

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001573.D
 Acq On : 09 May 2018 23:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:52:00 PM

Quant Time: May 10 05:07:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	290283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203974	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159578	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	5.51	113	131221	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.72	98	470911	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.14	95	180175	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	154572	51.37	ug/l	99
3) Chloromethane	1.32	50	137371	46.88	ug/l	99
4) Vinyl Chloride	1.40	62	153673	50.25	ug/l	99
5) Bromomethane	1.64	94	60286	42.55	ug/l	99
6) Chloroethane	1.72	64	110405	54.61	ug/l	99
7) Trichlorofluoromethane	1.92	101	245329	53.30	ug/l	98
8) Diethyl Ether	2.19	74	96071	53.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140116	51.93	ug/l	98
10) Methyl Iodide	2.51	142	156329	40.15	ug/l	100
11) Tert butyl alcohol	3.09	59	185373	273.67	ug/l	99
12) 1,1-Dichloroethene	2.37	96	130553	52.78	ug/l	98
13) Acrolein	2.30	56	31246	233.22	ug/l	98
14) Allyl chloride	2.73	41	245364	53.20	ug/l	99
15) Acrylonitrile	3.15	53	420549	274.75	ug/l	99
16) Acetone	2.45	43	370655	254.08	ug/l	99
17) Carbon Disulfide	2.57	76	319195	50.71	ug/l	98
18) Methyl Acetate	2.78	43	227696	59.41	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	469443	54.51	ug/l	99
20) Methylene Chloride	2.86	84	152252	52.71	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	140752	50.99	ug/l	95
22) Diisopropyl ether	3.88	45	467948	54.31	ug/l	98
23) Vinyl Acetate	3.83	43	1945792	270.97	ug/l	100
24) 1,1-Dichloroethane	3.70	63	241832	50.24	ug/l	99
25) 2-Butanone	4.72	43	564495	267.69	ug/l	98
26) 2,2-Dichloropropane	4.59	77	162480	43.71	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	156537	53.25	ug/l	96
28) Bromochloromethane	5.03	49	109808	52.62	ug/l	99
29) Tetrahydrofuran	5.18	42	365229	270.70	ug/l	99
30) Chloroform	5.22	83	276468	55.76	ug/l	97
31) Cyclohexane	5.58	56	215776	52.20	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	245660	56.69	ug/l	100
36) 1,1-Dichloropropene	5.80	75	194583	52.70	ug/l	100
37) Ethyl Acetate	4.87	43	217126	53.64	ug/l	100
38) Carbon Tetrachloride	5.79	117	219608	55.76	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224174	51.35	ug/l	98
40) Benzene	6.15	78	585637	54.30	ug/l	99
41) Methacrylonitrile	5.07	41	125802	54.32	ug/l	99
42) 1,2-Dichloroethane	6.20	62	227903	54.98	ug/l	100
43) Isopropyl Acetate	6.48	43	343869	55.34	ug/l	100
44) Trichloroethene	7.22	130	177156	53.74	ug/l	97
45) 1,2-Dichloropropane	7.53	63	149825	55.72	ug/l	98
46) Dibromomethane	7.67	93	103704	54.48	ug/l	100
47) Bromodichloromethane	7.90	83	204244	57.98	ug/l	99
48) Methyl methacrylate	7.79	41	187903	55.54	ug/l	100
49) 1,4-Dioxane	7.76	88	80510	1101.39	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1181082	286.04	ug/l	100
52) Toluene	8.79	92	386005	54.74	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	225049	56.53	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	206463	50.15	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	157689	55.50	ug/l	98
56) Ethyl methacrylate	9.19	69	230163	56.20	ug/l	99
57) 1,3-Dichloropropane	9.38	76	259721	55.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	593604	295.51	ug/l	99
59) 2-Hexanone	9.51	43	889720	281.39	ug/l	100
60) Dibromochloromethane	9.59	129	169451	58.24	ug/l	98
61) 1,2-Dibromoethane	9.68	107	167367	56.10	ug/l	99
64) Tetrachloroethene	9.34	164	213410	55.31	ug/l	98
65) Chlorobenzene	10.14	112	441296	54.35	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166431	57.31	ug/l	99
67) Ethyl Benzene	10.26	91	730991	54.93	ug/l	100
68) m/p-Xylenes	10.37	106	584190	111.10	ug/l	99
69) o-Xylene	10.70	106	285652	55.90	ug/l	98
70) Styrene	10.72	104	478368	57.62	ug/l	99
71) Bromoform	10.86	173	140940	50.43	ug/l #	100
73) Isopropylbenzene	11.02	105	769621	54.50	ug/l	100
74) N-amyl acetate	6.48	43	343869	53.61	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	226452	54.30	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	224900m	54.37	ug/l	
77) Bromobenzene	11.26	156	218605	53.25	ug/l	100
78) n-propylbenzene	11.37	91	853155	55.48	ug/l	99
79) 2-Chlorotoluene	11.43	91	510481	53.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	646322	54.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	57739	44.97	ug/l	98
82) 4-Chlorotoluene	11.52	91	597524	54.74	ug/l	100
83) tert-Butylbenzene	11.77	119	635174	54.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	666436	55.15	ug/l	100
85) sec-Butylbenzene	11.95	105	777056	55.34	ug/l	100
86) p-Isopropyltoluene	12.07	119	717223	55.68	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	392657	53.51	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397254	53.07	ug/l	100
89) n-Butylbenzene	12.40	91	578044	54.16	ug/l	100
90) Hexachloroethane	12.60	117	109811	56.62	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	403045	53.98	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53454	58.34	ug/l	100

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QLast Update : Sun May 06 07:59:25 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	293206	53.67	ug/l	99
94) Hexachlorobutadiene	13.79	225	157154	52.57	ug/l	99
95) Naphthalene	13.84	128	861088	56.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	308193	54.98	ug/l	100

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

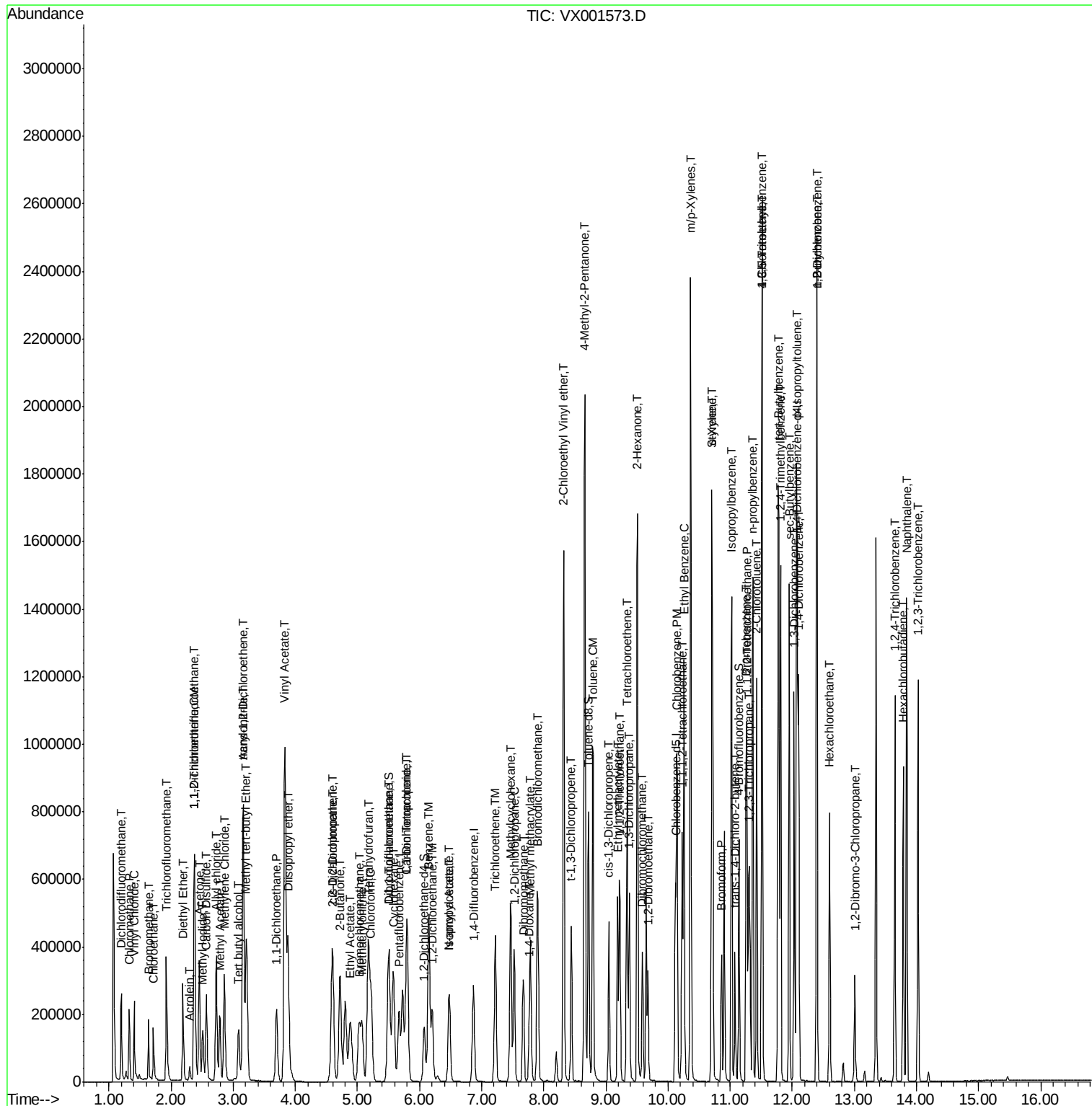
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
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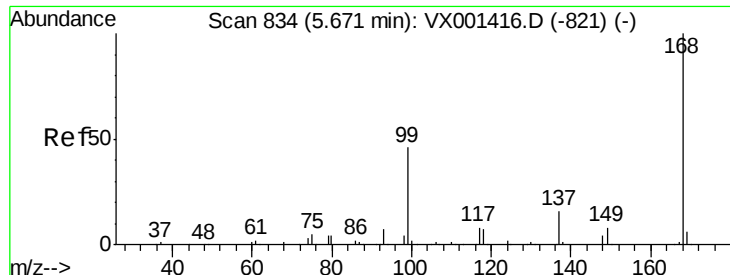
Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations APPROVED

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 223522

Ion Ratio Lower Upper

168 100

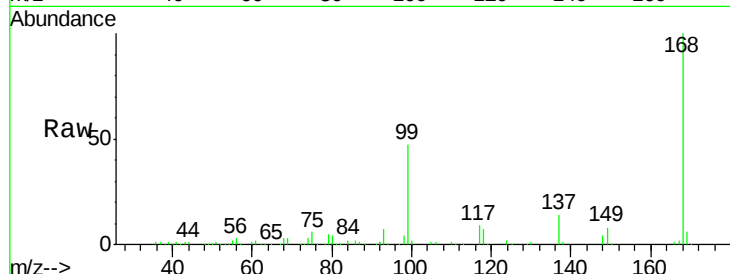
99 46.7 36.6 54.8

Manual Integrations

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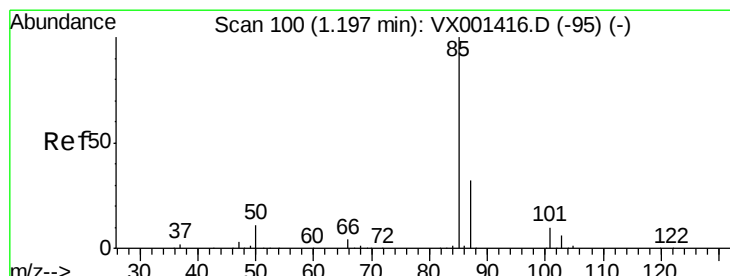
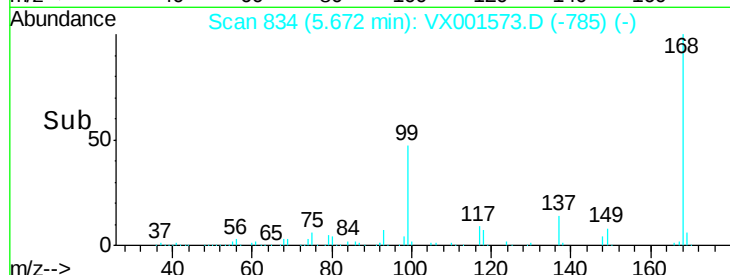
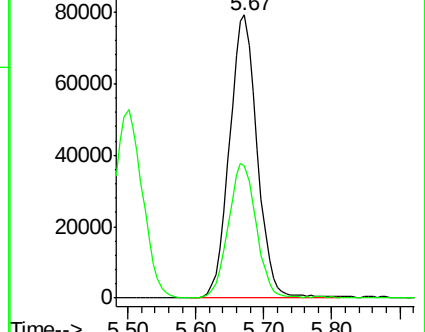
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001573.D

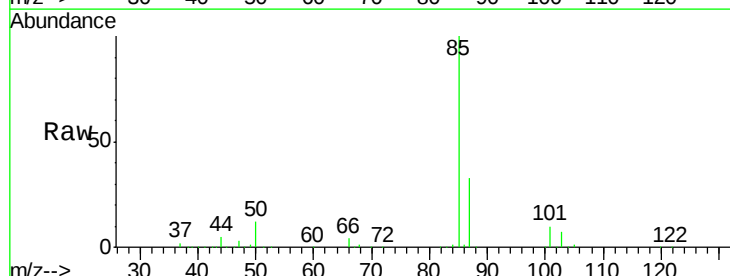
Acq: 09 May 2018 23:47

Tgt Ion: 85 Resp: 154572

Ion Ratio Lower Upper

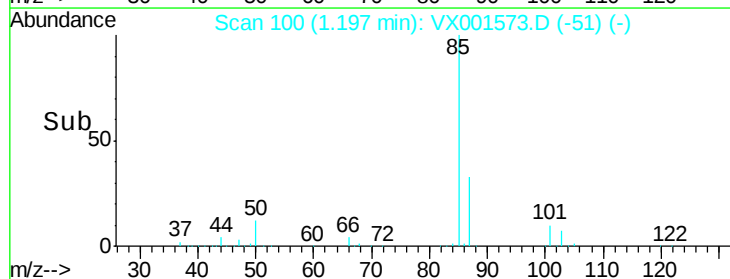
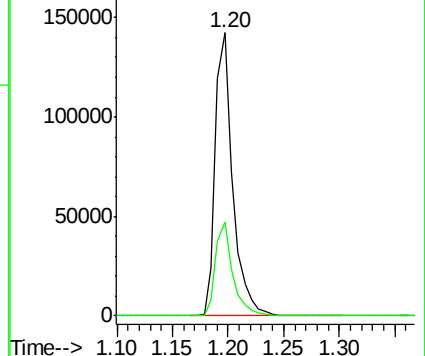
85 100

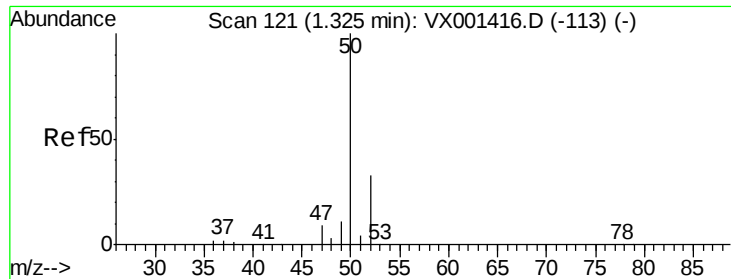
87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 137371

Ion Ratio Lower Upper

50 100

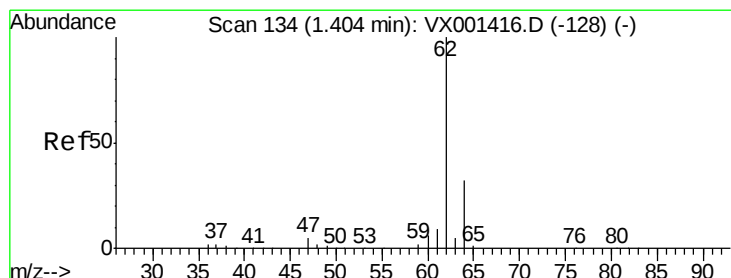
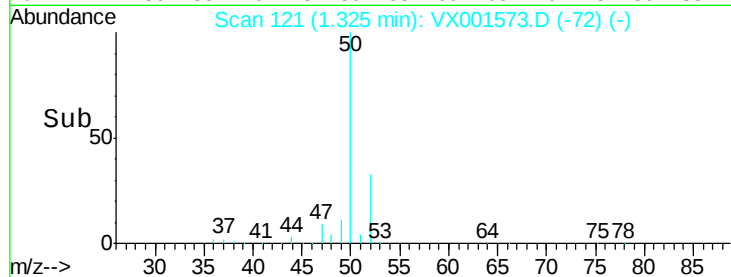
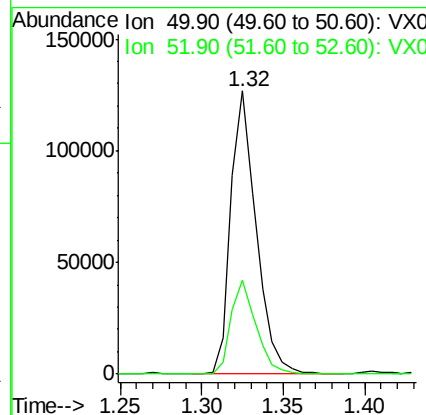
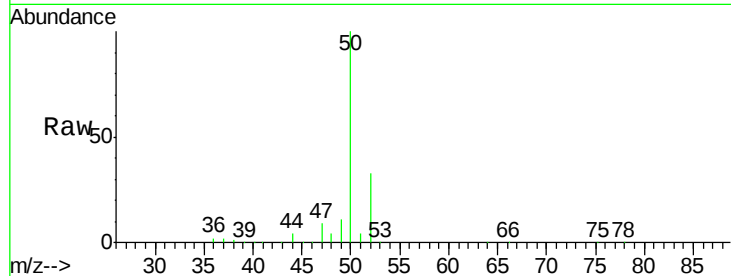
52 33.3 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.25 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001573.D

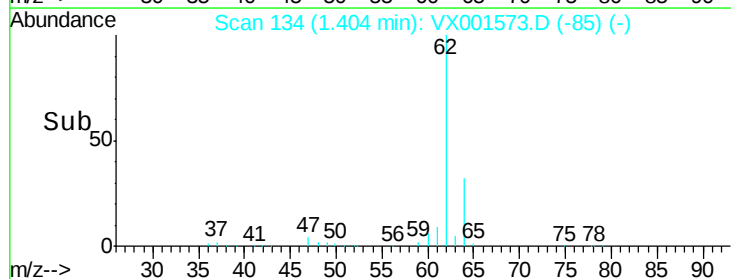
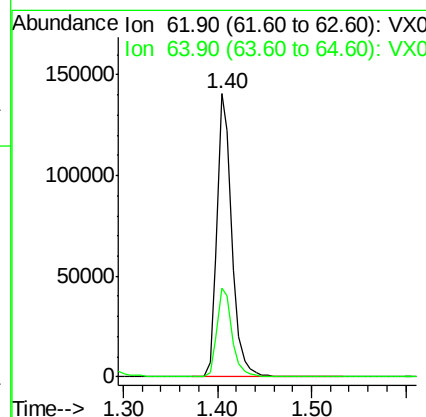
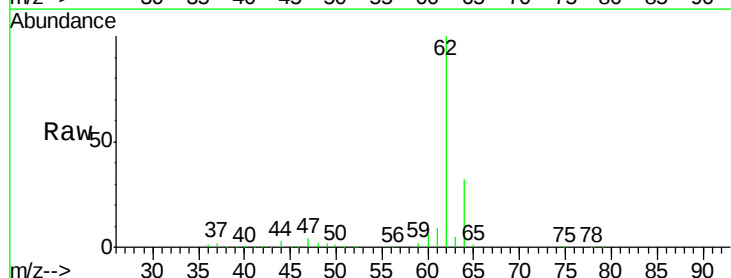
Acq: 09 May 2018 23:47

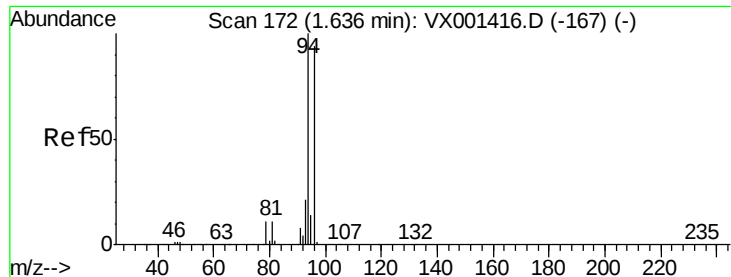
Tgt Ion: 62 Resp: 153673

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.6





#5

Bromomethane

Concen: 42.55 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 60286

Ion Ratio Lower Upper

94 100

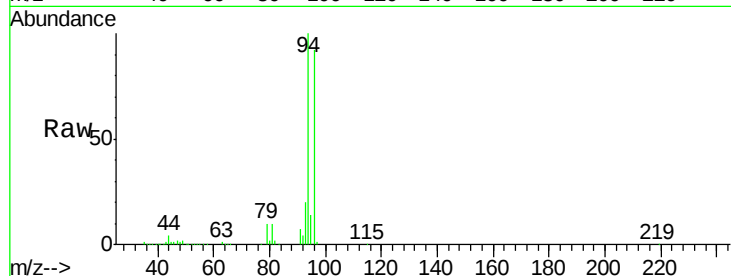
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Manual Integrations

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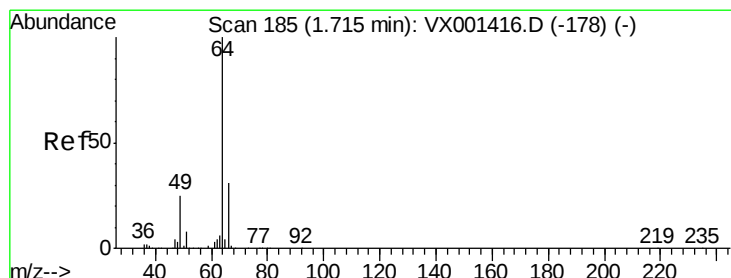
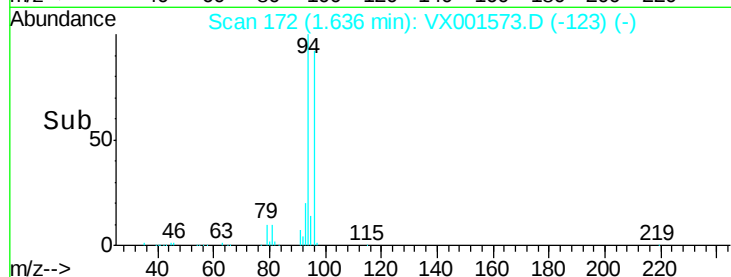
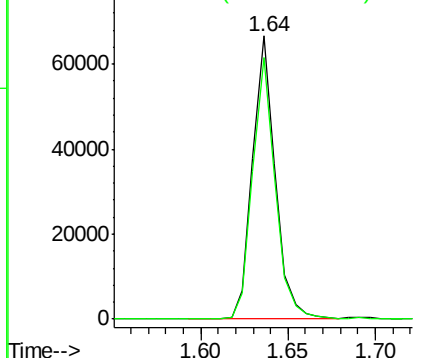
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.61 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX001573.D

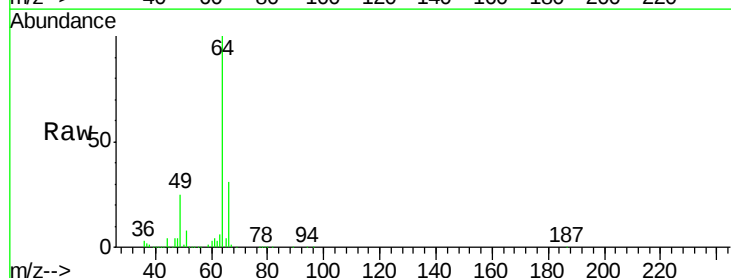
Acq: 09 May 2018 23:47

Tgt Ion: 64 Resp: 110405

Ion Ratio Lower Upper

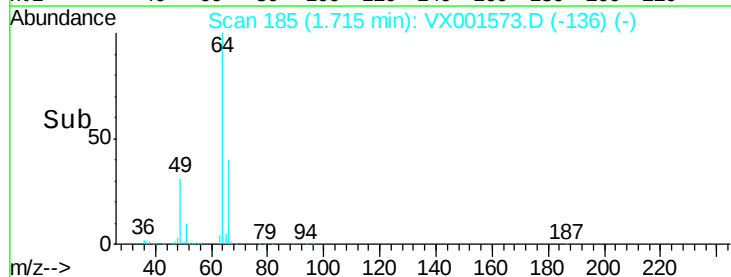
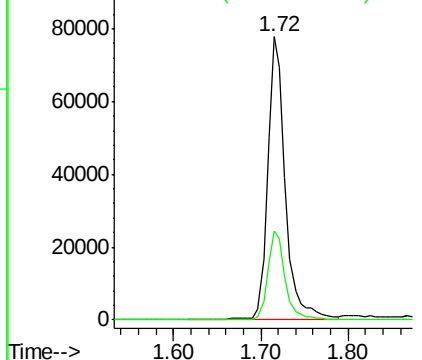
64 100

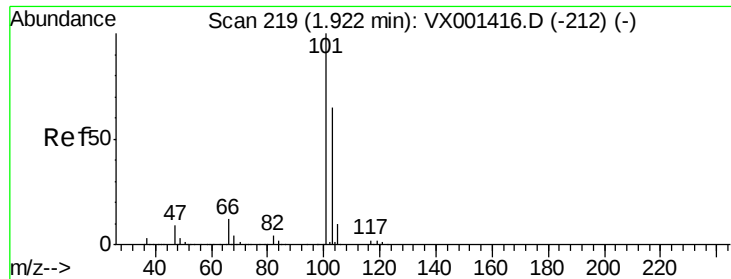
66 31.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

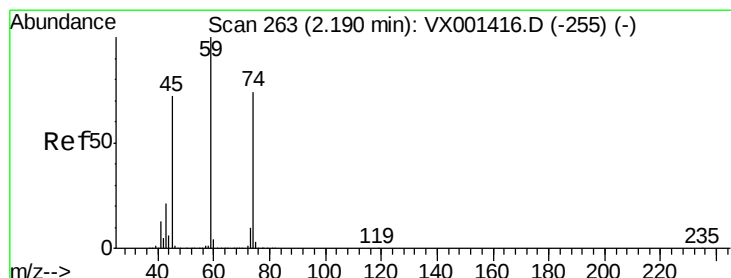
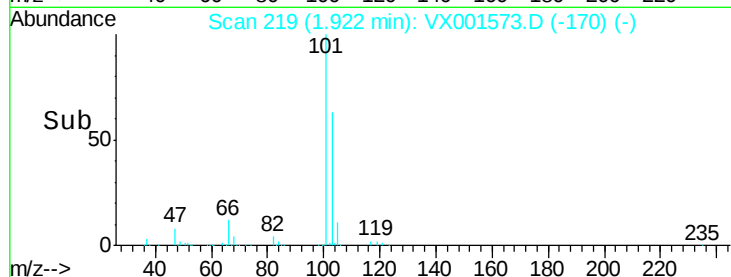
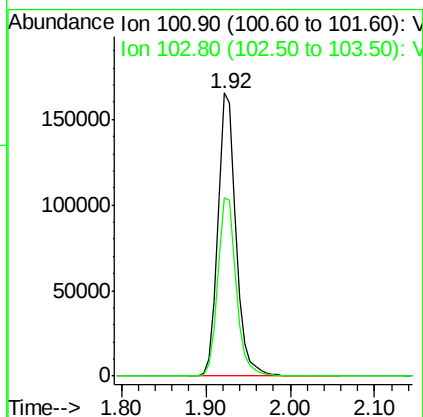
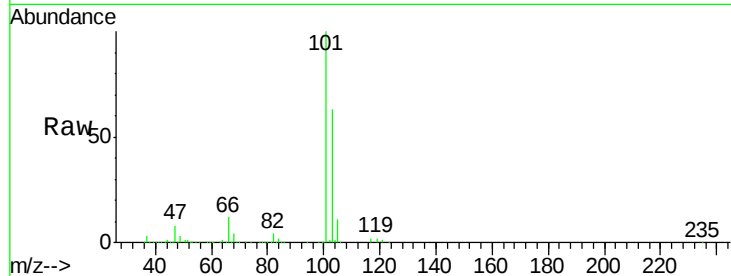
Trichlorofluoromethane
Concen: 53.30 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	245329		
103	63.1	52.0	78.0	

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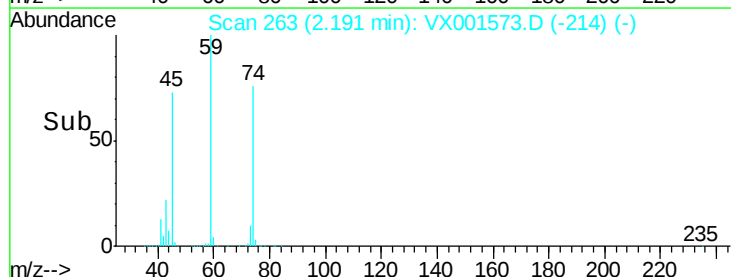
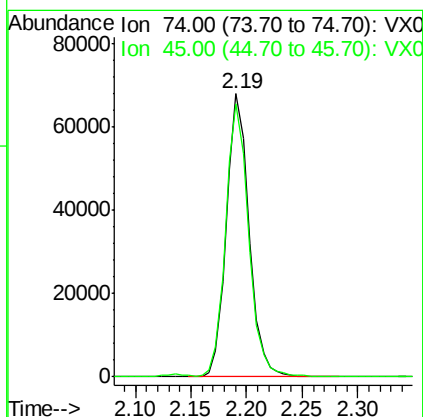
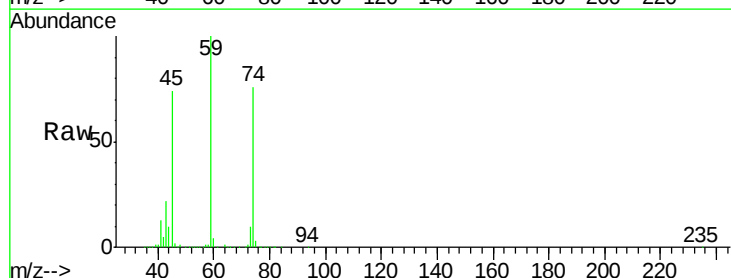
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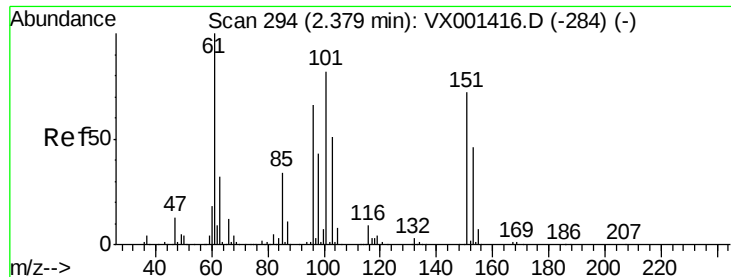


#8

Diethyl Ether
Concen: 53.25 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	96071		
45	96.8	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.93 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

