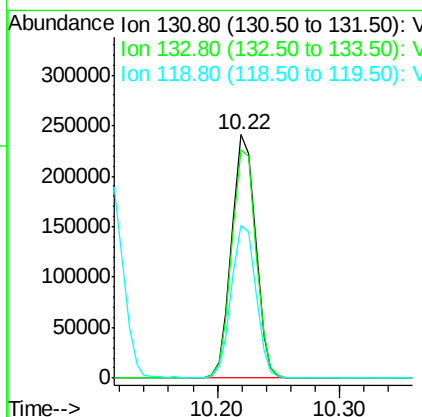
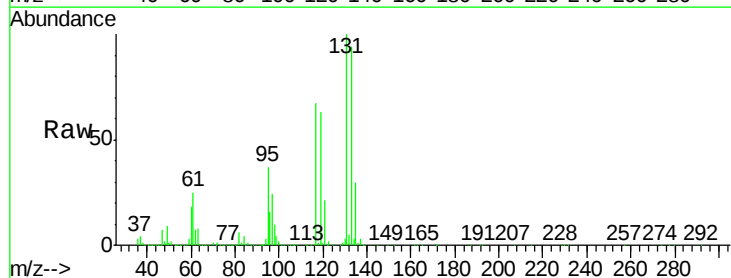
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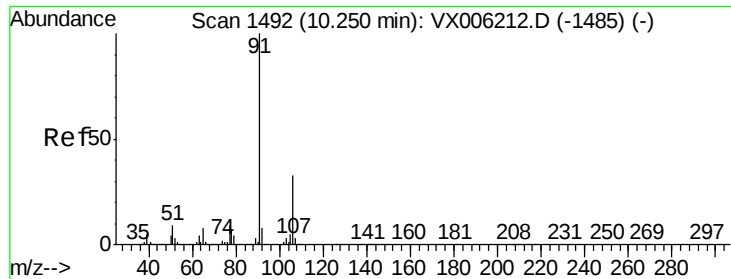
MMDadoda
12/17/2018 12:13:04 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.367 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion:131 Resp: 325516
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 64.6 32.1 96.3





#67

Ethyl Benzene

Concen: 52.353 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1477726

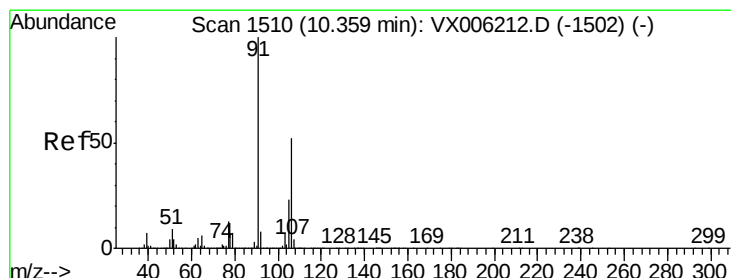
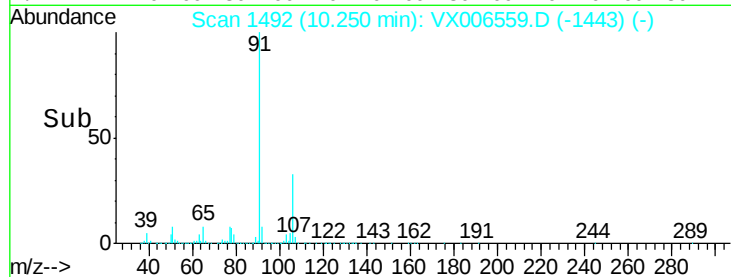
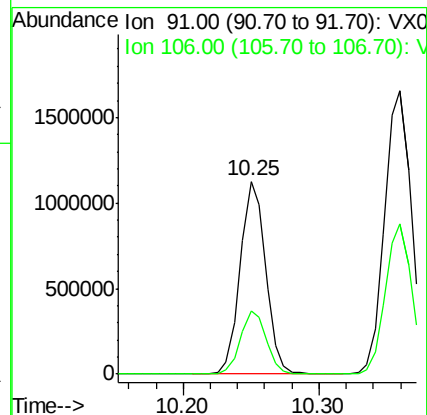
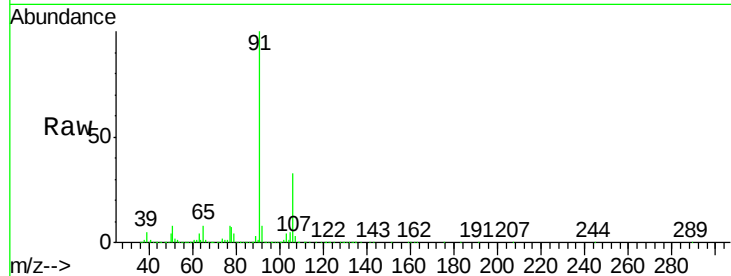
Ion Ratio Lower Upper

91 100

106 32.6 26.5 39.7

Manual Integrations
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#68

m/p-Xylenes

Concen: 105.538 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006559.D

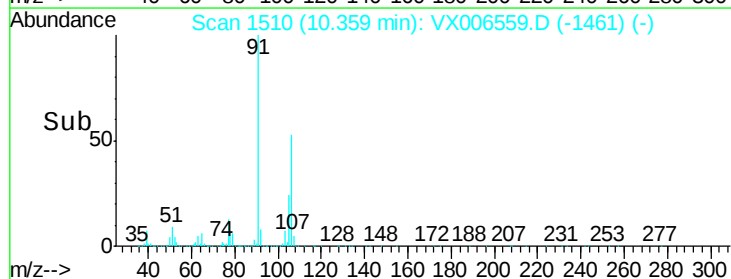
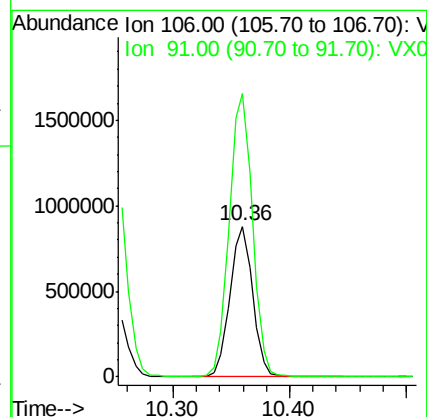
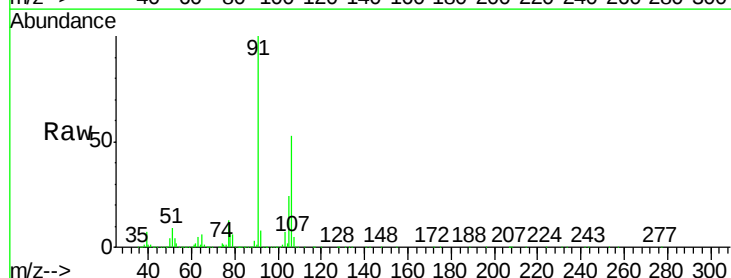
Acq: 15 Dec 2018 11:54

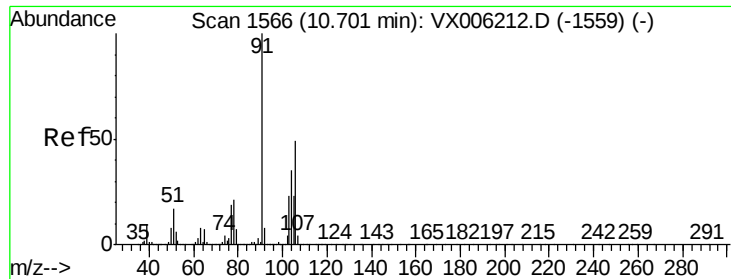
Tgt Ion: 106 Resp: 1193272

Ion Ratio Lower Upper

106 100

91 192.4 155.2 232.8





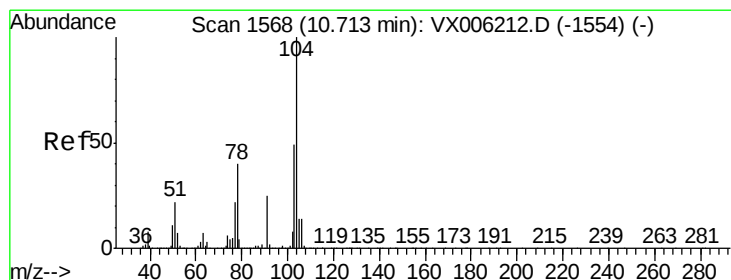
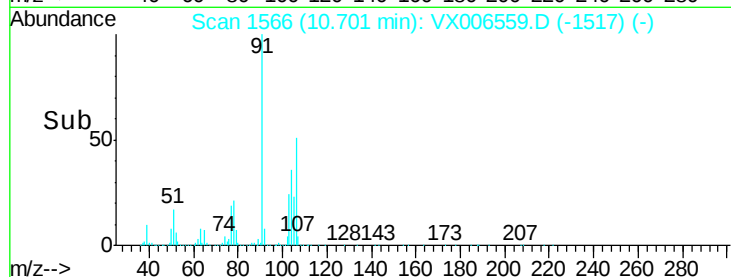
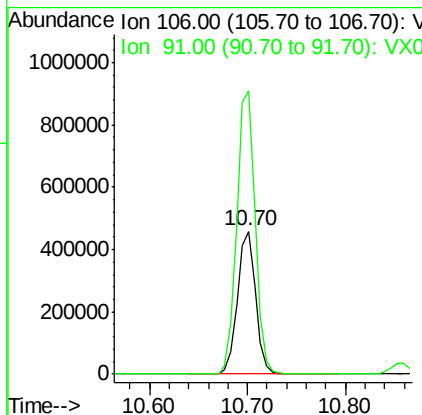
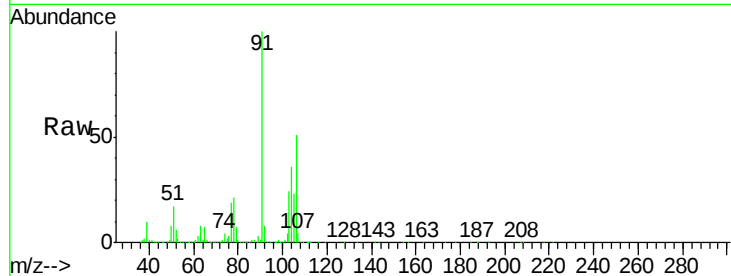
#69
o-Xylene
Concen: 52.706 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 588630
Ion Ratio Lower Upper
106 100
91 202.4 101.8 305.6

