

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002275.D
 Acq On : 04 Jun 2018 22:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:08 PM

Quant Time: Jun 05 06:42:16 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376818	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	235472	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	186493	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
35) Dibromofluoromethane	5.51	113	142236	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	8.72	98	541767	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.14	95	213251	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	111239	43.505	ug/l	100
3) Chloromethane	1.32	50	163769	56.259	ug/l	98
4) Vinyl Chloride	1.41	62	159585	49.522	ug/l	99
5) Bromomethane	1.64	94	103113	57.010	ug/l	98
6) Chloroethane	1.71	64	106859	51.263	ug/l	100
7) Trichlorofluoromethane	1.93	101	240395	48.961	ug/l	100
8) Diethyl Ether	2.19	74	104834	60.591	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124363	46.937	ug/l	100
10) Methyl Iodide	2.51	142	200076	53.686	ug/l	99
11) Tert butyl alcohol	3.08	59	206225	289.181	ug/l	98
12) 1,1-Dichloroethene	2.37	96	130209	49.727	ug/l	98
13) Acrolein	2.30	56	101826	293.251	ug/l	100
14) Allyl chloride	2.73	41	282908	49.785	ug/l	99
15) Acrylonitrile	3.15	53	448194	301.390	ug/l	100
16) Acetone	2.45	43	416395	277.359	ug/l	100
17) Carbon Disulfide	2.57	76	317167	45.957	ug/l	99
18) Methyl Acetate	2.78	43	213534	61.203	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	544507	60.203	ug/l	99
20) Methylene Chloride	2.86	84	163820	59.425	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	146895	50.872	ug/l	99
22) Diisopropyl ether	3.88	45	528575	55.852	ug/l	99
23) Vinyl Acetate	3.83	43	2308778	250.627	ug/l	100
24) 1,1-Dichloroethane	3.70	63	262436	46.727	ug/l	99
25) 2-Butanone	4.71	43	604213	250.534	ug/l	99
26) 2,2-Dichloropropane	4.59	77	186793	42.547	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	156345	49.786	ug/l	97
28) Bromochloromethane	5.03	49	139657	59.116	ug/l	100
29) Tetrahydrofuran	5.17	42	398747	256.443	ug/l	99
30) Chloroform	5.22	83	277959	51.288	ug/l	97
31) Cyclohexane	5.57	56	203576	45.839	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	232978	50.689	ug/l	99
36) 1,1-Dichloropropene	5.81	75	187229	47.263	ug/l	99
37) Ethyl Acetate	4.87	43	241681	50.730	ug/l	98
38) Carbon Tetrachloride	5.79	117	194981	47.048	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196117	40.124	ug/l	100
40) Benzene	6.15	78	606545	49.936	ug/l	100
41) Methacrylonitrile	5.07	41	136288	49.974	ug/l	99
42) 1,2-Dichloroethane	6.20	62	243791	50.518	ug/l	100
43) Isopropyl Acetate	6.47	43	402717	49.768	ug/l	100
44) Trichloroethene	7.22	130	170563	50.596	ug/l	100
45) 1,2-Dichloropropane	7.52	63	162324	49.502	ug/l	100
46) Dibromomethane	7.67	93	110128	49.542	ug/l	99
47) Bromodichloromethane	7.90	83	205606	51.141	ug/l	99
48) Methyl methacrylate	7.78	41	206737	50.863	ug/l	100
49) 1,4-Dioxane	7.76	88	79000	1039.497	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1305395	259.051	ug/l	100
52) Toluene	8.79	92	394240	51.032	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	245574	50.936	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	231543	50.904	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	165146	51.976	ug/l	98
56) Ethyl methacrylate	9.19	69	260596	51.372	ug/l	100
57) 1,3-Dichloropropane	9.38	76	273039	51.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	612829	261.017	ug/l	100
59) 2-Hexanone	9.50	43	1006306	258.540	ug/l	100
60) Dibromochloromethane	9.59	129	169815	53.135	ug/l	99
61) 1,2-Dibromoethane	9.68	107	174430	52.651	ug/l	100
64) Tetrachloroethene	9.34	164	188207	49.147	ug/l	98
65) Chlorobenzene	10.14	112	457571	49.524	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	168807	50.458	ug/l	100
67) Ethyl Benzene	10.26	91	774445	50.086	ug/l	100
68) m/p-Xylenes	10.37	106	603972	100.485	ug/l	100
69) o-Xylene	10.70	106	301395	50.388	ug/l	99
70) Styrene	10.72	104	506078	51.755	ug/l	99
71) Bromoform	10.86	173	132706	44.687	ug/l	100
73) Isopropylbenzene	11.02	105	780552	47.651	ug/l	100
74) N-amyl acetate	6.47	43	402717	45.627	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	243968	47.355	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	248547m	48.104	ug/l	
77) Bromobenzene	11.26	156	224802	48.884	ug/l	99
78) n-propylbenzene	11.37	91	886805	48.708	ug/l	100
79) 2-Chlorotoluene	11.43	91	548797	47.737	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	685584	48.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	67105	45.526	ug/l	96
82) 4-Chlorotoluene	11.51	91	650389	49.014	ug/l	100
83) tert-Butylbenzene	11.77	119	650585	47.552	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	714209	49.382	ug/l	100
85) sec-Butylbenzene	11.95	105	782536	48.788	ug/l	100
86) p-Isopropyltoluene	12.07	119	720318	49.304	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	404279	49.167	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	411925	48.603	ug/l	99
89) n-Butylbenzene	12.39	91	600876	49.039	ug/l	100
90) Hexachloroethane	12.60	117	109913	47.129	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	415311	48.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57666	51.185	ug/l	98

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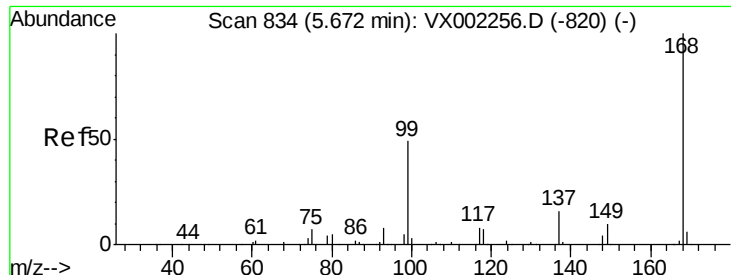
Manual Integrations
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6/5/2018 5:56:08 PM

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Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294058	49.295	ug/l	100
94) Hexachlorobutadiene	13.79	225	140502	47.664	ug/l	98
95) Naphthalene	13.84	128	870424	50.785	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	304207	50.003	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 245967

Ion Ratio Lower Upper

168 100

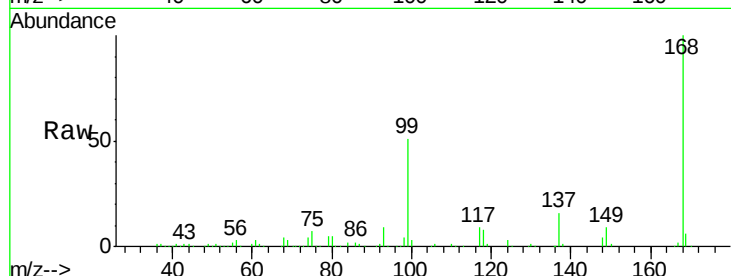
99 51.0 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

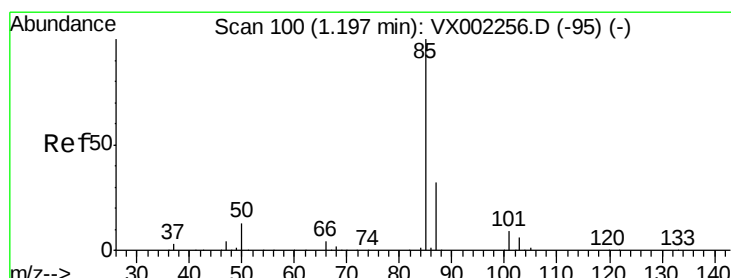
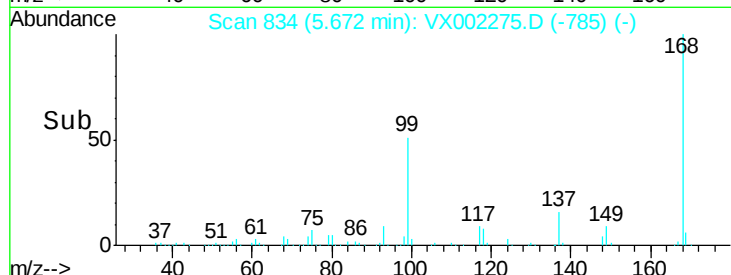
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.505 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002275.D

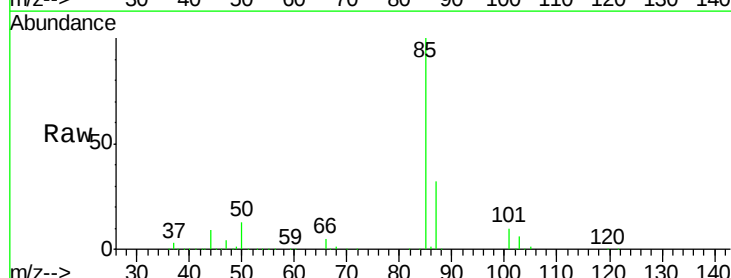
Acq: 04 Jun 2018 22:20

Tgt Ion: 85 Resp: 111239

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

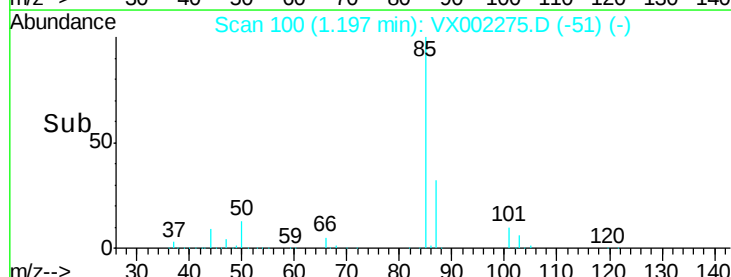
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 56.259 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 163769

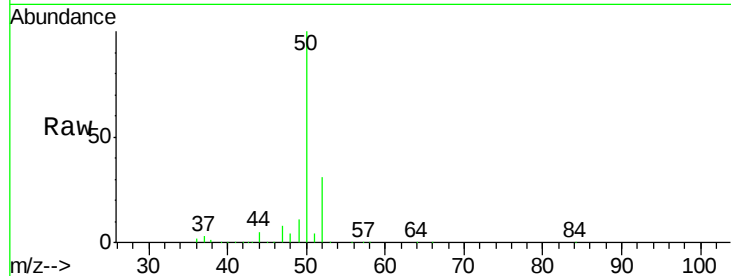
Ion Ratio Lower Upper

50 100

52 30.8 25.7 38.5

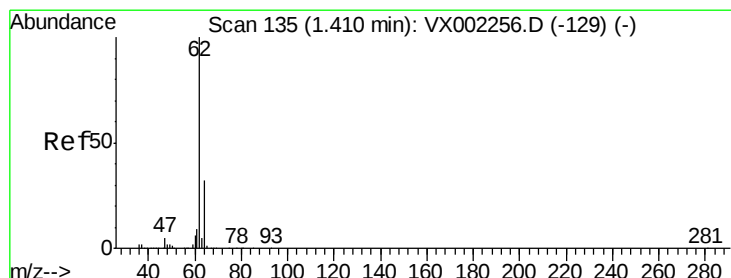
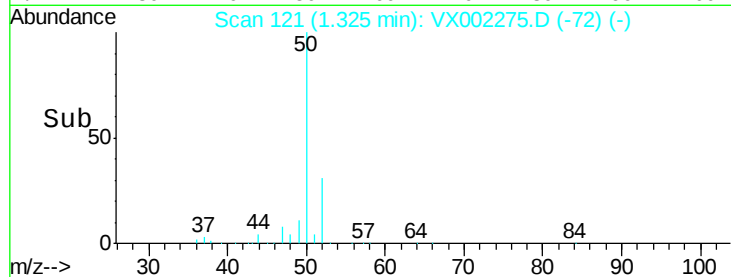
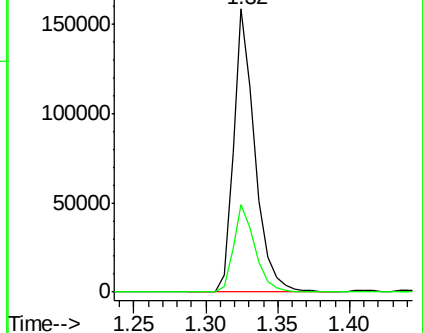
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.522 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002275.D

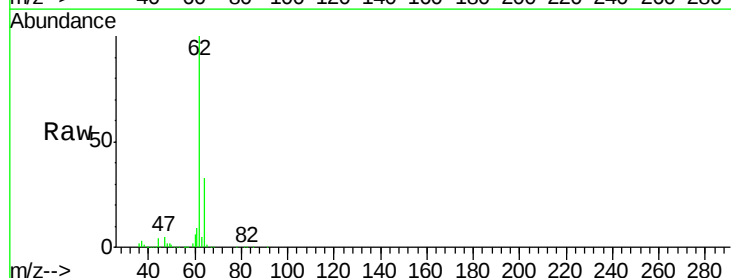
Acq: 04 Jun 2018 22:20

Tgt Ion: 62 Resp: 159585

Ion Ratio Lower Upper

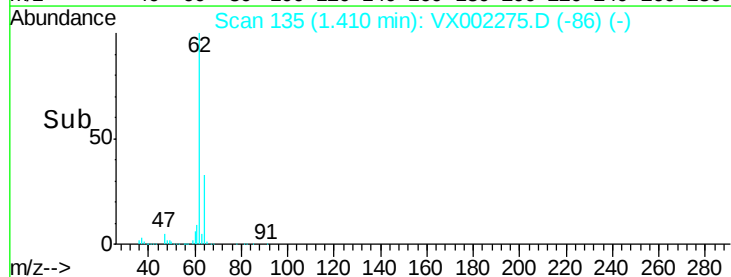
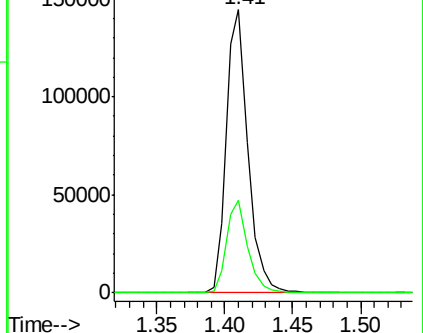
62 100

64 32.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.010 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 103113

Ion Ratio Lower Upper

94 100

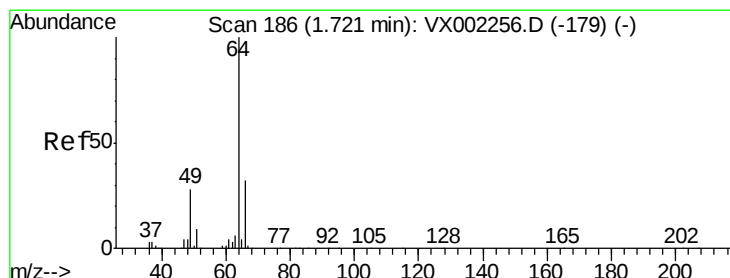
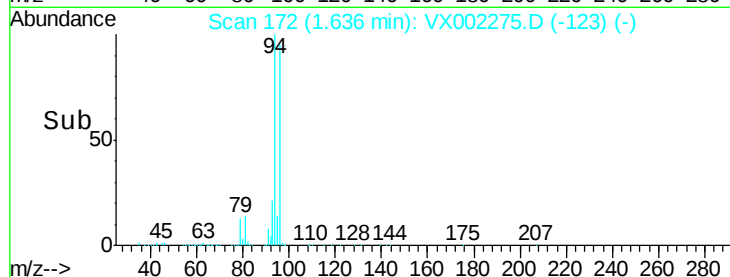
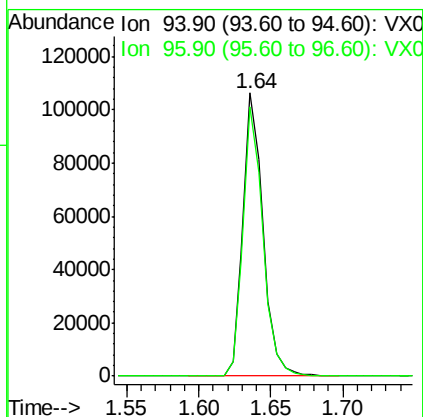
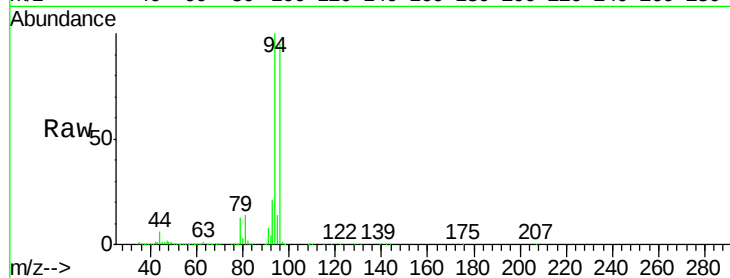
96 95.4 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 51.263 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002275.D

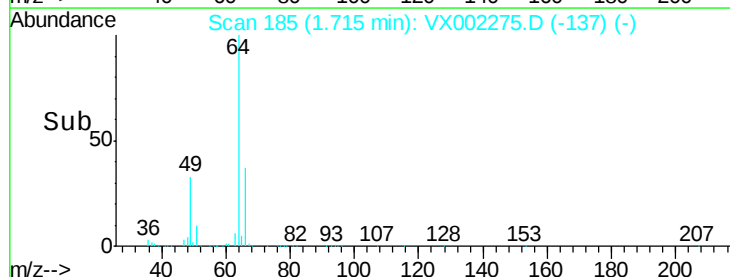
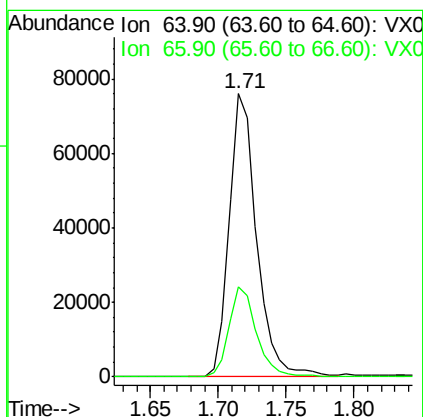
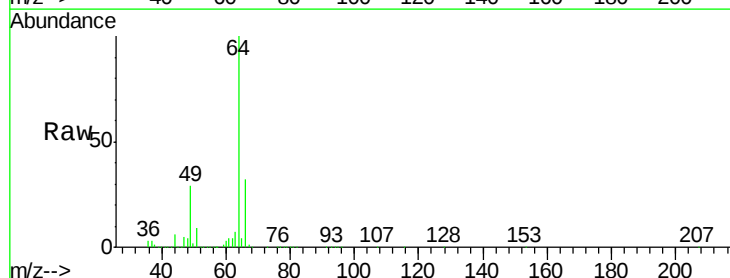
Acq: 04 Jun 2018 22:20

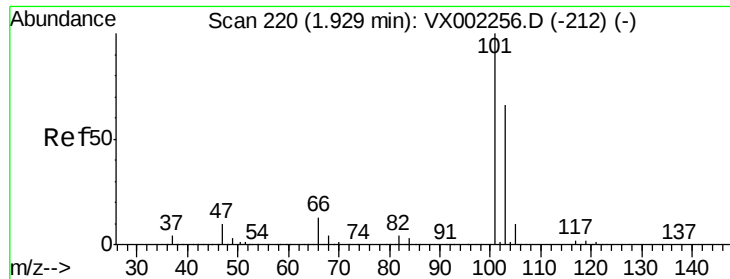
Tgt Ion: 64 Resp: 106859

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

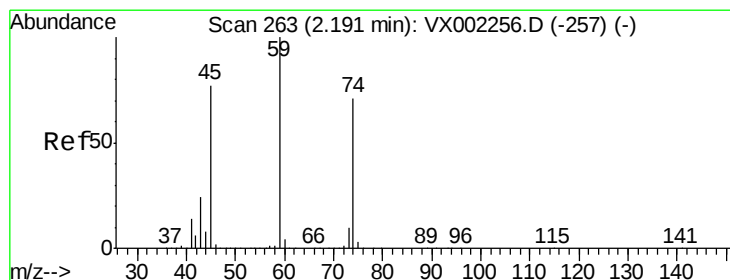
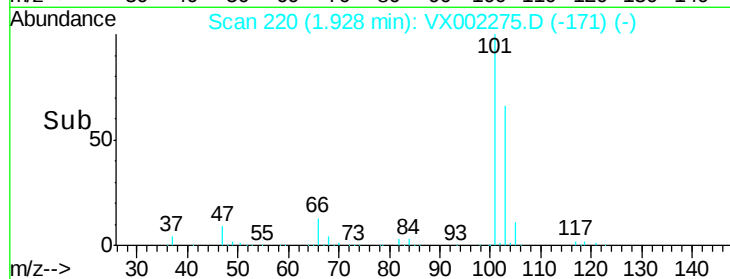
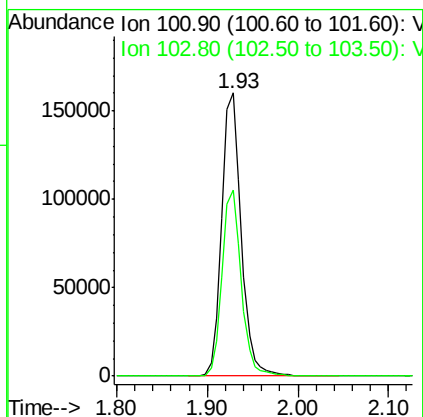
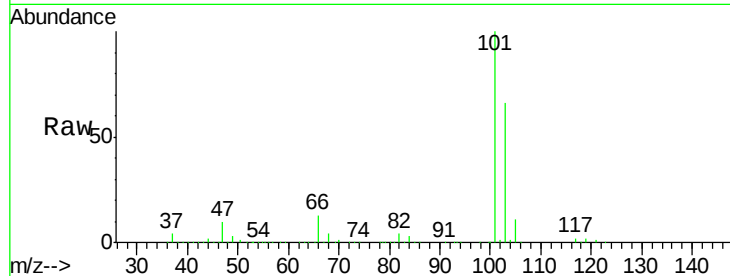
Trichlorofluoromethane
Concen: 48.961 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002275.D
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.8	79.2

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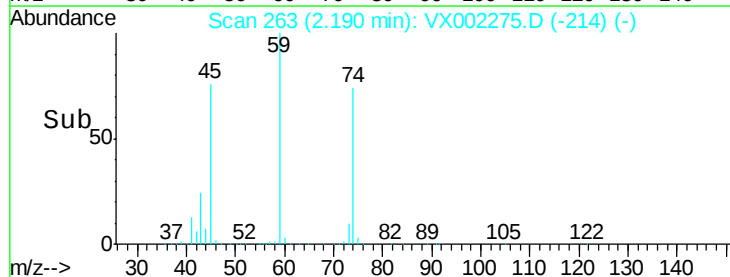
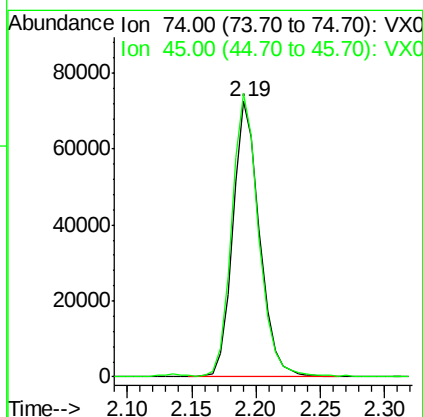
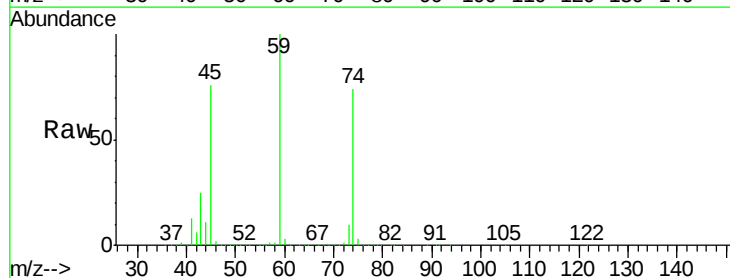
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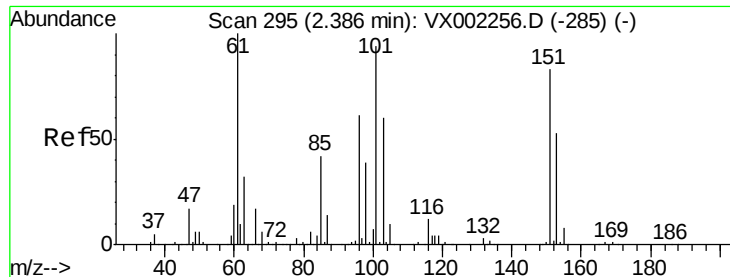


#8

Diethyl Ether
Concen: 60.591 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.937 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

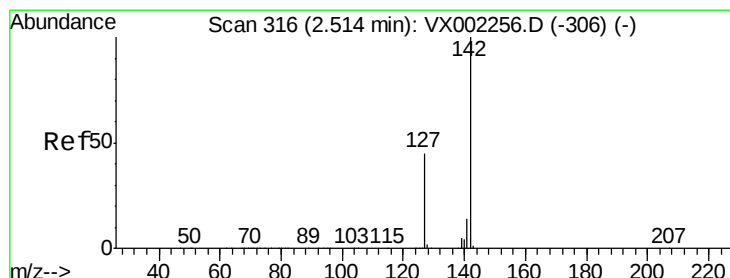
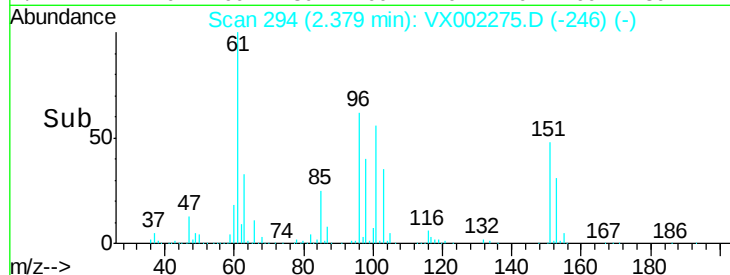
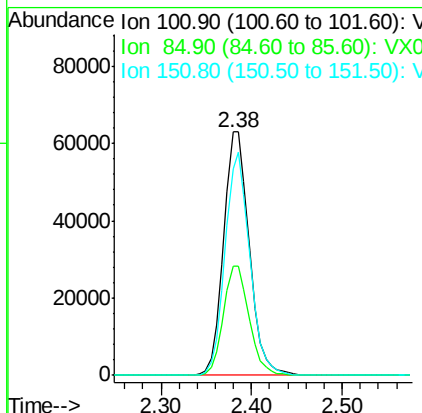
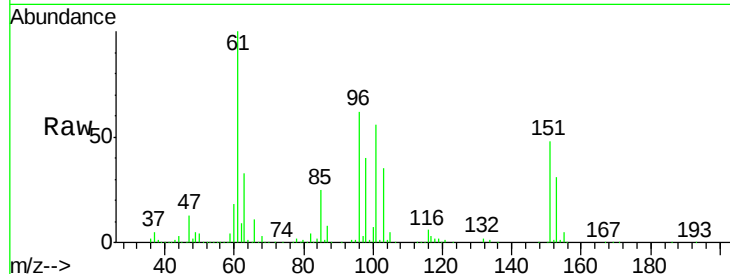
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	124363
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.0	54.0
151	88.3	70.9	106.3

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#10

Methyl Iodide

Concen: 53.686 ug/l

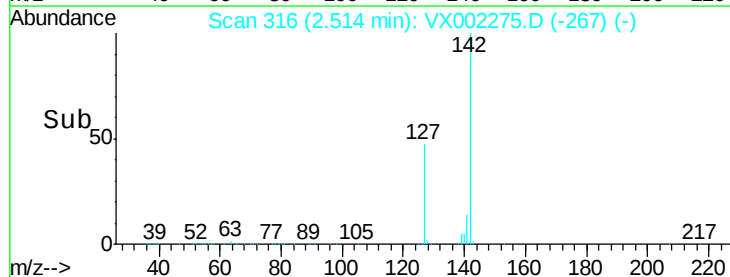
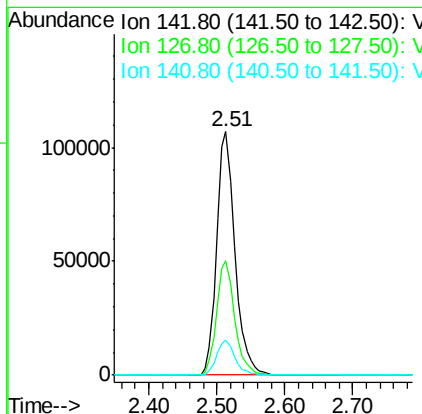
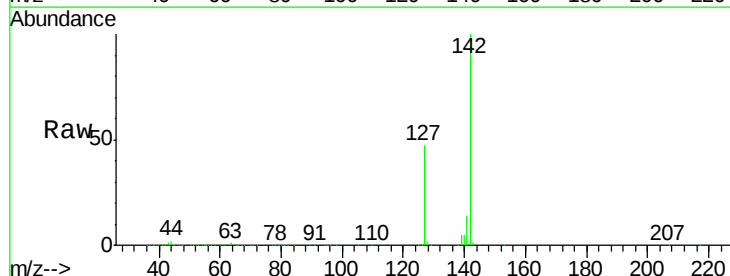
RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	142	Resp:	200076
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.6	55.0
141	14.4	11.3	16.9





