

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002182.D
 Acq On : 31 May 2018 17:27
 Operator : JC/MD
 Sample : VX0531WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS02

Manual Integrations
 APPROVED

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 6/1/2018 6:37:09 PM

Quant Time: Jun 01 03:39:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	202943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179445	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163418	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.51	113	122632	40.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.76%	
50) Toluene-d8	8.72	98	445213	40.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.00%	
62) 4-Bromofluorobenzene	11.14	95	173206	40.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39921	14.265	ug/l	98
3) Chloromethane	1.32	50	57685	18.474	ug/l	99
4) Vinyl Chloride	1.41	62	58771	19.493	ug/l	99
5) Bromomethane	1.64	94	36236	25.642	ug/l	96
6) Chloroethane	1.72	64	39958	22.482	ug/l	97
7) Trichlorofluoromethane	1.93	101	93723	20.700	ug/l	98
8) Diethyl Ether	2.19	74	40242	24.496	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51552	20.404	ug/l	97
10) Methyl Iodide	2.51	142	51225	14.984	ug/l	97
11) Tert butyl alcohol	3.08	59	88643	124.486	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49676	21.000	ug/l	94
13) Acrolein	2.30	56	27294	88.653	ug/l	99
14) Allyl chloride	2.73	41	114665	23.093	ug/l	97
15) Acrylonitrile	3.15	53	180963	123.584	ug/l	100
16) Acetone	2.45	43	187479	133.913	ug/l	100
17) Carbon Disulfide	2.57	76	114683	16.846	ug/l	100
18) Methyl Acetate	2.78	43	93086	27.079	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	217567	24.454	ug/l	99
20) Methylene Chloride	2.86	84	64220	25.682	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	55177	23.110	ug/l	99
22) Diisopropyl ether	3.88	45	207875	20.582	ug/l	99
23) Vinyl Acetate	3.83	43	901787	107.691	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104729	21.829	ug/l	99
25) 2-Butanone	4.71	43	255314	99.500	ug/l	99
26) 2,2-Dichloropropane	4.59	77	80868	16.653	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60589	19.643	ug/l	90
28) Bromochloromethane	5.03	49	56434	27.055	ug/l	99
29) Tetrahydrofuran	5.17	42	163737	98.078	ug/l	100
30) Chloroform	5.22	83	107408	19.871	ug/l	96
31) Cyclohexane	5.57	56	82385	16.482	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	89126	17.687	ug/l	98
36) 1,1-Dichloropropene	5.80	75	70812	16.765	ug/l	99
37) Ethyl Acetate	4.87	43	99083	17.993	ug/l	98
38) Carbon Tetrachloride	5.79	117	74151	15.054	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82115	15.824	ug/l	98
40) Benzene	6.15	78	232266	18.770	ug/l	97
41) Methacrylonitrile	5.07	41	55725	18.314	ug/l	98
42) 1,2-Dichloroethane	6.20	62	95400	19.300	ug/l	98
43) Isopropyl Acetate	6.47	43	161922	17.647	ug/l	100
44) Trichloroethene	7.22	130	62312	17.280	ug/l	97
45) 1,2-Dichloropropane	7.52	63	63664	18.944	ug/l	98
46) Dibromomethane	7.67	93	41784	18.779	ug/l	99
47) Bromodichloromethane	7.90	83	75693	15.955	ug/l	95
48) Methyl methacrylate	7.78	41	83567	17.895	ug/l	98
49) 1,4-Dioxane	7.76	88	32520	395.179	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	532689	96.309	ug/l	99
52) Toluene	8.79	92	149483	18.981	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	92361	16.903	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	83866	15.751	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	62397	18.966	ug/l	98
56) Ethyl methacrylate	9.19	69	100270	17.719	ug/l	99
57) 1,3-Dichloropropane	9.38	76	105387	19.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	224827	89.640	ug/l	100
59) 2-Hexanone	9.50	43	405132	94.994	ug/l	99
60) Dibromochloromethane	9.59	129	58659	15.053	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63141	18.291	ug/l	98
64) Tetrachloroethene	9.34	164	70889	17.562	ug/l	99
65) Chlorobenzene	10.14	112	169771	19.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	60658	16.842	ug/l	99
67) Ethyl Benzene	10.26	91	283615	18.302	ug/l	99
68) m/p-Xylenes	10.37	106	217550	36.724	ug/l	100
69) o-Xylene	10.70	106	110371	18.660	ug/l	99
70) Styrene	10.71	104	178276	18.174	ug/l	100
71) Bromoform	10.86	173	44010	12.887	ug/l #	100
73) Isopropylbenzene	11.02	105	284963	18.753	ug/l	99
74) N-amyl acetate	6.47	43	161922	18.557	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	90849	21.128	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	92458m	21.451	ug/l	
77) Bromobenzene	11.26	156	78515	19.475	ug/l	97
78) n-propylbenzene	11.37	91	313053	18.394	ug/l	99
79) 2-Chlorotoluene	11.43	91	196689	19.669	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241786	18.619	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	23705	13.218	ug/l #	81
82) 4-Chlorotoluene	11.51	91	227987	18.993	ug/l	100
83) tert-Butylbenzene	11.77	119	234078	18.369	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249345	18.580	ug/l	100
85) sec-Butylbenzene	11.95	105	277321	18.104	ug/l	100
86) p-Isopropyltoluene	12.07	119	248589	18.135	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	137285	19.014	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	139431	19.316	ug/l	99
89) n-Butylbenzene	12.39	91	202368	17.423	ug/l	98
90) Hexachloroethane	12.60	117	35961	13.300	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	143137	19.457	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20021	14.819	ug/l	99

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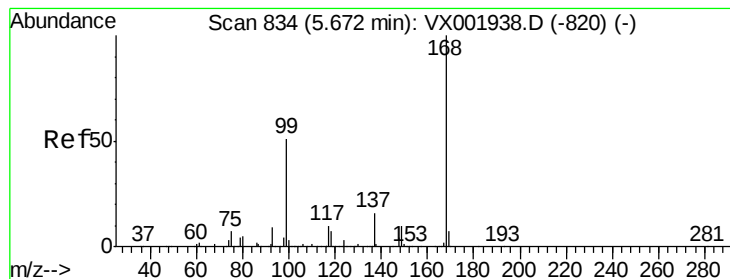
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95593	18.172	ug/l	99
94) Hexachlorobutadiene	13.79	225	46869	16.563	ug/l	99
95) Naphthalene	13.84	128	307660	18.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99617	18.302	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion:168 Resp: 202943

Ion Ratio Lower Upper

168 100

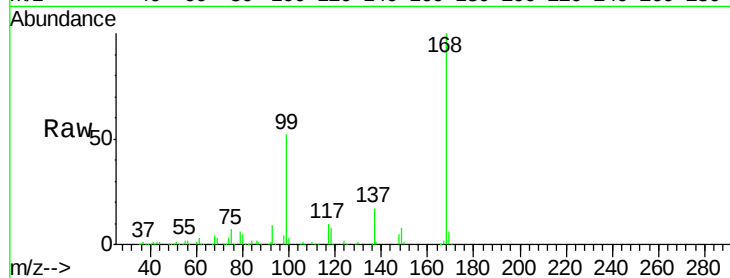
99 51.5 41.0 61.4

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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

80000

60000

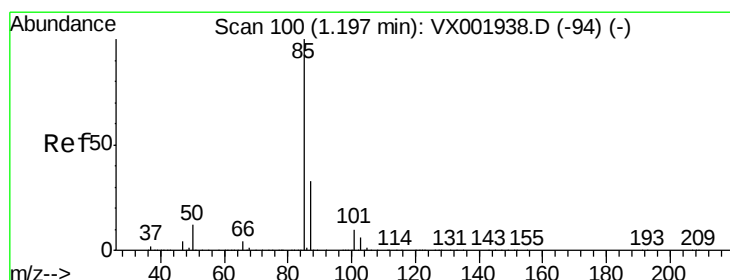
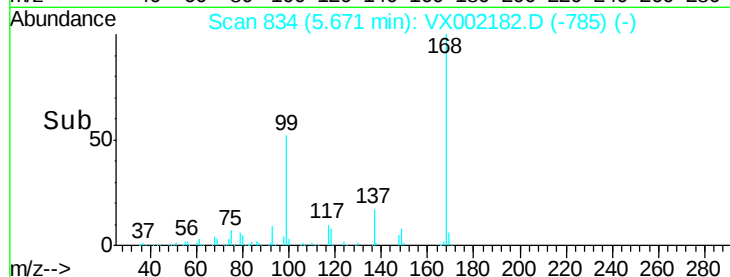
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 14.265 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002182.D

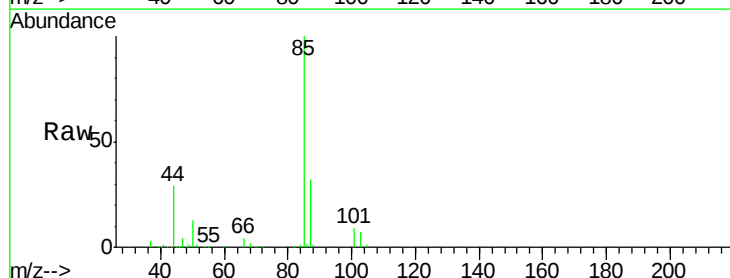
Acq: 31 May 2018 17:27

Tgt Ion: 85 Resp: 39921

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

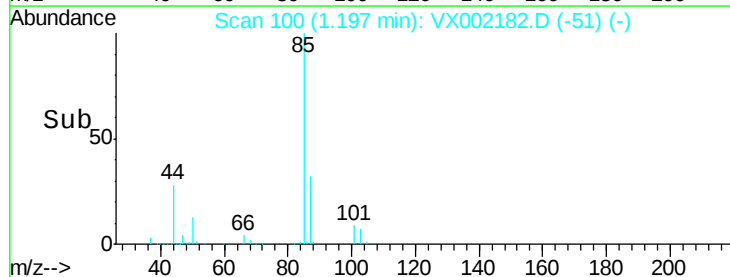
20000

10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.474 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 50 Resp: 57685

Ion Ratio Lower Upper

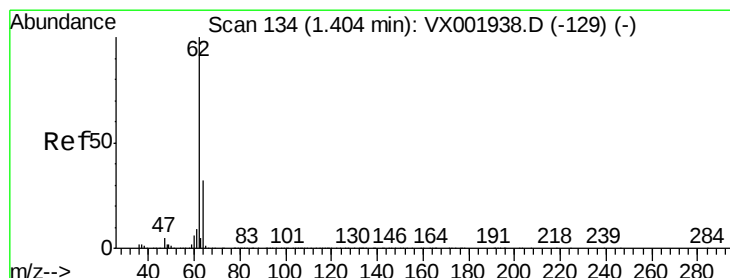
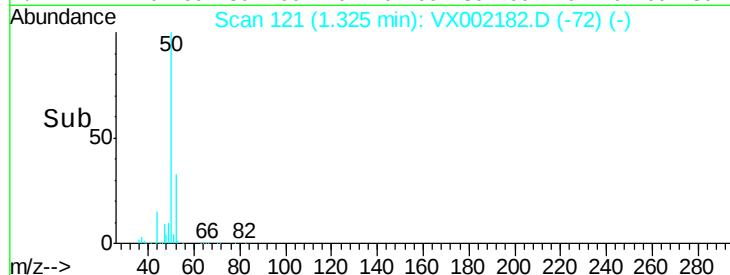
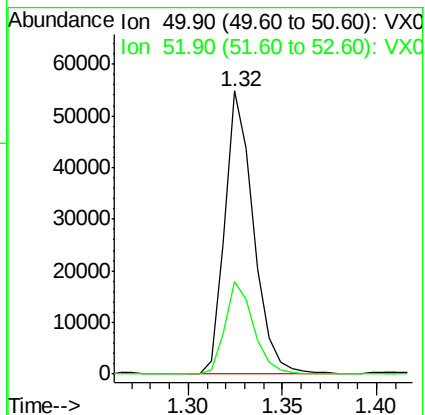
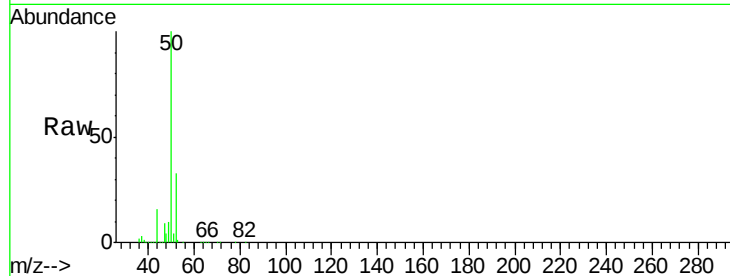
50 100

52 33.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 19.493 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002182.D

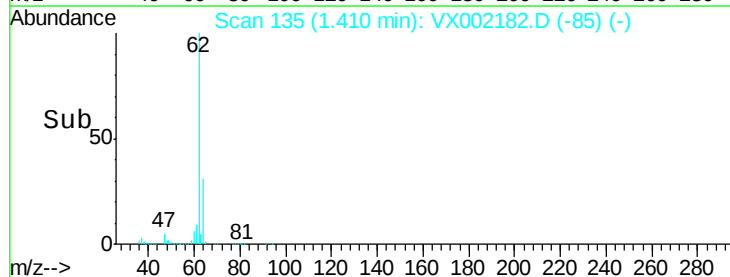
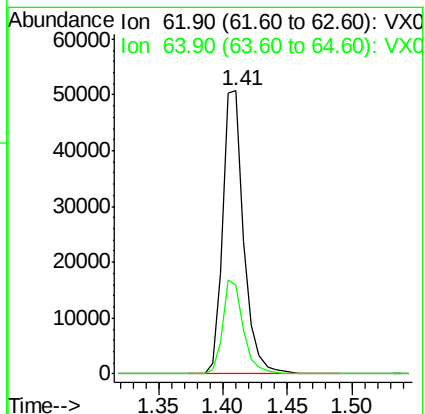
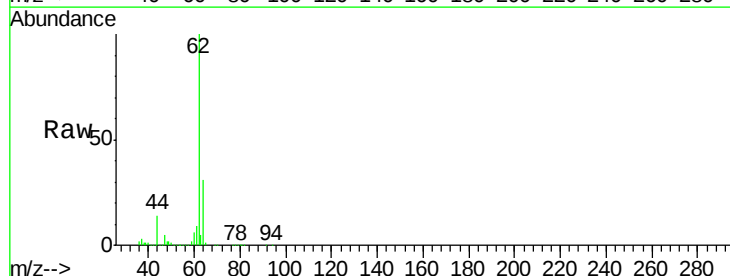
Acq: 31 May 2018 17:27

Tgt Ion: 62 Resp: 58771

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 25.642 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 94 Resp: 36236

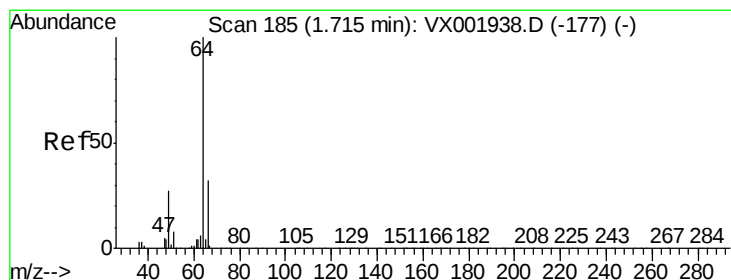
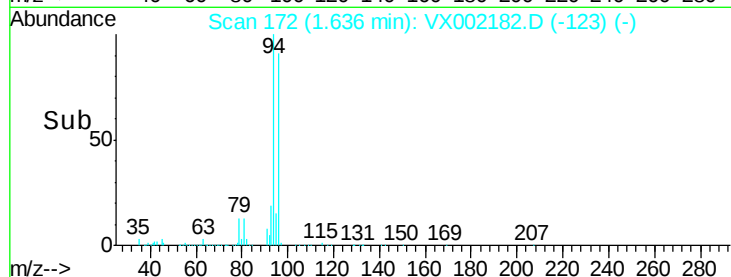
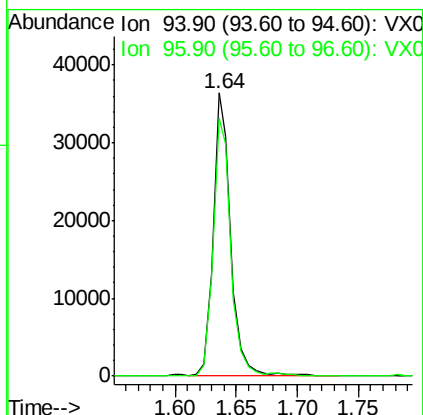
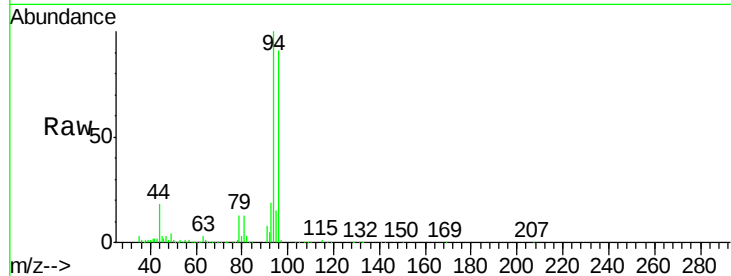
Ion Ratio Lower Upper

94 100

96 91.4 75.9 113.9

Manual Integrations
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#6

Chloroethane

Concen: 22.482 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002182.D

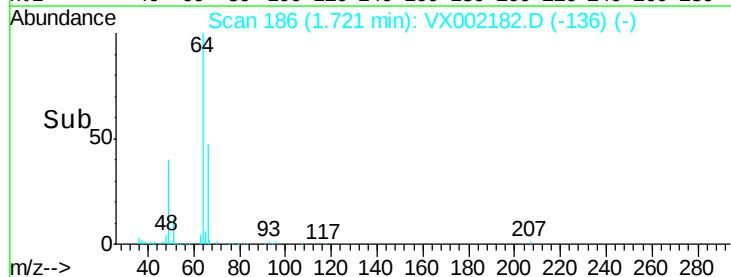
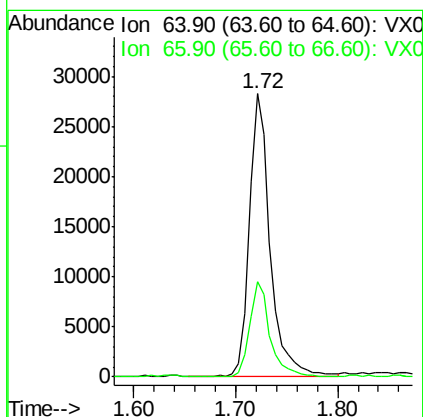
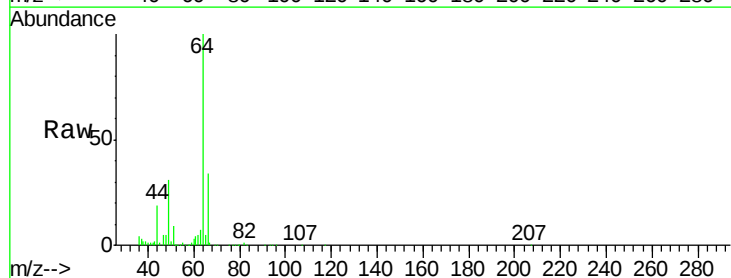
Acq: 31 May 2018 17:27

