

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005139.D
 Acq On : 08 Oct 2018 20:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:52 PM

Quant Time: Oct 09 07:37:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	255782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	256542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163413	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132487	60.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.24%	
35) Dibromofluoromethane	5.49	113	107595	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.72	98	376958	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
62) 4-Bromofluorobenzene	11.14	95	147140	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	87945	41.81	ug/l	95
3) Chloromethane	1.32	50	132095	51.76	ug/l	100
4) Vinyl Chloride	1.41	62	125813	52.56	ug/l	97
5) Bromomethane	1.64	94	99133	69.84	ug/l	97
6) Chloroethane	1.70	64	77089	59.54	ug/l	95
7) Trichlorofluoromethane	1.92	101	144869	48.89	ug/l	96
8) Diethyl Ether	2.19	74	84797	65.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74593	44.19	ug/l	98
10) Methyl Iodide	2.50	142	99174	43.91	ug/l	92
11) Tert butyl alcohol	3.09	59	223855	363.27	ug/l	98
12) 1,1-Dichloroethene	2.37	96	90441	54.10	ug/l	96
13) Acrolein	2.29	56	79972	182.40	ug/l	94
14) Allyl chloride	2.72	41	229299	62.87	ug/l	94
15) Acrylonitrile	3.15	53	482396	355.61	ug/l	96
16) Acetone	2.45	43	425796	330.93	ug/l	93
17) Carbon Disulfide	2.56	76	213380	42.48	ug/l	99
18) Methyl Acetate	2.78	43	281488	86.35	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	414134	71.82	ug/l	95
20) Methylene Chloride	2.85	84	124815	67.00	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	98153	53.64	ug/l	84
22) Diisopropyl ether	3.87	45	423331	68.92	ug/l	95
23) Vinyl Acetate	3.83	43	1860901	331.00	ug/l	100
24) 1,1-Dichloroethane	3.69	63	212277	57.94	ug/l	99
25) 2-Butanone	4.70	43	649926	342.68	ug/l	91
26) 2,2-Dichloropropane	4.58	77	135587	53.14	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122944	60.14	ug/l	96
28) Bromochloromethane	5.02	49	102970	59.68	ug/l	98
29) Tetrahydrofuran	5.16	42	416196	353.07	ug/l	97
30) Chloroform	5.22	83	213075	61.54	ug/l	90
31) Cyclohexane	5.57	56	121510	43.33	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	164963	58.34	ug/l	96
36) 1,1-Dichloropropene	5.79	75	125077	42.29	ug/l	96
37) Ethyl Acetate	4.86	43	219251	55.85	ug/l	98
38) Carbon Tetrachloride	5.78	117	135475	43.57	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107288	35.52	ug/l	85
40) Benzene	6.14	78	443556	47.90	ug/l	96
41) Methacrylonitrile	5.06	41	126309	58.01	ug/l	98
42) 1,2-Dichloroethane	6.20	62	173318	52.95	ug/l	98
43) Isopropyl Acetate	6.46	43	326403	57.60	ug/l	96
44) Trichloroethene	7.21	130	112596	49.46	ug/l	99
45) 1,2-Dichloropropane	7.52	63	127736	56.25	ug/l	98
46) Dibromomethane	7.66	93	84743	59.38	ug/l	98
47) Bromodichloromethane	7.90	83	162154	60.69	ug/l	99
48) Methyl methacrylate	7.78	41	170714	66.37	ug/l	99
49) 1,4-Dioxane	7.76	88	80449	1259.02	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1209422	338.97	ug/l	99
52) Toluene	8.79	92	276877	54.42	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	179515	59.46	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	190511	60.24	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	131781	59.13	ug/l	96
56) Ethyl methacrylate	9.18	69	206000	56.56	ug/l	97
57) 1,3-Dichloropropane	9.37	76	216101	58.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	552571	285.60	ug/l	99
59) 2-Hexanone	9.50	43	970760	326.50	ug/l	95
60) Dibromochloromethane	9.58	129	133667	59.97	ug/l	98
61) 1,2-Dibromoethane	9.68	107	133524	55.94	ug/l	97
64) Tetrachloroethene	9.33	164	106157	42.04	ug/l	95
65) Chlorobenzene	10.14	112	319346	48.54	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	124616	53.88	ug/l	99
67) Ethyl Benzene	10.26	91	518222	49.62	ug/l	96
68) m/p-Xylenes	10.36	106	404349	99.07	ug/l	94
69) o-Xylene	10.70	106	204115	54.45	ug/l	99
70) Styrene	10.71	104	356352	50.79	ug/l	100
71) Bromoform	10.86	173	115261	58.21	ug/l #	98
73) Isopropylbenzene	11.02	105	519113	50.40	ug/l	99
74) N-amyl acetate	10.90	43	301503	53.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	227287	54.21	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	205077m	55.99	ug/l	
77) Bromobenzene	11.26	156	155866	52.10	ug/l	99
78) n-propylbenzene	11.36	91	594822	50.33	ug/l	98
79) 2-Chlorotoluene	11.42	91	385085	52.28	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	448828	47.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	63308	47.26	ug/l	99
82) 4-Chlorotoluene	11.51	91	444836	51.30	ug/l	100
83) tert-Butylbenzene	11.77	119	444882	52.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	481405	49.45	ug/l	99
85) sec-Butylbenzene	11.95	105	502886	48.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	461180	49.28	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	277675	49.70	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	287269	49.81	ug/l	99
89) n-Butylbenzene	12.39	91	386361	45.46	ug/l	100
90) Hexachloroethane	12.60	117	79420	50.97	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	295812	50.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55774	60.58	ug/l	99

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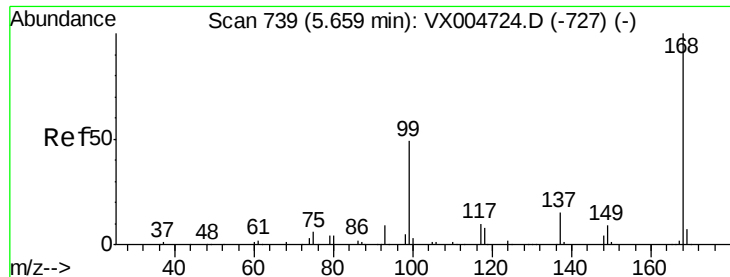
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	210935	51.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	83016	39.09	ug/l	99
95) Naphthalene	13.83	128	740685	54.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	225383	53.28	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 154279

Ion Ratio Lower Upper

168 100

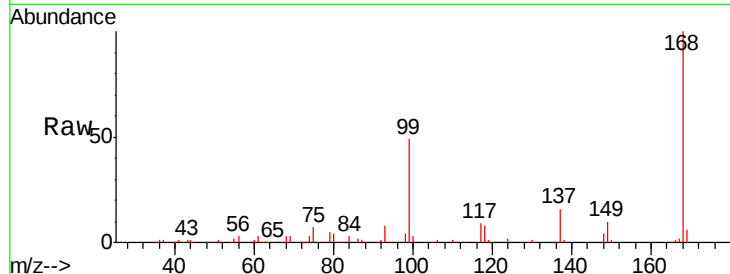
99 48.7 39.3 58.9

Manual Integrations

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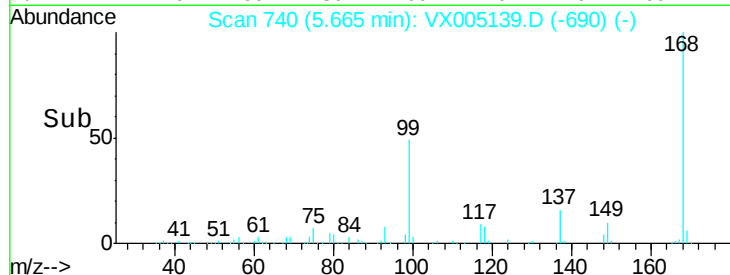


Abundance Ion 167.90 (167.60 to 168.60): V

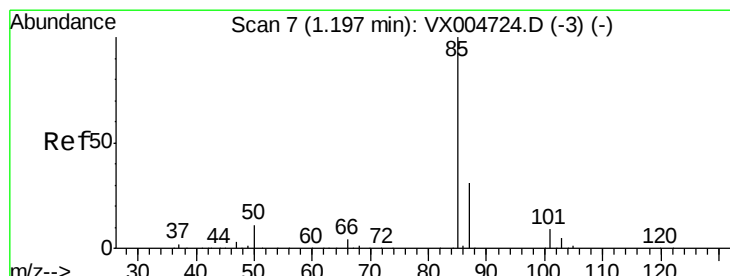
Ion 98.90 (98.60 to 99.60): VX0

5.66

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 41.81 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005139.D

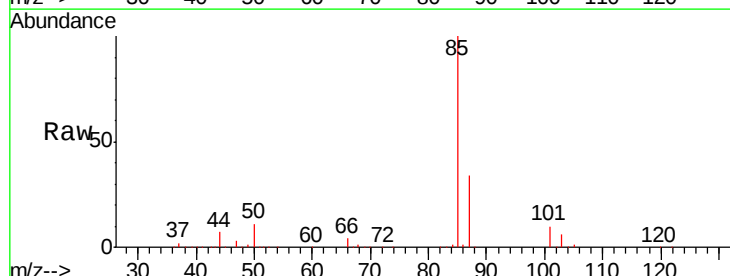
Acq: 08 Oct 2018 20:56

Tgt Ion: 85 Resp: 87945

Ion Ratio Lower Upper

85 100

87 34.1 15.7 47.1

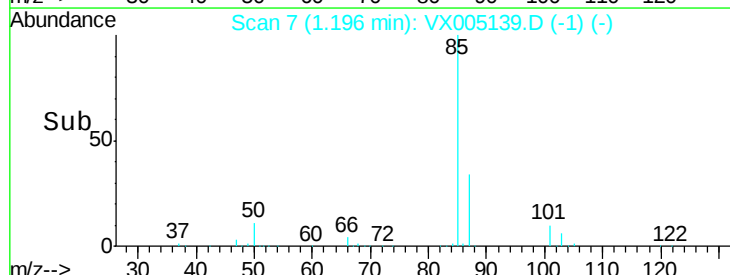


Abundance Ion 84.90 (84.60 to 85.60): VX0

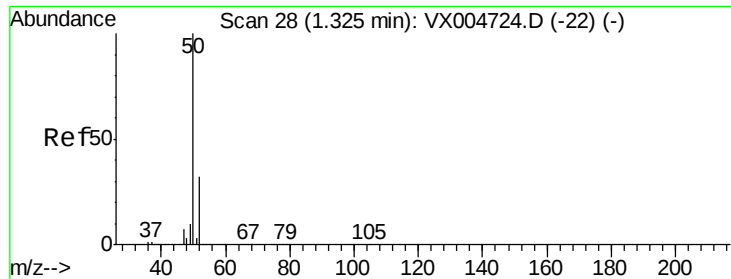
Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 51.76 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 132095

Ion Ratio Lower Upper

50 100

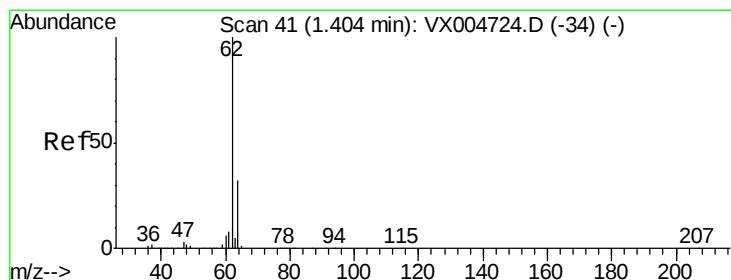
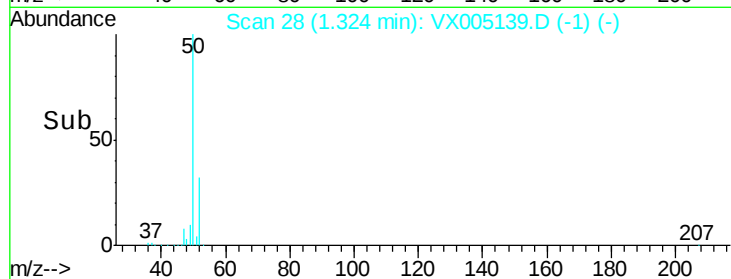
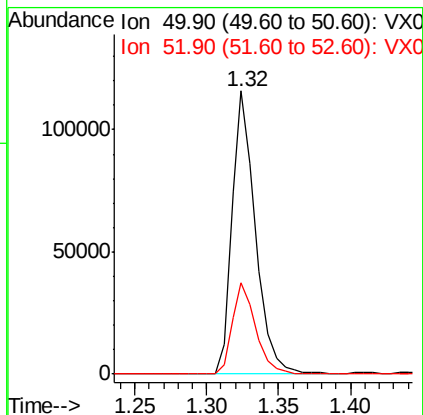
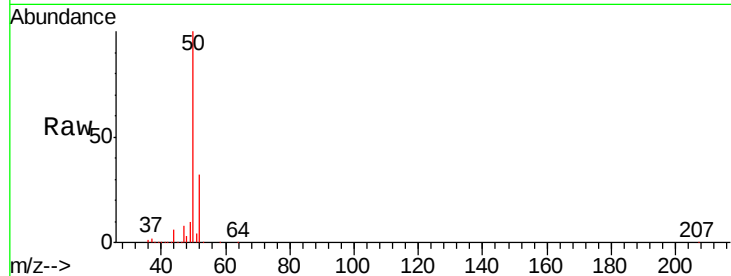
52 32.3 25.8 38.6

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#4

Vinyl Chloride

Concen: 52.56 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005139.D

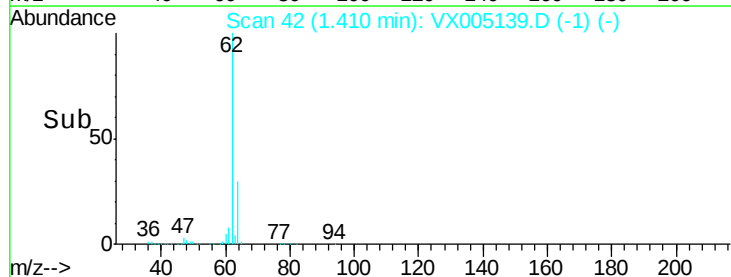
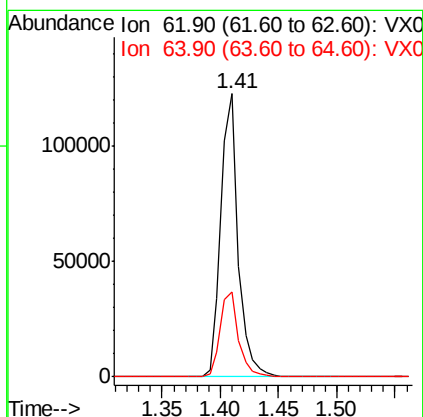
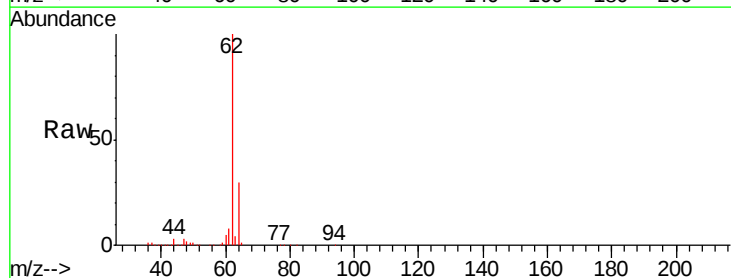
Acq: 08 Oct 2018 20:56

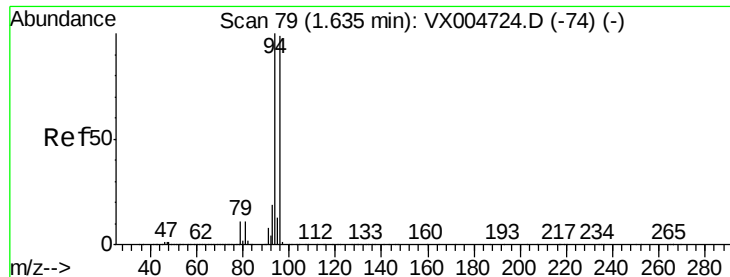
Tgt Ion: 62 Resp: 125813

Ion Ratio Lower Upper

62 100

64 30.1 25.5 38.3





#5

Bromomethane

Concen: 69.84 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 99133

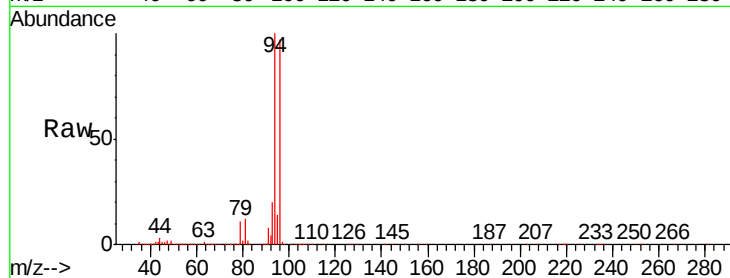
Ion Ratio Lower Upper

94 100

96 96.5 79.5 119.3

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

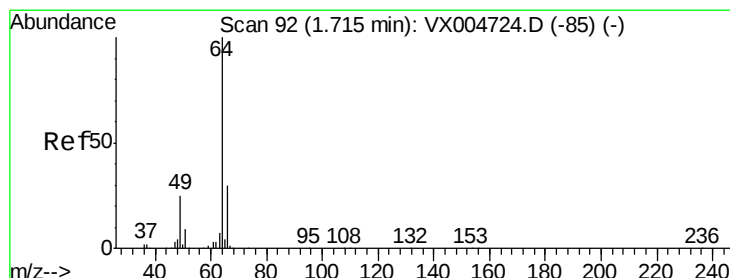
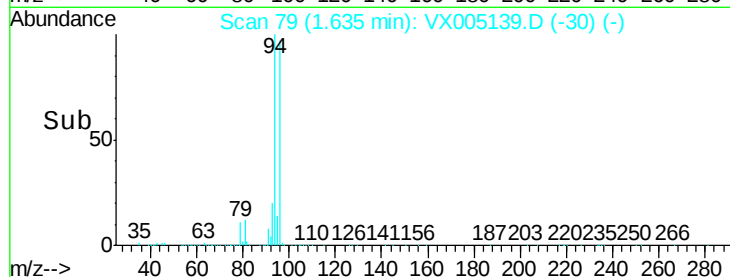
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 59.54 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX005139.D

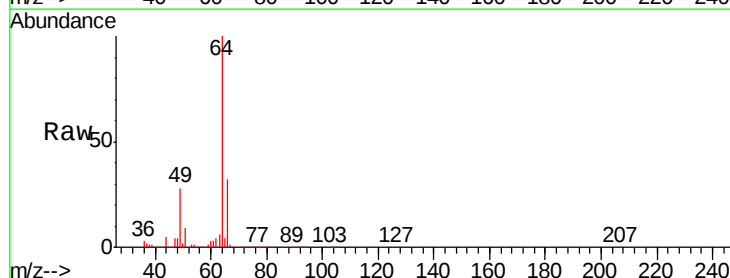
Acq: 08 Oct 2018 20:56

Tgt Ion: 64 Resp: 77089

Ion Ratio Lower Upper

64 100

66 32.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

60000

50000

40000

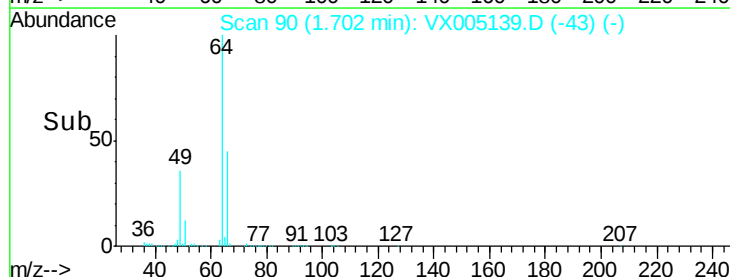
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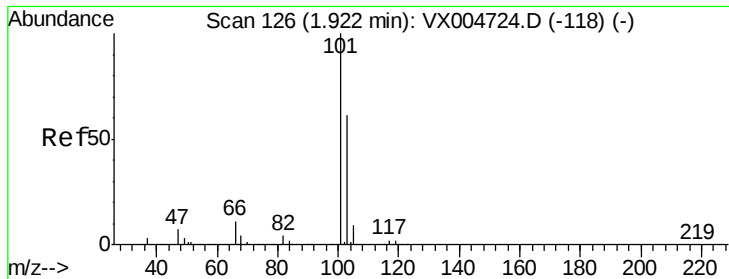
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10000

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Time-->





#7

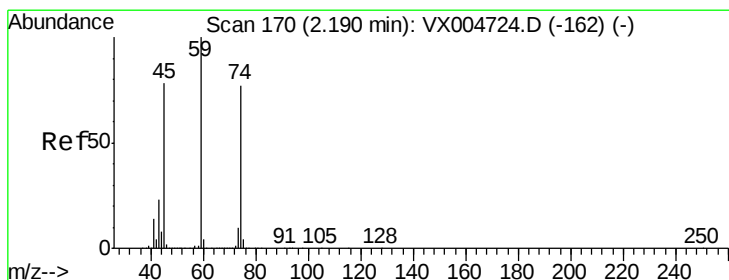
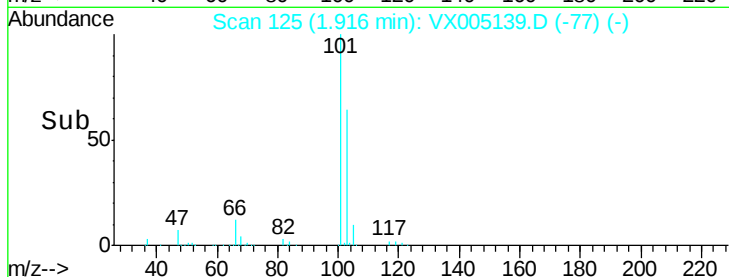
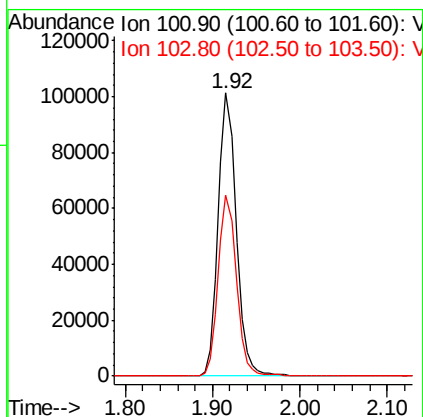
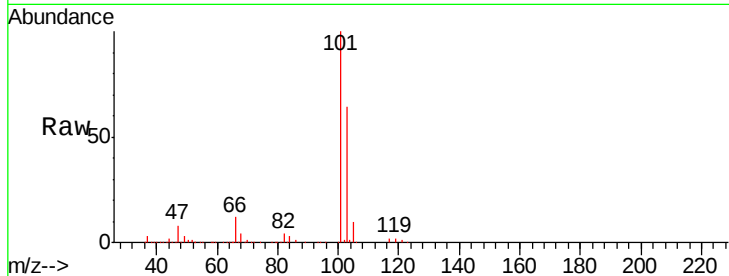
Trichlorofluoromethane
 Concen: 48.89 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

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 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	144869		
103	63.9	48.4	72.6	

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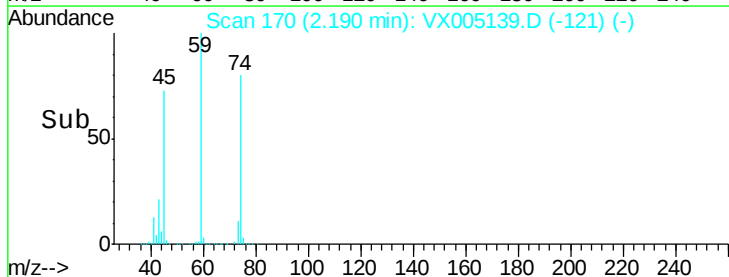
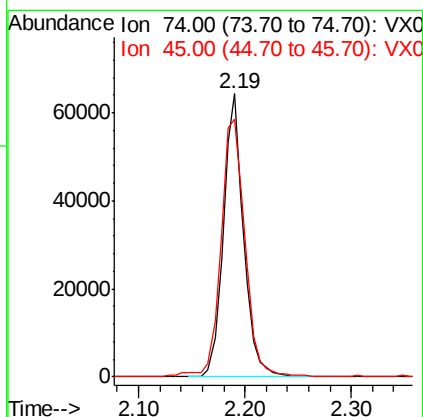
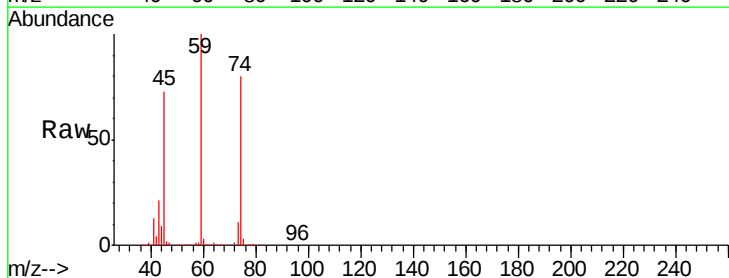
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#8

Diethyl Ether
 Concen: 65.87 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005139.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	84797		
45	108.6	52.5	157.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.19 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

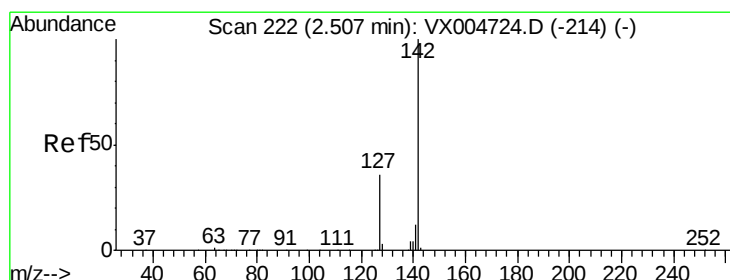
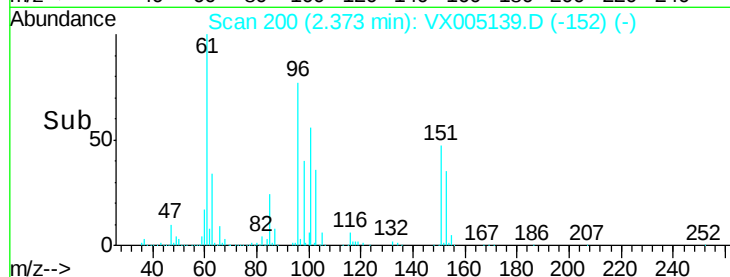
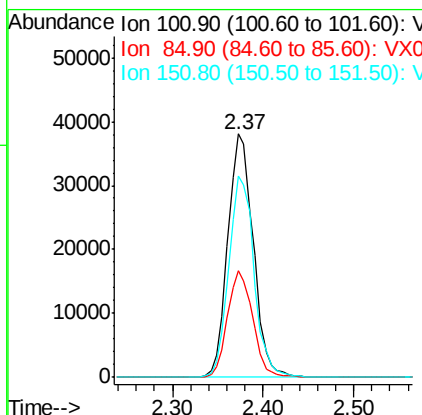
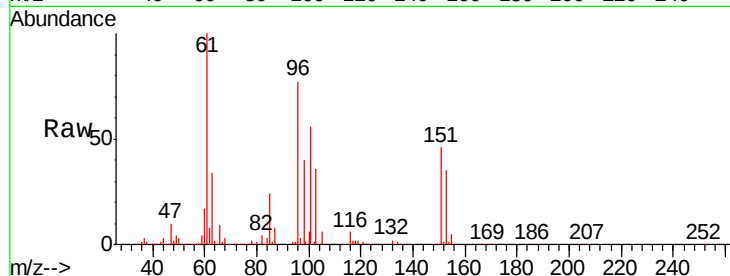
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	74593
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.9	53.9
151	81.8	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 43.91 ug/l

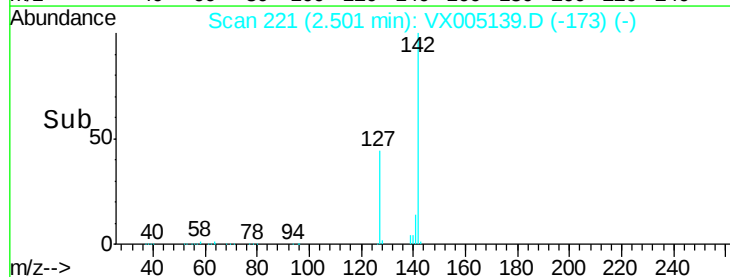
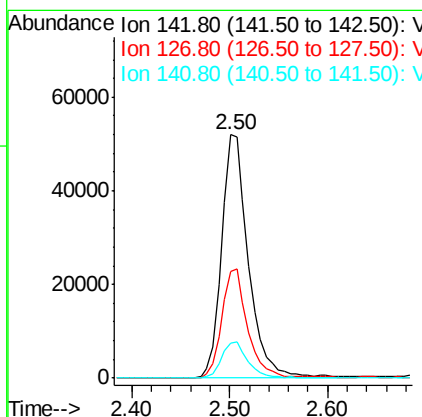
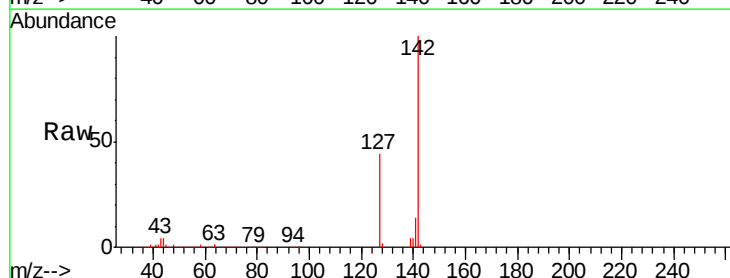
RT: 2.50 min Scan# 221

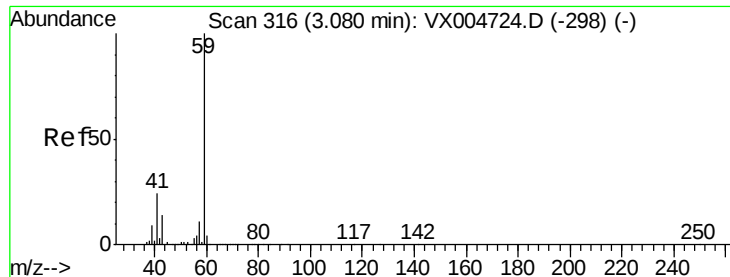
Delta R.T. -0.01 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	142	Resp:	99174
Ion Ratio	Lower	Upper	
142	100		
127	43.3	30.1	45.1
141	14.4	10.1	15.1





