

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001231.D
 Acq On : 28 Apr 2018 23:37
 Operator : JC/MD
 Sample : VX0428WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Manual Integrations
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 5/1/2018 7:46:30 PM

Quant Time: Apr 30 03:23:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	261763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	130045	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
35) Dibromofluoromethane	5.51	113	106449	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.72	98	401034	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.15	95	150696	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38733	19.23	ug/l	99
3) Chloromethane	1.32	50	38993	18.48	ug/l	99
4) Vinyl Chloride	1.40	62	43620	19.49	ug/l	99
5) Bromomethane	1.64	94	32295	22.35	ug/l	100
6) Chloroethane	1.73	64	28184	20.00	ug/l	96
7) Trichlorofluoromethane	1.93	101	76248	21.09	ug/l	98
8) Diethyl Ether	2.19	74	26729	19.23	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41736	20.95	ug/l	100
10) Methyl Iodide	2.51	142	39481	23.54	ug/l	98
11) Tert butyl alcohol	3.08	59	54594	92.98	ug/l	97
12) 1,1-Dichloroethene	2.38	96	38943	20.05	ug/l	96
13) Acrolein	2.30	56	17275	77.82	ug/l	100
14) Allyl chloride	2.73	41	69520	19.62	ug/l	98
15) Acrylonitrile	3.15	53	116828	93.17	ug/l	99
16) Acetone	2.45	43	110270	90.06	ug/l	99
17) Carbon Disulfide	2.57	76	92497	18.66	ug/l	100
18) Methyl Acetate	2.78	43	62002	20.24	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	140257	19.62	ug/l	99
20) Methylene Chloride	2.86	84	43500	19.08	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	41801	19.47	ug/l	96
22) Diisopropyl ether	3.88	45	130291	18.38	ug/l	95
23) Vinyl Acetate	3.83	43	551607	91.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	71189	19.10	ug/l	98
25) 2-Butanone	4.71	43	159615	87.12	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42844	14.61	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	45818	19.49	ug/l	96
28) Bromochloromethane	5.03	49	32258	19.31	ug/l	97
29) Tetrahydrofuran	5.17	42	103377	87.76	ug/l	99
30) Chloroform	5.22	83	76748	19.37	ug/l	97
31) Cyclohexane	5.58	56	61611	19.46	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	66362	19.40	ug/l	98
36) 1,1-Dichloropropene	5.81	75	56499	19.59	ug/l	99
37) Ethyl Acetate	4.87	43	62680	18.15	ug/l	99
38) Carbon Tetrachloride	5.79	117	58875	19.91	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	62129	19.46	ug/l	98
40) Benzene	6.15	78	167943	20.13	ug/l	97
41) Methacrylonitrile	5.07	41	34950	18.01	ug/l	97
42) 1,2-Dichloroethane	6.21	62	65572	19.50	ug/l	99
43) Isopropyl Acetate	6.48	43	98324	18.12	ug/l	99
44) Trichloroethene	7.22	130	50635	20.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	42506	19.37	ug/l	95
46) Dibromomethane	7.67	93	31007	20.40	ug/l	99
47) Bromodichloromethane	7.91	83	53658	19.43	ug/l	98
48) Methyl methacrylate	7.79	41	51728	17.94	ug/l	97
49) 1,4-Dioxane	7.76	88	21472	371.92	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	334683	93.92	ug/l	98
52) Toluene	8.79	92	109281	20.03	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	59000	18.38	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	53422	17.54	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	45659	19.78	ug/l	100
56) Ethyl methacrylate	9.19	69	63087	18.44	ug/l	98
57) 1,3-Dichloropropane	9.38	76	74107	19.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	151394	93.62	ug/l	100
59) 2-Hexanone	9.51	43	253841	90.91	ug/l	99
60) Dibromochloromethane	9.59	129	45357	19.04	ug/l	99
61) 1,2-Dibromoethane	9.68	107	48636	20.11	ug/l	100
64) Tetrachloroethene	9.34	164	57909	21.79	ug/l	98
65) Chlorobenzene	10.15	112	129676	19.88	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	45755	20.27	ug/l	99
67) Ethyl Benzene	10.26	91	212740	20.07	ug/l	98
68) m/p-Xylenes	10.37	106	168523	40.22	ug/l	99
69) o-Xylene	10.71	106	81906	20.16	ug/l	100
70) Styrene	10.72	104	134287	19.86	ug/l	99
71) Bromoform	10.86	173	34981	18.23	ug/l #	97
73) Isopropylbenzene	11.02	105	218288	19.83	ug/l	99
74) N-amyl acetate	6.48	43	98324	17.73	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68062	18.64	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	62095m	18.06	ug/l	
77) Bromobenzene	11.26	156	64402	19.73	ug/l	97
78) n-propylbenzene	11.37	91	246552	20.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	148285	19.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	186798	20.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	12547	15.56	ug/l	87
82) 4-Chlorotoluene	11.52	91	177652	19.65	ug/l	100
83) tert-Butylbenzene	11.77	119	180234	19.38	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	193416	20.19	ug/l	99
85) sec-Butylbenzene	11.95	105	219583	20.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	201018	19.89	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	115373	19.69	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	118302	19.38	ug/l	99
89) n-Butylbenzene	12.40	91	170556	19.50	ug/l	99
90) Hexachloroethane	12.60	117	27717	19.23	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	115903	19.57	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13782	17.10	ug/l	96

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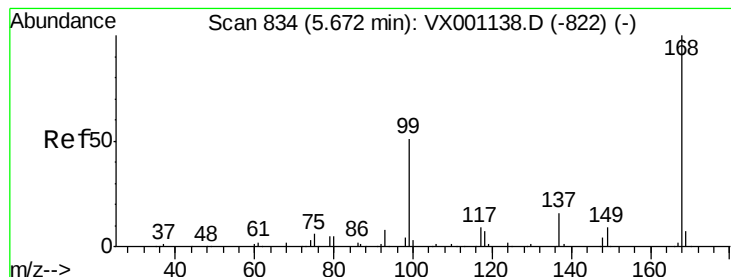
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88531	19.07	ug/l	99
94) Hexachlorobutadiene	13.79	225	42811	19.62	ug/l	99
95) Naphthalene	13.84	128	248619	19.22	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	91862	19.88	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion:168 Resp: 192085

Ion Ratio Lower Upper

168 100

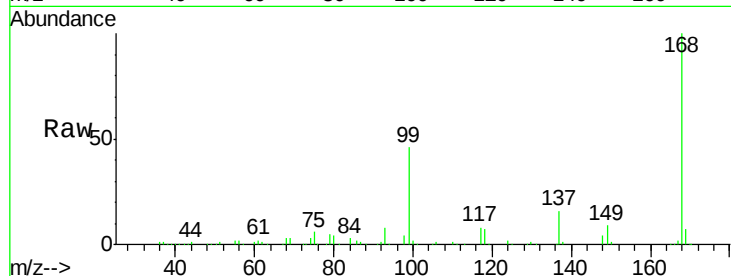
99 45.6 40.6 60.8

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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

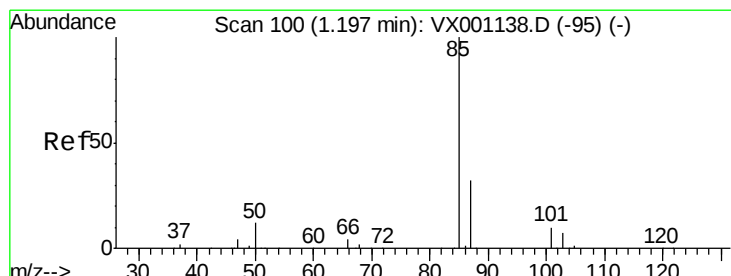
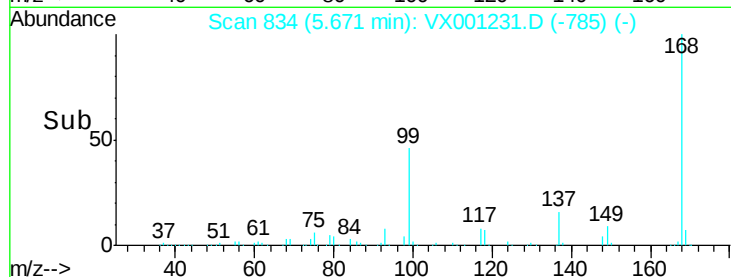
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001231.D

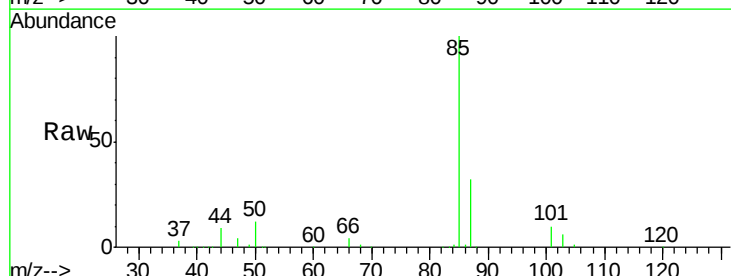
Acq: 28 Apr 2018 23:37

Tgt Ion: 85 Resp: 38733

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

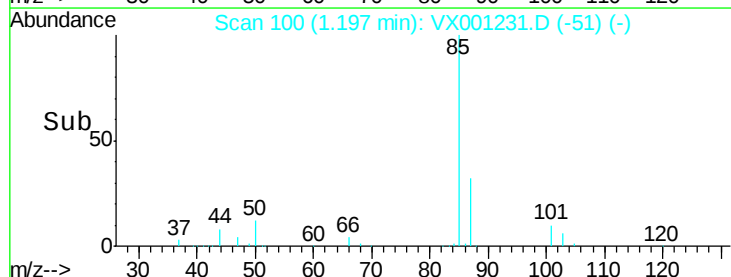
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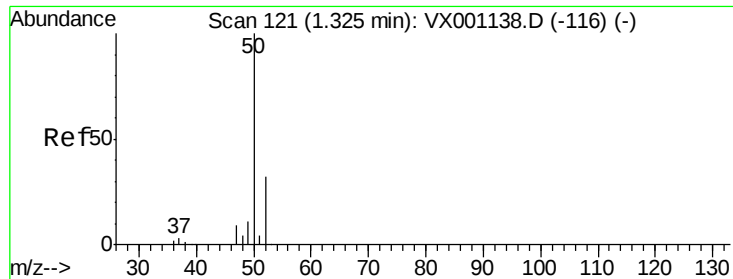
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10000

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Time-->





#3

Chloromethane

Concen: 18.48 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion: 50 Resp: 38993

Ion Ratio Lower Upper

50 100

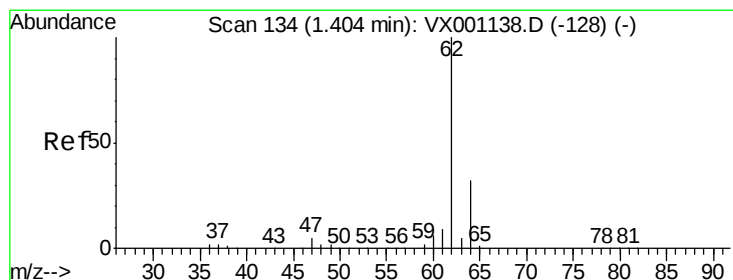
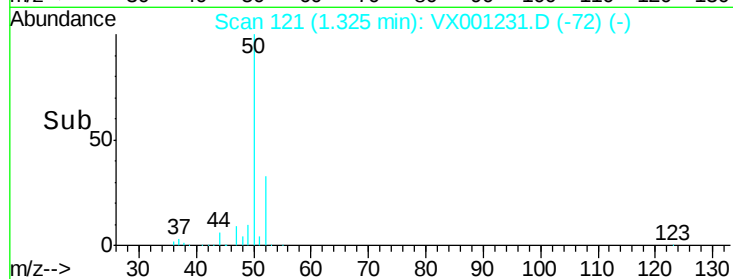
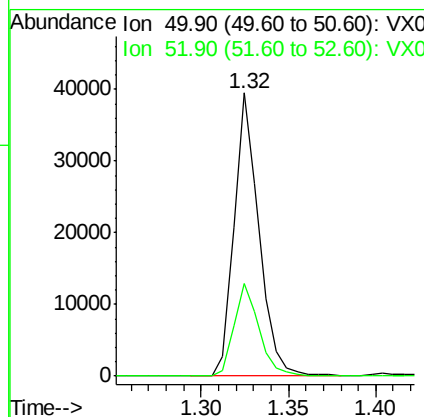
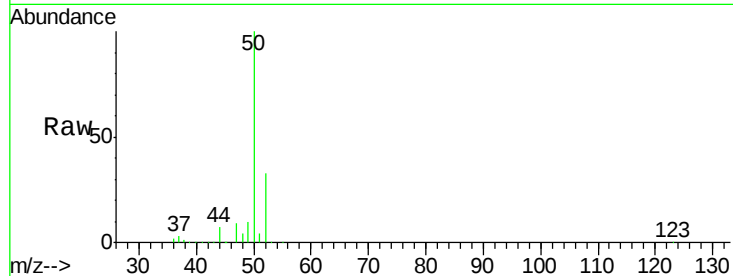
52 32.8 25.9 38.9

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#4

Vinyl Chloride

Concen: 19.49 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001231.D

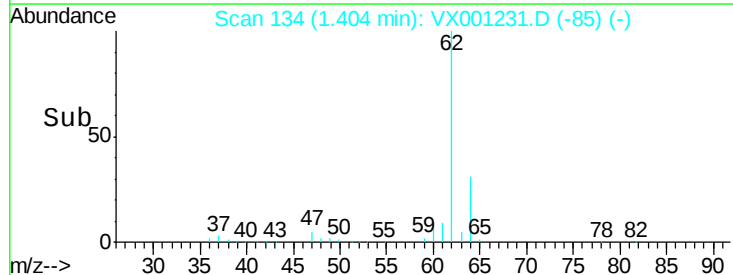
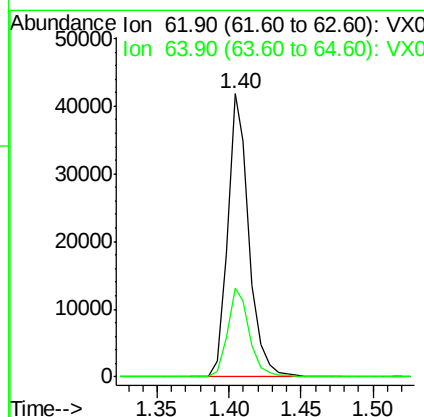
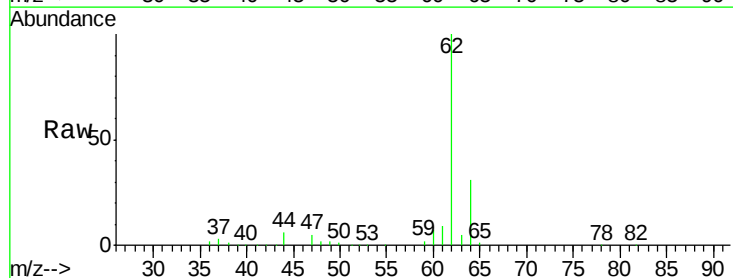
Acq: 28 Apr 2018 23:37

Tgt Ion: 62 Resp: 43620

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 22.35 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion: 94 Resp: 32295

Ion Ratio Lower Upper

94 100

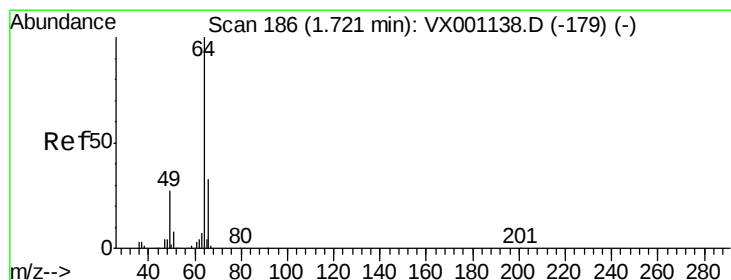
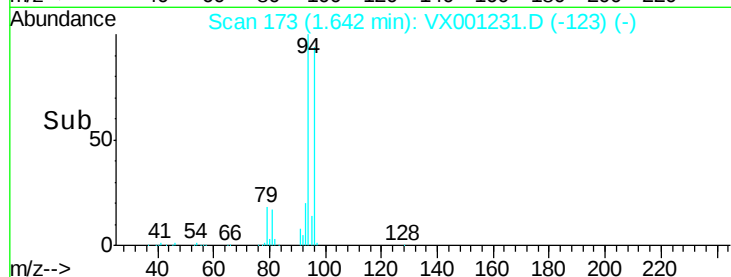
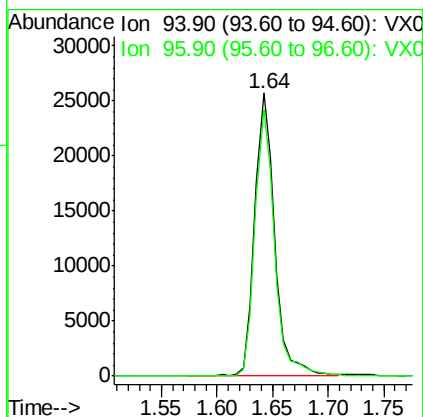
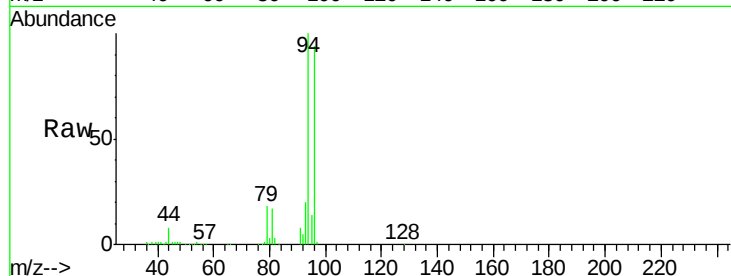
96 94.5 75.3 112.9

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#6

Chloroethane

Concen: 20.00 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001231.D

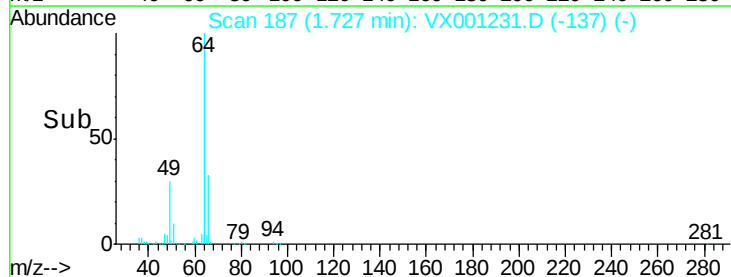
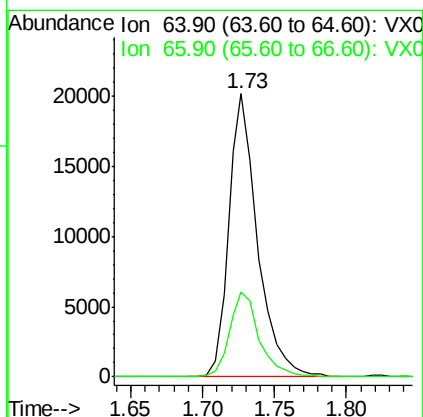
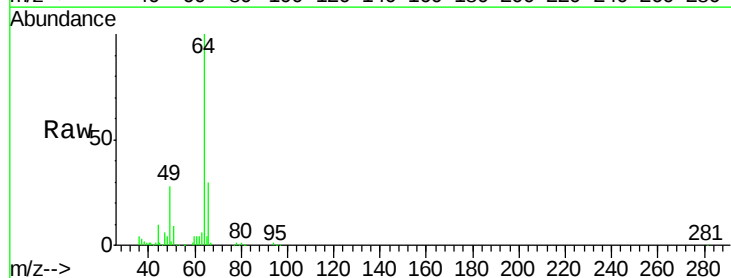
Acq: 28 Apr 2018 23:37

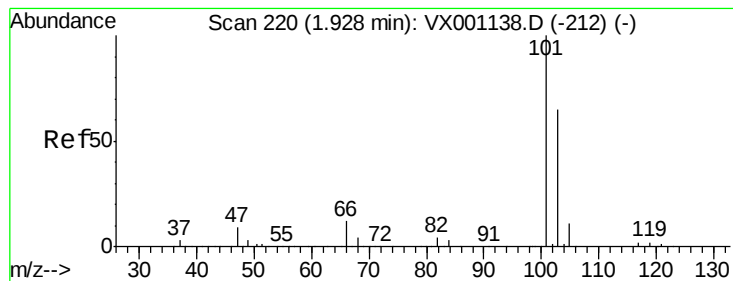
Tgt Ion: 64 Resp: 28184

Ion Ratio Lower Upper

64 100

66 30.1 26.1 39.1





#7

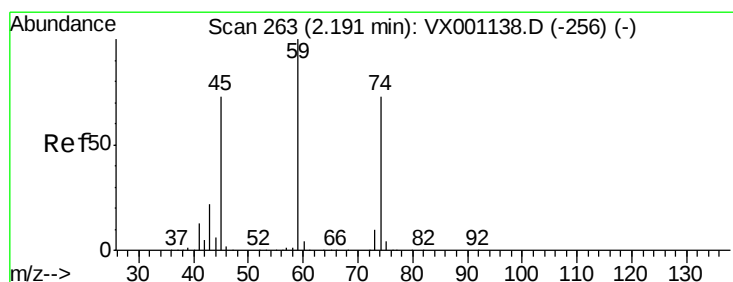
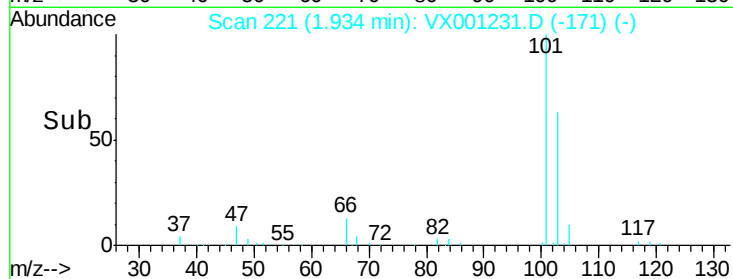
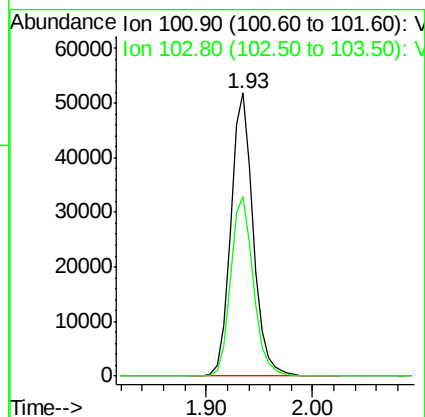
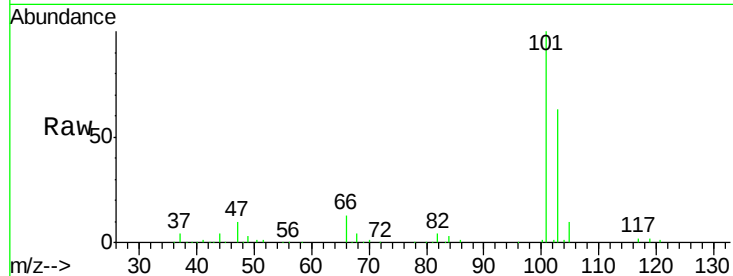
Trichlorofluoromethane
Concen: 21.09 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

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Tot Ion:101 Resp: 76248
Ion Ratio Lower Upper
101 100
103 63.4 51.9 77.9

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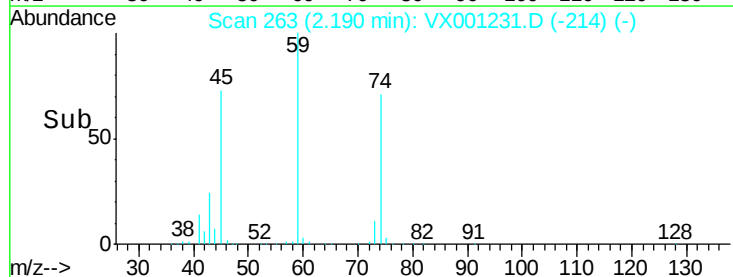
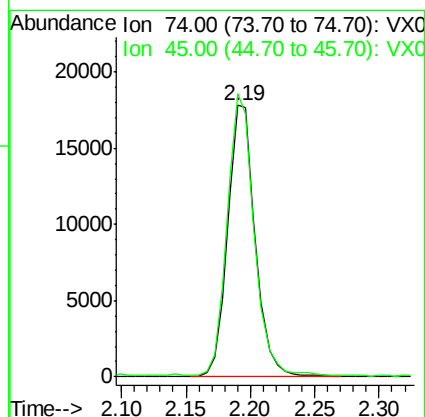
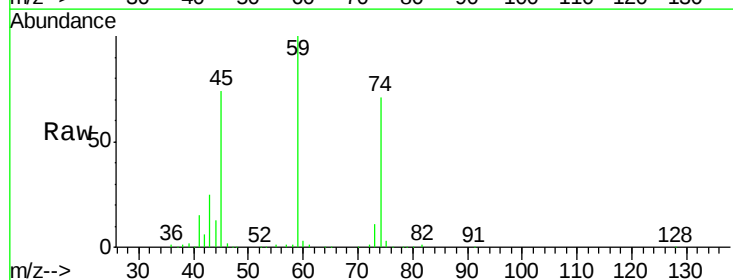
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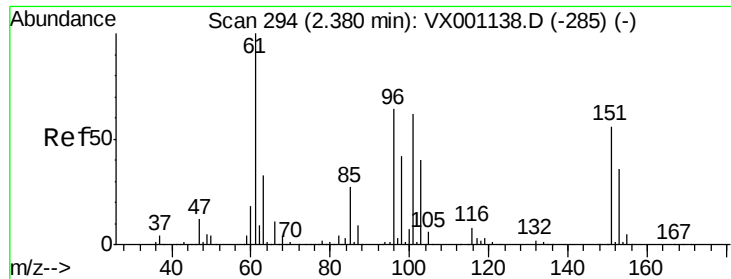


#8

Diethyl Ether
Concen: 19.23 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 74 Resp: 26729
Ion Ratio Lower Upper
74 100
45 103.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.95 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

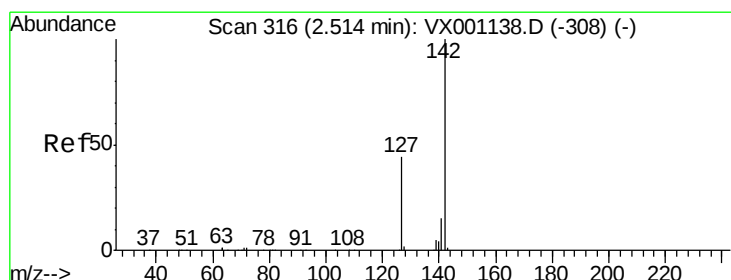
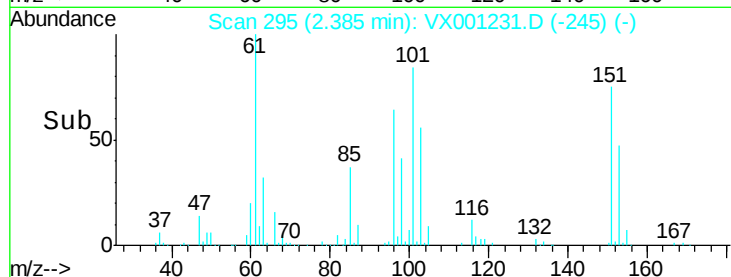
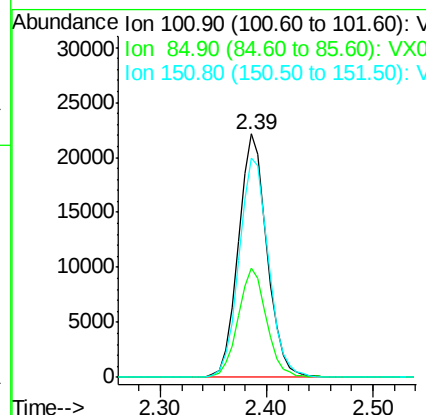
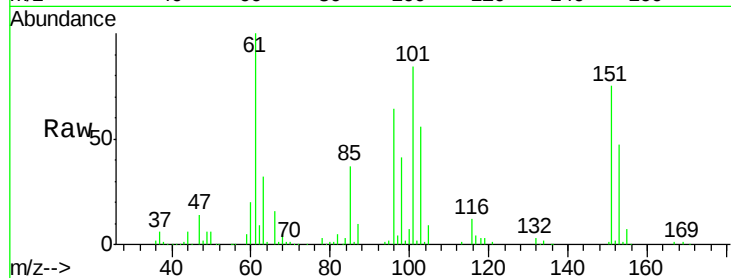
ClientSampleId :

VX0428WBS02

Tot Ion:	101	Resp:	41736
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.4	53.0
151	92.7	74.2	111.4

Manual Integrations
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#10

Methyl Iodide

Concen: 23.54 ug/l

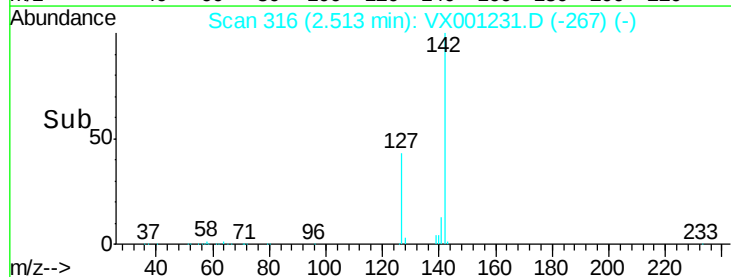
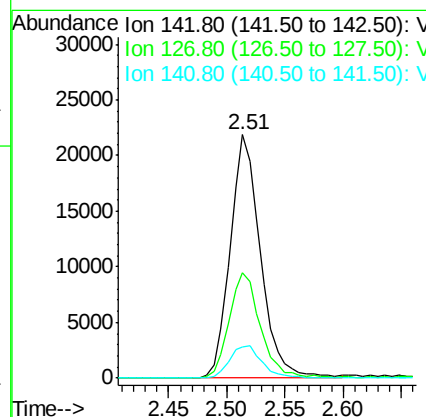
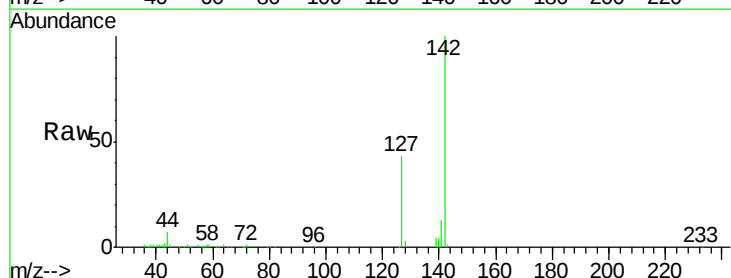
RT: 2.51 min Scan# 316

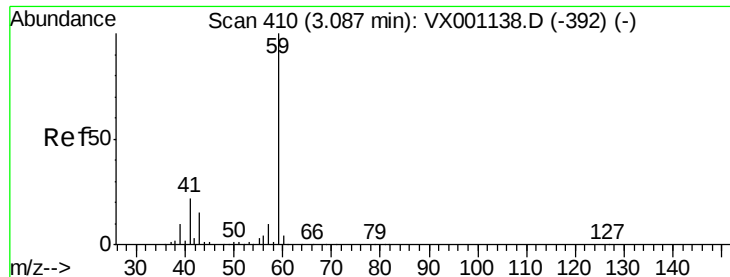
Delta R.T. 0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	142	Resp:	39481
Ion Ratio	Lower	Upper	
142	100		
127	45.0	34.7	52.1
141	14.4	11.6	17.4