Tgt Ion: 64 Resp: 39958

Ion Ratio Lower Upper

64 100

66 33.4 25.6 38.4





#7

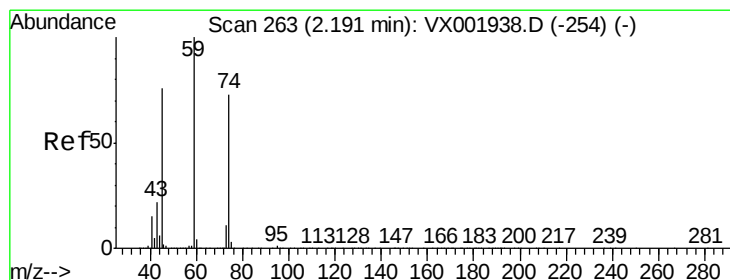
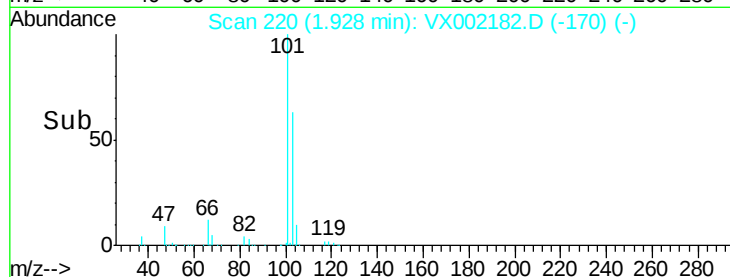
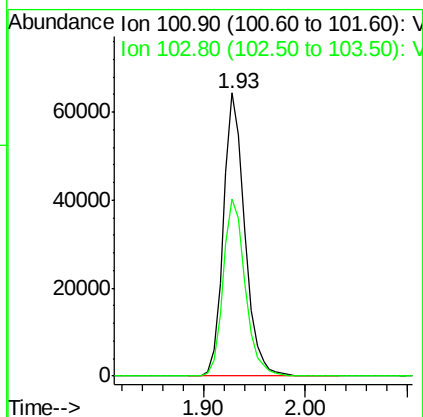
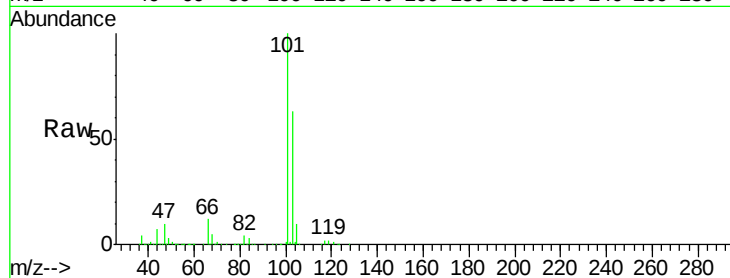
Trichlorofluoromethane
Concen: 20.700 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		93723		
103	62.8	51.4	77.0		

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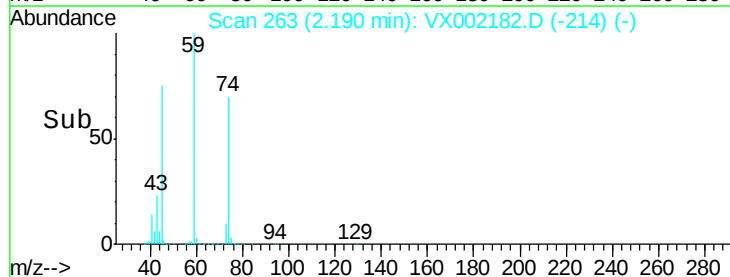
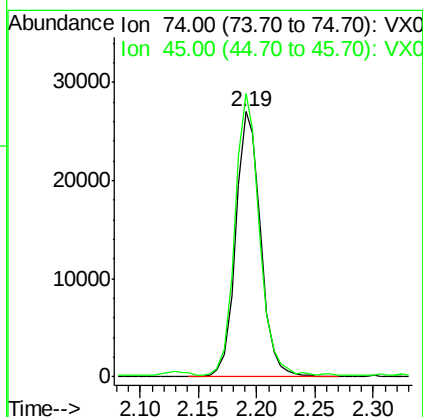
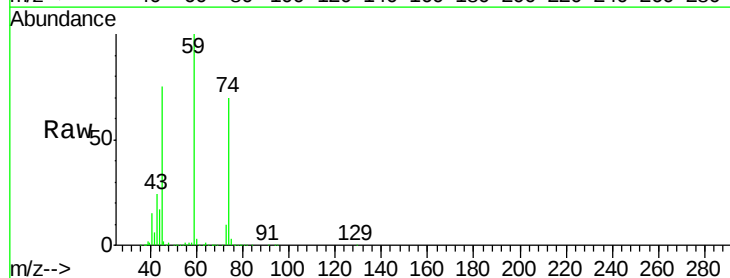
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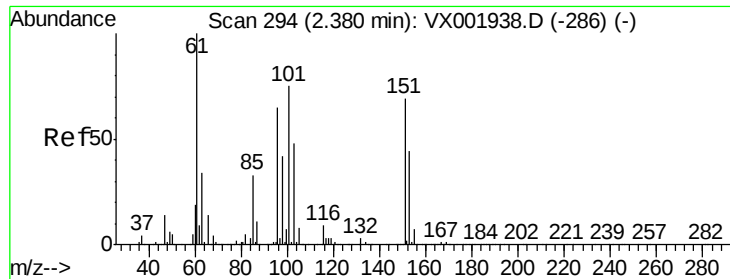


#8

Diethyl Ether
Concen: 24.496 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		40242		
45	104.0	51.5	154.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.404 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

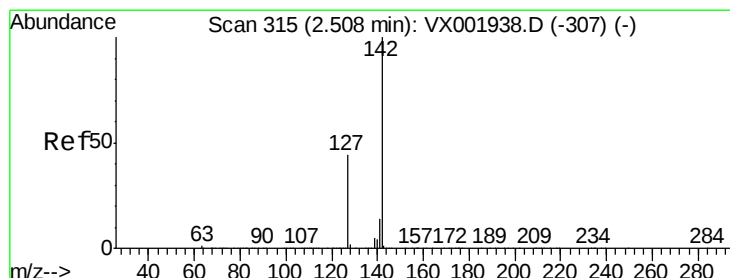
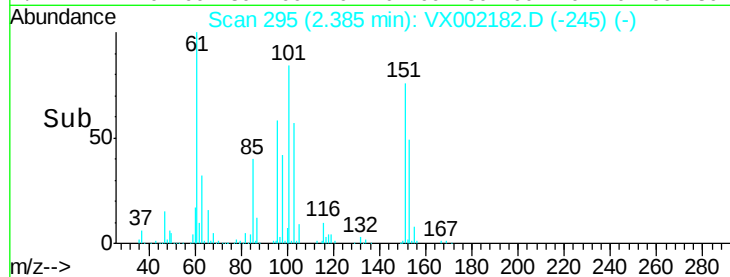
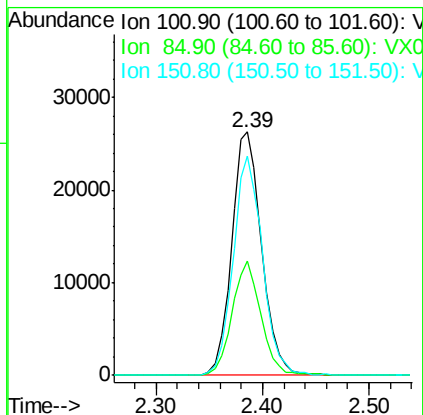
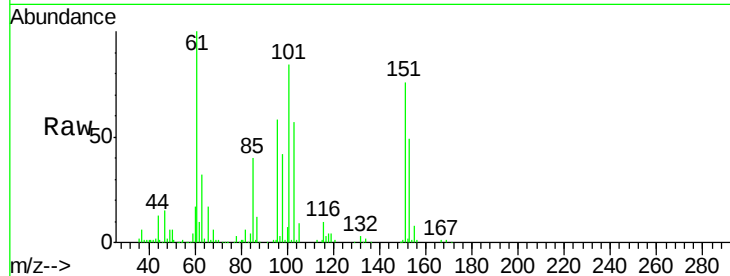
ClientSampleId :

VX0531WBS02

Tot Ion:	101	Resp:	51552
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.6	53.4
151	88.6	73.2	109.8

Manual Integrations
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#10

Methyl Iodide

Concen: 14.984 ug/l

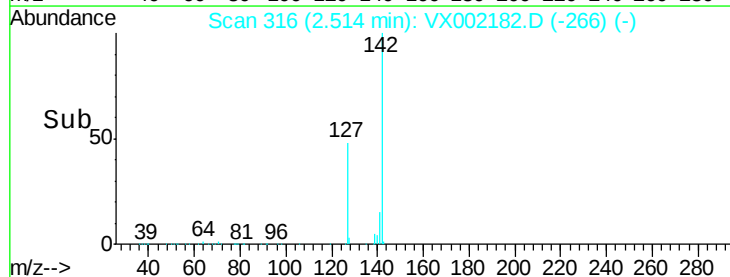
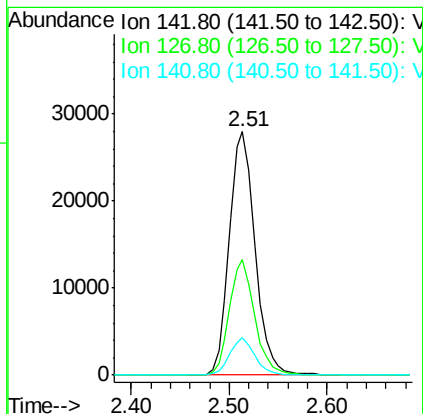
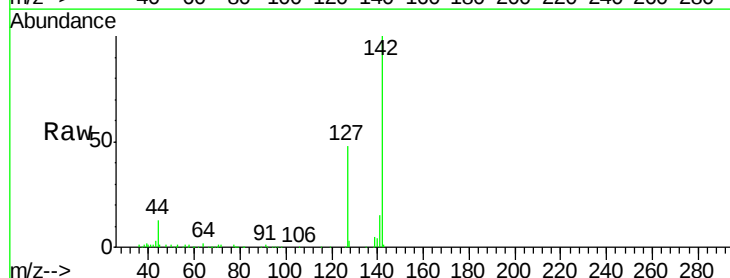
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion:	142	Resp:	51225
Ion Ratio	Lower	Upper	
142	100		
127	46.5	35.5	53.3
141	14.6	11.3	16.9





#11

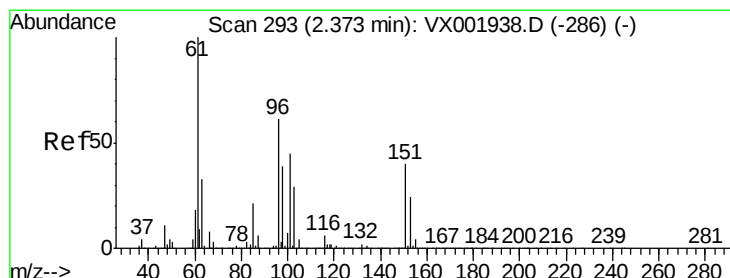
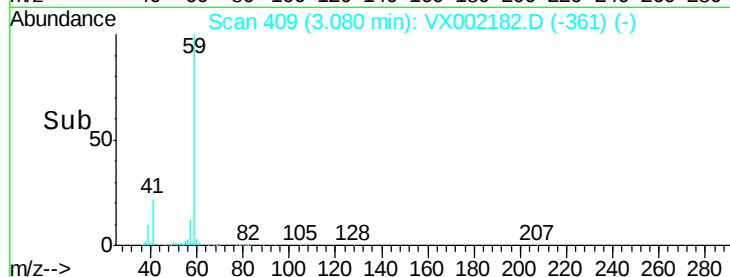
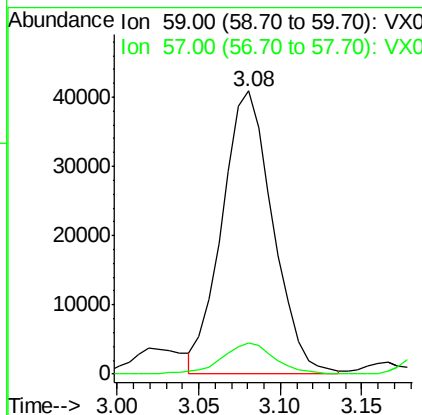
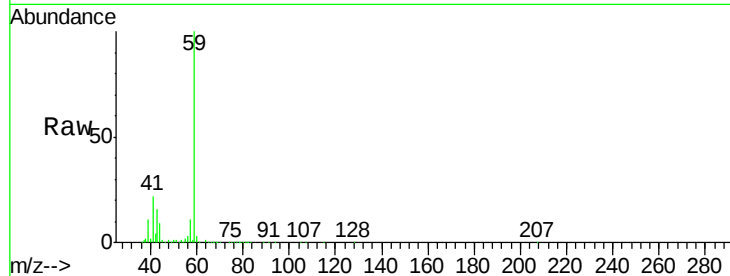
Tert butyl alcohol
Concen: 124.486 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.9	13.3

Manual Integrations
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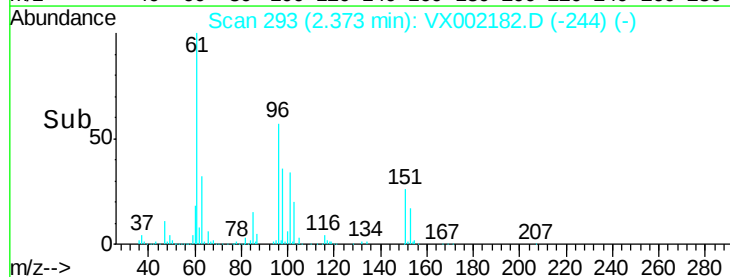
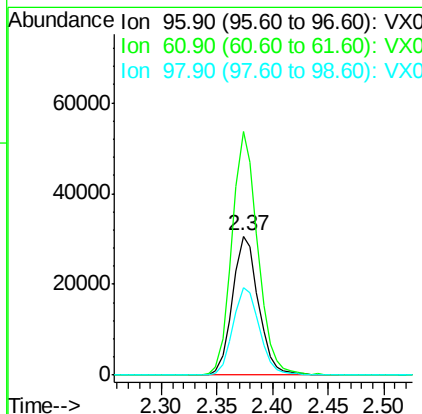
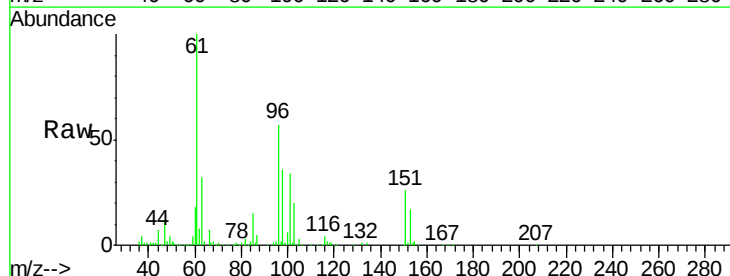
MMDadoda
6/1/2018 6:37:09 PM



#12

1,1-Dichloroethene
Concen: 21.000 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.5	131.7	197.5
98	62.7	51.6	77.4





#13

Acrolein

Concen: 88.653 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 56 Resp: 27294

Ion Ratio Lower Upper

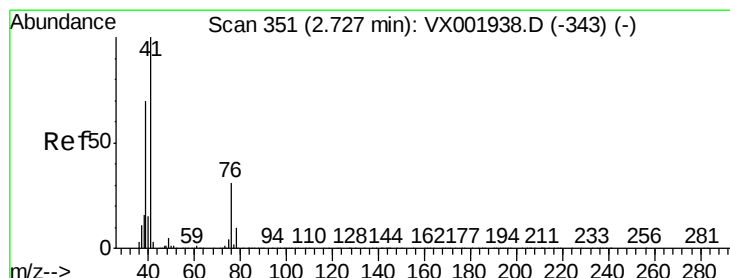
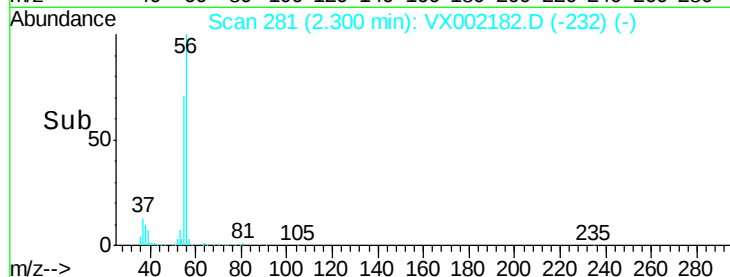
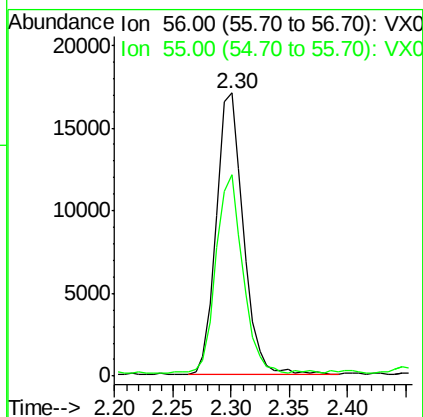
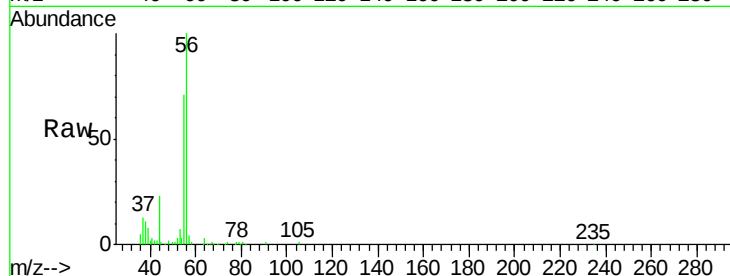
56 100