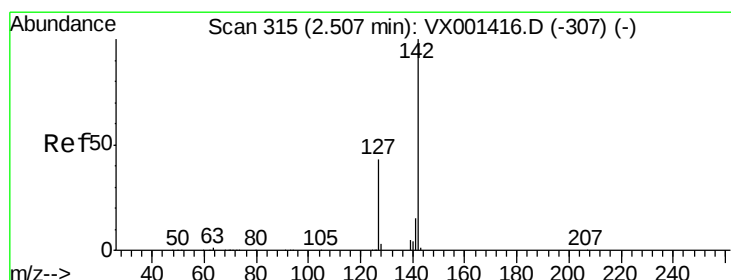
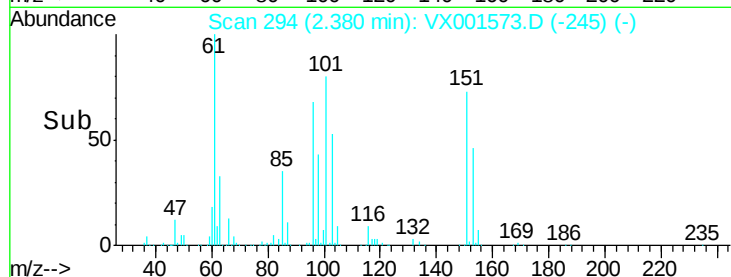
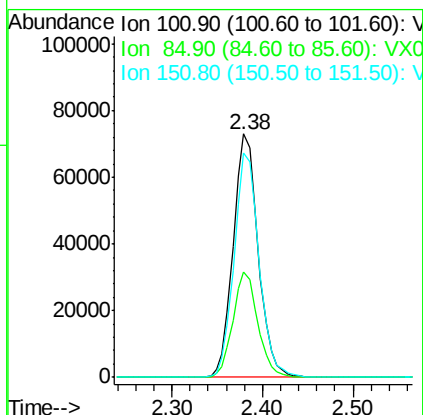
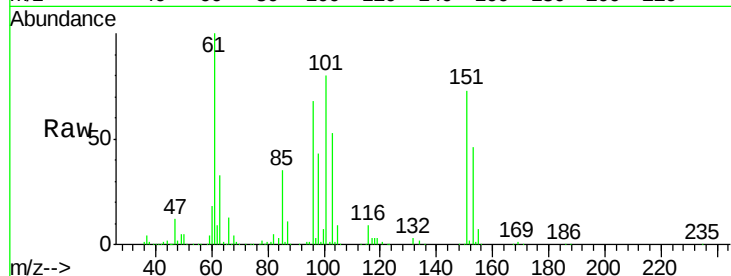
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	140116
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.7	50.5
151	92.0	72.3	108.5

Manual Integrations
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#10

Methyl Iodide

Concen: 40.15 ug/l

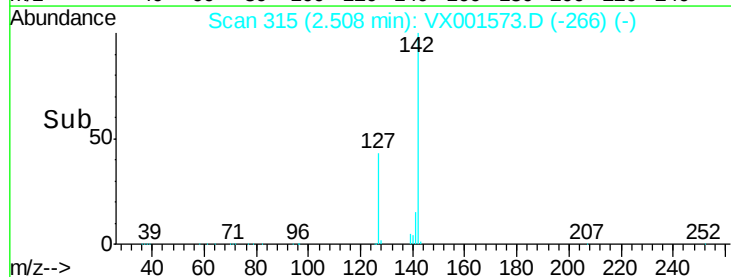
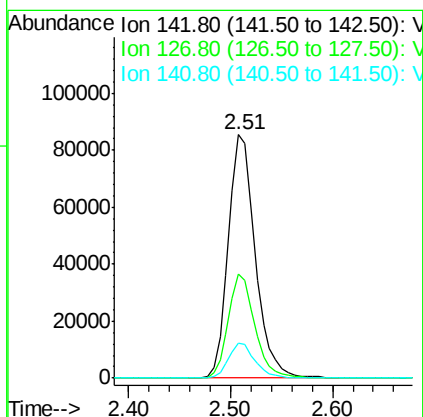
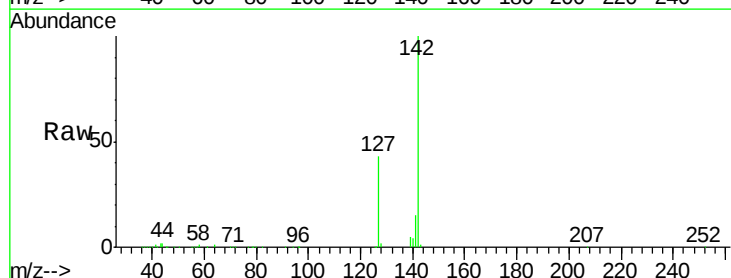
RT: 2.51 min Scan# 315

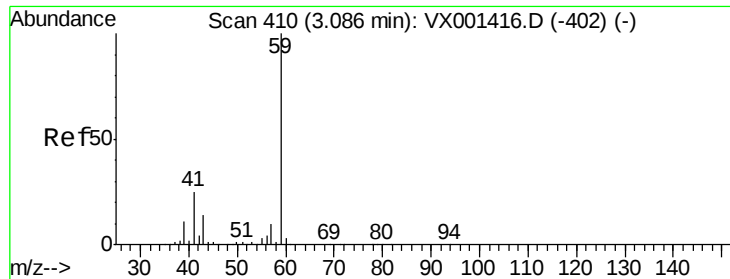
Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion:	142	Resp:	156329
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.6	50.4
141	14.1	11.4	17.2





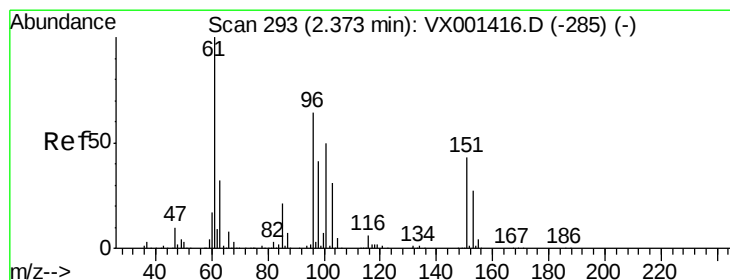
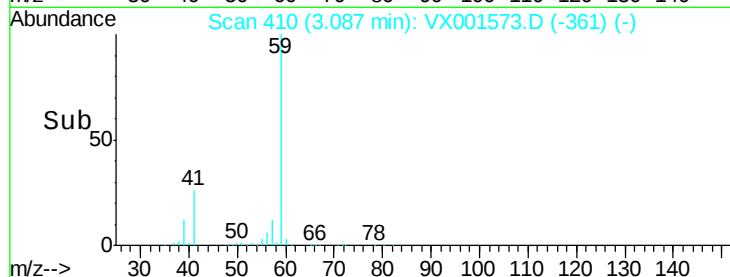
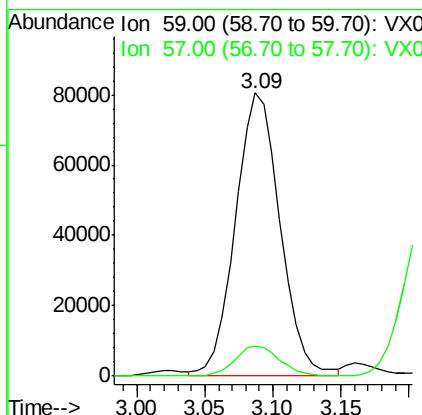
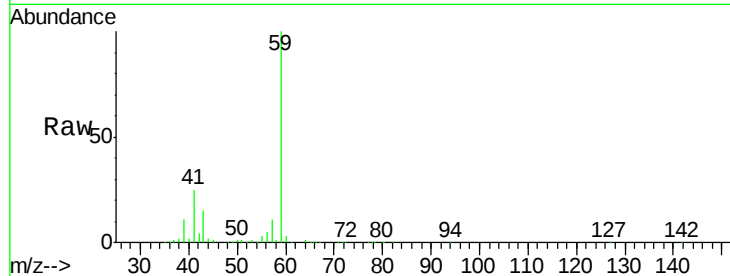
#11
Tert butyl alcohol
Concen: 273.67 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	185373
Ion Ratio	100	Lower	Upper
57	10.7	8.2	12.4

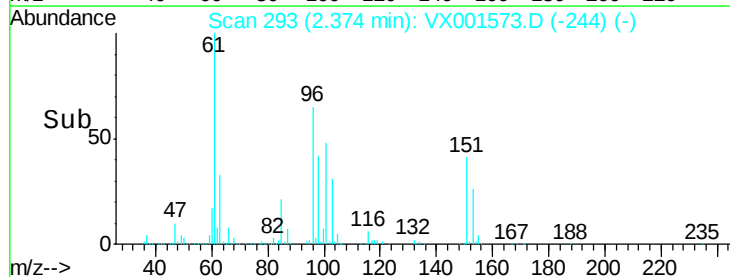
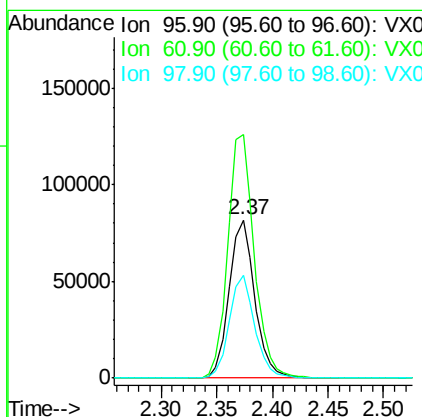
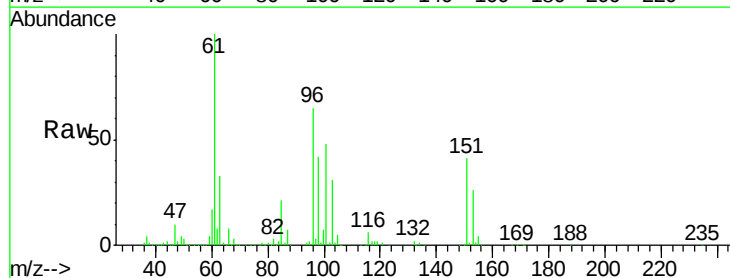
Manual Integrations
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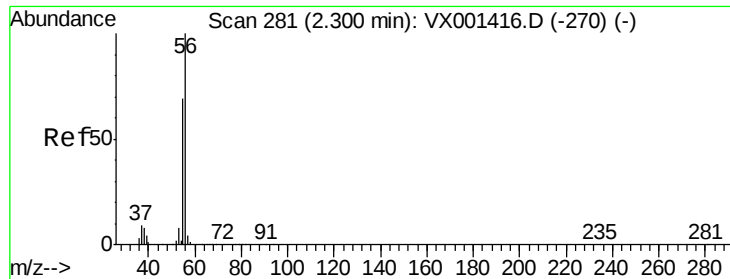
MMDadoda
5/10/2018 1:52:00 PM



#12
1,1-Dichloroethene
Concen: 52.78 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	96	Resp	130553
Ion Ratio	100	Lower	Upper
61	154.1	125.7	188.5
98	65.0	52.0	78.0





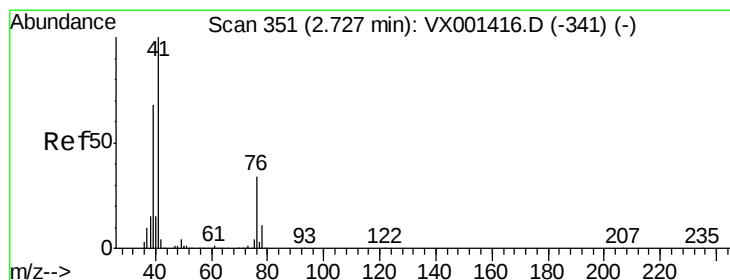
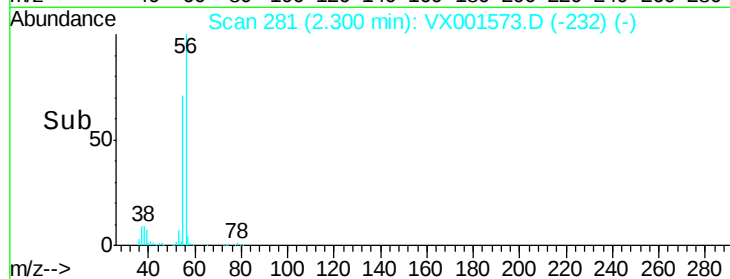
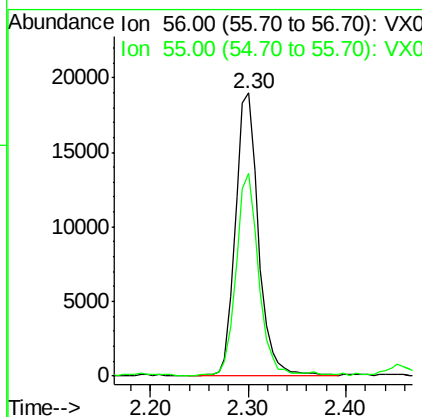
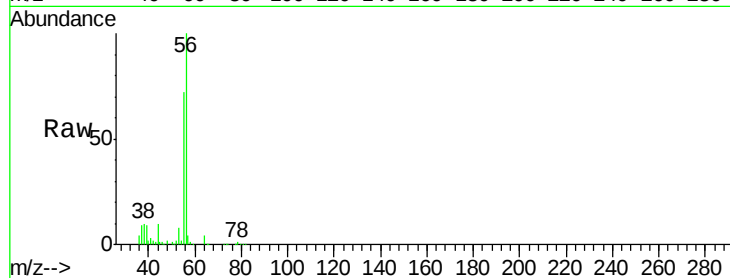
#13
Acrolein
Concen: 233.22 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	54.5	81.7

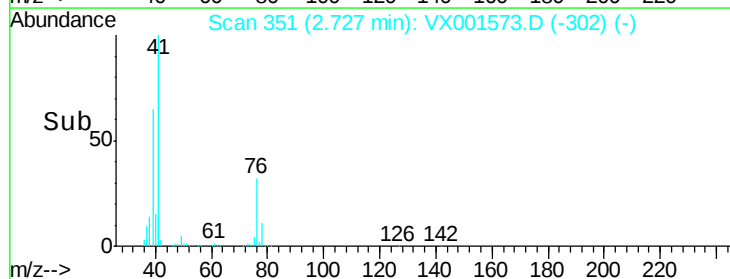
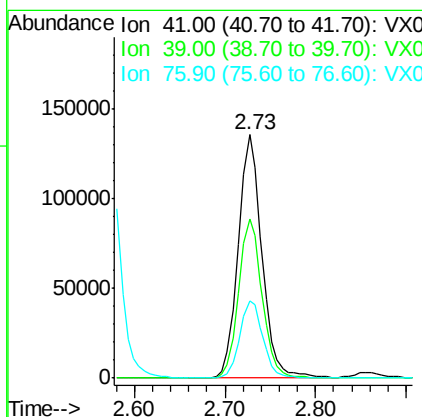
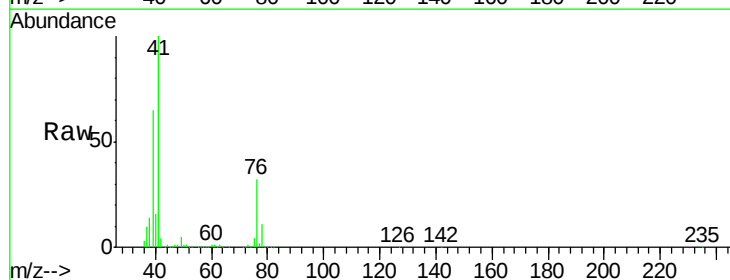
Manual Integrations
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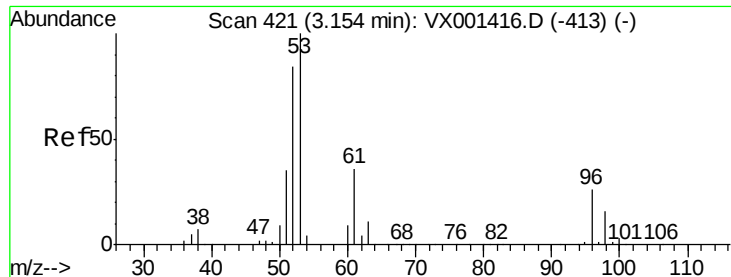
MMDadoda
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#14
Allyl chloride
Concen: 53.20 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.7	52.4	78.6
76	31.0	25.8	38.6





#15

Acrylonitrile

Concen: 274.75 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

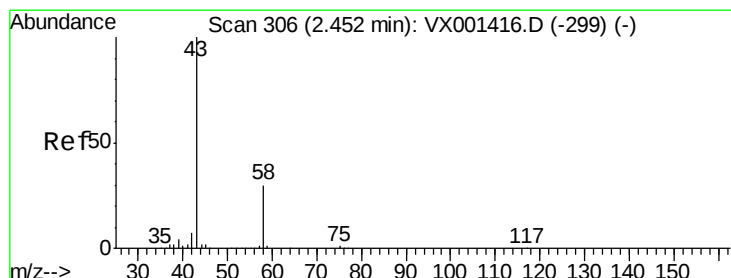
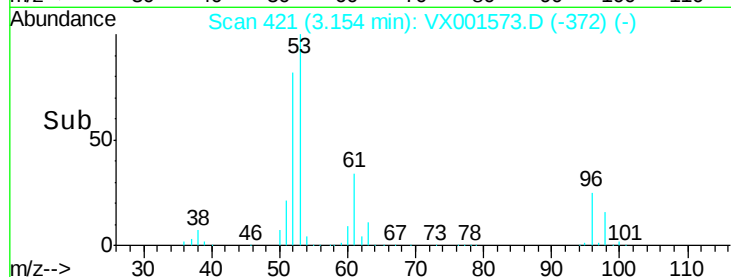
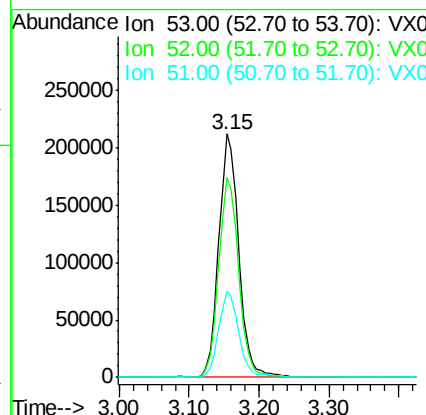
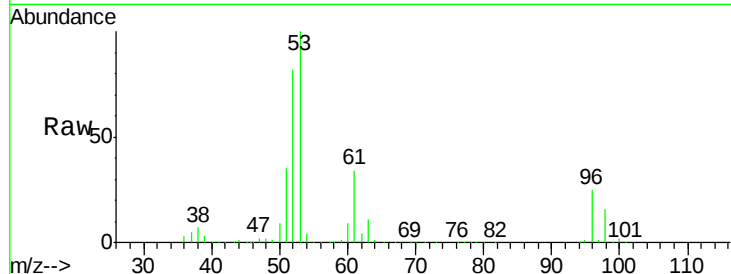
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	420549
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.2
51	36.4	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 254.08 ug/l

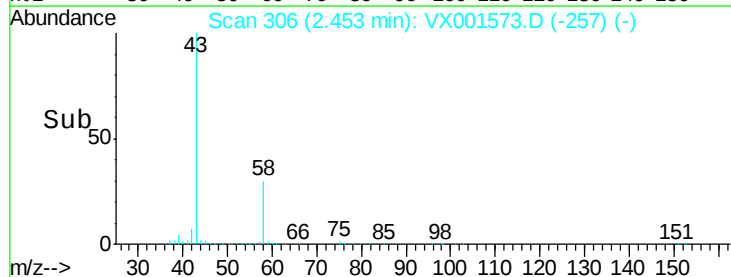
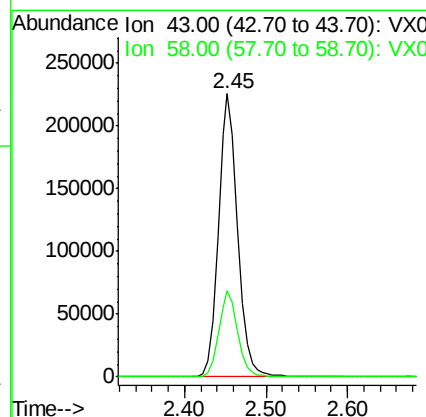
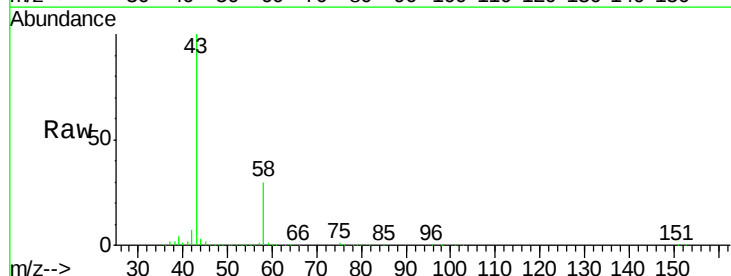
RT: 2.45 min Scan# 306

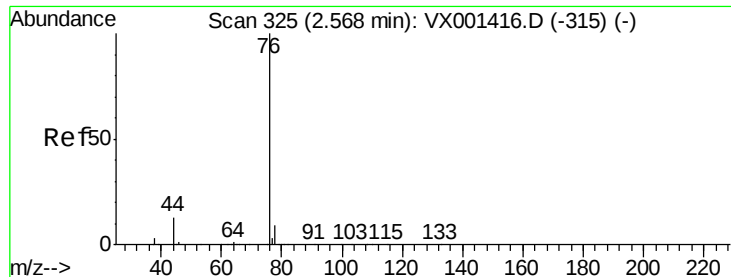
Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion:	43	Resp:	370655
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.8	35.8





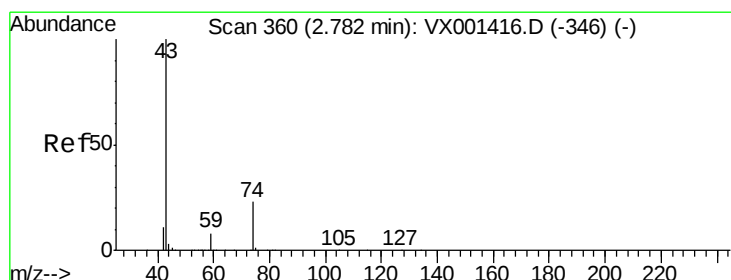
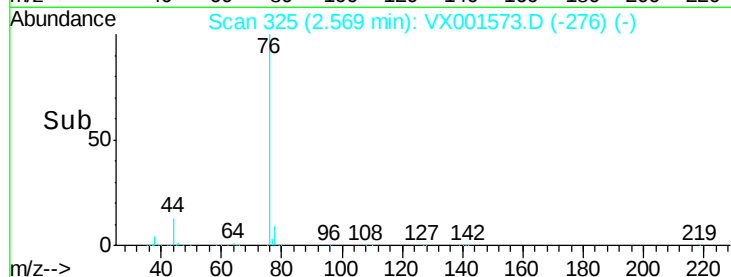
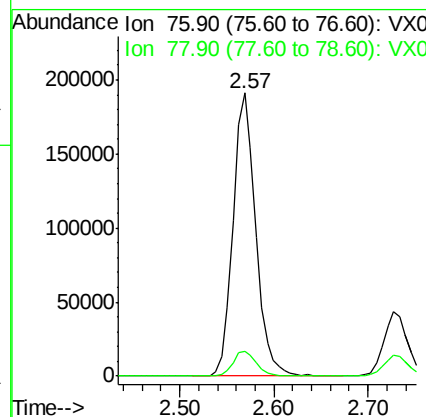
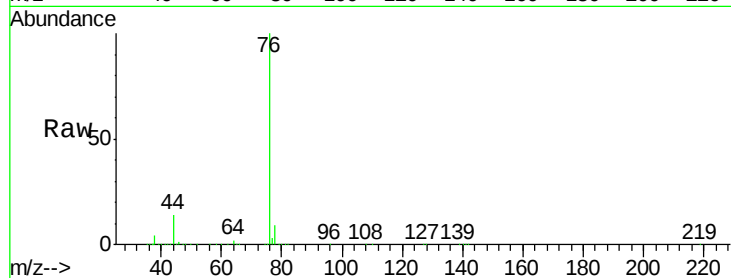
#17
Carbon Disulfide
Concen: 50.71 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.2

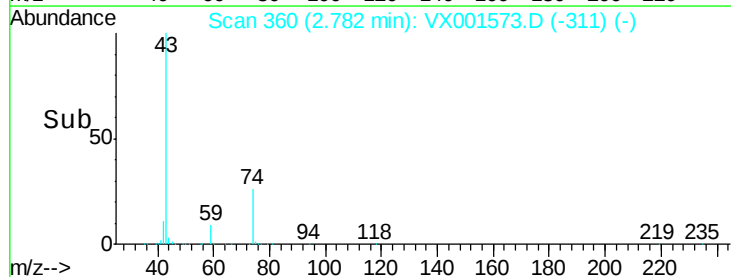
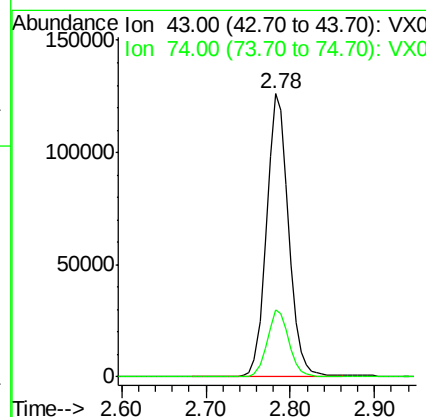
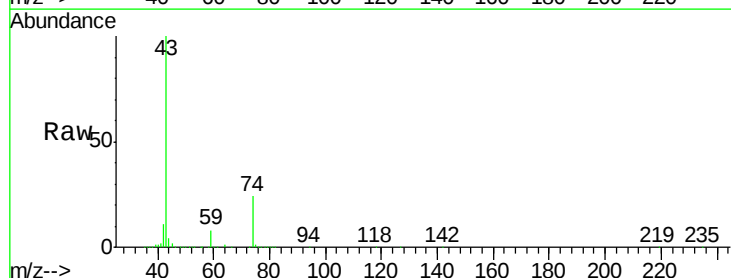
Manual Integrations
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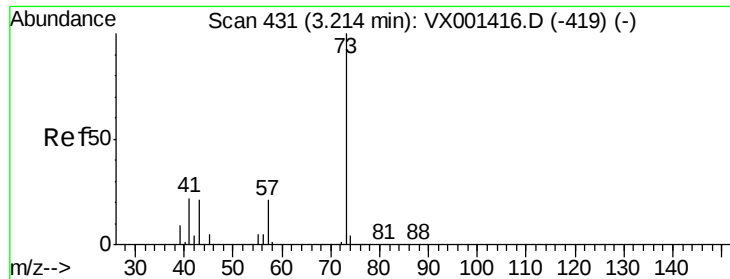
MMDadoda
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#18
Methyl Acetate
Concen: 59.41 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	27.8





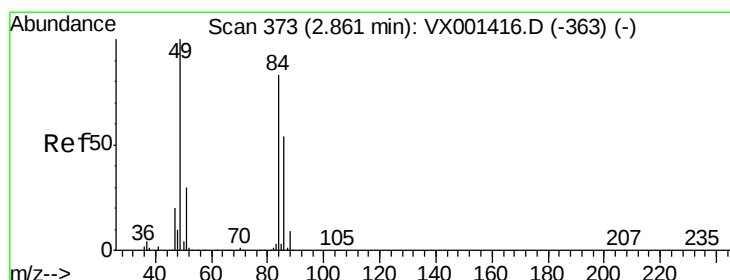
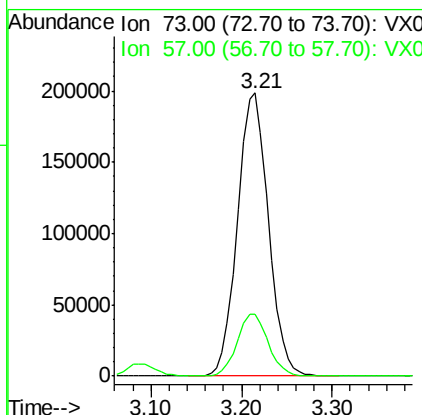
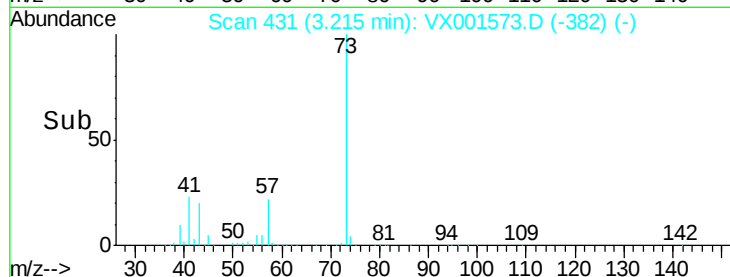
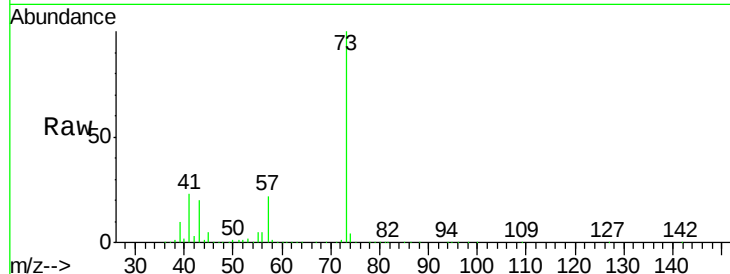
#19
Methvl tert-butvl Ether
Concen: 54.51 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 469443
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6

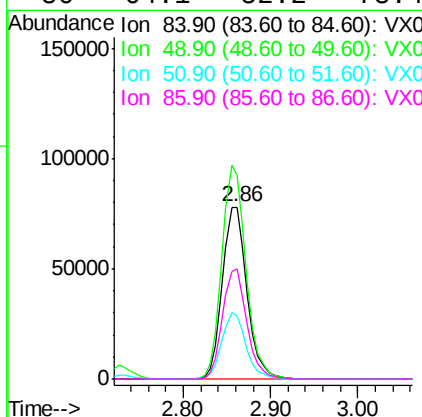
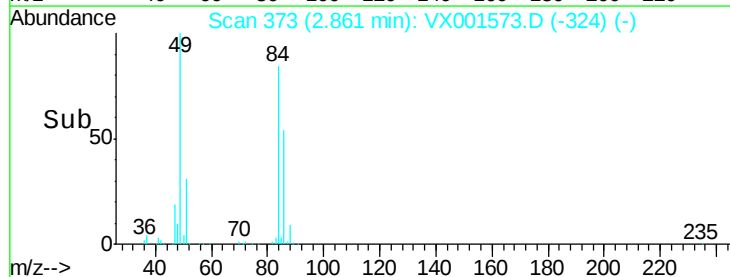
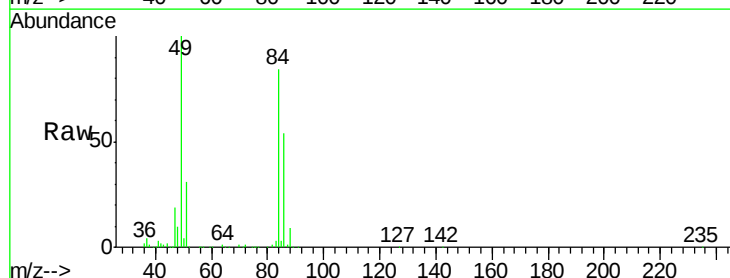
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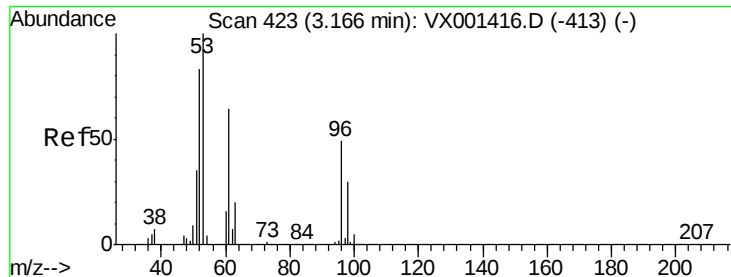
MMDadoda
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#20
Methylene Chloride
Concen: 52.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion: 84 Resp: 152252
Ion Ratio Lower Upper
84 100
49 118.5 96.6 144.8
51 36.8 29.0 43.4
86 64.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.99 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

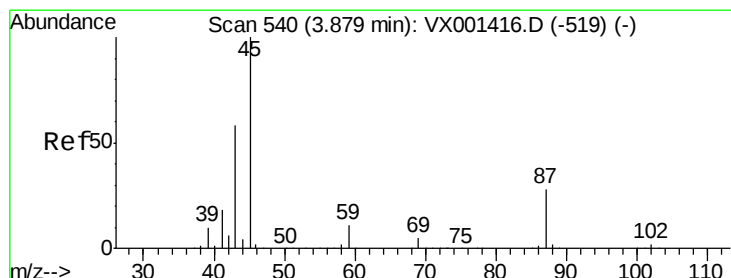
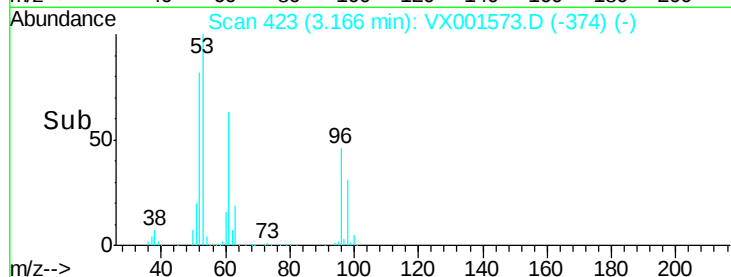
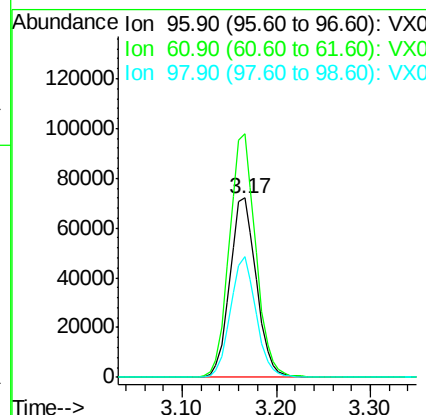
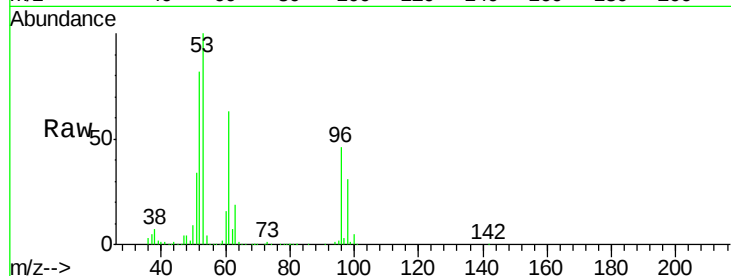
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	140752
Ion	Ratio	Lower	Upper
96	100		
61	135.8	105.0	157.4
98	67.2	49.9	74.9