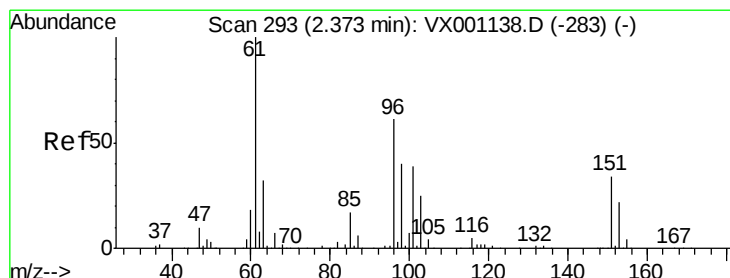
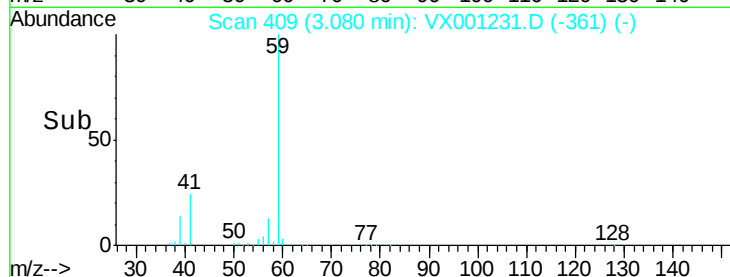
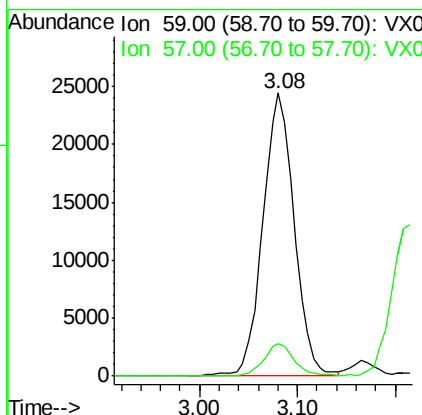
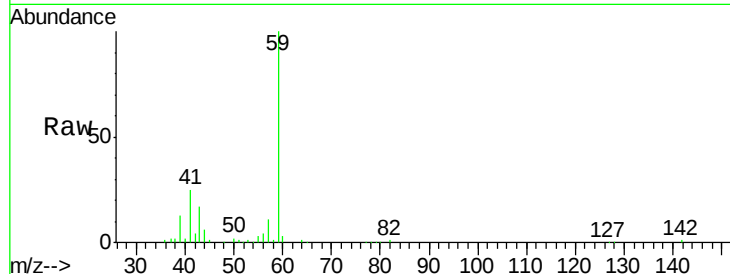
#11
Tert butyl alcohol
Concen: 92.98 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tot Ion	59	Resp	54594
Ion Ratio	100	Lower	Upper
57	11.3	8.2	12.4

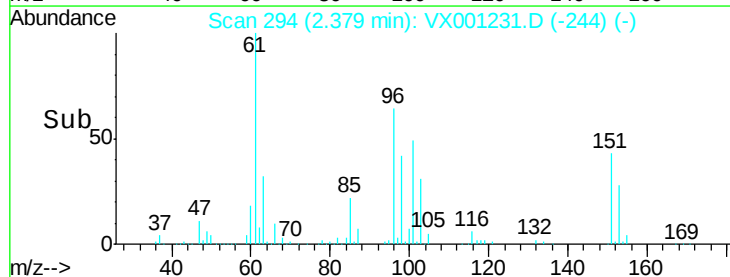
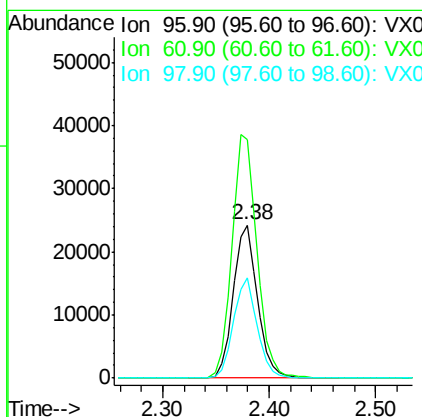
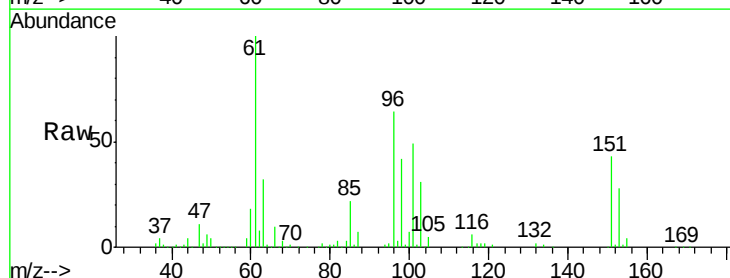
Manual Integrations
APPROVED

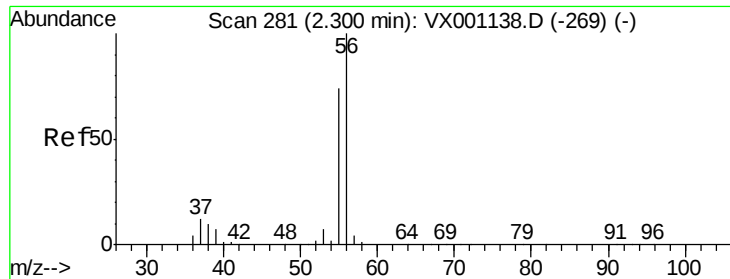
apatel
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#12
1,1-Dichloroethene
Concen: 20.05 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	96	Resp	38943
Ion Ratio	100	Lower	Upper
61	155.9	130.2	195.4
98	65.5	51.5	77.3





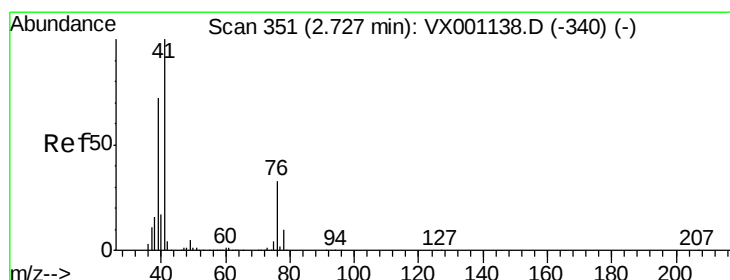
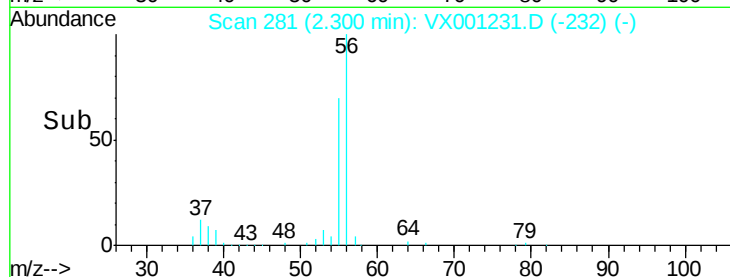
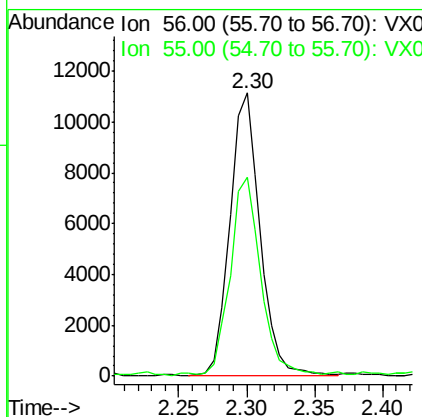
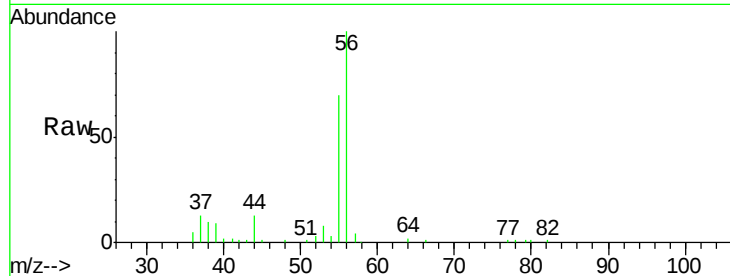
#13
Acrolein
Concen: 77.82 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tot Ion: 56 Resp: 17275
Ion Ratio Lower Upper
56 100
55 71.8 57.2 85.8

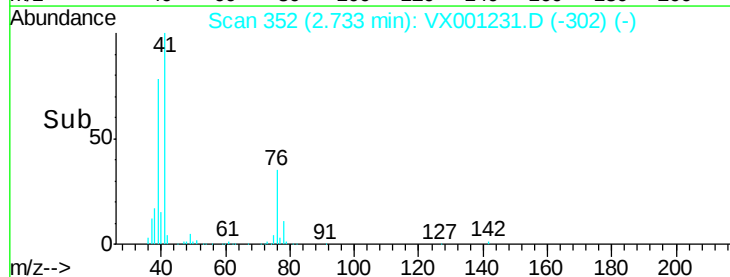
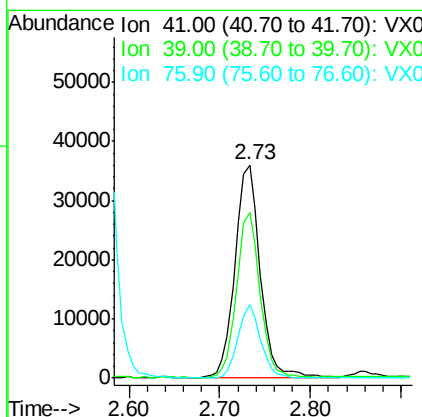
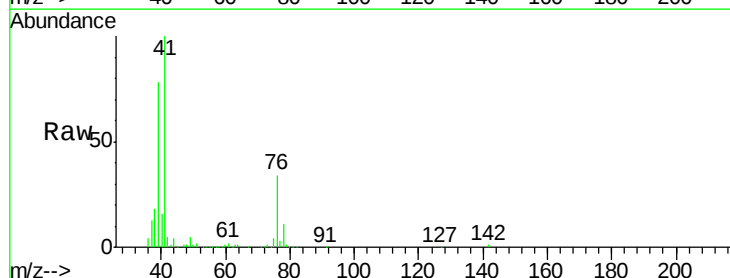
Manual Integrations
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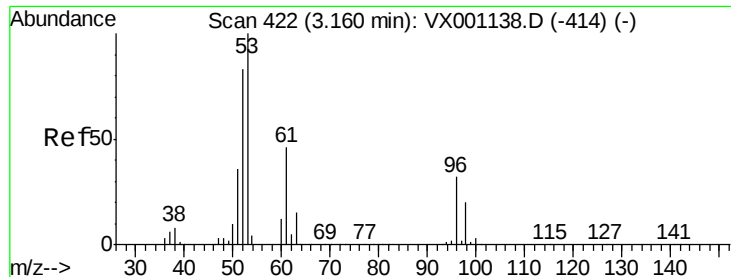
apatel
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#14
Allyl chloride
Concen: 19.62 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 41 Resp: 69520
Ion Ratio Lower Upper
41 100
39 71.7 55.6 83.4
76 31.1 24.8 37.2





#15

Acrylonitrile

Concen: 93.17 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

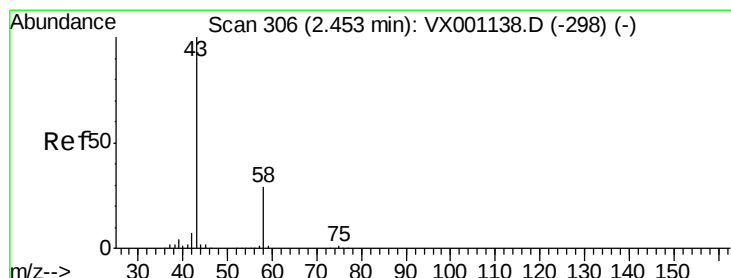
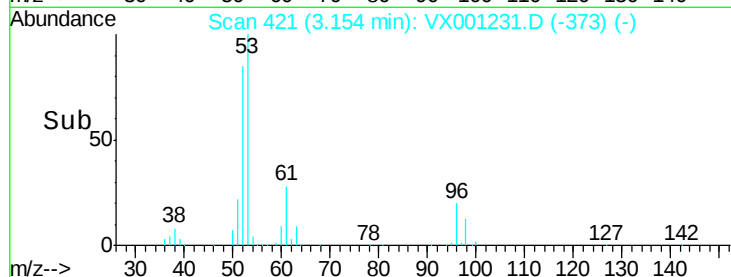
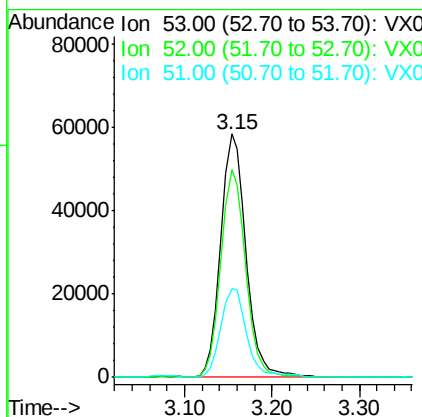
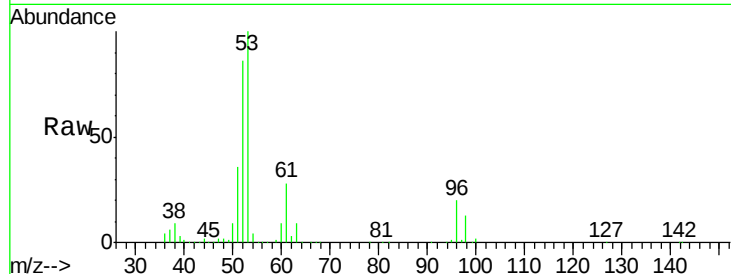
ClientSampleId :

VX0428WBS02

Tot Ion:	53	Resp:	116828
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.5	99.7
51	37.6	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 90.06 ug/l

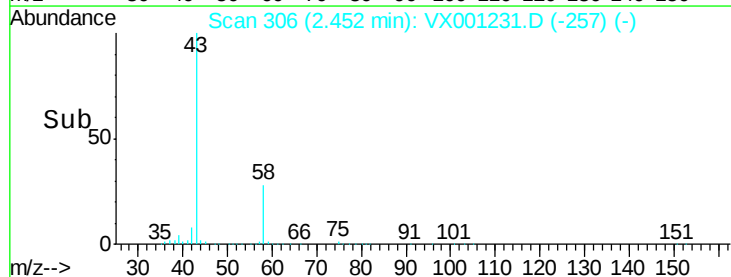
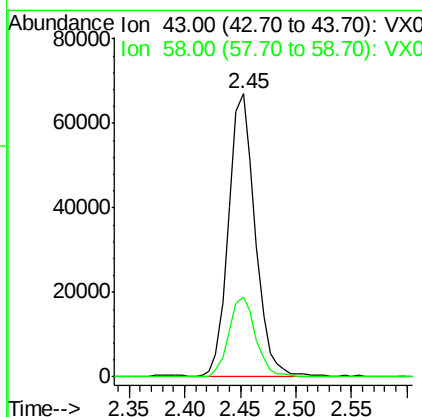
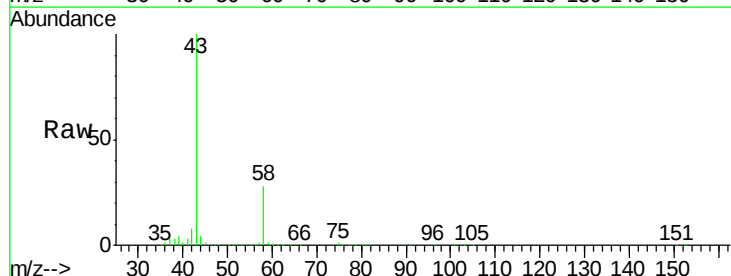
RT: 2.45 min Scan# 306

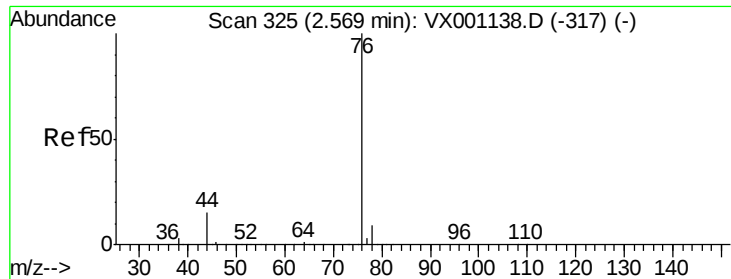
Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	43	Resp:	110270
Ion Ratio	Lower	Upper	
43	100		
58	28.2	23.0	34.6





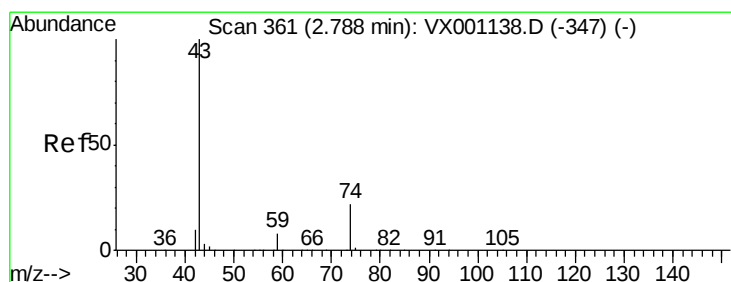
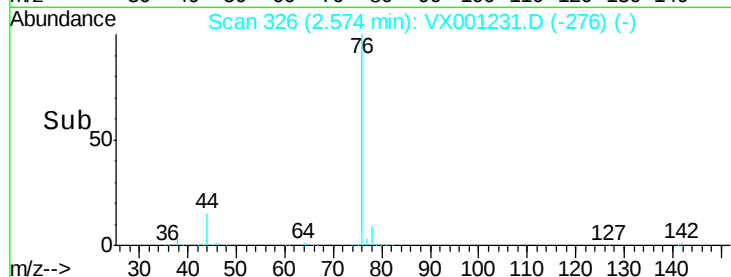
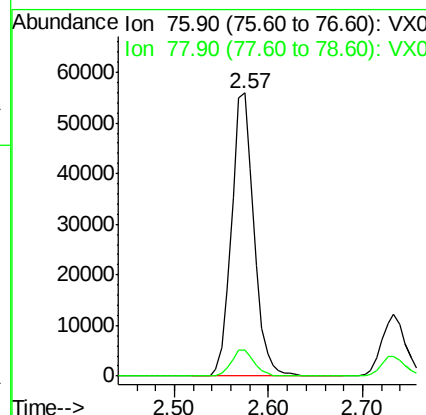
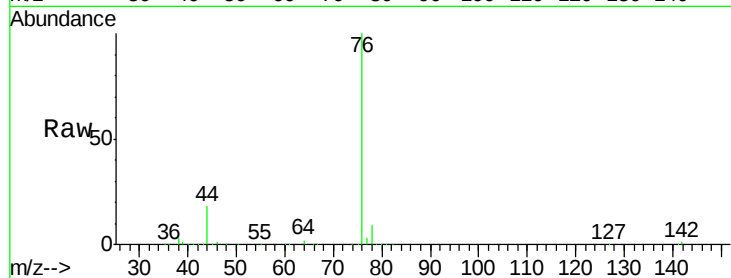
#17
Carbon Disulfide
Concen: 18.66 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

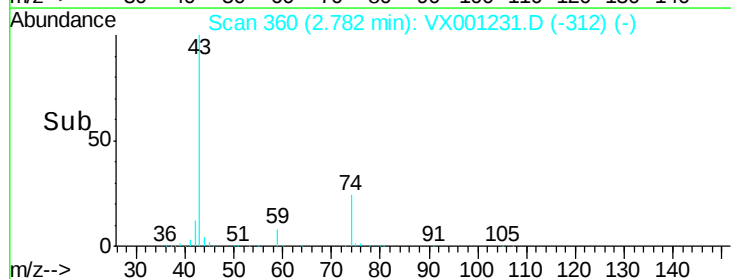
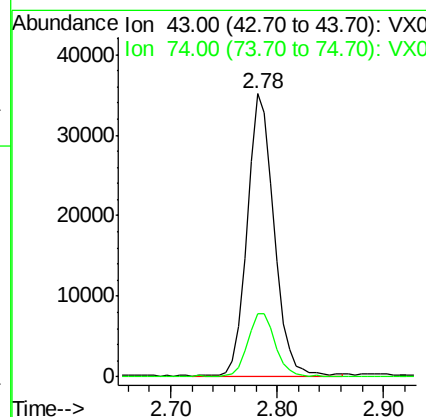
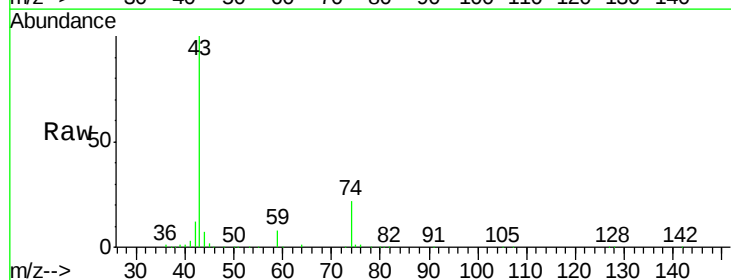
Manual Integrations
APPROVED

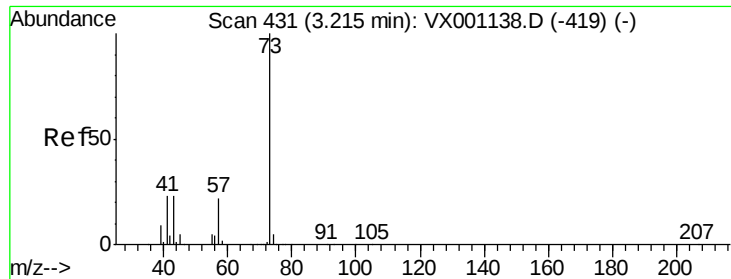
apatel
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#18
Methyl Acetate
Concen: 20.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.1	27.1





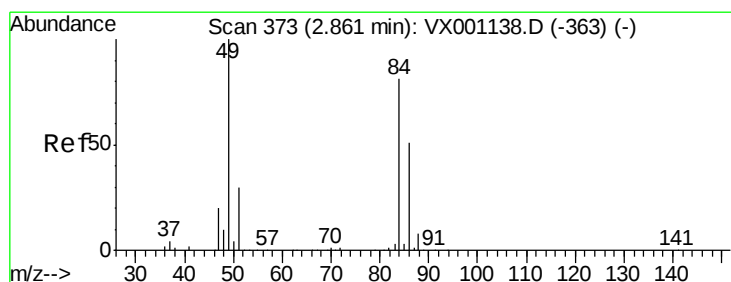
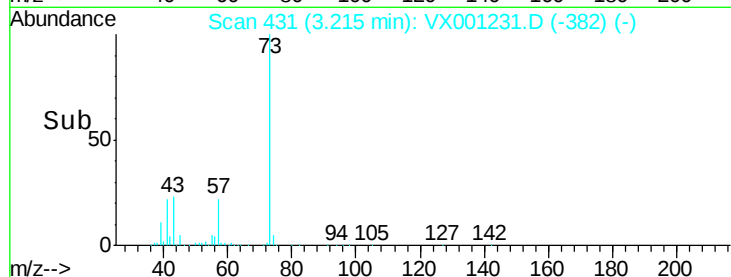
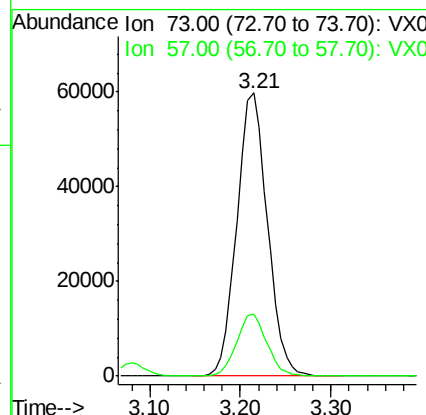
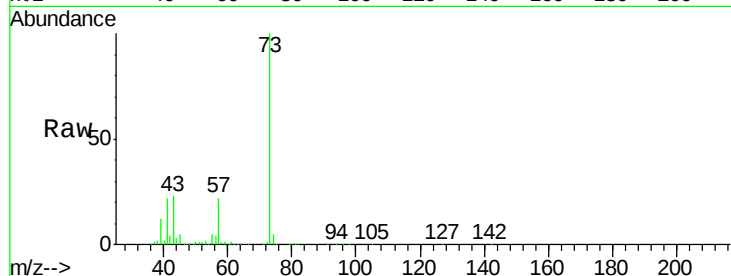
#19
Methvl tert-butvl Ether
Concen: 19.62 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.7	26.5

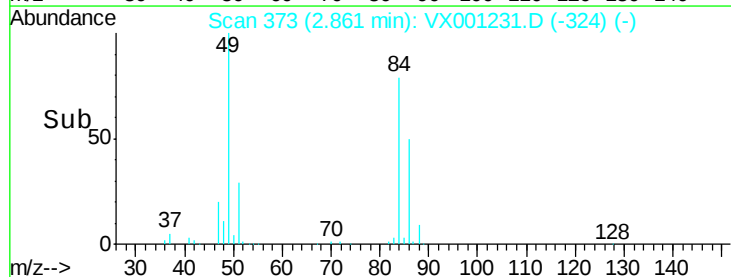
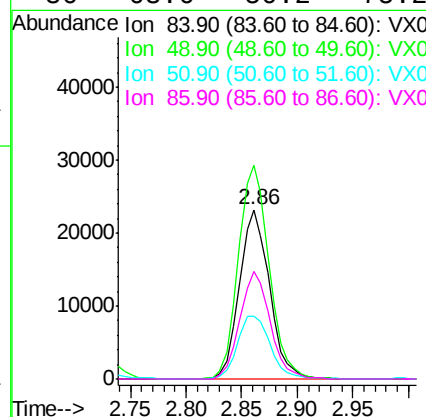
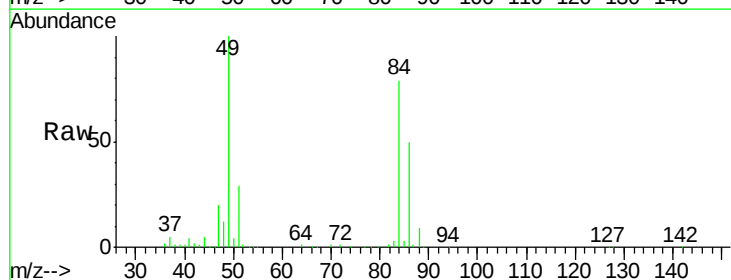
Manual Integrations
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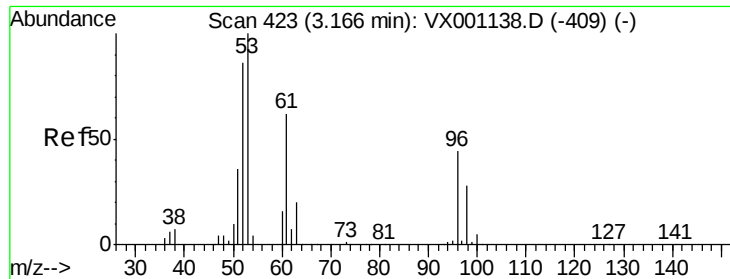
apatel
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#20
Methylene Chloride
Concen: 19.08 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	99.2	148.8
51	36.6	29.5	44.3
86	63.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 19.47 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

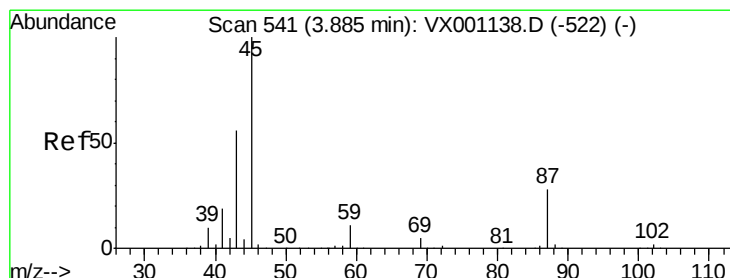
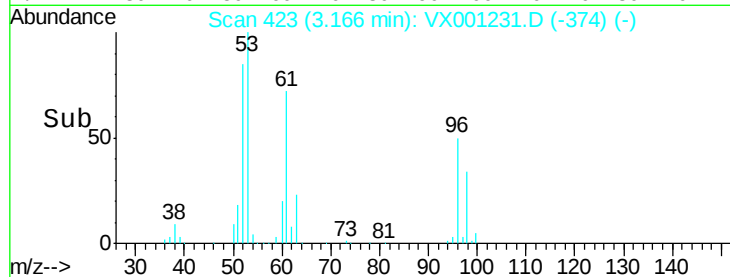
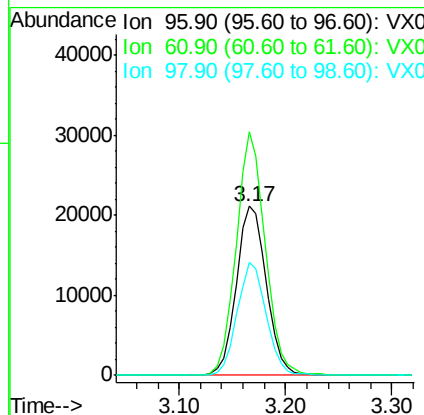
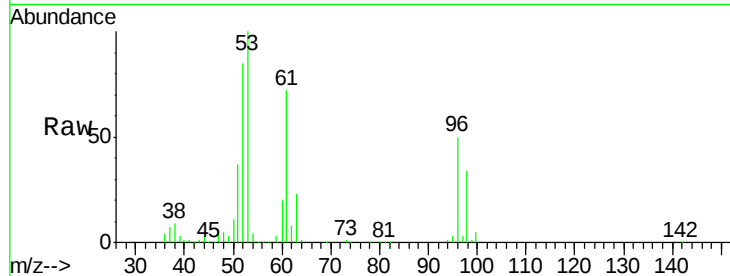
ClientSampleId :

VX0428WBS02

Tot Ion:	96	Resp:	41801
Ion	Ratio	Lower	Upper
96	100		
61	143.9	111.9	167.9
98	67.1	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.38 ug/l

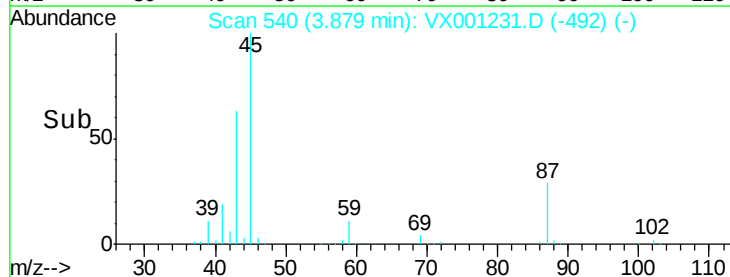
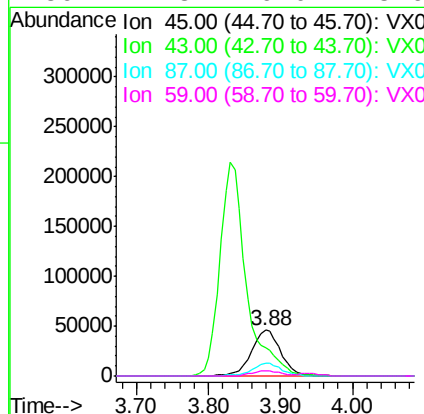
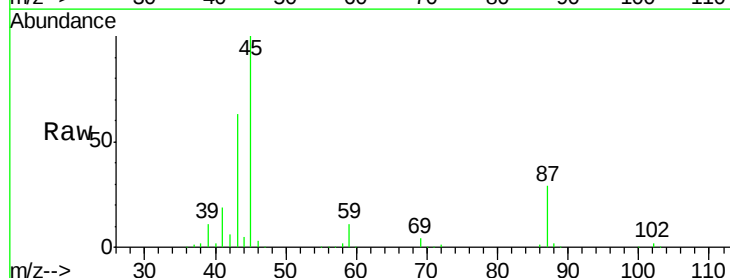
RT: 3.88 min Scan# 540

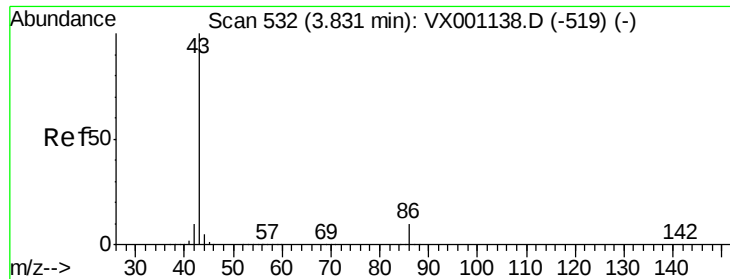
Delta R.T. -0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	45	Resp:	130291
Ion	Ratio	Lower	Upper
45	100		
43	62.3	45.0	67.4
87	28.6	22.8	34.2
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 91.71 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion: 43 Resp: 551607