55 70.3 56.8 85.2

Manual Integrations
APPROVED

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6/1/2018 6:37:09 PM



#14

Allyl chloride

Concen: 23.093 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

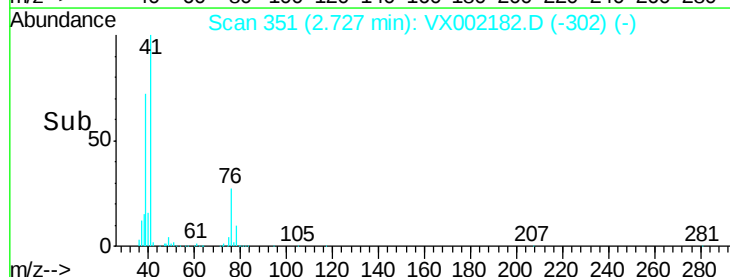
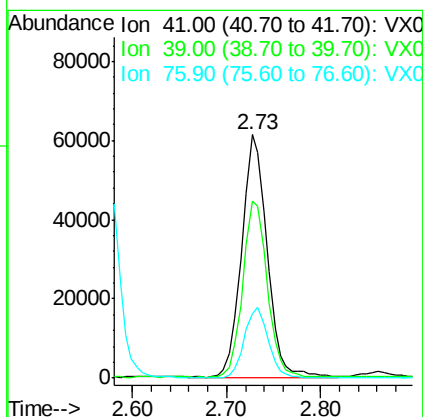
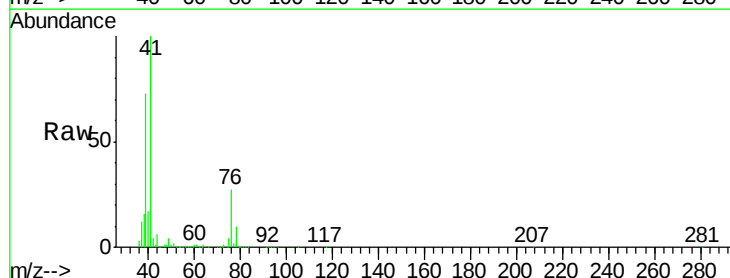
Tgt Ion: 41 Resp: 114665

Ion Ratio Lower Upper

41 100

39 70.3 54.3 81.5

76 28.2 24.2 36.4





#15

Acrylonitrile

Concen: 123.584 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002182.D

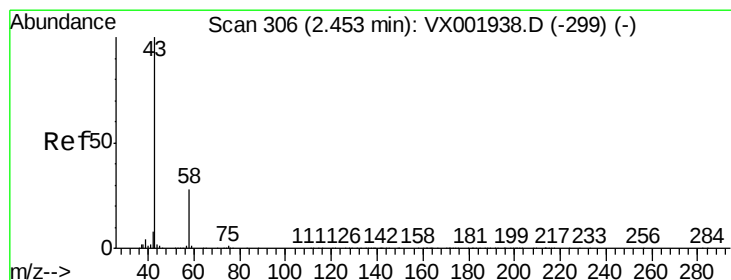
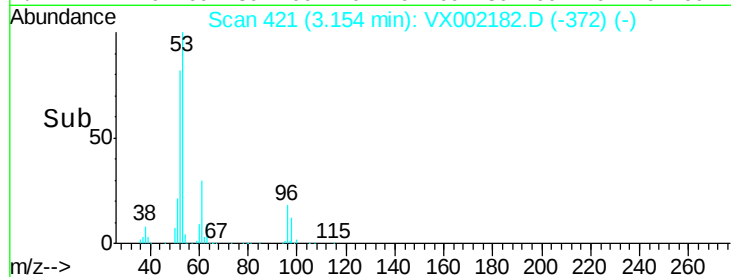
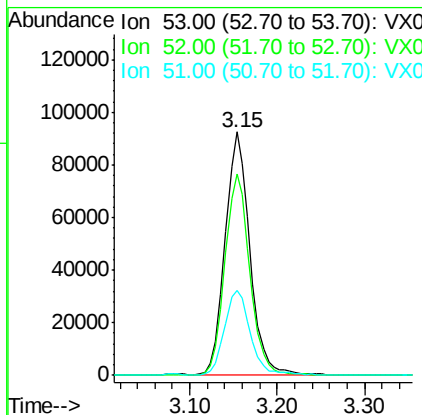
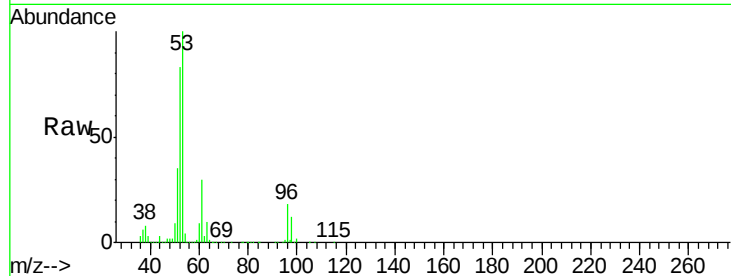
Acq: 31 May 2018 17:27

Tot Ion	53	Resp	180963
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.4	99.6
51	36.8	29.3	43.9

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Manual Integrations
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#16

Acetone

Concen: 133.913 ug/l

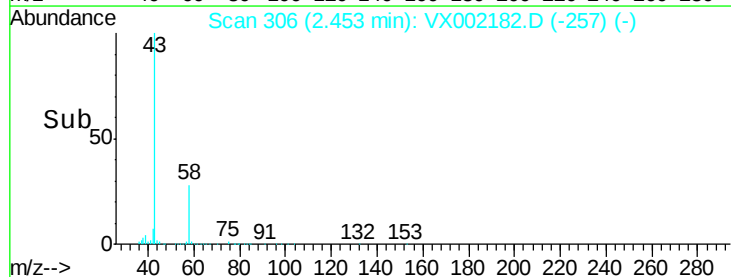
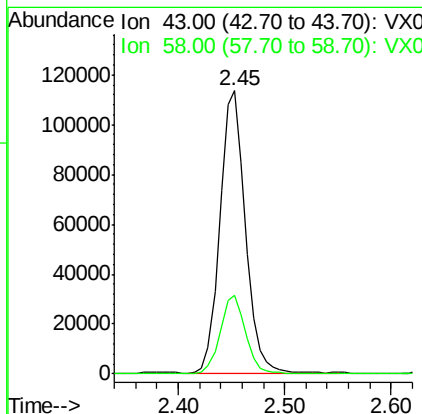
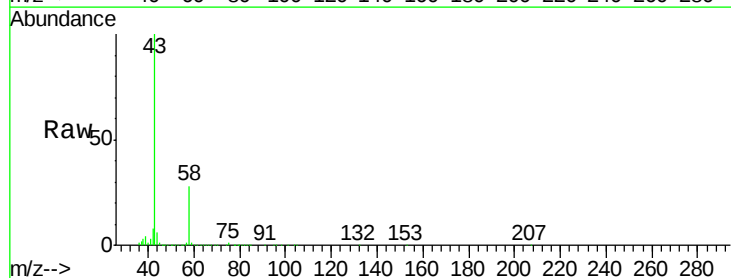
RT: 2.45 min Scan# 306

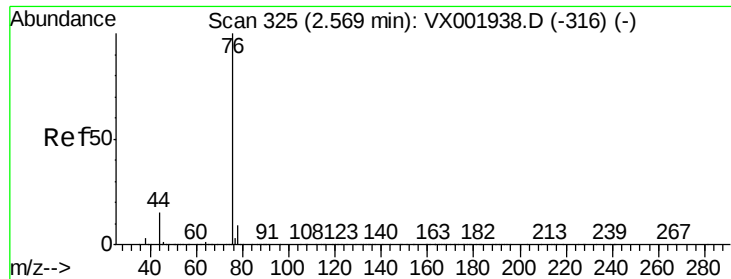
Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion	43	Resp	187479
Ion Ratio	Lower	Upper	
43	100		
58	27.9	22.3	33.5





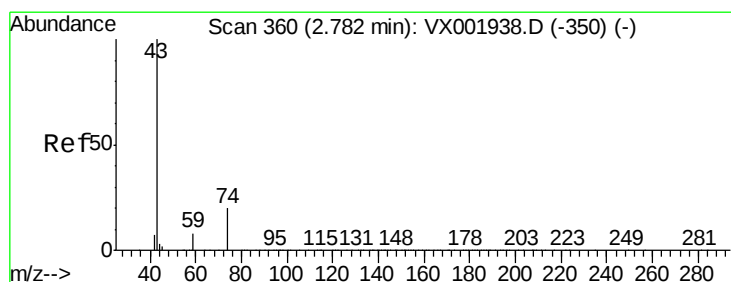
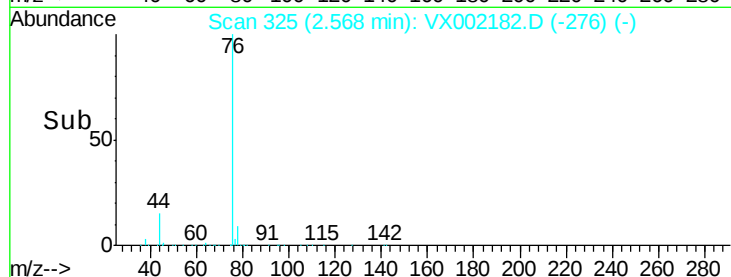
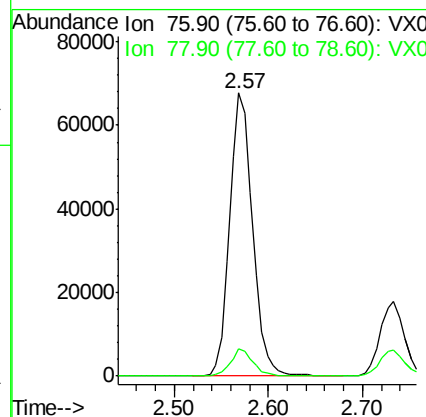
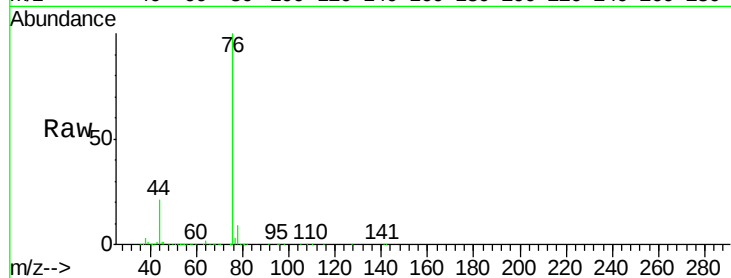
#17
Carbon Disulfide
Concen: 16.846 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

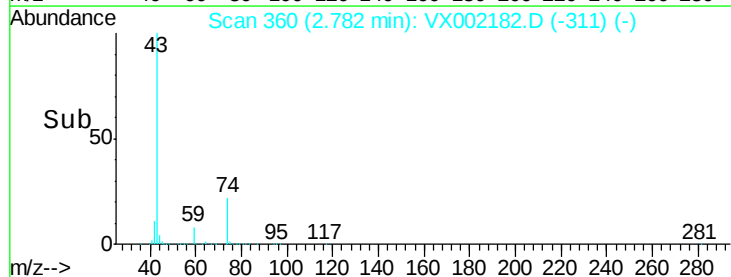
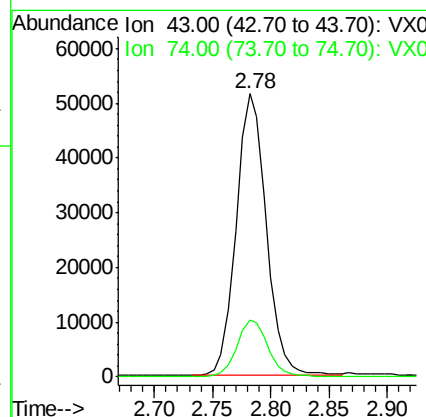
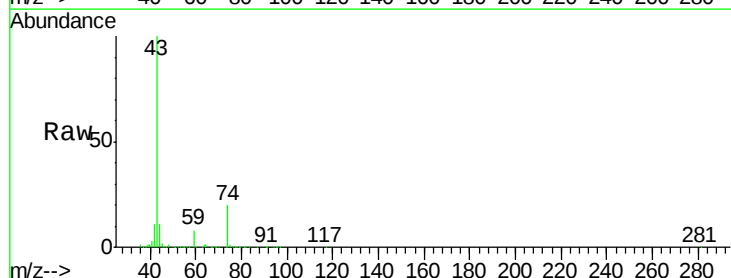
Manual Integrations
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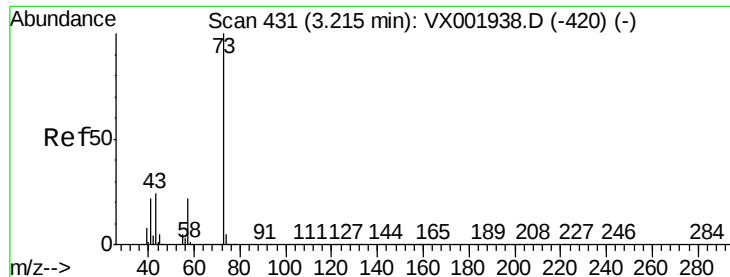
MMDadoda
6/1/2018 6:37:09 PM



#18
Methyl Acetate
Concen: 27.079 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.5	16.8	25.2





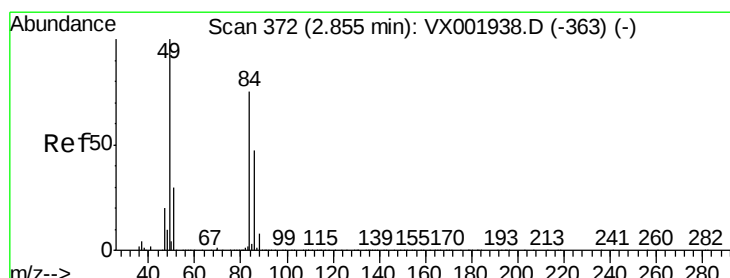
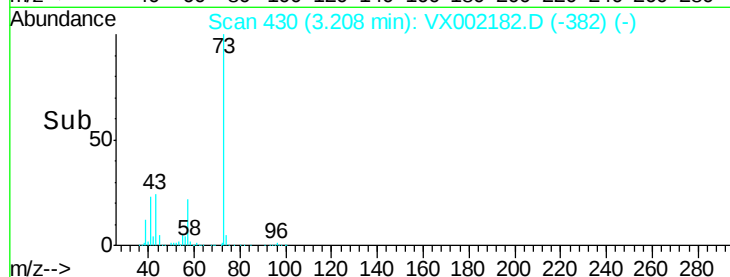
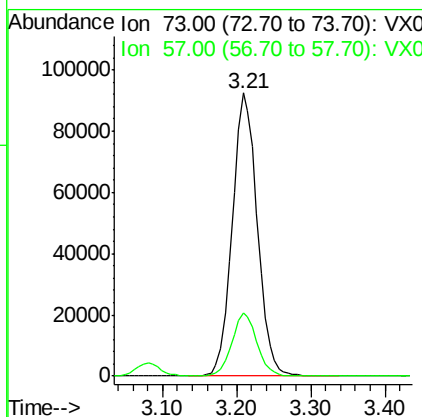
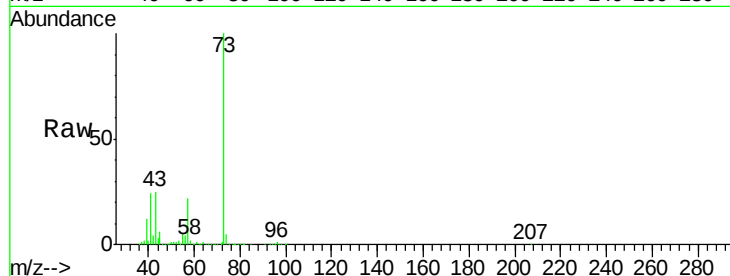
#19
Methvl tert-butvl Ether
Concen: 24.454 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion: 73 Resp: 217567
Ion Ratio Lower Upper
73 100
57 22.0 17.4 26.0

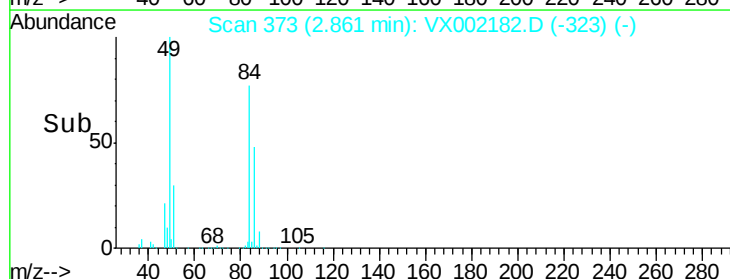
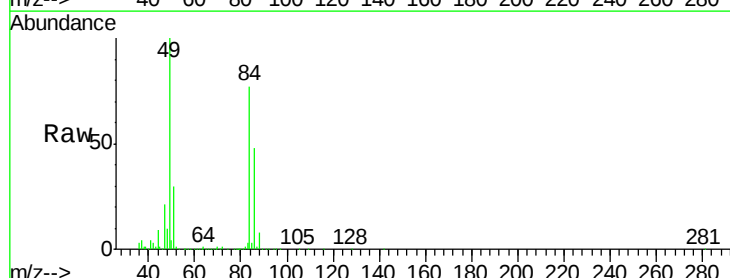
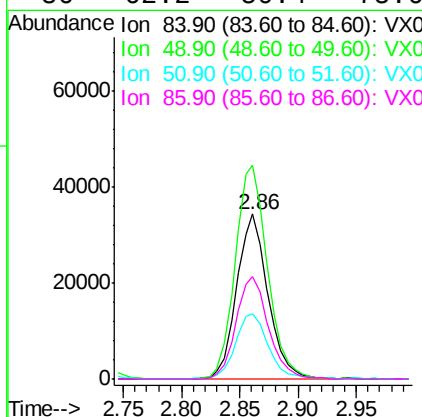
Manual Integrations
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#20
Methylene Chloride
Concen: 25.682 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion: 84 Resp: 64220
Ion Ratio Lower Upper
84 100
49 129.7 107.2 160.8
51 39.2 32.4 48.6
86 62.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 23.110 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