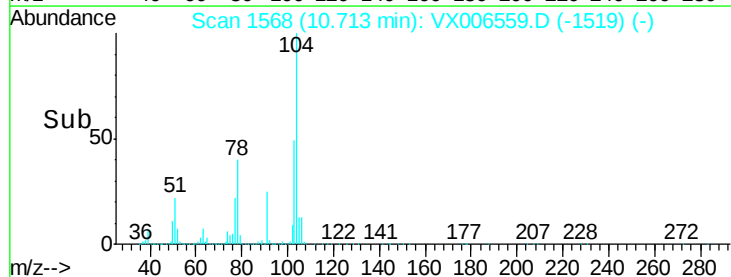
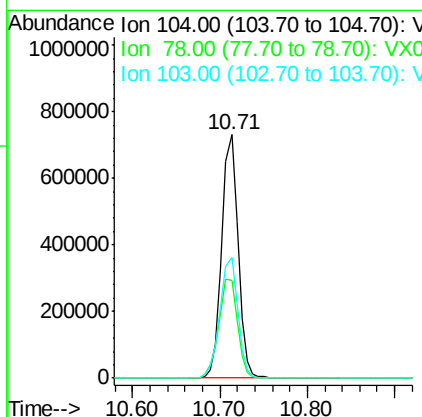
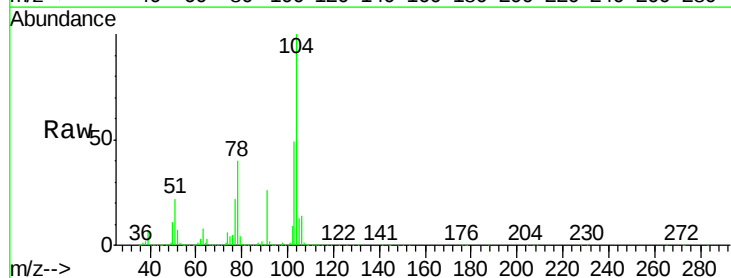
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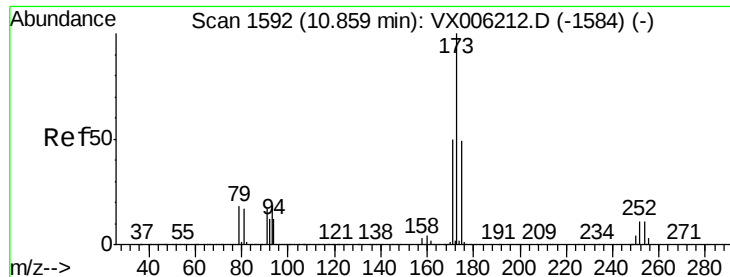
MMDadoda
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#70
Styrene
Concen: 52.201 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion:104 Resp: 942918
Ion Ratio Lower Upper
104 100
78 46.7 37.2 55.8
103 54.9 43.5 65.3





#71

Bromoform

Concen: 40.502 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

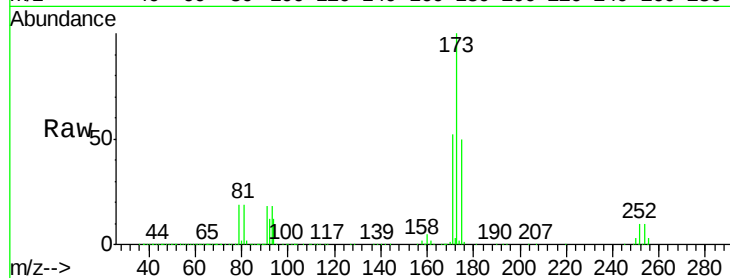
ClientSampleId :

VSTDCCC050EC

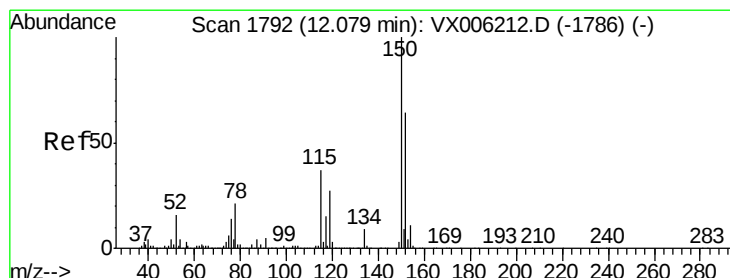
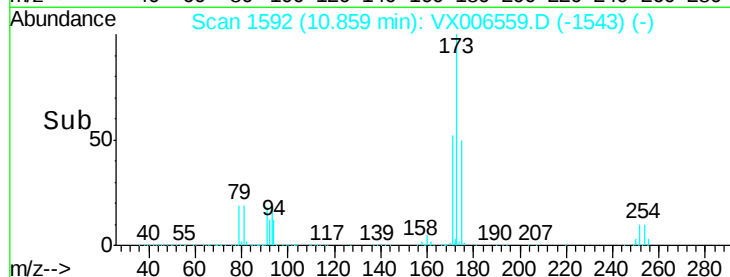
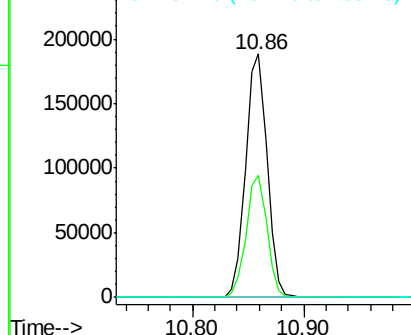
Tgt Ion	Ratio	Resp	Lower	Upper
173	100	252105		
175	48.8	24.6	73.8	
254	0.1	0.2	0.2#	

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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

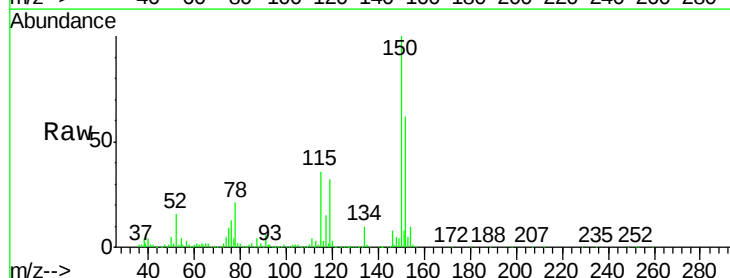
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

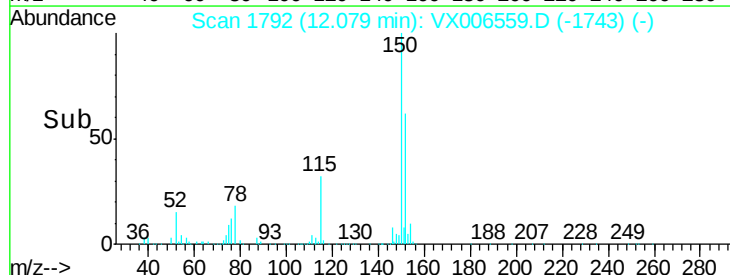
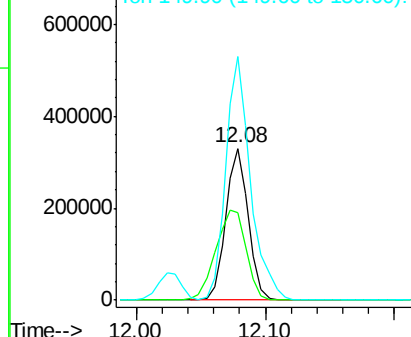
Lab File: VX006559.D

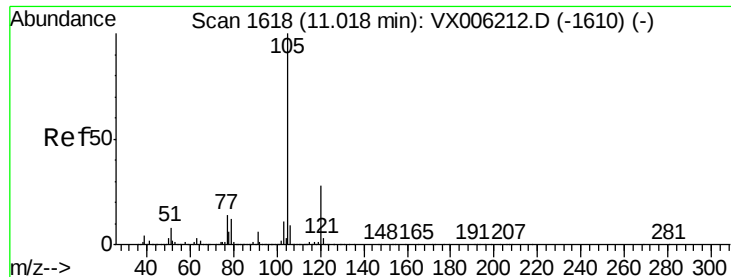
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	404393		
115	80.1	39.0	116.9	
150	176.4	0.0	345.8	



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: 55.349 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1545742

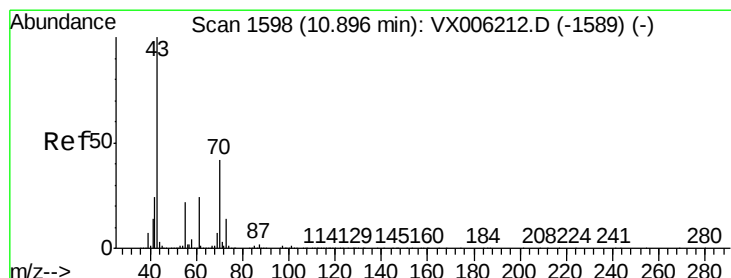
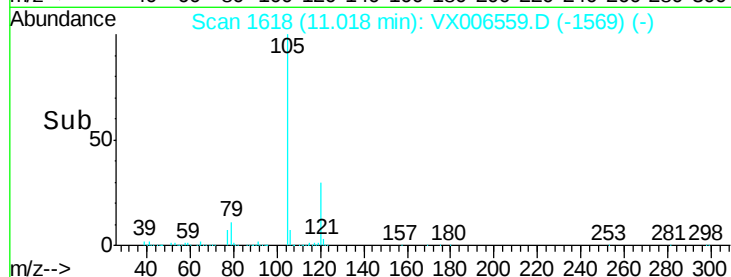
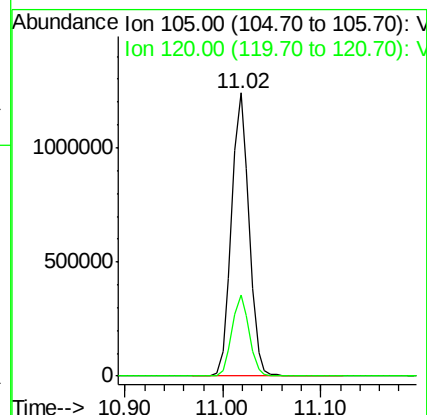
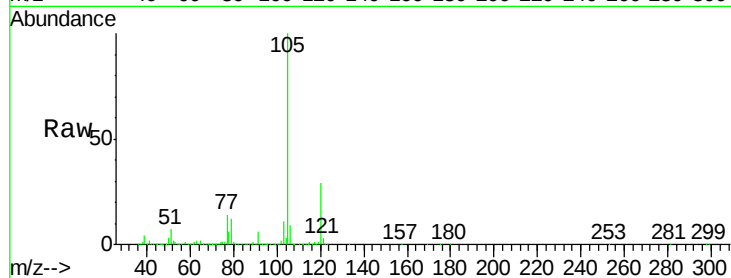
Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.3