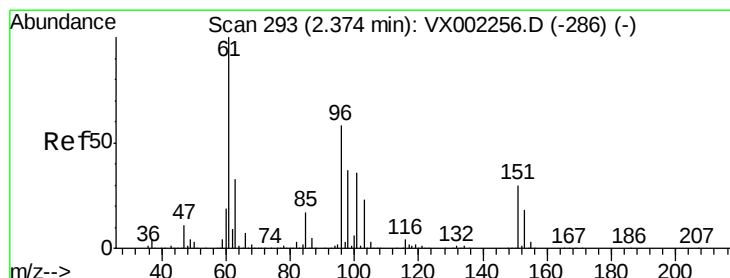
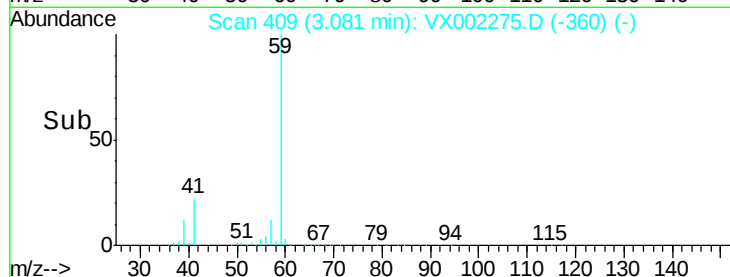
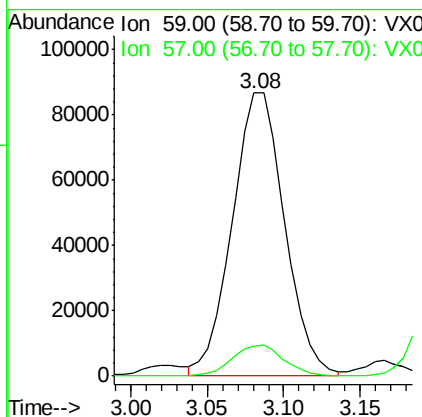
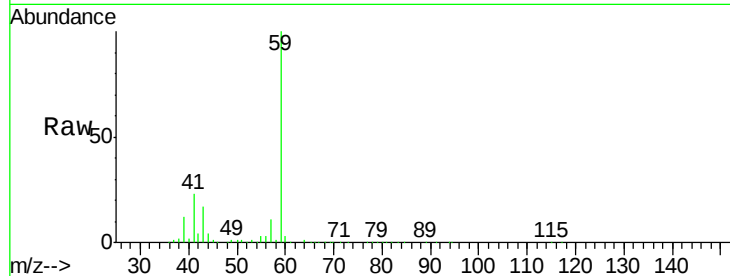
#11
Tert butyl alcohol
Concen: 289.181 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

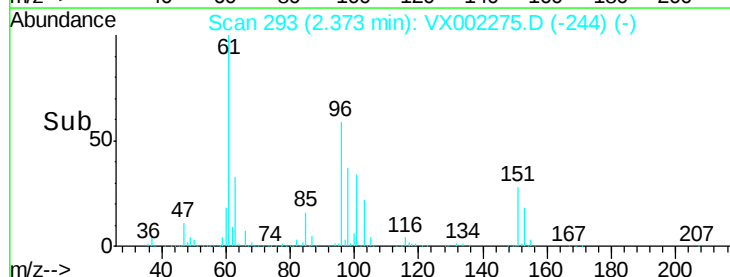
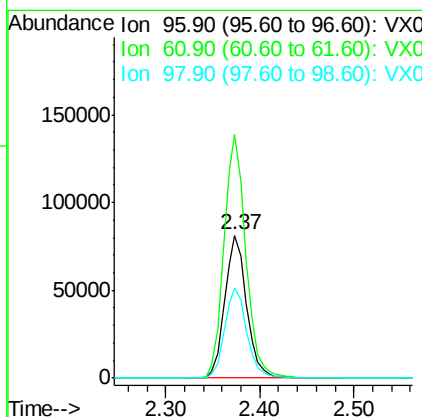
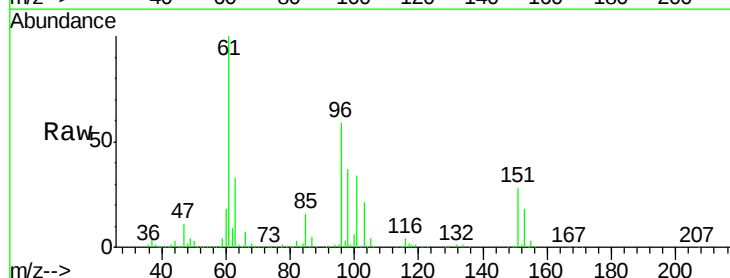
Manual Integrations
APPROVED

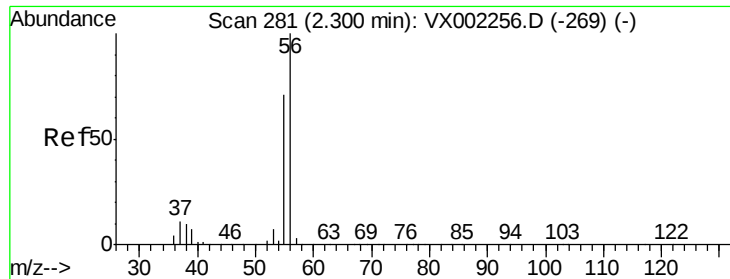
MMDadoda
6/5/2018 5:56:08 PM



#12
1,1-Dichloroethene
Concen: 49.727 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.2	137.9	206.9
98	62.9	51.6	77.4





#13

Acrolein

Concen: 293.251 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 101826

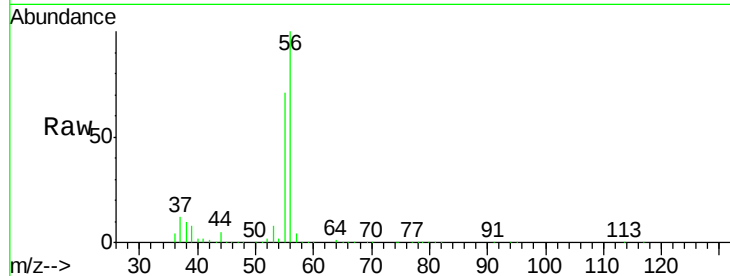
Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.4

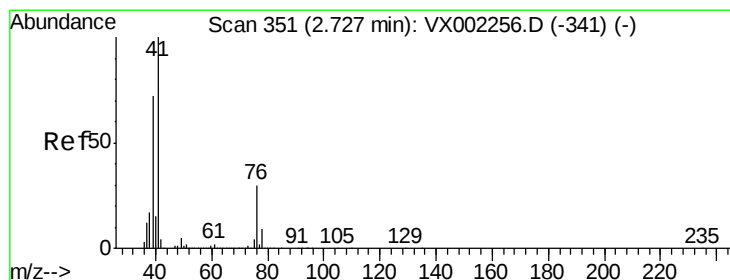
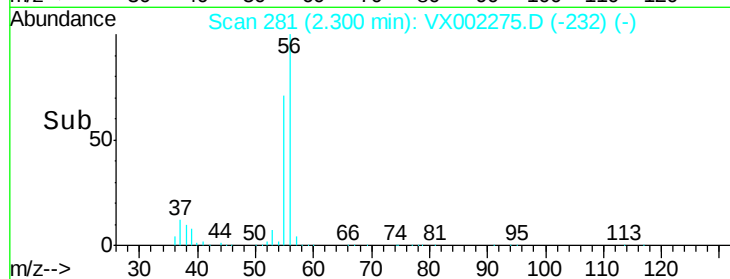
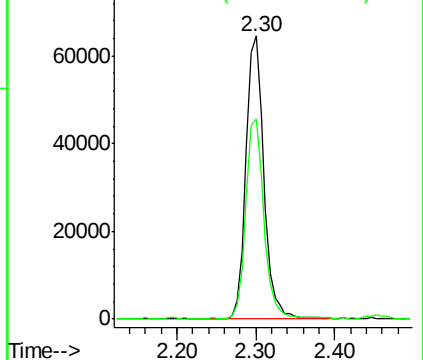
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.785 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

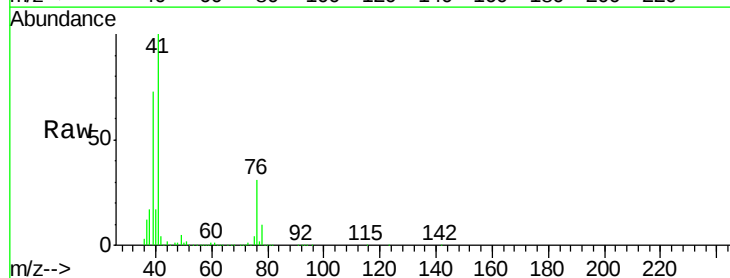
Tgt Ion: 41 Resp: 282908

Ion Ratio Lower Upper

41 100

39 71.5 56.8 85.2

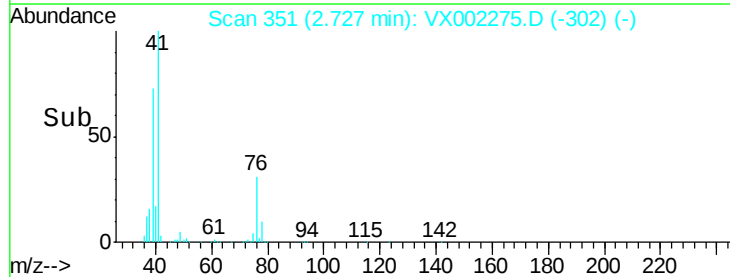
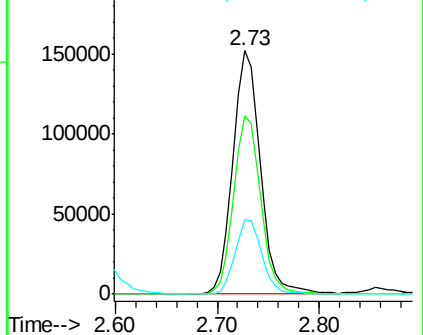
76 29.6 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 301.390 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

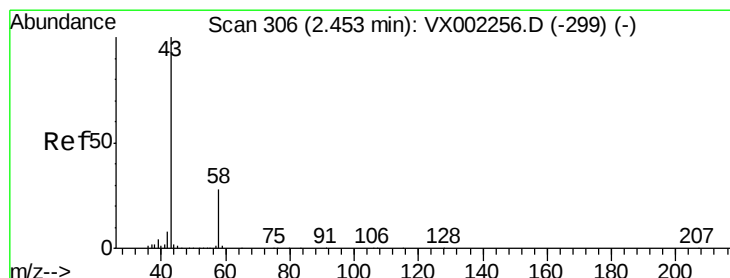
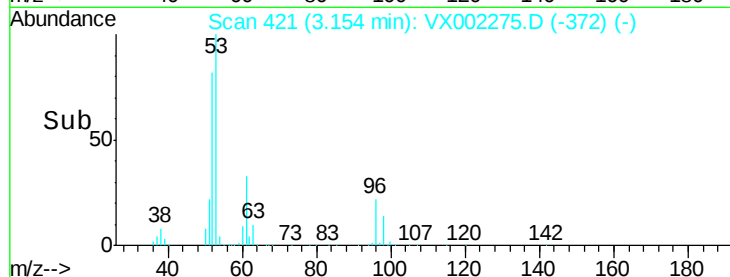
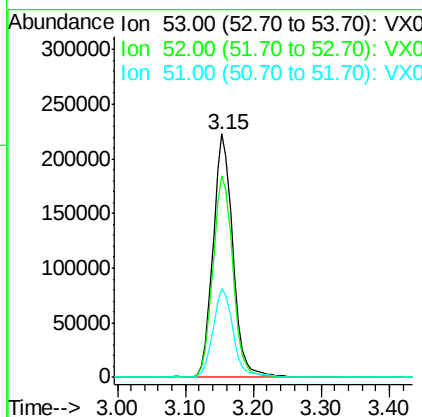
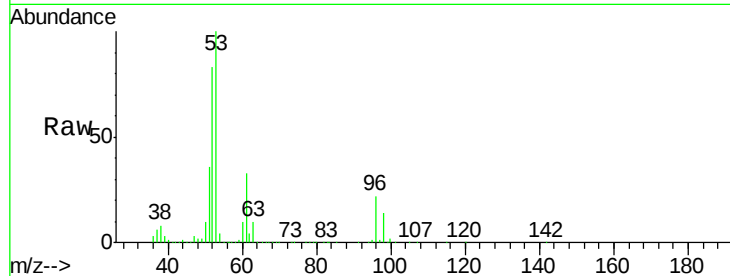
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	448194
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.7	100.1
51	37.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 277.359 ug/l

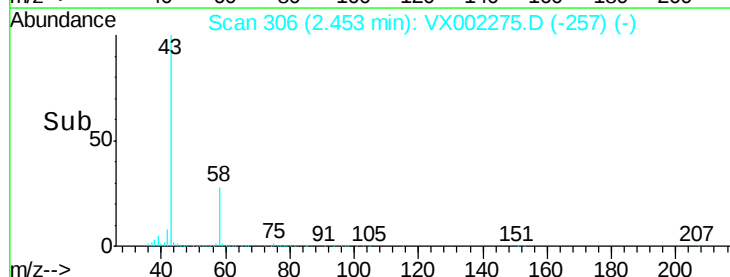
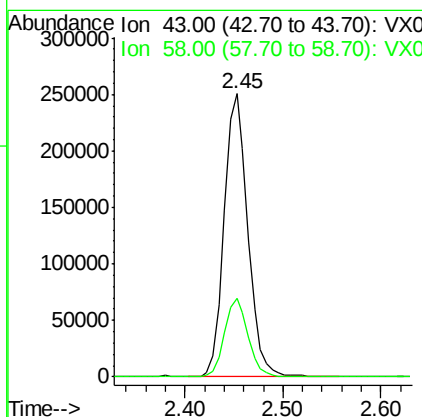
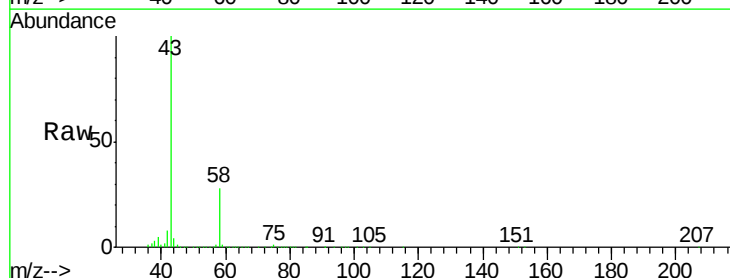
RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	43	Resp:	416395
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1





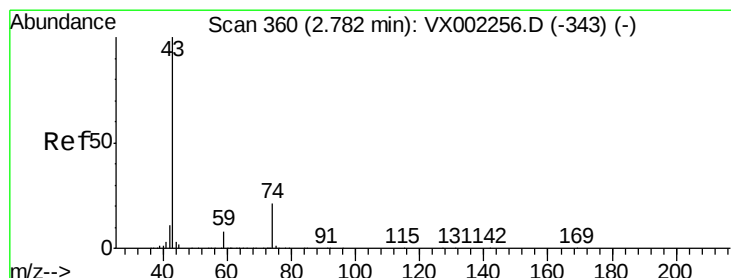
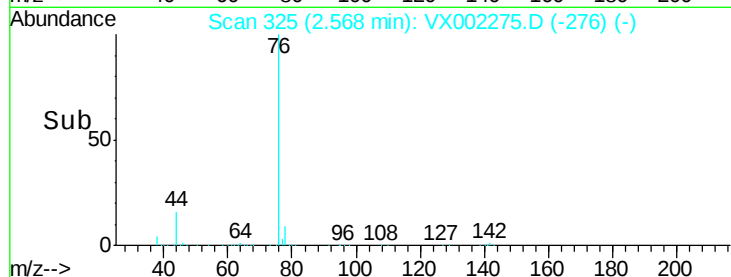
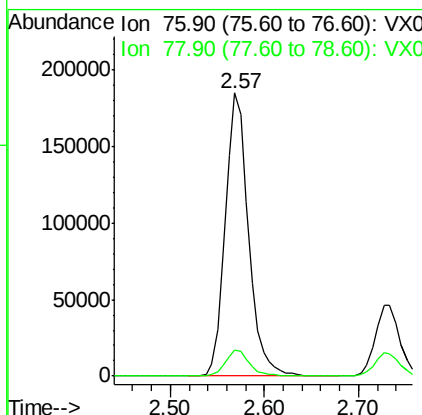
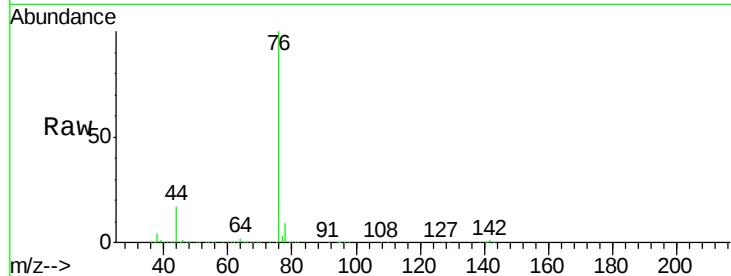
#17
Carbon Disulfide
Concen: 45.957 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
76	100	317167		
78	9.0	6.9	10.3	

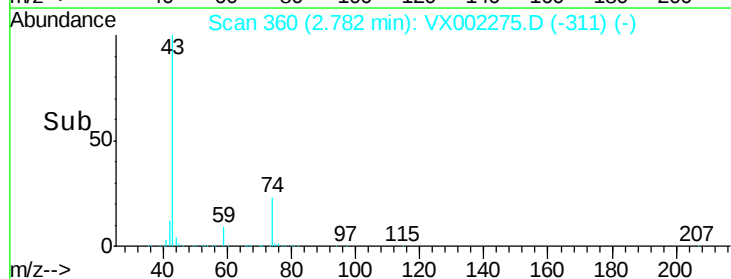
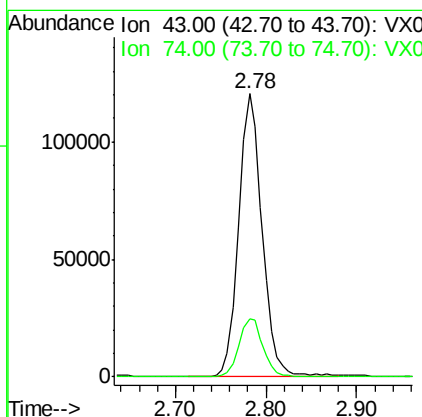
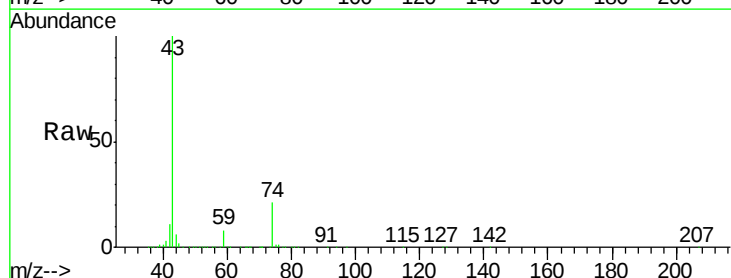
Manual Integrations
APPROVED

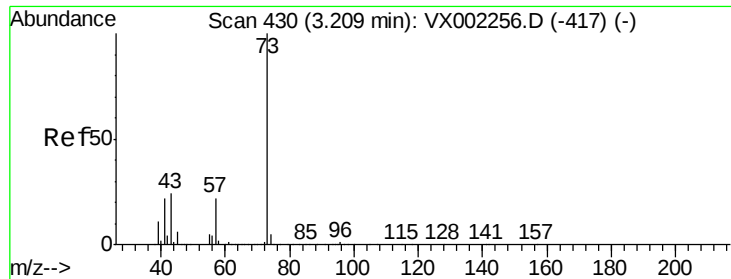
MMDadoda
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#18
Methyl Acetate
Concen: 61.203 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	213534		
74	21.7	16.7	25.1	





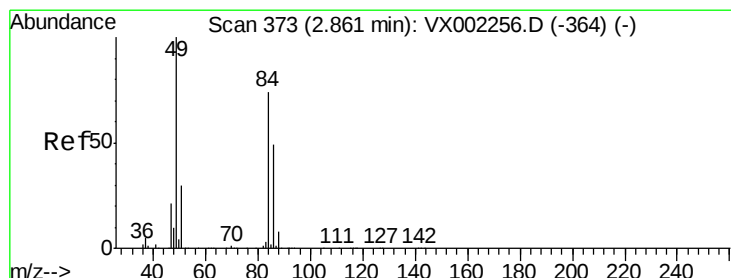
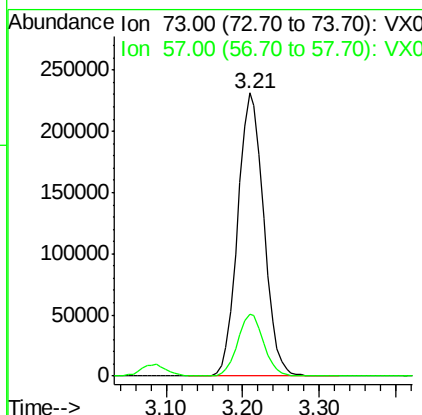
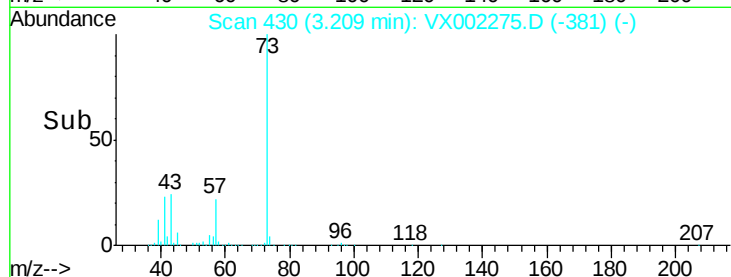
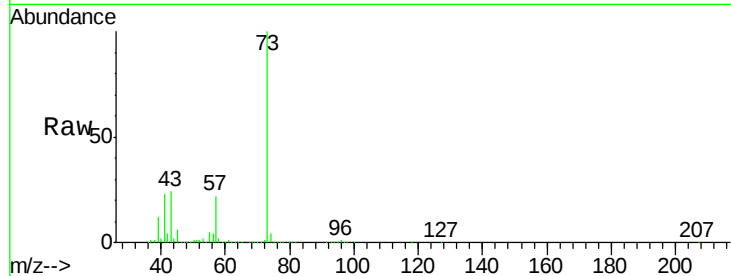
#19
Methyl tert-butyl Ether
Concen: 60.203 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.7	26.5

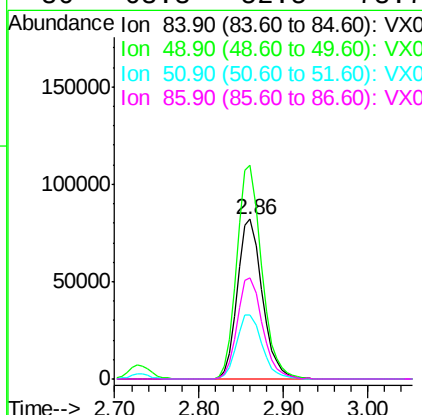
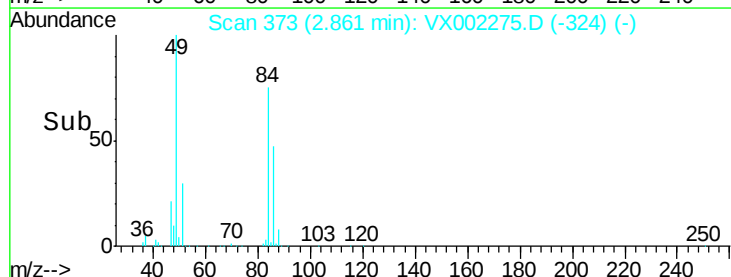
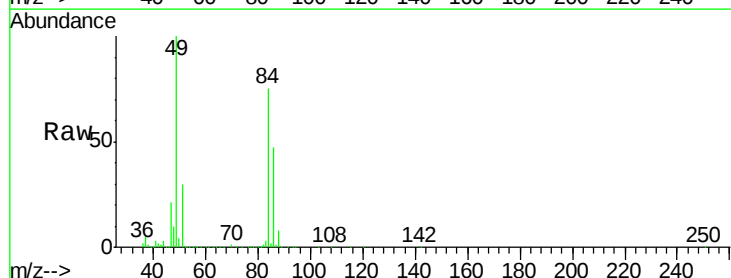
Manual Integrations
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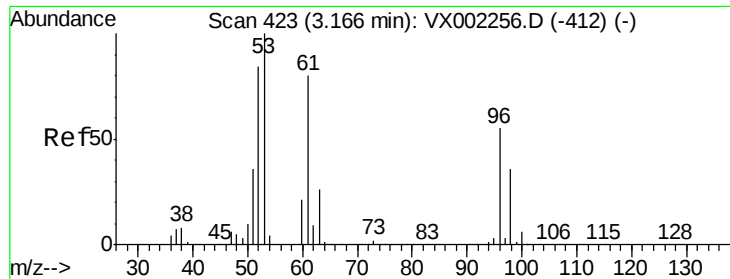
MMDadoda
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#20
Methylene Chloride
Concen: 59.425 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.9	107.8	161.6
51	40.1	32.8	49.2
86	63.3	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 50.872 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

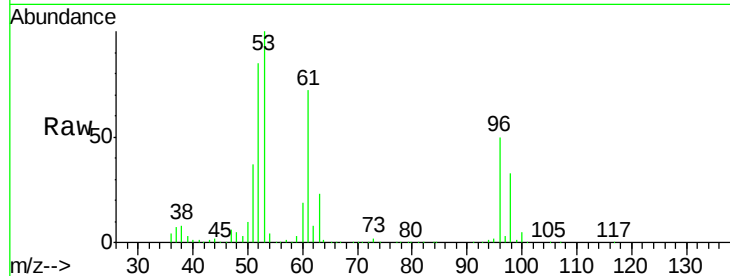
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	146895
Ion	Ratio	Lower	Upper
96	100		
61	145.0	117.0	175.4
98	65.7	52.4	78.6

Manual Integrations
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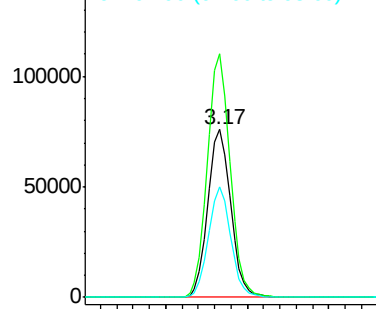


Abundance

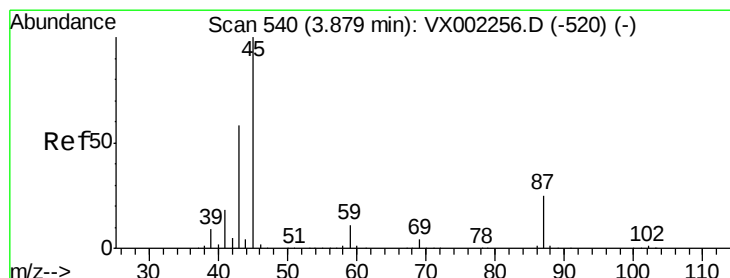
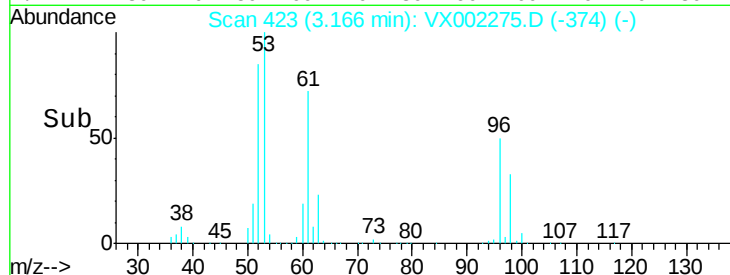
Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->



#22

Diisopropyl ether

Concen: 55.852 ug/l

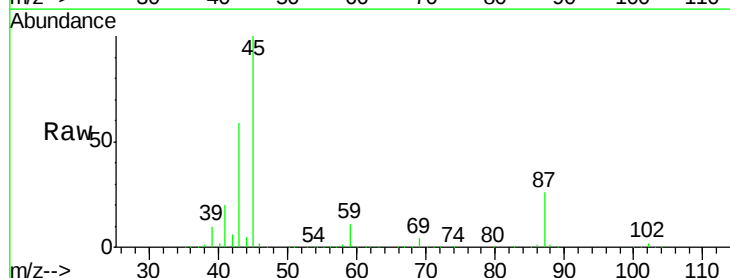
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	45	Resp:	528575
Ion	Ratio	Lower	Upper
45	100		
43	59.4	46.8	70.2
87	26.2	20.2	30.4
59	11.0	8.7	13.1



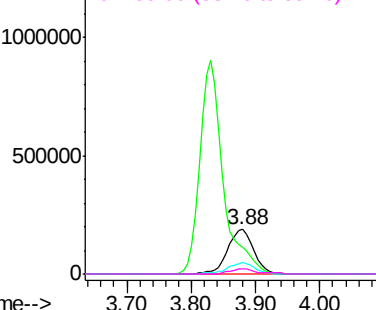
Abundance

Ion 45.00 (44.70 to 45.70): VX0

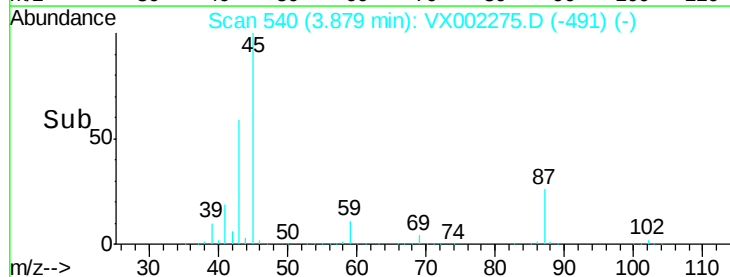
Ion 43.00 (42.70 to 43.70): VX0

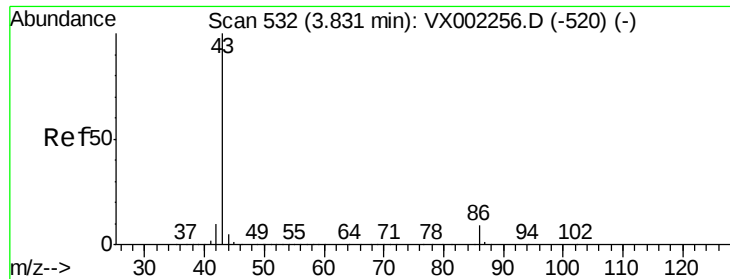
Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



Time-->





#23

Vinyl Acetate

Concen: 250.627 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2308778

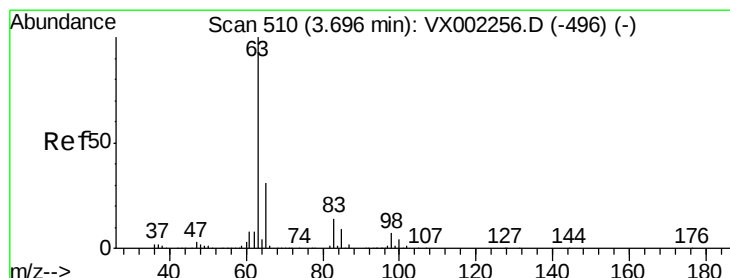
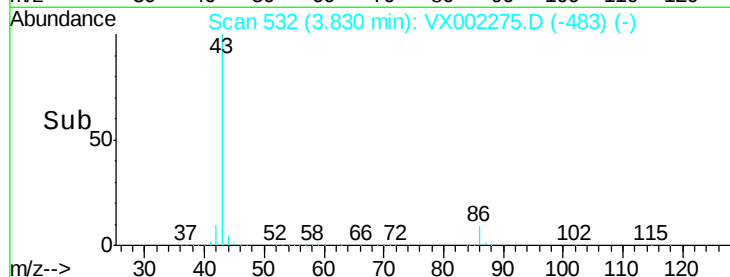
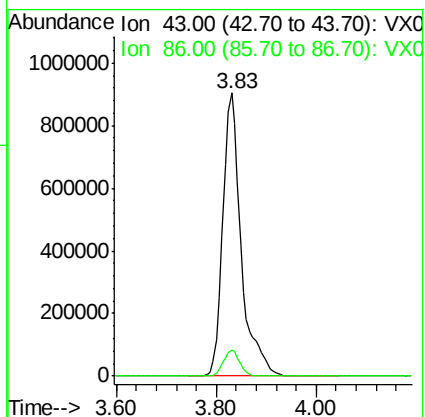
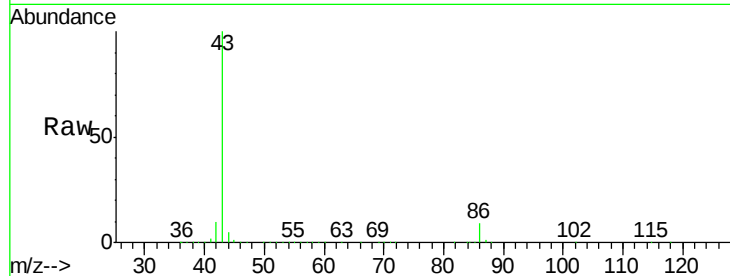
Ion Ratio Lower Upper