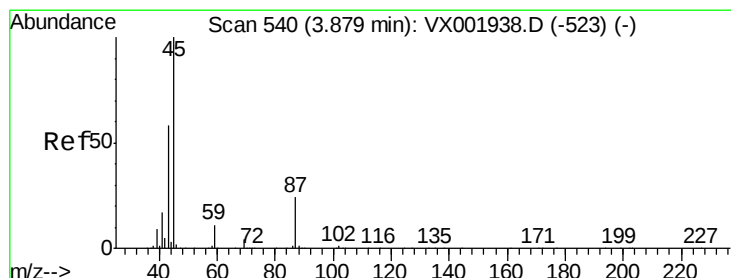
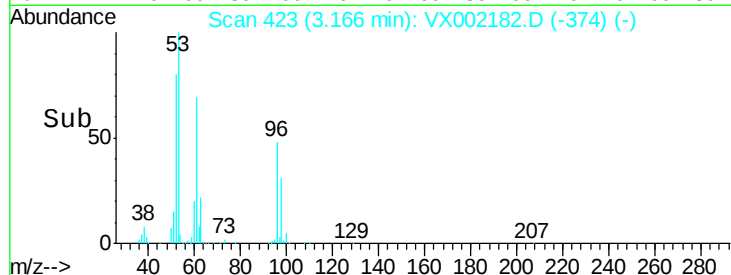
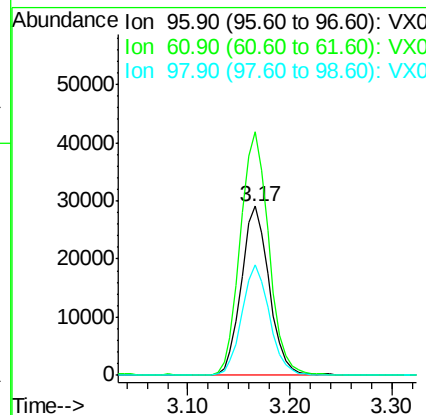
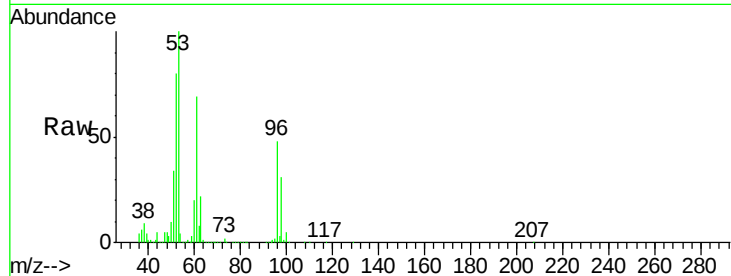
ClientSampleId :

VX0531WBS02

Tot Ion:	96	Resp:	55177
Ion	Ratio	Lower	Upper
96	100		
61	143.6	113.3	169.9
98	64.9	51.7	77.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.582 ug/l

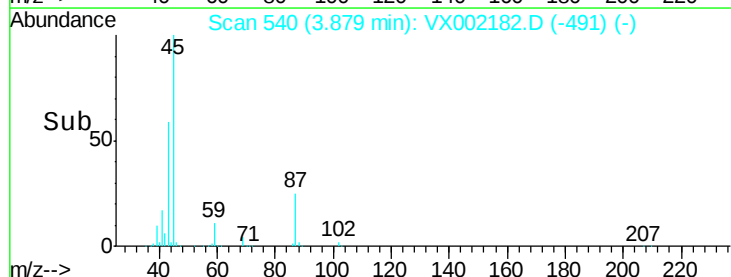
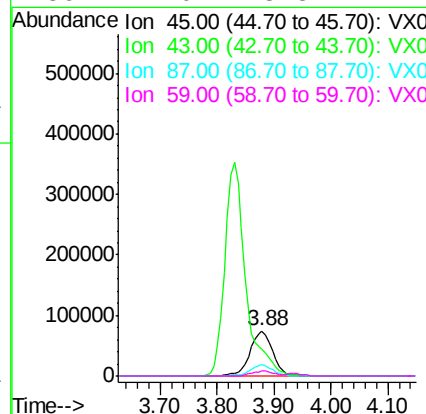
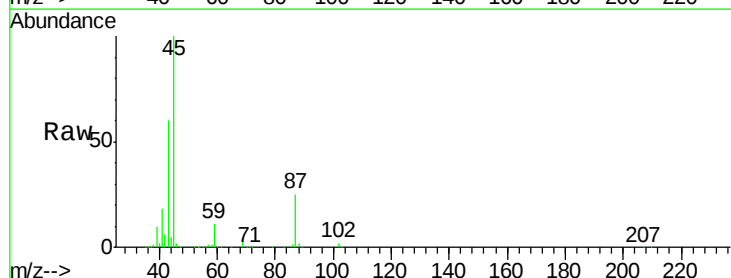
RT: 3.88 min Scan# 540

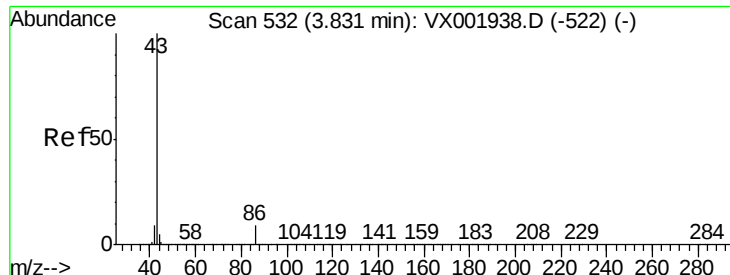
Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion:	45	Resp:	207875
Ion	Ratio	Lower	Upper
45	100		
43	59.5	47.0	70.6
87	25.4	19.4	29.0
59	11.0	8.5	12.7





#23

Vinyl Acetate

Concen: 107.691 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 43 Resp: 901787

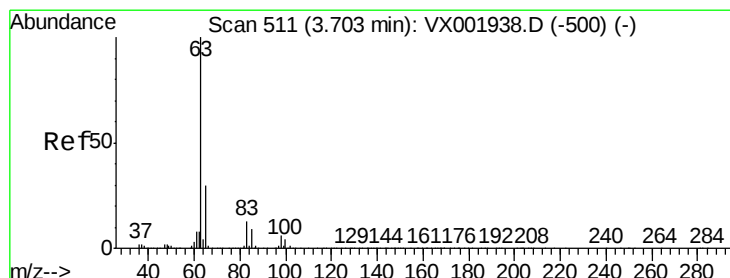
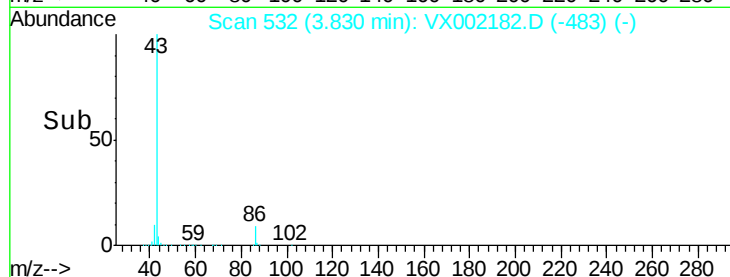
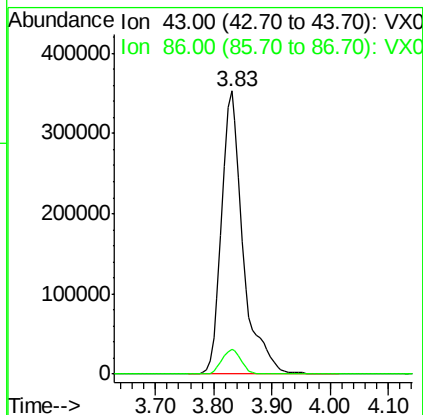
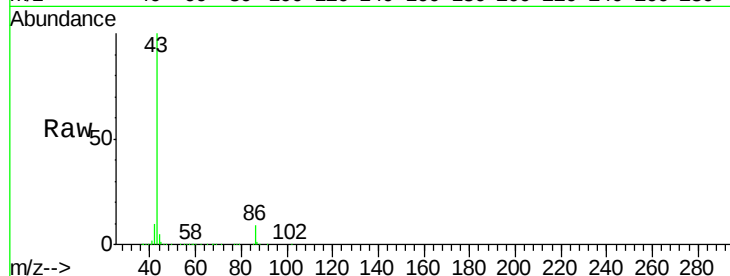
Ion Ratio Lower Upper

43 100

86 8.8 7.6 11.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 21.829 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

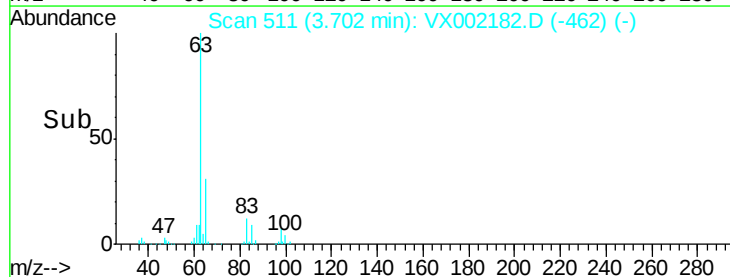
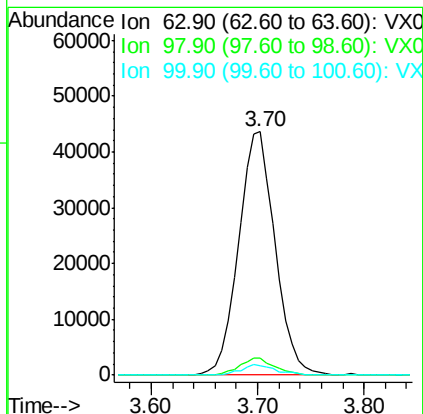
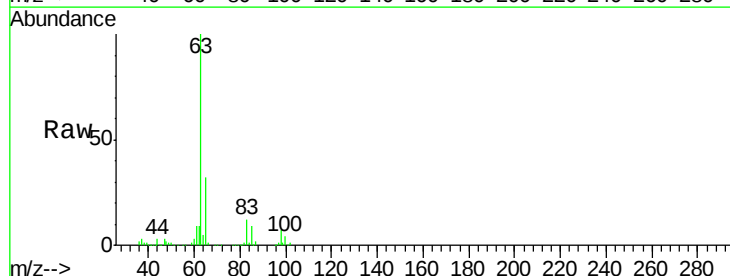
Tgt Ion: 63 Resp: 104729

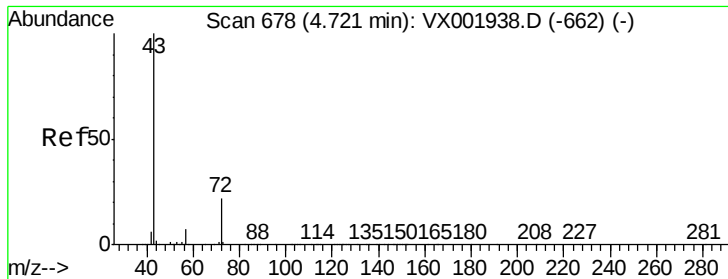
Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 99.500 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tot Ion: 43 Resp: 255314

Ion Ratio Lower Upper

43 100

72 22.9 17.9 26.9

Instrument :

MSVOA_X

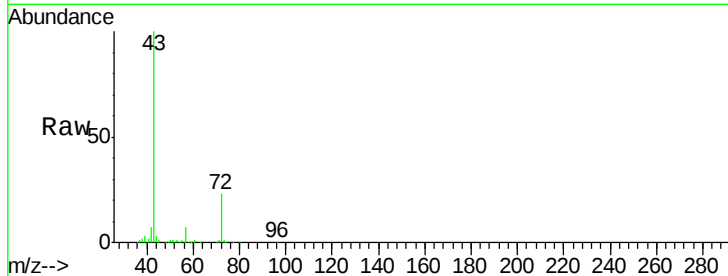
ClientSampleId :

VX0531WBS02

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

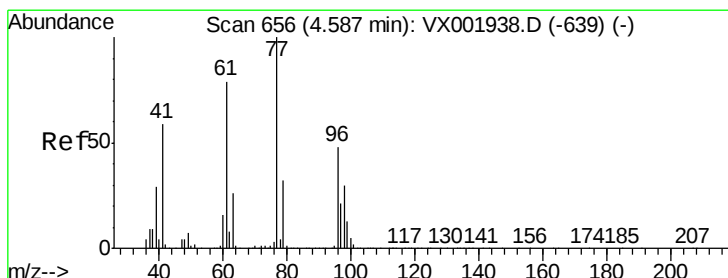
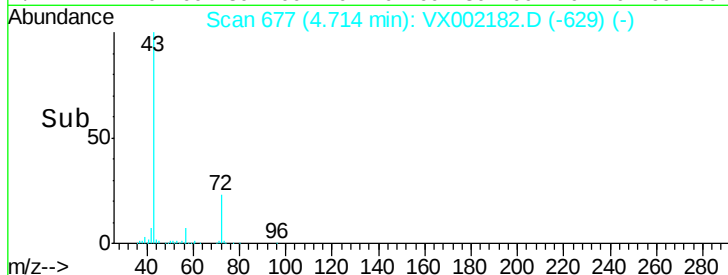
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.653 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002182.D

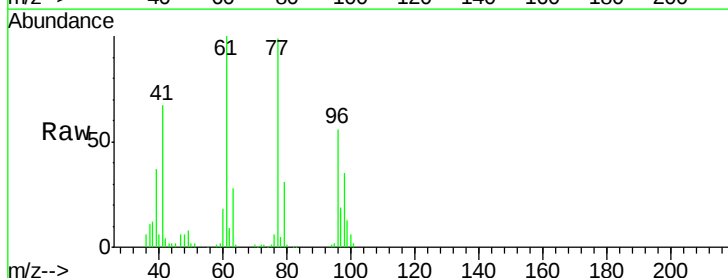
Acq: 31 May 2018 17:27

Tgt Ion: 77 Resp: 80868

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

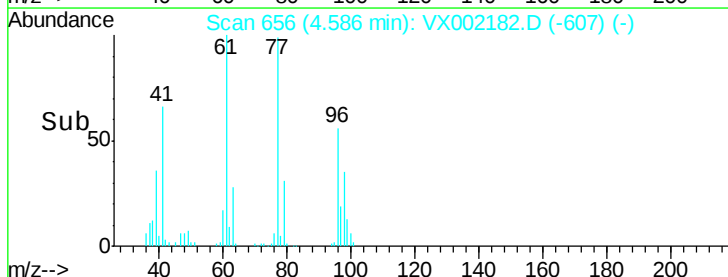
10000

5000

0

4.50 4.60 4.70

Time-->





#27

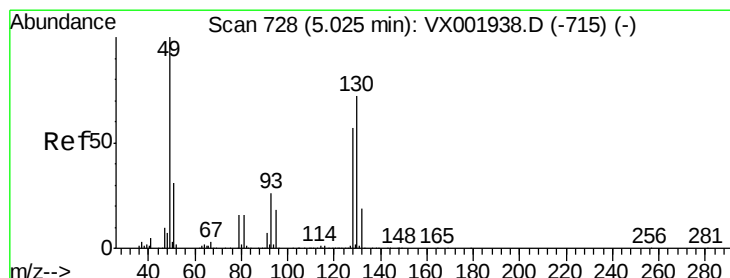
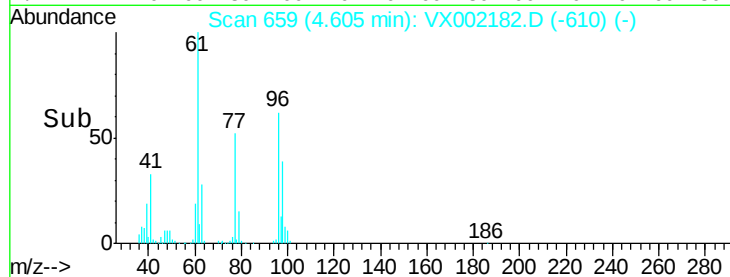
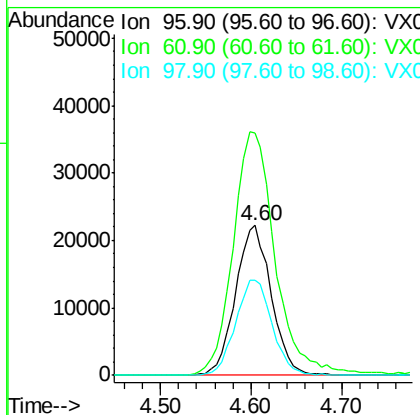
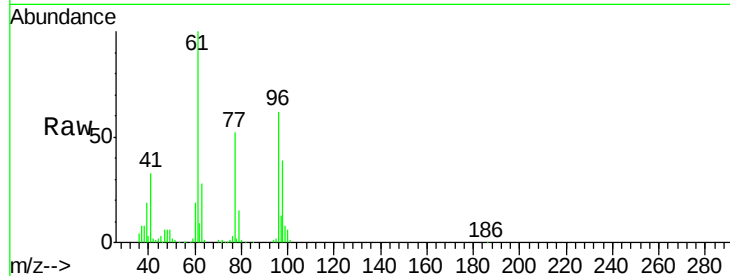
cis-1,2-Dichloroethene
 Concen: 19.643 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	60589		
61	191.7	0.0	348.4	
98	65.3	0.0	128.6	

Manual Integrations
 APPROVED

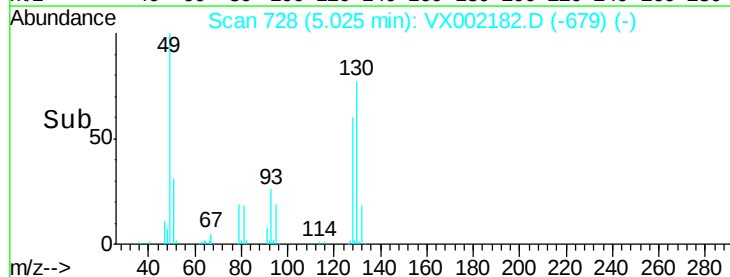
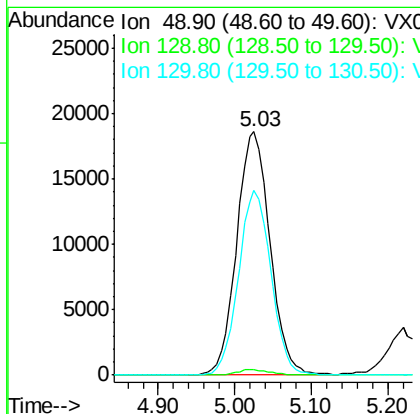
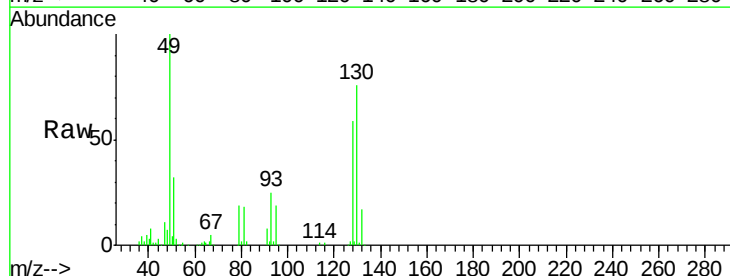
MMDadoda
 6/1/2018 6:37:09 PM



#28

Bromochloromethane
 Concen: 27.055 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	56434		
129	2.0	0.0	3.8	
130	73.6	59.4	89.2	