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#74

N-ethyl acetate

Concen: 47.873 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion: 43 Resp: 575722

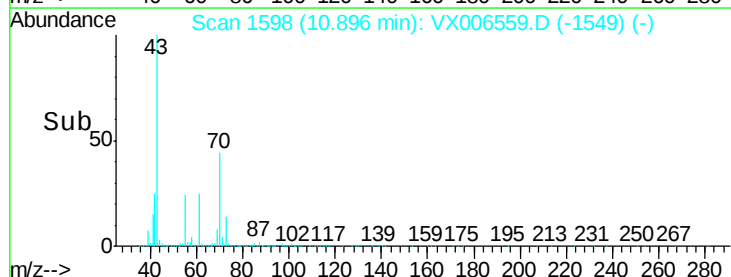
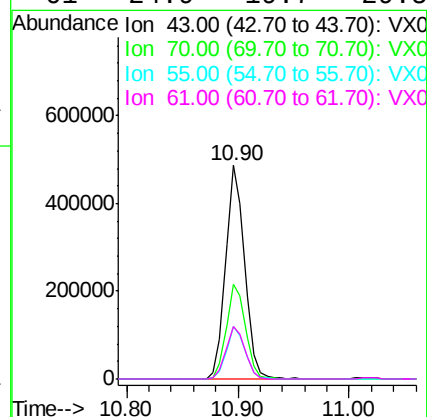
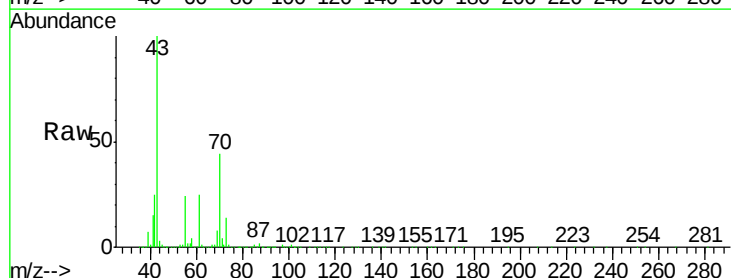
Ion Ratio Lower Upper

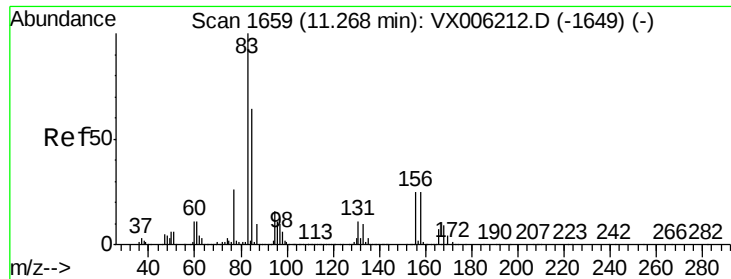
43 100

70 44.9 34.1 51.1

55 24.2 17.8 26.8

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 52.156 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 465979

Ion Ratio Lower Upper

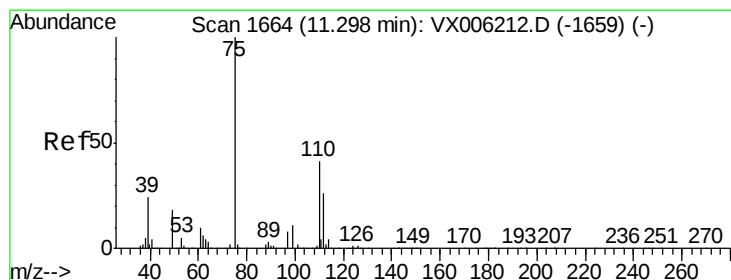
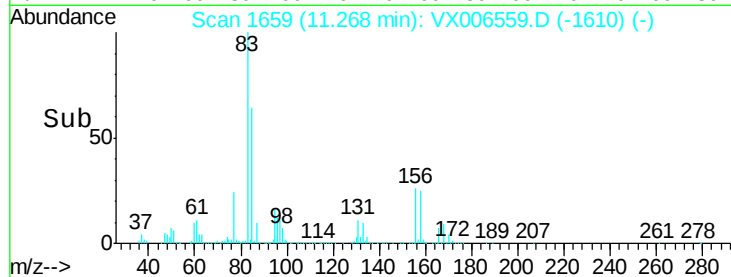
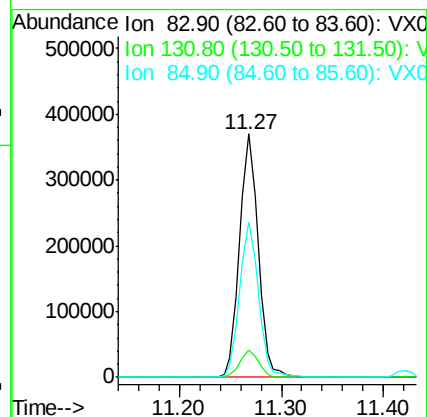
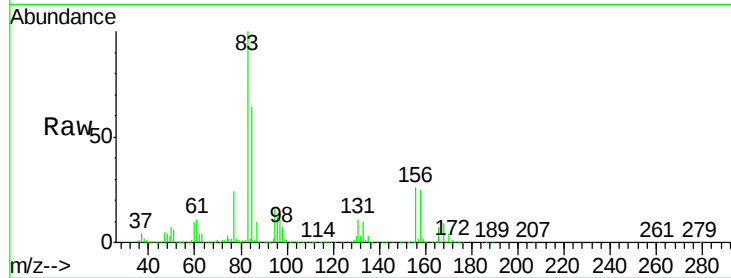
83 100

131 11.3 5.7 17.1

85 64.3 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 54.411 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006559.D

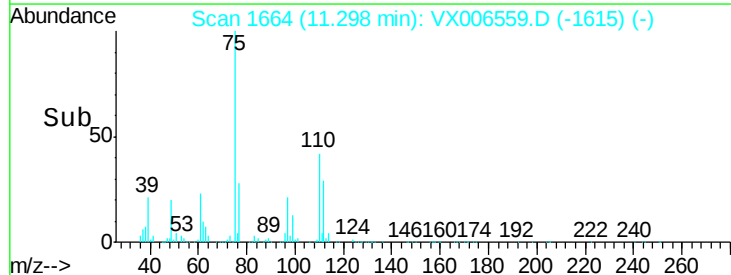
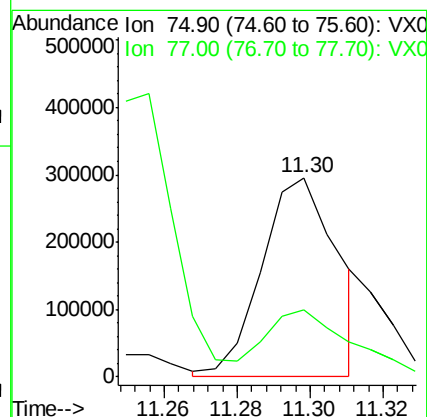
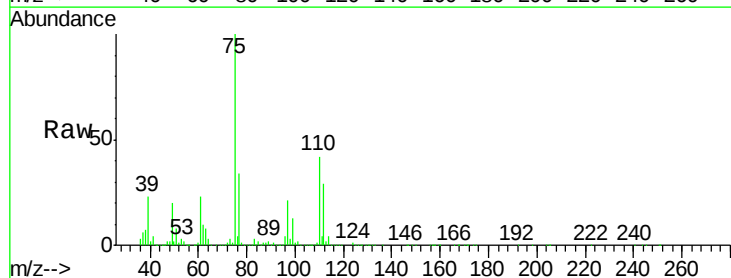
Acq: 15 Dec 2018 11:54