Ion Ratio Lower Upper

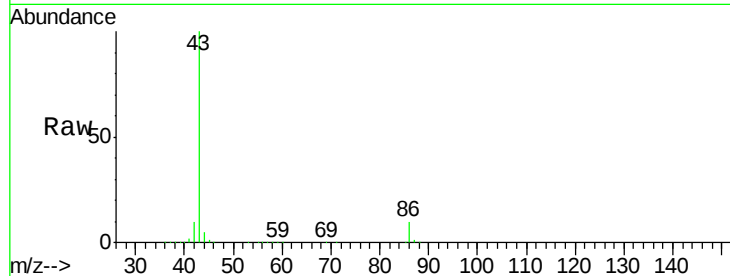
43 100

86 10.1 8.0 12.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

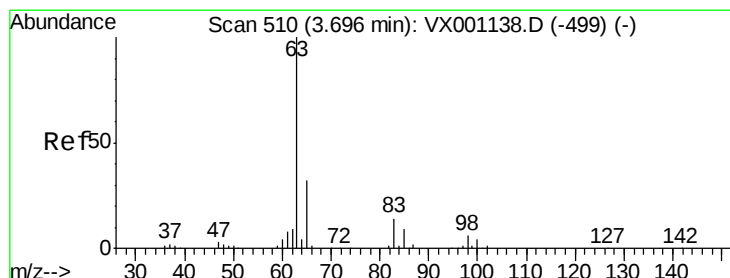
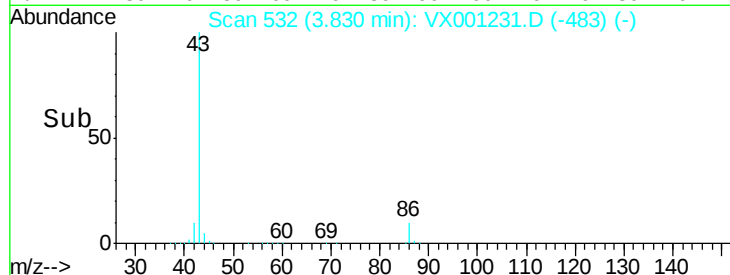
100000

50000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 19.10 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

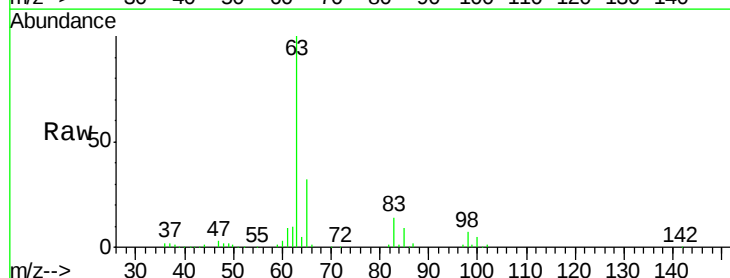
Tgt Ion: 63 Resp: 71189

Ion Ratio Lower Upper

63 100

98 6.9 3.1 9.4

100 5.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

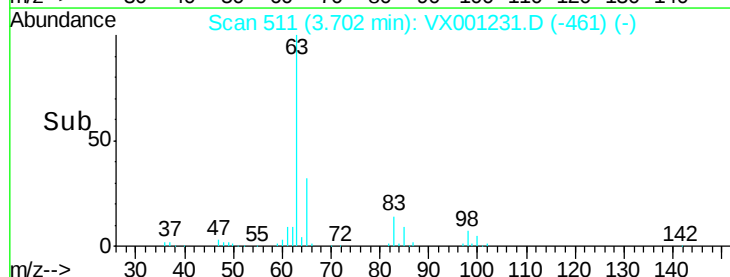
20000

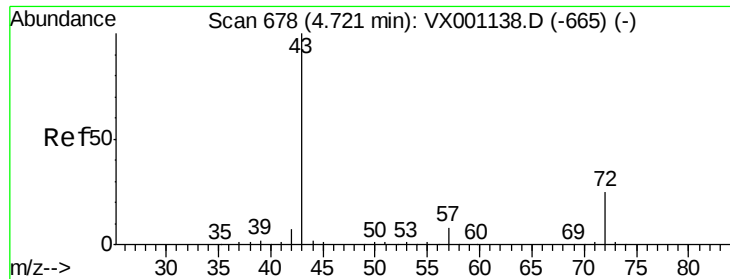
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 87.12 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion: 43 Resp: 159615

Ion Ratio Lower Upper

43 100

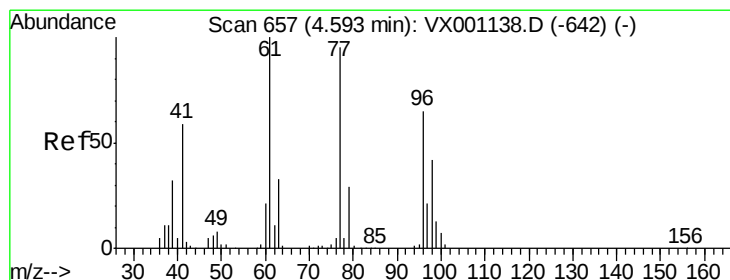
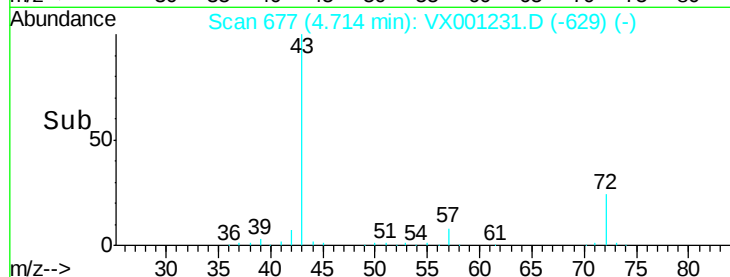
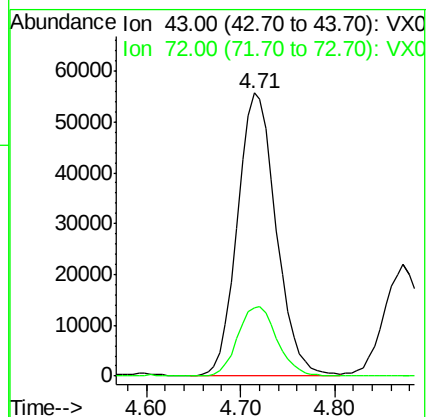
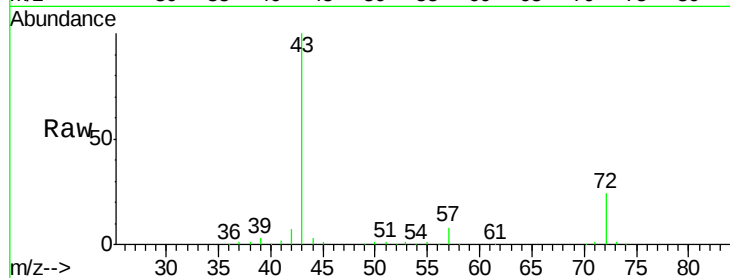
72 24.1 20.0 30.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 14.61 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001231.D

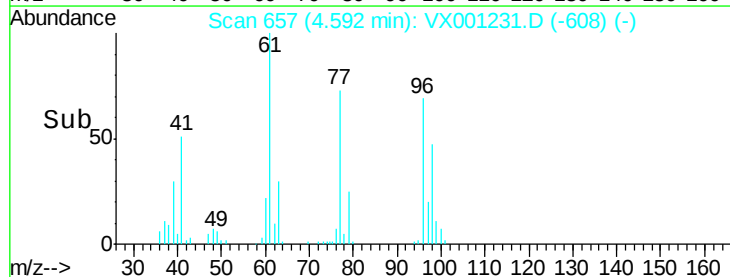
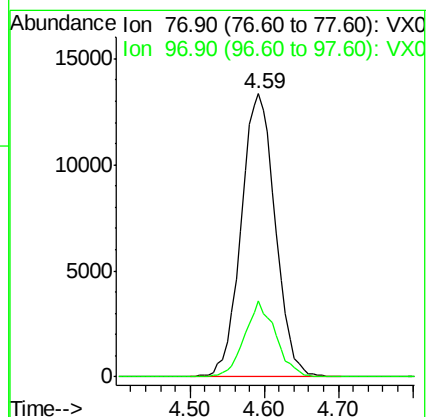
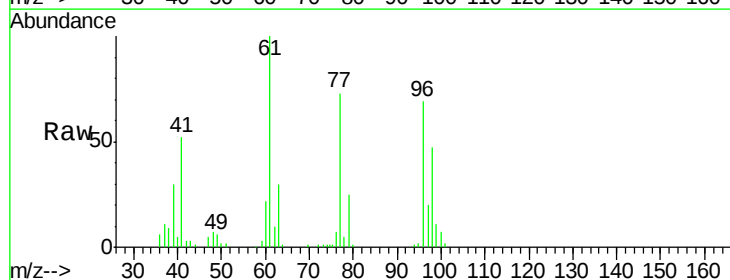
Acq: 28 Apr 2018 23:37

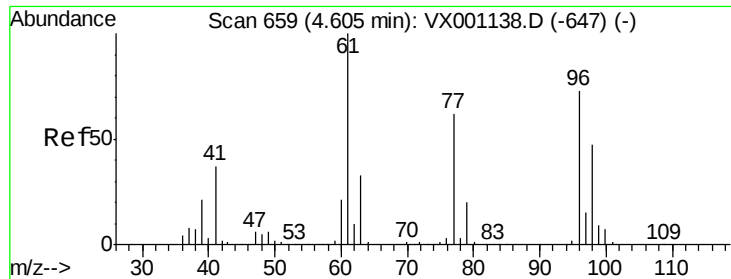
Tgt Ion: 77 Resp: 42844

Ion Ratio Lower Upper

77 100

97 24.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.49 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tot Ion:	96	Resp:	45818
Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	289.0
98	65.6	0.0	128.2

Instrument :

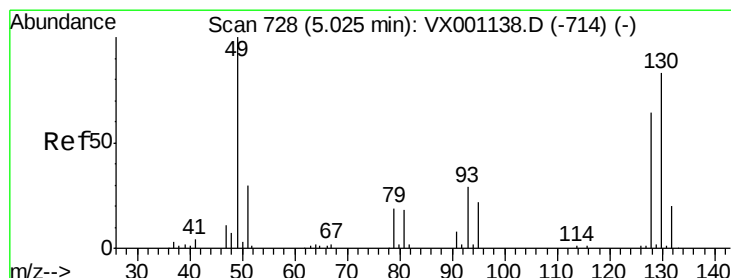
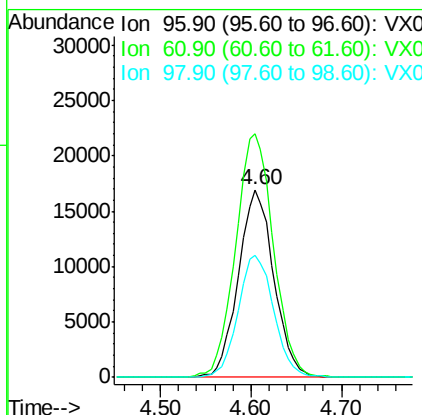
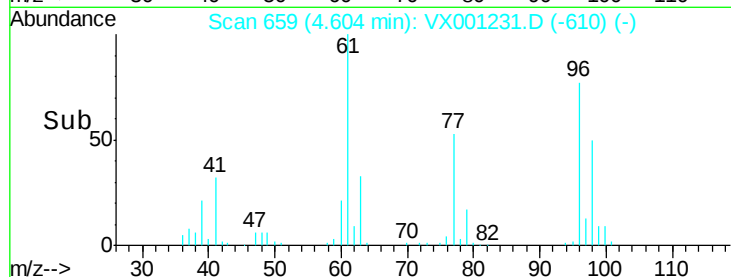
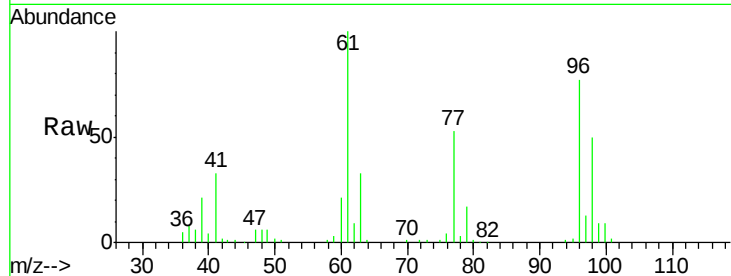
MSVOA_X

ClientSampled :

VX0428WBS02

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#28

Bromochloromethane

Concen: 19.31 ug/l

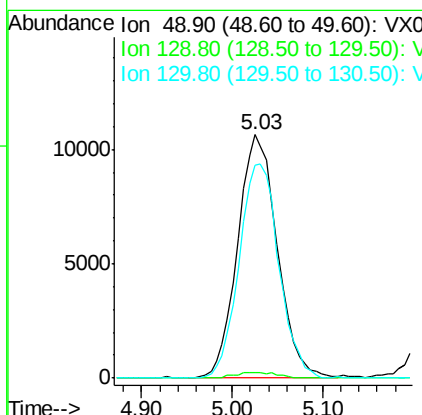
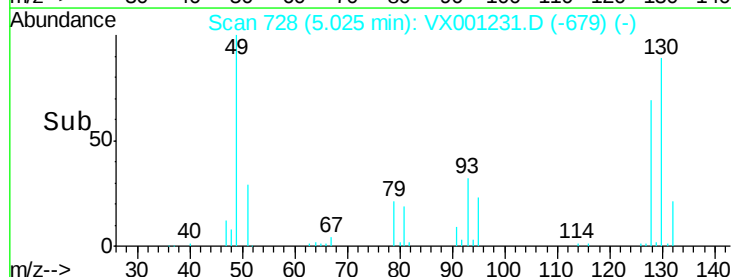
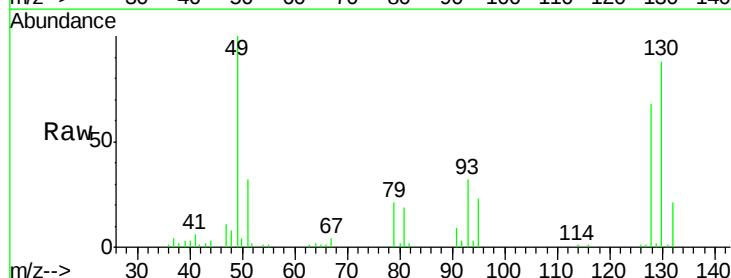
RT: 5.03 min Scan# 728

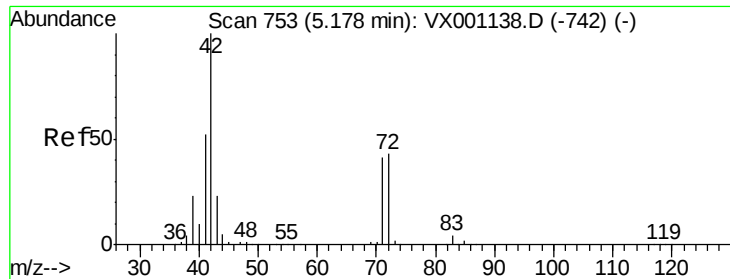
Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	49	Resp:	32258
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	87.9	68.2	102.2





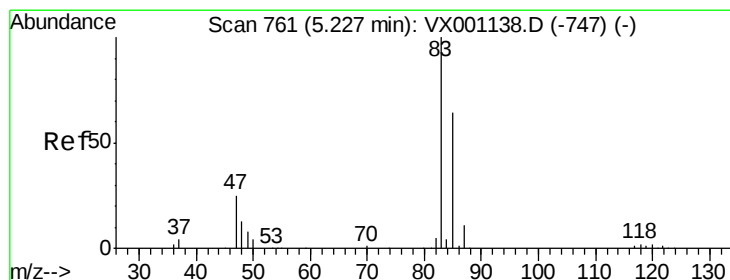
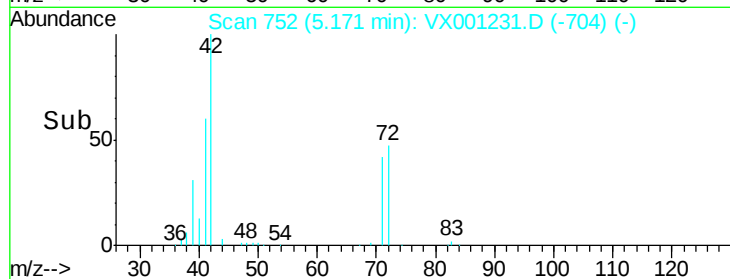
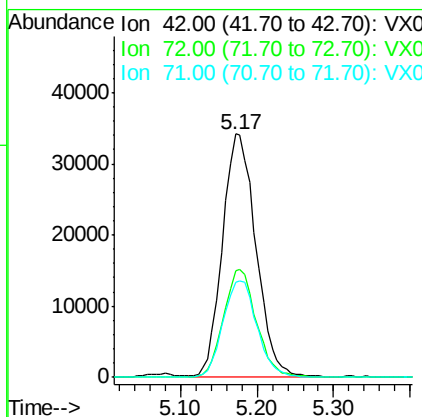
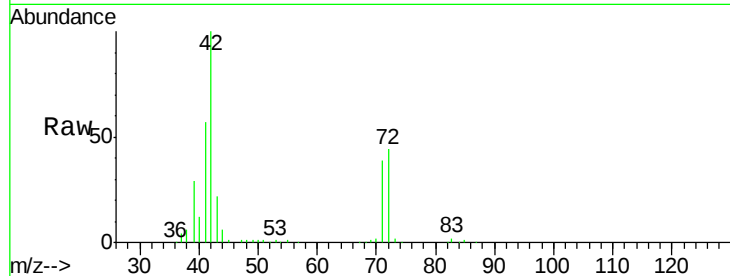
#29
Tetrahydrofuran
Concen: 87.76 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.4	51.6
71	40.3	32.1	48.1

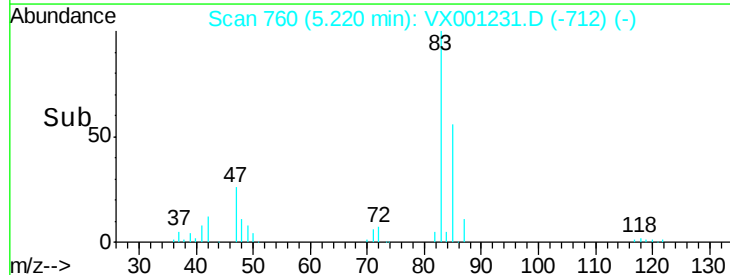
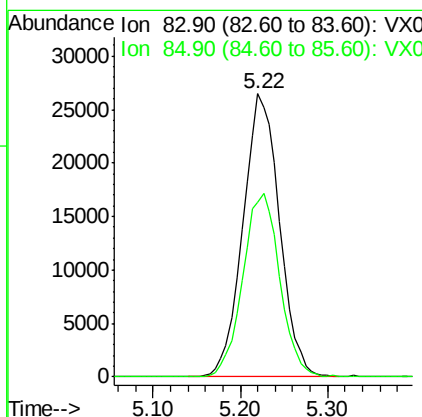
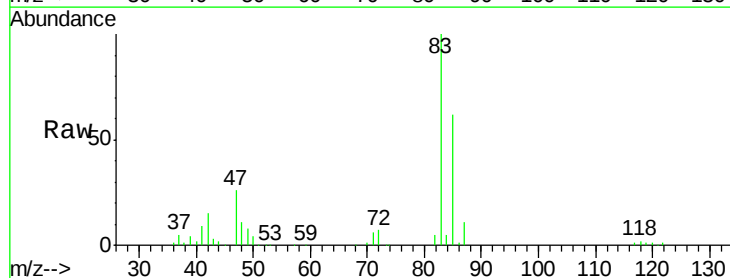
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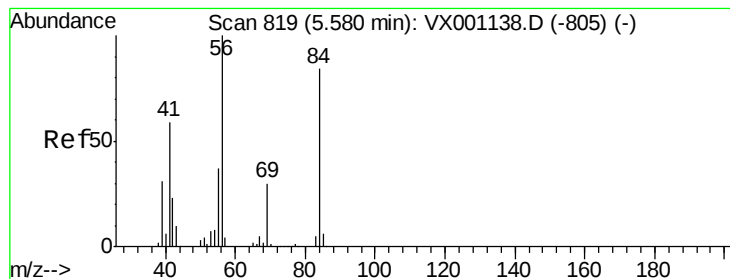
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#30
Chloroform
Concen: 19.37 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.4	77.0





#31

Cyclohexane

Concen: 19.46 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

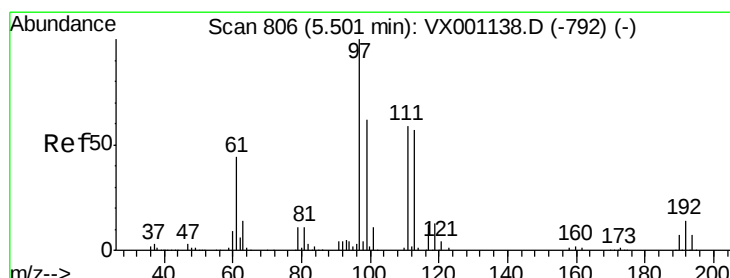
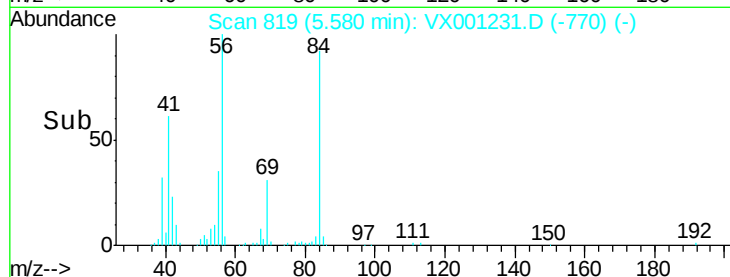
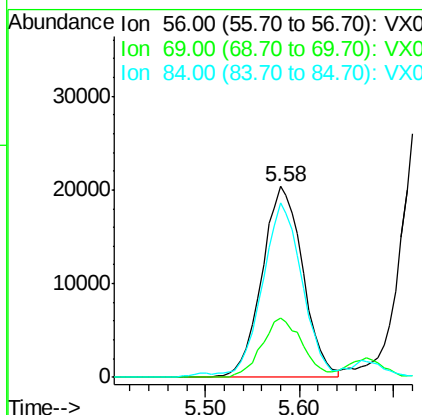
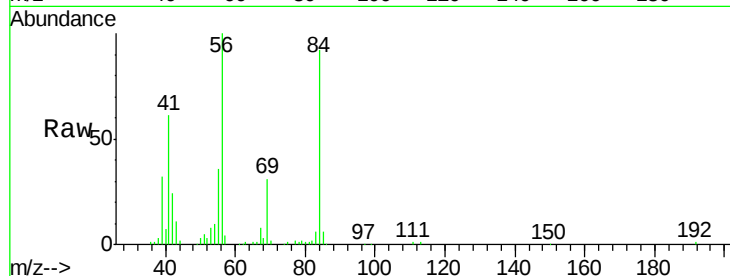
ClientSampleId :

VX0428WBS02

Tot Ion:	56	Resp:	61611
Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.2	36.2
84	90.5	67.5	101.3

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#32

1,1,1-Trichloroethane

Concen: 19.40 ug/l

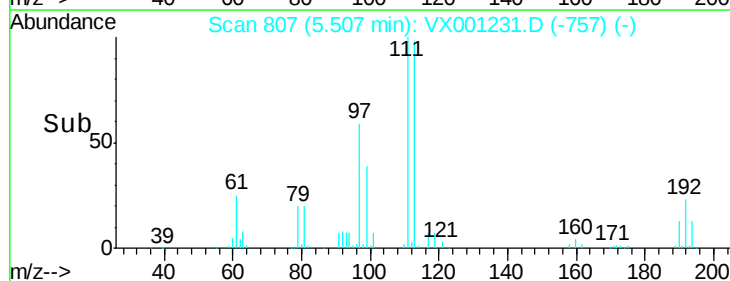
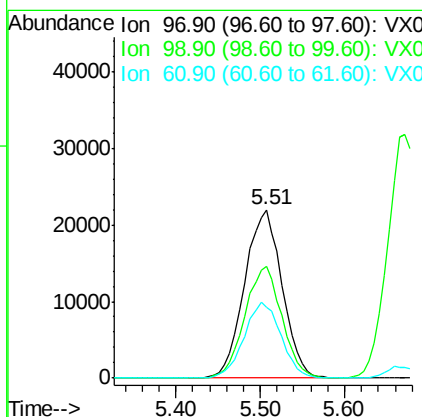
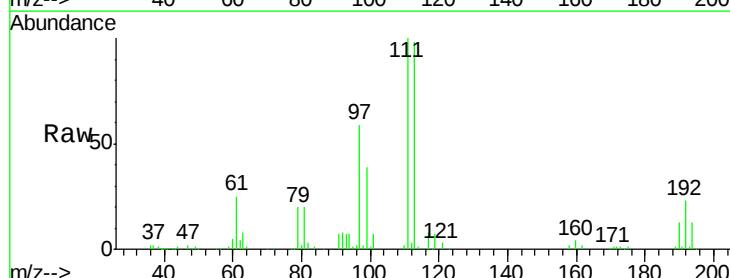
RT: 5.51 min Scan# 807

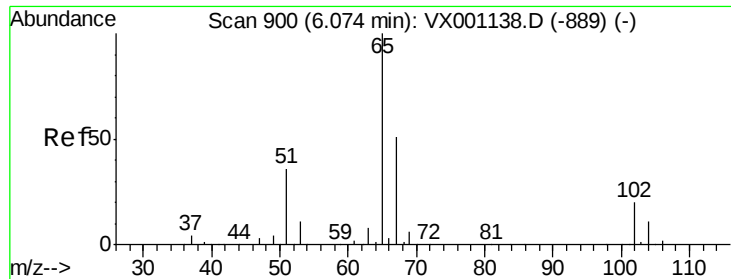
Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	97	Resp:	66362
Ion	Ratio	Lower	Upper
97	100		
99	65.6	50.9	76.3
61	44.9	35.0	52.6





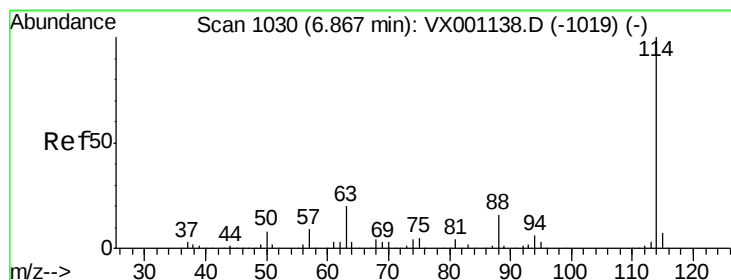
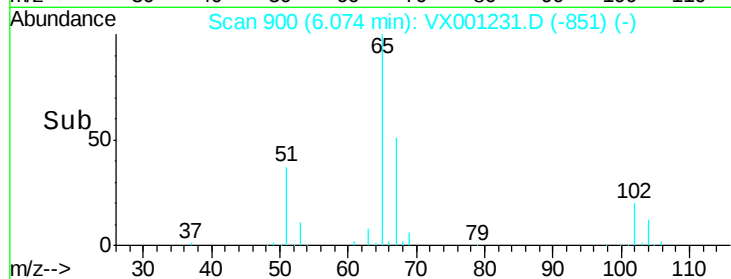
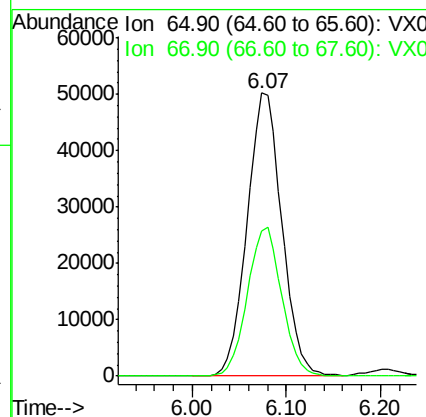
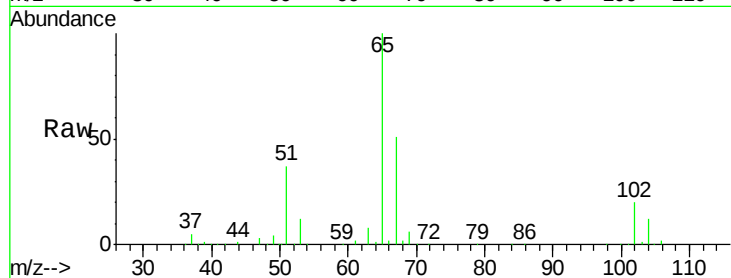
#33
 1,2-Dichloroethane-d4
 Concen: 43.68 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	130045		
67	52.0	0.0	102.2	

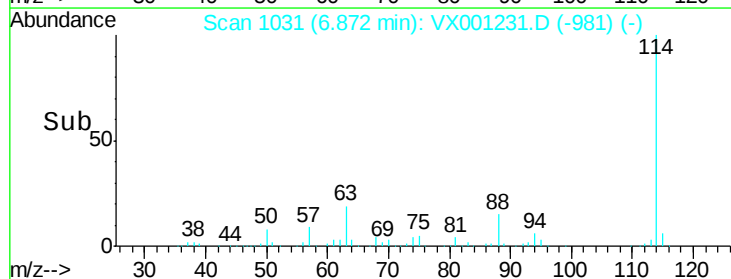
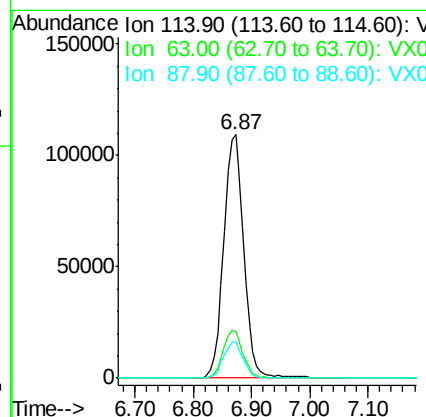
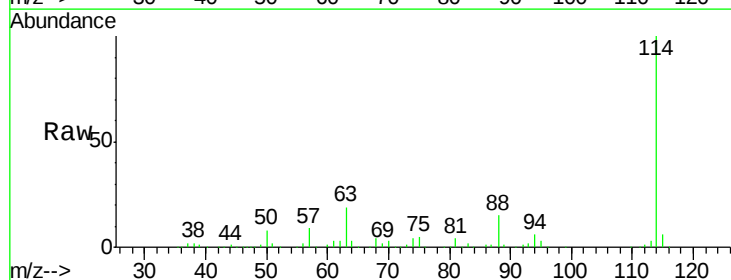
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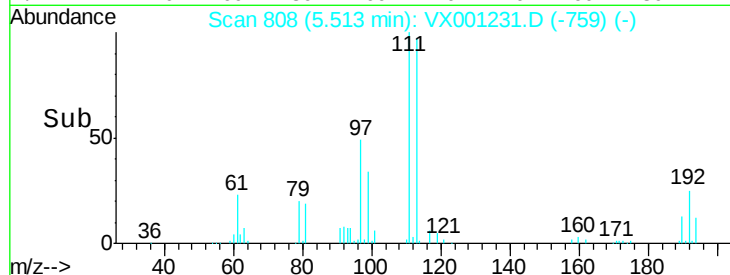
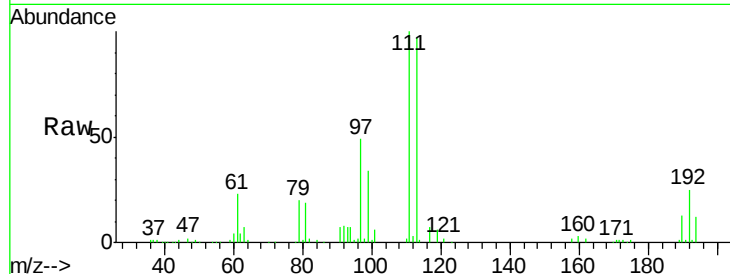
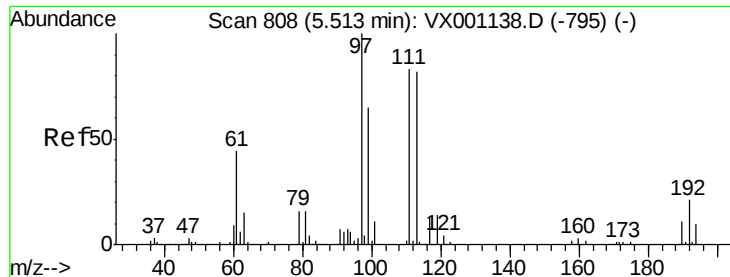
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	261763		
63	19.3	0.0	40.4	
88	14.7	0.0	31.8	





