

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005917.D
 Acq On : 12 Nov 2018 22:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:19:22 PM

Quant Time: Nov 13 06:30:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	103491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	150644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	139915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78956	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	61492	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	49130	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
50) Toluene-d8	8.71	98	180273	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.14	95	67862	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43609	46.736	ug/l	99
3) Chloromethane	1.32	50	58531	47.797	ug/l	99
4) Vinyl Chloride	1.41	62	58797	47.828	ug/l	100
5) Bromomethane	1.64	94	38933	51.751	ug/l	98
6) Chloroethane	1.71	64	36695	50.027	ug/l	98
7) Trichlorofluoromethane	1.93	101	83538	51.194	ug/l	97
8) Diethyl Ether	2.19	74	33510	52.408	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46661	49.718	ug/l	99
10) Methyl Iodide	2.51	142	60689	53.356	ug/l	99
11) Tert butyl alcohol	3.07	59	85799	251.738	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44859	49.040	ug/l	96
13) Acrolein	2.29	56	60139	360.861	ug/l	96
14) Allyl chloride	2.73	41	103903	50.858	ug/l	99
15) Acrylonitrile	3.15	53	185222	262.235	ug/l	99
16) Acetone	2.45	43	164056	256.098	ug/l	99
17) Carbon Disulfide	2.57	76	133211	48.822	ug/l	100
18) Methyl Acetate	2.78	43	95650	55.891	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	170102	54.483	ug/l	100
20) Methylene Chloride	2.85	84	52384	49.781	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	49456	51.259	ug/l	95
22) Diisopropyl ether	3.87	45	178713	49.935	ug/l #	94
23) Vinyl Acetate	3.82	43	808765	263.563	ug/l	97
24) 1,1-Dichloroethane	3.70	63	97752	51.195	ug/l	99
25) 2-Butanone	4.70	43	249174	247.412	ug/l	100
26) 2,2-Dichloropropane	4.58	77	66050	47.157	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	53148	49.888	ug/l	99
28) Bromochloromethane	5.03	49	46477	54.464	ug/l	99
29) Tetrahydrofuran	5.15	42	163862	253.402	ug/l	99
30) Chloroform	5.21	83	90958	49.376	ug/l	97
31) Cyclohexane	5.57	56	82300	49.655	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	79896	51.998	ug/l	99
36) 1,1-Dichloropropene	5.80	75	66992	46.130	ug/l	99
37) Ethyl Acetate	4.86	43	95015	49.753	ug/l	99
38) Carbon Tetrachloride	5.78	117	69845	48.041	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76014	51.644	ug/l	92
40) Benzene	6.15	78	204335	48.265	ug/l	100
41) Methacrylonitrile	5.06	41	50580	49.016	ug/l	97
42) 1,2-Dichloroethane	6.20	62	76015	50.129	ug/l	99
43) Isopropyl Acetate	6.46	43	137075	49.535	ug/l	98
44) Trichloroethene	7.21	130	53979	50.206	ug/l	98
45) 1,2-Dichloropropane	7.52	63	54081	52.630	ug/l	100
46) Dibromomethane	7.66	93	33967	52.677	ug/l	99
47) Bromodichloromethane	7.90	83	69169	56.761	ug/l	91
48) Methyl methacrylate	7.77	41	70382	56.644	ug/l	99
49) 1,4-Dioxane	7.75	88	29310	1094.683	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	468483	268.623	ug/l	100
52) Toluene	8.79	92	123227	52.080	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	75465	52.476	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	81334	55.489	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	51533	48.869	ug/l	98
56) Ethyl methacrylate	9.18	69	82483	52.276	ug/l	99
57) 1,3-Dichloropropane	9.37	76	87580	49.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	229434	266.298	ug/l	100
59) 2-Hexanone	9.49	43	373421	242.912	ug/l	100
60) Dibromochloromethane	9.59	129	55369	48.584	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53670	46.027	ug/l	99
64) Tetrachloroethene	9.34	164	56287	47.251	ug/l	99
65) Chlorobenzene	10.14	112	139503	49.770	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	52195	53.563	ug/l	99
67) Ethyl Benzene	10.25	91	242260	53.900	ug/l	100
68) m/p-Xylenes	10.36	106	185581	108.248	ug/l	99
69) o-Xylene	10.70	106	89488	58.211	ug/l	100
70) Styrene	10.71	104	149912	59.114	ug/l	99
71) Bromoform	10.86	173	46520	56.948	ug/l #	98
73) Isopropylbenzene	11.02	105	246775	54.047	ug/l	99
74) N-amyl acetate	10.90	43	124766	48.733	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	85633	51.096	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81274m	50.552	ug/l	
77) Bromobenzene	11.26	156	65067	50.559	ug/l	99
78) n-propylbenzene	11.36	91	285483	53.053	ug/l	99
79) 2-Chlorotoluene	11.42	91	168338	51.756	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	210591	54.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25561	50.673	ug/l	95
82) 4-Chlorotoluene	11.51	91	199186	51.963	ug/l	100
83) tert-Butylbenzene	11.77	119	206984	52.730	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	216563	50.576	ug/l	99
85) sec-Butylbenzene	11.94	105	251280	52.348	ug/l	100
86) p-Isopropyltoluene	12.07	119	225738	53.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120839	48.925	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122386	48.405	ug/l	100
89) n-Butylbenzene	12.39	91	199164	50.541	ug/l	100
90) Hexachloroethane	12.60	117	37610	52.981	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	123227	49.804	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21068	51.516	ug/l	96

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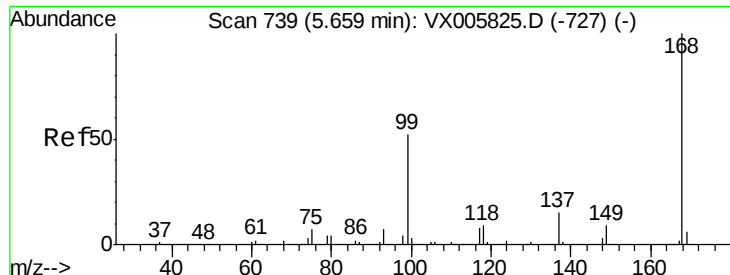
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90929	52.204	ug/l	100
94) Hexachlorobutadiene	13.78	225	44581	48.725	ug/l	98
95) Naphthalene	13.83	128	285812	50.308	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	93307	52.582	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 103491

Ion Ratio Lower Upper

168 100

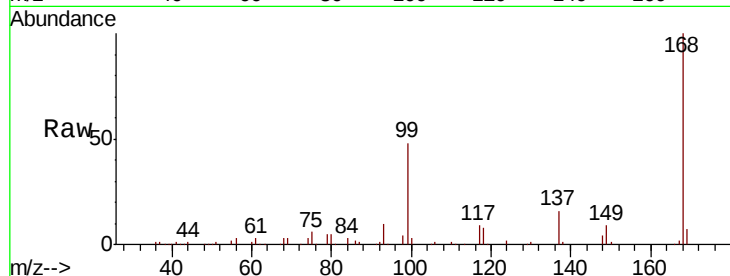
99 47.8 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

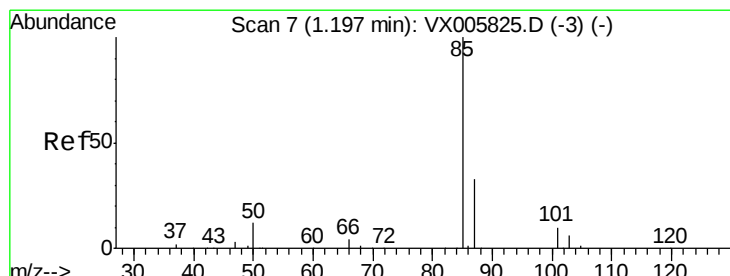
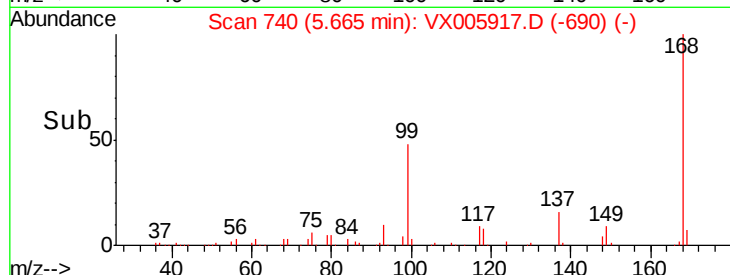
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.736 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005917.D

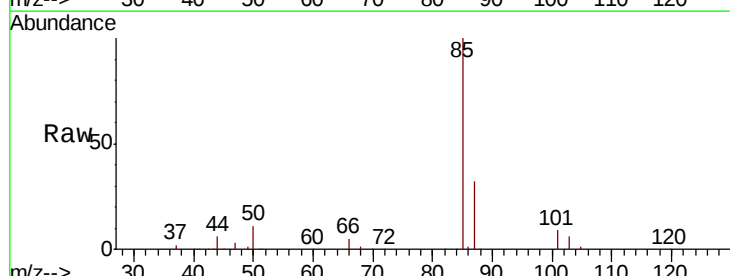
Acq: 12 Nov 2018 22:40

Tgt Ion: 85 Resp: 43609

Ion Ratio Lower Upper

85 100

87 32.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

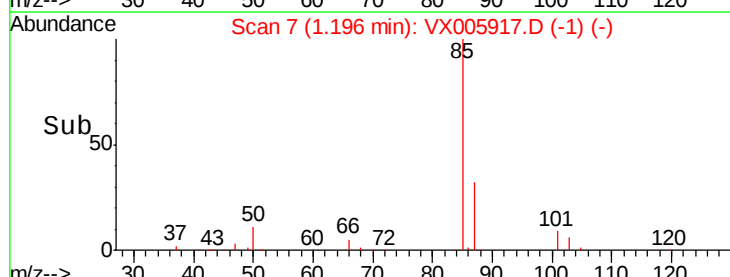
20000

10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.797 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 58531

Ion Ratio Lower Upper

50 100

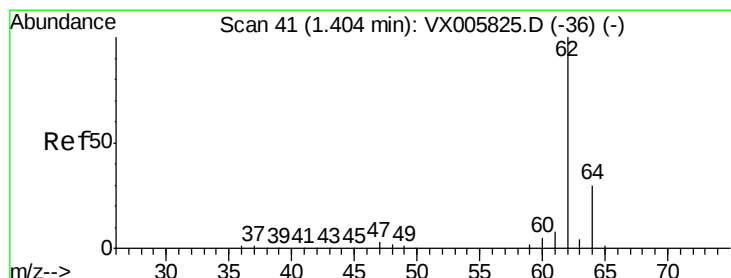
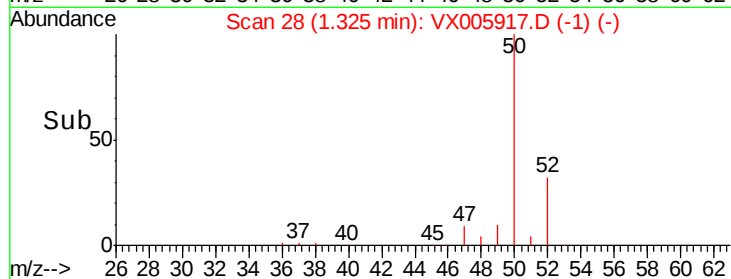
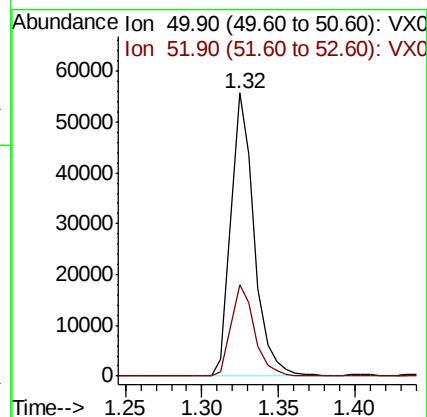
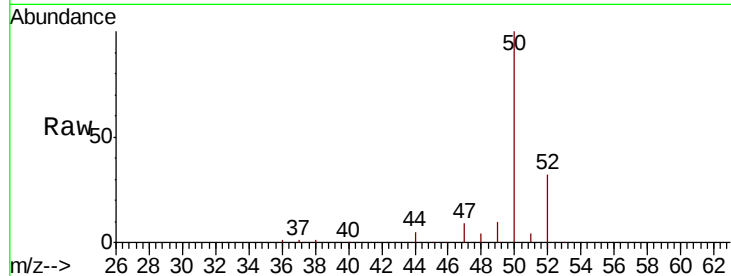
52 32.3 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.828 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005917.D

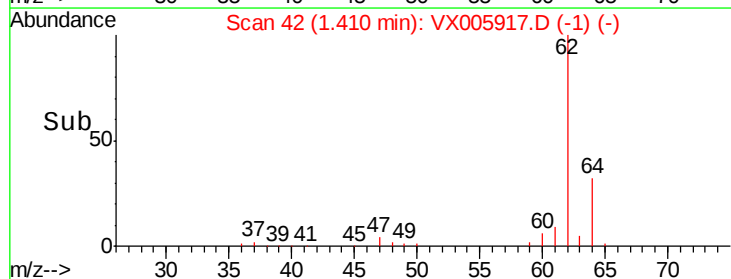
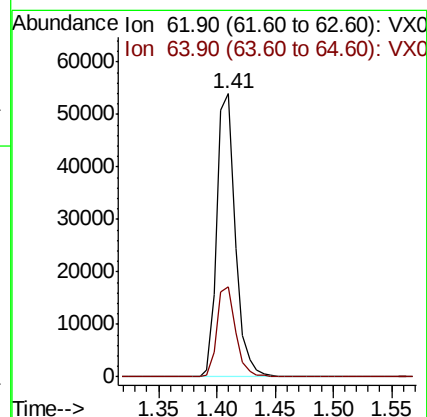
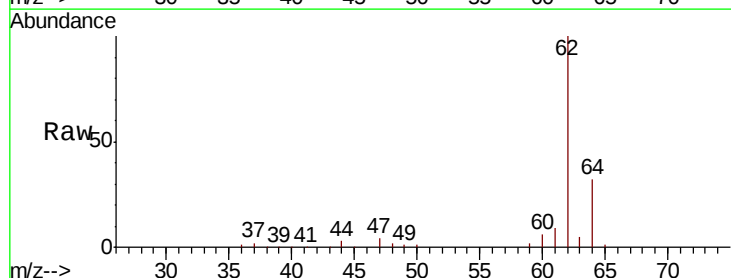
Acq: 12 Nov 2018 22:40

Tgt Ion: 62 Resp: 58797

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 51.751 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 38933

Ion Ratio Lower Upper

94 100

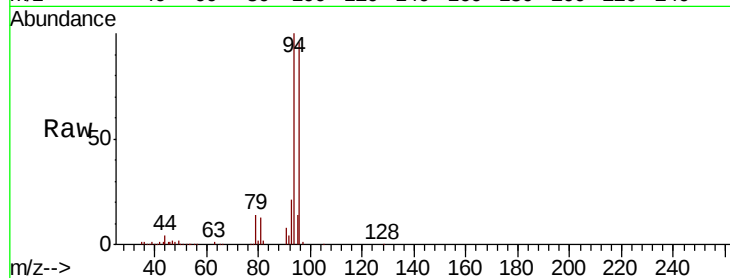
96 96.2 75.2 112.8

Manual Integrations

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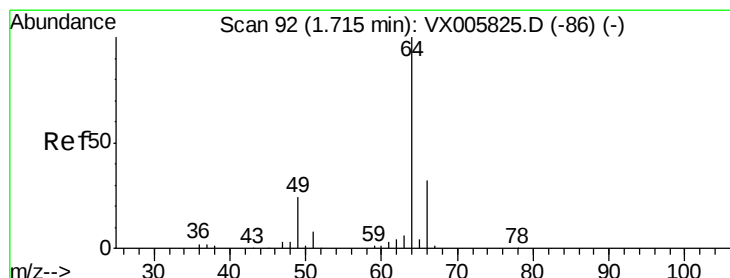
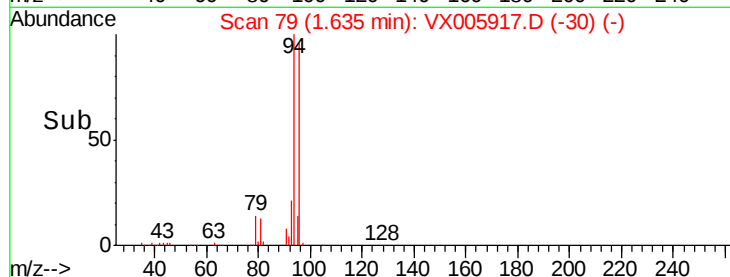
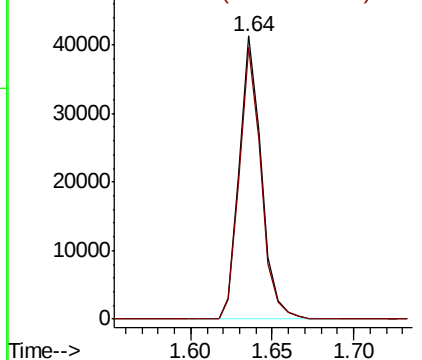
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.027 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005917.D

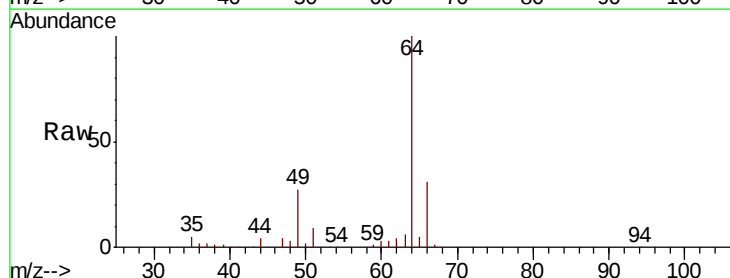
Acq: 12 Nov 2018 22:40

Tgt Ion: 64 Resp: 36695

Ion Ratio Lower Upper

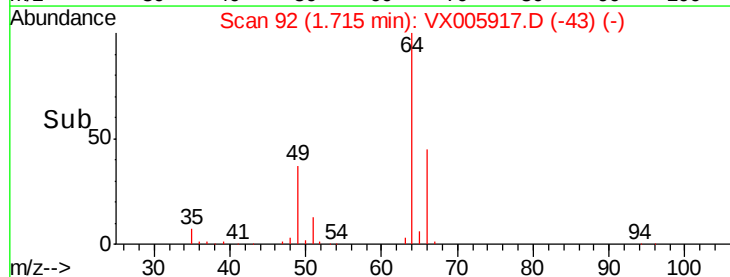
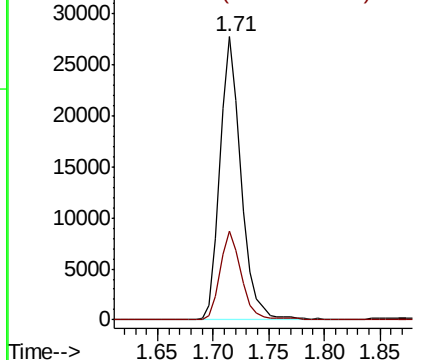
64 100

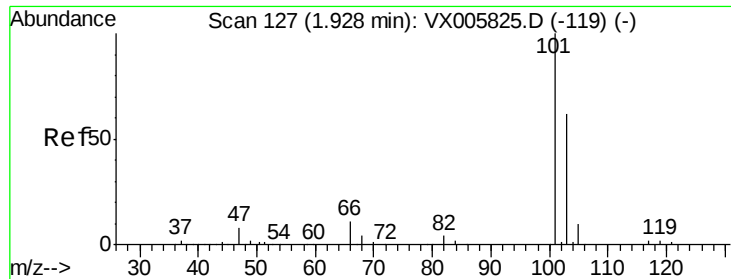
66 31.3 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

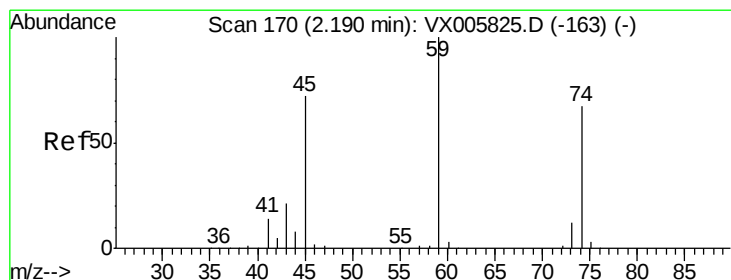
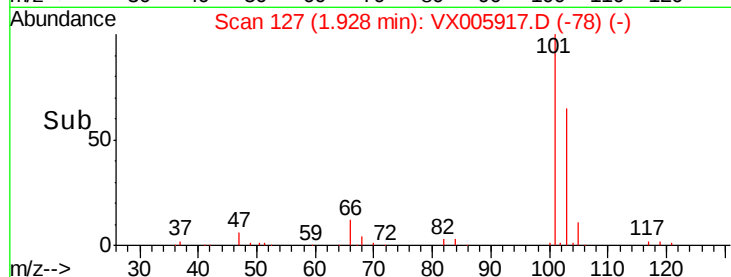
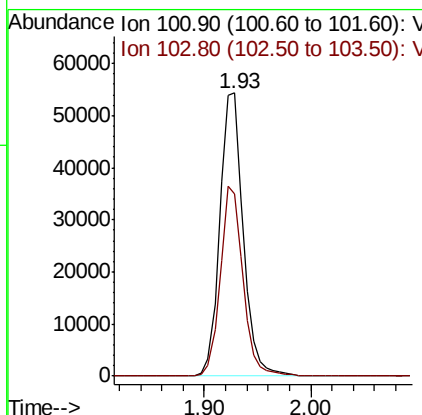
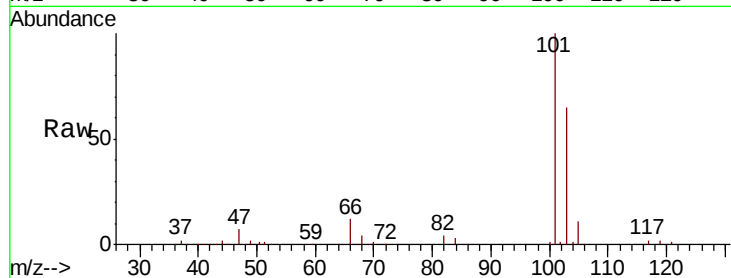
Trichlorofluoromethane
Concen: 51.194 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.0	75.0

Manual Integrations
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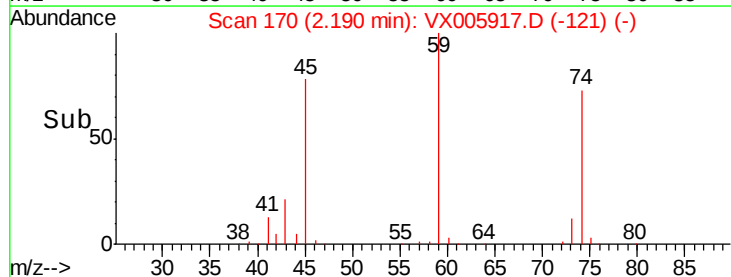
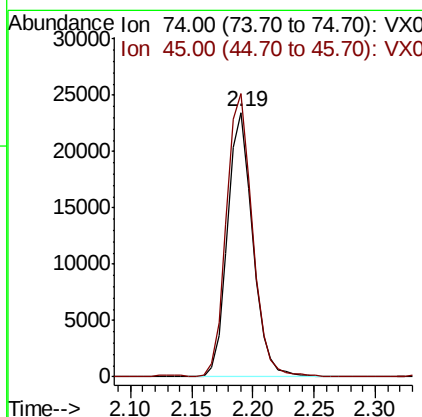
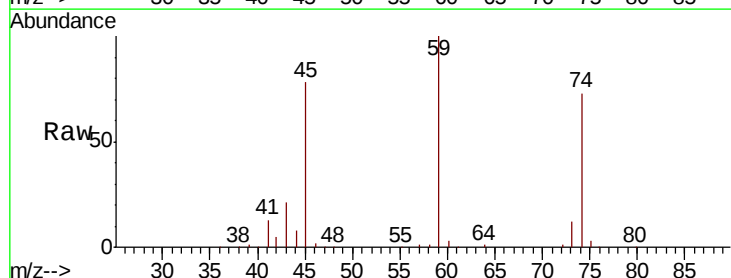
MMDadoda
11/13/2018 12:19:22 PM



#8

Diethyl Ether
Concen: 52.408 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.7	54.1	162.3





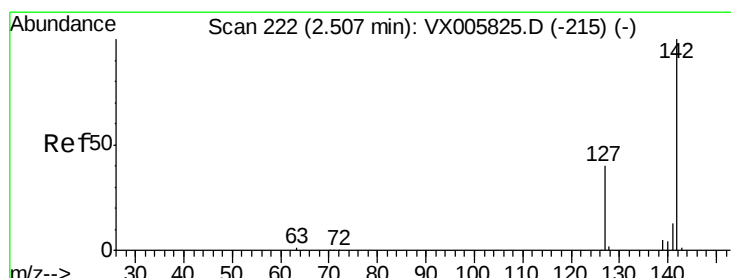
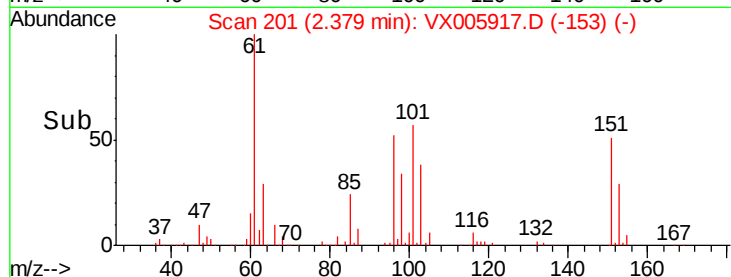
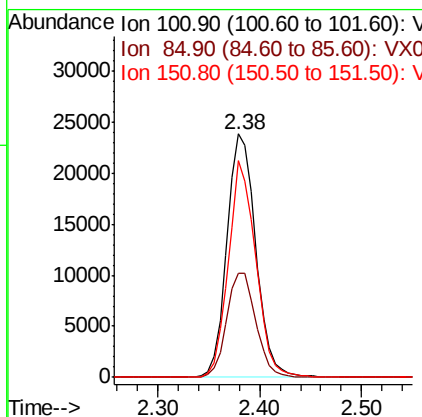
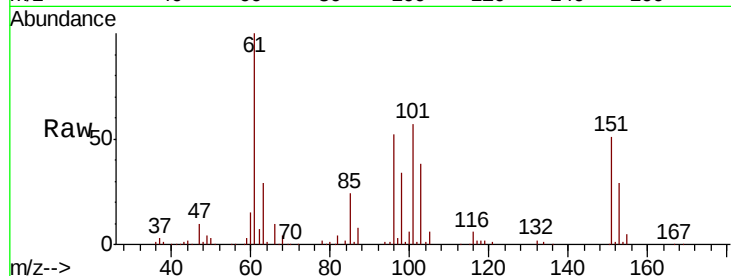
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.718 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.4	35.0	52.4
151	84.2	66.2	99.2

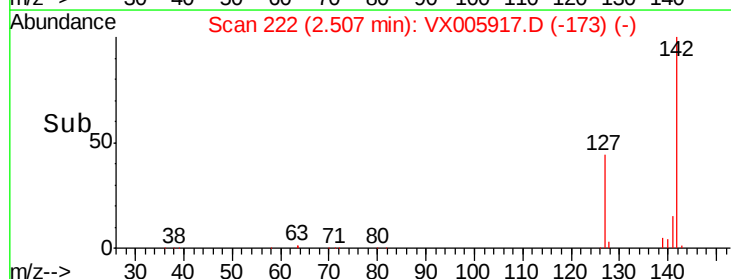
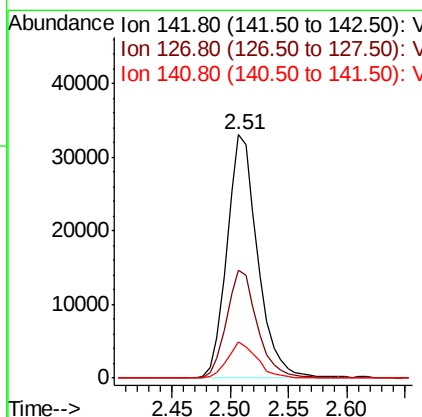
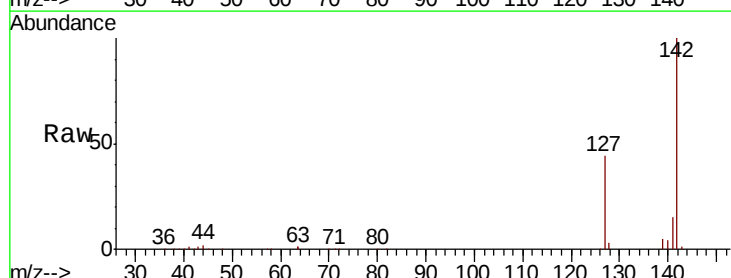
Manual Integrations
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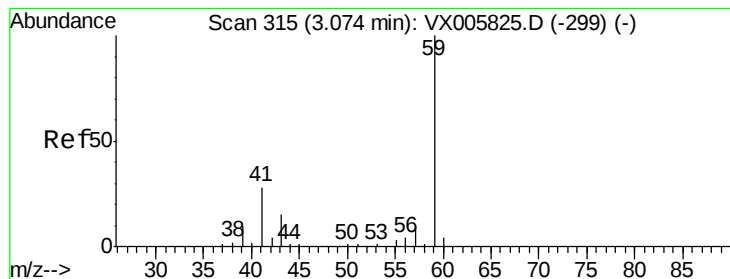
MMDadoda
11/13/2018 12:19:22 PM



#10
Methyl Iodide
Concen: 53.356 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.4	36.0	54.0
141	14.3	11.7	17.5