#11

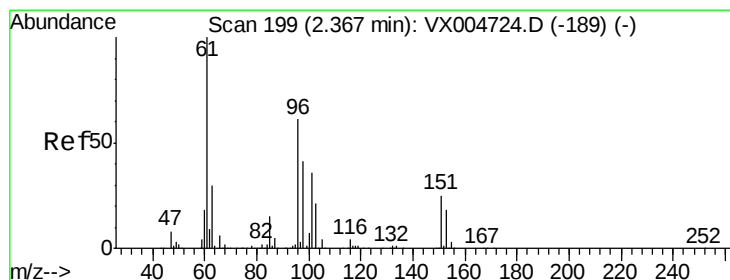
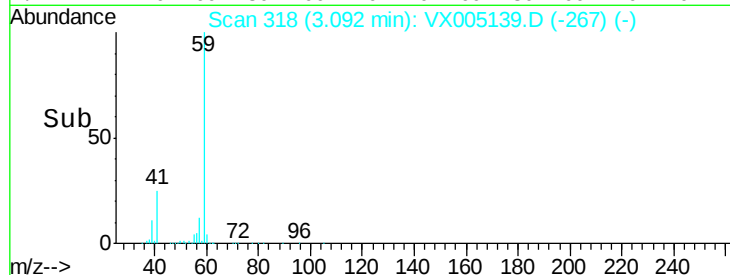
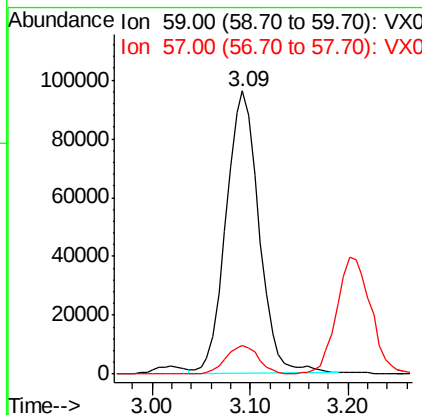
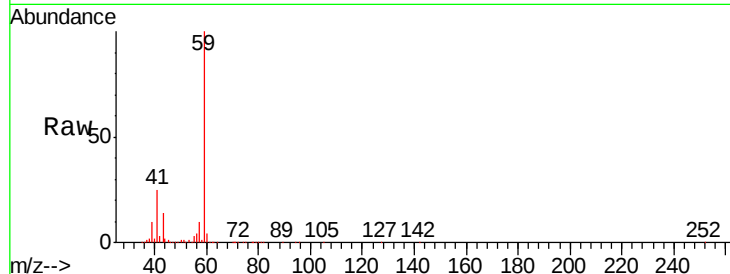
Tert butyl alcohol
Concen: 363.27 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 59 Resp: 223855
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

Manual Integrations
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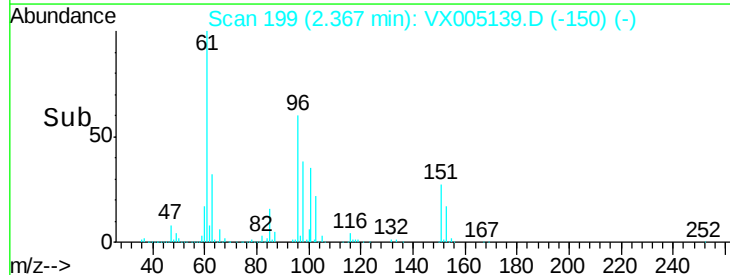
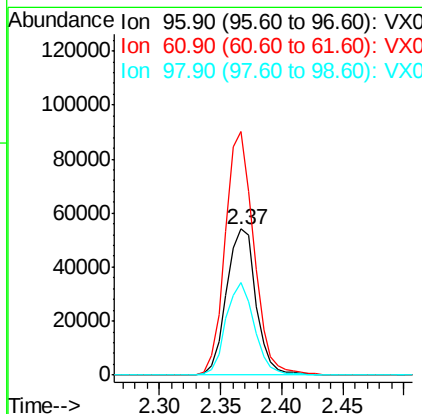
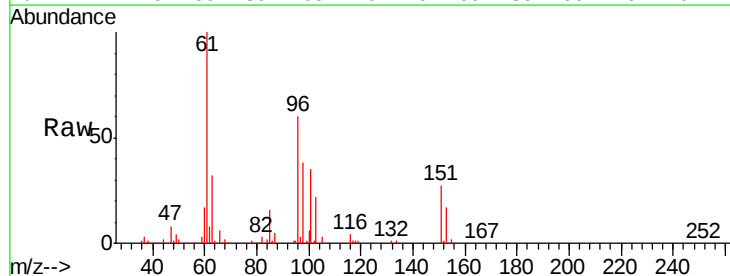
MMDadoda
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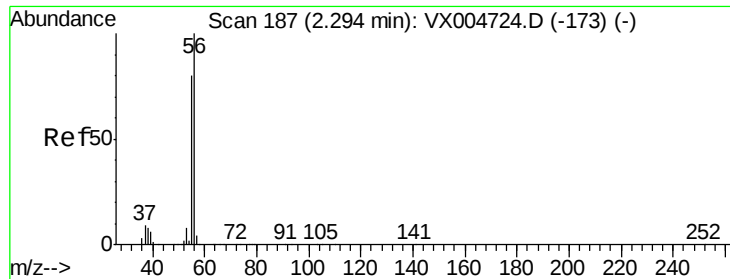


#12

1,1-Dichloroethene
Concen: 54.10 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion: 96 Resp: 90441
Ion Ratio Lower Upper
96 100
61 166.9 130.2 195.4
98 63.0 53.4 80.0





#13

Acrolein

Concen: 182.40 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 79972

Ion Ratio Lower Upper

56 100

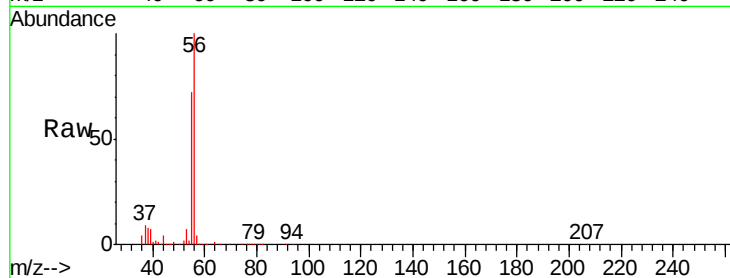
55 73.7 63.4 95.2

Manual Integrations

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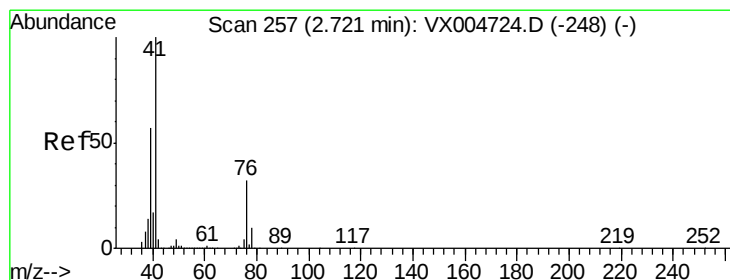
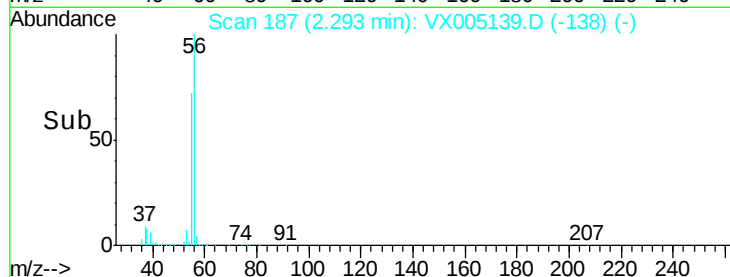
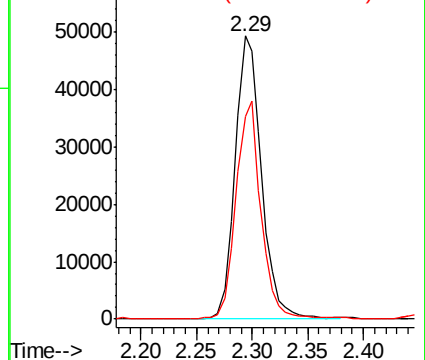
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 62.87 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

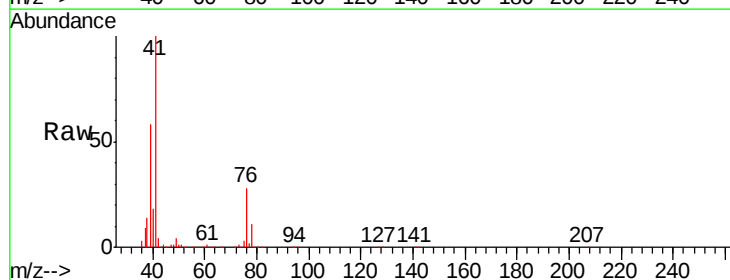
Tgt Ion: 41 Resp: 229299

Ion Ratio Lower Upper

41 100

39 59.3 44.1 66.1

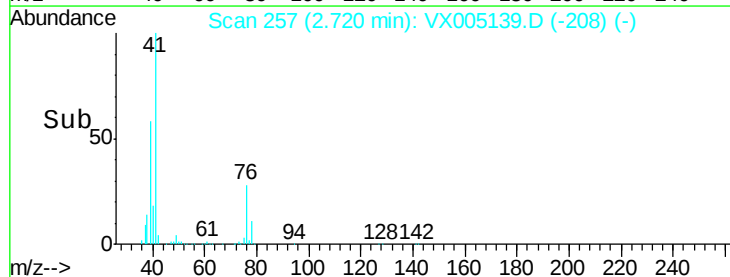
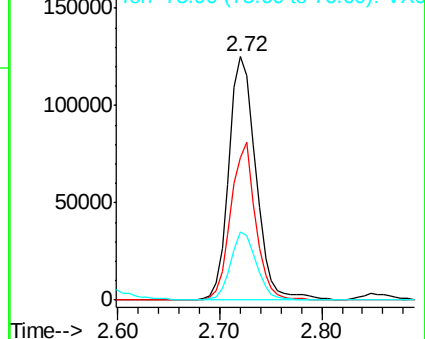
76 26.9 25.0 37.4



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: 355.61 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

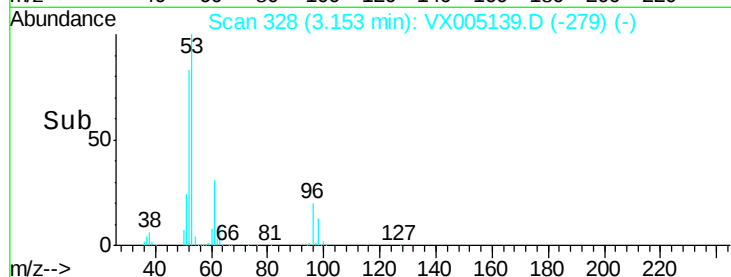
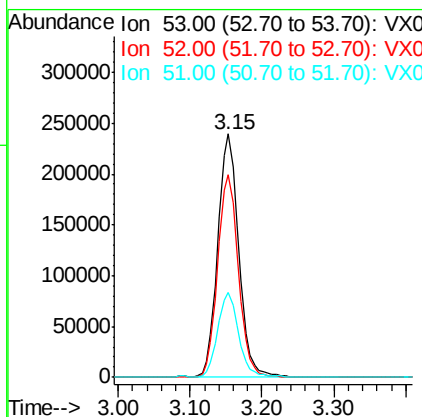
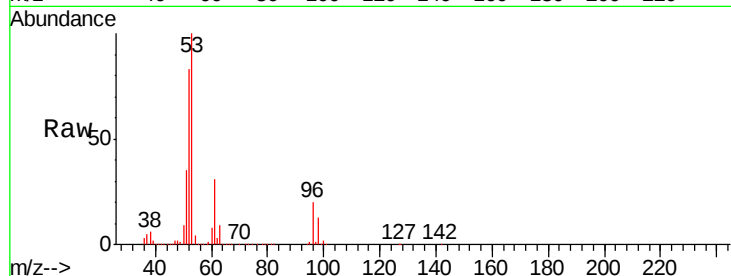
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	482396
Ion	Ratio	Lower	Upper
53	100		
52	83.3	63.0	94.4
51	35.0	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 330.93 ug/l

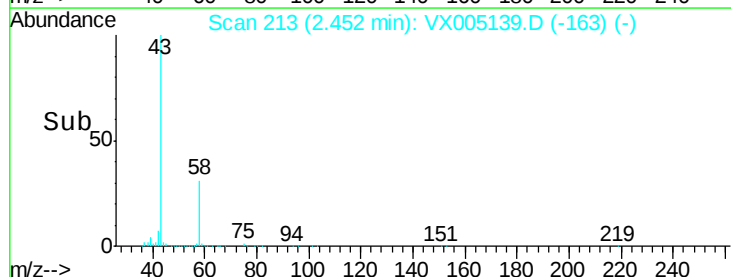
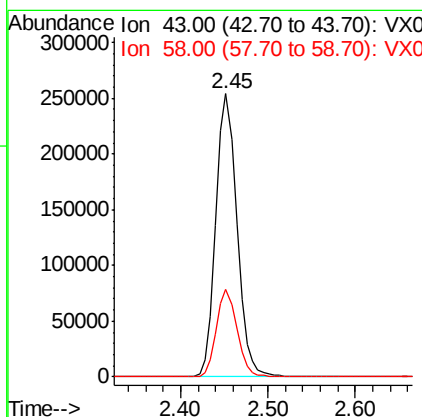
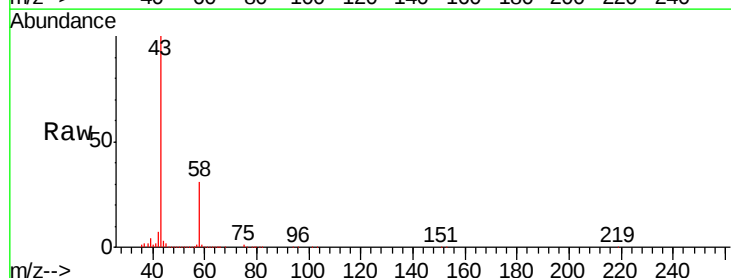
RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	43	Resp:	425796
Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.8	32.6





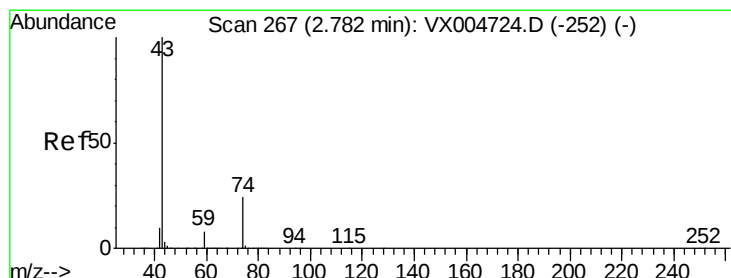
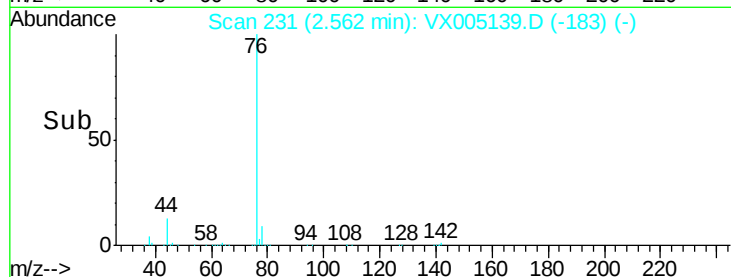
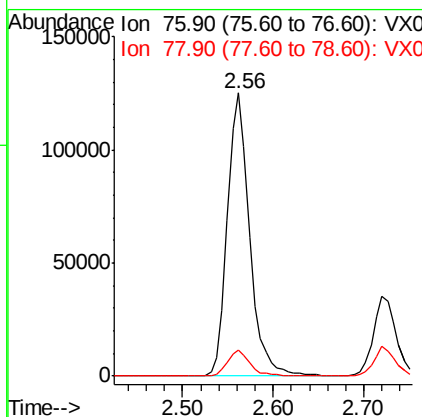
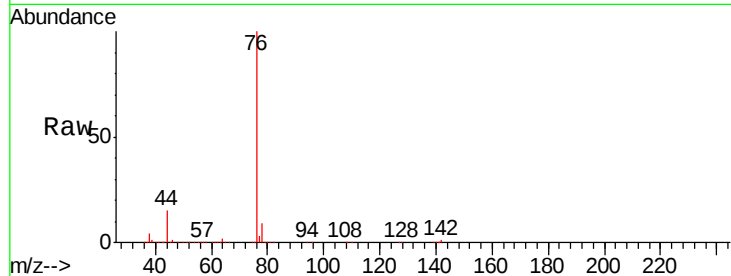
#17
Carbon Disulfide
Concen: 42.48 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

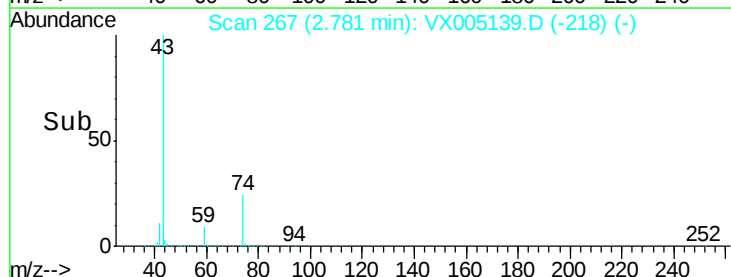
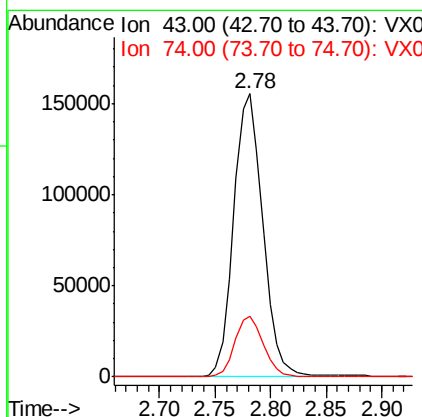
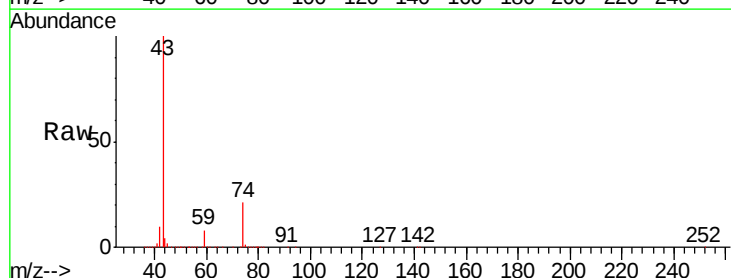
Manual Integrations
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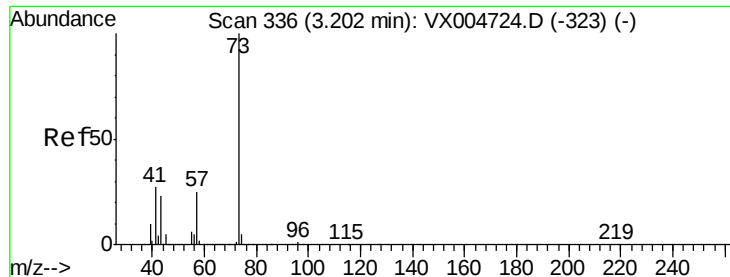
MMDadoda
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#18
Methyl Acetate
Concen: 86.35 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.8	26.8





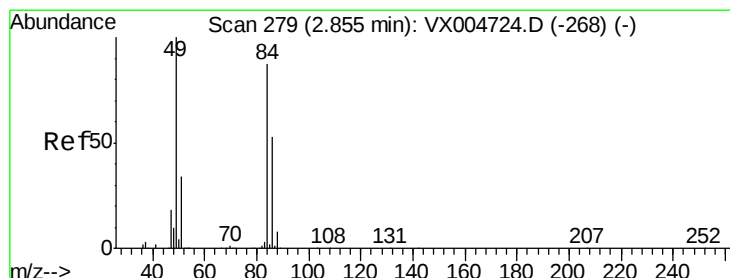
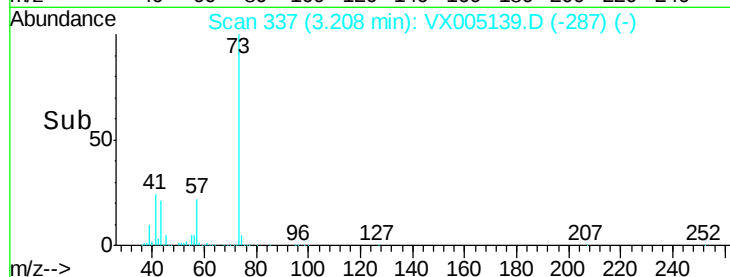
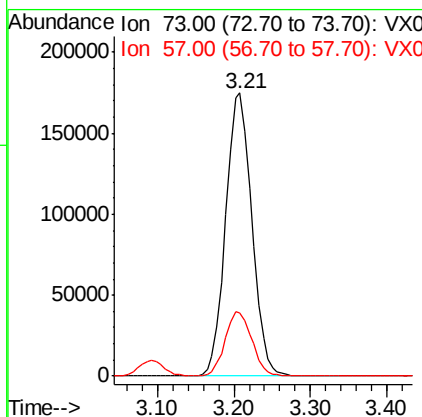
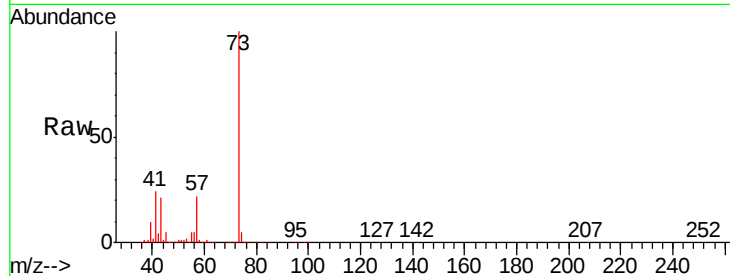
#19
Methyl tert-butyl Ether
Concen: 71.82 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.3	19.9	29.9

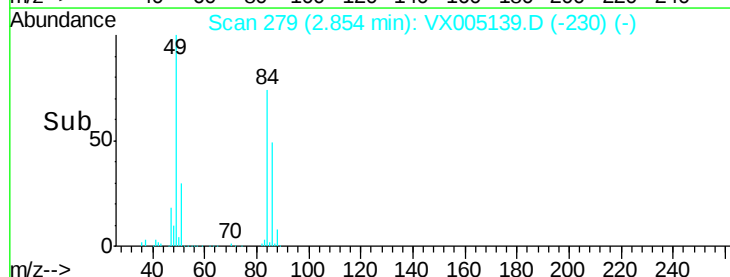
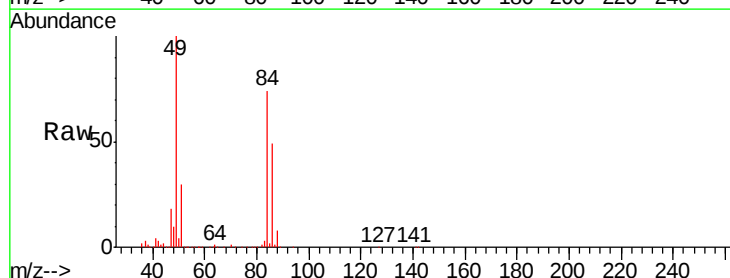
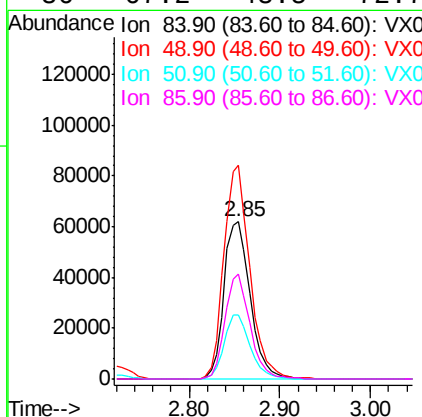
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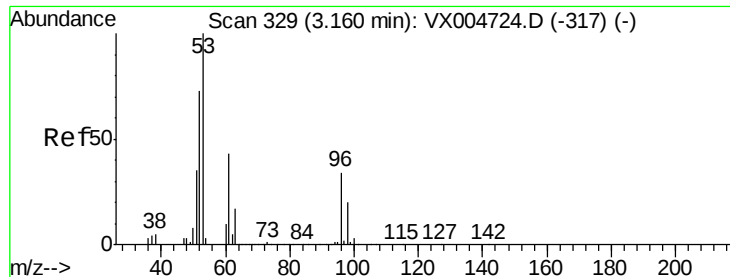
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10/9/2018 1:47:52 PM



#20
Methylene Chloride
Concen: 67.00 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.9	92.3	138.5
51	40.8	31.8	47.6
86	67.2	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 53.64 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

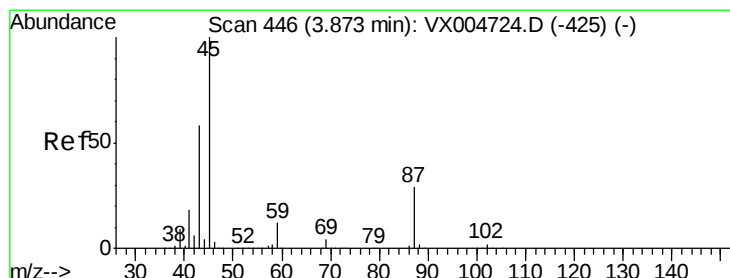
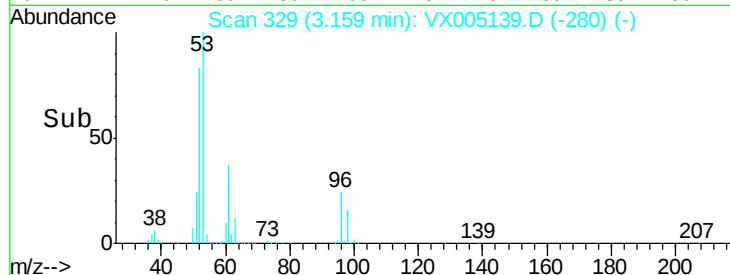
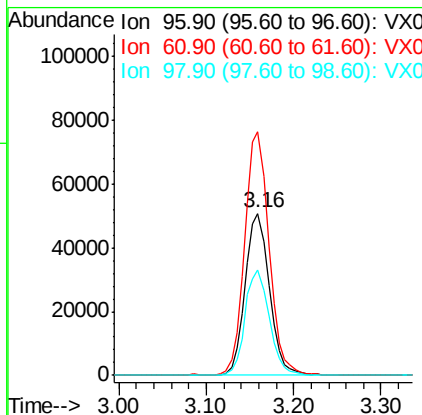
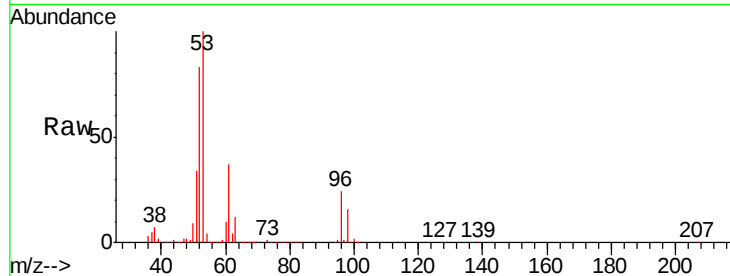
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	98153
Ion	Ratio	Lower	Upper
96	100		
61	149.8	101.0	151.6
98	64.9	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 68.92 ug/l

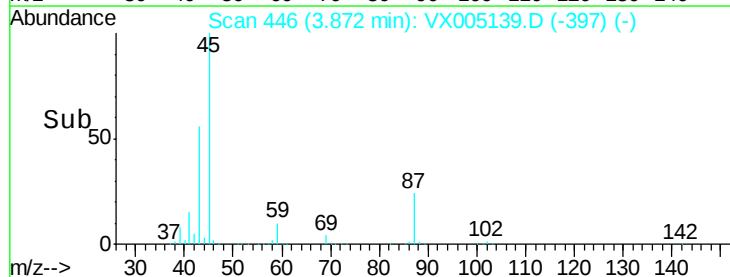
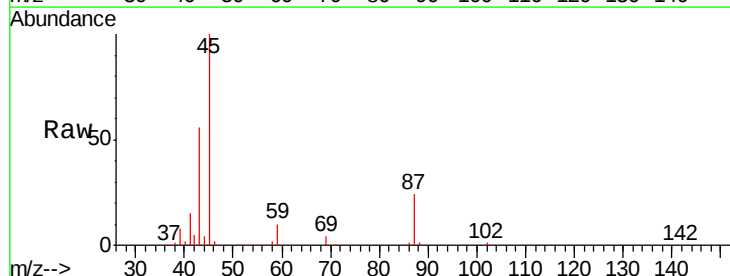
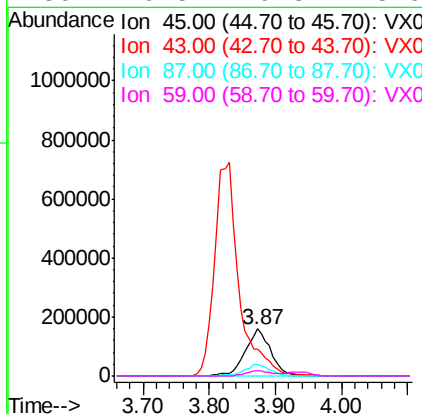
RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	45	Resp:	423331
Ion	Ratio	Lower	Upper
45	100		
43	55.7	46.7	70.1
87	23.6	22.9	34.3
59	10.5	9.3	13.9





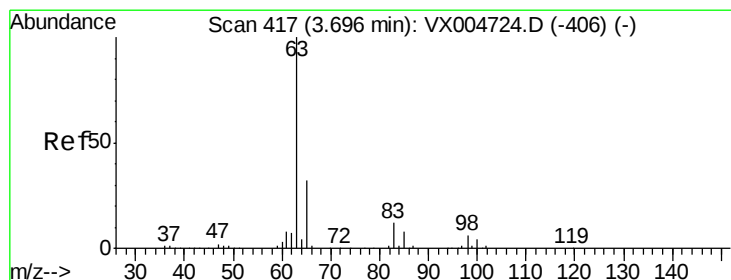
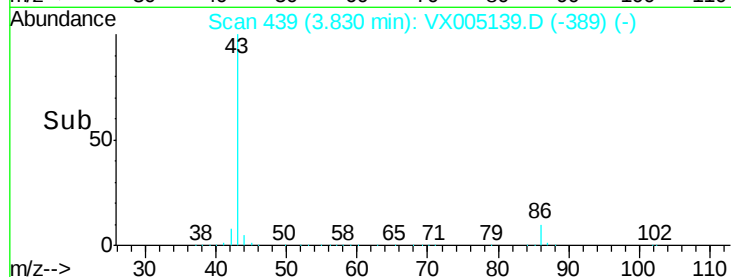
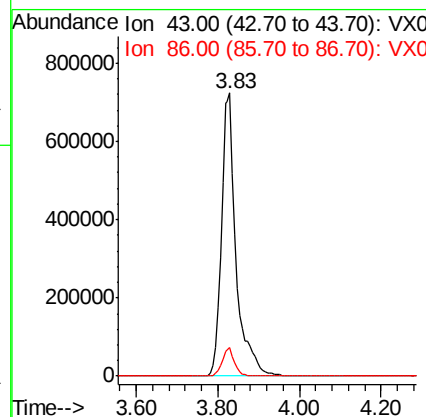
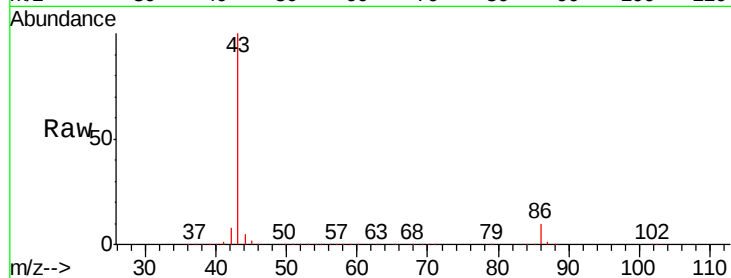
#23
 Vinyl Acetate
 Concen: 331.00 ug/l
 RT: 3.83 min Scan# 439
 Delta R.T. 0.01 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1860901
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