43 100

86 9.2 7.4 11.0

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 46.727 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

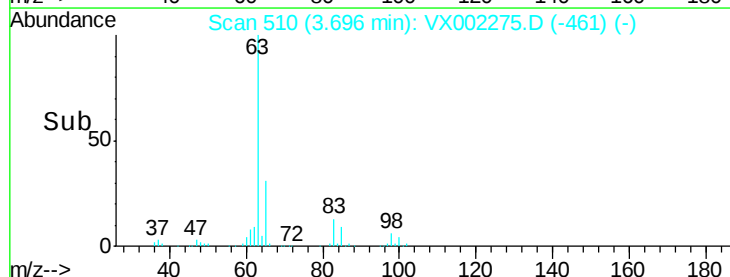
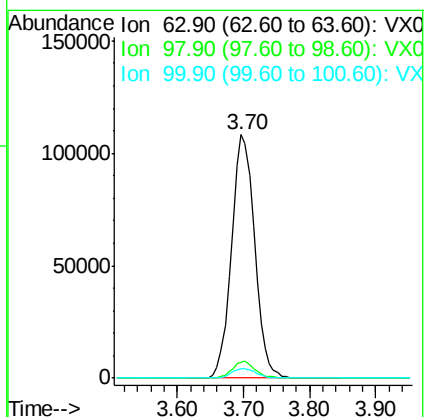
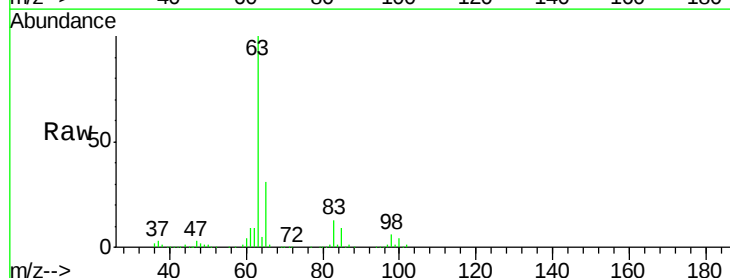
Tgt Ion: 63 Resp: 262436

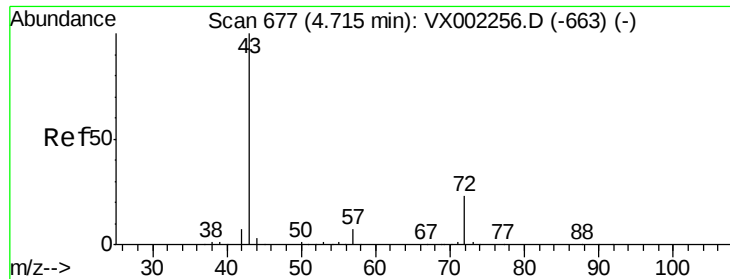
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 250.534 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 604213

Ion Ratio Lower Upper

43 100

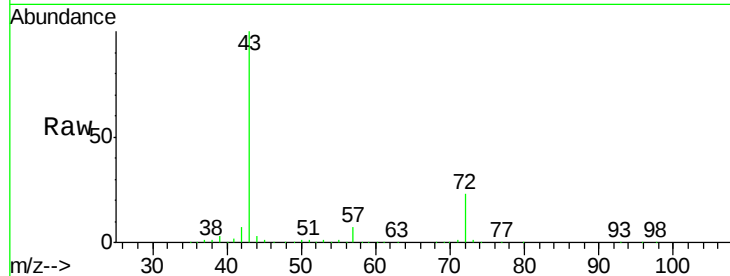
72 22.6 18.5 27.7

Manual Integrations

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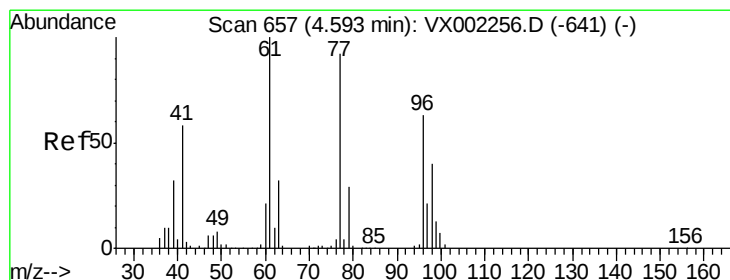
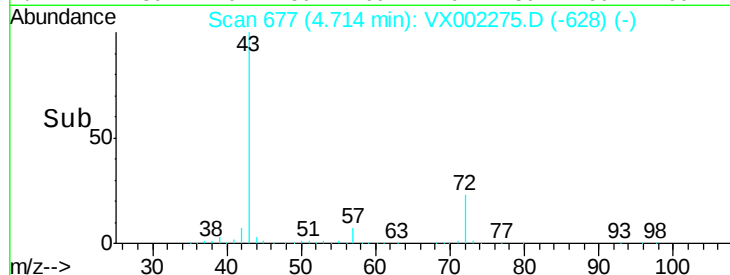
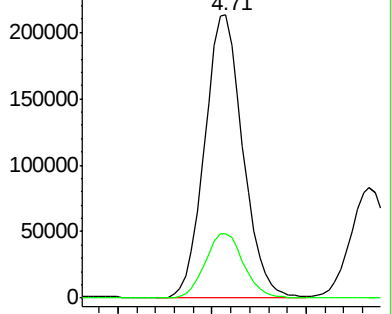
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.547 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002275.D

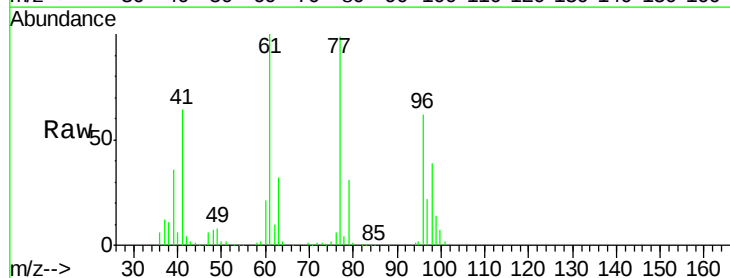
Acq: 04 Jun 2018 22:20

Tgt Ion: 77 Resp: 186793

Ion Ratio Lower Upper

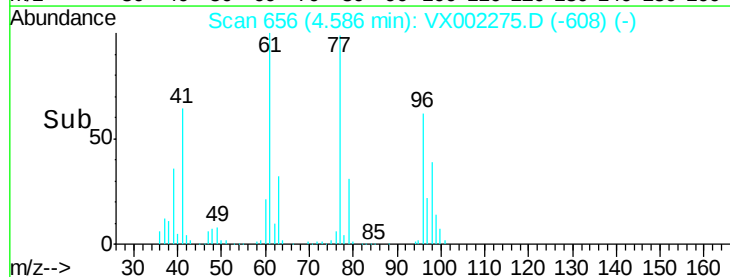
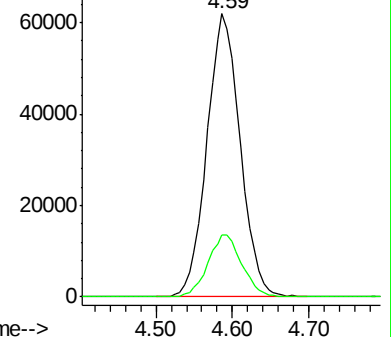
77 100

97 22.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

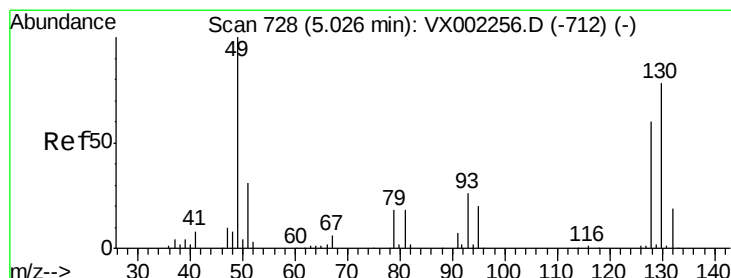
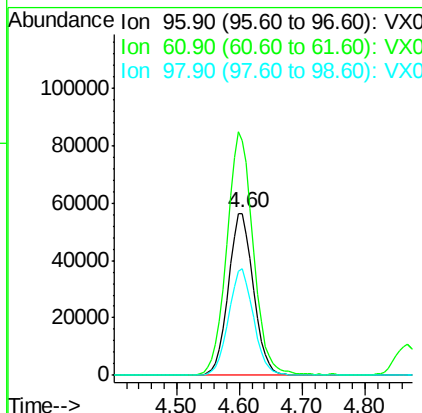
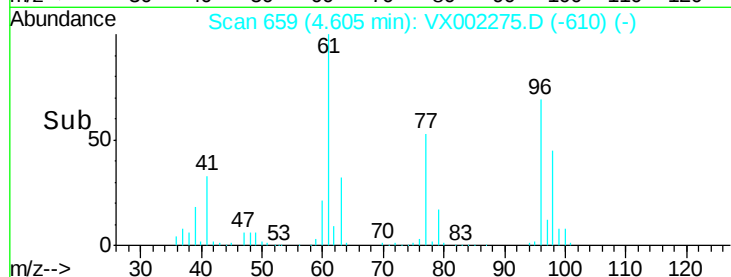
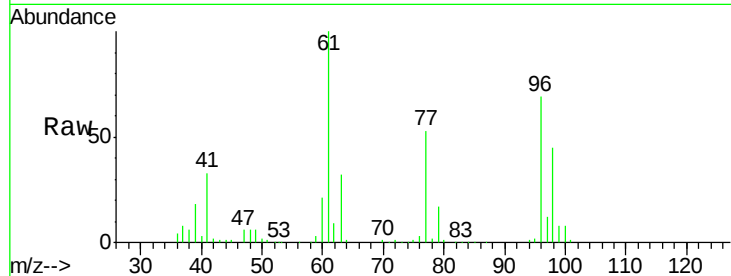
cis-1,2-Dichloroethene
Concen: 49.786 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	330.2
98	65.1	0.0	130.2

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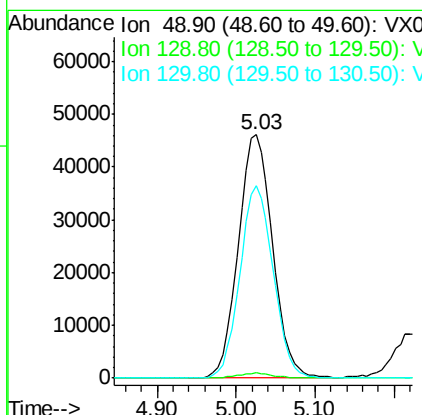
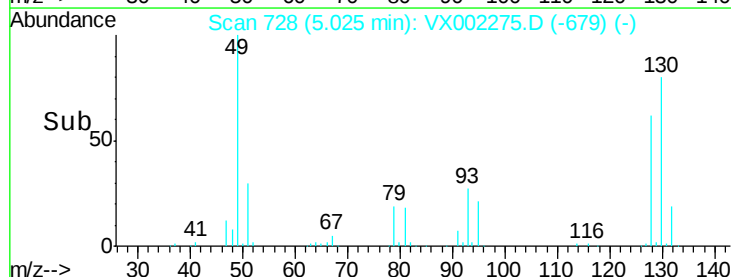
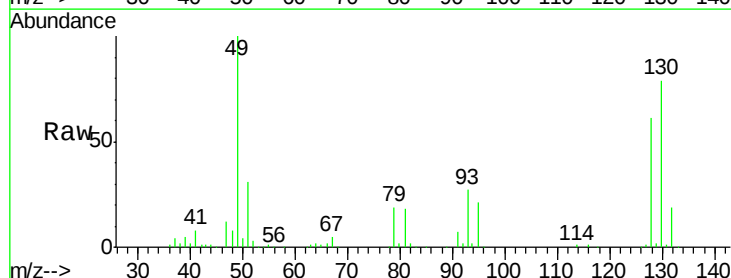
MMDadoda
6/5/2018 5:56:08 PM

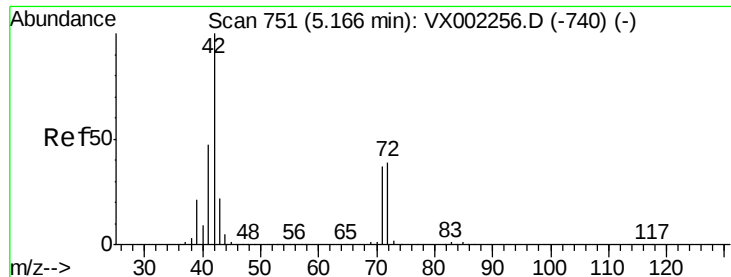


#28

Bromochloromethane
Concen: 59.116 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	76.8	61.2	91.8





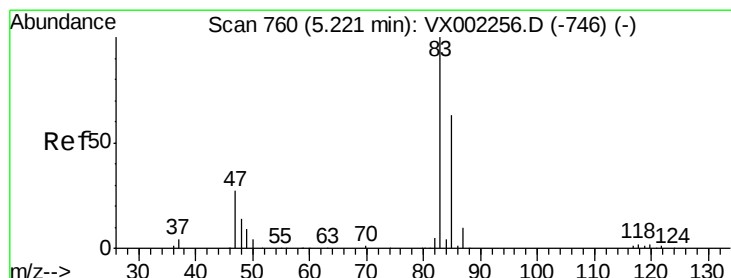
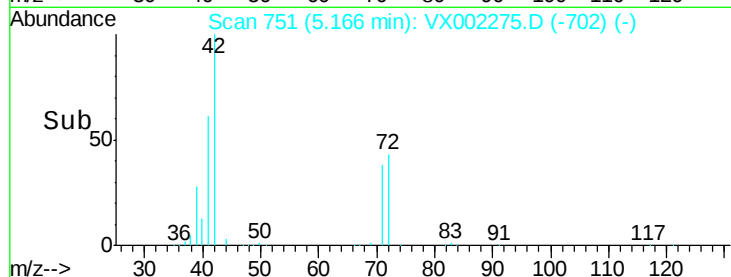
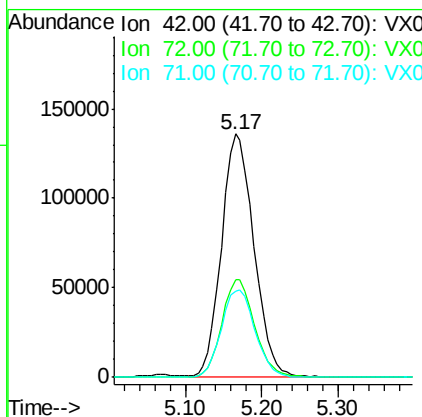
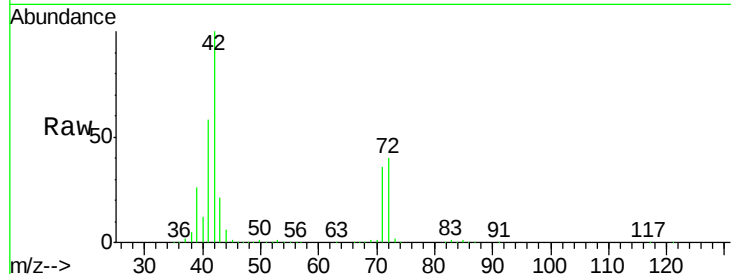
#29
Tetrahydrofuran
Concen: 256.443 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	32.0	48.0
71	37.4	30.1	45.1

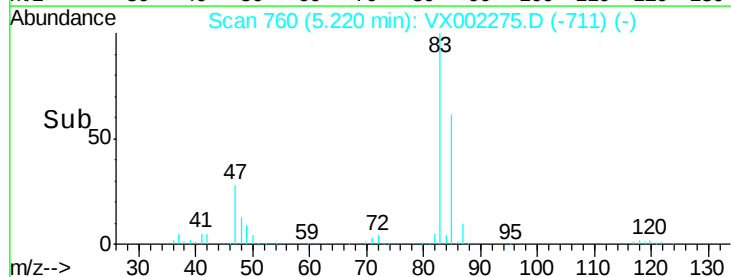
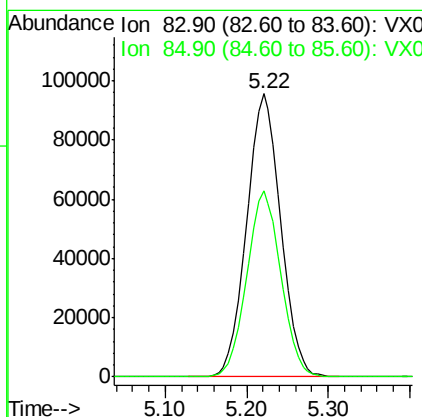
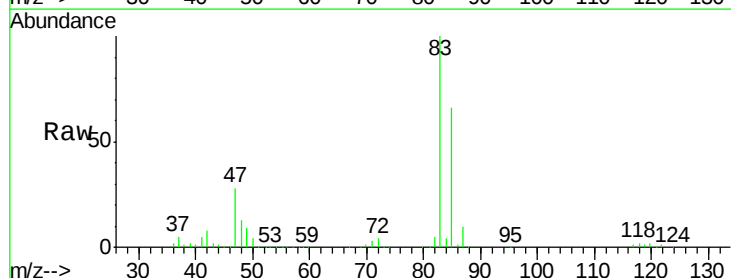
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#30
Chloroform
Concen: 51.288 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.4	75.6





#31

Cyclohexane

Concen: 45.839 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

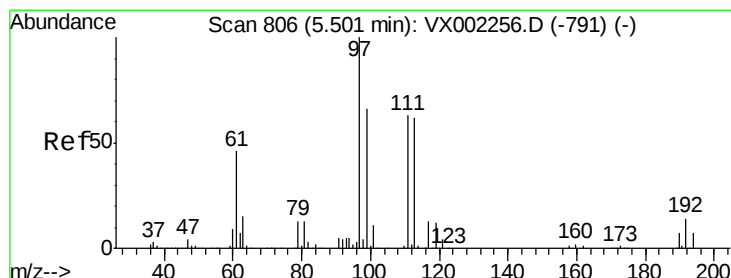
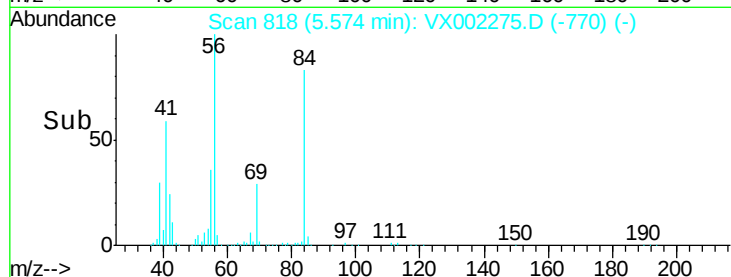
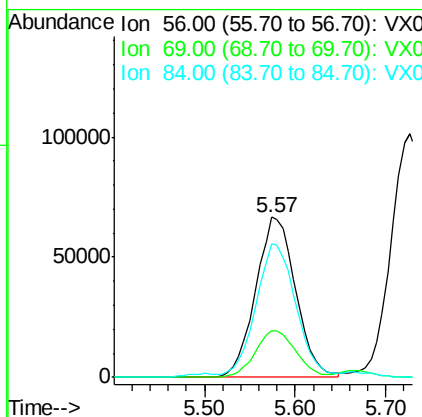
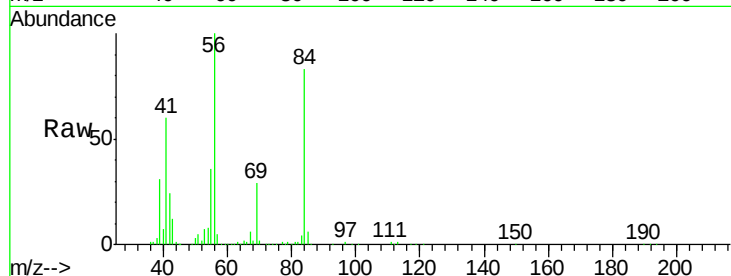
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	203576
Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.7	35.5
84	81.3	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 50.689 ug/l

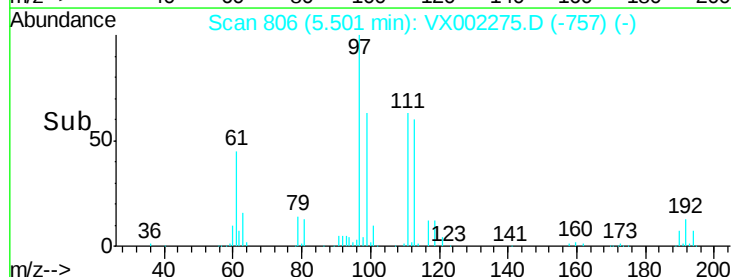
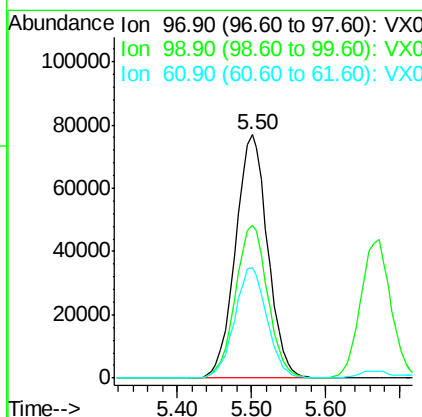
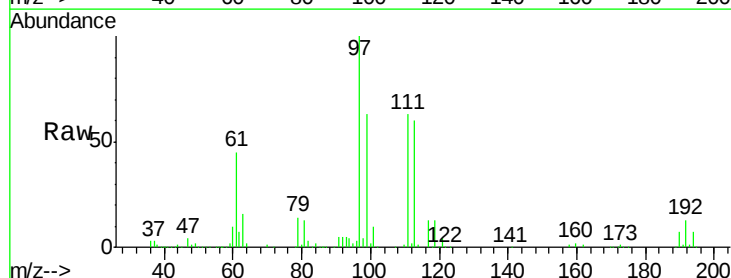
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	97	Resp:	232978
Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.6	77.4
61	45.7	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 53.246 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 186493

Ion Ratio Lower Upper

65 100

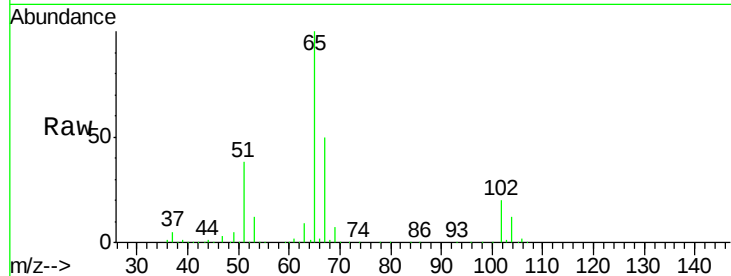
67 51.4 0.0 102.6

Manual Integrations

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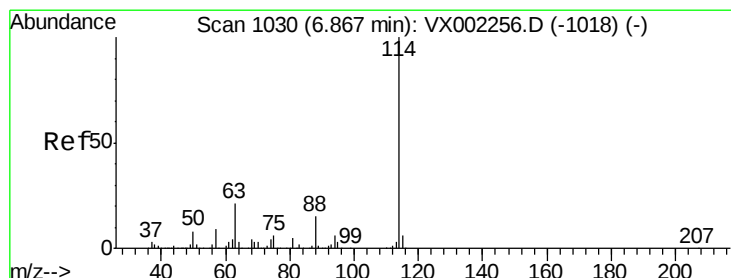
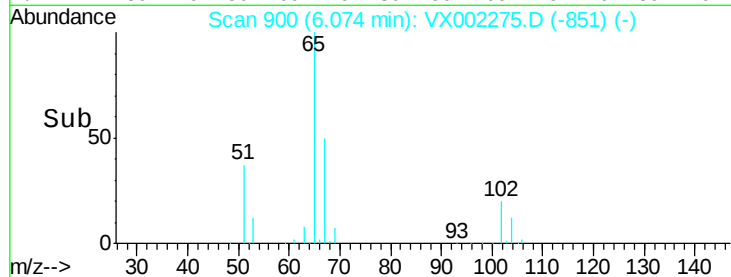
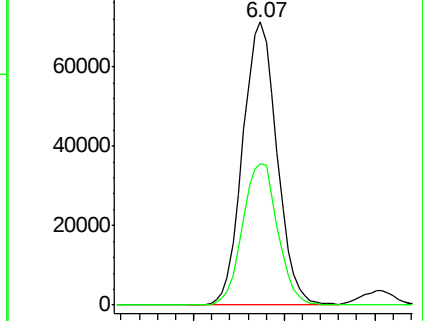
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

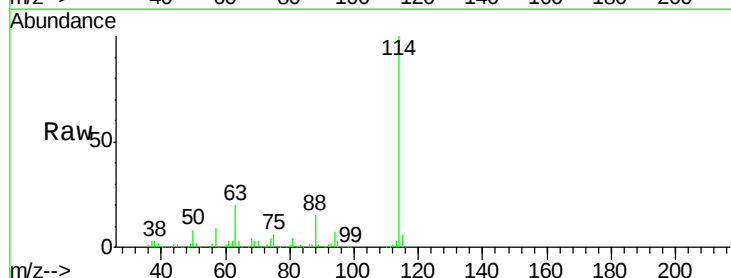
Tgt Ion: 114 Resp: 376818

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

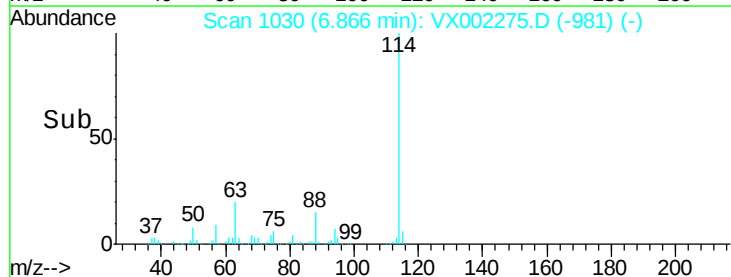
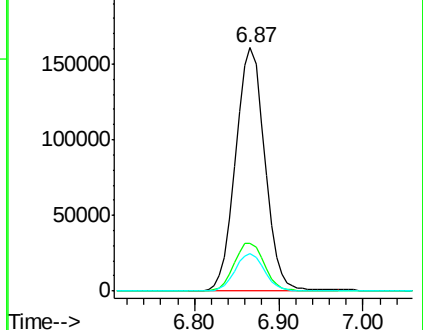
88 15.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





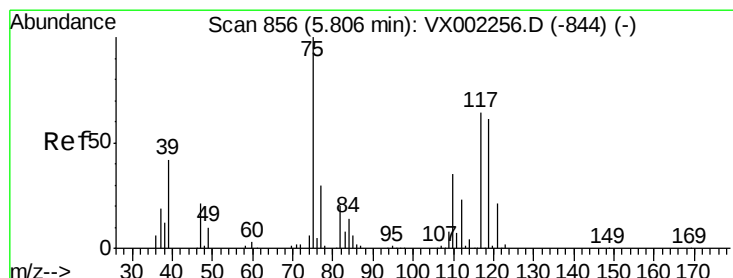
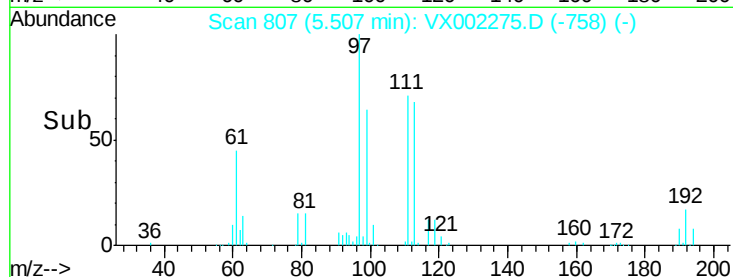
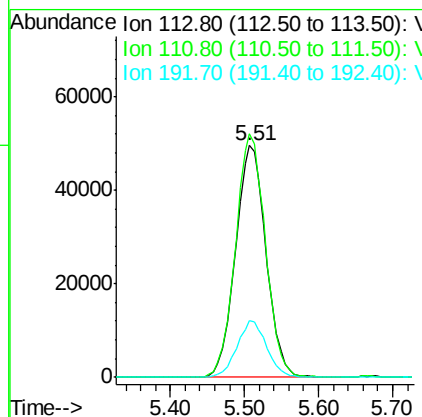
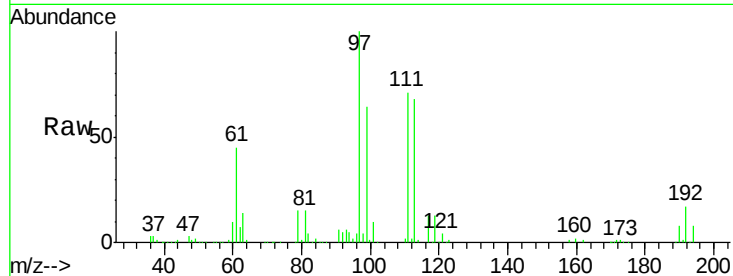
#35
Dibromofluoromethane
Concen: 47.999 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142236		
111	102.9	81.4	122.0	
192	23.7	19.1	28.7	