#11

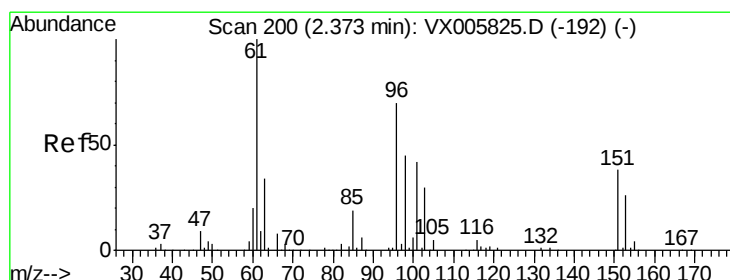
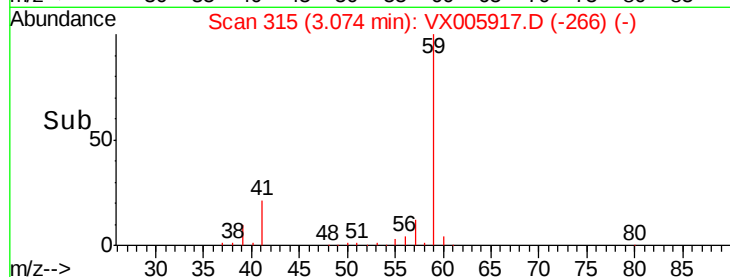
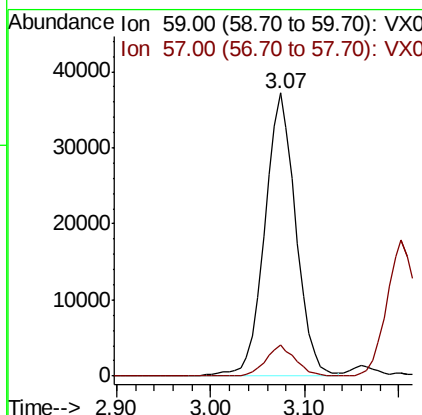
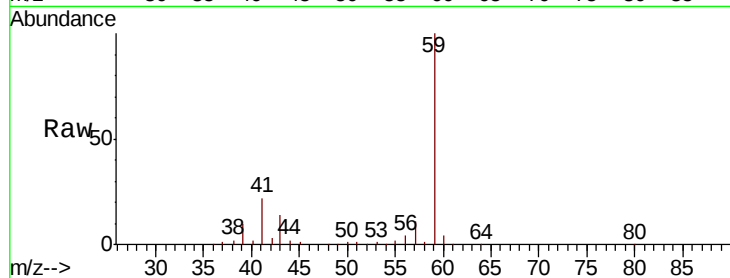
Tert butyl alcohol
 Concen: 251.738 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

Manual Integrations
 APPROVED

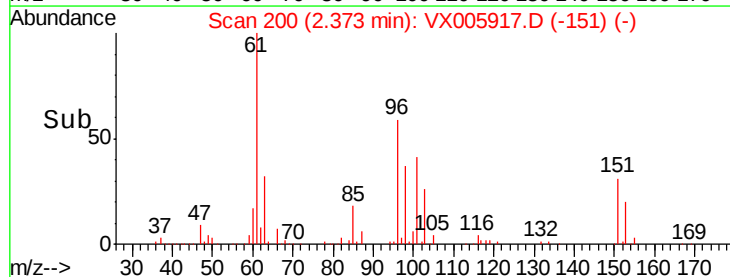
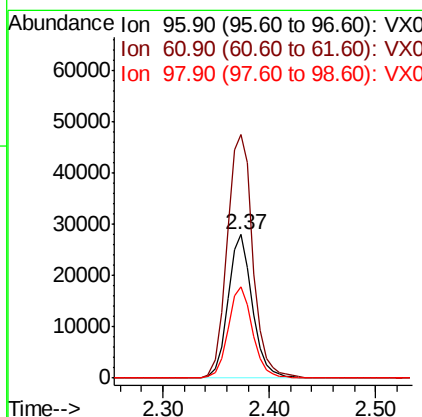
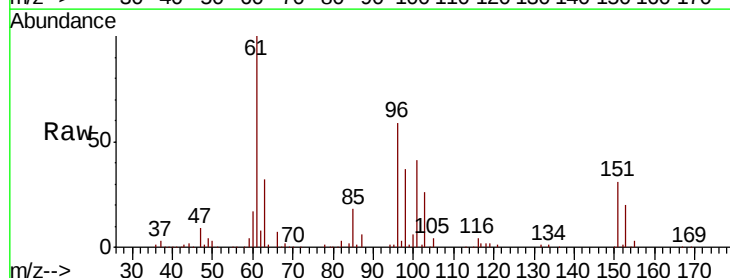
MMDadoda
 11/13/2018 12:19:22 PM

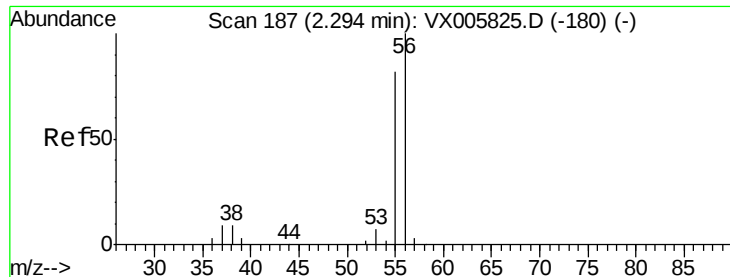


#12

1,1-Dichloroethene
 Concen: 49.040 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.1	131.8	197.8
98	63.7	53.4	80.2





#13

Acrolein

Concen: 360.861 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 60139

Ion Ratio Lower Upper

56 100

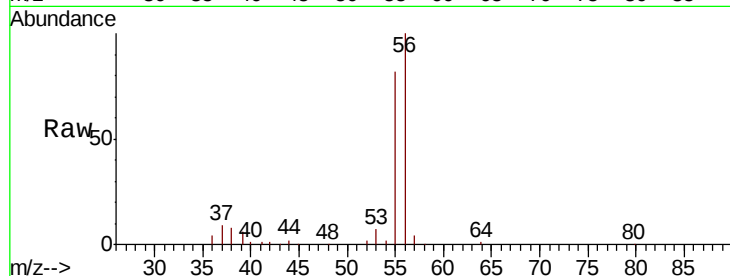
55 75.2 57.3 85.9

Manual Integrations

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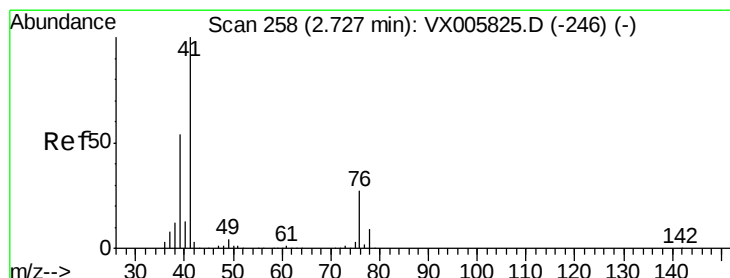
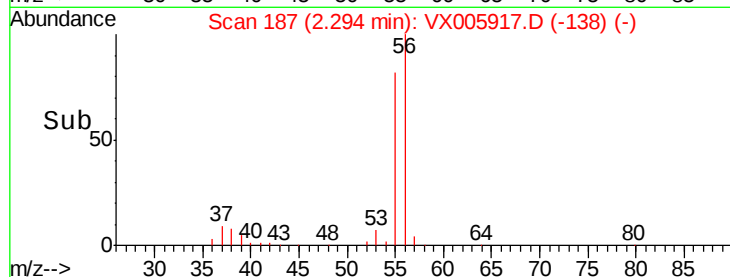
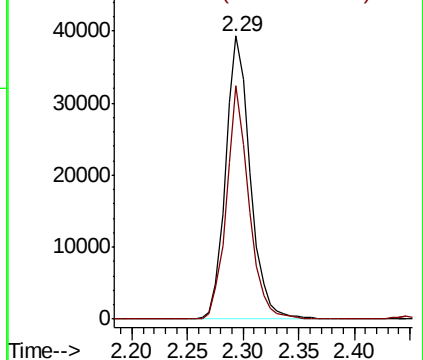
MMDadoda

11/13/2018 12:19:22 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.858 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

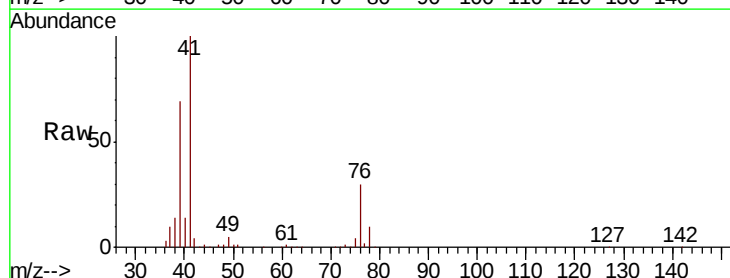
Tgt Ion: 41 Resp: 103903

Ion Ratio Lower Upper

41 100

39 60.7 48.2 72.4

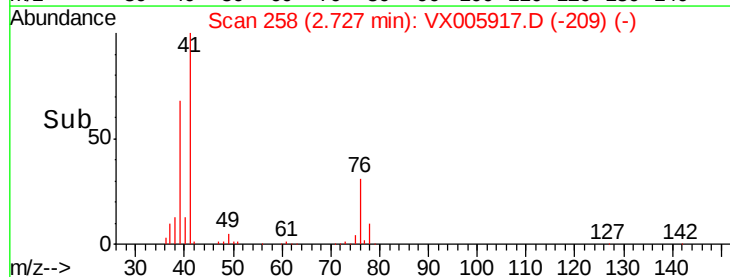
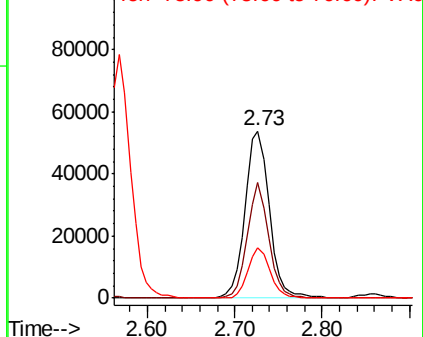
76 27.6 21.9 32.9

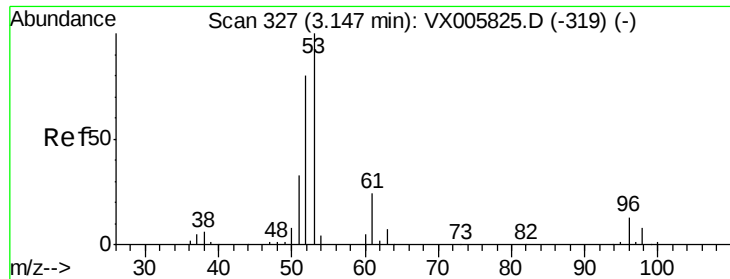


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





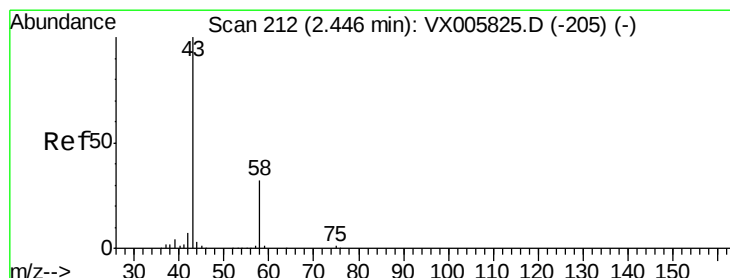
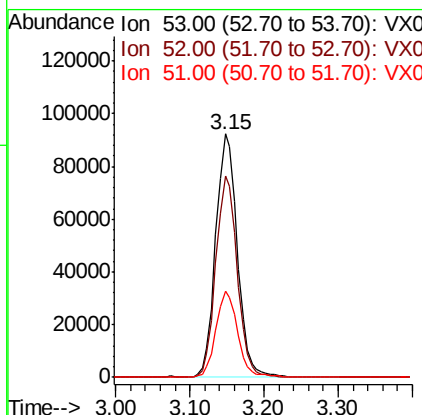
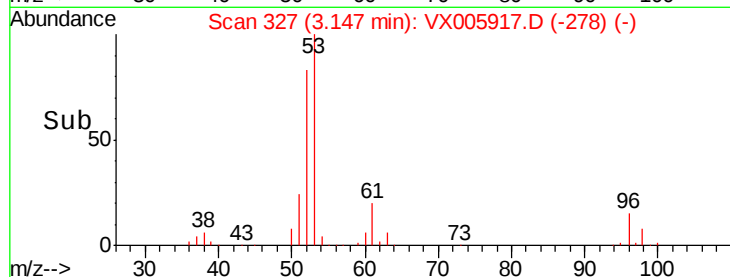
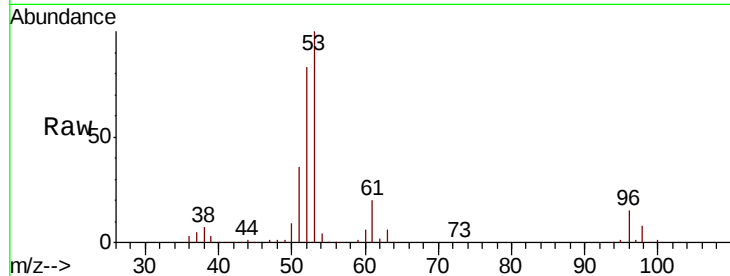
#15
 Acrylonitrile
 Concen: 262.235 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	185222
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.6	99.8
51	35.7	28.4	42.6

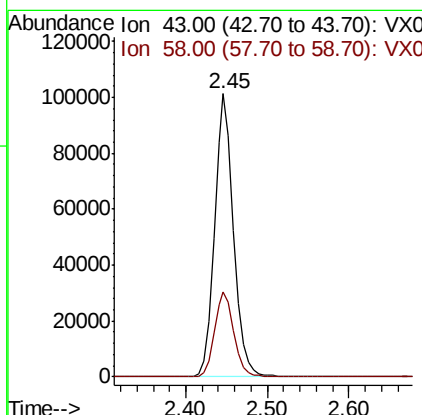
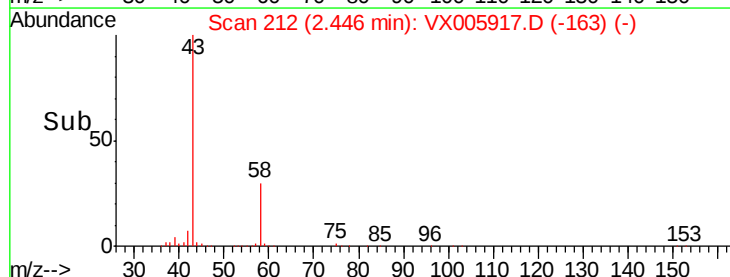
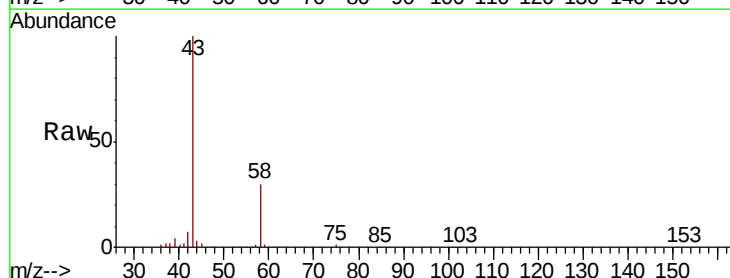
Manual Integrations
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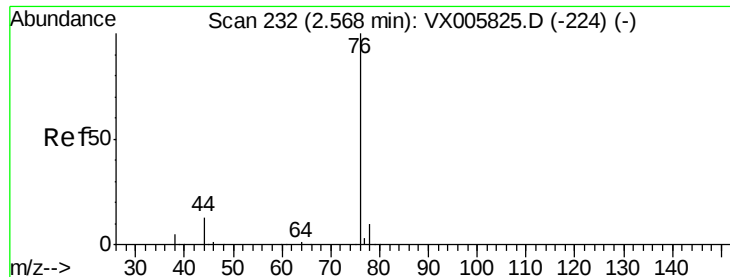
MMDadoda
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#16
 Acetone
 Concen: 256.098 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion:	43	Resp:	164056
Ion Ratio	Lower	Upper	
43	100		
58	30.0	23.8	35.6





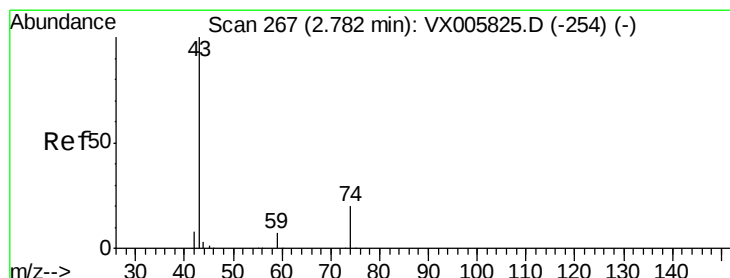
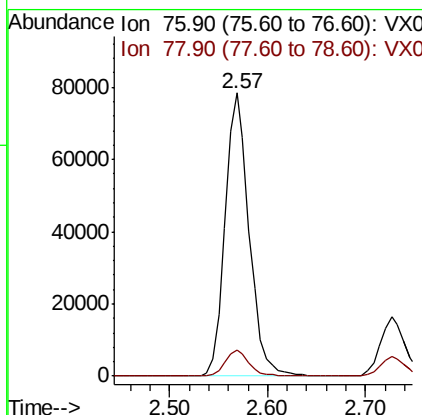
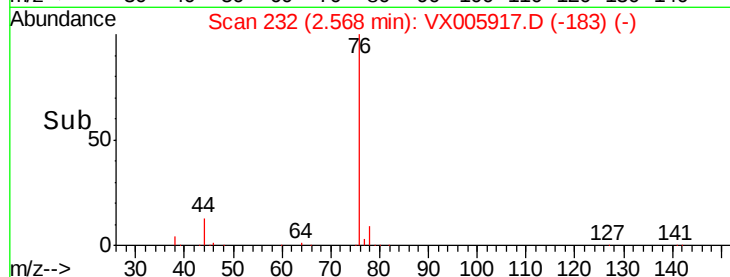
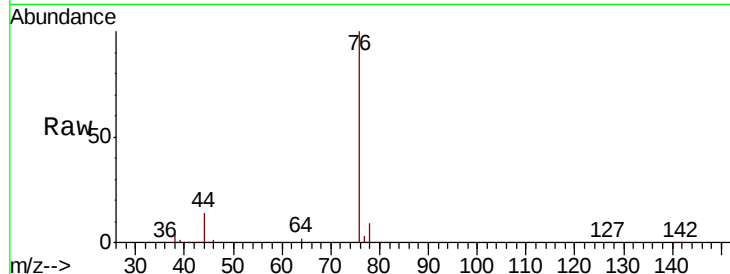
#17
Carbon Disulfide
Concen: 48.822 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

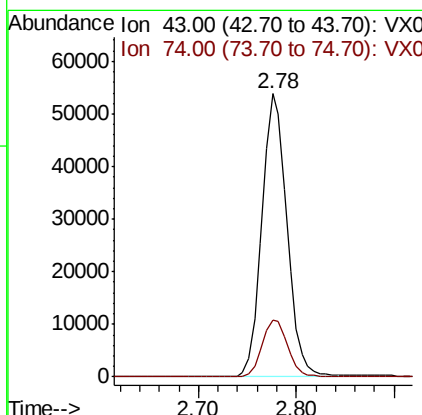
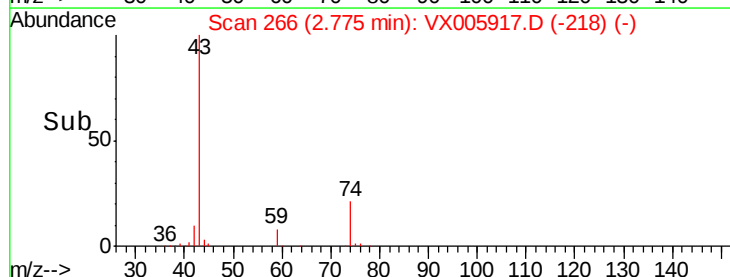
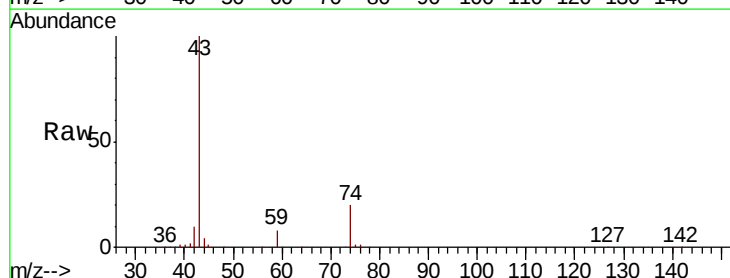
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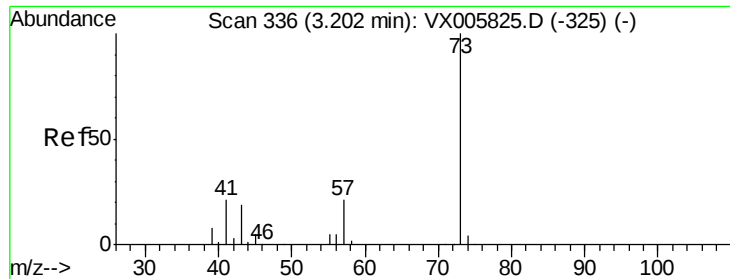
MMDadoda
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#18
Methyl Acetate
Concen: 55.891 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	16.8	25.2





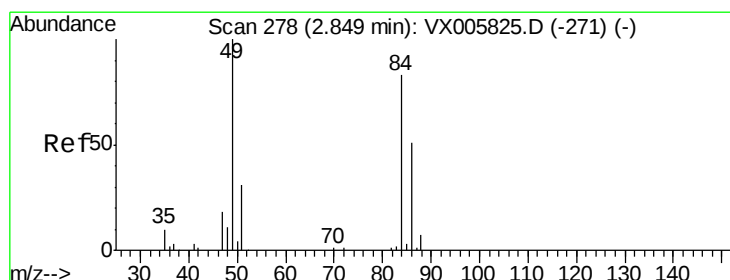
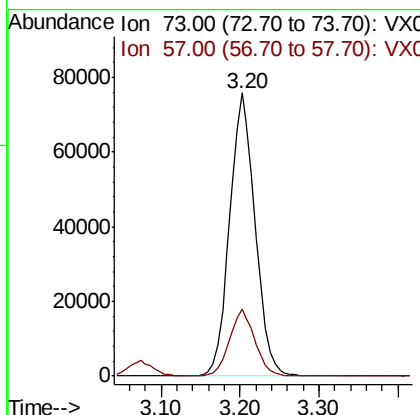
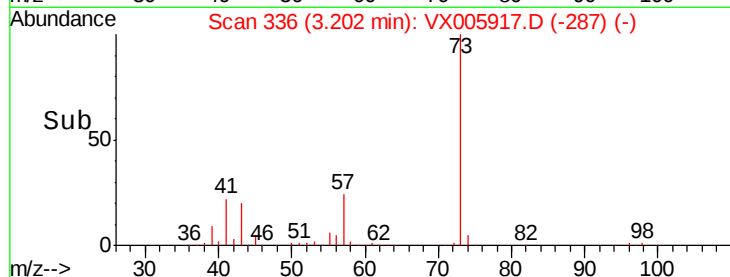
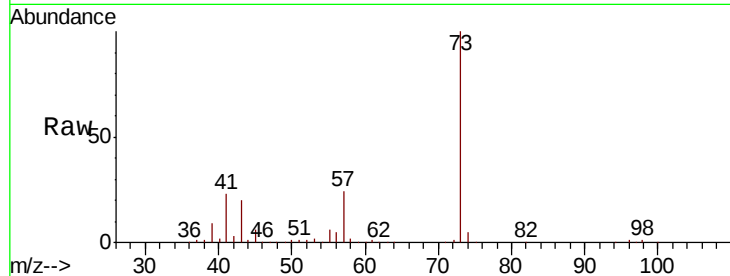
#19
Methvl tert-butvl Ether
Concen: 54.483 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 170102
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2

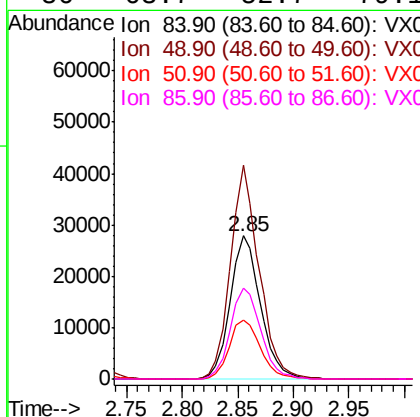
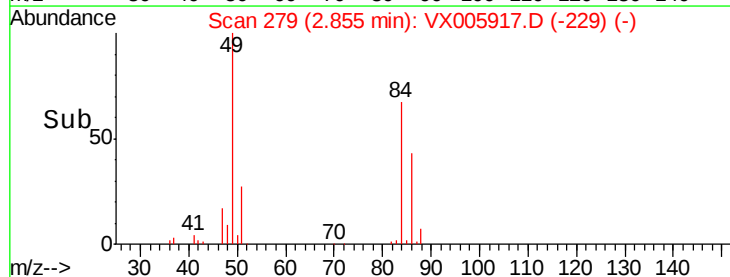
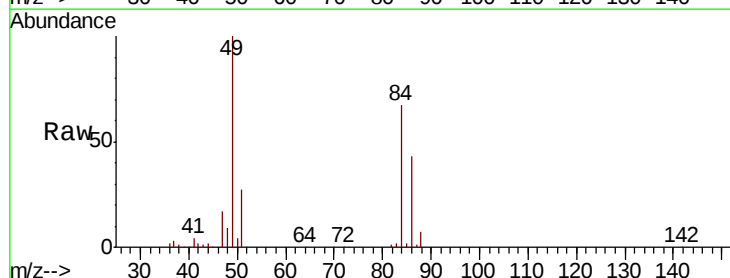
Manual Integrations
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#20
Methylene Chloride
Concen: 49.781 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion: 84 Resp: 52384
Ion Ratio Lower Upper
84 100
49 149.1 109.5 164.3
51 40.9 33.3 49.9
86 63.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.259 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 49456

Ion Ratio Lower Upper

96 100

61 153.3 115.6 173.4

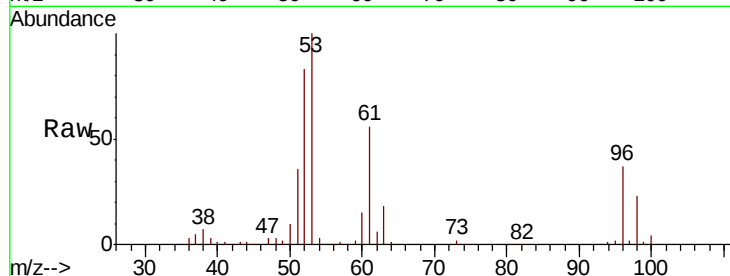
98 63.6 50.2 75.2

Manual Integrations

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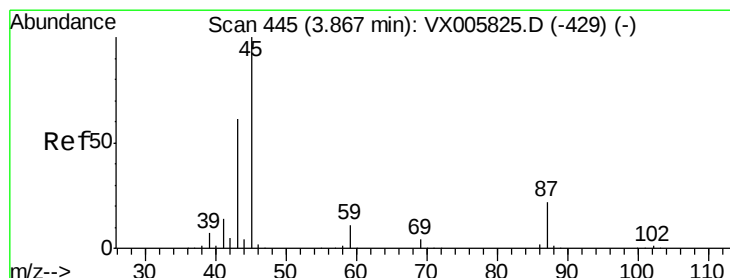
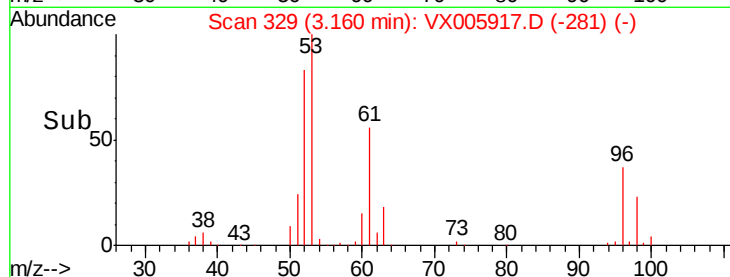
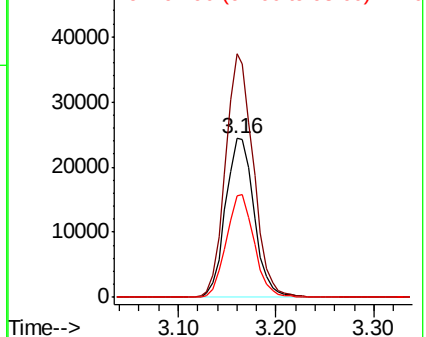


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.935 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Tgt Ion: 45 Resp: 178713

Ion Ratio Lower Upper

45 100

43 63.3 47.4 71.2

87 24.3 15.9 23.9#

59 11.2 7.7 11.5

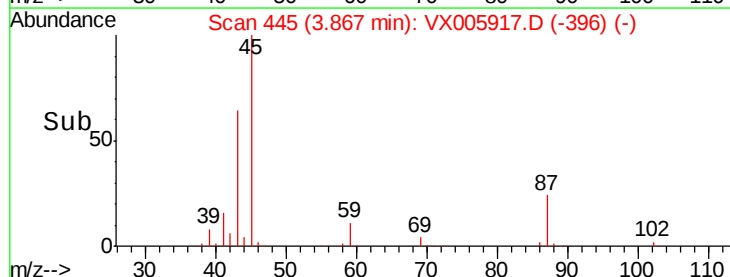
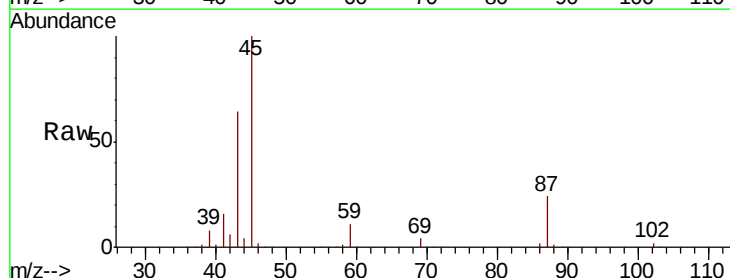
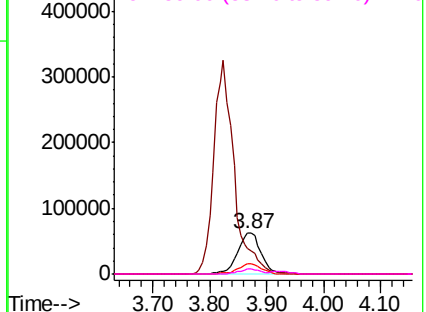
Abundance

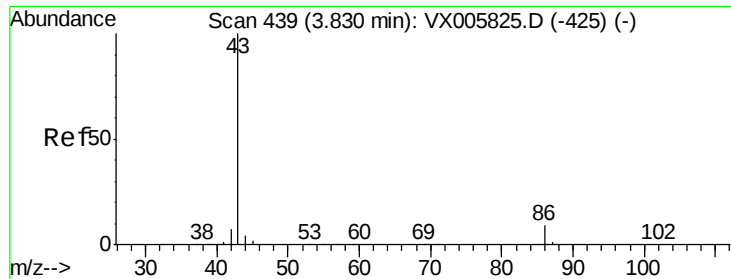
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 263.563 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 808765