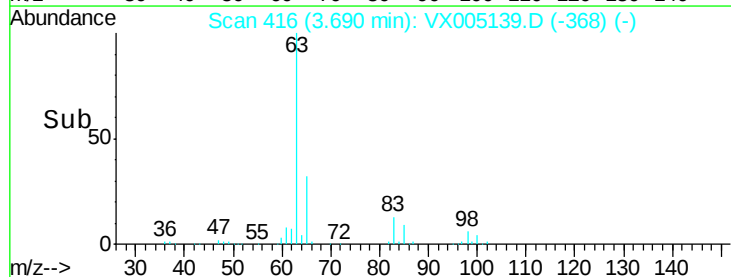
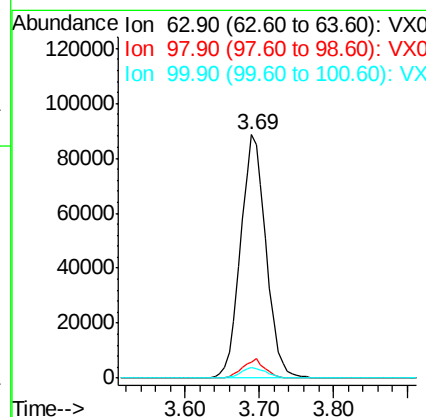
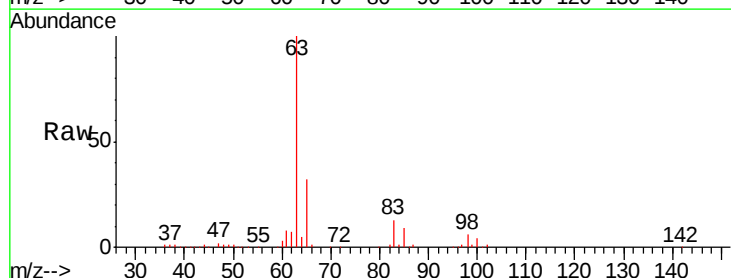
Manual Integrations
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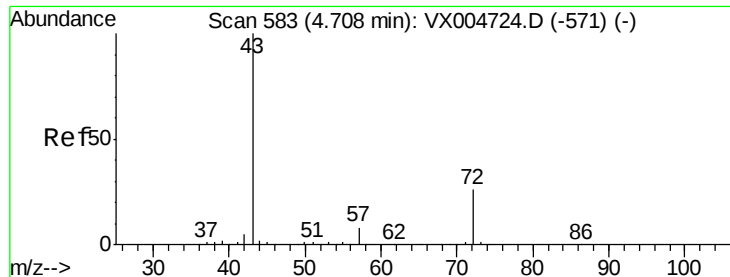
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#24
 1,1-Dichloroethane
 Concen: 57.94 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion: 63 Resp: 212277
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 342.68 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 649926

Ion Ratio Lower Upper

43 100

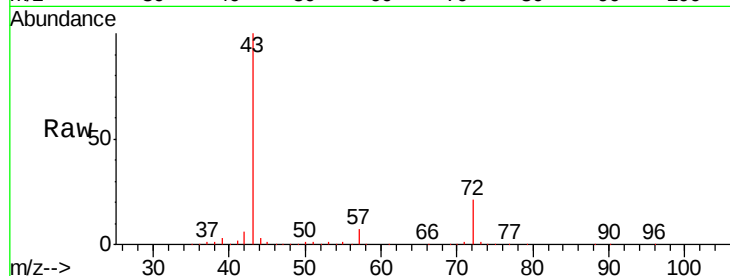
72 21.4 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

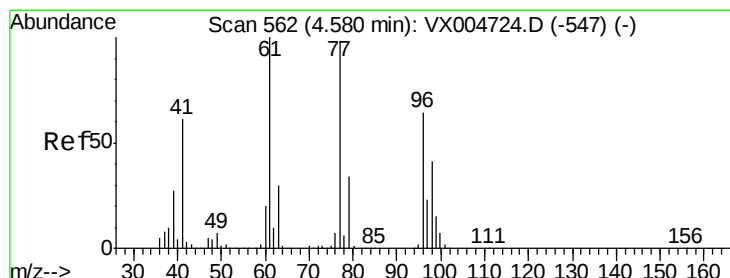
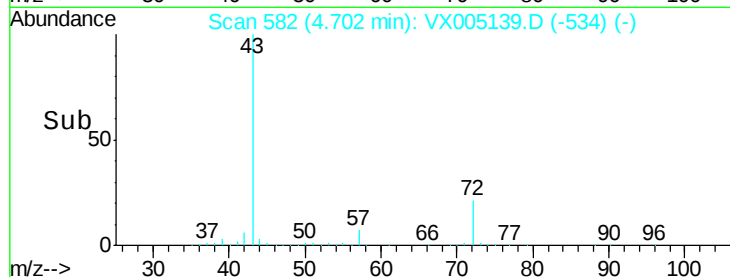
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 53.14 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005139.D

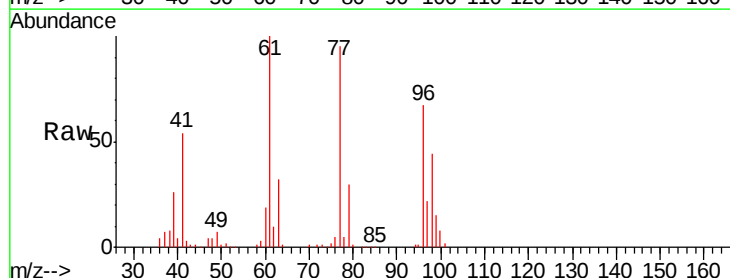
Acq: 08 Oct 2018 20:56

Tgt Ion: 77 Resp: 135587

Ion Ratio Lower Upper

77 100

97 24.5 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

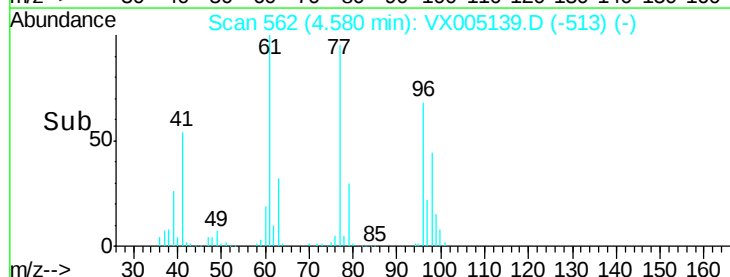
20000

10000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 60.14 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

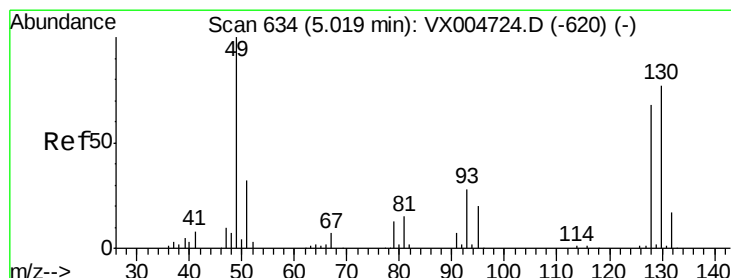
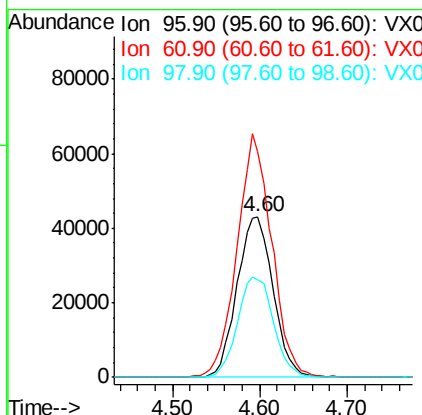
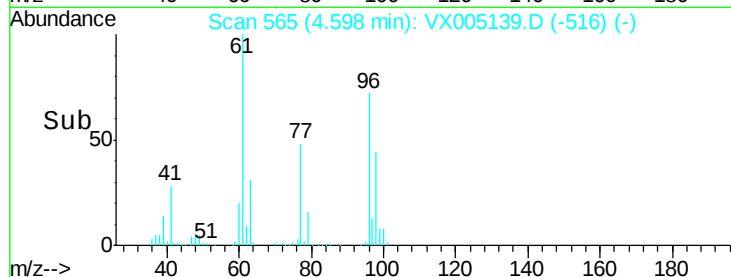
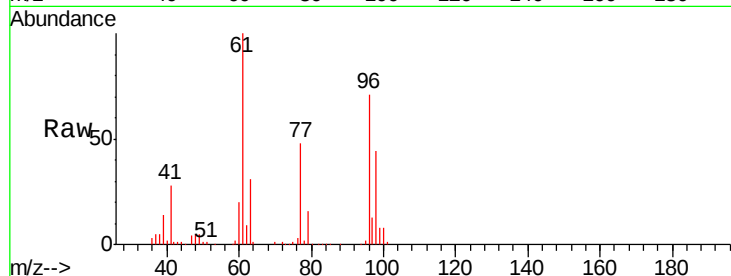
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	122944
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	285.8
98	62.8	0.0	136.2

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#28

Bromochloromethane

Concen: 59.68 ug/l

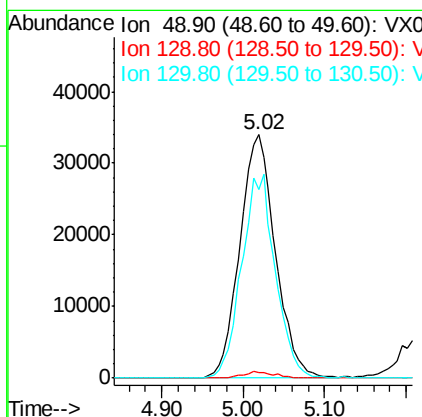
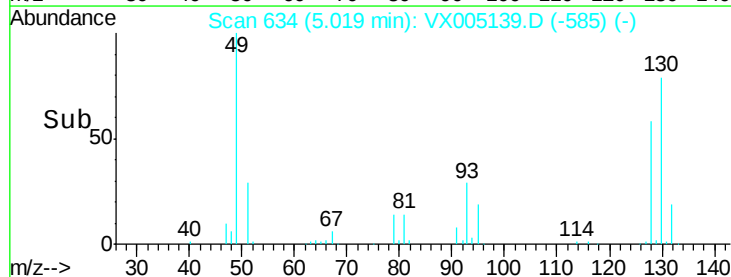
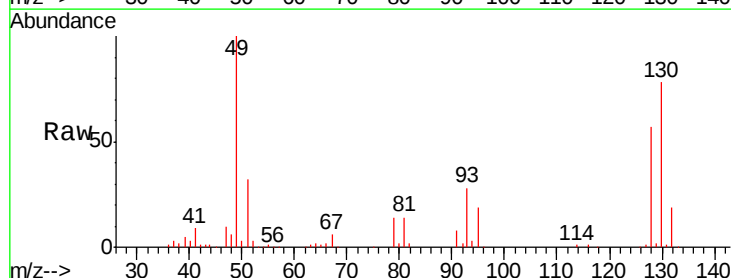
RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	49	Resp:	102970
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	79.4	62.0	93.0





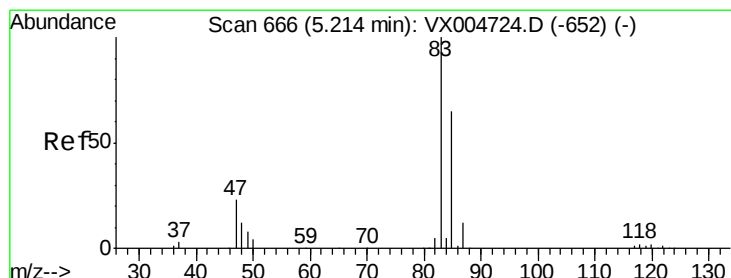
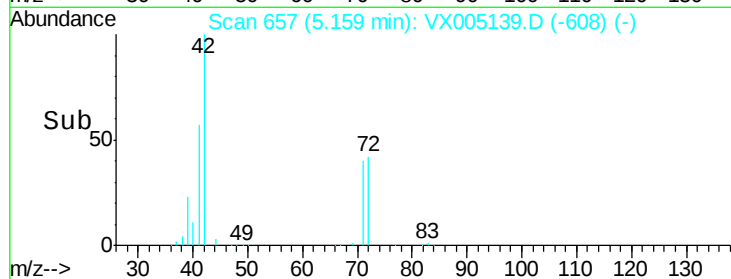
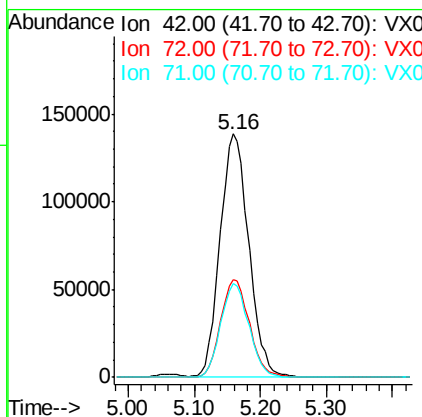
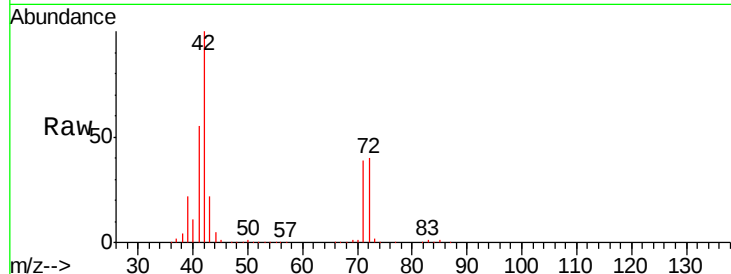
#29
Tetrahydrofuran
Concen: 353.07 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.4	33.7	50.5
71	38.0	32.2	48.4

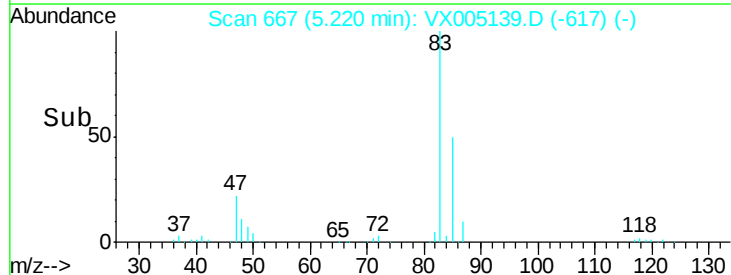
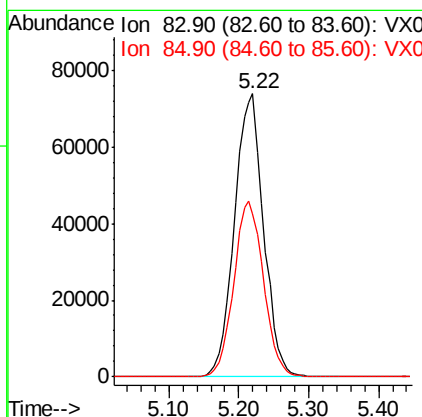
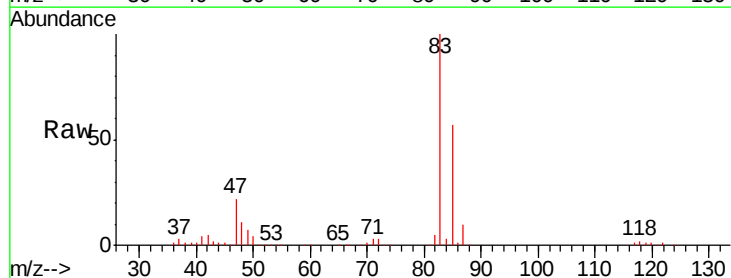
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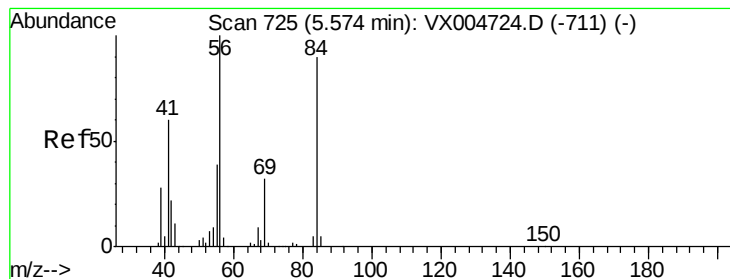
MMDadoda
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#30
Chloroform
Concen: 61.54 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.5	52.4	78.6





#31

Cyclohexane

Concen: 43.33 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

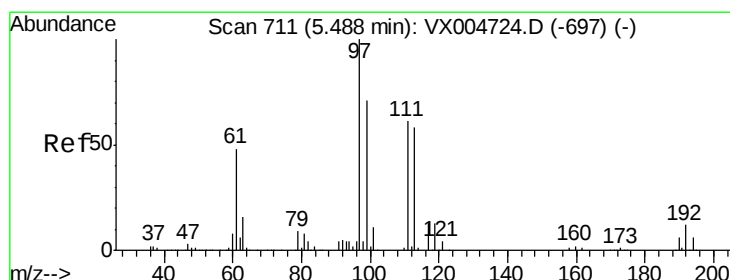
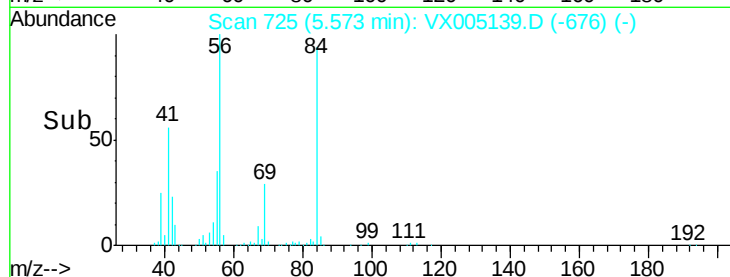
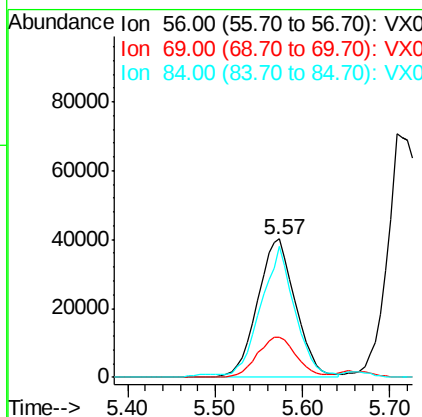
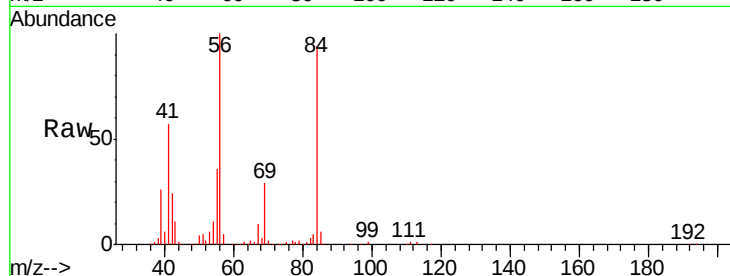
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	121510
Ion	Ratio	Lower	Upper
56	100		
69	28.9	25.9	38.9
84	93.3	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 58.34 ug/l

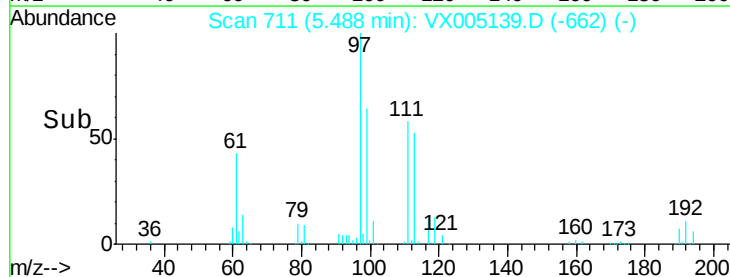
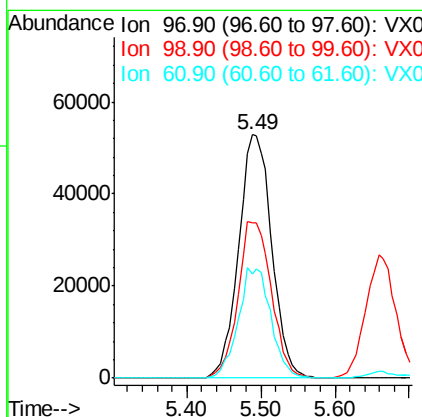
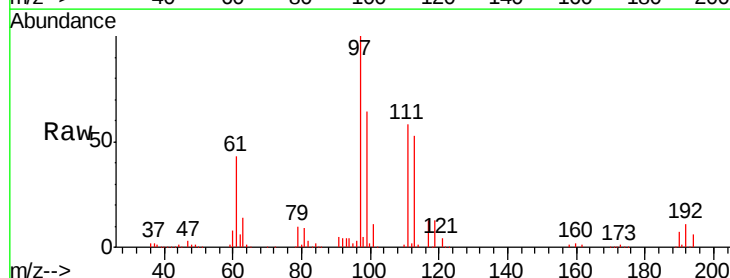
RT: 5.49 min Scan# 711

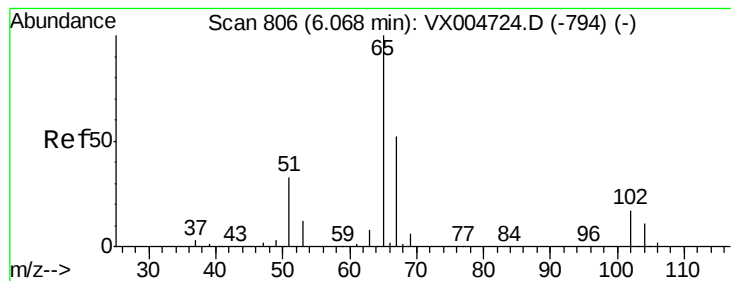
Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	97	Resp:	164963
Ion	Ratio	Lower	Upper
97	100		
99	64.7	54.6	82.0
61	44.7	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 60.12 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 132487

Ion Ratio Lower Upper

65 100

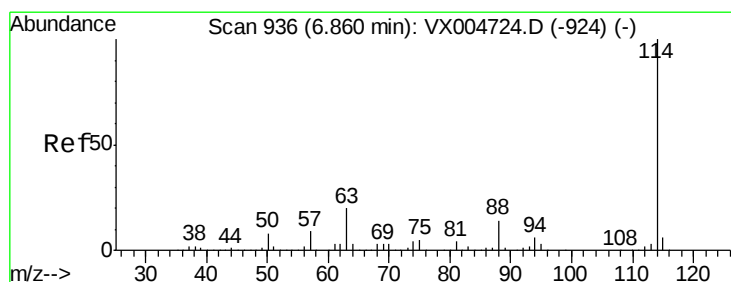
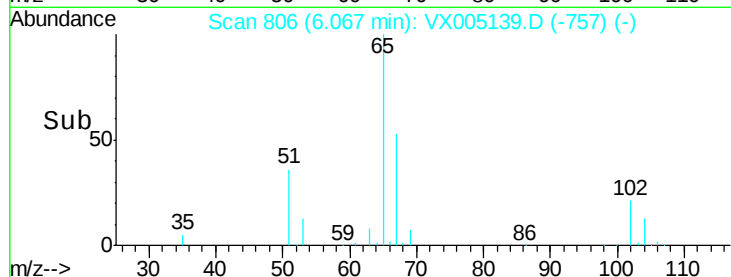
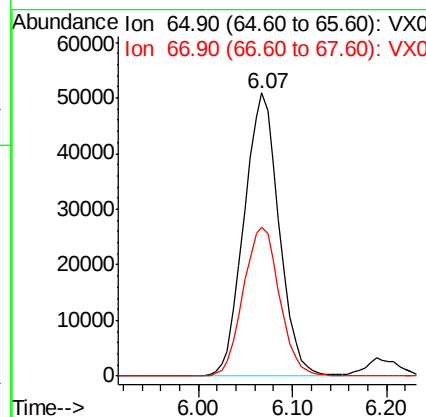
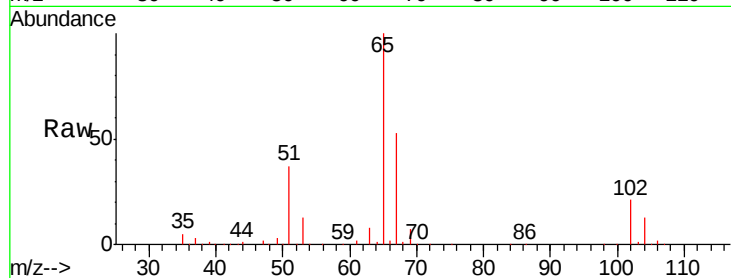
67 54.5 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

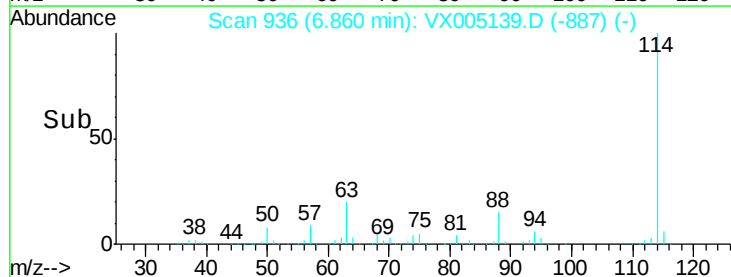
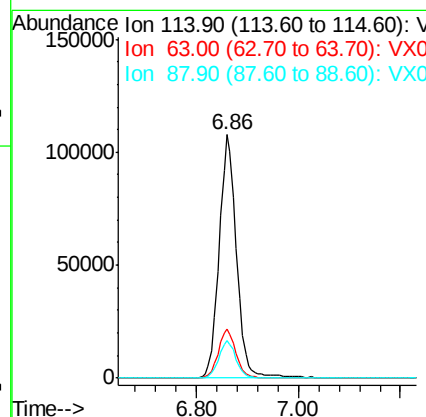
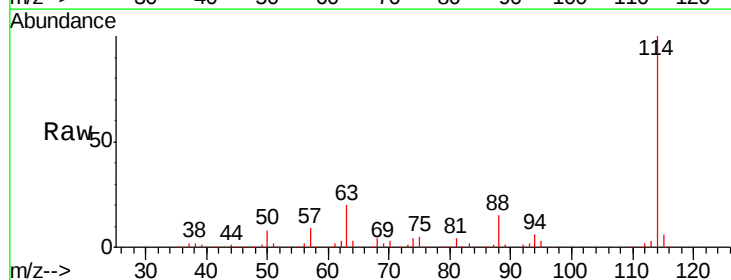
Tgt Ion: 114 Resp: 255782

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

88 15.3 0.0 27.0





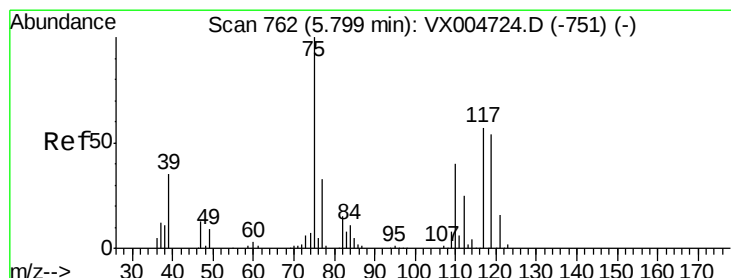
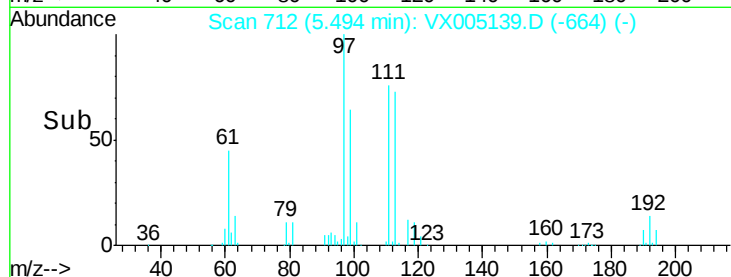
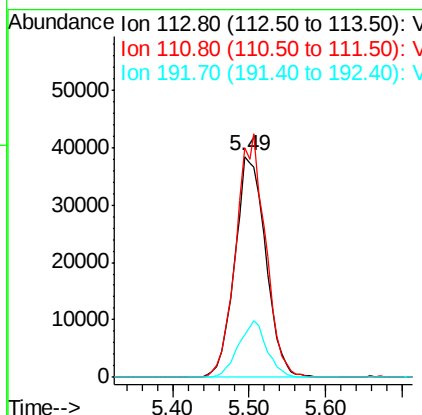
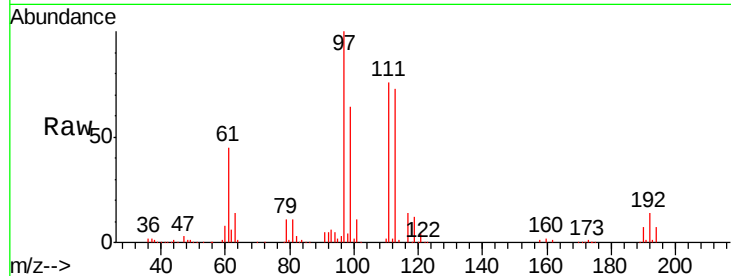
#35
 Dibromofluoromethane
 Concen: 49.63 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	107595		
111	105.6	77.0	115.4	
192	23.5	17.0	25.6	

