

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005416.D
 Acq On : 18 Oct 2018 03:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:24:29 PM

Quant Time: Oct 19 03:13:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264654	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196026	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	135500	46.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.50	113	112304	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
50) Toluene-d8	8.71	98	421460	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	159239	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	96309	46.54	ug/l	97
3) Chloromethane	1.32	50	134452	44.84	ug/l	99
4) Vinyl Chloride	1.40	62	141984	46.75	ug/l	97
5) Bromomethane	1.64	94	85808	50.02	ug/l	98
6) Chloroethane	1.71	64	91585	51.16	ug/l	# 87
7) Trichlorofluoromethane	1.92	101	196450	48.47	ug/l	95
8) Diethyl Ether	2.19	74	83935	48.49	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	114924	49.12	ug/l	94
10) Methyl Iodide	2.51	142	142238	55.18	ug/l	99
11) Tert butyl alcohol	3.08	59	208725	251.91	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110783	47.79	ug/l	95
13) Acrolein	2.29	56	153339	290.37	ug/l	97
14) Allyl chloride	2.73	41	243384	47.83	ug/l	93
15) Acrylonitrile	3.15	53	447283	238.23	ug/l	97
16) Acetone	2.45	43	396844	233.67	ug/l	98
17) Carbon Disulfide	2.56	76	309355	44.06	ug/l	# 92
18) Methyl Acetate	2.78	43	255994	52.98	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	432576	52.99	ug/l	94
20) Methylene Chloride	2.85	84	130969	53.01	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	120986	47.10	ug/l	96
22) Diisopropyl ether	3.87	45	418270	48.93	ug/l	93
23) Vinyl Acetate	3.83	43	1806632	241.82	ug/l	97
24) 1,1-Dichloroethane	3.70	63	241746	49.35	ug/l	99
25) 2-Butanone	4.70	43	629307	253.26	ug/l	91
26) 2,2-Dichloropropane	4.58	77	133858	36.54	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	134843	48.30	ug/l	99
28) Bromochloromethane	5.02	49	106817	47.83	ug/l	97
29) Tetrahydrofuran	5.15	42	392808	247.83	ug/l	94
30) Chloroform	5.21	83	223476	49.15	ug/l	95
31) Cyclohexane	5.57	56	191551	47.44	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	196361	49.63	ug/l	98
36) 1,1-Dichloropropene	5.80	75	168631	46.31	ug/l	99
37) Ethyl Acetate	4.85	43	212004	45.28	ug/l	99
38) Carbon Tetrachloride	5.78	117	172910	47.26	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185385	47.05	ug/l	97
40) Benzene	6.14	78	494868	45.31	ug/l	99
41) Methacrylonitrile	5.07	41	122784	48.91	ug/l	95
42) 1,2-Dichloroethane	6.20	62	174843	45.34	ug/l	98
43) Isopropyl Acetate	6.47	43	324728	52.06	ug/l	96
44) Trichloroethene	7.21	130	134728	48.29	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131649	49.14	ug/l	98
46) Dibromomethane	7.66	93	84200	47.62	ug/l	97
47) Bromodichloromethane	7.90	83	165493	50.60	ug/l	100
48) Methyl methacrylate	7.77	41	163734	50.61	ug/l	95
49) 1,4-Dioxane	7.75	88	75612	1013.36	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1116740	258.57	ug/l	96
52) Toluene	8.79	92	308443	51.62	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	180492	50.99	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	194750	50.78	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	129073	51.00	ug/l	97
56) Ethyl methacrylate	9.18	69	205038	55.57	ug/l	96
57) 1,3-Dichloropropane	9.37	76	217908	51.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	551402	266.48	ug/l	95
59) 2-Hexanone	9.50	43	893065	257.06	ug/l	94
60) Dibromochloromethane	9.59	129	138974	53.12	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134592	50.67	ug/l	100
64) Tetrachloroethene	9.34	164	138802	50.15	ug/l	99
65) Chlorobenzene	10.14	112	356029	48.69	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	131091	50.31	ug/l	98
67) Ethyl Benzene	10.25	91	601014	50.56	ug/l	99
68) m/p-Xylenes	10.36	106	465301	100.85	ug/l	95
69) o-Xylene	10.70	106	226633	50.93	ug/l	98
70) Styrene	10.71	104	384523	52.54	ug/l	98
71) Bromoform	10.86	173	119325	51.24	ug/l #	99
73) Isopropylbenzene	11.02	105	615677	52.83	ug/l	100
74) N-amyl acetate	10.90	43	295653	52.60	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	214285	48.75	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	200993m	52.86	ug/l	
77) Bromobenzene	11.26	156	168247	50.50	ug/l	100
78) n-propylbenzene	11.36	91	703251	52.44	ug/l	99
79) 2-Chlorotoluene	11.42	91	421522	51.33	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	530841	53.20	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	57570	46.00	ug/l	98
82) 4-Chlorotoluene	11.51	91	499492	51.31	ug/l	100
83) tert-Butylbenzene	11.77	119	529976	52.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	546940	53.26	ug/l	98
85) sec-Butylbenzene	11.94	105	637538	53.31	ug/l	99
86) p-Isopropyltoluene	12.07	119	571209	52.85	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314571	50.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	319285	50.13	ug/l	100
89) n-Butylbenzene	12.39	91	505698	51.53	ug/l	98
90) Hexachloroethane	12.60	117	93940	50.43	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	318151	50.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52058	48.55	ug/l	99

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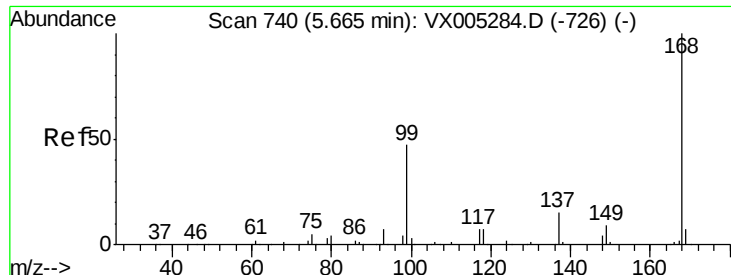
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	246089	52.79	ug/l	99
94) Hexachlorobutadiene	13.78	225	121900	49.51	ug/l	97
95) Naphthalene	13.83	128	746708	55.23	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	252226	52.88	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 264654

Ion Ratio Lower Upper

168 100

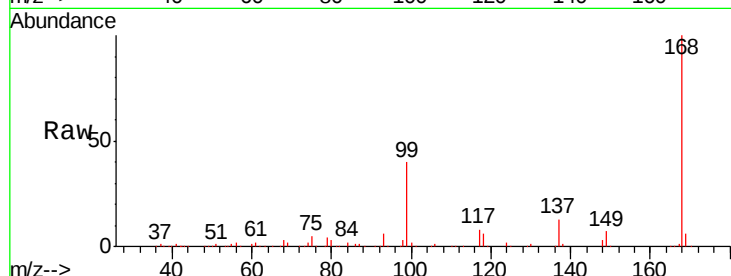
99 39.9 39.9 59.9#

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

5.67

120000

100000

80000

60000

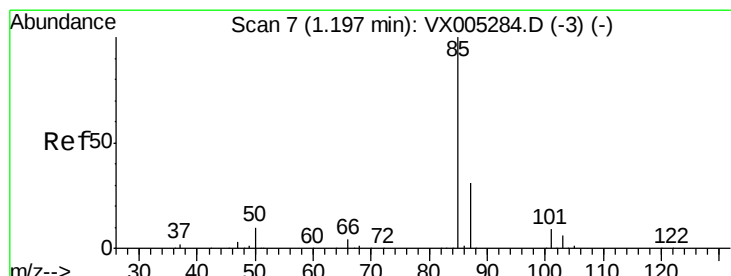
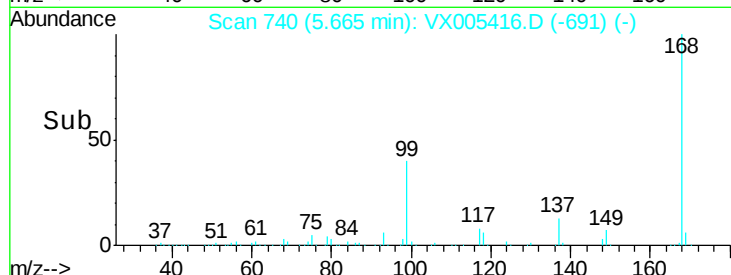
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.54 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005416.D

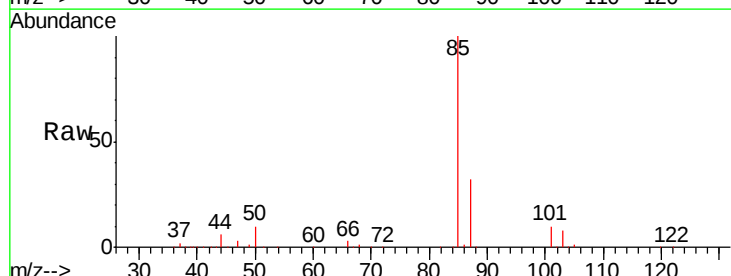
Acq: 18 Oct 2018 03:20

Tgt Ion: 85 Resp: 96309

Ion Ratio Lower Upper

85 100

87 31.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

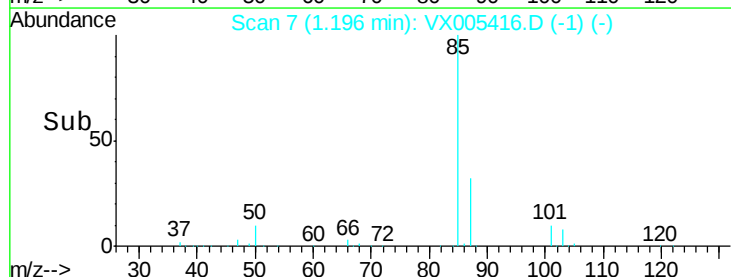
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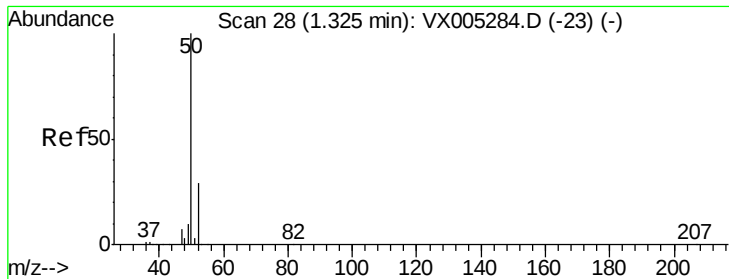
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.84 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 134452

Ion Ratio Lower Upper

50 100

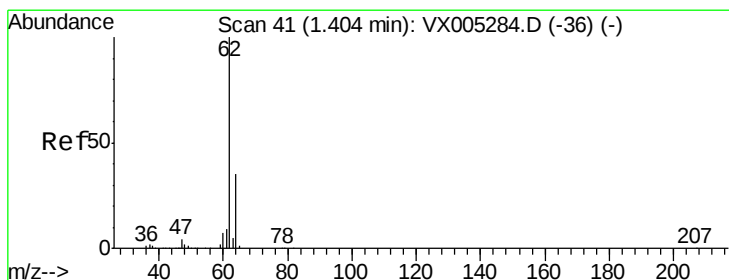
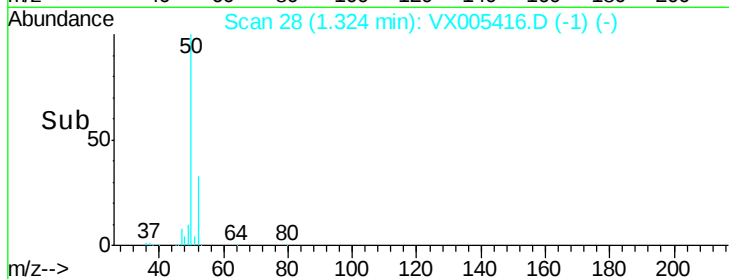
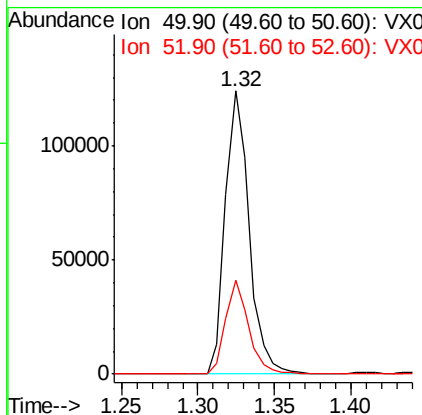
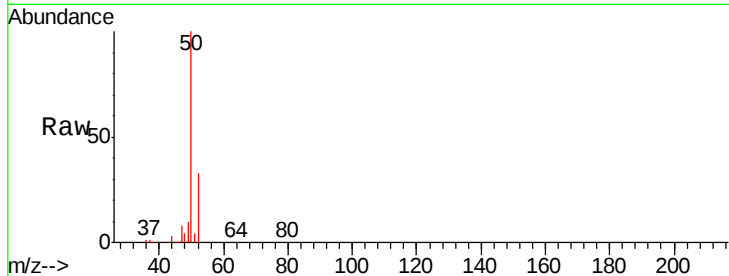
52 33.0 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.75 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005416.D

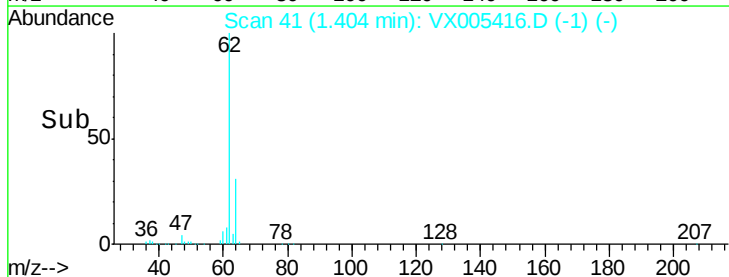
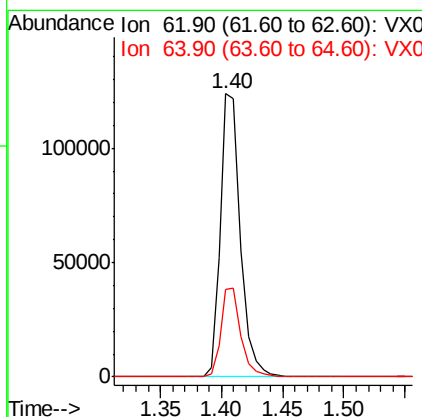
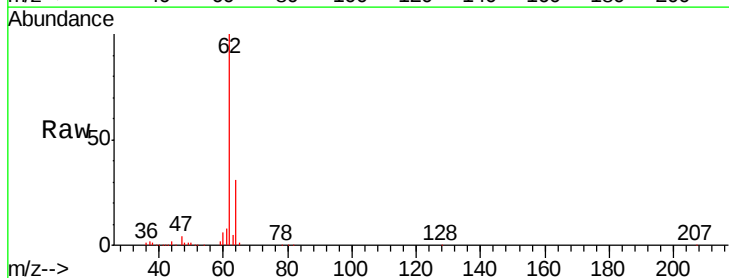
Acq: 18 Oct 2018 03:20

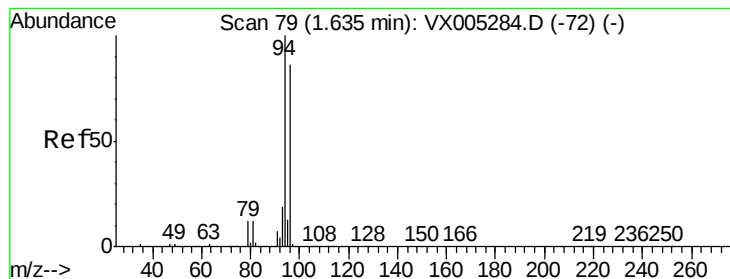
Tgt Ion: 62 Resp: 141984

Ion Ratio Lower Upper

62 100

64 30.8 25.8 38.8





#5

Bromomethane

Concen: 50.02 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion: 94 Resp: 85808

Ion Ratio Lower Upper

94 100

96 95.0 74.5 111.7

Instrument :

MSVOA_X

ClientSampleId :

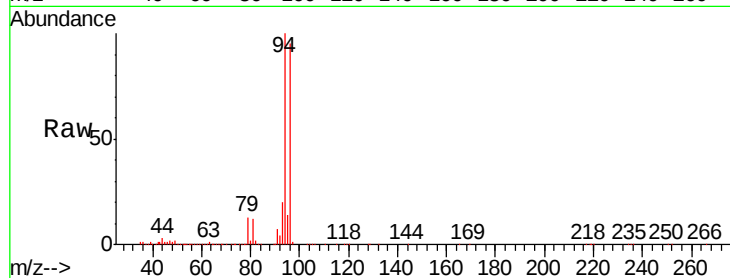
VSTDCCC050EC

Manual Integrations

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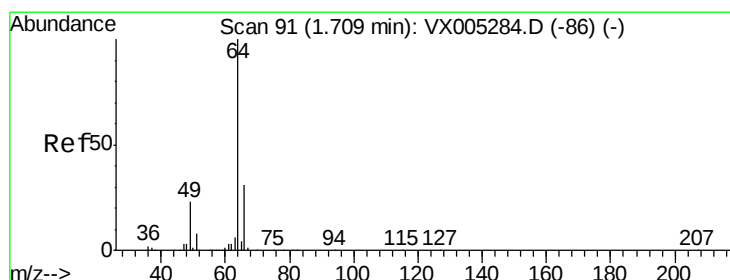
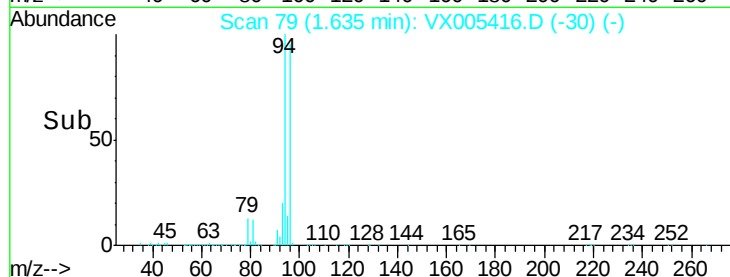
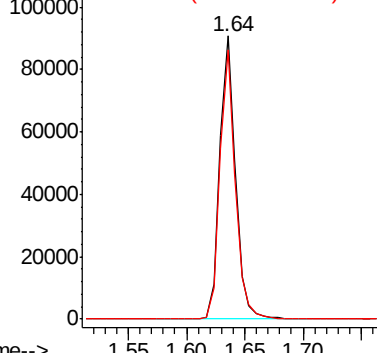
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.16 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX005416.D

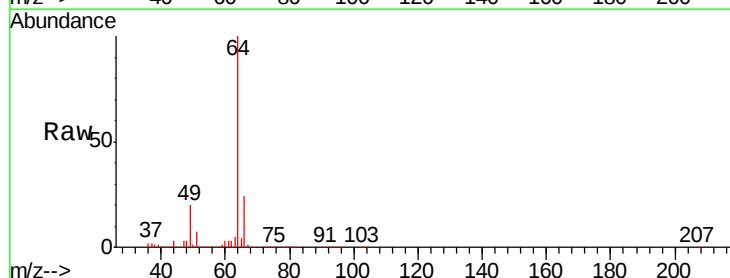
Acq: 18 Oct 2018 03:20

Tgt Ion: 64 Resp: 91585

Ion Ratio Lower Upper

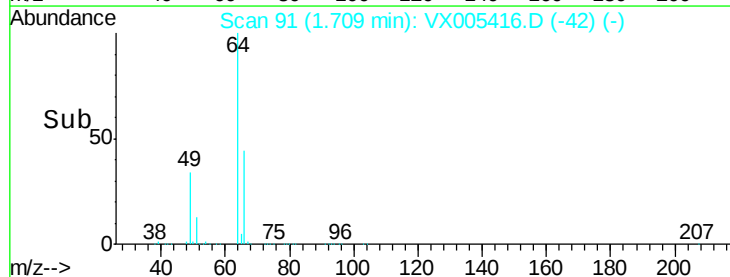
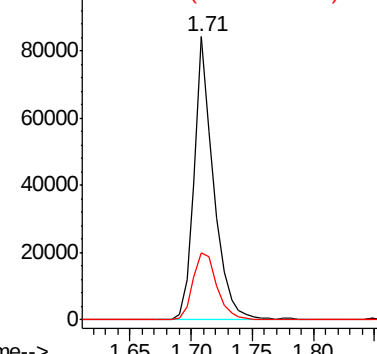
64 100

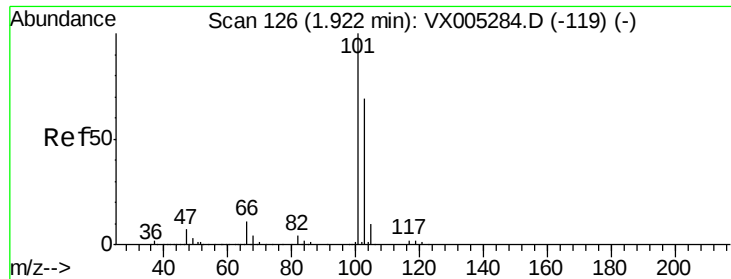
66 23.6 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

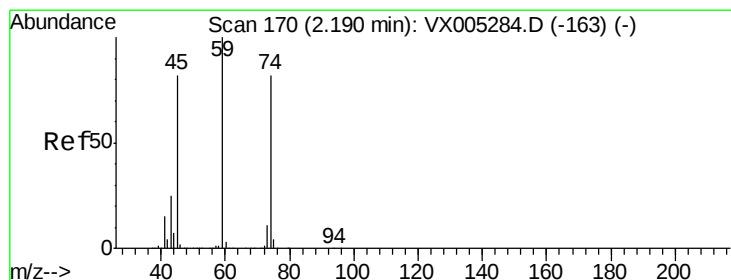
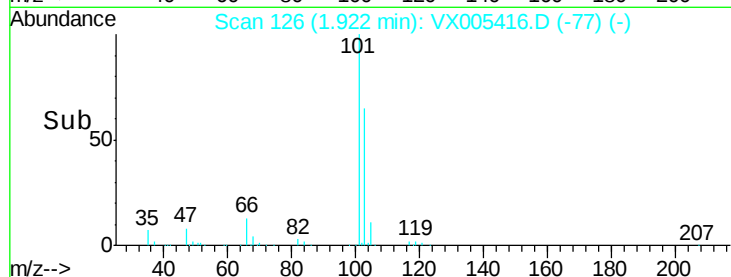
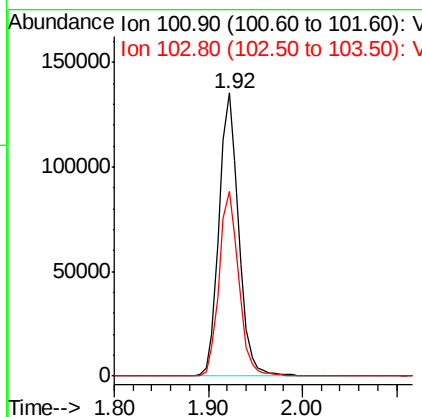
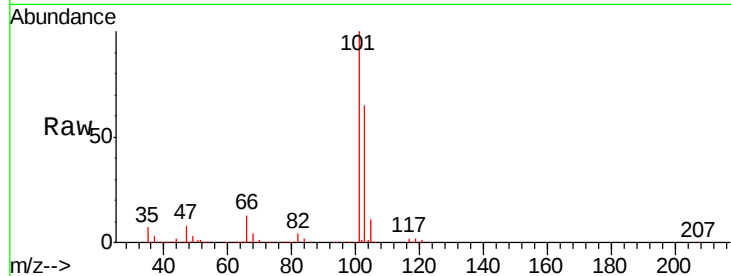
Trichlorofluoromethane
 Concen: 48.47 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

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 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.3	48.9	73.3

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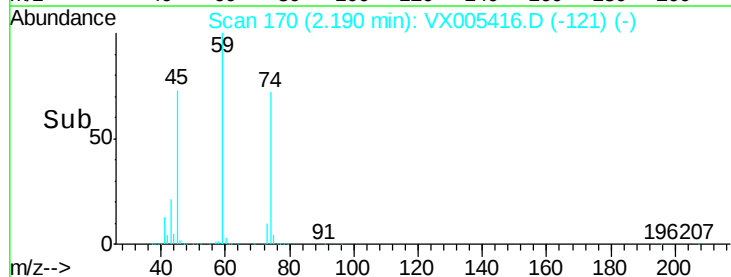
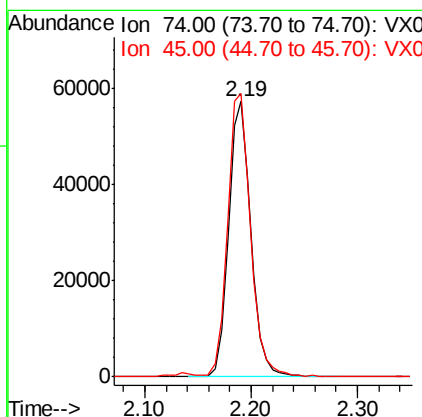
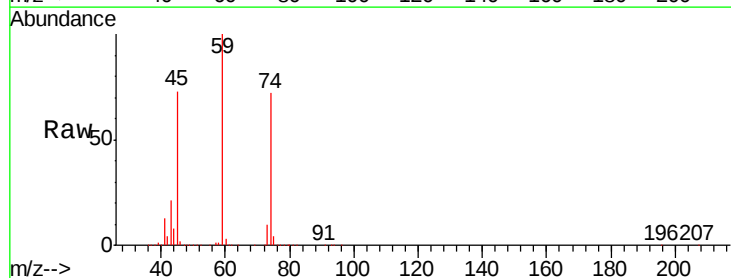
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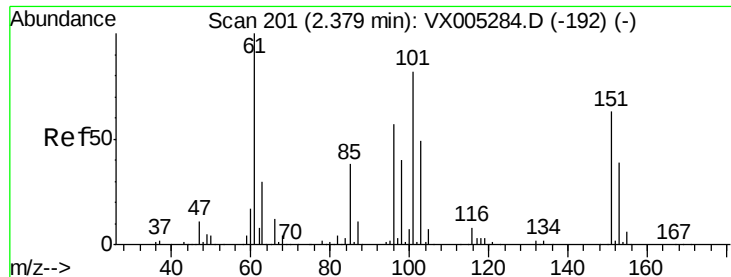


#8

Diethyl Ether
 Concen: 48.49 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.12 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

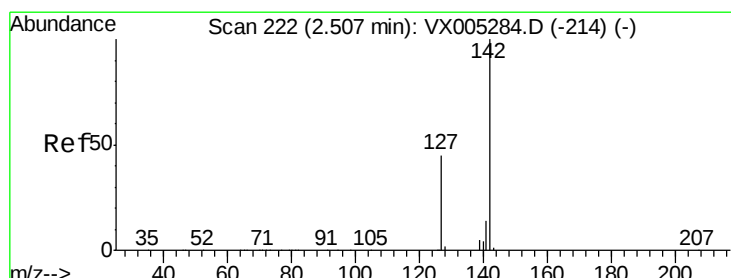
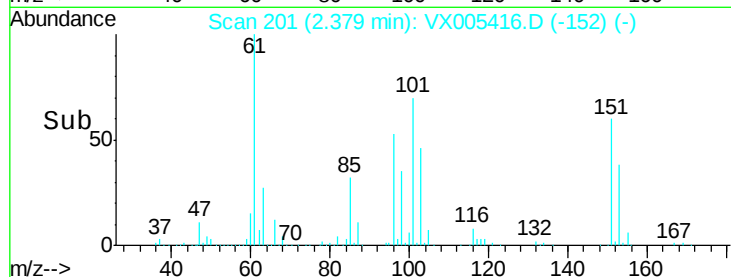
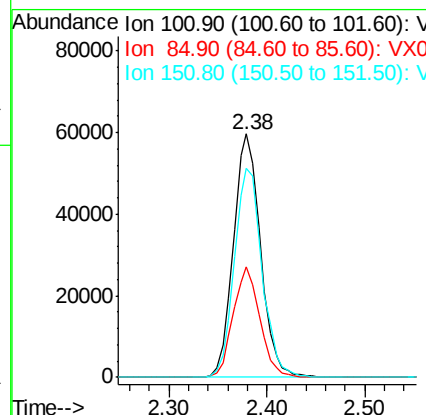
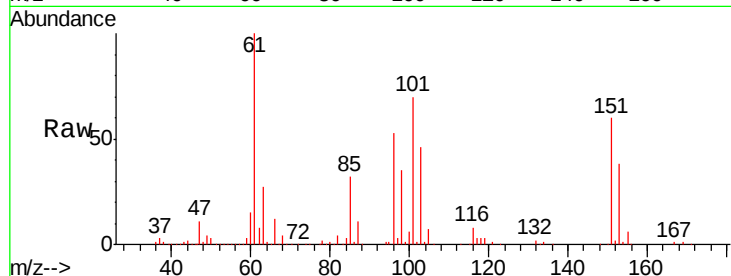
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	114924
Ion Ratio	Lower	Upper	
101	100		
85	44.8	34.2	51.4
151	87.6	65.0	97.6

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#10

Methyl Iodide

Concen: 55.18 ug/l

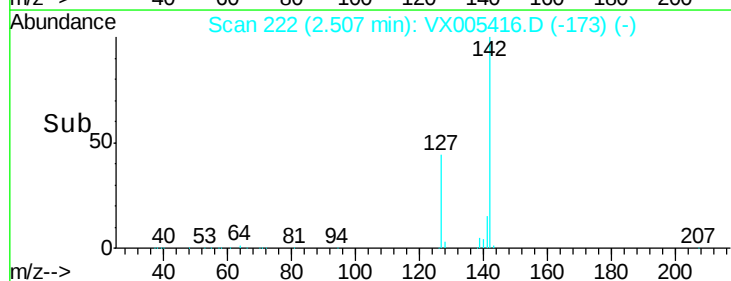
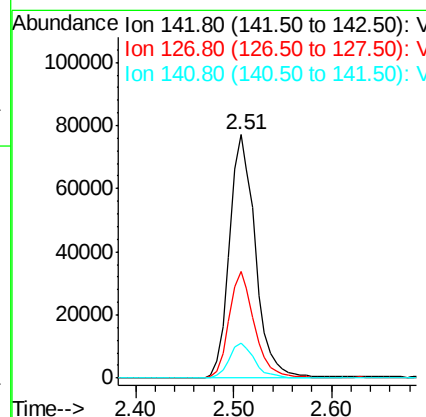
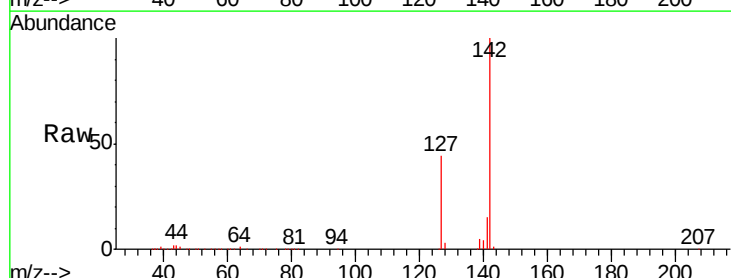
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion:	142	Resp:	142238
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.8	50.6
141	14.2	11.4	17.0