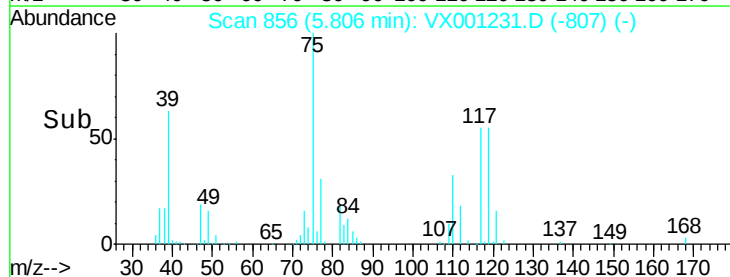
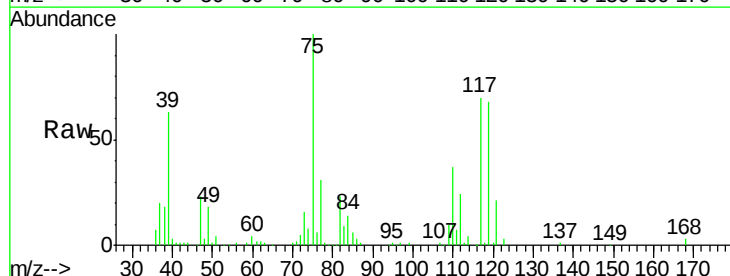
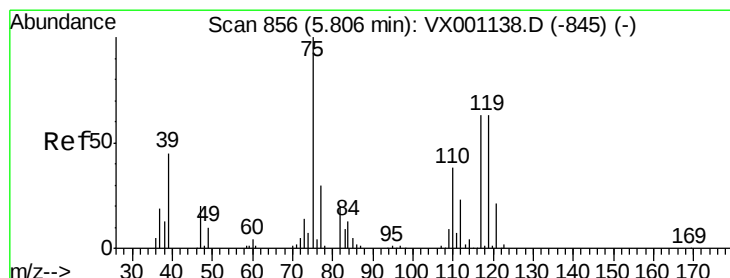
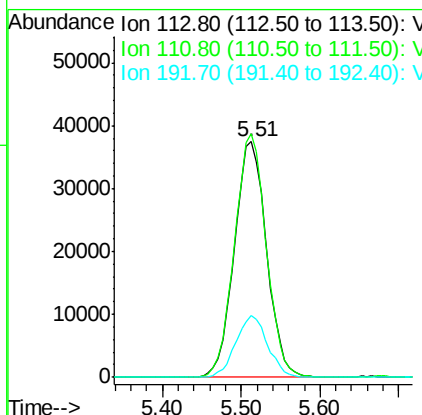
#35
Dibromofluoromethane
Concen: 49.13 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106449		
111	101.5	82.2	123.4	
192	25.8	20.6	30.8	

Instrument :
MSVOA_X
ClientSampled :
VX0428WBS02

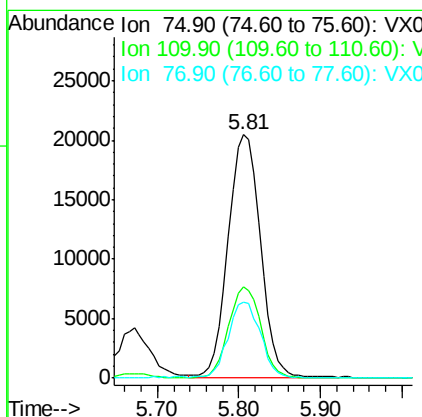
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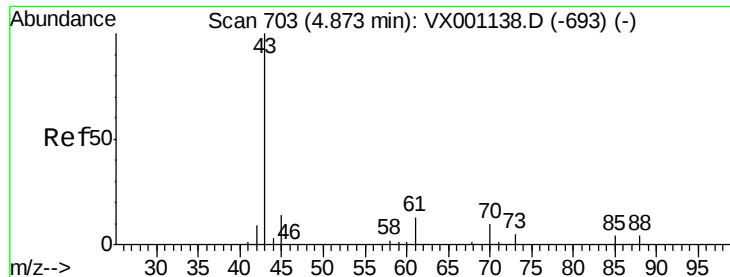
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#36
1,1-Dichloropropene
Concen: 19.59 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	56499		
110	37.2	19.0	57.0	
77	31.2	24.8	37.2	





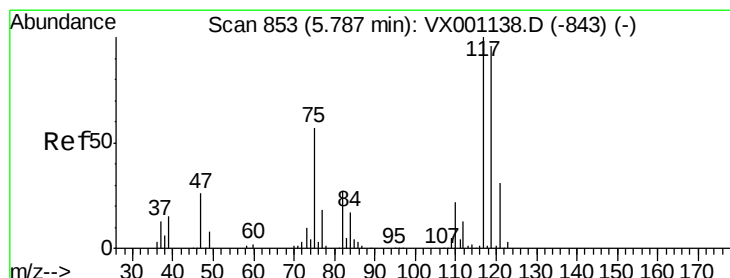
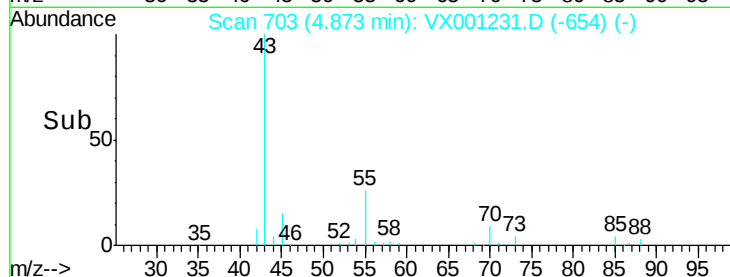
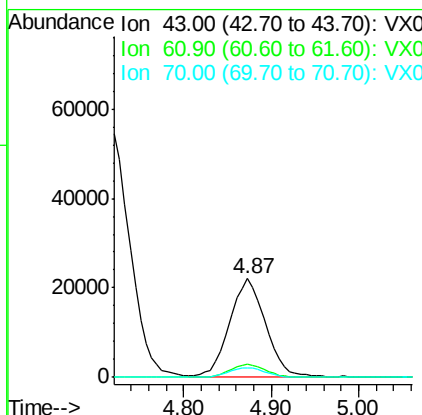
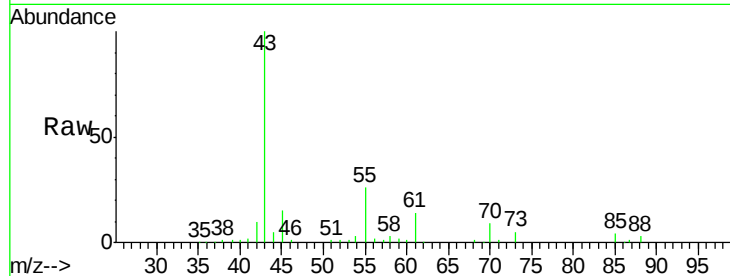
#37
Ethyl Acetate
Concen: 18.15 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampled :
VX0428WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	10.2	8.2	12.2

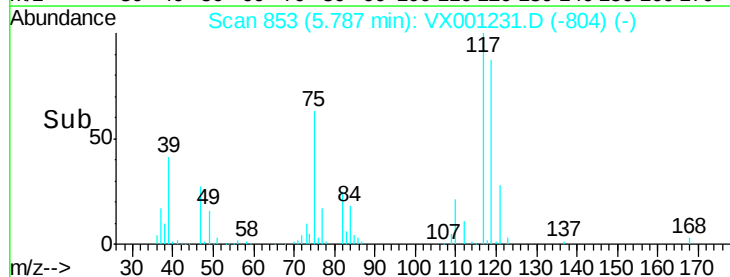
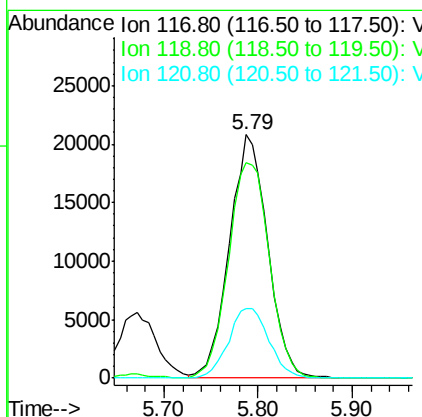
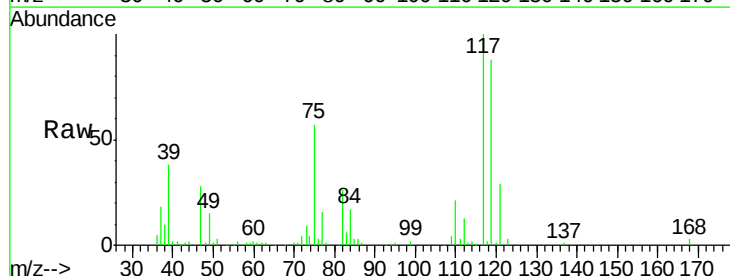
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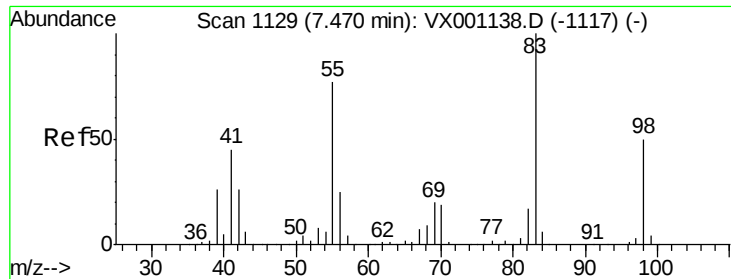
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#38
Carbon Tetrachloride
Concen: 19.91 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.4	76.5	114.7
121	28.6	24.6	37.0





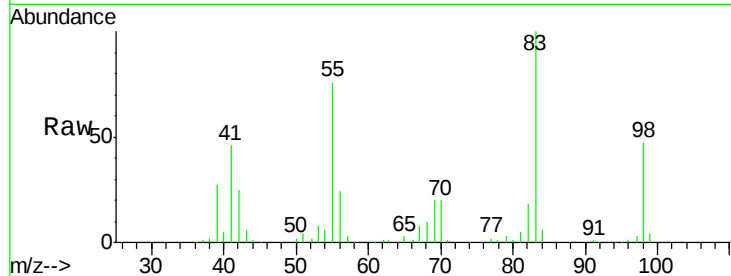
#39
Methvlcvclohexane
Concen: 19.46 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

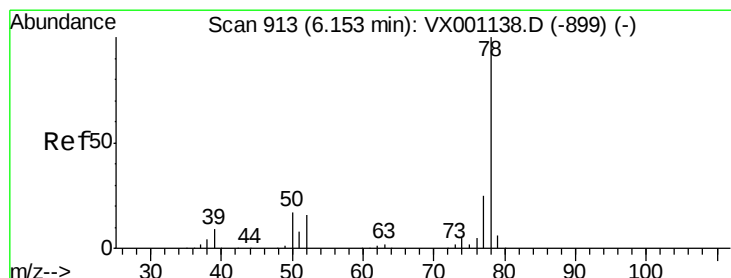
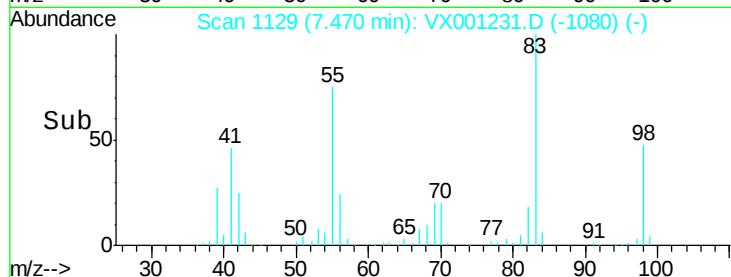
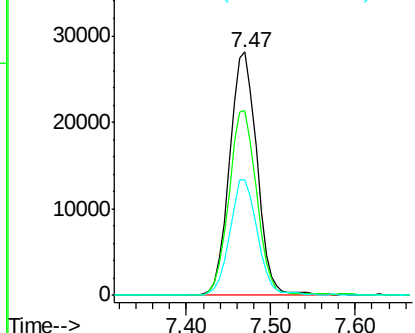
Tot Ion	83	Resp	62129
Ion Ratio	100	Lower	Upper
83	100		
55	75.7	61.8	92.6
98	47.5	40.0	60.0

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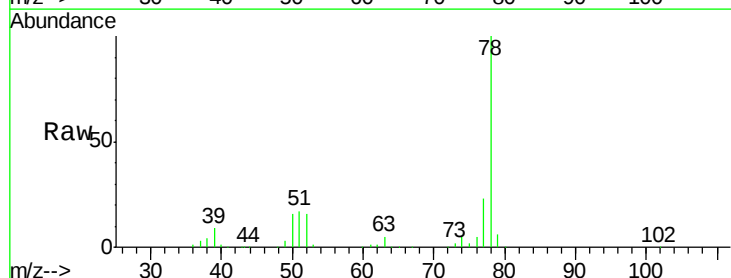


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

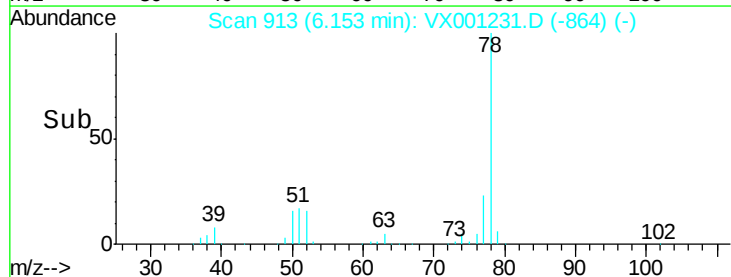
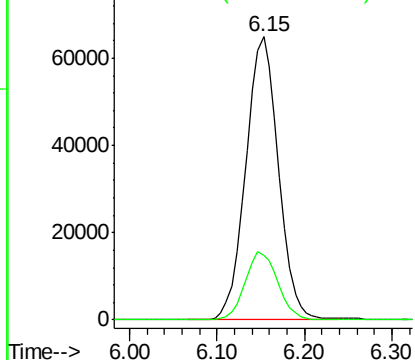


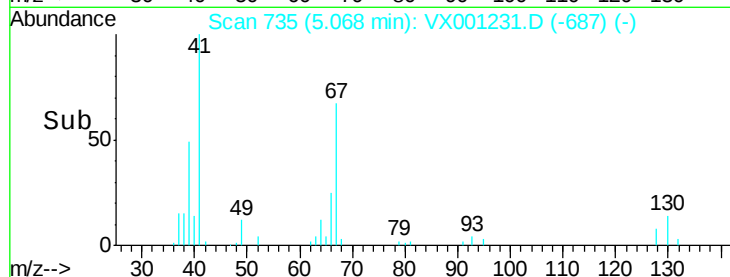
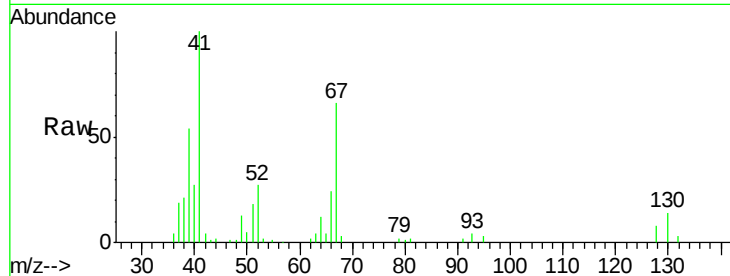
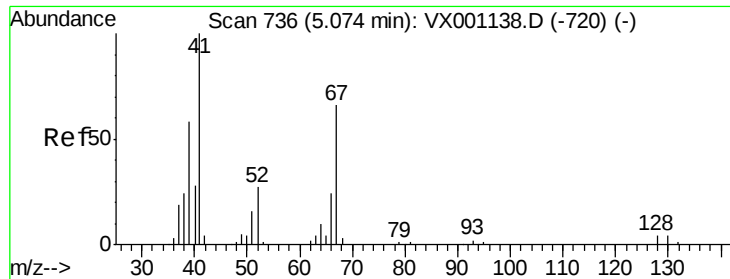
#40
Benzene
Concen: 20.13 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	78	Resp	167943
Ion Ratio	100	Lower	Upper
78	100		
77	23.0	19.7	29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





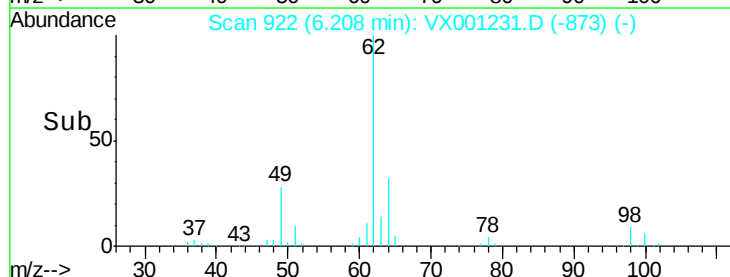
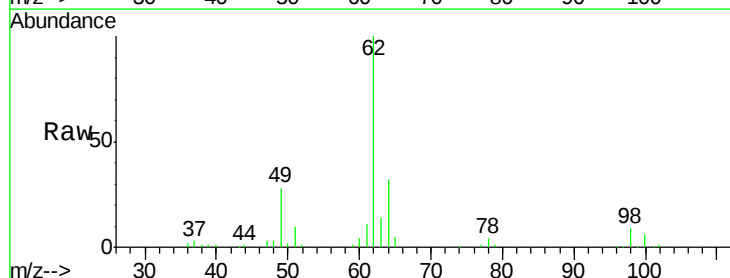
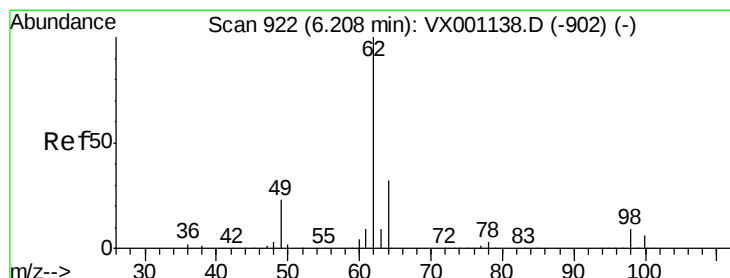
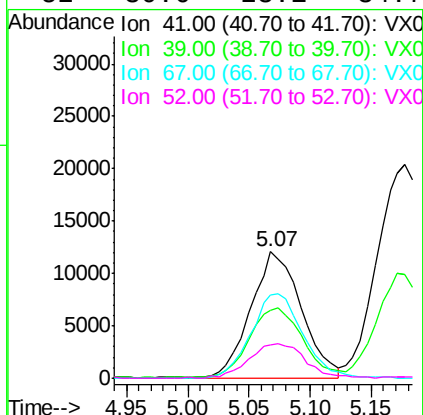
#41
Methacrylonitrile
Concen: 18.01 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		34950		
39	59.8	45.9	68.9		
67	68.3	53.2	79.8		
52	30.6	23.1	34.7		

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

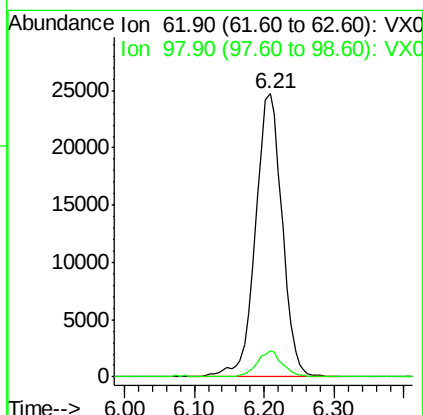
Manual Integrations
APPROVED

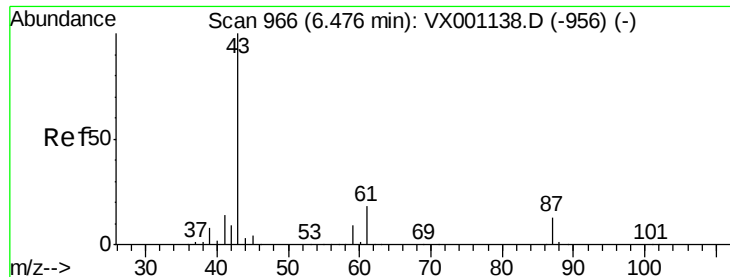
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#42
1,2-Dichloroethane
Concen: 19.50 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		65572		
98	8.8	0.0	17.0		





#43

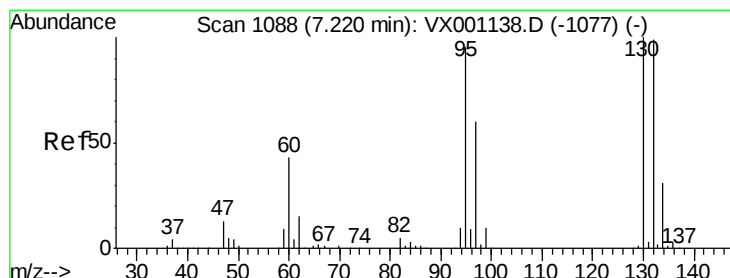
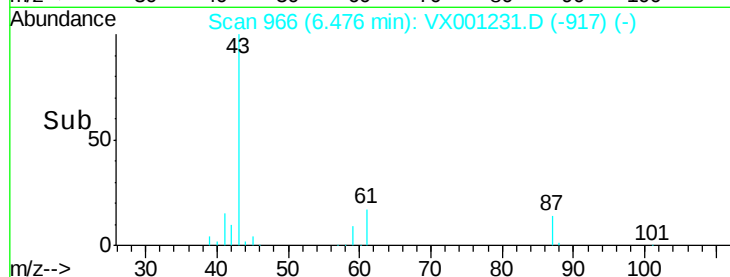
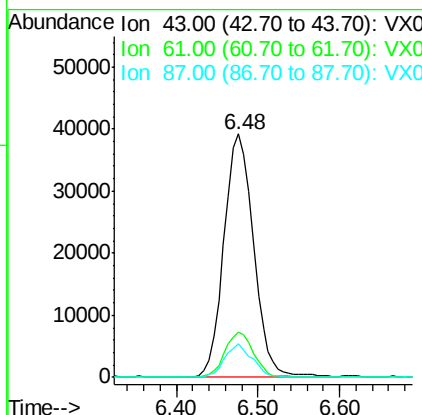
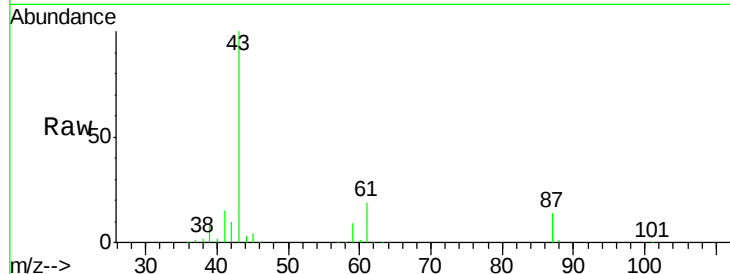
Isopropyl Acetate
 Concen: 18.12 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.0	22.6
87	12.8	10.3	15.5

Manual Integrations
 APPROVED

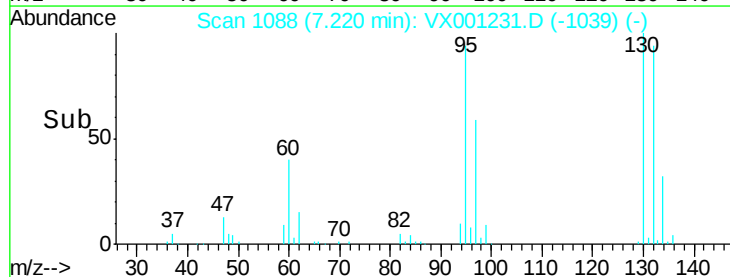
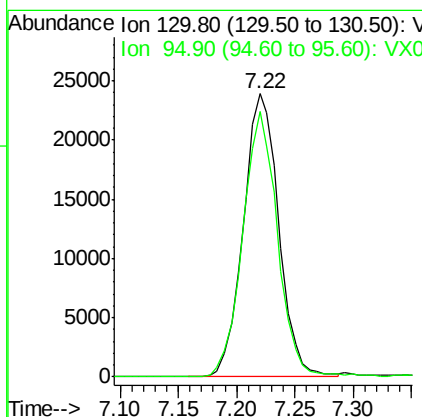
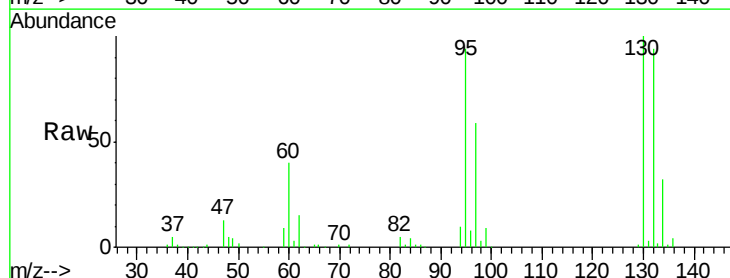
apatel
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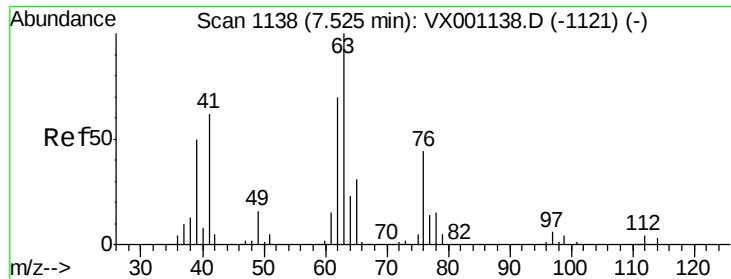


#44

Trichloroethene
 Concen: 20.37 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	189.6





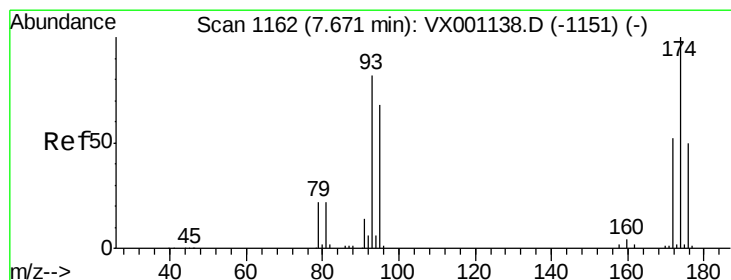
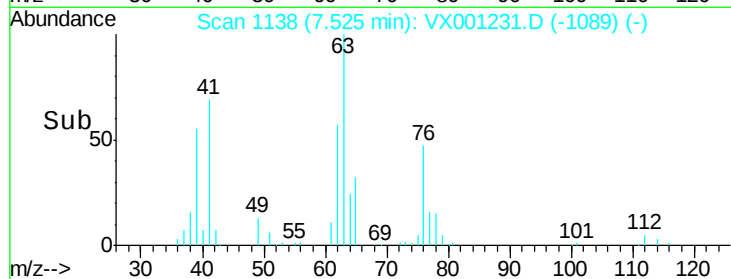
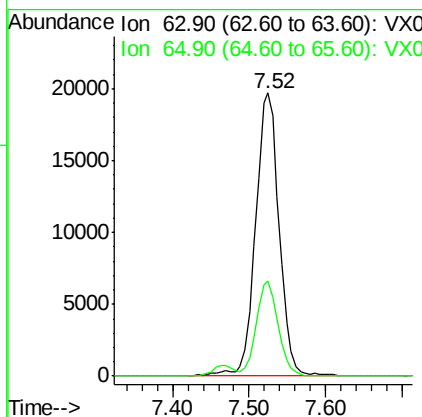
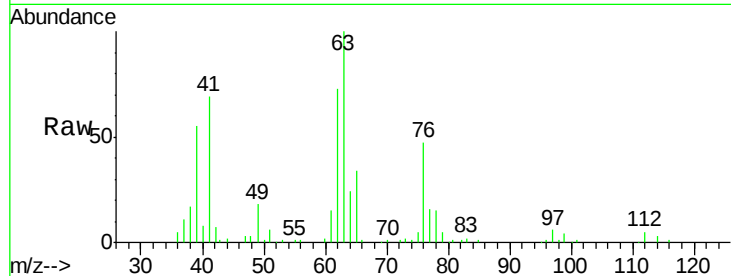
#45
 1,2-Dichloropropane
 Concen: 19.37 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampled :
 VX0428WBS02

Tot Ion: 63 Resp: 42506
 Ion Ratio Lower Upper
 63 100
 65 33.9 24.9 37.3

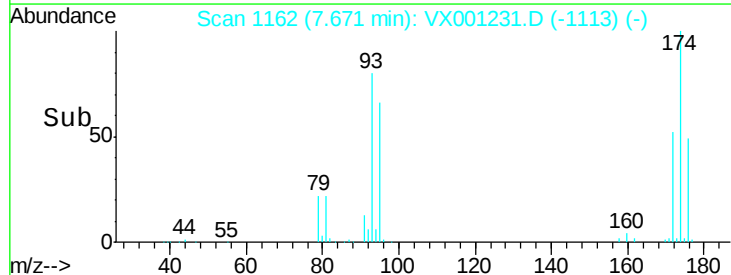
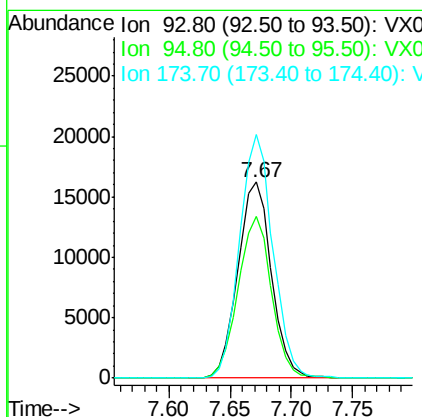
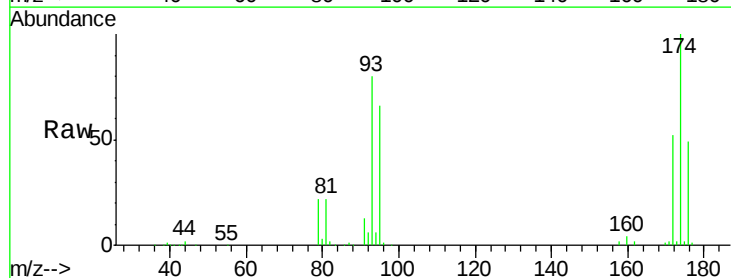
Manual Integrations
 APPROVED

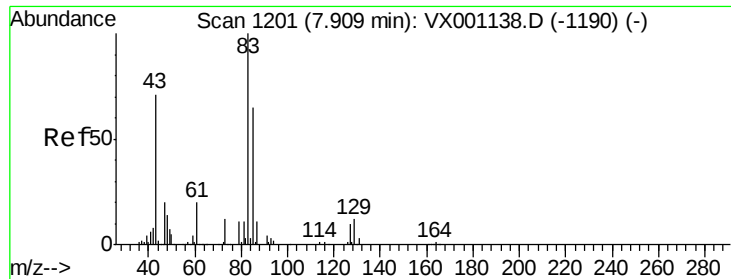
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#46
 Dibromomethane
 Concen: 20.40 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion: 93 Resp: 31007
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.4 99.6
 174 123.1 99.6 149.4