Manual Integrations
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5/10/2018 1:52:00 PM



#22

Diisopropyl ether

Concen: 54.31 ug/l

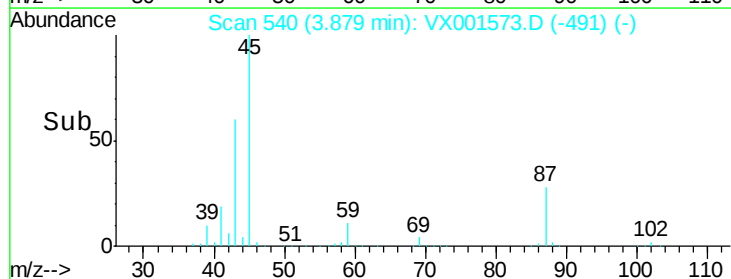
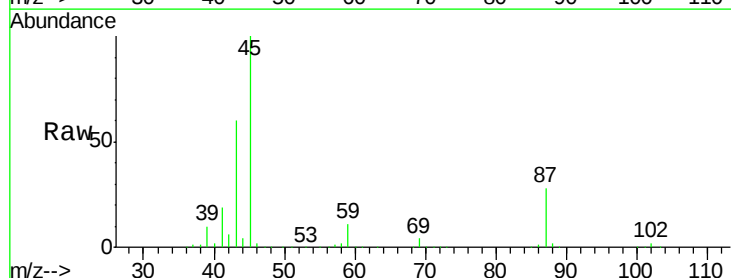
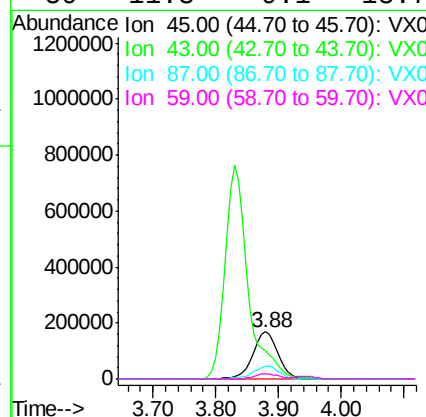
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion:	45	Resp:	467948
Ion	Ratio	Lower	Upper
45	100		
43	60.0	46.5	69.7
87	27.7	22.6	34.0
59	11.3	9.1	13.7





#23

Vinyl Acetate

Concen: 270.97 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1945792

Ion Ratio Lower Upper

43 100

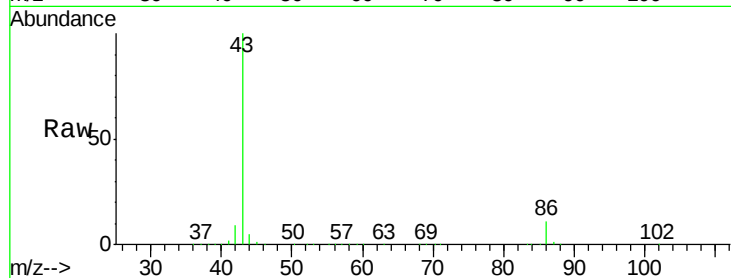
86 10.8 8.6 13.0

Manual Integrations

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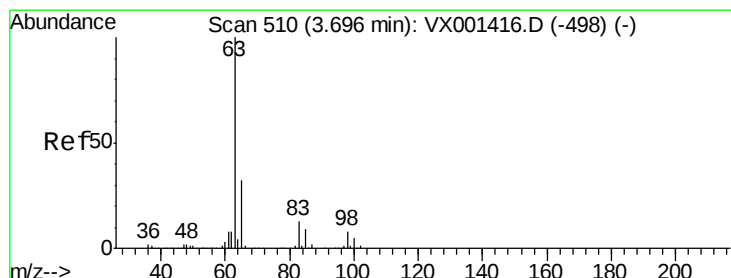
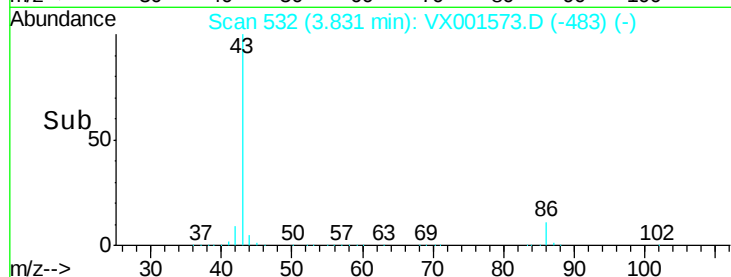
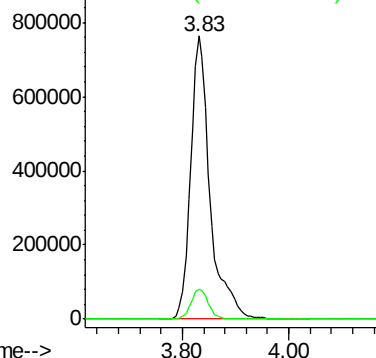
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.24 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

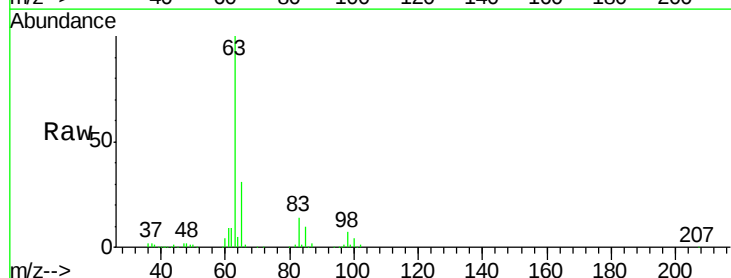
Tgt Ion: 63 Resp: 241832

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

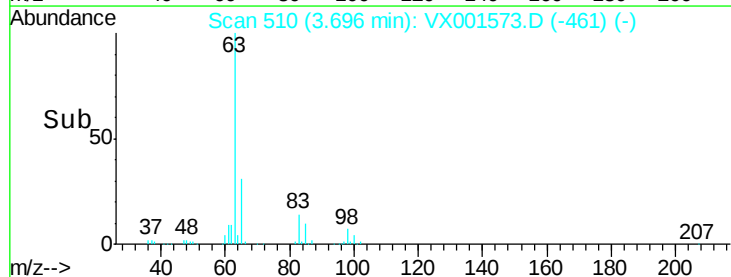
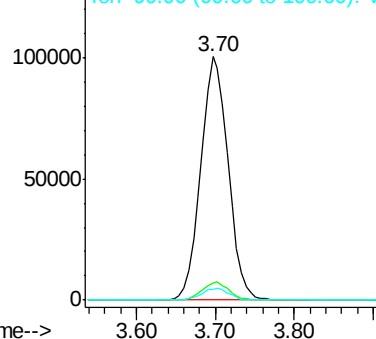
100 4.5 2.4 7.1

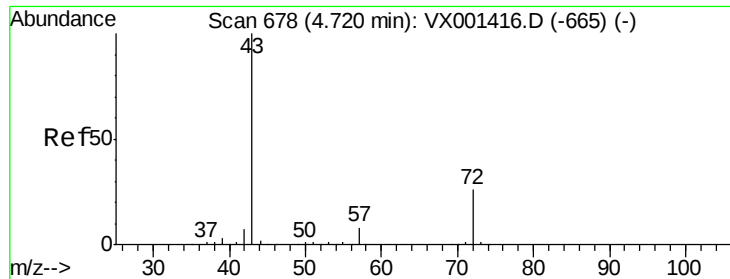


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 267.69 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 564495

Ion Ratio Lower Upper

43 100

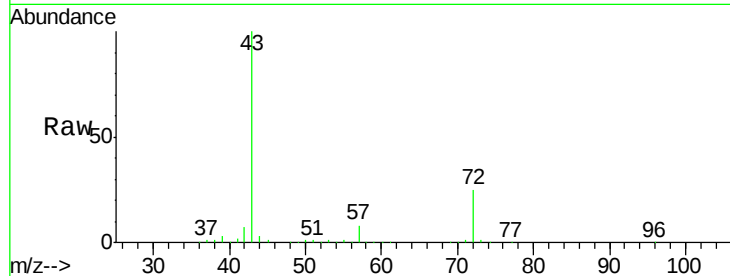
72 25.1 20.7 31.1

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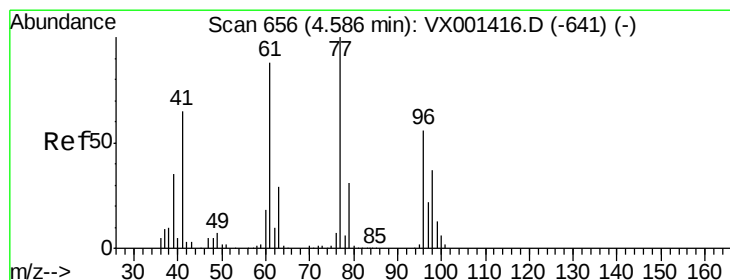
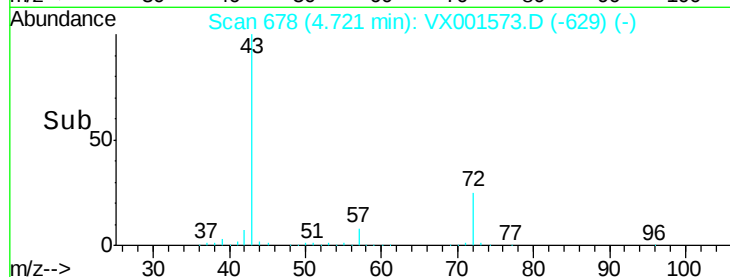
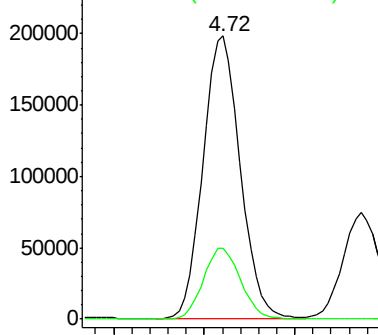
MMDadoda

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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: 43.71 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001573.D

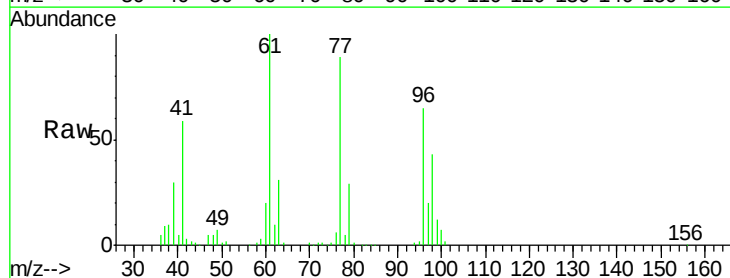
Acq: 09 May 2018 23:47

Tgt Ion: 77 Resp: 162480

Ion Ratio Lower Upper

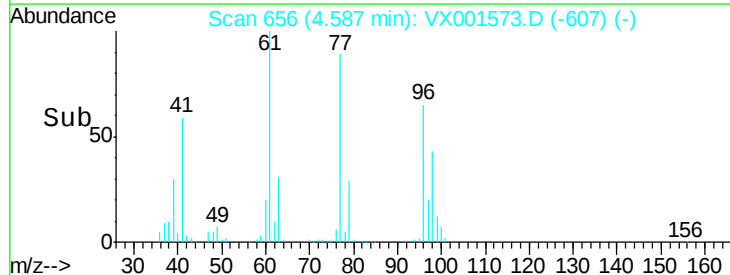
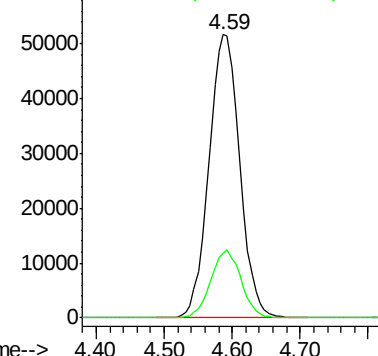
77 100

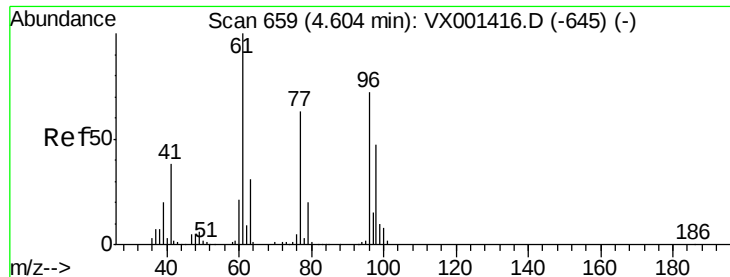
97 23.5 11.2 33.6



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: 53.25 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

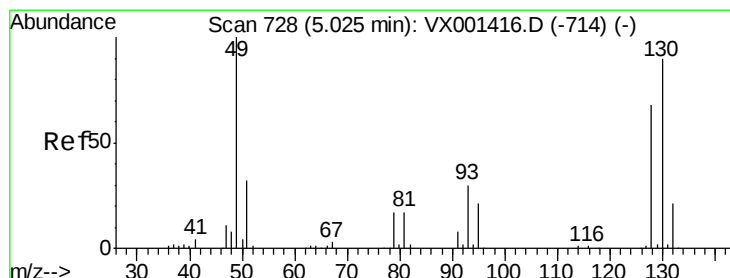
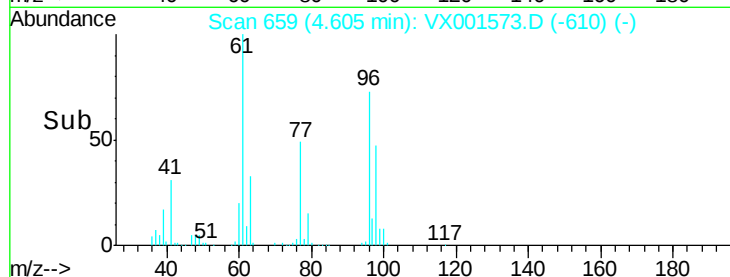
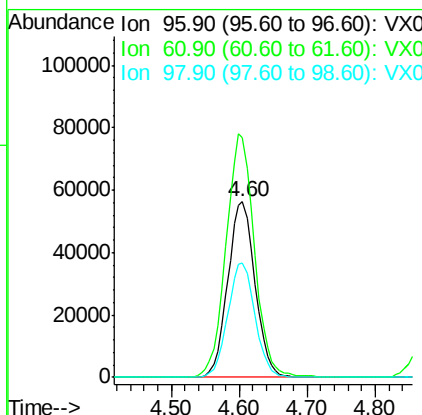
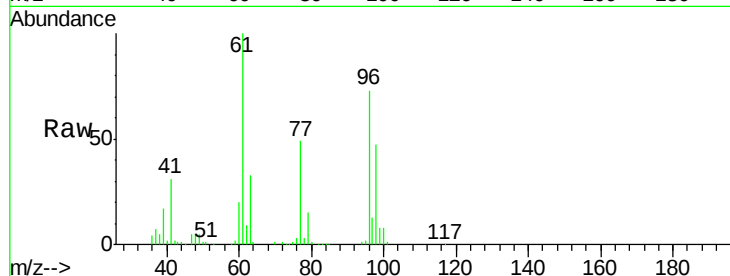
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	156537
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	301.6
98	64.8	0.0	131.6

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#28

Bromochloromethane

Concen: 52.62 ug/l

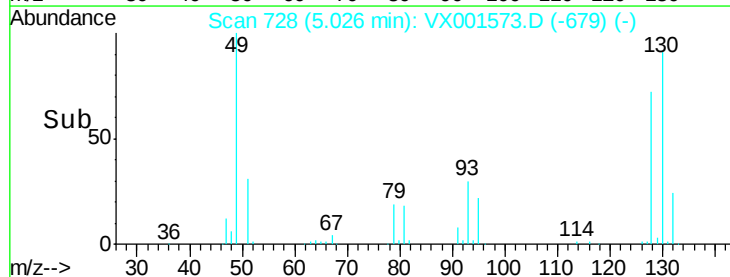
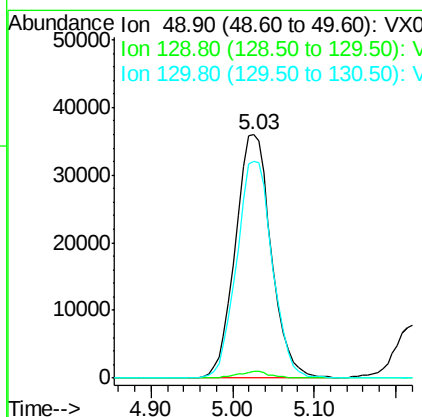
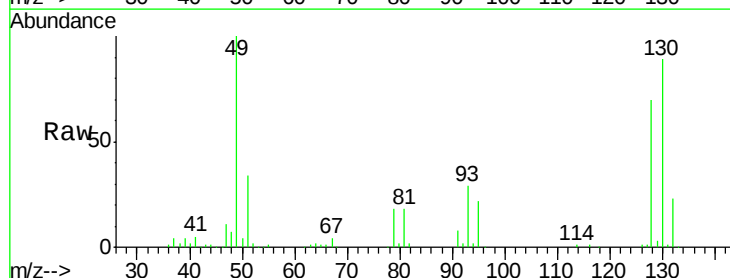
RT: 5.03 min Scan# 728

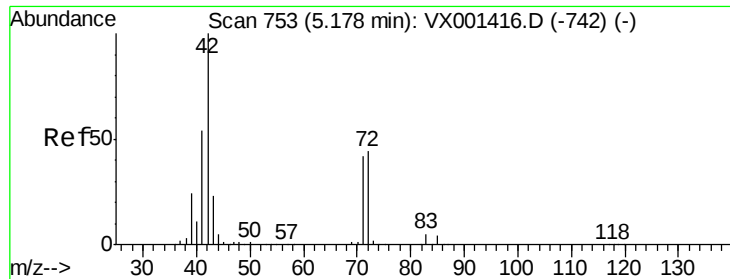
Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion:	49	Resp:	109808
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	88.6	71.9	107.9





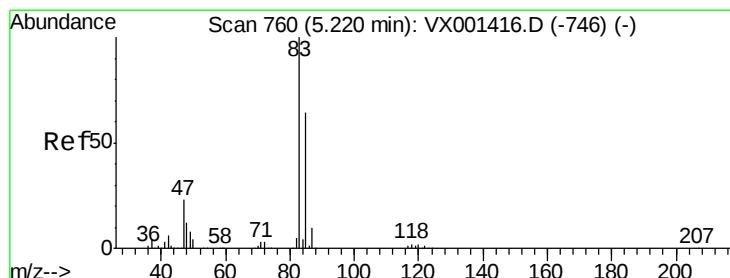
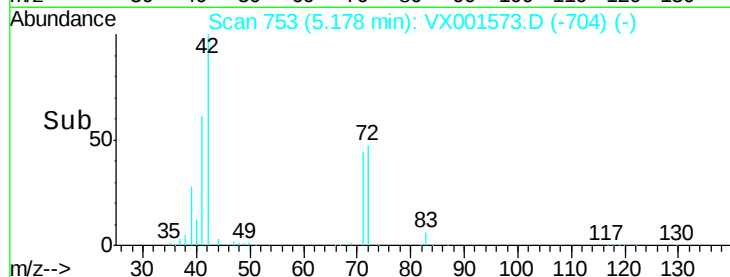
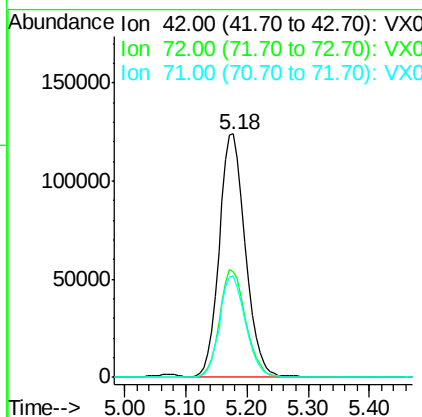
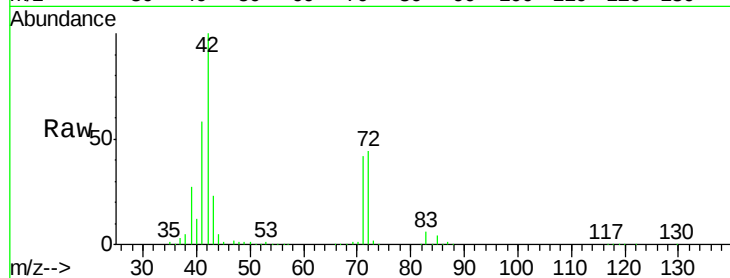
#29
Tetrahydrofuran
Concen: 270.70 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.4	53.2
71	41.4	33.0	49.4

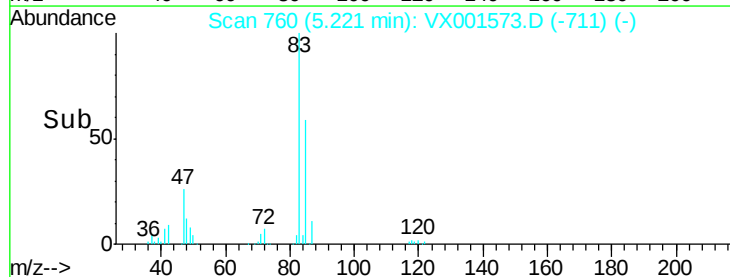
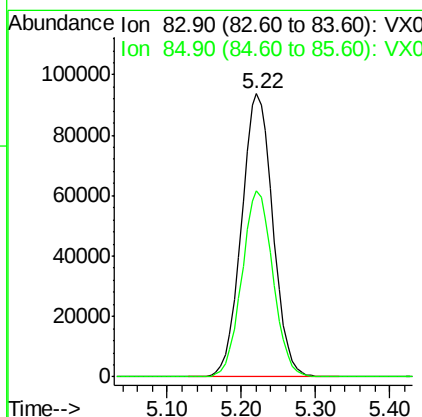
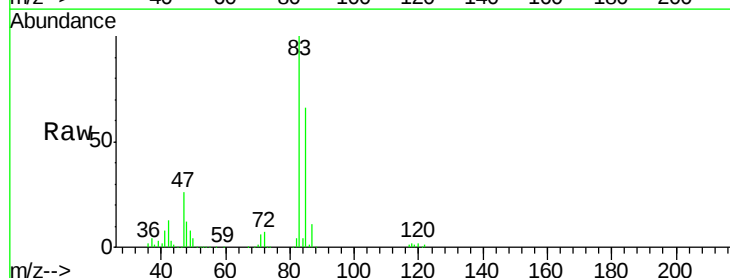
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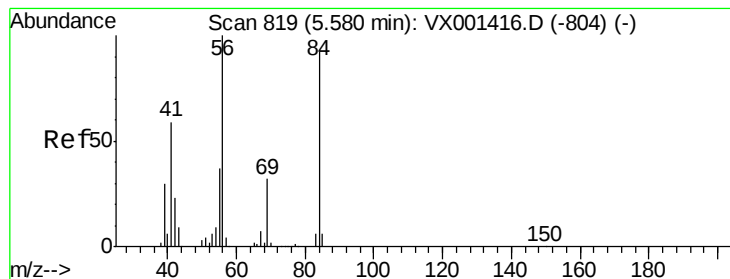
MMDadoda
5/10/2018 1:52:00 PM



#30
Chloroform
Concen: 55.76 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.0	76.4





#31

Cyclohexane

Concen: 52.20 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

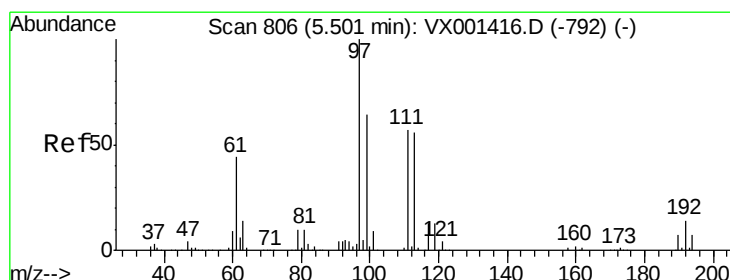
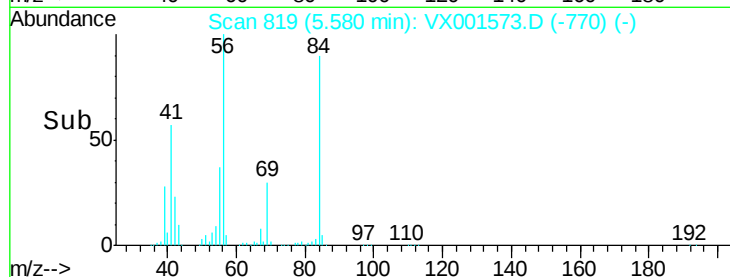
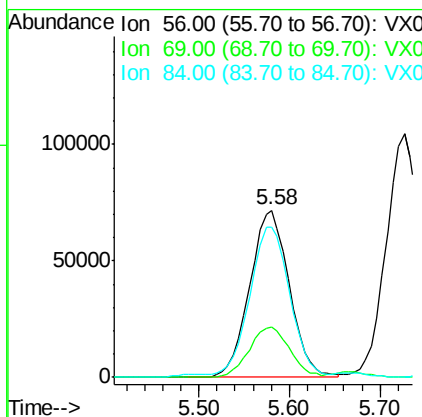
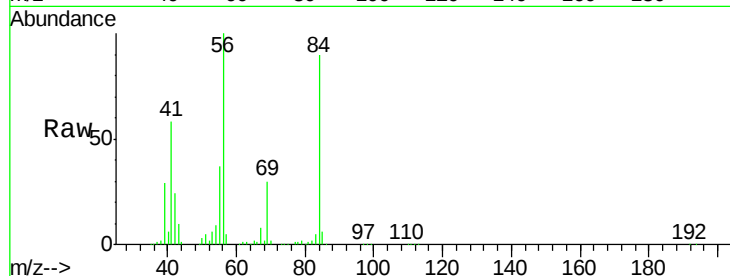
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	215776
Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.4	38.0
84	88.4	73.8	110.8

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#32

1,1,1-Trichloroethane

Concen: 56.69 ug/l

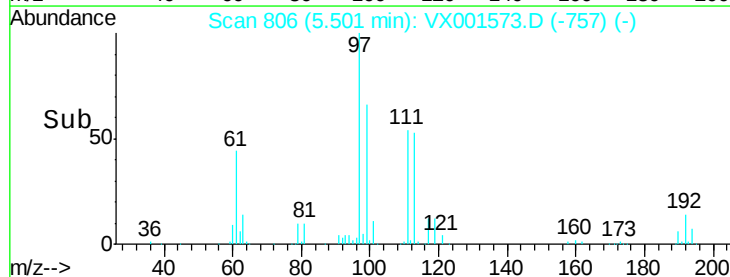
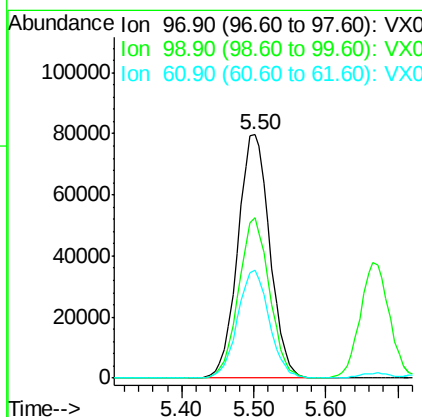
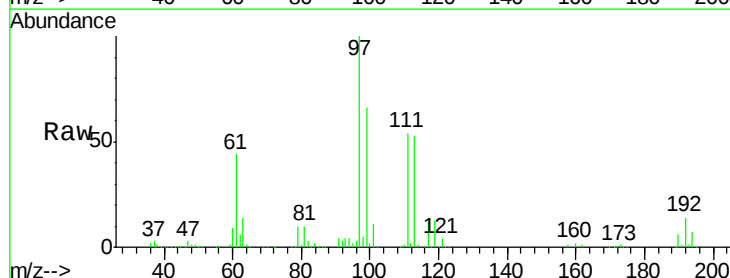
RT: 5.50 min Scan# 806

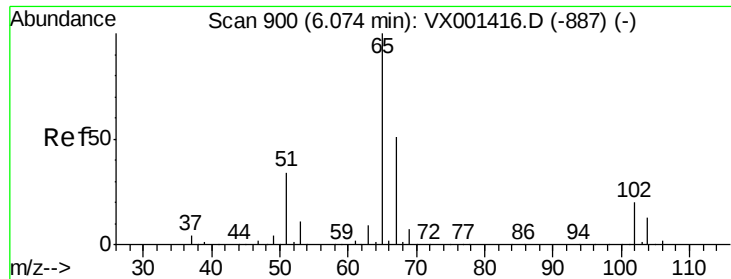
Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion:	97	Resp:	245660
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	43.9	34.8	52.2





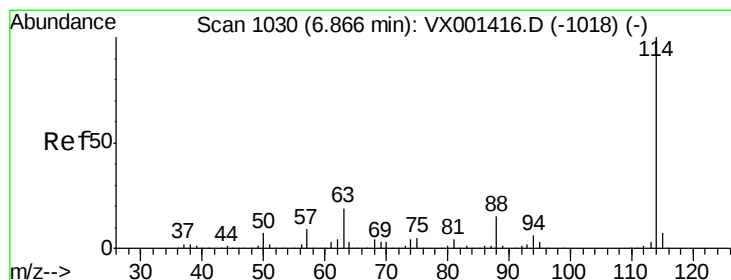
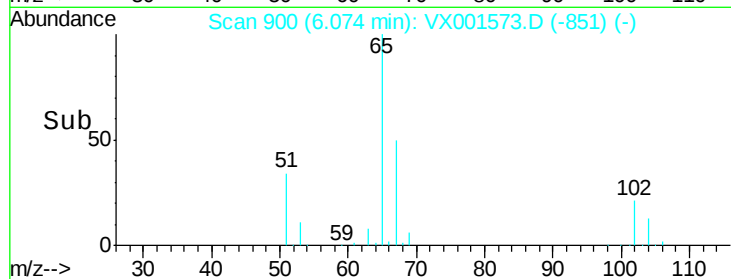
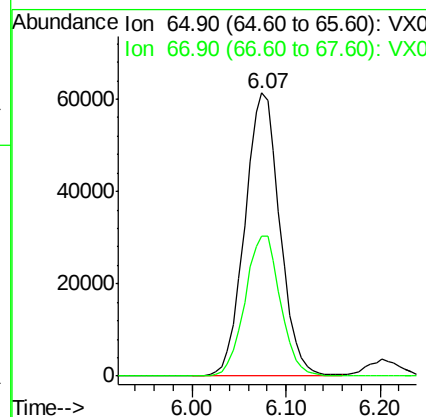
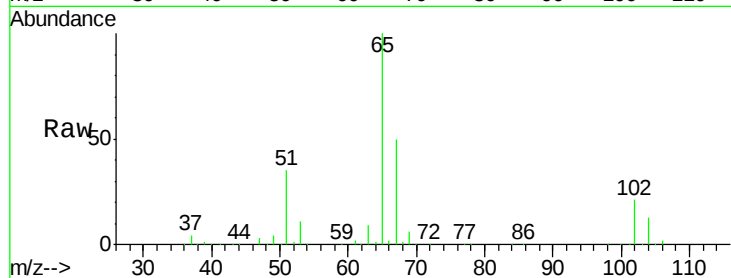
#33
 1,2-Dichloroethane-d4
 Concen: 49.67 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159578		
67	50.2	0.0	101.8	