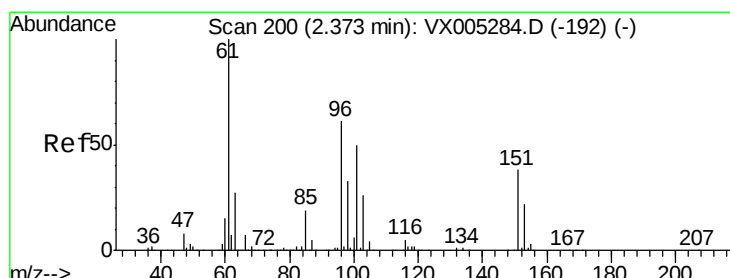
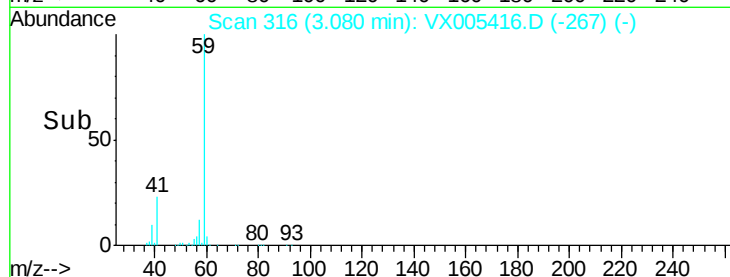
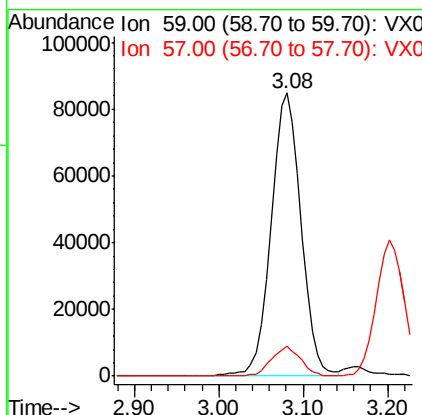
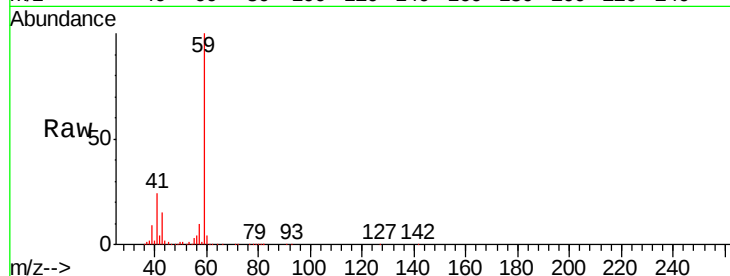
#11
Tert butyl alcohol
Concen: 251.91 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 208725
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

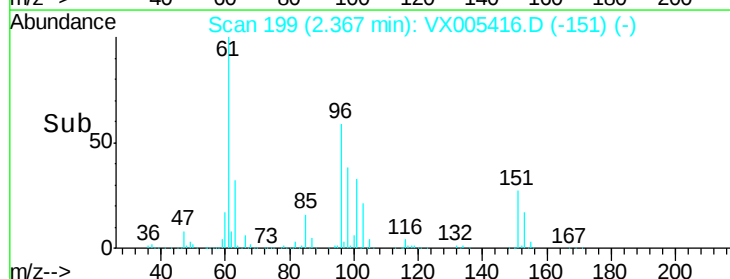
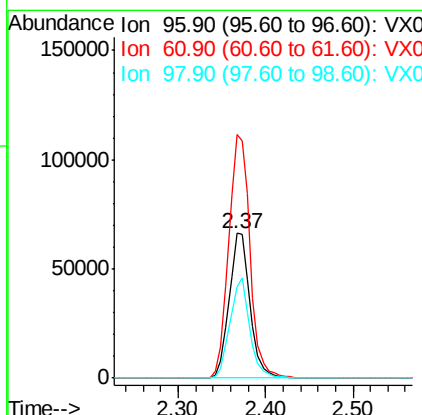
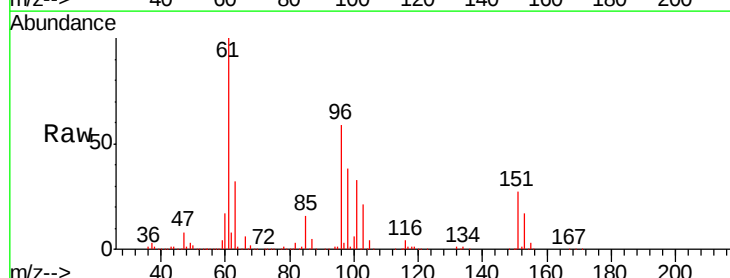
Manual Integrations
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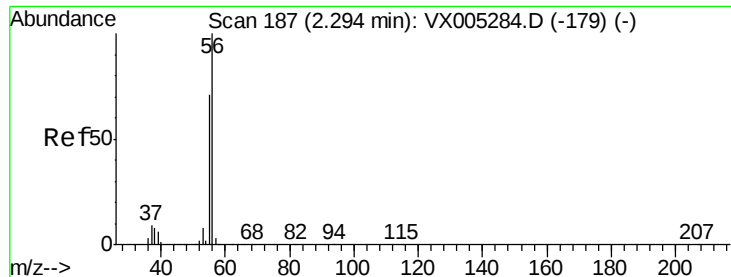
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.79 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 96 Resp: 110783
Ion Ratio Lower Upper
96 100
61 168.3 128.8 193.2
98 63.4 52.2 78.2





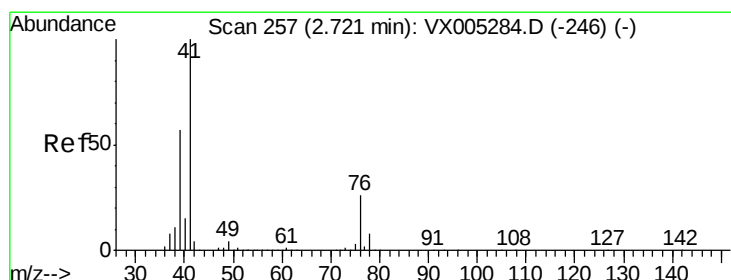
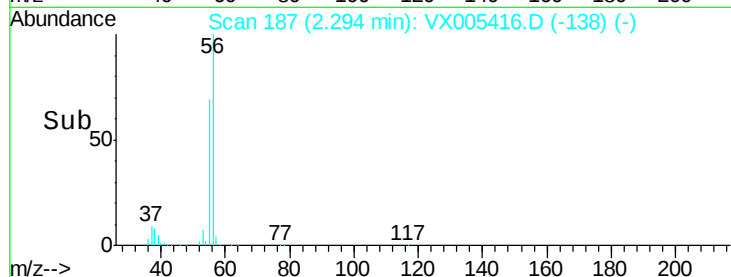
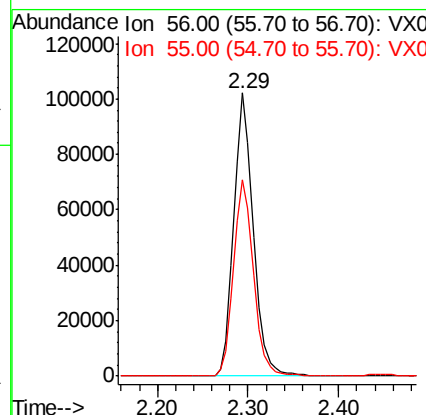
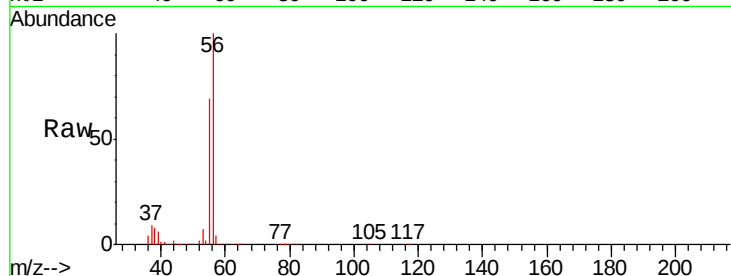
#13
Acrolein
Concen: 290.37 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.0	54.7	82.1

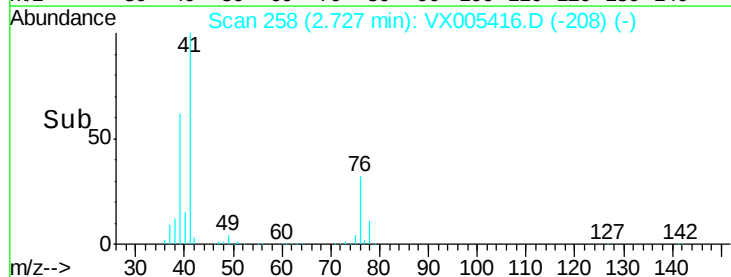
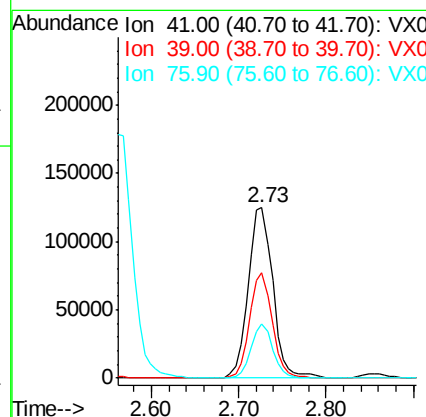
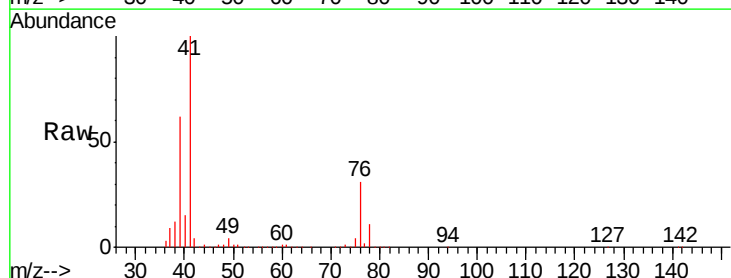
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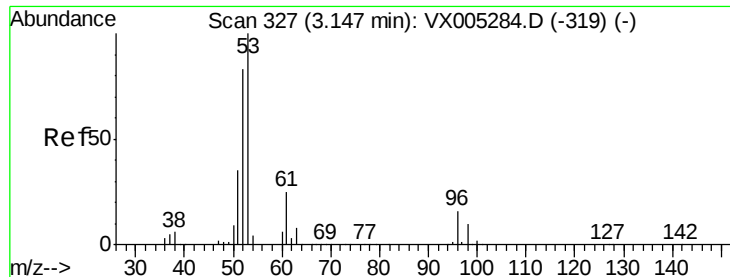
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#14
Allyl chloride
Concen: 47.83 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.8	48.9	73.3
76	28.2	26.7	40.1





#15

Acrylonitrile

Concen: 238.23 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

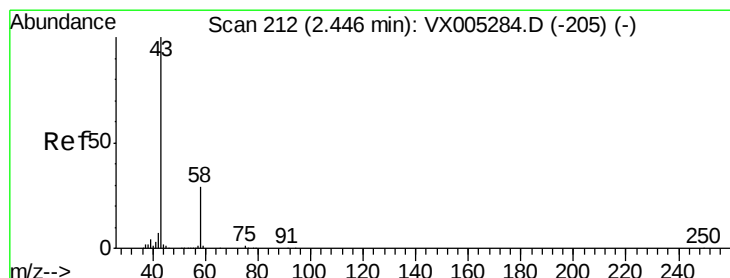
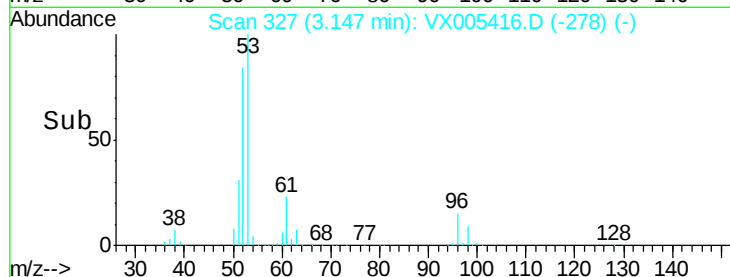
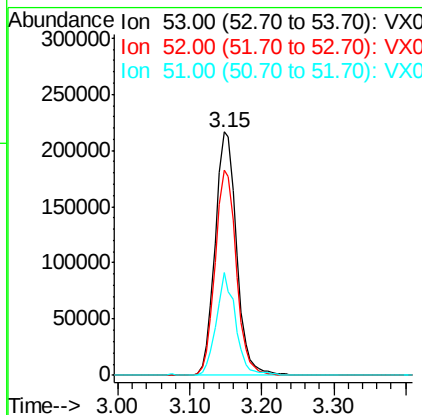
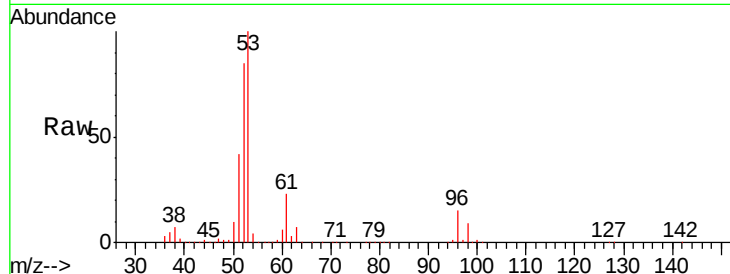
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	447283
Ion Ratio	Lower	Upper	
53	100		
52	83.1	65.2	97.8
51	37.8	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 233.67 ug/l

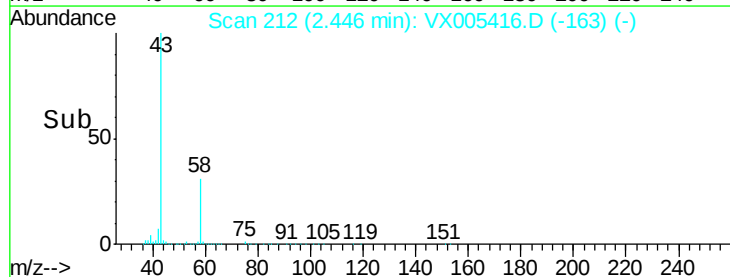
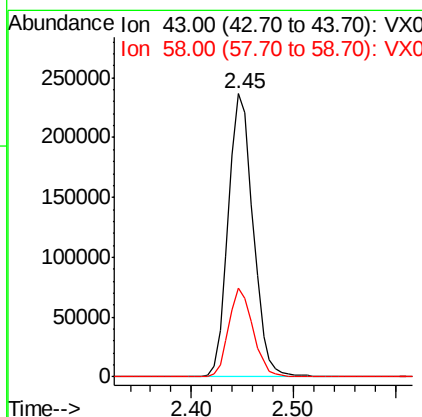
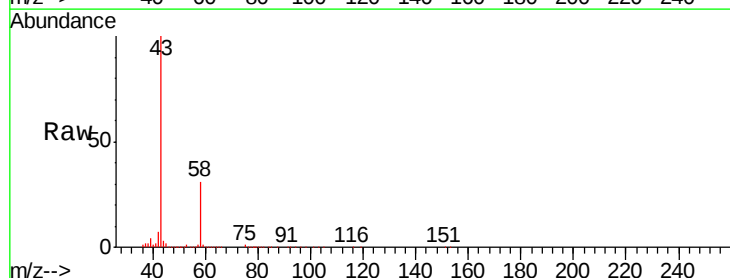
RT: 2.45 min Scan# 212

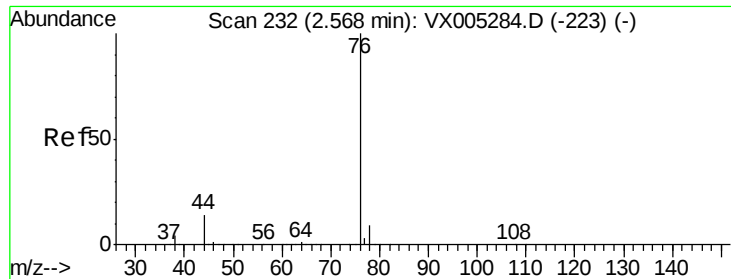
Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion:	43	Resp:	396844
Ion Ratio	Lower	Upper	
43	100		
58	31.4	26.2	39.4





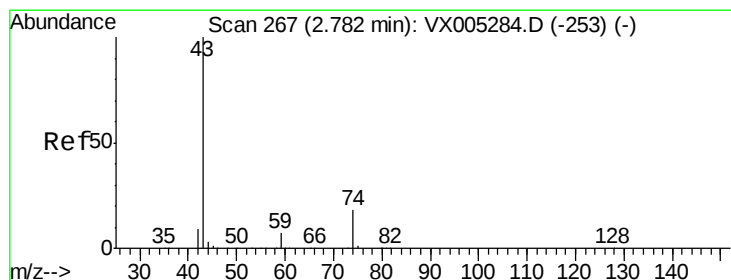
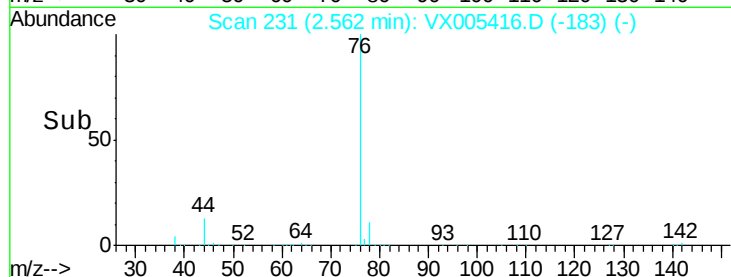
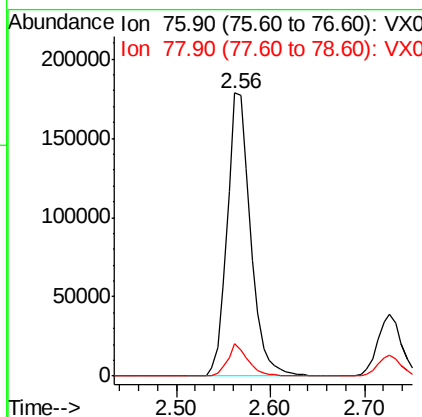
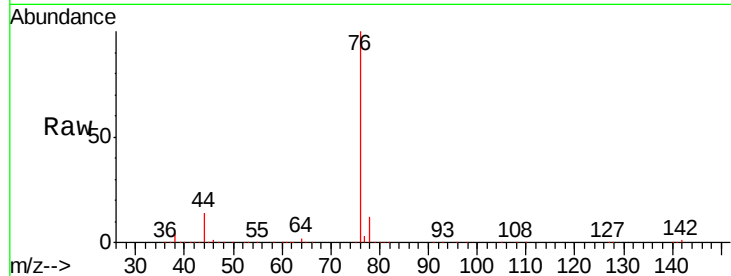
#17
Carbon Disulfide
Concen: 44.06 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 309355
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.6#

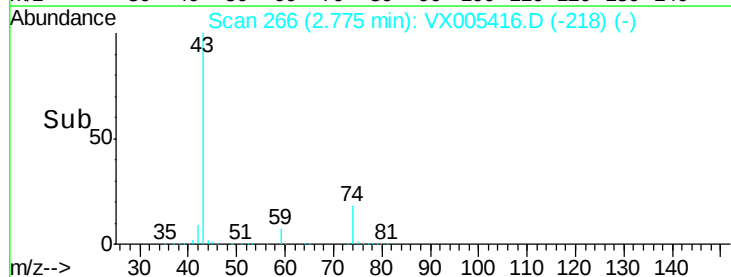
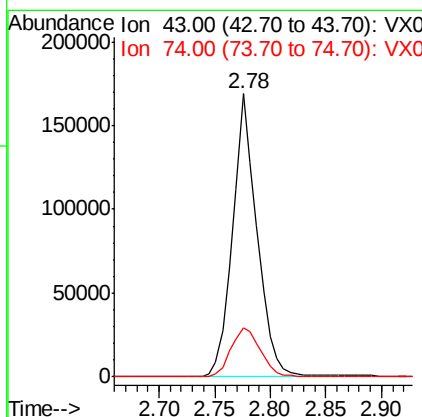
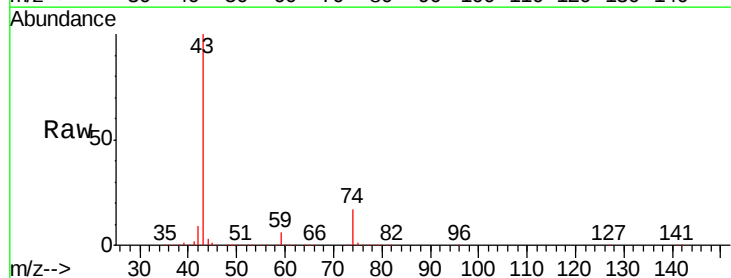
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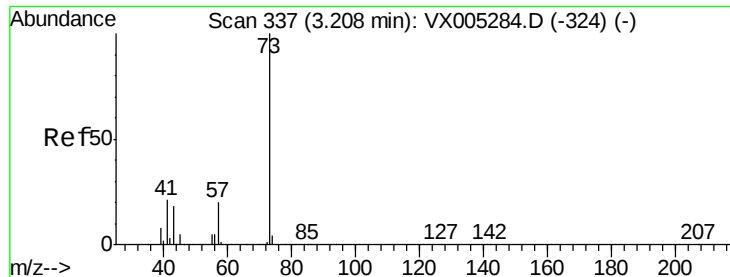
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#18
Methyl Acetate
Concen: 52.98 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 43 Resp: 255994
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2





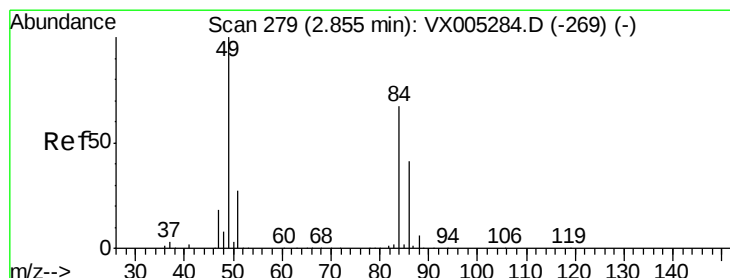
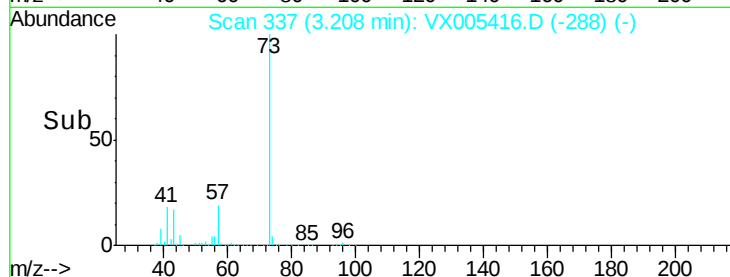
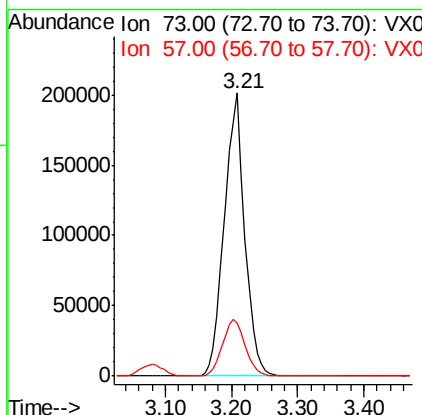
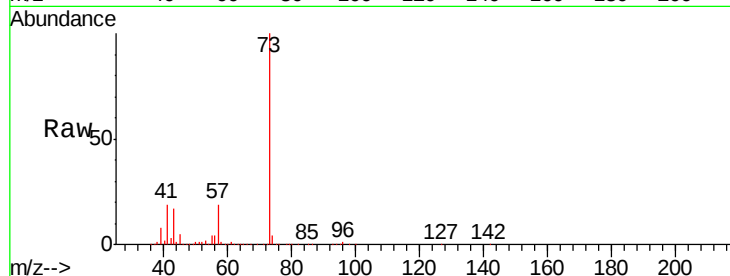
#19
Methyl tert-butyl Ether
Concen: 52.99 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 432576
Ion Ratio Lower Upper
73 100
57 18.7 17.1 25.7

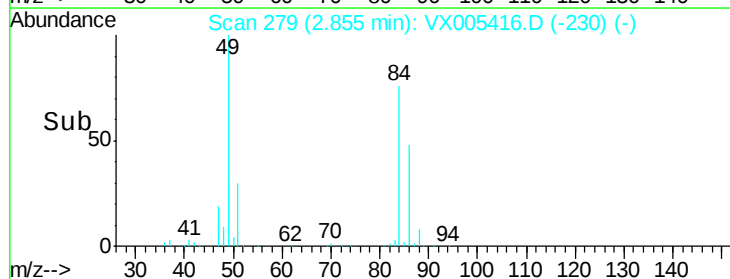
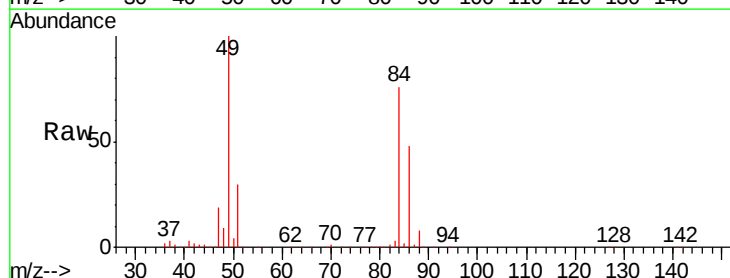
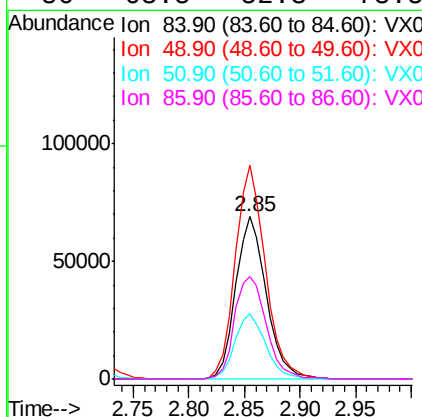
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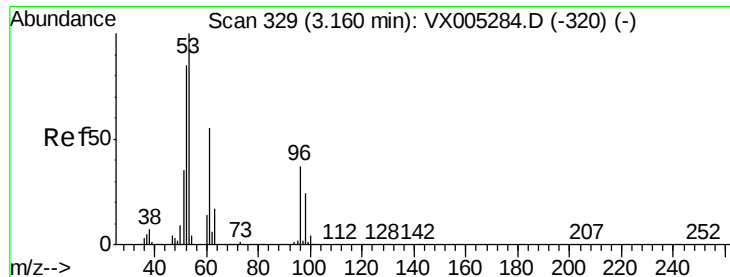
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#20
Methylene Chloride
Concen: 53.01 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 84 Resp: 130969
Ion Ratio Lower Upper
84 100
49 131.7 101.2 151.8
51 40.0 29.5 44.3
86 63.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 47.10 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 120986

Ion Ratio Lower Upper

96 100

61 145.7 113.8 170.6

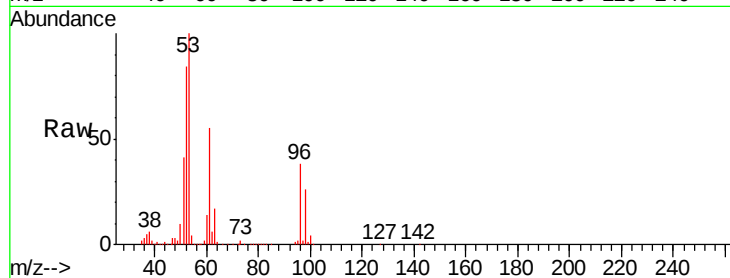
98 69.2 51.8 77.8

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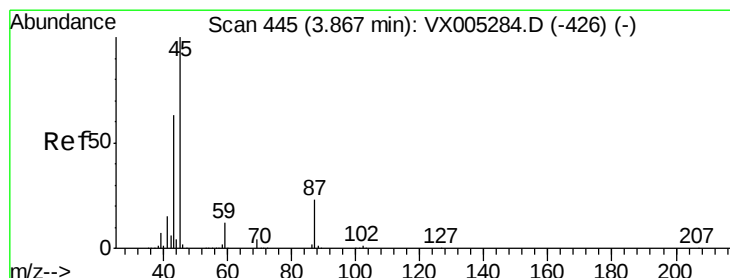
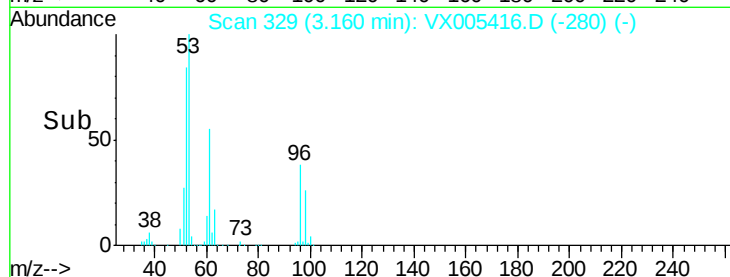
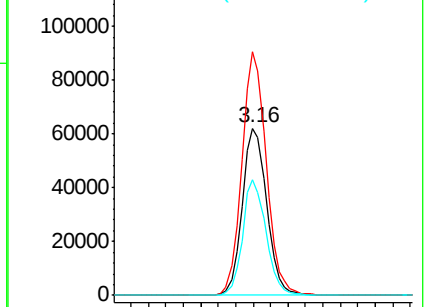
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.93 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion: 45 Resp: 418270

Ion Ratio Lower Upper

45 100

43 60.8 42.8 64.2

87 27.3 22.6 34.0

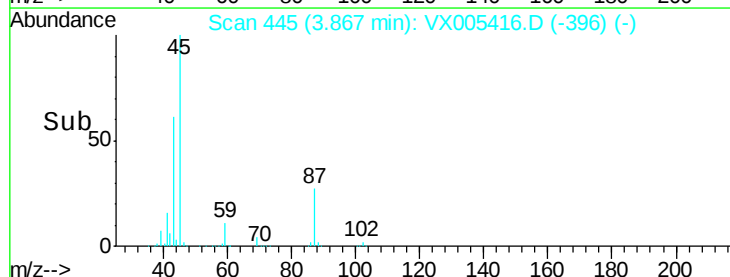
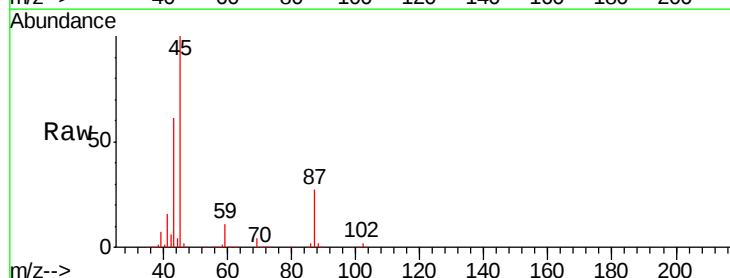
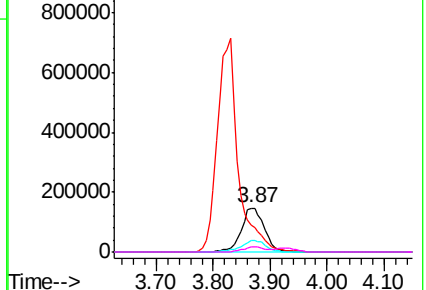
59 10.9 9.6 14.4

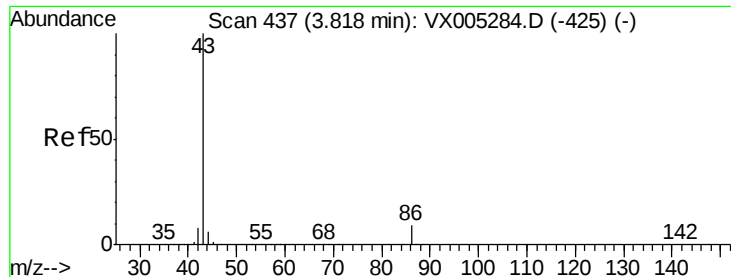
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 241.82 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1806632