#47

Bromodichloromethane

Concen: 19.43 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

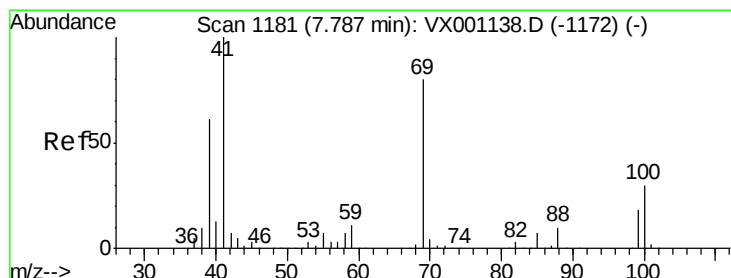
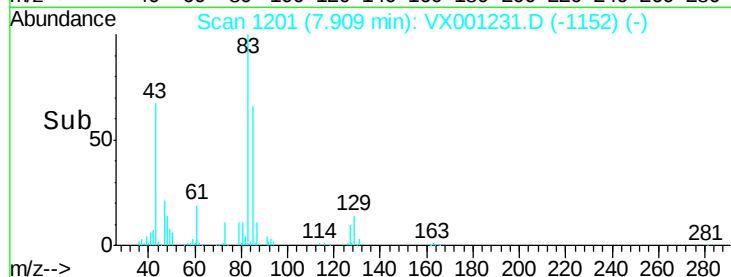
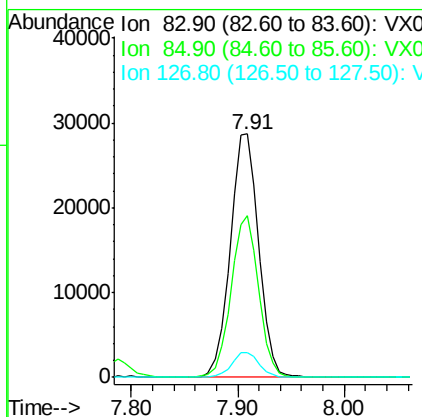
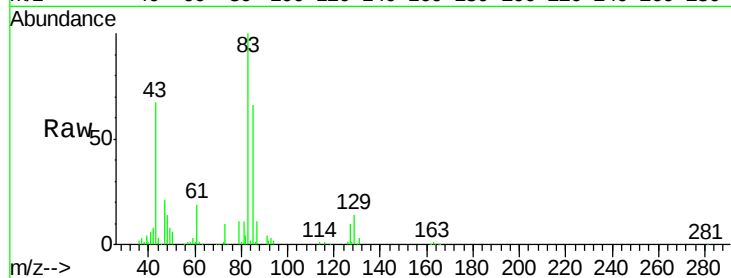
ClientSampleId :

VX0428WBS02

Tot Ion:	83	Resp:	53658
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.9	77.9
127	10.2	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.94 ug/l

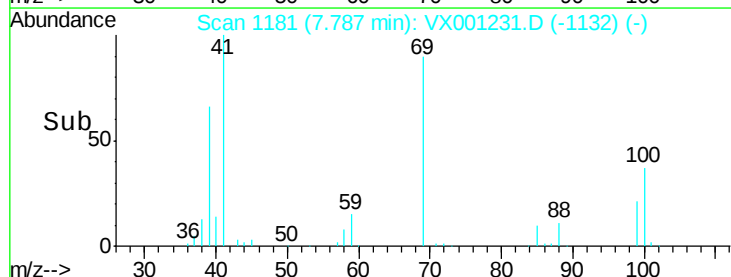
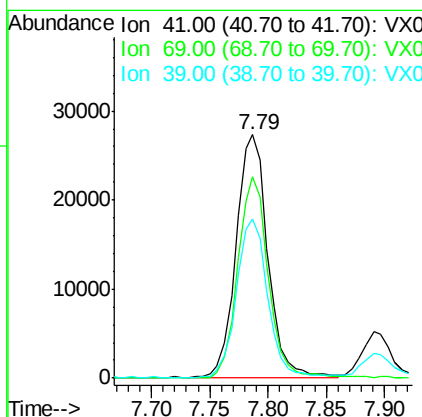
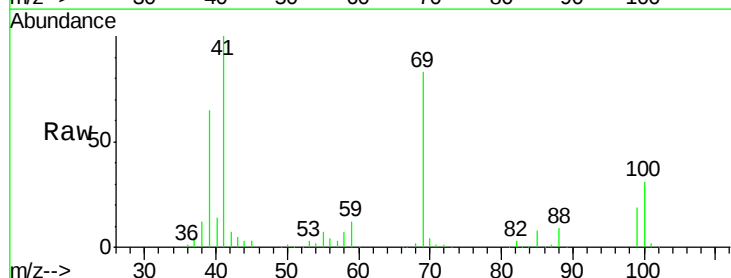
RT: 7.79 min Scan# 1181

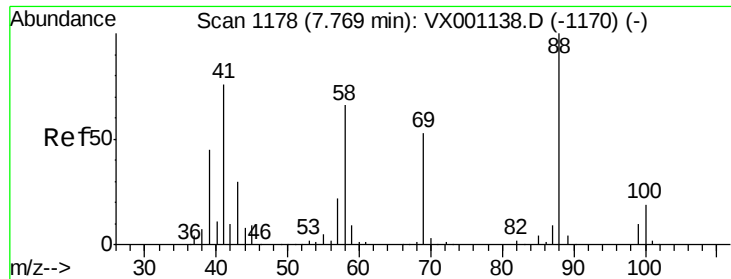
Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	41	Resp:	51728
Ion	Ratio	Lower	Upper
41	100		
69	80.2	62.4	93.6
39	64.1	48.7	73.1





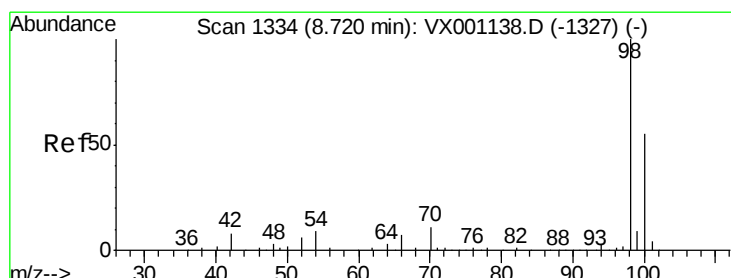
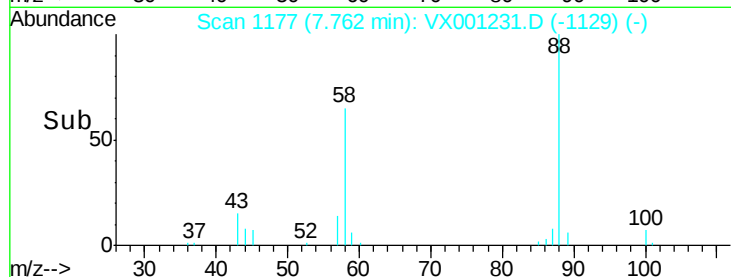
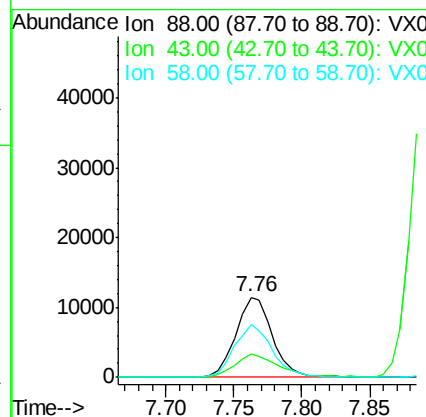
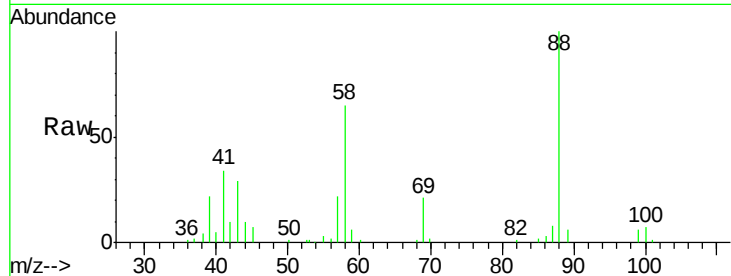
#49
1,4-Dioxane
Concen: 371.92 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	27.3	40.9
58	68.9	54.2	81.4

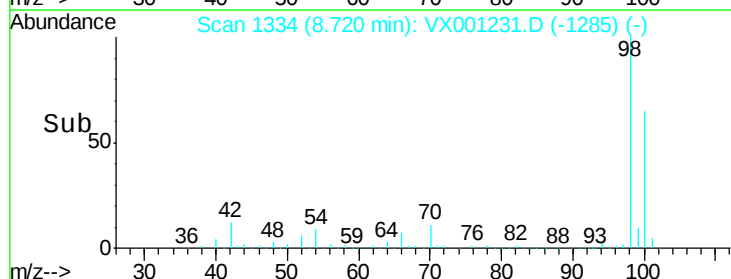
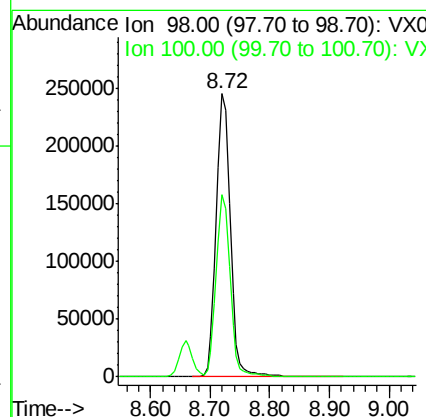
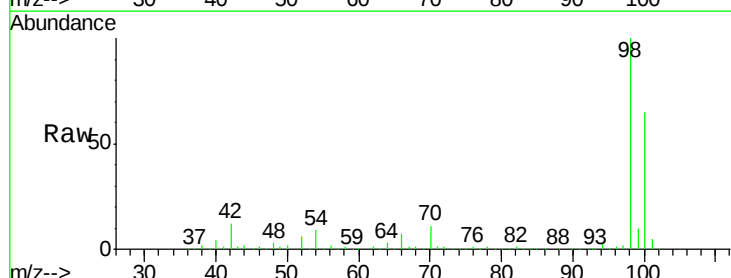
Manual Integrations
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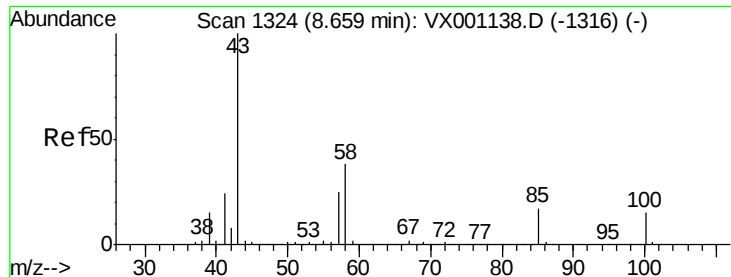
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#50
Toluene-d8
Concen: 49.05 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 93.92 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion: 43 Resp: 334683

Ion Ratio Lower Upper

43 100

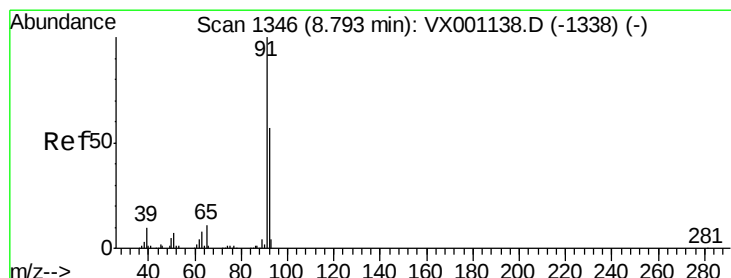
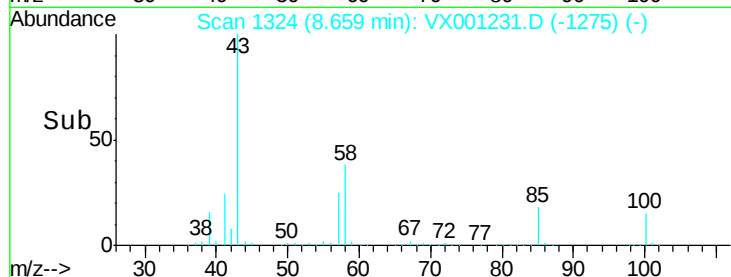
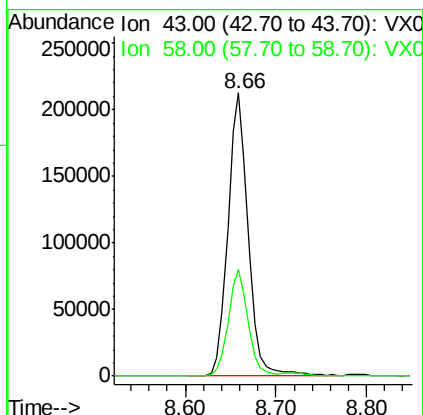
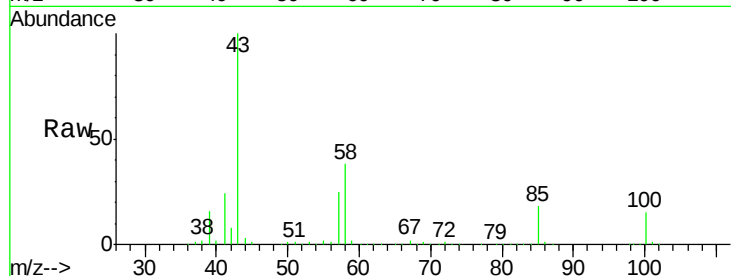
58 36.4 30.2 45.2

Manual Integrations

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#52

Toluene

Concen: 20.03 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001231.D

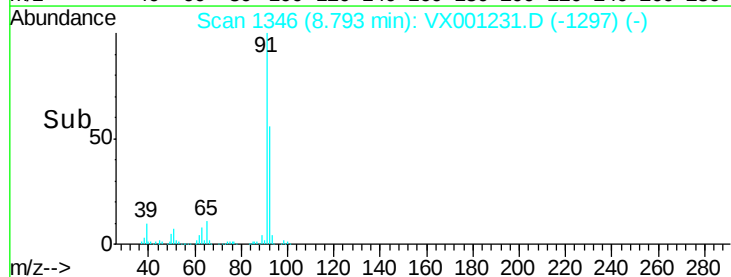
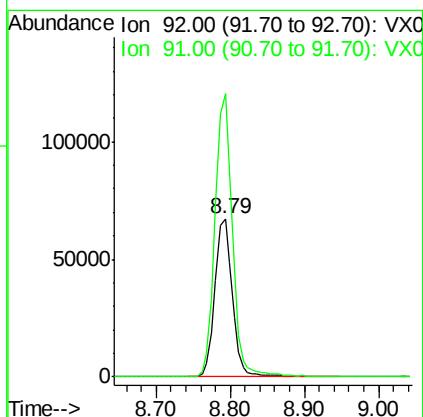
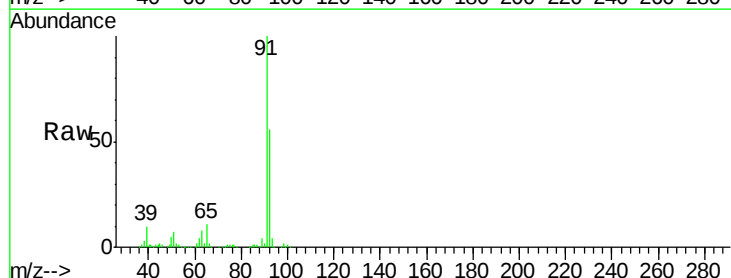
Acq: 28 Apr 2018 23:37

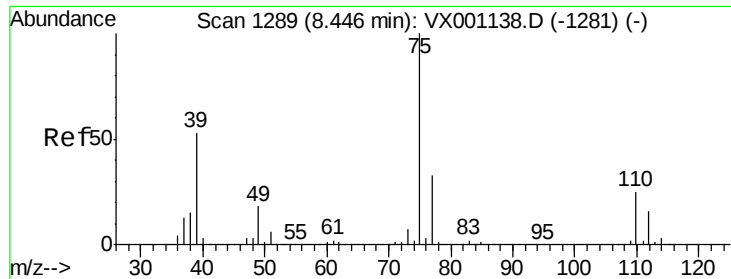
Tgt Ion: 92 Resp: 109281

Ion Ratio Lower Upper

92 100

91 177.8 139.8 209.6





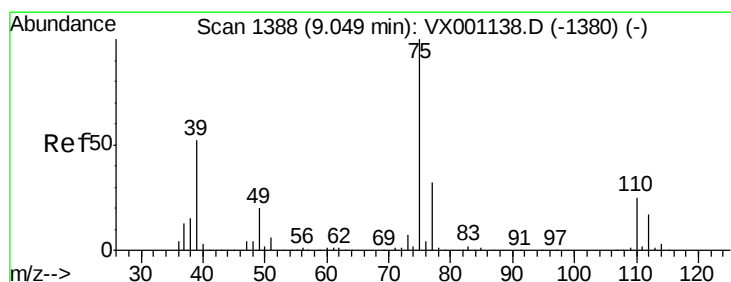
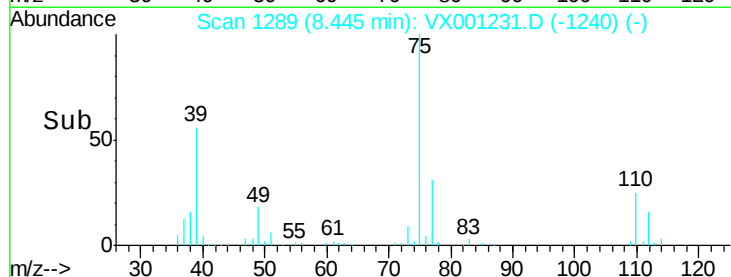
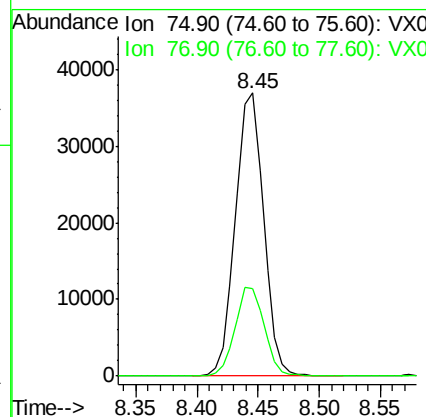
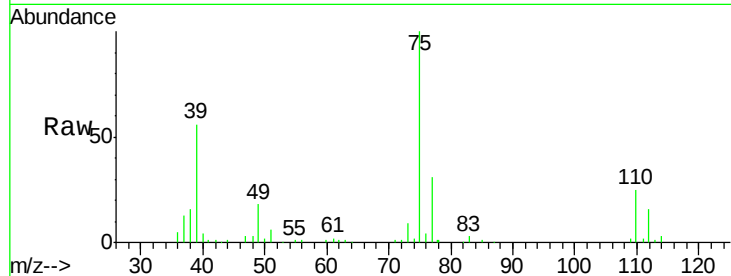
#53
t-1,3-Dichloropropene
Concen: 18.38 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tot Ion: 75 Resp: 59000
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.4

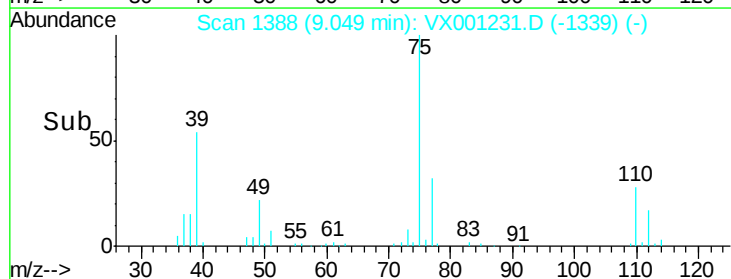
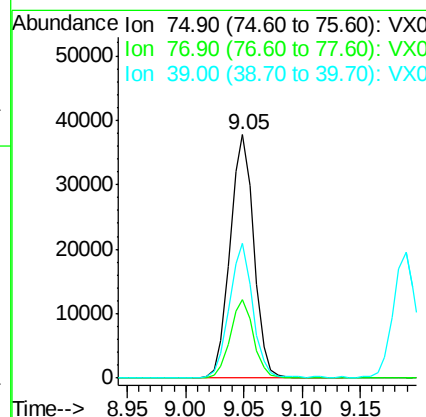
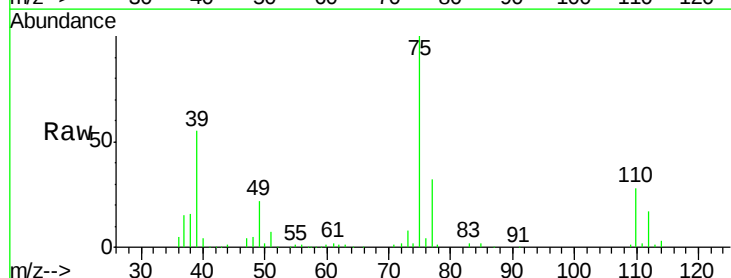
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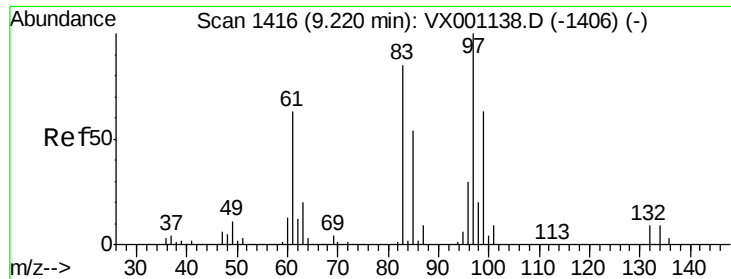
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#54
cis-1,3-Dichloropropene
Concen: 17.54 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 75 Resp: 53422
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2
39 55.1 42.0 63.0





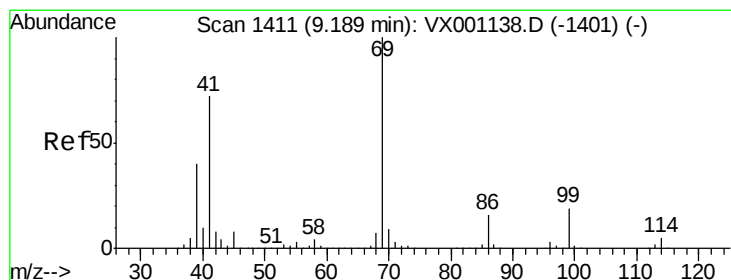
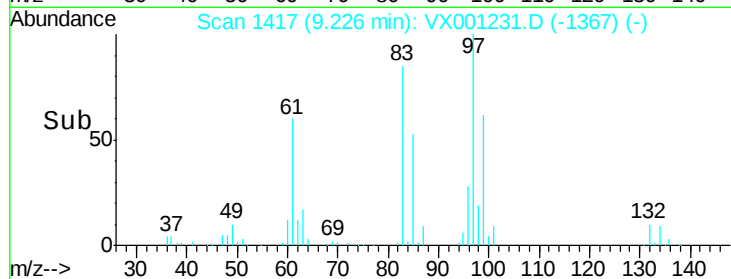
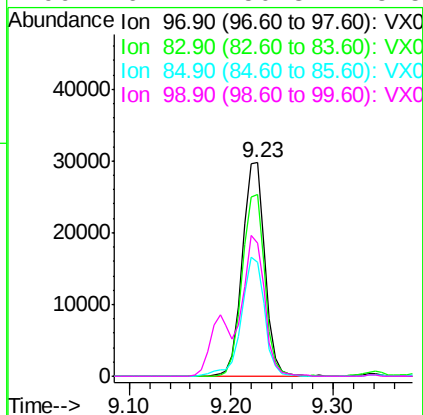
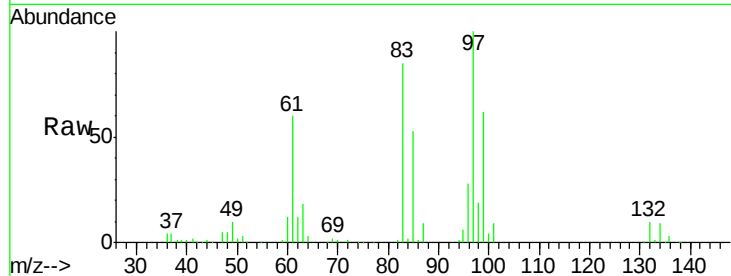
#55
 1,1,2-Trichloroethane
 Concen: 19.78 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Tot Ion:	97	Resp:	45659
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.0	102.0
85	53.3	42.9	64.3
99	62.2	50.3	75.5

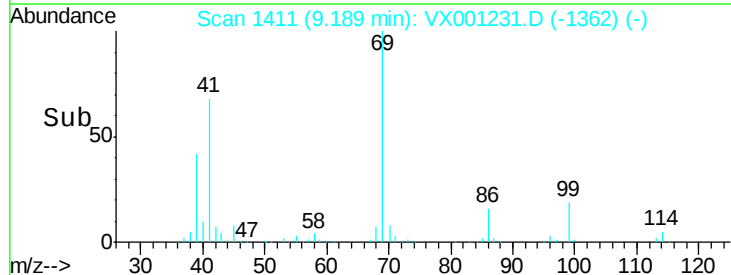
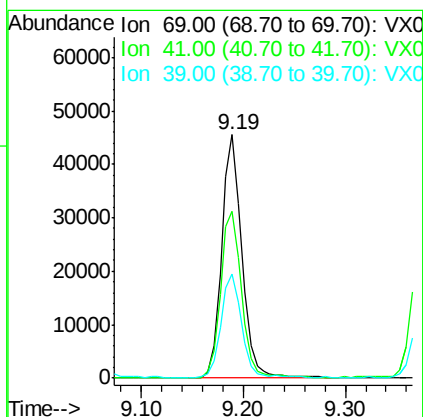
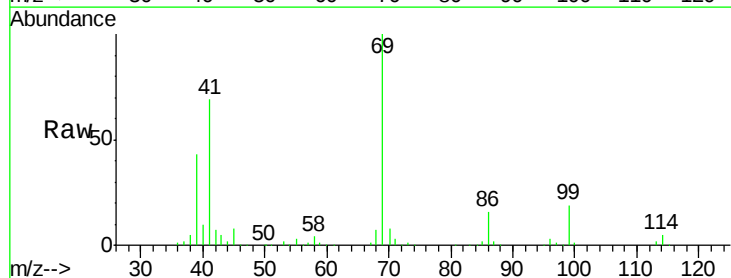
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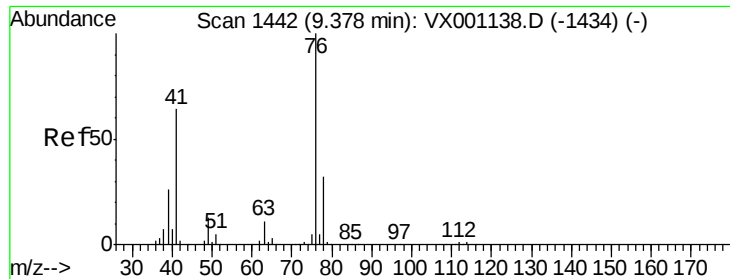
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#56
 Ethyl methacrylate
 Concen: 18.44 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion:	69	Resp:	63087
Ion	Ratio	Lower	Upper
69	100		
41	71.0	57.7	86.5
39	43.8	33.3	49.9





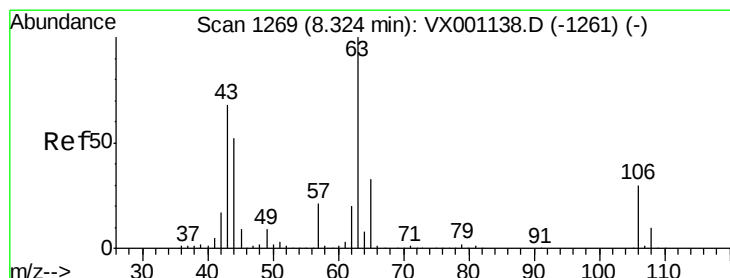
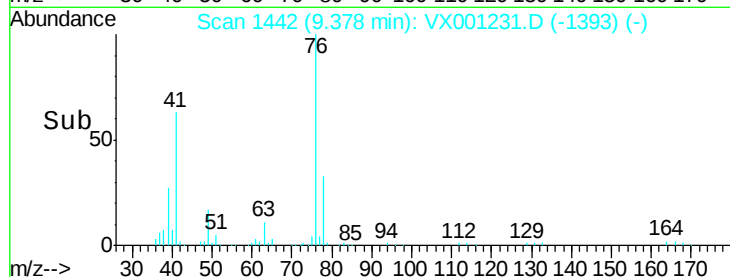
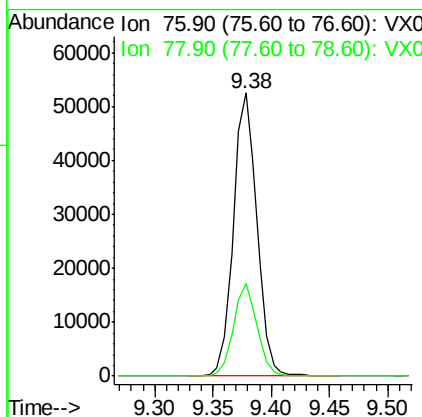
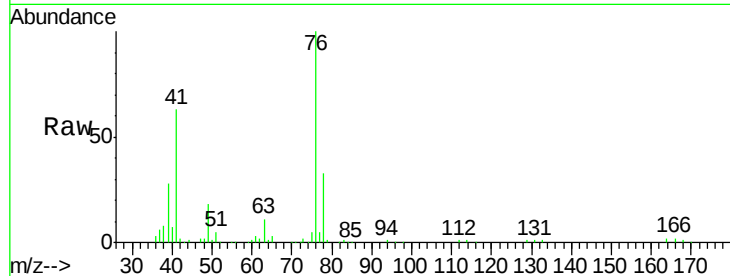
#57
 1,3-Dichloropropane
 Concen: 19.84 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Tot Ion: 76 Resp: 74107
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1

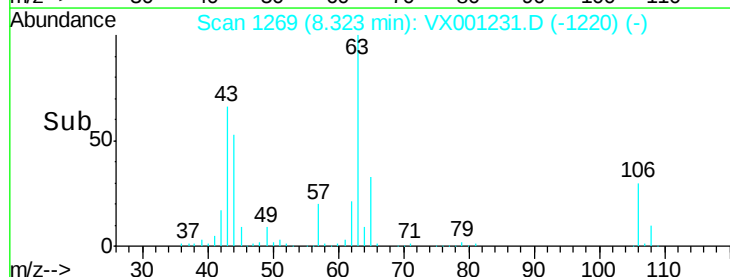
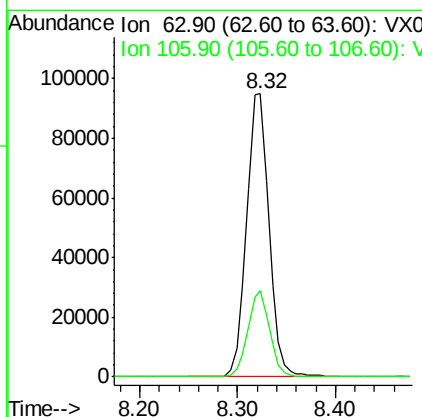
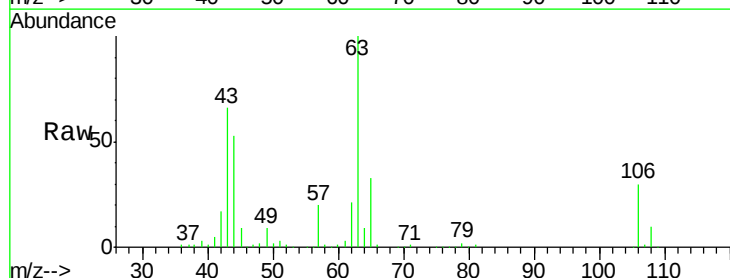
Manual Integrations
 APPROVED

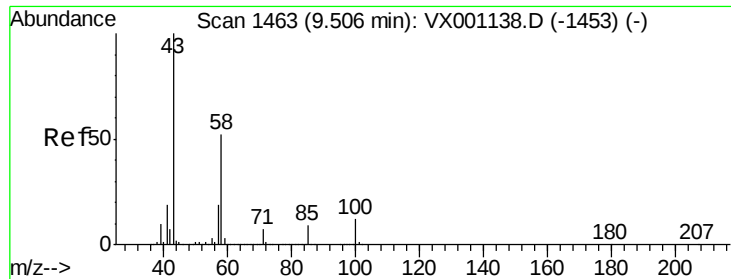
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.62 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion: 63 Resp: 151394
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.7 35.5