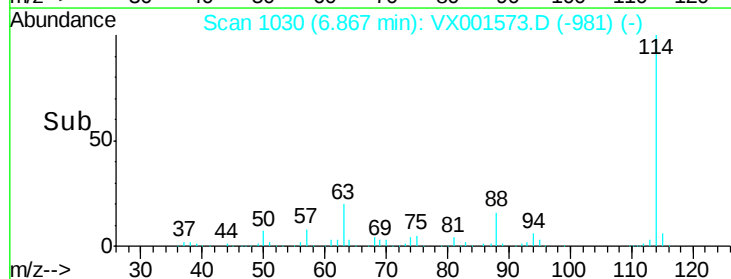
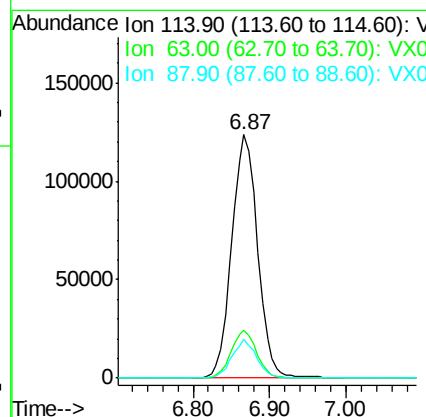
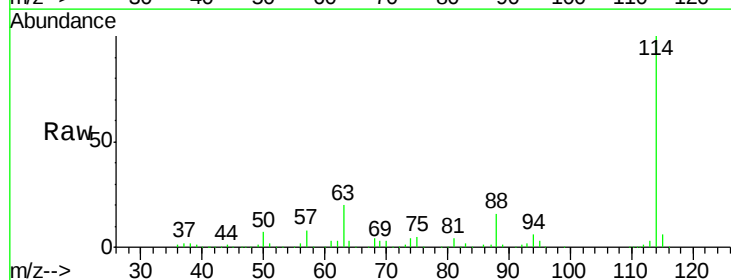
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	290283		
63	19.6	0.0	38.6	
88	16.0	0.0	30.8	





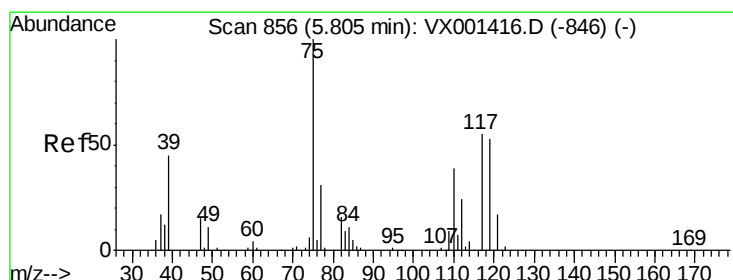
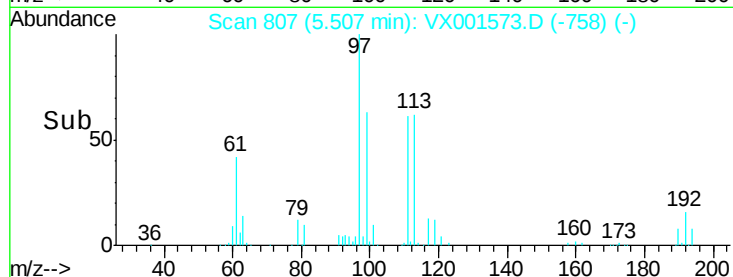
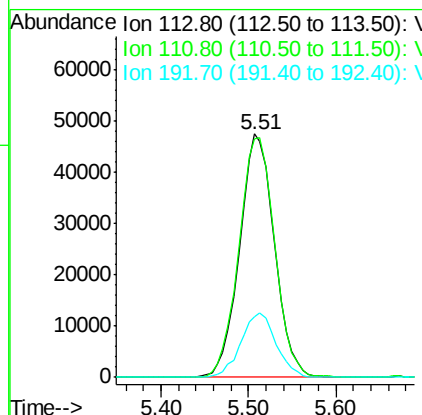
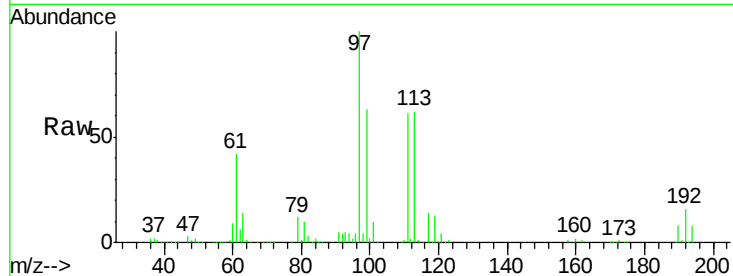
#35
 Dibromofluoromethane
 Concen: 50.82 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131221		
111	101.6	82.2	123.2	
192	26.5	21.4	32.0	

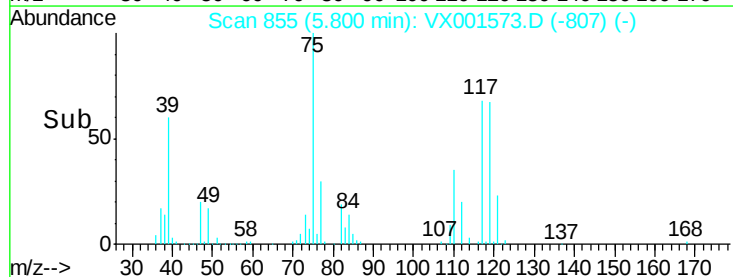
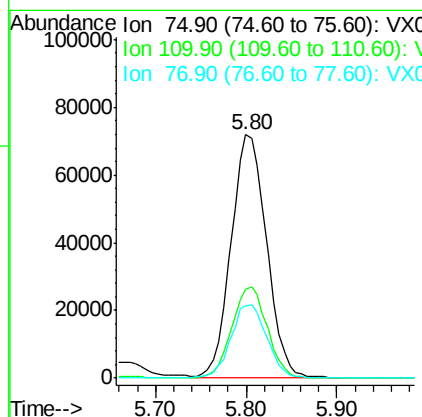
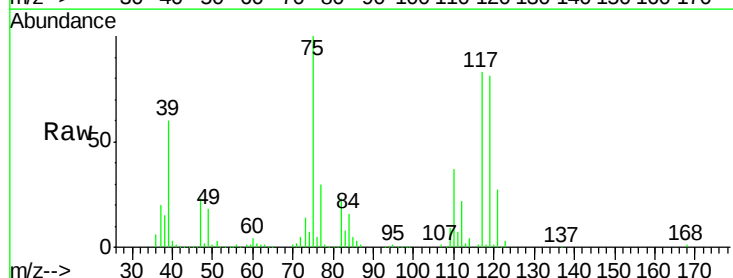
Manual Integrations
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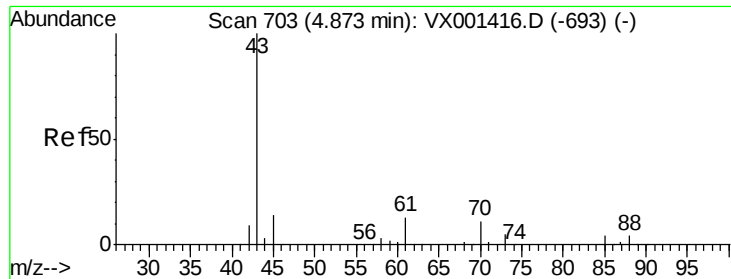
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#36
 1,1-Dichloropropene
 Concen: 52.70 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	194583		
110	37.6	18.9	56.7	
77	31.0	24.9	37.3	





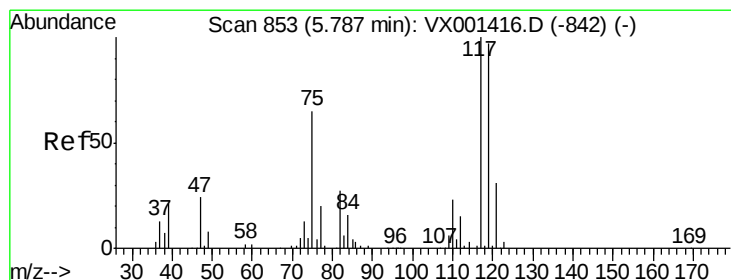
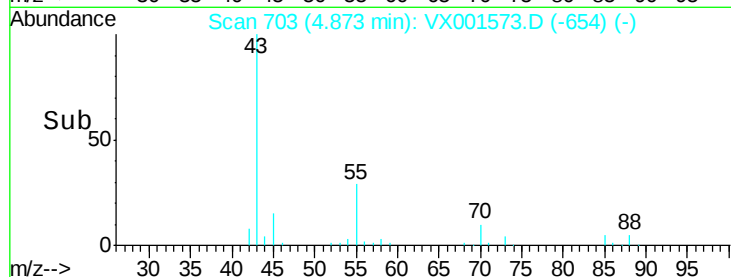
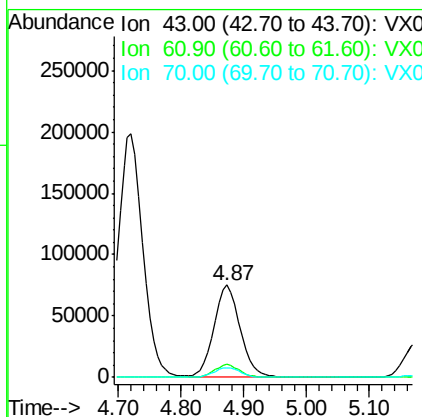
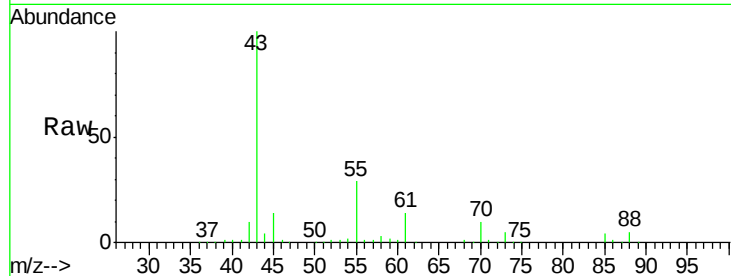
#37
Ethyl Acetate
Concen: 53.64 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.6	8.4	12.6

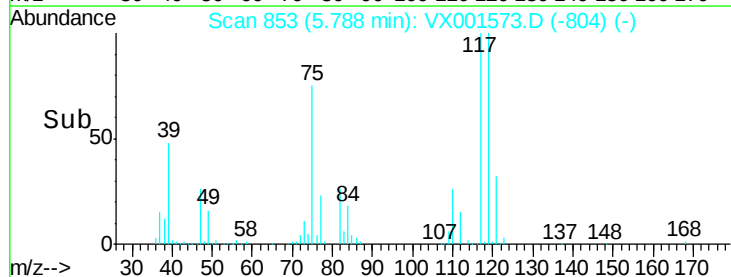
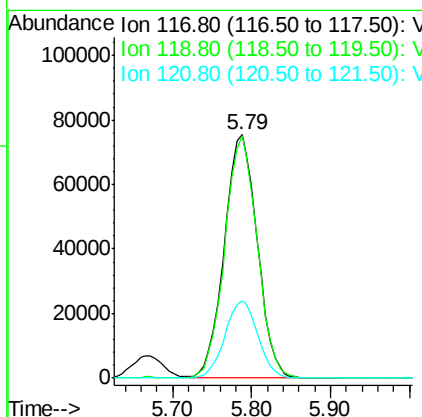
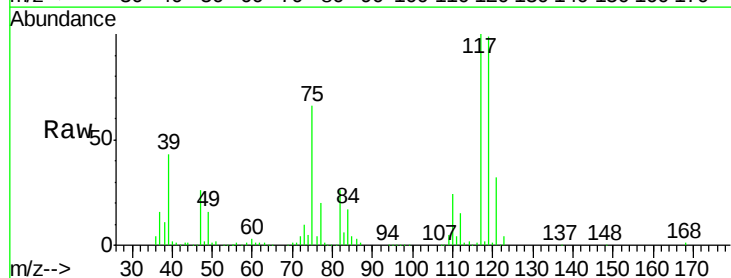
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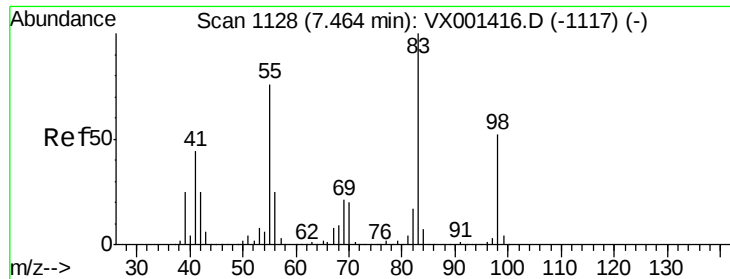
MMDadoda
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#38
Carbon Tetrachloride
Concen: 55.76 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	77.0	115.6
121	32.0	25.1	37.7





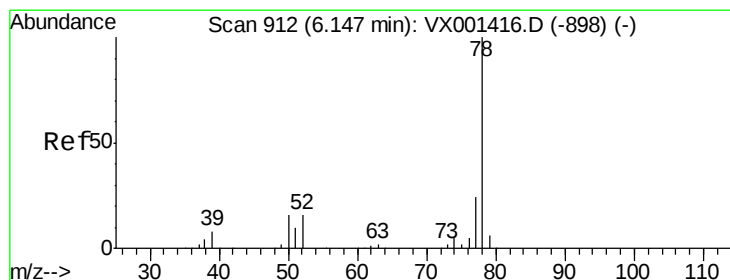
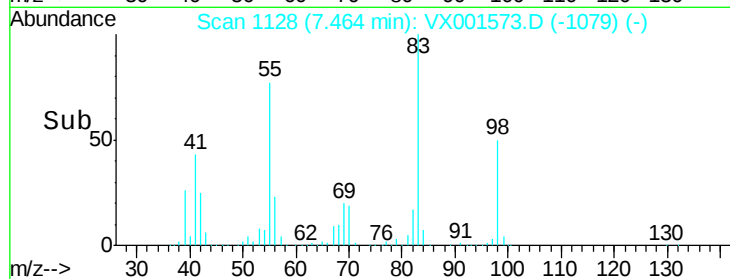
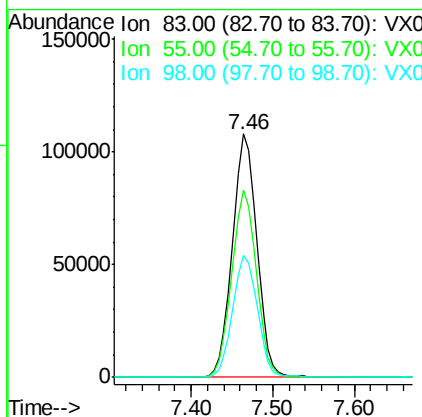
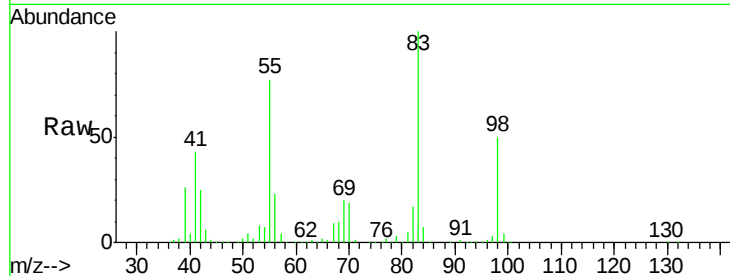
#39
Methvlcvclohexane
Concen: 51.35 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	224174		
55	76.9		60.9	91.3
98	50.4		41.9	62.9

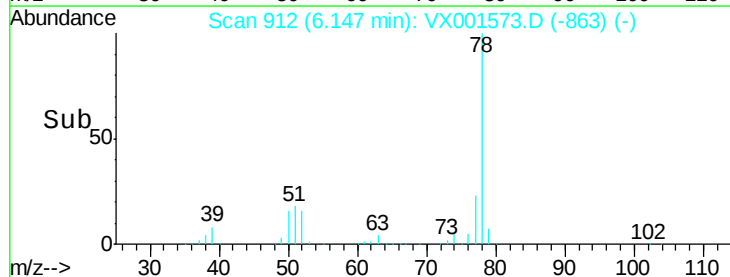
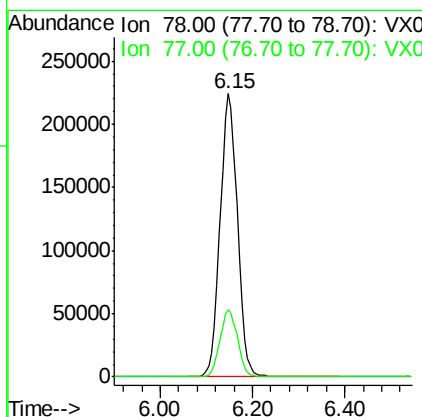
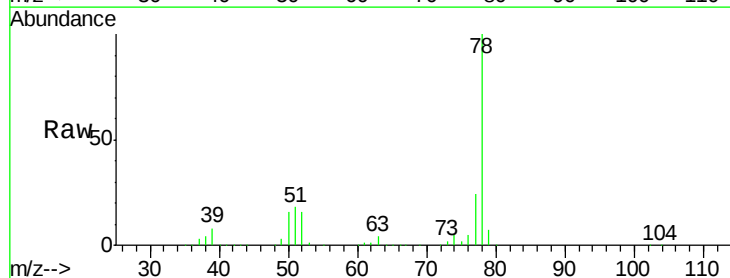
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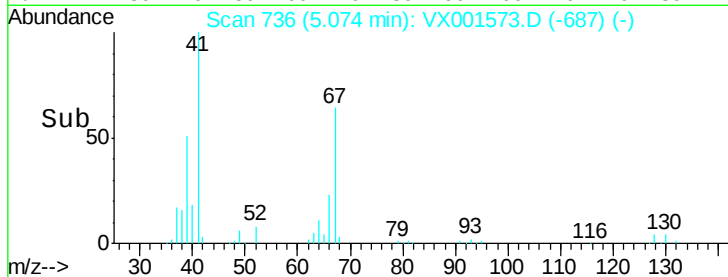
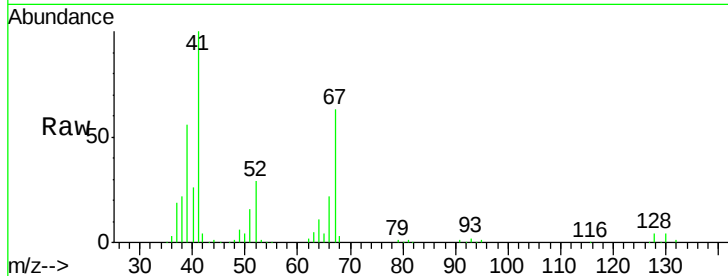
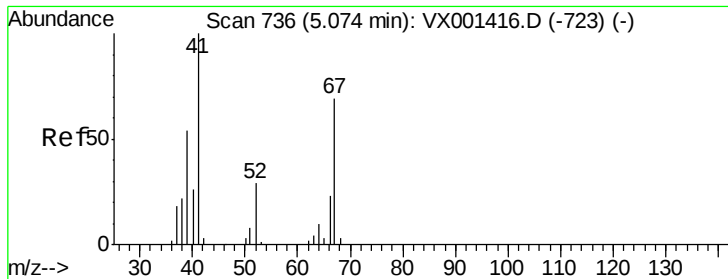
MMDadoda
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#40
Benzene
Concen: 54.30 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	585637		
77	23.8		19.4	29.2





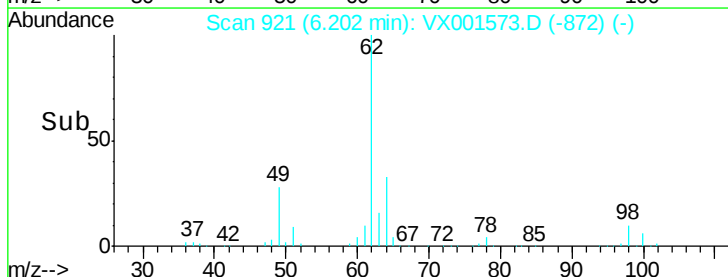
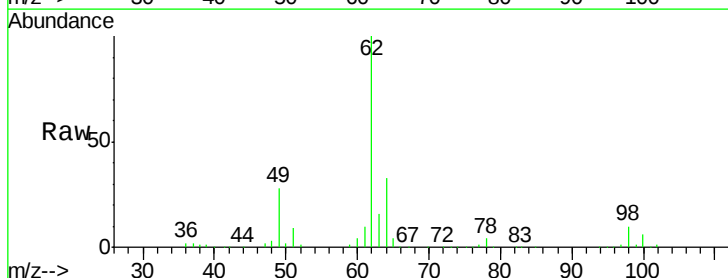
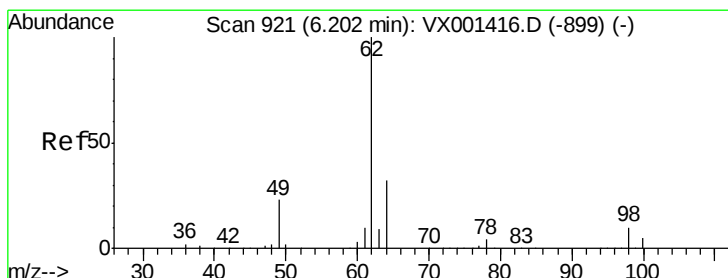
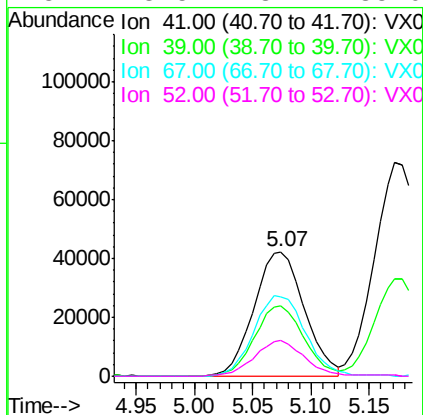
#41
Methacrylonitrile
Concen: 54.32 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.8	45.0	67.6		
67	67.2	55.0	82.6		
52	28.5	23.4	35.0		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

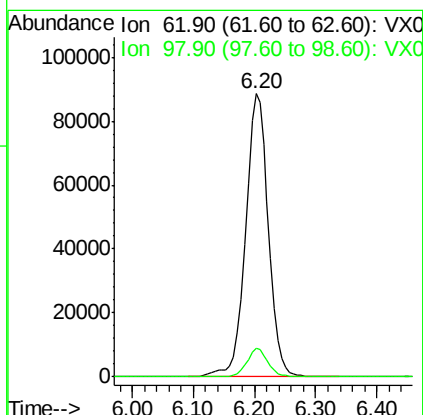
Manual Integrations
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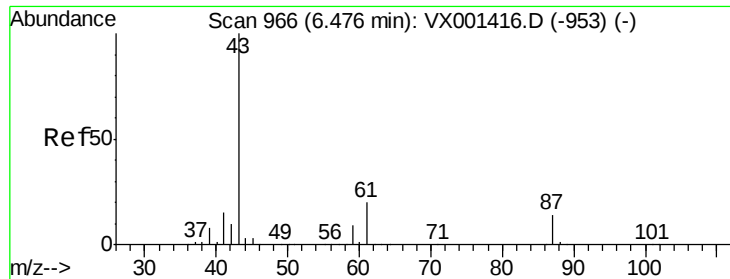
MMDadoda
5/10/2018 1:52:00 PM



#42
1,2-Dichloroethane
Concen: 54.98 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.3	0.0	19.0		





#43

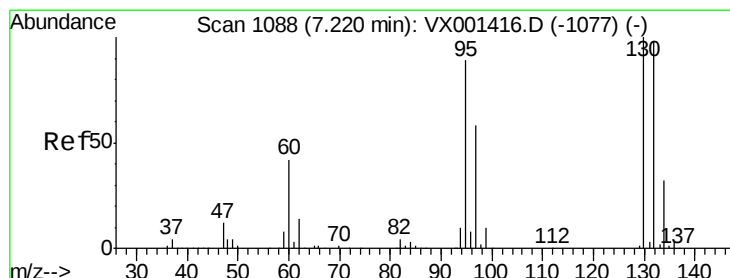
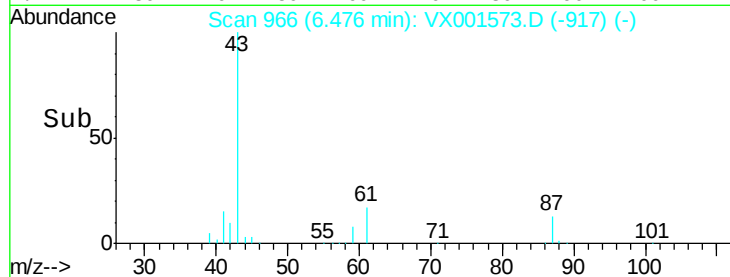
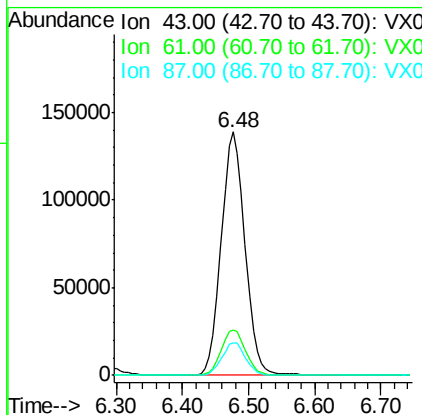
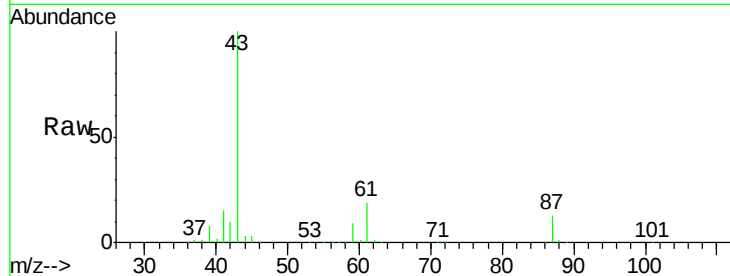
Isopropyl Acetate
 Concen: 55.34 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.4	23.0
87	13.4	10.8	16.2

Manual Integrations
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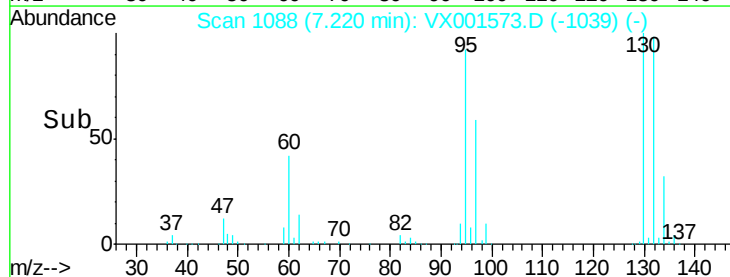
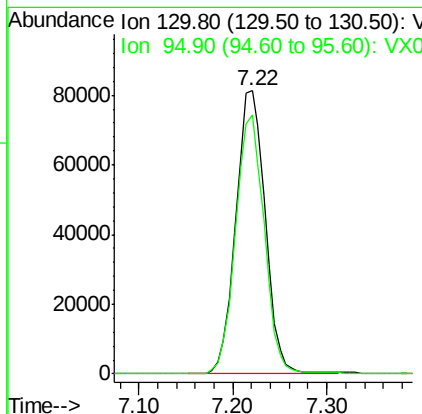
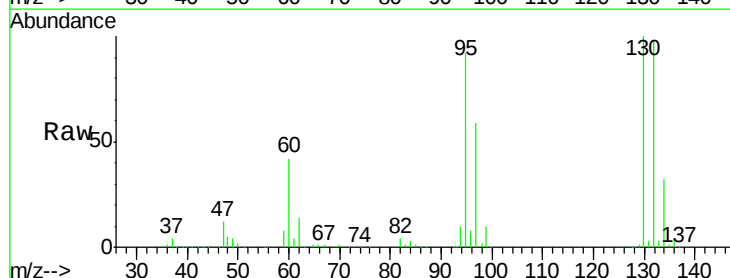
MMDadoda
 5/10/2018 1:52:00 PM

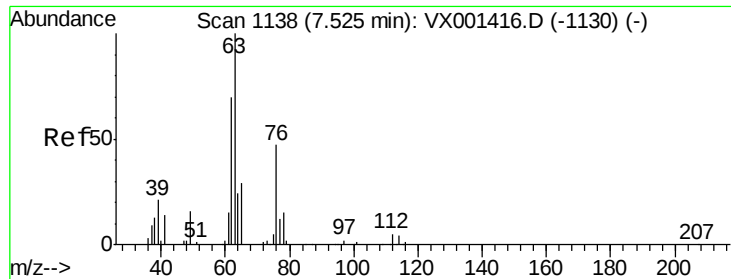


#44

Trichloroethene
 Concen: 53.74 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	178.4





#45

1,2-Dichloropropane

Concen: 55.72 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 149825

Ion Ratio Lower Upper

63 100

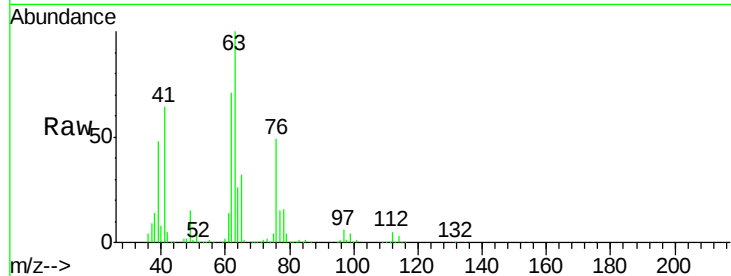
65 31.6 24.5 36.7

Manual Integrations

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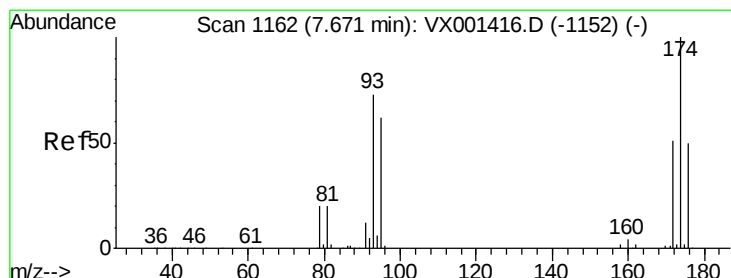
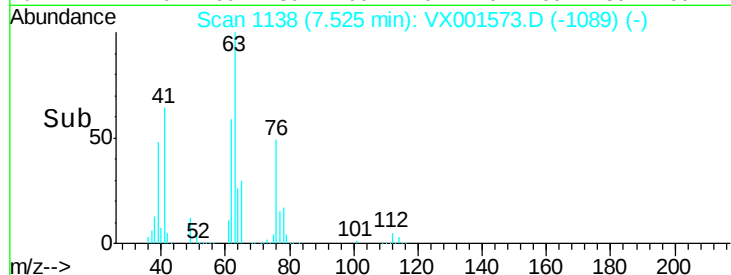
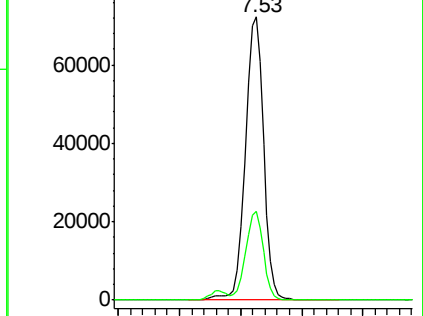
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.48 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