Ion Ratio Lower Upper

43 100

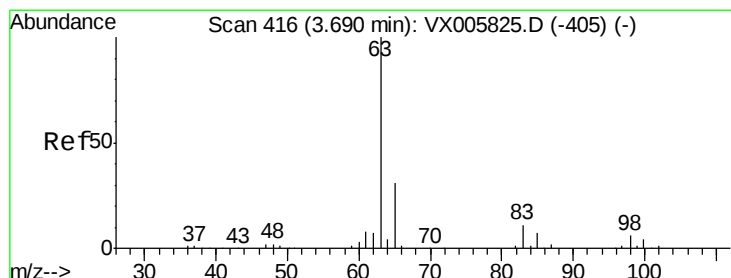
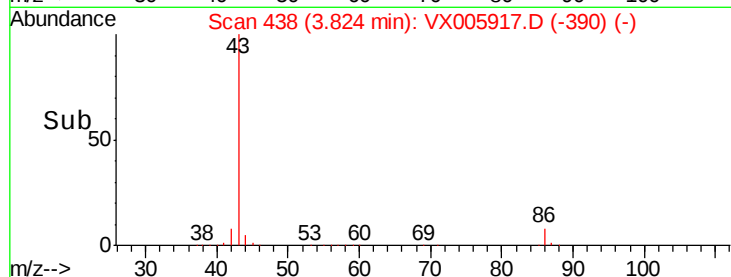
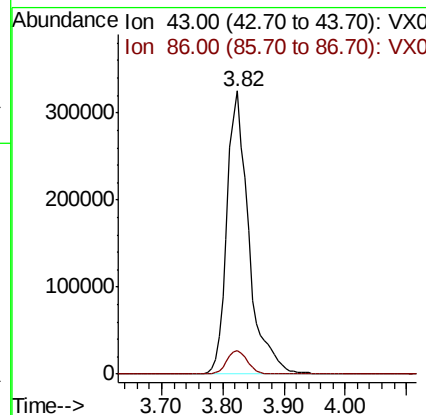
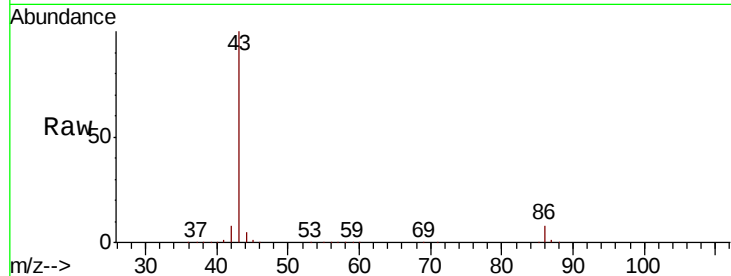
86 8.2 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.195 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

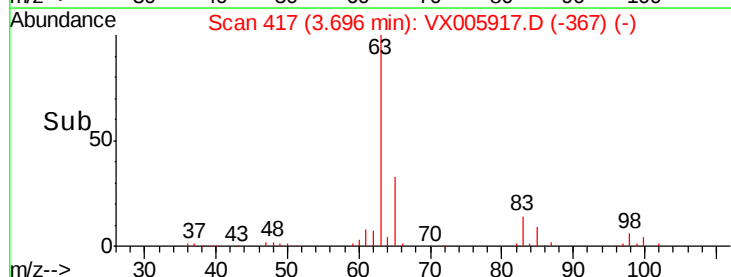
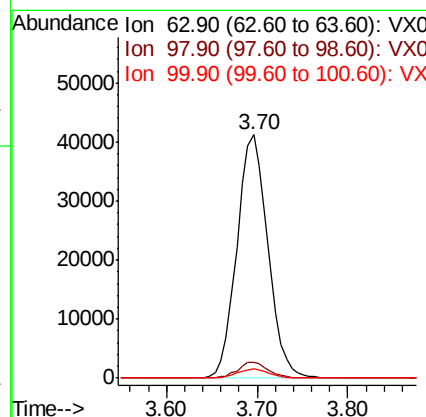
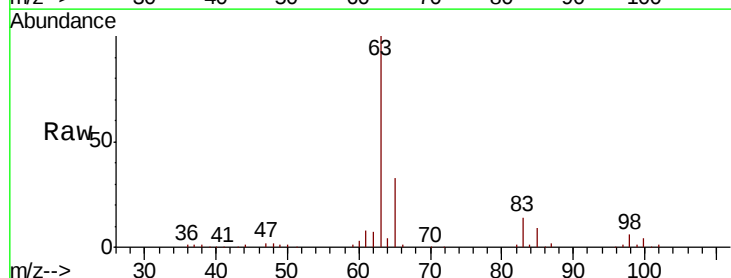
Tgt Ion: 63 Resp: 97752

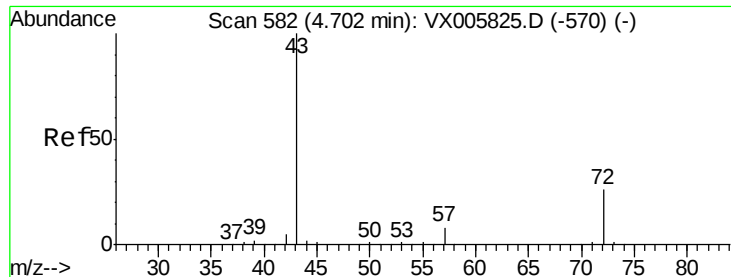
Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 247.412 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 249174

Ion Ratio Lower Upper

43 100

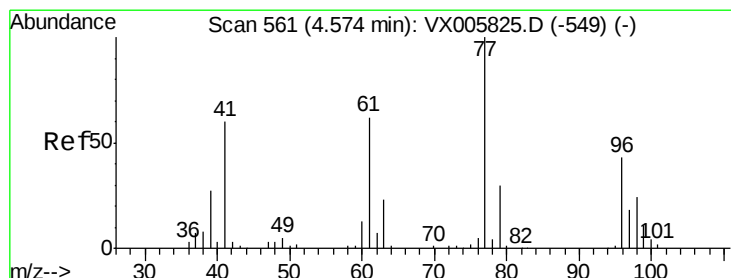
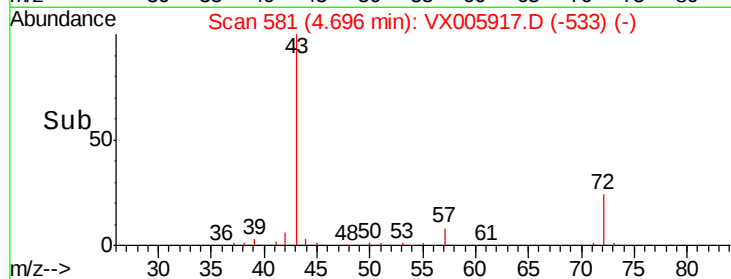
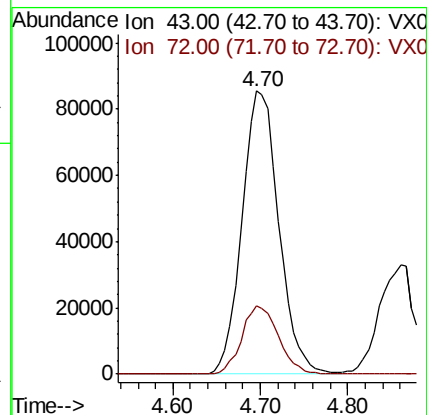
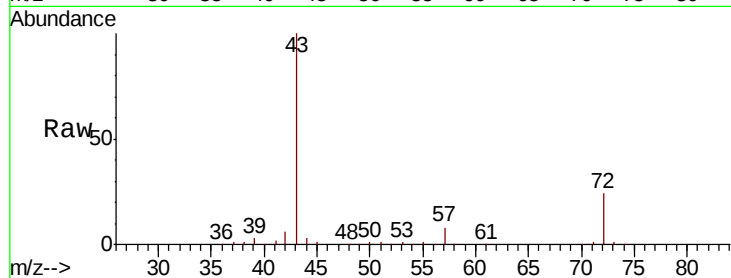
72 23.9 19.2 28.8

Manual Integrations

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MMDadoda

11/13/2018 12:19:22 PM



#26

2,2-Dichloropropane

Concen: 47.157 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005917.D

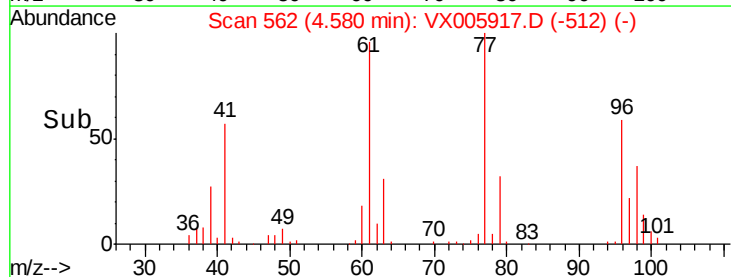
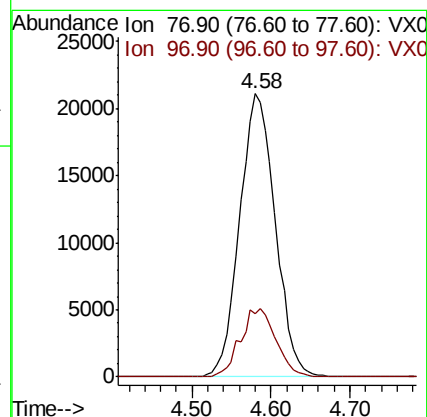
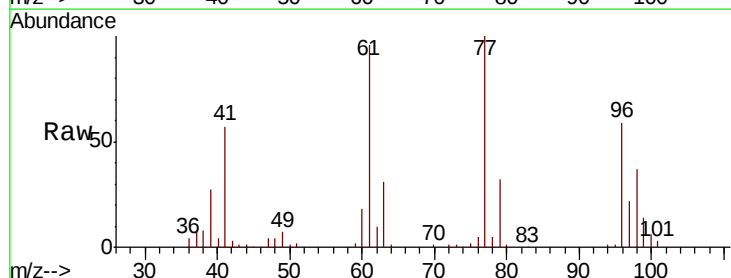
Acq: 12 Nov 2018 22:40

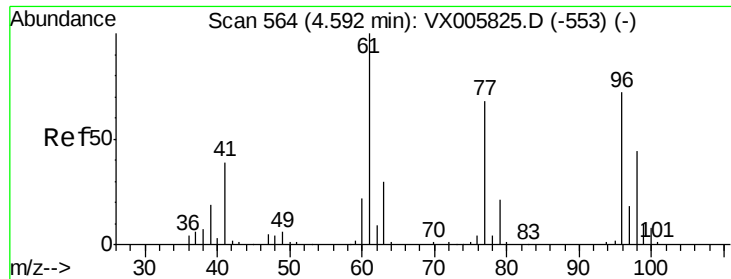
Tgt Ion: 77 Resp: 66050

Ion Ratio Lower Upper

77 100

97 24.0 11.5 34.5





#27

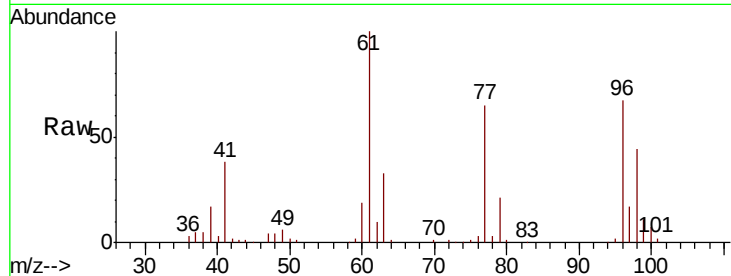
cis-1,2-Dichloroethene
Concen: 49.888 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

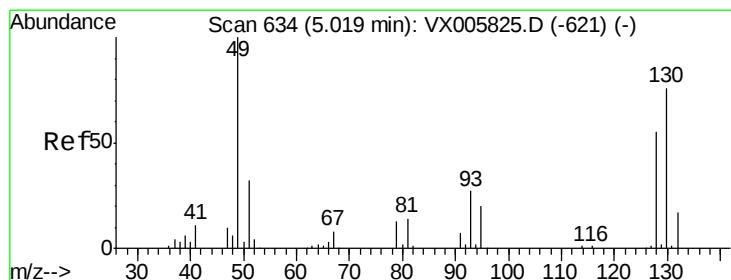
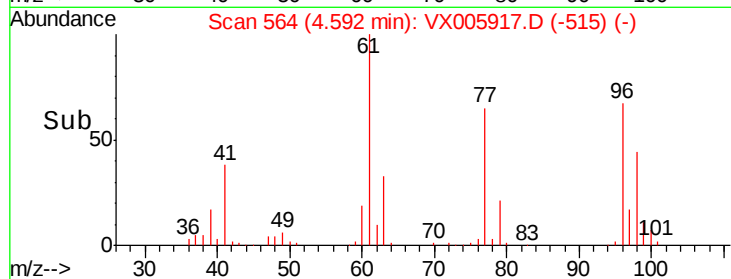
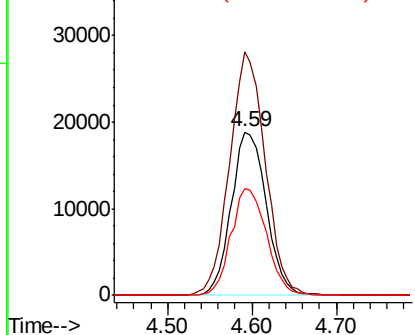
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	304.6
98	66.1	0.0	127.4

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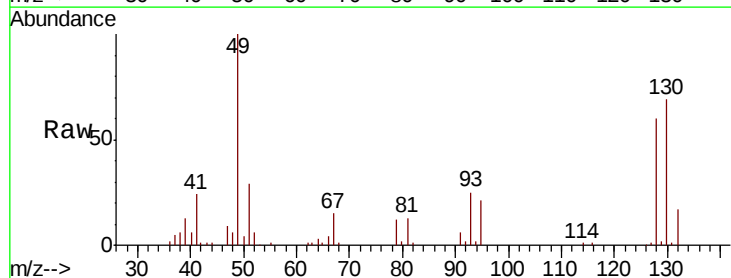
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



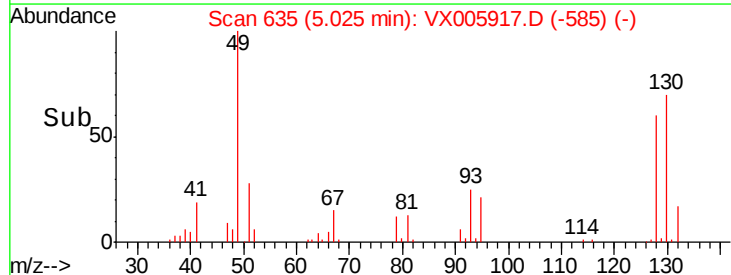
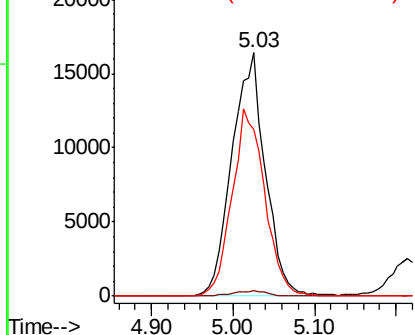
#28

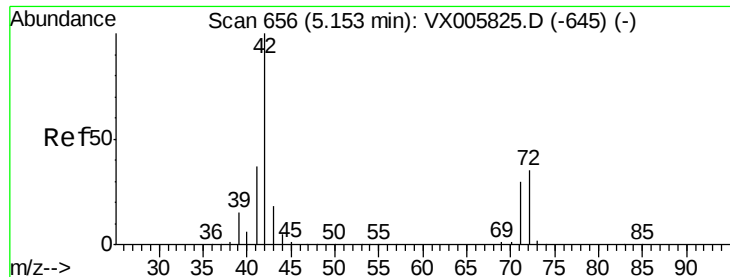
Bromochloromethane
Concen: 54.464 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	74.8	58.9	88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





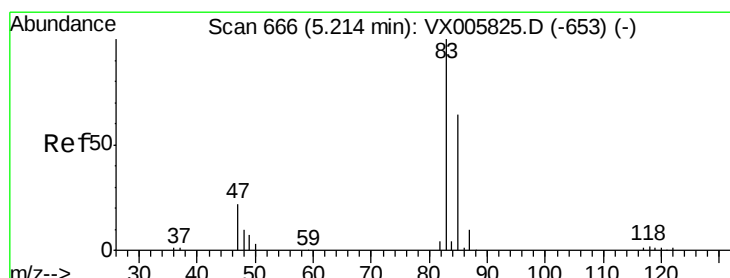
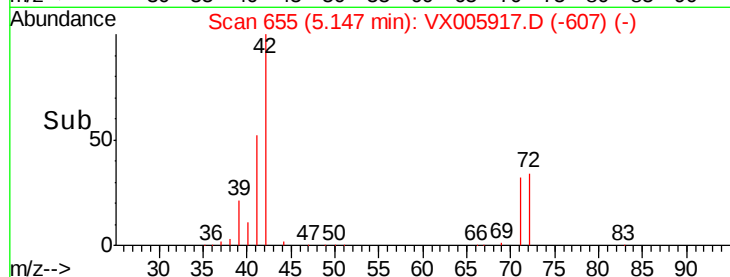
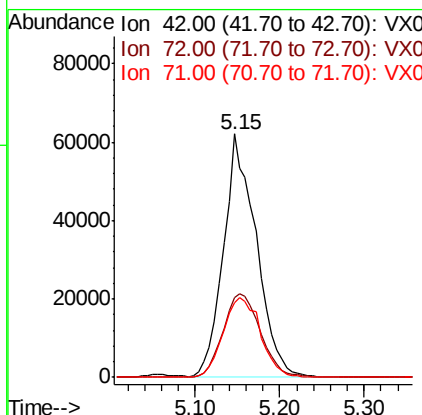
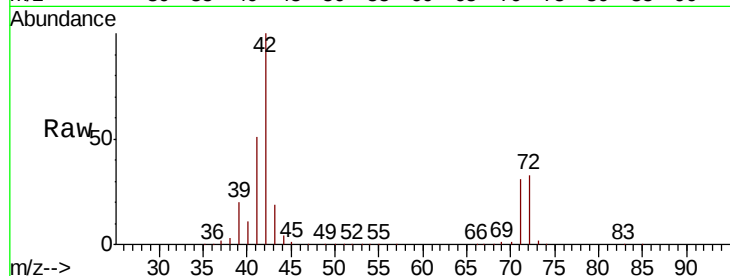
#29
Tetrahydrofuran
Concen: 253.402 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	32.0	48.0
71	37.5	29.8	44.8

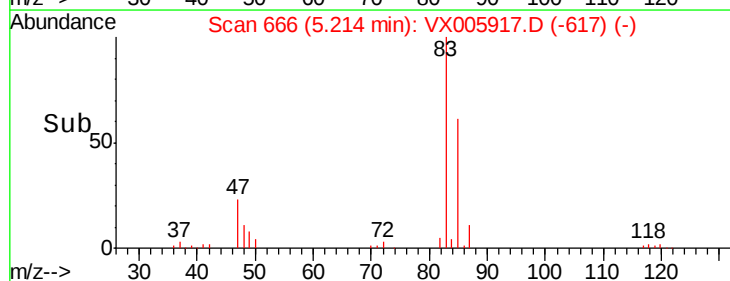
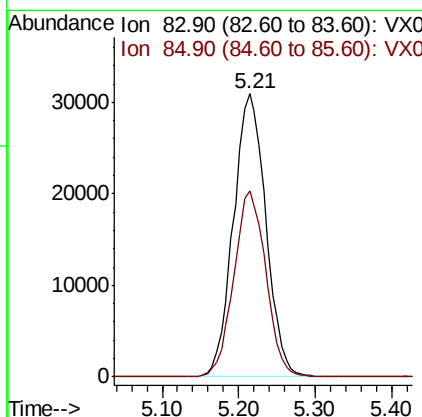
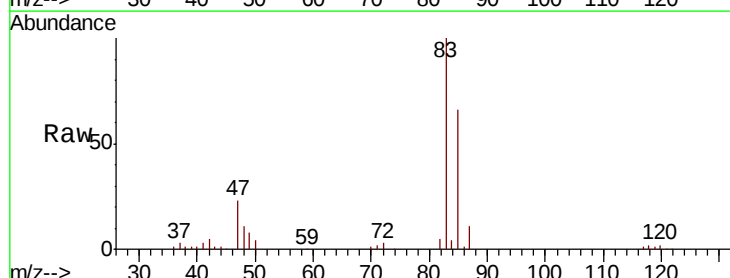
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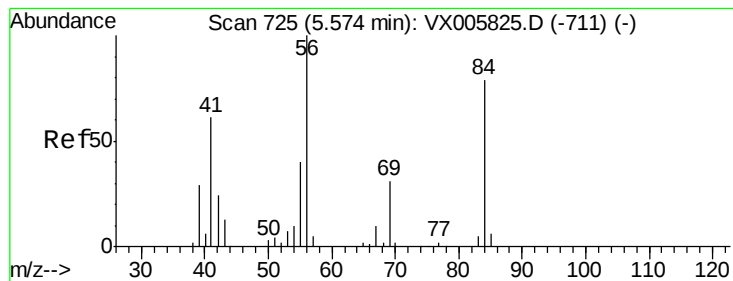
MMDadoda
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#30
Chloroform
Concen: 49.376 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.6	76.0





#31

Cyclohexane

Concen: 49.655 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

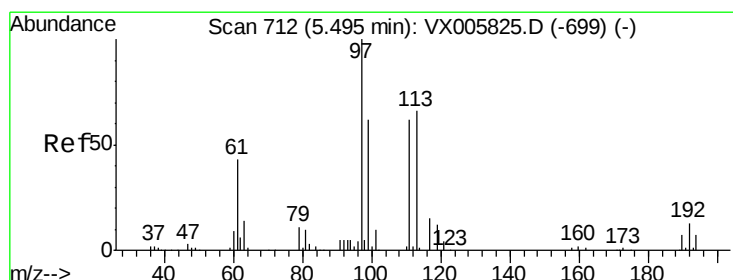
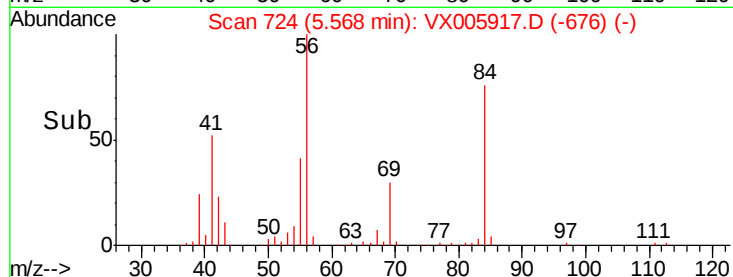
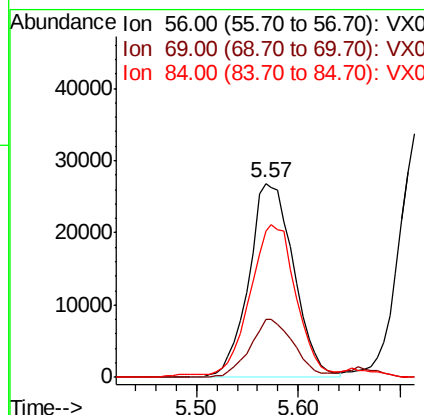
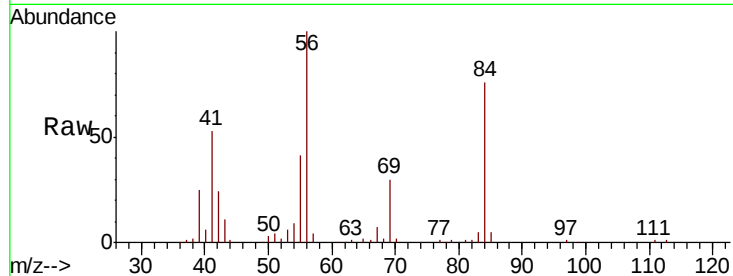
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	82300
Ion	Ratio	Lower	Upper
56	100		
69	29.6	22.6	34.0
84	73.7	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 51.998 ug/l

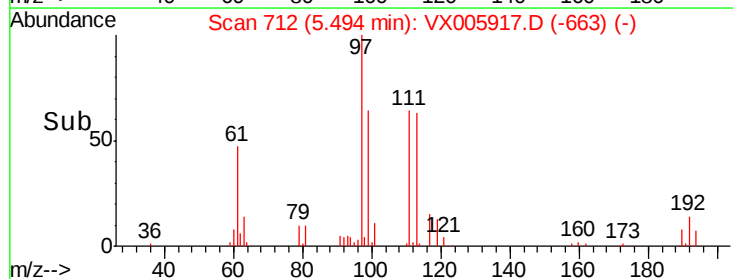
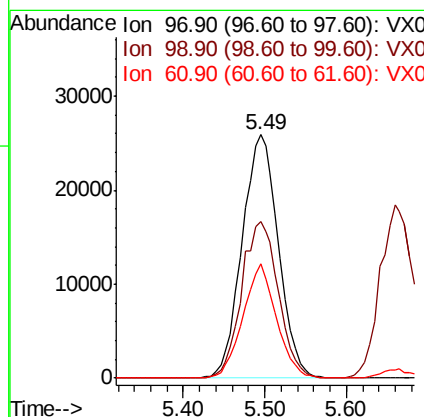
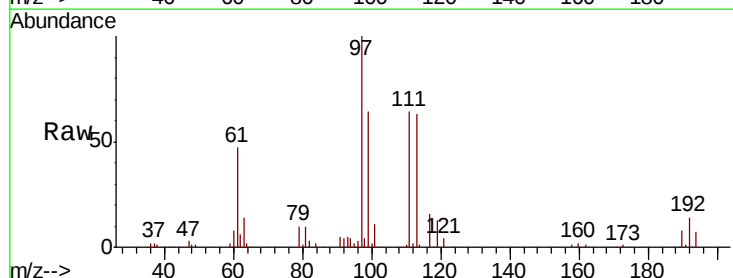
RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Tgt Ion:	97	Resp:	79896
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.3	78.5
61	43.4	35.2	52.8





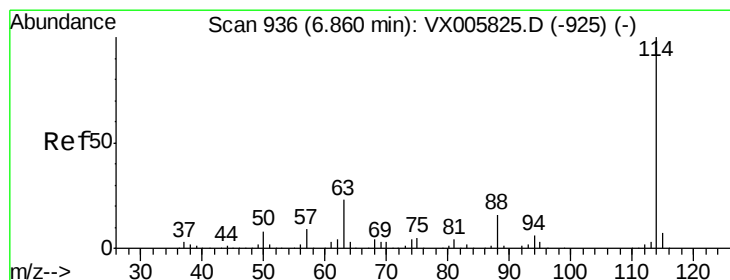
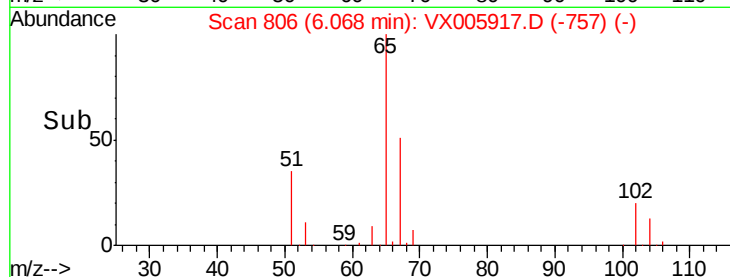
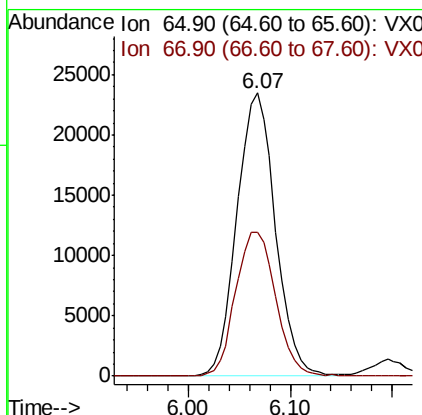
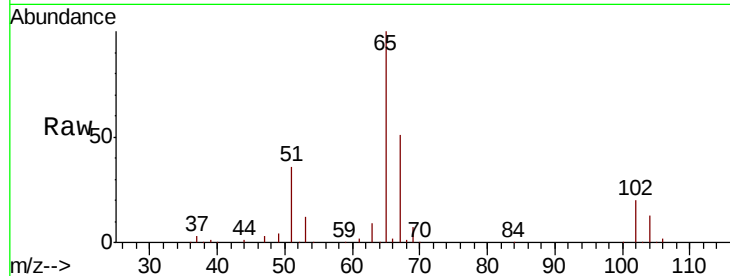
#33
 1,2-Dichloroethane-d4
 Concen: 51.684 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 61492
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0

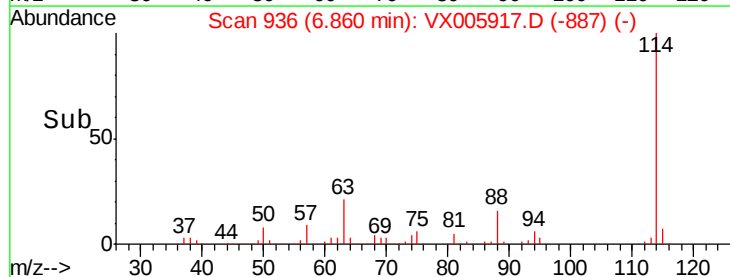
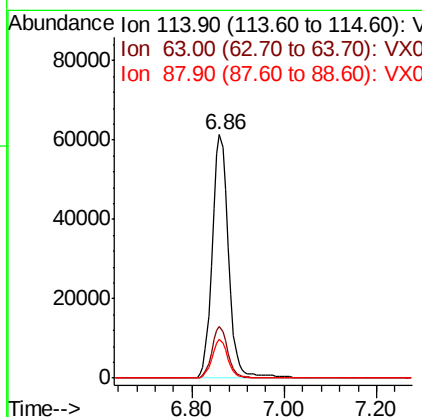
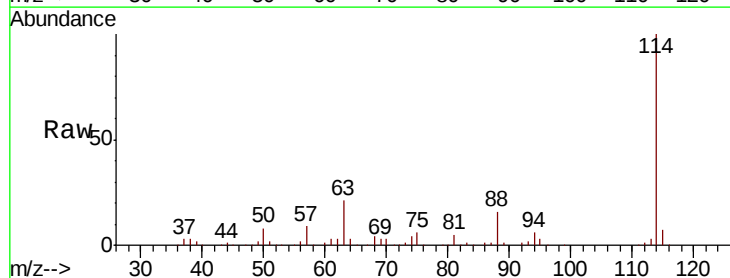
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 114 Resp: 150644
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.9 0.0 31.2





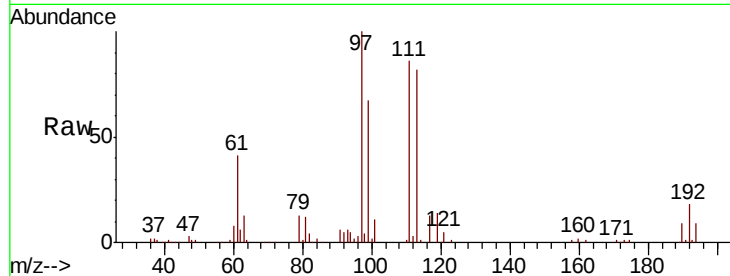
#35
 Dibromofluoromethane
 Concen: 47.950 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.4	82.3	123.5
192	24.0	17.9	26.9