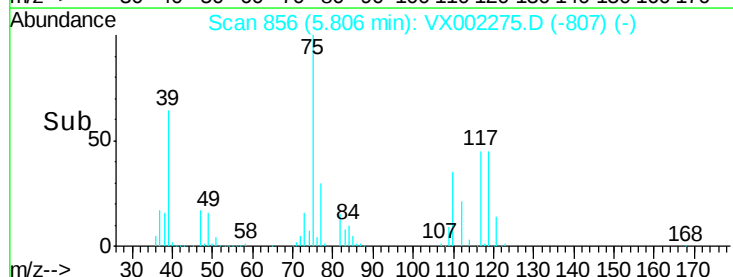
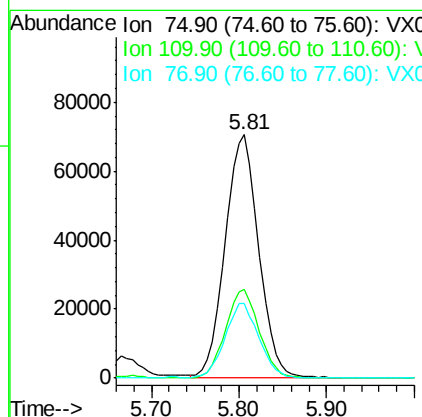
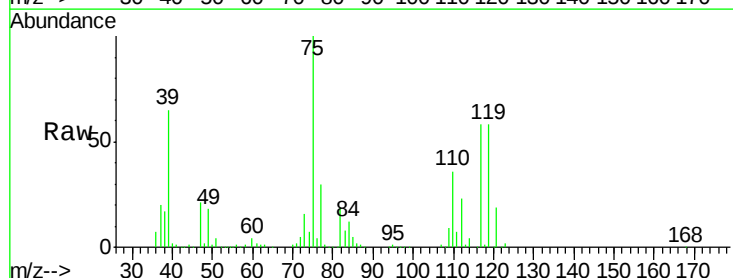
Manual Integrations
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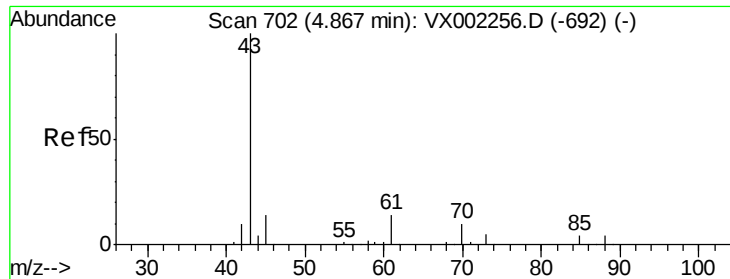
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.263 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	187229		
110	36.7	18.1	54.4	
77	30.9	24.3	36.5	





#37

Ethyl Acetate

Concen: 50.730 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

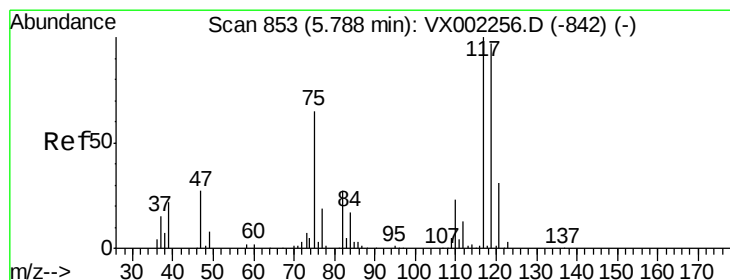
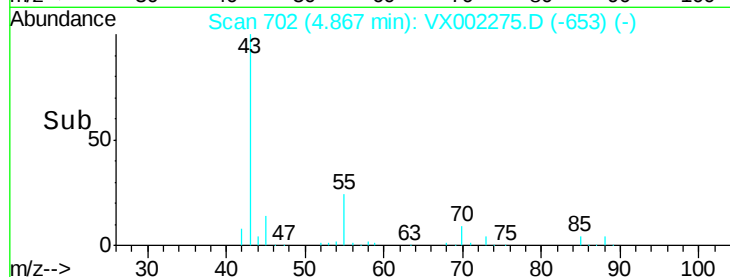
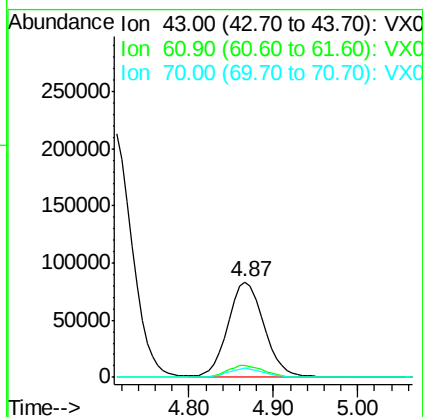
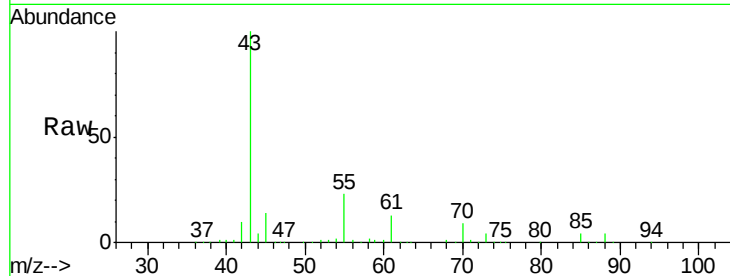
ClientSampleID :

VSTDCCC050

Tot Ion:	43	Resp:	241681
Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.4	15.6
70	9.2	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 47.048 ug/l

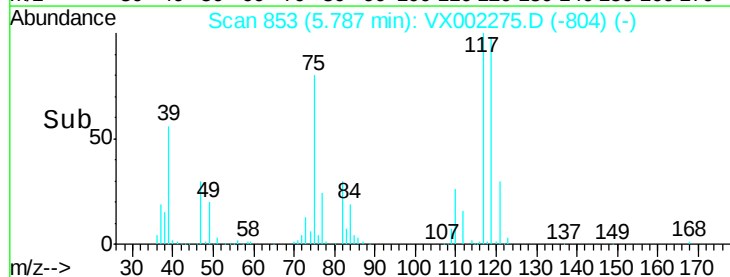
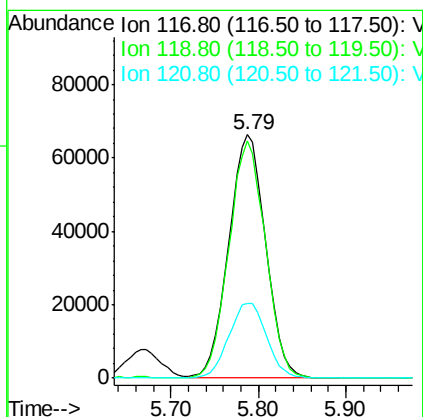
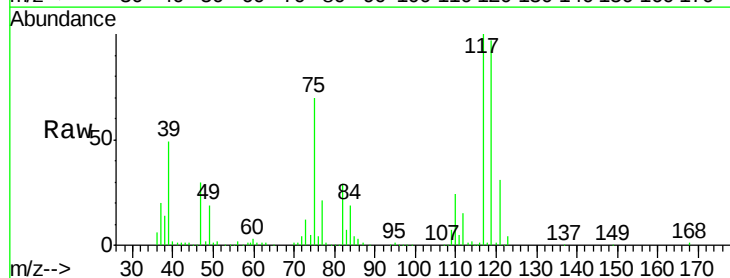
RT: 5.79 min Scan# 853

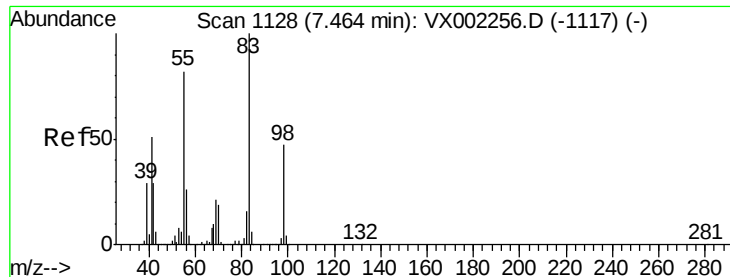
Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	117	Resp:	194981
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
121	30.5	24.4	36.6





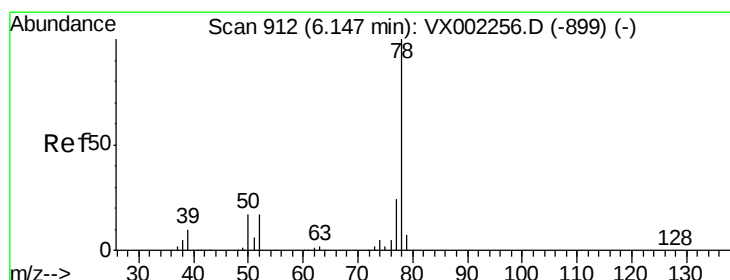
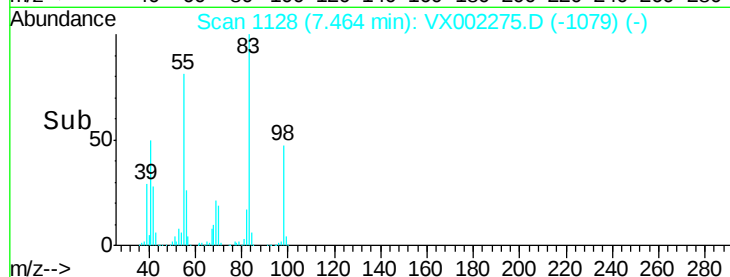
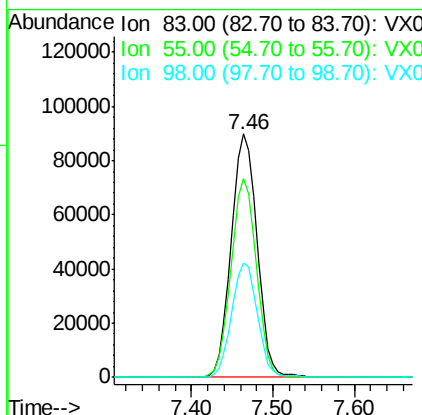
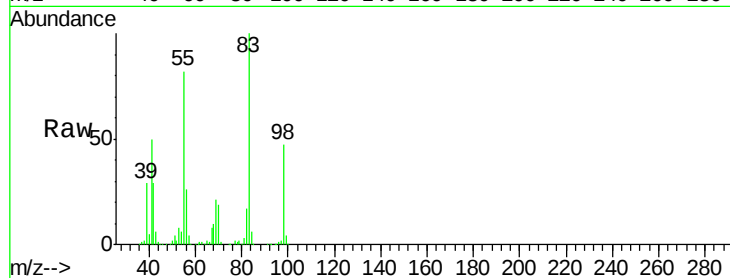
#39
Methvlcvclohexane
Concen: 40.124 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	65.4	98.0
98	47.0	37.4	56.0

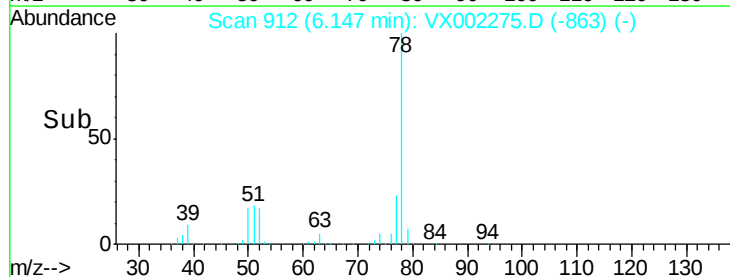
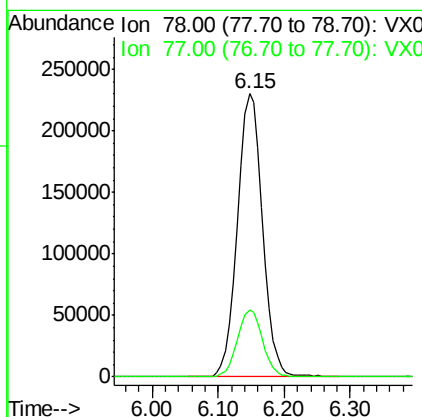
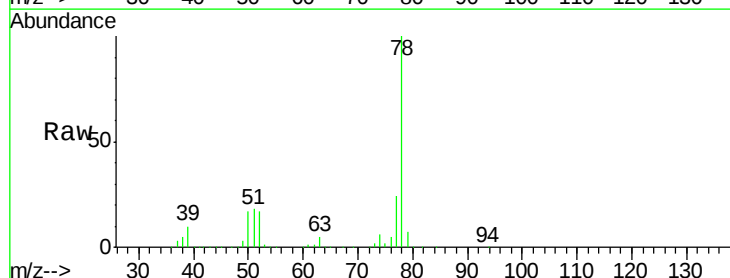
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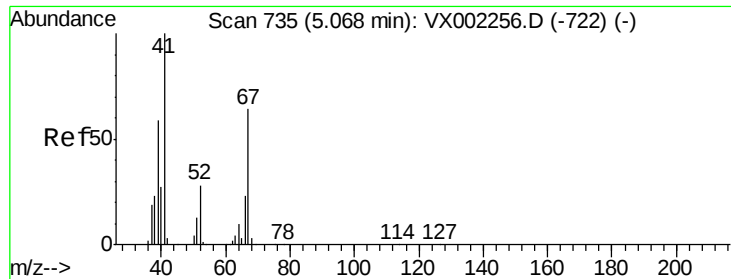
MMDadoda
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#40
Benzene
Concen: 49.936 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





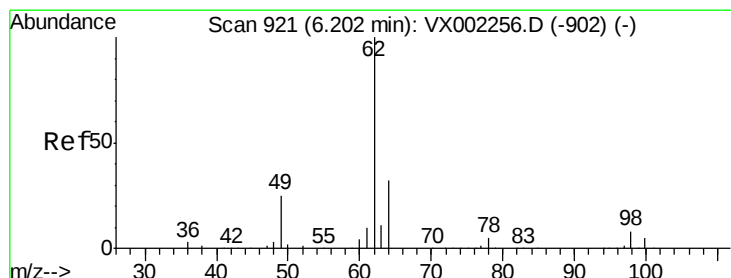
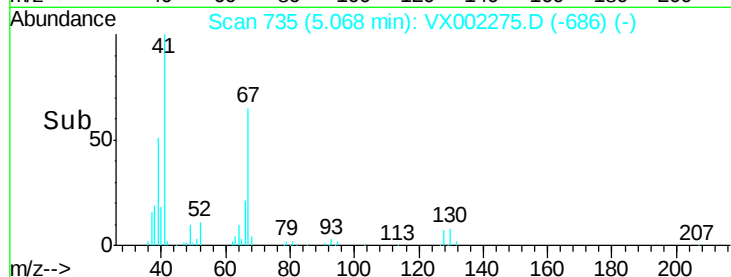
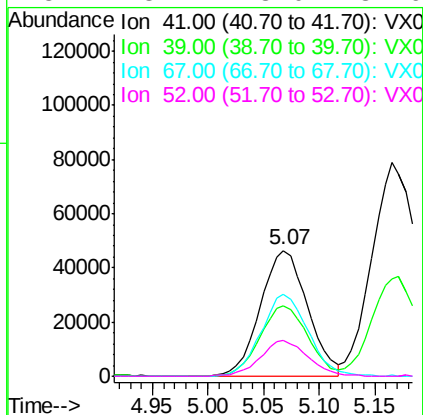
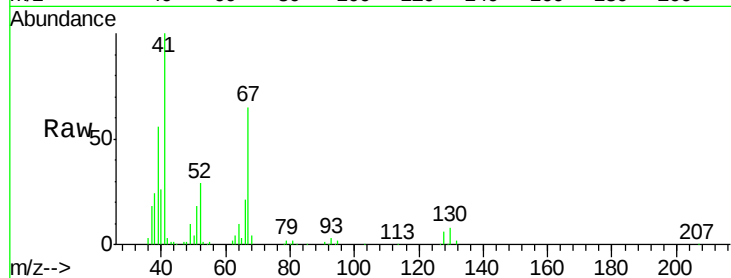
#41
Methacrylonitrile
Concen: 49.974 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	45.8	68.6	
67	65.2	51.3	76.9	
52	28.1	23.0	34.6	

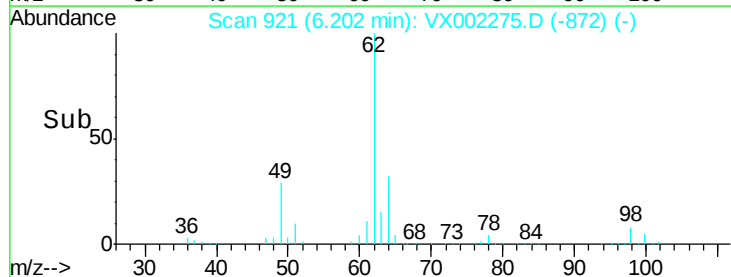
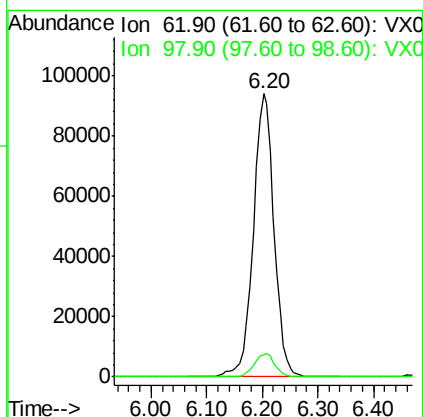
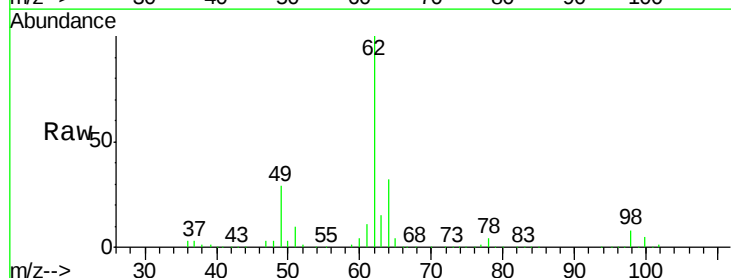
Manual Integrations
APPROVED

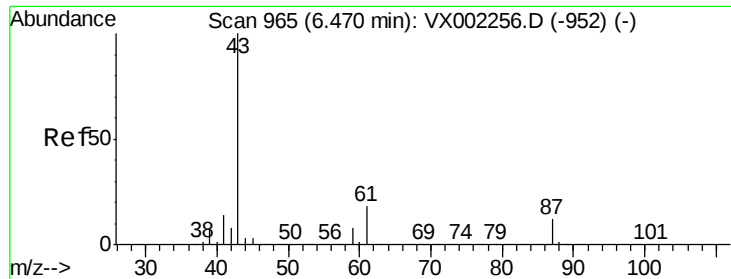
MMDadoda
6/5/2018 5:56:08 PM



#42
1,2-Dichloroethane
Concen: 50.518 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

Isopropyl Acetate

Concen: 49.768 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

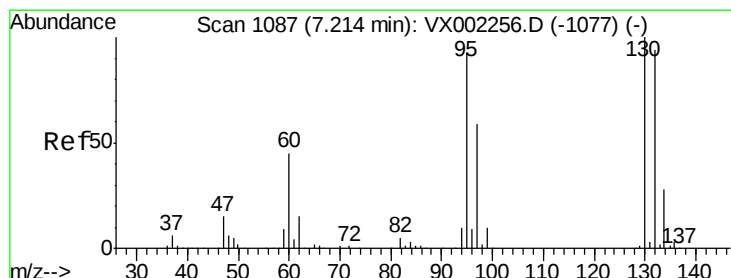
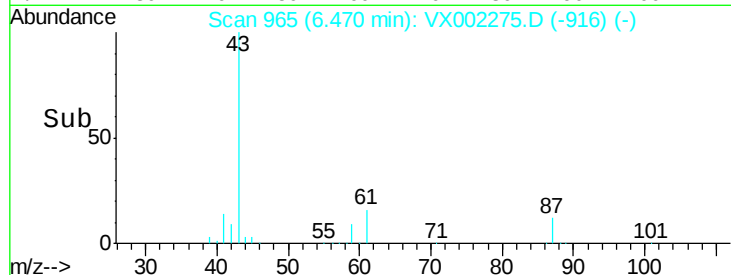
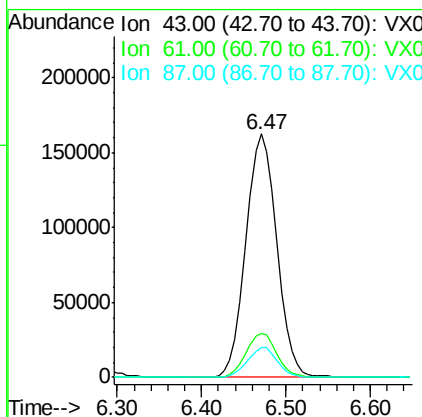
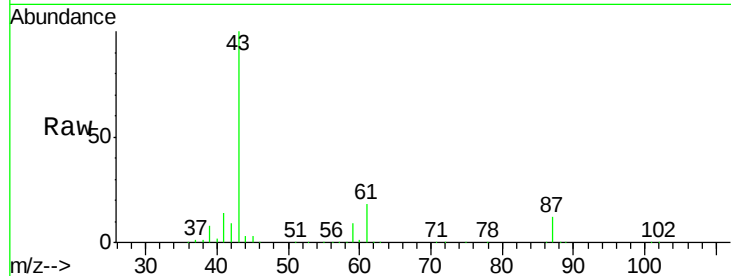
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	402717
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.4	21.6
87	12.0	9.5	14.3

Manual Integrations
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#44

Trichloroethene

Concen: 50.596 ug/l

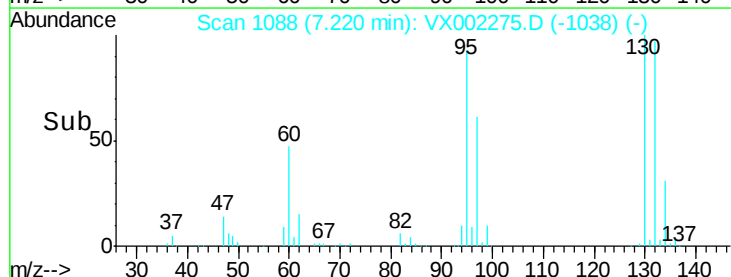
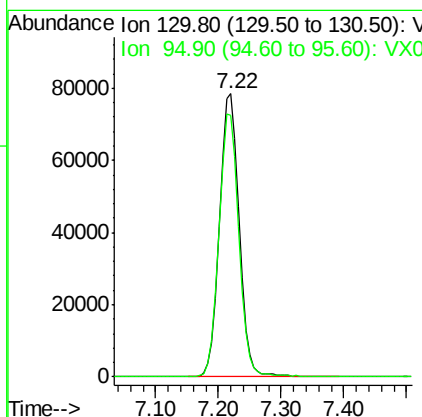
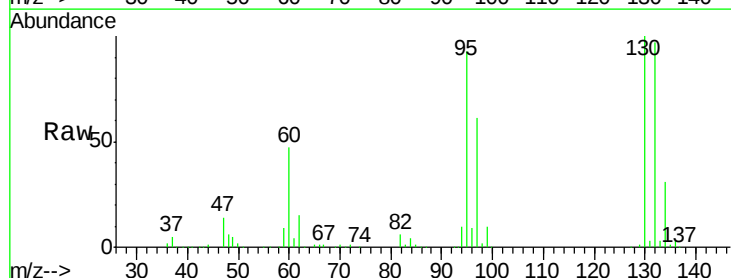
RT: 7.22 min Scan# 1088

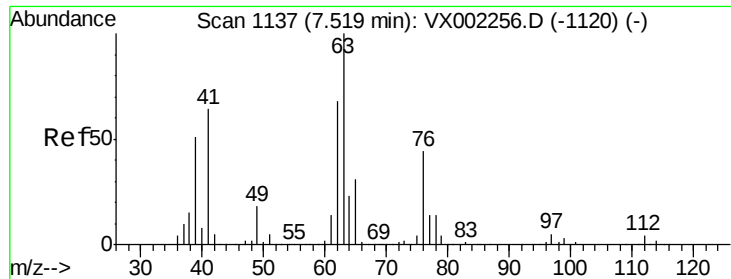
Delta R.T. 0.01 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	130	Resp:	170563
Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	185.4





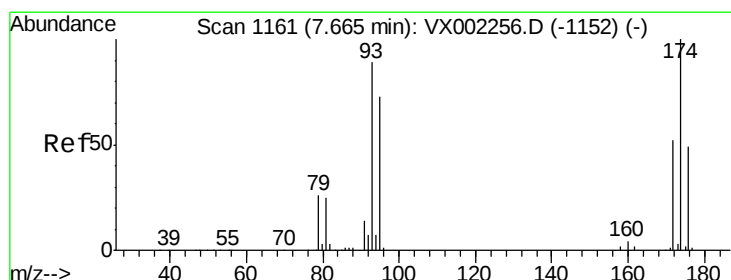
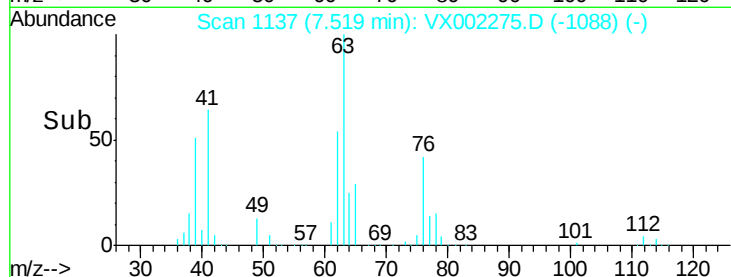
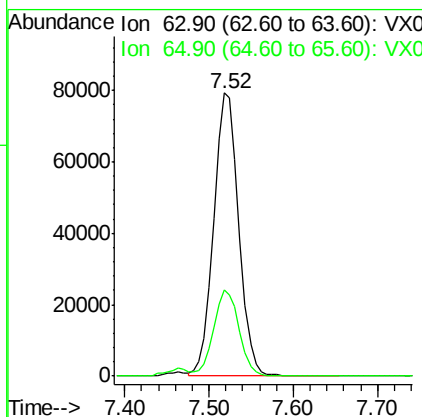
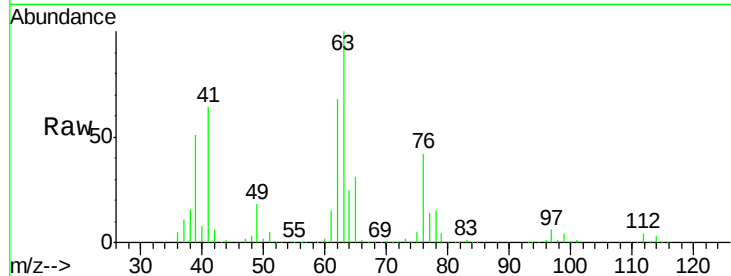
#45
 1,2-Dichloropropane
 Concen: 49.502 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002275.D
 Acq: 04 Jun 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 162324
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

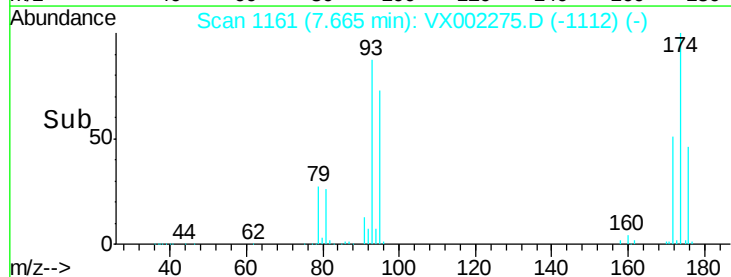
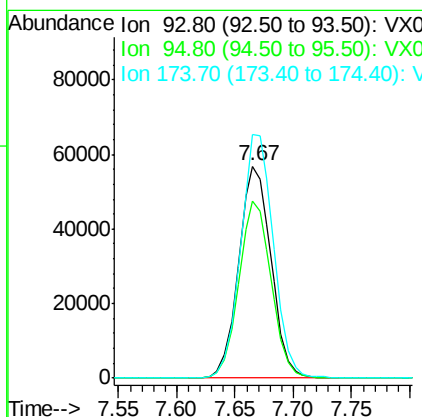
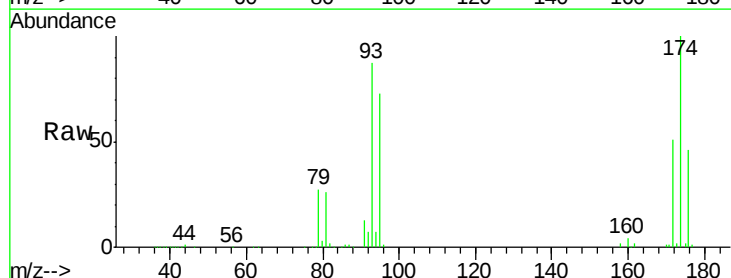
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#46
 Dibromomethane
 Concen: 49.542 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002275.D
 Acq: 04 Jun 2018 22:20

Tgt Ion: 93 Resp: 110128
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 116.3 92.4 138.6





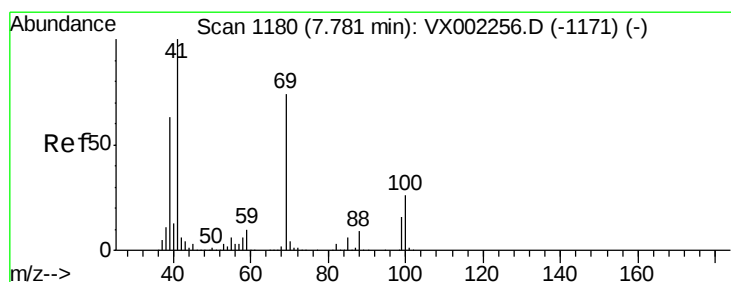
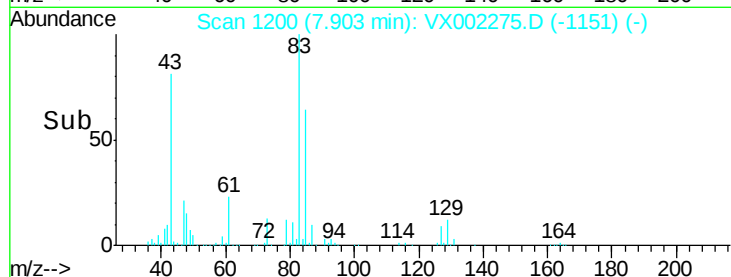
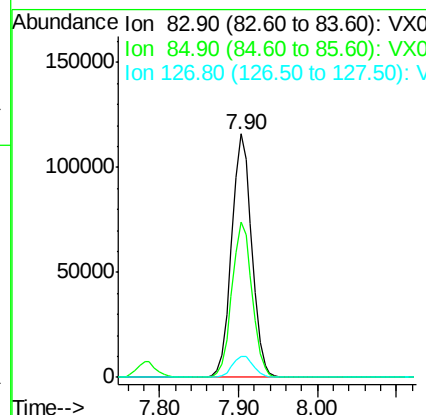
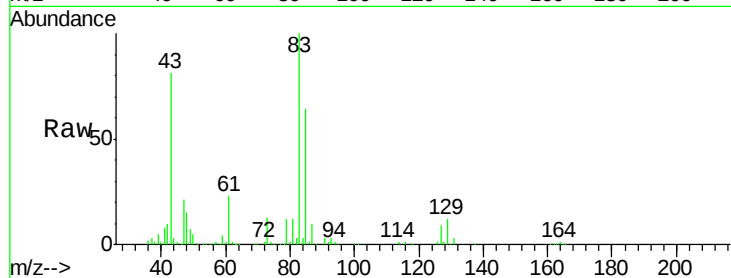
#47
Bromodichloromethane
Concen: 51.141 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5
127	8.8	7.0	10.4