Ion Ratio Lower Upper

43 100

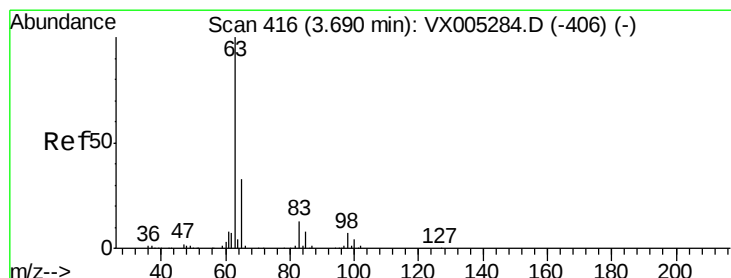
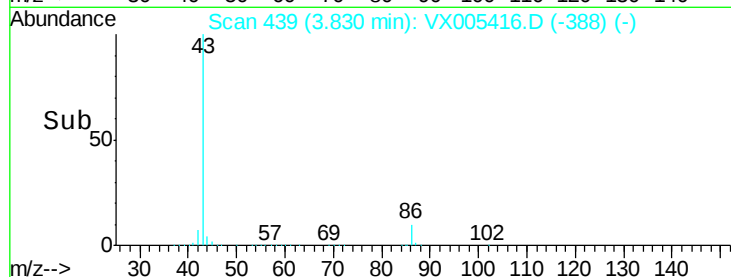
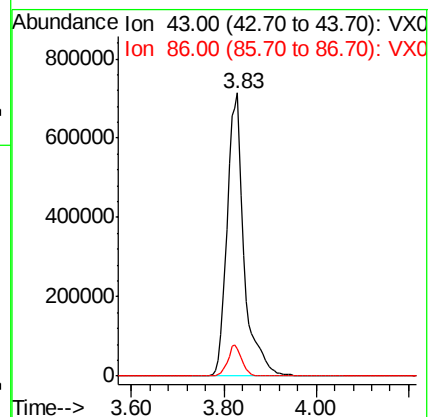
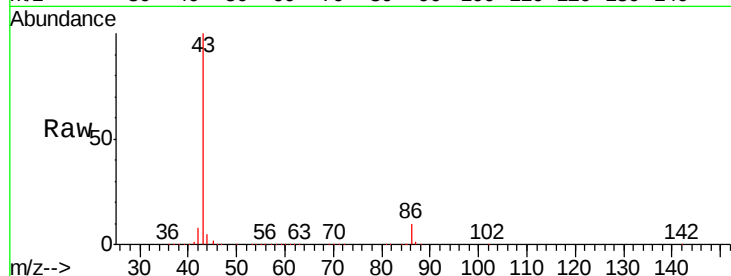
86 9.8 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 49.35 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

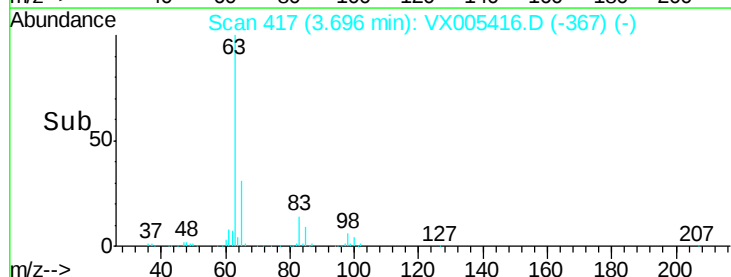
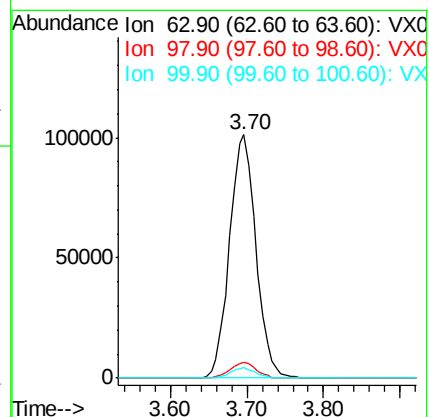
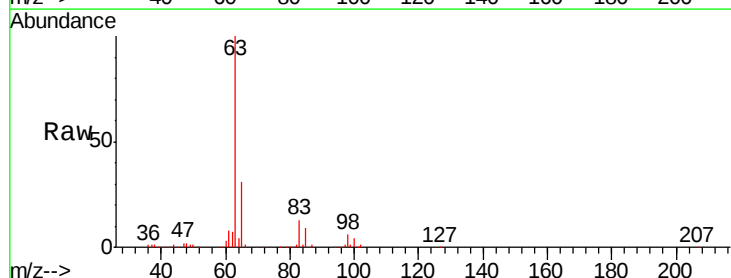
Tgt Ion: 63 Resp: 241746

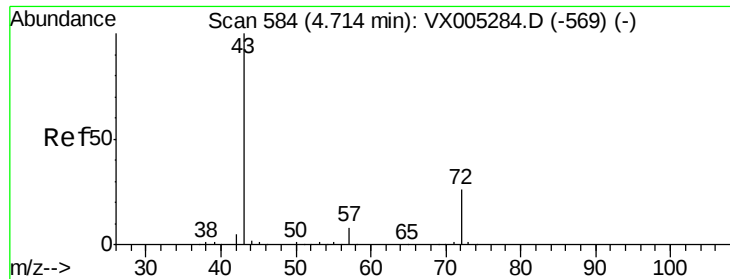
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 253.26 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 629307

Ion Ratio Lower Upper

43 100

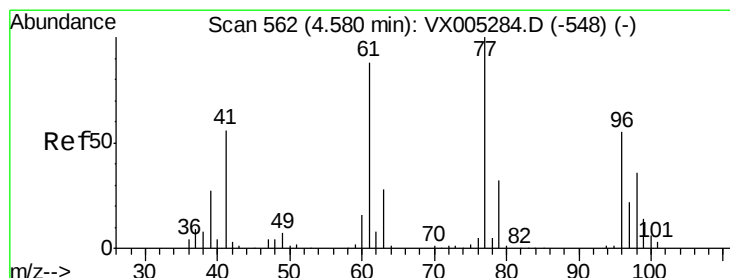
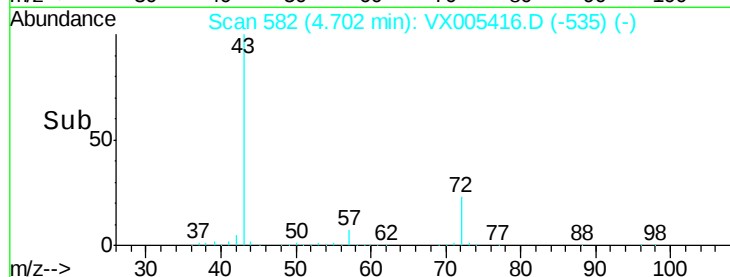
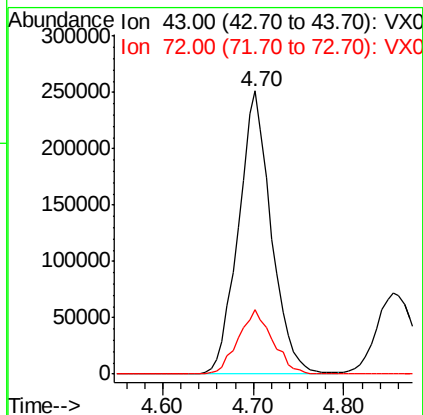
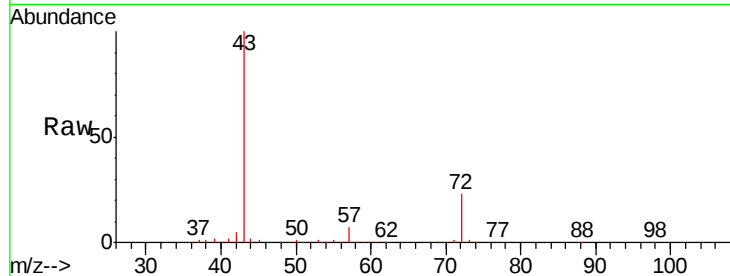
72 22.7 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 36.54 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005416.D

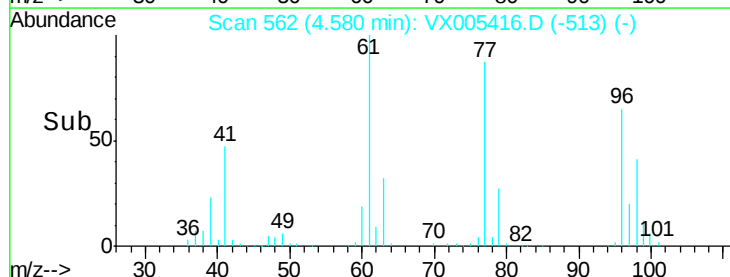
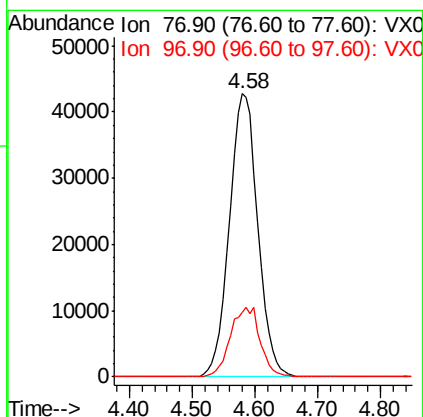
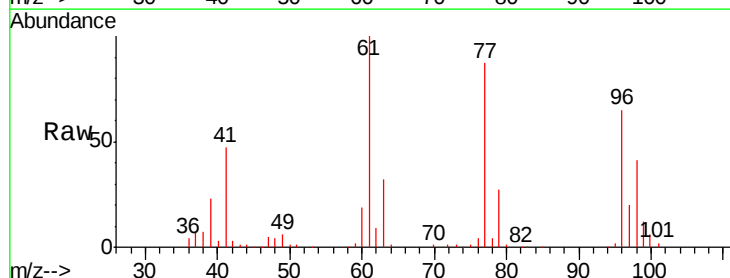
Acq: 18 Oct 2018 03:20

Tgt Ion: 77 Resp: 133858

Ion Ratio Lower Upper

77 100

97 25.6 11.7 35.0





#27

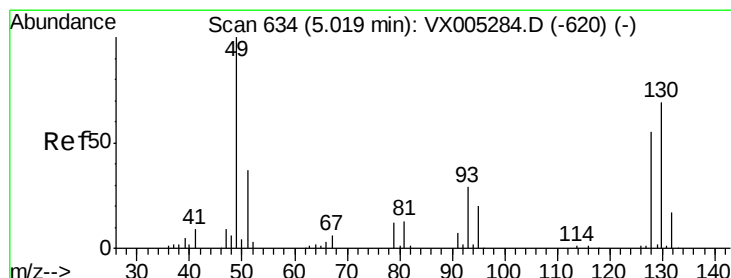
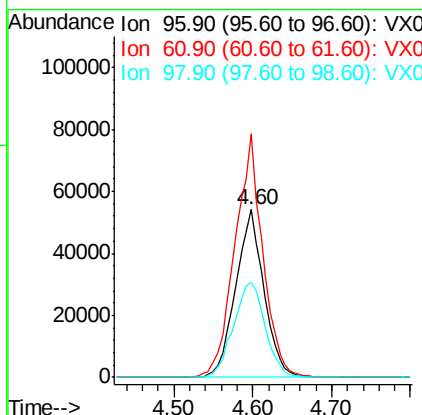
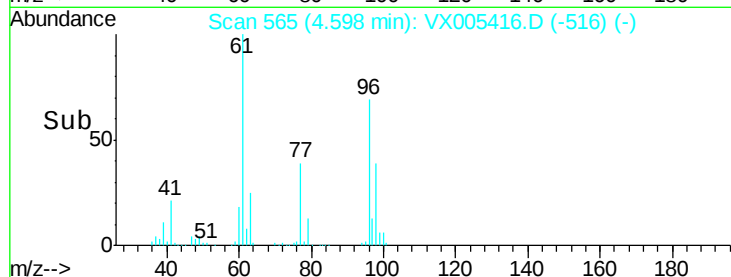
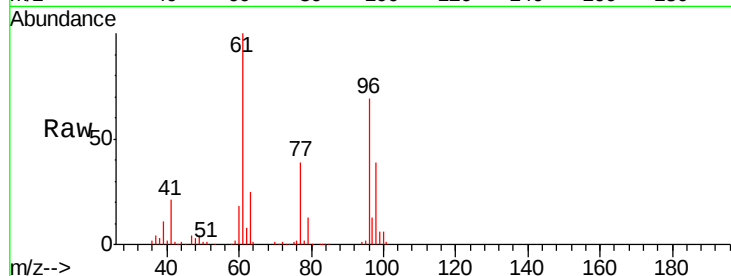
cis-1,2-Dichloroethene
Concen: 48.30 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	282.6
98	63.6	0.0	130.2

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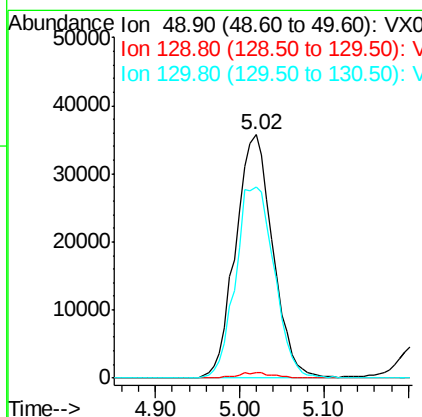
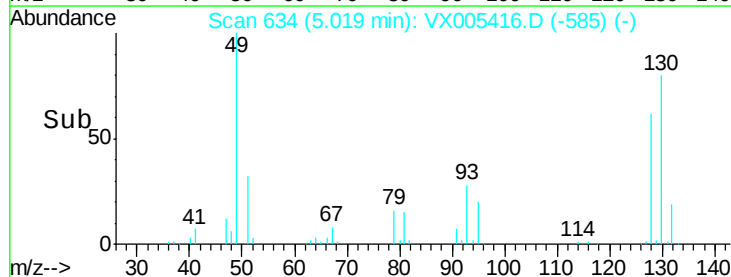
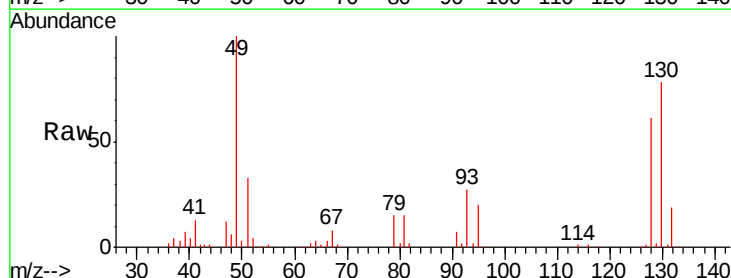
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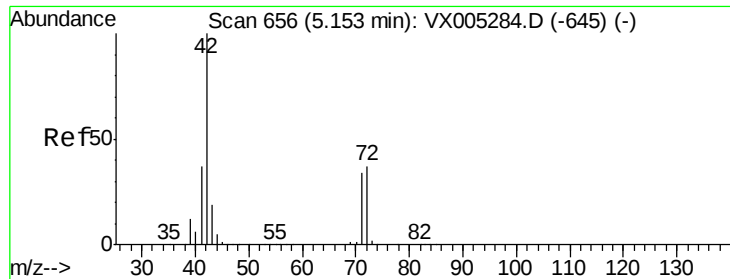


#28

Bromochloromethane
Concen: 47.83 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	81.9	67.5	101.3





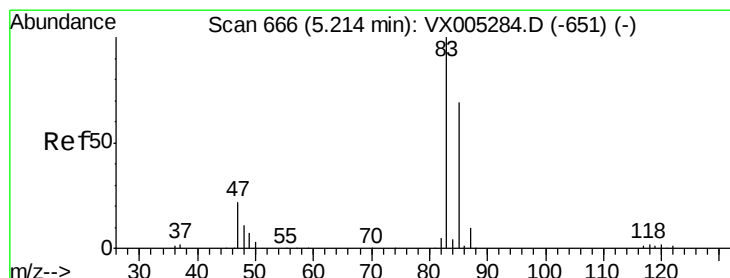
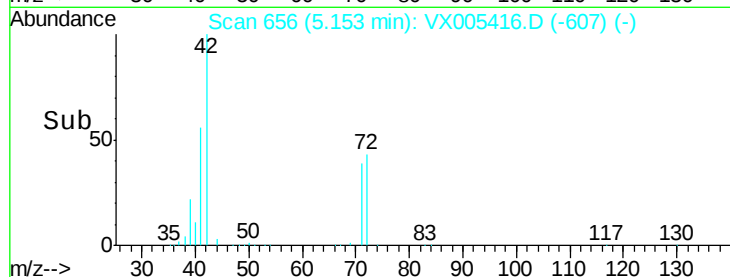
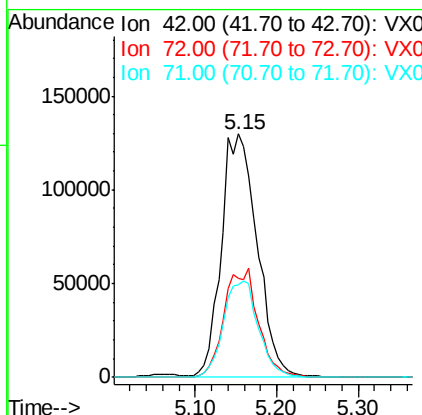
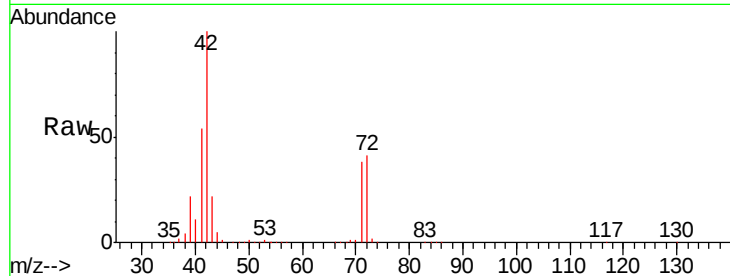
#29
Tetrahydrofuran
Concen: 247.83 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.8	37.4	56.0
71	39.0	34.5	51.7

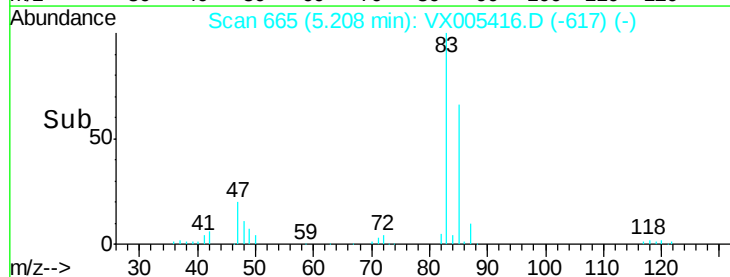
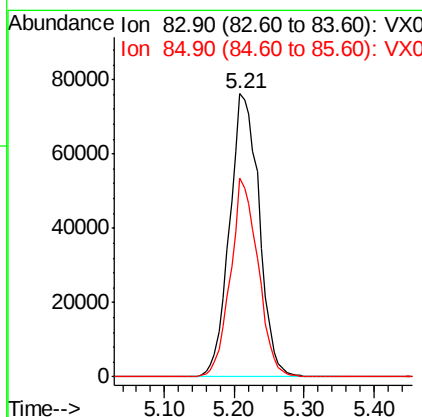
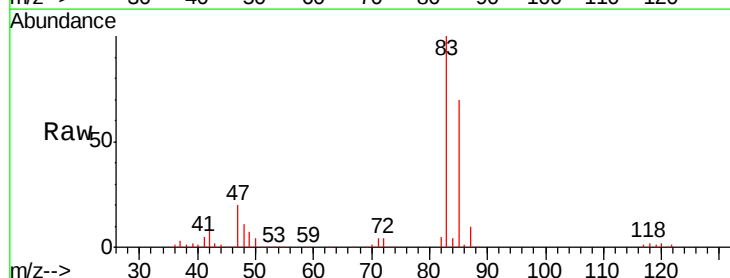
Manual Integrations
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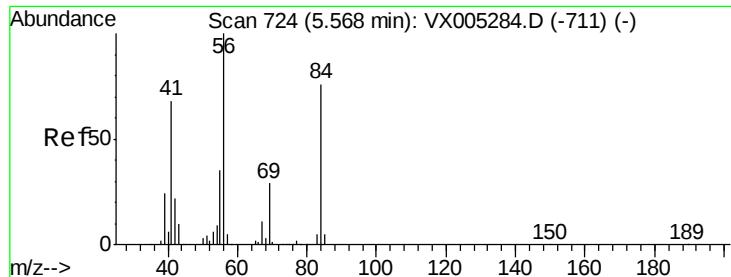
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#30
Chloroform
Concen: 49.15 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	70.2	52.6	79.0





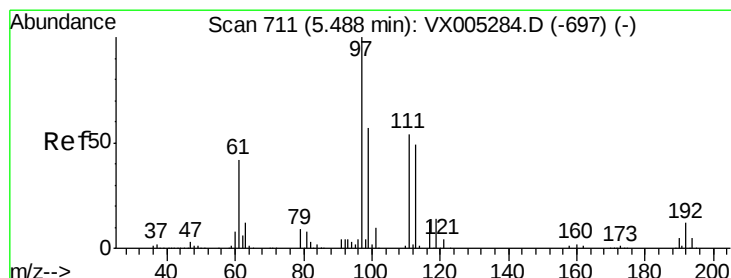
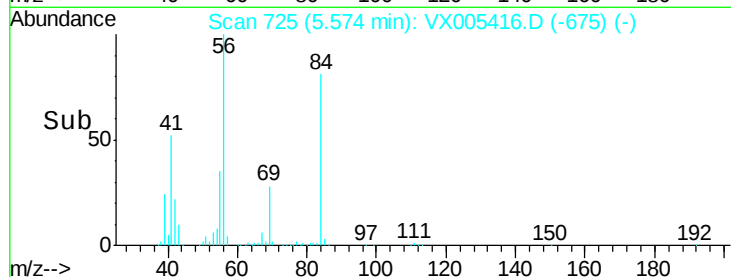
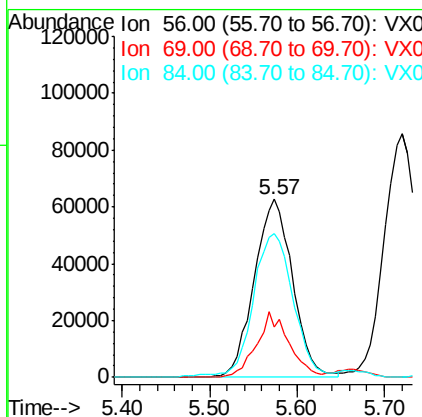
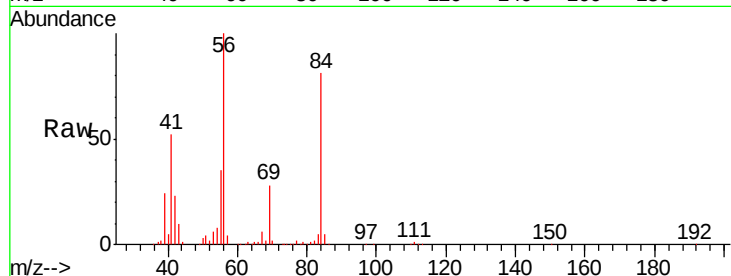
#31
Cyclohexane
Concen: 47.44 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.3	25.4	38.2
84	79.6	71.4	107.2

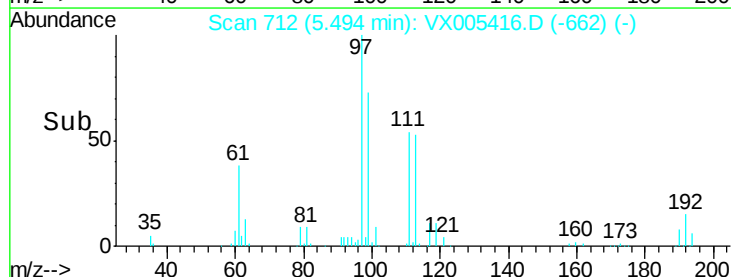
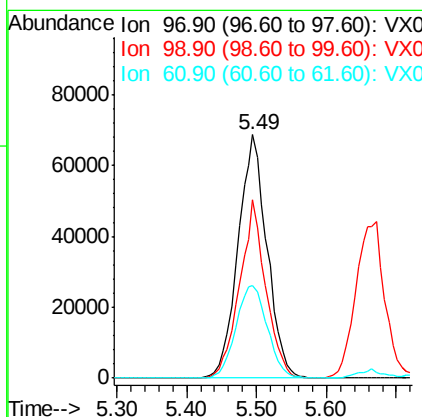
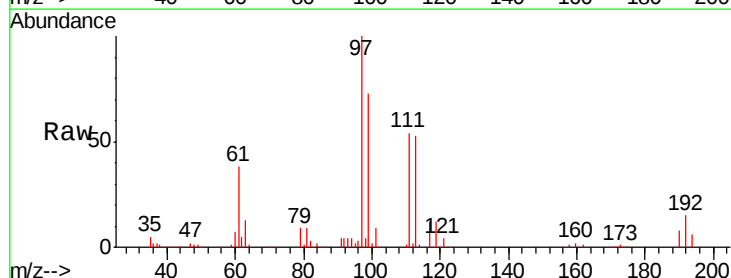
Manual Integrations
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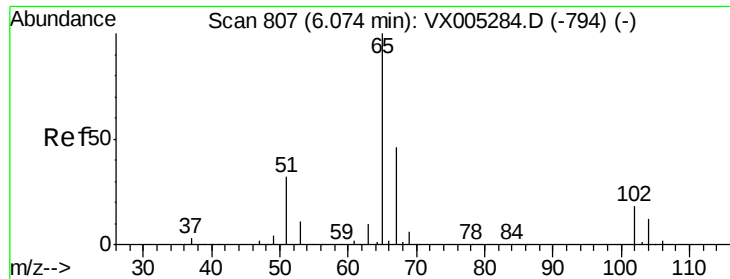
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#32
1,1,1-Trichloroethane
Concen: 49.63 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.3	52.0	78.0
61	41.5	34.9	52.3





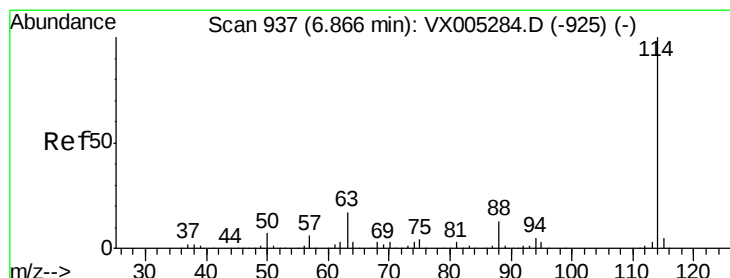
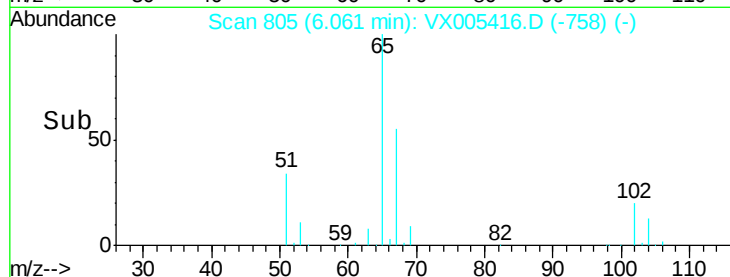
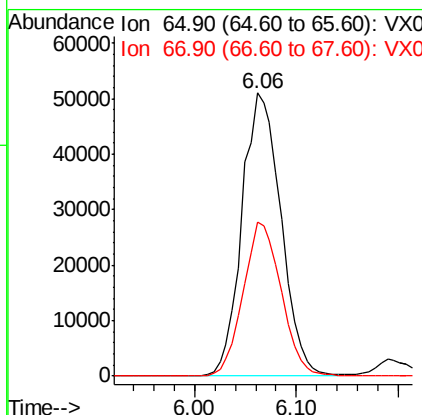
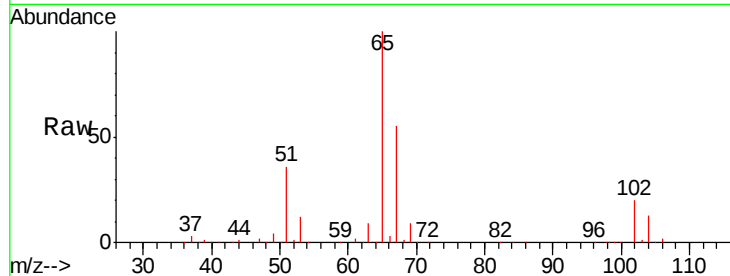
#33
 1,2-Dichloroethane-d4
 Concen: 46.13 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	135500		
67	53.1	0.0	106.8	

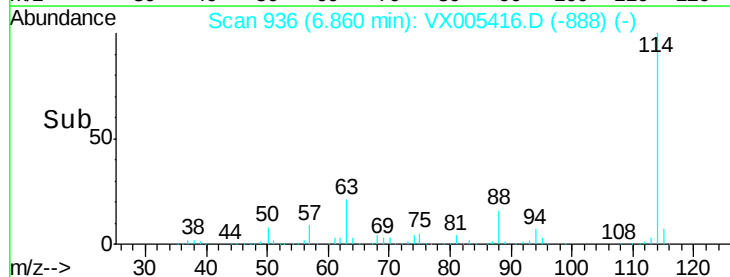
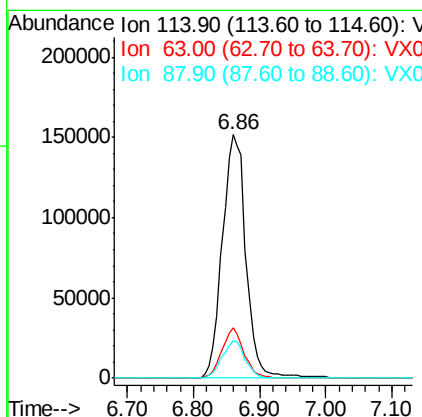
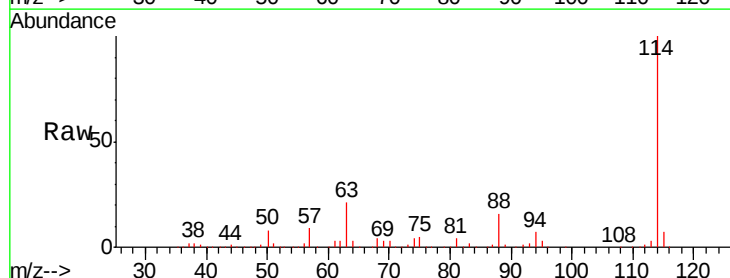
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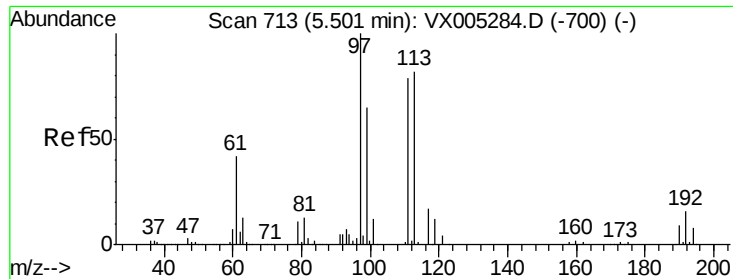
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	375942		
63	20.7	0.0	39.0	
88	15.5	0.0	30.4	