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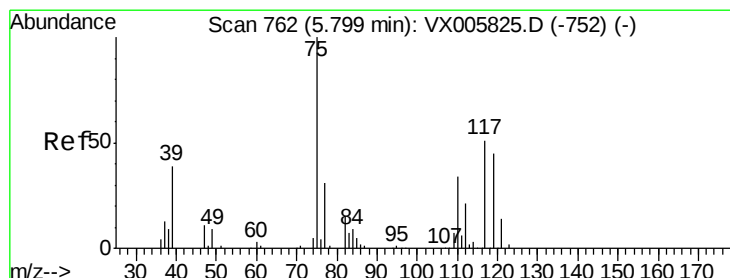
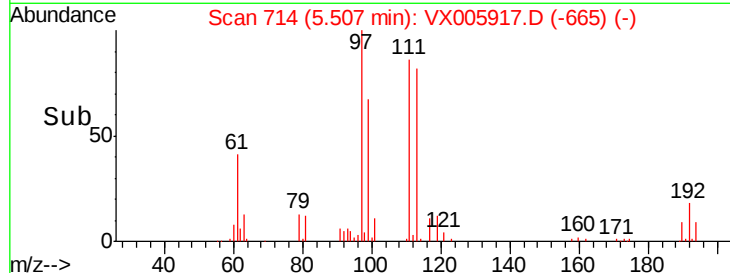
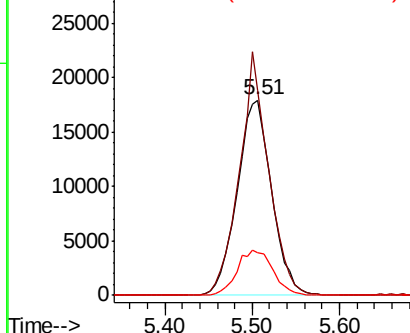


Abundance

Ion 112.80 (112.50 to 113.50): V

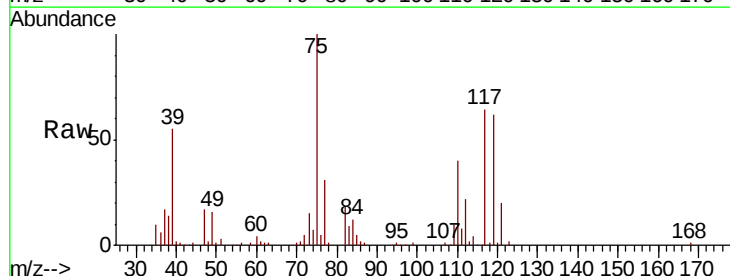
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 46.130 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.4	52.2
77	32.1	25.8	38.6

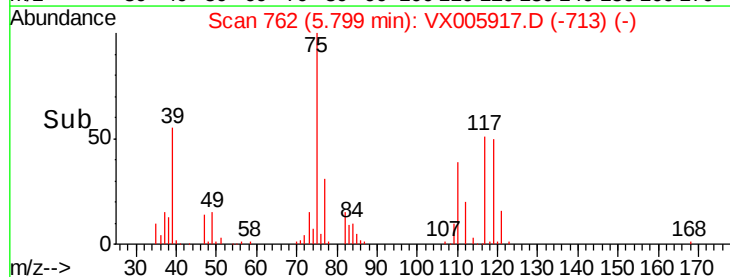
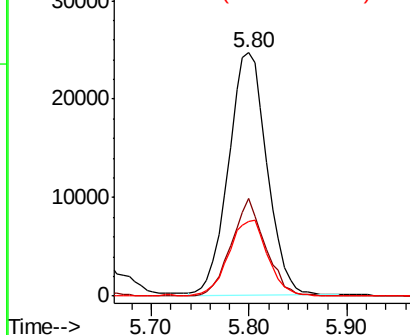


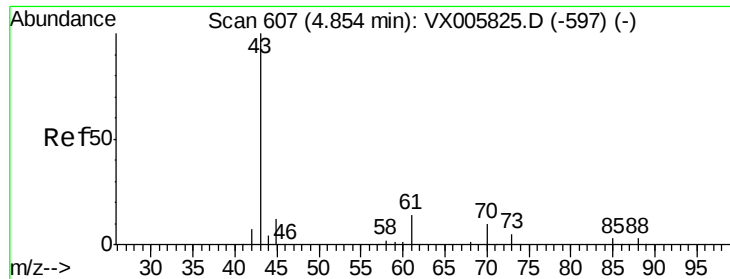
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





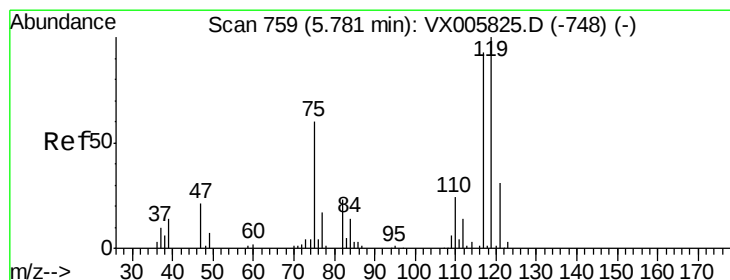
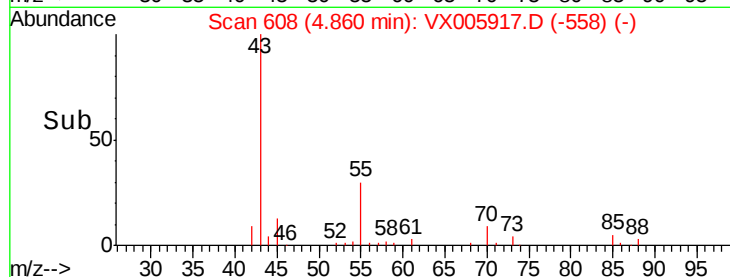
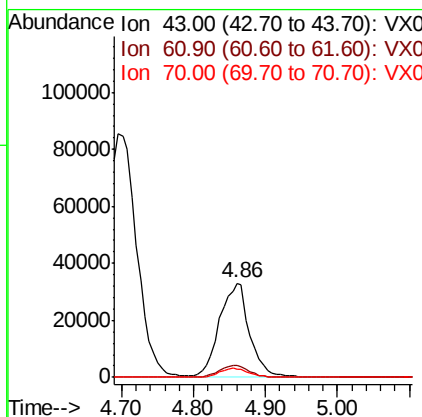
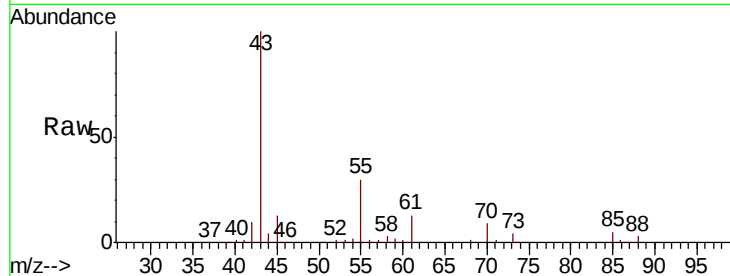
#37
Ethyl Acetate
Concen: 49.753 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.8	16.2
70	9.3	7.8	11.8

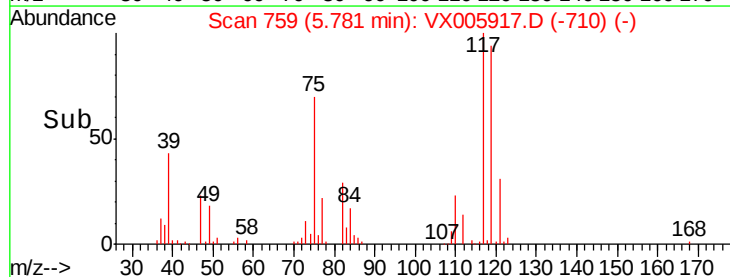
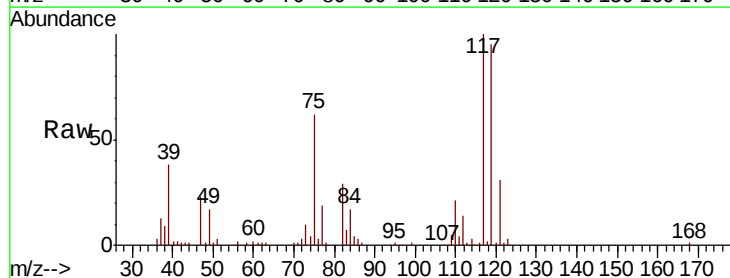
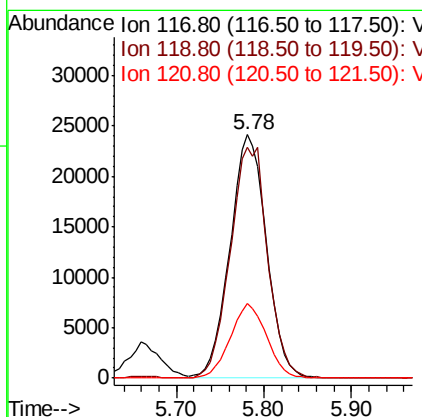
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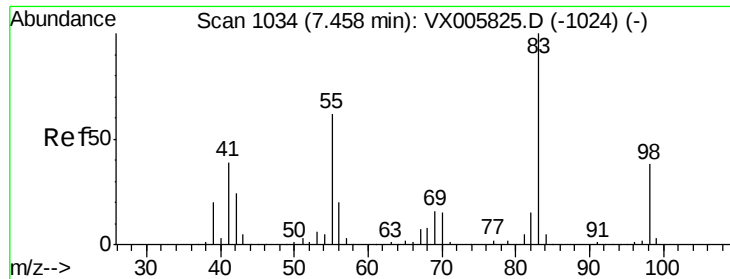
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#38
Carbon Tetrachloride
Concen: 48.041 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.1	117.1
121	30.7	24.6	36.8





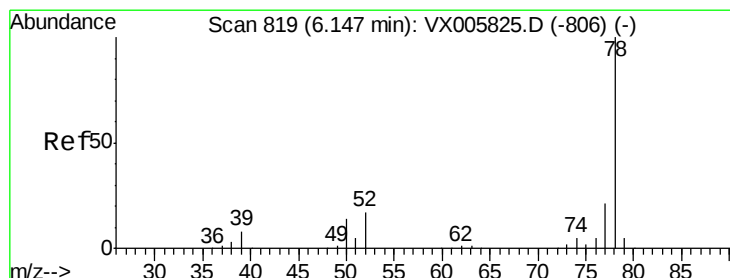
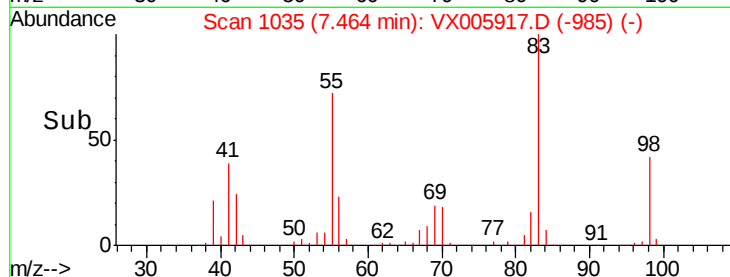
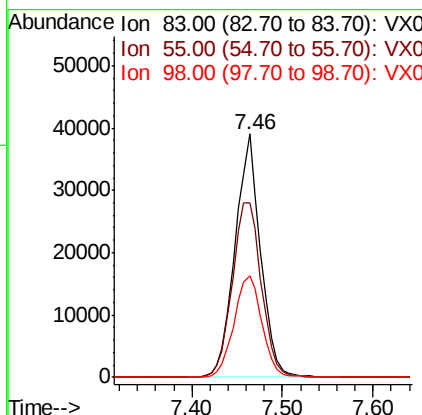
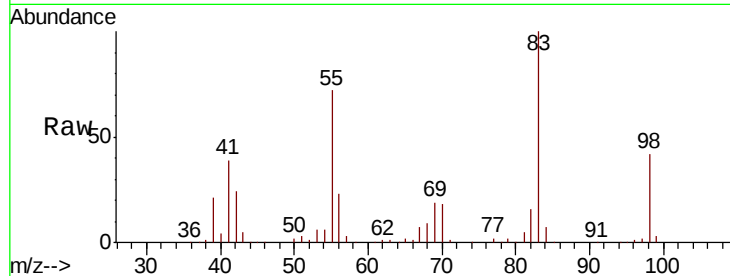
#39
Methvlcvclohexane
Concen: 51.644 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	63.7	95.5
98	41.6	36.2	54.2

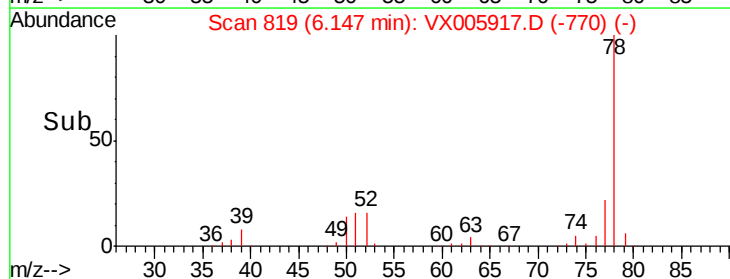
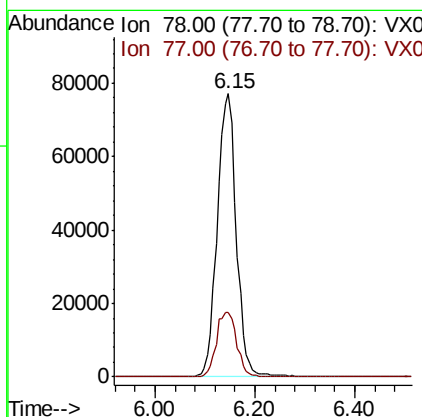
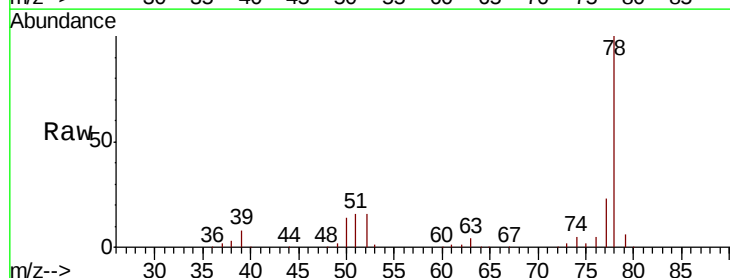
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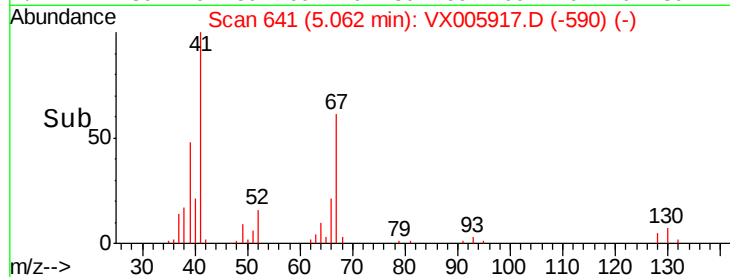
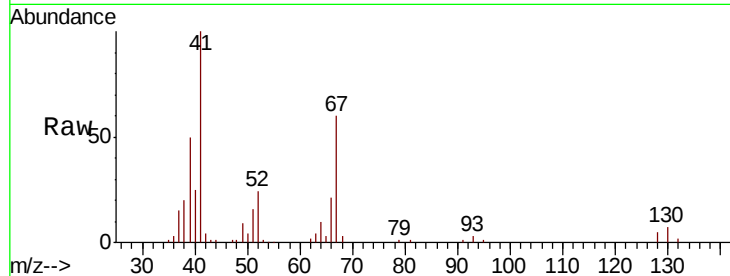
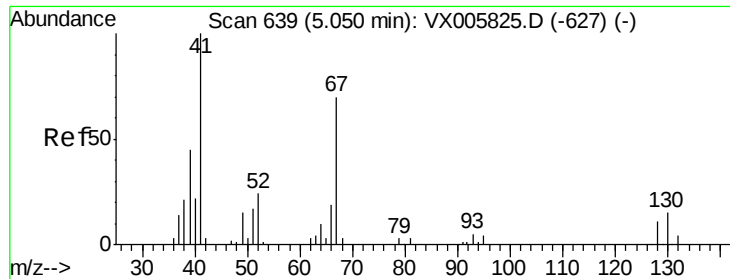
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#40
Benzene
Concen: 48.265 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

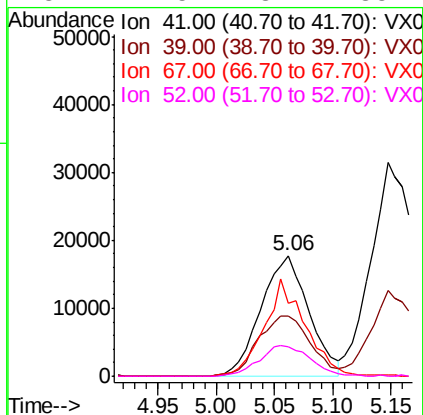
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.4	27.6





#41
Methacrylonitrile
Concen: 49.016 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

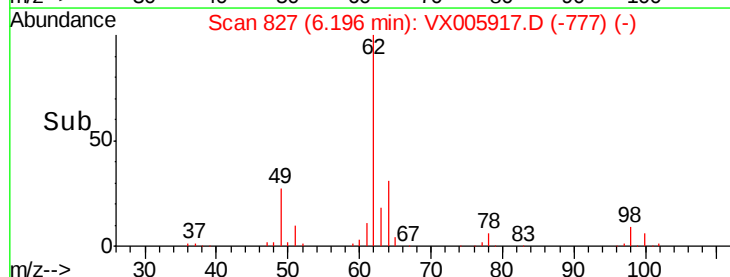
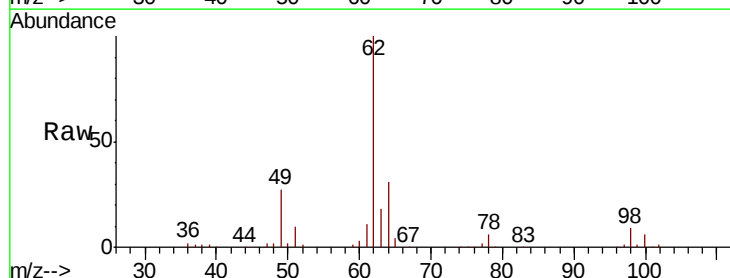
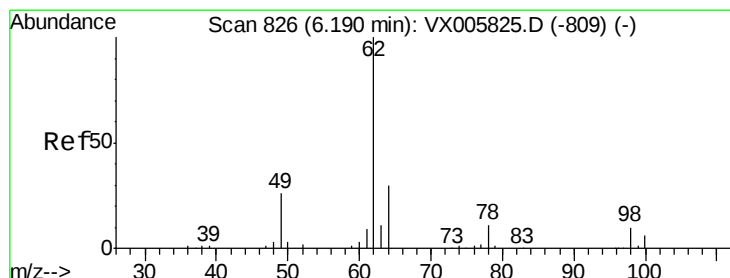
Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.2	63.2
67	69.3	53.4	80.0
52	27.5	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

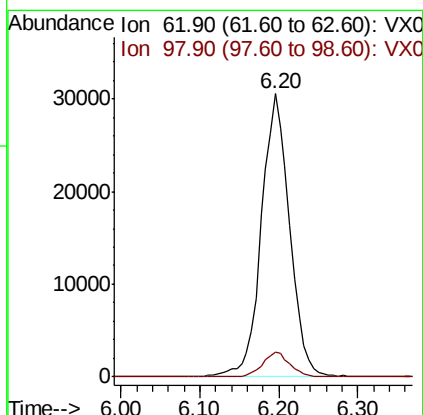
Manual Integrations
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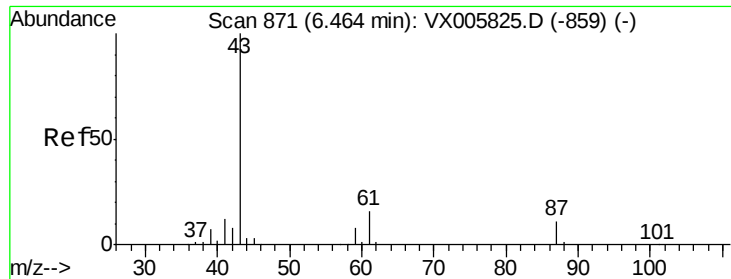
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#42
1,2-Dichloroethane
Concen: 50.129 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8





#43

Isopropyl Acetate

Concen: 49.535 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

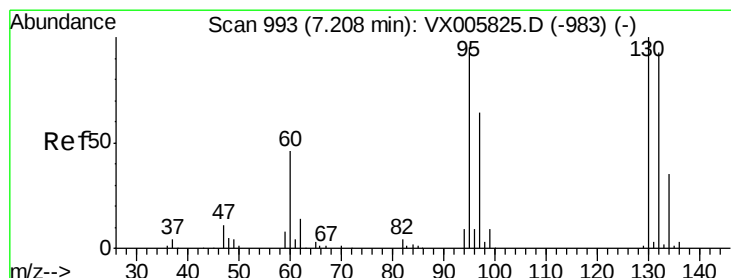
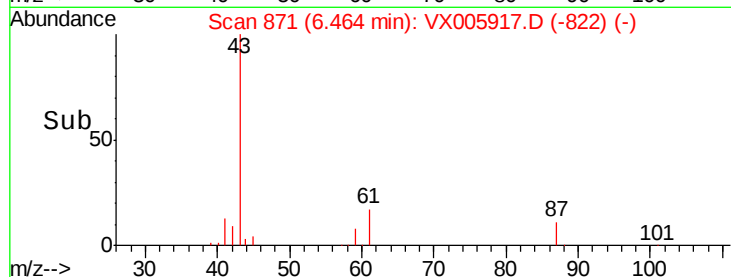
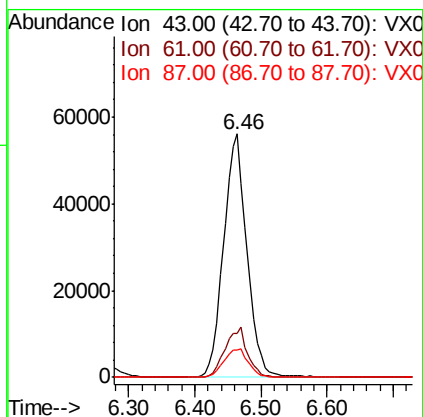
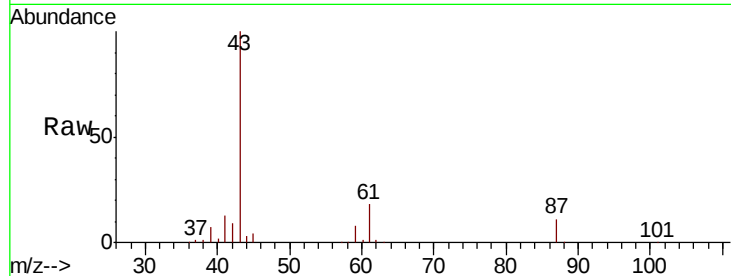
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	137075
Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.6	22.0
87	12.1	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 50.206 ug/l

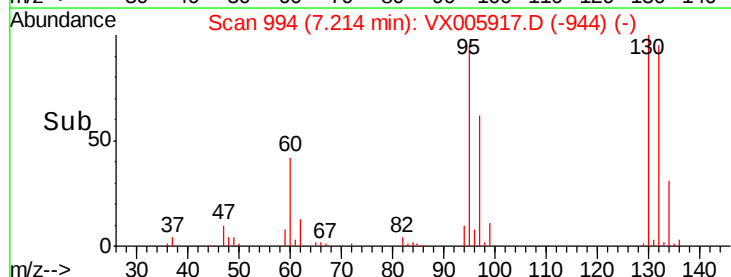
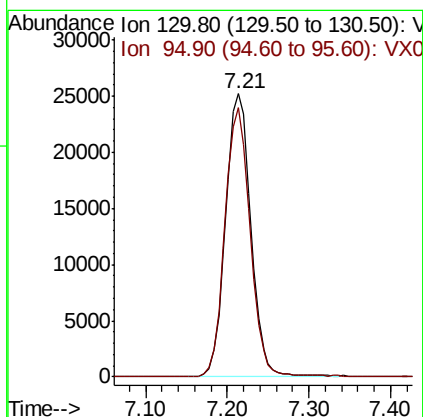
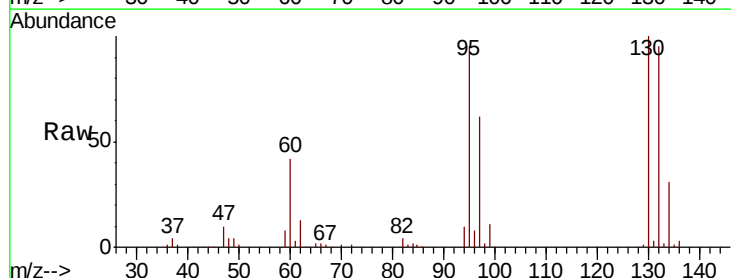
RT: 7.21 min Scan# 994

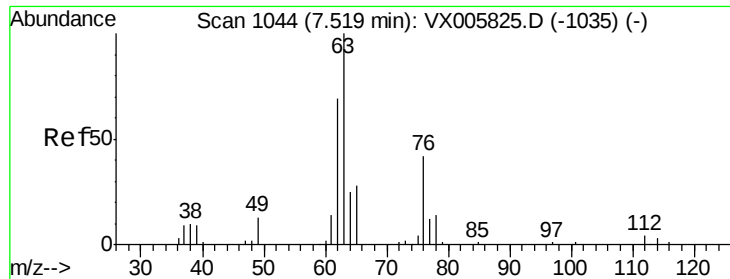
Delta R.T. 0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Tgt Ion:	130	Resp:	53979
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	194.2





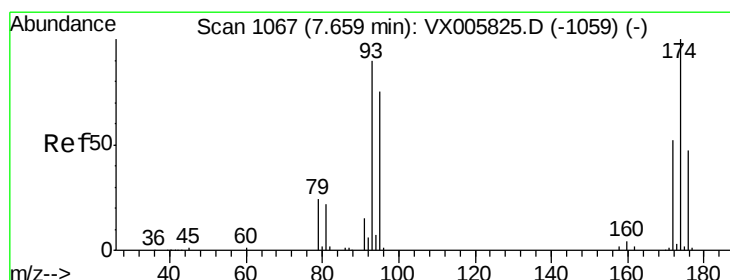
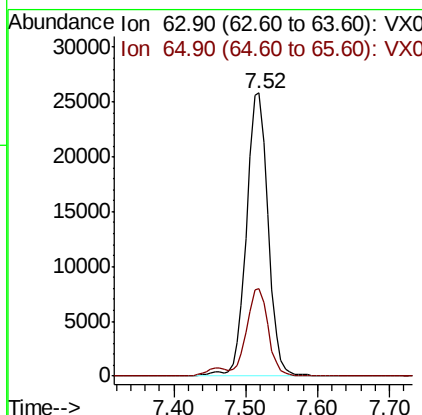
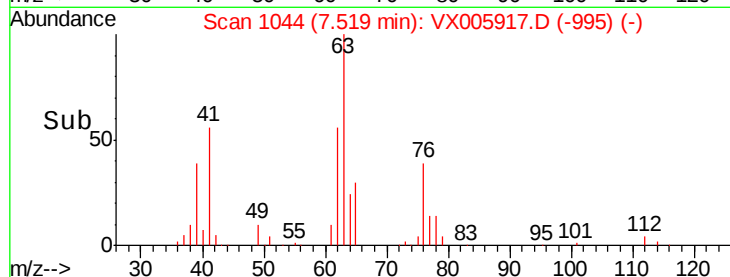
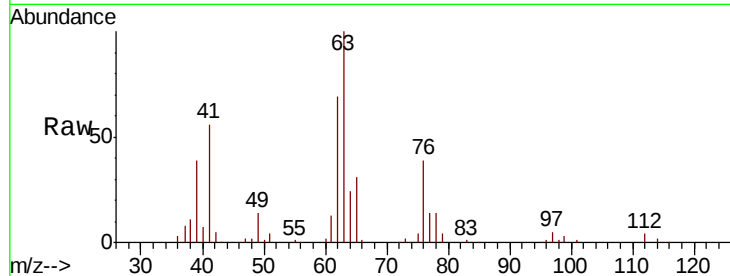
#45
 1,2-Dichloropropane
 Concen: 52.630 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 54081
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2

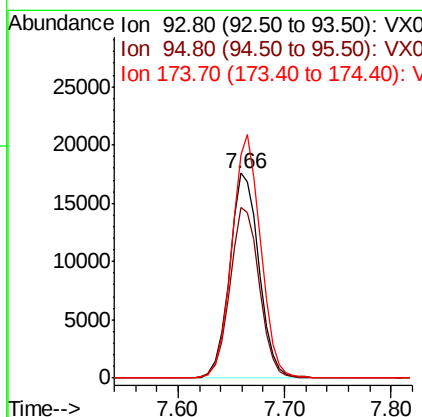
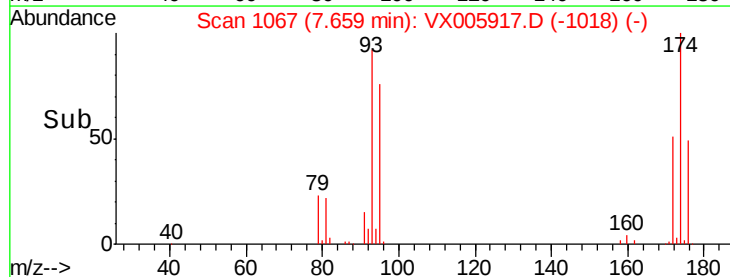
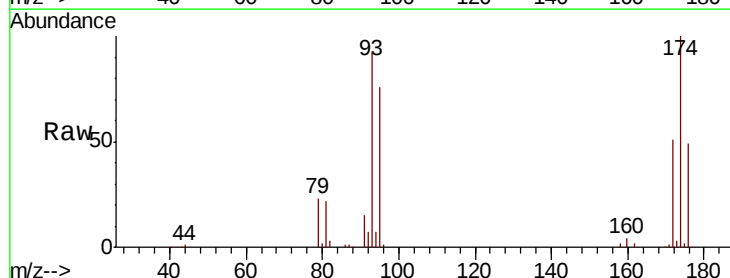
Manual Integrations
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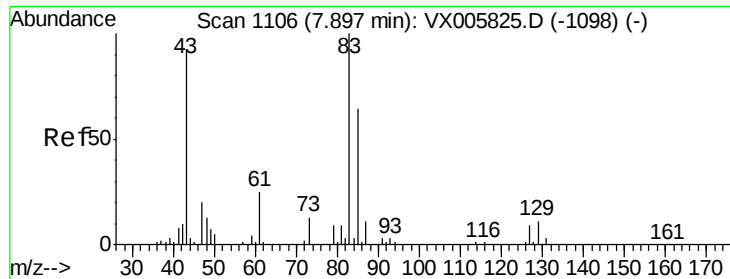
MMDadoda
 11/13/2018 12:19:22 PM



#46
 Dibromomethane
 Concen: 52.677 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion: 93 Resp: 33967
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.4 101.0
 174 116.1 91.5 137.3