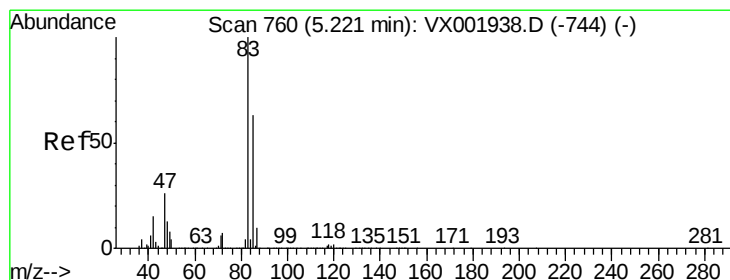
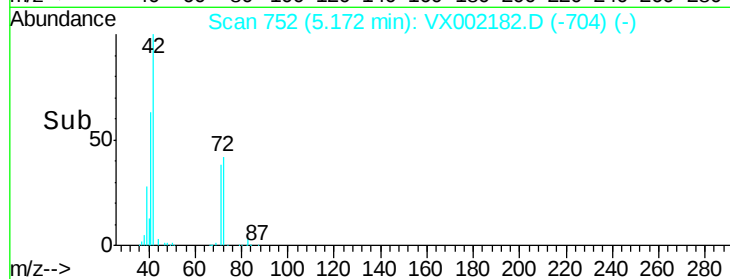
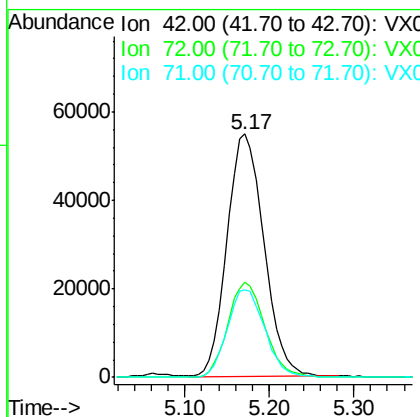
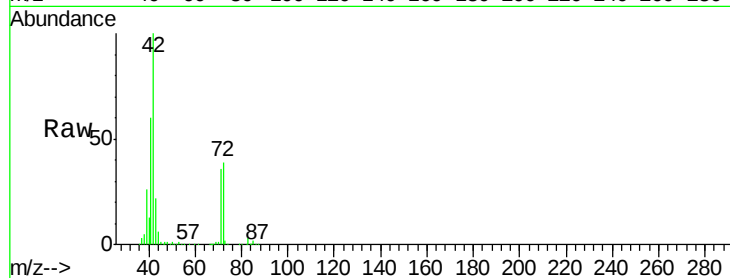
#29
Tetrahydrofuran
Concen: 98.078 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion:	42	Resp:	163737
Ion Ratio		Lower	Upper
42	100		
72	39.2	31.4	47.0
71	36.7	29.5	44.3

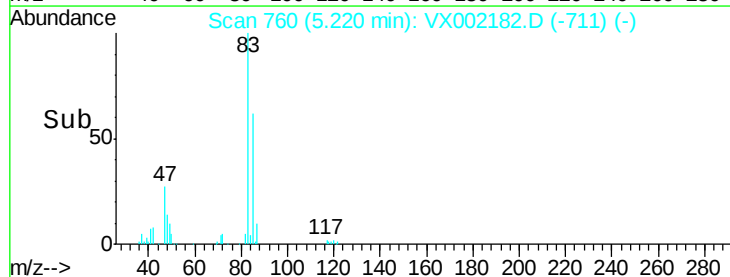
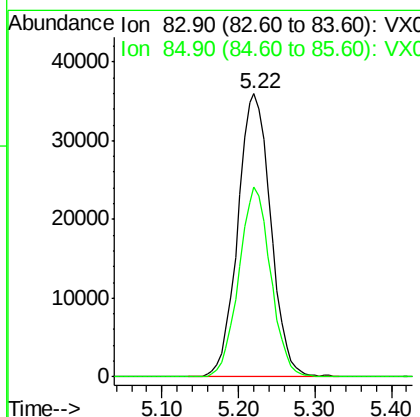
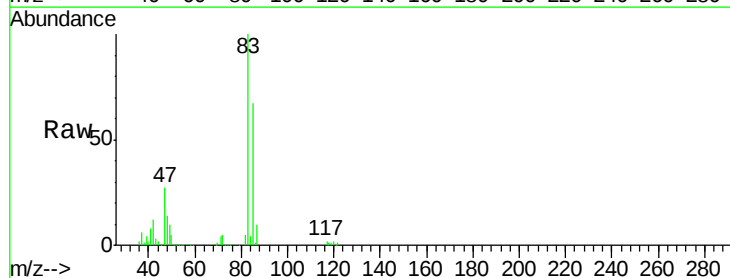
Manual Integrations
APPROVED

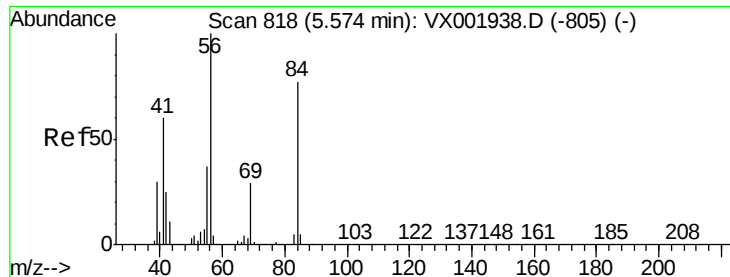
MMDadoda
6/1/2018 6:37:09 PM



#30
Chloroform
Concen: 19.871 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion:	83	Resp:	107408
Ion Ratio		Lower	Upper
83	100		
85	67.1	50.9	76.3





#31

Cyclohexane

Concen: 16.482 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

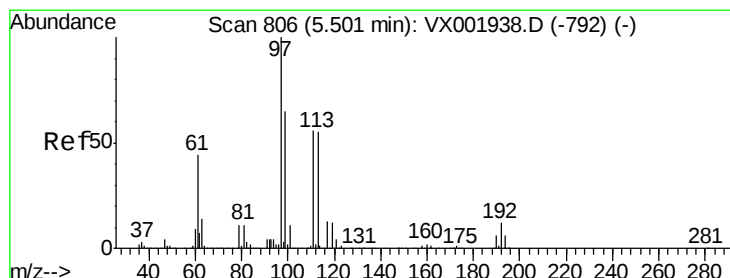
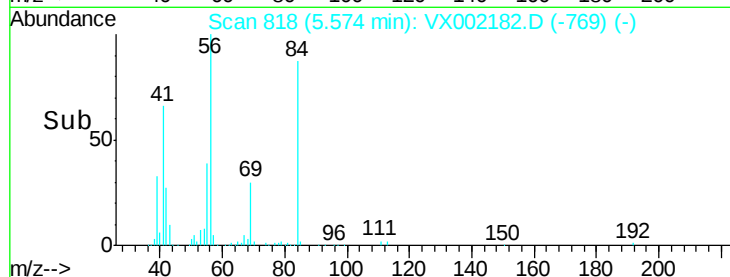
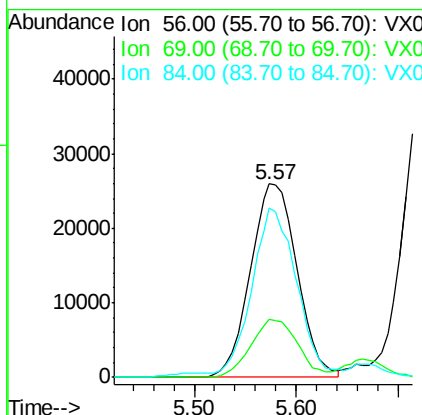
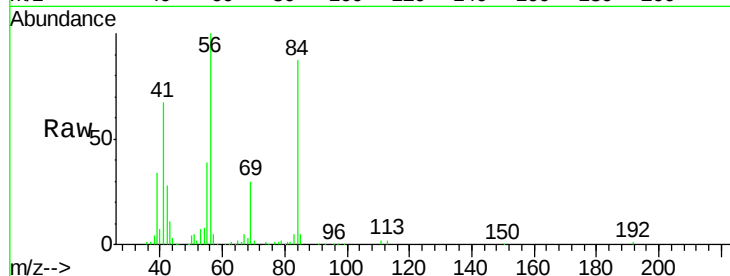
ClientSampleId :

VX0531WBS02

Tot Ion:	56	Resp:	82385
Ion Ratio	Lower	Upper	
56	100		
69	30.4	23.1	34.7
84	85.4	62.0	93.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 17.687 ug/l

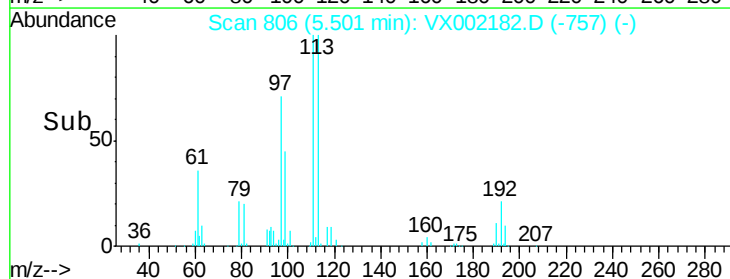
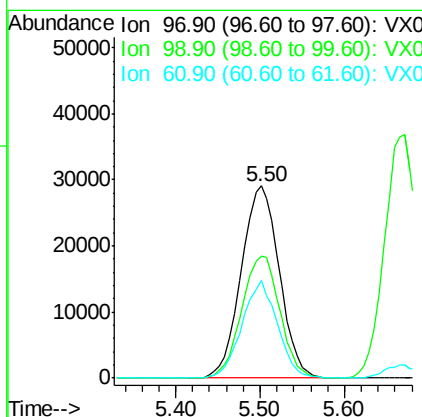
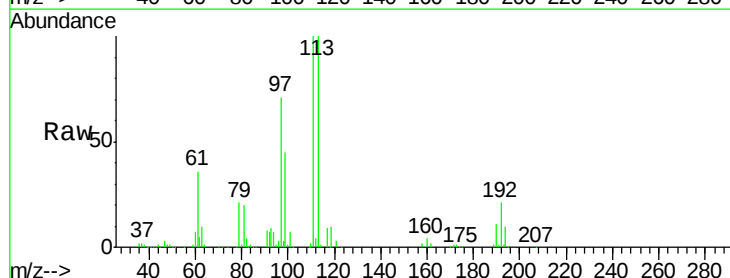
RT: 5.50 min Scan# 806

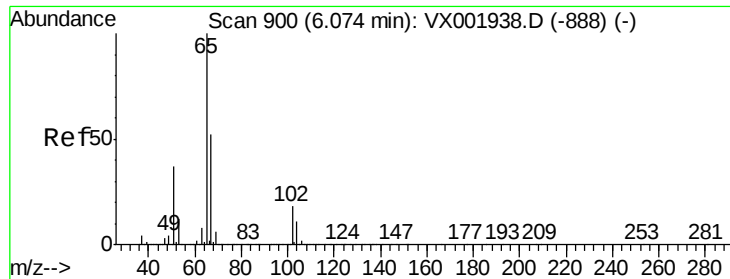
Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion:	97	Resp:	89126
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.9	77.9
61	47.3	35.9	53.9





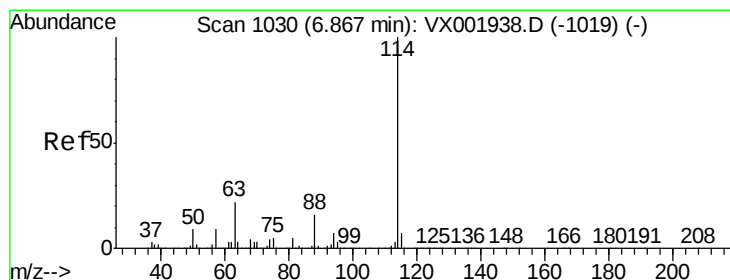
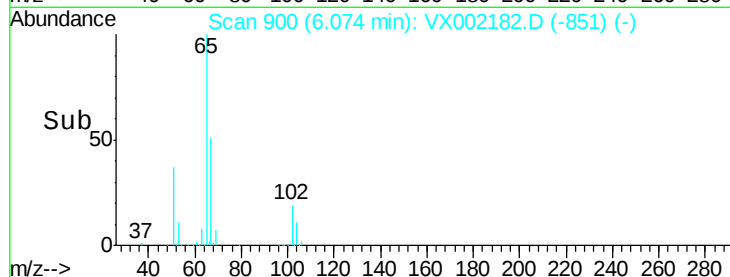
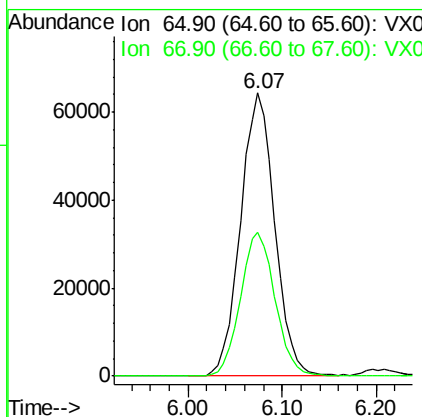
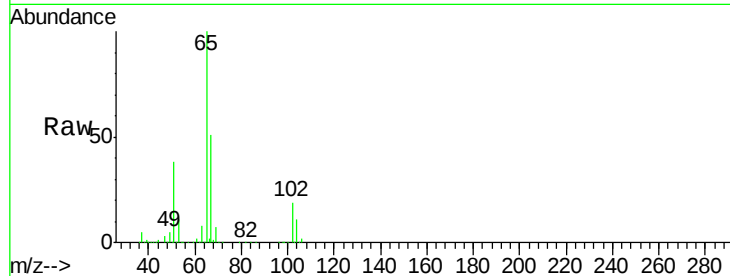
#33
 1,2-Dichloroethane-d4
 Concen: 45.048 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	163418		
67	51.6	0.0	104.0	

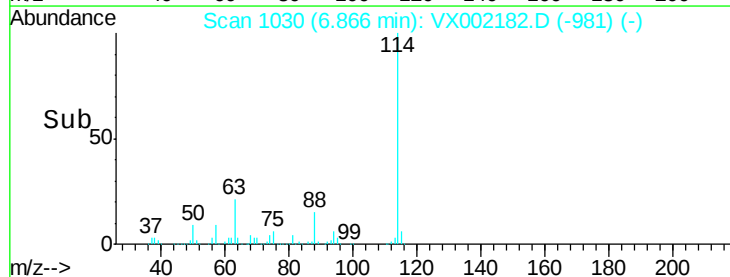
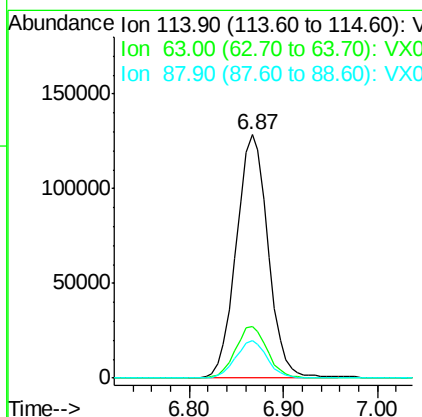
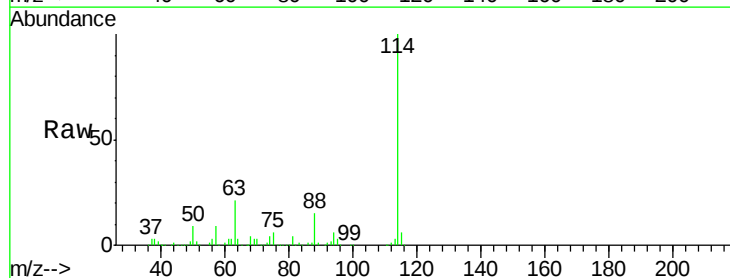
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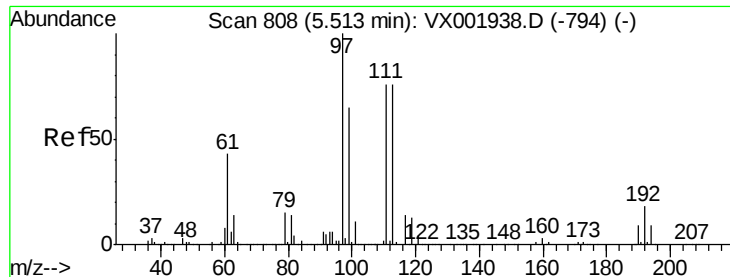
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	303666		
63	21.2	0.0	43.2	
88	15.4	0.0	31.6	





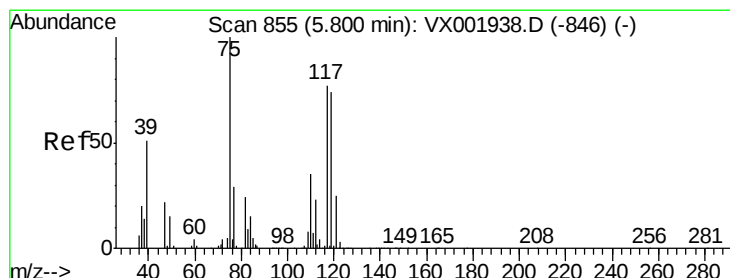
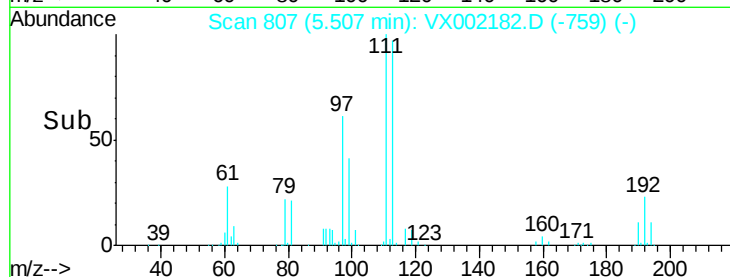
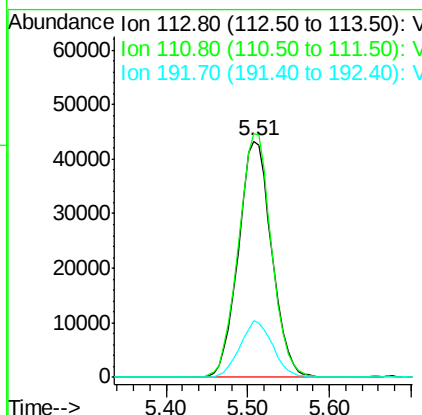
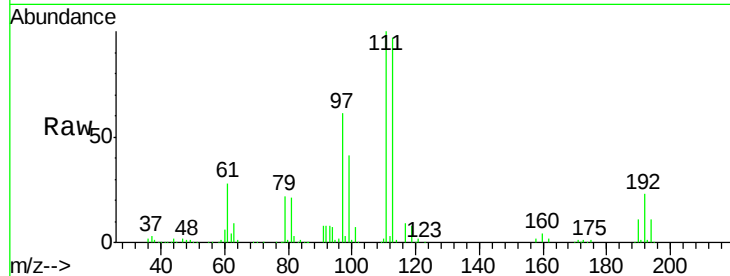
#35
 Dibromofluoromethane
 Concen: 40.384 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122632		
111	102.7	82.0	123.0	
192	23.5	18.9	28.3	