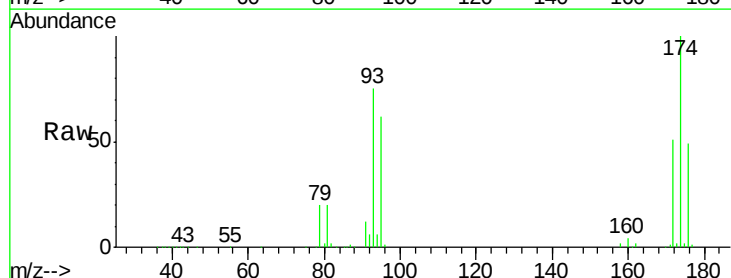
Tgt Ion: 93 Resp: 103704

Ion Ratio Lower Upper

93 100

95 83.5 67.0 100.4

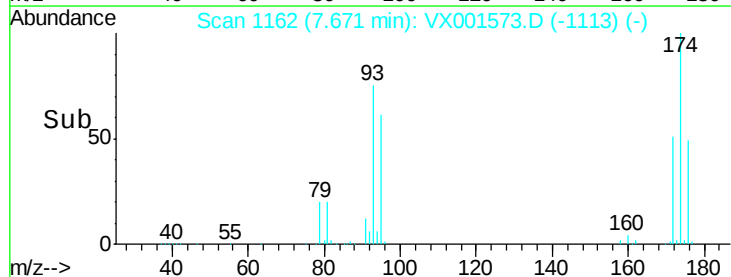
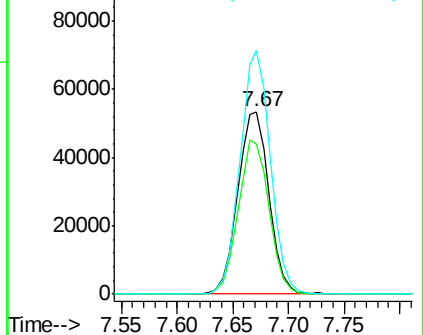
174 130.0 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.98 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

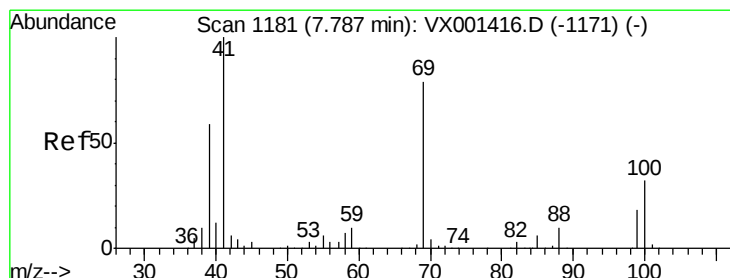
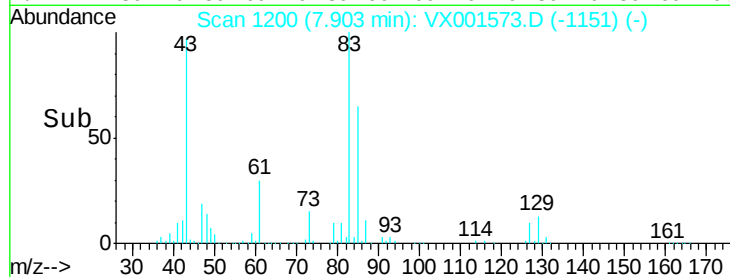
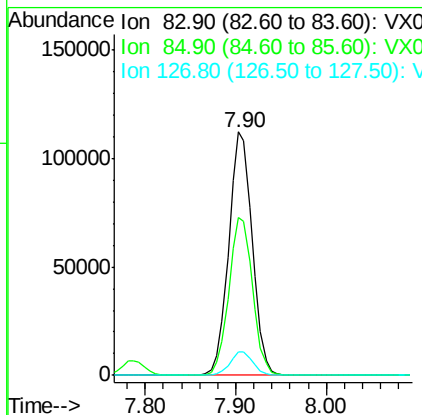
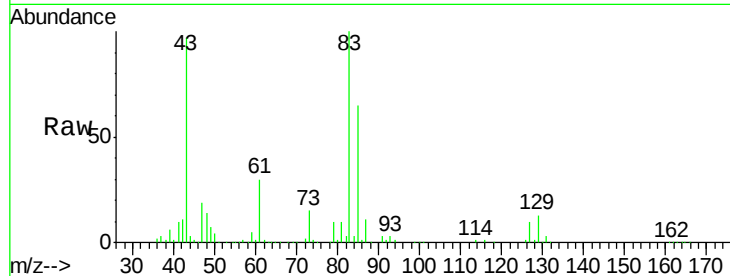
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	204244
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.0	76.6
127	9.9	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.54 ug/l

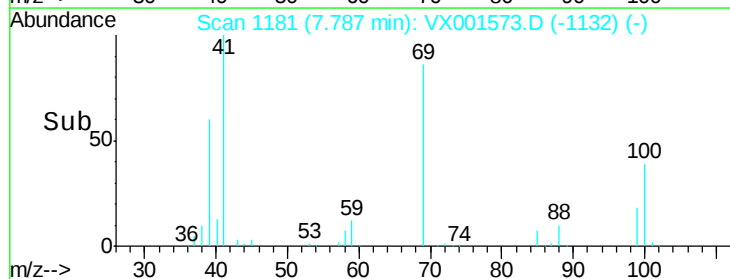
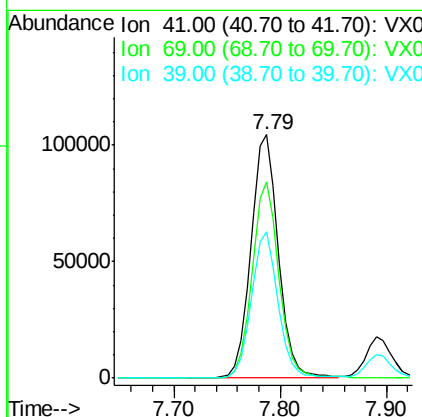
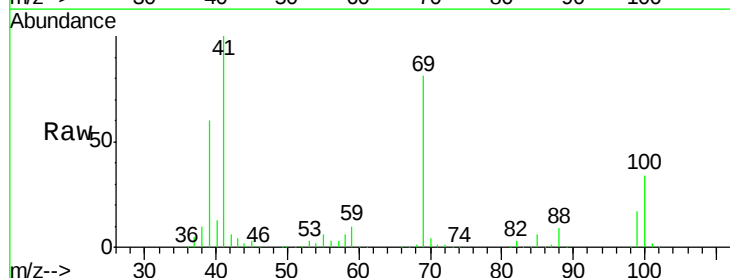
RT: 7.79 min Scan# 1181

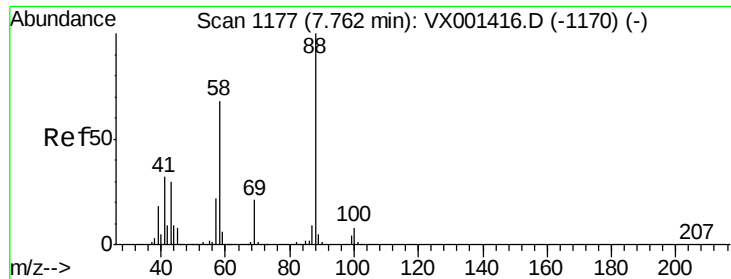
Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion:	41	Resp:	187903
Ion Ratio	Lower	Upper	
41	100		
69	79.1	63.4	95.2
39	58.9	47.0	70.4





#49

1,4-Dioxane

Concen: 1101.39 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

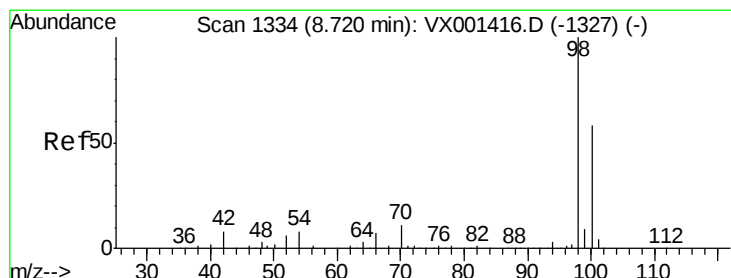
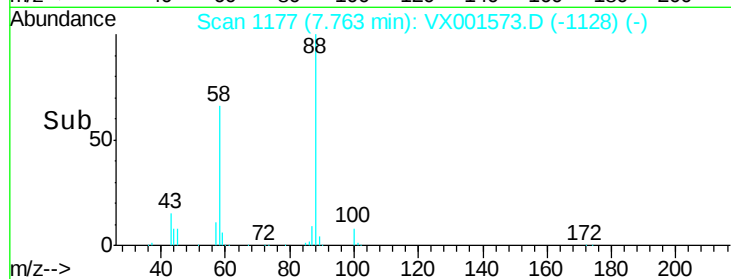
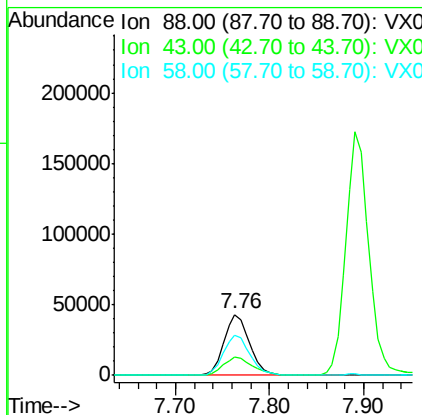
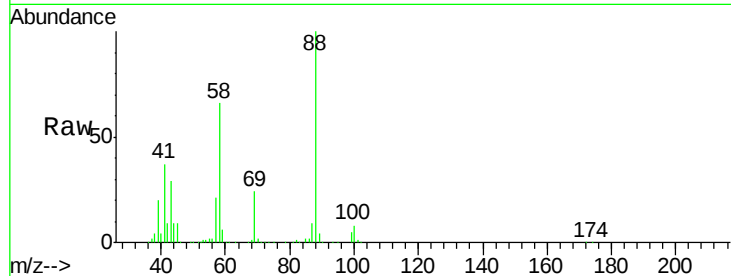
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	26.4	39.6
58	69.0	54.1	81.1

Manual Integrations
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#50

Toluene-d8

Concen: 49.96 ug/l

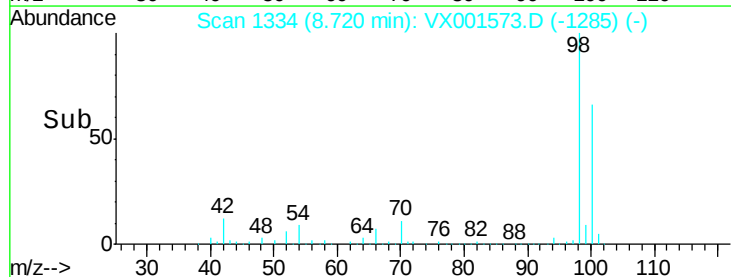
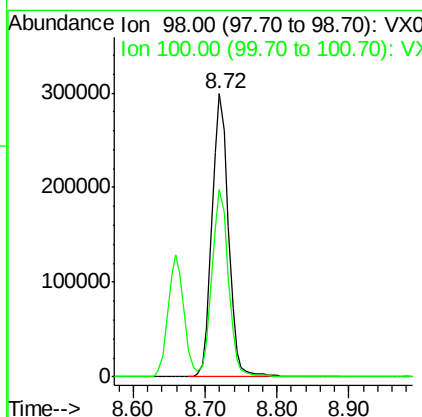
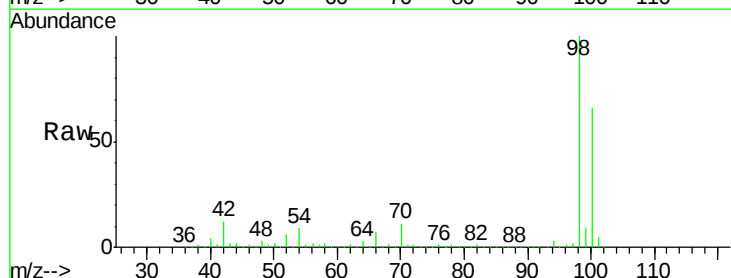
RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	54.0	81.0





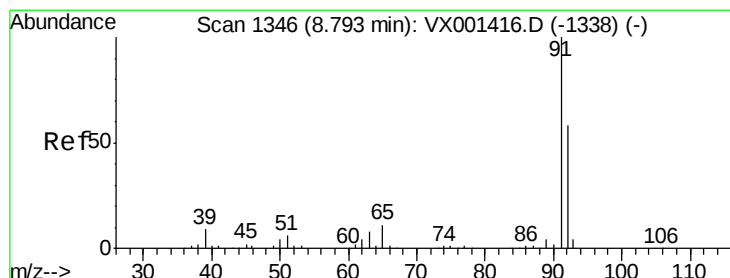
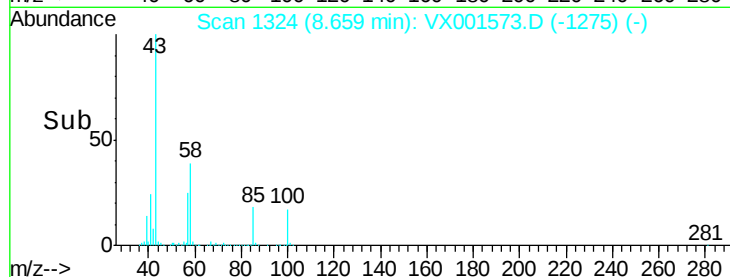
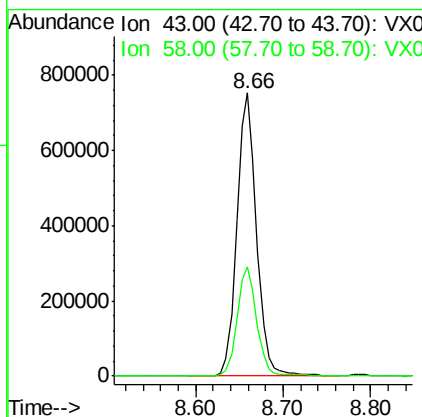
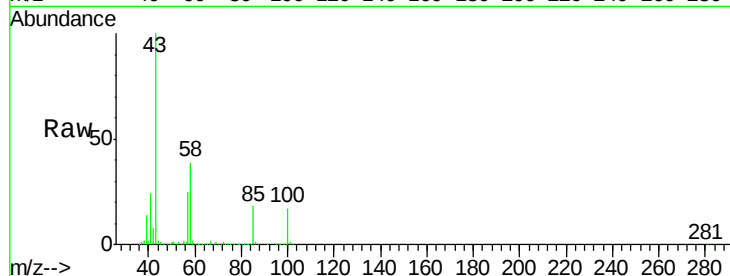
#51
 4-Methyl-2-Pentanone
 Concen: 286.04 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1181082
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.8 46.2

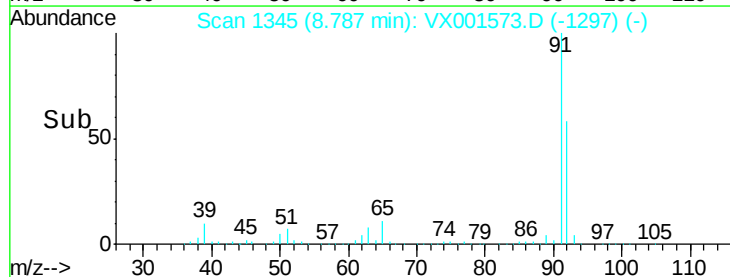
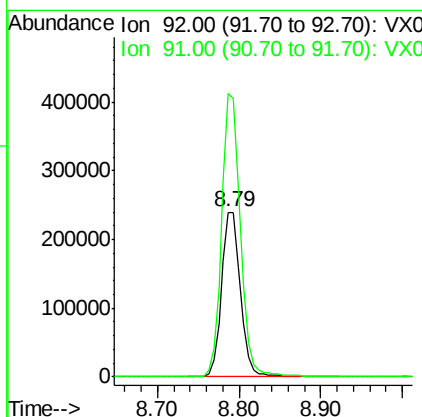
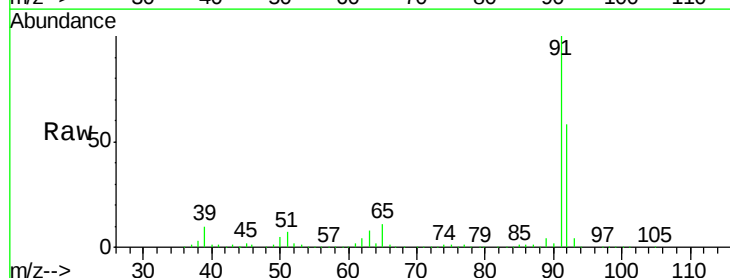
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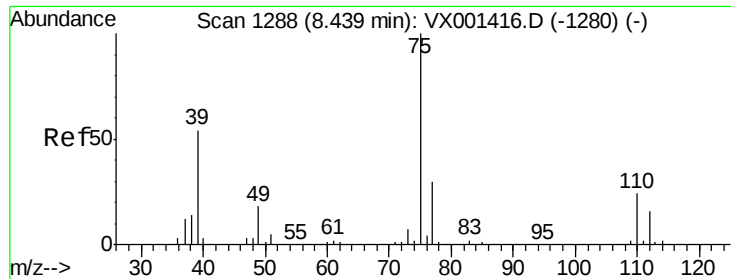
MMDadoda
 5/10/2018 1:52:00 PM



#52
 Toluene
 Concen: 54.74 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Tgt Ion: 92 Resp: 386005
 Ion Ratio Lower Upper
 92 100
 91 171.2 135.2 202.8





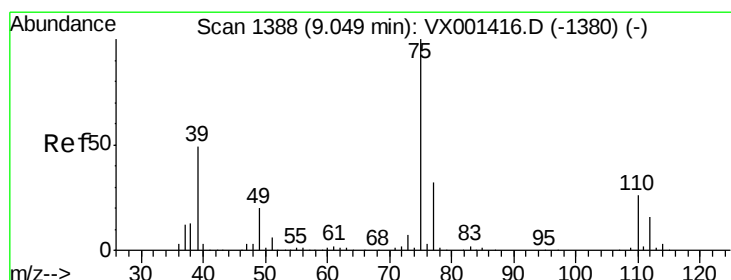
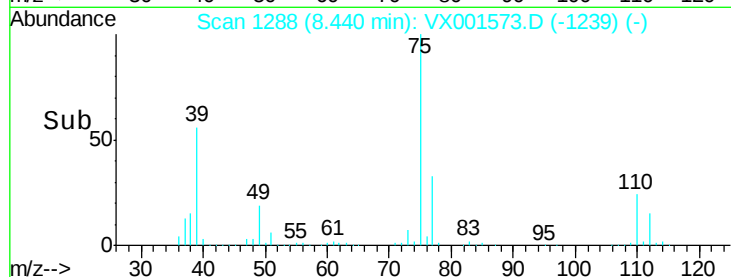
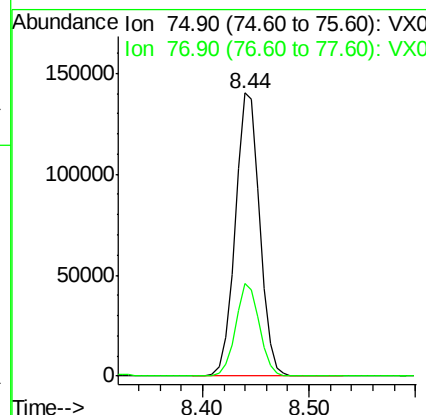
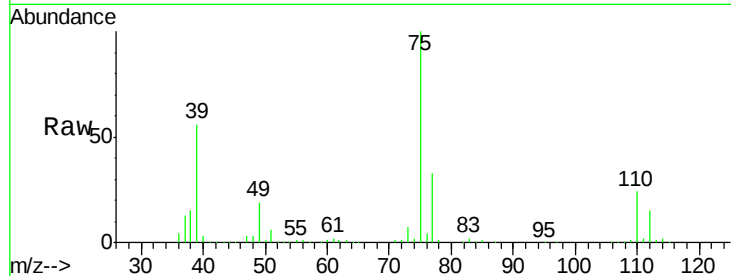
#53
t-1,3-Dichloropropene
Concen: 56.53 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.2	36.4

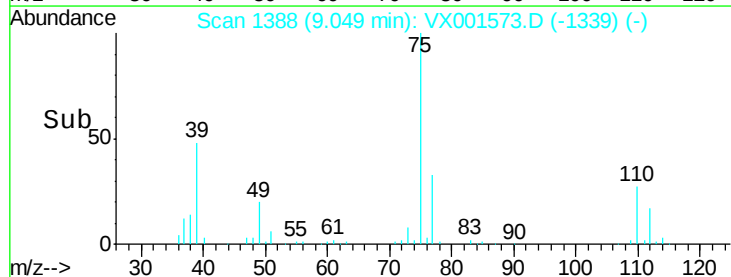
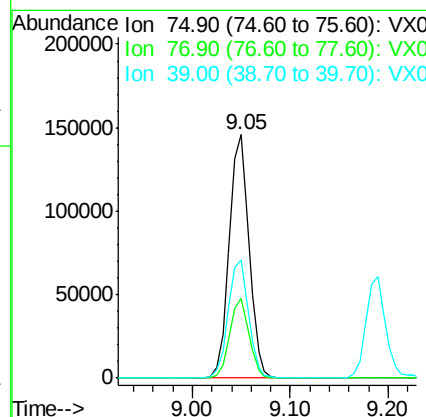
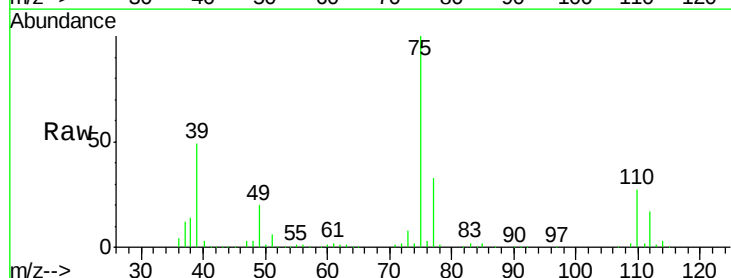
Manual Integrations
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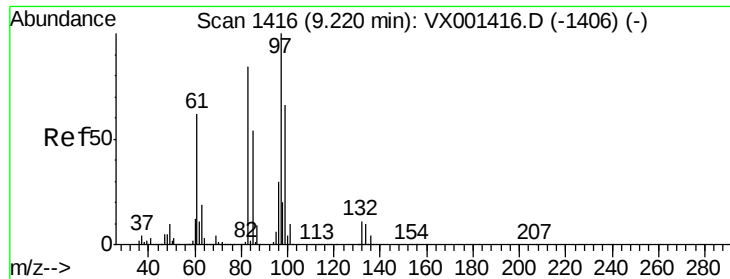
MMDadoda
5/10/2018 1:52:00 PM



#54
cis-1,3-Dichloropropene
Concen: 50.15 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3
39	48.6	38.9	58.3





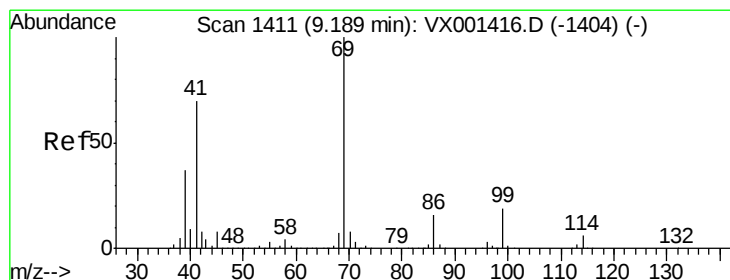
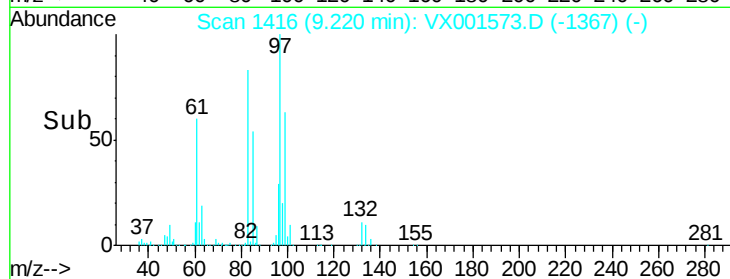
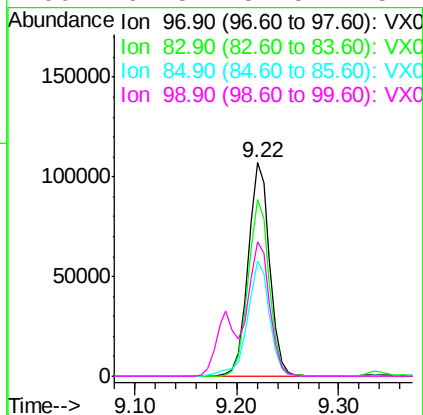
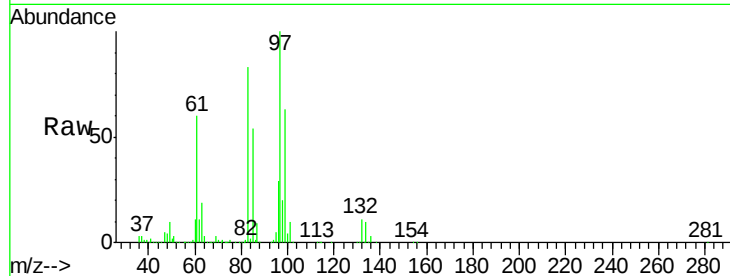
#55
 1,1,2-Trichloroethane
 Concen: 55.50 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	157689
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.4	101.0
85	54.0	43.3	64.9
99	62.8	52.5	78.7

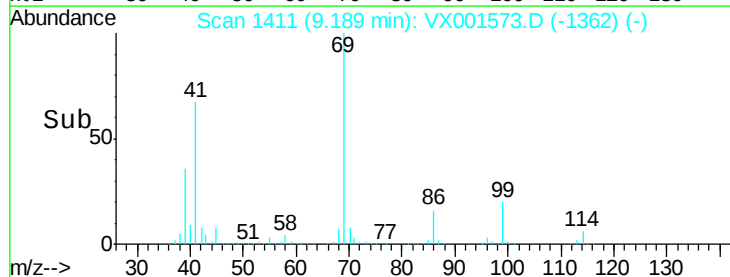
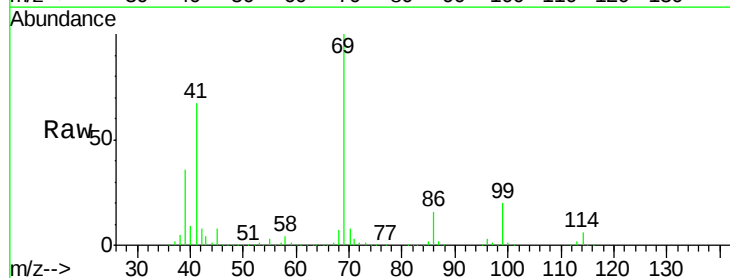
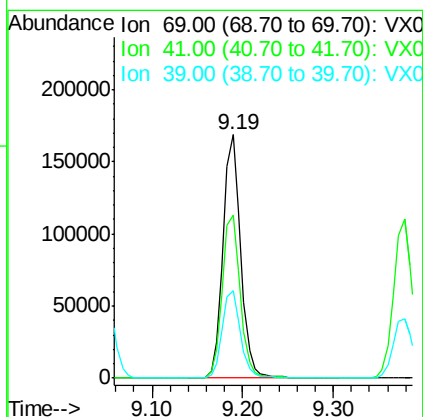
Manual Integrations
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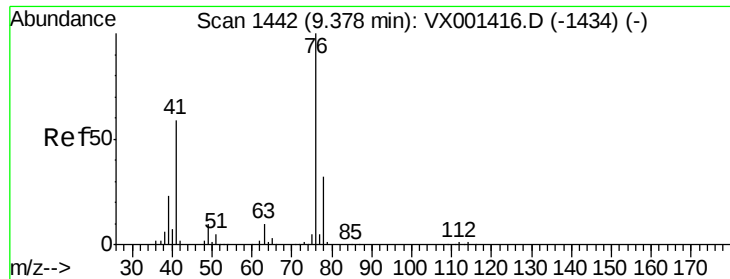
MMDadoda
 5/10/2018 1:52:00 PM



#56
 Ethyl methacrylate
 Concen: 56.20 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Tgt Ion:	69	Resp:	230163
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.1	82.7
39	36.9	29.9	44.9





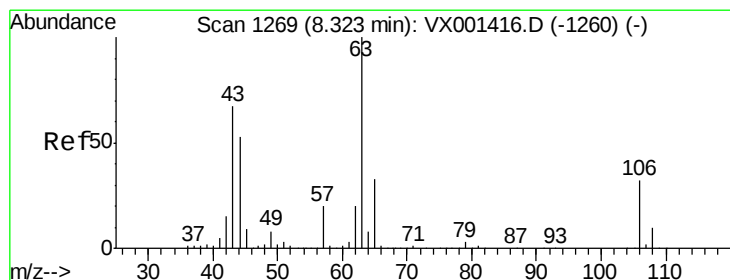
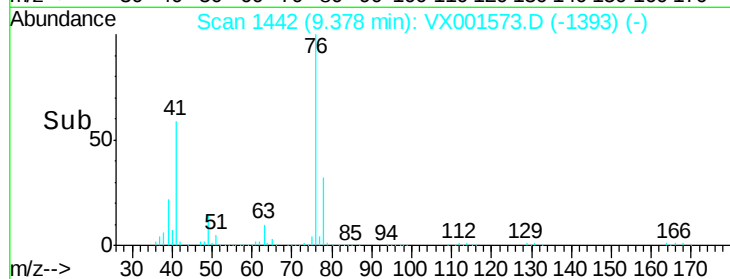
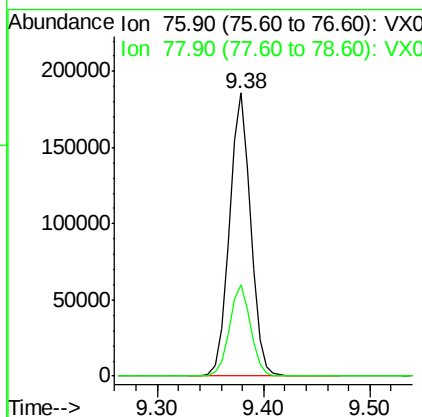
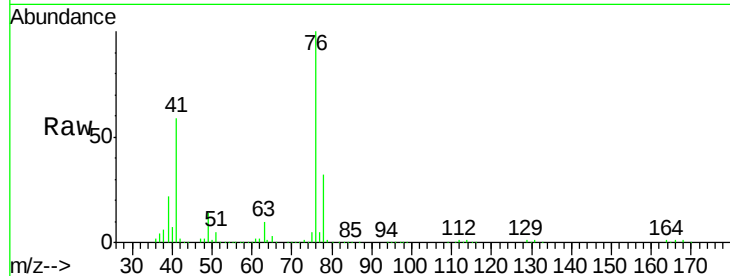
#57
 1,3-Dichloropropane
 Concen: 55.29 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

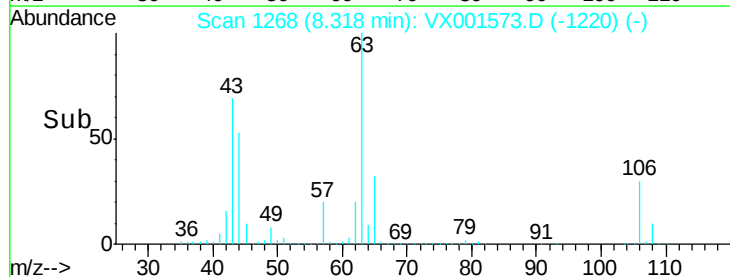
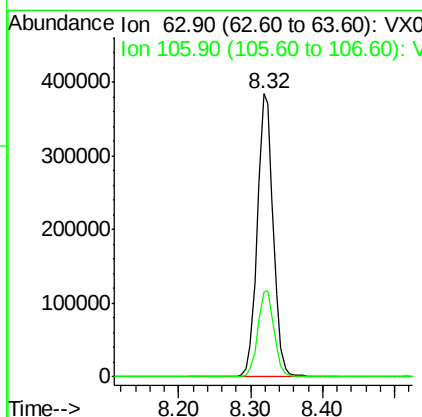
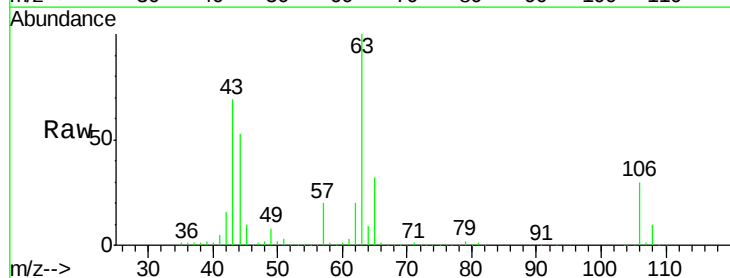
Manual Integrations
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MMDadoda
 5/10/2018 1:52:00 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 295.51 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.1	25.4	38.0