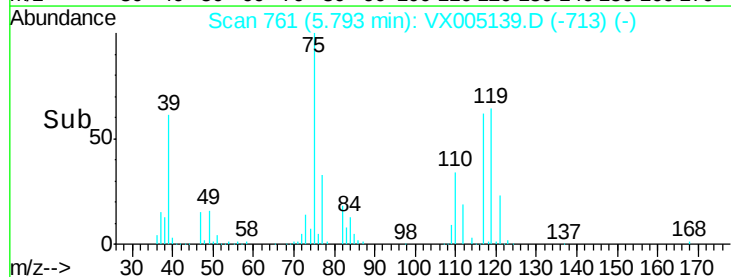
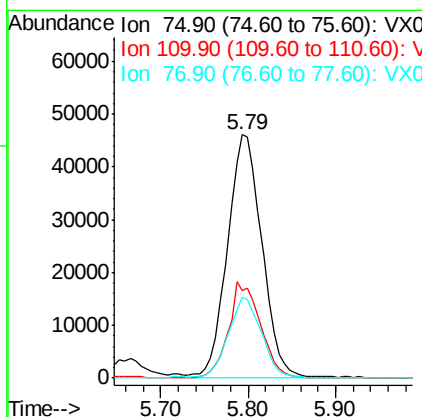
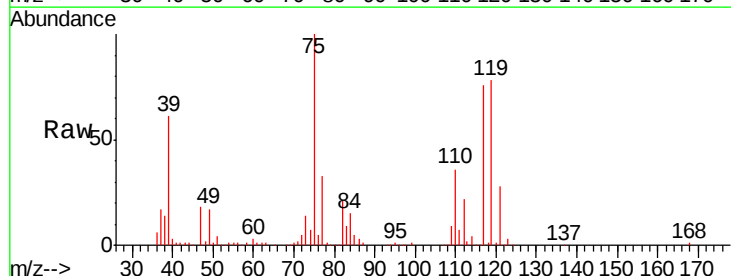
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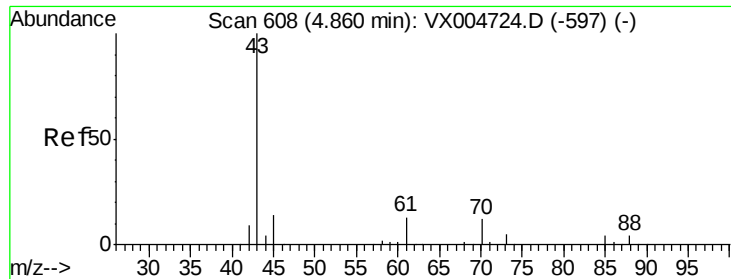
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#36
 1,1-Dichloropropene
 Concen: 42.29 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	125077		
110	37.0	20.0	59.9	
77	32.6	27.1	40.7	





#37

Ethyl Acetate

Concen: 55.85 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

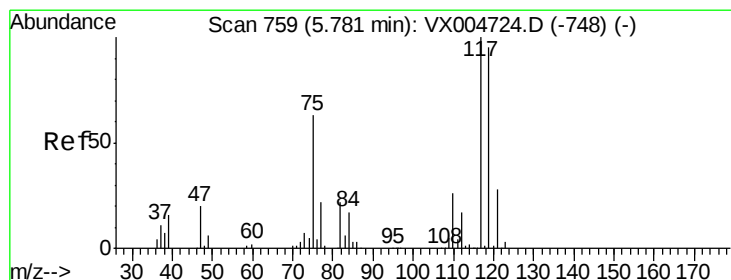
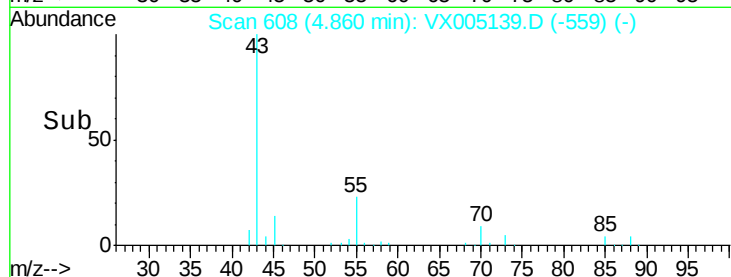
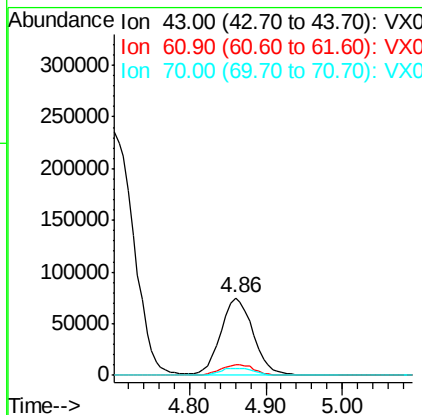
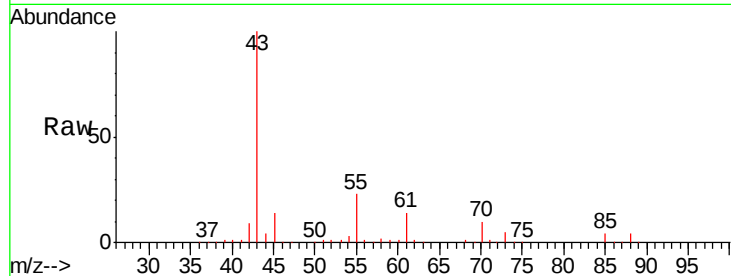
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	219251
Ion Ratio	Lower	Upper	
43	100		
61	13.8	10.4	15.6
70	9.9	8.7	13.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 43.57 ug/l

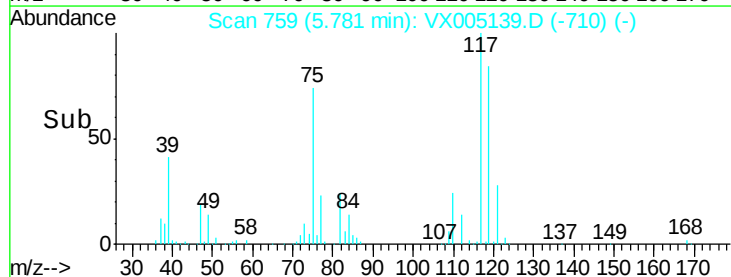
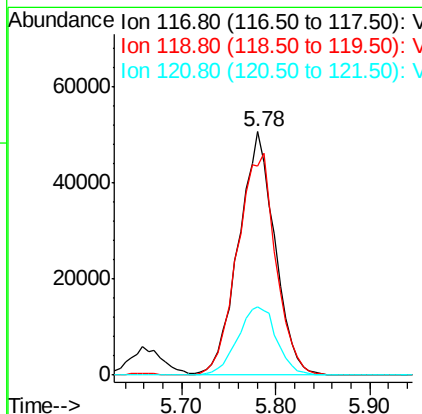
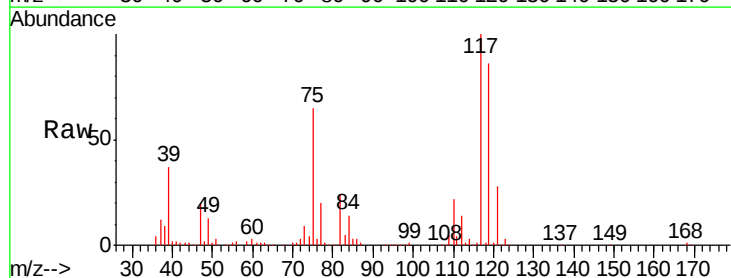
RT: 5.78 min Scan# 759

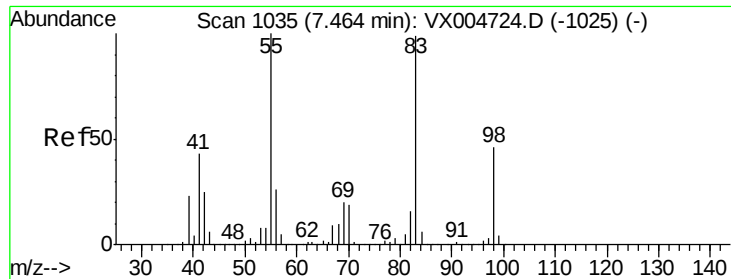
Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	117	Resp:	135475
Ion Ratio	Lower	Upper	
117	100		
119	85.9	75.2	112.8
121	28.1	22.5	33.7





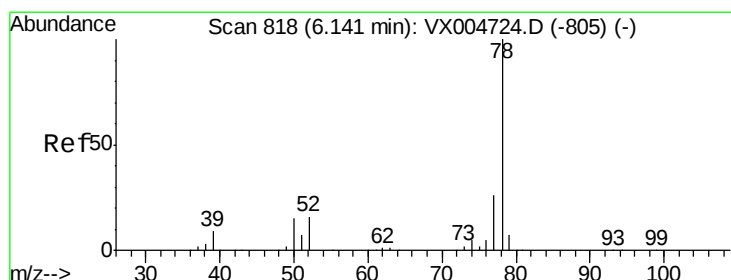
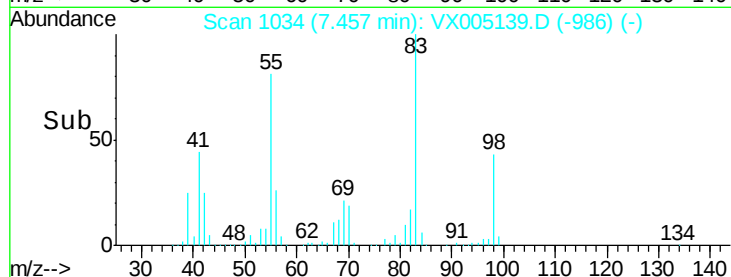
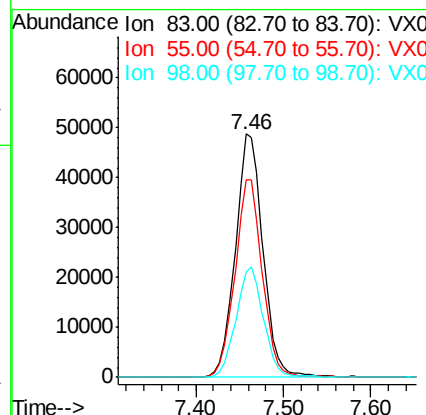
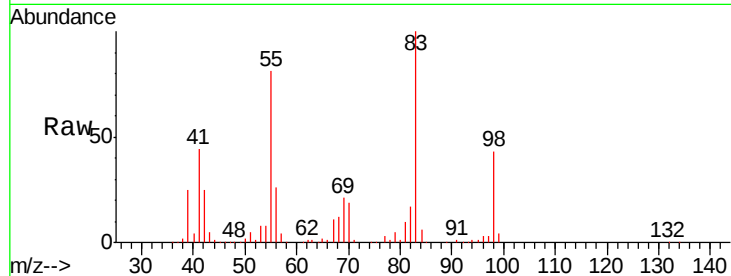
#39
Methylcyclohexane
Concen: 35.52 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.1	81.1	121.7
98	43.4	37.3	55.9

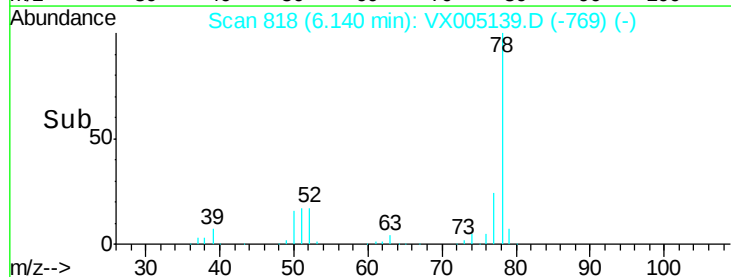
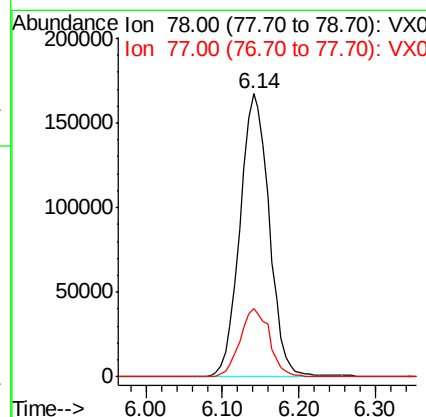
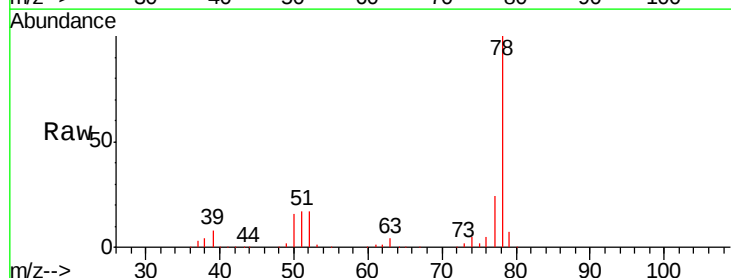
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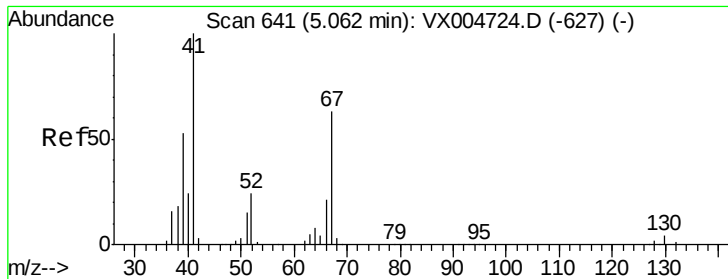
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#40
Benzene
Concen: 47.90 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	21.0	31.4





#41

Methacrylonitrile

Concen: 58.01 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

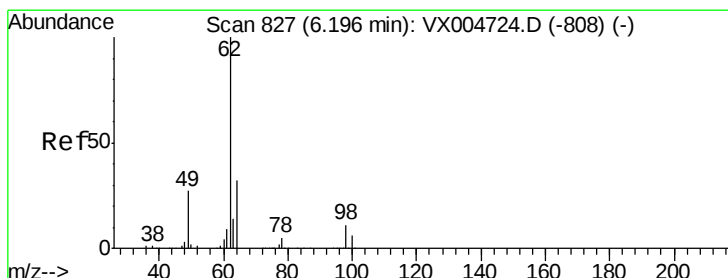
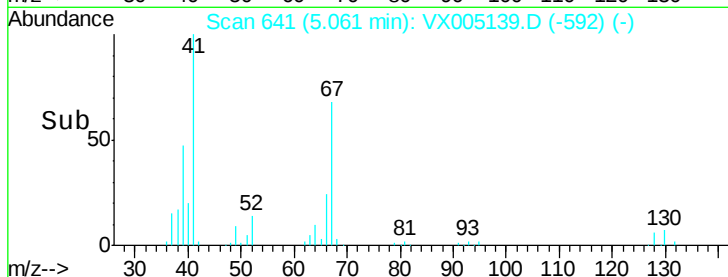
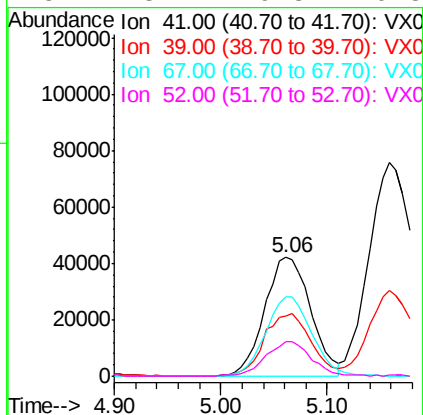
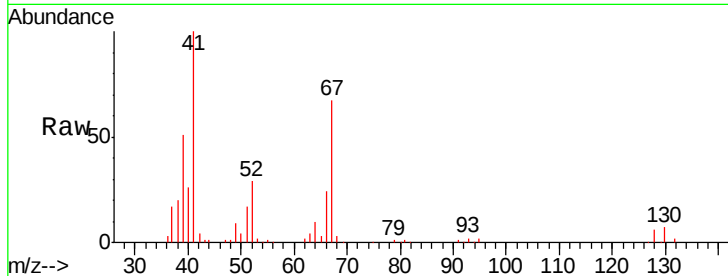
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.5	63.7
67	67.4	53.0	79.6
52	28.7	19.8	29.8

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#42

1,2-Dichloroethane

Concen: 52.95 ug/l

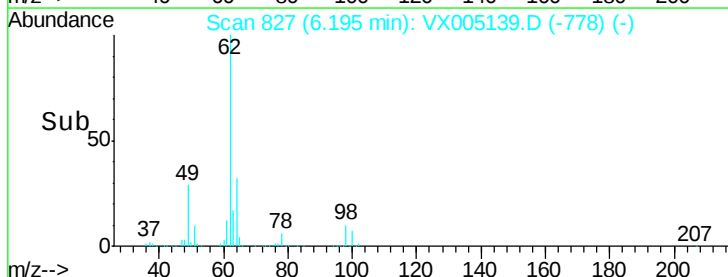
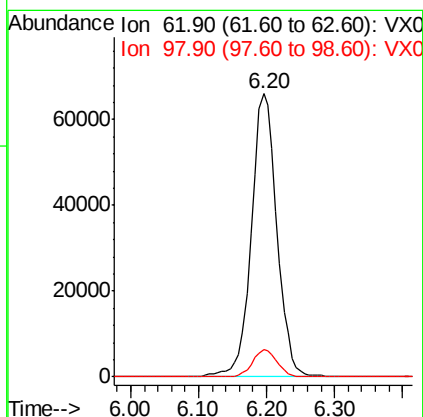
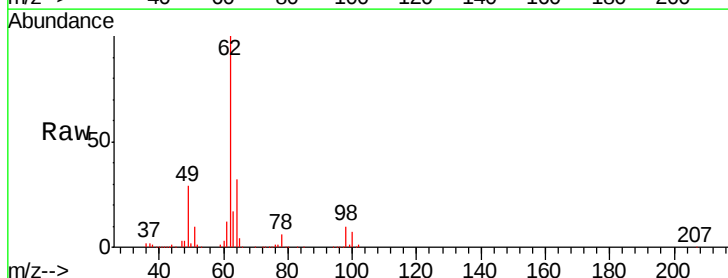
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 57.60 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

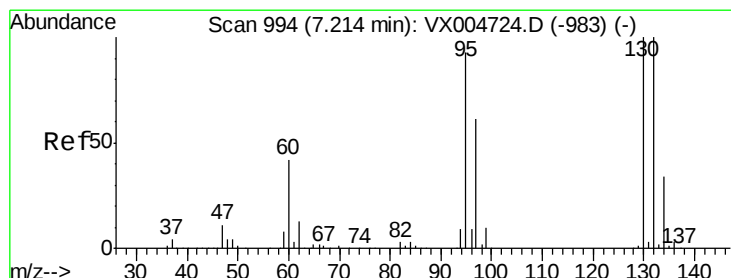
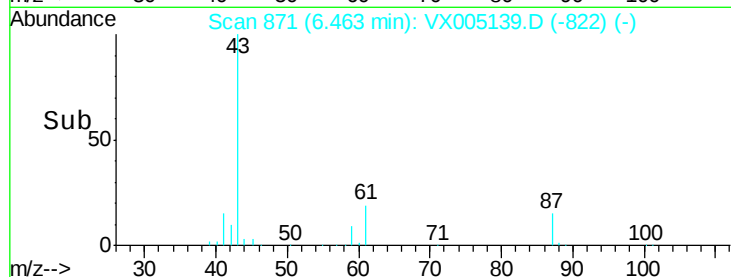
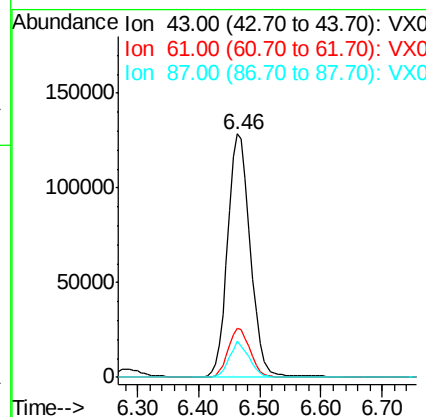
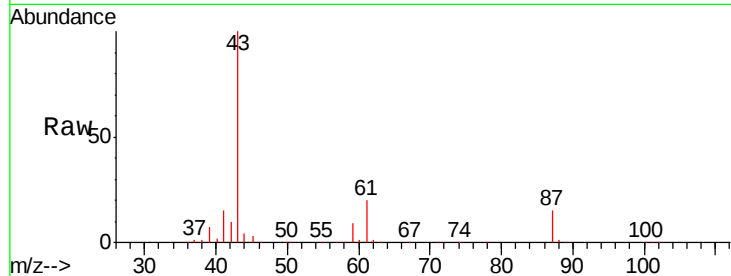
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	326403
Ion	Ratio	Lower	Upper
43	100		
61	19.7	14.2	21.4
87	12.9	9.3	13.9

Manual Integrations
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10/9/2018 1:47:52 PM



#44

Trichloroethene

Concen: 49.46 ug/l

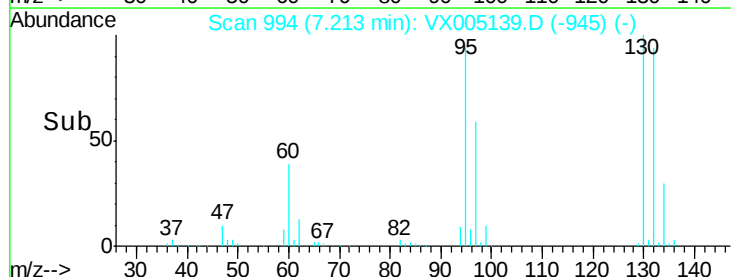
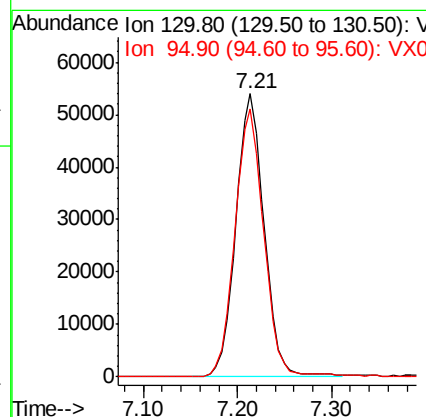
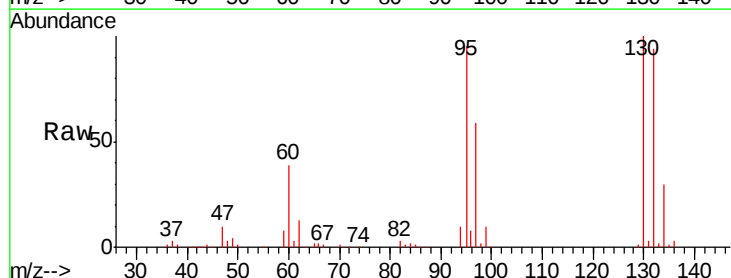
RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	130	Resp:	112596
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	186.8





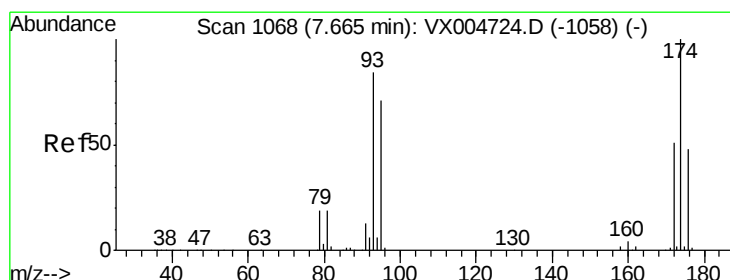
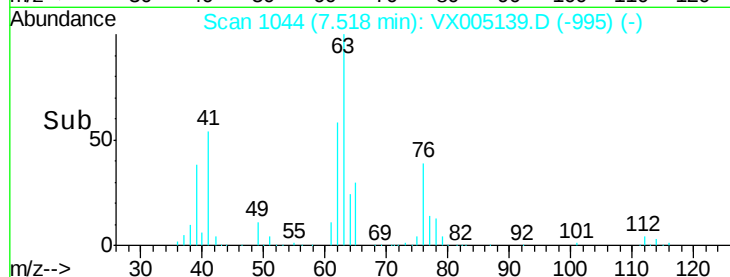
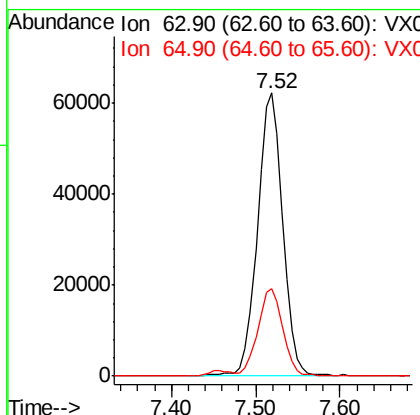
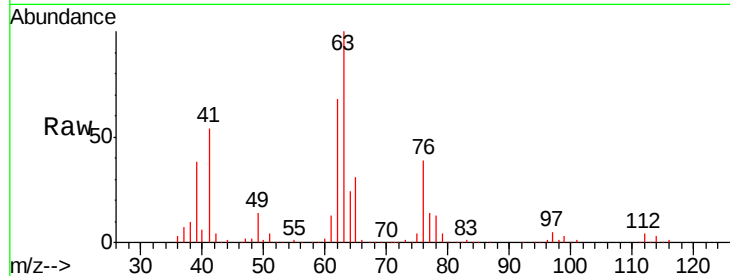
#45
 1,2-Dichloropropane
 Concen: 56.25 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 127736
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.9 35.9

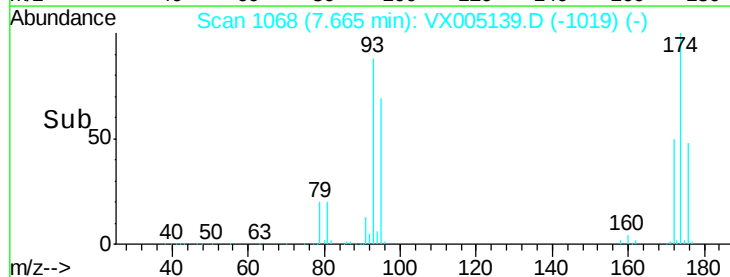
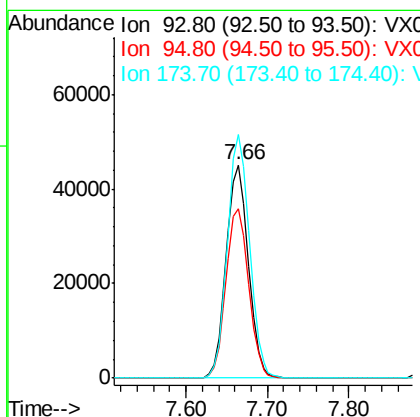
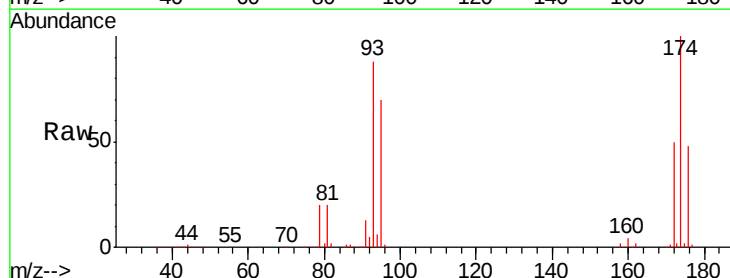
Manual Integrations
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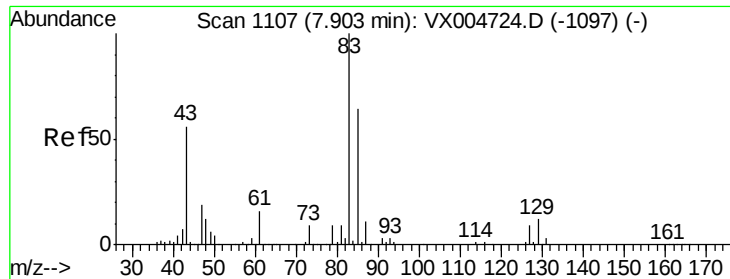
MMDadoda
 10/9/2018 1:47:52 PM



#46
 Dibromomethane
 Concen: 59.38 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion: 93 Resp: 84743
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.7 100.1
 174 113.9 92.7 139.1





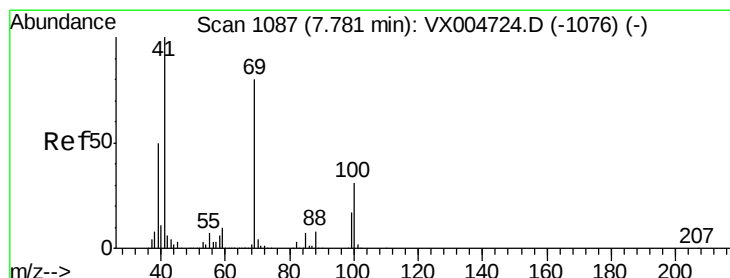
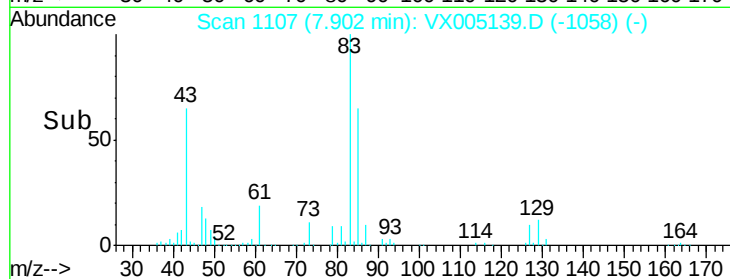
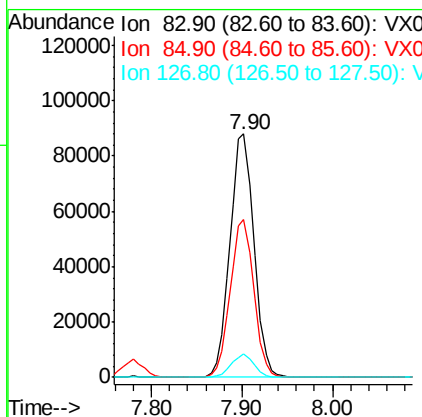
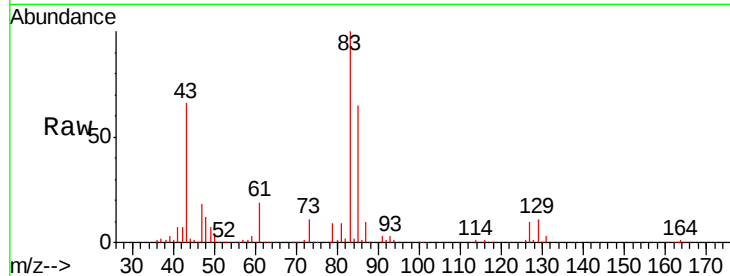
#47
 Bromodichloromethane
 Concen: 60.69 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.2	76.8
127	9.6	7.0	10.6