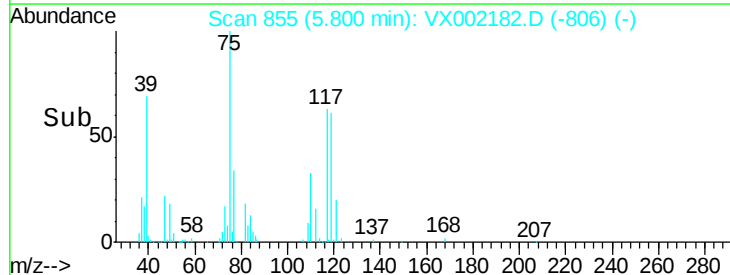
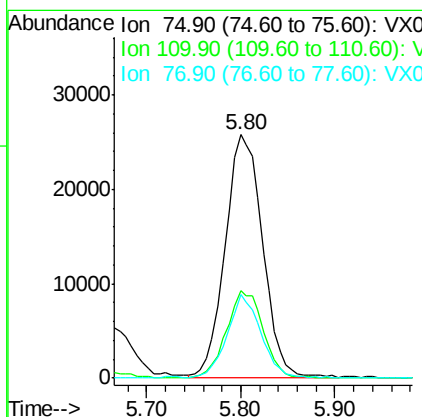
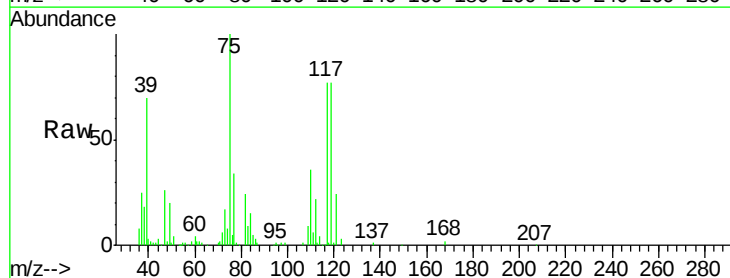
Manual Integrations
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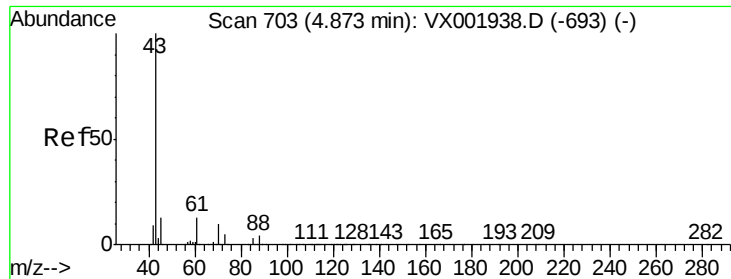
MMDadoda
 6/1/2018 6:37:09 PM



#36
 1,1-Dichloropropene
 Concen: 16.765 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70812		
110	35.7	17.4	52.2	
77	30.8	24.4	36.6	





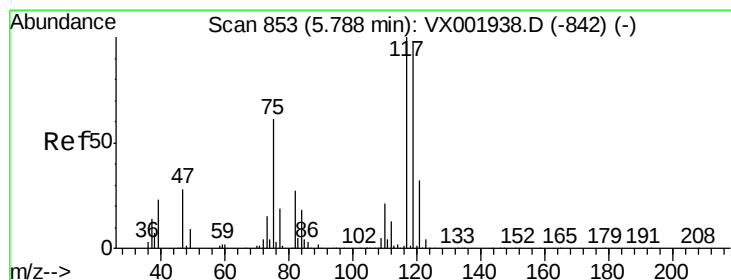
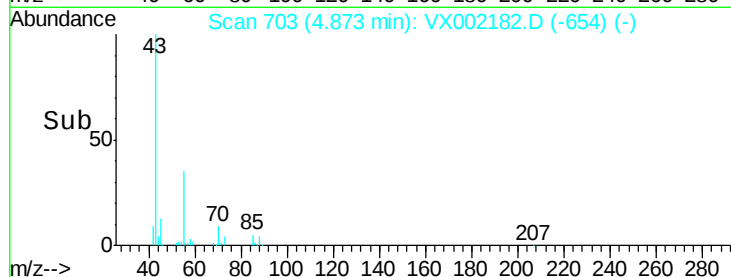
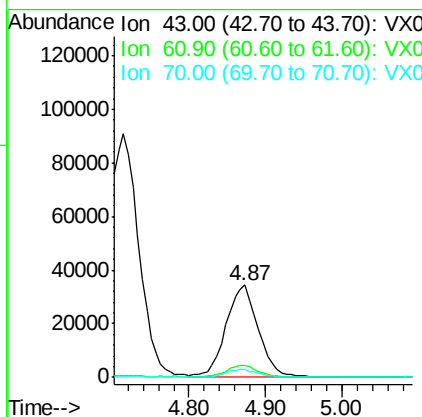
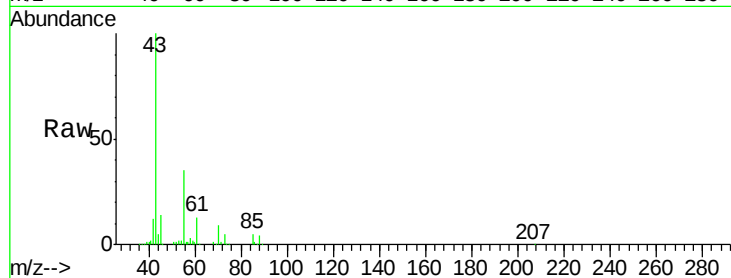
#37
Ethyl Acetate
Concen: 17.993 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.2	15.2
70	9.4	7.8	11.8

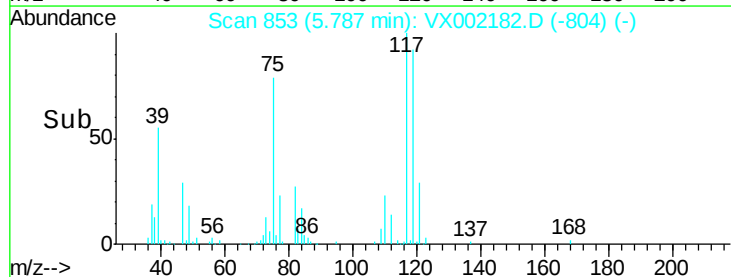
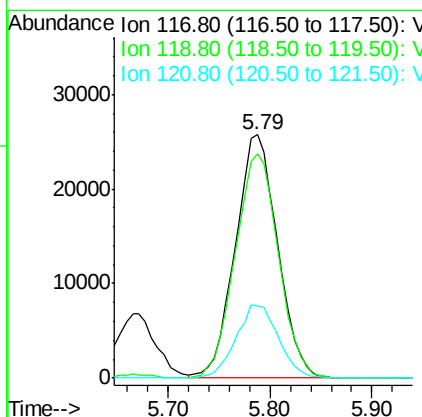
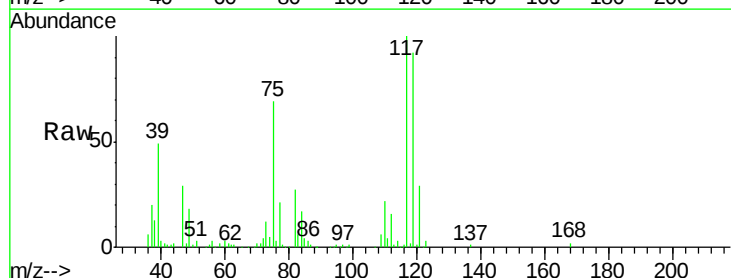
Manual Integrations
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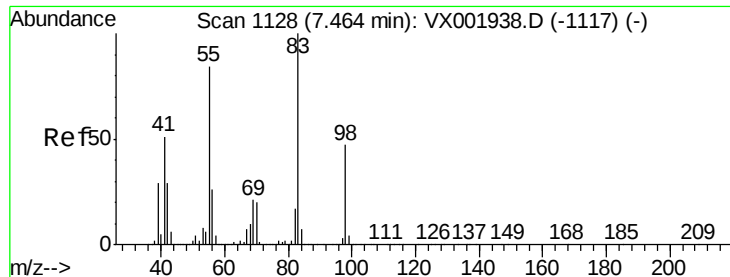
MMDadoda
6/1/2018 6:37:09 PM



#38
Carbon Tetrachloride
Concen: 15.054 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	78.5	117.7
121	29.5	25.5	38.3





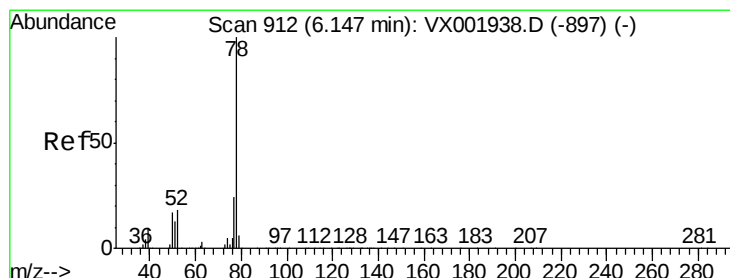
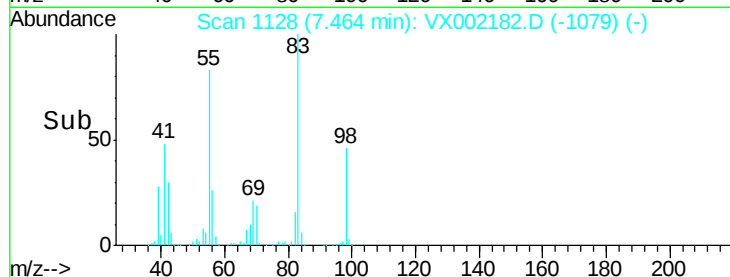
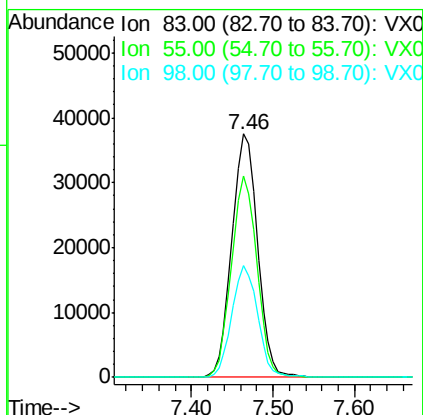
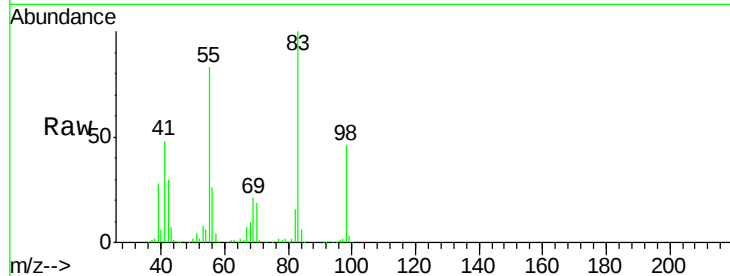
#39
Methvlcvclohexane
Concen: 15.824 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.4	67.3	100.9
98	45.8	37.5	56.3

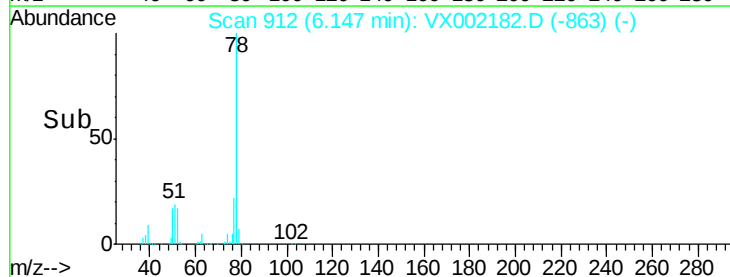
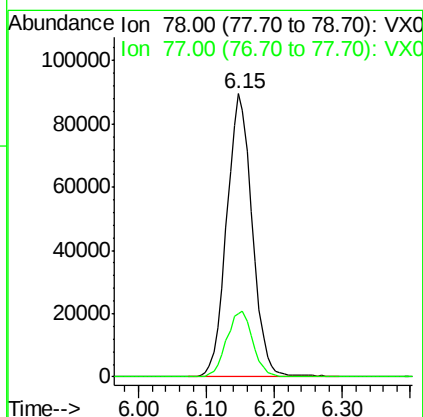
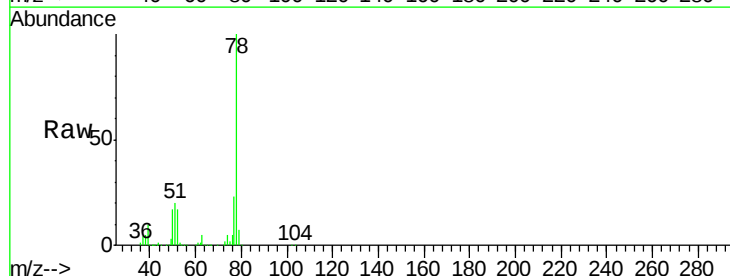
Manual Integrations
APPROVED

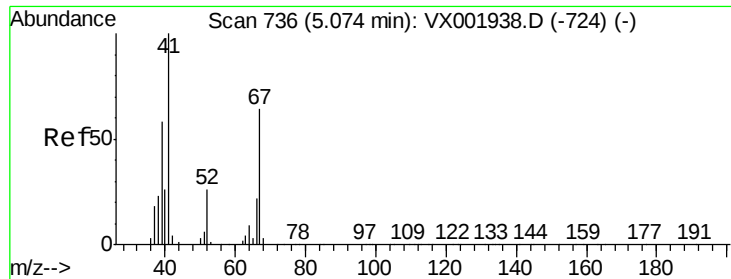
MMDadoda
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#40
Benzene
Concen: 18.770 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.1	28.7





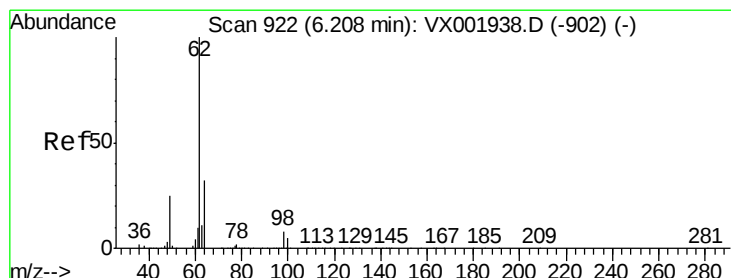
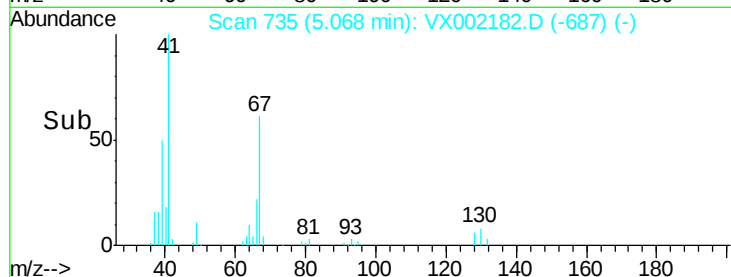
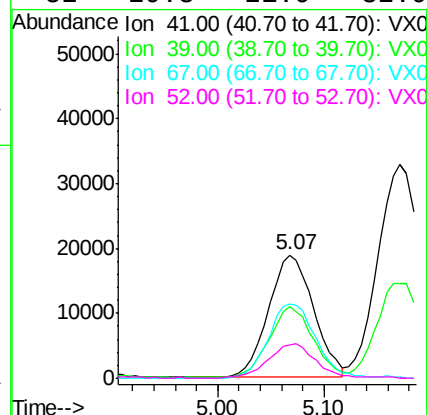
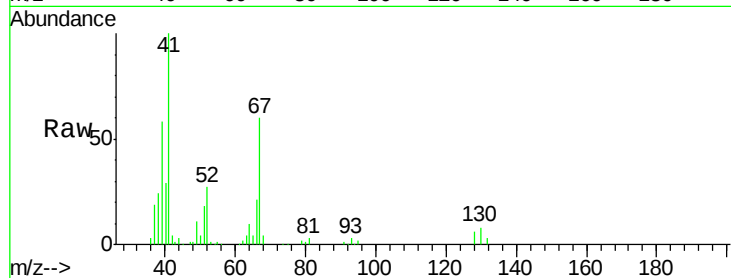
#41
Methacrylonitrile
Concen: 18.314 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		55725		
39	56.3	46.0	69.0		
67	63.6	50.6	75.8		
52	29.8	21.9	32.9		

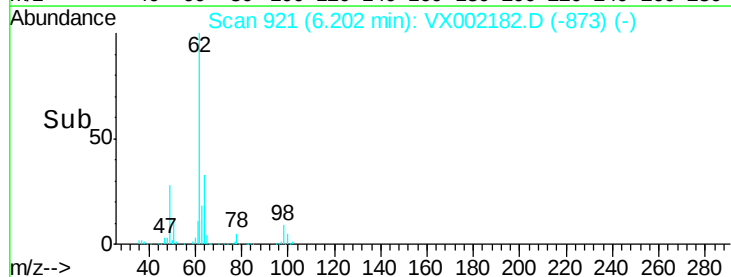
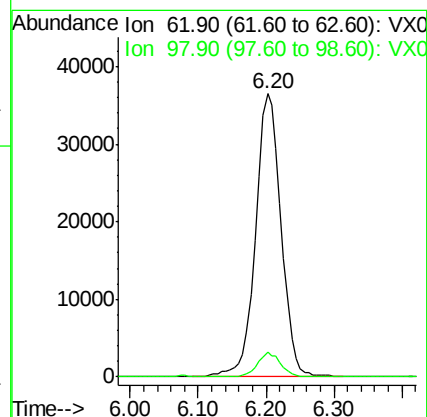
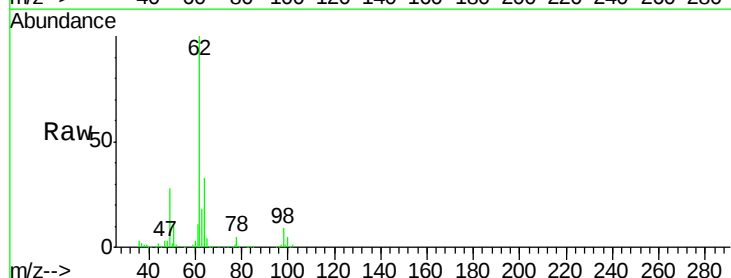
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 19.300 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		95400		
98	7.9	0.0	17.0		