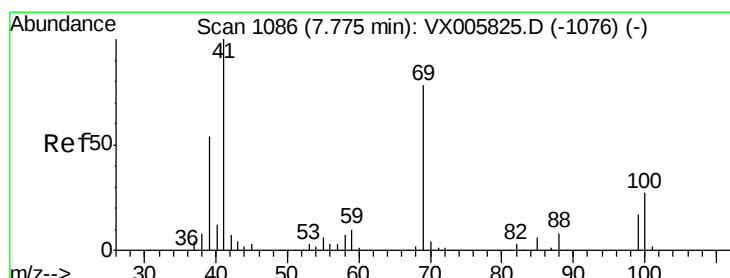
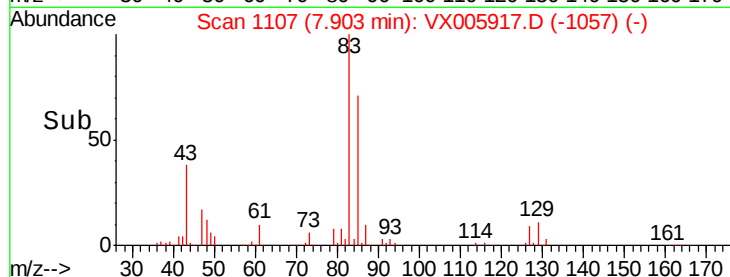
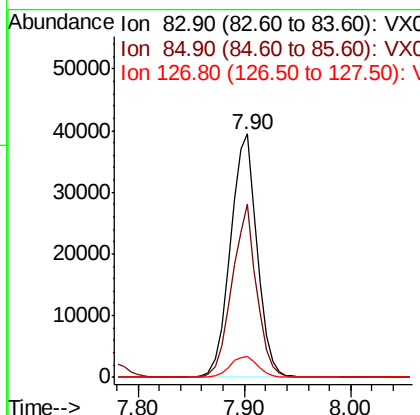
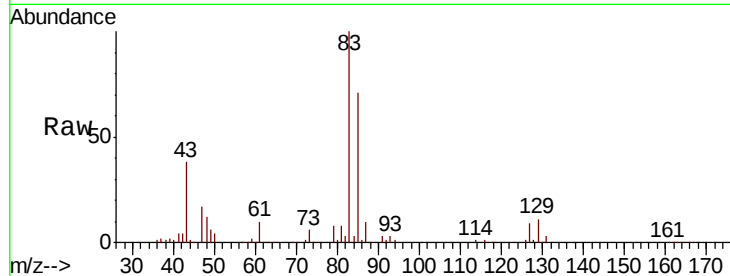
#47
 Bromodichloromethane
 Concen: 56.761 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	69169		
85	71.1	50.2	75.4	
127	8.8	6.9	10.3	

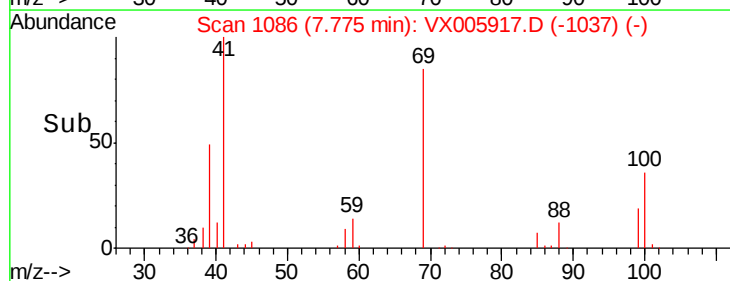
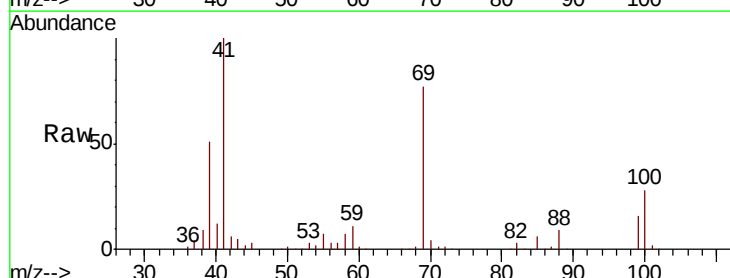
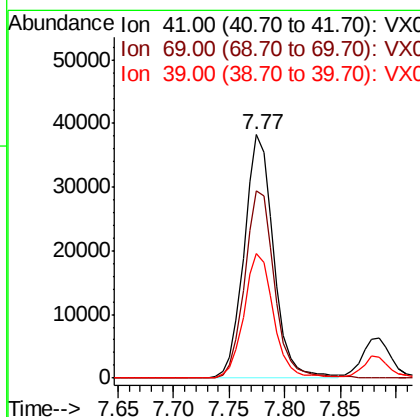
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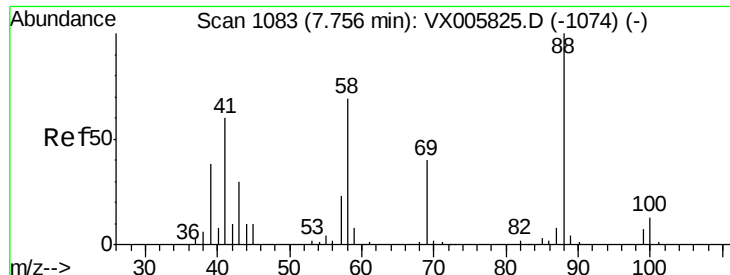
MMDadoda
 11/13/2018 12:19:22 PM



#48
 Methyl methacrylate
 Concen: 56.644 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	70382		
69	78.0	63.2	94.8	
39	51.6	42.2	63.2	





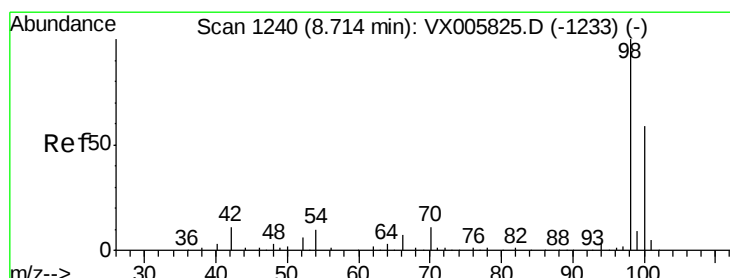
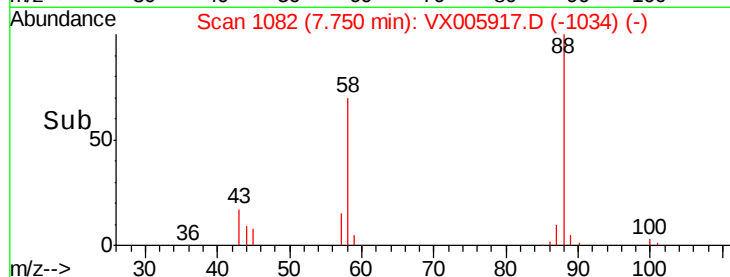
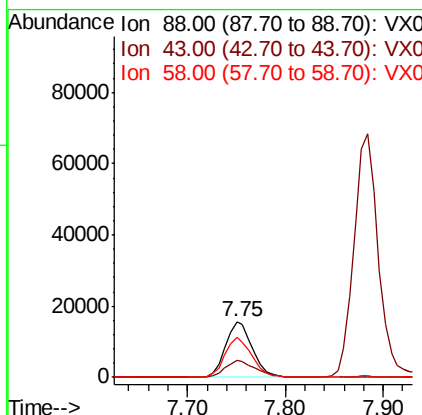
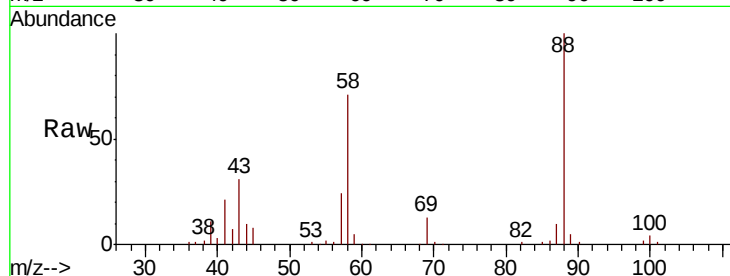
#49
1,4-Dioxane
Concen: 1094.683 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	27.4	41.0
58	73.6	59.4	89.2

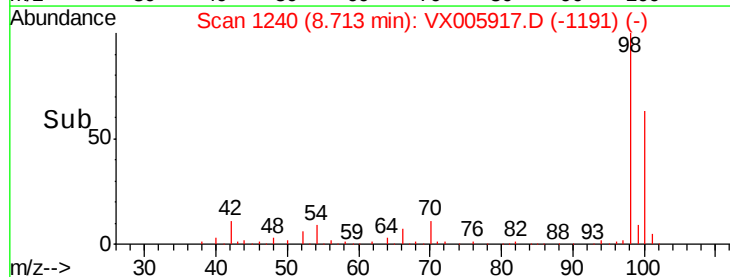
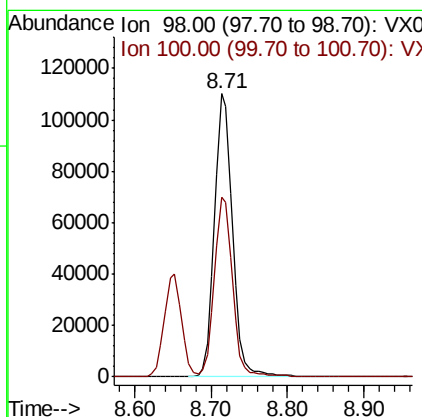
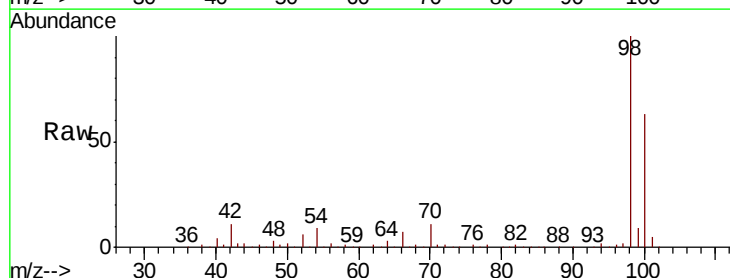
Manual Integrations
APPROVED

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#50
Toluene-d8
Concen: 52.922 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 268.623 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 468483

Ion Ratio Lower Upper

43 100

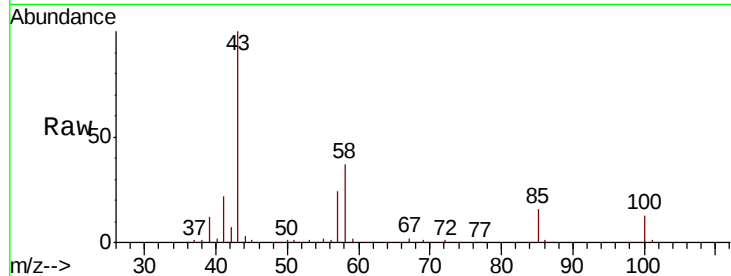
58 37.3 29.7 44.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

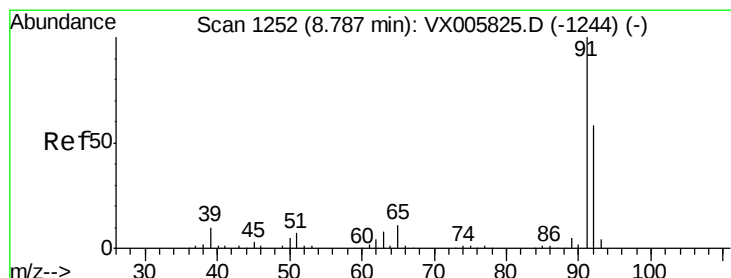
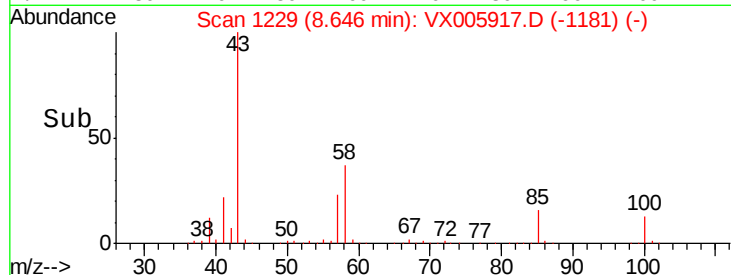
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.080 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005917.D

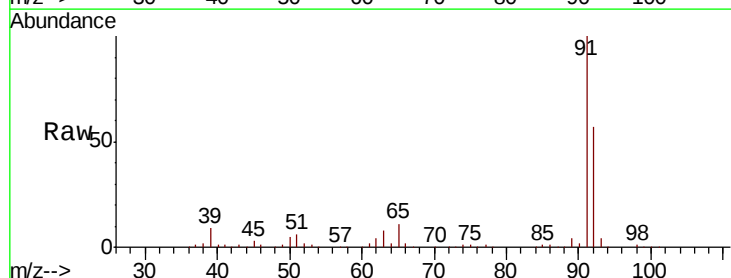
Acq: 12 Nov 2018 22:40

Tgt Ion: 92 Resp: 123227

Ion Ratio Lower Upper

92 100

91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

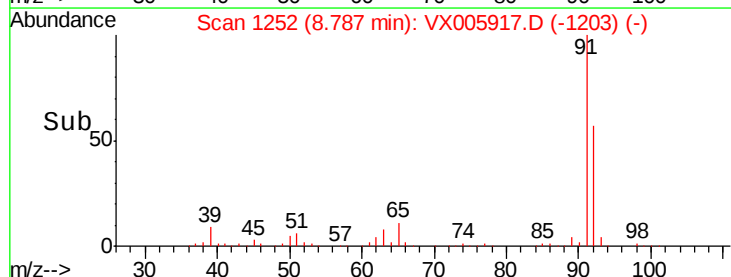
150000

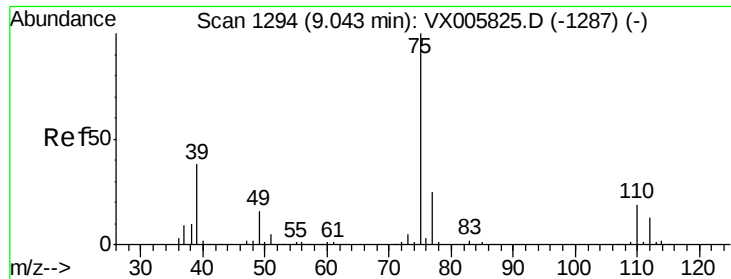
100000

50000

0

Time-->





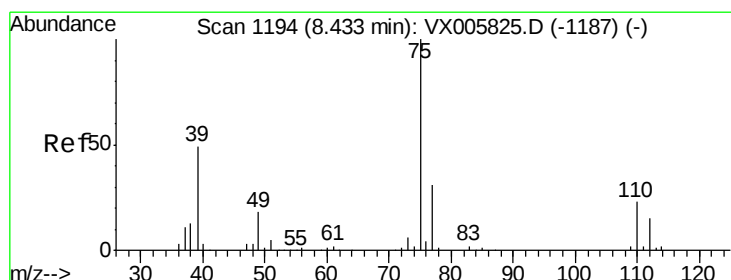
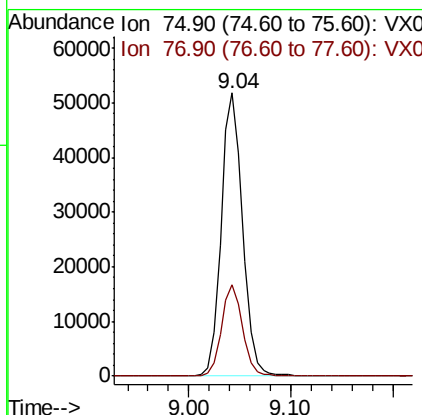
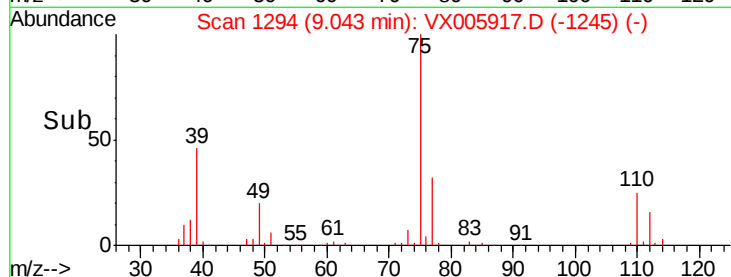
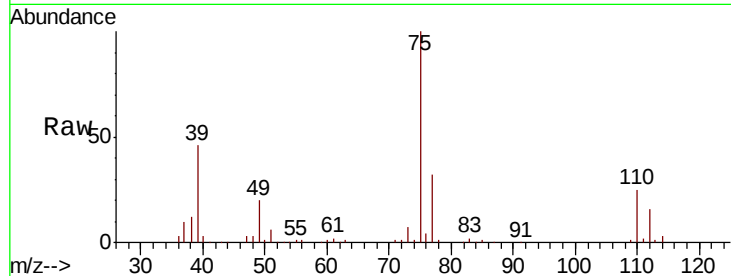
#53
t-1,3-Dichloropropene
Concen: 52.476 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 75465
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2

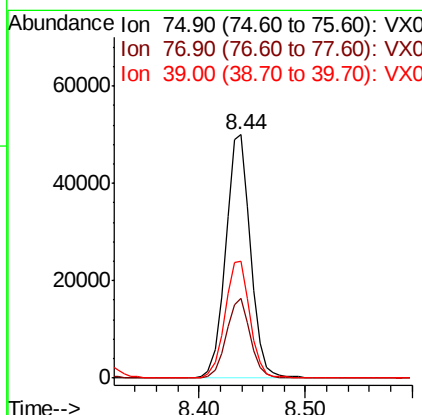
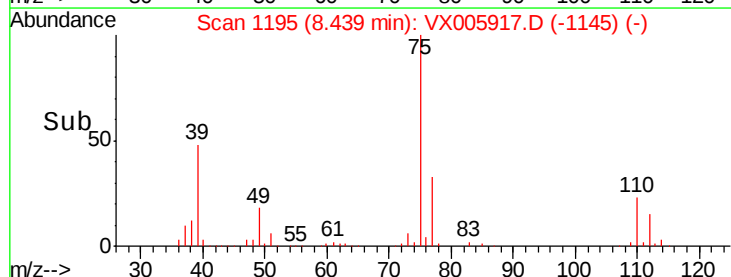
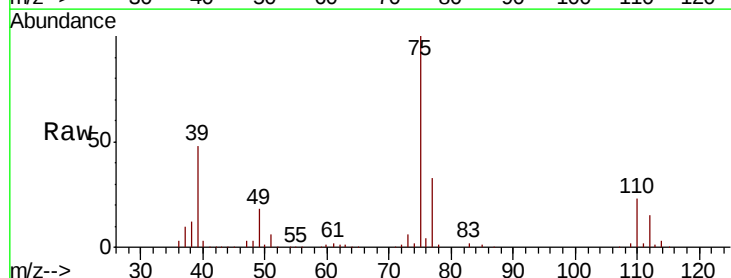
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 55.489 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion: 75 Resp: 81334
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8
39 47.9 38.2 57.2





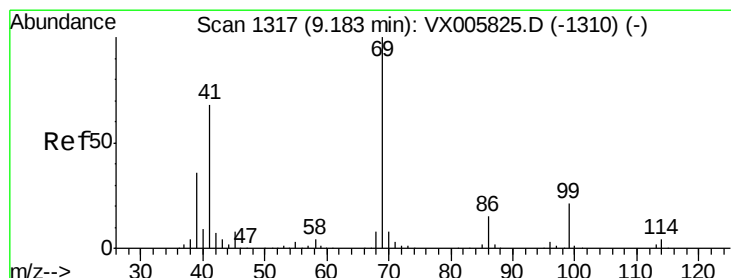
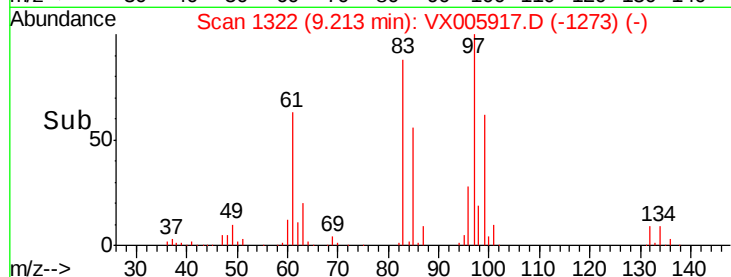
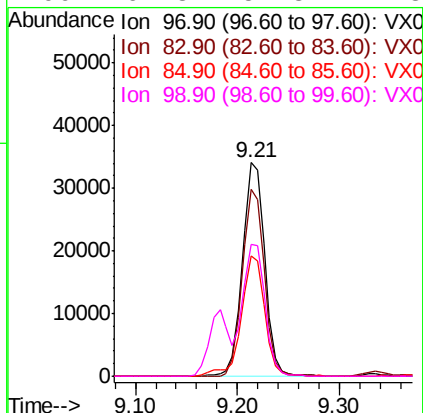
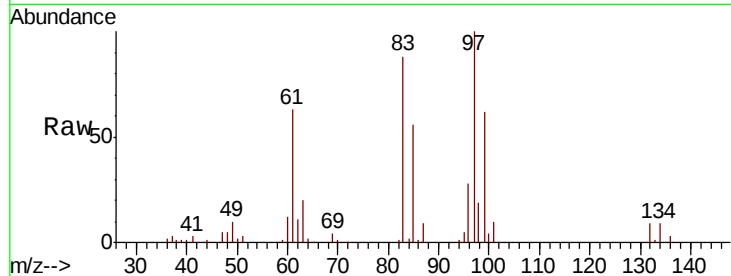
#55
 1,1,2-Trichloroethane
 Concen: 48.869 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.7	106.1
85	56.2	45.8	68.6
99	61.8	51.8	77.8

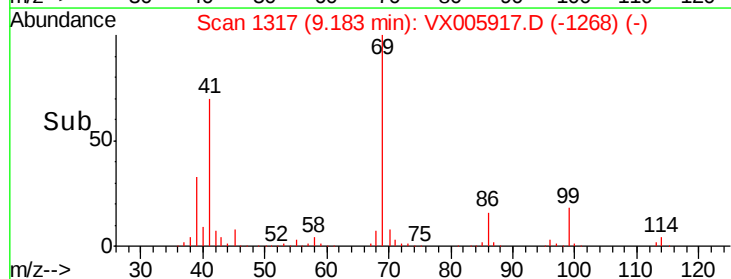
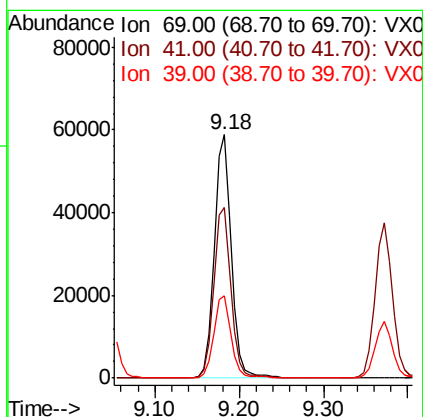
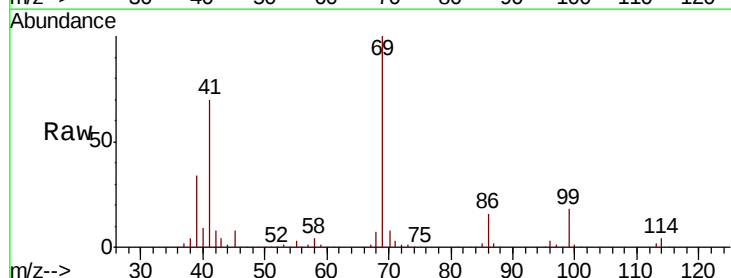
Manual Integrations
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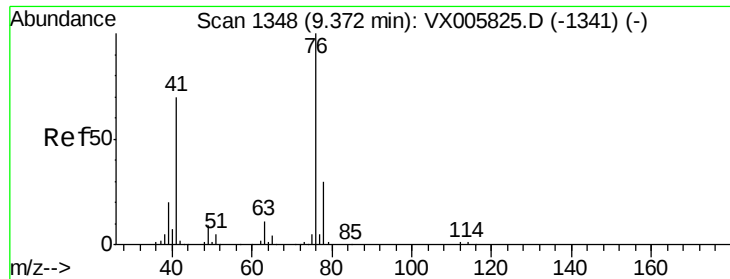
MMDadoda
 11/13/2018 12:19:22 PM



#56
 Ethyl methacrylate
 Concen: 52.276 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.5	57.0	85.6
39	34.1	28.3	42.5





#57

1,3-Dichloropropane

Concen: 49.421 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 87580

Ion Ratio Lower Upper

76 100

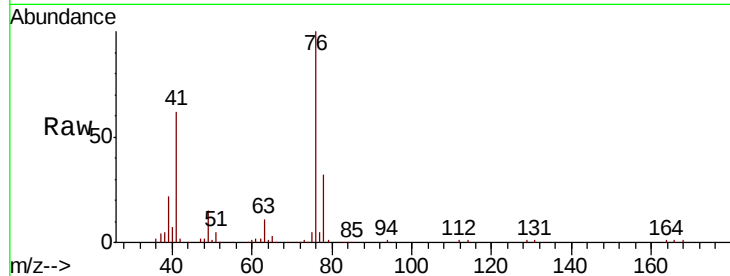
78 31.8 25.3 37.9

Manual Integrations

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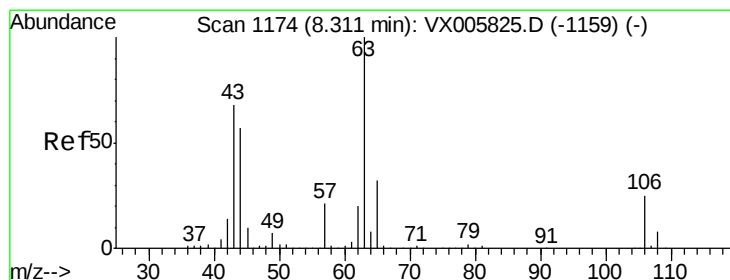
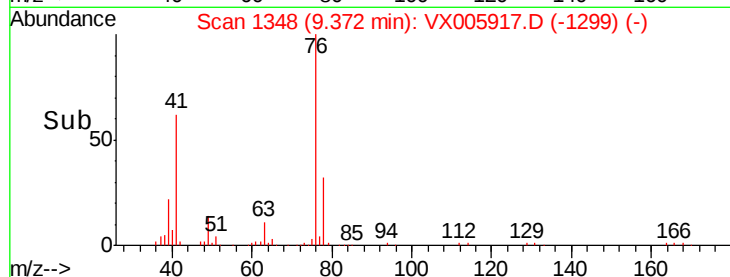
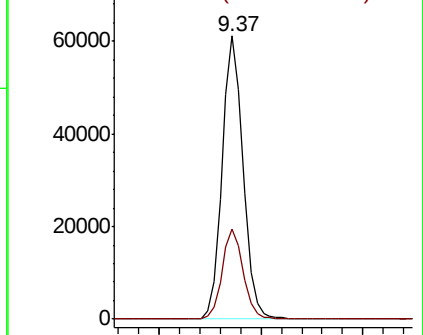
MMDadoda

11/13/2018 12:19:22 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 266.298 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005917.D

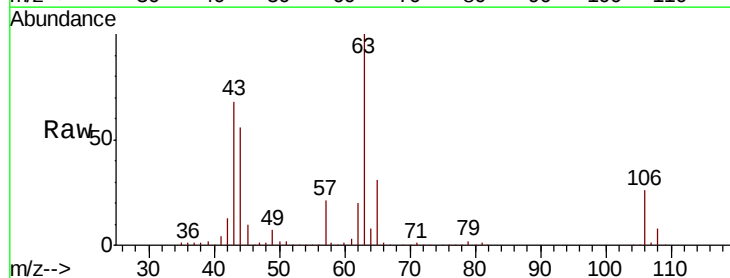
Acq: 12 Nov 2018 22:40

Tgt Ion: 63 Resp: 229434

Ion Ratio Lower Upper

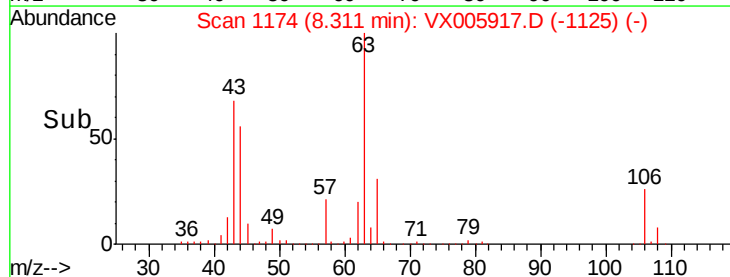
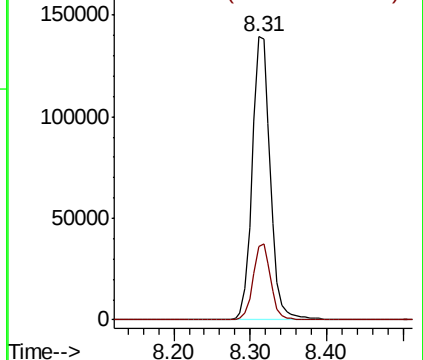
63 100

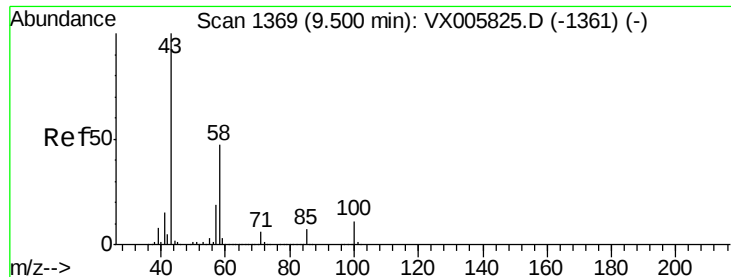
106 26.4 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