#35

Dibromofluoromethane

Concen: 45.10 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

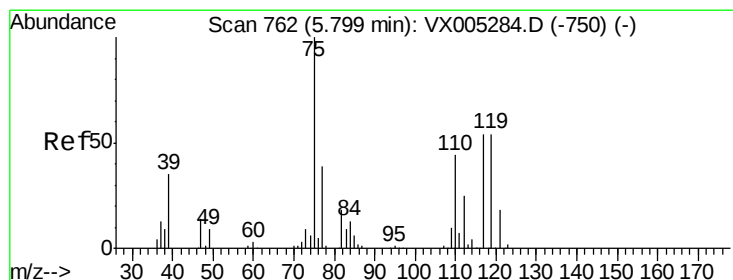
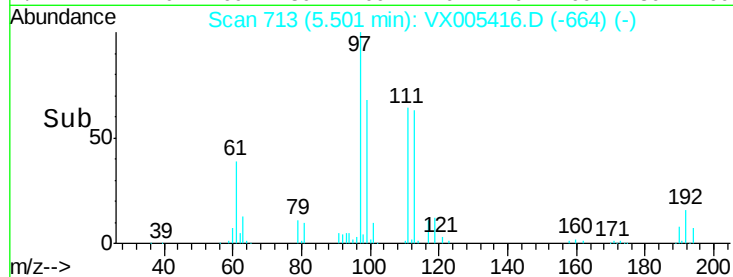
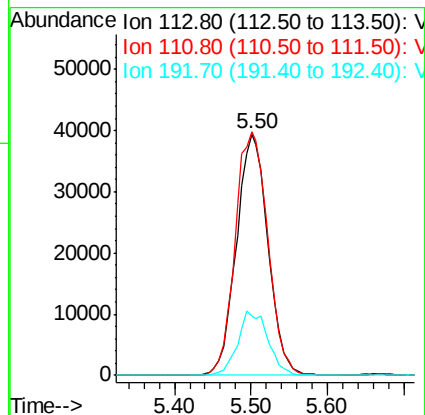
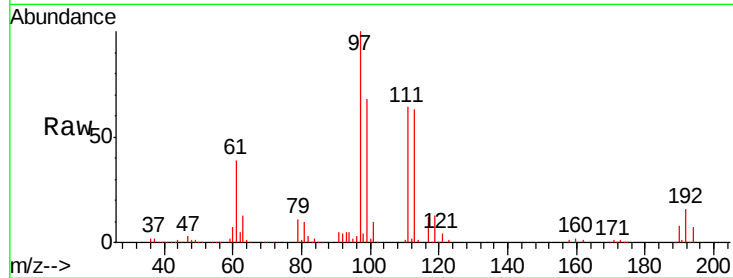
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	112304
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.4	123.6
192	25.5	19.4	29.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.31 ug/l

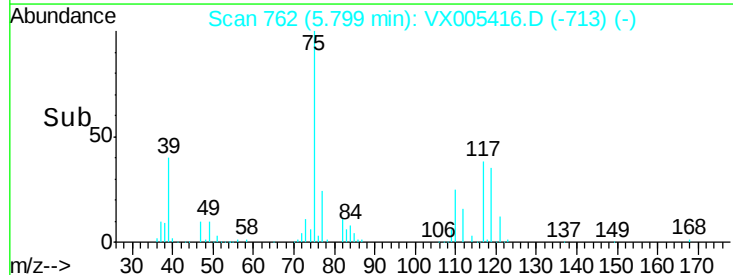
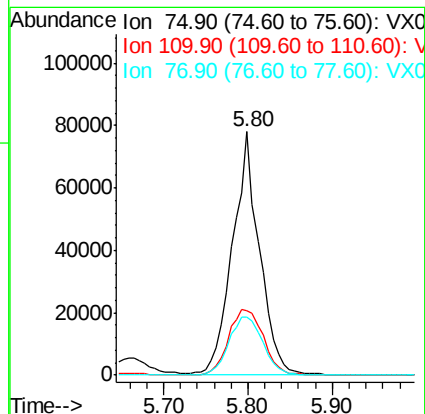
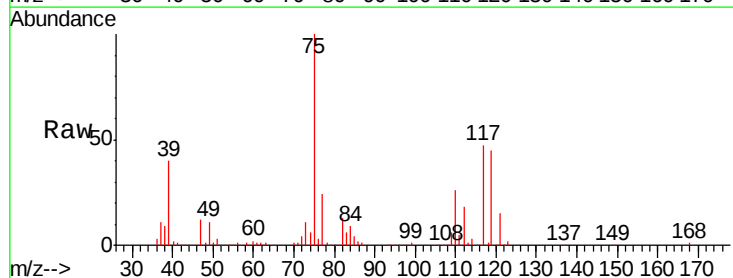
RT: 5.80 min Scan# 762

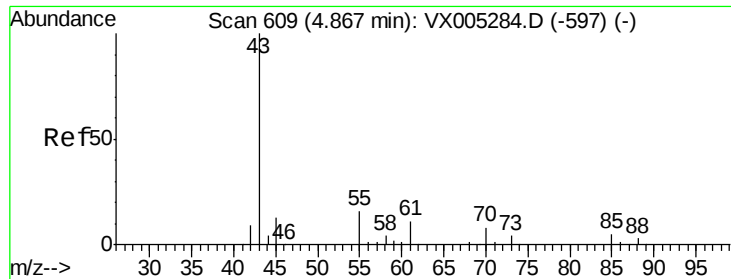
Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion:	75	Resp:	168631
Ion	Ratio	Lower	Upper
75	100		
110	35.1	18.0	54.0
77	30.6	24.6	36.8





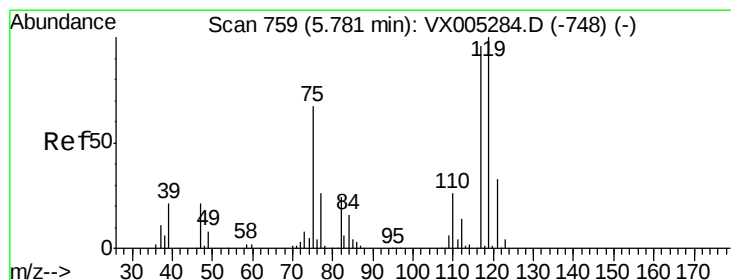
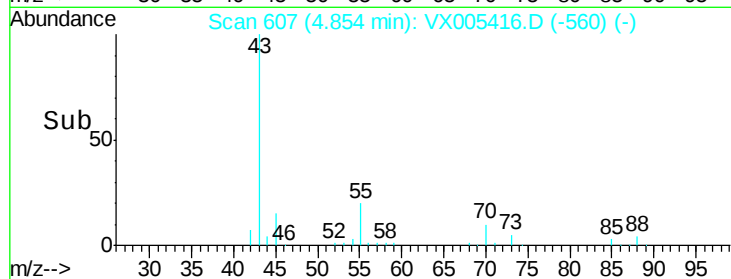
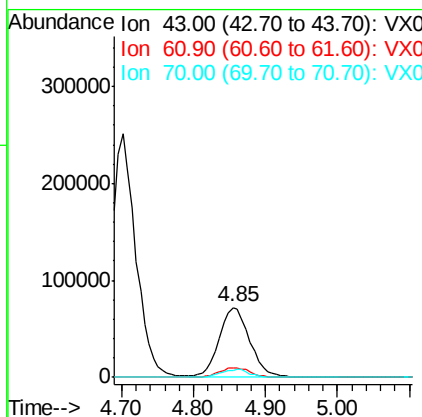
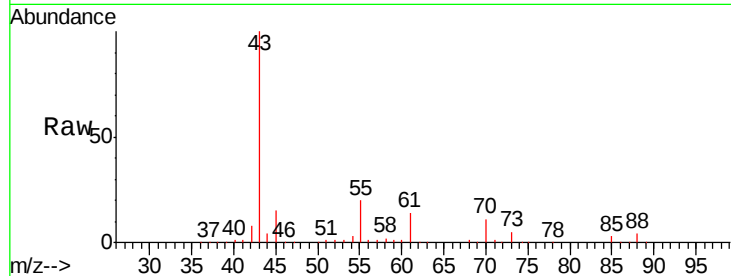
#37
Ethyl Acetate
Concen: 45.28 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.5	17.3
70	11.1	9.0	13.6

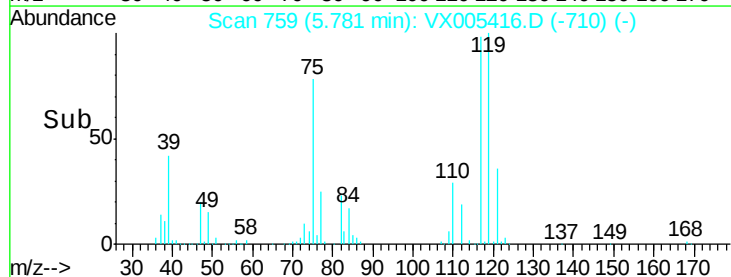
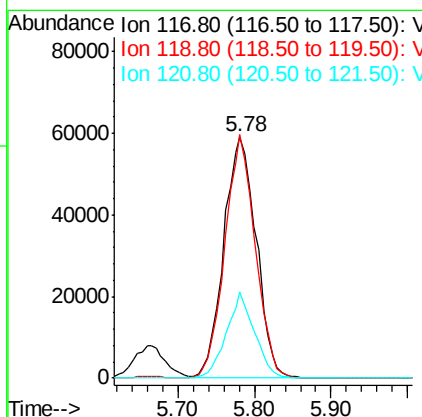
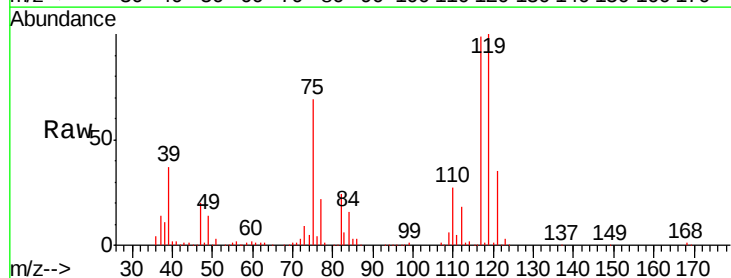
Manual Integrations
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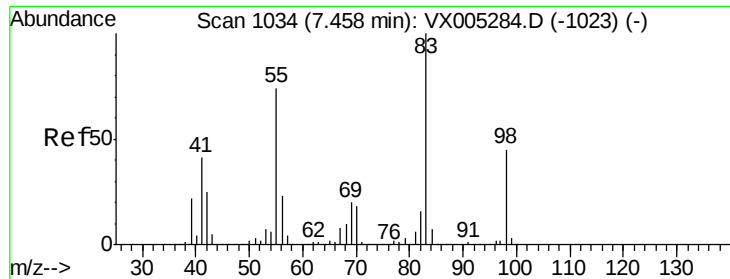
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#38
Carbon Tetrachloride
Concen: 47.26 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.8	78.8	118.2
121	35.6	24.9	37.3





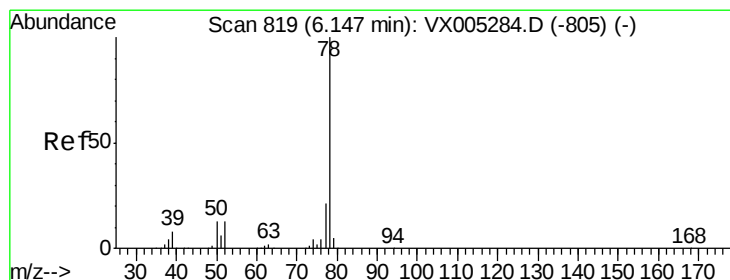
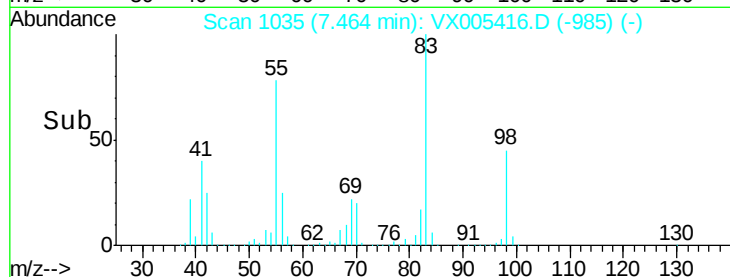
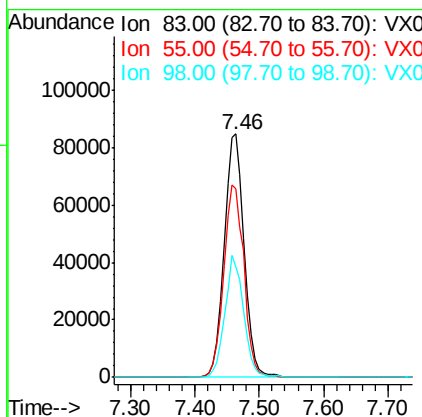
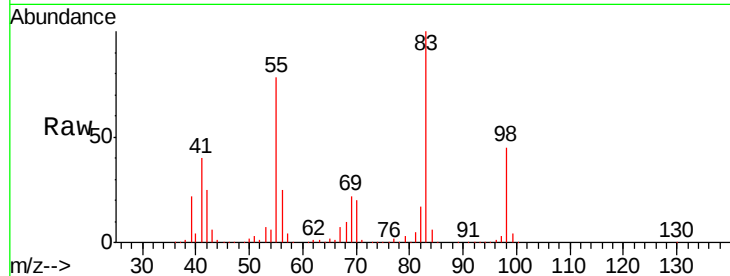
#39
Methylcyclohexane
Concen: 47.05 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	77.5	61.0	91.4
98	45.3	39.6	59.4

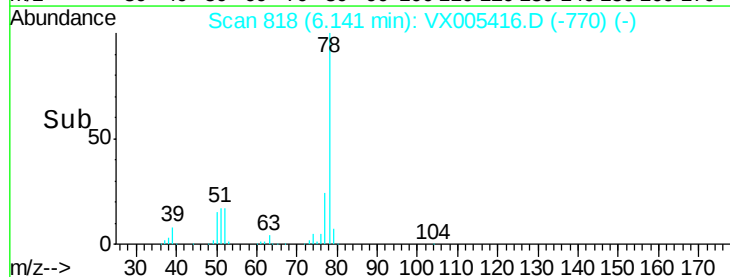
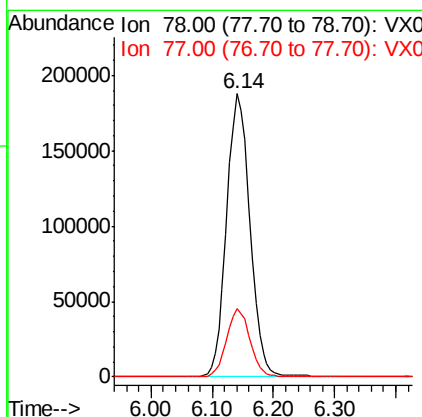
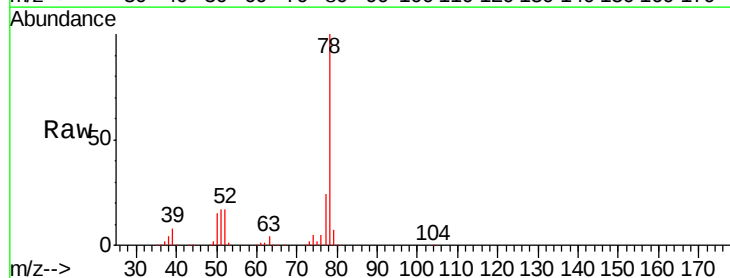
Manual Integrations
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#40
Benzene
Concen: 45.31 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	24.0	19.0	28.4





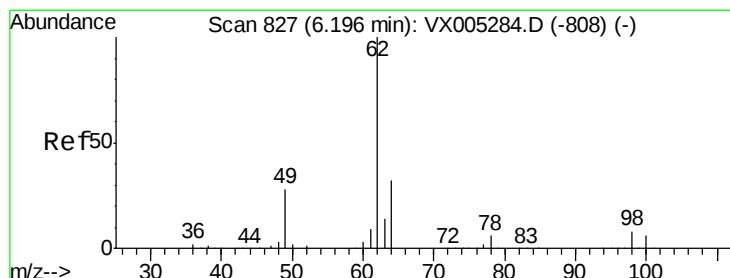
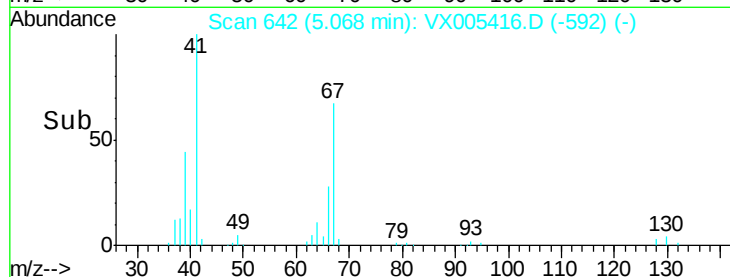
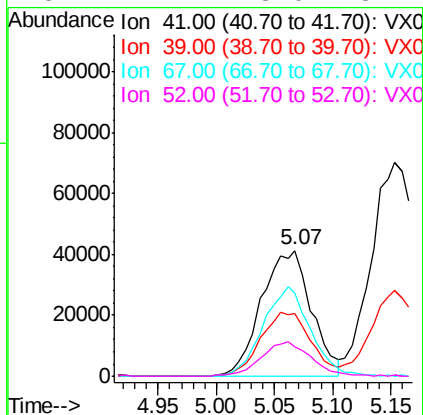
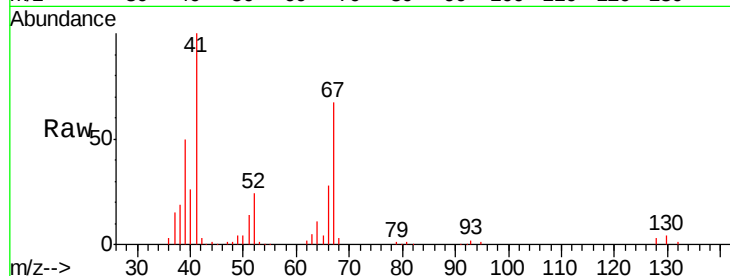
#41
Methacrylonitrile
Concen: 48.91 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	51.2	42.4	63.6
67	67.5	59.2	88.8
52	27.4	23.0	34.4

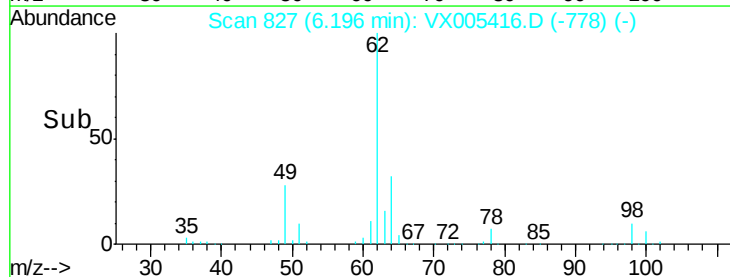
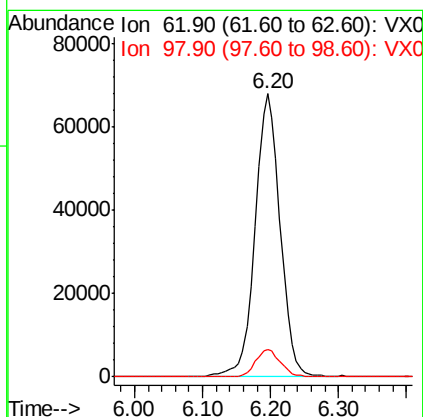
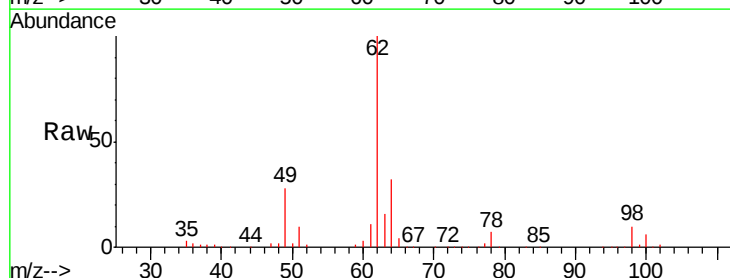
Manual Integrations
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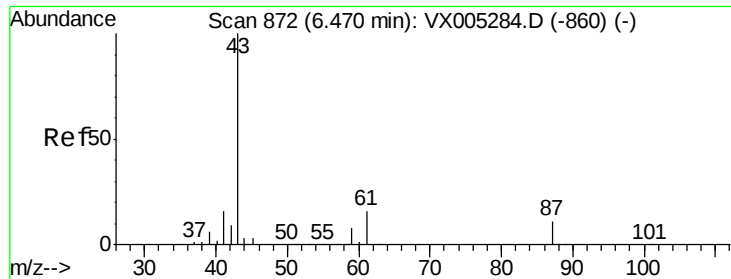
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#42
1,2-Dichloroethane
Concen: 45.34 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.6





#43

Isopropyl Acetate

Concen: 52.06 ug/l

RT: 6.47 min Scan# 872

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

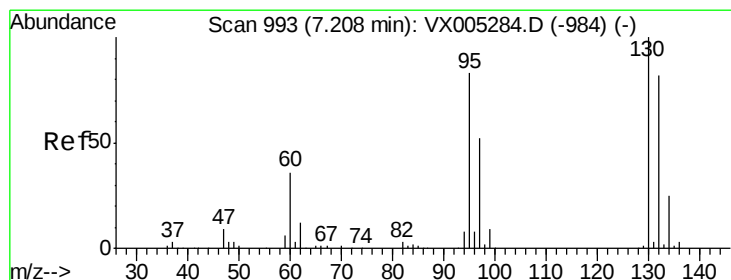
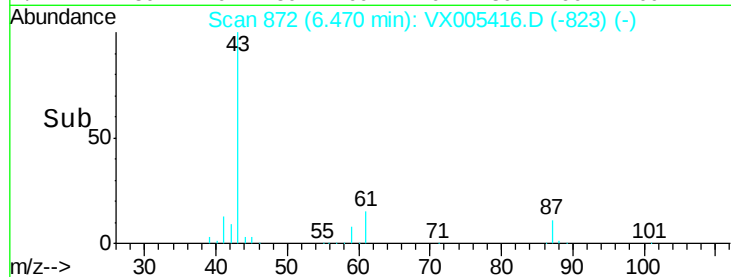
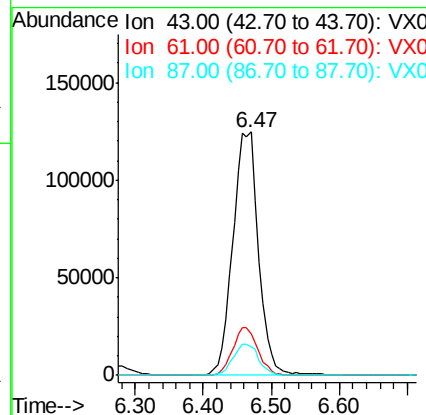
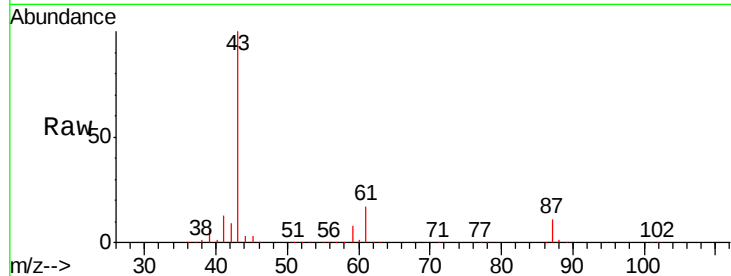
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	324728
Ion	Ratio	Lower	Upper
43	100		
61	19.4	17.0	25.4
87	12.8	11.4	17.2

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#44

Trichloroethene

Concen: 48.29 ug/l

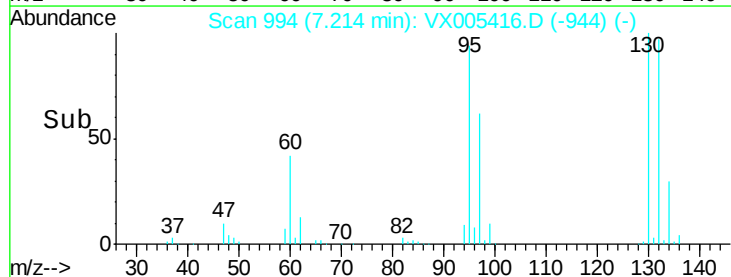
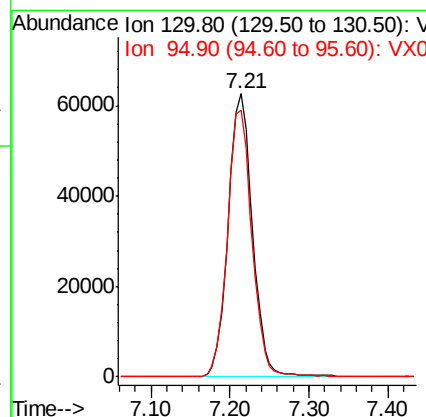
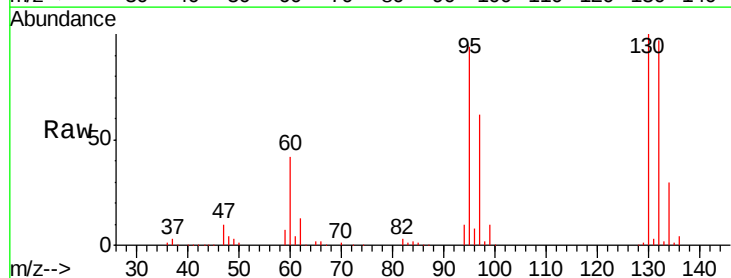
RT: 7.21 min Scan# 994

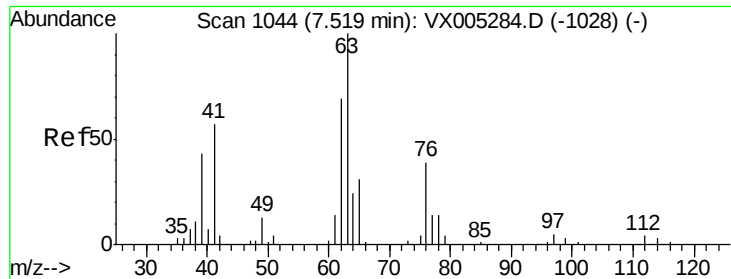
Delta R.T. 0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion:	130	Resp:	134728
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	181.6





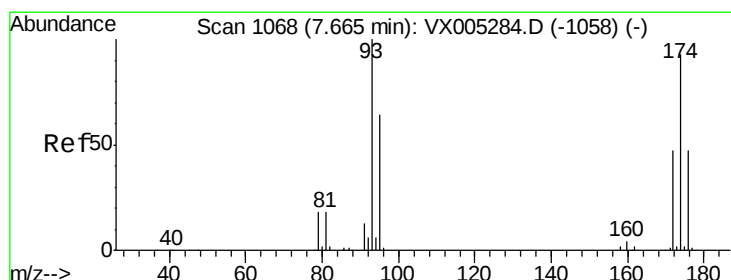
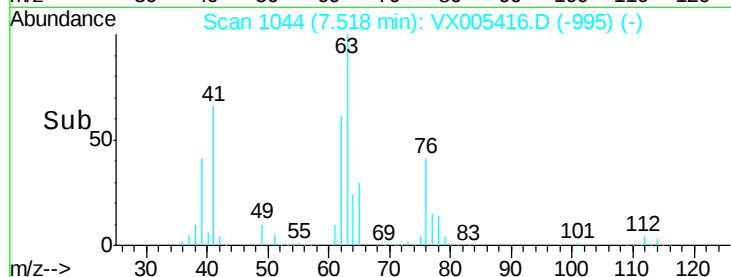
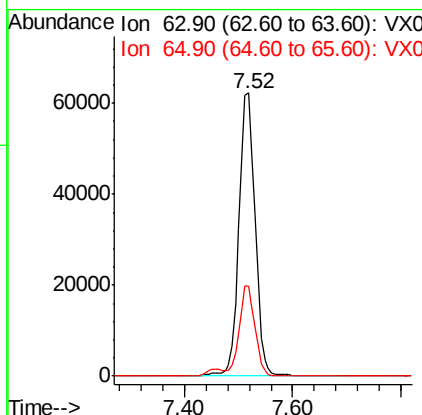
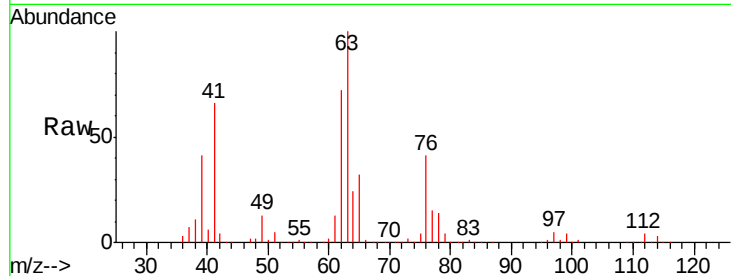
#45
 1,2-Dichloropropane
 Concen: 49.14 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 131649
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.3 36.5

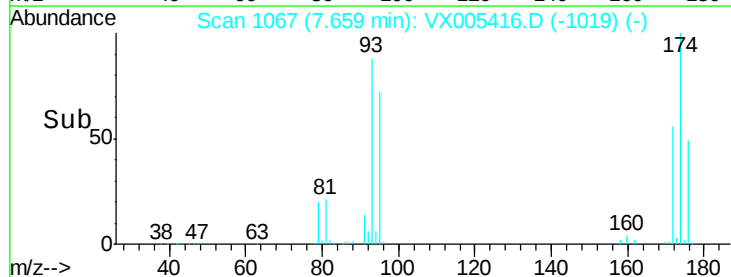
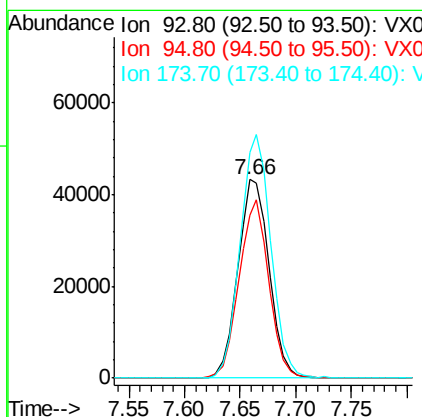
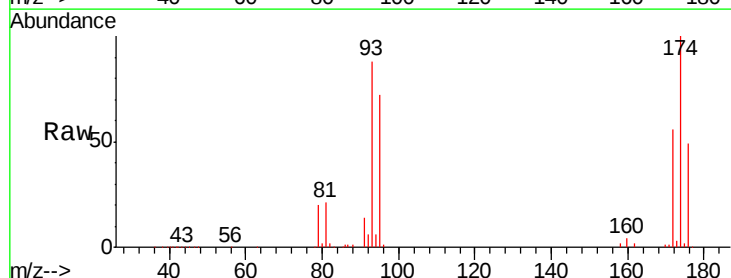
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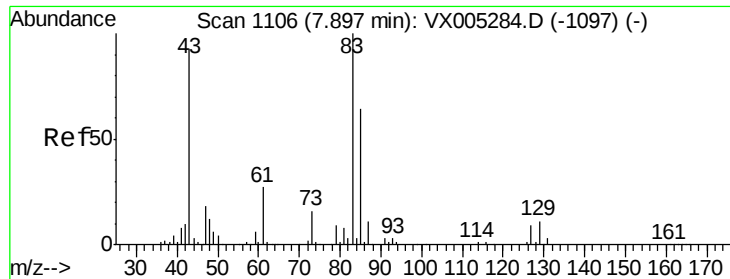
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#46
 Dibromomethane
 Concen: 47.62 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion: 93 Resp: 84200
 Ion Ratio Lower Upper
 93 100
 95 85.4 65.5 98.3
 174 121.0 94.2 141.4