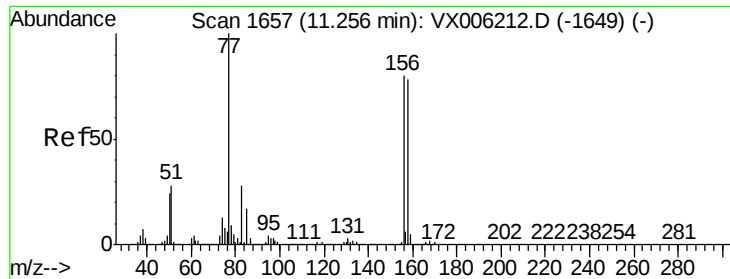
Tgt Ion: 75 Resp: 424701

Ion Ratio Lower Upper

75 100

77 38.0 19.9 59.7





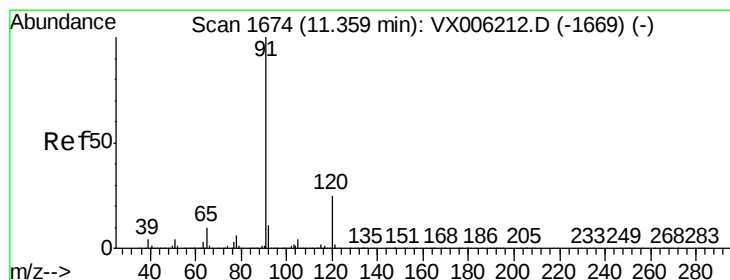
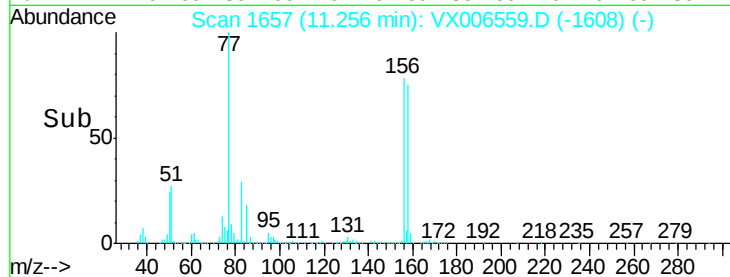
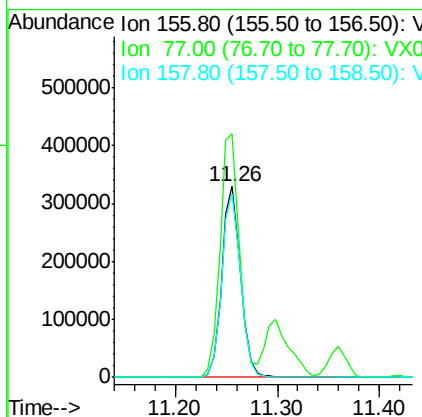
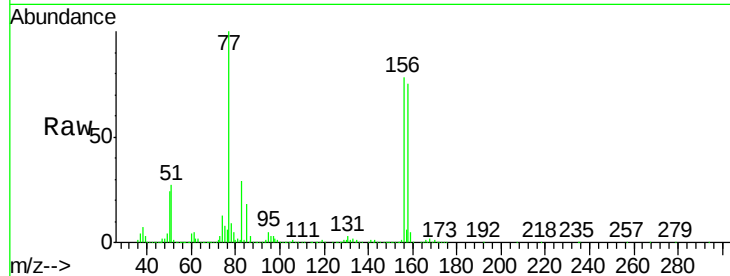
#77
Bromobenzene
Concen: 54.201 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	133.5	66.2	198.6
158	96.8	48.8	146.4

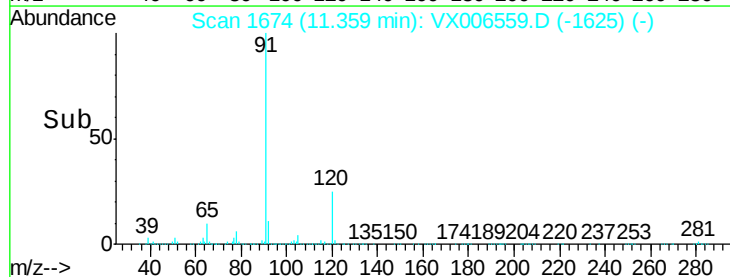
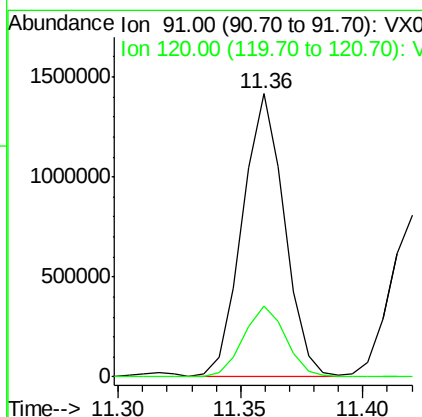
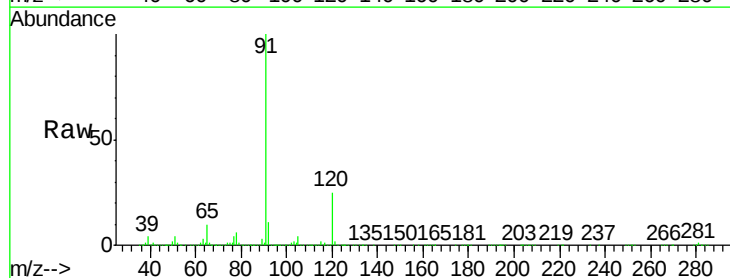
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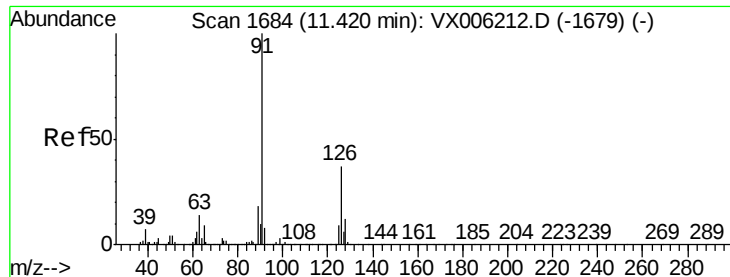
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#78
n-propylbenzene
Concen: 53.853 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 54.226 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1000525

Ion Ratio Lower Upper

91 100

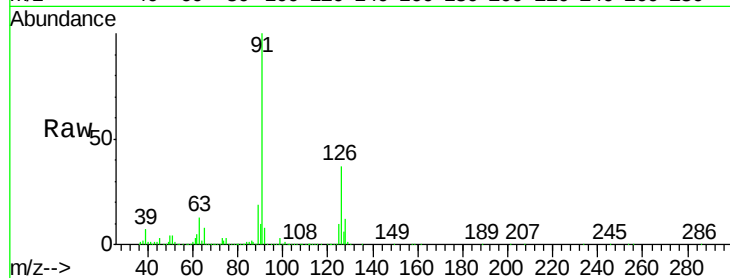
126 37.9 18.6 56.0

Manual Integrations

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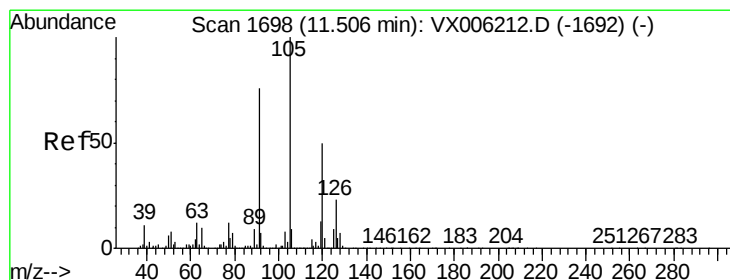
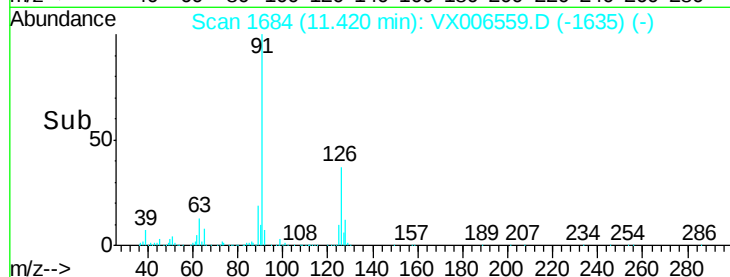
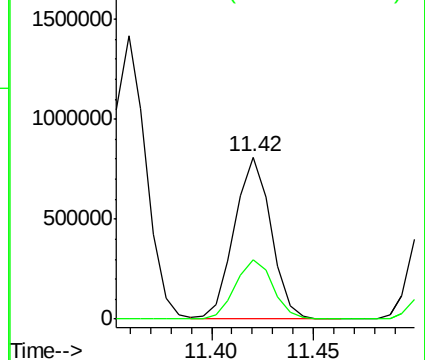
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.396 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006559.D

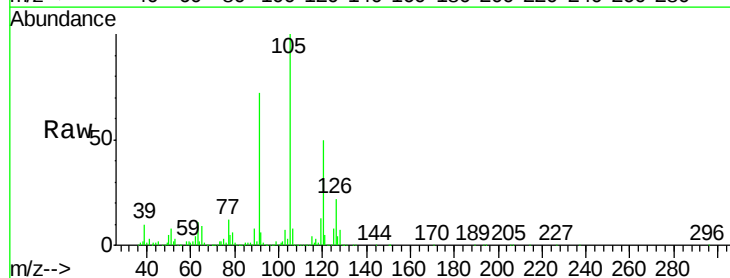
Acq: 15 Dec 2018 11:54

Tgt Ion: 105 Resp: 1263944

Ion Ratio Lower Upper

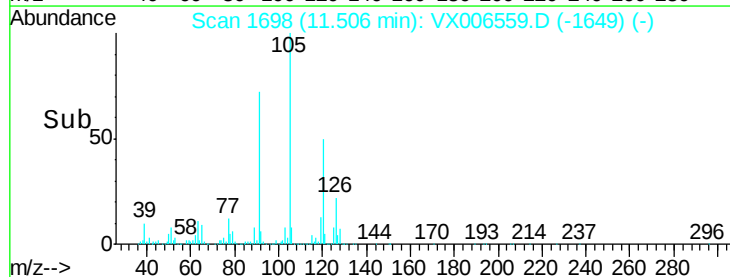
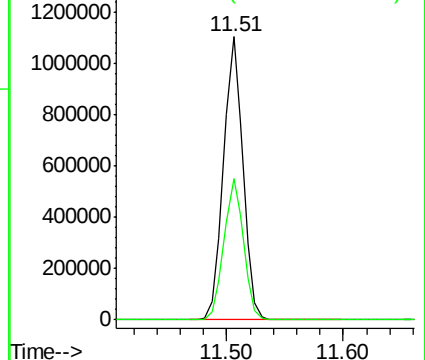
105 100

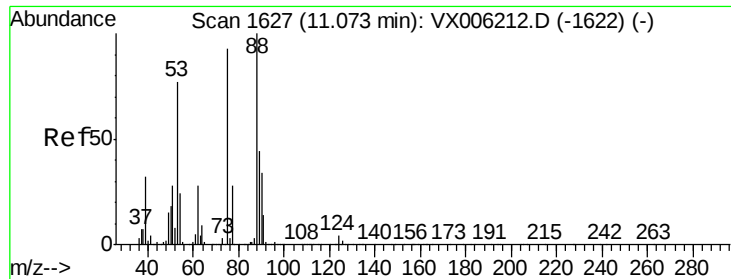
120 50.5 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 33.345 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