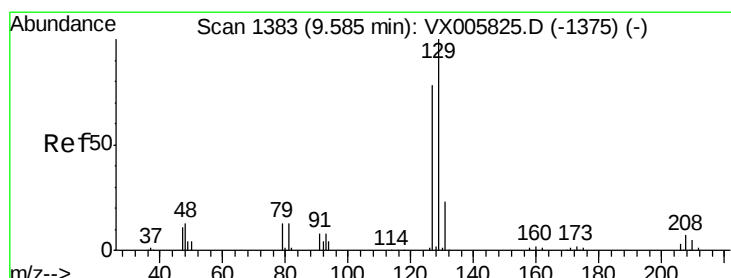
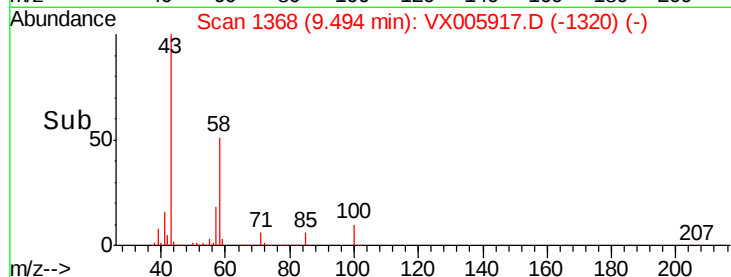
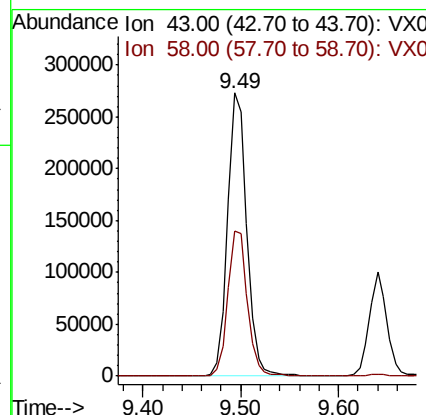
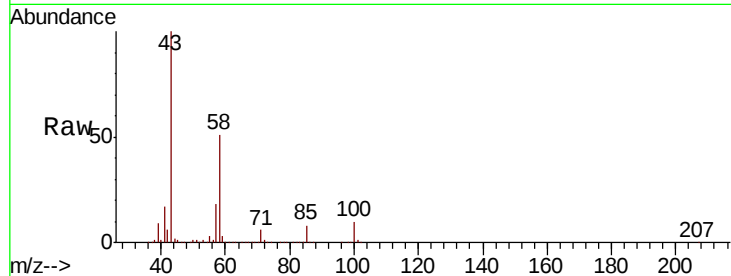
#59
2-Hexanone
Concen: 242.912 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	373421
Ion Ratio	100	Lower	Upper
43	100		
58	52.2	25.9	77.8

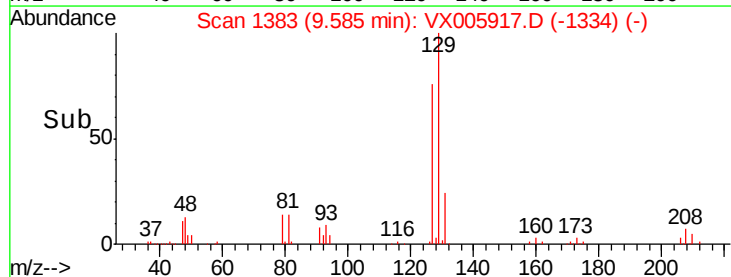
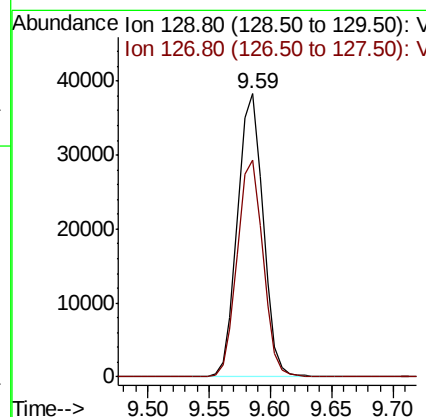
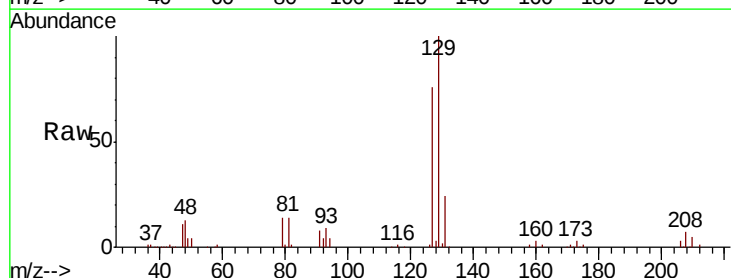
Manual Integrations
APPROVED

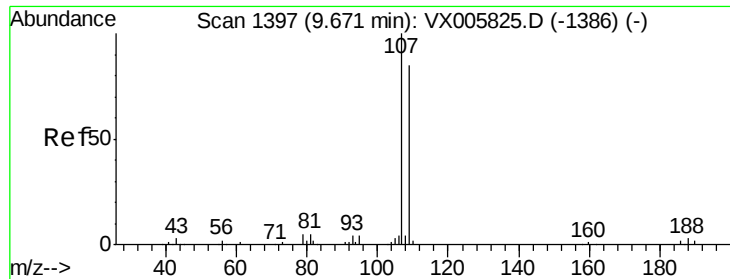
MMDadoda
11/13/2018 12:19:22 PM



#60
Dibromochloromethane
Concen: 48.584 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	129	Resp	55369
Ion Ratio	100	Lower	Upper
129	100		
127	76.9	38.9	116.7





#61

1,2-Dibromoethane

Concen: 46.027 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 53670

Ion Ratio Lower Upper

107 100

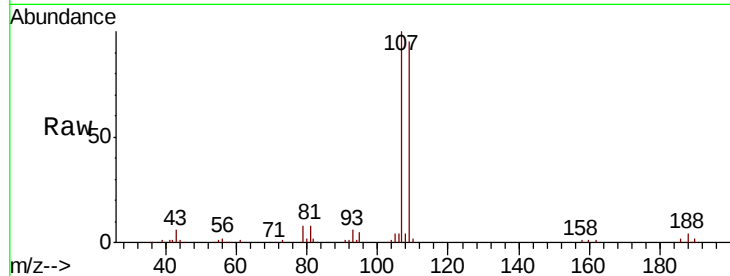
109 95.9 75.7 113.5

Manual Integrations

APPROVED

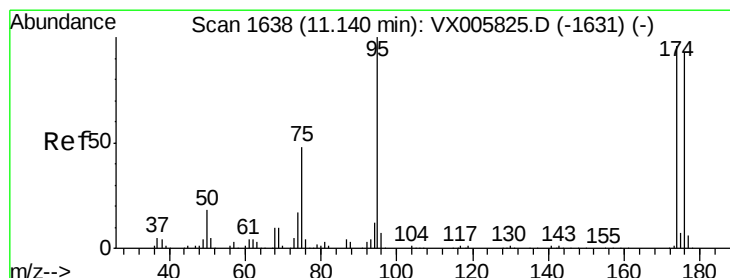
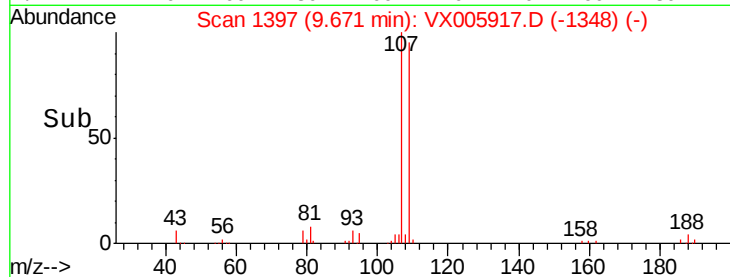
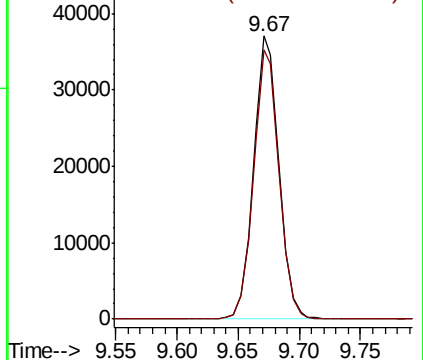
MMDadoda

11/13/2018 12:19:22 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.410 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

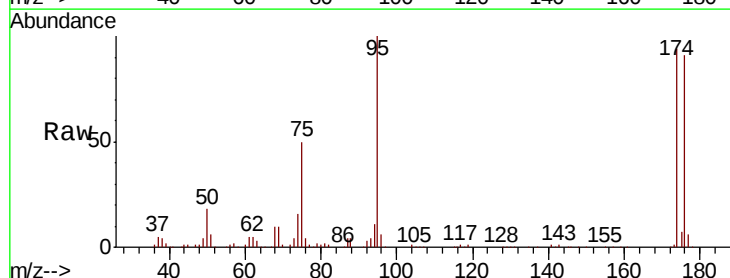
Tgt Ion: 95 Resp: 67862

Ion Ratio Lower Upper

95 100

174 90.9 0.0 184.4

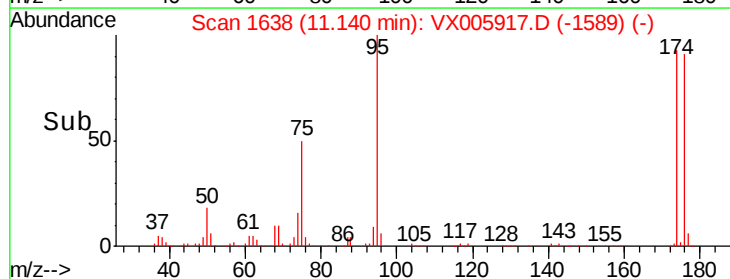
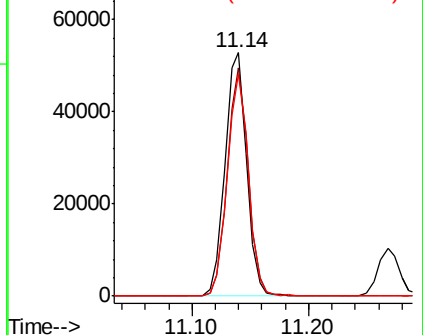
176 89.8 0.0 177.4

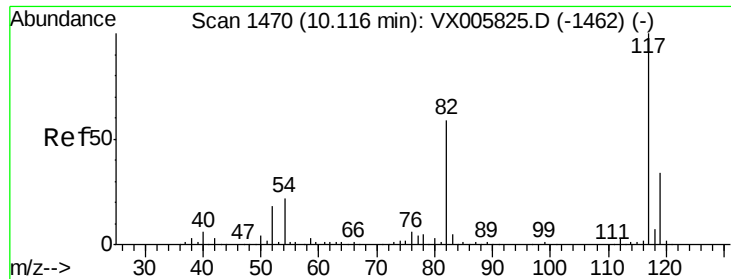


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





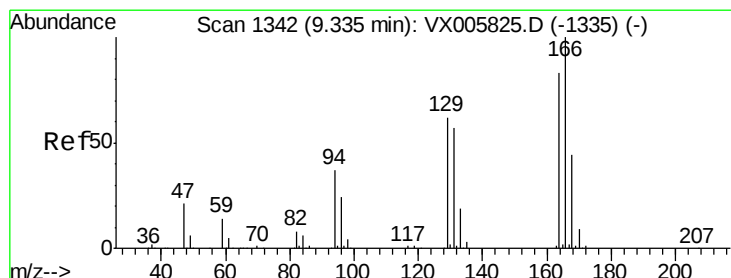
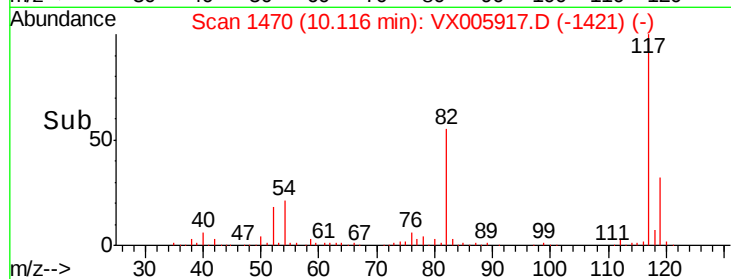
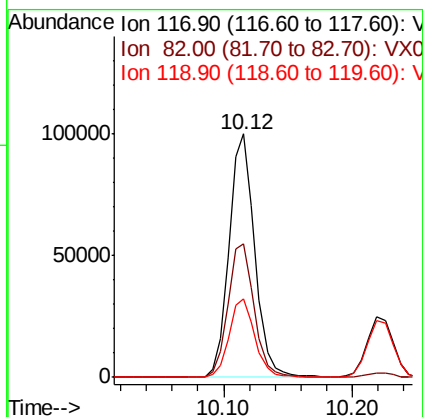
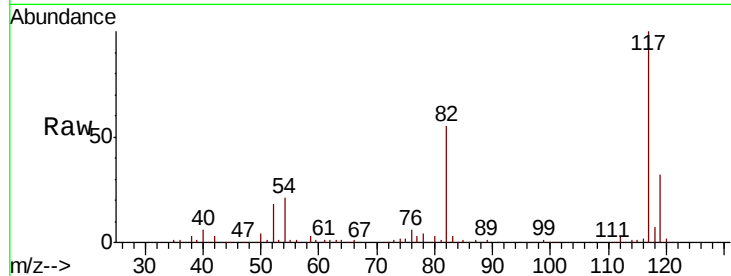
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.1	66.1
119	32.2	26.2	39.2

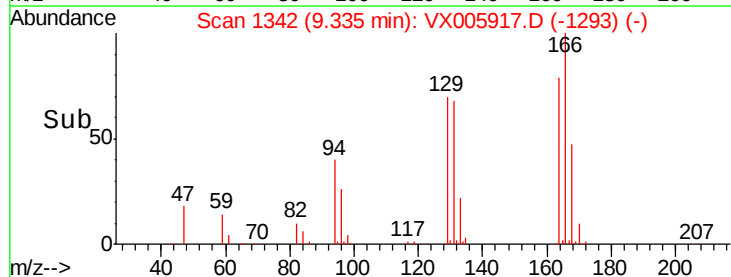
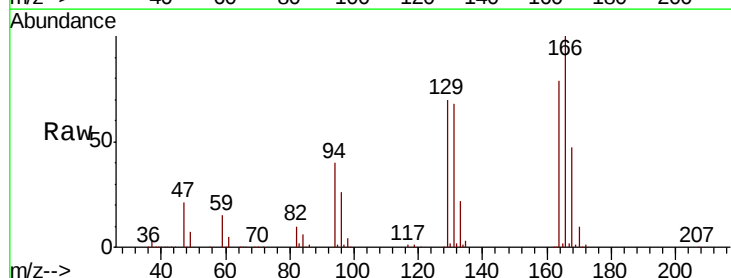
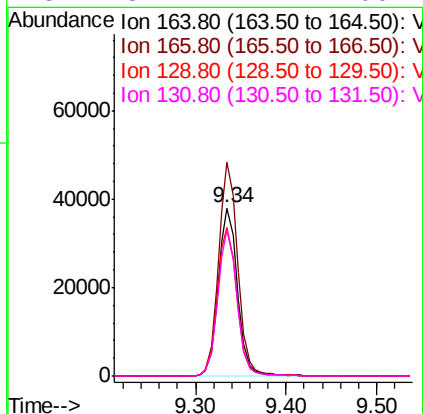
Manual Integrations
APPROVED

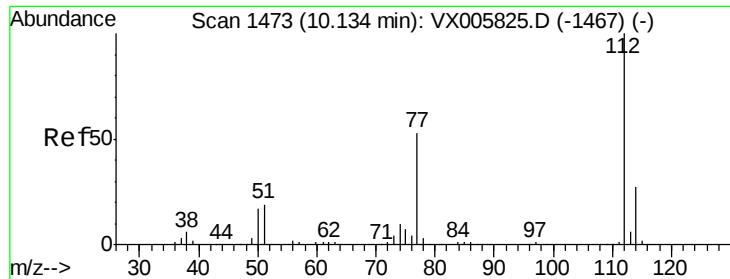
MMDadoda
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#64
Tetrachloroethene
Concen: 47.251 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.9	152.9
129	88.8	72.6	109.0
131	87.1	71.1	106.7





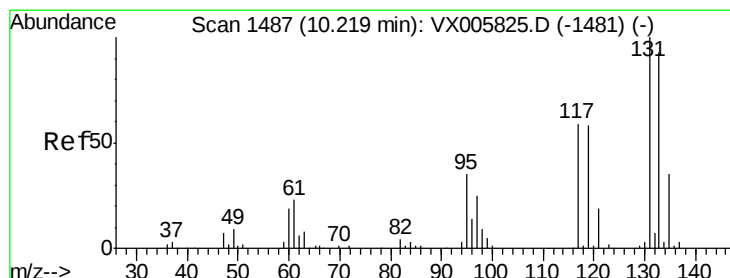
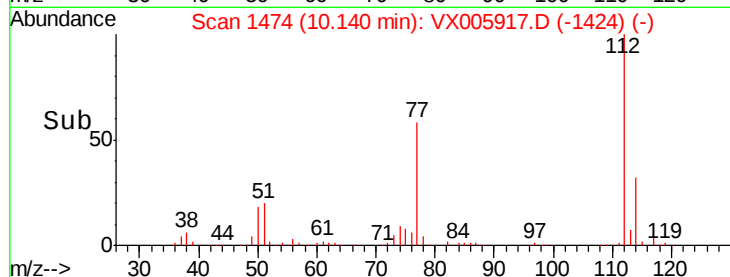
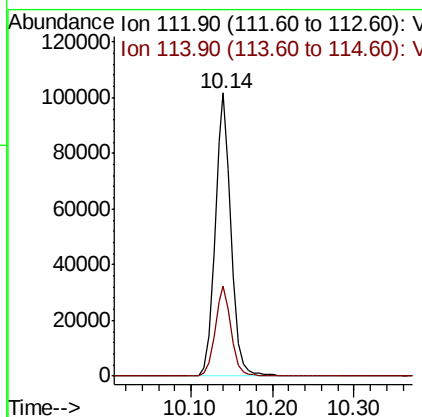
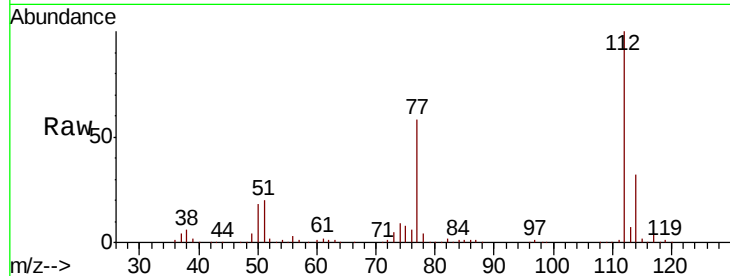
#65
Chlorobenzene
Concen: 49.770 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 139503
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

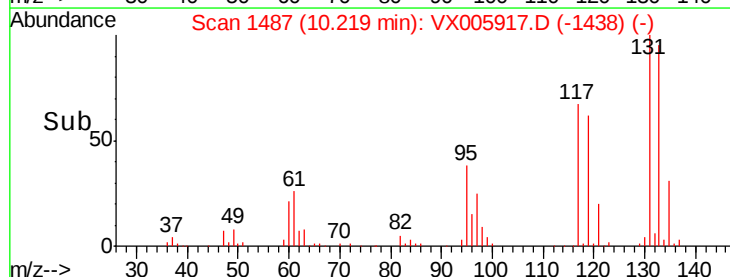
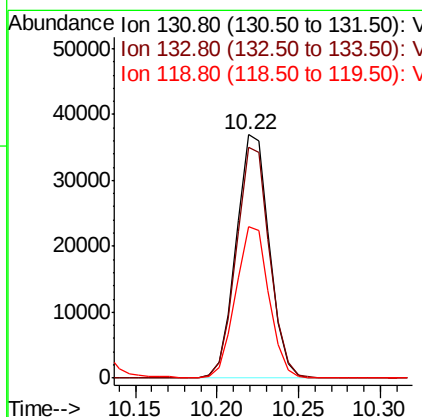
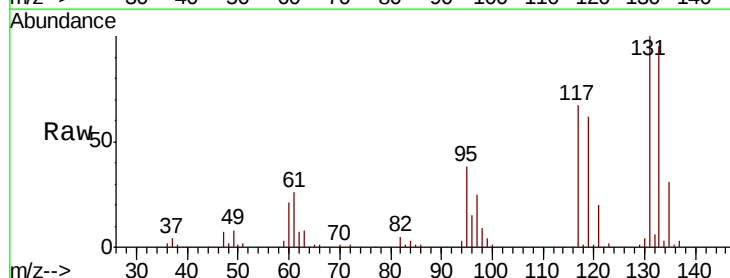
Manual Integrations
APPROVED

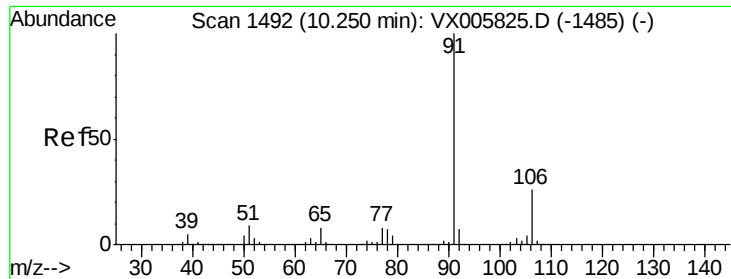
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.563 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion:131 Resp: 52195
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 62.7 31.8 95.3





#67

Ethyl Benzene

Concen: 53.900 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 242260

Ion Ratio Lower Upper

91 100

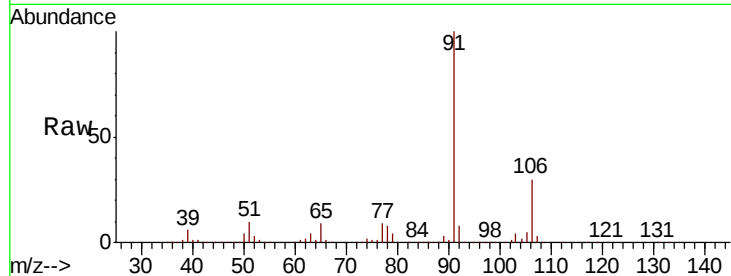
106 30.4 24.4 36.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX005825.D (-1485) (-)

300000

200000

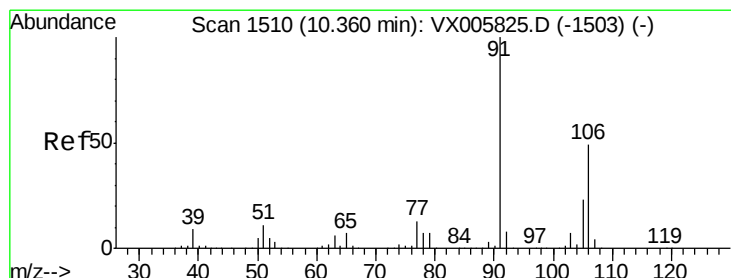
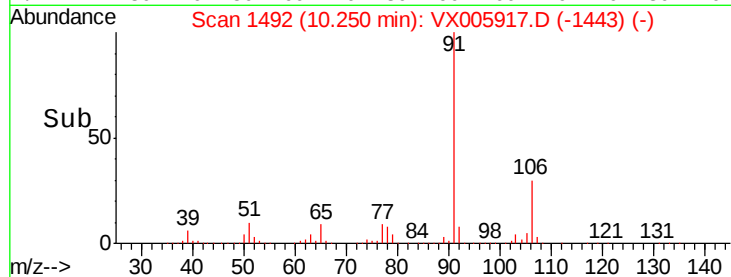
100000

0

10.25

10.30

Time-->



#68

m/p-Xylenes

Concen: 108.248 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005917.D

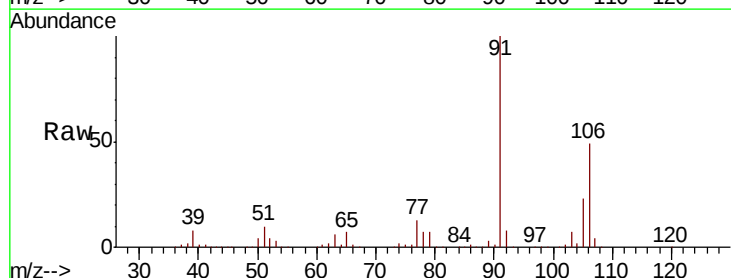
Acq: 12 Nov 2018 22:40

Tgt Ion: 106 Resp: 185581

Ion Ratio Lower Upper

106 100

91 206.4 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005825.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX005825.D (-1503) (-)

300000

200000

100000

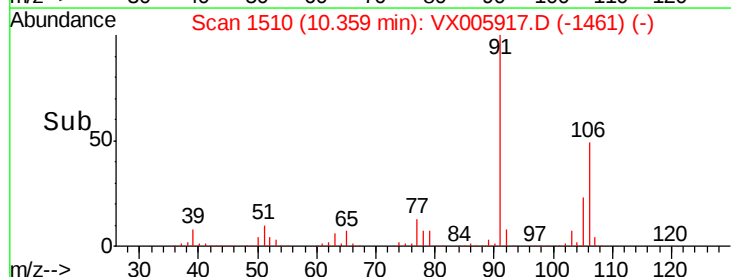
0

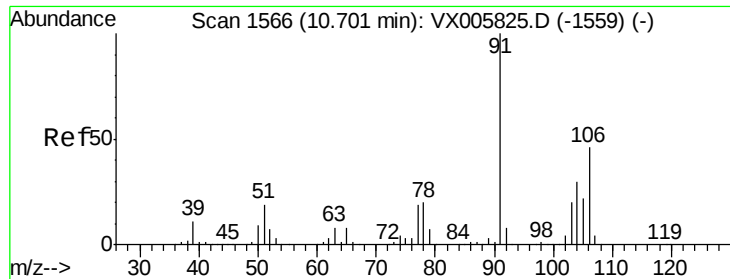
10.36

10.40

10.50

Time-->





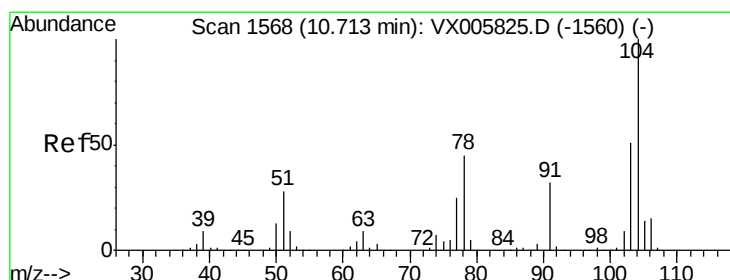
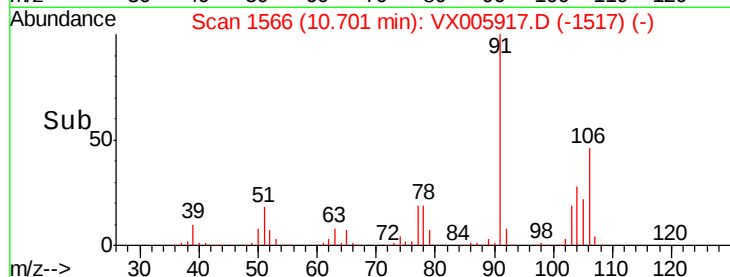
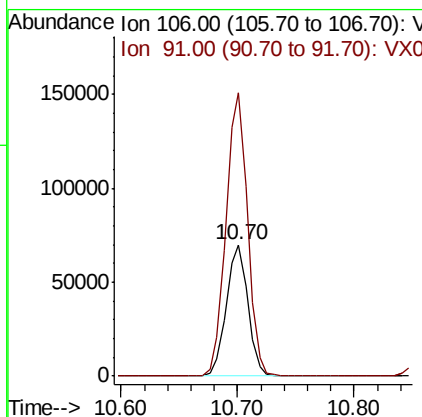
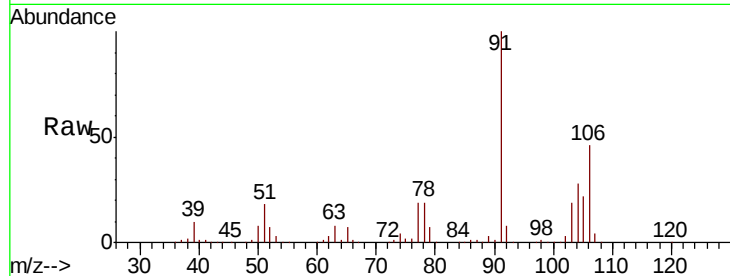
#69
o-Xylene
Concen: 58.211 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 89488
Ion Ratio Lower Upper
106 100
91 216.9 108.5 325.5

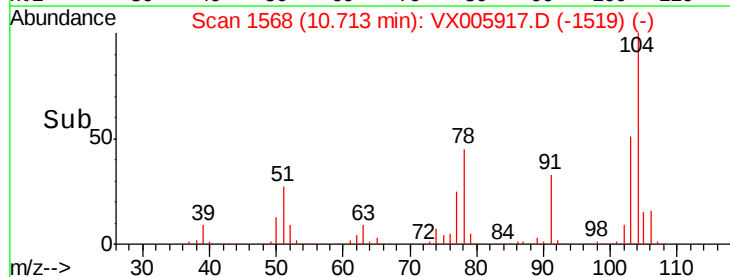
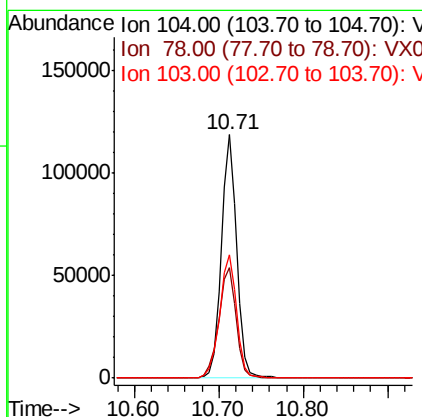
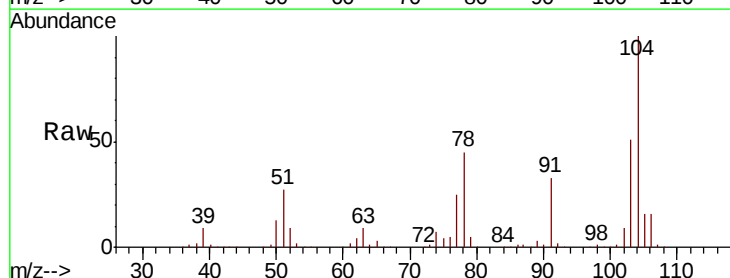
Manual Integrations
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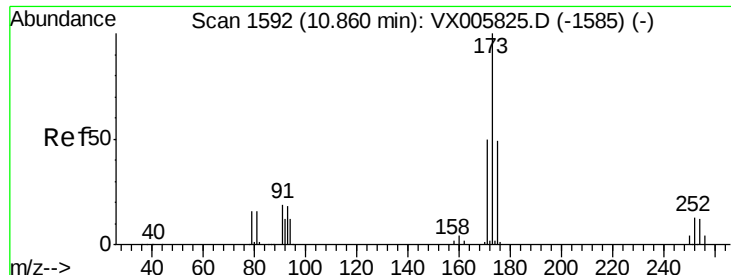
MMDadoda
11/13/2018 12:19:22 PM



#70
Styrene
Concen: 59.114 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion:104 Resp: 149912
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.4
103 56.1 44.9 67.3