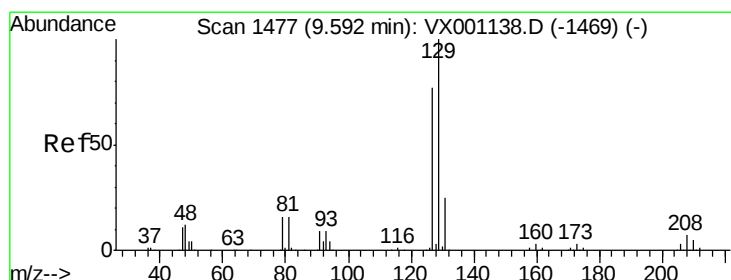
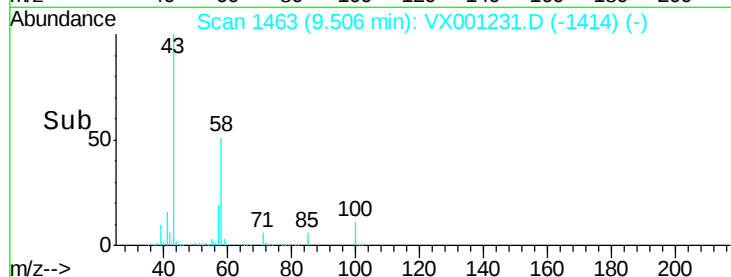
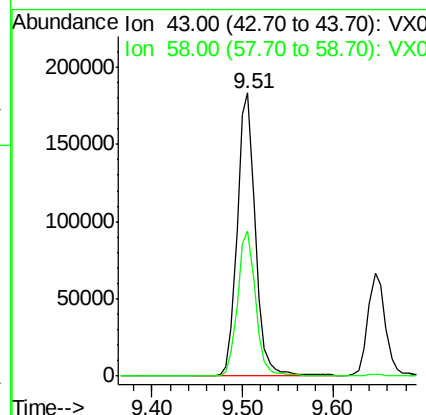
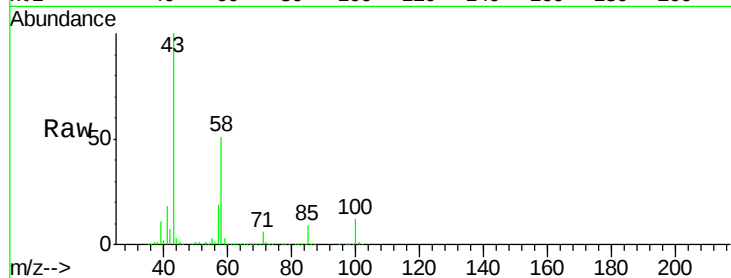
#59
2-Hexanone
Concen: 90.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tot Ion: 43 Resp: 253841
Ion Ratio Lower Upper
43 100
58 51.0 25.8 77.4

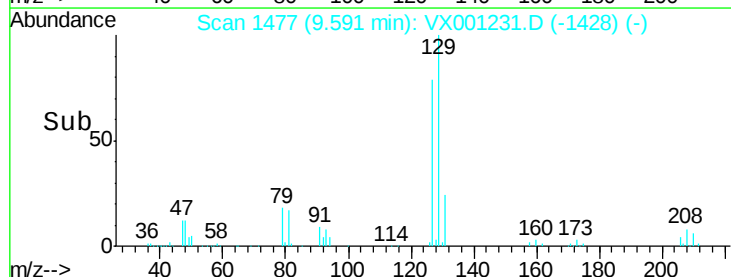
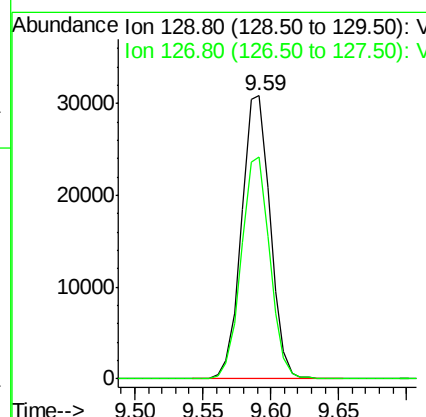
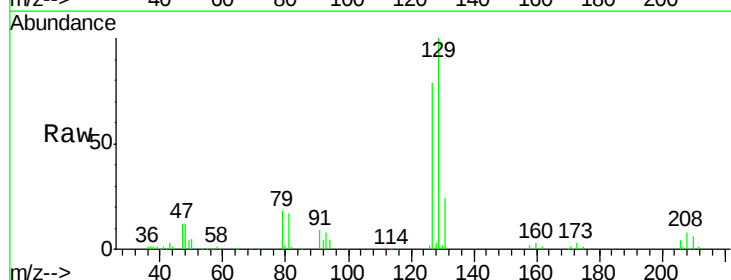
Manual Integrations
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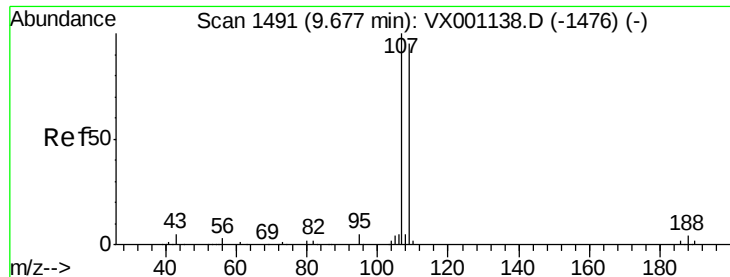
apatel
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#60
Dibromochloromethane
Concen: 19.04 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 129 Resp: 45357
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.11 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion:107 Resp: 48636

Ion Ratio Lower Upper

107 100

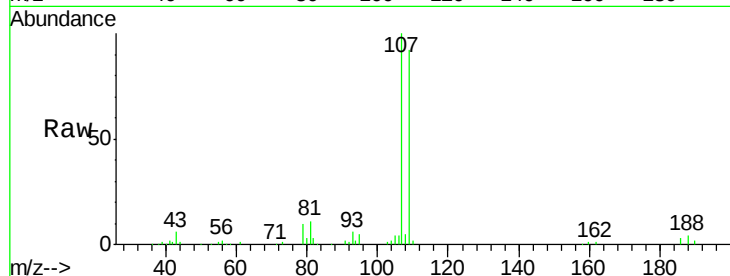
109 93.6 75.2 112.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

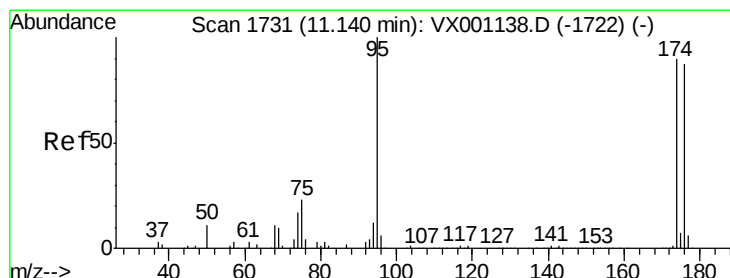
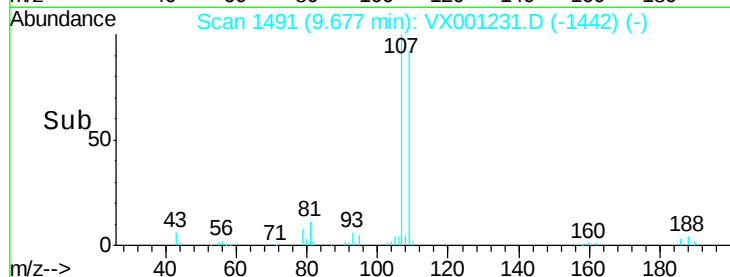
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.18 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

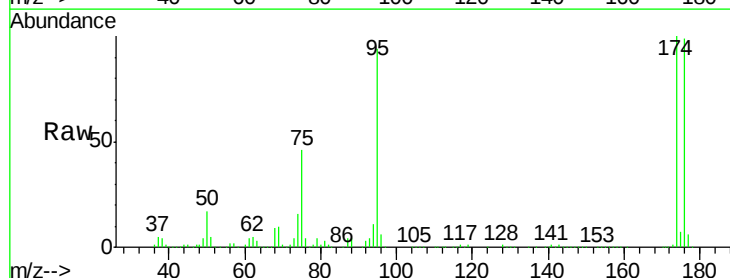
Tgt Ion: 95 Resp: 150696

Ion Ratio Lower Upper

95 100

174 101.1 0.0 194.4

176 99.1 0.0 190.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

150000

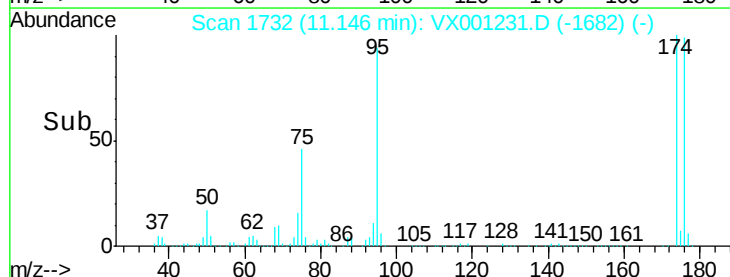
100000

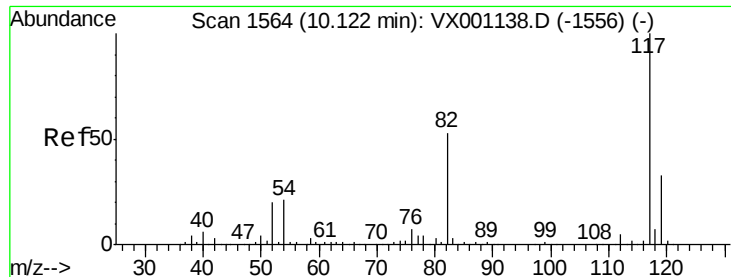
50000

0

11.10 11.20

Time-->





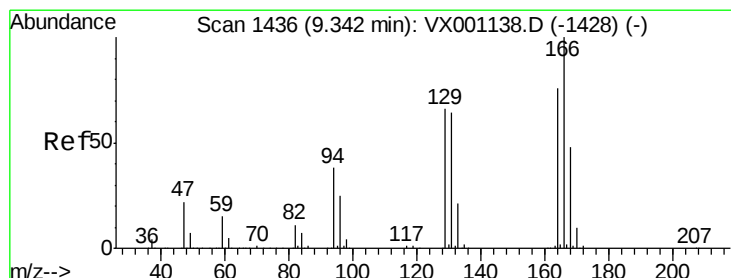
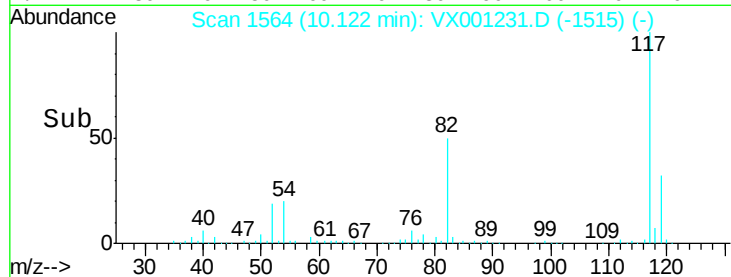
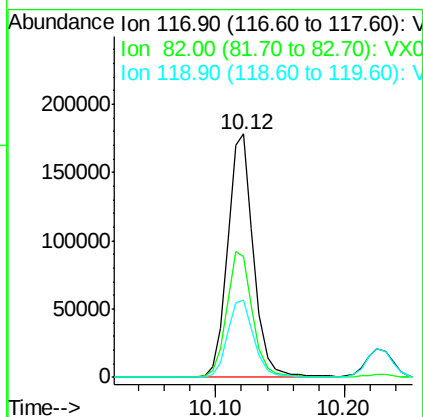
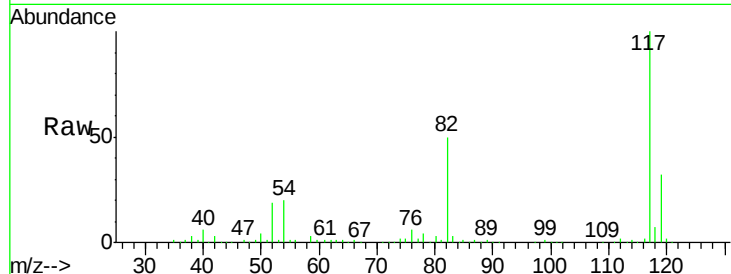
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0428WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	248960		
82	49.8		42.1	63.1
119	31.9		26.1	39.1

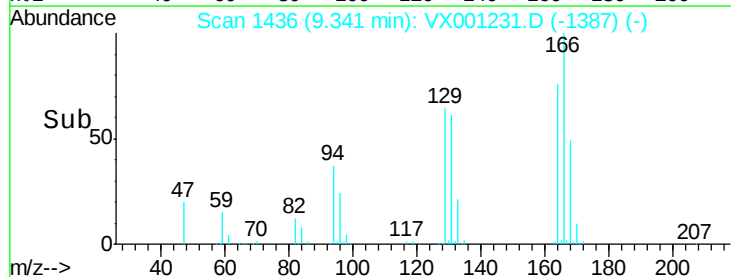
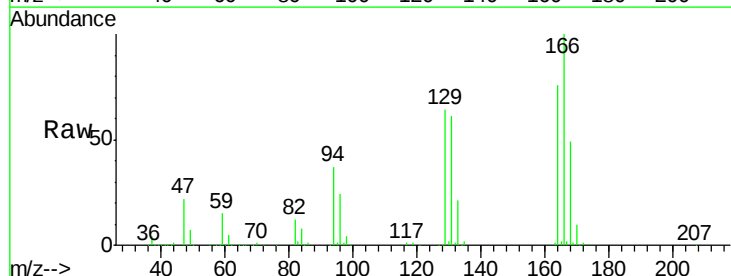
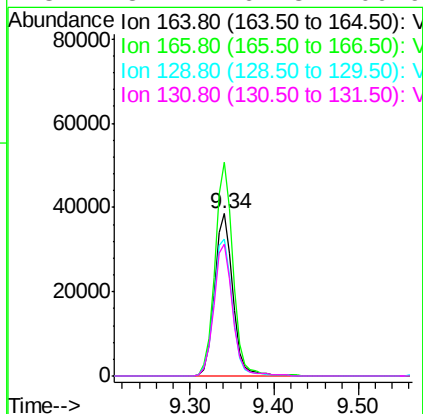
Manual Integrations
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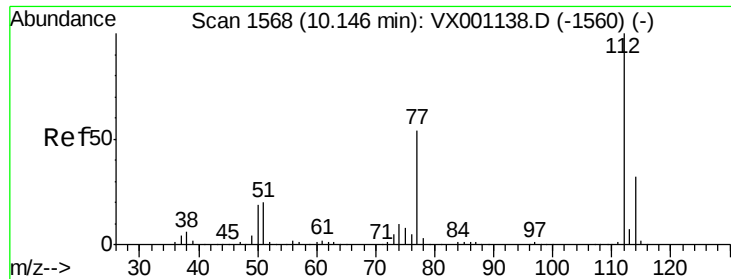
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#64
Tetrachloroethene
Concen: 21.79 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	57909		
166	131.8		105.0	157.6
129	84.3		69.4	104.2
131	81.1		67.3	100.9





#65

Chlorobenzene

Concen: 19.88 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS02

Tot Ion:112 Resp: 129676

Ion Ratio Lower Upper

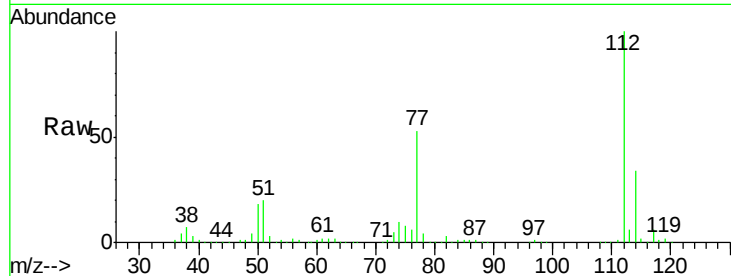
112 100

114 33.7 25.7 38.5

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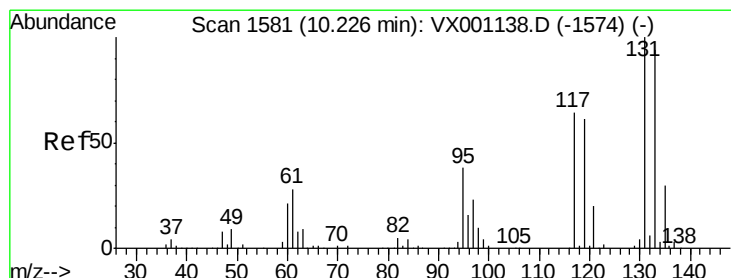
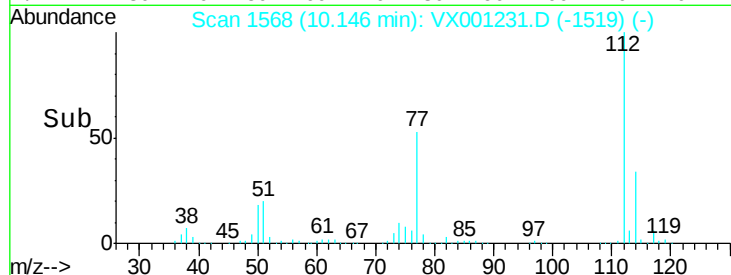
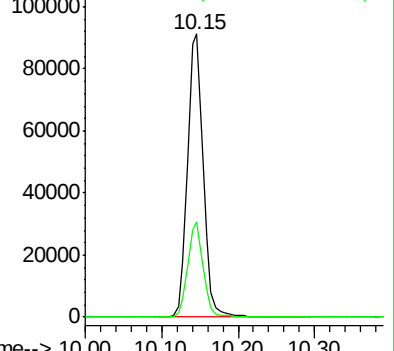
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.27 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

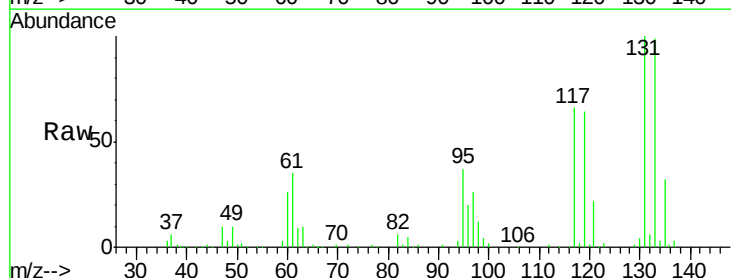
Tgt Ion:131 Resp: 45755

Ion Ratio Lower Upper

131 100

133 95.4 47.8 143.4

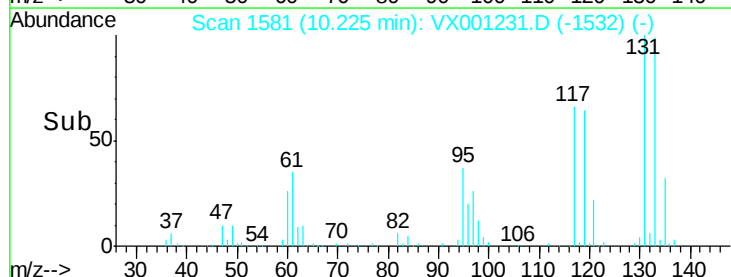
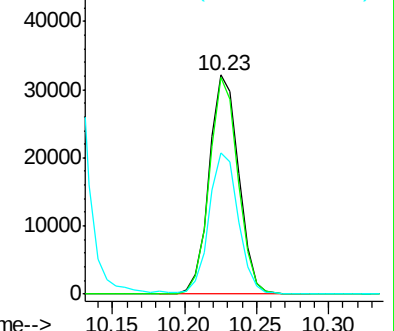
119 64.3 31.3 93.8

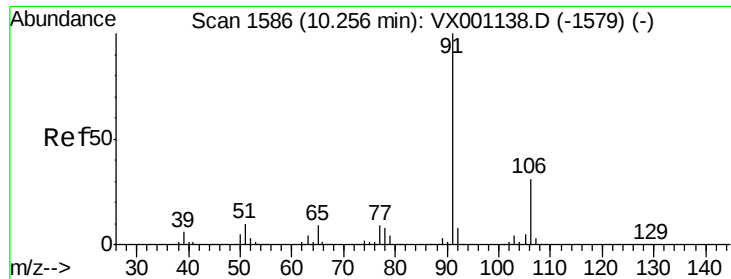


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





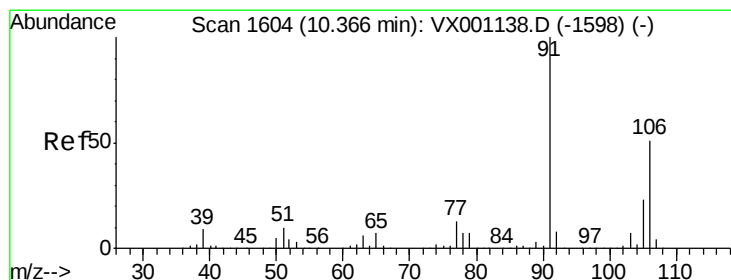
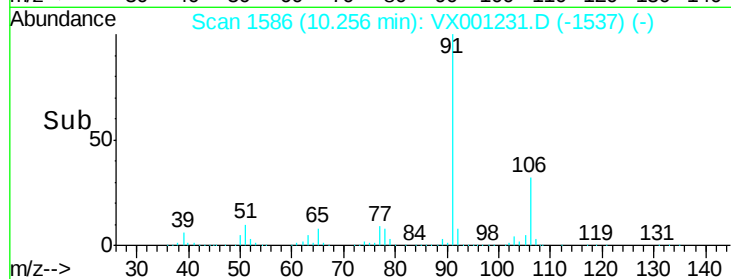
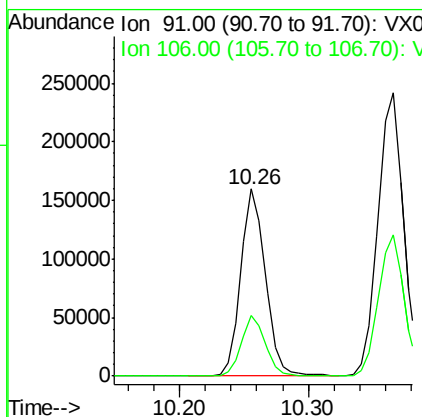
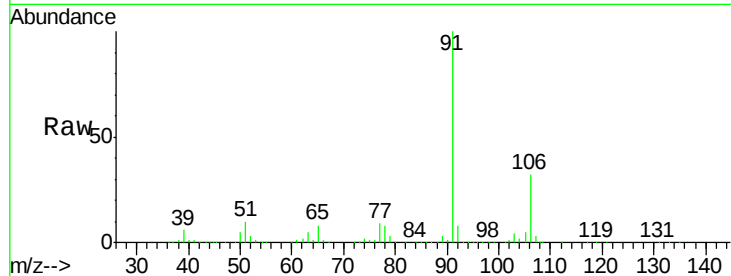
#67
Ethyl Benzene
Concen: 20.07 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampled :
VX0428WBS02

Tot Ion: 91 Resp: 212740
Ion Ratio Lower Upper
91 100
106 32.3 24.8 37.2

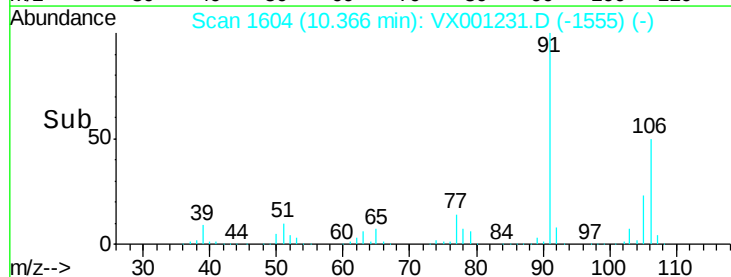
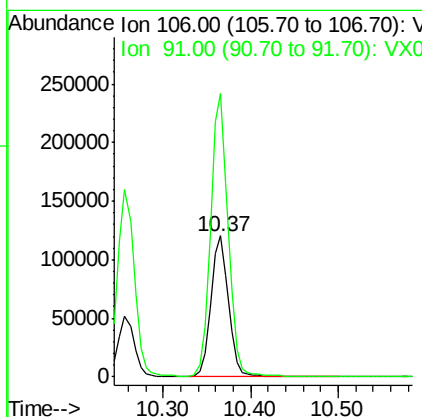
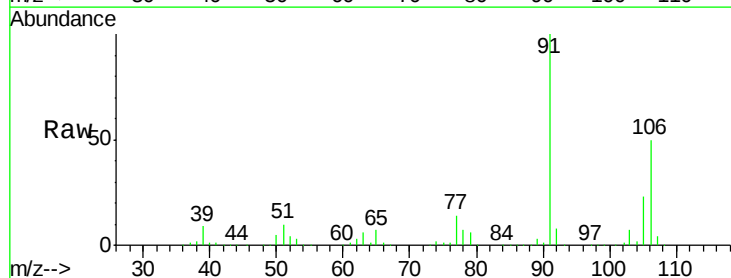
Manual Integrations
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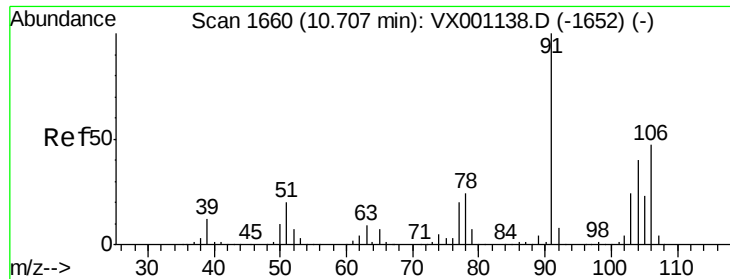
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#68
m/p-Xylenes
Concen: 40.22 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion: 106 Resp: 168523
Ion Ratio Lower Upper
106 100
91 199.8 160.9 241.3





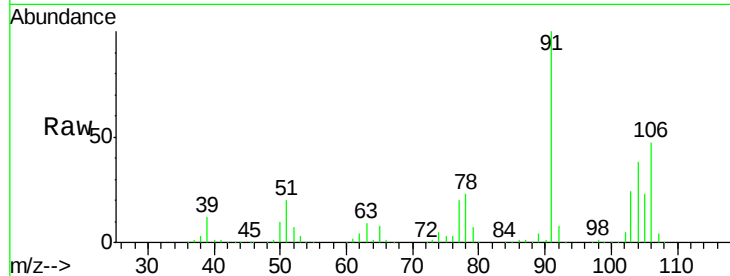
#69
o-Xylene
Concen: 20.16 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Instrument :
MSVOA_X
ClientSampled :
VX0428WBS02

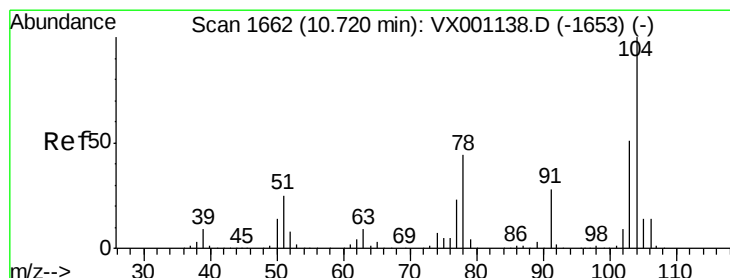
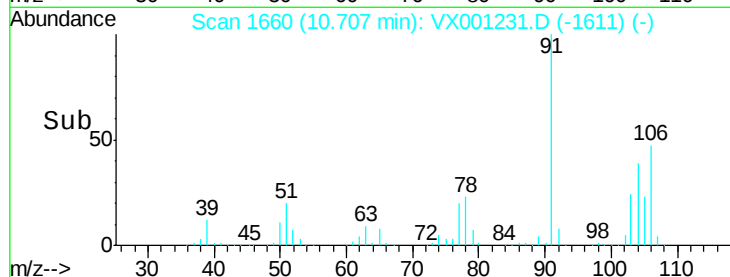
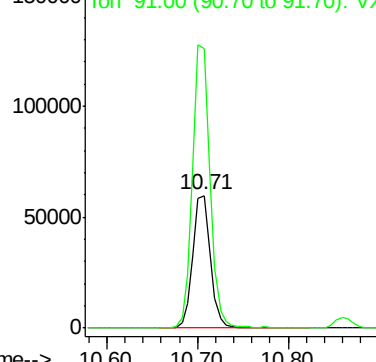
Tot Ion:106 Resp: 81906
Ion Ratio Lower Upper
106 100
91 211.8 106.2 318.5

Manual Integrations
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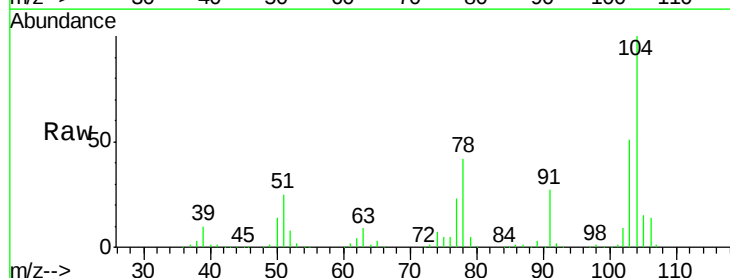


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

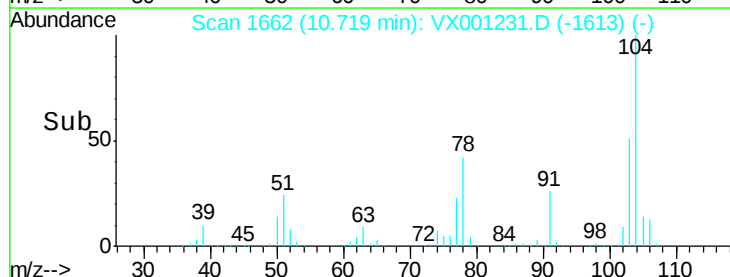
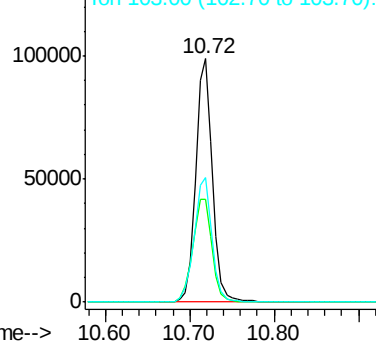


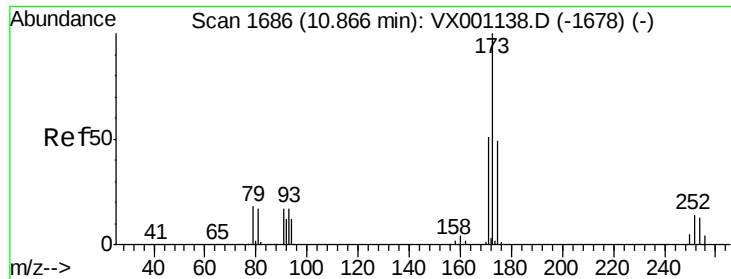
#70
Styrene
Concen: 19.86 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001231.D
Acq: 28 Apr 2018 23:37

Tgt Ion:104 Resp: 134287
Ion Ratio Lower Upper
104 100
78 49.3 40.3 60.5
103 55.5 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.23 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion:173 Resp: 34981

Ion Ratio Lower Upper

173 100

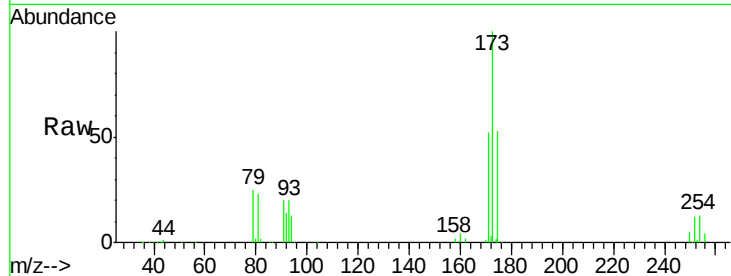
175 51.3 24.6 73.8

254 0.1 0.2 0.2#

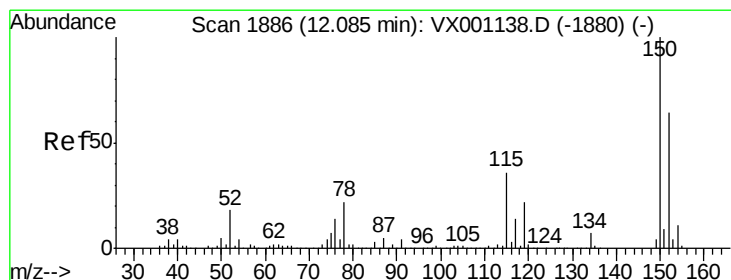
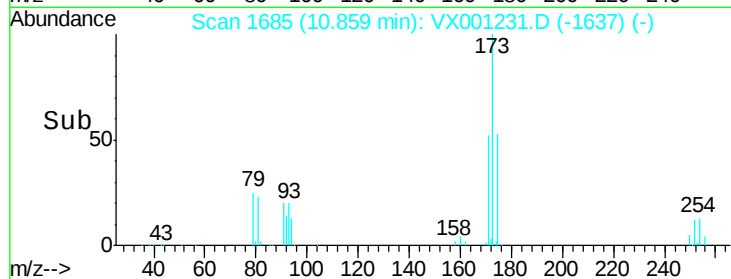
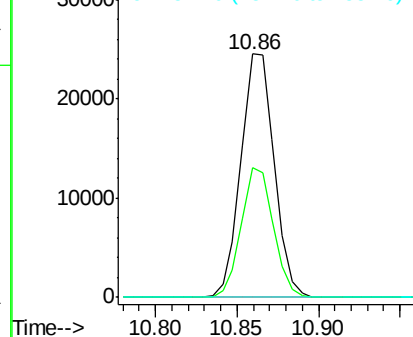
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