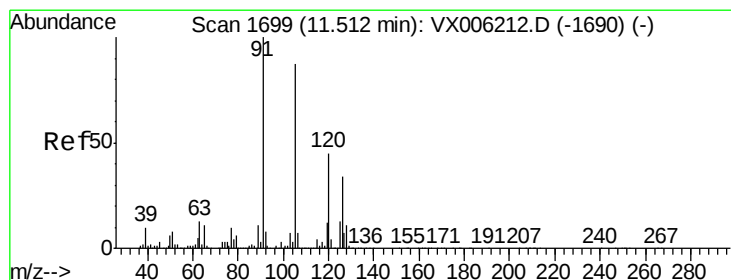
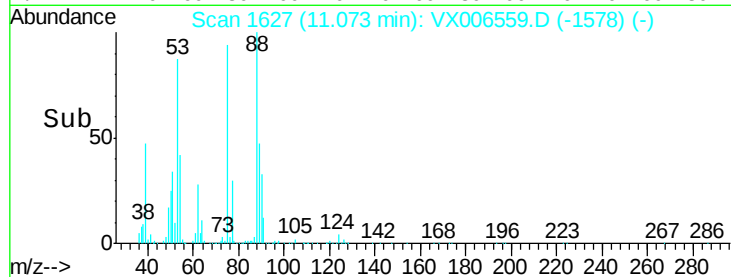
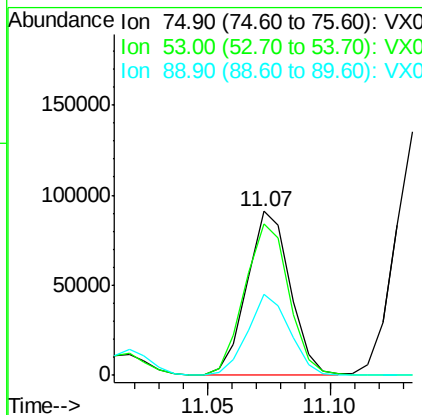
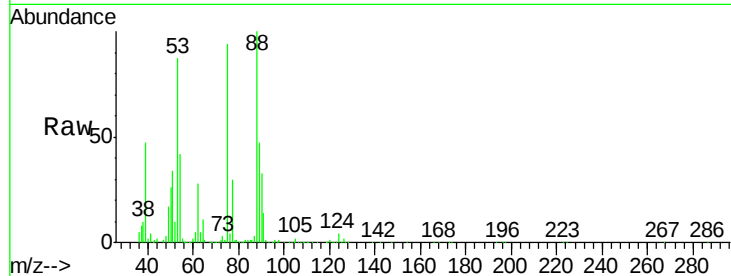
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	110908
Ion Ratio	Lower	Upper	
75	100		
53	95.2	64.4	96.6
89	49.1	44.2	66.4

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#82

4-Chlorotoluene

Concen: 53.529 ug/l

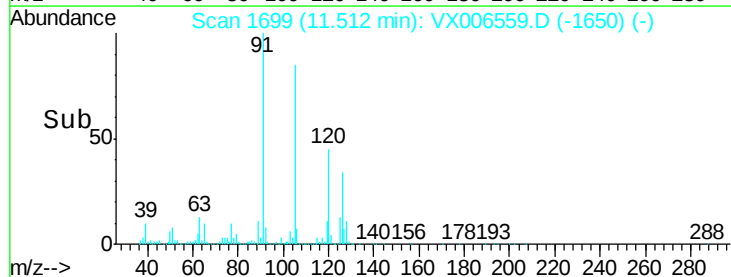
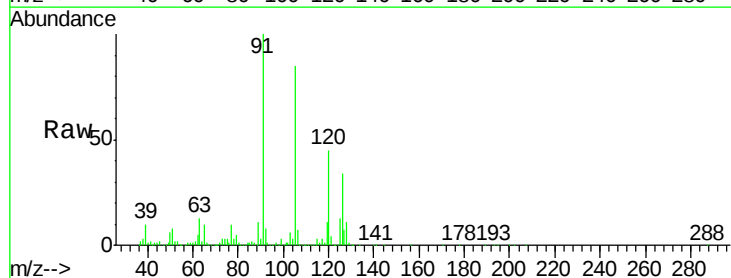
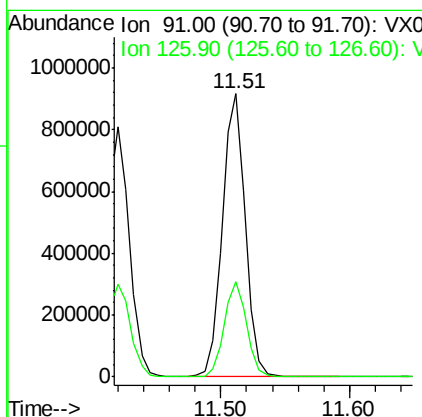
RT: 11.51 min Scan# 1699

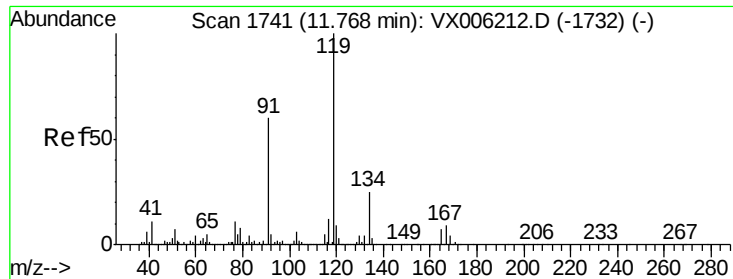
Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion:	91	Resp:	1148309
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.4	49.4





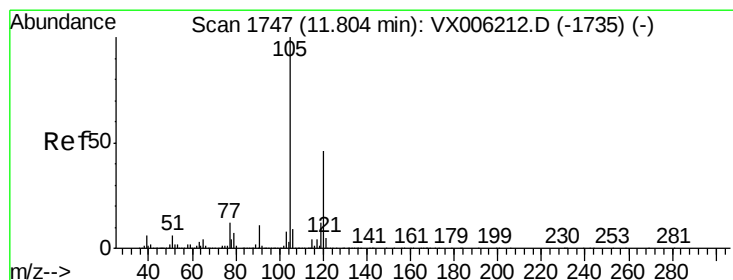
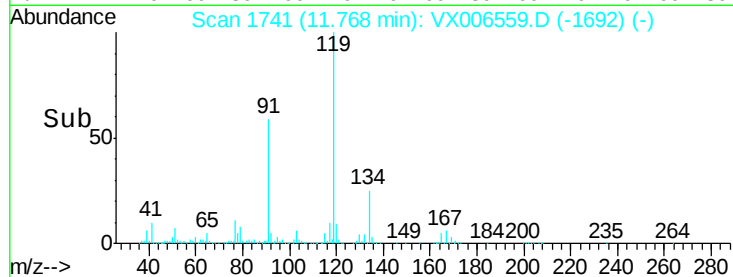
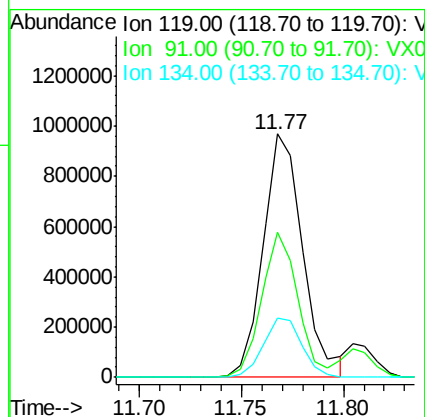
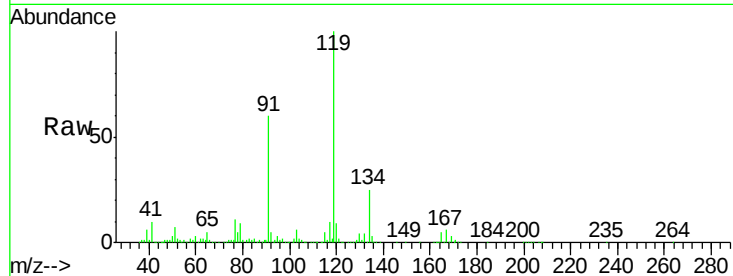
#83
 tert-Butylbenzene
 Concen: 52.868 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 1310694
 Ion Ratio Lower Upper
 119 100
 91 54.4 26.4 79.2
 134 23.7 11.6 34.7

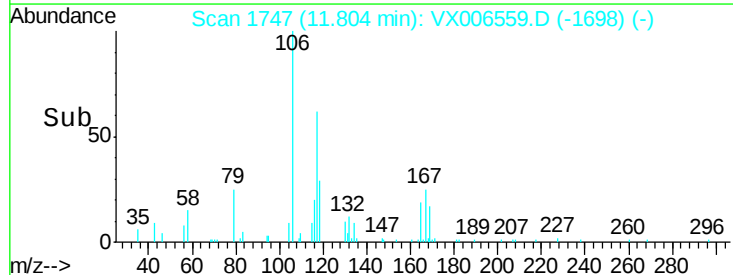
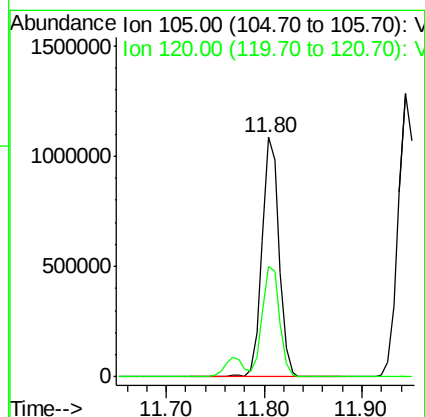
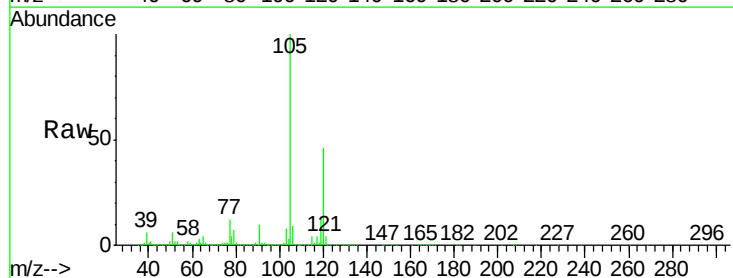
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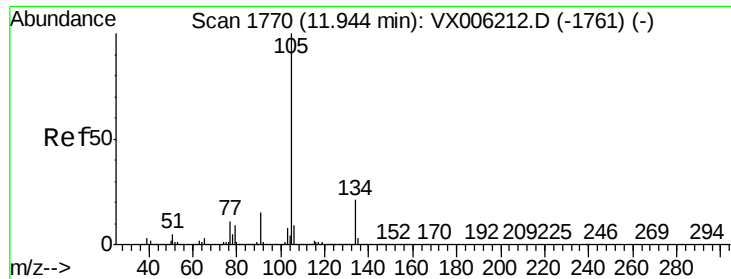
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.435 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Tgt Ion:105 Resp: 1306062
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.0