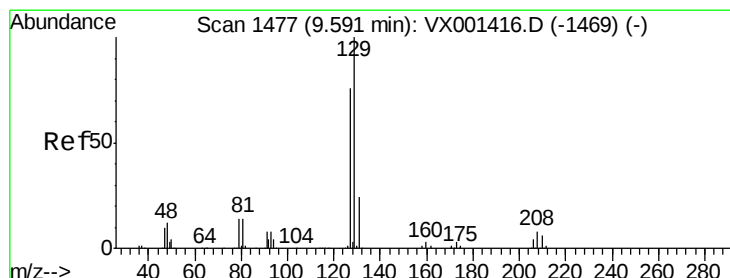
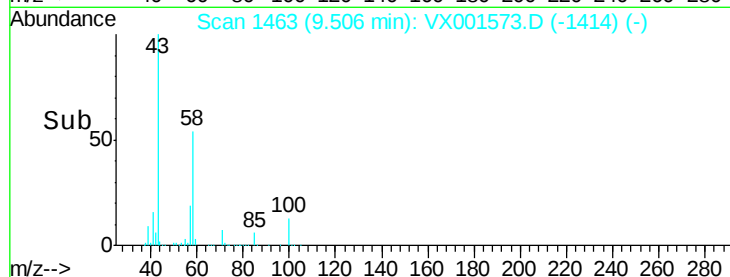
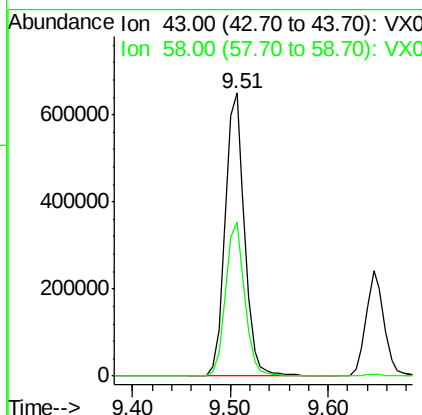
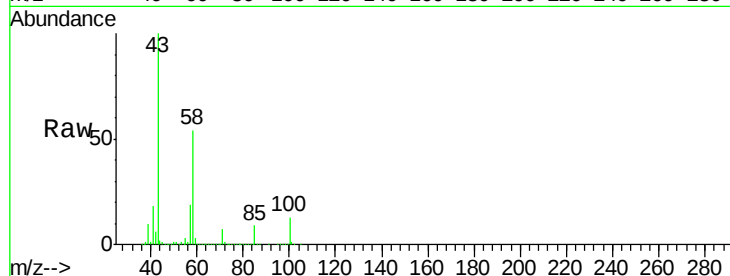
#59
2-Hexanone
Concen: 281.39 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	27.1	81.2

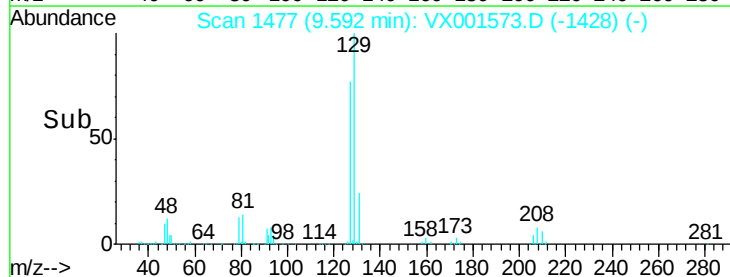
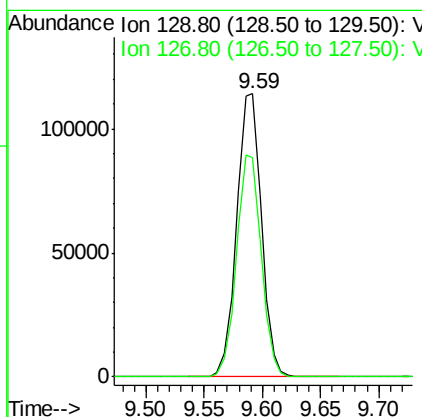
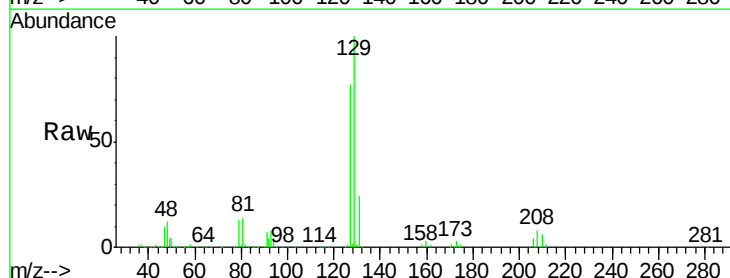
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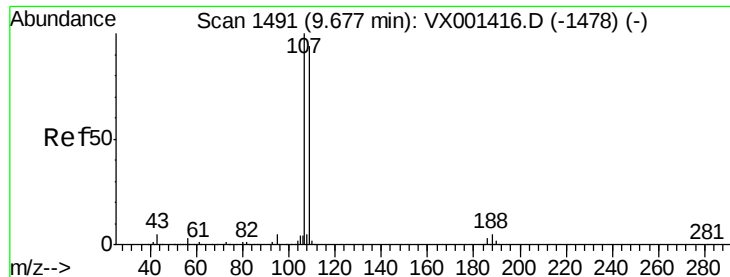
MMDadoda
5/10/2018 1:52:00 PM



#60
Dibromochloromethane
Concen: 58.24 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.1	114.5





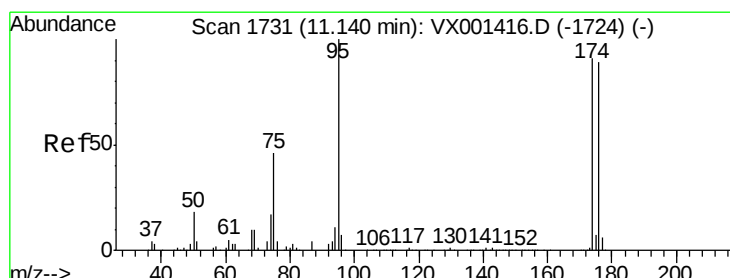
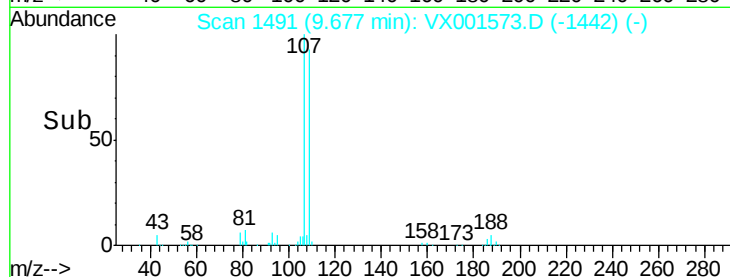
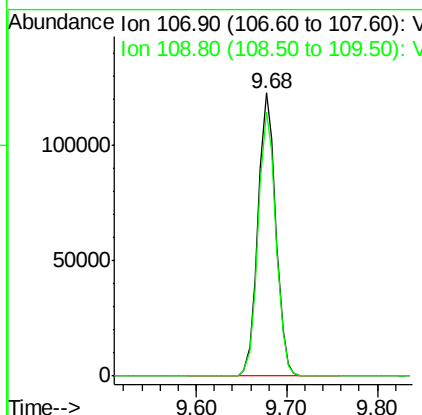
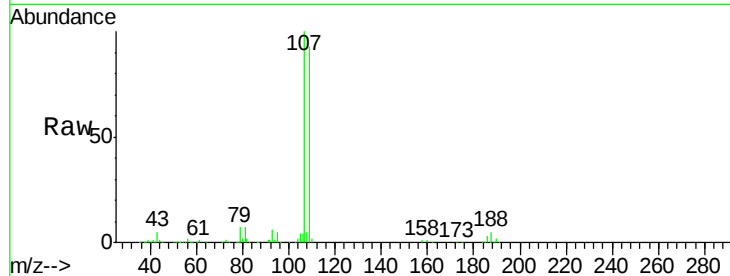
#61
 1,2-Dibromoethane
 Concen: 56.10 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	167367		
109	93.1	75.5	113.3	

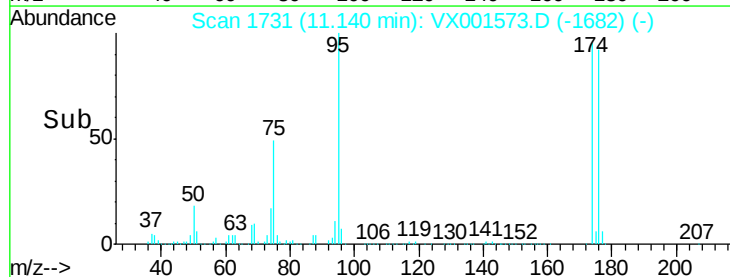
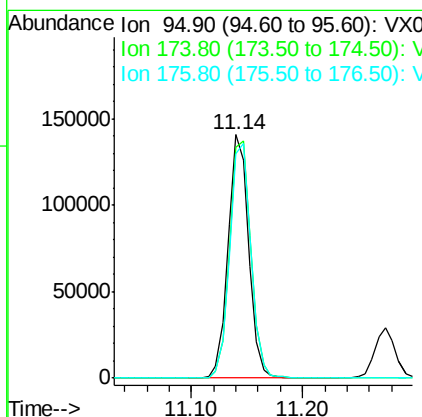
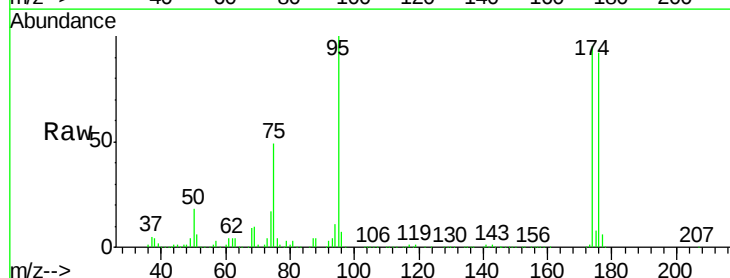
Manual Integrations
 APPROVED

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#62
 4-Bromofluorobenzene
 Concen: 49.80 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	180175		
174	100.9	0.0	202.0	
176	99.0	0.0	197.4	





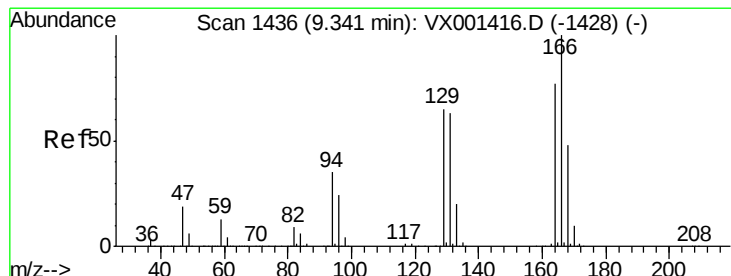
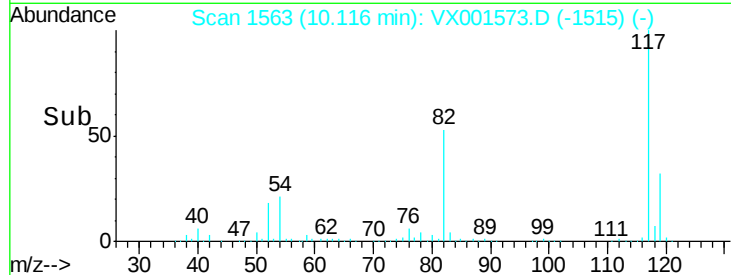
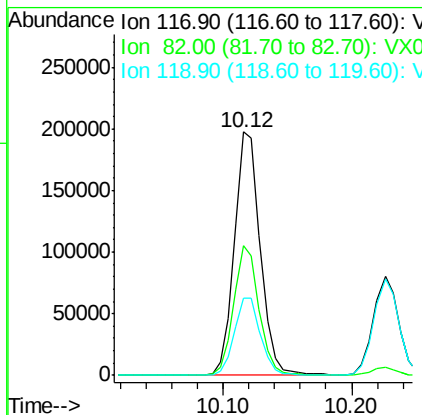
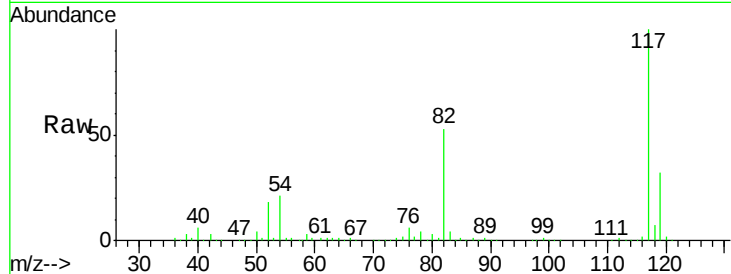
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	276831		
82	53.1	40.0	60.0	
119	31.7	25.8	38.8	

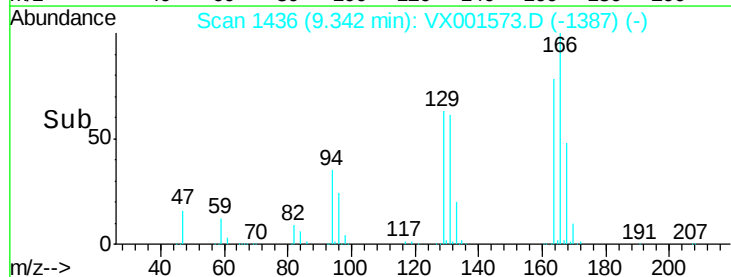
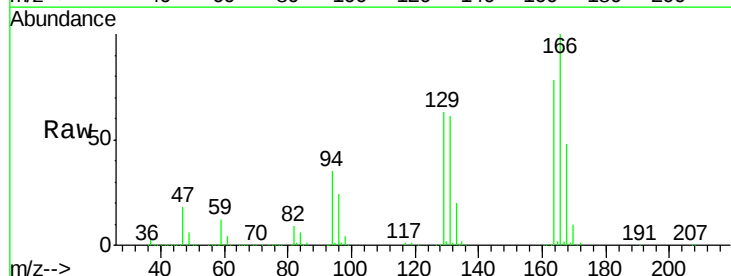
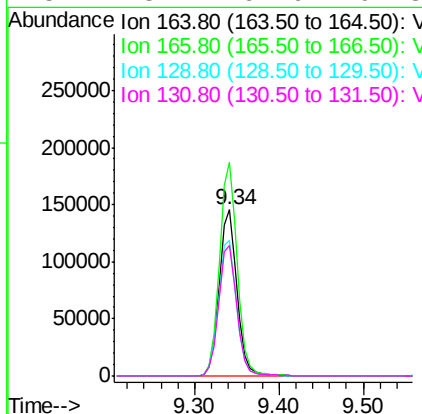
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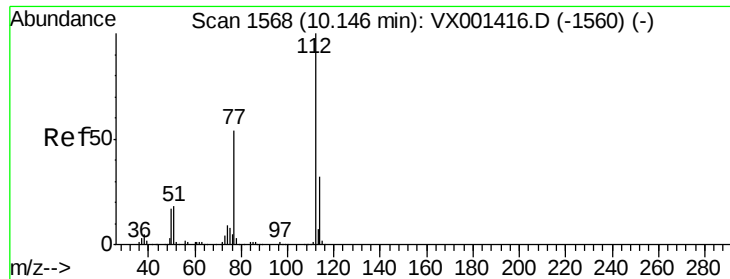
MMDadoda
5/10/2018 1:52:00 PM



#64
Tetrachloroethene
Concen: 55.31 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	213410		
166	128.6	103.5	155.3	
129	81.5	66.7	100.1	
131	78.7	64.9	97.3	





#65

Chlorobenzene

Concen: 54.35 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 441296

Ion Ratio Lower Upper

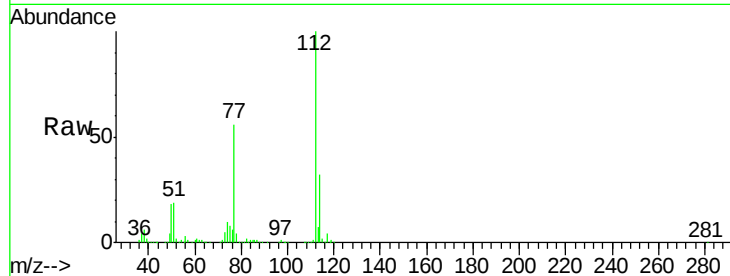
112 100

114 32.2 26.0 39.0

Manual Integrations
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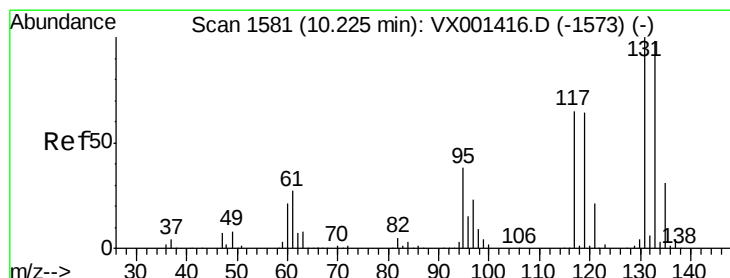
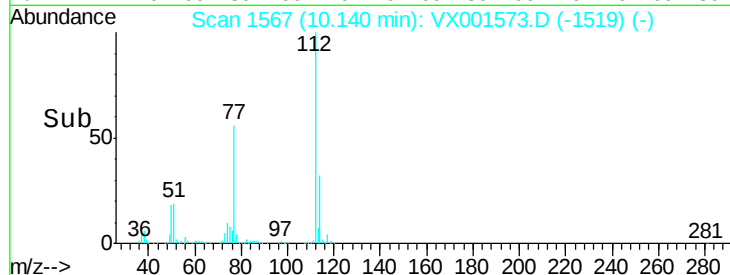
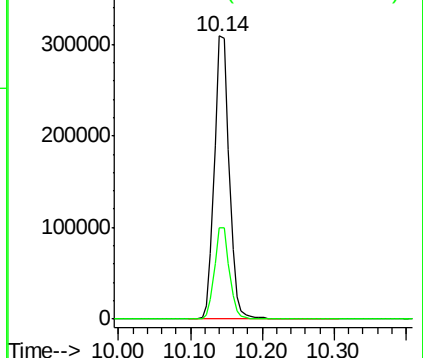
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 57.31 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

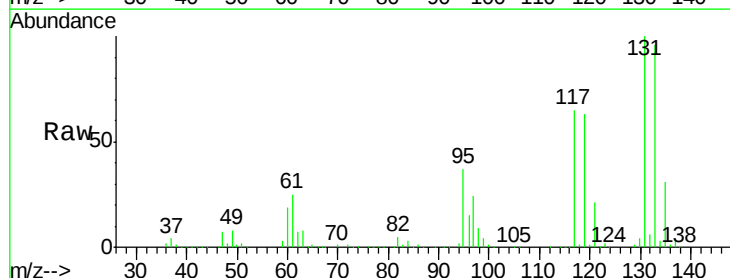
Tgt Ion:131 Resp: 166431

Ion Ratio Lower Upper

131 100

133 96.5 47.9 143.8

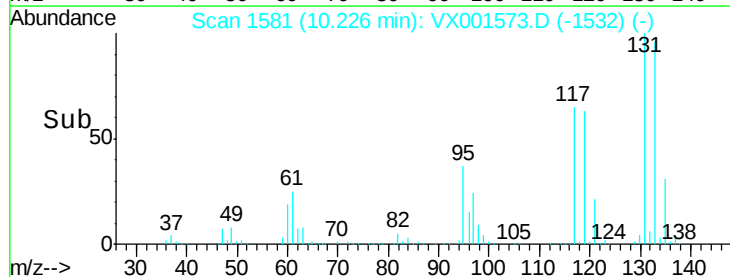
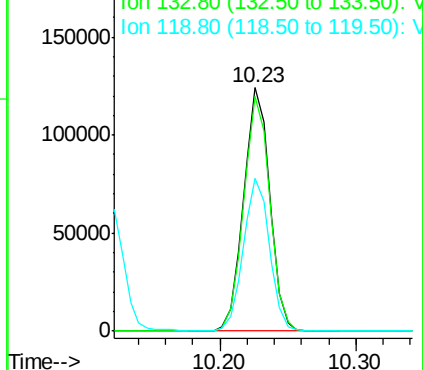
119 62.9 31.1 93.3

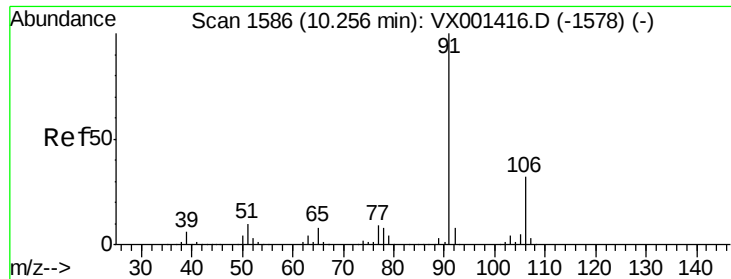


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





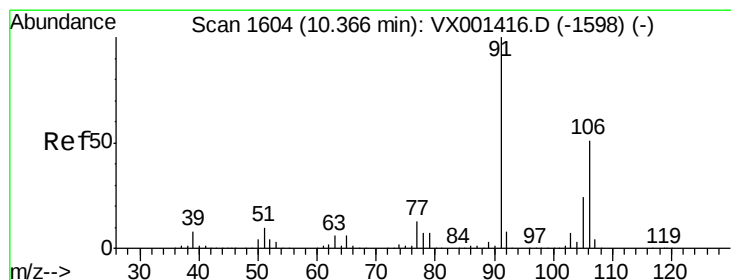
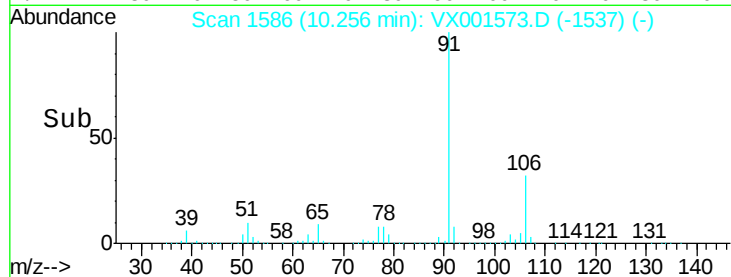
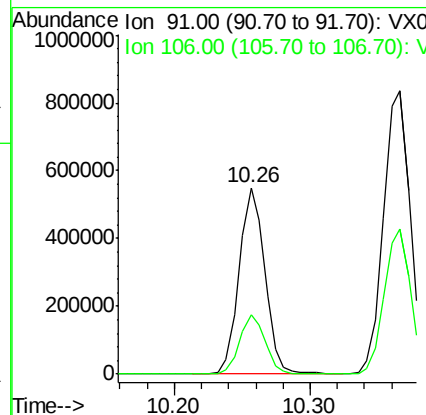
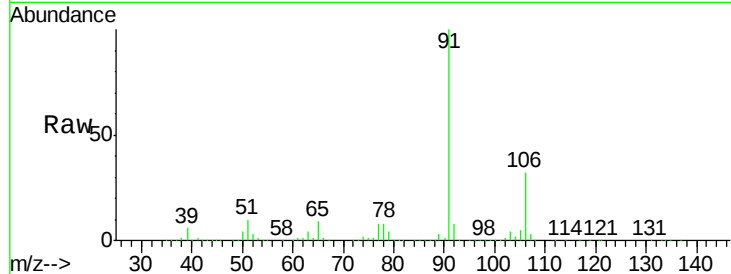
#67
Ethyl Benzene
Concen: 54.93 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 730991
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

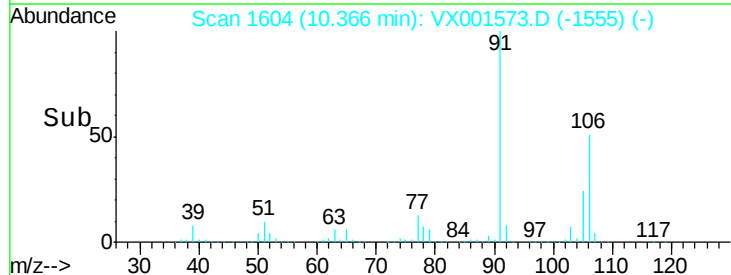
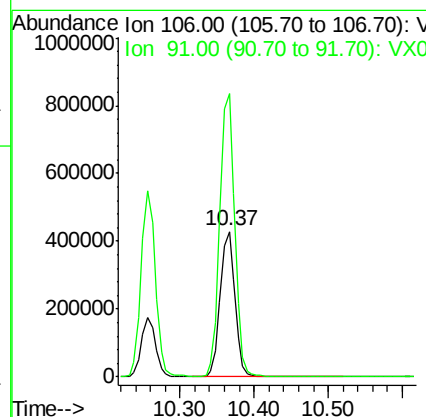
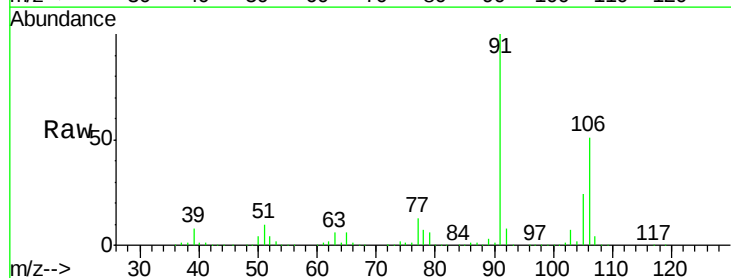
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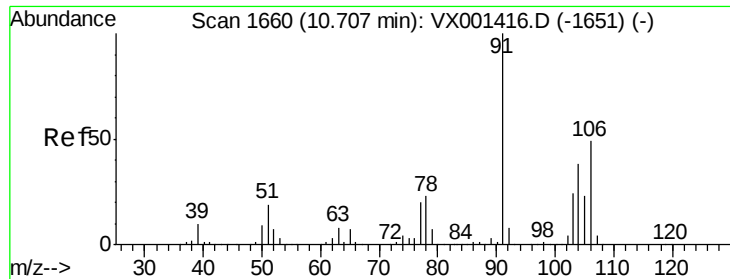
MMDadoda
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#68
m/p-Xylenes
Concen: 111.10 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion: 106 Resp: 584190
Ion Ratio Lower Upper
106 100
91 197.9 157.5 236.3





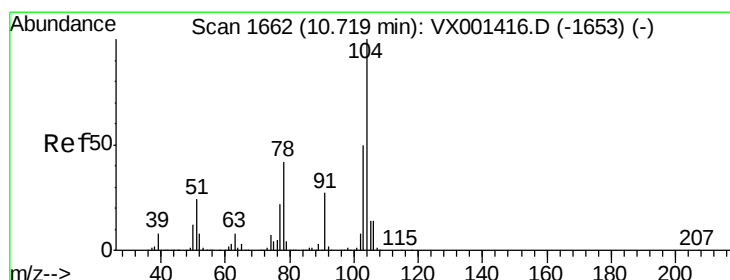
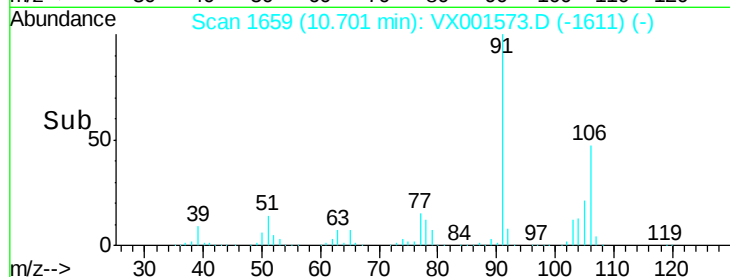
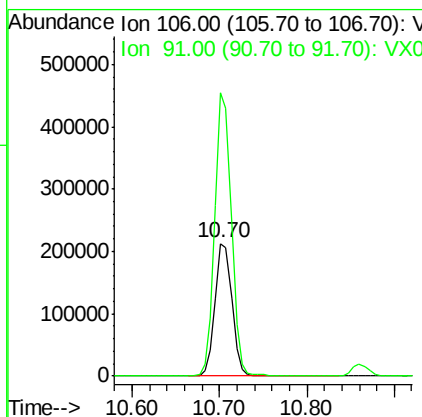
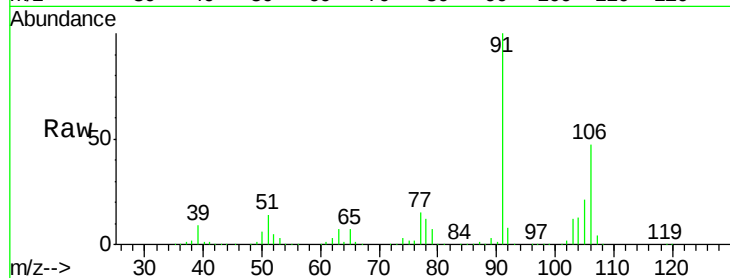
#69
o-Xylene
Concen: 55.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 285652
Ion Ratio Lower Upper
106 100
91 209.4 103.1 309.1

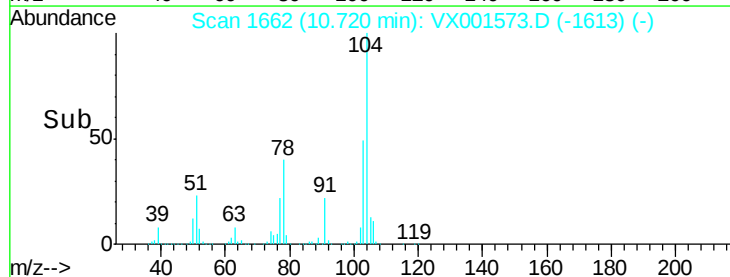
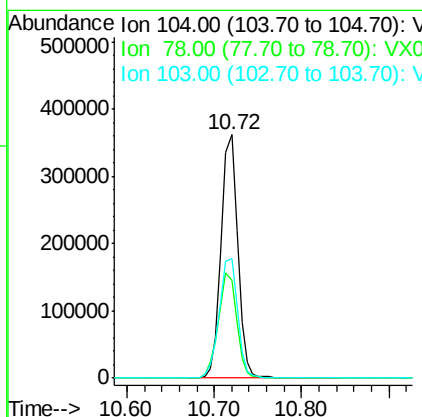
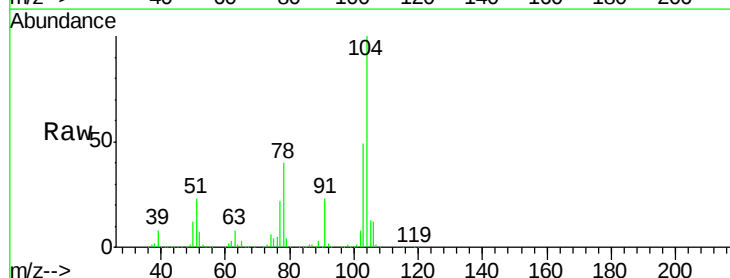
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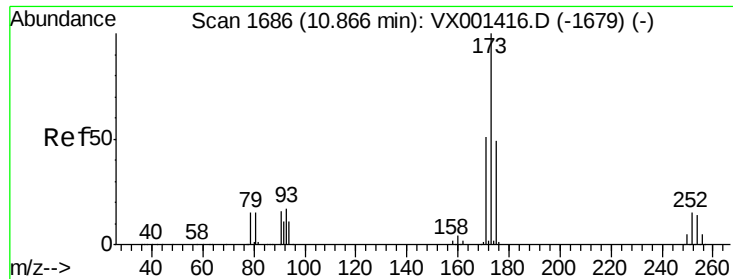
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#70
Styrene
Concen: 57.62 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion:104 Resp: 478368
Ion Ratio Lower Upper
104 100
78 47.7 38.6 58.0
103 54.6 44.0 66.0





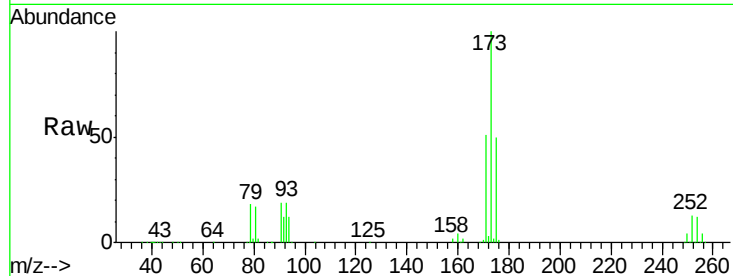
#71
Bromoform
Concen: 50.43 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