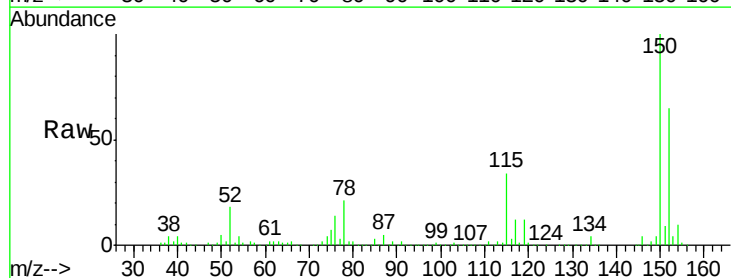
Tgt Ion:152 Resp: 168851

Ion Ratio Lower Upper

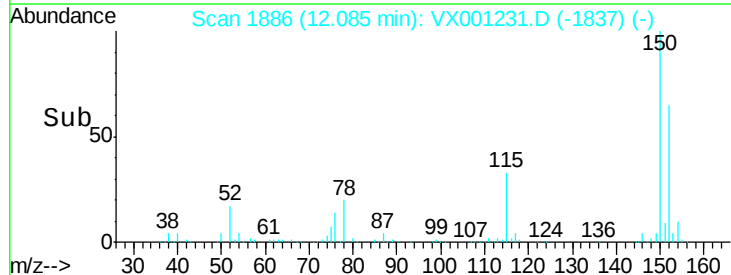
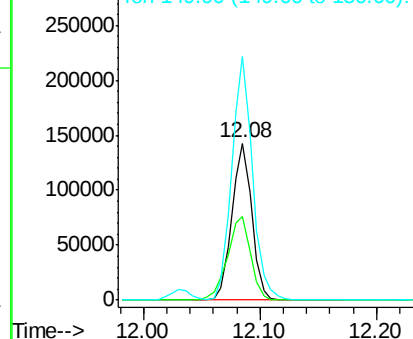
152 100

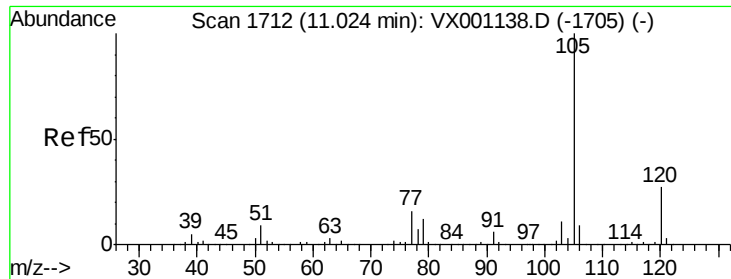
115 61.8 38.0 114.0

150 161.4 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion: 105 Resp: 218288

Ion Ratio Lower Upper

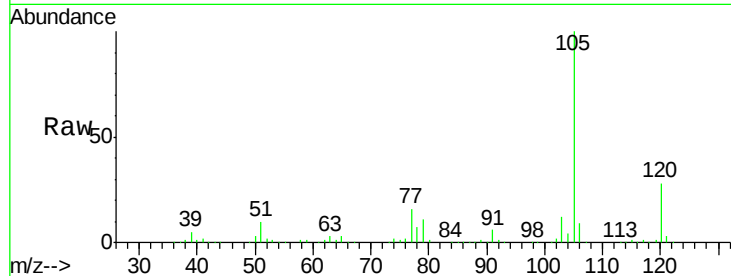
105 100

120 27.7 13.6 40.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

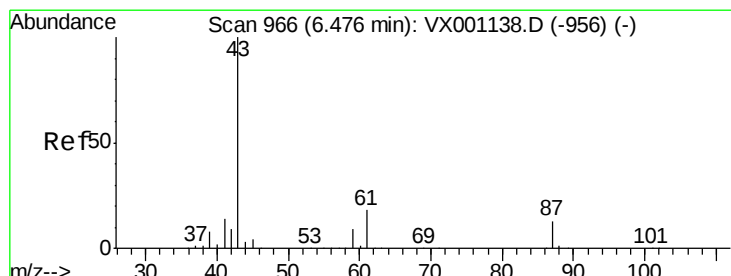
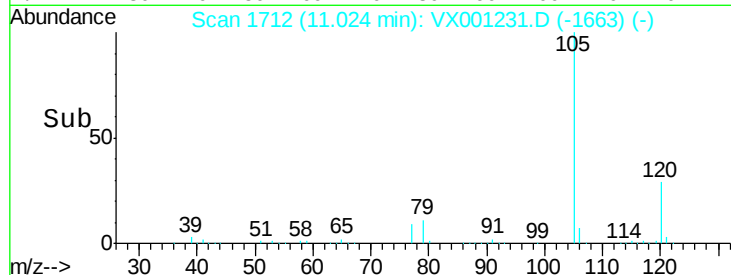
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.73 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion: 43 Resp: 98324

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 15.0 22.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

60000

50000

40000

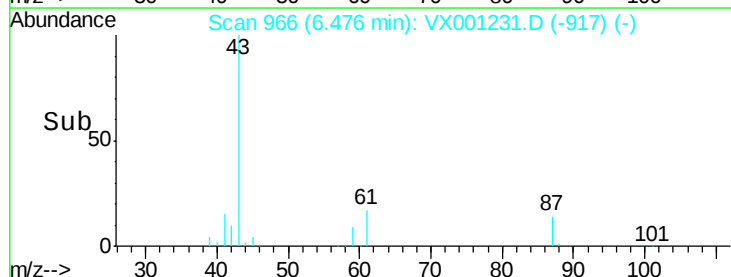
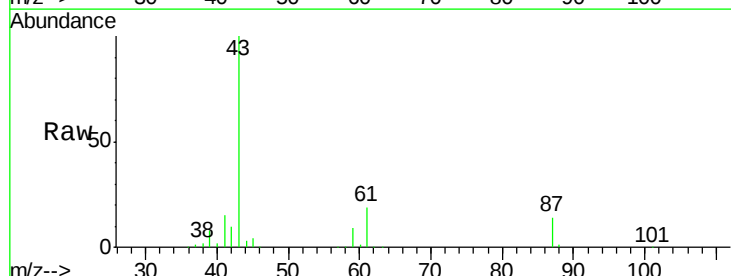
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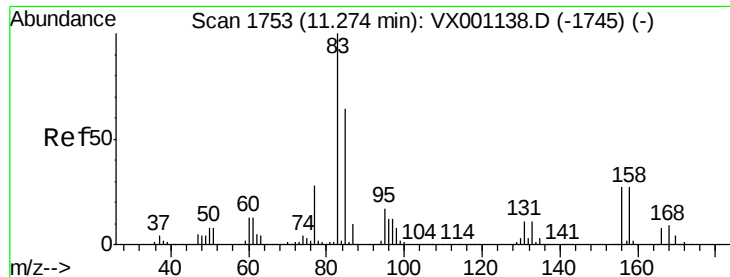
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

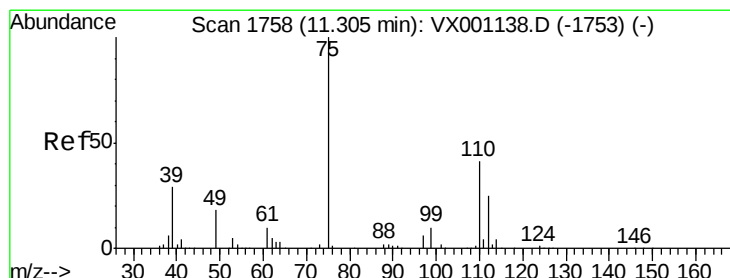
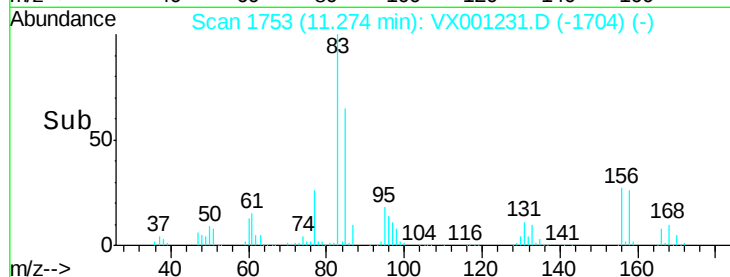
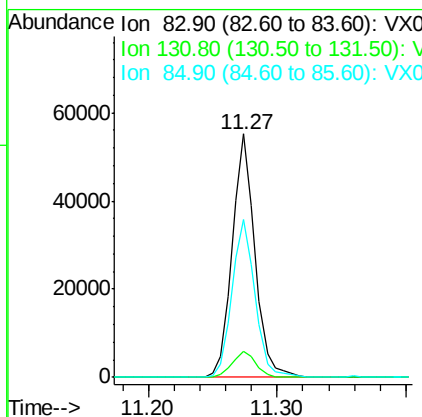
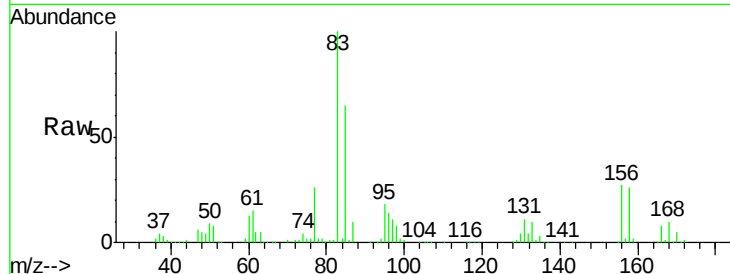
ClientSampled :

VX0428WBS02

Tot Ion:	83	Resp:	68062
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.8	17.4
85	66.3	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.06 ug/l m

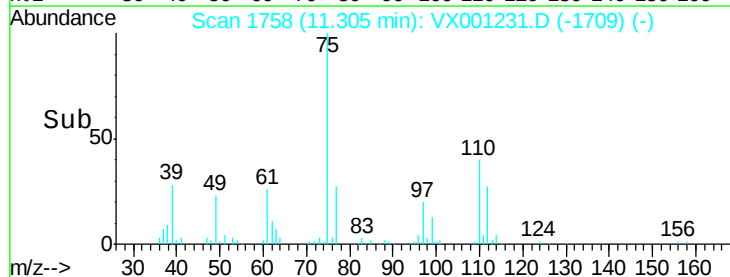
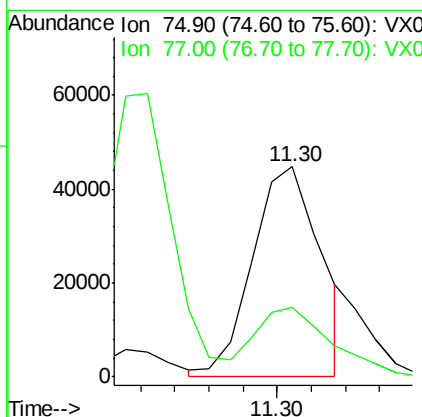
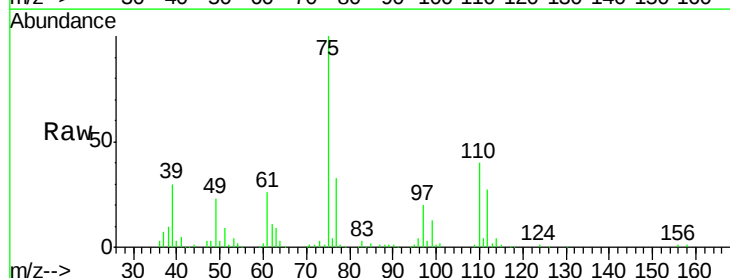
RT: 11.30 min Scan# 1758

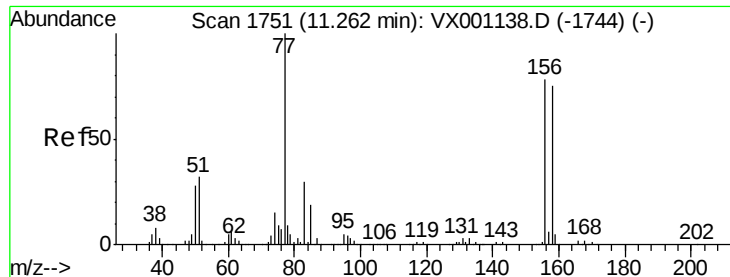
Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	75	Resp:	62095
Ion Ratio	Lower	Upper	
75	100		
77	37.0	18.9	56.9





#77

Bromobenzene

Concen: 19.73 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

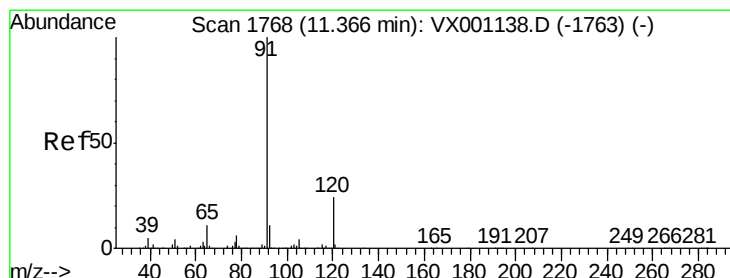
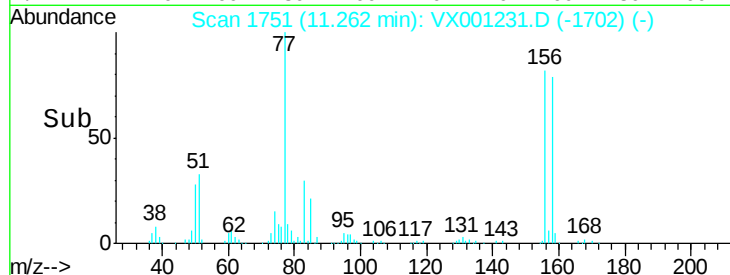
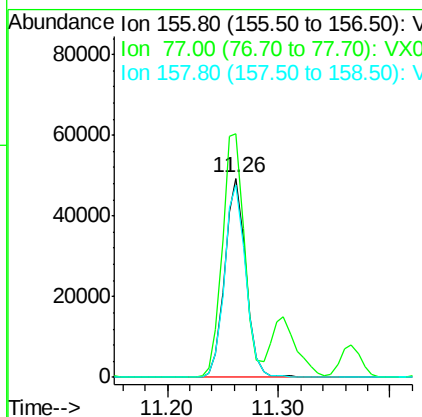
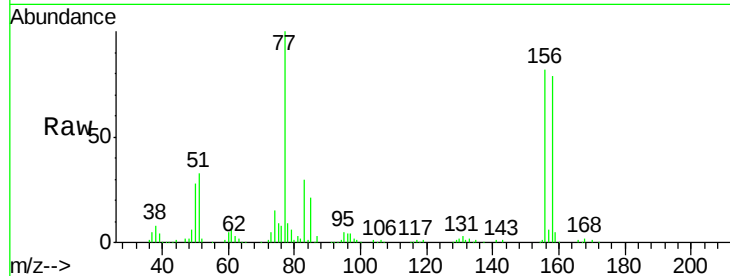
ClientSampleId :

VX0428WBS02

Tot Ion:	156	Resp:	64402
Ion Ratio	Lower	Upper	
156	100		
77	129.6	67.8	203.2
158	97.8	48.9	146.7

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#78

n-propylbenzene

Concen: 20.09 ug/l

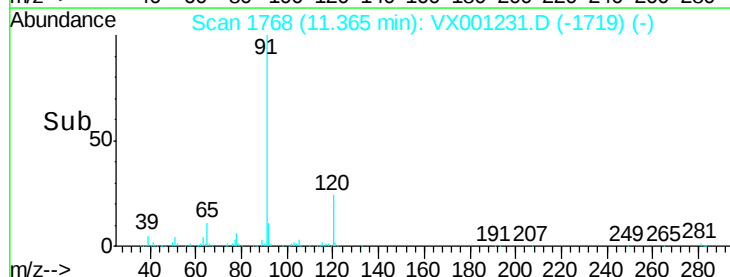
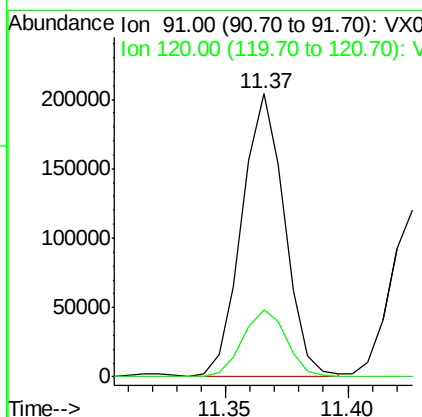
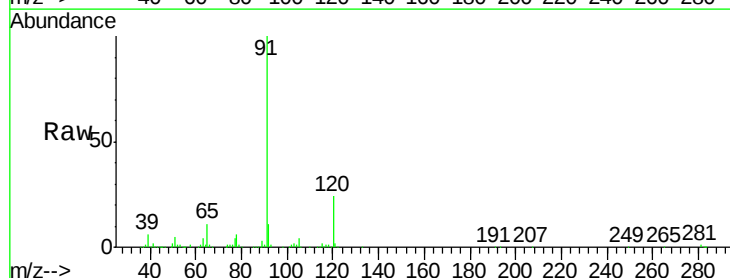
RT: 11.37 min Scan# 1768

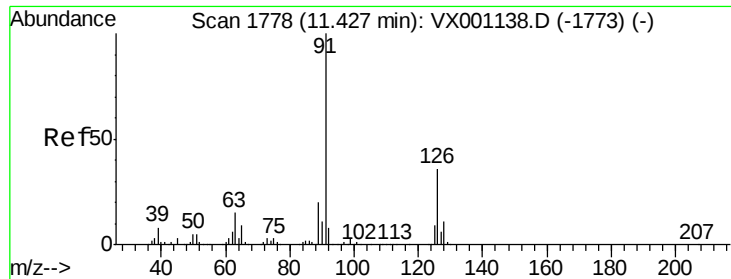
Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	91	Resp:	246552
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.2	36.6





#79

2-Chlorotoluene

Concen: 19.49 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX0428WBS02

Tot Ion: 91 Resp: 148285

Ion Ratio Lower Upper

91 100

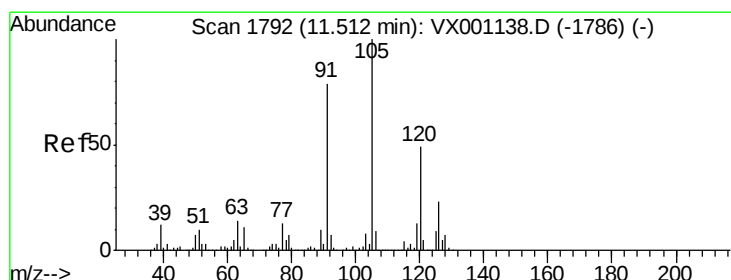
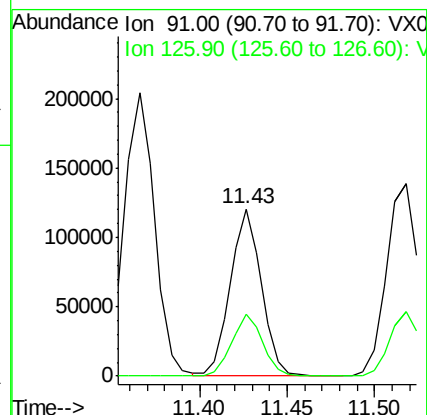
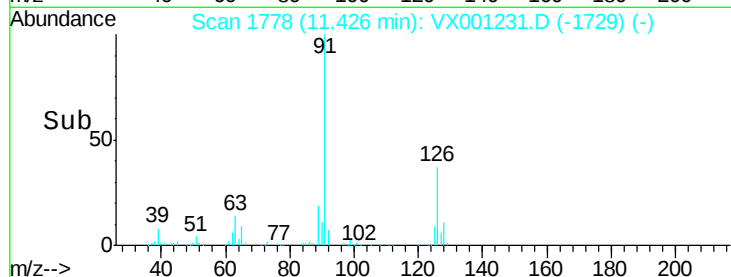
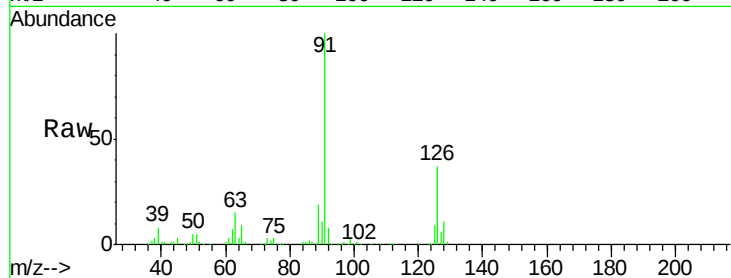
126 37.1 18.2 54.6

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#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001231.D

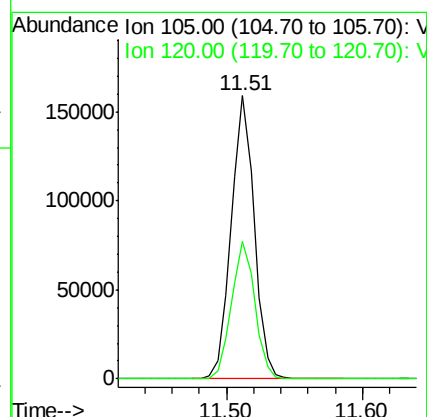
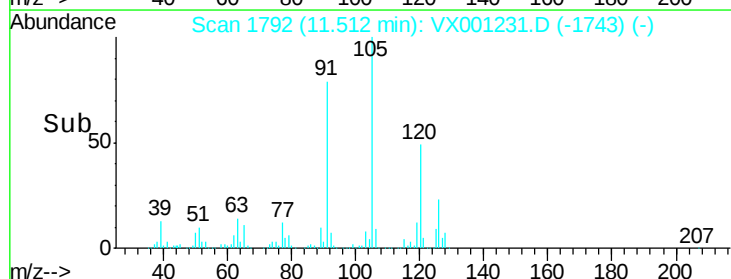
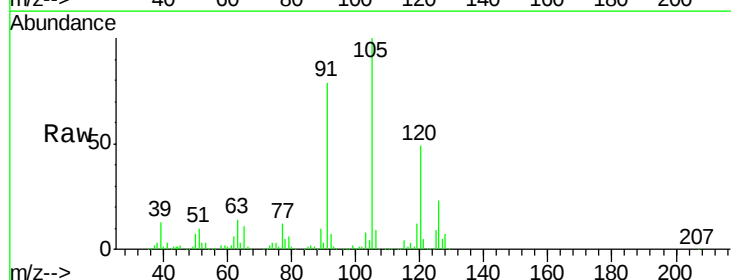
Acq: 28 Apr 2018 23:37

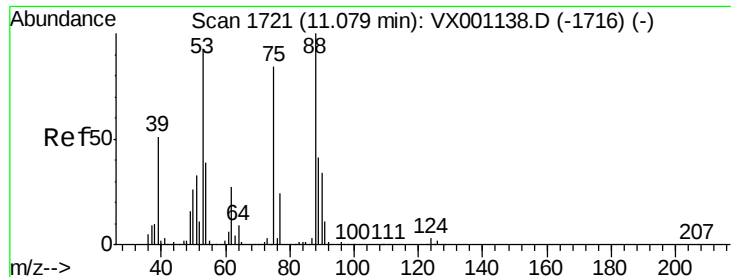
Tgt Ion: 105 Resp: 186798

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 15.56 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

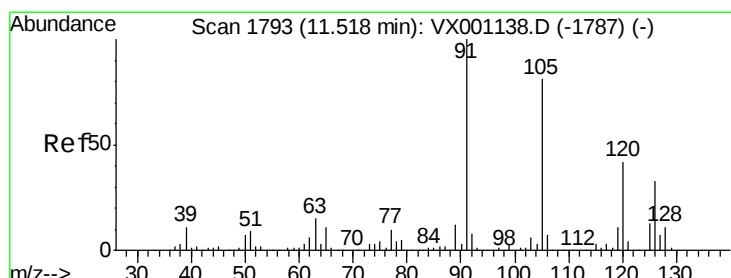
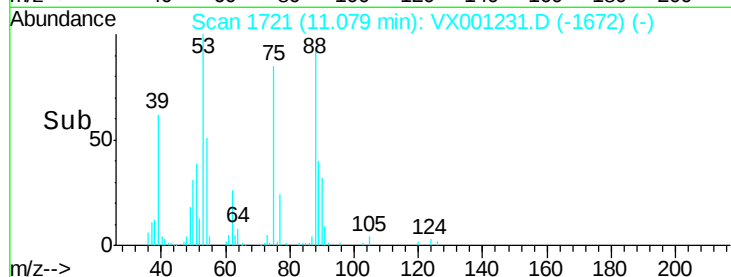
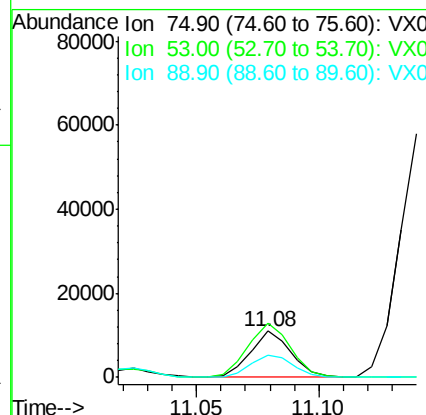
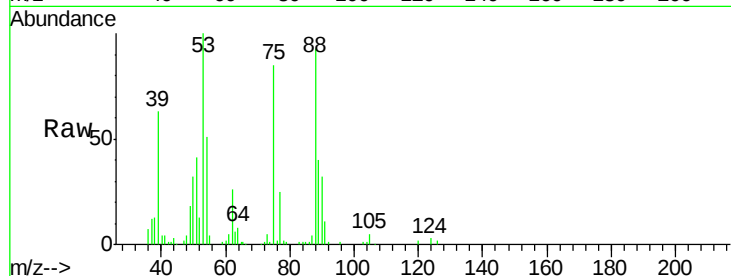
ClientSampleId :

VX0428WBS02

Tot Ion:	75	Resp:	12547
Ion	Ratio	Lower	Upper
75	100		
53	126.6	87.9	131.9
89	50.4	37.7	56.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.65 ug/l

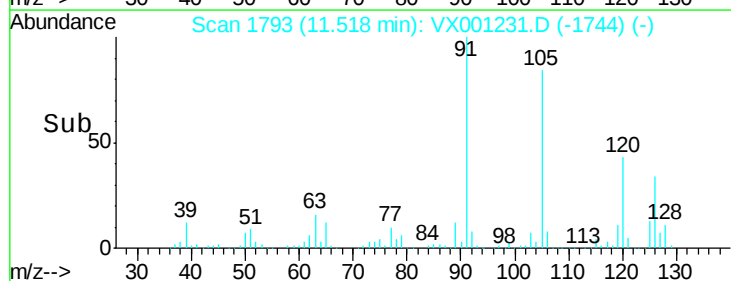
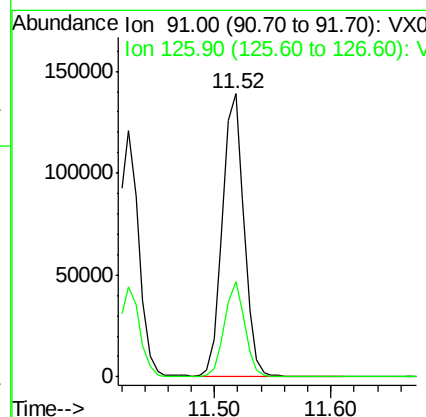
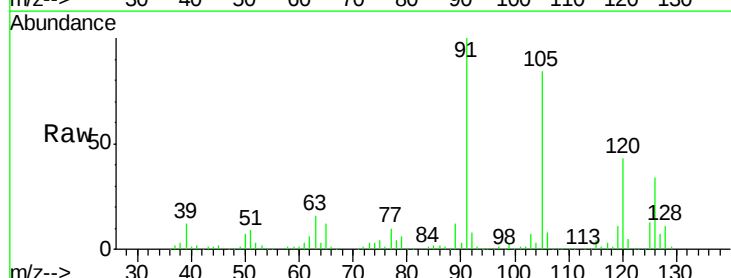
RT: 11.52 min Scan# 1793

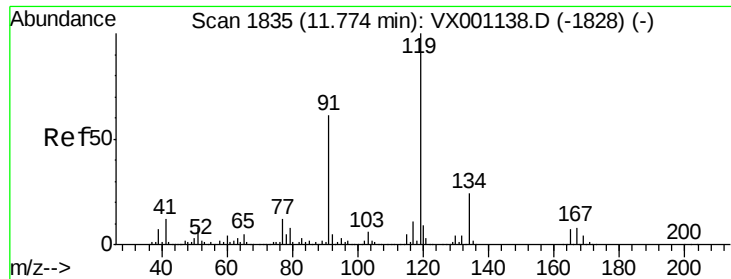
Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	91	Resp:	177652
Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.8	47.4





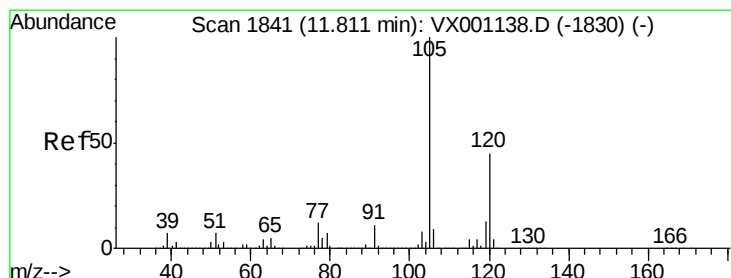
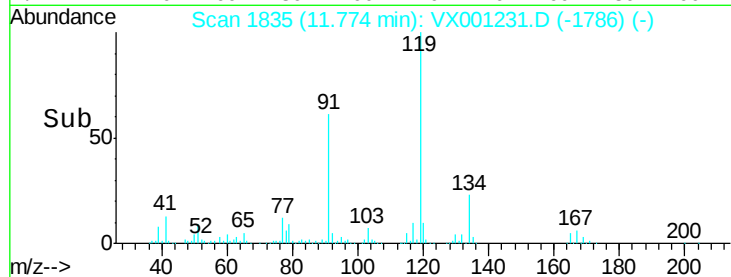
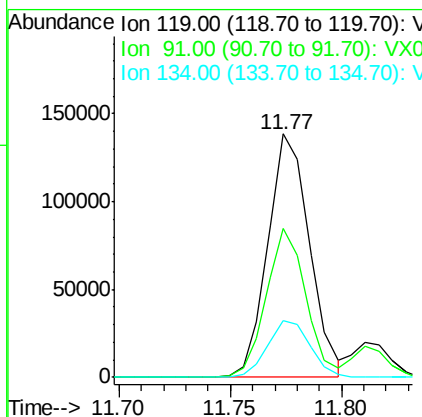
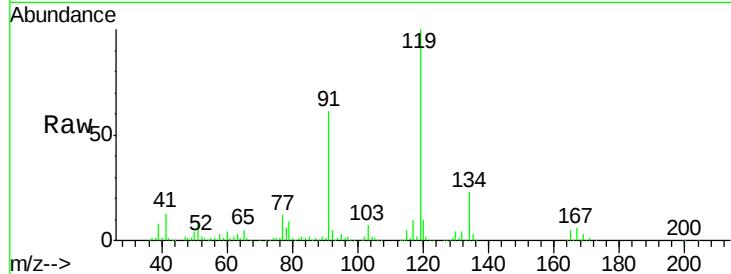
#83
 tert-Butylbenzene
 Concen: 19.38 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180234		
91	58.2	27.6	82.8	
134	24.1	11.5	34.5	