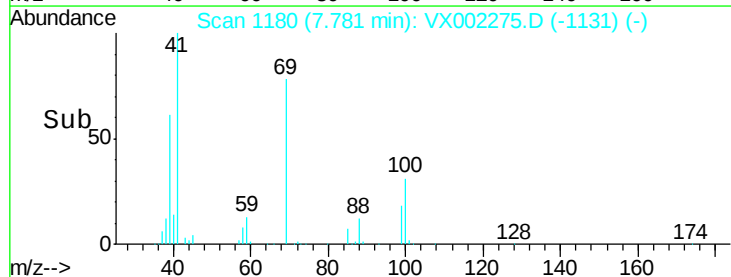
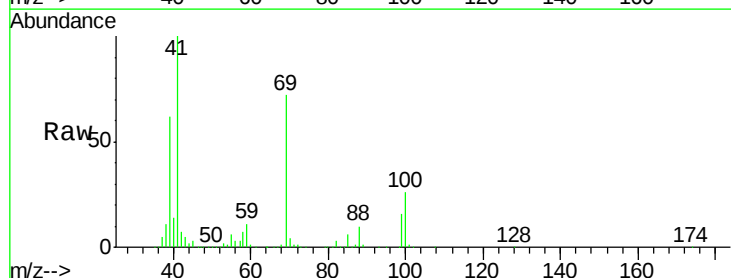
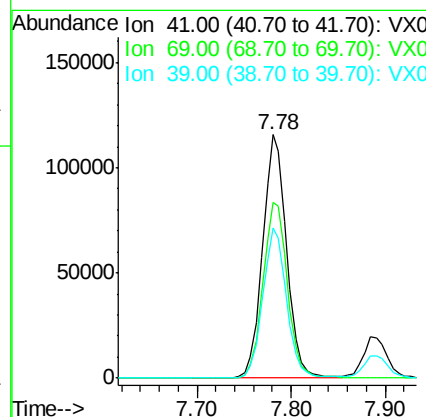
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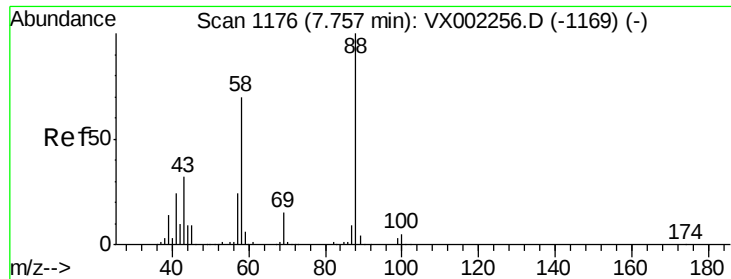
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#48
Methyl methacrylate
Concen: 50.863 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.3	59.1	88.7
39	61.2	48.9	73.3





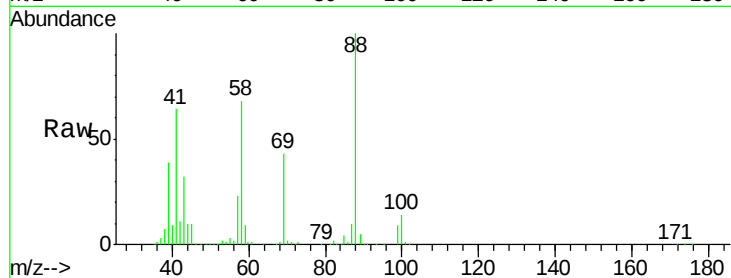
#49
1,4-Dioxane
Concen: 1039.497 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	29.8	44.6
58	70.2	57.1	85.7

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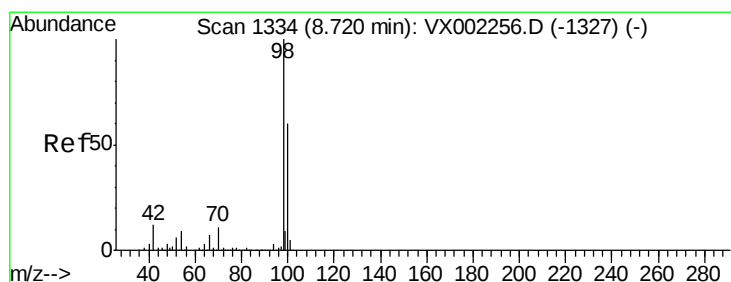
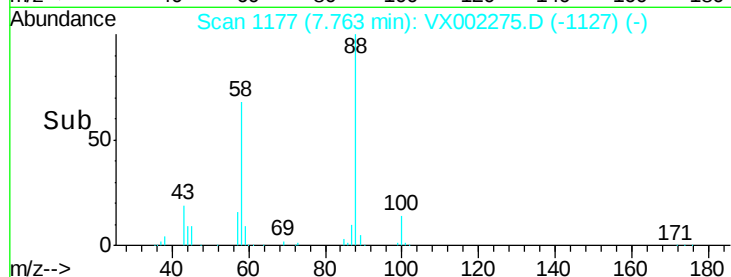
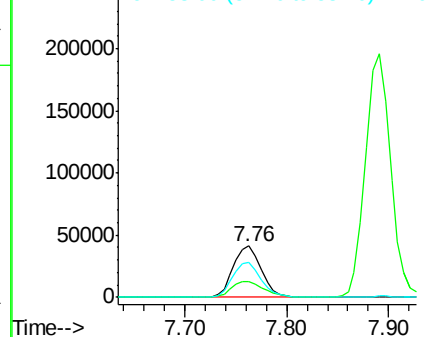


Abundance

Ion 88.00 (87.70 to 88.70): VX0

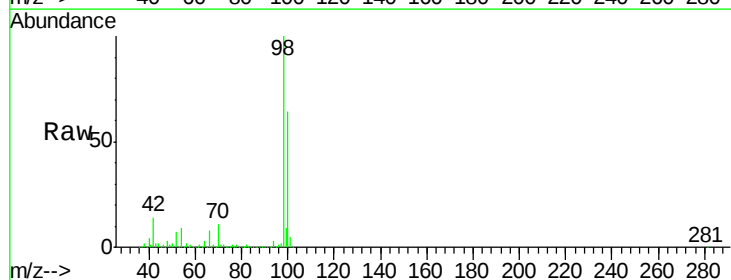
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.698 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

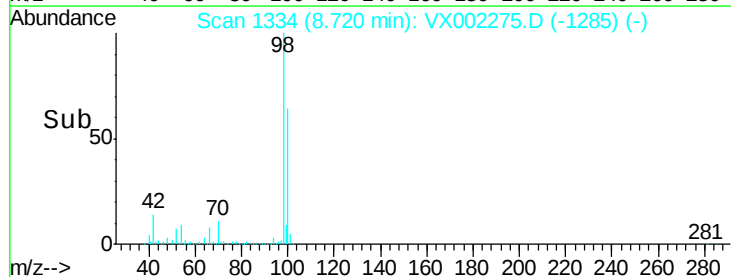
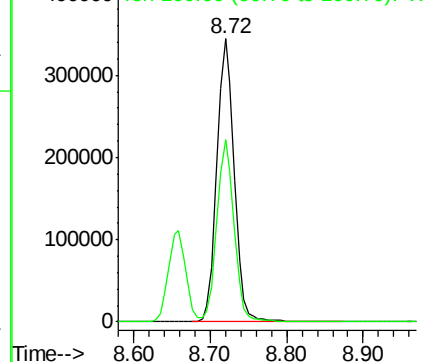
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3

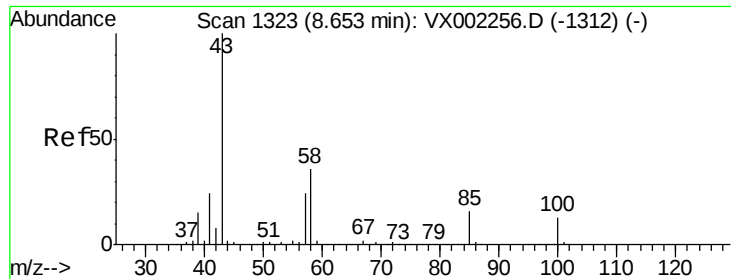


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 259.051 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1305395

Ion Ratio Lower Upper

43 100

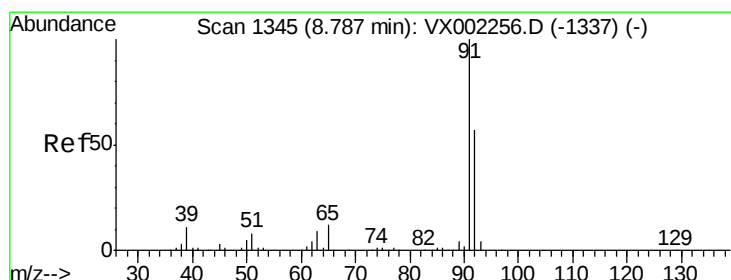
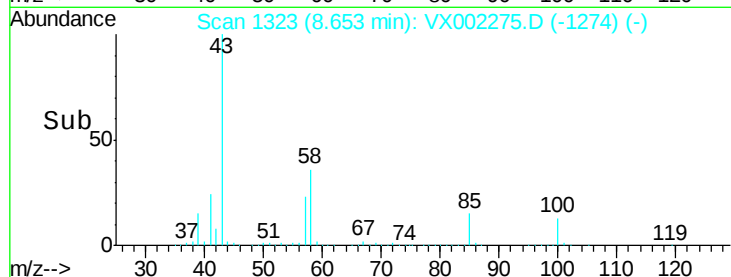
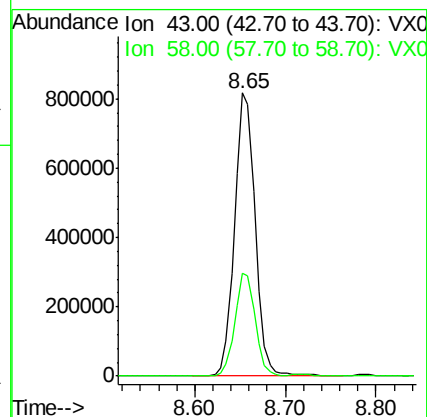
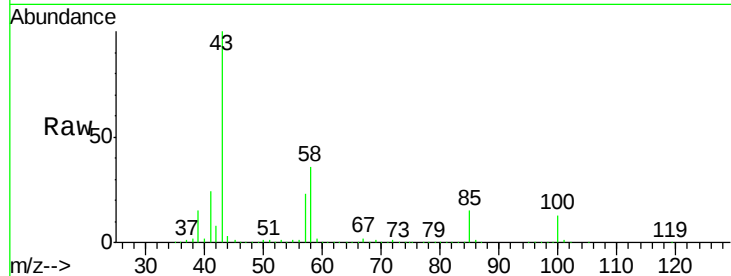
58 35.7 28.6 42.8

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#52

Toluene

Concen: 51.032 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002275.D

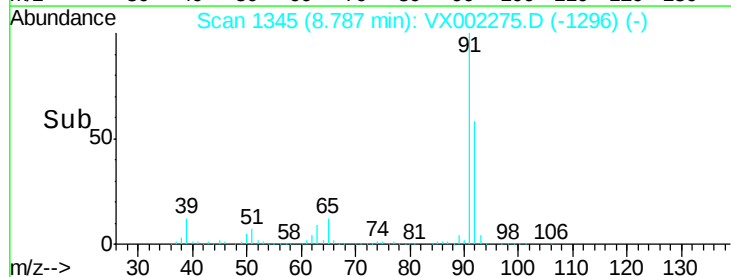
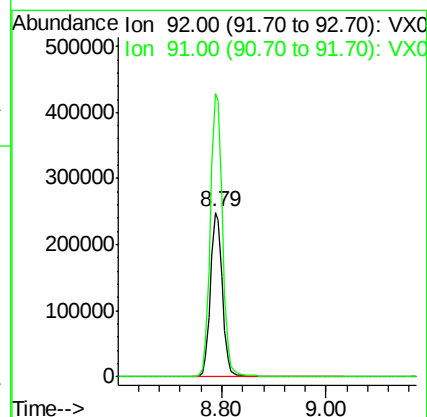
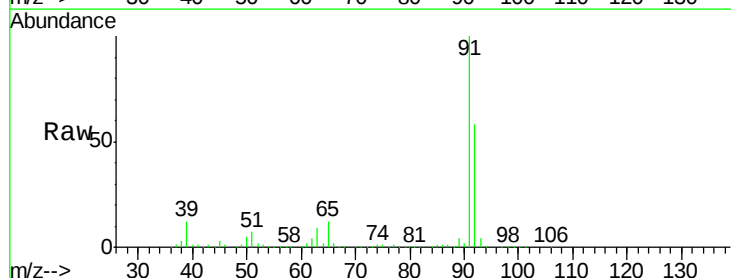
Acq: 04 Jun 2018 22:20

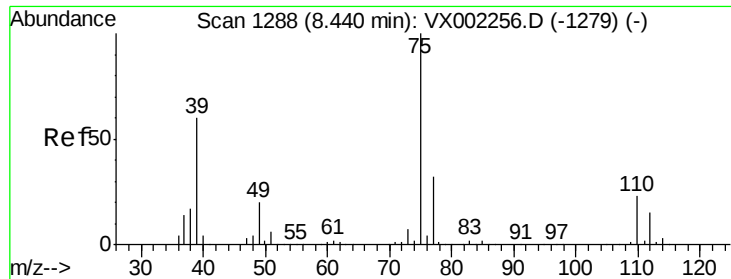
Tgt Ion: 92 Resp: 394240

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6





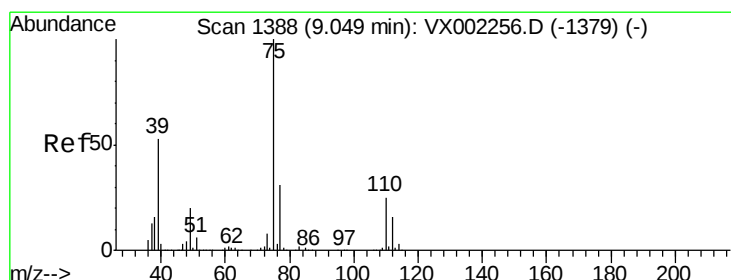
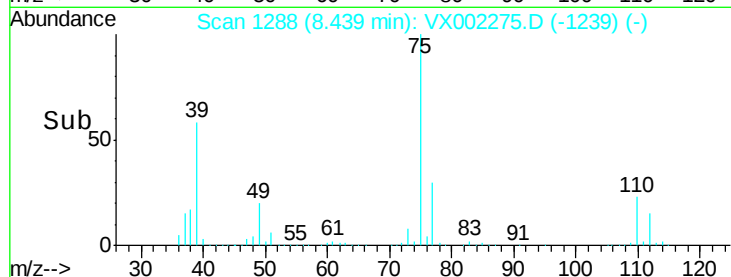
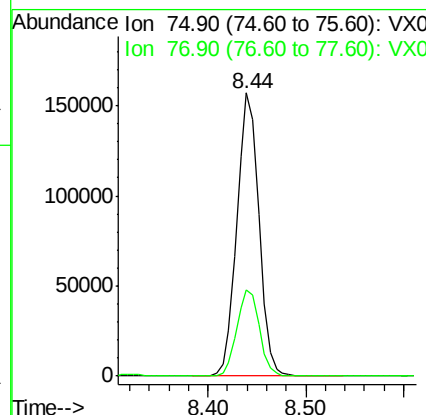
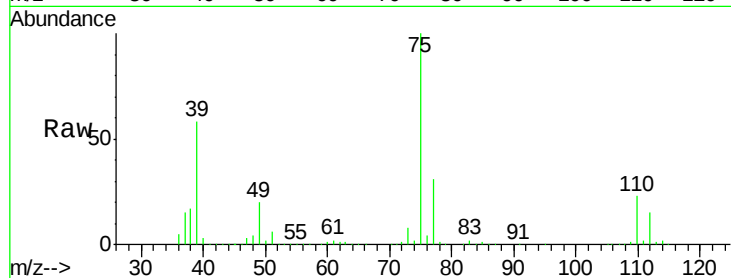
#53
t-1,3-Dichloropropene
Concen: 50.936 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 245574
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2

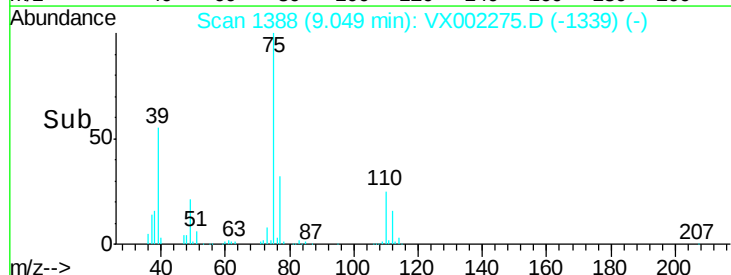
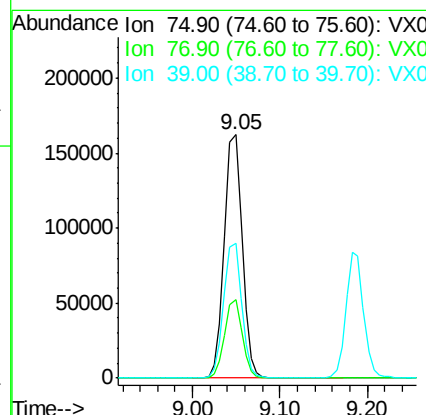
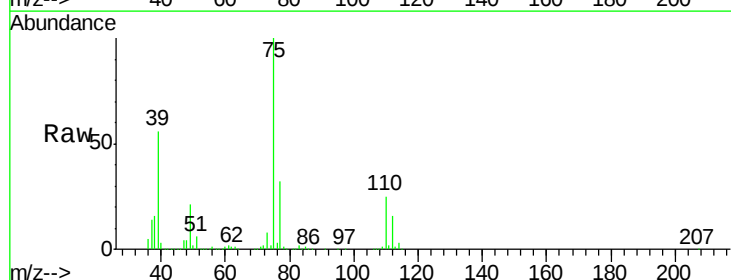
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#54
cis-1,3-Dichloropropene
Concen: 50.904 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion: 75 Resp: 231543
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 55.5 42.4 63.6





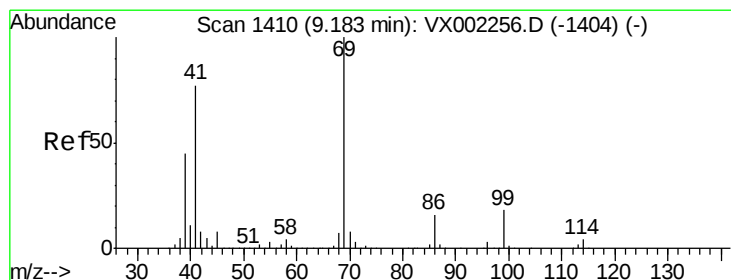
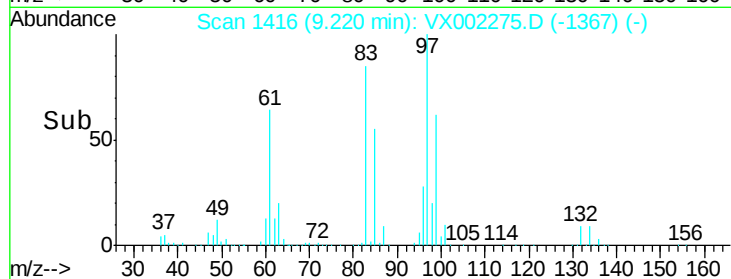
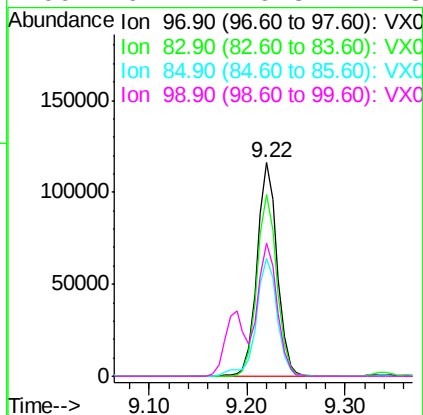
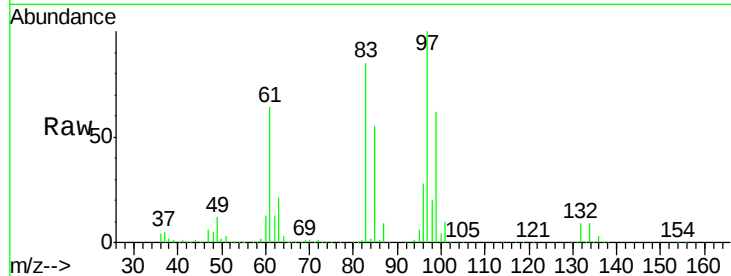
#55
 1,1,2-Trichloroethane
 Concen: 51.976 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002275.D
 Acq: 04 Jun 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	165146
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.2	105.2
85	54.9	44.9	67.3
99	62.1	49.8	74.8

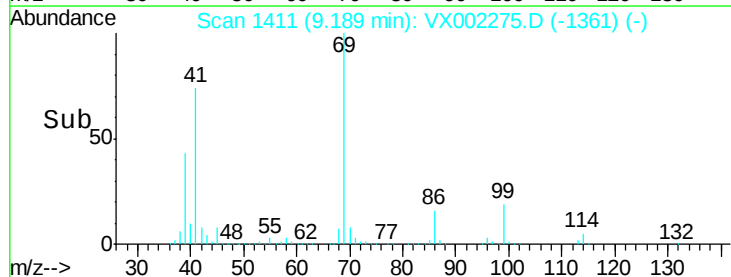
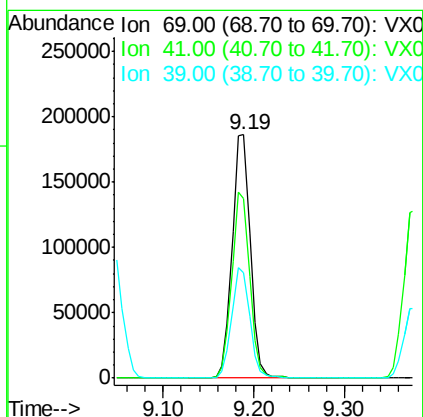
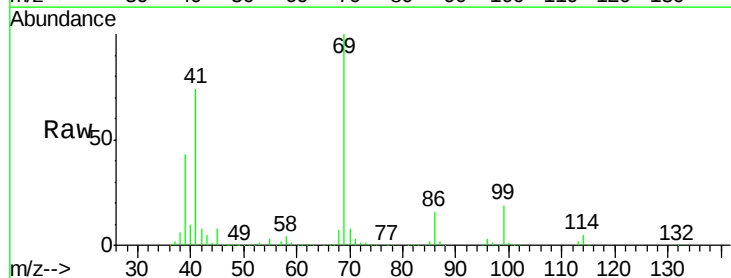
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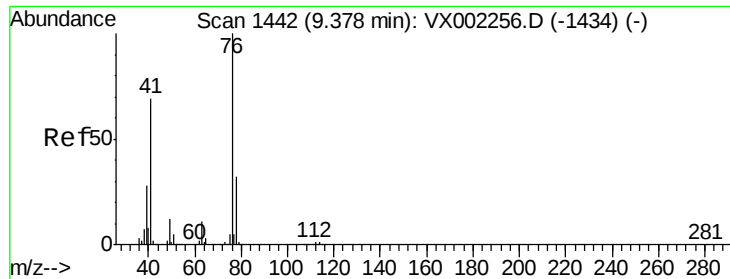
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#56
 Ethyl methacrylate
 Concen: 51.372 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002275.D
 Acq: 04 Jun 2018 22:20

Tgt Ion:	69	Resp:	260596
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.3	90.5
39	45.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 51.223 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 273039

Ion Ratio Lower Upper

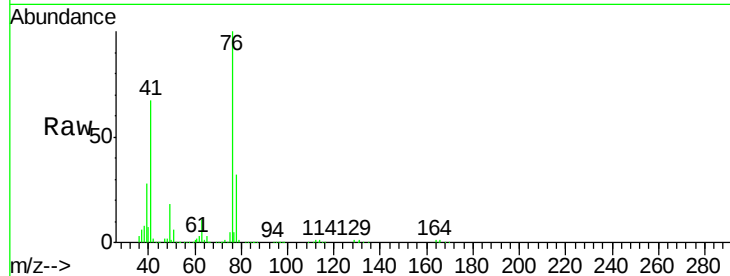
76 100

78 32.5 25.8 38.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

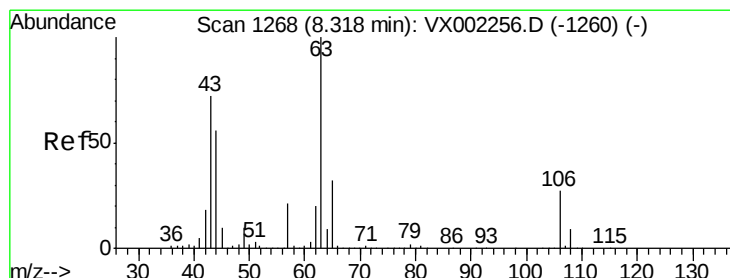
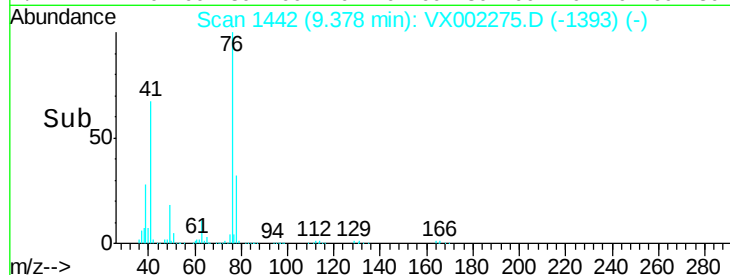
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 261.017 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002275.D

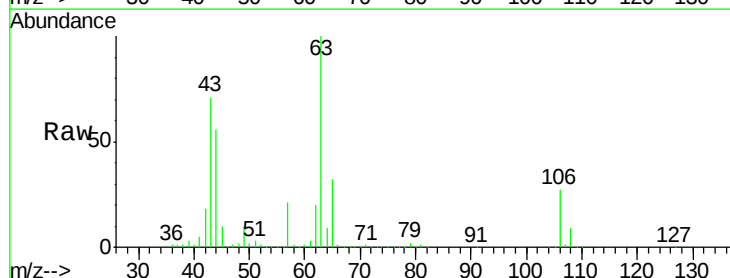
Acq: 04 Jun 2018 22:20

Tgt Ion: 63 Resp: 612829

Ion Ratio Lower Upper

63 100

106 27.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

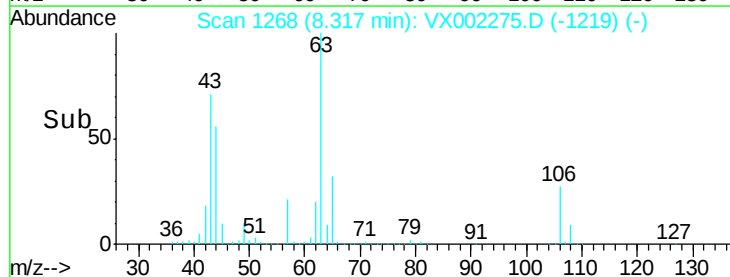
300000

200000

100000

0

Time-->





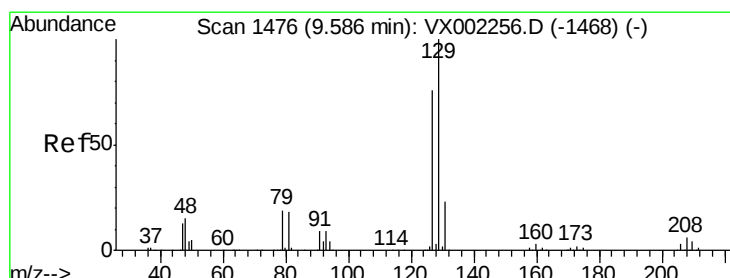
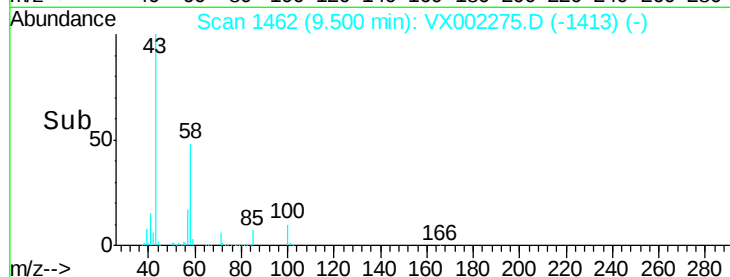
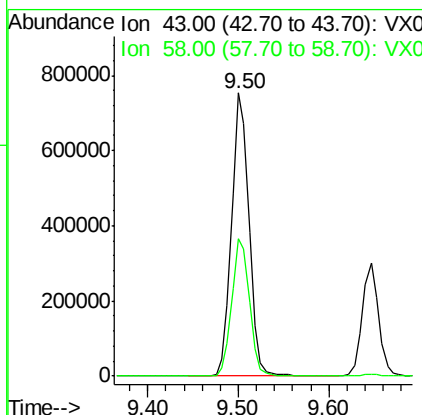
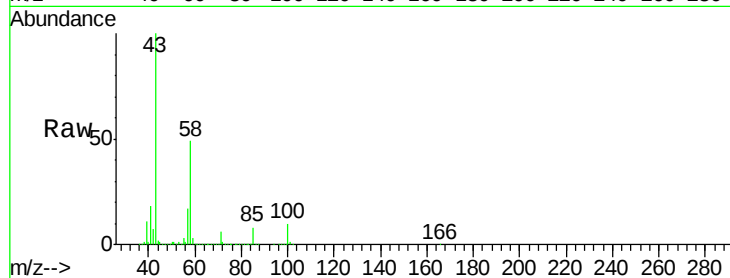
#59
2-Hexanone
Concen: 258.540 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1006306
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.6