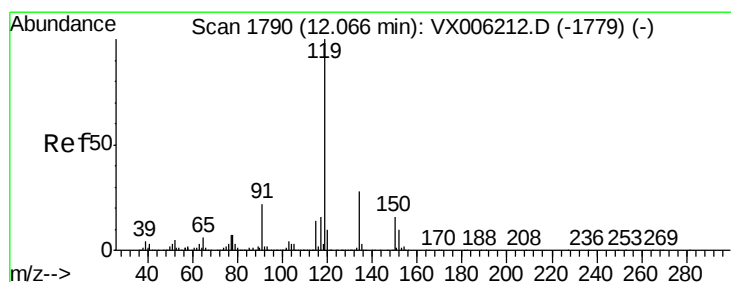
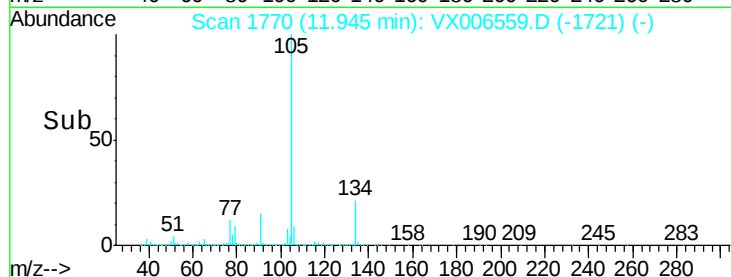
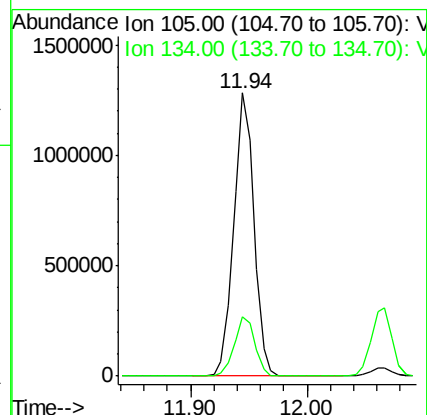
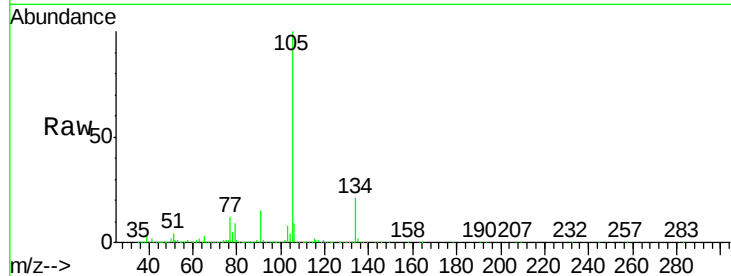
#85
 sec-Butylbenzene
 Concen: 54.714 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1543169
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.8 32.4

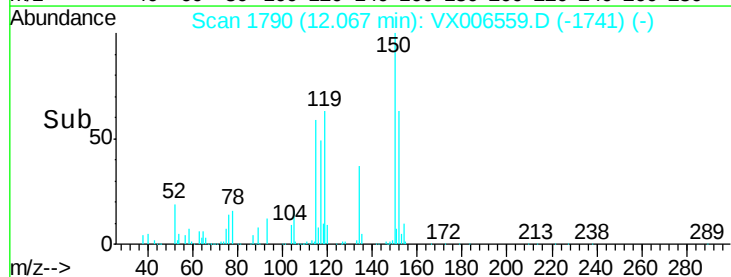
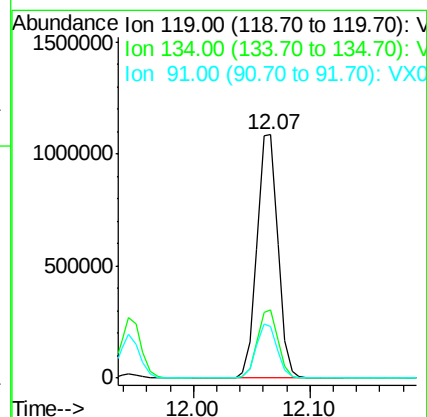
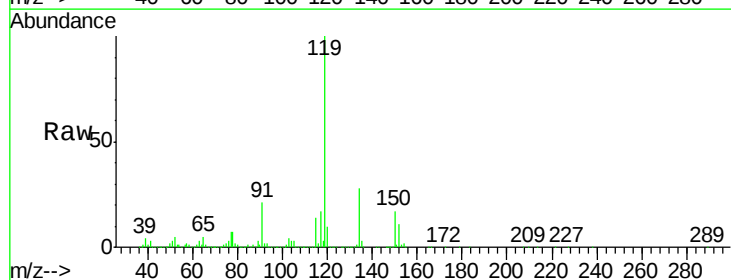
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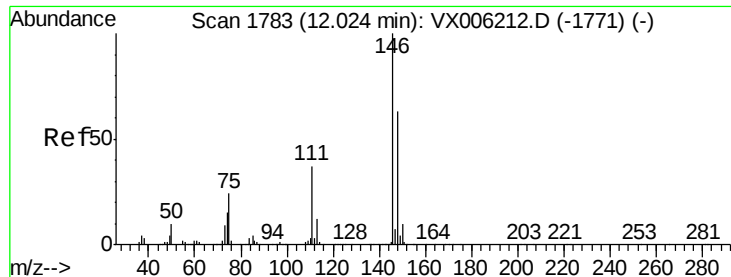
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#86
 p-Isopropyltoluene
 Concen: 53.913 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Tgt Ion:119 Resp: 1369214
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.9 41.6
 91 22.1 11.3 33.8





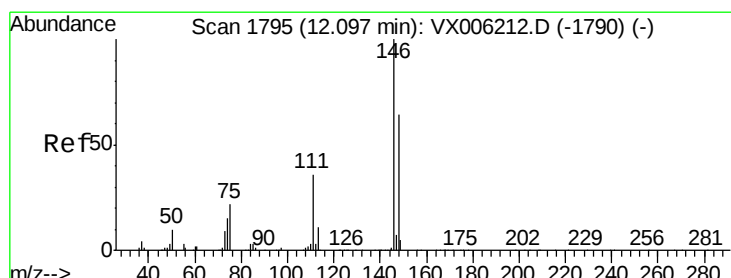
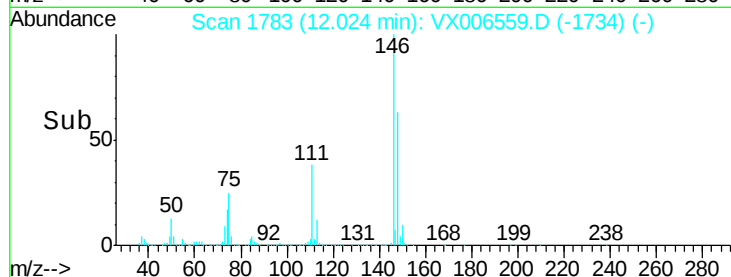
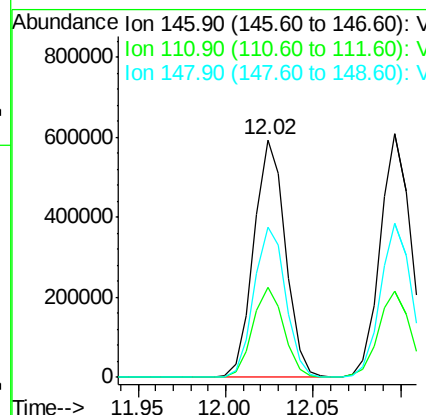
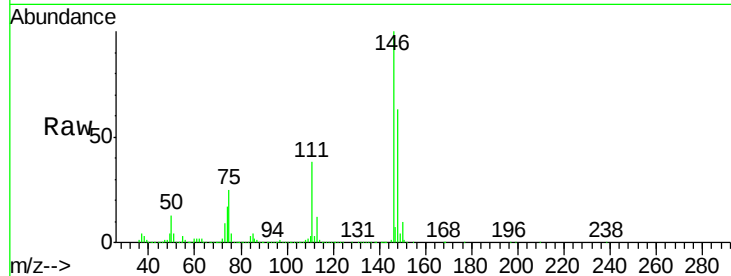
#87
 1,3-Dichlorobenzene
 Concen: 54.055 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.4	55.2
148	63.5	32.0	96.0

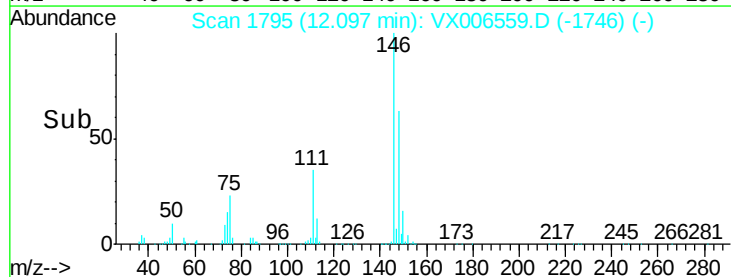
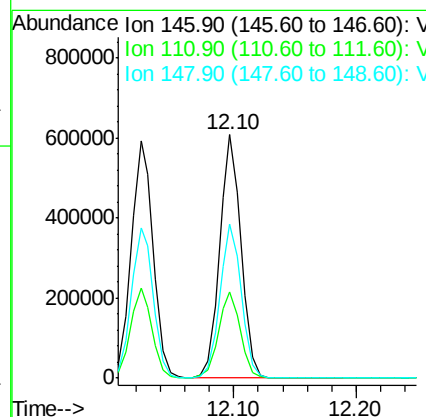
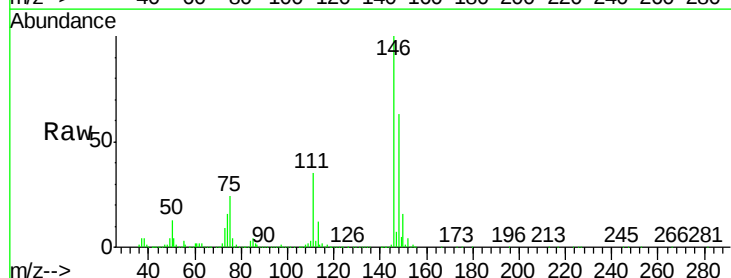
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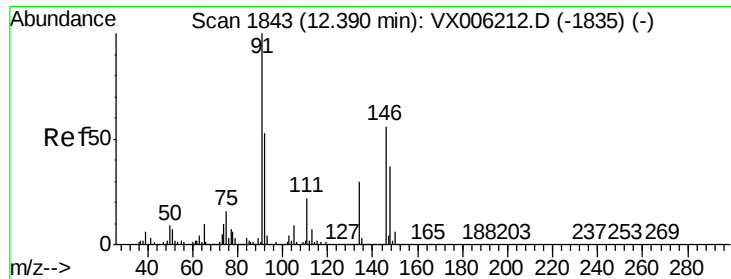
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#88
 1,4-Dichlorobenzene
 Concen: 52.941 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.3	54.8
148	63.9	31.9	95.9