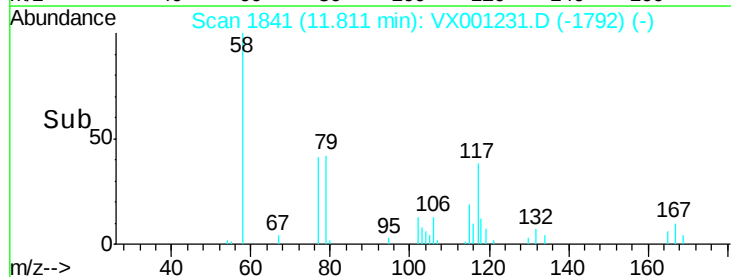
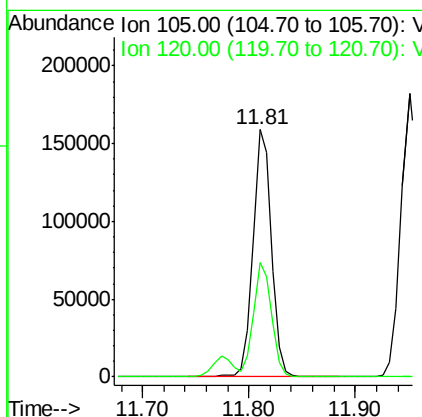
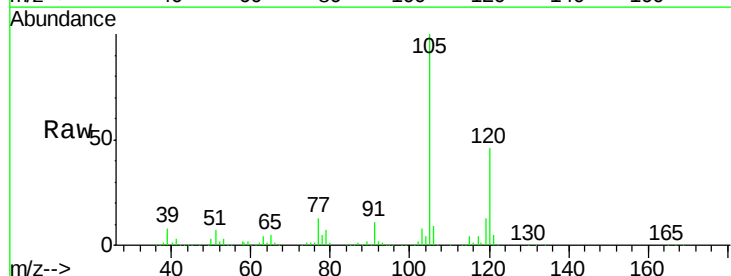
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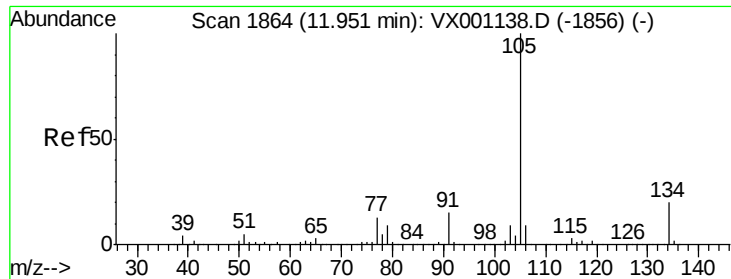
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.19 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193416		
120	45.3	22.4	67.3	





#85

sec-Butylbenzene

Concen: 20.21 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0428WBS02

Tot Ion:105 Resp: 219583

Ion Ratio Lower Upper

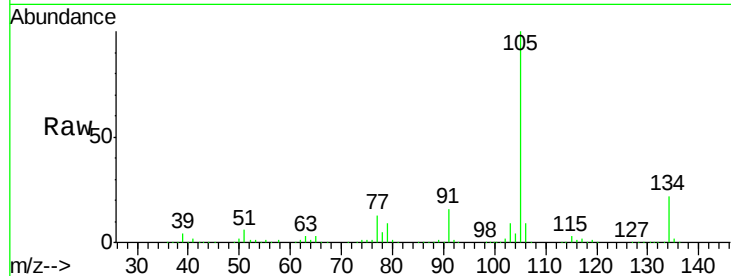
105 100

134 21.5 10.5 31.5

Manual Integrations
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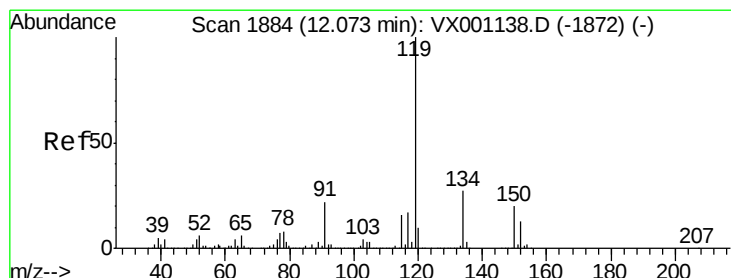
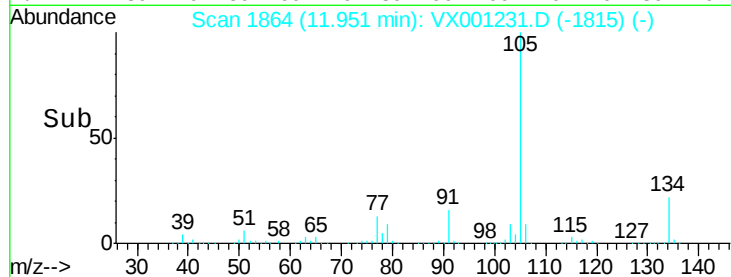
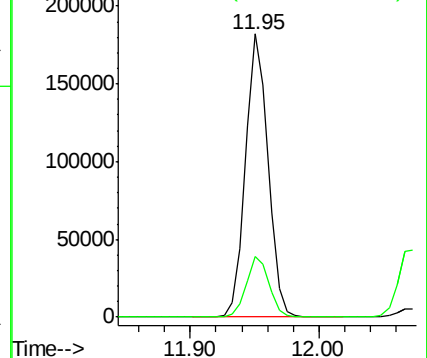
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.89 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

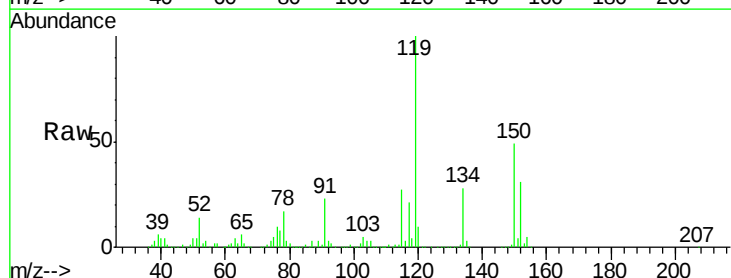
Tgt Ion:119 Resp: 201018

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

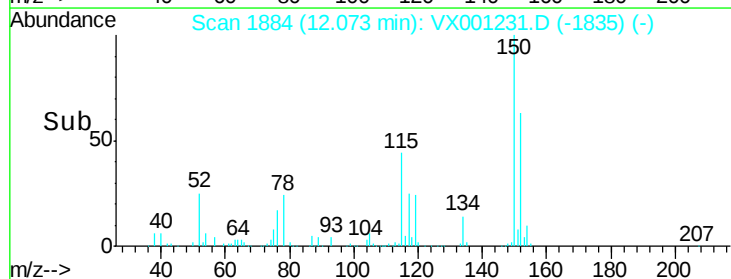
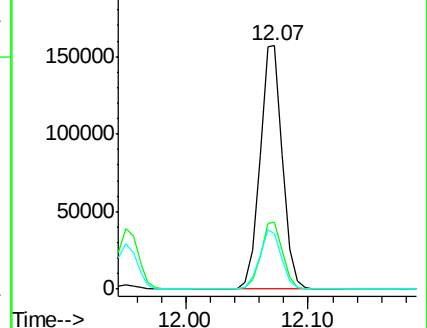
91 23.8 11.6 34.8

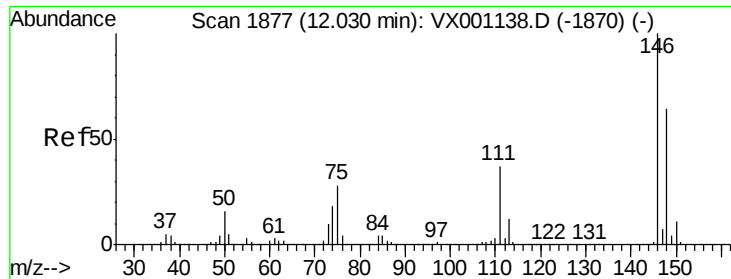


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





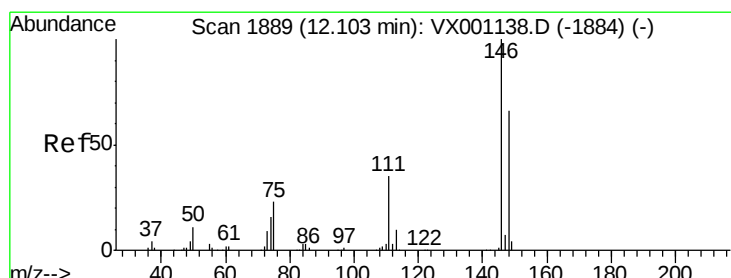
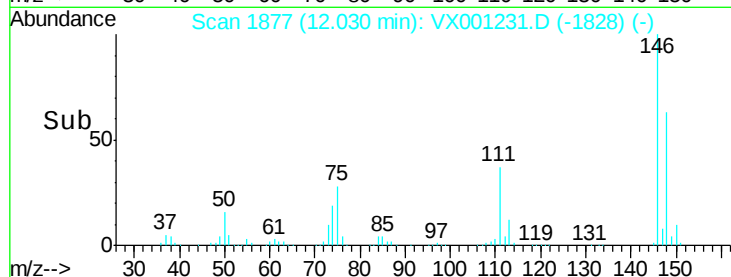
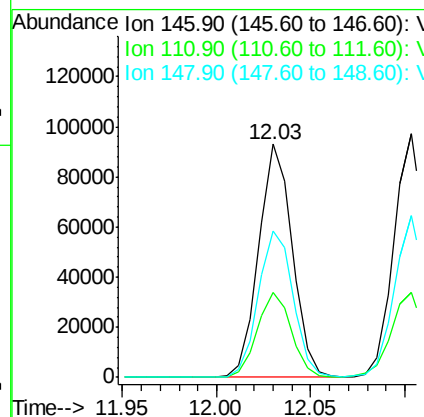
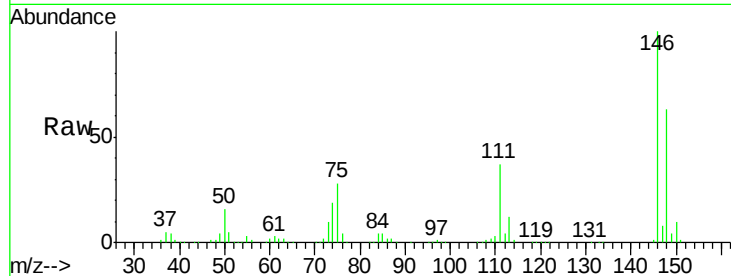
#87
 1,3-Dichlorobenzene
 Concen: 19.69 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	56.0
148	65.0	32.3	96.8

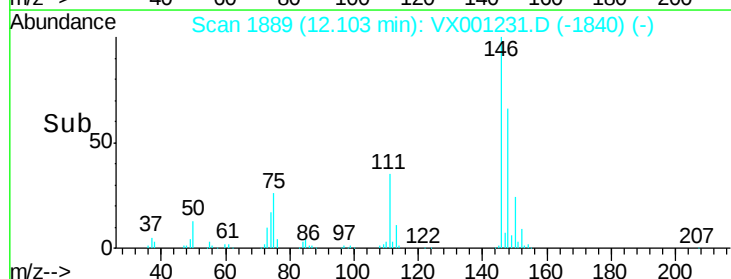
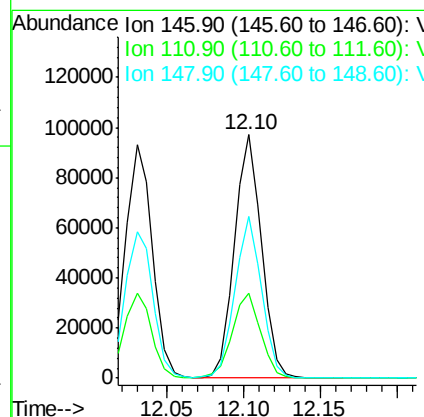
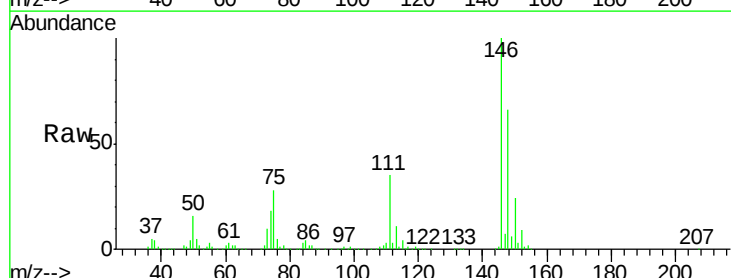
Manual Integrations
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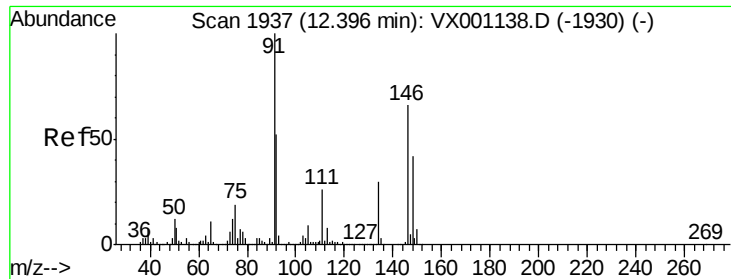
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#88
 1,4-Dichlorobenzene
 Concen: 19.38 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.0	54.0
148	65.5	32.5	97.5





#89

n-Butylbenzene

Concen: 19.50 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

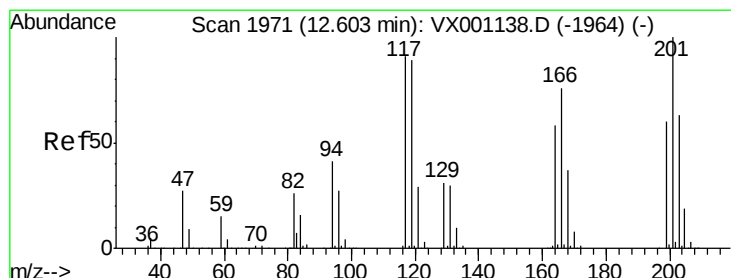
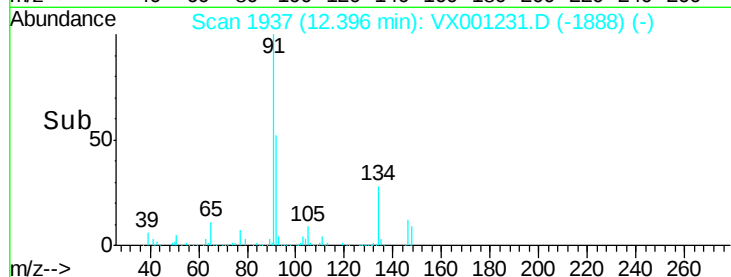
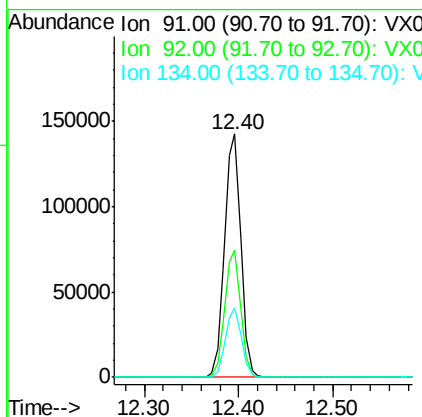
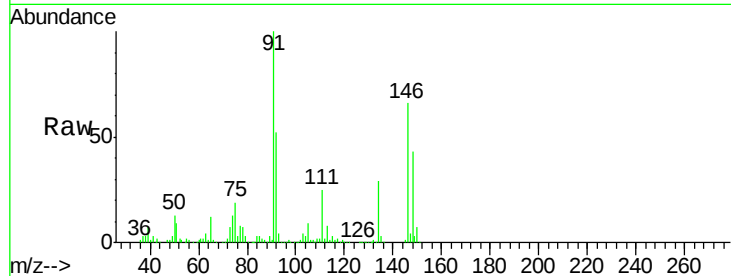
ClientSampleId :

VX0428WBS02

Tot Ion:	91	Resp:	170556
Ion Ratio	Lower	Upper	
91	100		
92	51.3	26.2	78.6
134	27.8	14.1	42.3

Manual Integrations
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#90

Hexachloroethane

Concen: 19.23 ug/l

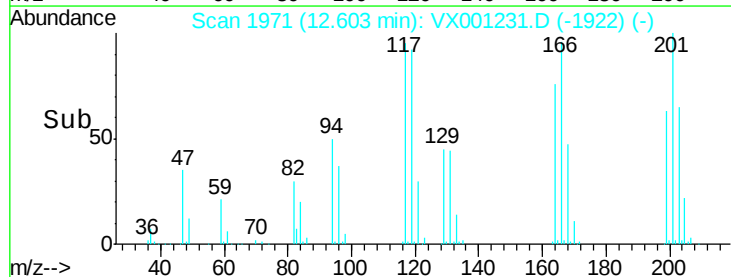
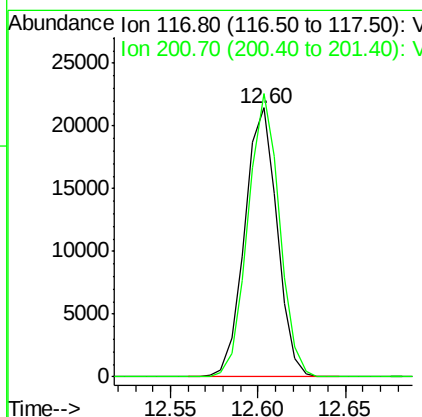
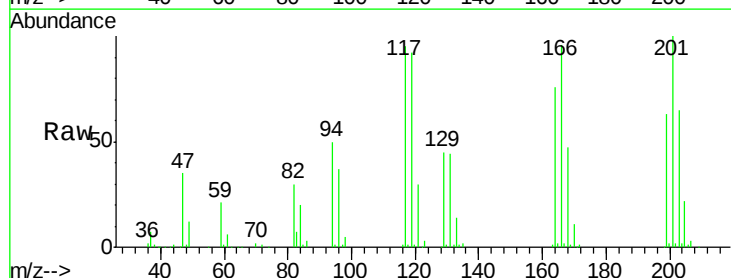
RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	117	Resp:	27717
Ion Ratio	Lower	Upper	
117	100		
201	102.2	51.8	155.4





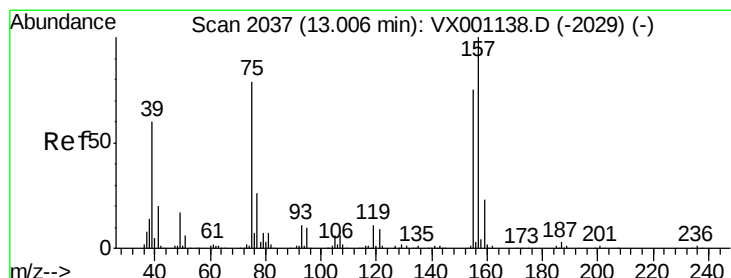
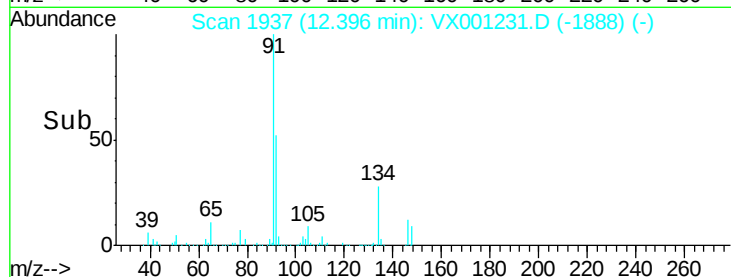
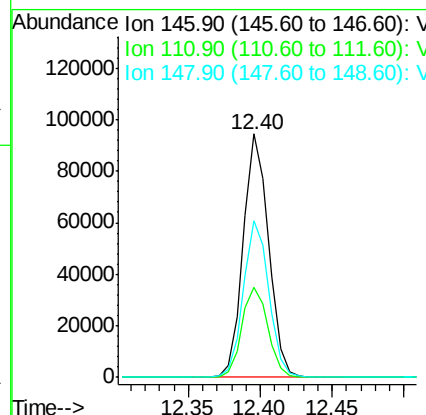
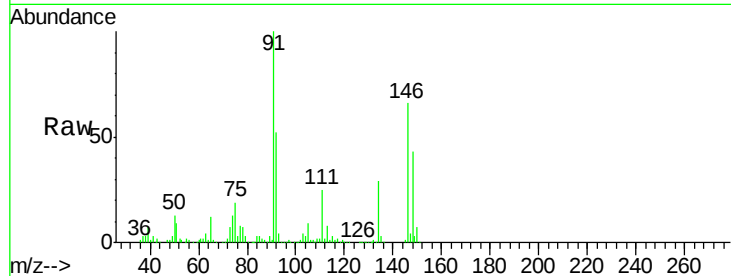
#91
 1,2-Dichlorobenzene
 Concen: 19.57 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.3
148	64.4	32.2	96.6

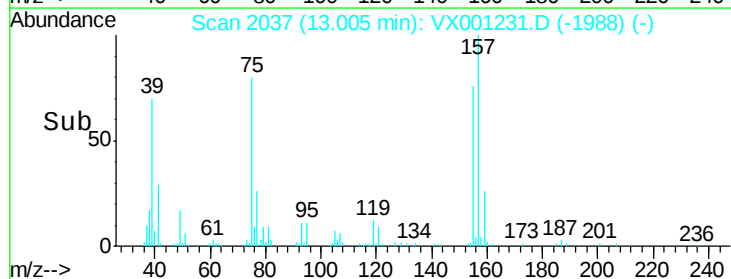
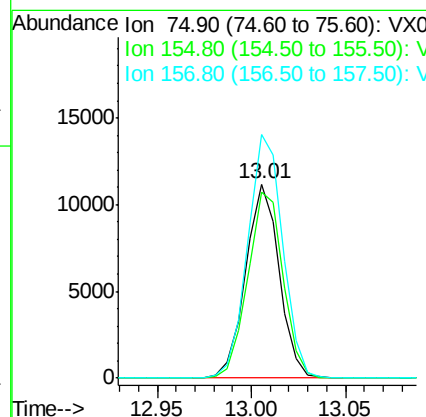
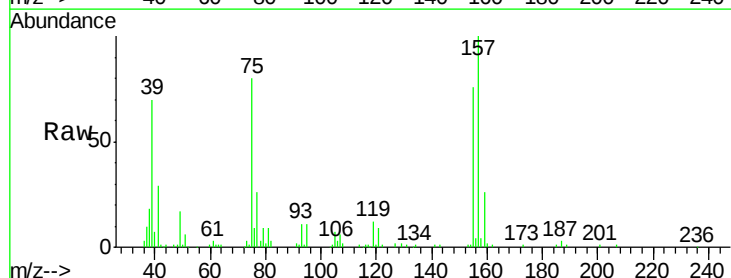
Manual Integrations
 APPROVED

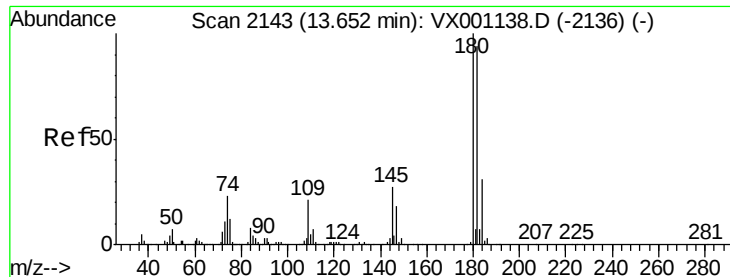
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.10 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.7	48.4	145.3
157	131.1	62.7	188.1





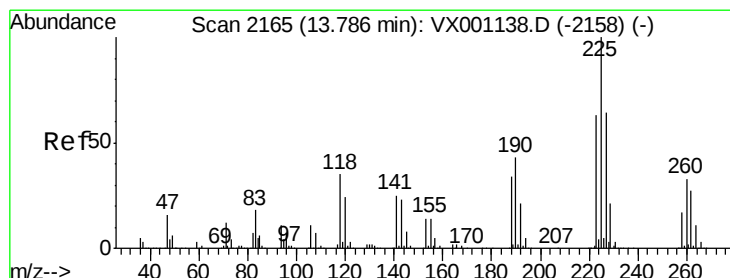
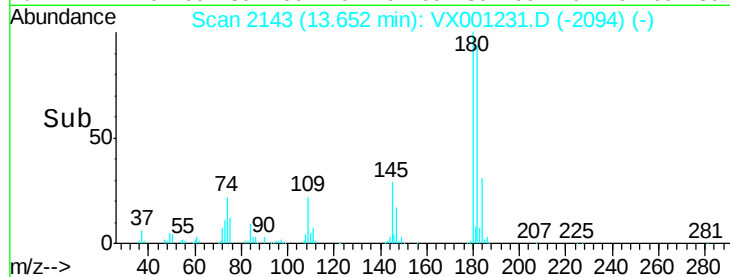
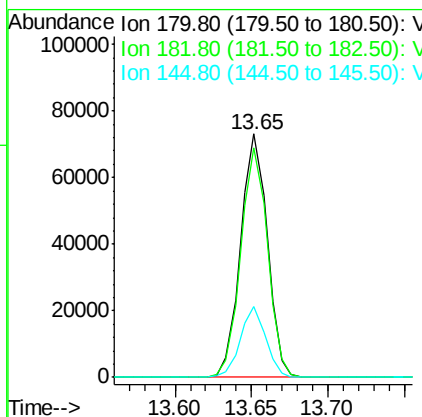
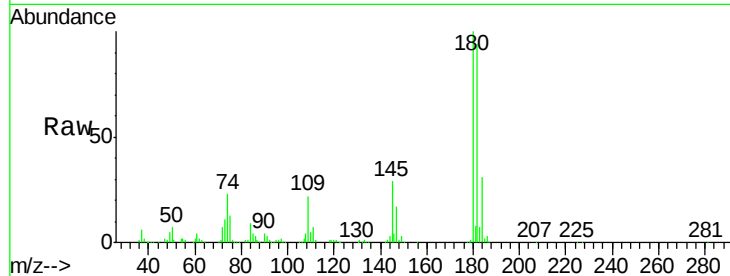
#93
 1,2,4-Trichlorobenzene
 Concen: 19.07 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428WBS02

Tot Ion:	180	Resp:	88531
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.6
145	27.6	13.8	41.4

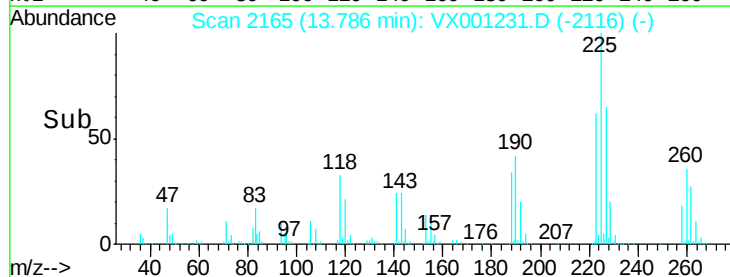
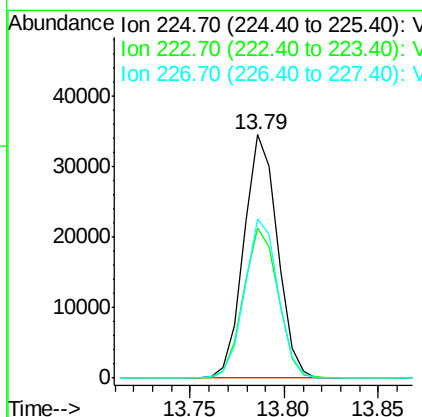
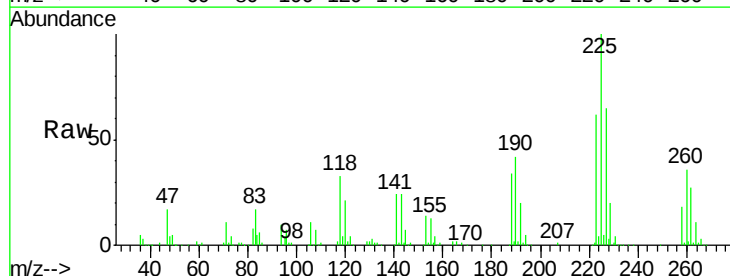
Manual Integrations
 APPROVED

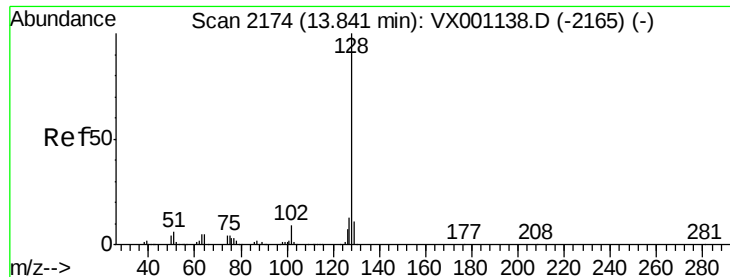
apatel
 5/1/2018 7:46:30 PM



#94
 Hexachlorobutadiene
 Concen: 19.62 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001231.D
 Acq: 28 Apr 2018 23:37

Tgt Ion:	225	Resp:	42811
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.3	93.9
227	65.1	32.2	96.6





#95

Naphthalene

Concen: 19.22 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Instrument :

MSVOA_X

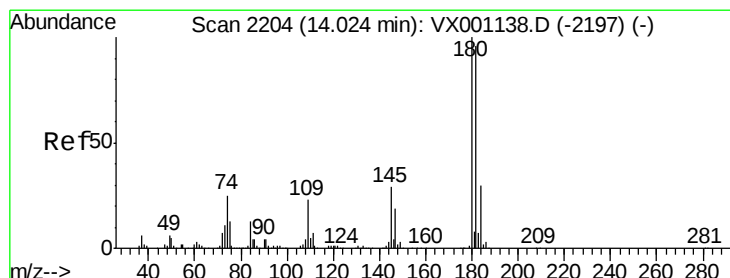
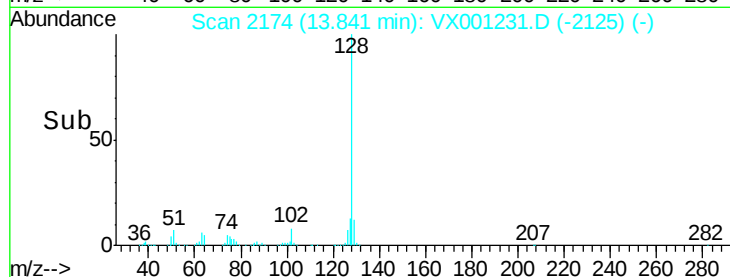
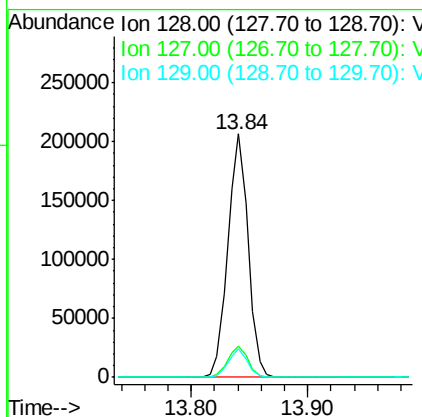
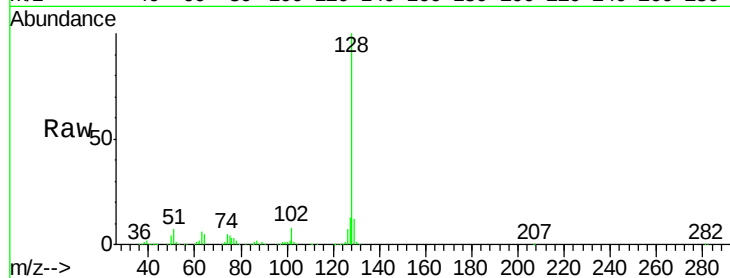
ClientSampleId :

VX0428WBS02

Tot Ion:	128	Resp:	248619
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	15.8
129	11.1	8.8	13.2

Manual Integrations
APPROVED

apatel
5/1/2018 7:46:30 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.88 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001231.D

Acq: 28 Apr 2018 23:37

Tgt Ion:	180	Resp:	91862
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.2	144.6
145	28.7	14.5	43.5