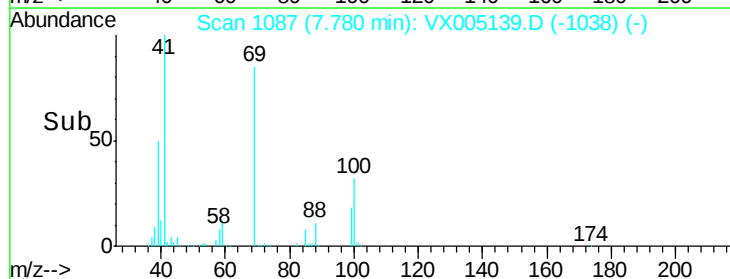
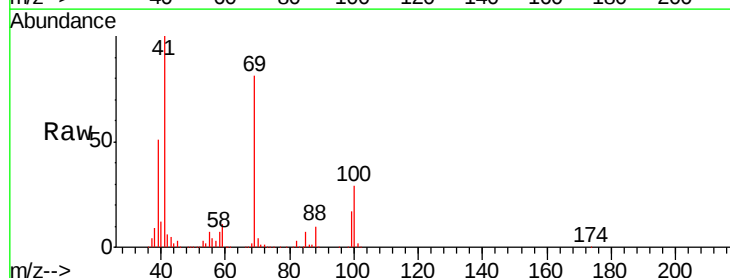
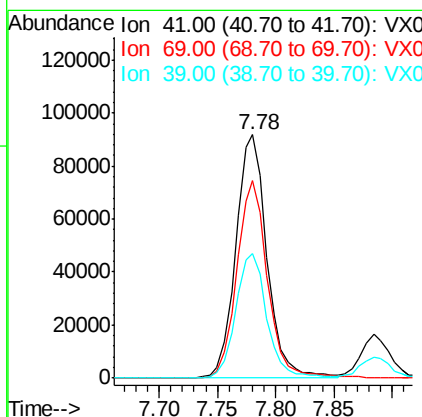
Manual Integrations
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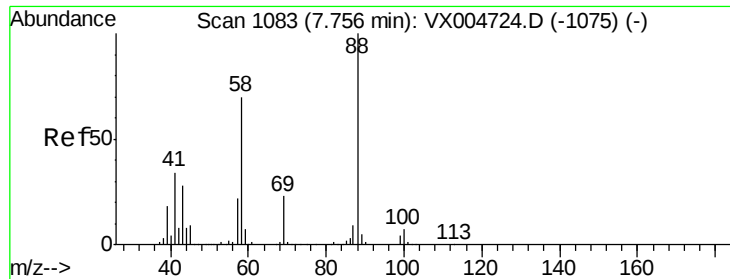
MMDadoda
 10/9/2018 1:47:52 PM



#48
 Methyl methacrylate
 Concen: 66.37 ug/l
 RT: 7.78 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.6	63.8	95.6
39	51.2	40.7	61.1





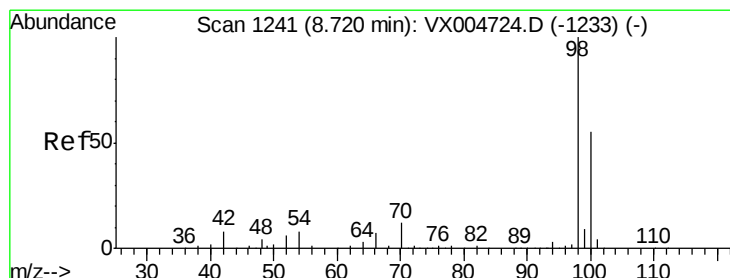
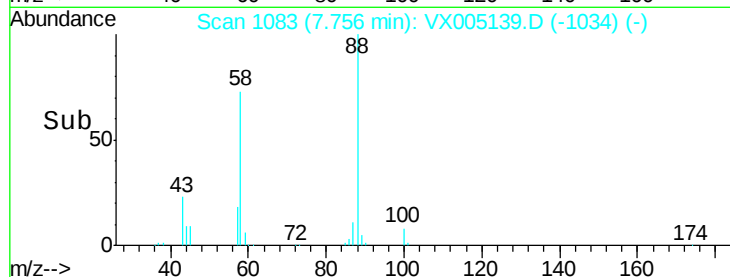
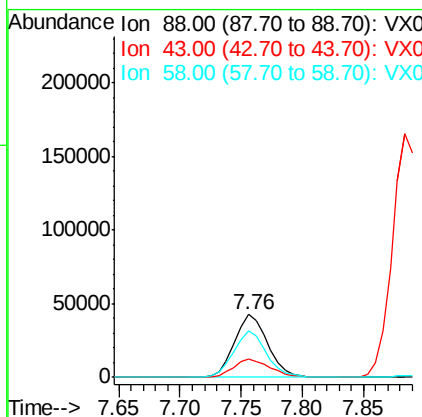
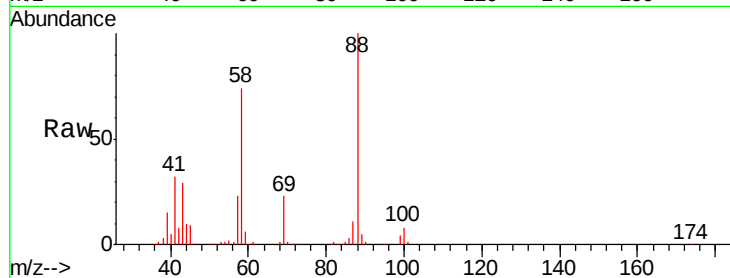
#49
1,4-Dioxane
Concen: 1259.02 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.7	25.1	37.7
58	73.2	56.2	84.2

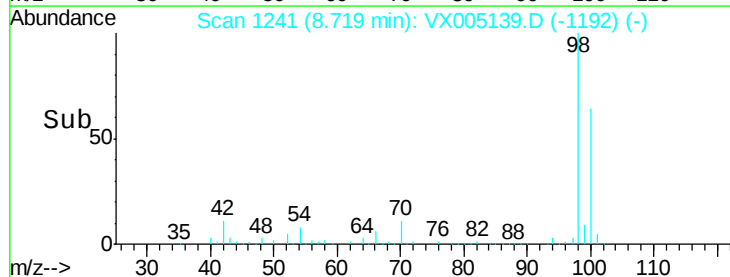
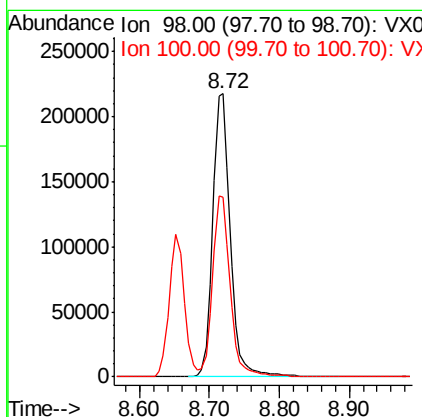
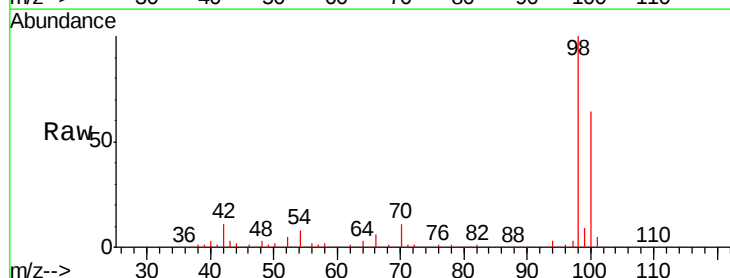
Manual Integrations
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#50
Toluene-d8
Concen: 52.31 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9





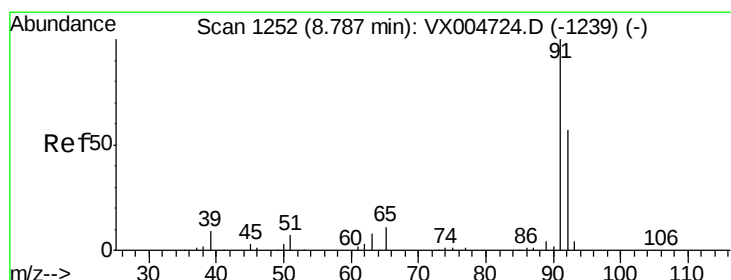
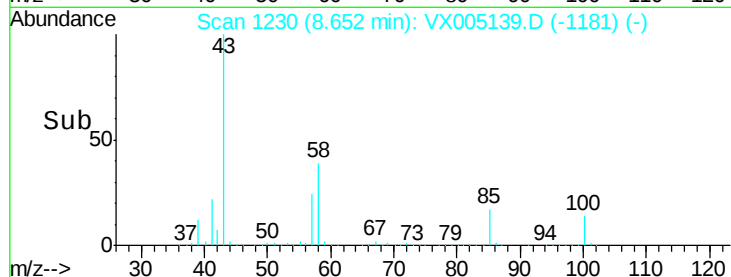
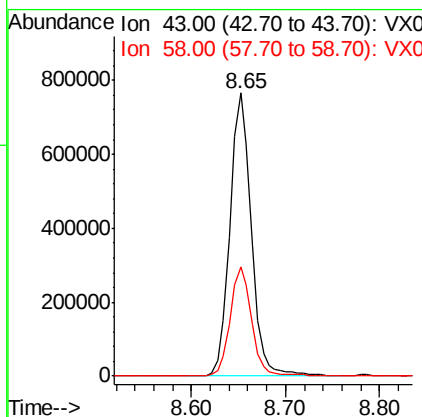
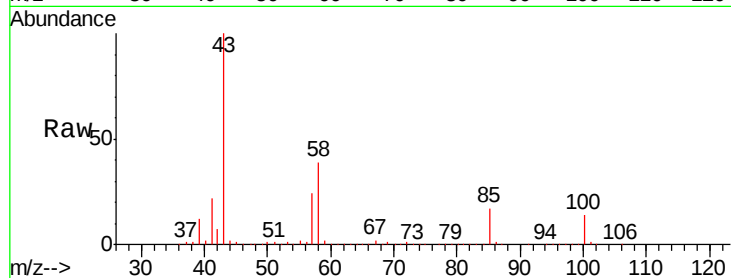
#51
4-Methyl-2-Pentanone
Concen: 338.97 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1209422
Ion Ratio Lower Upper
43 100
58 38.9 30.5 45.7

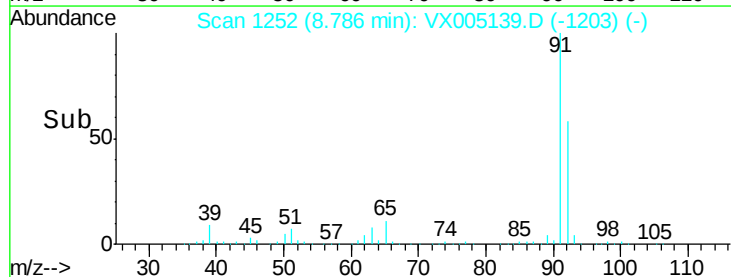
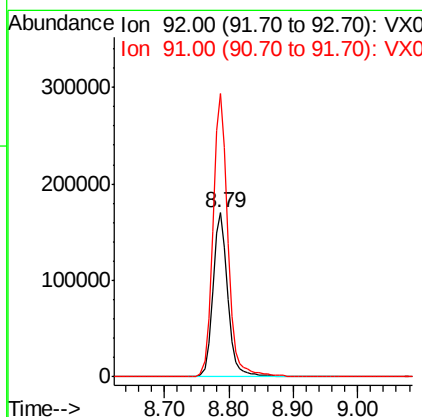
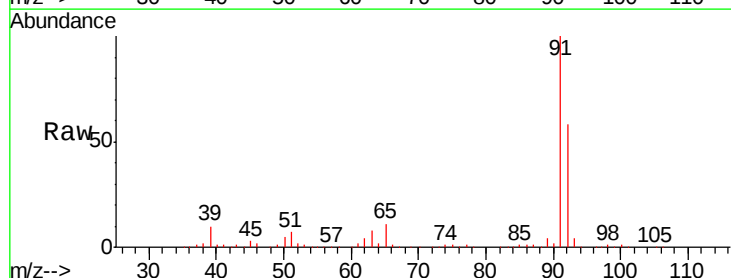
Manual Integrations
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#52
Toluene
Concen: 54.42 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion: 92 Resp: 276877
Ion Ratio Lower Upper
92 100
91 173.4 136.7 205.1





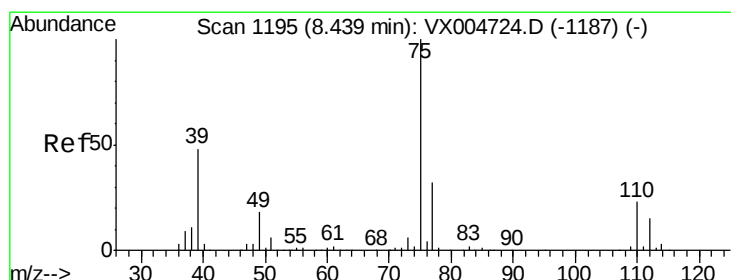
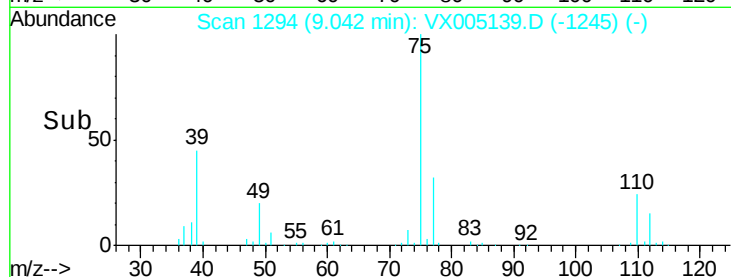
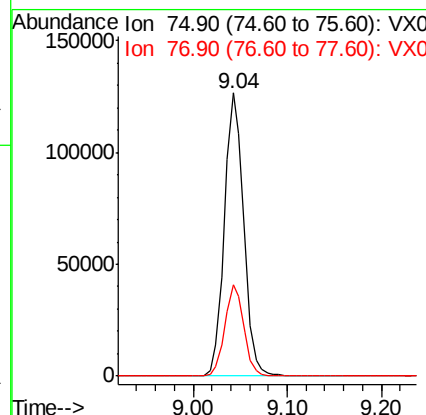
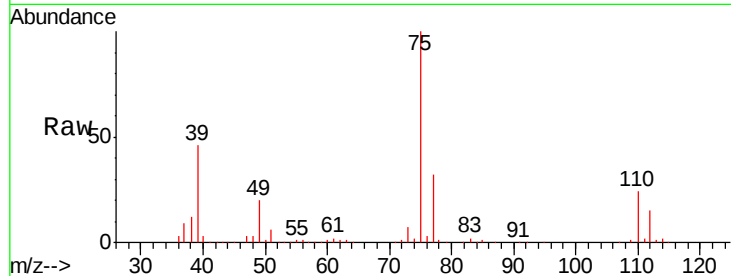
#53
t-1,3-Dichloropropene
Concen: 59.46 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 75 Resp: 179515
Ion Ratio Lower Upper
75 100
77 32.5 28.9 43.3

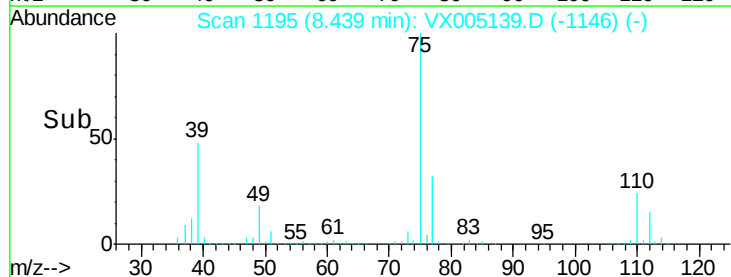
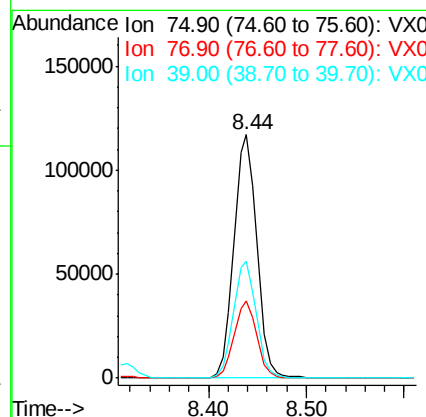
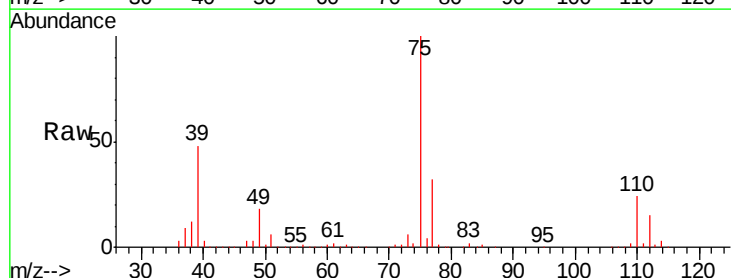
Manual Integrations
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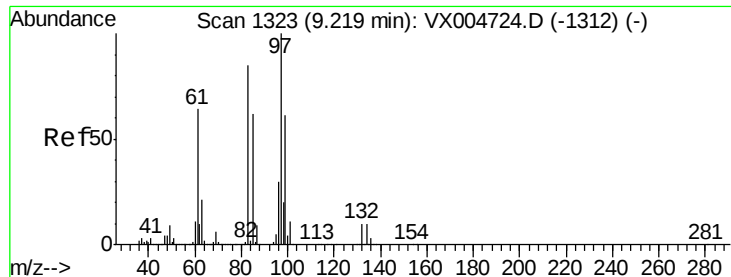
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#54
cis-1,3-Dichloropropene
Concen: 60.24 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion: 75 Resp: 190511
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5
39 47.7 38.3 57.5





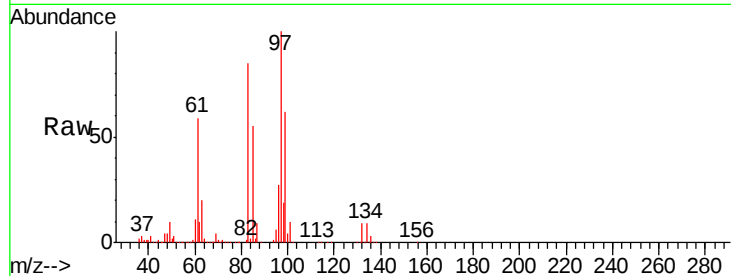
#55
 1,1,2-Trichloroethane
 Concen: 59.13 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

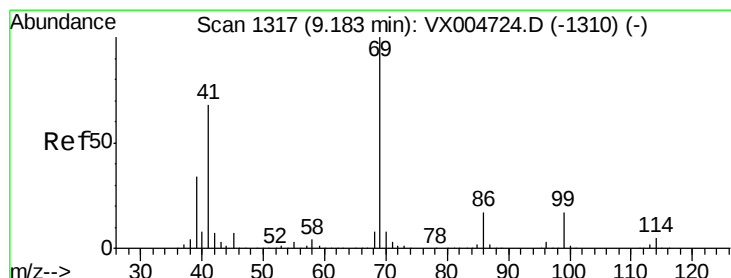
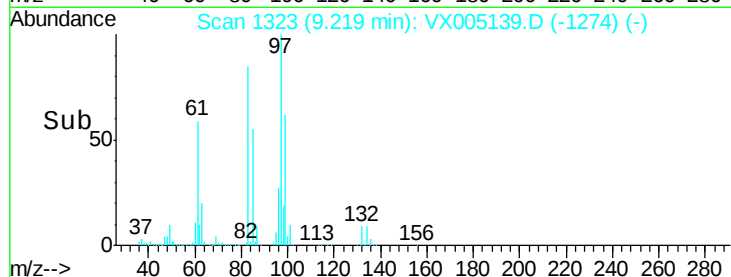
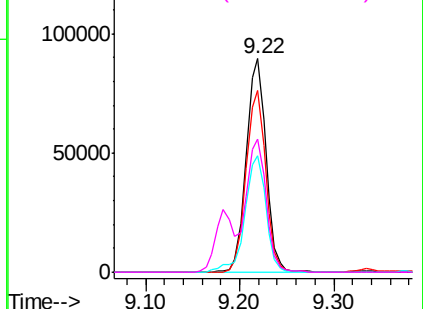
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.2	102.2
85	54.5	49.9	74.9
99	62.3	48.9	73.3

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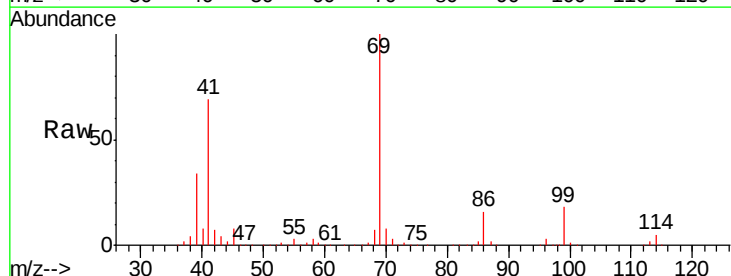


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

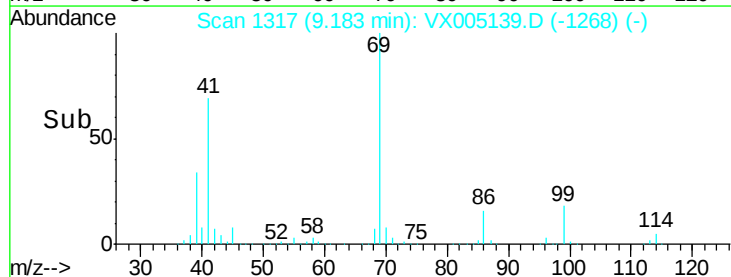
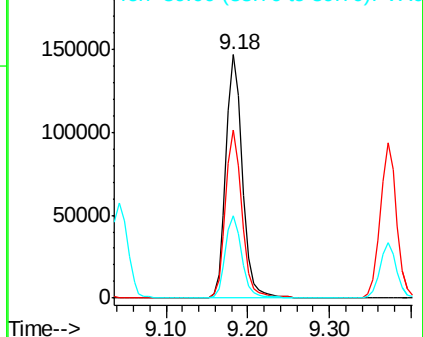


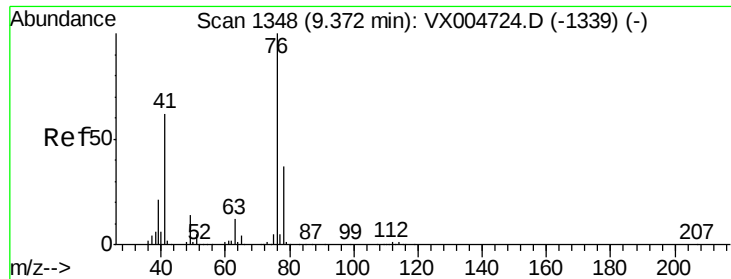
#56
 Ethyl methacrylate
 Concen: 56.56 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.9	85.3
39	33.7	28.4	42.6



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





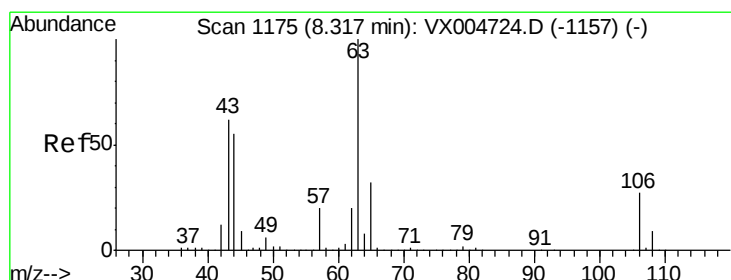
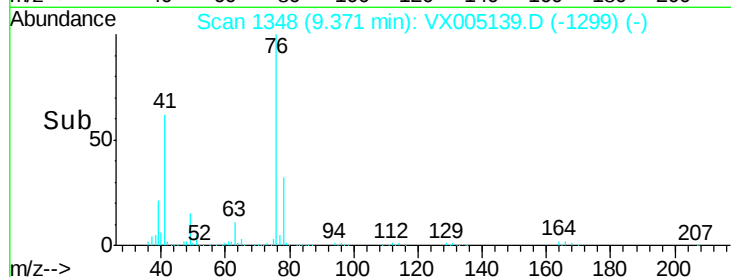
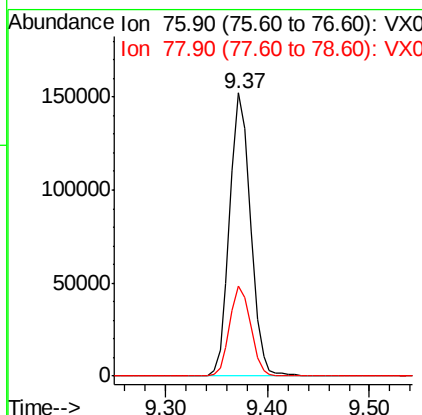
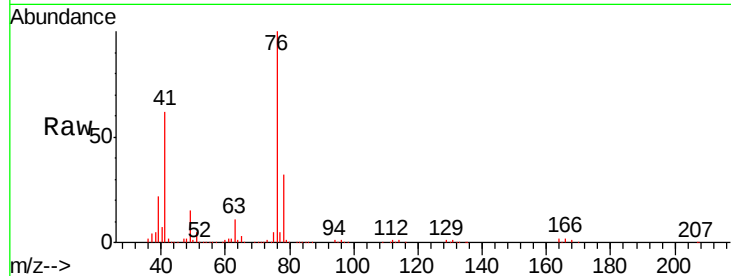
#57
 1,3-Dichloropropane
 Concen: 58.26 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 216101
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0

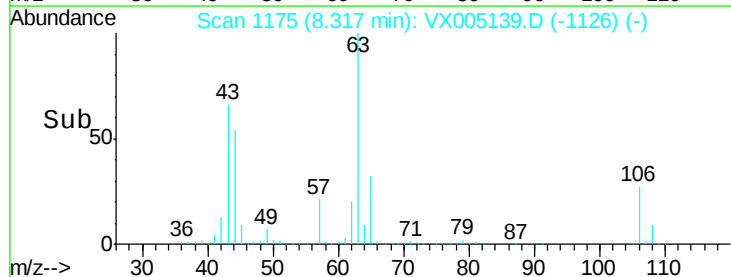
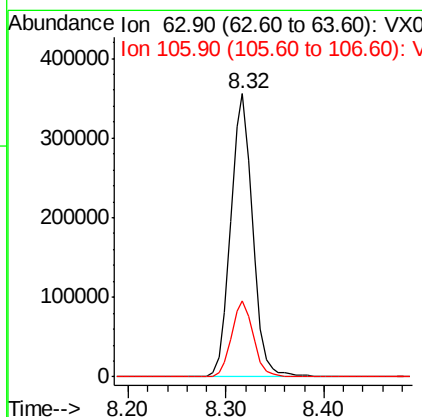
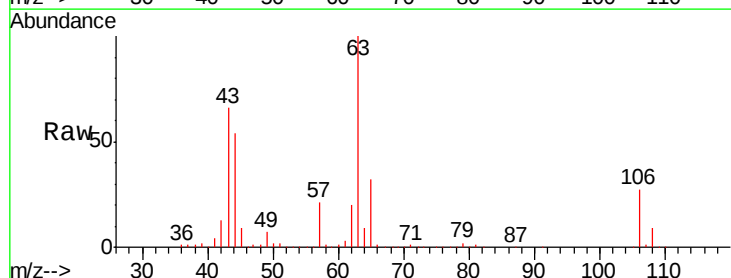
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#58
 2-Chloroethyl Vinyl ether
 Concen: 285.60 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion: 63 Resp: 552571
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.0 31.6





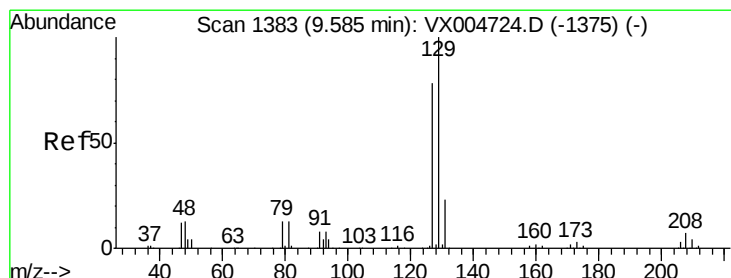
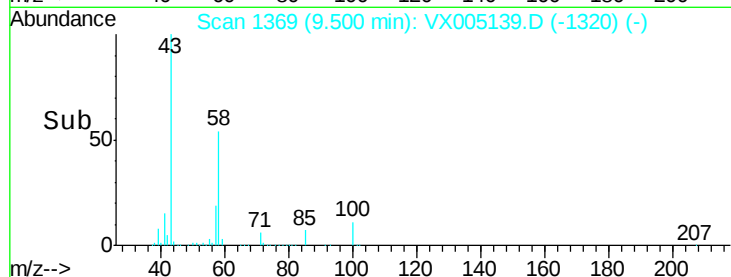
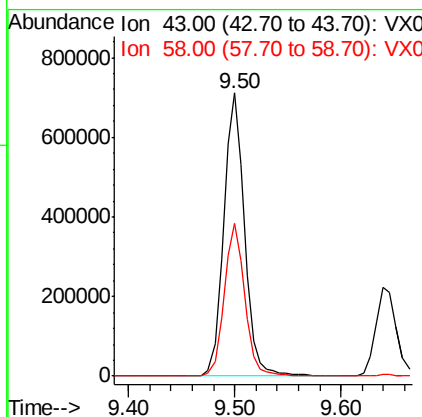
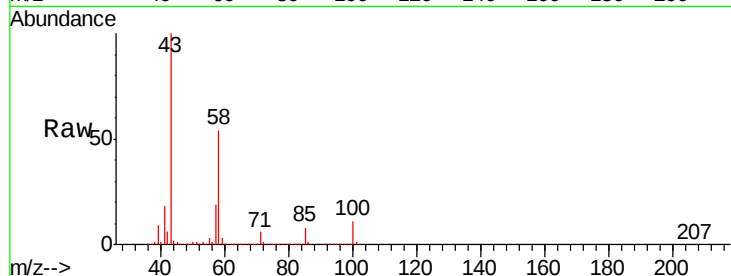
#59
2-Hexanone
Concen: 326.50 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 970760
Ion Ratio Lower Upper
43 100
58 53.4 28.4 85.3

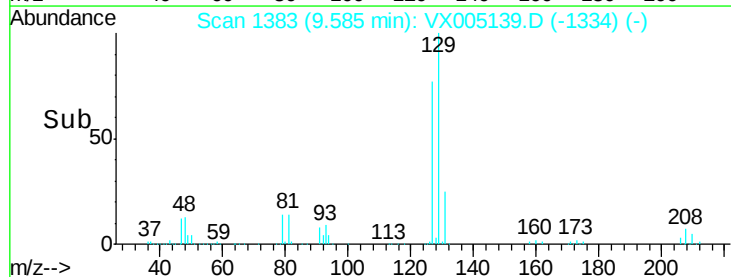
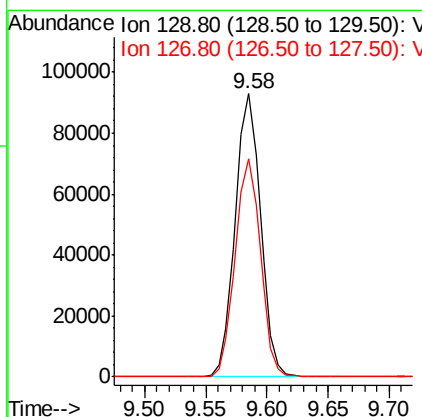
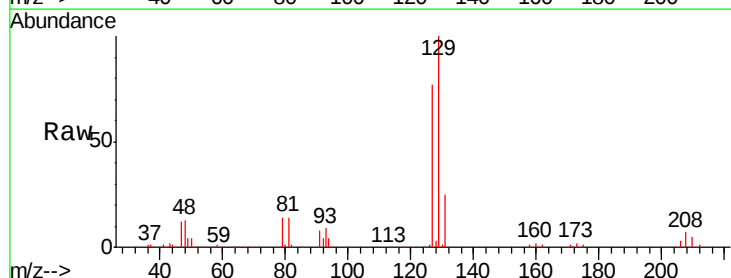
Manual Integrations
APPROVED