#89

n-Butylbenzene

Concen: 51.825 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Instrument :

MSVOA_X

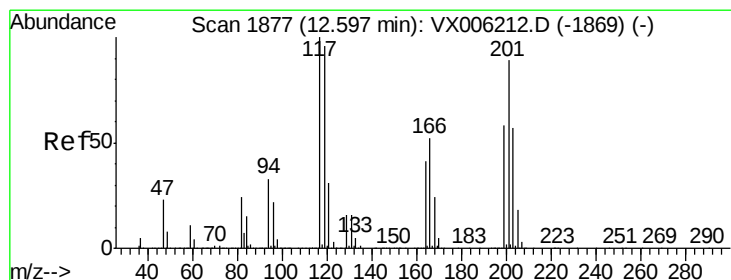
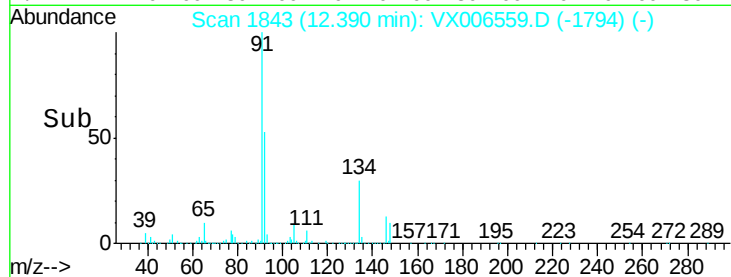
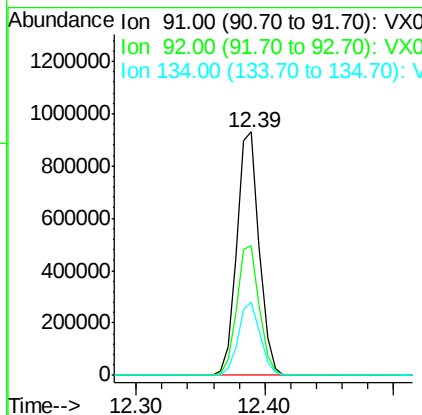
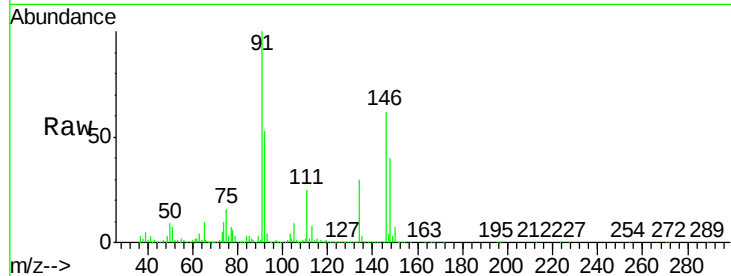
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	91	Resp:	1123044
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.8
134	29.5	14.8	44.3

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#90

Hexachloroethane

Concen: 43.374 ug/l

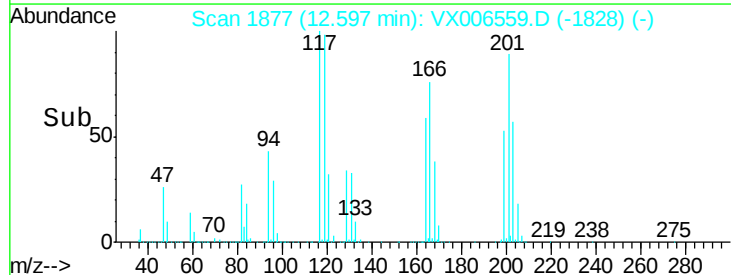
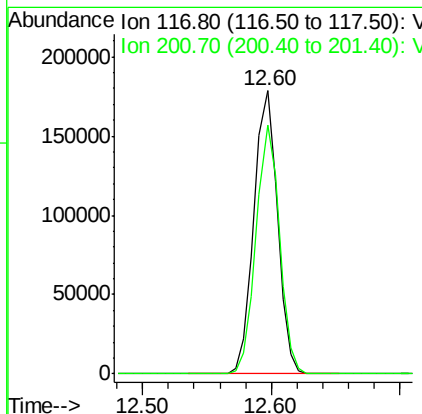
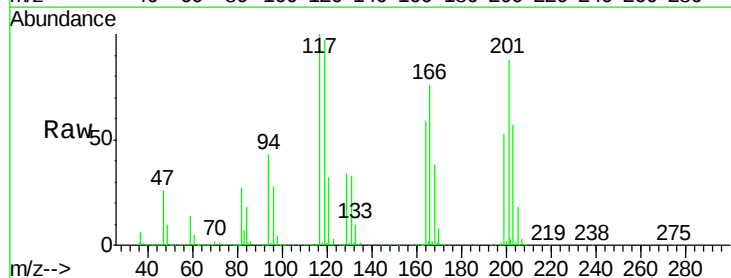
RT: 12.60 min Scan# 1877

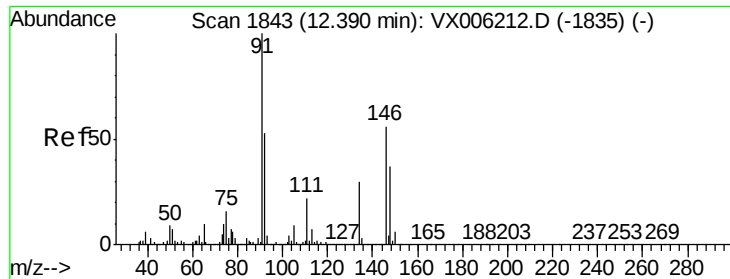
Delta R.T. 0.00 min

Lab File: VX006559.D

Acq: 15 Dec 2018 11:54

Tgt Ion:	117	Resp:	224511
Ion	Ratio	Lower	Upper
117	100		
201	87.3	44.7	134.1





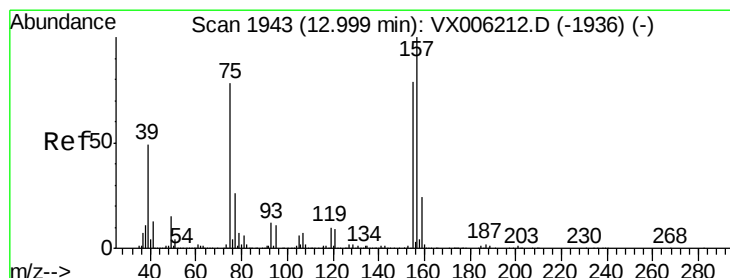
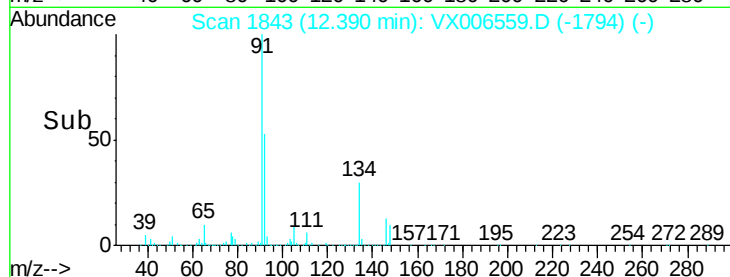
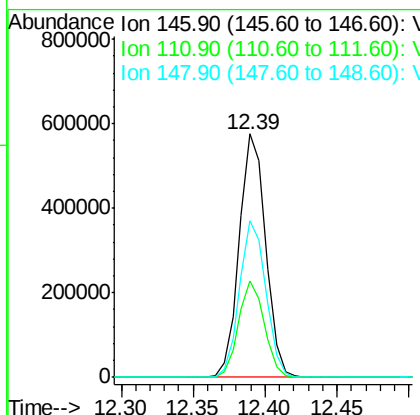
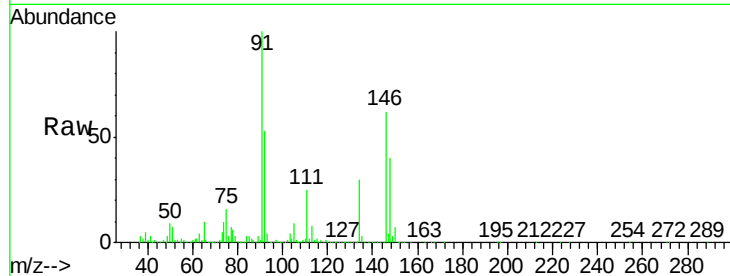
#91
 1,2-Dichlorobenzene
 Concen: 53.587 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.3
148	64.2	32.1	96.3