#47

Bromodichloromethane

Concen: 50.60 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

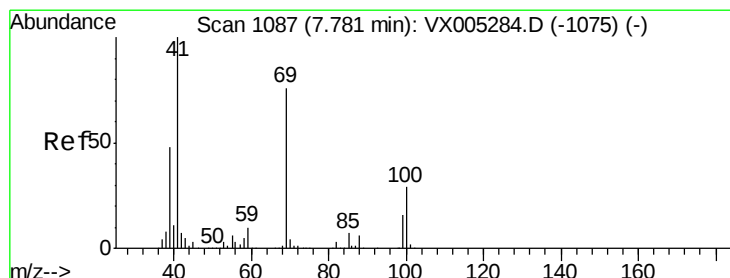
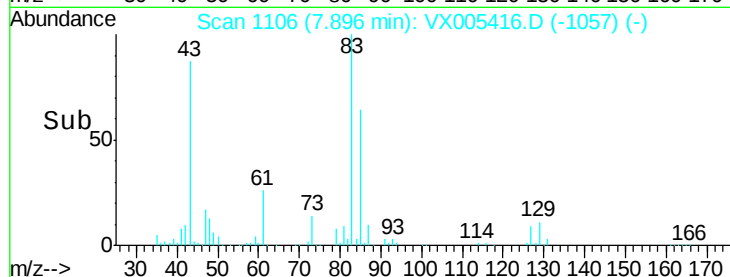
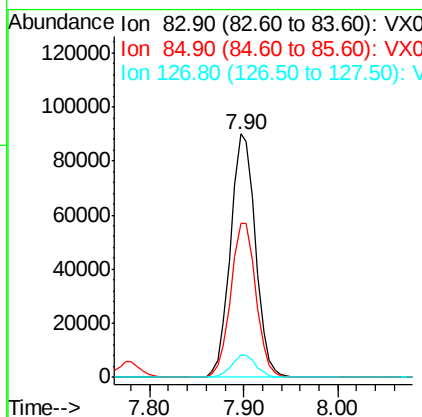
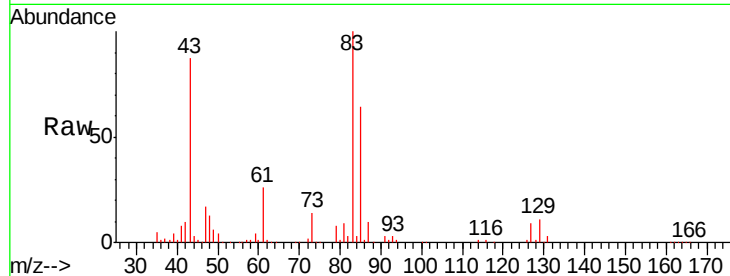
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	165493
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.9	76.3
127	9.1	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.61 ug/l

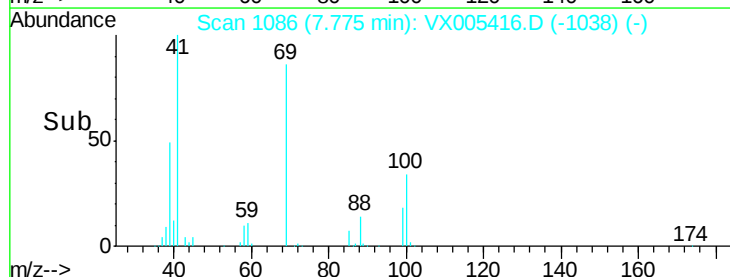
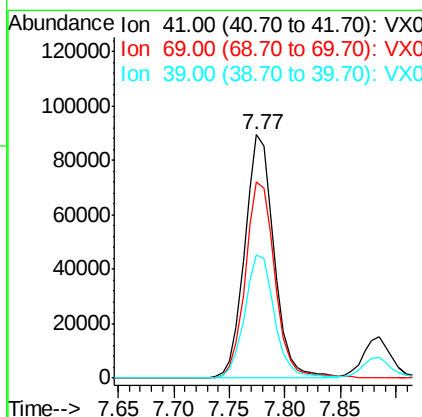
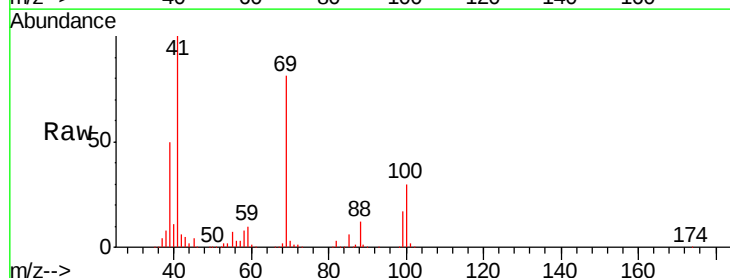
RT: 7.77 min Scan# 1086

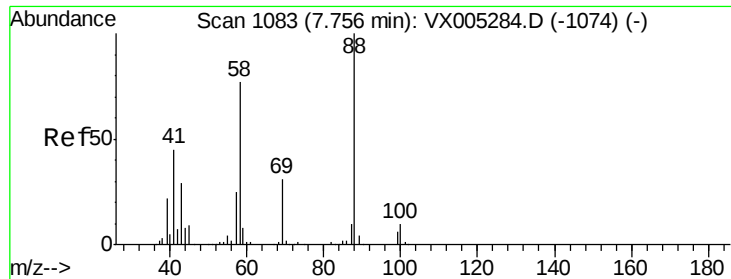
Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion:	41	Resp:	163734
Ion Ratio	Lower	Upper	
41	100		
69	82.2	70.2	105.4
39	51.8	42.7	64.1





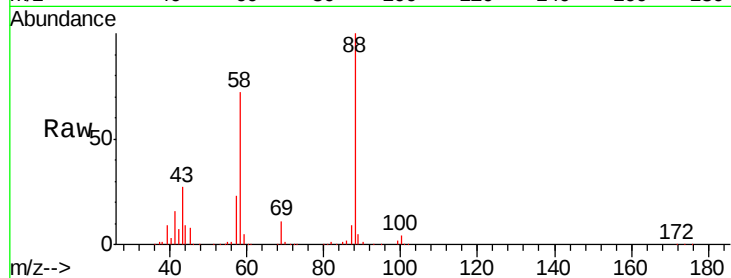
#49
1,4-Dioxane
Concen: 1013.36 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.7	24.7	37.1
58	72.3	55.3	82.9

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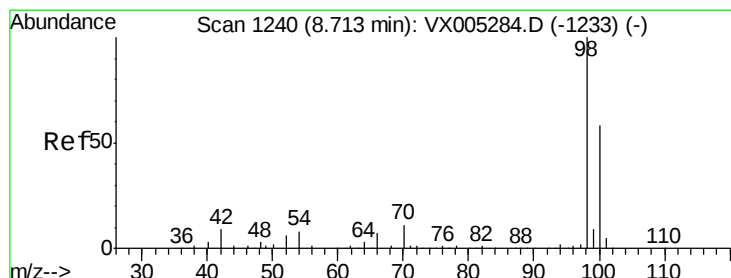
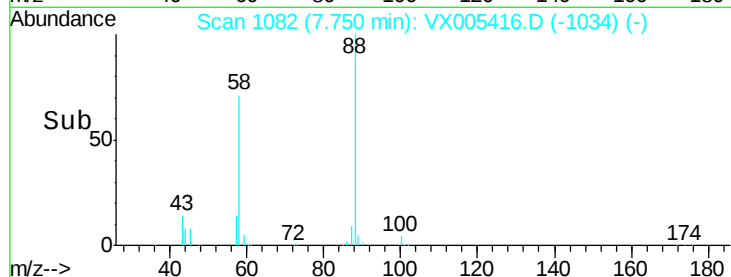
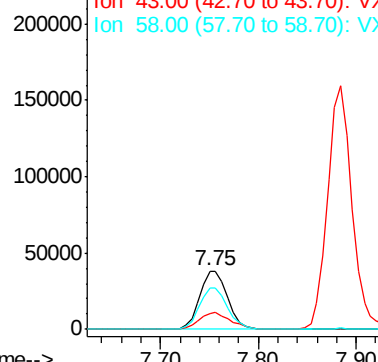


Abundance

Ion 88.00 (87.70 to 88.70): VX0

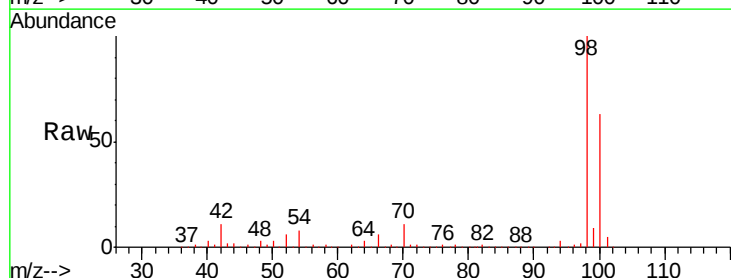
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.30 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

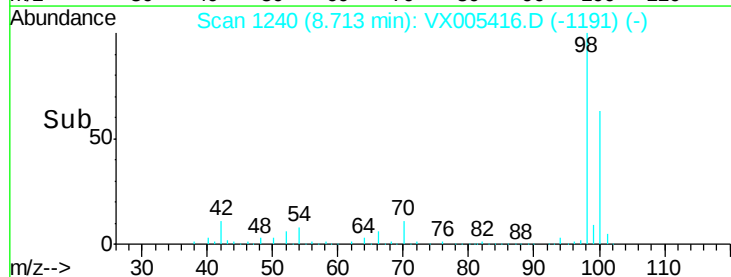
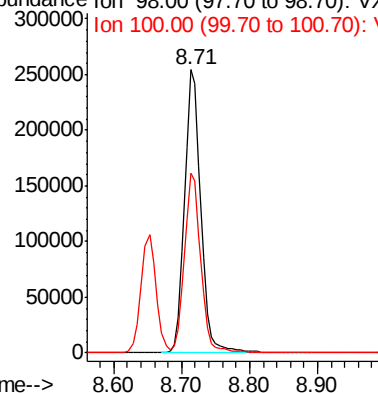
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.9	79.3

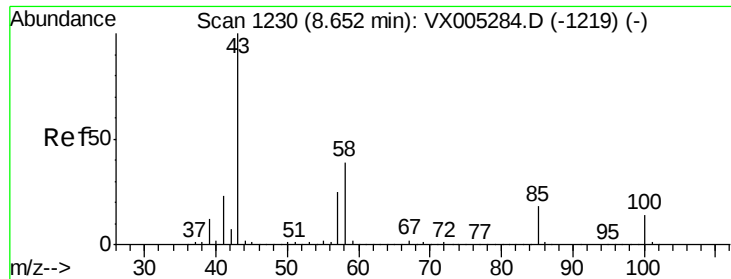


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





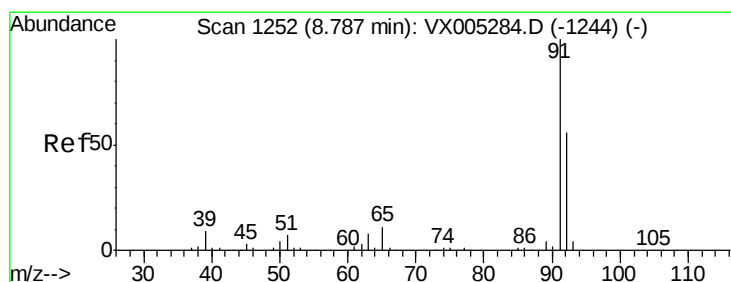
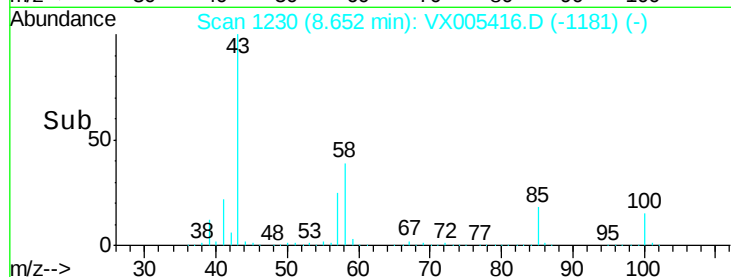
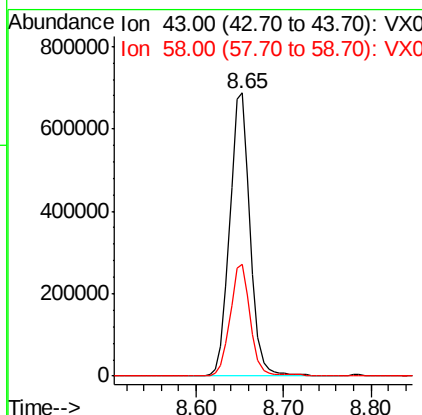
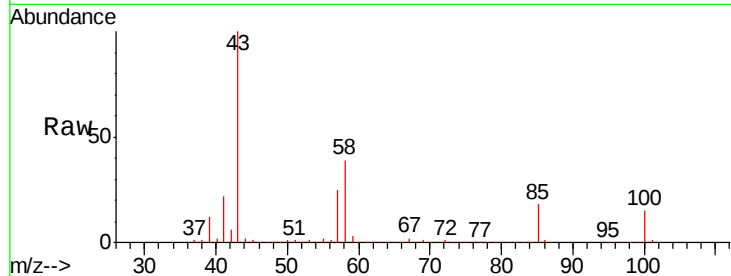
#51
4-Methyl-2-Pentanone
Concen: 258.57 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1116740
Ion Ratio Lower Upper
43 100
58 38.8 33.1 49.7

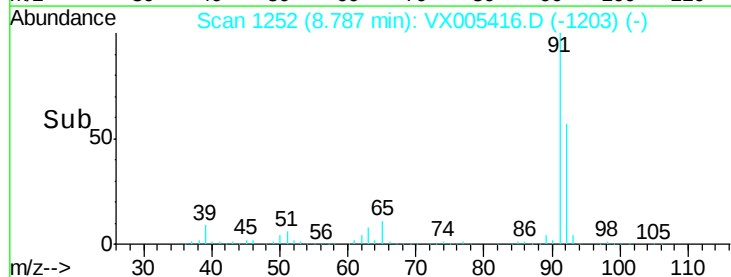
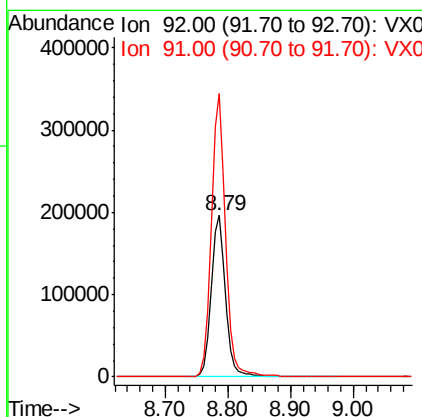
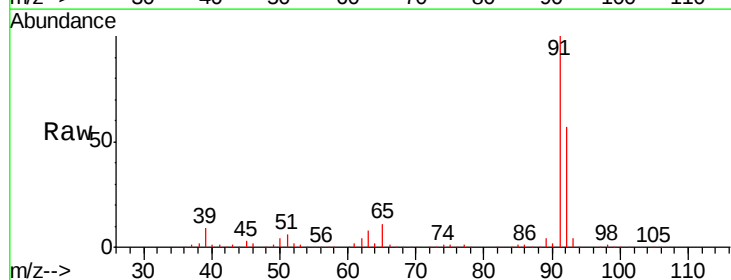
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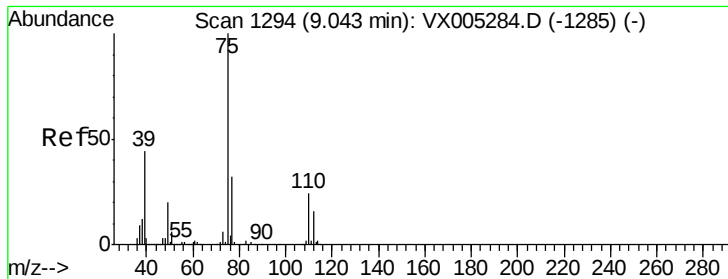
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#52
Toluene
Concen: 51.62 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 92 Resp: 308443
Ion Ratio Lower Upper
92 100
91 174.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 50.99 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 180492

Ion Ratio Lower Upper

75 100

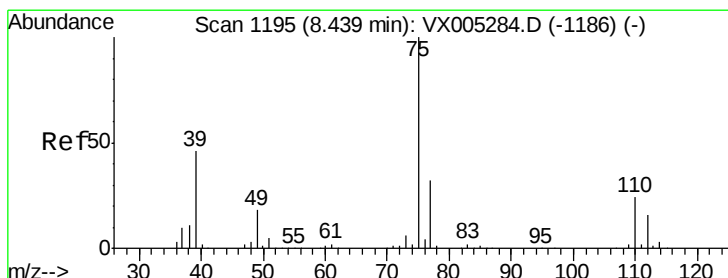
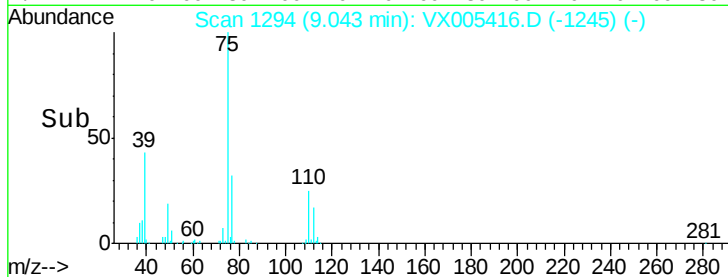
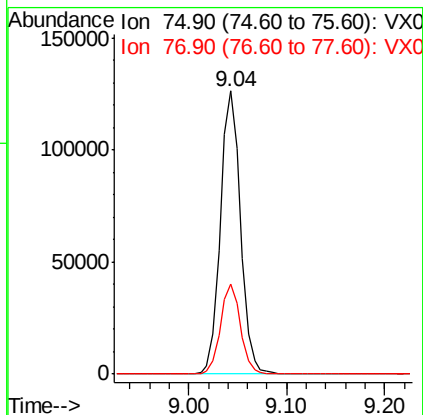
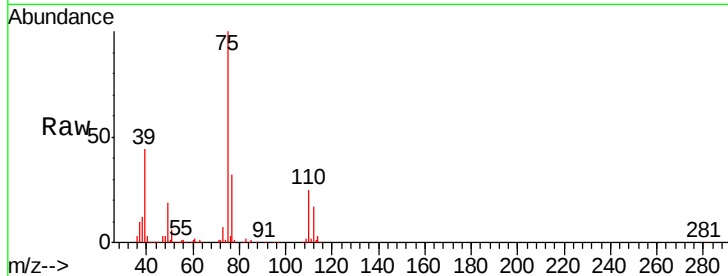
77 31.8 24.6 37.0

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#54

cis-1,3-Dichloropropene

Concen: 50.78 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

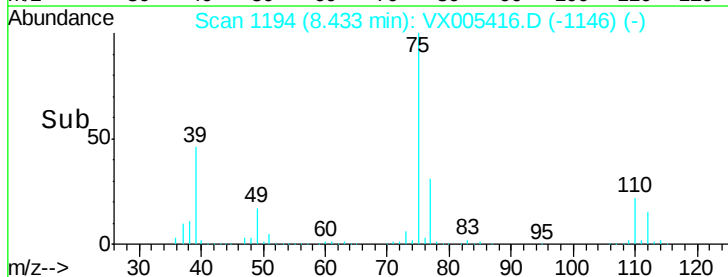
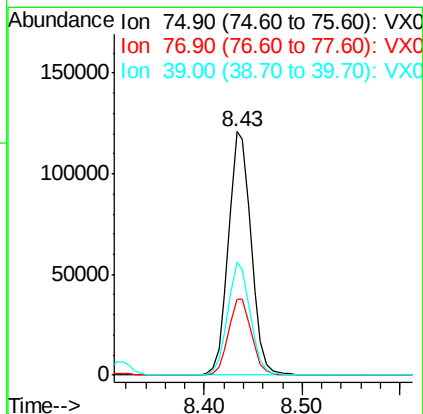
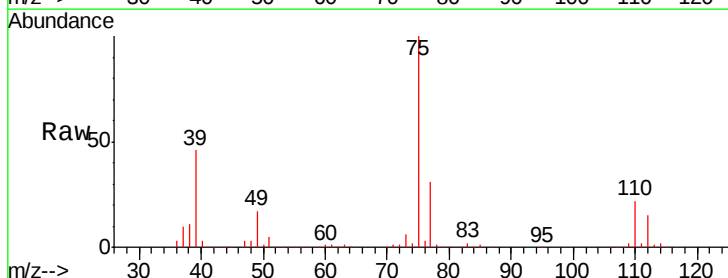
Tgt Ion: 75 Resp: 194750

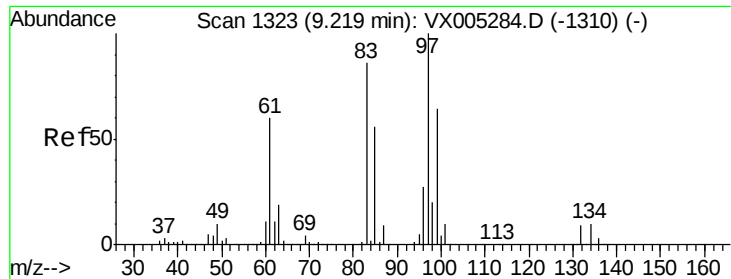
Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 46.2 36.4 54.6





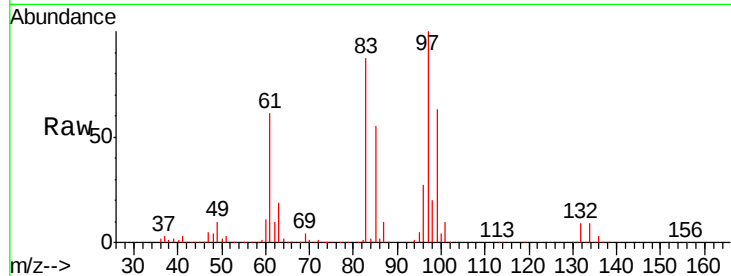
#55
 1,1,2-Trichloroethane
 Concen: 51.00 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

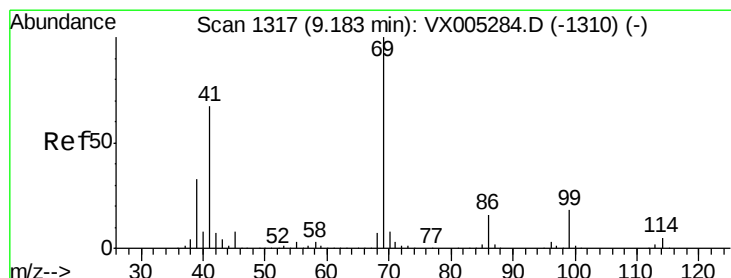
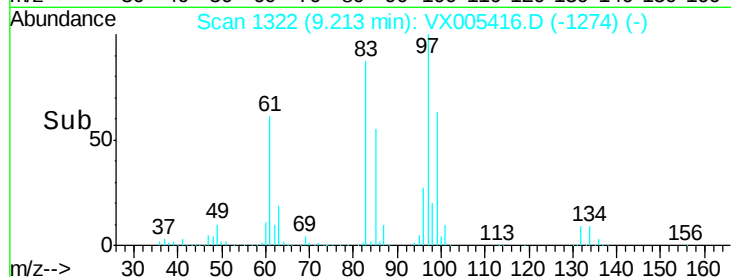
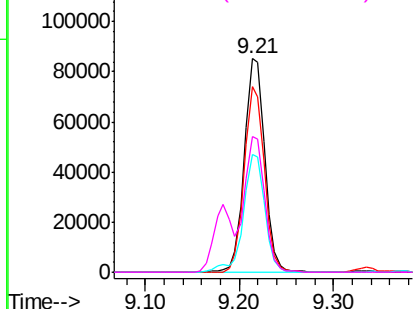
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.4	99.6
85	55.4	43.3	64.9
99	63.5	49.0	73.4

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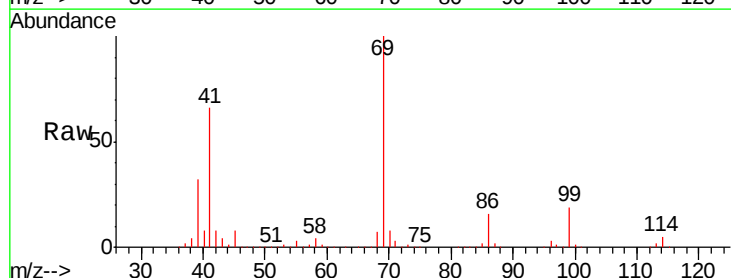


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

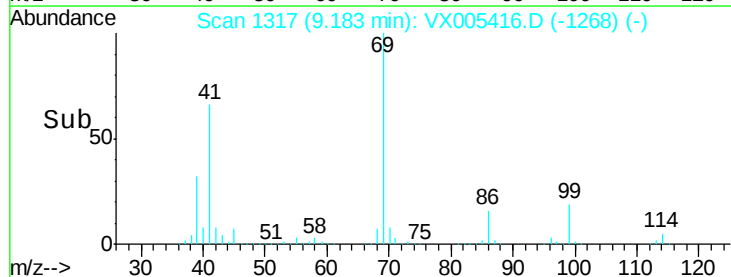
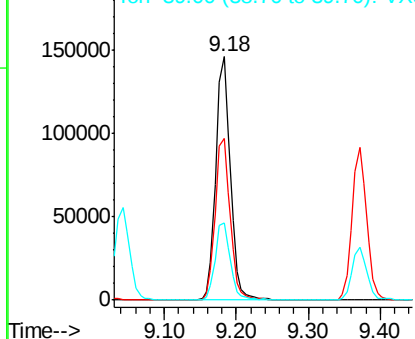


#56
 Ethyl methacrylate
 Concen: 55.57 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.1	51.0	76.4
39	32.8	26.1	39.1



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: 51.58 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 217908

Ion Ratio Lower Upper

76 100

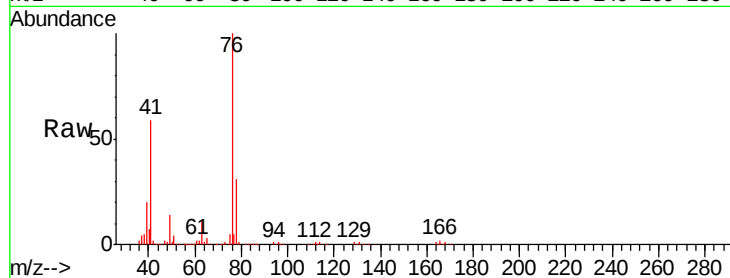
78 31.8 25.5 38.3

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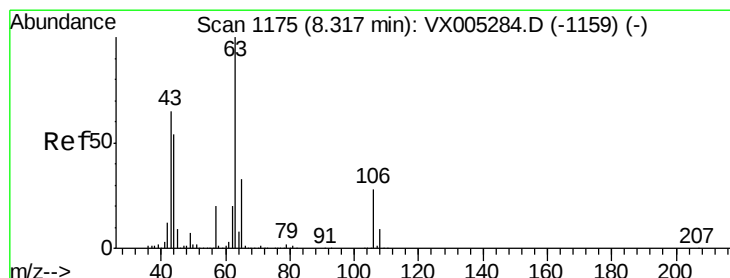
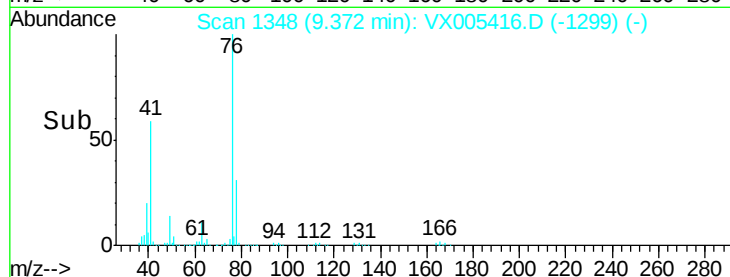
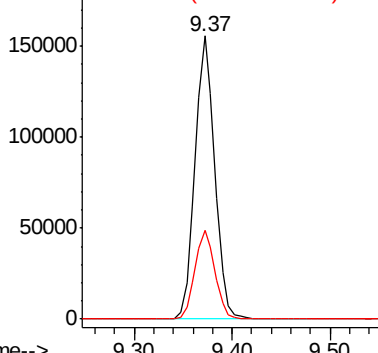
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 266.48 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005416.D

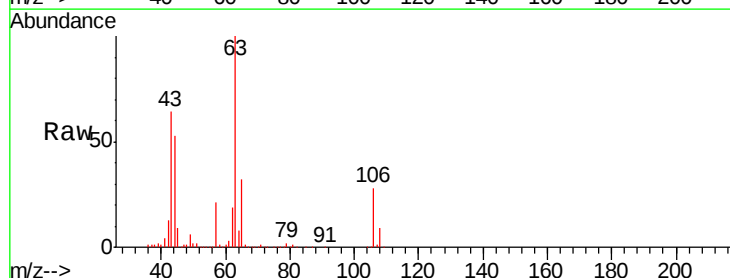
Acq: 18 Oct 2018 03:20

Tgt Ion: 63 Resp: 551402

Ion Ratio Lower Upper

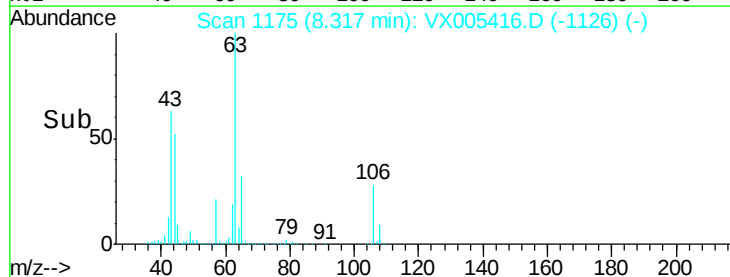
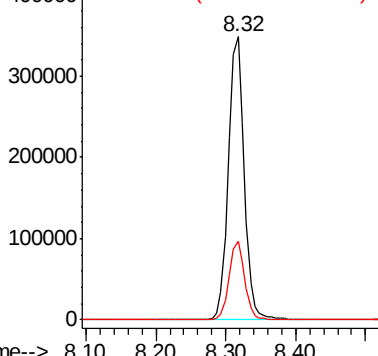
63 100

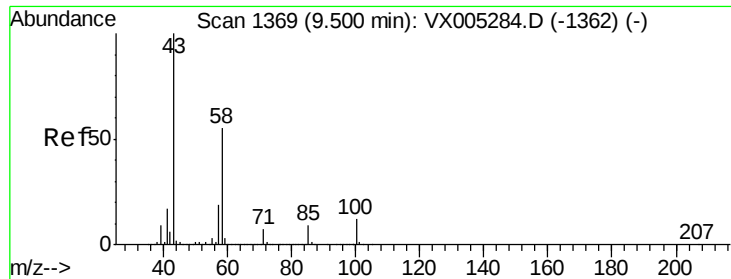
106 27.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