#71

Bromoform

Concen: 56.948 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 46520

Ion Ratio Lower Upper

173 100

175 48.4 24.8 74.3

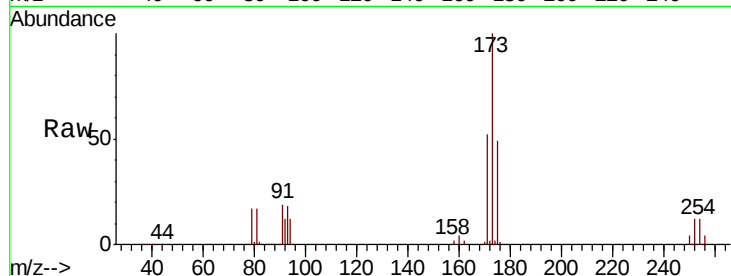
254 0.2 0.2 0.2#

Manual Integrations

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MMDadoda

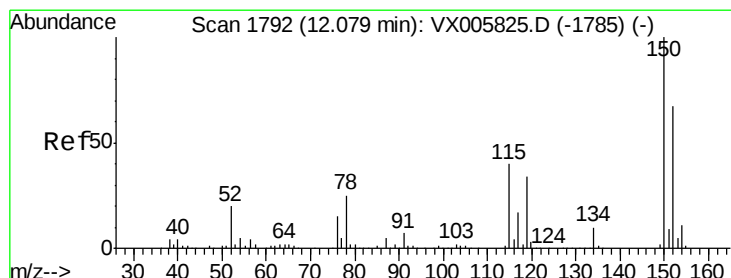
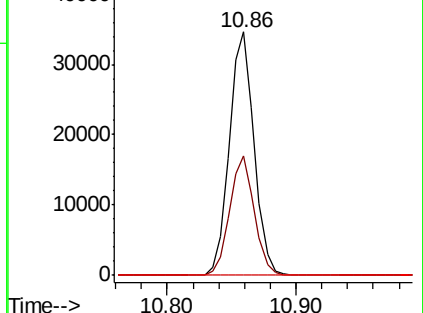
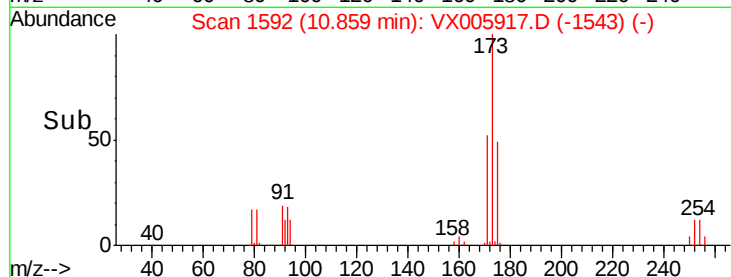
11/13/2018 12:19:22 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

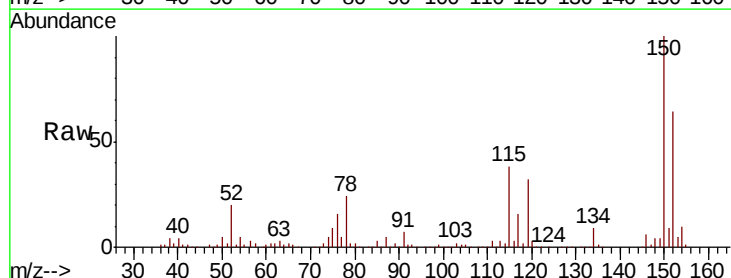
Tgt Ion:152 Resp: 78956

Ion Ratio Lower Upper

152 100

115 78.1 39.4 118.1

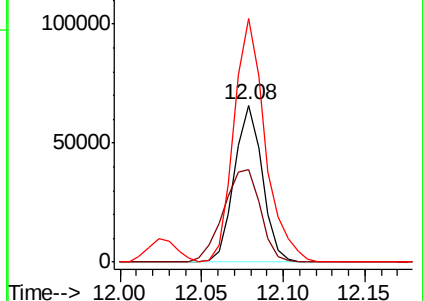
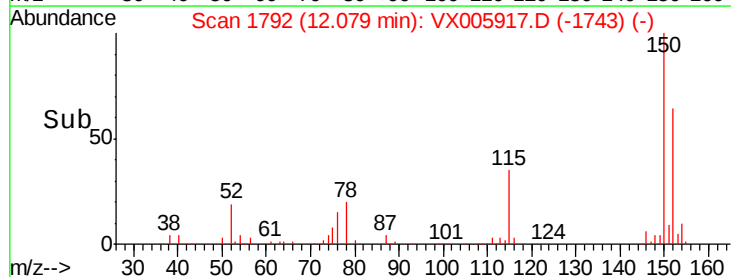
150 172.9 0.0 346.4

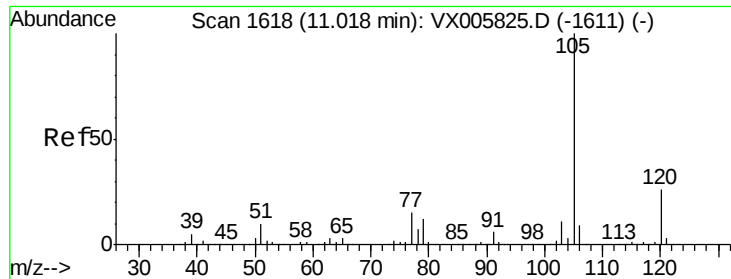


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





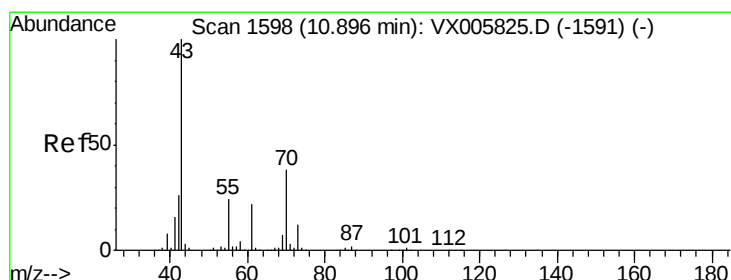
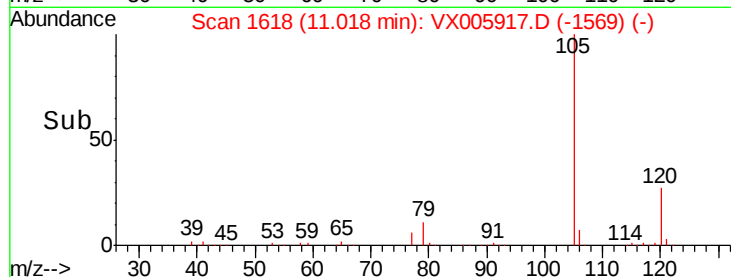
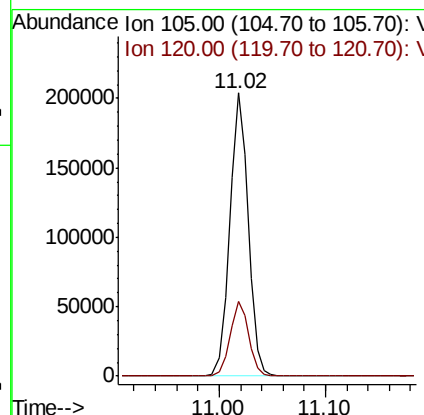
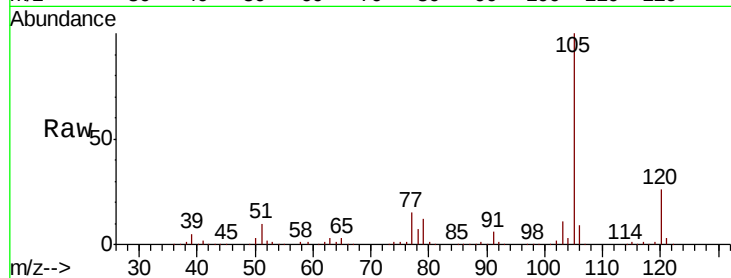
#73
Isopropylbenzene
Concen: 54.047 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.3

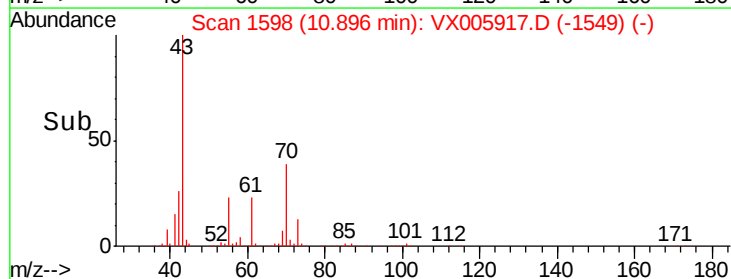
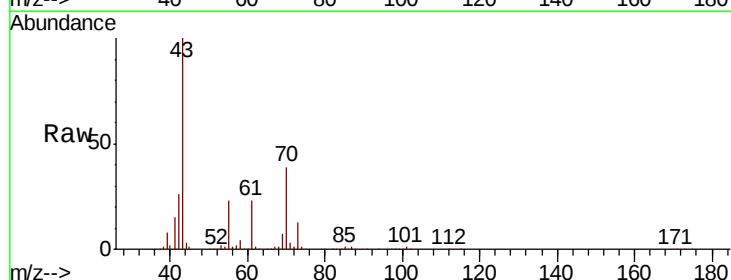
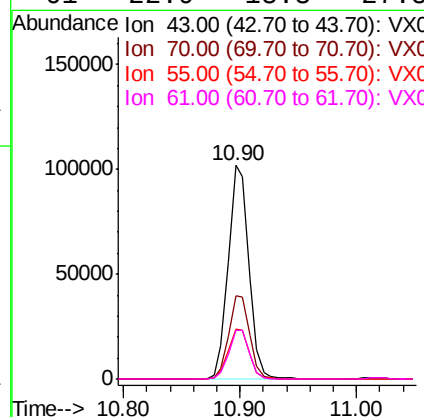
Manual Integrations
APPROVED

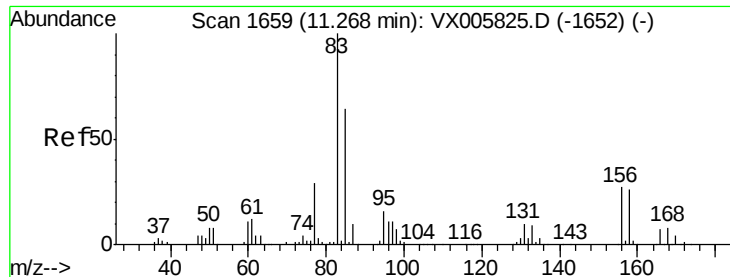
MMDadoda
11/13/2018 12:19:22 PM



#74
N-ethyl acetate
Concen: 48.733 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.4	31.6	47.4
55	23.9	19.7	29.5
61	22.9	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.096 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

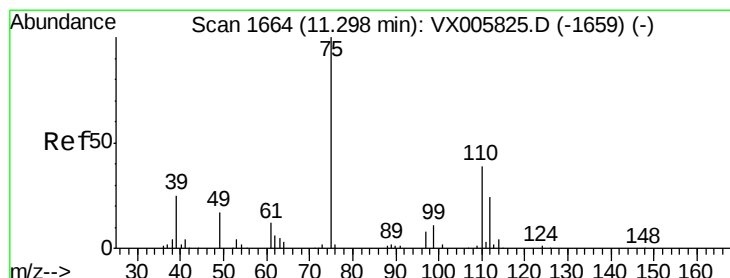
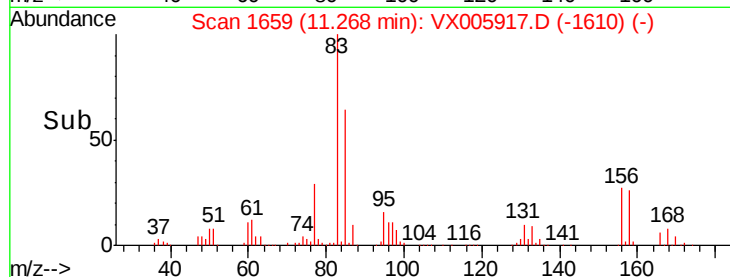
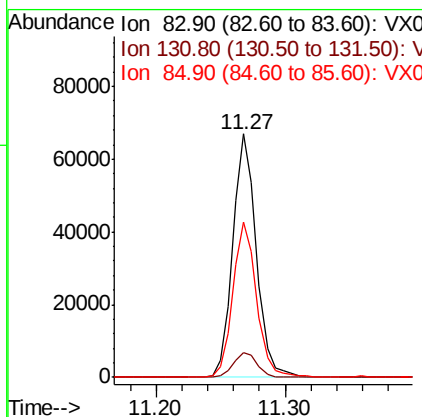
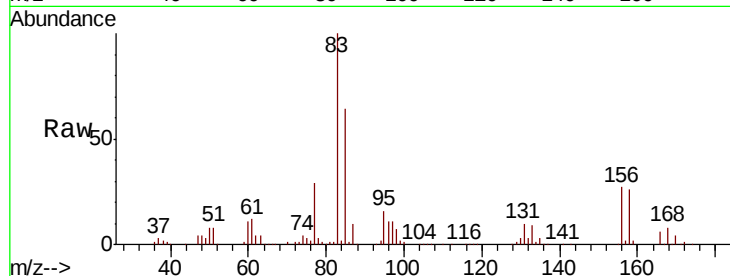
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	85633
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	15.9
85	64.2	32.0	96.2

Manual Integrations
APPROVED

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11/13/2018 12:19:22 PM



#76

1,2,3-Trichloropropane

Concen: 50.552 ug/l m

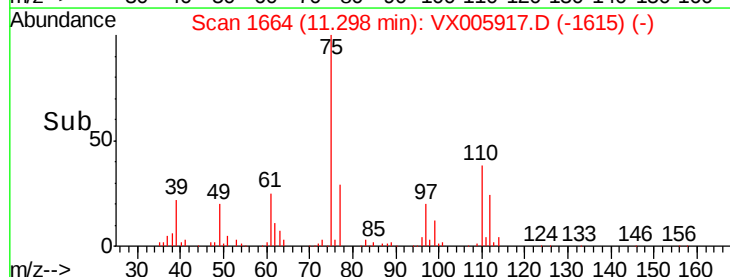
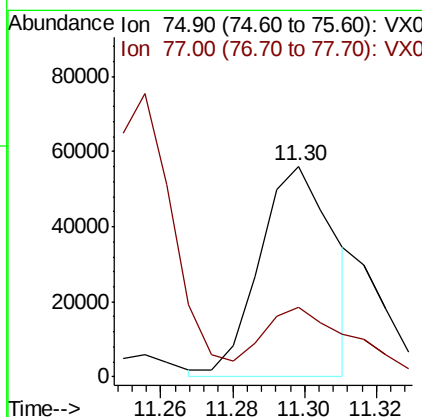
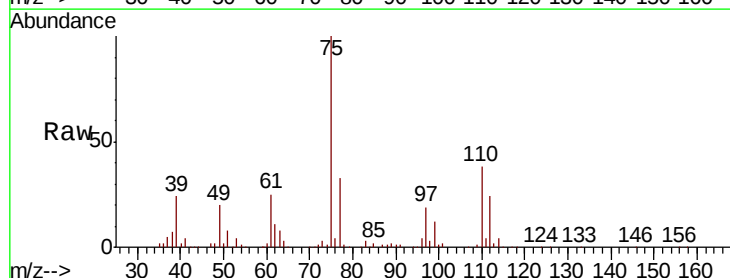
RT: 11.30 min Scan# 1664

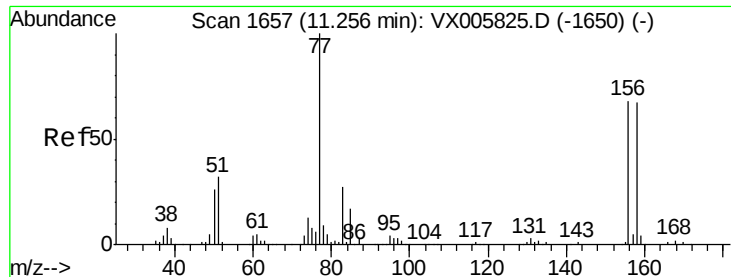
Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Tgt Ion:	75	Resp:	81274
Ion Ratio	Lower	Upper	
75	100		
77	40.1	20.5	61.6





#77

Bromobenzene

Concen: 50.559 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 65067

Ion Ratio Lower Upper

156 100

77 150.0 74.8 224.4

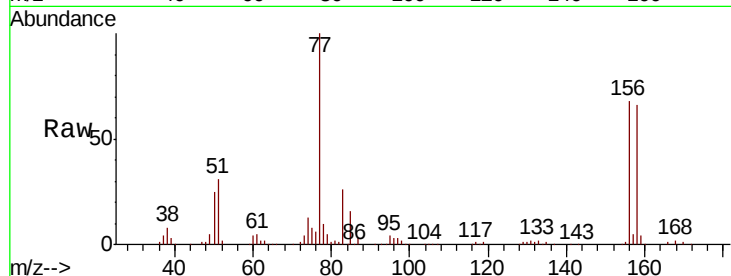
158 97.4 49.1 147.3

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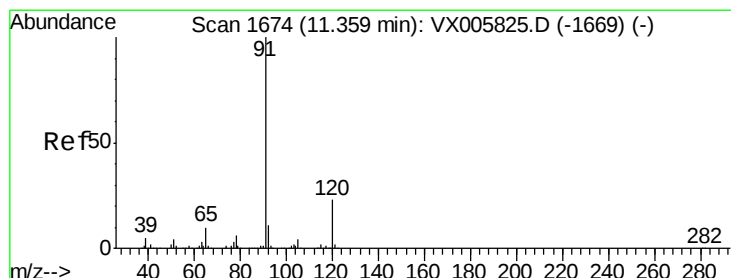
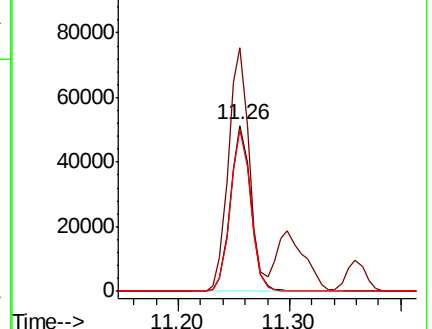
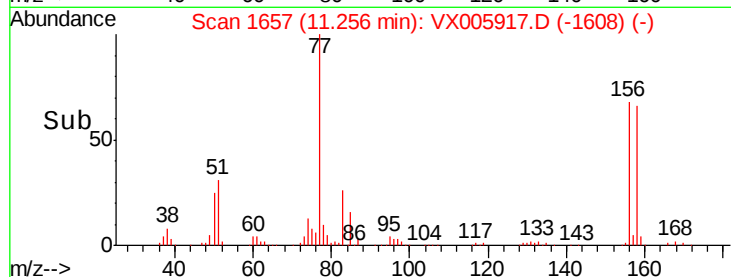
11/13/2018 12:19:22 PM



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: 53.053 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005917.D

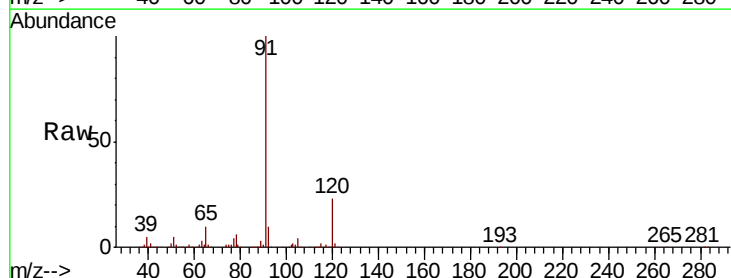
Acq: 12 Nov 2018 22:40

Tgt Ion: 91 Resp: 285483

Ion Ratio Lower Upper

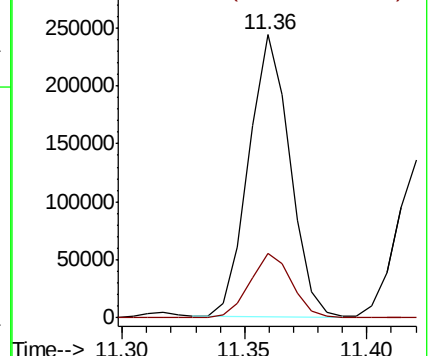
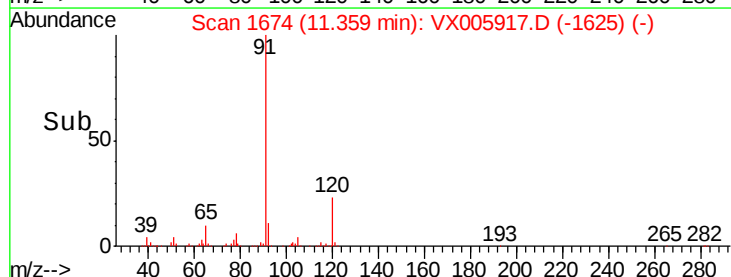
91 100

120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.756 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 168338

Ion Ratio Lower Upper

91 100

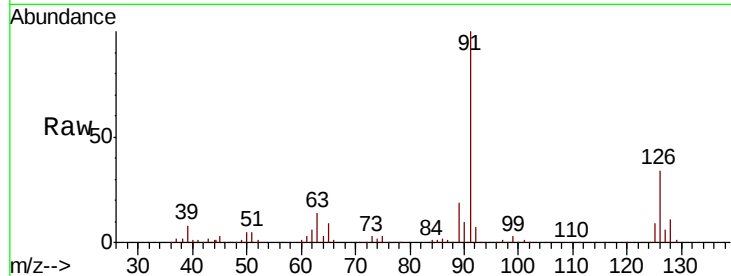
126 34.9 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX005825.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005825.D (-1679) (-)

250000

200000

150000

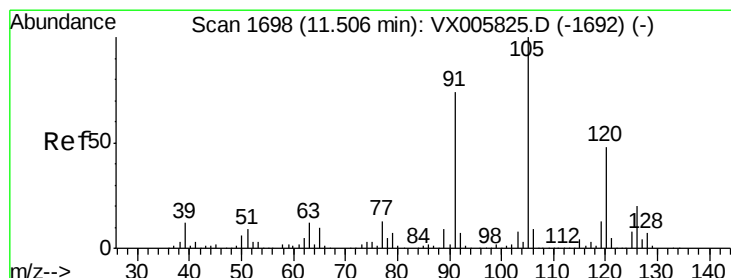
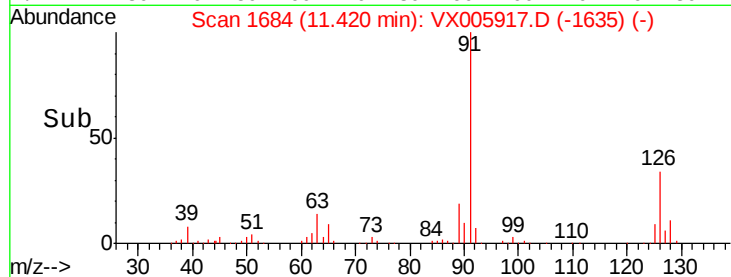
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.275 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005917.D

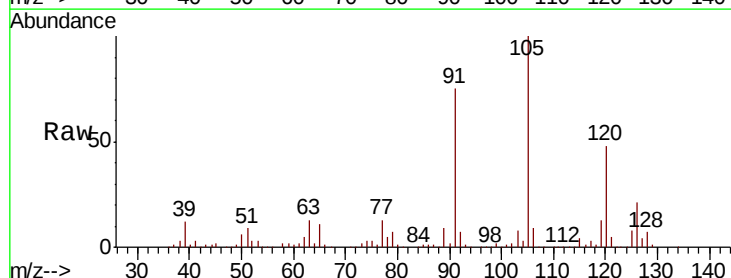
Acq: 12 Nov 2018 22:40

Tgt Ion: 105 Resp: 210591

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005825.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005825.D (-1692) (-)

200000

150000

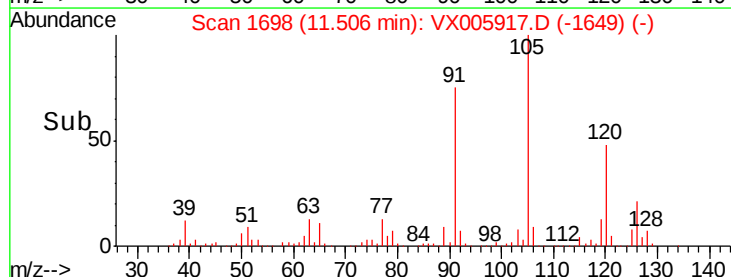
100000

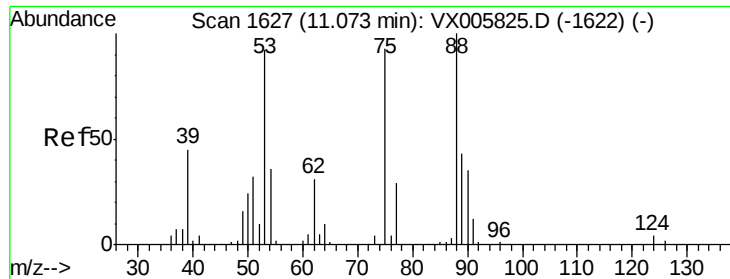
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.673 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

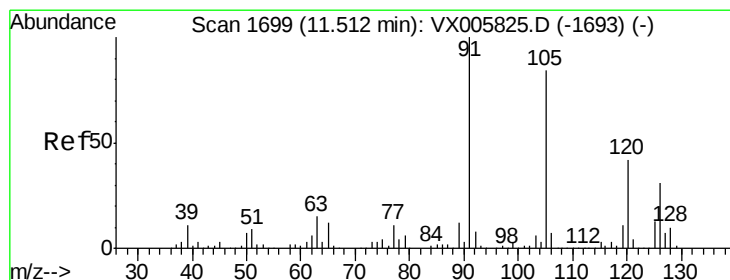
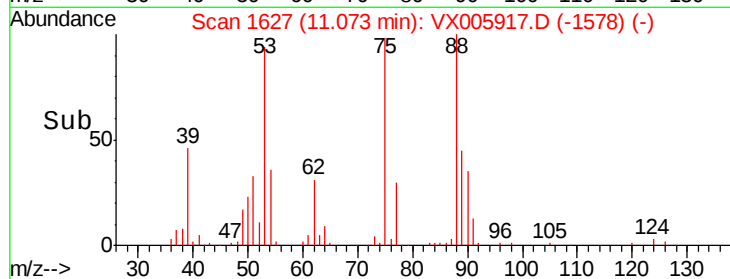
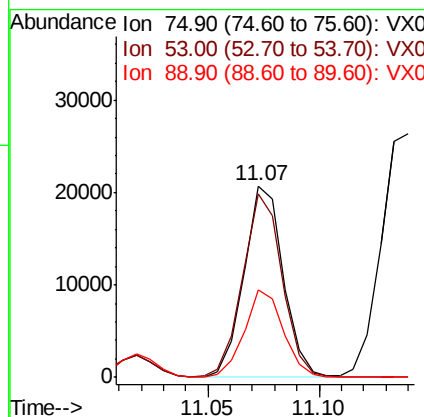
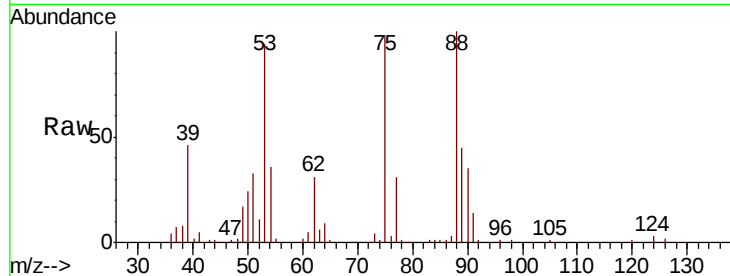
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	25561
Ion Ratio	Lower	Upper	
75	100		
53	96.2	80.2	120.2
89	45.2	39.8	59.8

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#82

4-Chlorotoluene

Concen: 51.963 ug/l

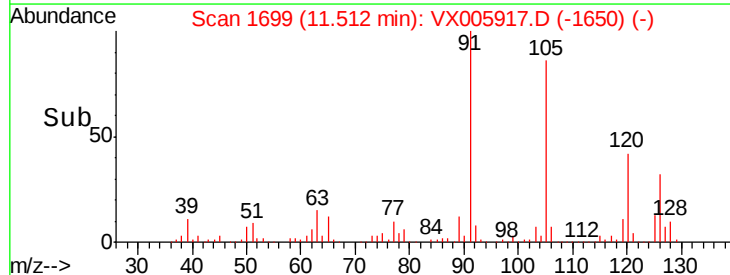
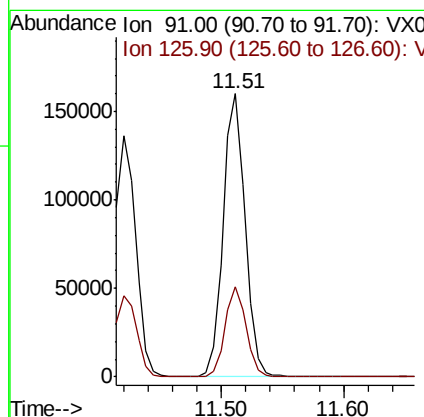
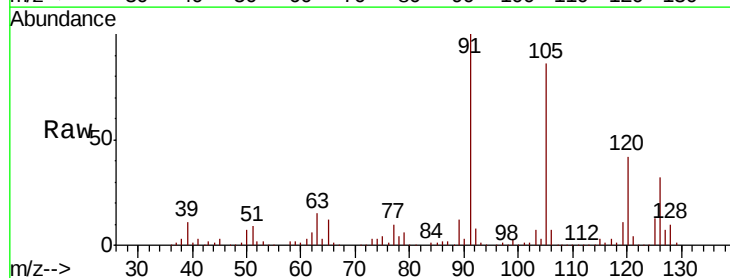
RT: 11.51 min Scan# 1699

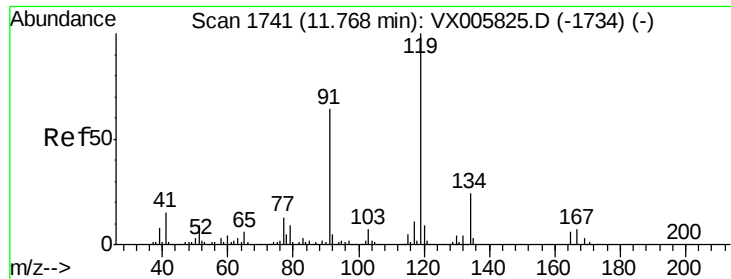
Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Tgt Ion:	91	Resp:	199186
Ion Ratio	Lower	Upper	
91	100		
126	30.6	15.2	45.6