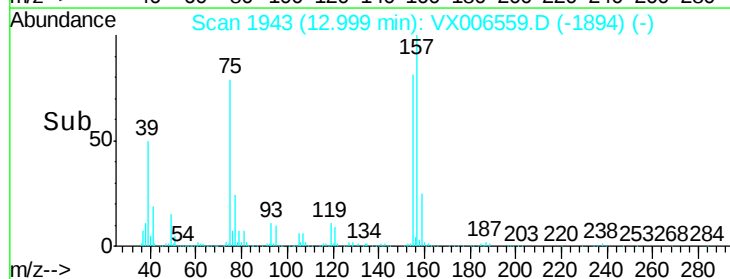
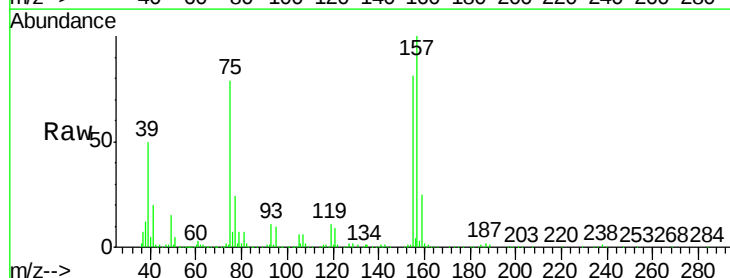
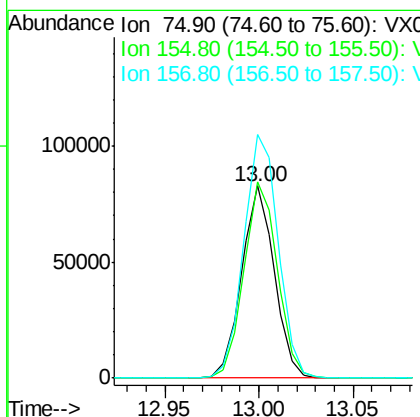
Manual Integrations
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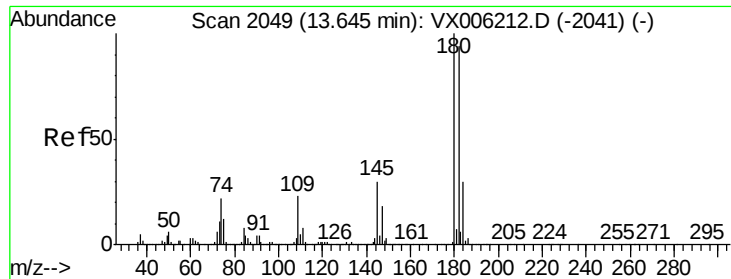
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.625 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006559.D
 Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.4	53.4	160.3
157	132.9	68.0	203.8





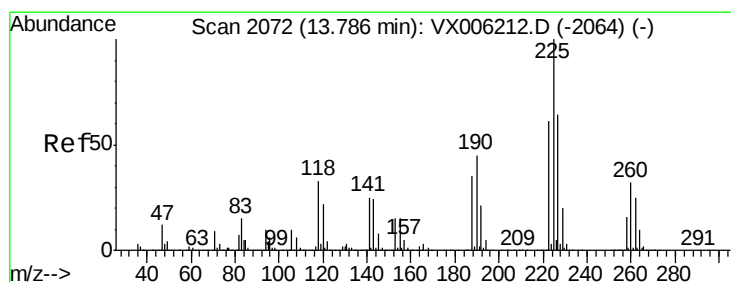
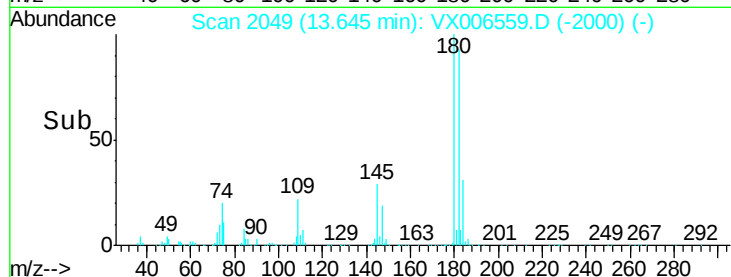
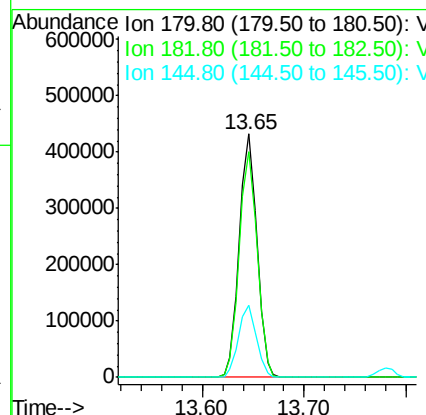
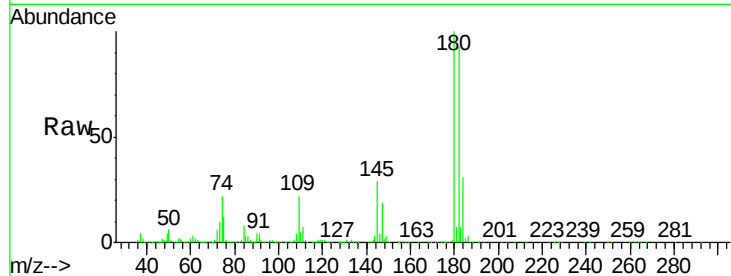
#93
1,2,4-Trichlorobenzene
Concen: 51.531 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	514548		
182	94.1	47.3	141.9	
145	29.9	14.6	43.8	

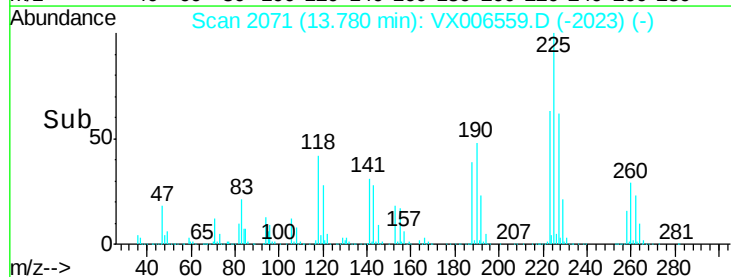
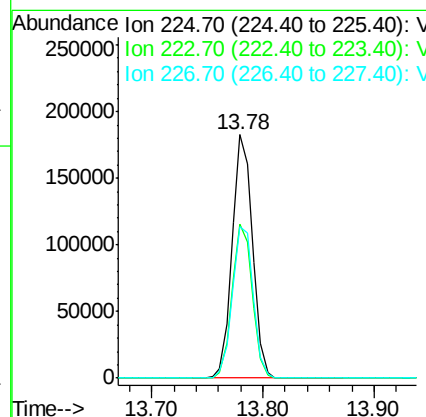
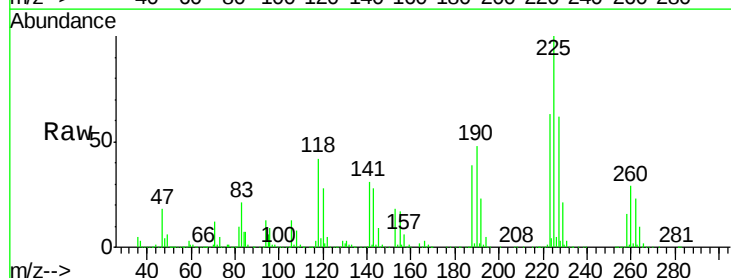
Manual Integrations
APPROVED

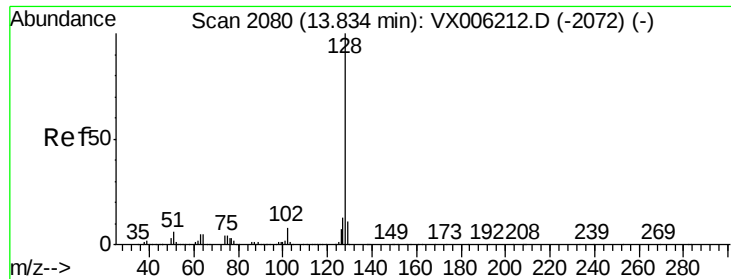
MMDadoda
12/17/2018 12:13:04 PM



#94
Hexachlorobutadiene
Concen: 51.926 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	229297		
223	63.0	31.2	93.6	
227	63.9	31.9	95.5	





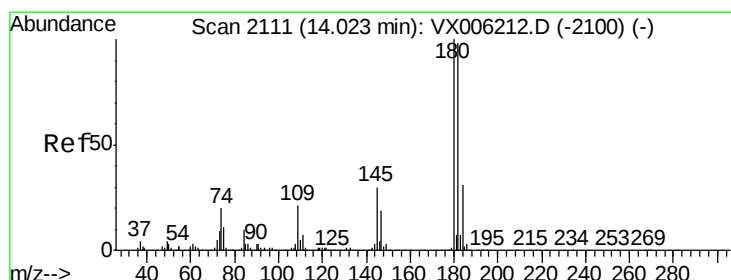
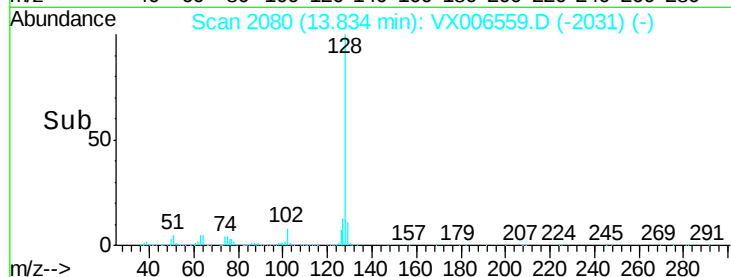
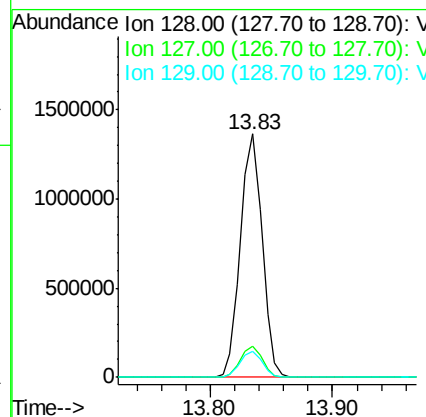
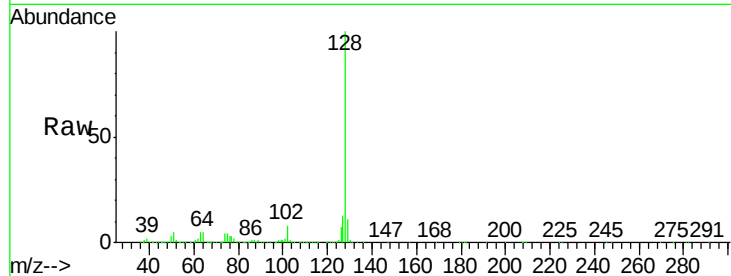
#95
Naphthalene
Concen: 53.917 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
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12/17/2018 12:13:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.611 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006559.D
Acq: 15 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.4	145.2
145	31.7	15.6	46.8