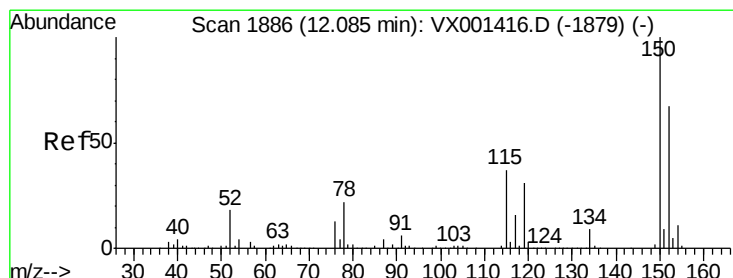
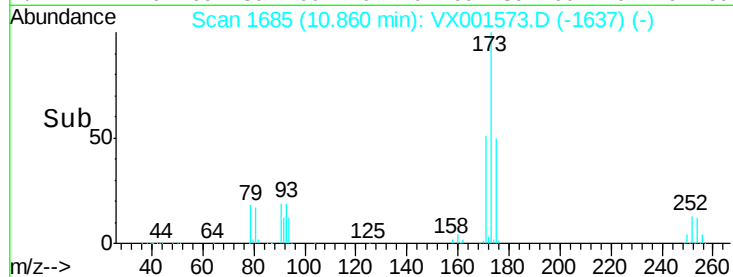
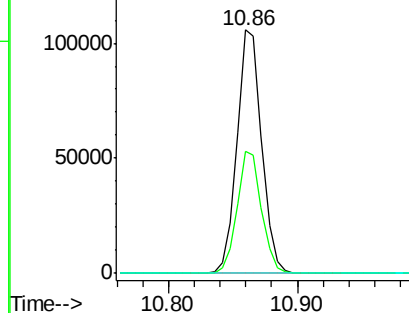
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.5	73.5
254	0.3	0.2	0.2#

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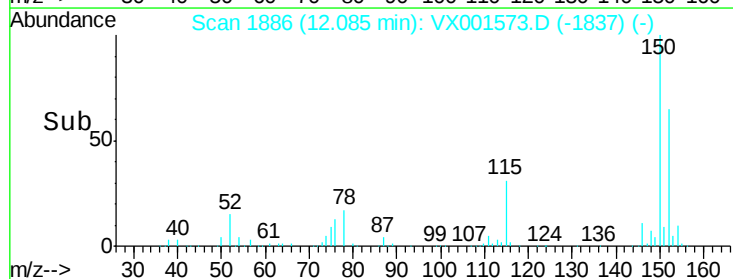
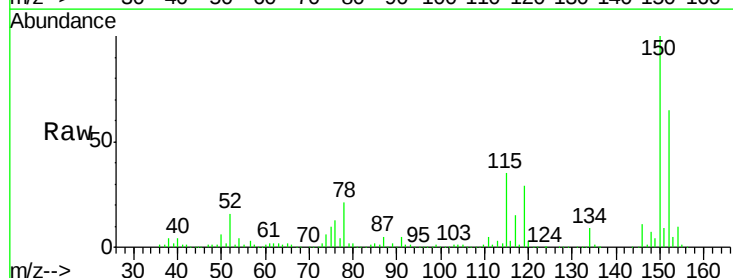
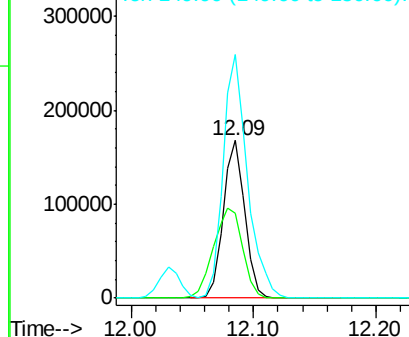
Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

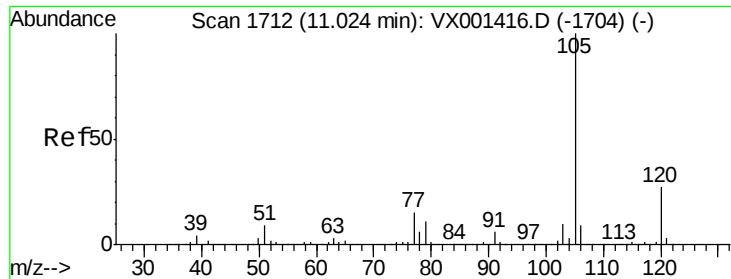


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.5	37.7	113.1
150	175.5	0.0	349.4

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: 54.50 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 769621

Ion Ratio Lower Upper

105 100

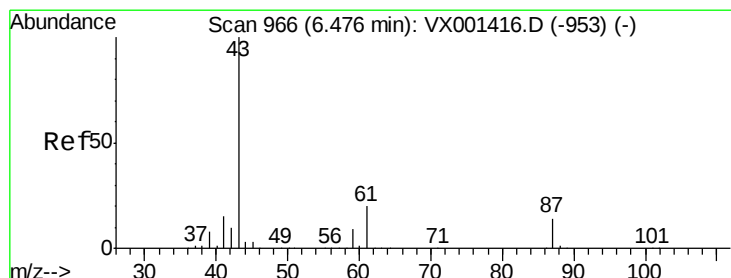
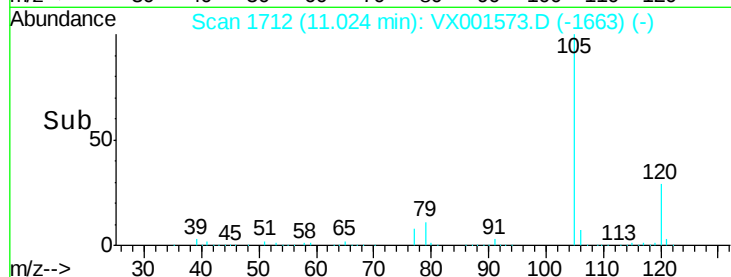
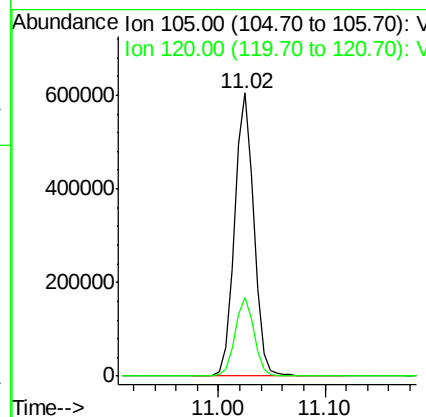
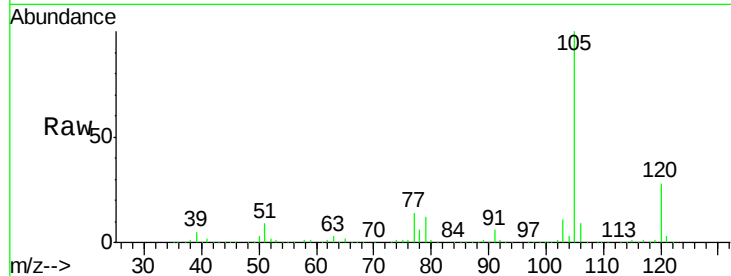
120 27.5 13.6 40.8

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#74

N-ethyl acetate

Concen: 53.61 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion: 43 Resp: 343869

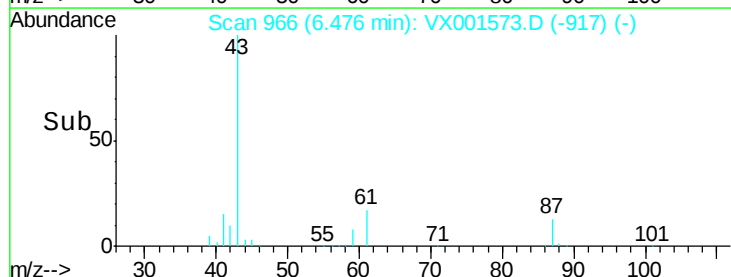
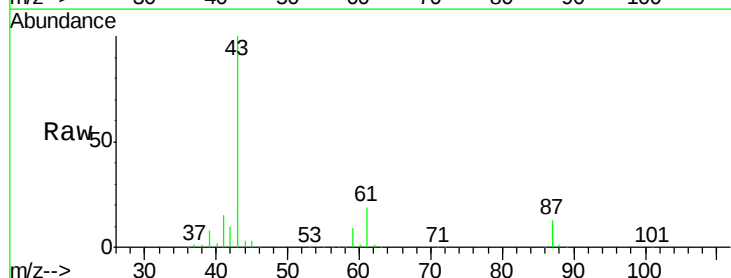
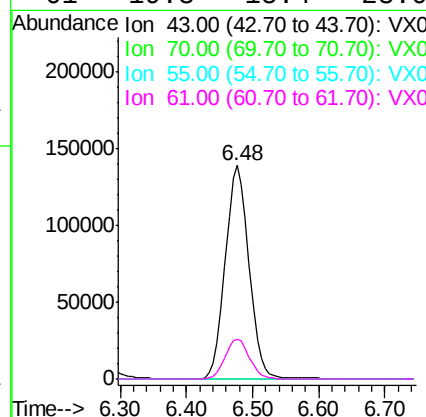
Ion Ratio Lower Upper

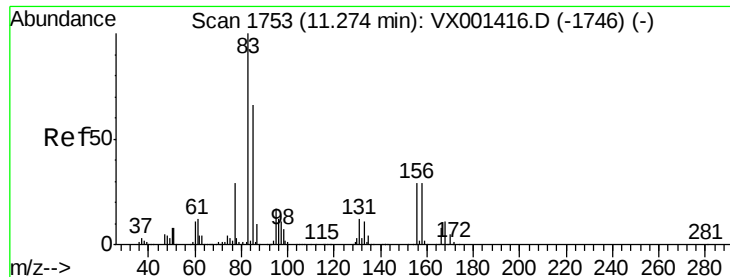
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.3 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.30 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 226452

Ion Ratio Lower Upper

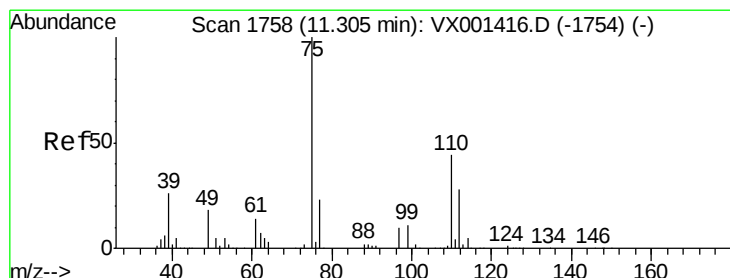
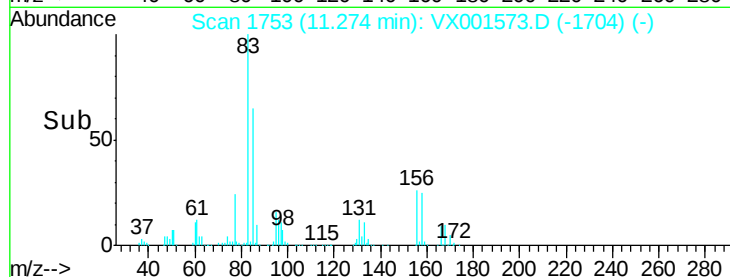
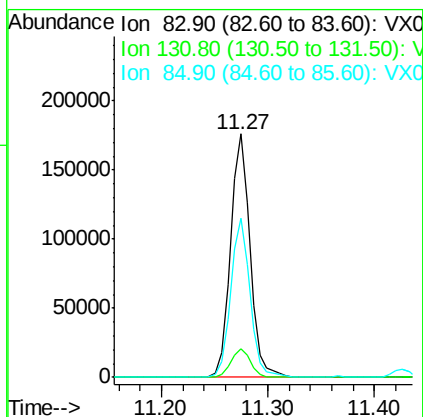
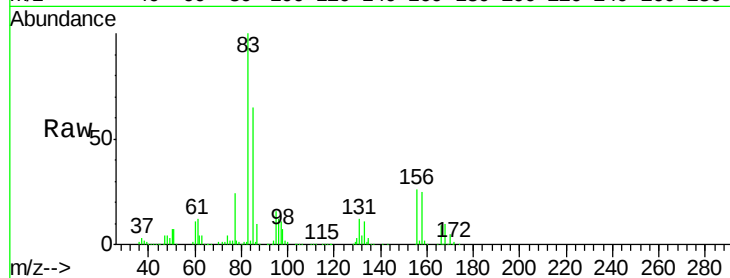
83 100

131 11.6 5.8 17.4

85 64.9 32.7 98.1

Manual Integrations
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5/10/2018 1:52:00 PM



#76

1,2,3-Trichloropropane

Concen: 54.37 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001573.D

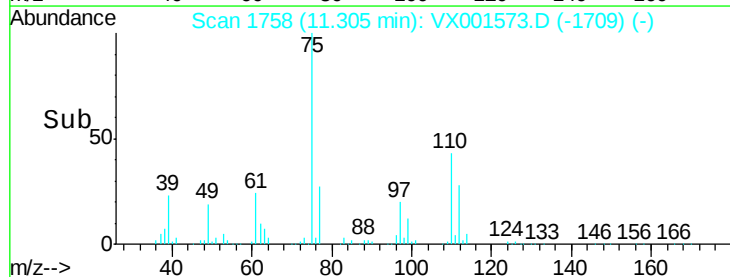
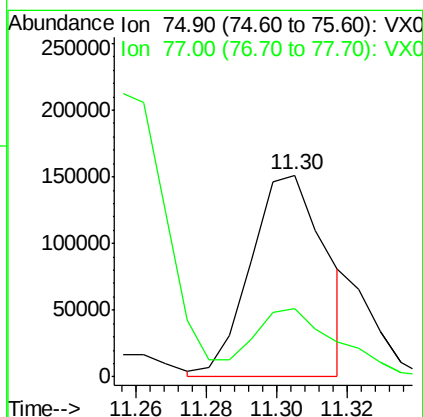
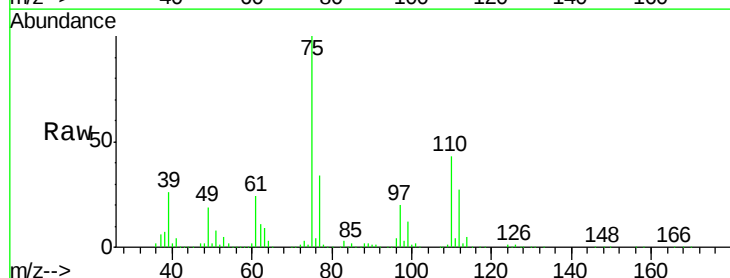
Acq: 09 May 2018 23:47

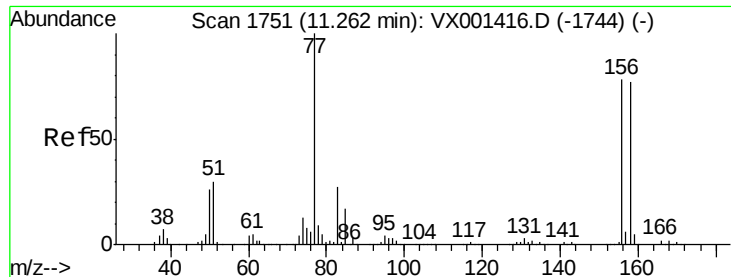
Tgt Ion: 75 Resp: 224900

Ion Ratio Lower Upper

75 100

77 36.9 19.6 58.7





#77

Bromobenzene

Concen: 53.25 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 218605

Ion Ratio Lower Upper

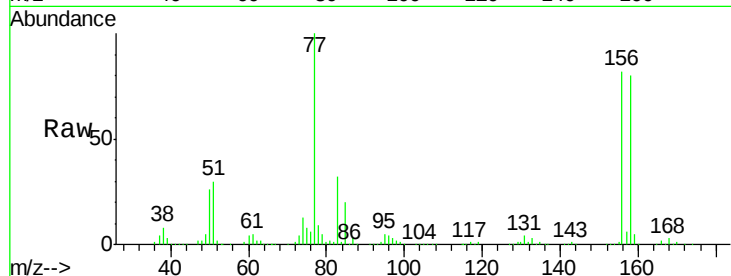
156 100

77 132.2 66.0 198.2

158 97.8 49.4 148.2

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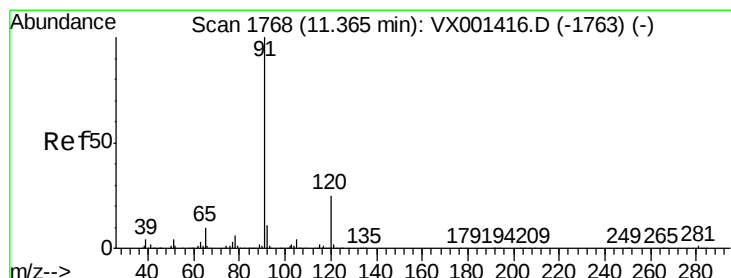
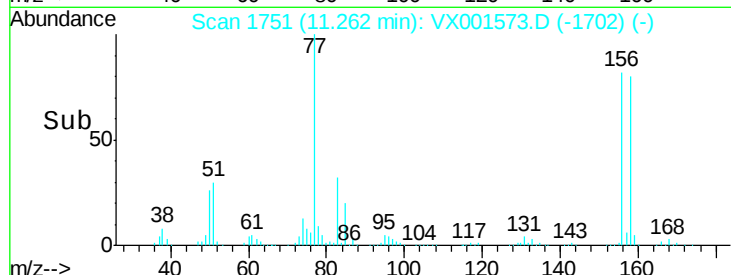
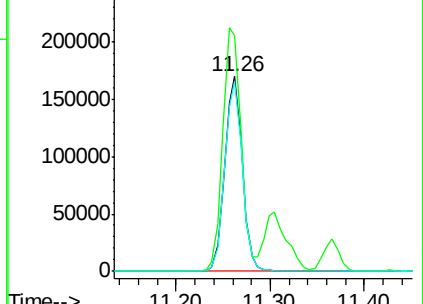
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.48 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001573.D

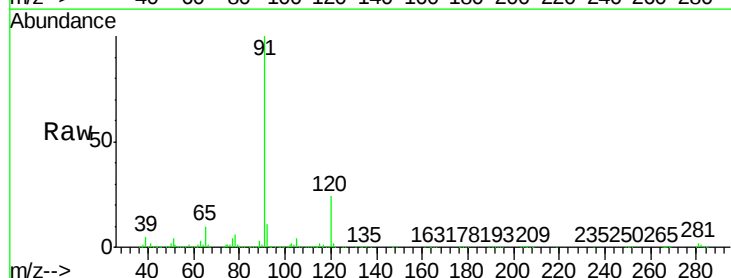
Acq: 09 May 2018 23:47

Tgt Ion: 91 Resp: 853155

Ion Ratio Lower Upper

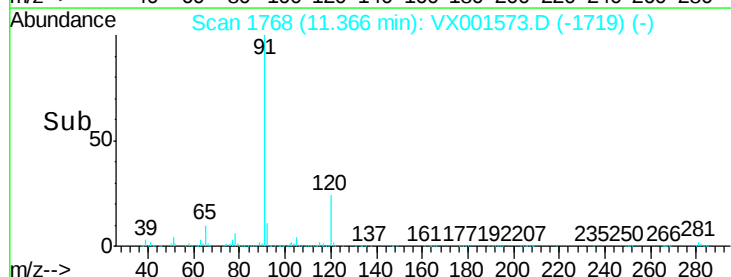
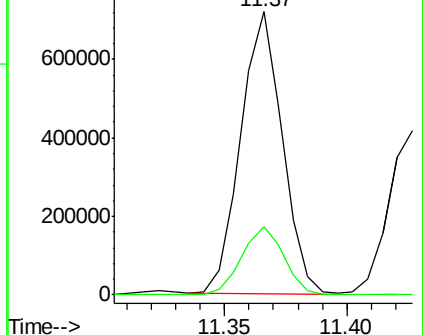
91 100

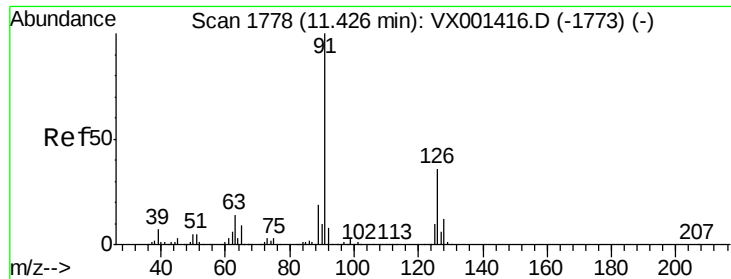
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.95 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 510481

Ion Ratio Lower Upper

91 100

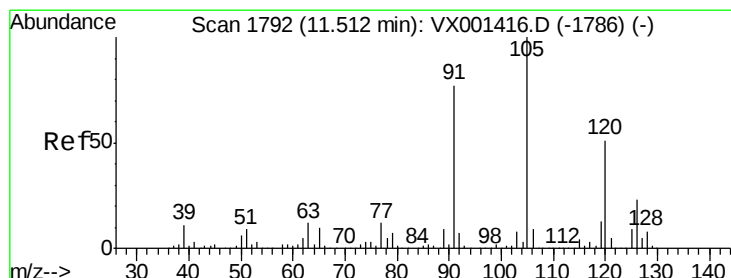
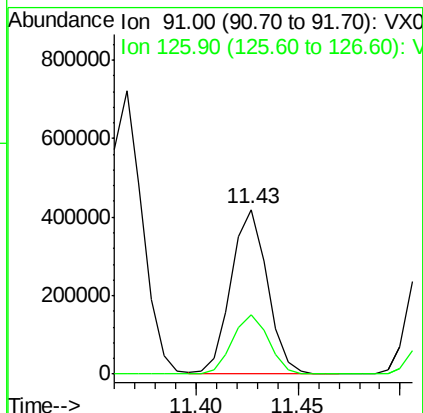
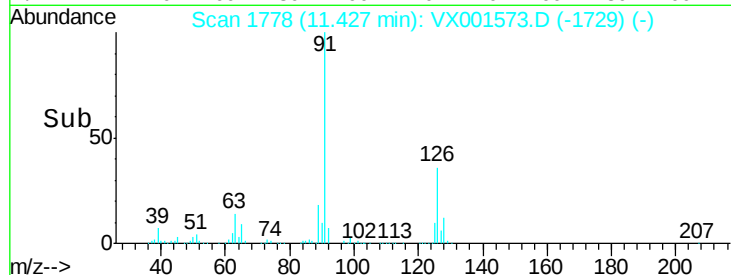
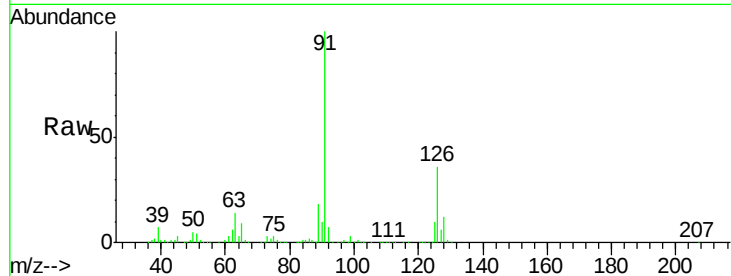
126 37.0 18.1 54.4

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#80

1,3,5-Trimethylbenzene

Concen: 54.98 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001573.D

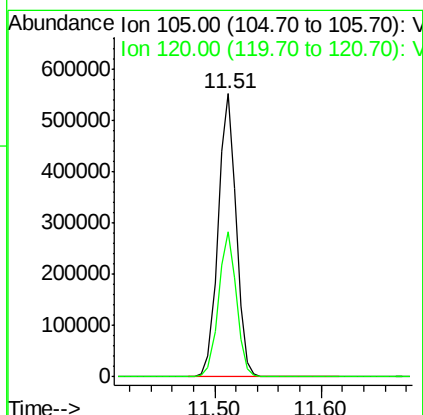
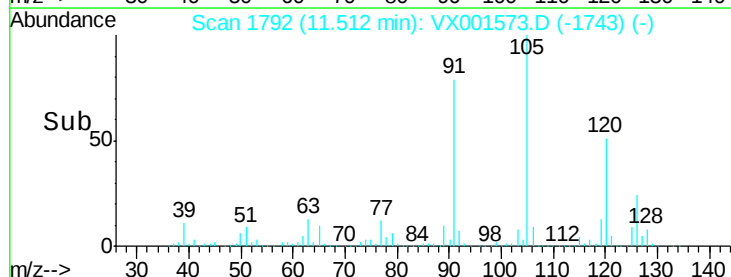
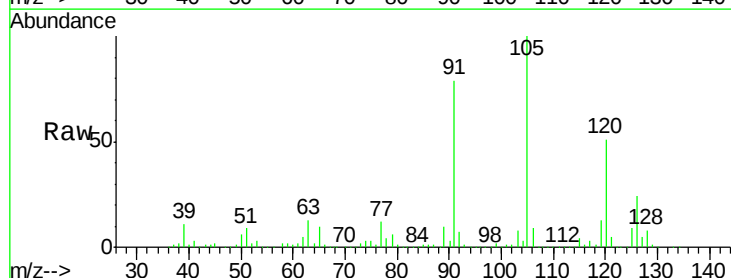
Acq: 09 May 2018 23:47

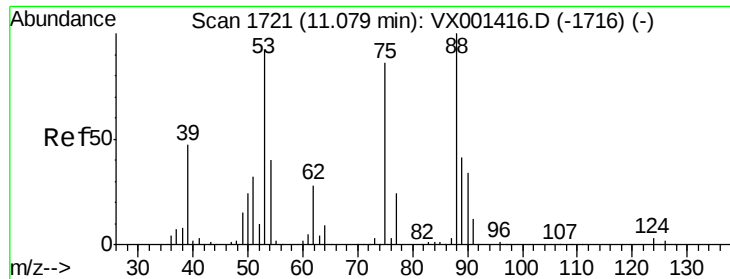
Tgt Ion: 105 Resp: 646322

Ion Ratio Lower Upper

105 100

120 50.9 25.7 77.1





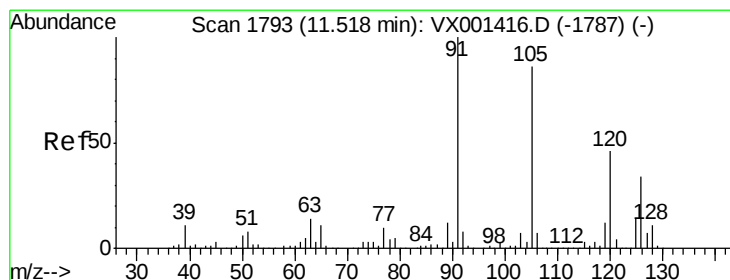
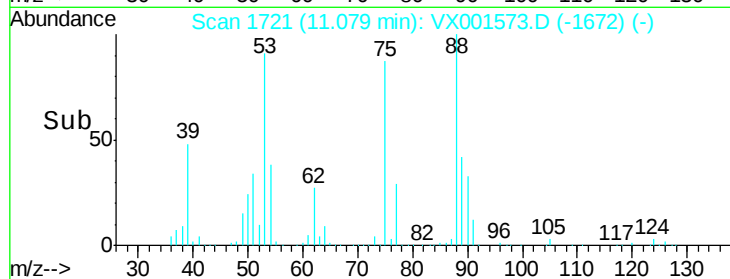
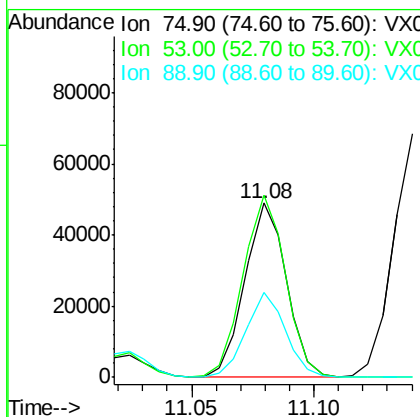
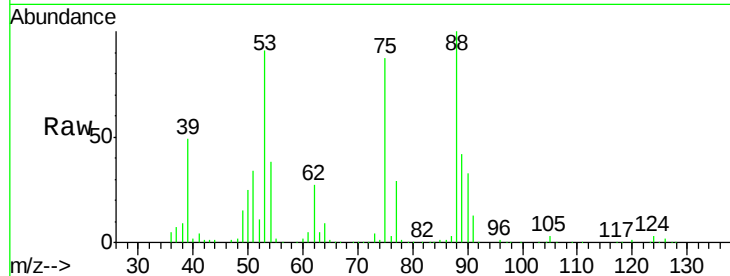
#81
trans-1,4-Dichloro-2-butene
Concen: 44.97 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.5	84.5	126.7
89	47.2	39.5	59.3

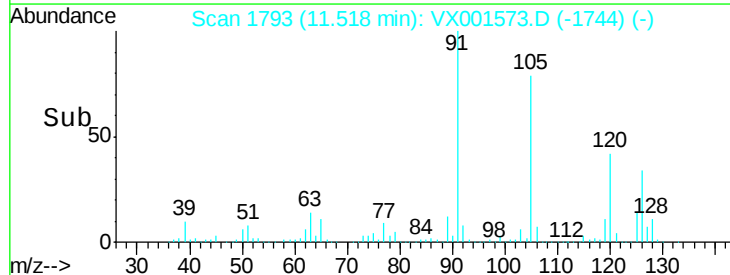
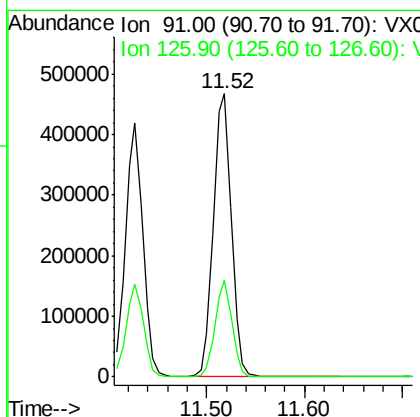
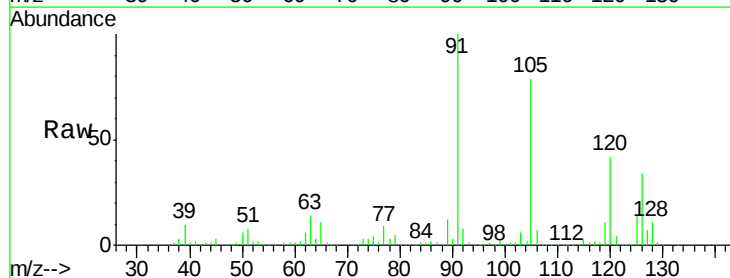
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#82
4-Chlorotoluene
Concen: 54.74 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.5





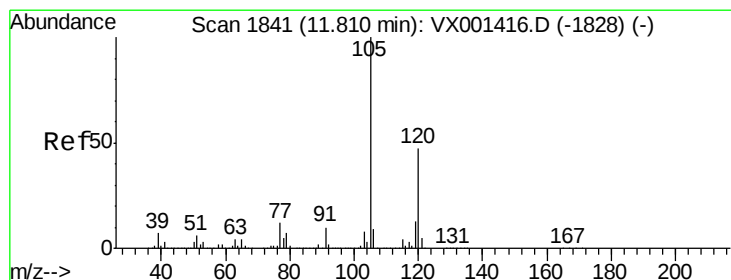
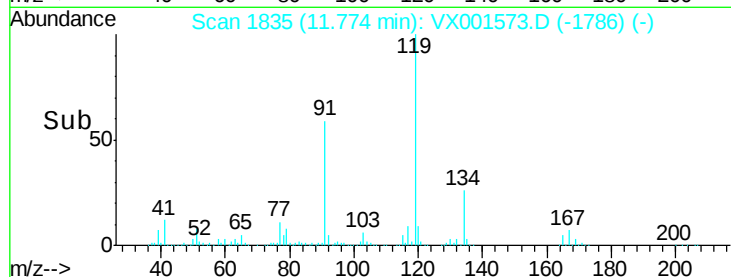
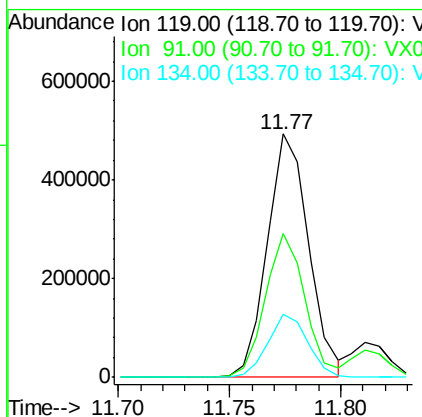
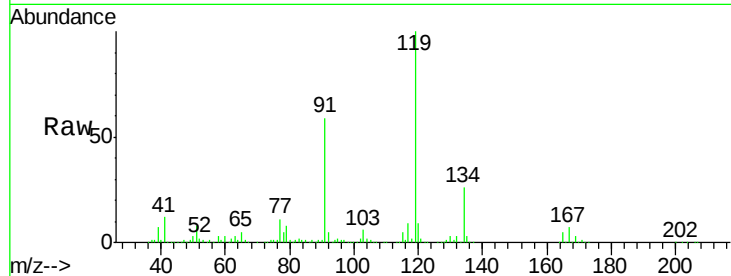
#83
 tert-Butylbenzene
 Concen: 54.30 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.6	27.8	83.3
134	25.1	12.4	37.0