#43

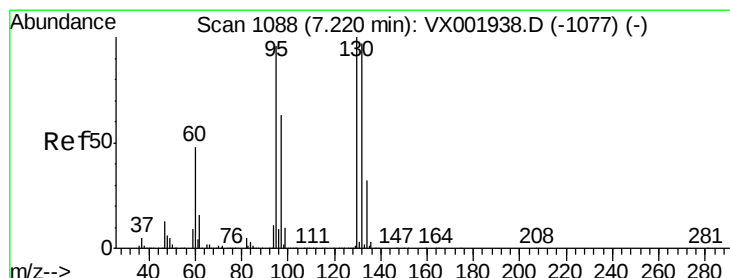
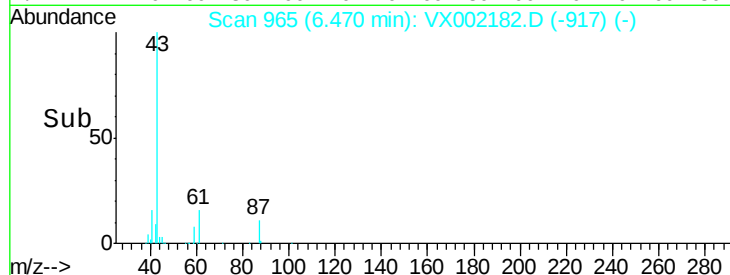
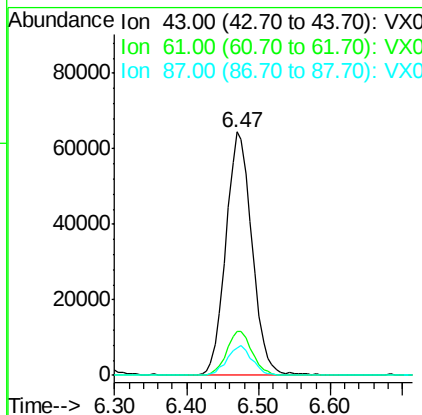
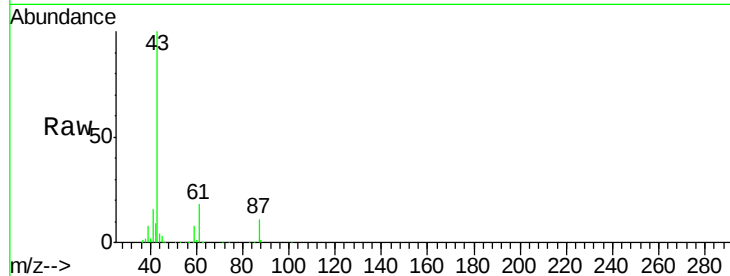
Isopropyl Acetate
 Concen: 17.647 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.5	21.7
87	11.7	9.5	14.3

Manual Integrations
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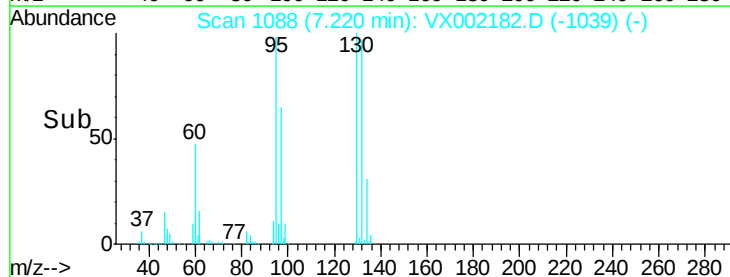
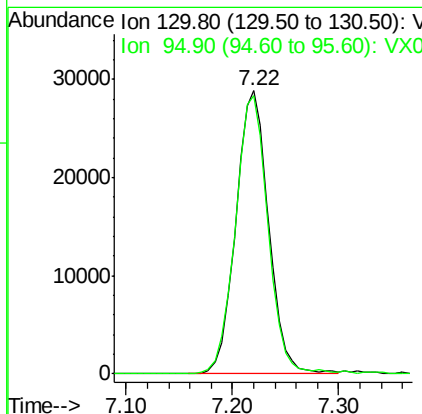
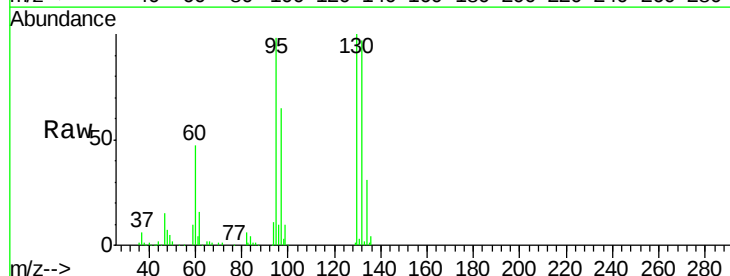
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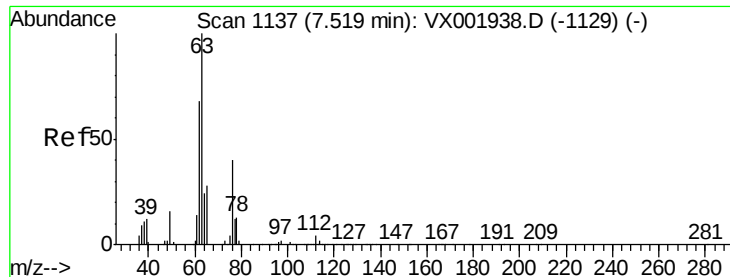


#44

Trichloroethene
 Concen: 17.280 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	192.0





#45

1,2-Dichloropropane

Concen: 18.944 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 63 Resp: 63664

Ion Ratio Lower Upper

63 100

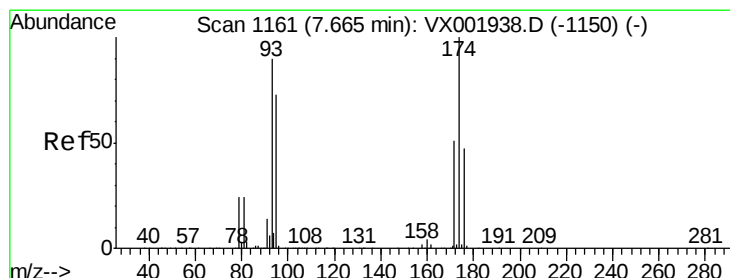
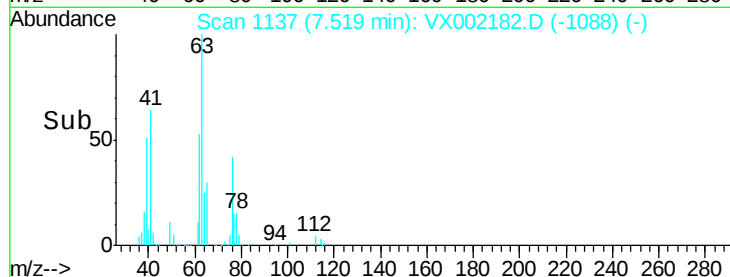
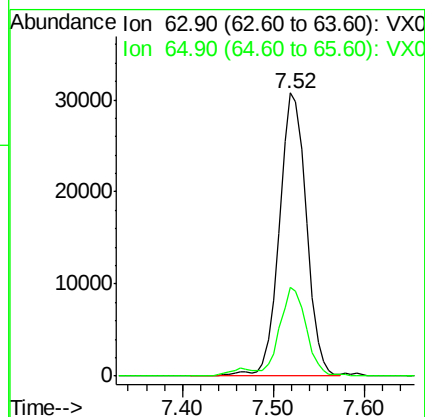
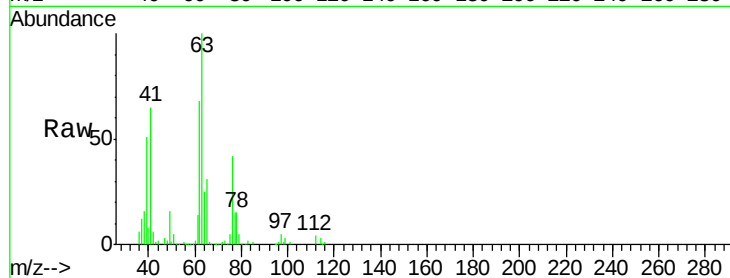
65 31.3 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 18.779 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

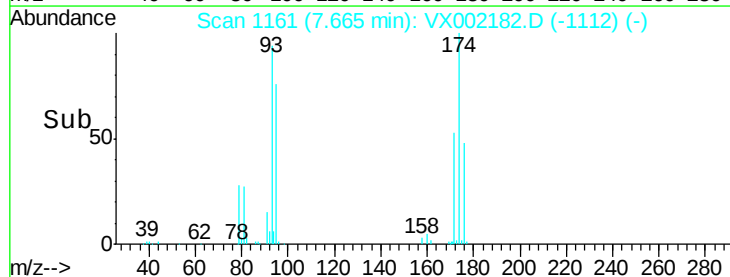
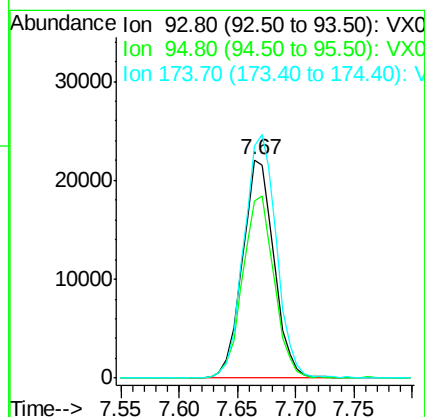
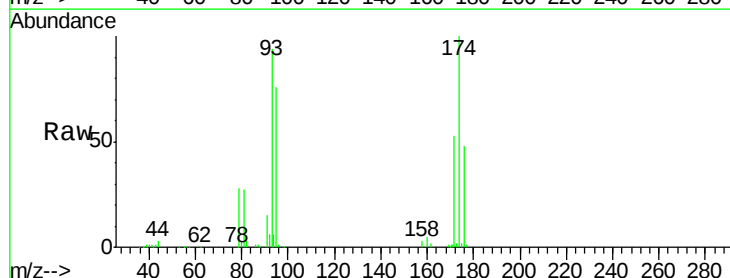
Tgt Ion: 93 Resp: 41784

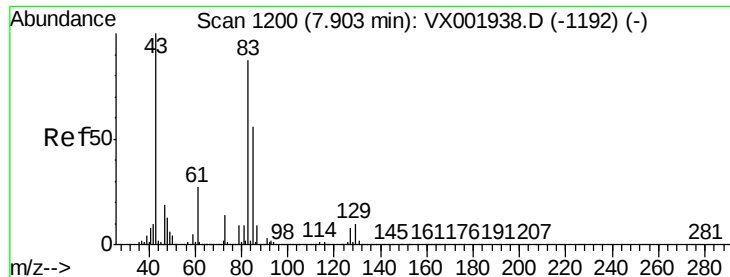
Ion Ratio Lower Upper

93 100

95 83.8 66.1 99.1

174 114.9 92.5 138.7





#47

Bromodichloromethane

Concen: 15.955 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

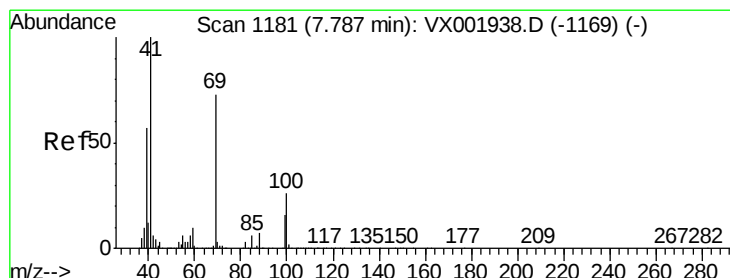
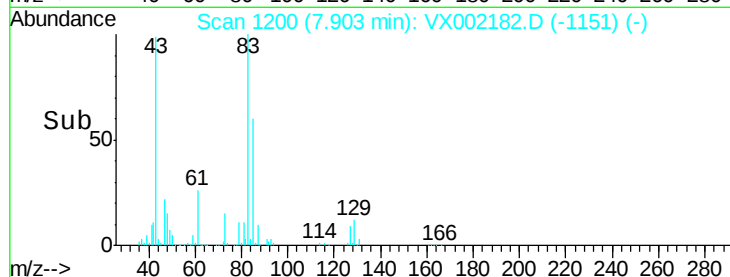
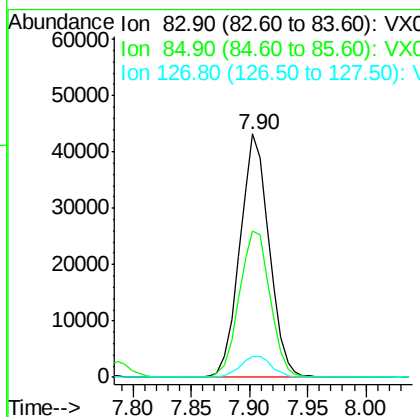
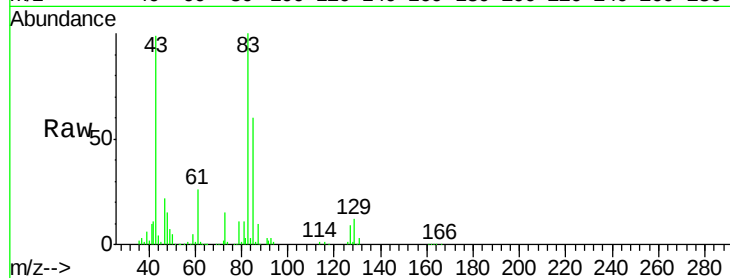
ClientSampleId :

VX0531WBS02

Tot Ion:	83	Resp:	75693
Ion	Ratio	Lower	Upper
83	100		
85	59.8	51.4	77.2
127	8.6	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.895 ug/l

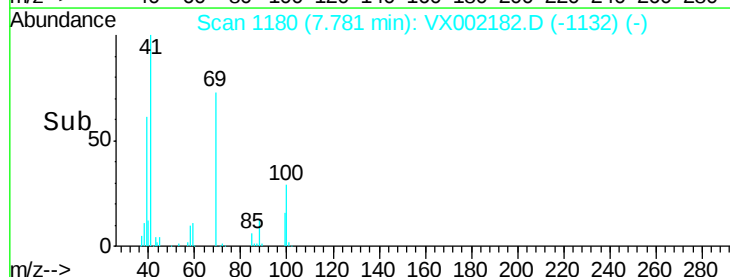
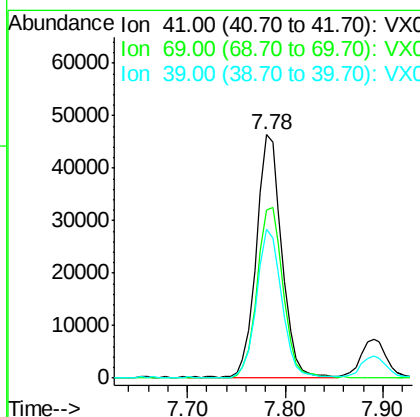
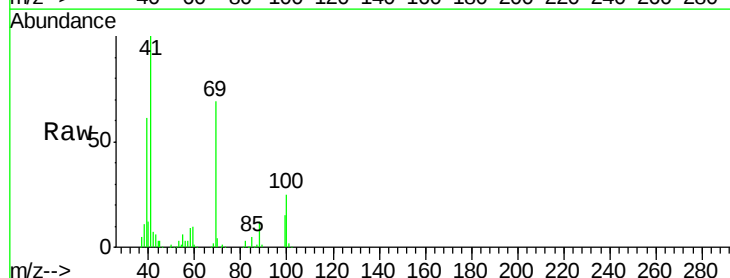
RT: 7.78 min Scan# 1180

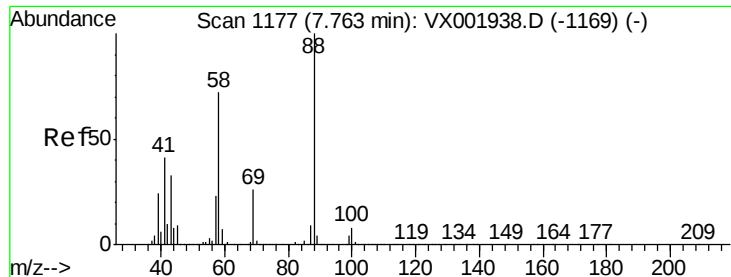
Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion:	41	Resp:	83567
Ion	Ratio	Lower	Upper
41	100		
69	72.8	58.6	87.8
39	60.6	46.3	69.5





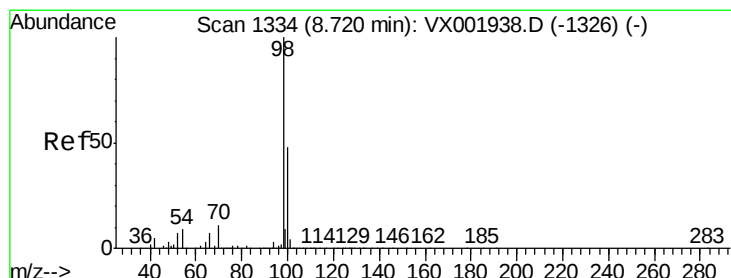
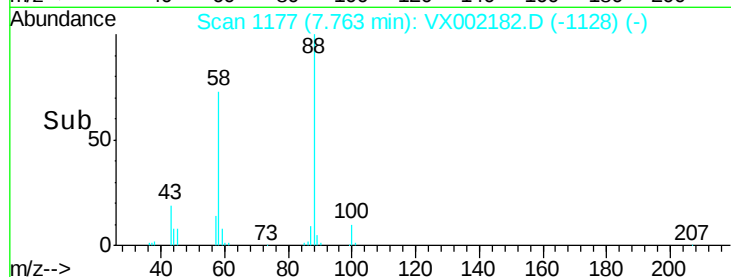
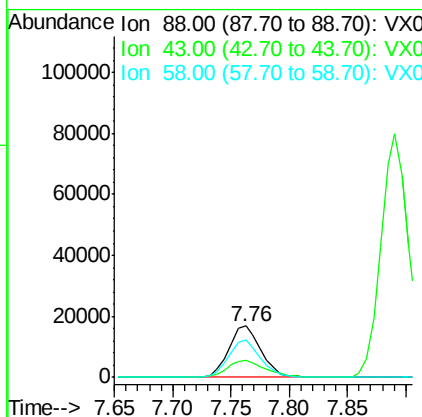
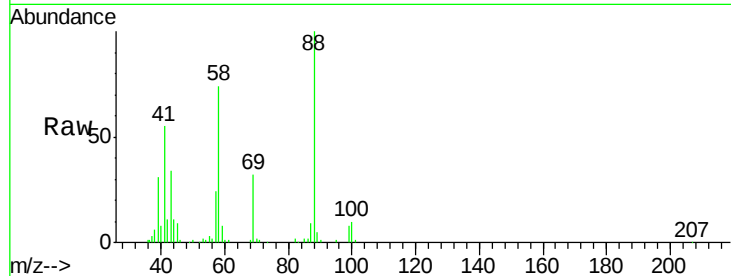
#49
1,4-Dioxane
Concen: 395.179 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.5	29.8	44.8
58	73.0	58.7	88.1