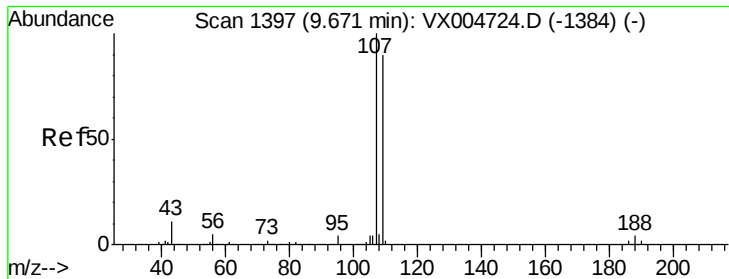
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#60
Dibromochloromethane
Concen: 59.97 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion: 129 Resp: 133667
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2





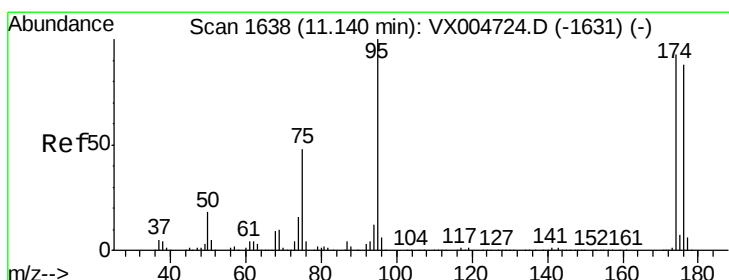
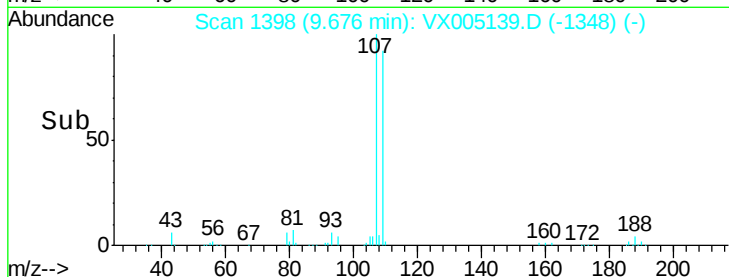
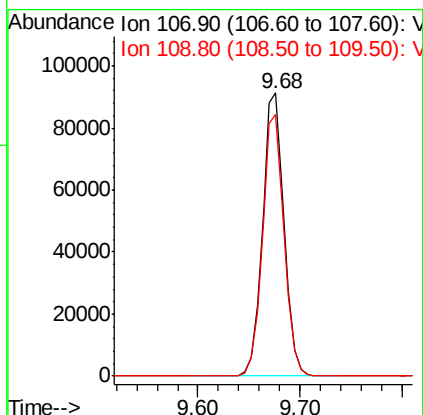
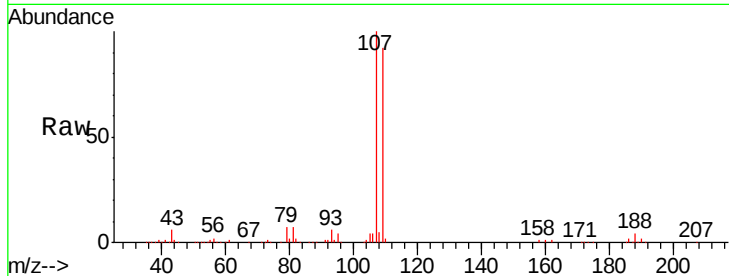
#61
 1,2-Dibromoethane
 Concen: 55.94 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 133524
 Ion Ratio Lower Upper
 107 100
 109 93.3 72.1 108.1

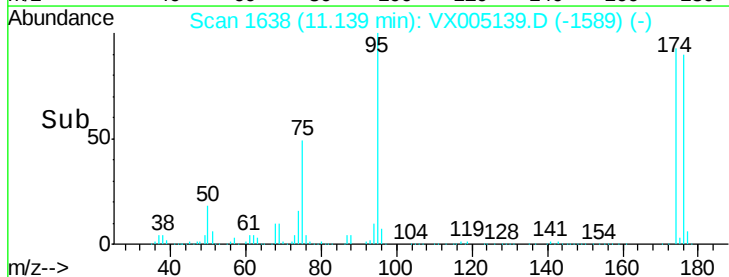
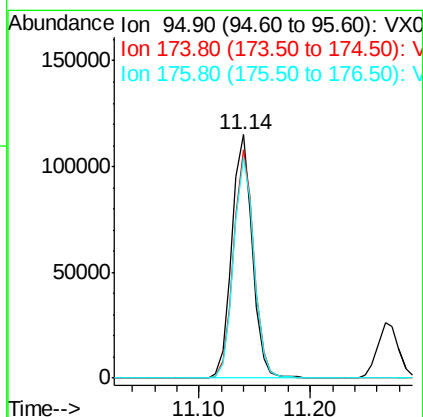
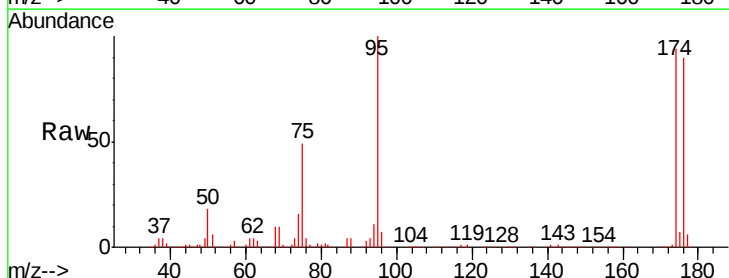
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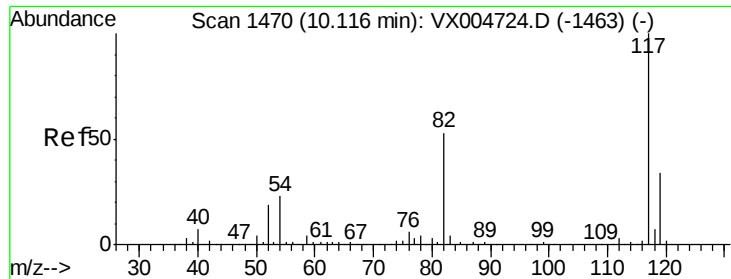
MMDadoda
 10/9/2018 1:47:52 PM



#62
 4-Bromofluorobenzene
 Concen: 56.67 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion: 95 Resp: 147140
 Ion Ratio Lower Upper
 95 100
 174 92.8 0.0 185.0
 176 90.1 0.0 180.2





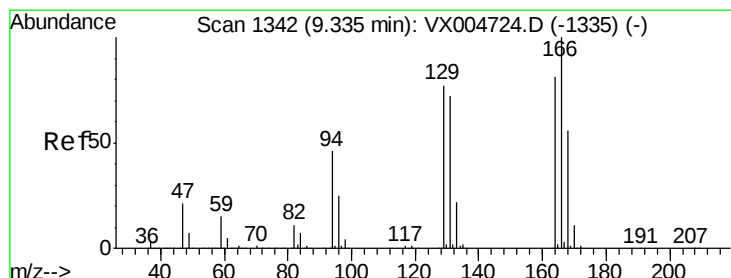
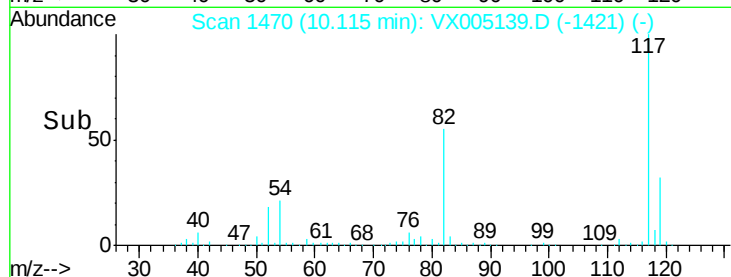
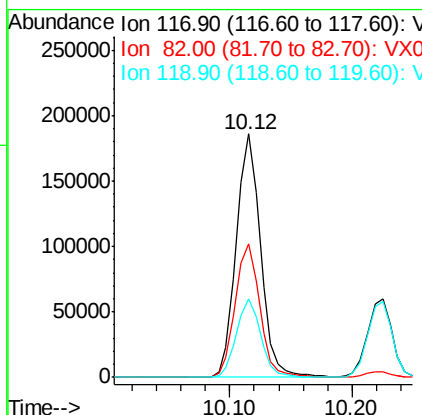
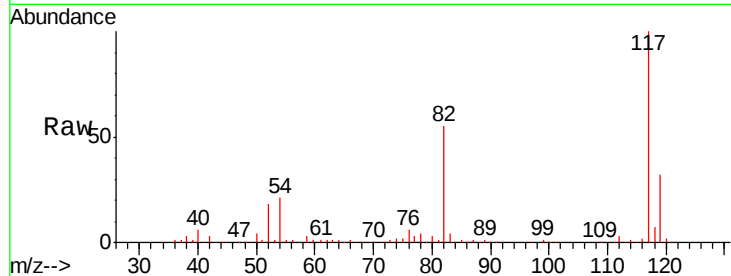
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	256542		
82	54.7	42.2	63.4	
119	32.3	27.4	41.0	

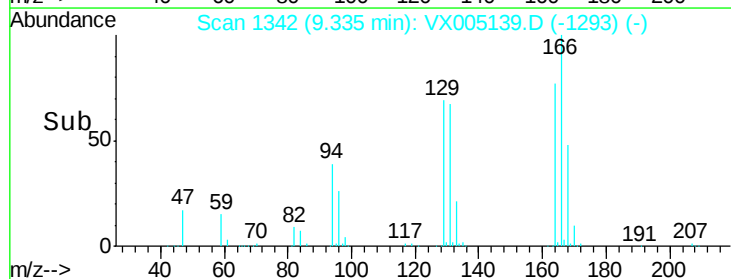
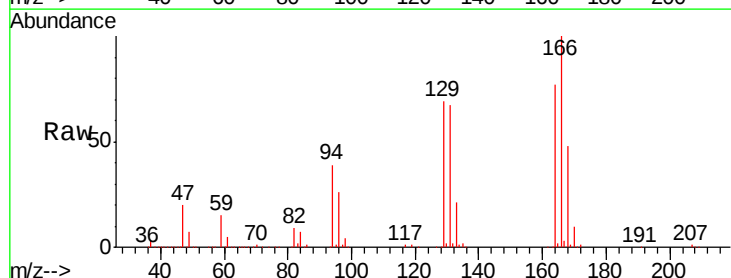
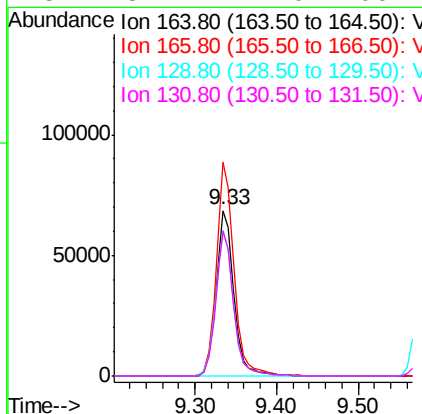
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#64
Tetrachloroethene
Concen: 42.04 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106157		
166	129.1	98.4	147.6	
129	88.5	76.1	114.1	
131	87.1	71.0	106.4	





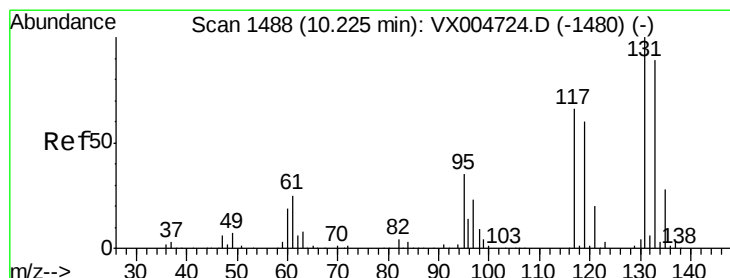
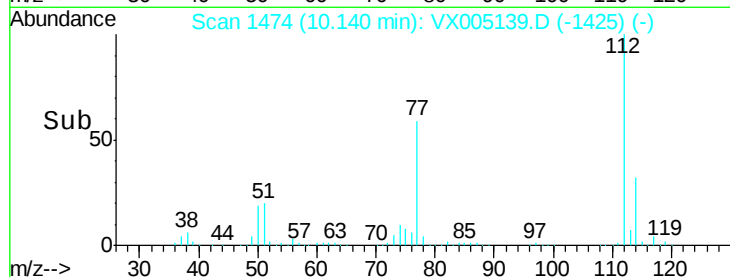
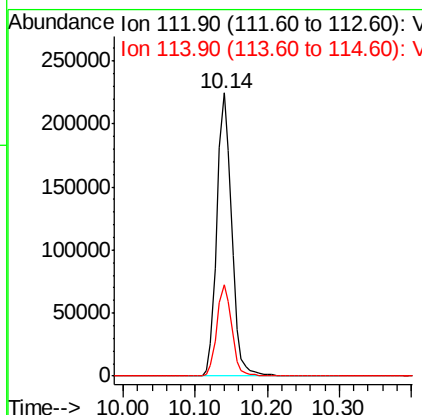
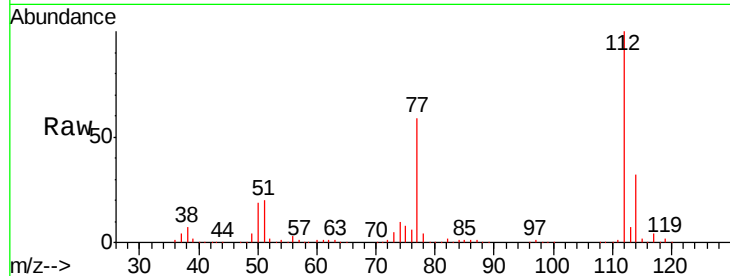
#65
Chlorobenzene
Concen: 48.54 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:112 Resp: 319346
Ion Ratio Lower Upper
112 100
114 32.3 26.7 40.1

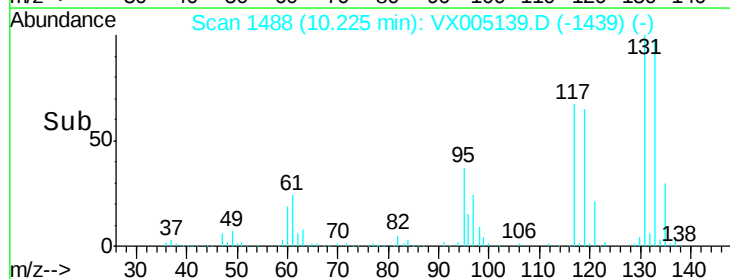
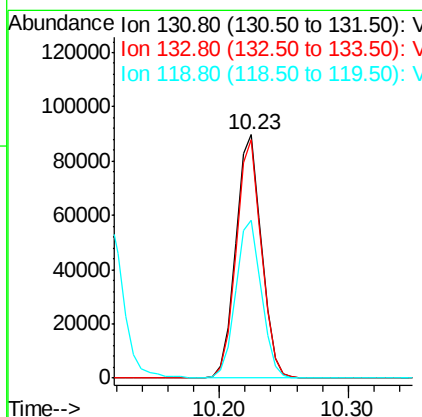
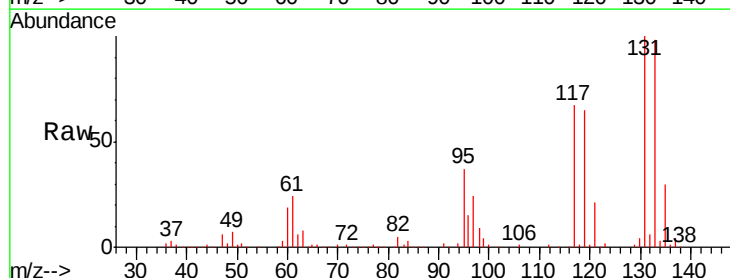
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.88 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion:131 Resp: 124616
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.0
119 64.8 32.3 96.8





#67

Ethyl Benzene

Concen: 49.62 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 518222

Ion Ratio Lower Upper

91 100

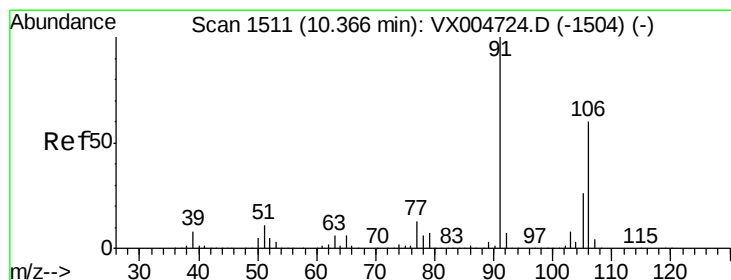
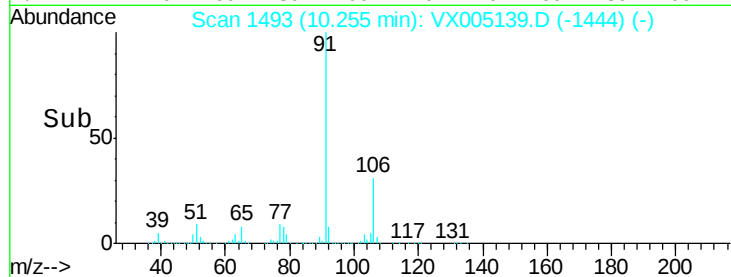
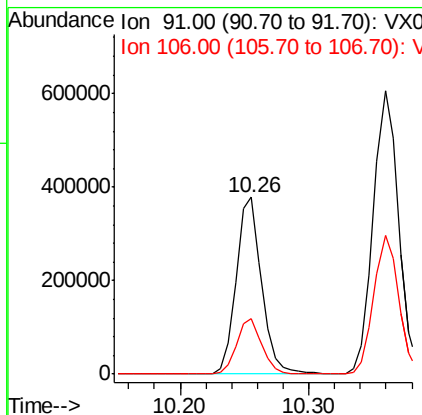
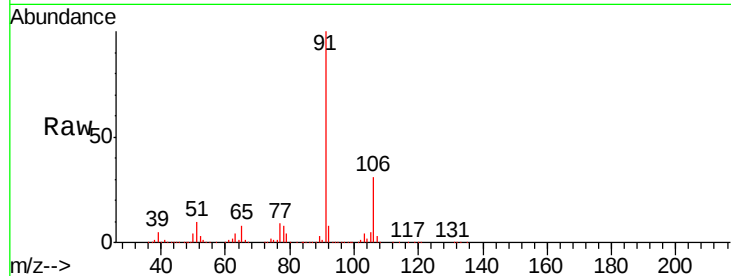
106 31.1 26.9 40.3

Manual Integrations

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10/9/2018 1:47:52 PM



#68

m/p-Xylenes

Concen: 99.07 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005139.D

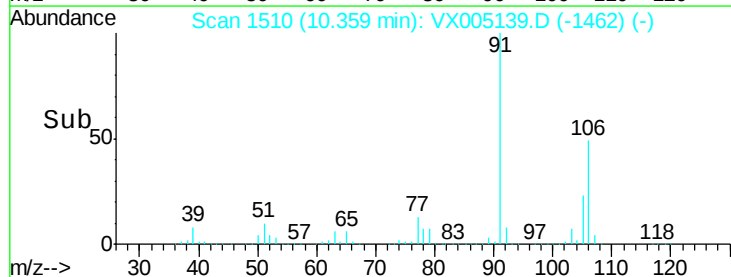
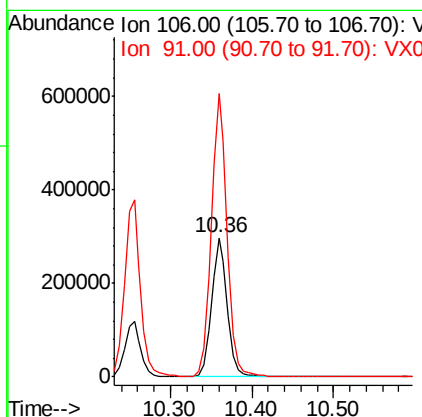
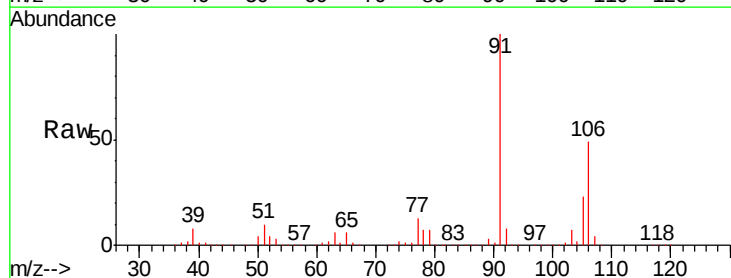
Acq: 08 Oct 2018 20:56

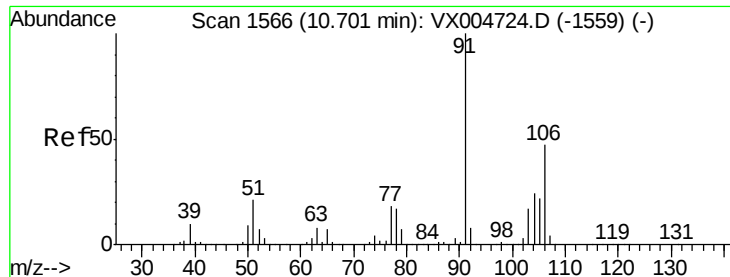
Tgt Ion: 106 Resp: 404349

Ion Ratio Lower Upper

106 100

91 205.4 157.5 236.3





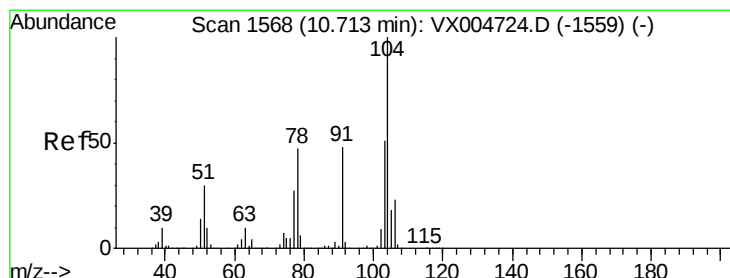
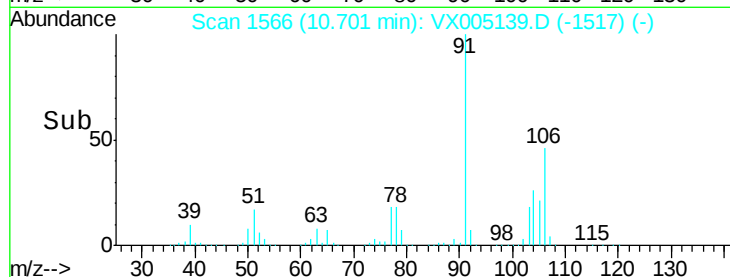
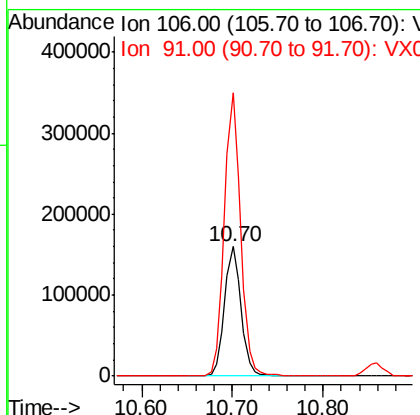
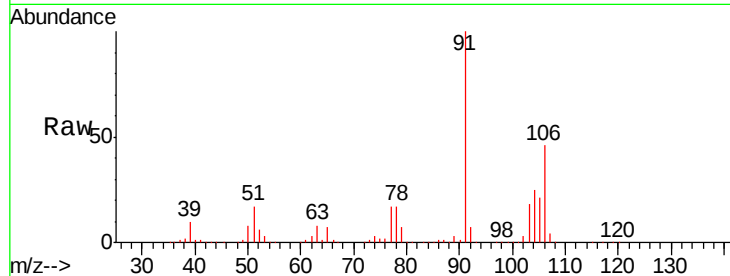
#69
o-Xylene
Concen: 54.45 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 204115
Ion Ratio Lower Upper
106 100
91 215.3 108.3 324.8

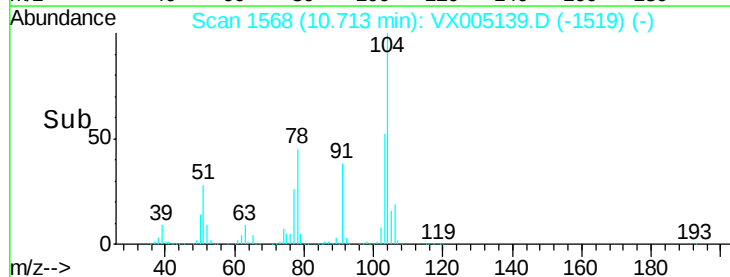
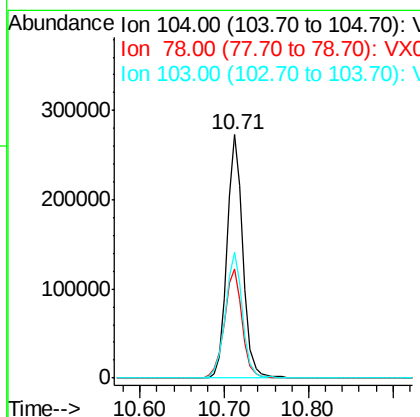
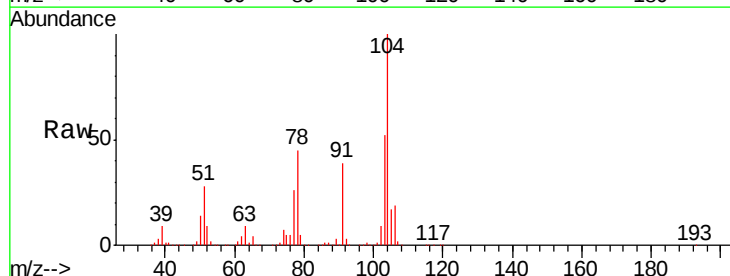
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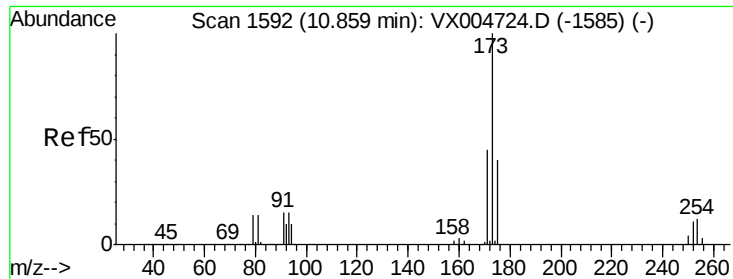
MMDadoda
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#70
Styrene
Concen: 50.79 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion:104 Resp: 356352
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 55.5 44.3 66.5





#71

Bromoform

Concen: 58.21 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 115261

Ion Ratio Lower Upper

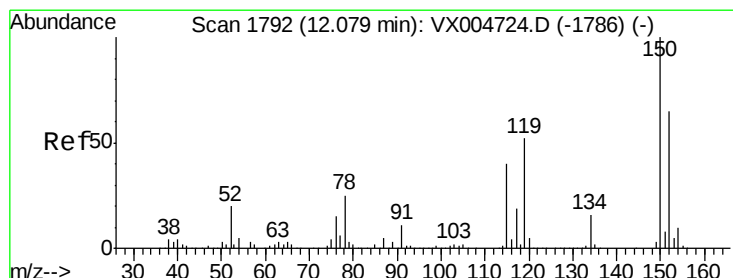
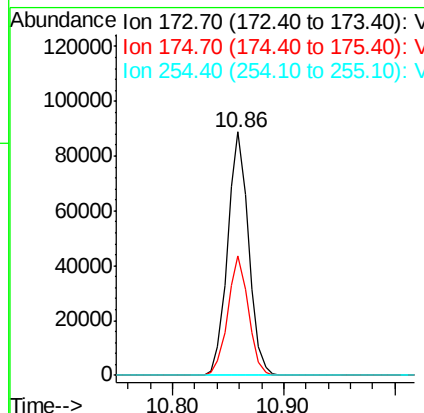
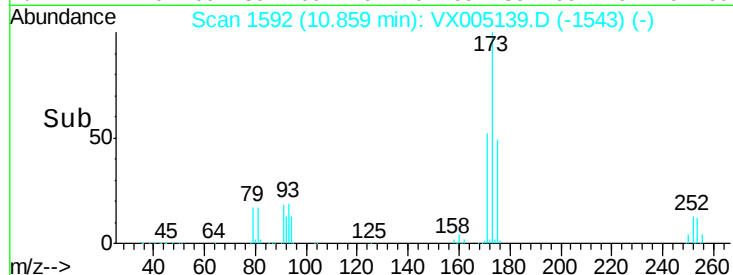
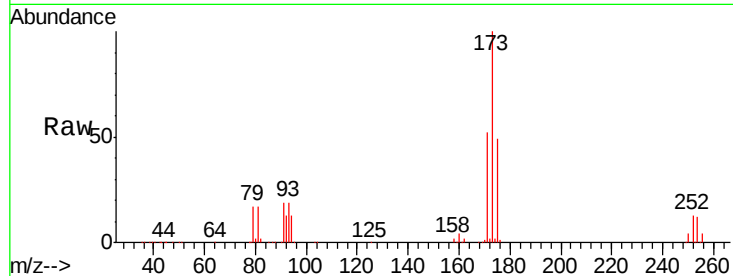
173 100

175 48.2 23.3 69.8

254 0.1 0.2 0.2#

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10/9/2018 1:47:52 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