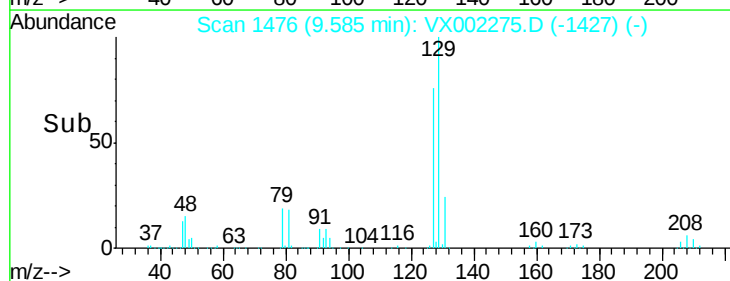
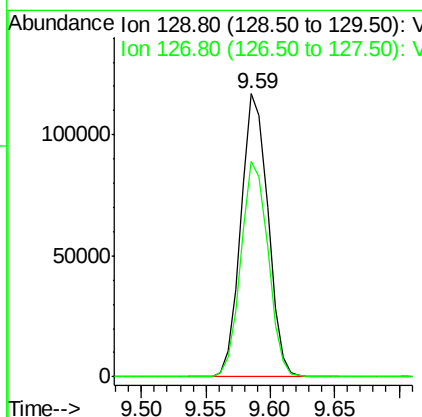
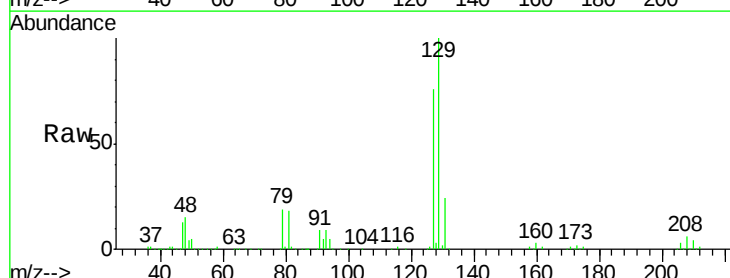
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#60
Dibromochloromethane
Concen: 53.135 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion: 129 Resp: 169815
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.651 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 174430

Ion Ratio Lower Upper

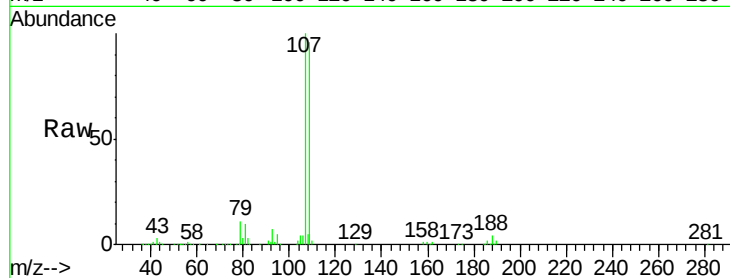
107 100

109 94.2 75.3 112.9

Manual Integrations
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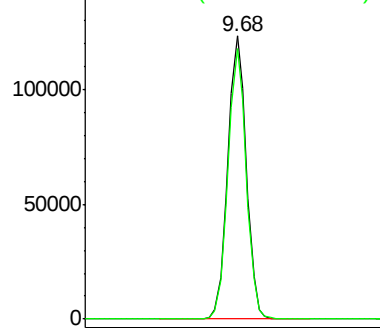
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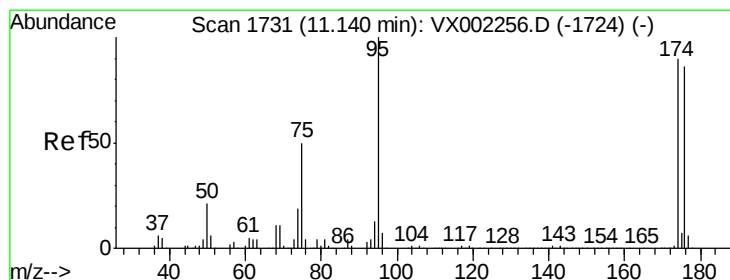
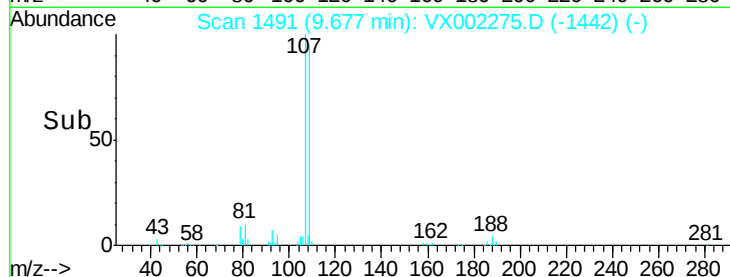


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.689 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

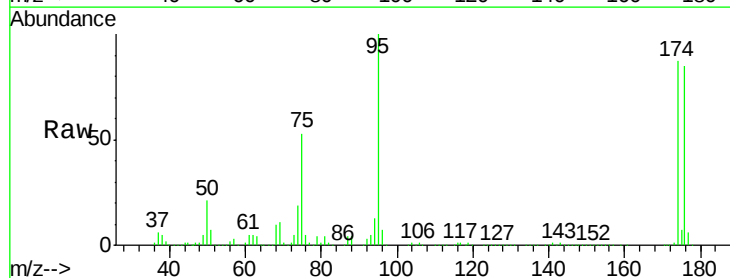
Tgt Ion: 95 Resp: 213251

Ion Ratio Lower Upper

95 100

174 92.8 0.0 187.4

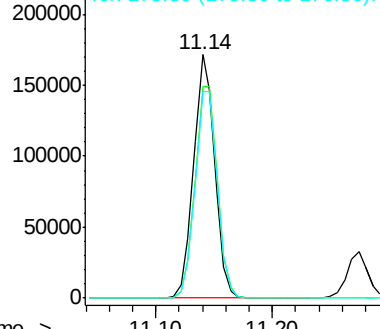
176 90.3 0.0 181.0



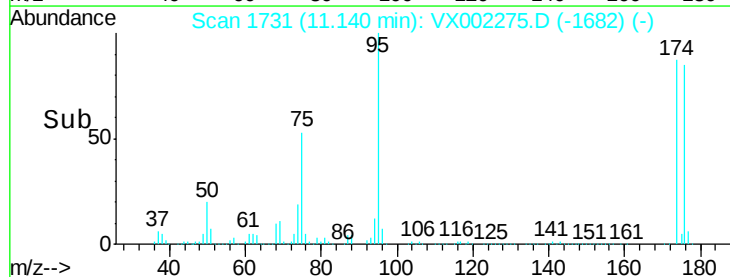
Abundance Ion 94.90 (94.60 to 95.60): VX0

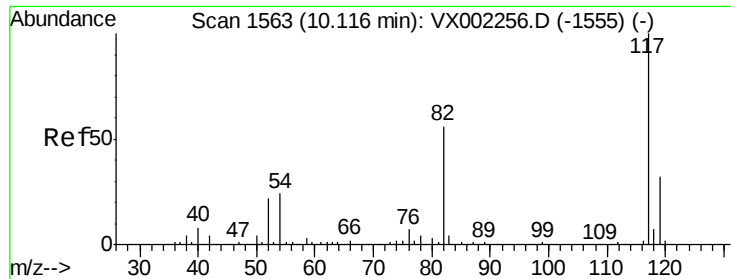
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





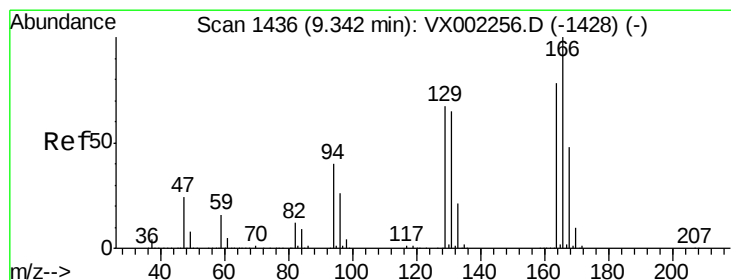
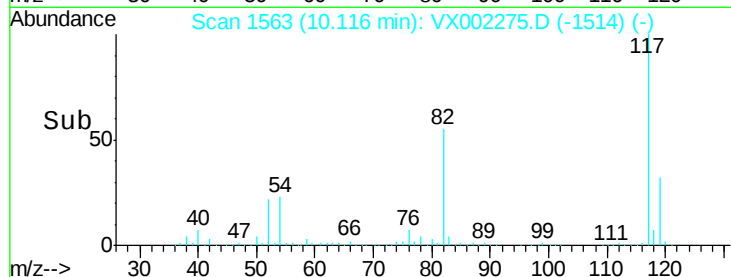
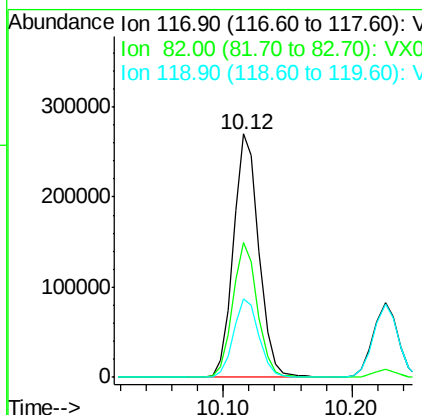
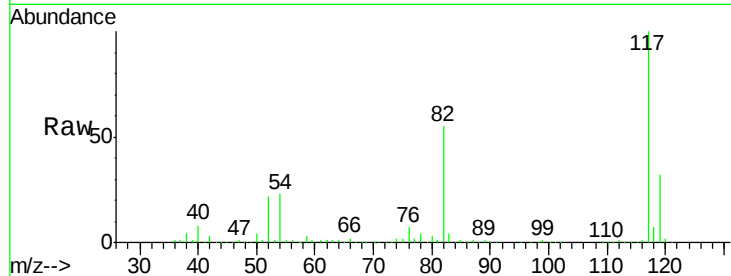
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	32.4	25.8	38.6

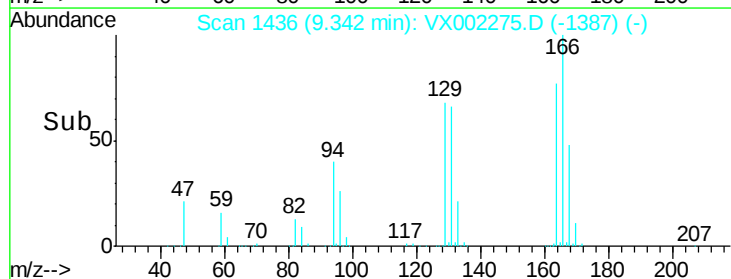
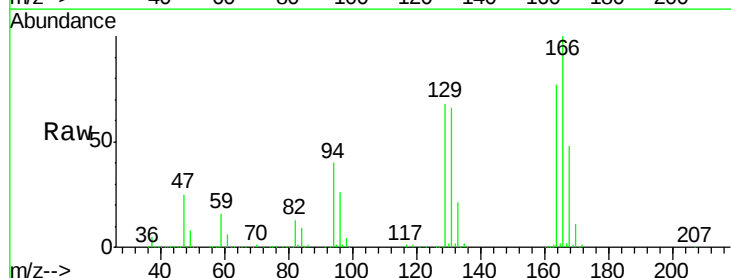
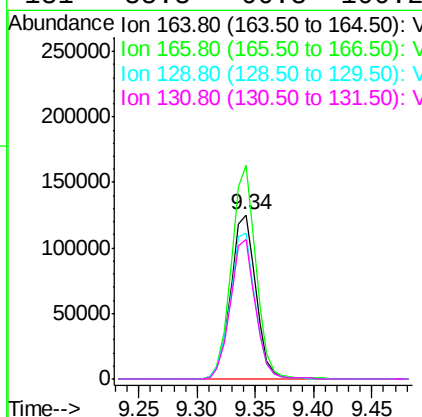
Manual Integrations
APPROVED

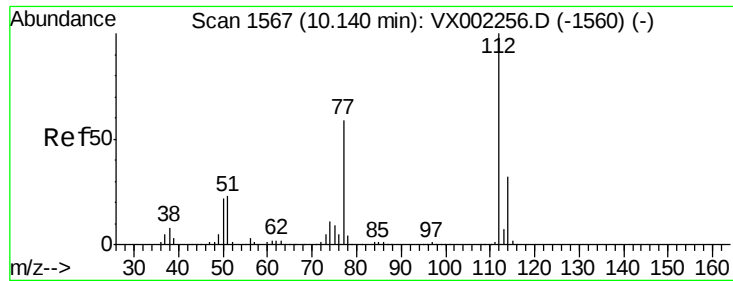
MMDadoda
6/5/2018 5:56:08 PM



#64
Tetrachloroethene
Concen: 49.147 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.9	154.3
129	88.7	68.6	102.8
131	85.3	66.8	100.2





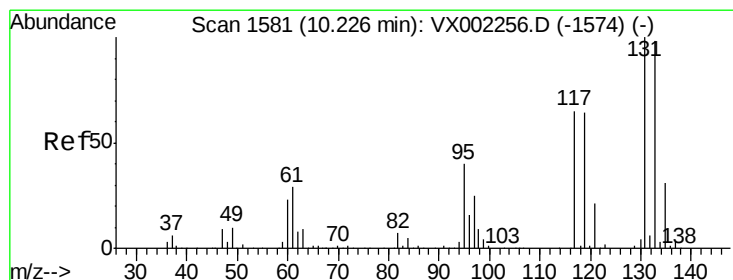
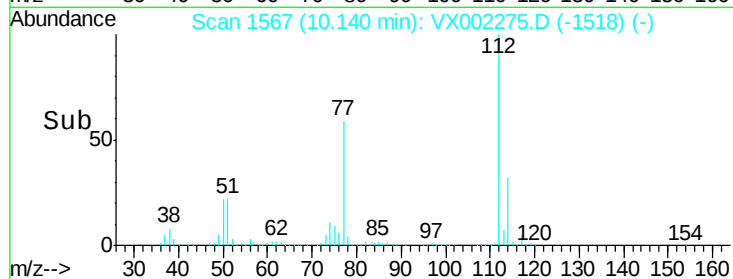
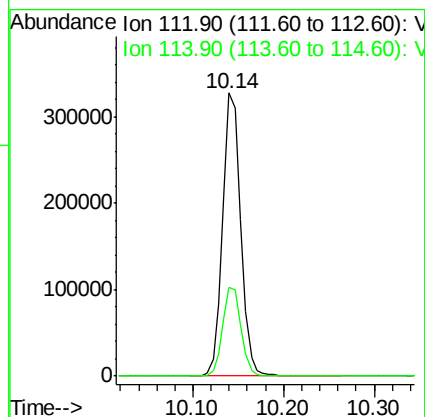
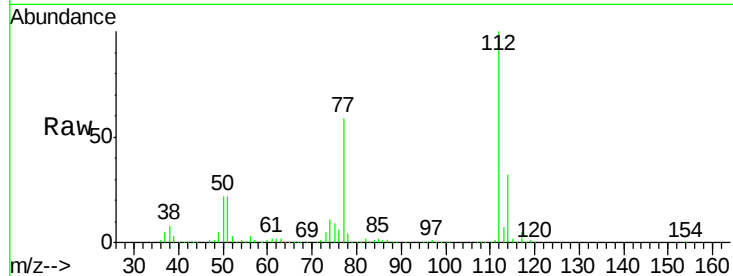
#65
Chlorobenzene
Concen: 49.524 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 457571
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

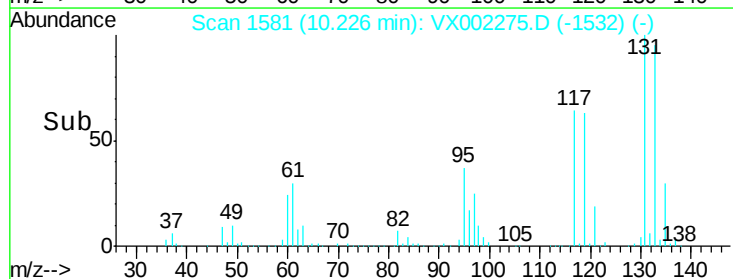
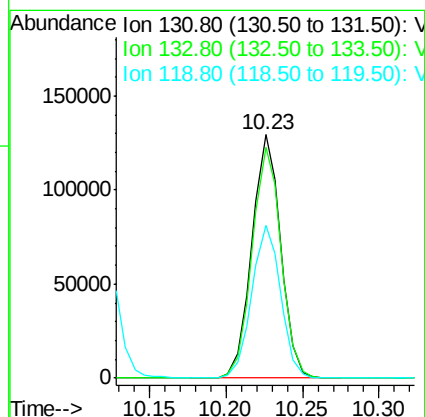
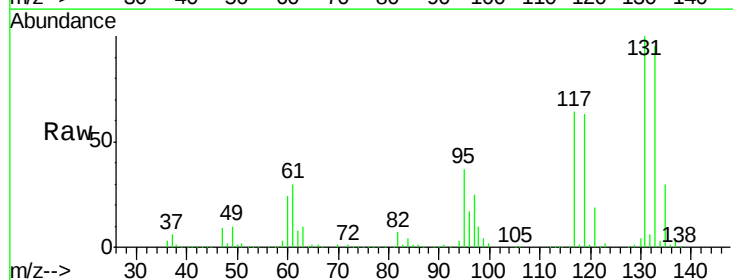
Manual Integrations
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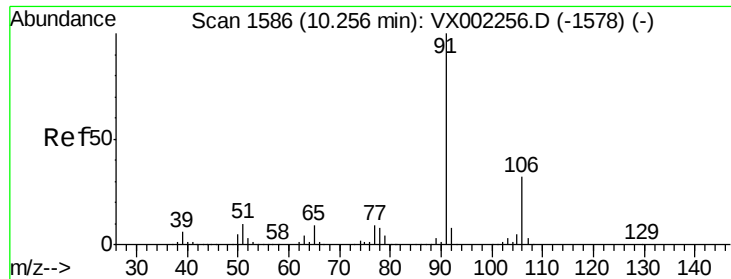
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.458 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion:131 Resp: 168807
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 63.3 31.8 95.3





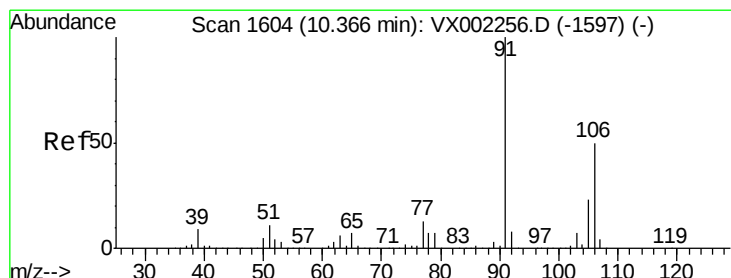
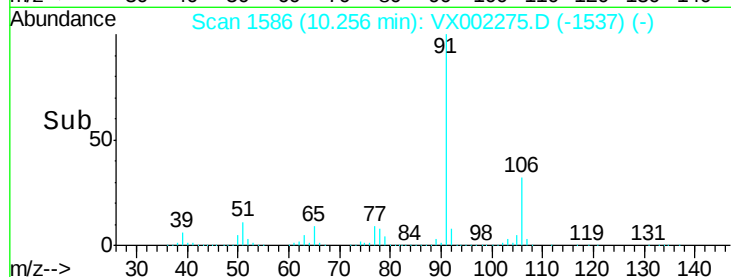
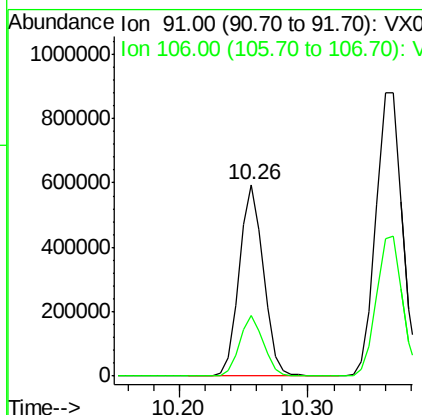
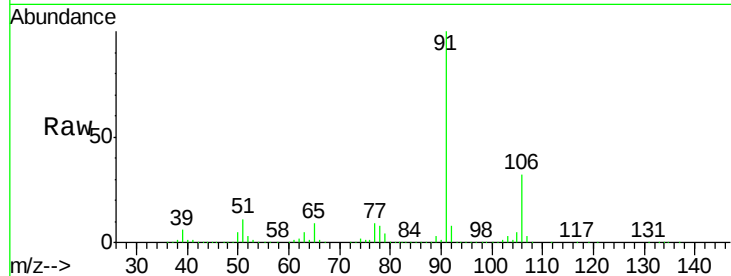
#67
Ethyl Benzene
Concen: 50.086 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 774445
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

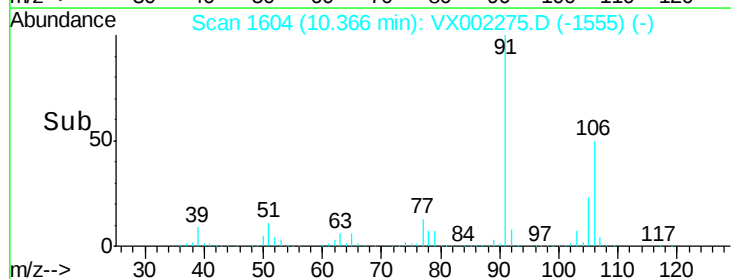
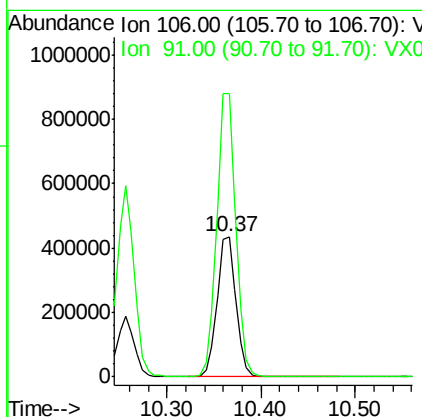
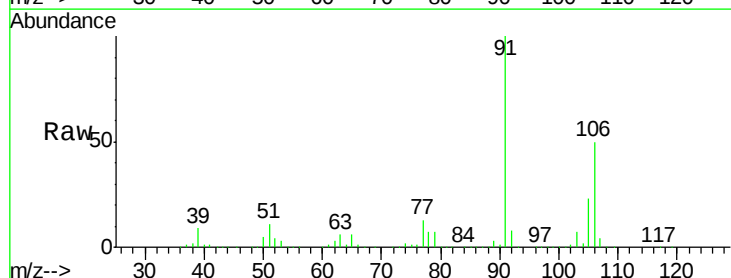
Manual Integrations
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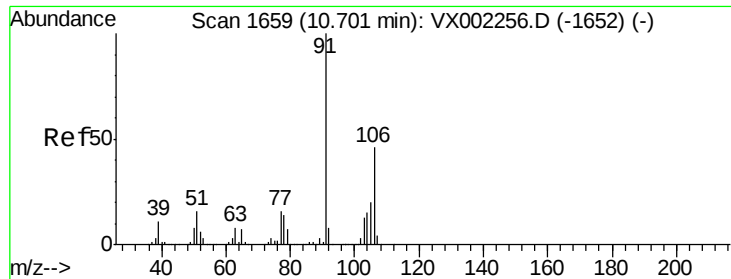
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#68
m/p-Xylenes
Concen: 100.485 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion: 106 Resp: 603972
Ion Ratio Lower Upper
106 100
91 204.2 163.4 245.2





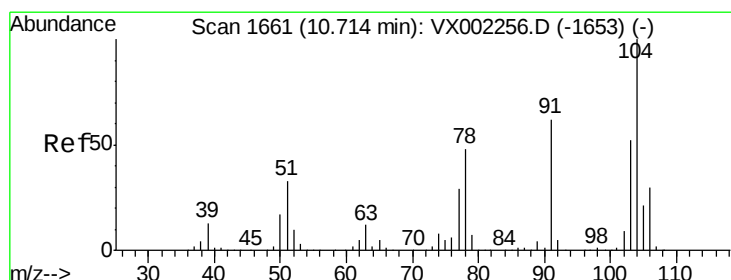
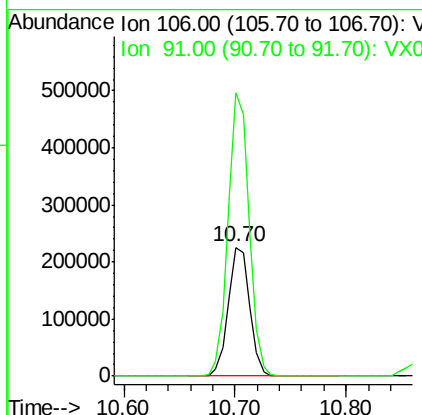
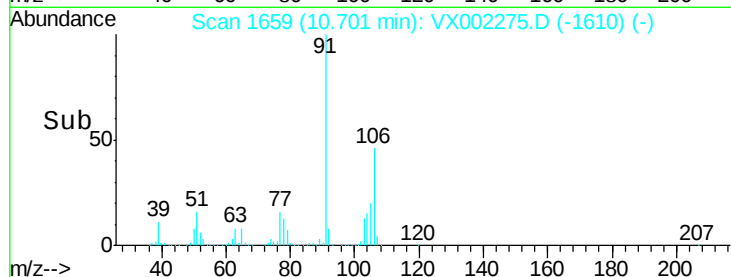
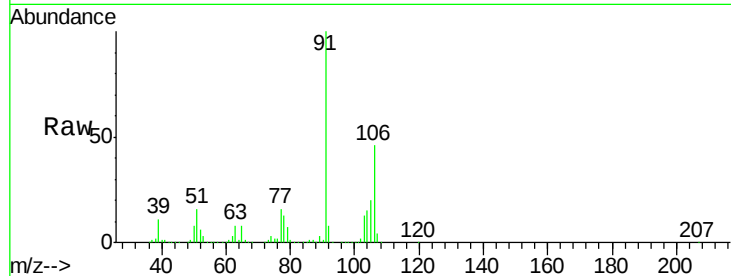
#69
o-Xylene
Concen: 50.388 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	301395		
91	91	215.2	108.2	324.6	

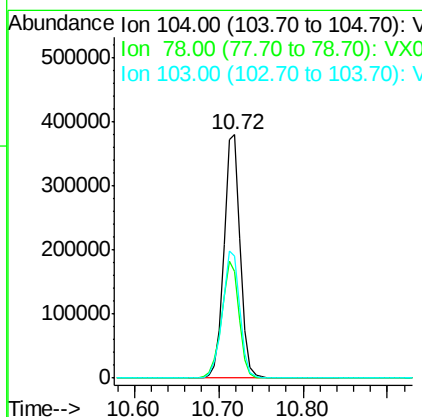
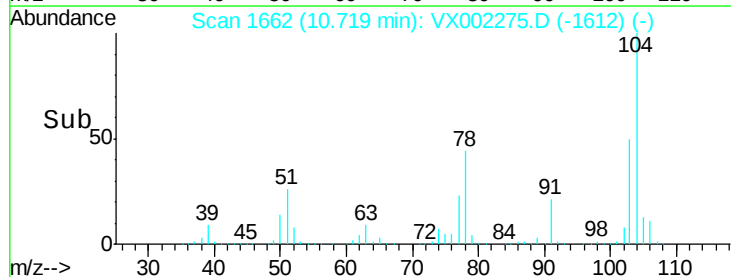
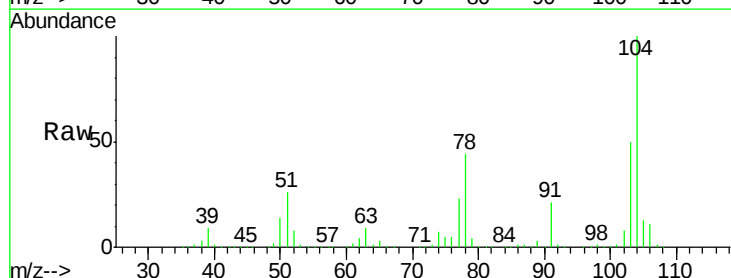
Manual Integrations
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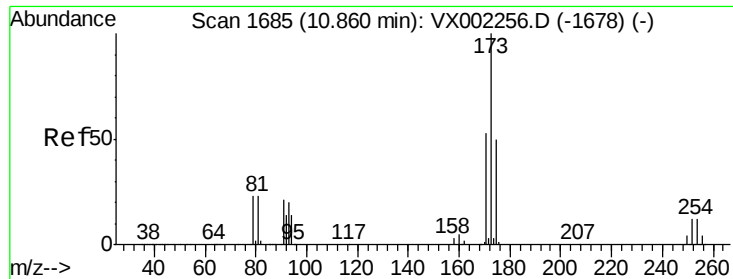
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#70
Styrene
Concen: 51.755 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	506078		
78	78	51.6	41.0	61.6	
103	103	56.2	44.2	66.4	





#71

Bromoform

Concen: 44.687 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 132706

Ion Ratio Lower Upper

173 100

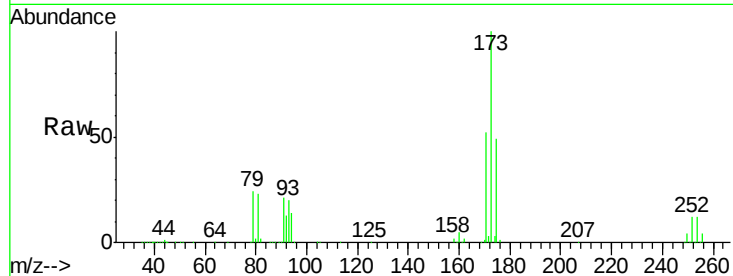
175 49.1 24.7 74.1

254 0.2 0.2 0.2

Manual Integrations
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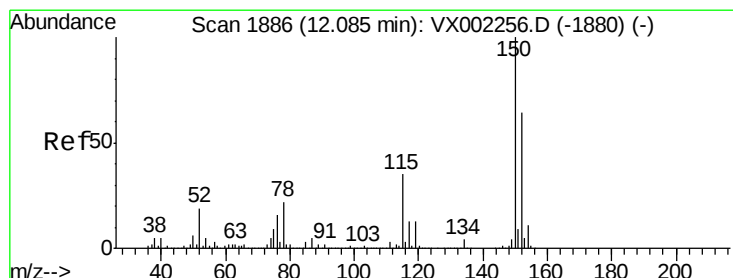
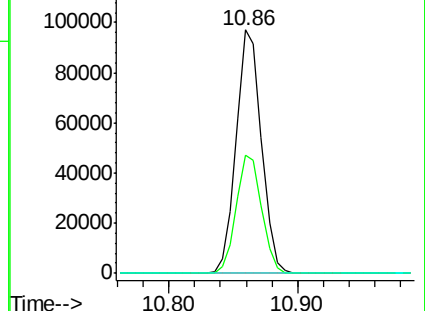
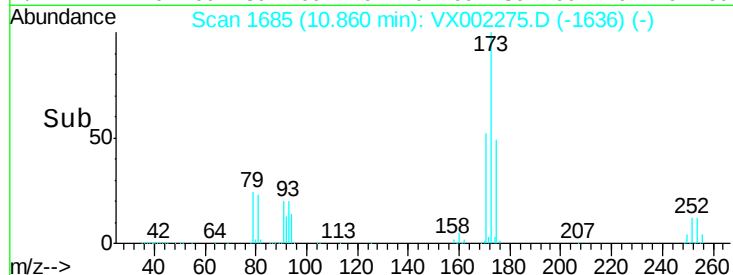
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