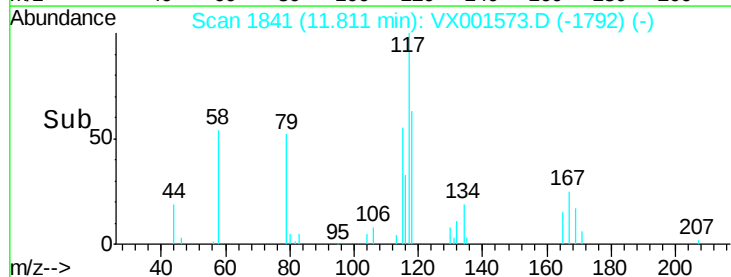
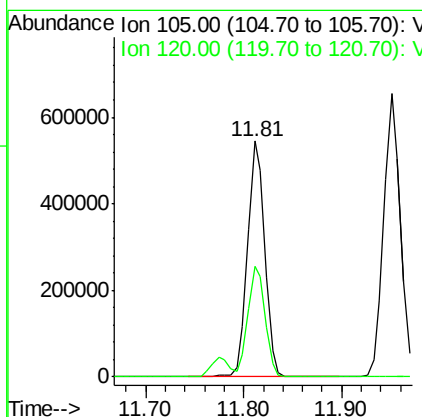
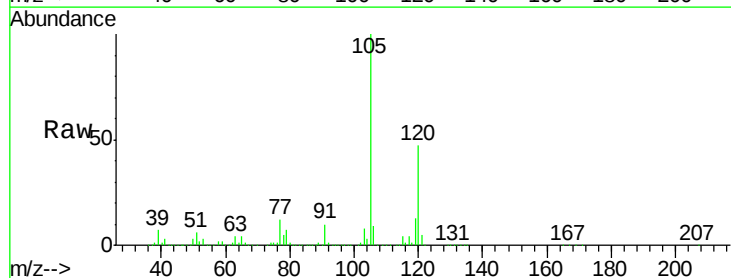
Manual Integrations
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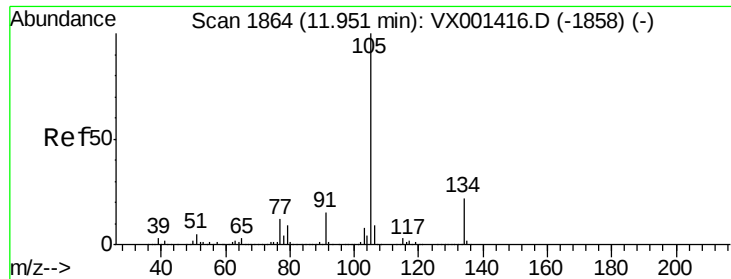
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.15 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.2





#85

sec-Butylbenzene

Concen: 55.34 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 777056

Ion Ratio Lower Upper

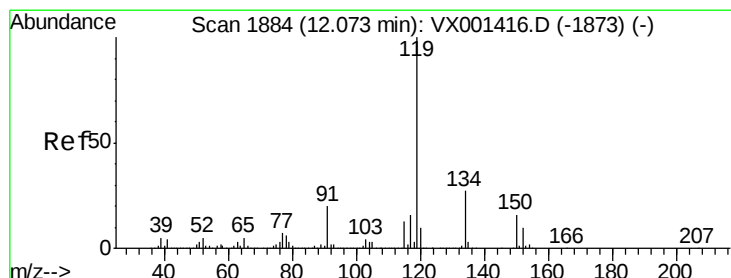
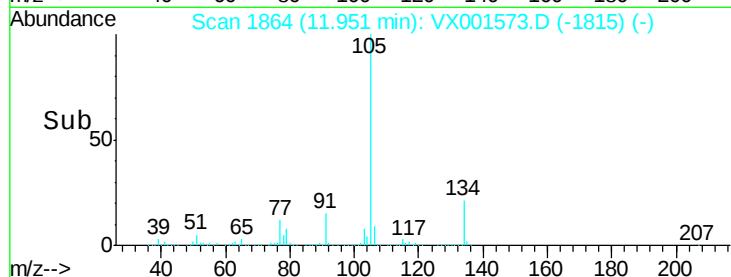
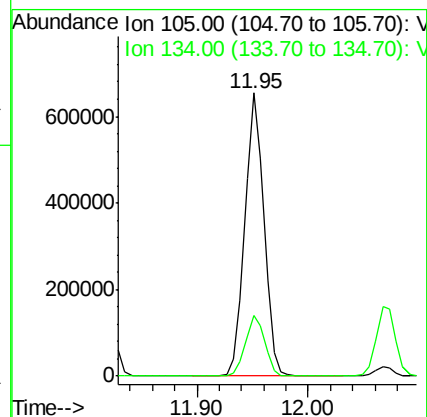
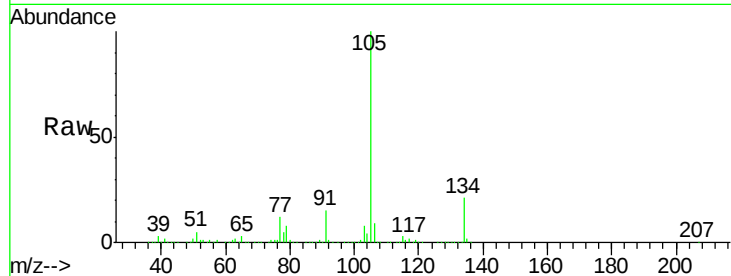
105 100

134 21.7 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 55.68 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

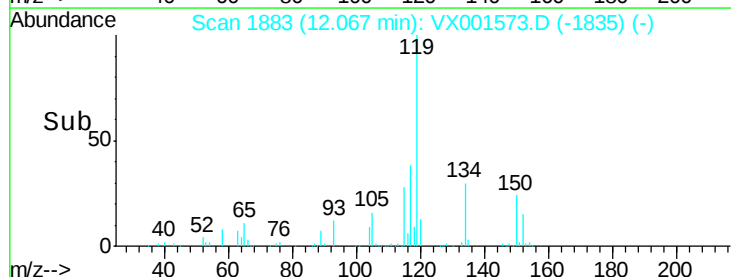
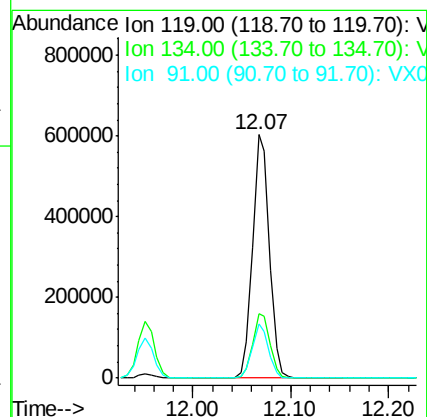
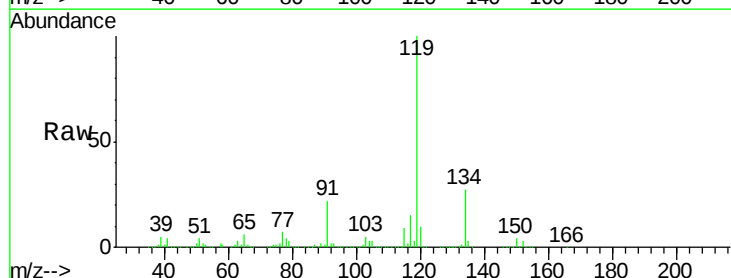
Tgt Ion:119 Resp: 717223

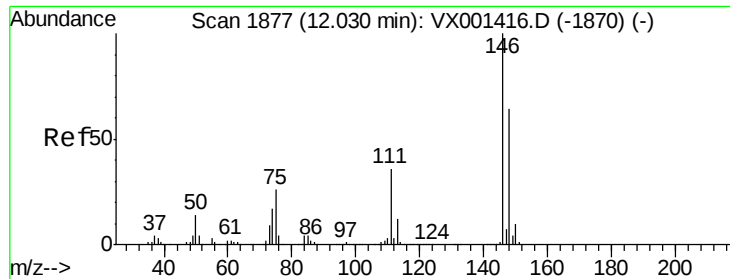
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 21.7 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 53.51 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

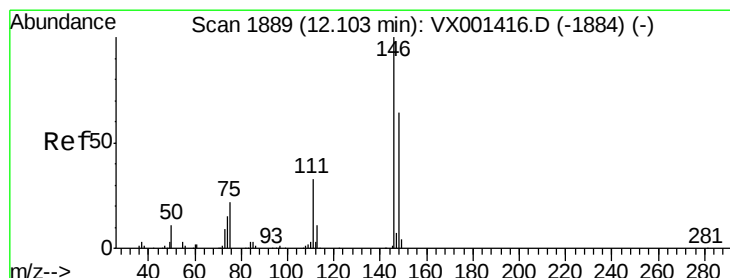
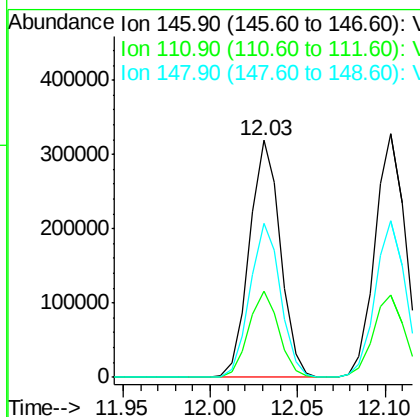
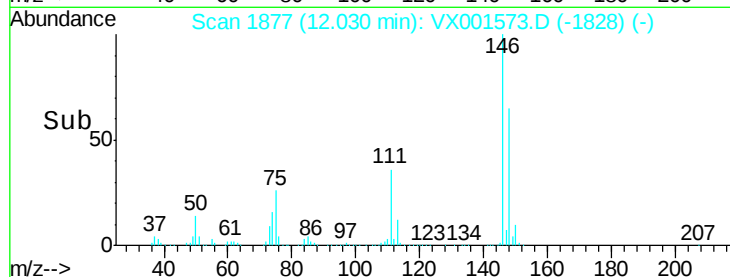
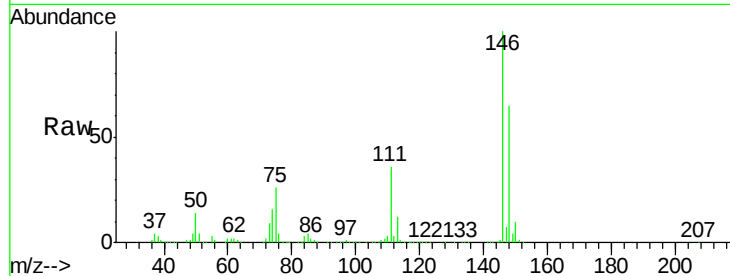
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	392657
Ion Ratio	Lower	Upper	
146	100		
111	35.3	18.1	54.1
148	64.3	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 53.07 ug/l

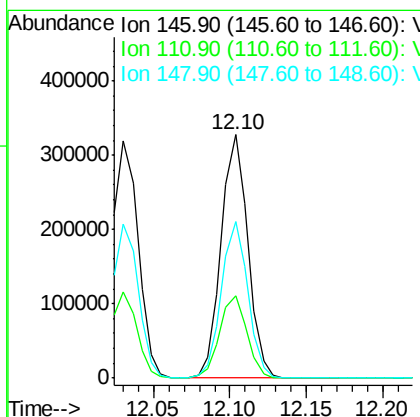
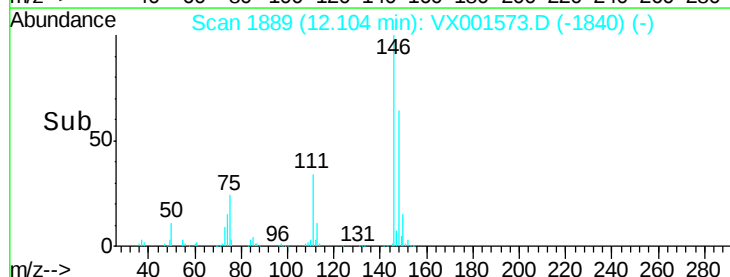
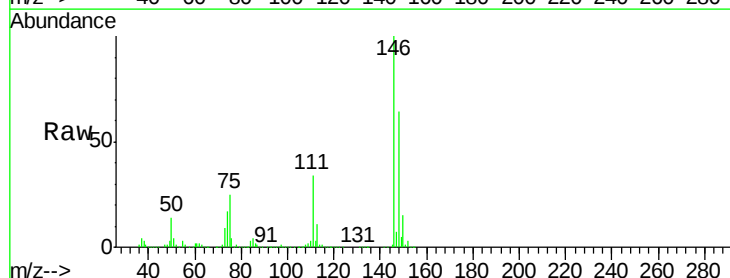
RT: 12.10 min Scan# 1889

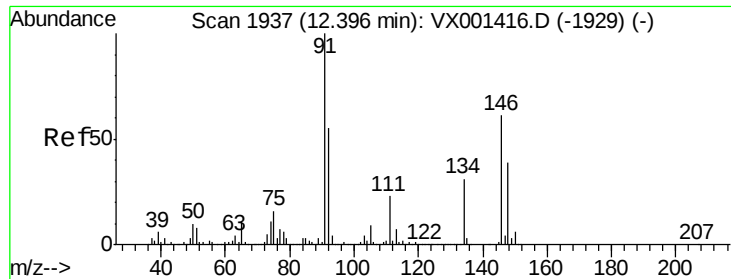
Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion:	146	Resp:	397254
Ion Ratio	Lower	Upper	
146	100		
111	34.7	17.4	52.3
148	63.9	32.2	96.6





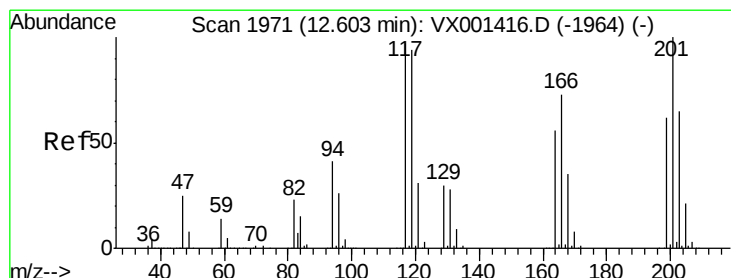
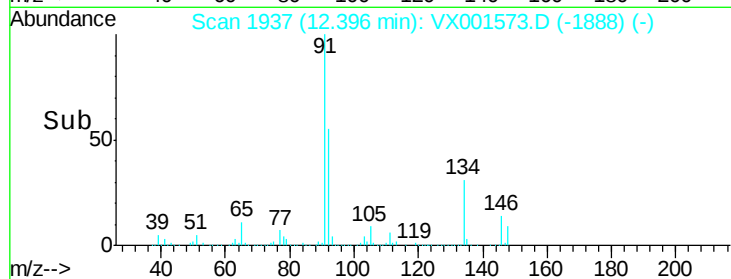
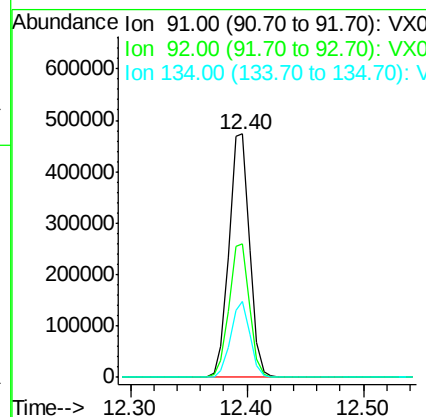
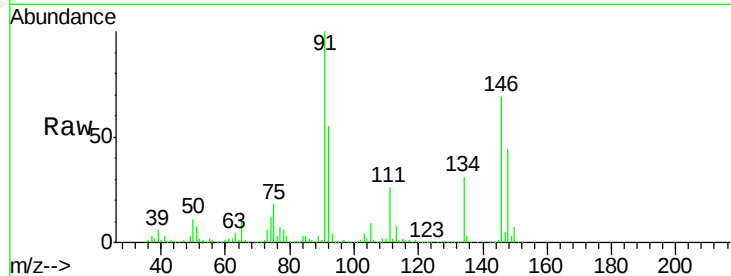
#89
n-Butylbenzene
Concen: 54.16 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	29.3	14.6	44.0

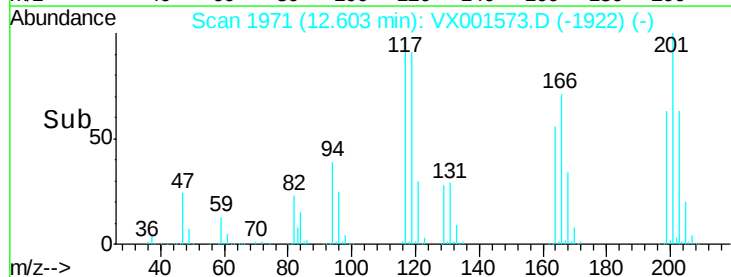
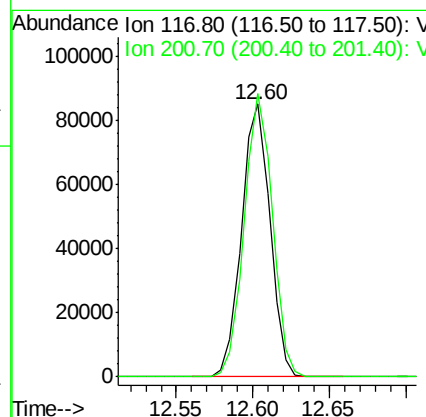
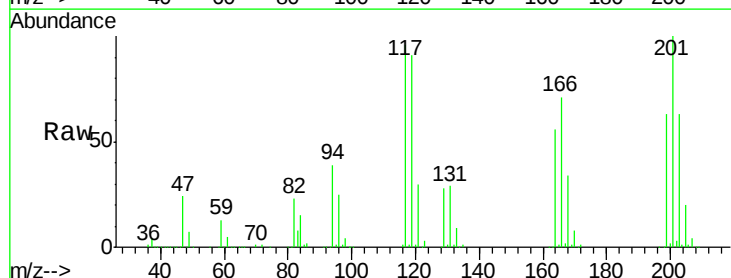
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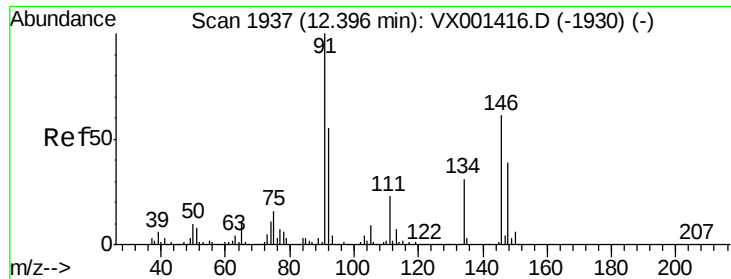
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#90
Hexachloroethane
Concen: 56.62 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001573.D
Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.6	51.5	154.5





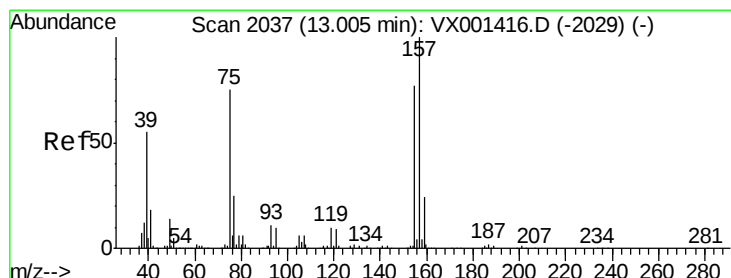
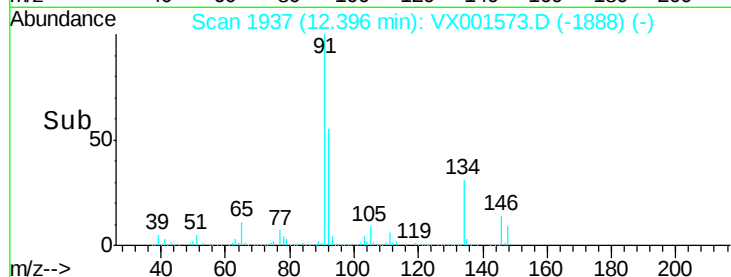
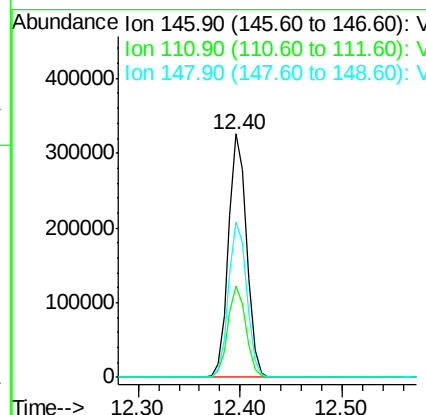
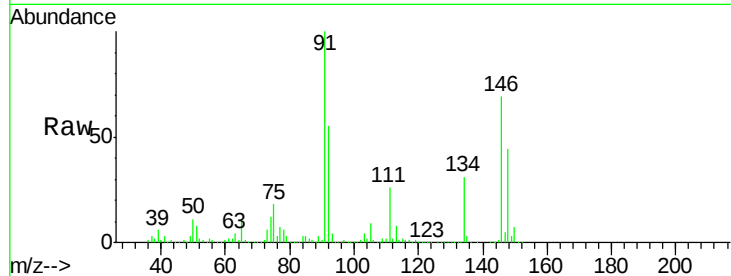
#91
 1,2-Dichlorobenzene
 Concen: 53.98 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.0	32.1	96.5

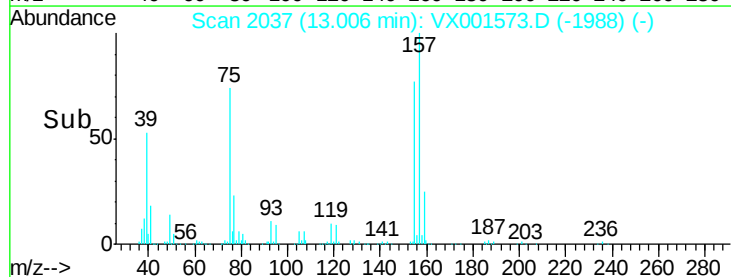
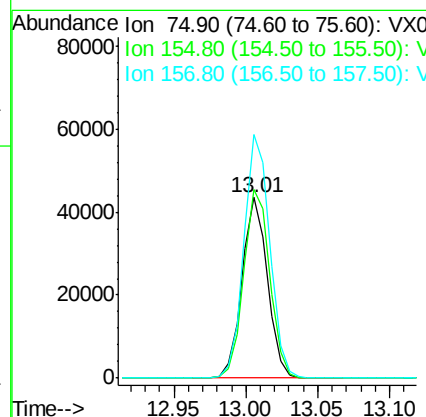
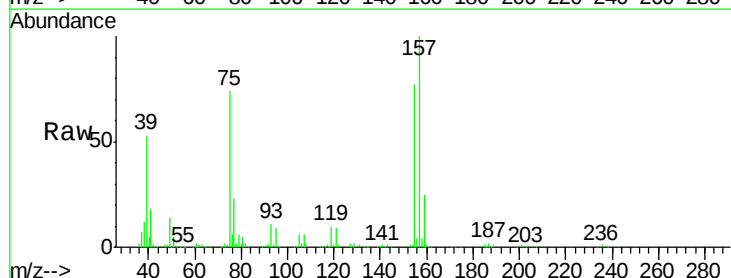
Manual Integrations
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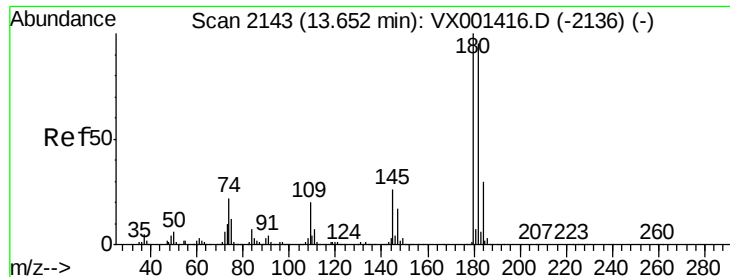
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.34 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001573.D
 Acq: 09 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.3	53.4	160.2
157	136.8	68.3	204.8





#93

1,2,4-Trichlorobenzene

Concen: 53.67 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

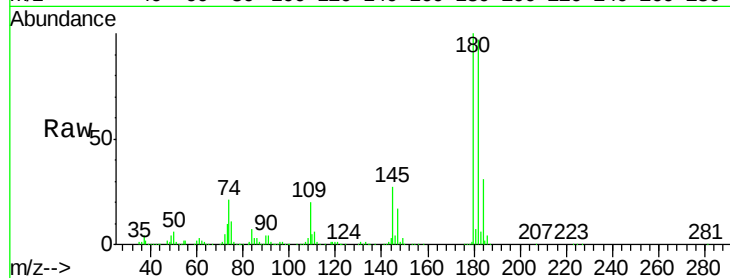
ClientSampleId :

VSTDCCC050

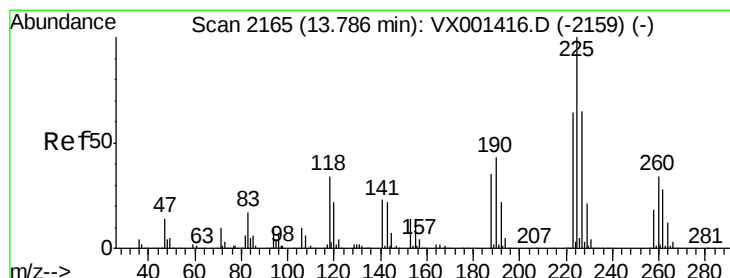
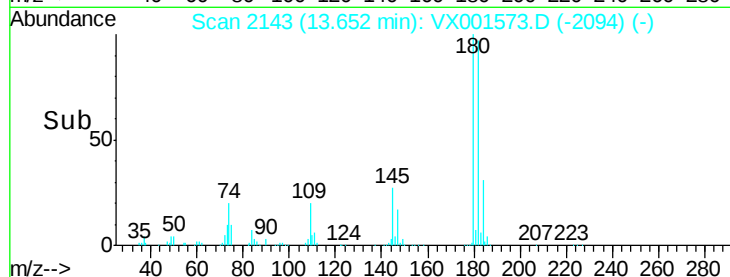
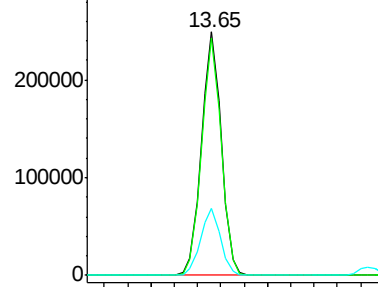
Tot Ion:	180	Resp:	293206
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.8	143.4
145	27.3	13.3	39.9

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:52:00 PM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 52.57 ug/l

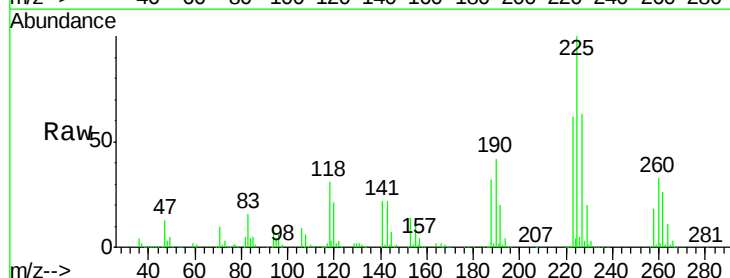
RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

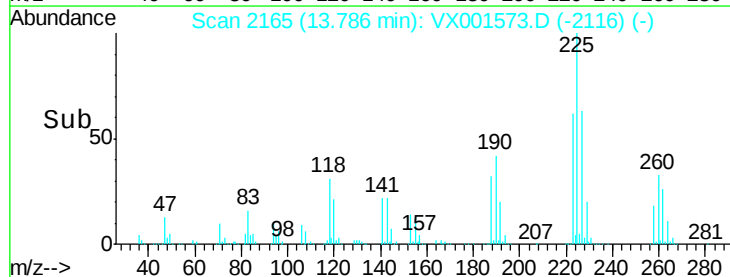
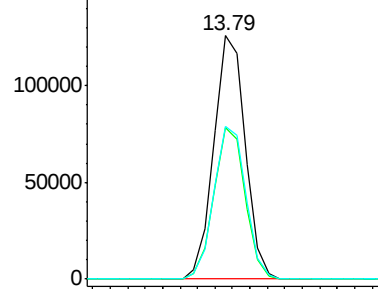
Lab File: VX001573.D

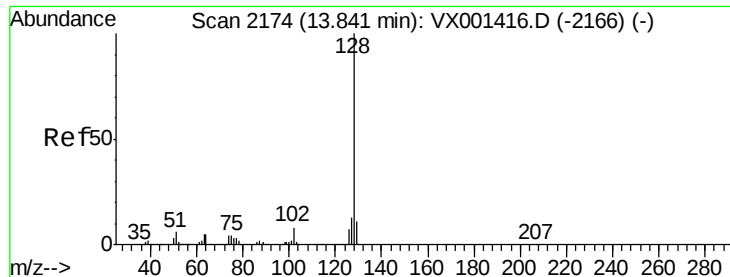
Acq: 09 May 2018 23:47

Tgt Ion:	225	Resp:	157154
Ion Ratio	Lower	Upper	
225	100		
223	62.1	31.3	93.9
227	63.7	32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 56.99 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Instrument :

MSVOA_X

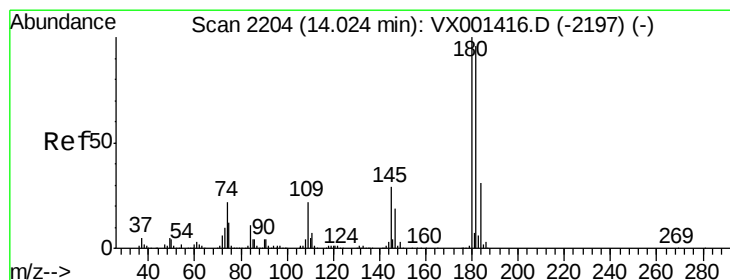
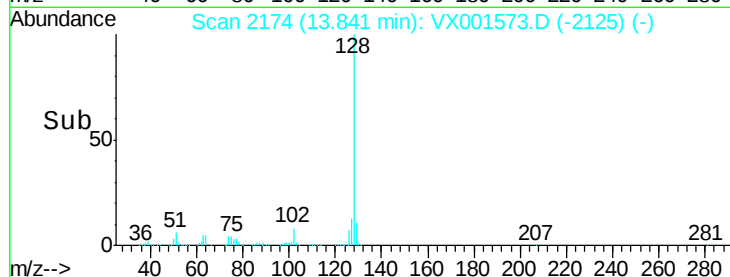
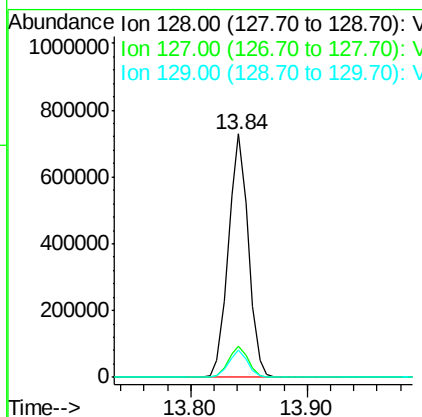
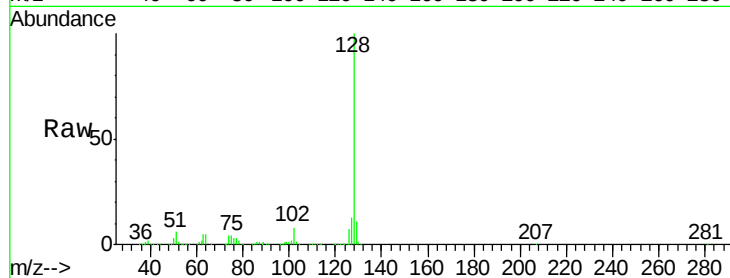
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	861088
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/10/2018 1:52:00 PM



#96

1,2,3-Trichlorobenzene

Concen: 54.98 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001573.D

Acq: 09 May 2018 23:47

Tgt Ion:	180	Resp:	308193
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.0	144.2
145	28.5	14.1	42.4