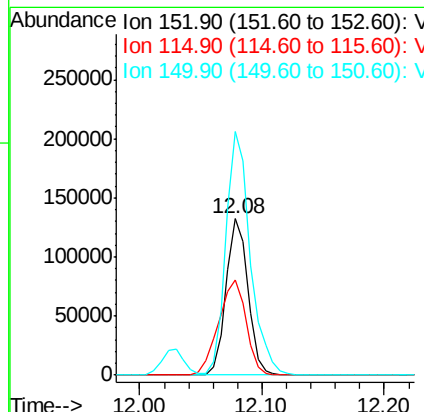
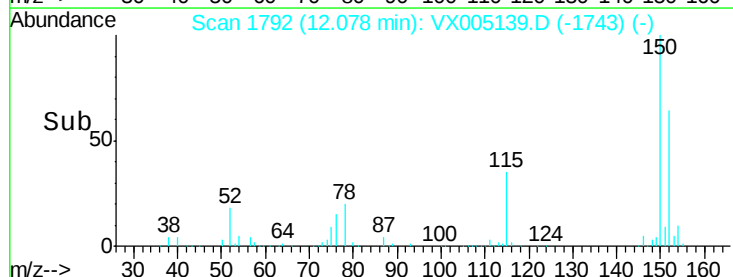
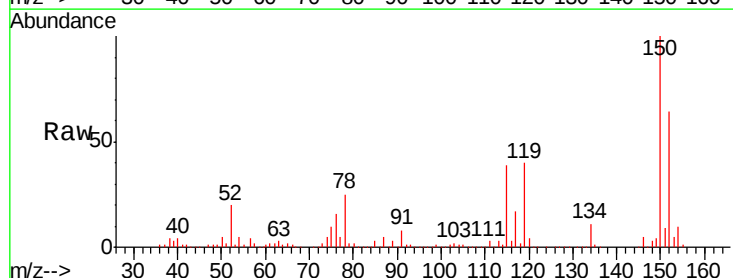
Tgt Ion:152 Resp: 163413

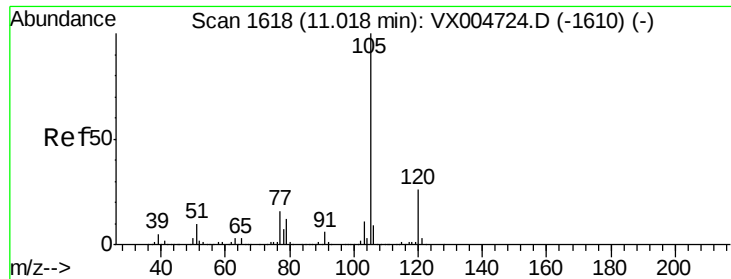
Ion Ratio Lower Upper

152 100

115 77.3 40.2 120.6

150 173.6 0.0 351.0





#73

Isopropylbenzene

Concen: 50.40 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 519113

Ion Ratio Lower Upper

105 100

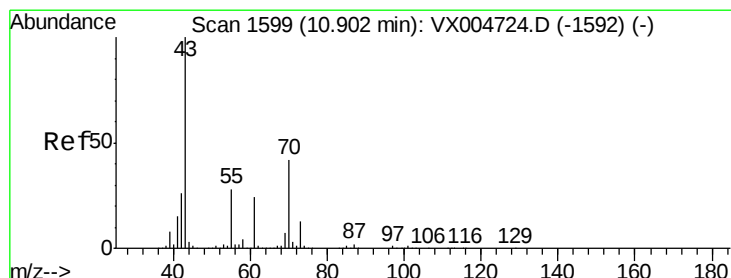
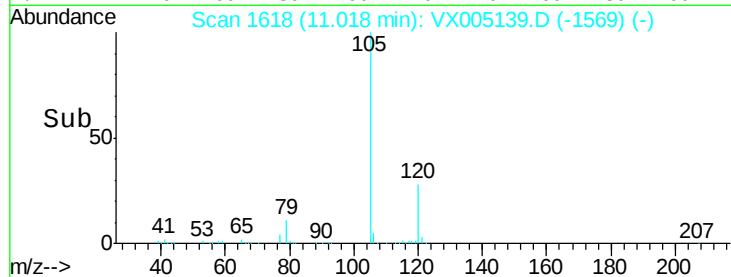
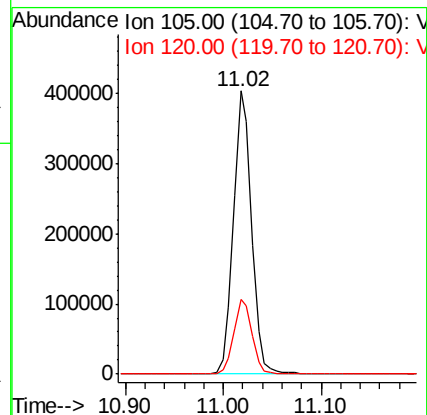
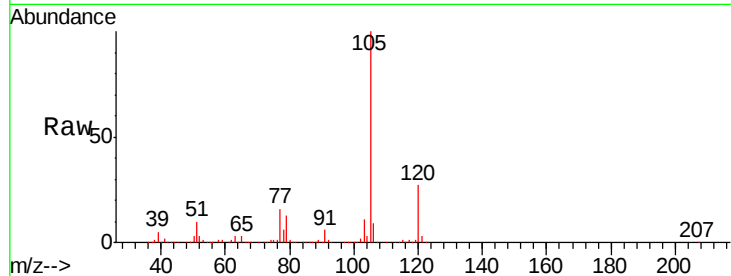
120 26.7 13.2 39.5

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#74

N-ethyl acetate

Concen: 53.14 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion: 43 Resp: 301503

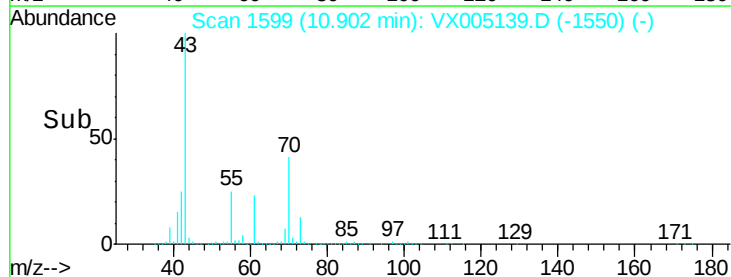
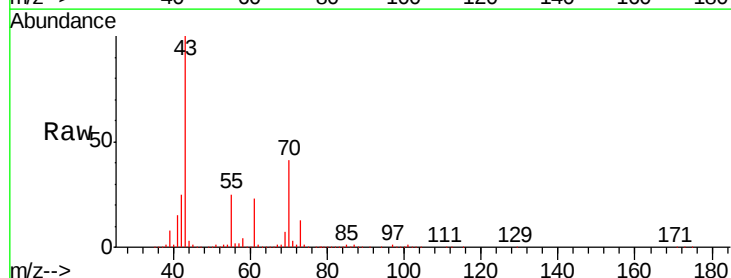
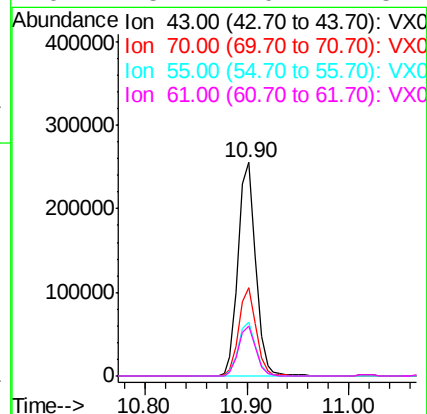
Ion Ratio Lower Upper

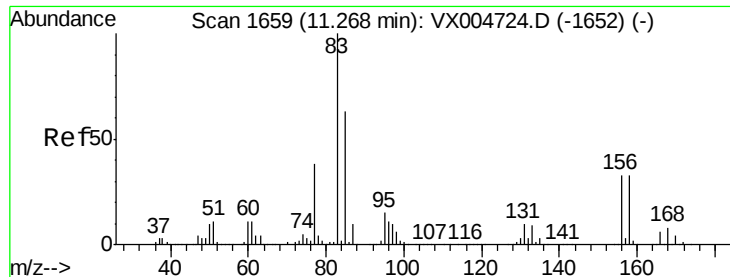
43 100

70 40.5 32.6 48.8

55 25.1 21.6 32.4

61 23.1 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 54.21 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

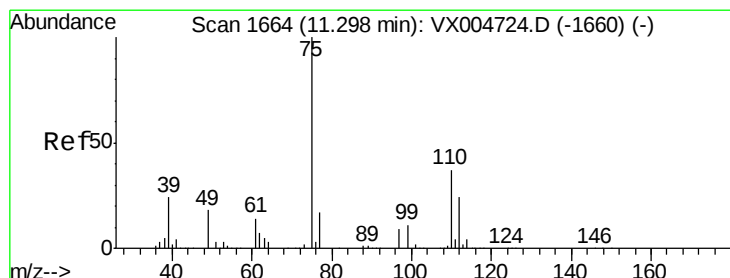
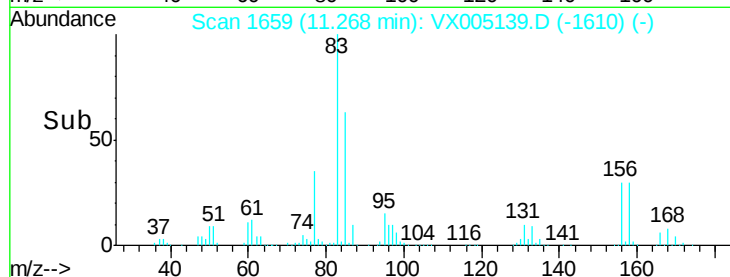
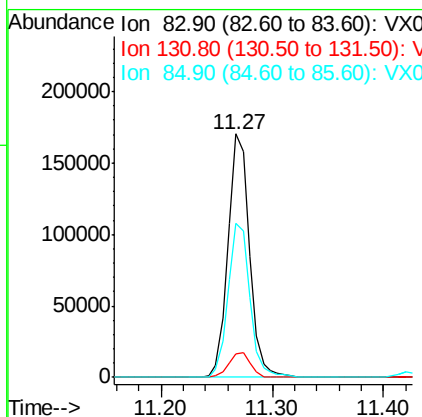
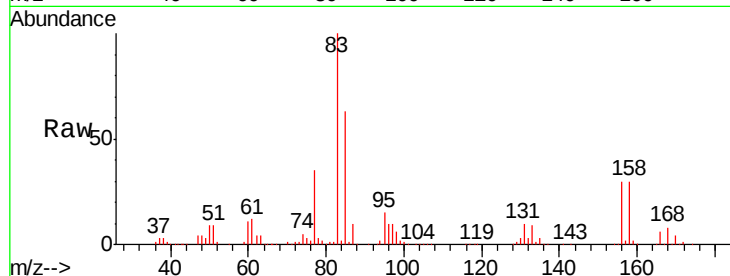
ClientSampled :

VSTDCCC050

Tgt Ion:	83	Resp:	227287
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.6	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 55.99 ug/l m

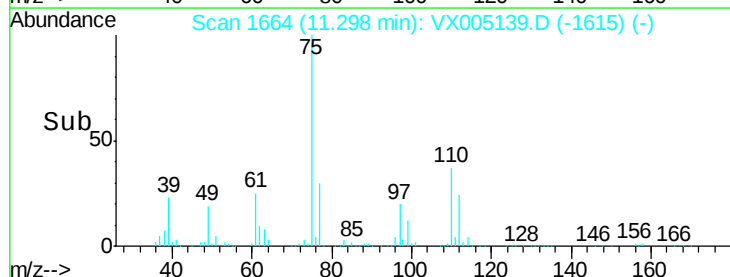
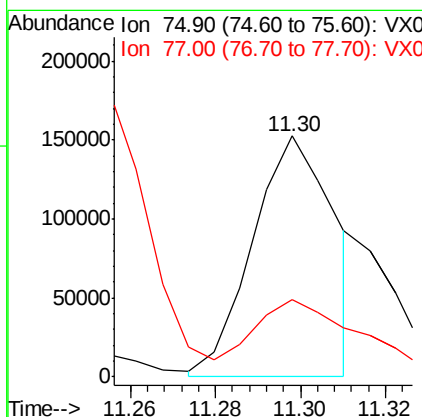
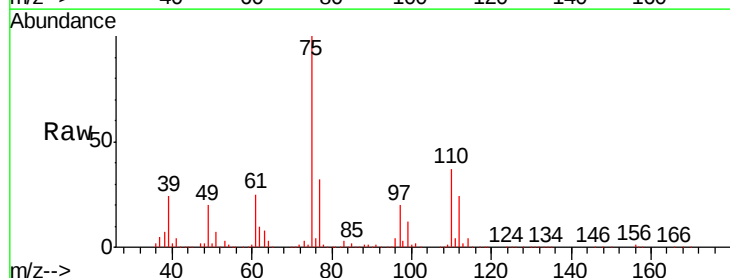
RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	75	Resp:	205077
Ion Ratio	Lower	Upper	
75	100		
77	41.7	21.4	64.3





#77

Bromobenzene

Concen: 52.10 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

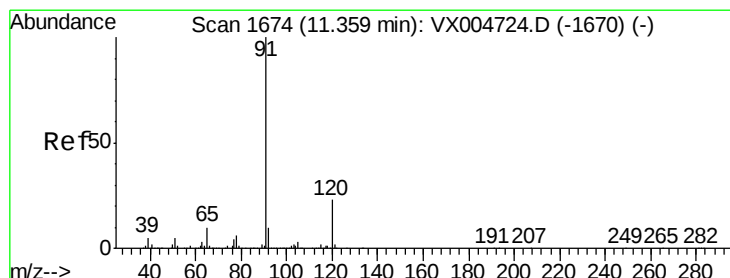
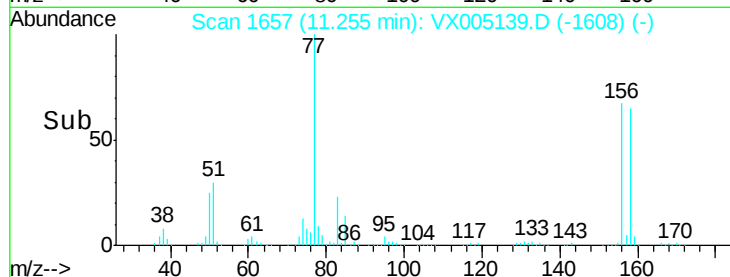
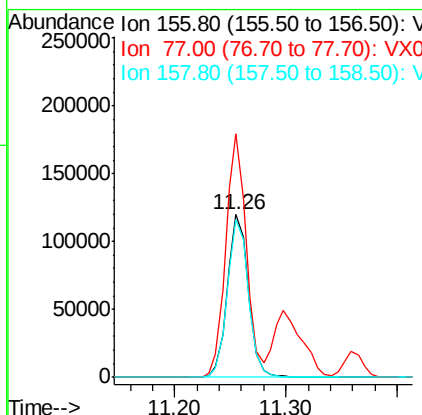
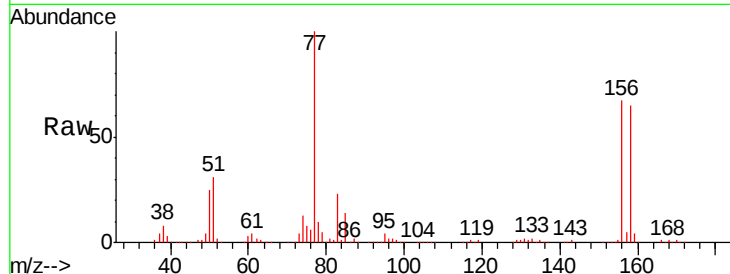
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	155866
Ion Ratio	Lower	Upper	
156	100		
77	146.4	73.4	220.2
158	97.5	49.1	147.4

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#78

n-propylbenzene

Concen: 50.33 ug/l

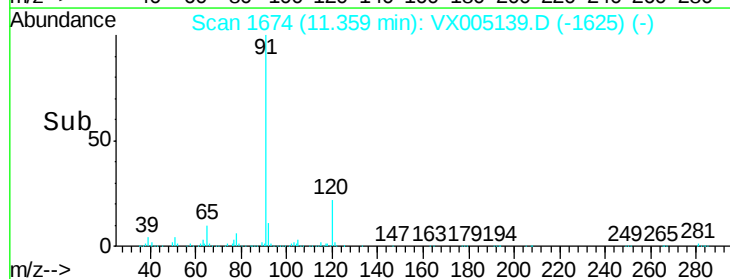
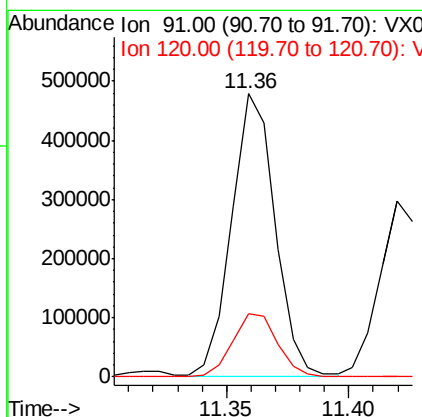
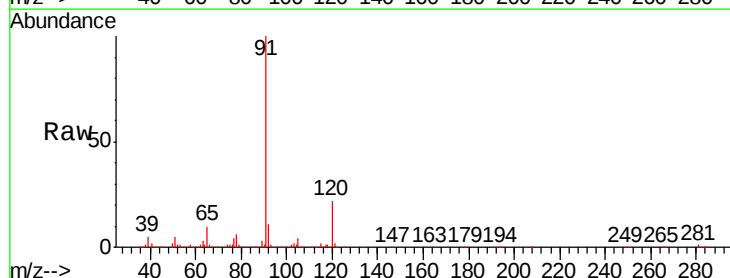
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	91	Resp:	594822
Ion Ratio	Lower	Upper	
91	100		
120	23.2	12.0	36.0





#79

2-Chlorotoluene

Concen: 52.28 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 385085

Ion Ratio Lower Upper

91 100

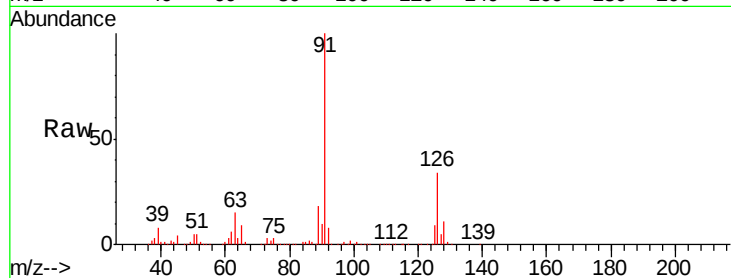
126 34.1 17.6 52.9

Manual Integrations

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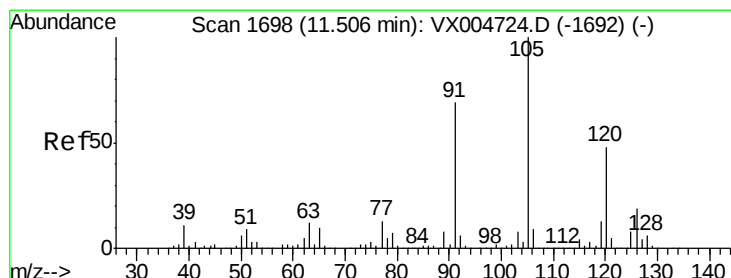
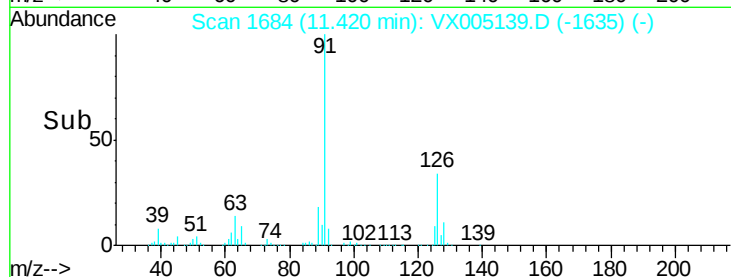
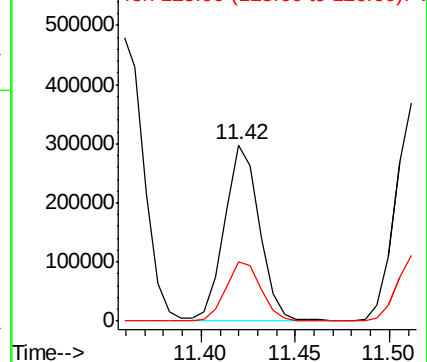
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.53 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005139.D

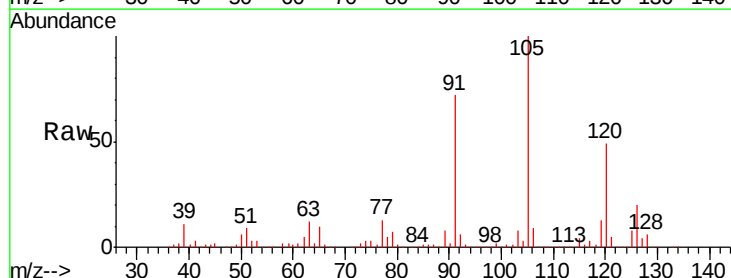
Acq: 08 Oct 2018 20:56

Tgt Ion: 105 Resp: 448828

Ion Ratio Lower Upper

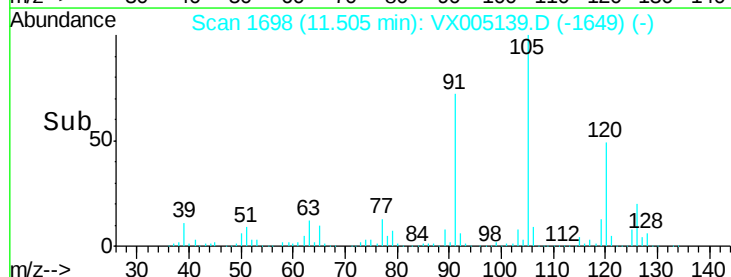
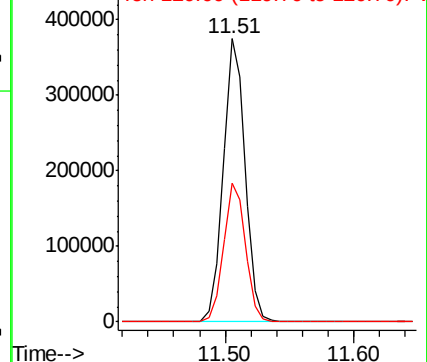
105 100

120 49.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.26 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

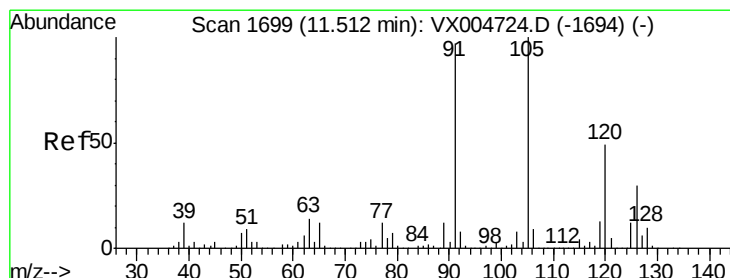
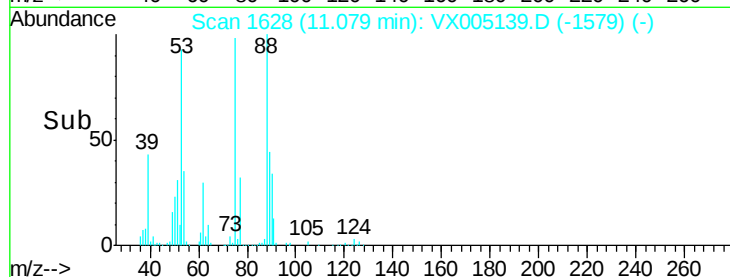
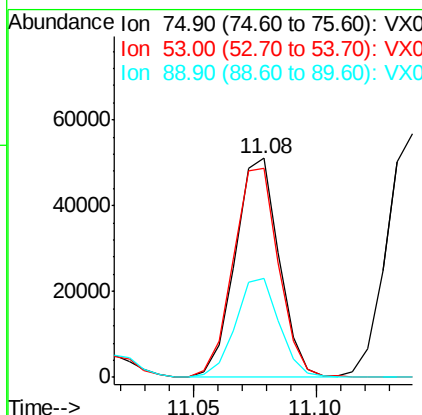
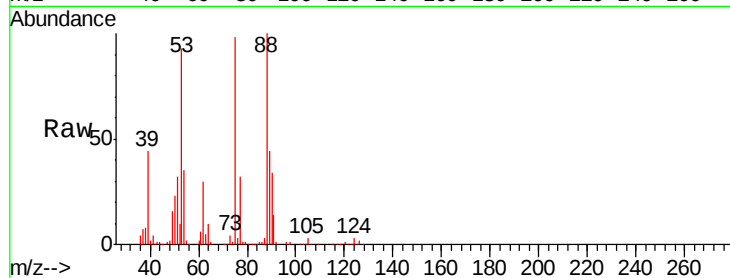
ClientSampleId :

VSTDCCC050

Tgt Ion:	75	Resp:	63308
Ion	Ratio	Lower	Upper
75	100		
53	98.9	80.2	120.4
89	45.9	37.1	55.7

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#82

4-Chlorotoluene

Concen: 51.30 ug/l

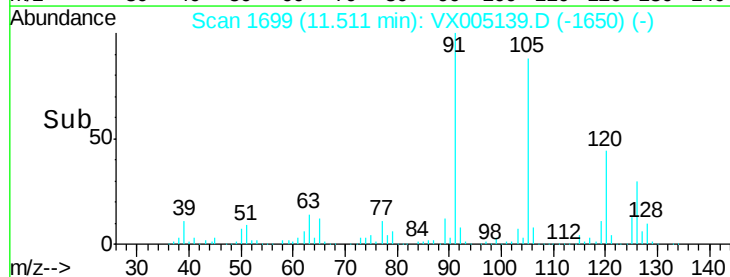
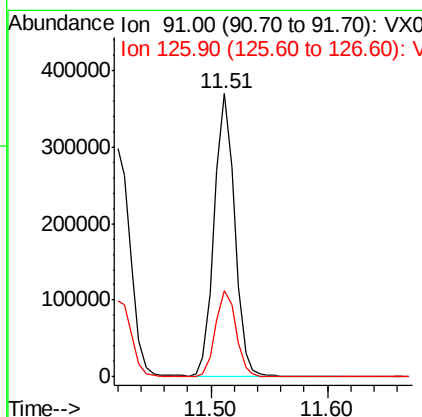
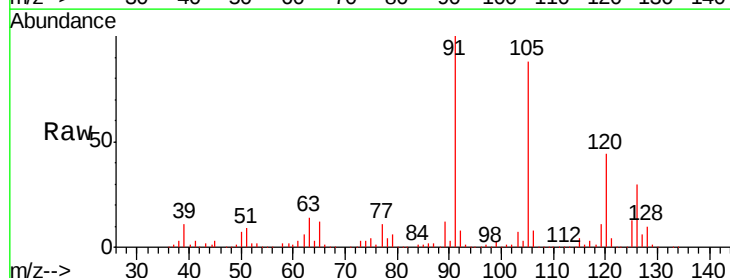
RT: 11.51 min Scan# 1699

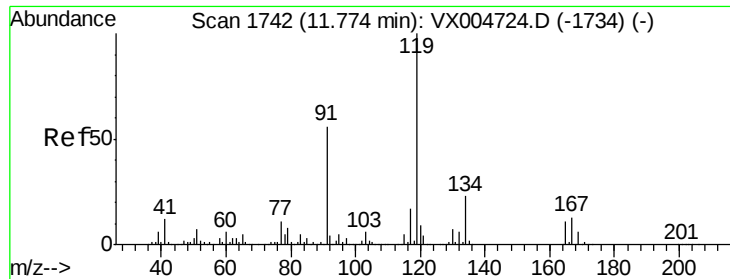
Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	91	Resp:	444836
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.5	46.5





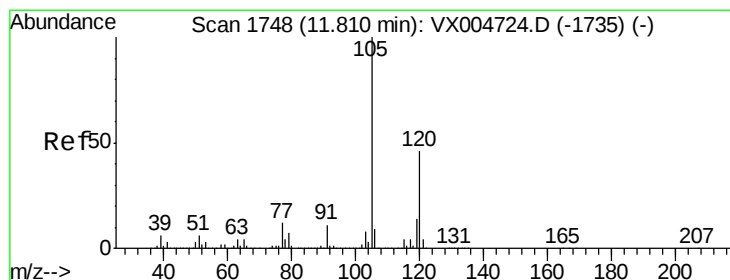
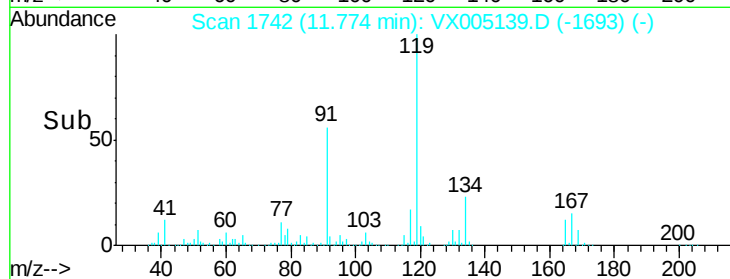
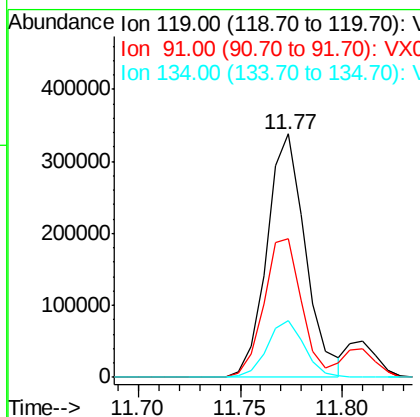
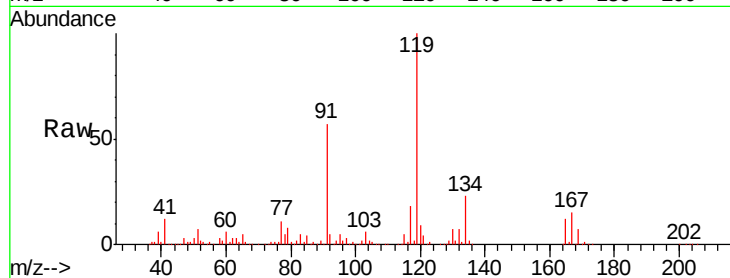
#83
 tert-Butylbenzene
 Concen: 52.46 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.6	27.5	82.5
134	22.5	11.5	34.4

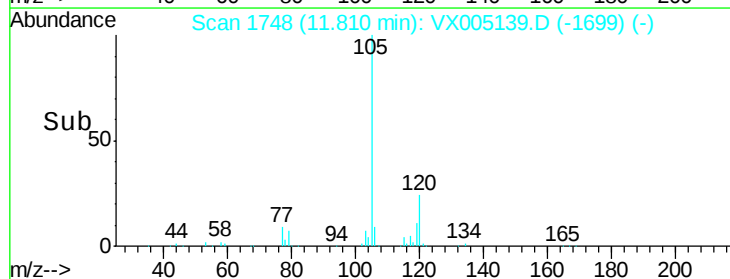
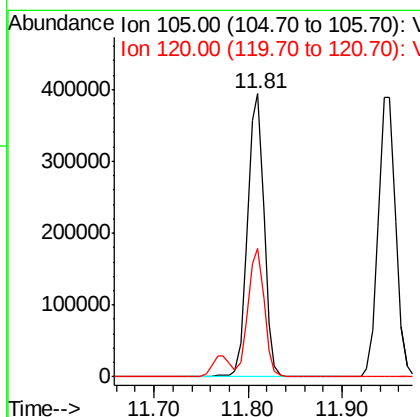
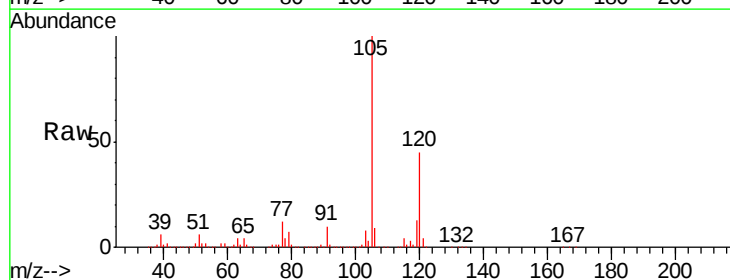
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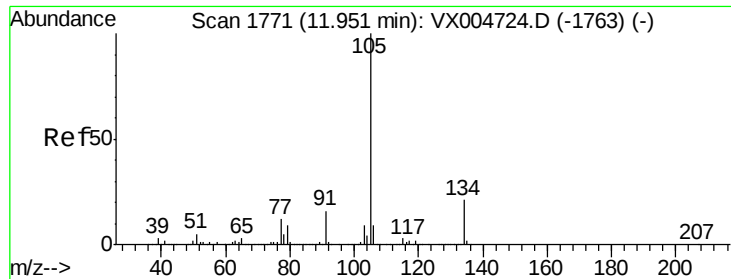
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.45 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.8	68.3