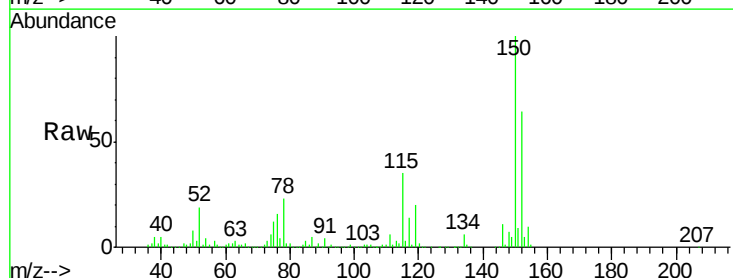
Tgt Ion:152 Resp: 235472

Ion Ratio Lower Upper

152 100

115 79.1 40.1 120.2

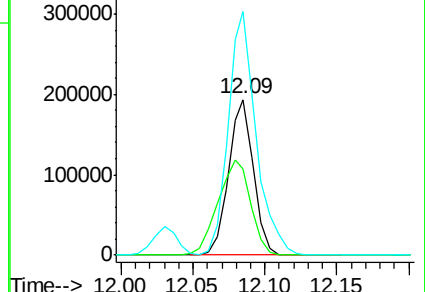
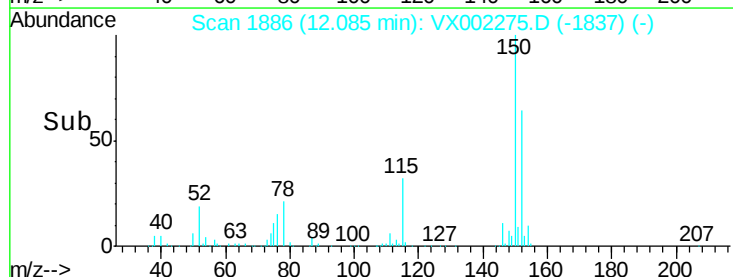
150 174.7 0.0 347.2

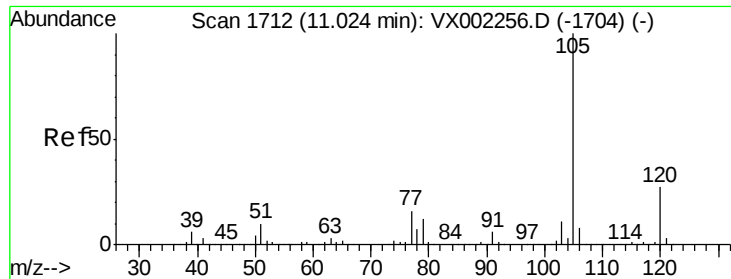


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





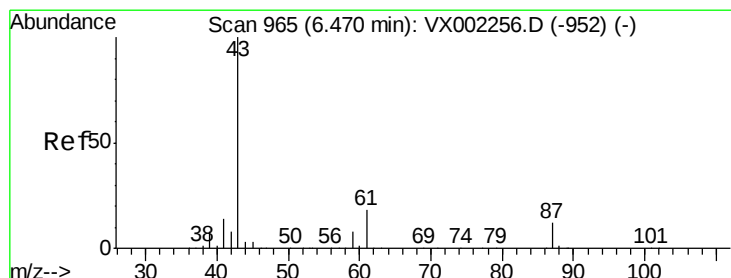
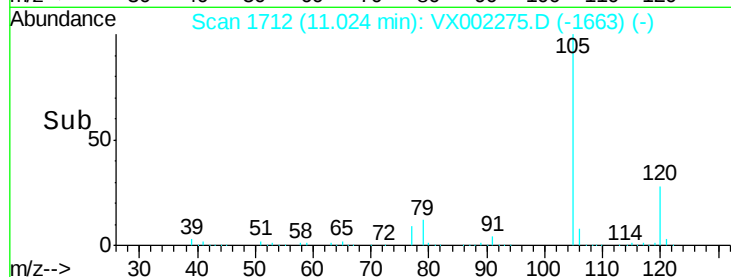
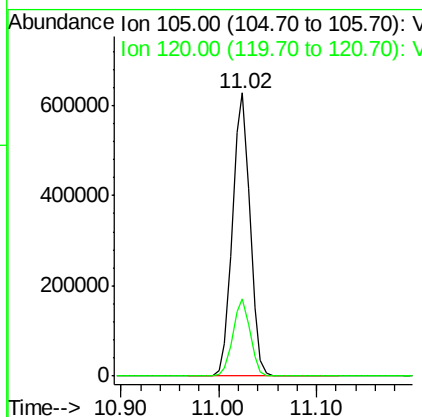
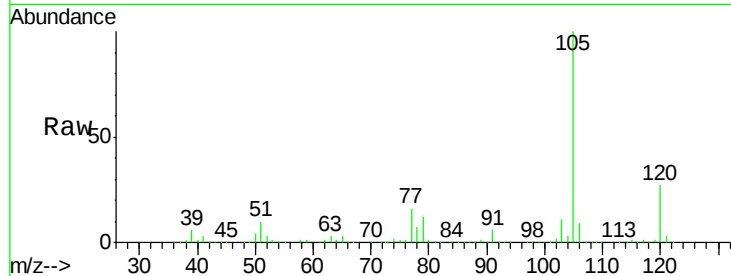
#73
Isopropylbenzene
Concen: 47.651 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 780552
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

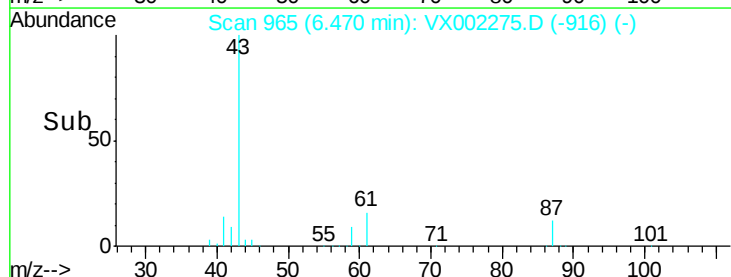
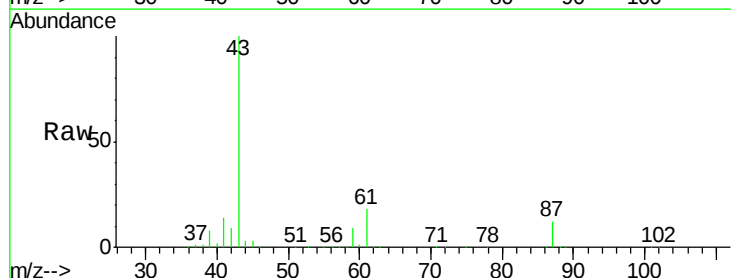
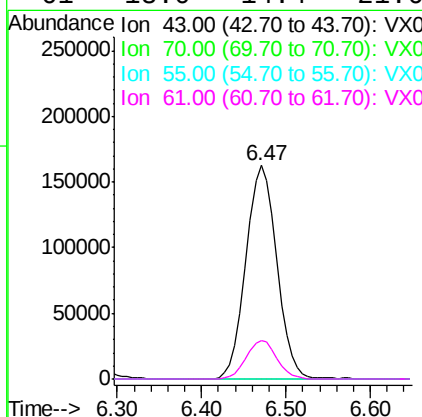
Manual Integrations
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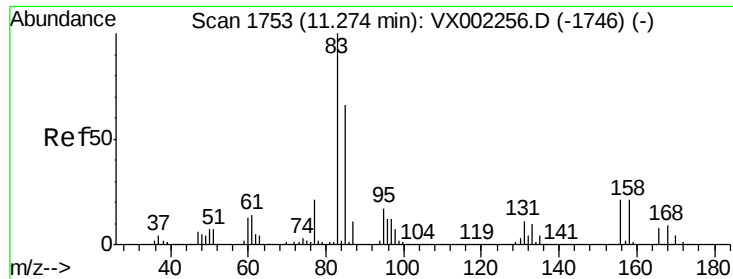
MMDadoda
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#74
N-ethyl acetate
Concen: 45.627 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion: 43 Resp: 402717
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.0 0.0#
61 18.0 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.355 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

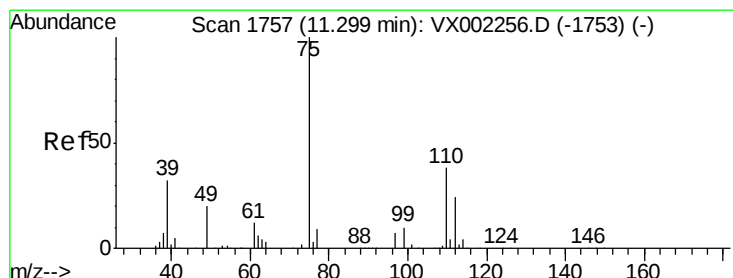
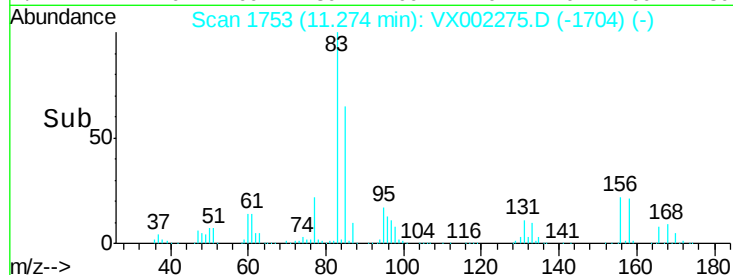
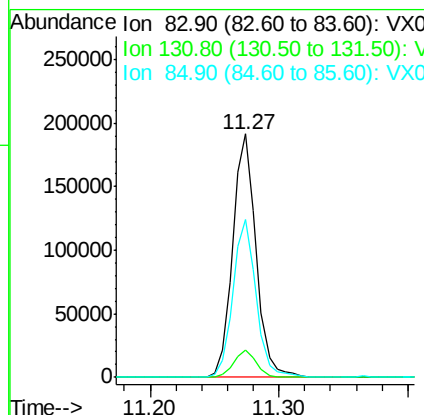
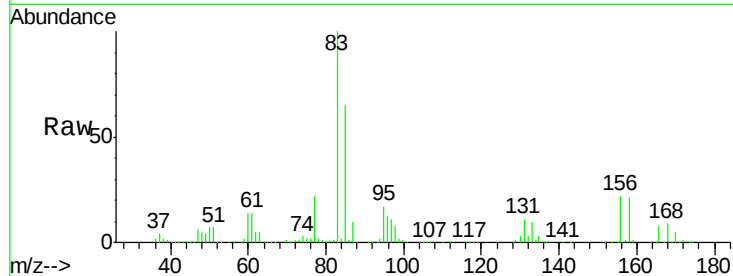
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	243968
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.4	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 48.104 ug/l m

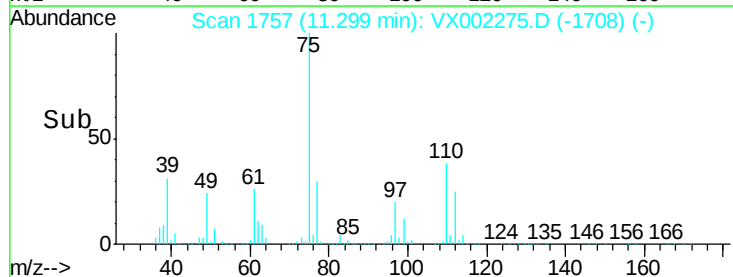
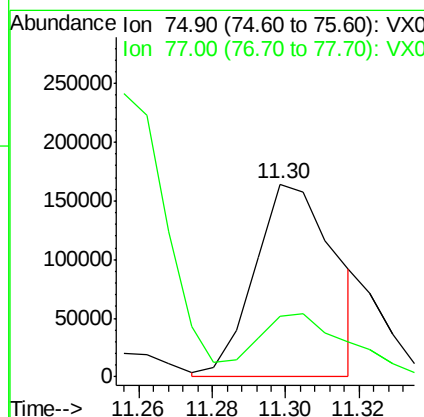
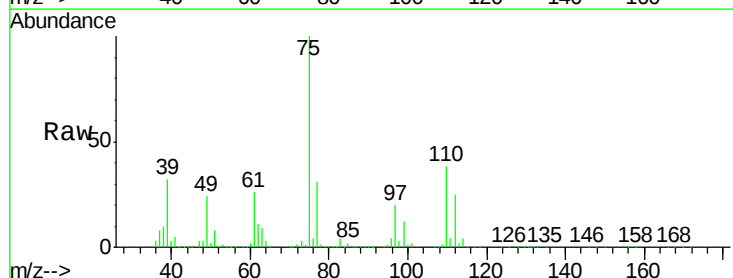
RT: 11.30 min Scan# 1757

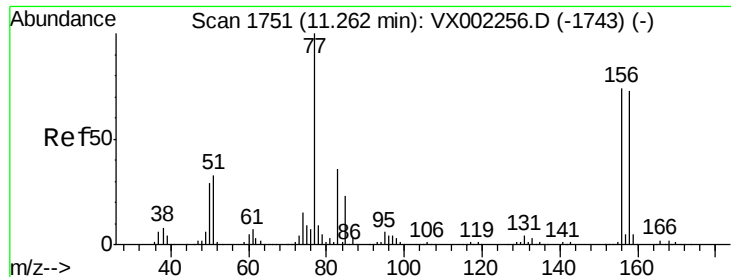
Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	75	Resp:	248547
Ion Ratio	Lower	Upper	
75	100		
77	38.3	22.8	68.3





#77

Bromobenzene

Concen: 48.884 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

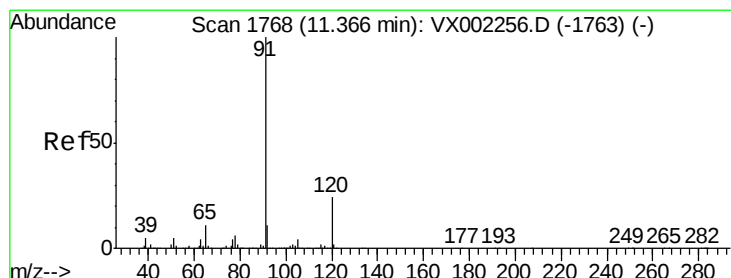
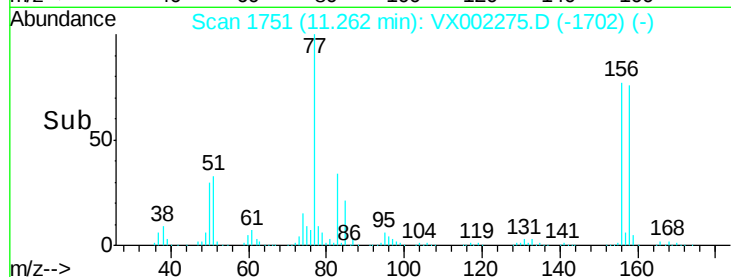
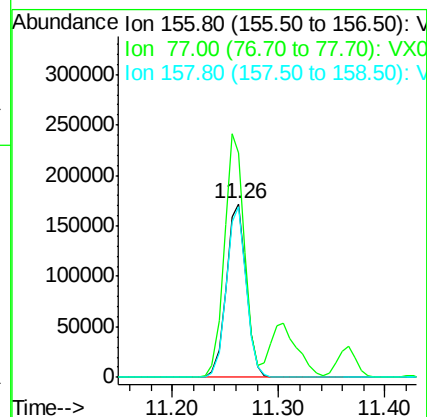
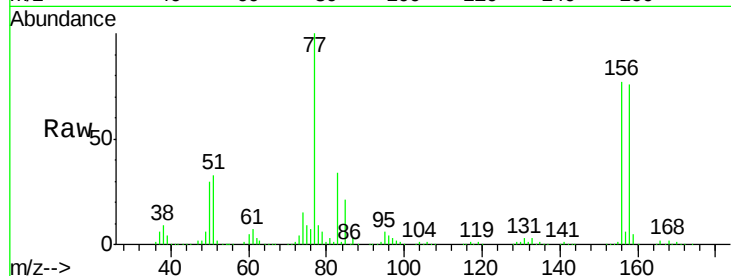
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	224802
Ion Ratio	Lower	Upper	
156	100		
77	140.3	71.4	214.2
158	97.6	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.708 ug/l

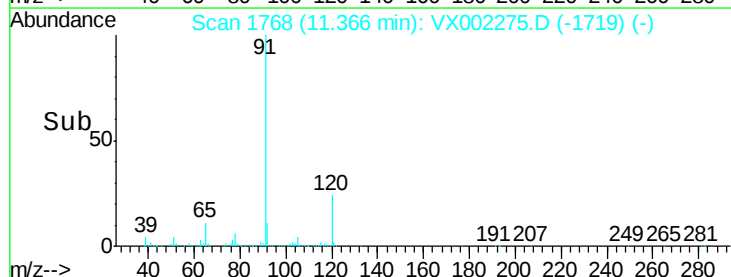
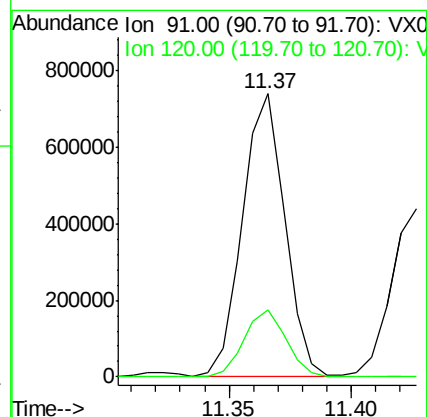
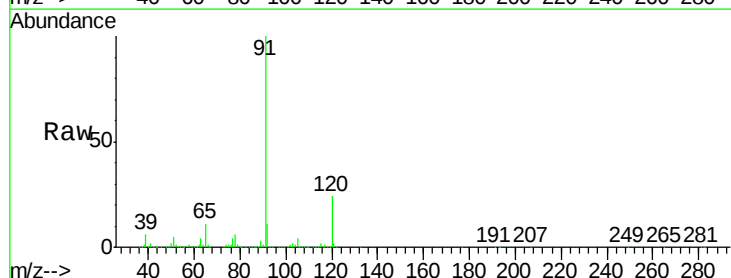
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	91	Resp:	886805
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 47.737 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 548797

Ion Ratio Lower Upper

91 100

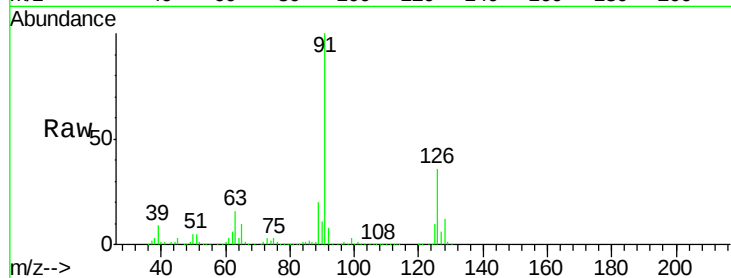
126 35.1 17.7 53.1

Manual Integrations

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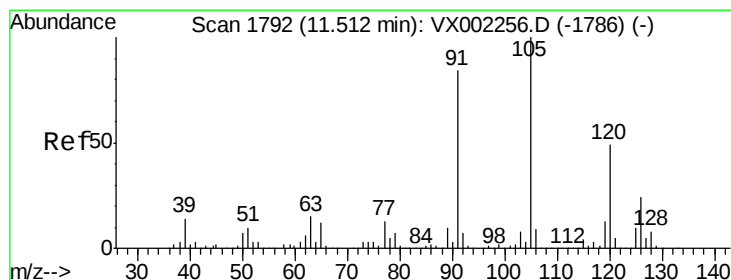
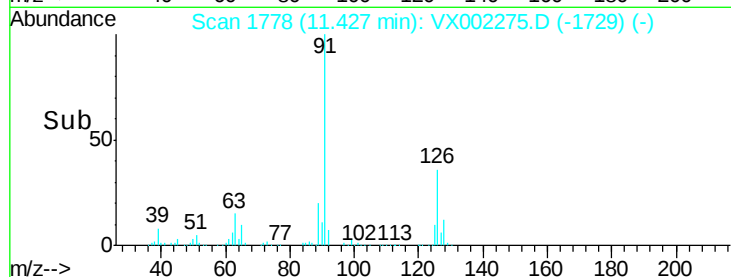
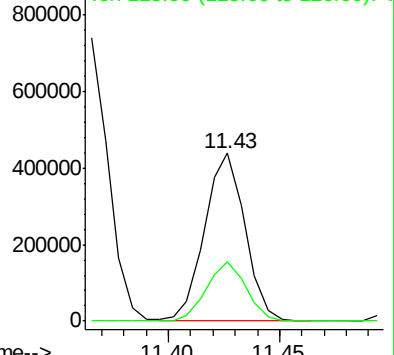
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.796 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002275.D

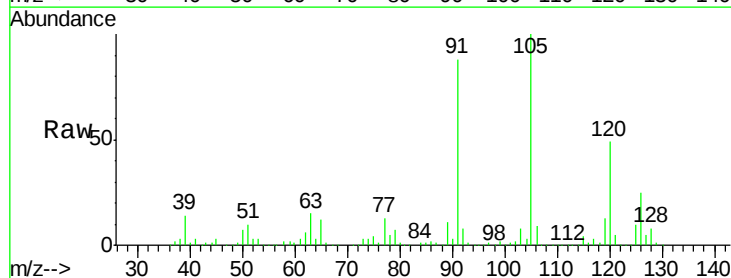
Acq: 04 Jun 2018 22:20

Tgt Ion: 105 Resp: 685584

Ion Ratio Lower Upper

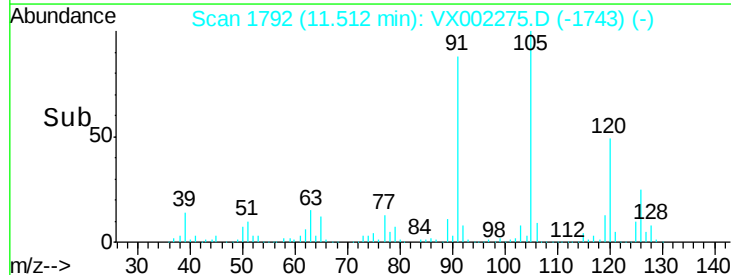
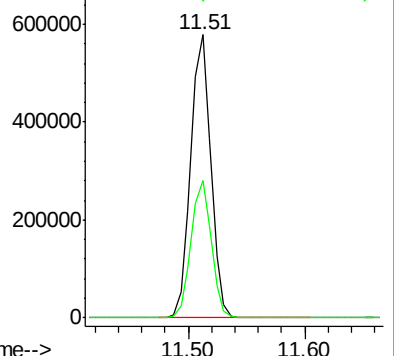
105 100

120 49.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





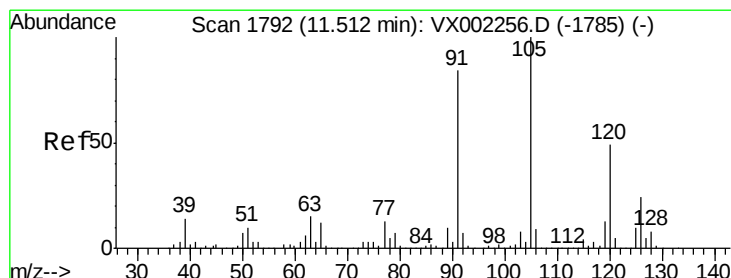
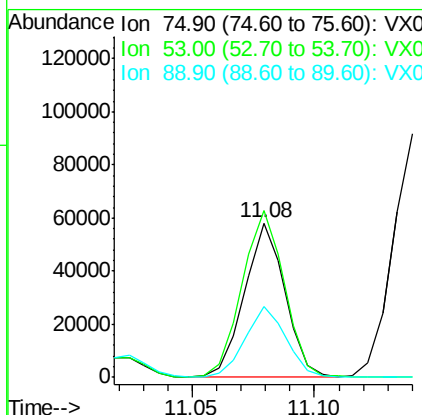
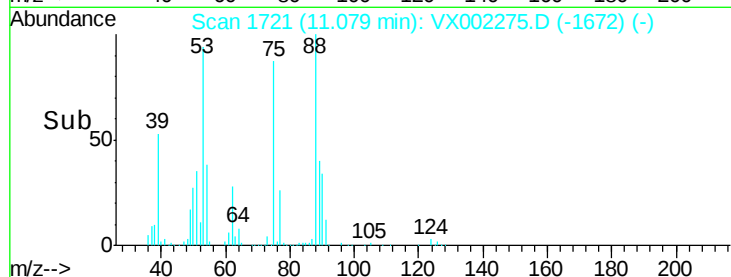
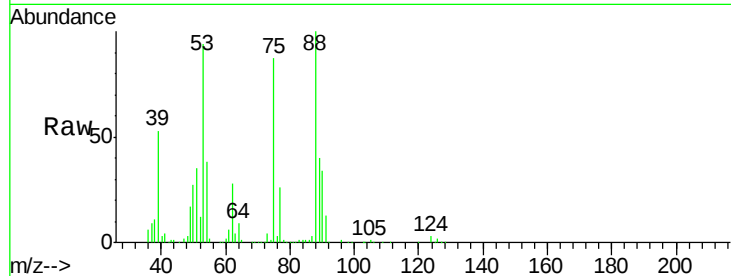
#81
trans-1,4-Dichloro-2-butene
Concen: 45.526 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.2	86.8	130.2
89	46.5	38.2	57.2

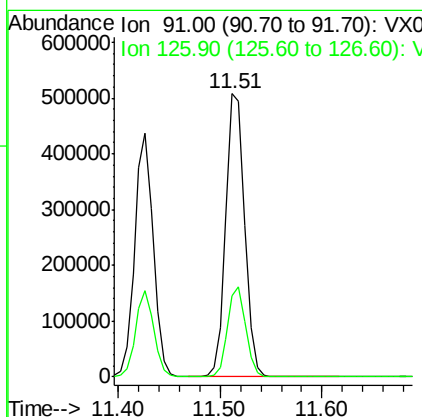
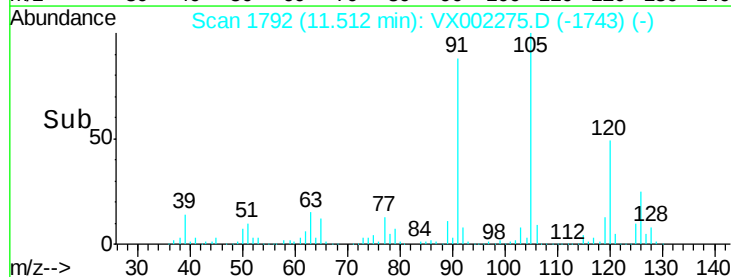
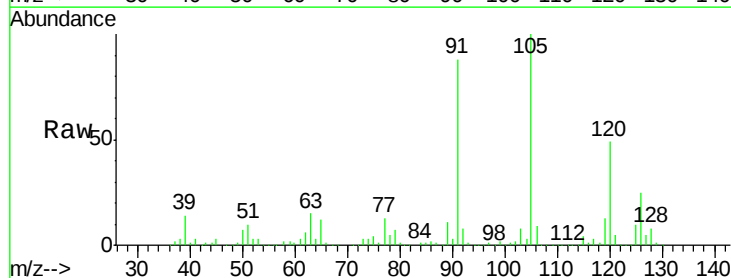
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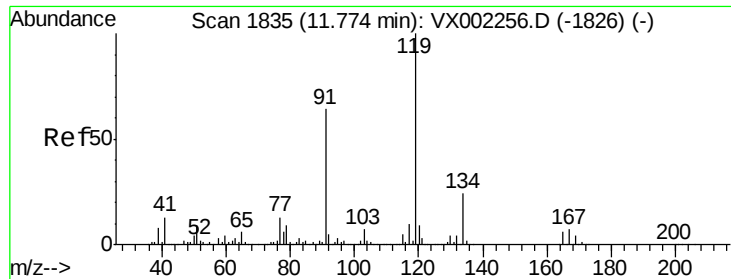
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#82
4-Chlorotoluene
Concen: 49.014 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.4





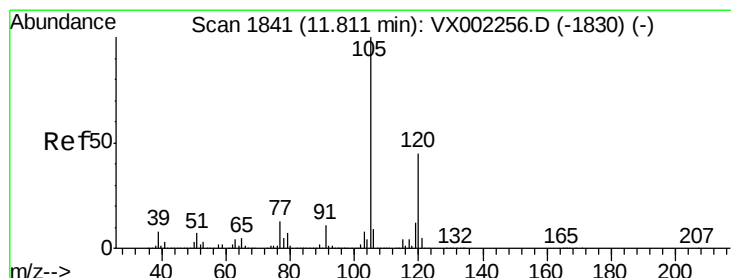
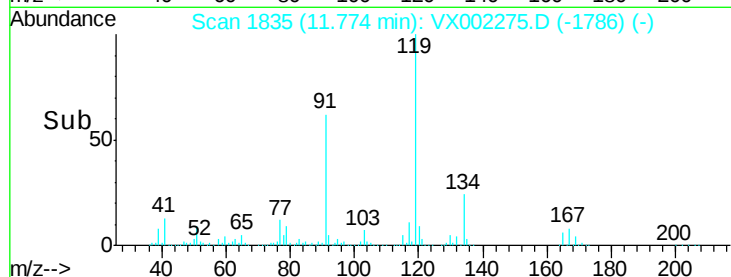
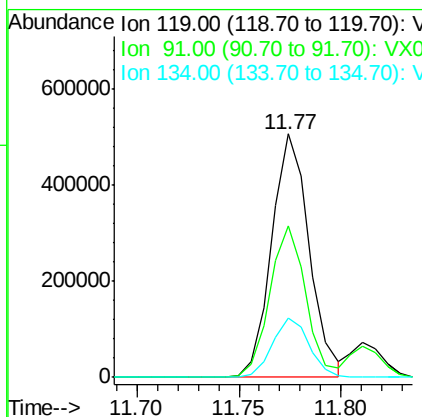
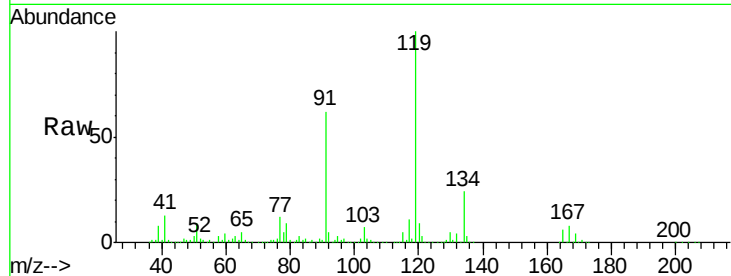
#83
tert-Butylbenzene
Concen: 47.552 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	650585		
91	60.1		30.3	90.9
134	23.8		11.7	35.1