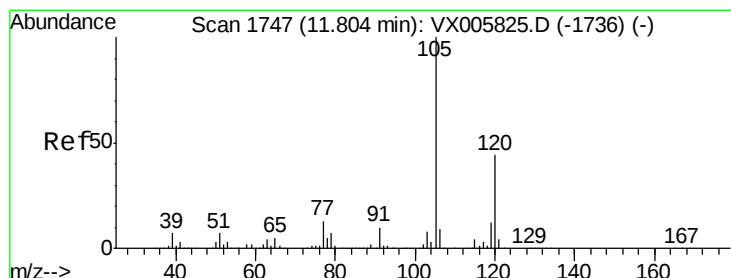
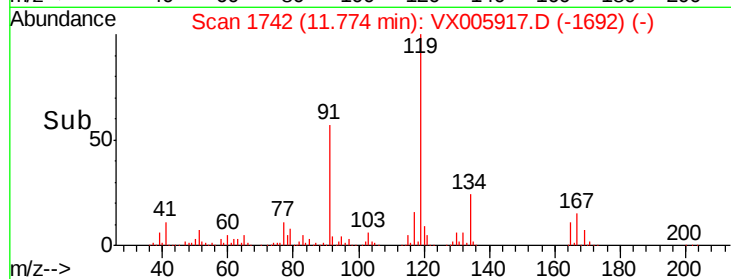
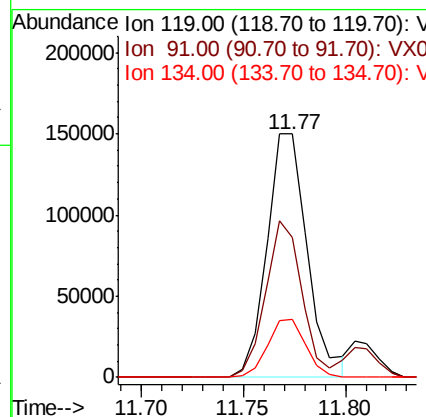
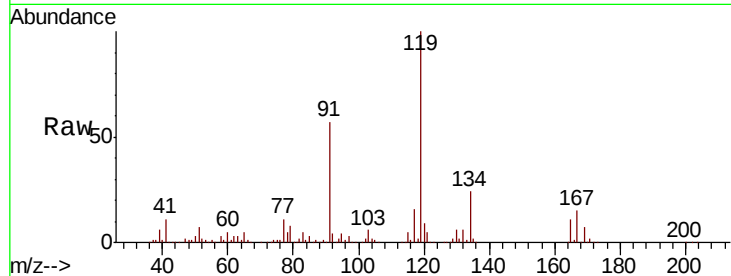
#83
tert-Butylbenzene
Concen: 52.730 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	206984		
91	57.9		28.5	85.5
134	22.5		11.3	33.8

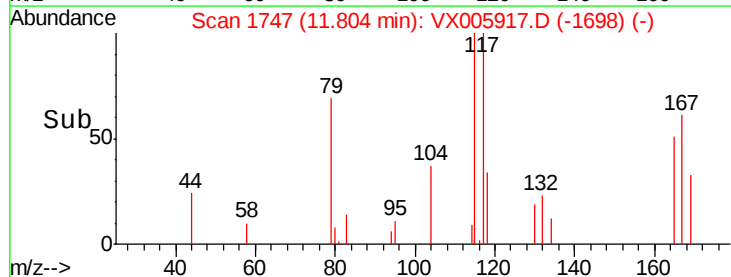
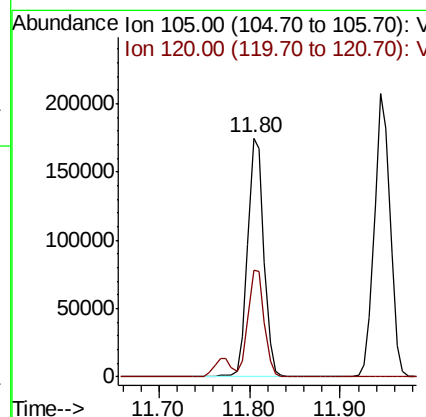
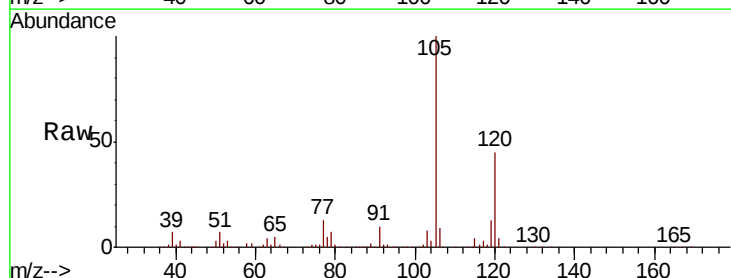
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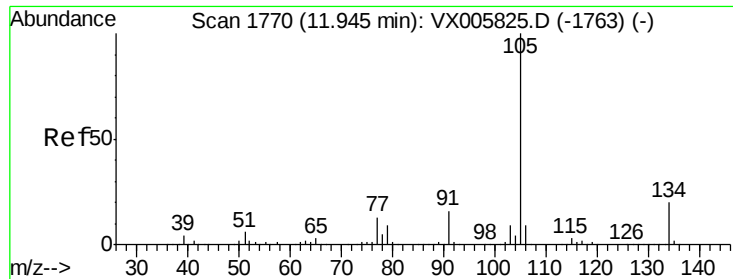
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#84
1,2,4-Trimethylbenzene
Concen: 50.576 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	216563		
120	44.4		22.4	67.0





#85

sec-Butylbenzene

Concen: 52.348 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 251280

Ion Ratio Lower Upper

105 100

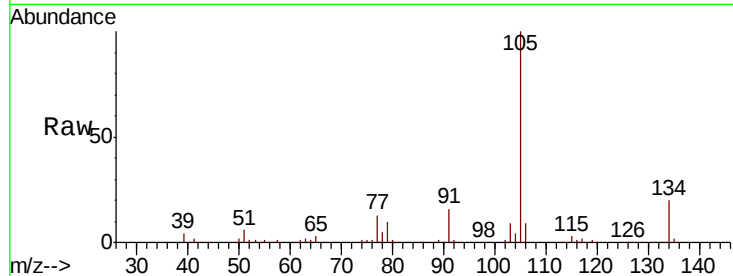
134 20.3 10.2 30.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

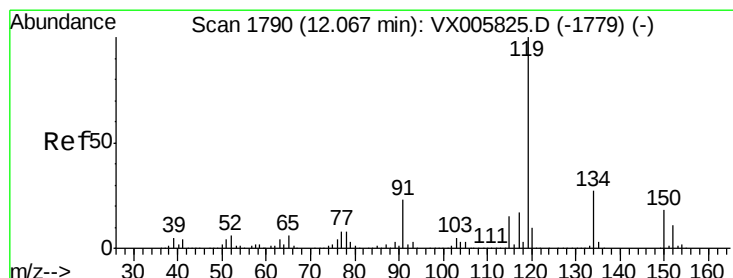
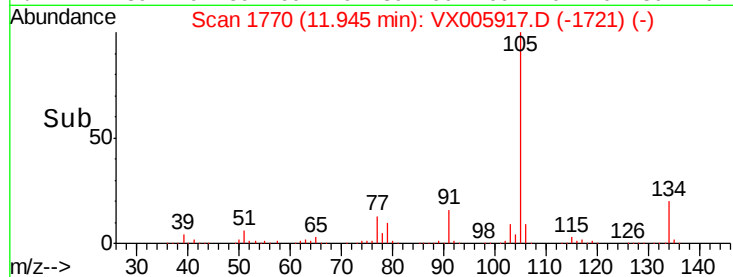
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.091 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

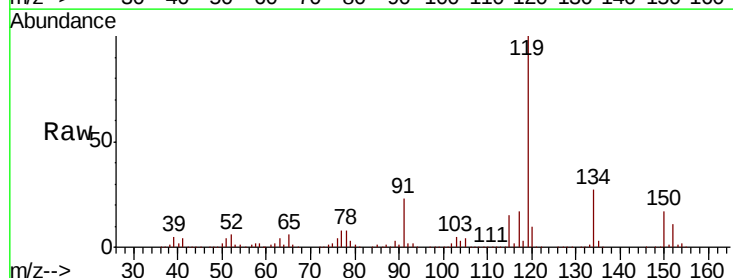
Tgt Ion:119 Resp: 225738

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

250000

200000

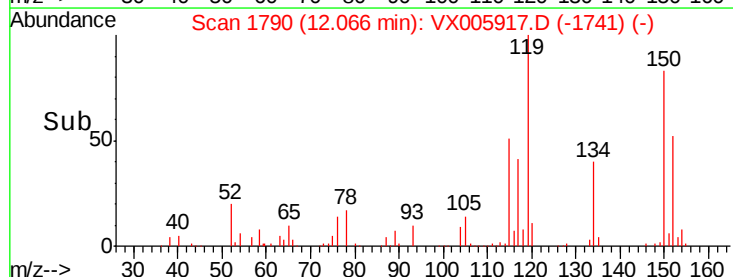
150000

100000

50000

0

Time-->





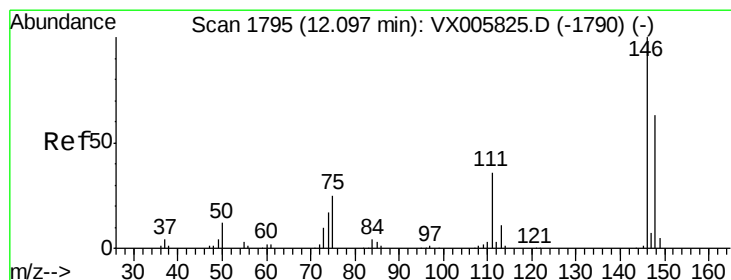
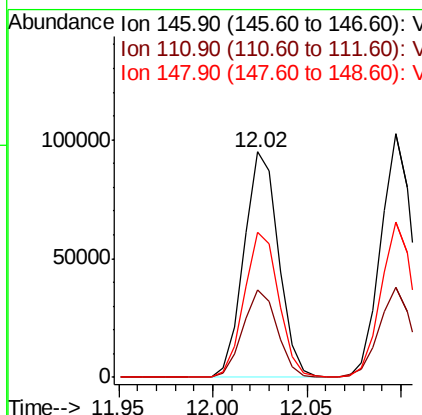
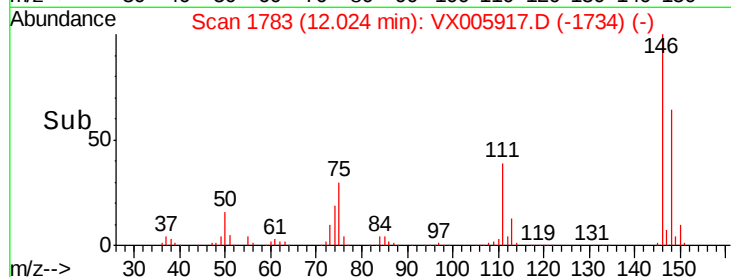
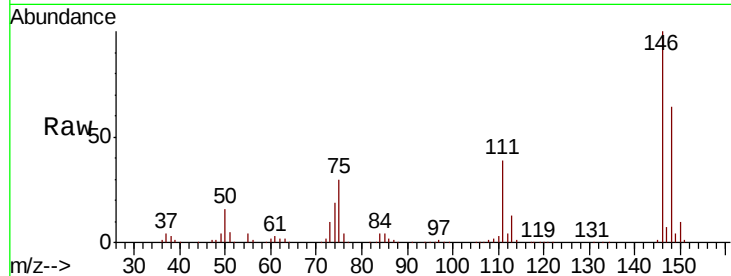
#87
 1,3-Dichlorobenzene
 Concen: 48.925 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.3	31.9	95.9

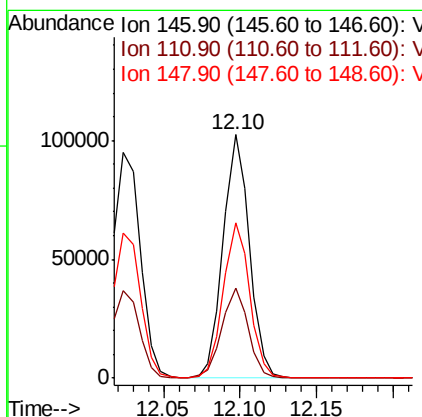
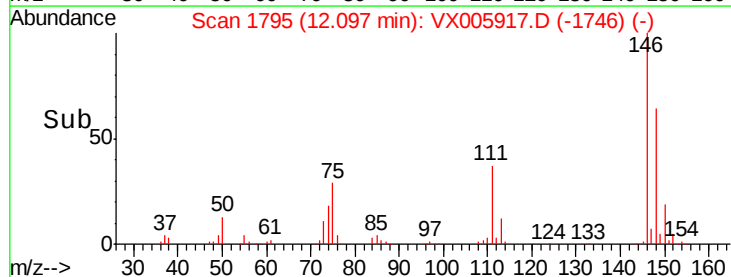
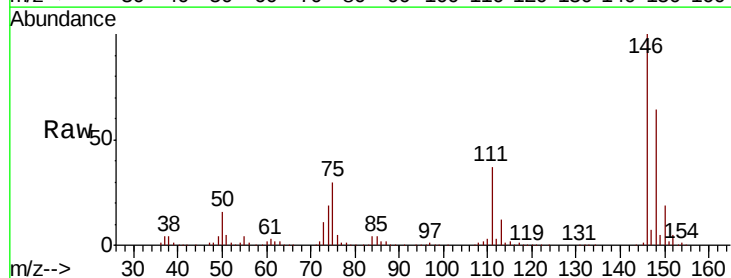
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#88
 1,4-Dichlorobenzene
 Concen: 48.405 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.1	32.1	96.3





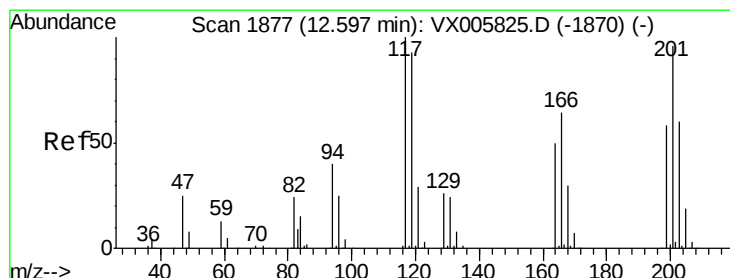
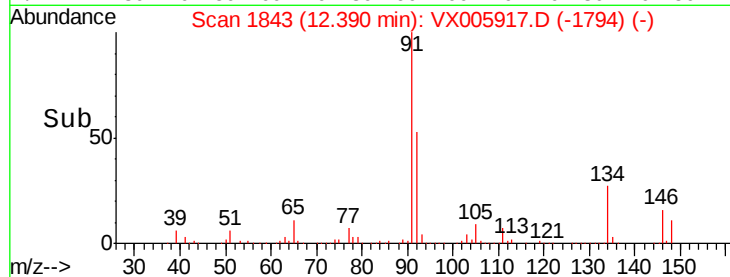
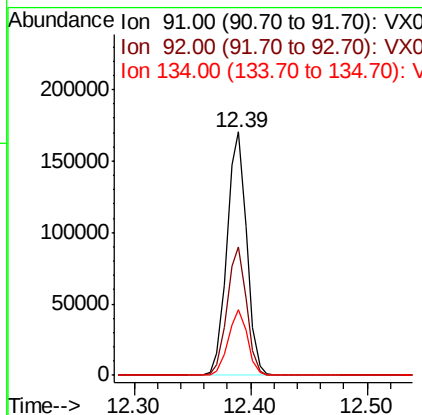
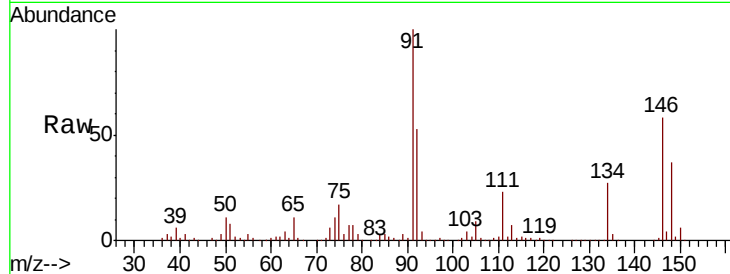
#89
n-Butylbenzene
Concen: 50.541 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.2
134	26.3	13.1	39.3

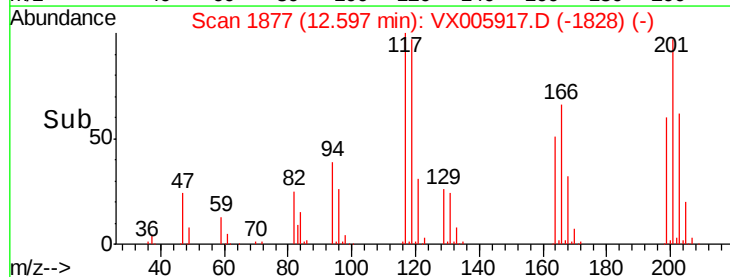
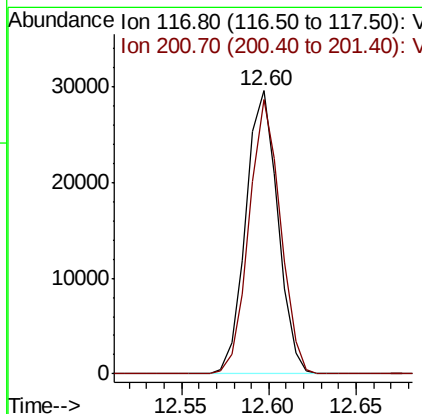
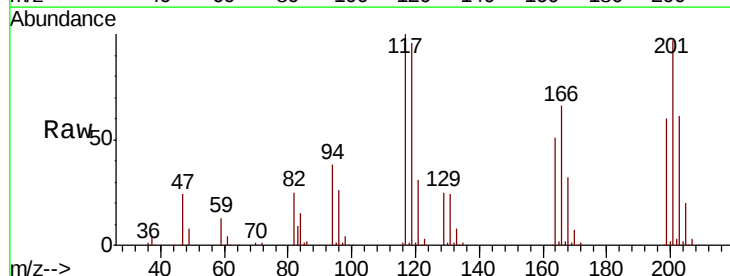
Manual Integrations
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#90
Hexachloroethane
Concen: 52.981 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.0	47.9	143.6





#91

1,2-Dichlorobenzene

Concen: 49.804 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Instrument :

MSVOA_X

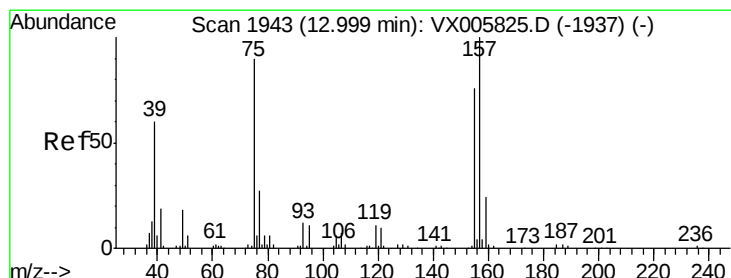
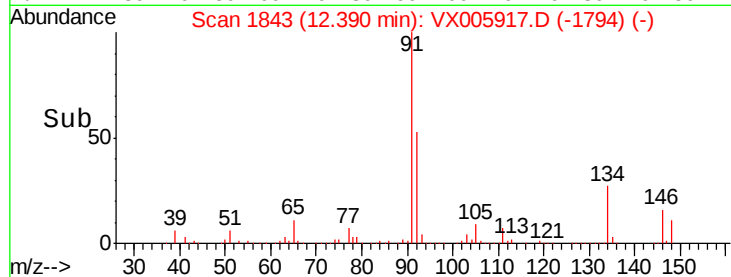
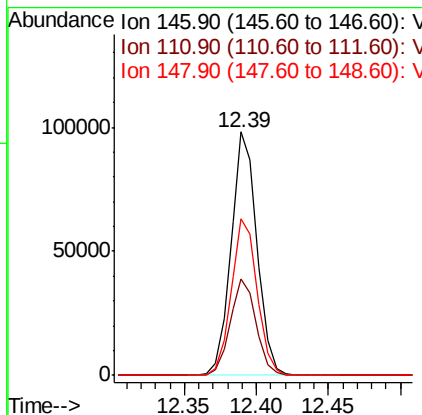
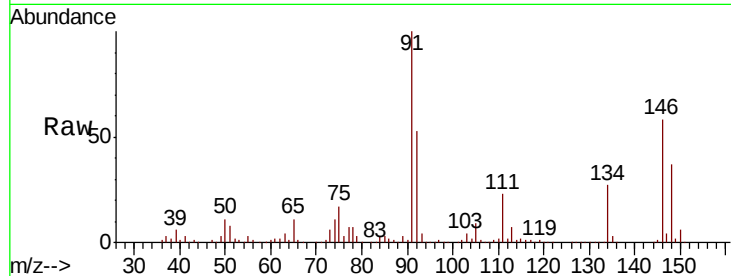
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	123227
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.0	59.9
148	64.5	32.2	96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 51.516 ug/l

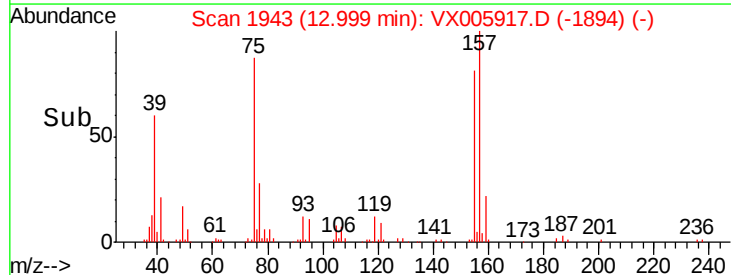
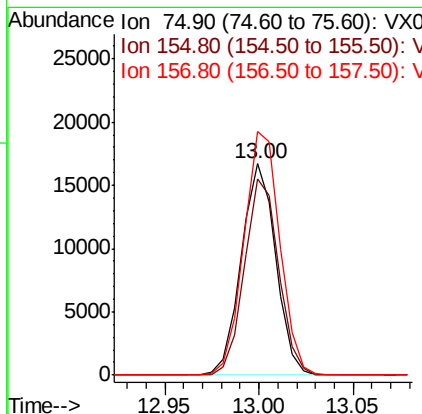
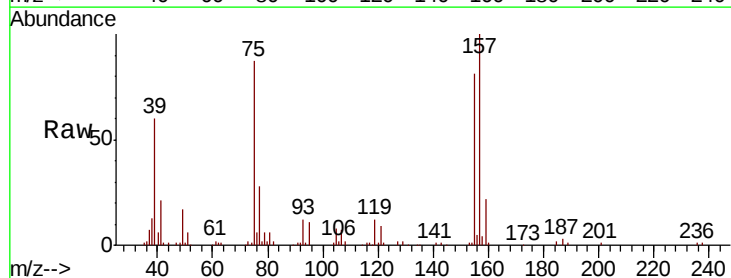
RT: 13.00 min Scan# 1943

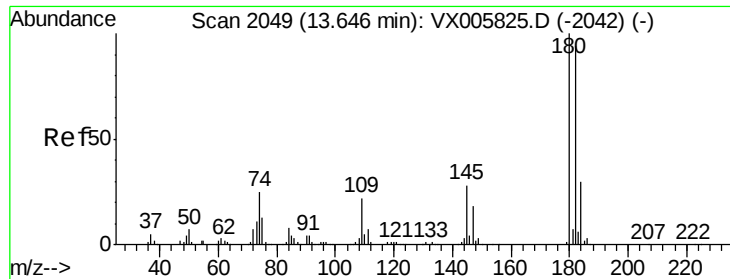
Delta R.T. -0.00 min

Lab File: VX005917.D

Acq: 12 Nov 2018 22:40

Tgt Ion:	75	Resp:	21068
Ion Ratio	Lower	Upper	
75	100		
155	92.9	45.4	136.1
157	120.8	57.4	172.0





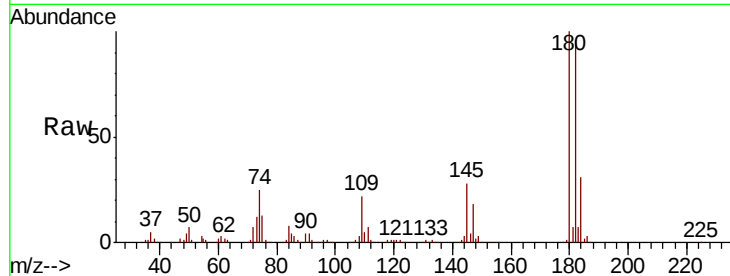
#93
 1,2,4-Trichlorobenzene
 Concen: 52.204 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	28.6	14.1	42.2

Manual Integrations
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MMDadoda
 11/13/2018 12:19:22 PM

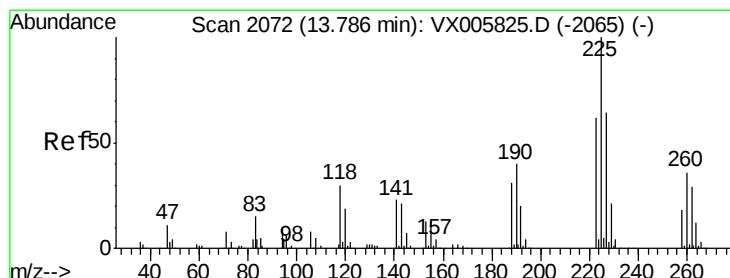
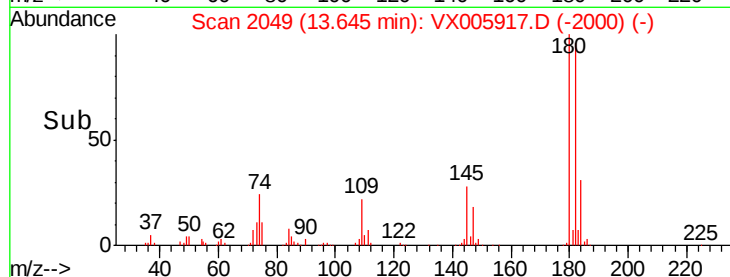
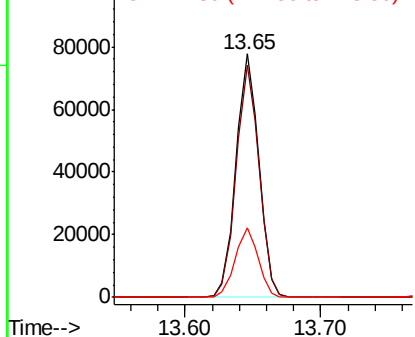


Abundance

Ion 179.80 (179.50 to 180.50): V

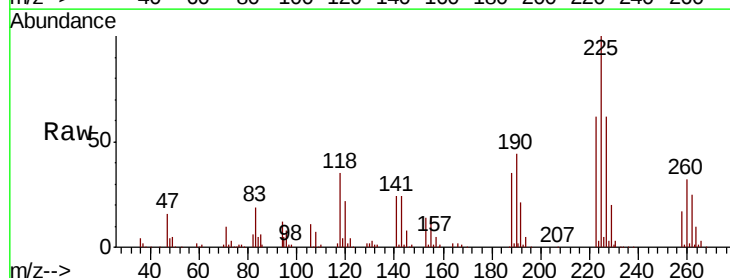
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.725 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005917.D
 Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.7	95.1
227	62.8	32.3	96.9

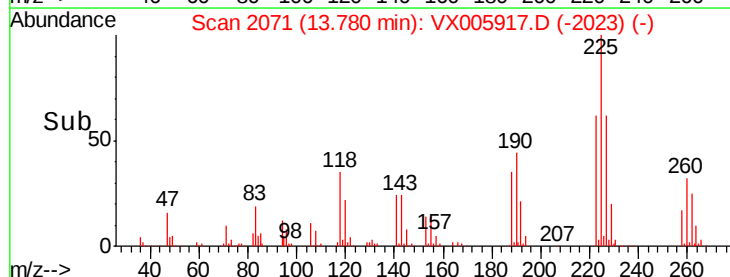
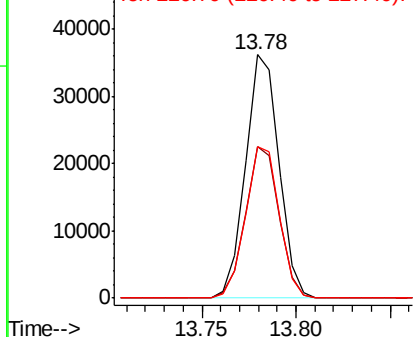


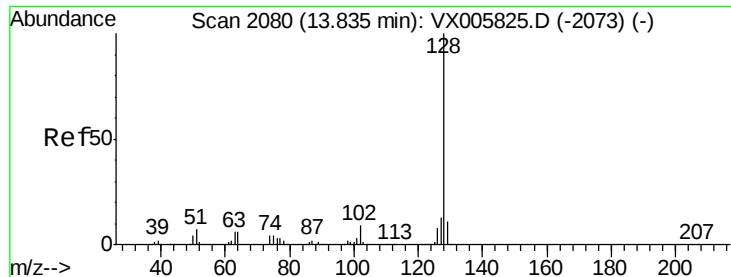
Abundance

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





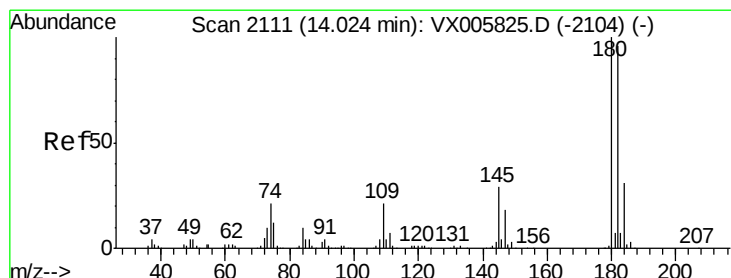
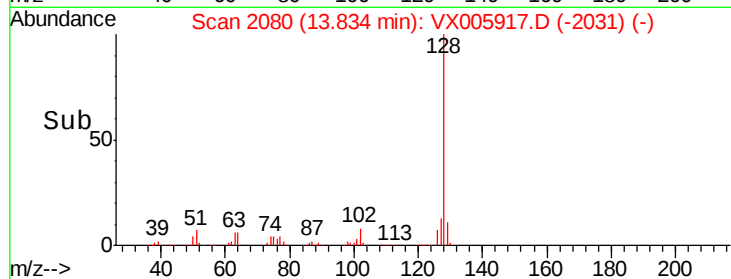
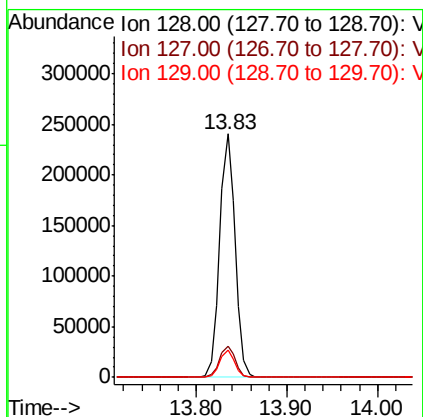
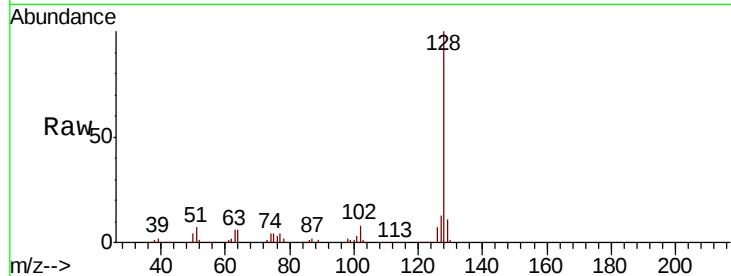
#95
Naphthalene
Concen: 50.308 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 52.582 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005917.D
Acq: 12 Nov 2018 22:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	29.6	15.1	45.3