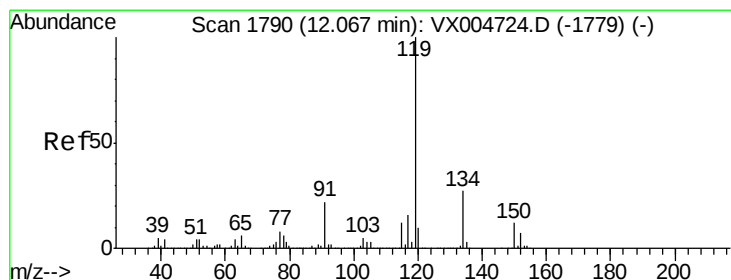
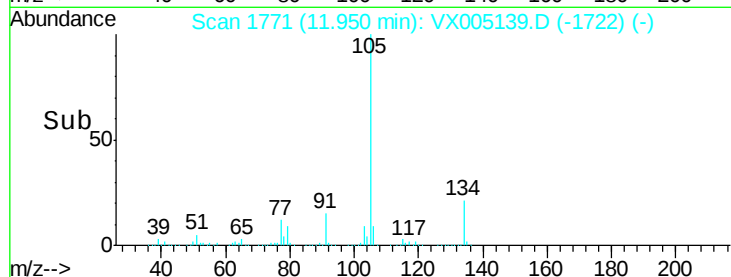
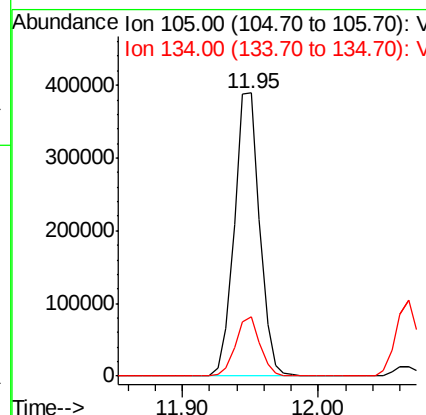
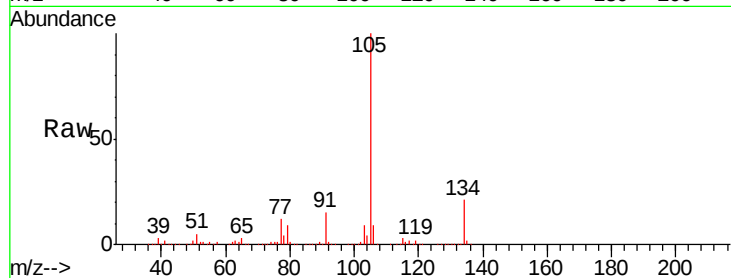
#85
 sec-Butylbenzene
 Concen: 48.68 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.4

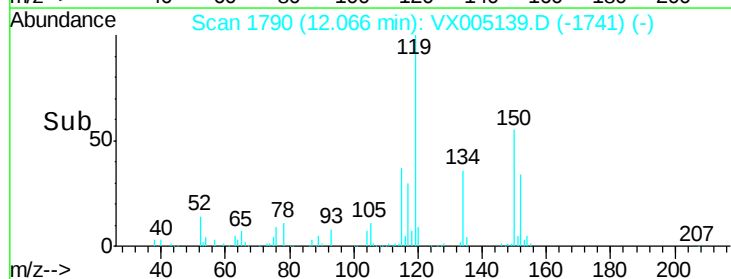
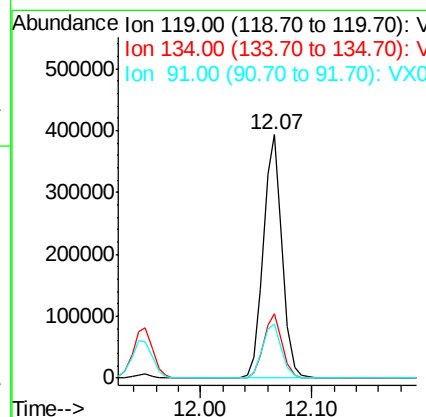
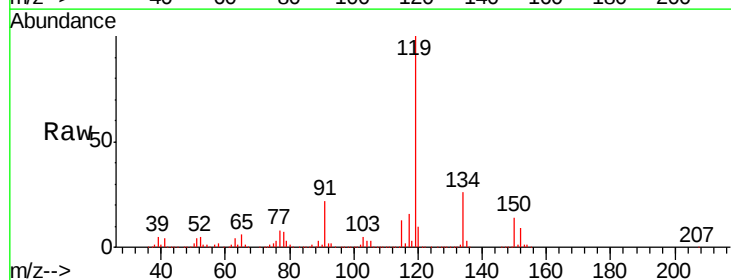
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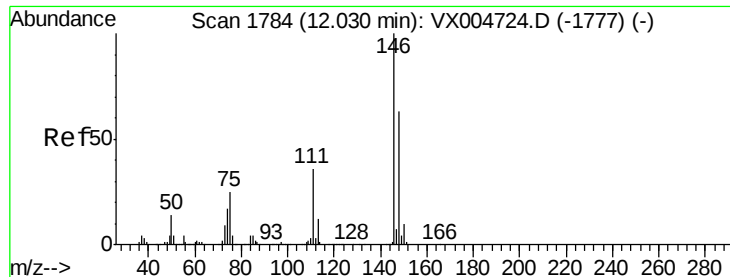
MMDadoda
 10/9/2018 1:47:52 PM



#86
 p-Isopropyltoluene
 Concen: 49.28 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.4	40.1
91	22.8	11.5	34.4





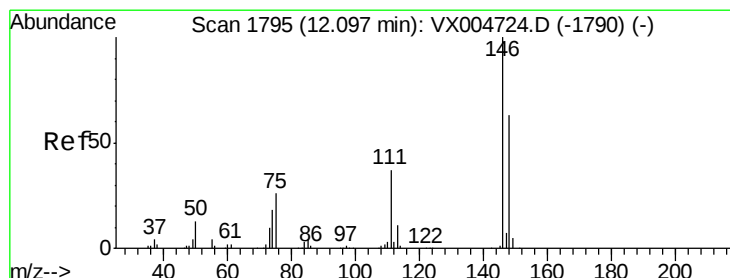
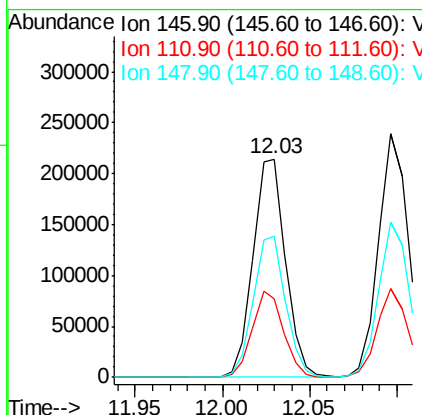
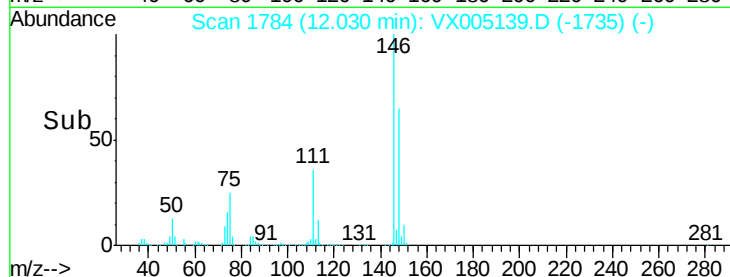
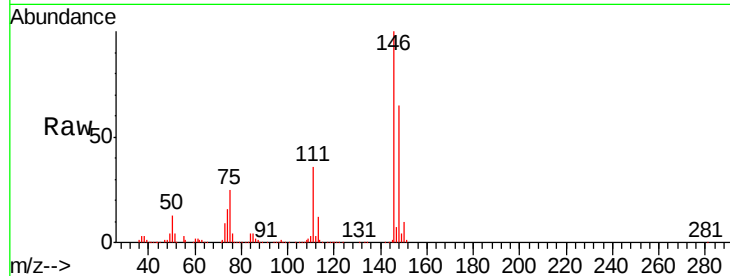
#87
 1,3-Dichlorobenzene
 Concen: 49.70 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	64.3	31.8	95.3

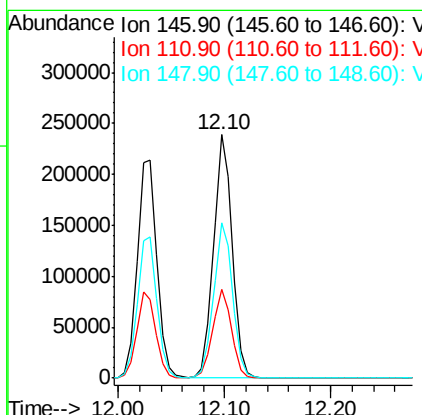
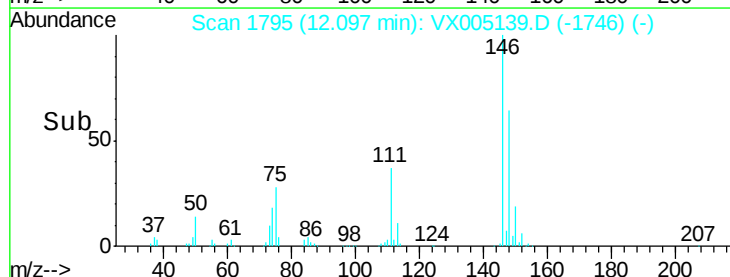
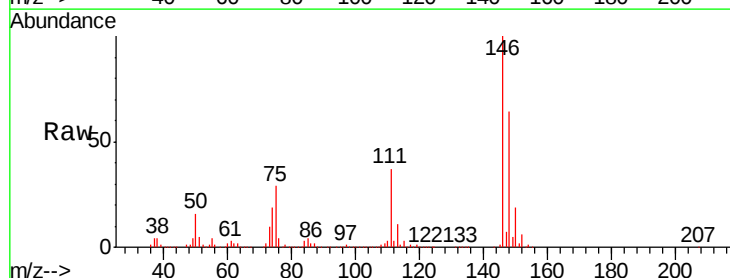
Manual Integrations
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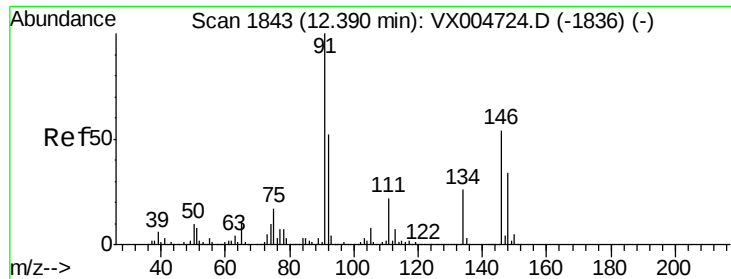
MMDadoda
 10/9/2018 1:47:52 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.81 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.2
148	64.8	32.0	96.0





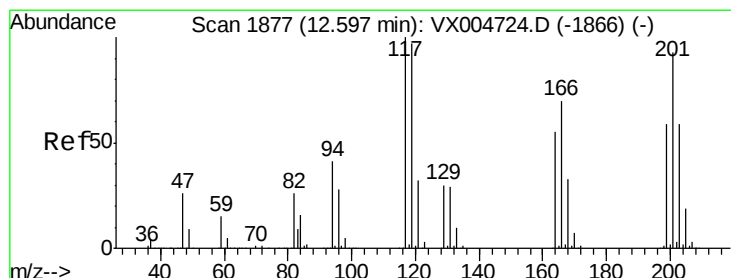
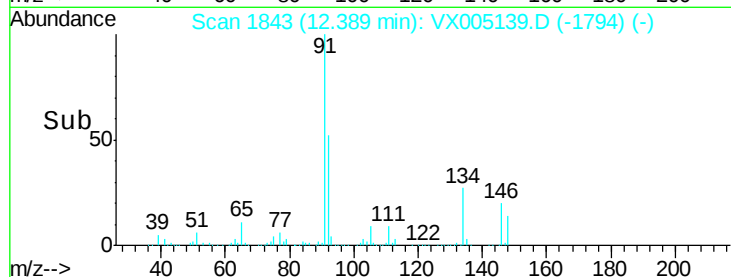
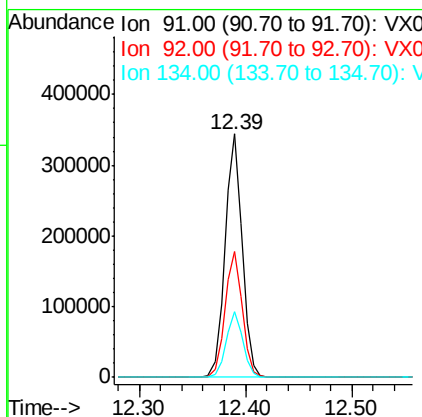
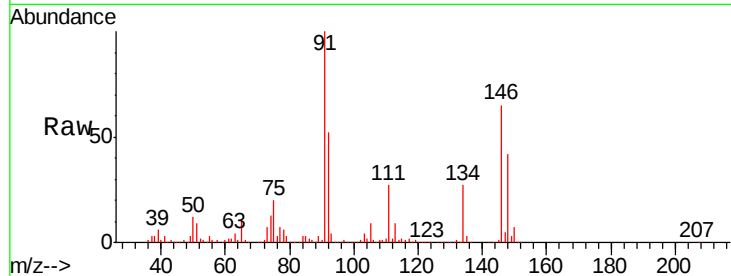
#89
n-Butylbenzene
Concen: 45.46 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	386361		
92	52.1	26.0	78.0	
134	26.5	13.2	39.6	

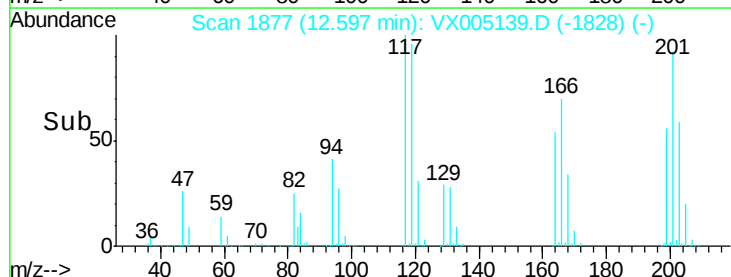
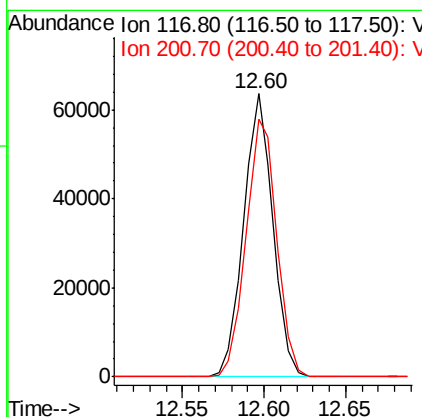
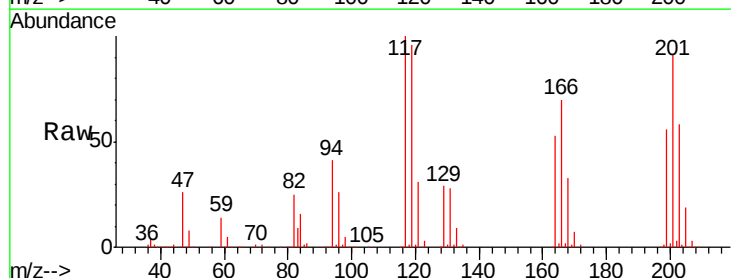
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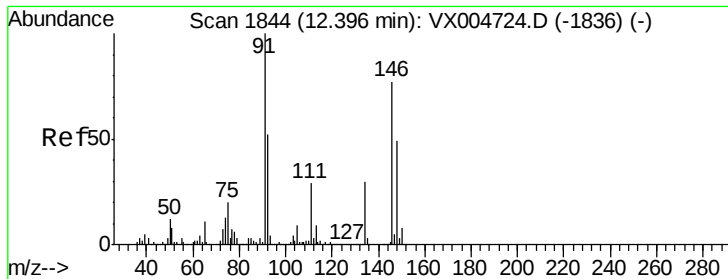
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#90
Hexachloroethane
Concen: 50.97 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005139.D
Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	79420		
201	95.5	48.4	145.0	





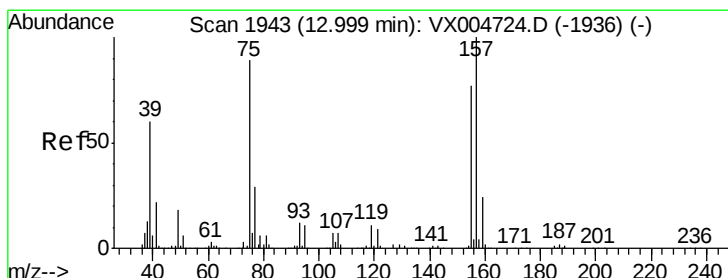
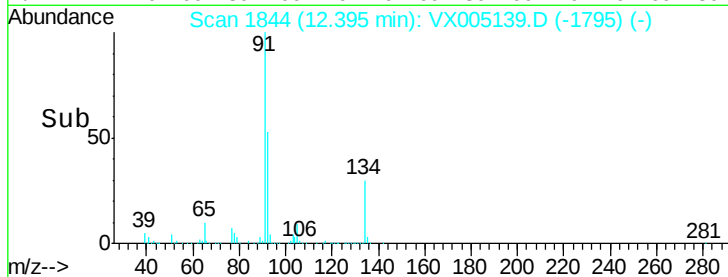
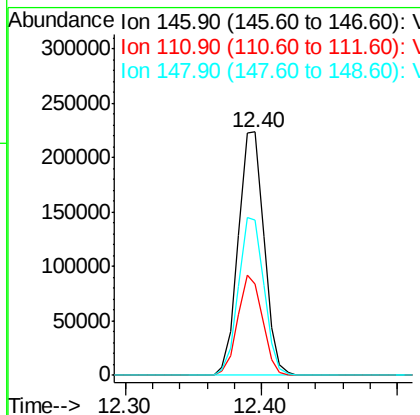
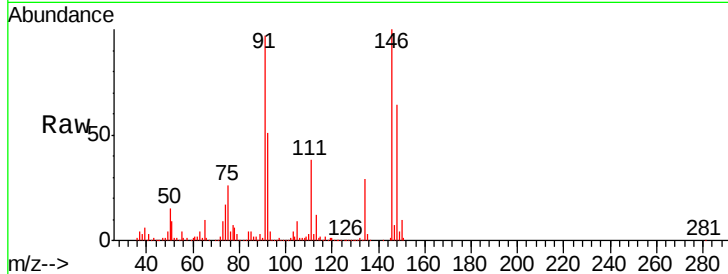
#91
 1,2-Dichlorobenzene
 Concen: 50.67 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	295812		
111	39.5	19.6	58.7	
148	64.5	31.8	95.4	

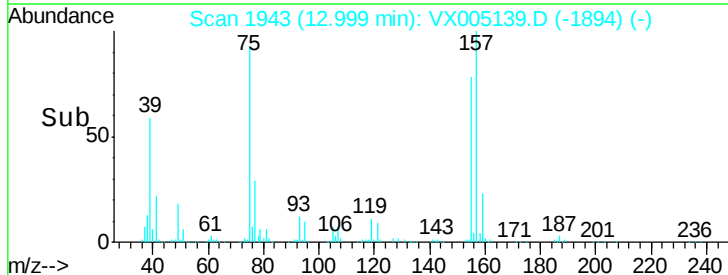
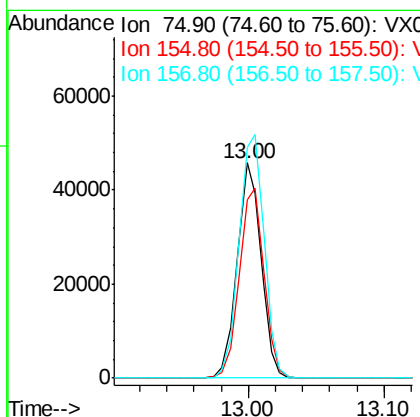
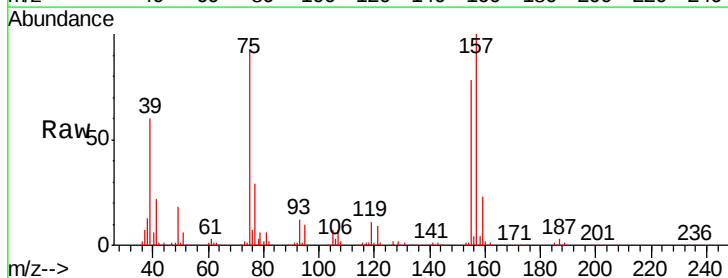
Manual Integrations
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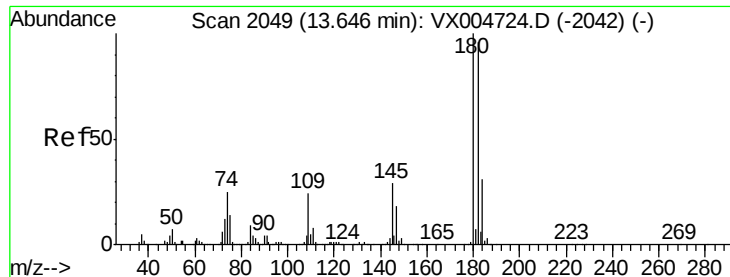
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.58 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55774		
155	91.3	46.1	138.3	
157	119.2	60.2	180.6	





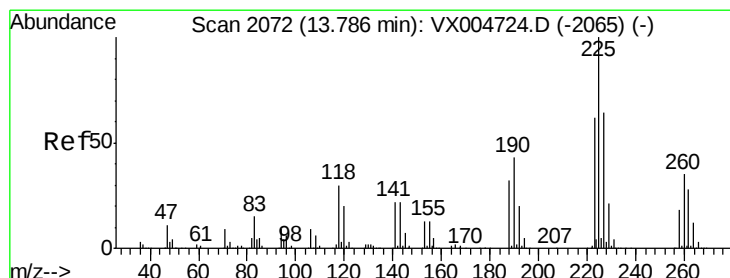
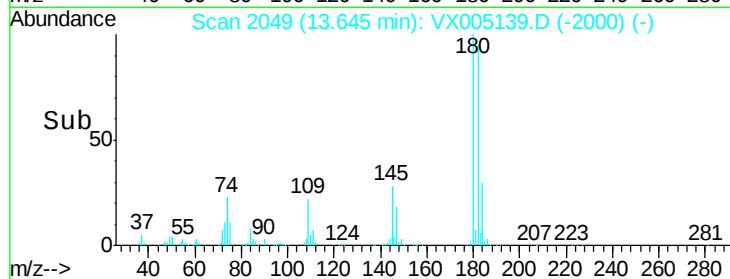
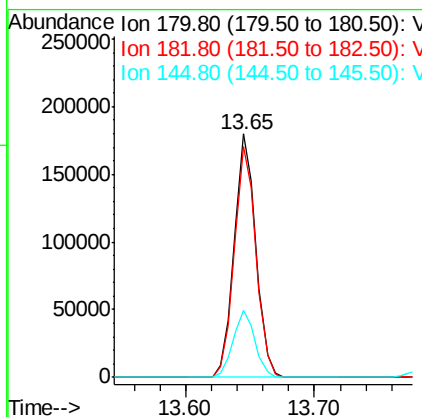
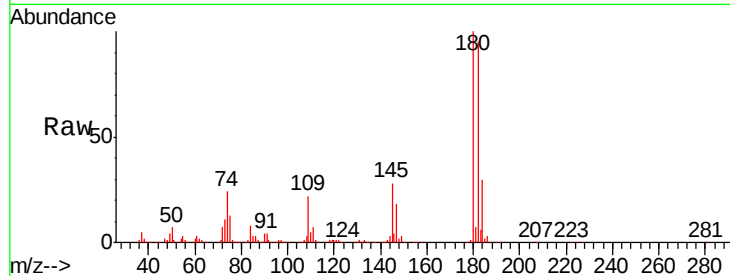
#93
 1,2,4-Trichlorobenzene
 Concen: 51.51 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210935		
182	95.2	47.8	143.4	
145	27.9	14.1	42.4	

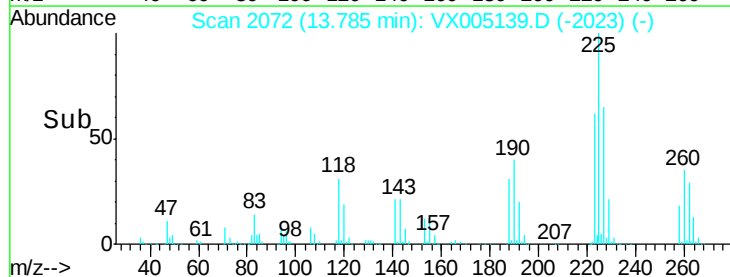
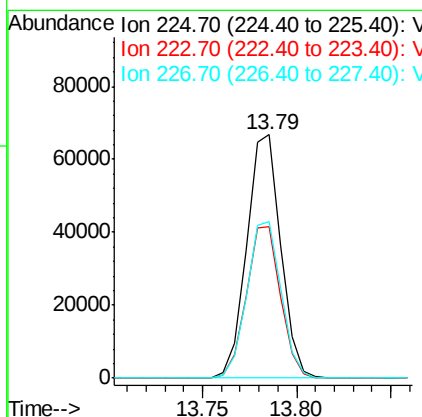
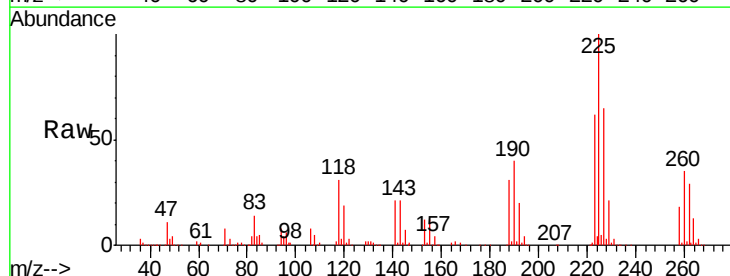
Manual Integrations
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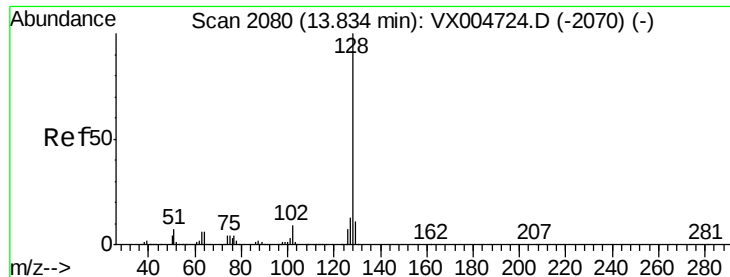
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#94
 Hexachlorobutadiene
 Concen: 39.09 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005139.D
 Acq: 08 Oct 2018 20:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	83016		
223	63.1	31.3	93.8	
227	64.9	31.9	95.5	





#95

Naphthalene

Concen: 54.43 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Instrument :

MSVOA_X

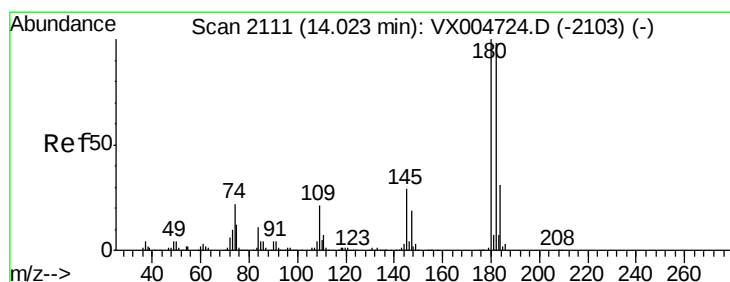
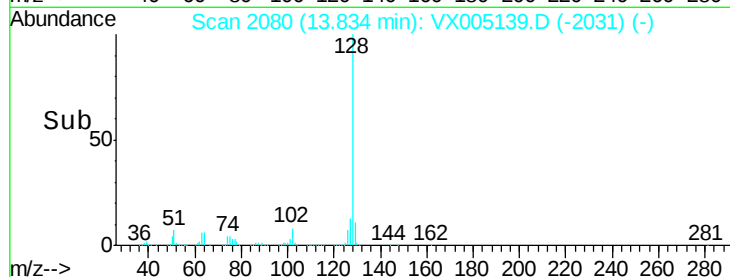
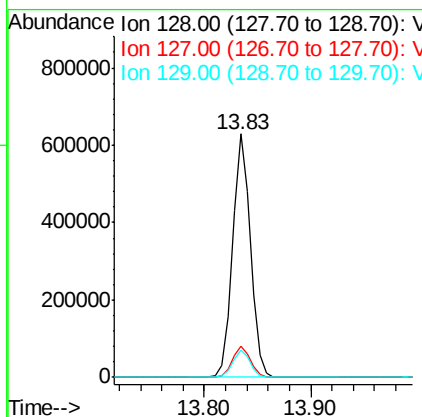
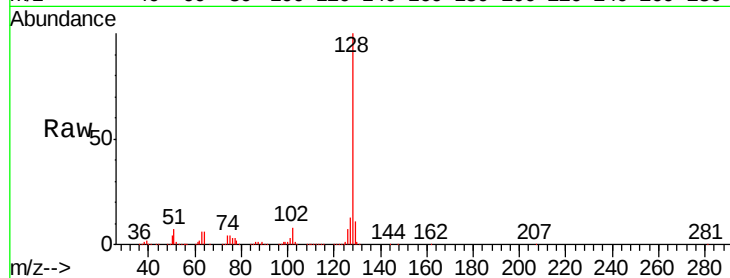
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	740685
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 53.28 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005139.D

Acq: 08 Oct 2018 20:56

Tgt Ion:	180	Resp:	225383
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.8
145	29.6	15.0	45.0