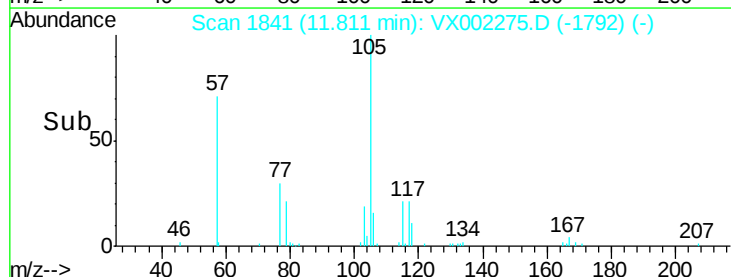
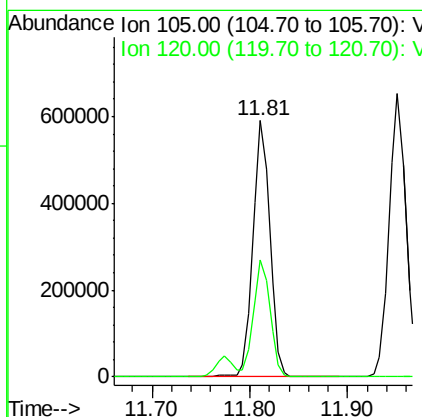
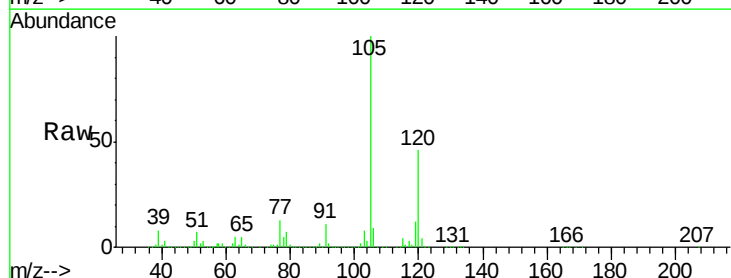
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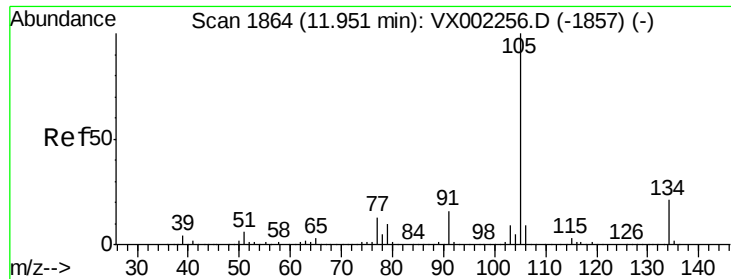
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#84
1,2,4-Trimethylbenzene
Concen: 49.382 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	714209		
120	44.4		22.3	66.8





#85

sec-Butylbenzene

Concen: 48.788 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 782536

Ion Ratio Lower Upper

105 100

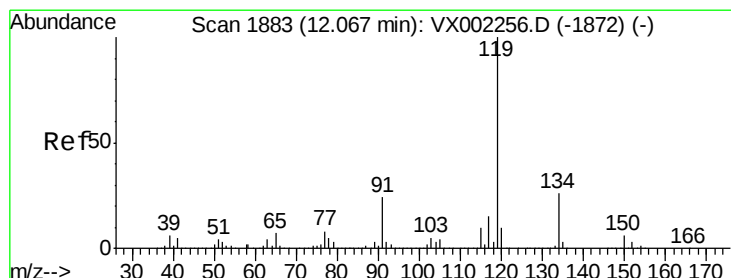
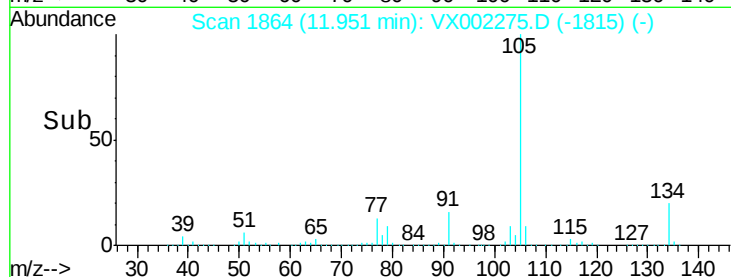
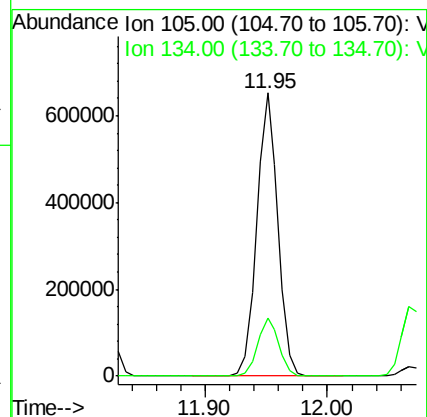
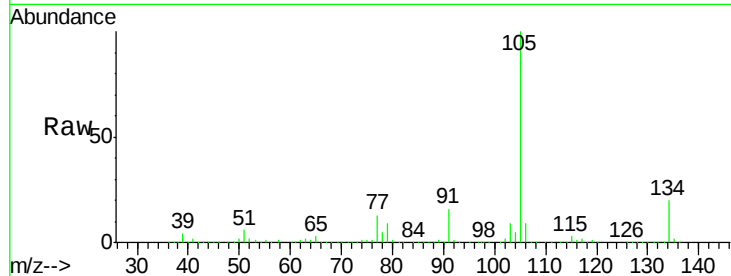
134 20.7 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 49.304 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

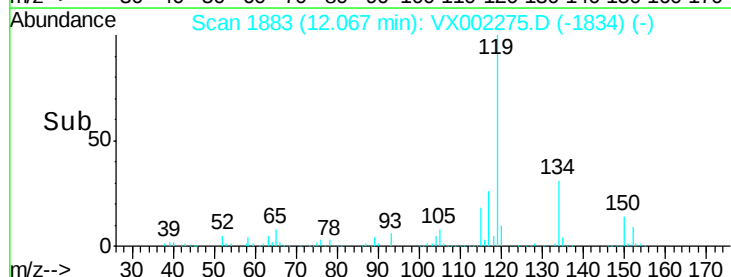
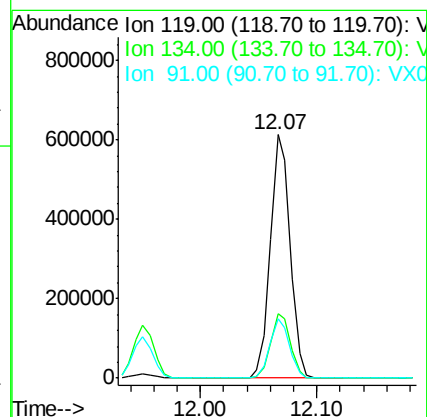
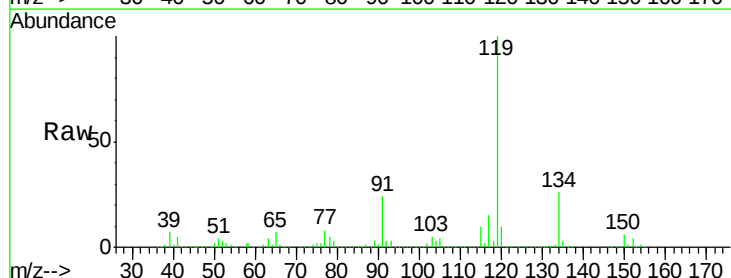
Tgt Ion:119 Resp: 720318

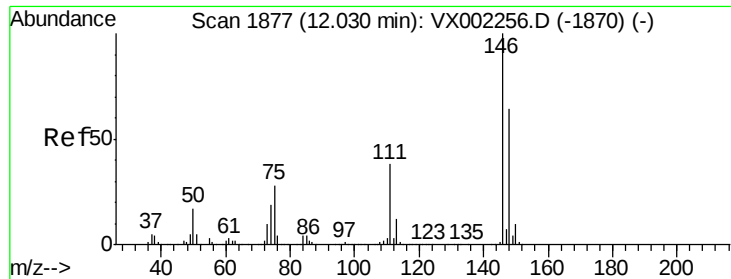
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 24.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 49.167 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

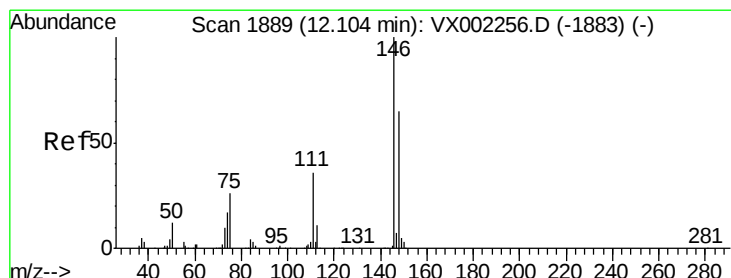
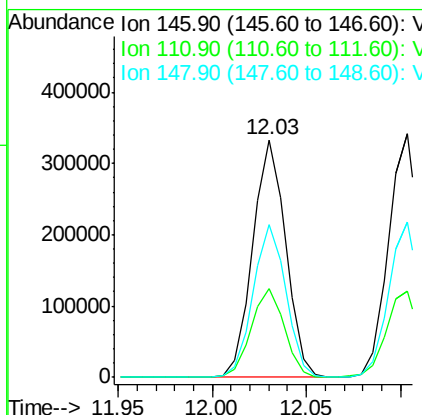
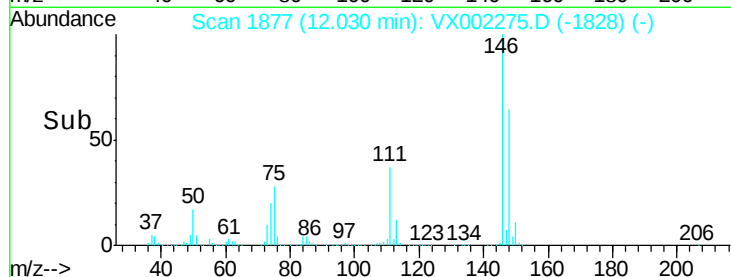
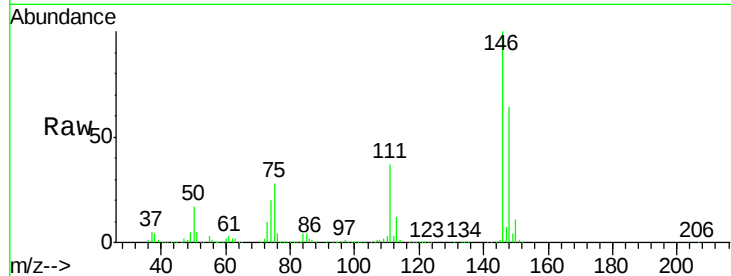
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	404279
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.9	56.7
148	64.0	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.603 ug/l

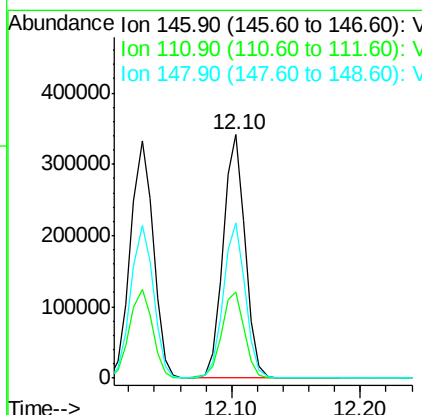
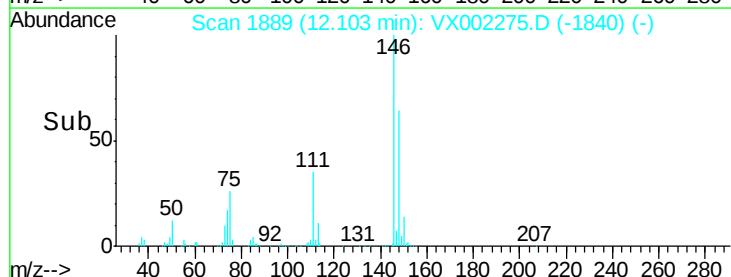
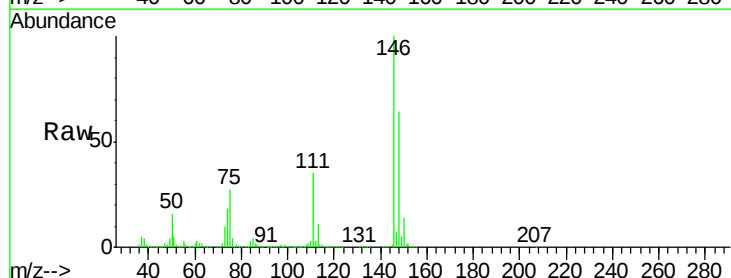
RT: 12.10 min Scan# 1889

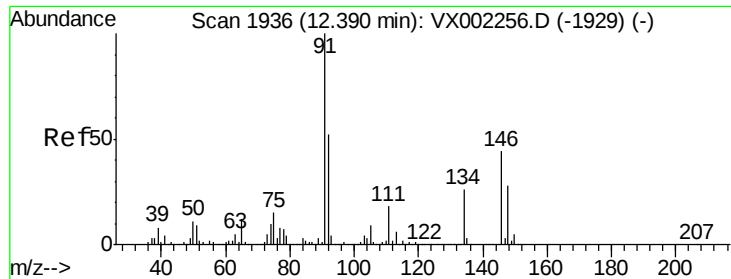
Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	146	Resp:	411925
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.7	56.1
148	63.7	32.4	97.0





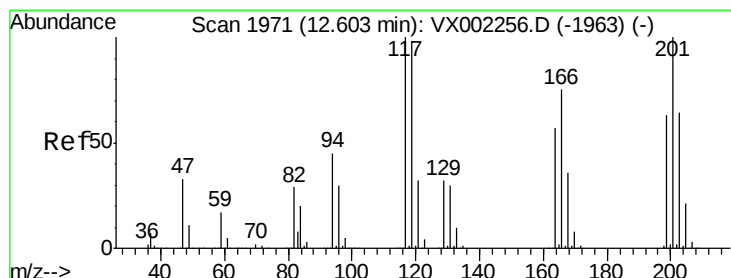
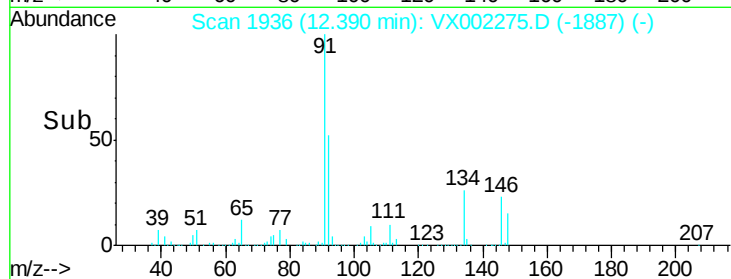
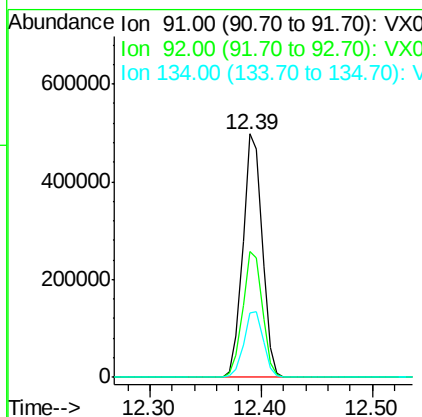
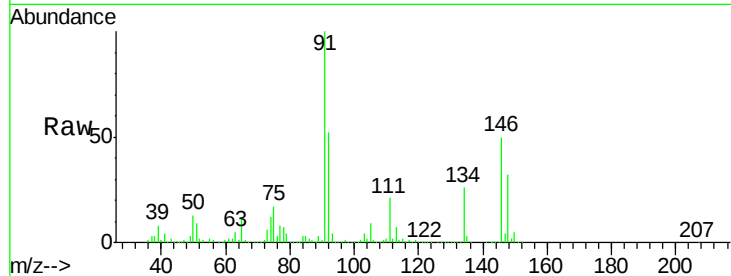
#89
n-Butylbenzene
Concen: 49.039 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.3	13.5	40.5

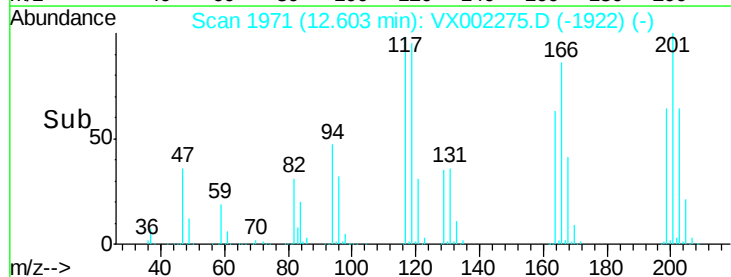
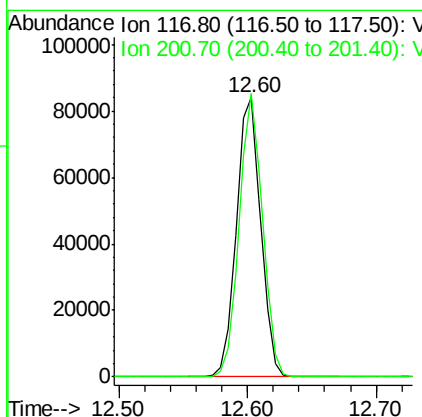
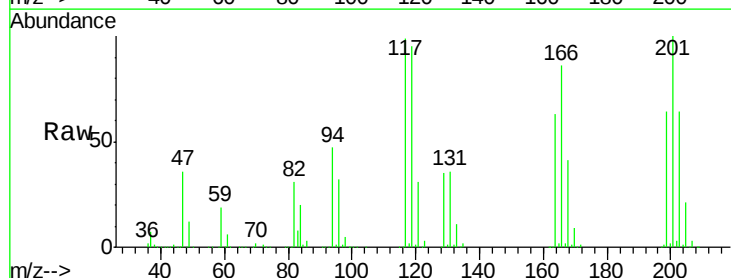
Manual Integrations
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#90
Hexachloroethane
Concen: 47.129 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002275.D
Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.8	49.0	147.0





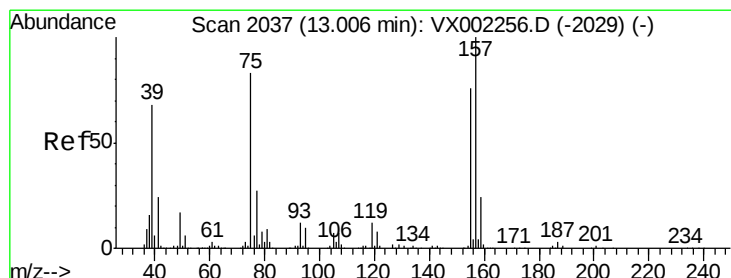
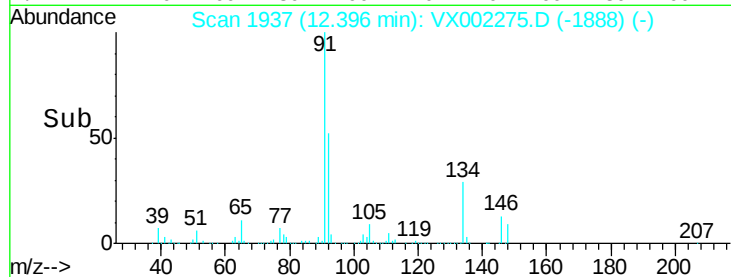
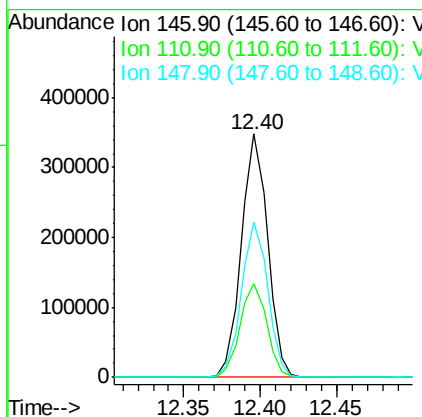
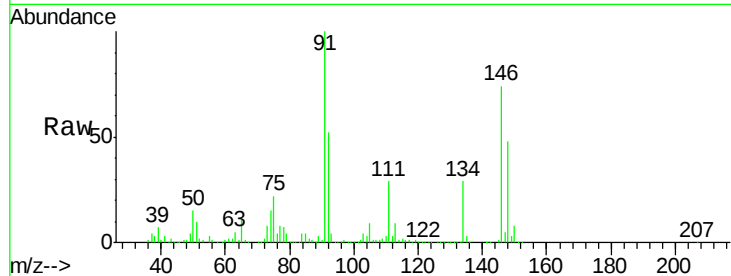
#91
 1,2-Dichlorobenzene
 Concen: 48.817 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002275.D
 Acq: 04 Jun 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	64.1	31.7	95.1

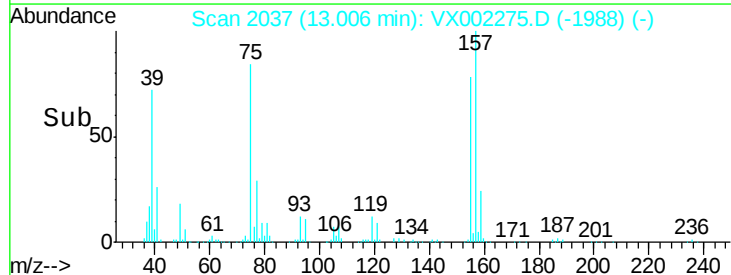
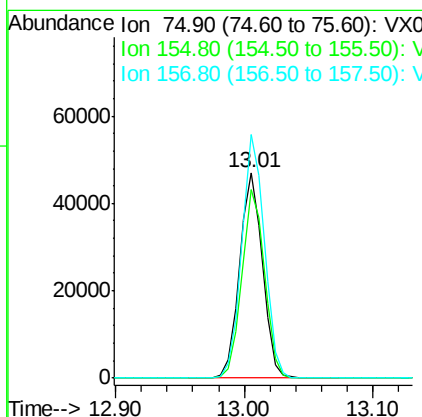
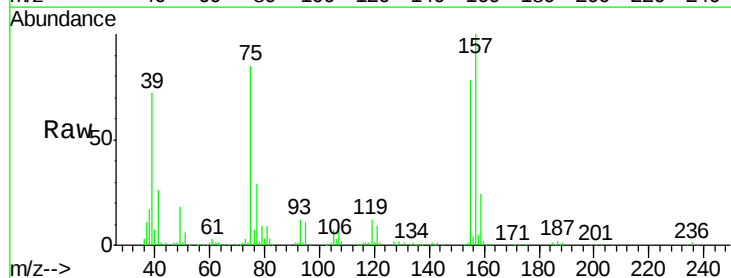
Manual Integrations
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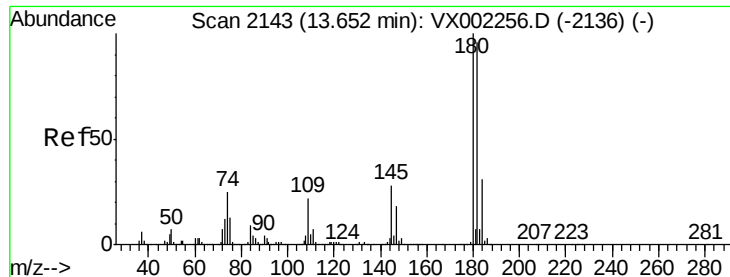
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.185 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002275.D
 Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	45.8	137.4
157	116.9	60.1	180.3





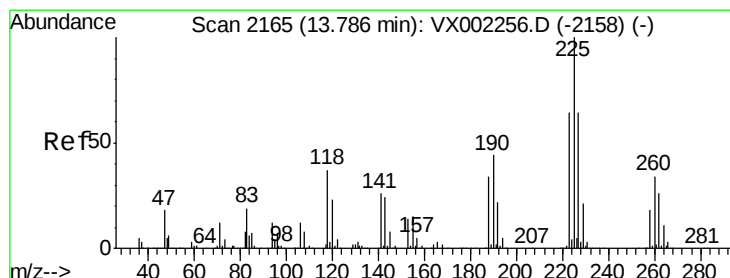
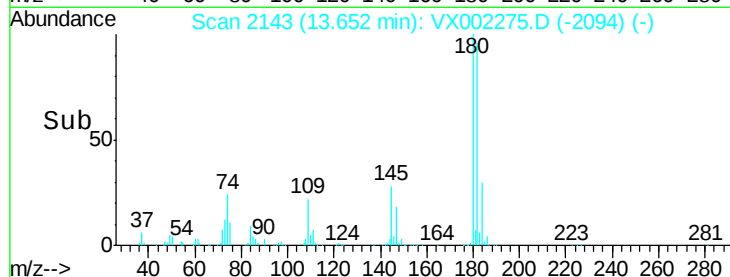
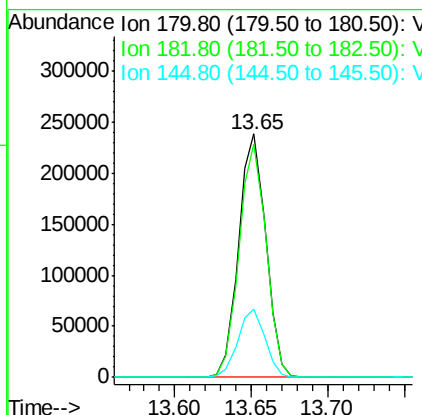
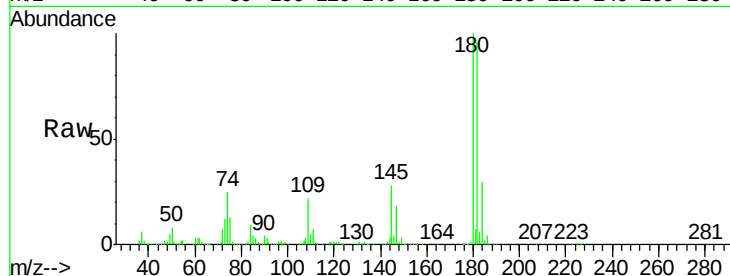
#93
 1,2,4-Trichlorobenzene
 Concen: 49.295 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002275.D
 Acq: 04 Jun 2018 22:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	294058		
182	95.4	47.7	143.1	
145	27.9	14.1	42.4	

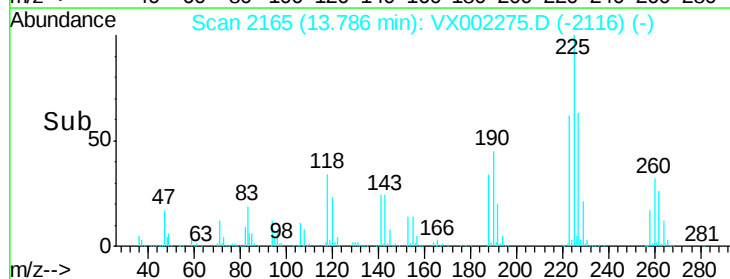
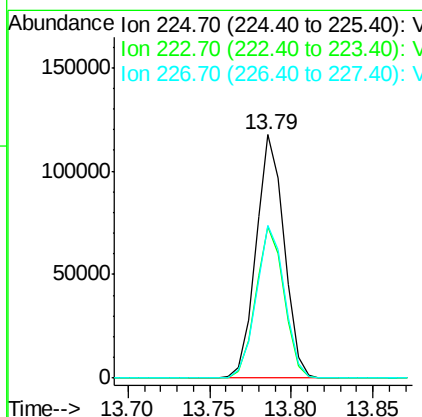
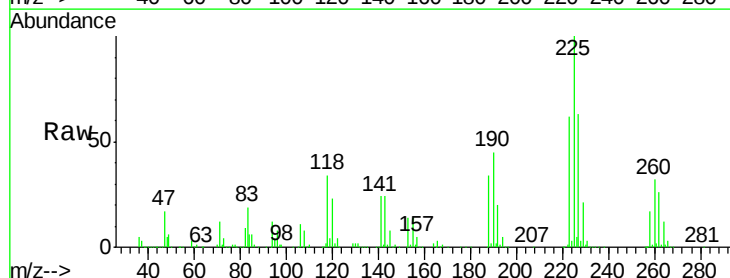
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 47.664 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002275.D
 Acq: 04 Jun 2018 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140502		
223	62.2	31.6	95.0	
227	63.1	32.4	97.2	





#95

Naphthalene

Concen: 50.785 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Instrument :

MSVOA_X

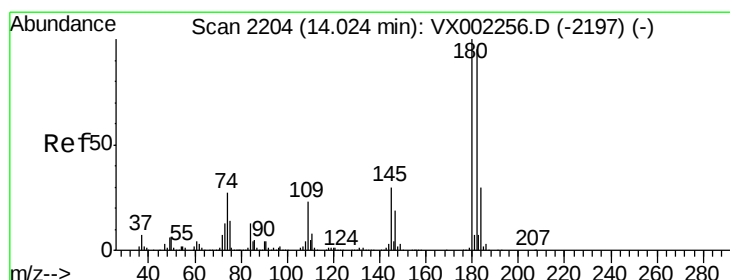
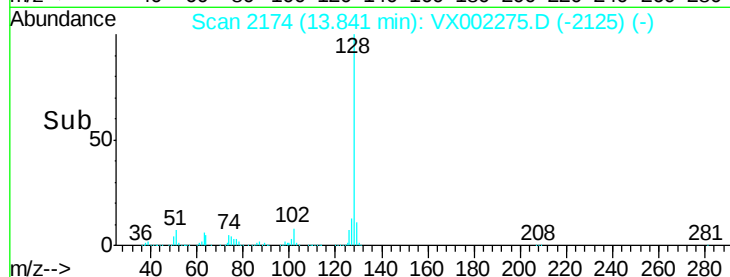
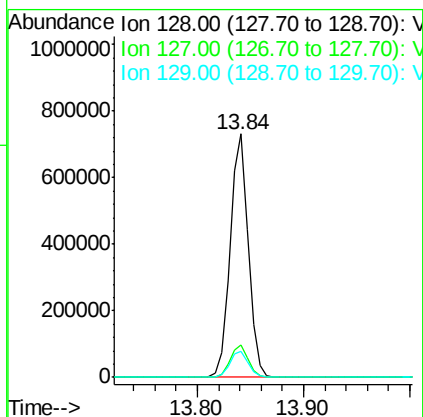
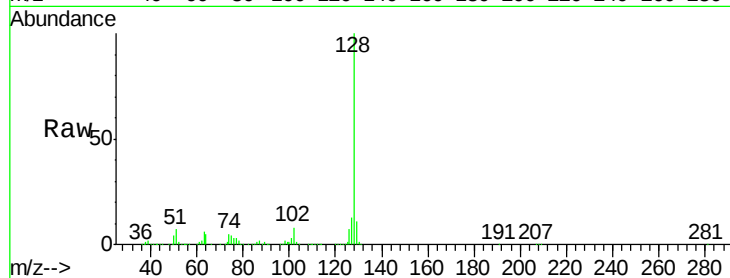
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	870424
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/5/2018 5:56:08 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.003 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002275.D

Acq: 04 Jun 2018 22:20

Tgt Ion:	180	Resp:	304207
Ion Ratio	Lower	Upper	
180	100		
182	96.7	48.0	144.0
145	29.7	14.8	44.3