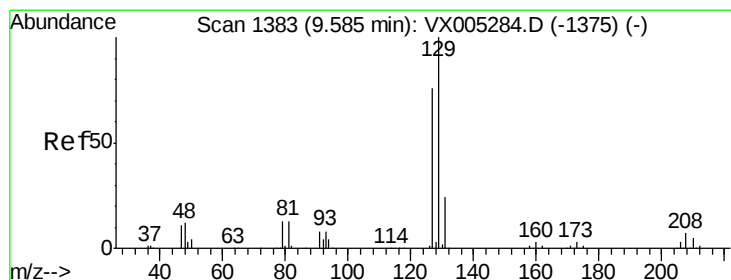
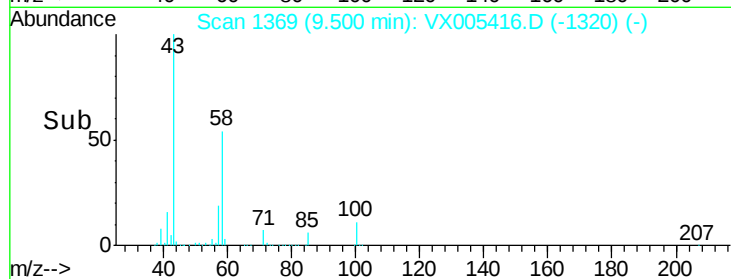
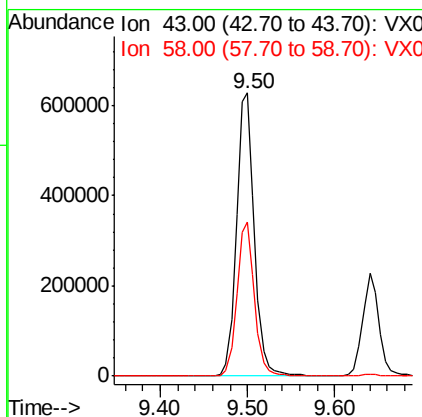
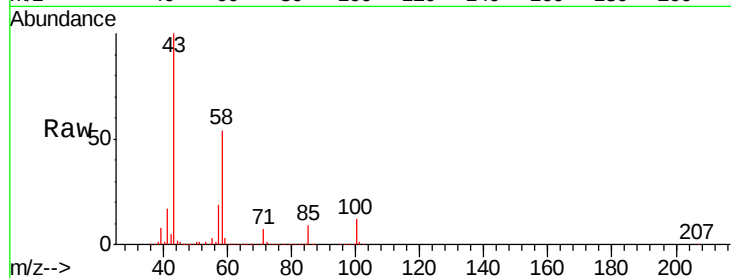
#59
2-Hexanone
Concen: 257.06 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 893065
Ion Ratio Lower Upper
43 100
58 53.6 29.0 87.0

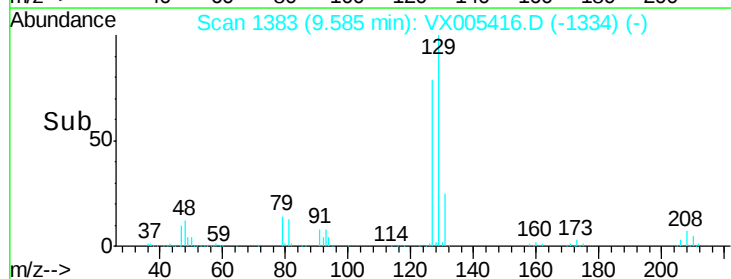
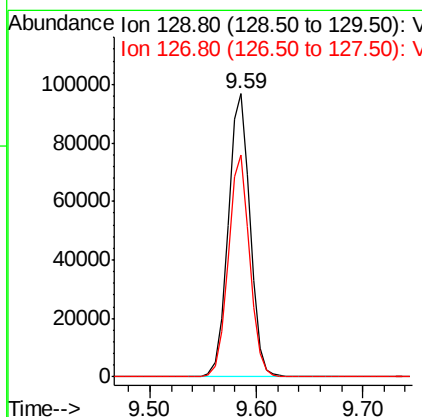
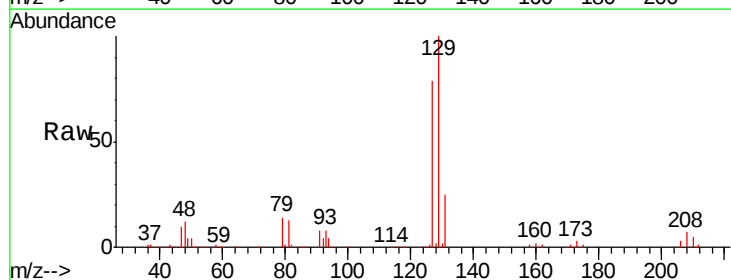
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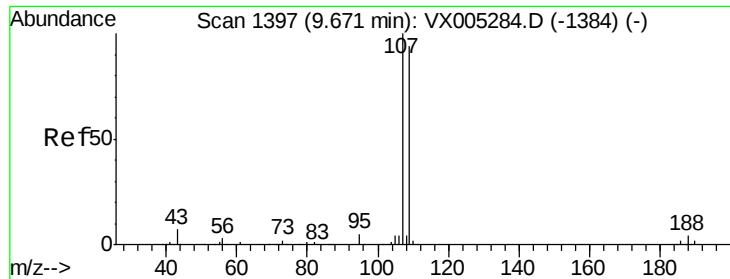
MMDadoda
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#60
Dibromochloromethane
Concen: 53.12 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 129 Resp: 138974
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





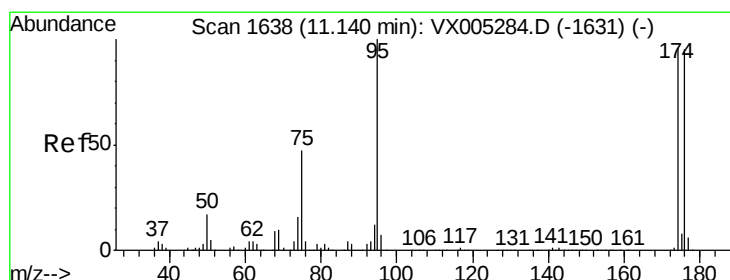
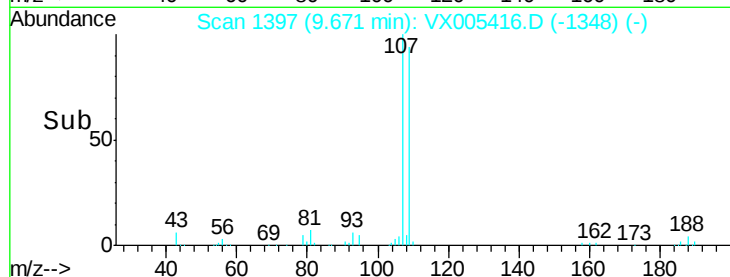
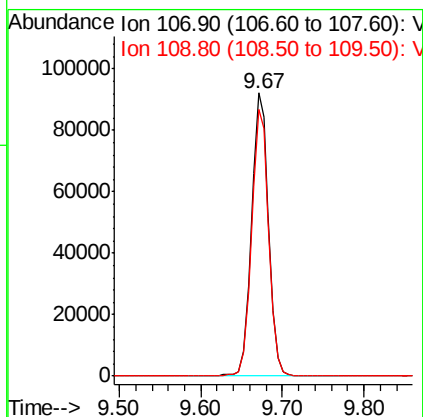
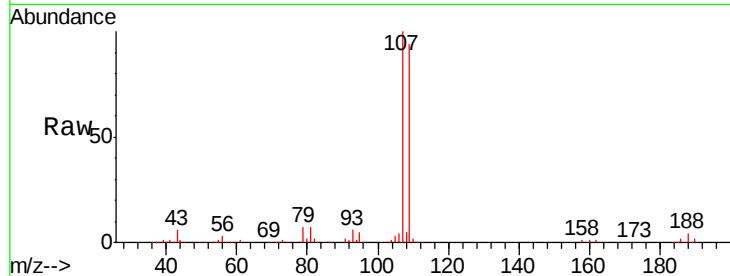
#61
 1,2-Dibromoethane
 Concen: 50.67 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 107 Resp: 134592
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.0 114.0

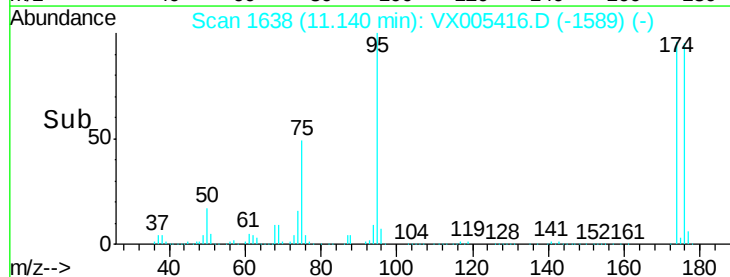
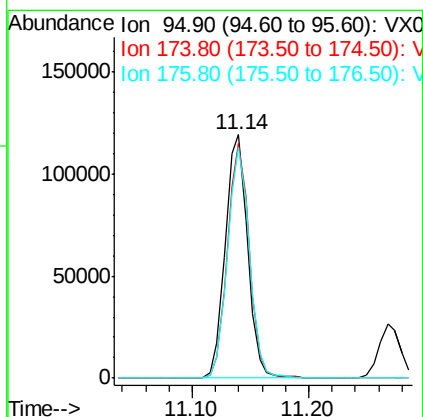
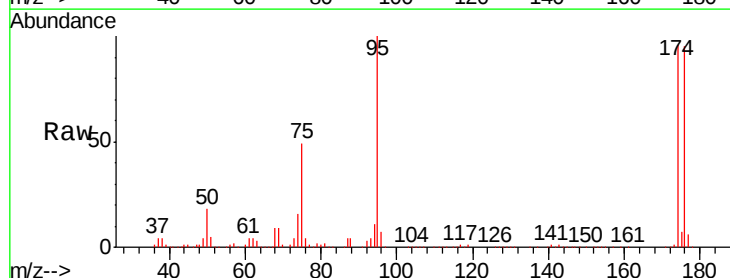
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#62
 4-Bromofluorobenzene
 Concen: 49.59 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion: 95 Resp: 159239
 Ion Ratio Lower Upper
 95 100
 174 94.9 0.0 185.2
 176 93.0 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

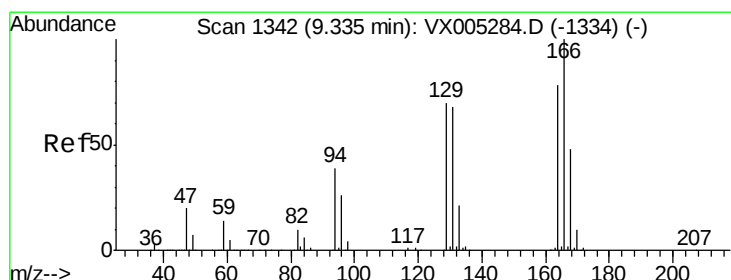
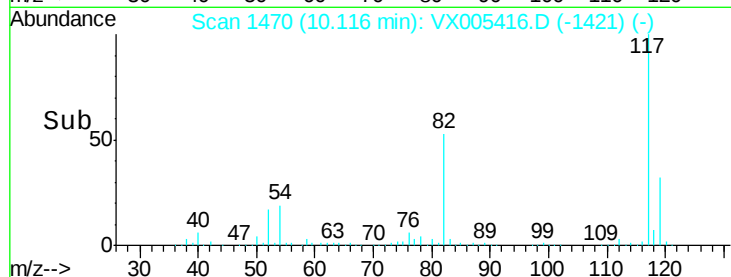
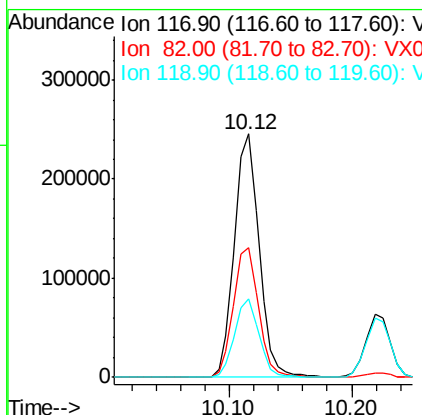
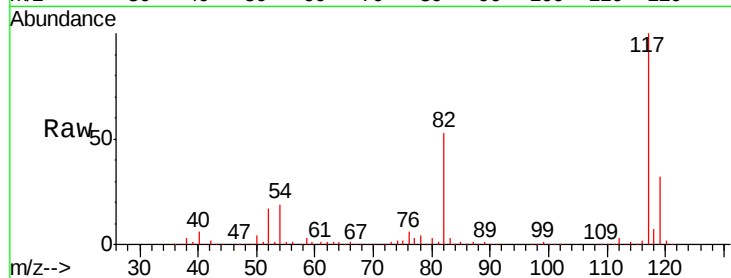
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	117	Resp:	343764
Ion Ratio	Lower	Upper	
117	100		
82	53.1	47.8	71.6
119	32.3	29.3	43.9

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#64

Tetrachloroethene

Concen: 50.15 ug/l

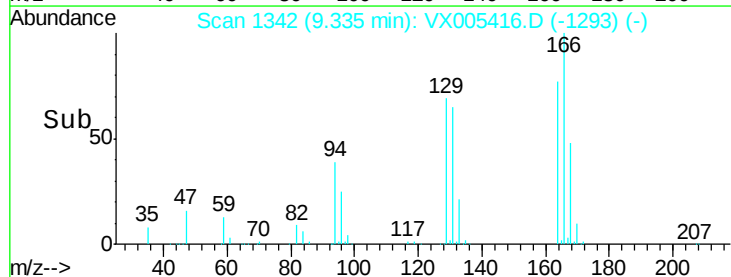
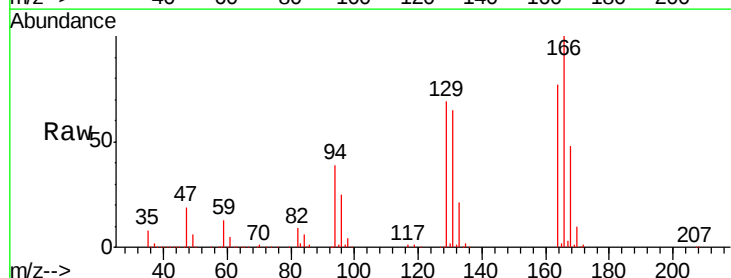
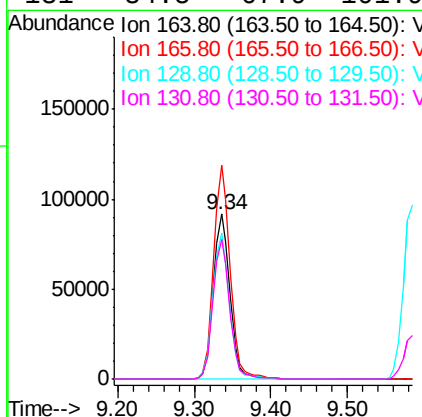
RT: 9.34 min Scan# 1342

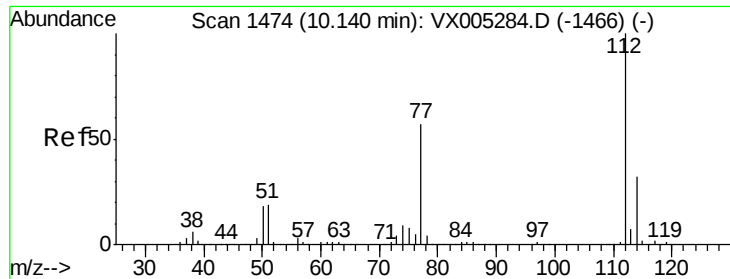
Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion:	164	Resp:	138802
Ion Ratio	Lower	Upper	
164	100		
166	129.6	102.8	154.2
129	88.8	69.4	104.0
131	84.5	67.9	101.9





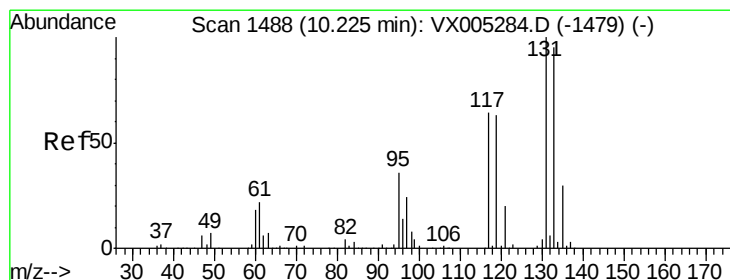
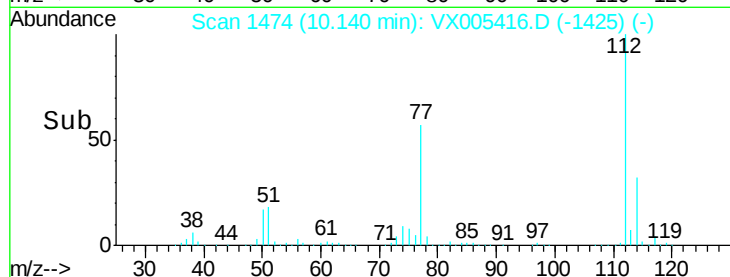
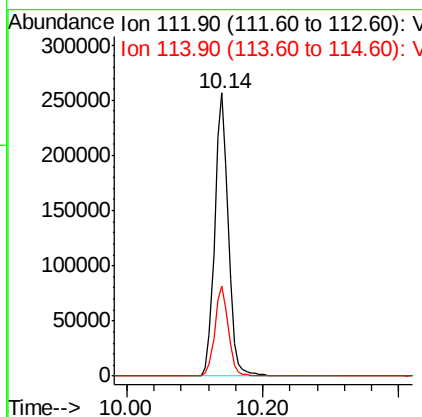
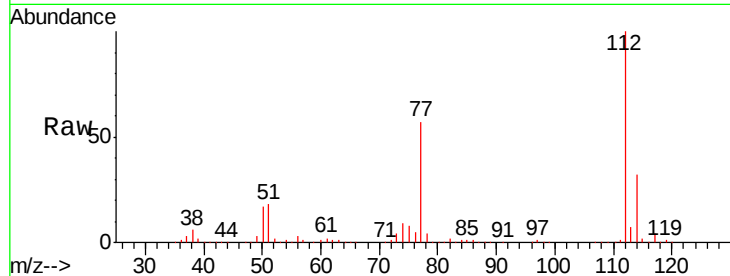
#65
Chlorobenzene
Concen: 48.69 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 356029
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8

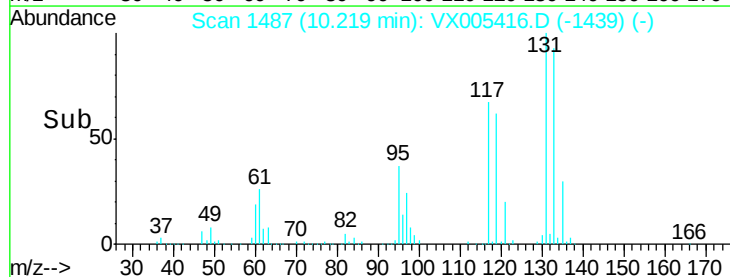
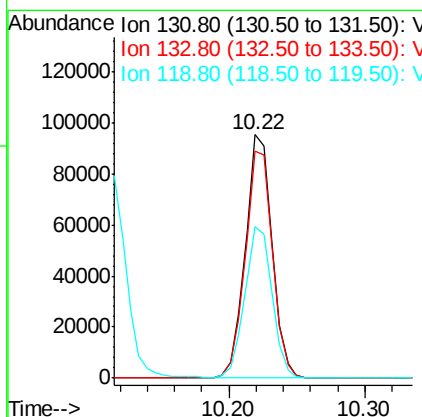
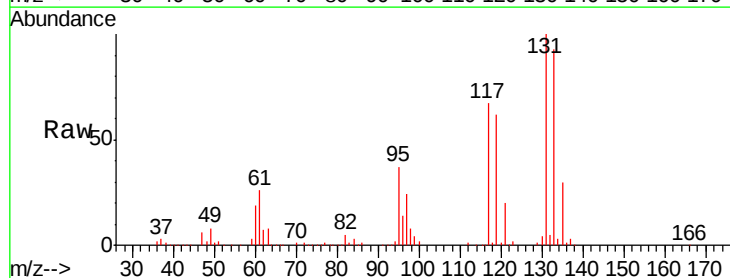
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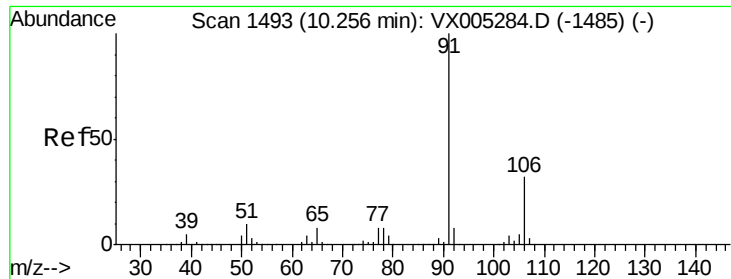
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.31 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion:131 Resp: 131091
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 63.8 32.9 98.6





#67

Ethyl Benzene

Concen: 50.56 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 601014

Ion Ratio Lower Upper

91 100

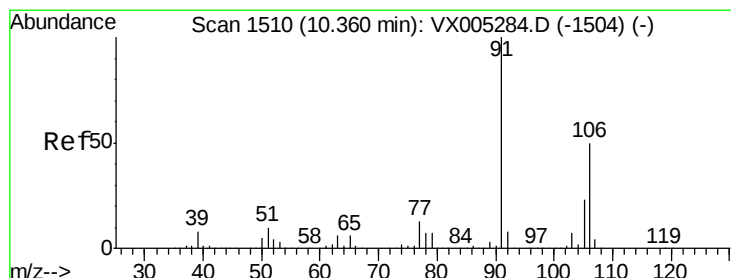
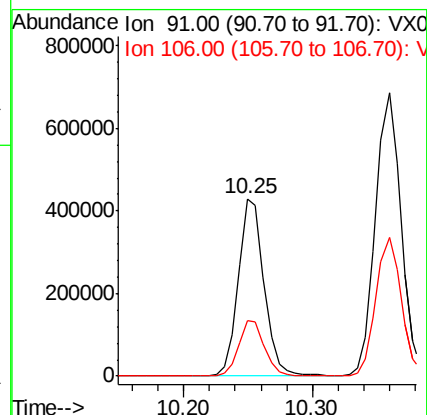
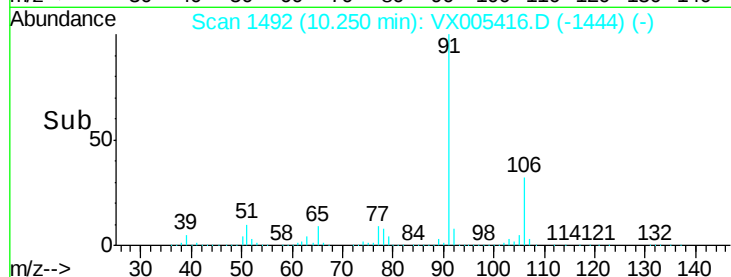
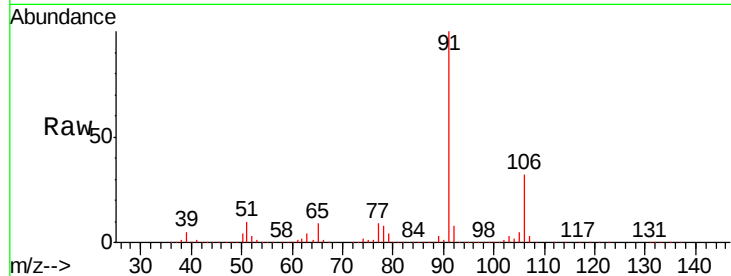
106 31.6 25.9 38.9

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#68

m/p-Xylenes

Concen: 100.85 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005416.D

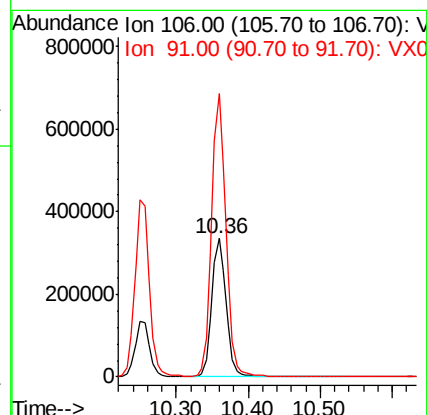
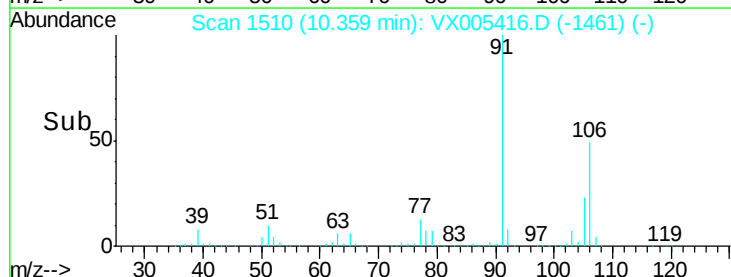
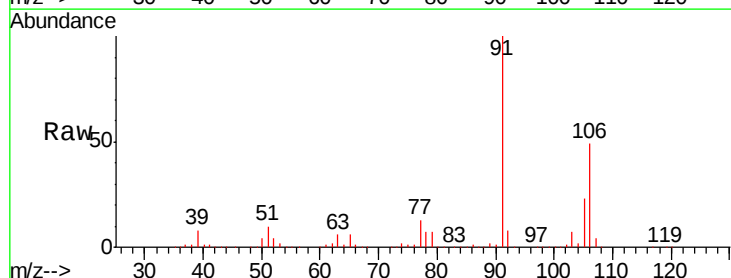
Acq: 18 Oct 2018 03:20

Tgt Ion: 106 Resp: 465301

Ion Ratio Lower Upper

106 100

91 204.4 157.1 235.7





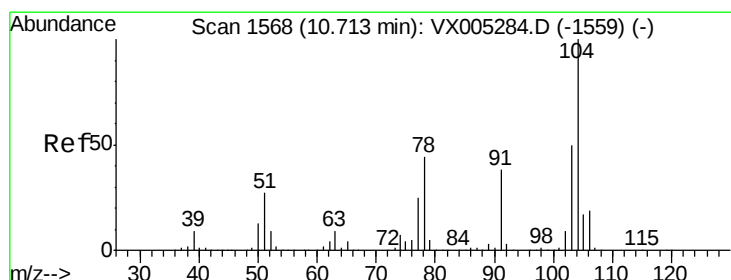
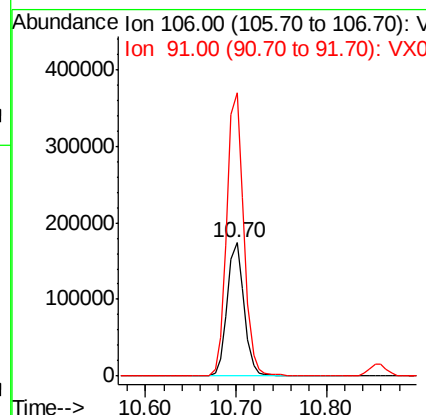
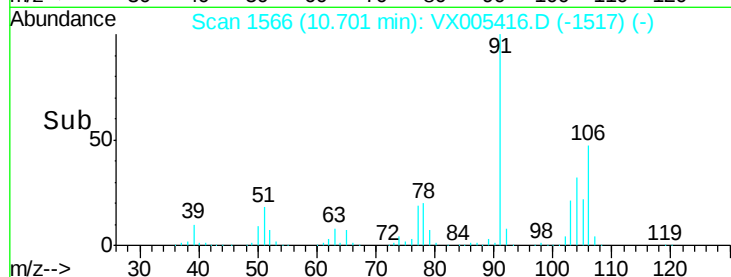
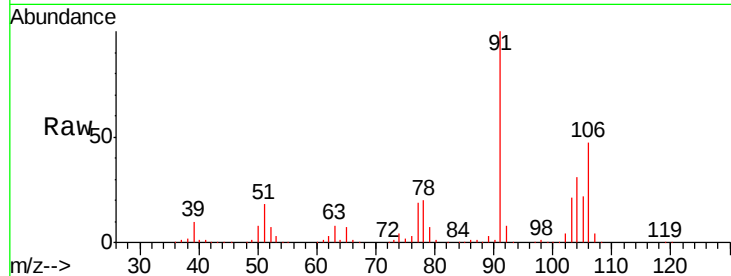
#69
o-Xylene
Concen: 50.93 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 226633
Ion Ratio Lower Upper
106 100
91 213.7 105.1 315.1

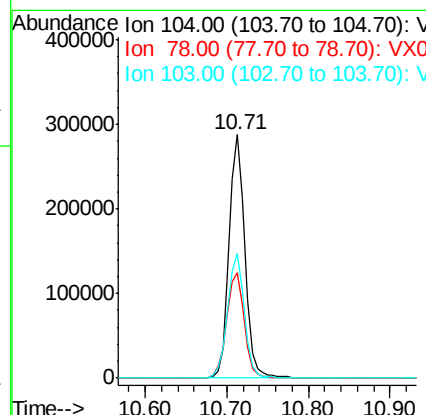
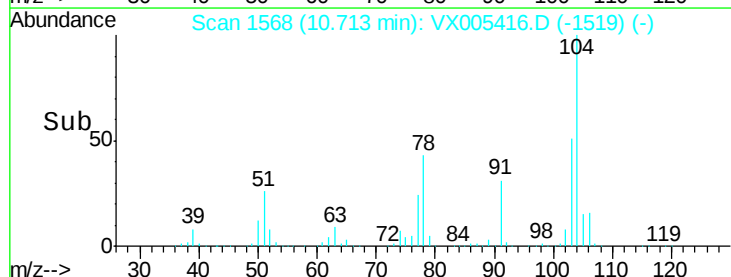
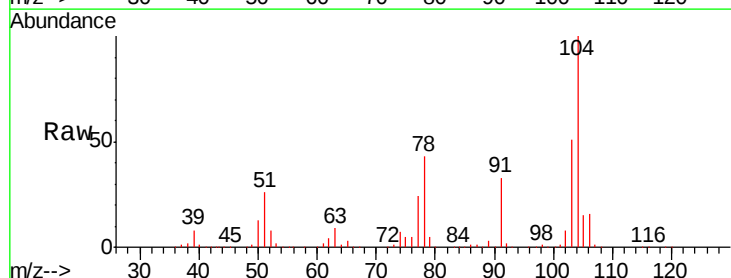
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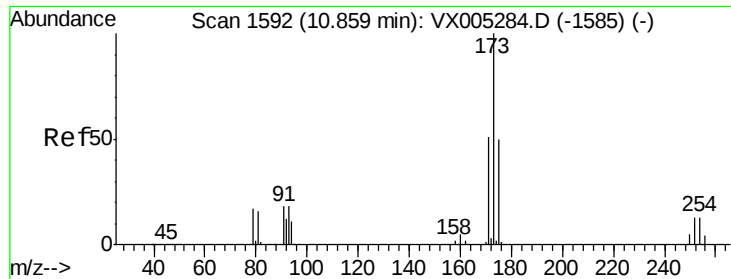
MMDadoda
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#70
Styrene
Concen: 52.54 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion:104 Resp: 384523
Ion Ratio Lower Upper
104 100
78 49.1 37.4 56.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 51.24 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 119325

Ion Ratio Lower Upper

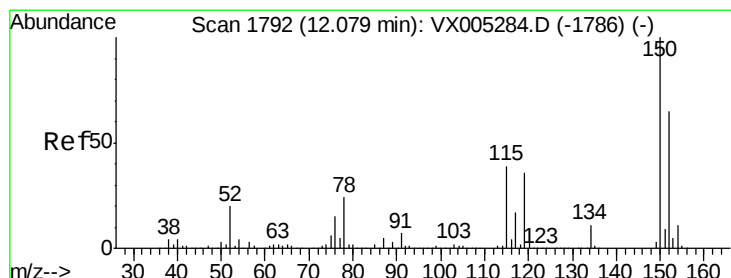
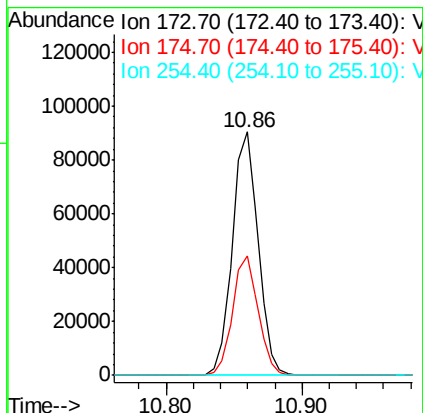
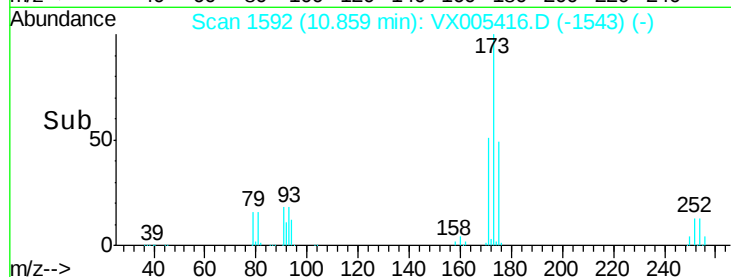
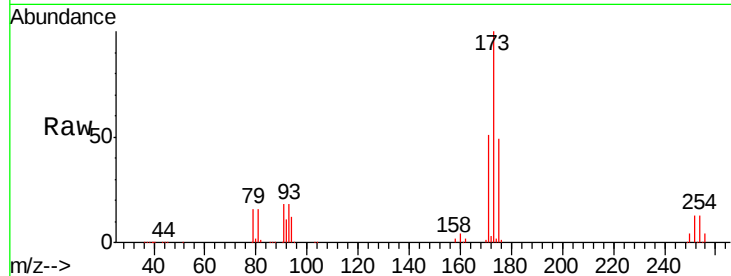
173 100

175 48.7 24.1 72.3

254 0.2 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

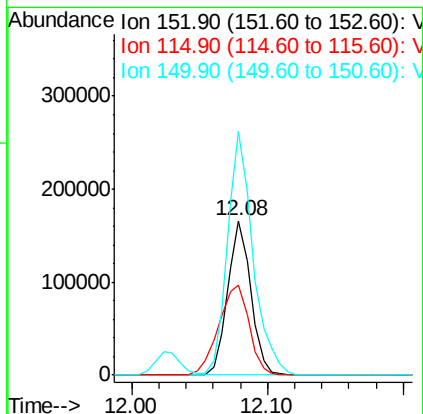
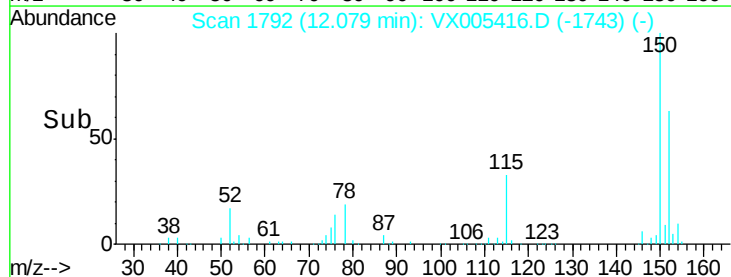
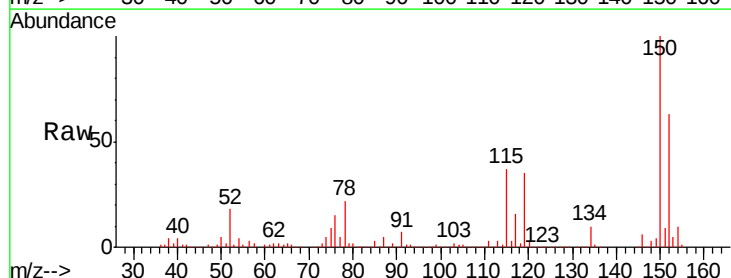
Tgt Ion:152 Resp: 196026

Ion Ratio Lower Upper

152 100

115 76.1 39.0 117.0

150 174.1 0.0 351.0





#73

Isopropylbenzene

Concen: 52.83 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 615677

Ion Ratio Lower Upper

105 100

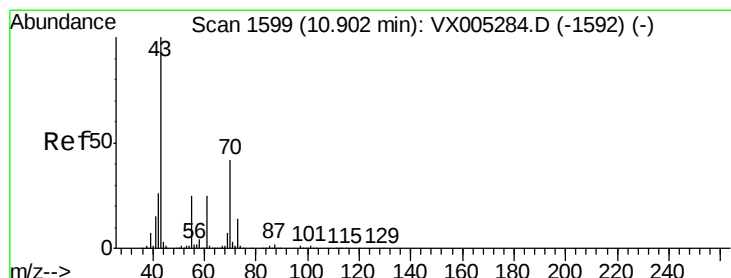
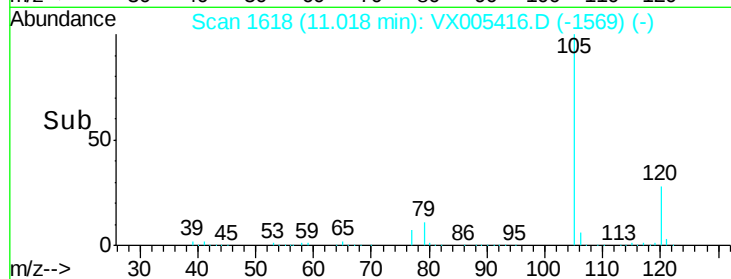
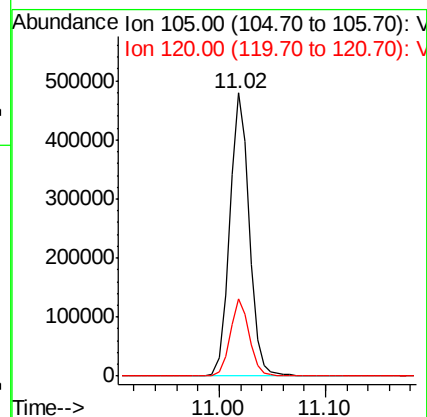
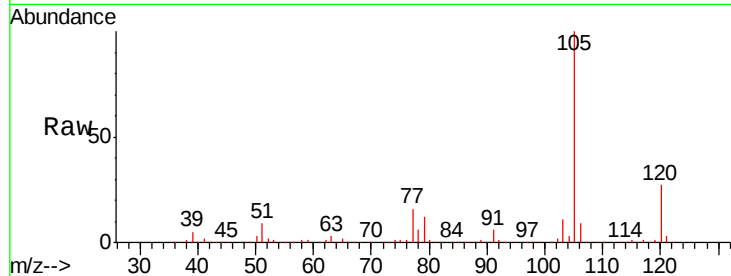
120 26.8 13.5 40.4

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#74

N-ethyl acetate

Concen: 52.60 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion: 43 Resp: 295653

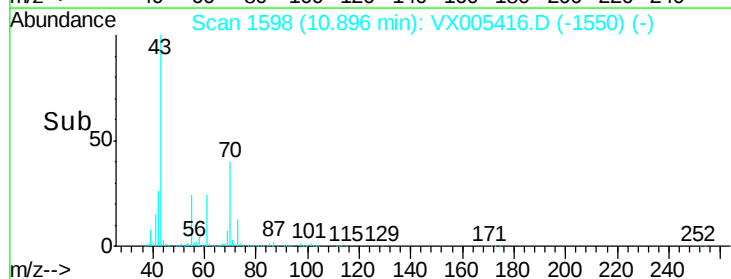
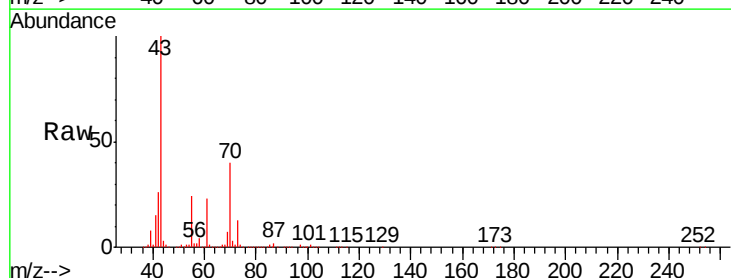
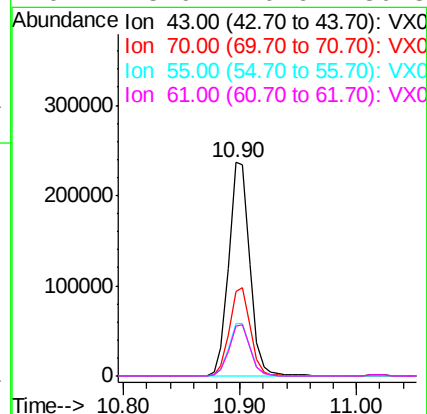
Ion Ratio Lower Upper

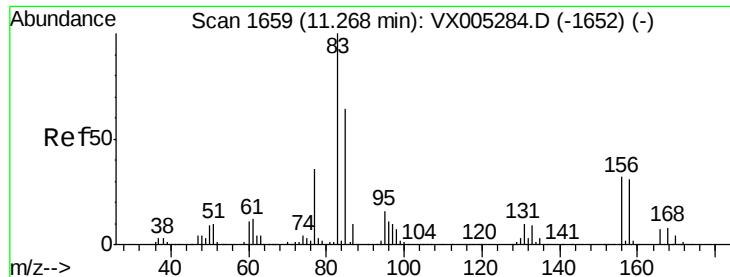
43 100

70 41.2 37.4 56.0

55 24.9 21.8 32.8

61 23.9 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.75 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 214285
Ion Ratio Lower Upper

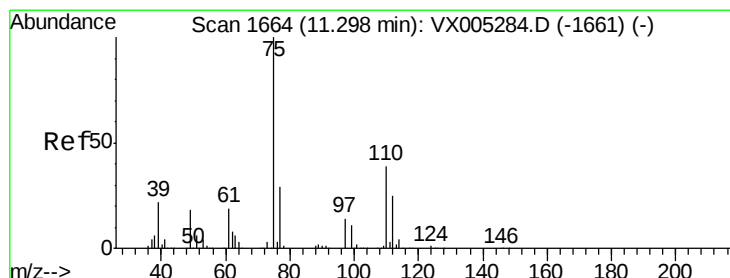
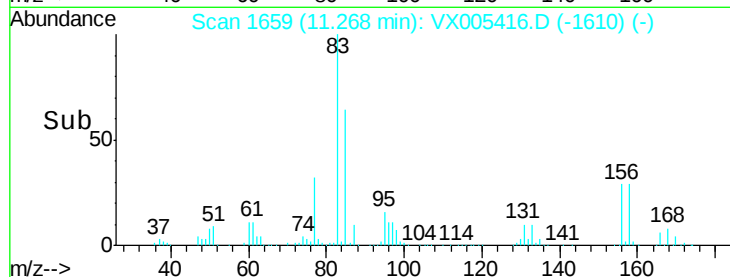
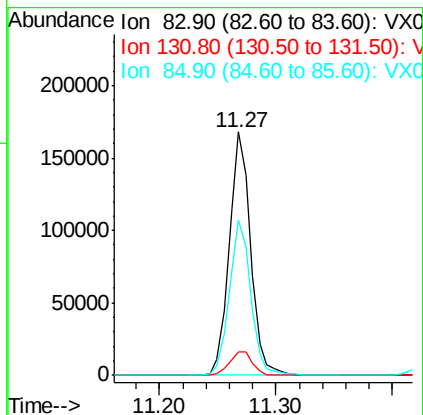
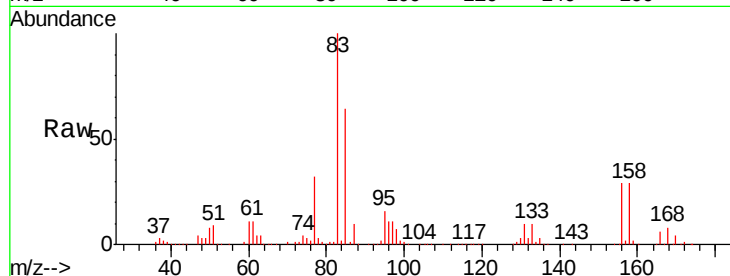
83 100

131 10.5 5.2 15.6

85 64.4 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 52.86 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

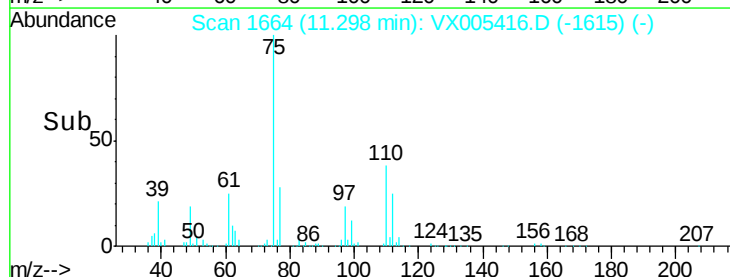
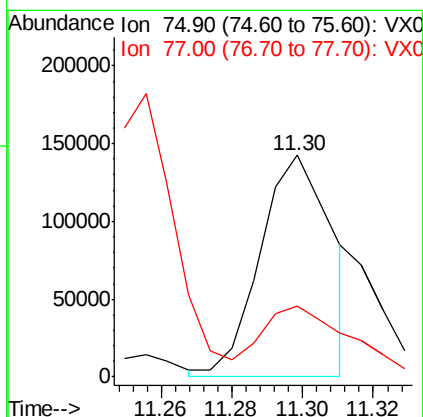
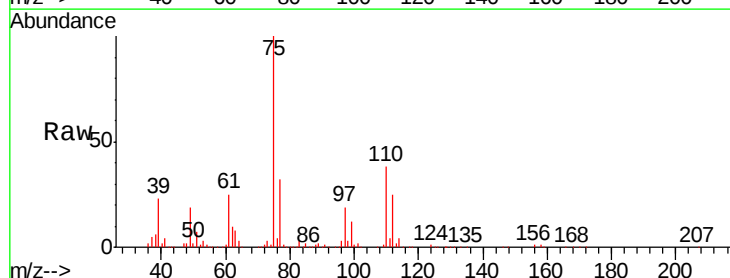
Lab File: VX005416.D

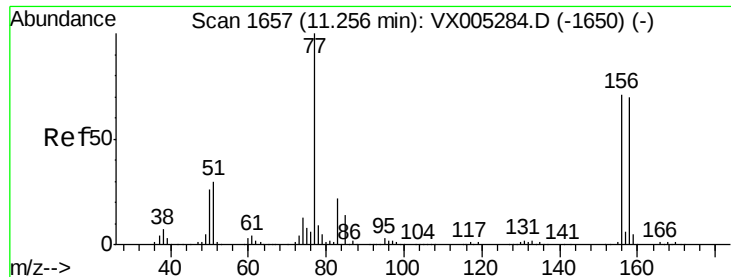
Acq: 18 Oct 2018 03:20

Tgt Ion: 75 Resp: 200993
Ion Ratio Lower Upper

75 100

77 39.6 20.2 60.6





#77

Bromobenzene

Concen: 50.50 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

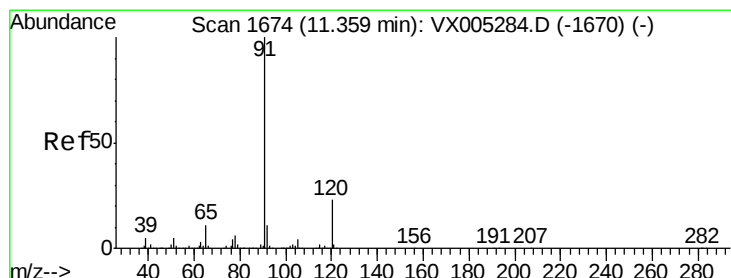
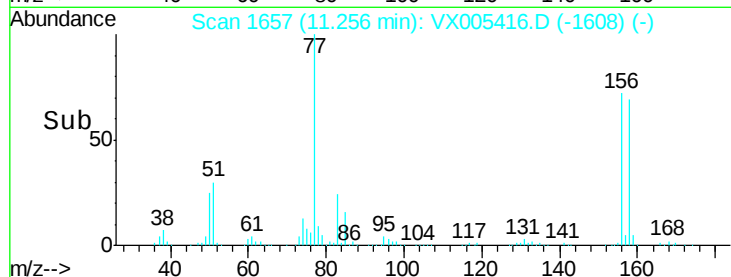
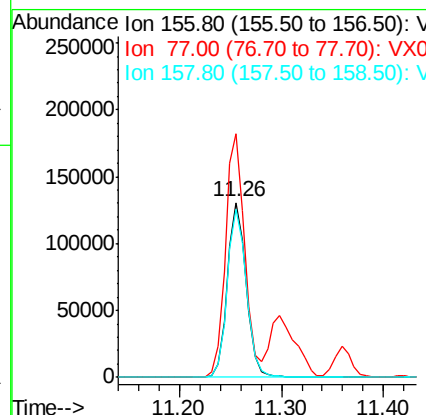
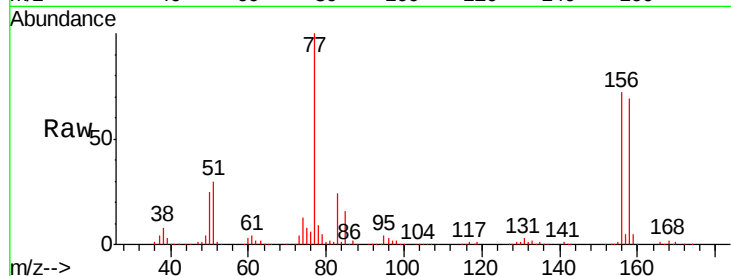
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	168247
Ion Ratio	Lower	Upper	
156	100		
77	142.4	71.5	214.3
158	98.0	48.9	146.8

Manual Integrations
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#78

n-propylbenzene

Concen: 52.44 ug/l

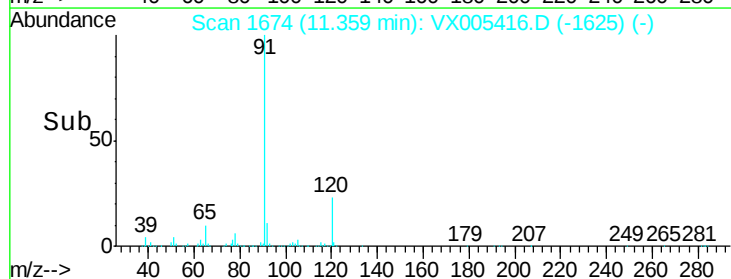
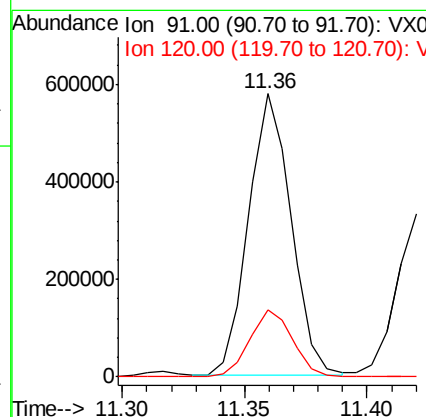
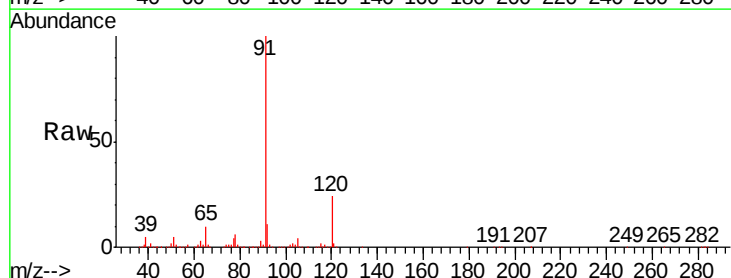
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion:	91	Resp:	703251
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.9	35.9





#79

2-Chlorotoluene

Concen: 51.33 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 421522

Ion Ratio Lower Upper

91 100

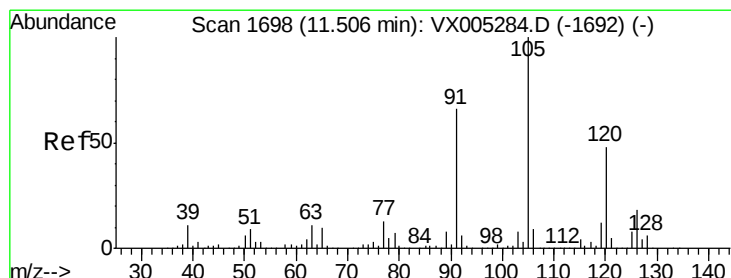
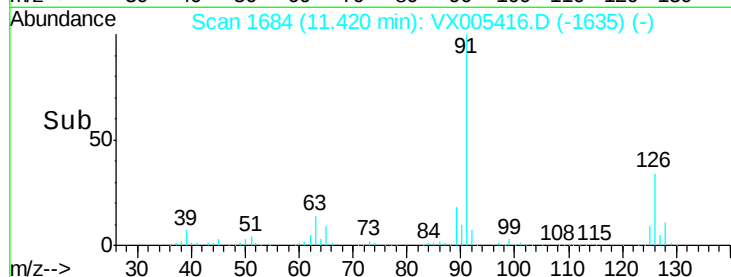
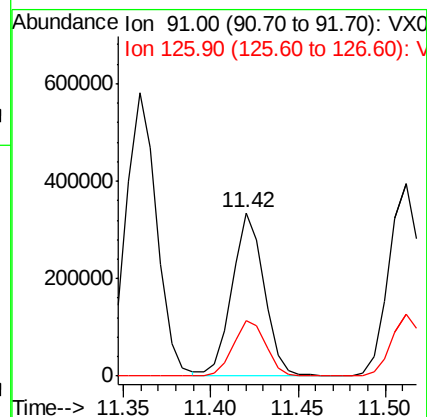
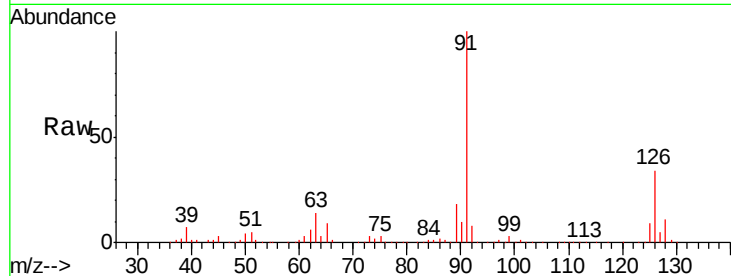
126 35.7 17.9 53.7

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.20 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005416.D

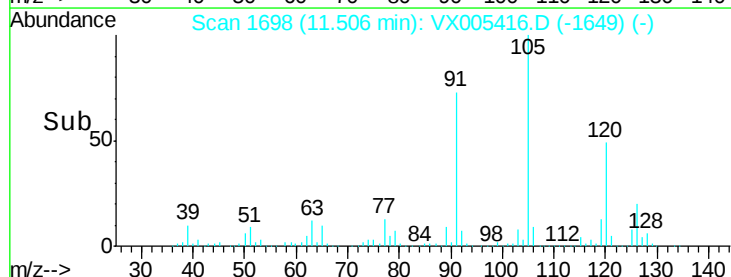
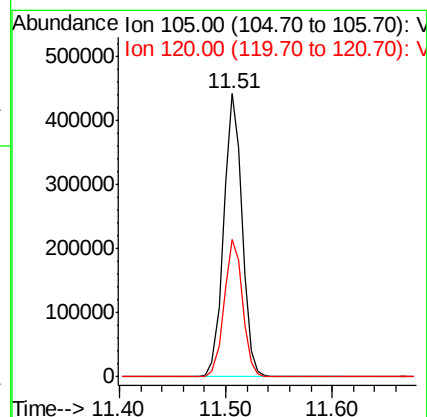
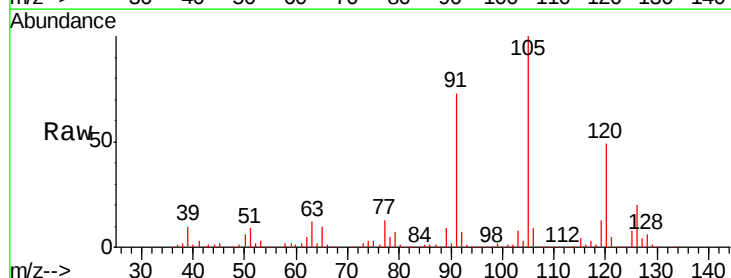
Acq: 18 Oct 2018 03:20

Tgt Ion: 105 Resp: 530841

Ion Ratio Lower Upper

105 100

120 48.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.00 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

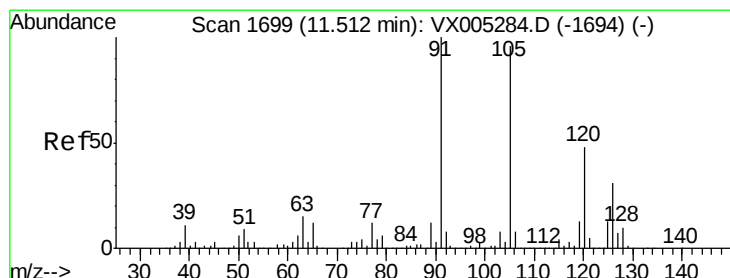
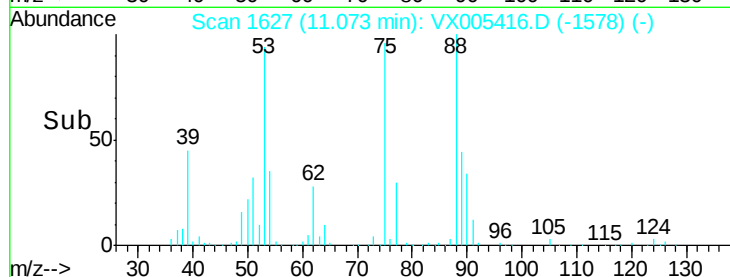
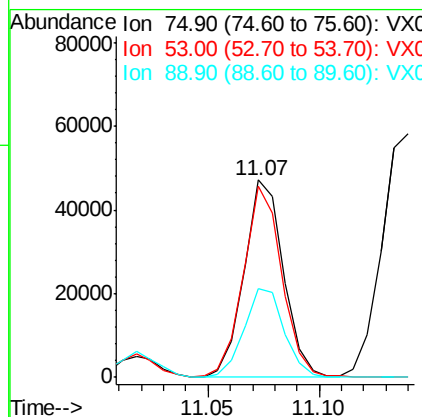
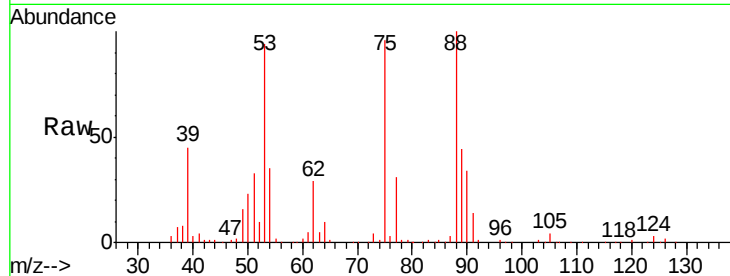
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	57570
Ion	Ratio	Lower	Upper
75	100		
53	96.7	80.1	120.1
89	46.5	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.31 ug/l

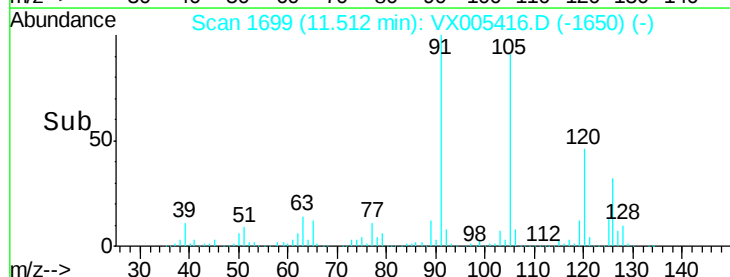
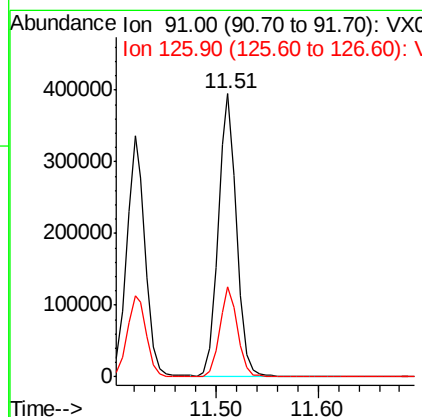
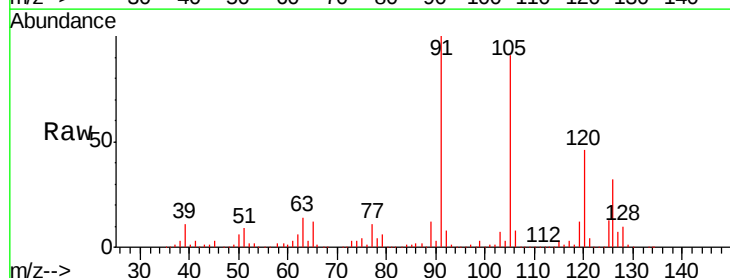
RT: 11.51 min Scan# 1699

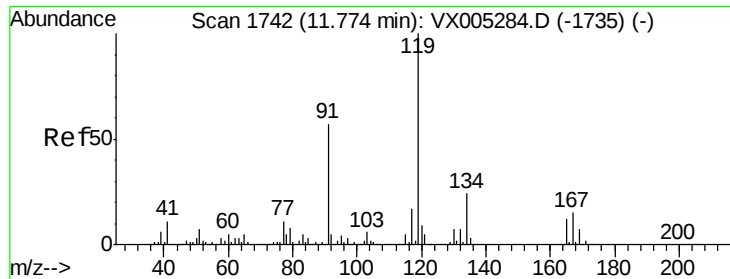
Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Tgt Ion:	91	Resp:	499492
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.5	46.5





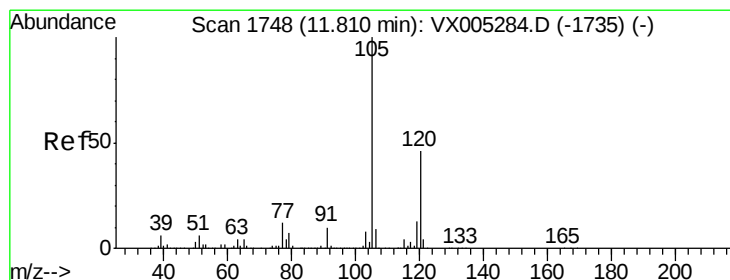
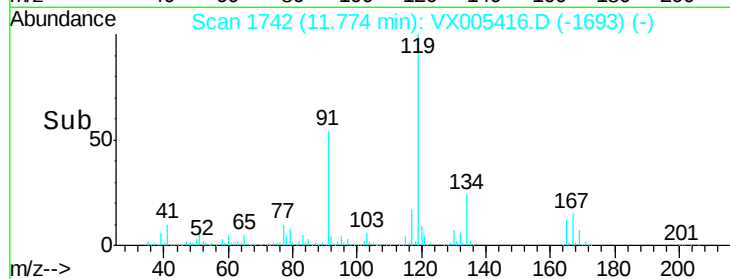
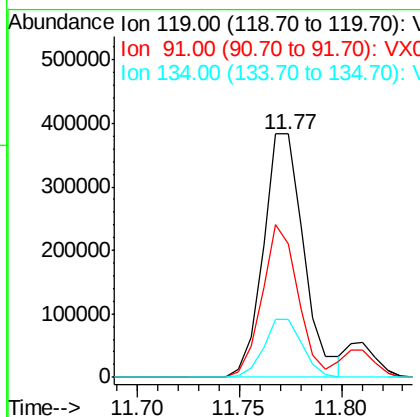
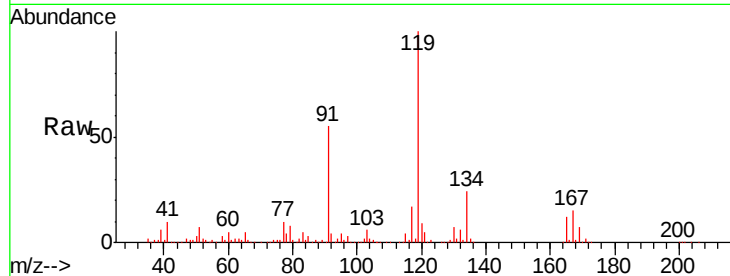
#83
 tert-Butylbenzene
 Concen: 52.45 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.0	81.0
134	22.9	11.7	35.1

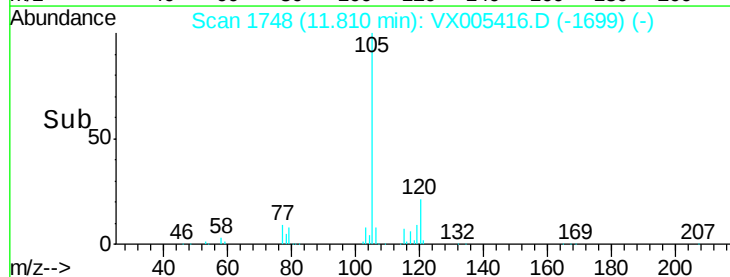
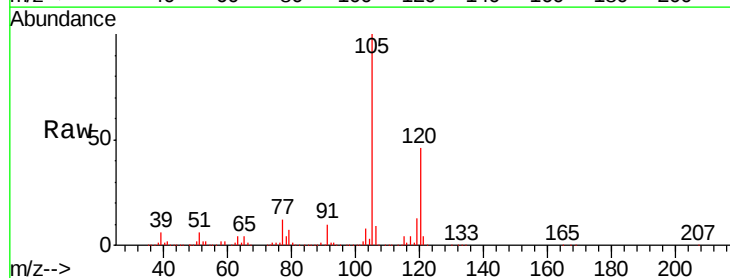
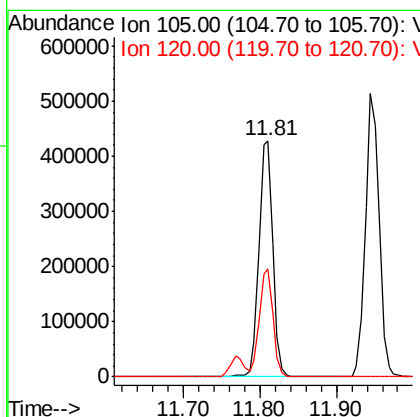
Manual Integrations
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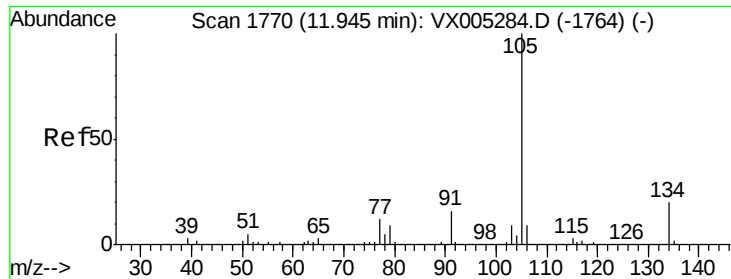
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.26 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 53.31 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 637538

Ion Ratio Lower Upper

105 100

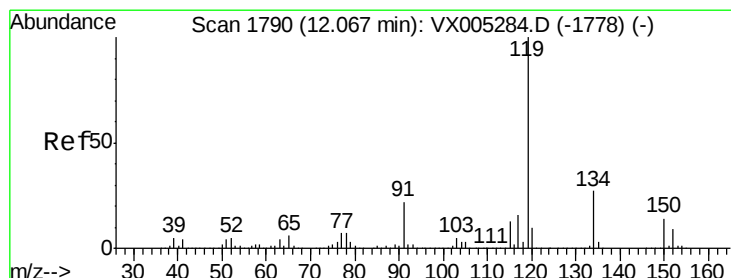
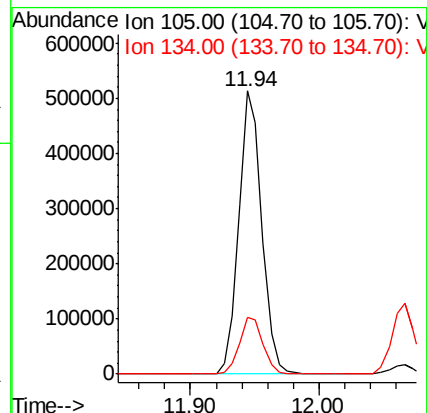
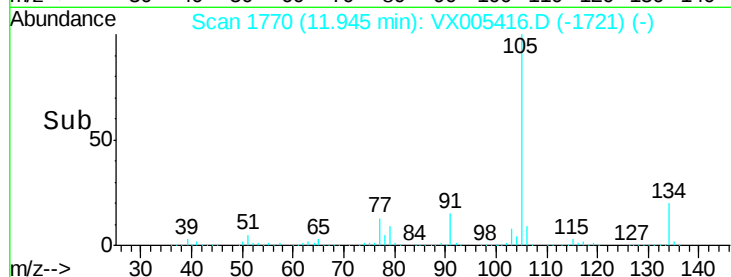
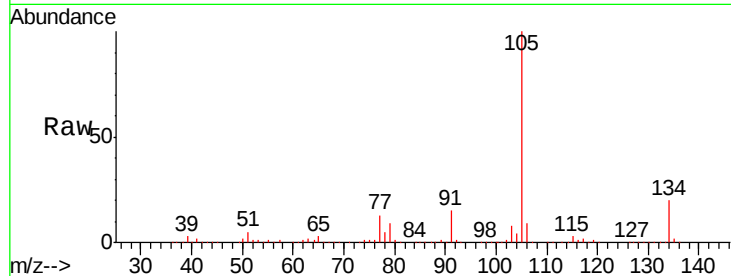
134 20.6 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 52.85 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005416.D

Acq: 18 Oct 2018 03:20

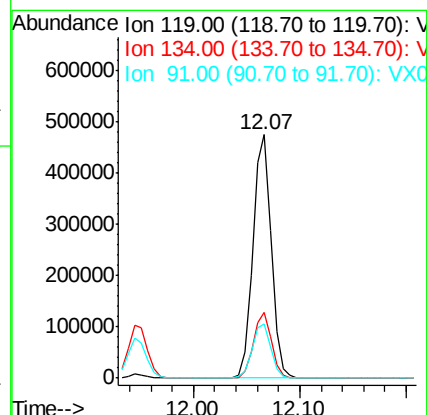
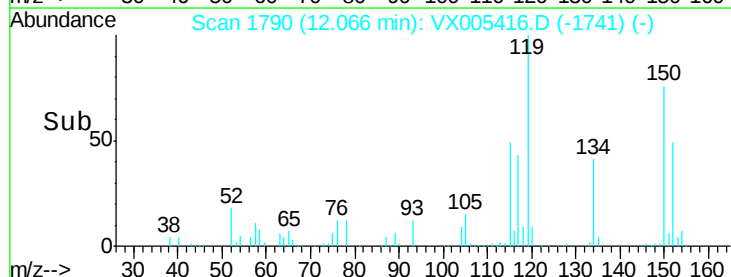
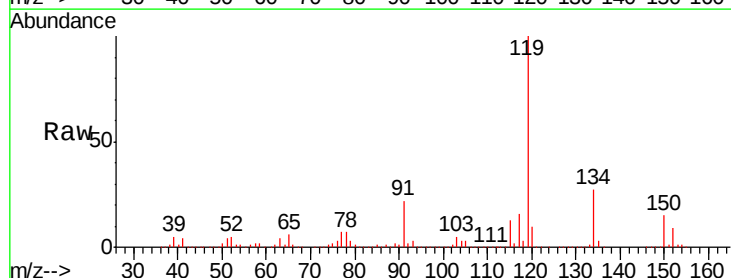
Tgt Ion:119 Resp: 571209

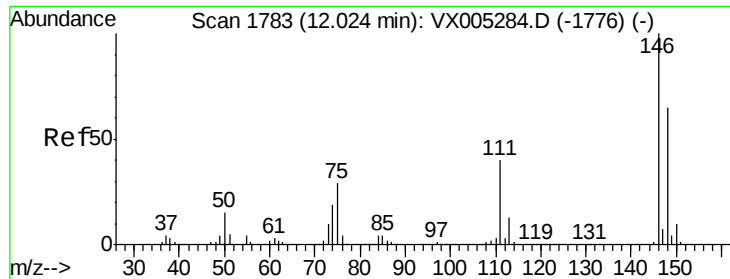
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.8 10.9 32.7





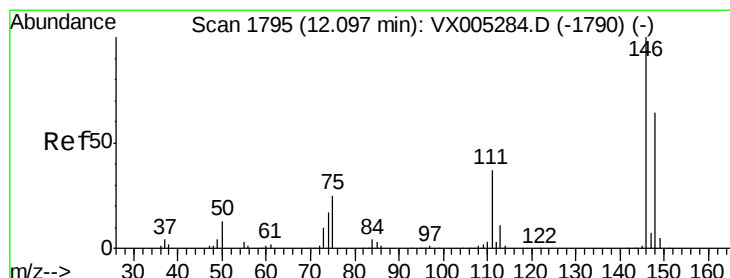
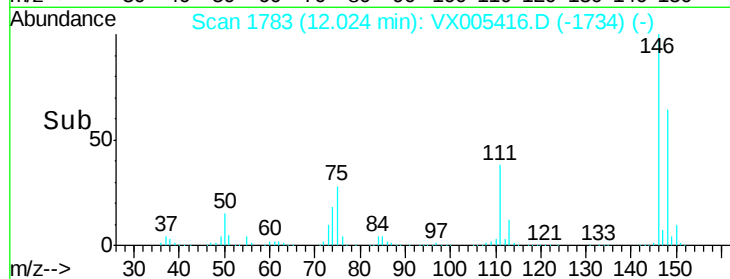
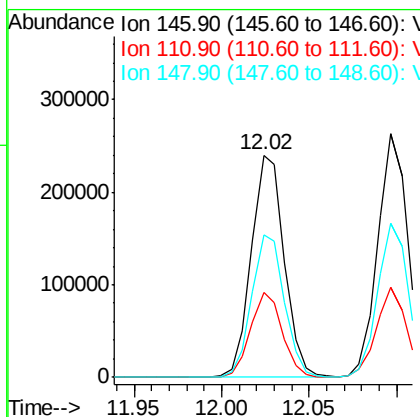
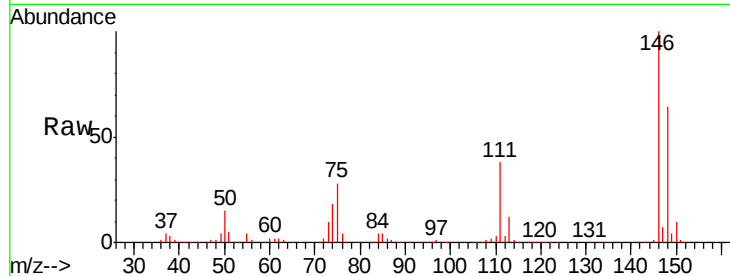
#87
 1,3-Dichlorobenzene
 Concen: 50.52 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	63.7	32.1	96.5

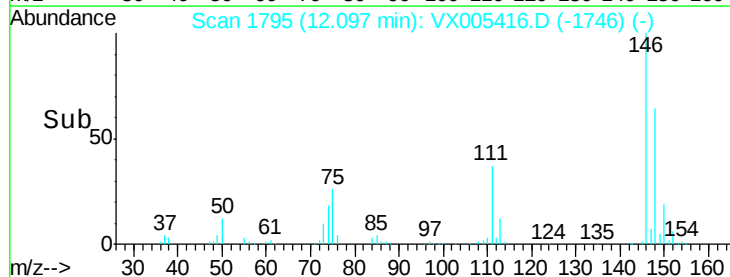
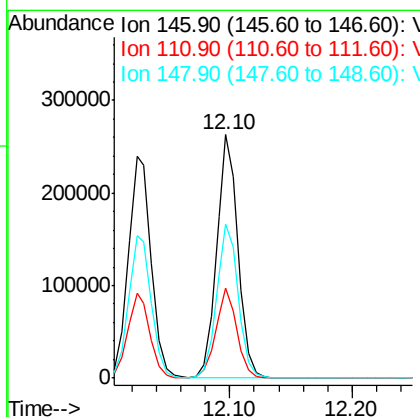
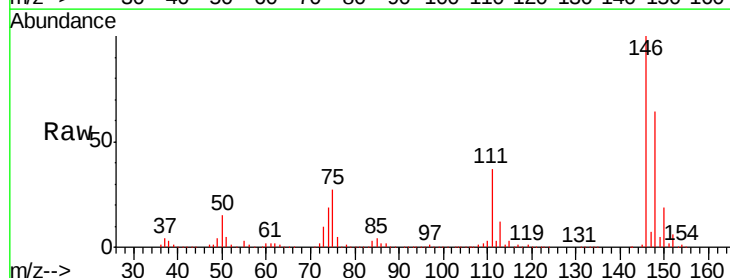
Manual Integrations
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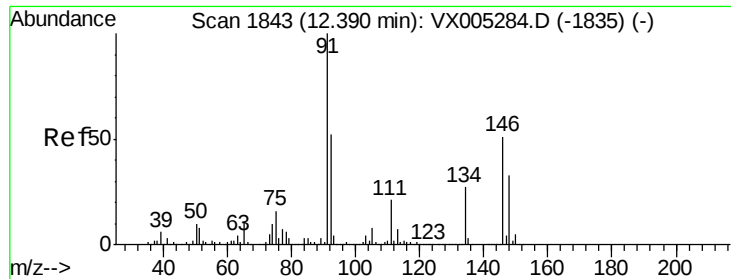
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#88
 1,4-Dichlorobenzene
 Concen: 50.13 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.2	32.0	96.0





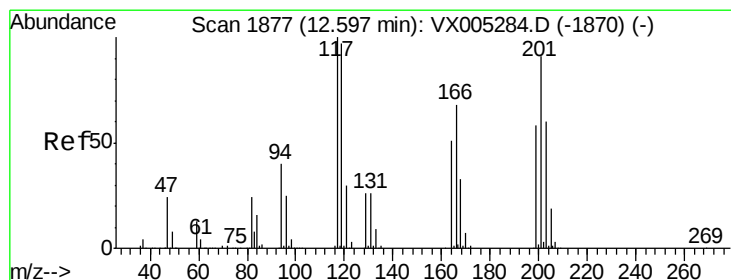
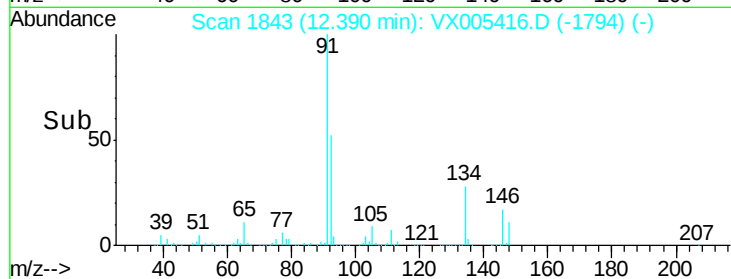
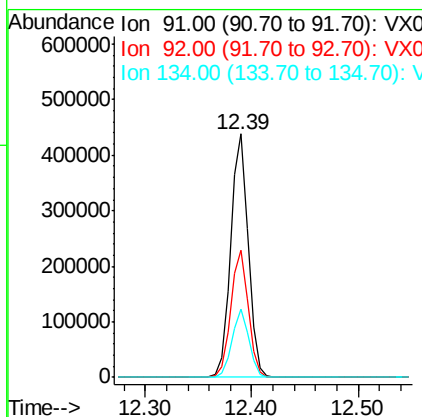
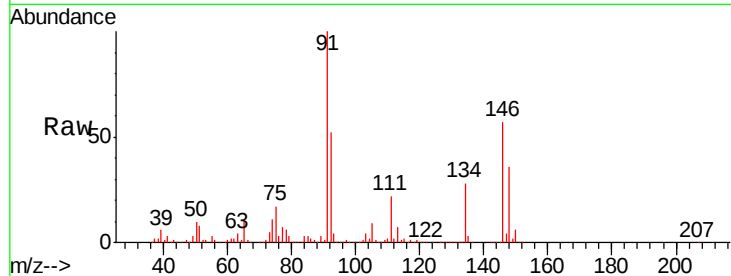
#89
n-Butylbenzene
Concen: 51.53 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 505698
Ion Ratio Lower Upper
91 100
92 52.2 27.3 81.9
134 27.0 13.6 40.7

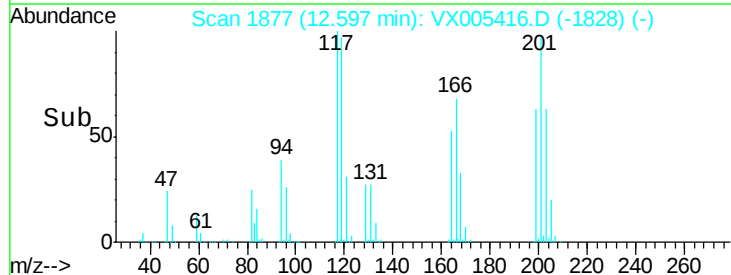
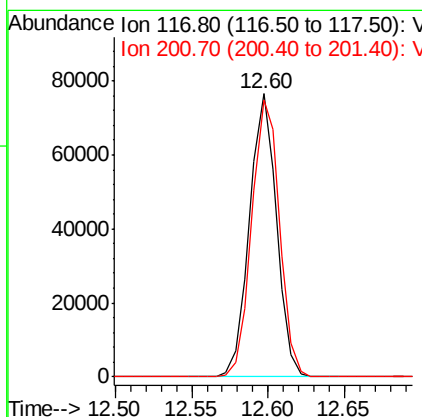
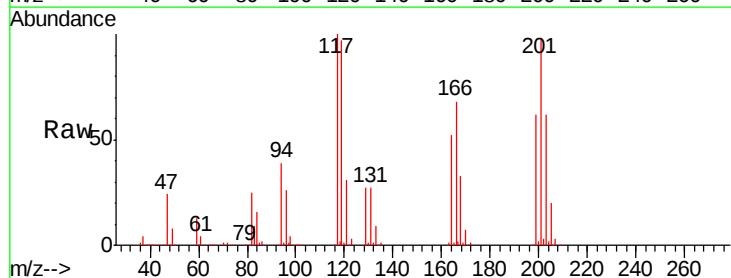
Manual Integrations
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#90
Hexachloroethane
Concen: 50.43 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion: 117 Resp: 93940
Ion Ratio Lower Upper
117 100
201 100.9 46.9 140.6





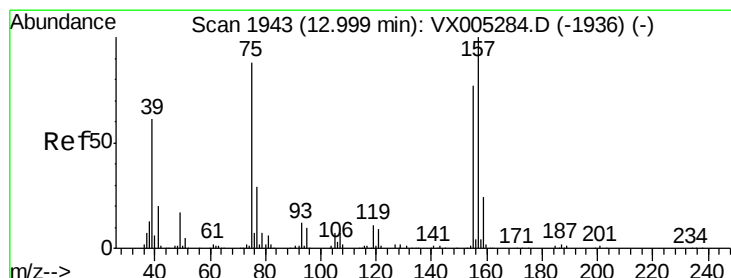
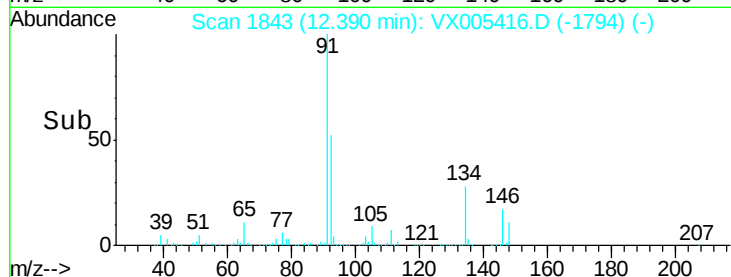
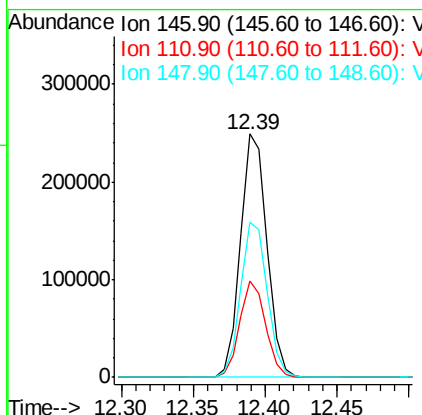
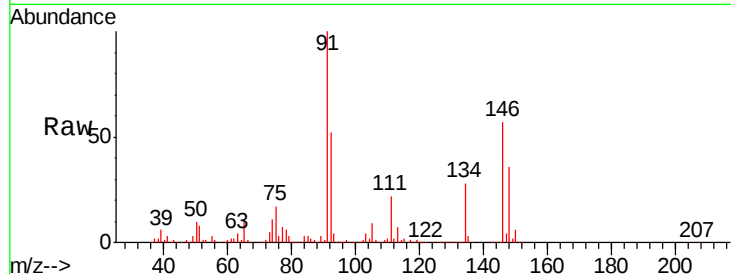
#91
 1,2-Dichlorobenzene
 Concen: 50.07 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.2	32.8	98.3

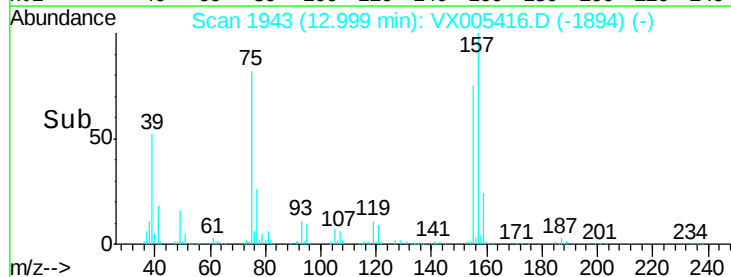
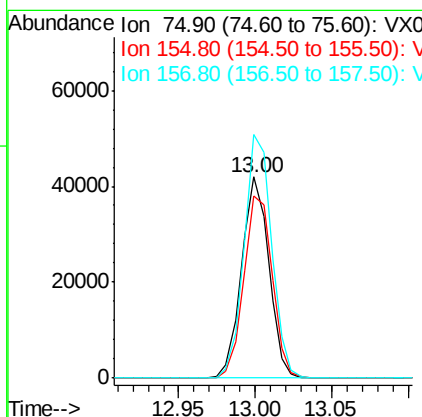
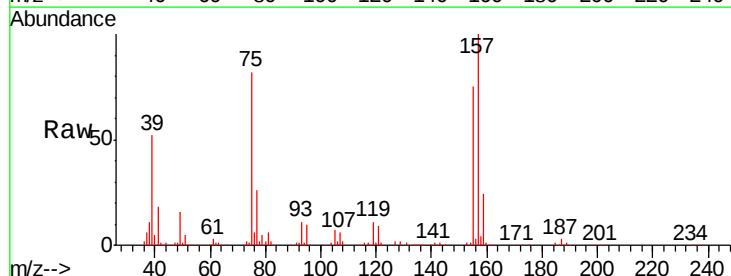
Manual Integrations
 APPROVED

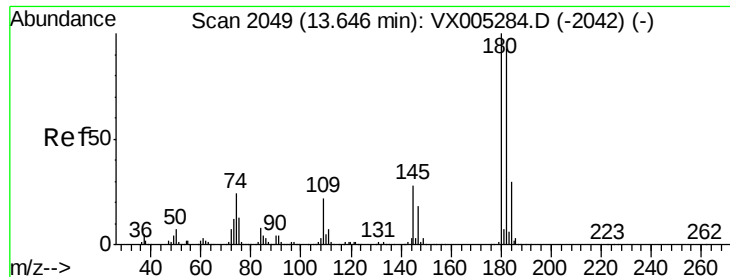
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.55 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	48.0	144.2
157	122.2	61.4	184.1





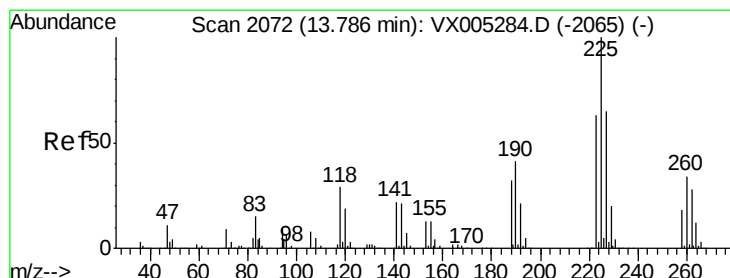
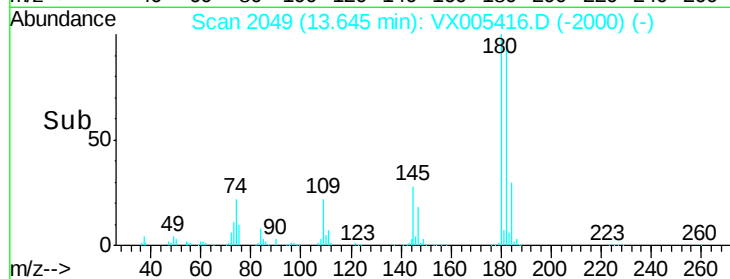
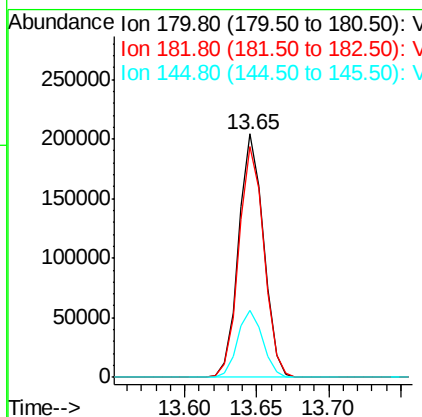
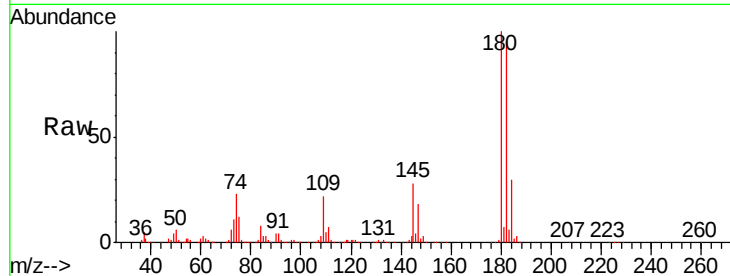
#93
 1,2,4-Trichlorobenzene
 Concen: 52.79 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246089		
182	95.4	48.4	145.0	
145	27.6	14.3	42.9	

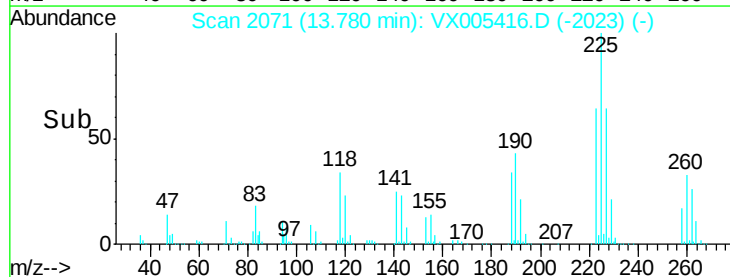
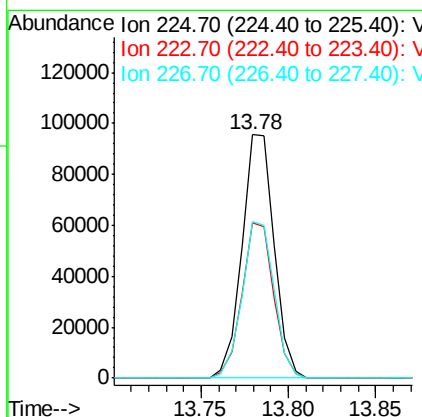
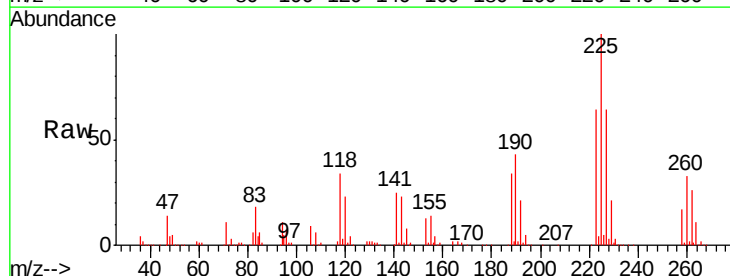
Manual Integrations
 APPROVED

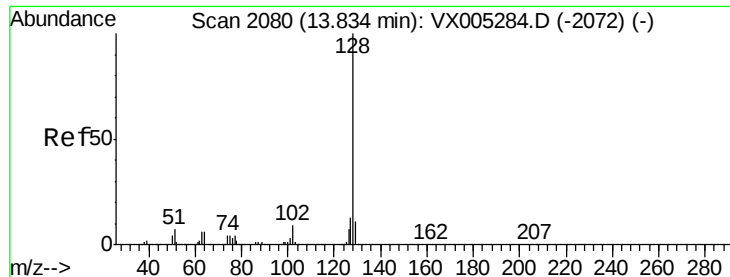
MMDadoda
 10/19/2018 12:24:29 PM



#94
 Hexachlorobutadiene
 Concen: 49.51 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005416.D
 Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	121900		
223	62.9	30.1	90.5	
227	64.2	30.8	92.4	





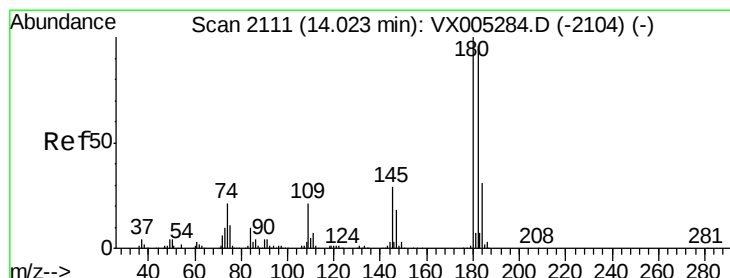
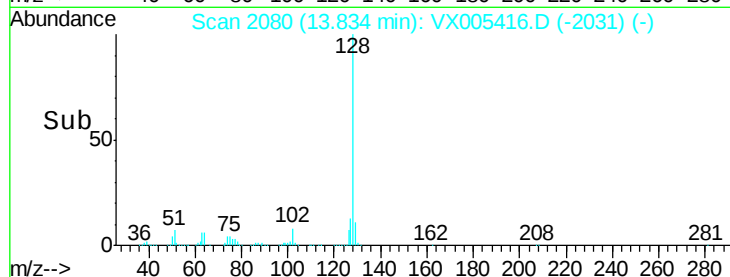
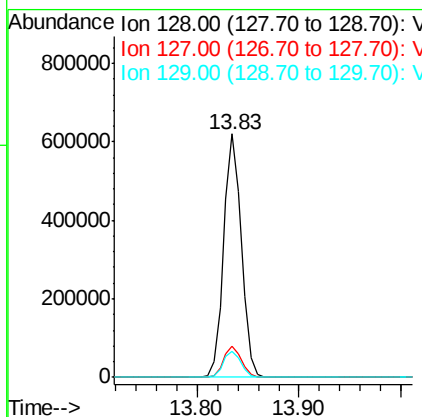
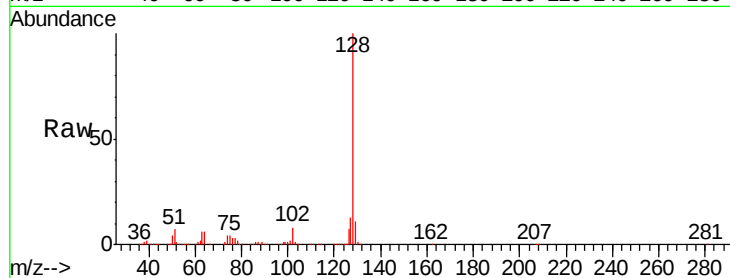
#95
Naphthalene
Concen: 55.23 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/19/2018 12:24:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.88 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005416.D
Acq: 18 Oct 2018 03:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.6
145	29.1	14.9	44.9