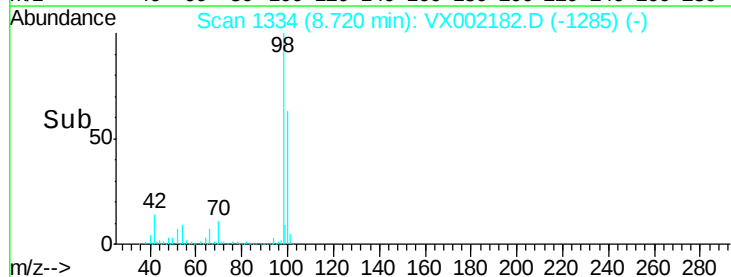
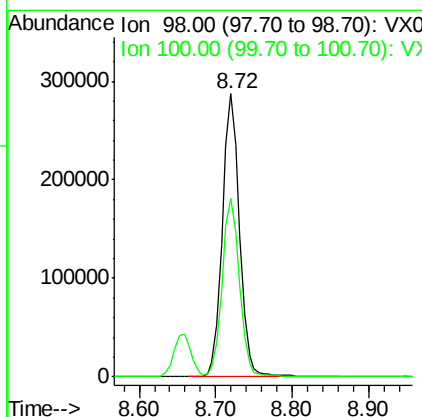
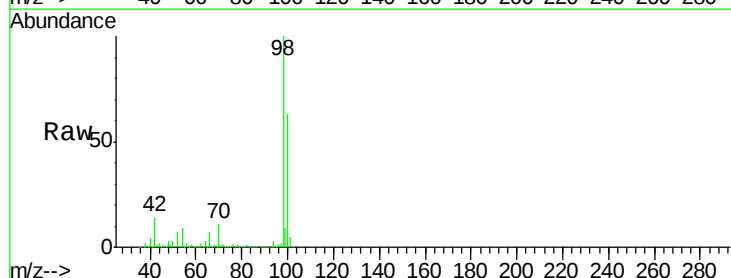
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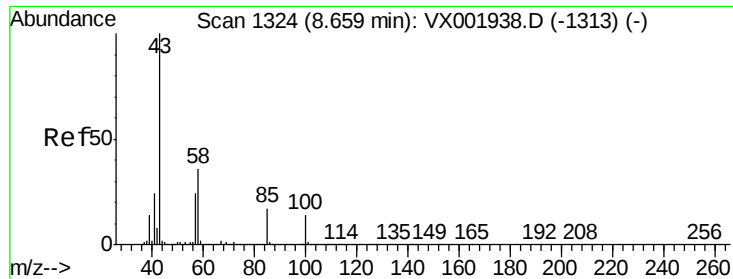
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#50
Toluene-d8
Concen: 40.497 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 96.309 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 43 Resp: 532689

Ion Ratio Lower Upper

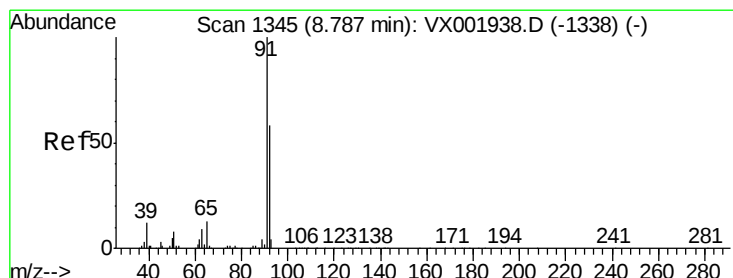
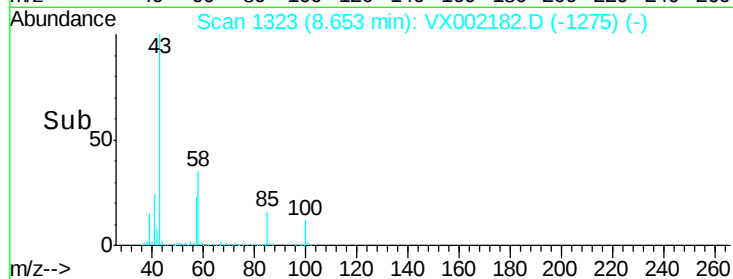
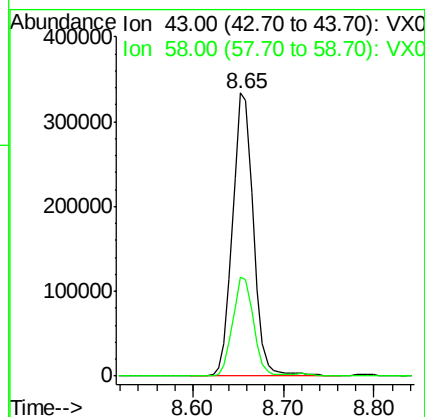
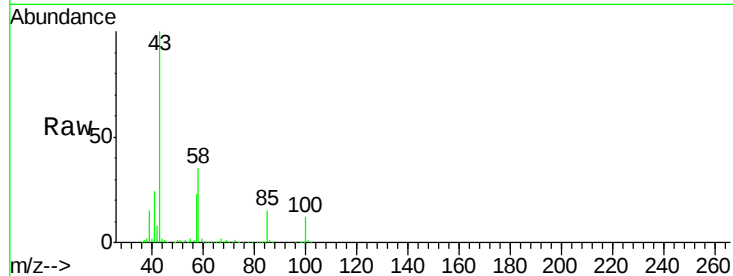
43 100

58 34.8 28.5 42.7

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#52

Toluene

Concen: 18.981 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002182.D

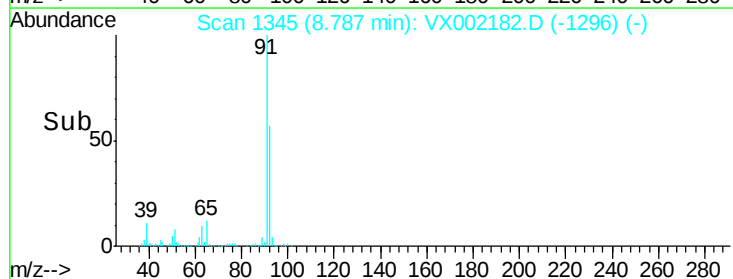
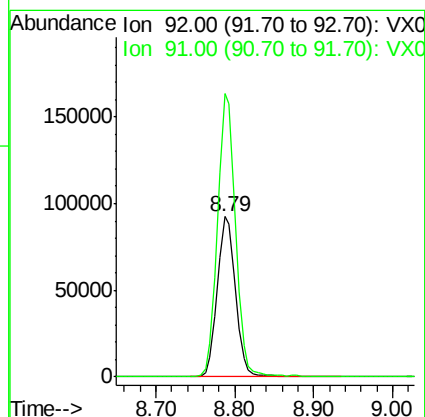
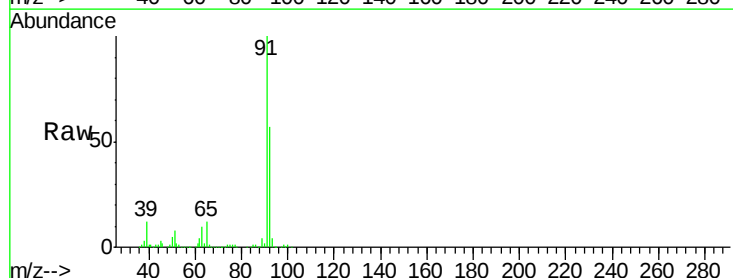
Acq: 31 May 2018 17:27

Tgt Ion: 92 Resp: 149483

Ion Ratio Lower Upper

92 100

91 175.1 139.4 209.2





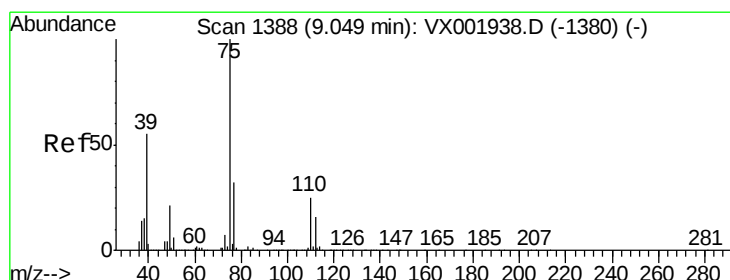
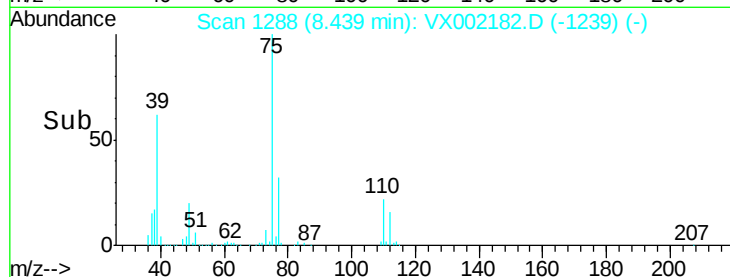
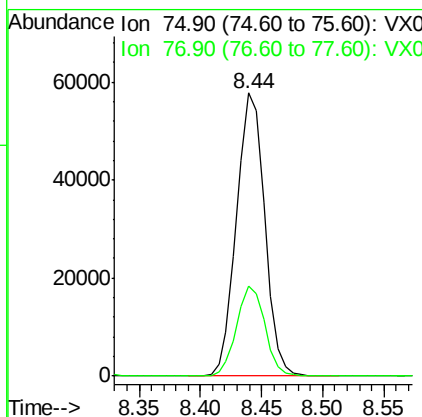
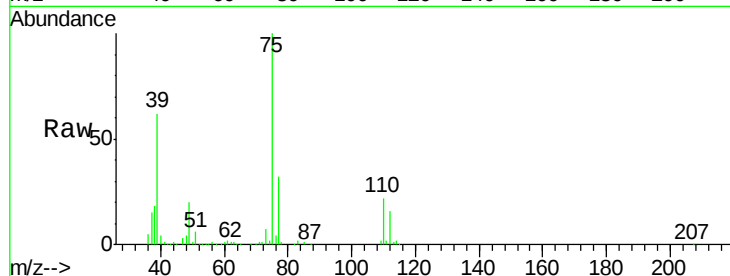
#53
t-1,3-Dichloropropene
Concen: 16.903 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.5	38.3

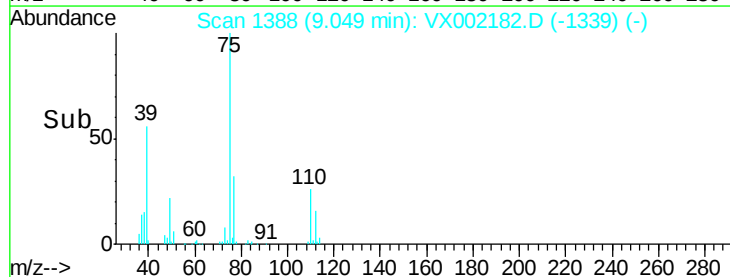
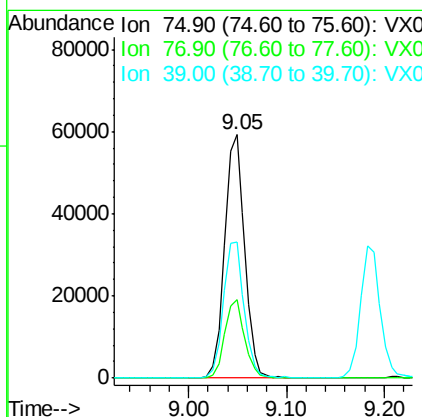
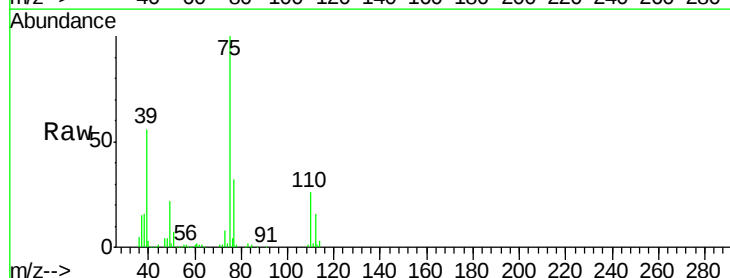
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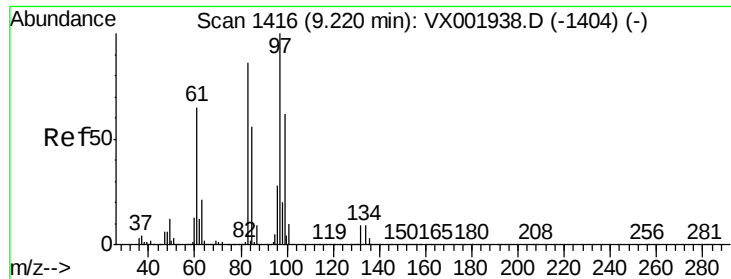
MMDadoda
6/1/2018 6:37:09 PM



#54
cis-1,3-Dichloropropene
Concen: 15.751 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0
39	55.9	44.1	66.1





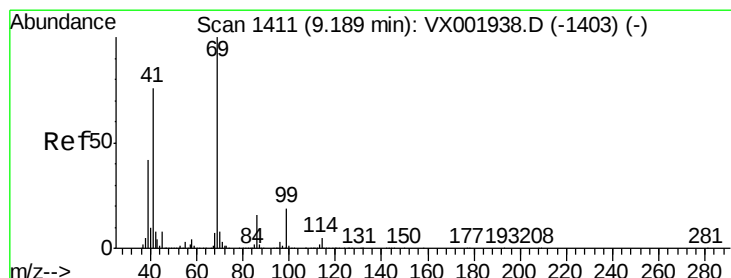
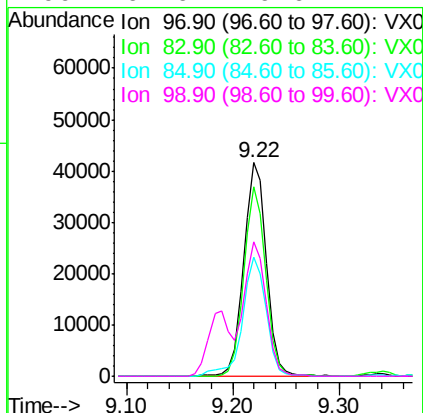
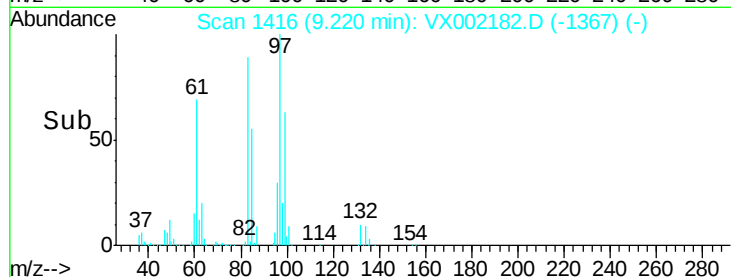
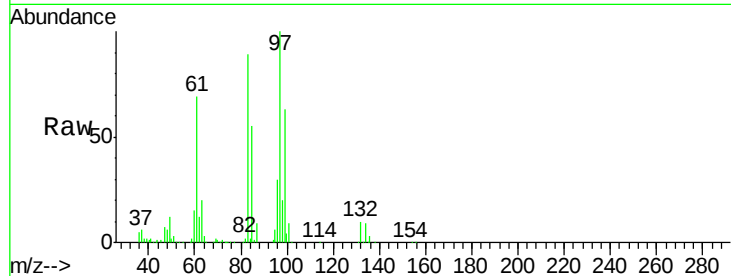
#55
 1,1,2-Trichloroethane
 Concen: 18.966 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS02

Tot Ion:	97	Resp:	62397
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.1	103.7
85	55.5	45.2	67.8
99	62.6	49.6	74.4

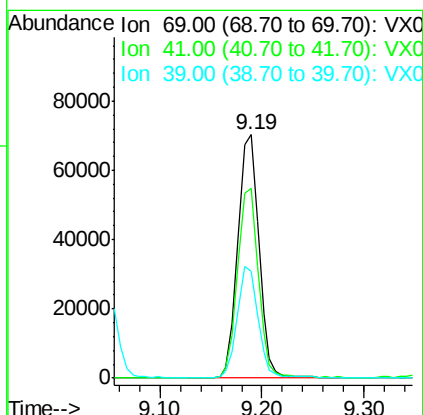
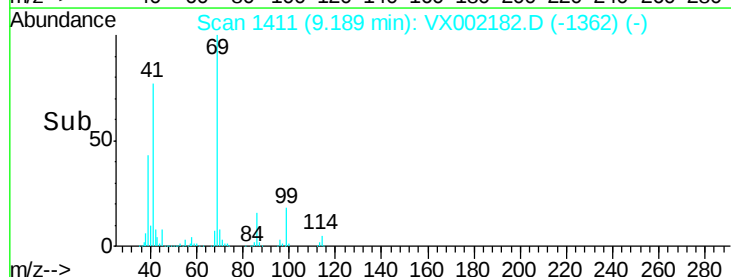
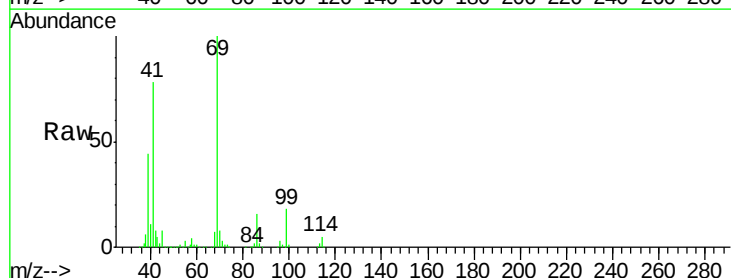
Manual Integrations
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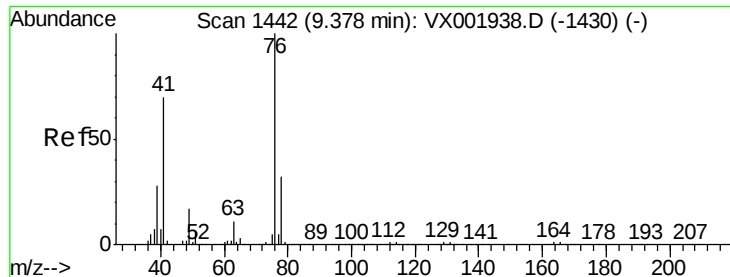
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#56
 Ethyl methacrylate
 Concen: 17.719 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion:	69	Resp:	100270
Ion	Ratio	Lower	Upper
69	100		
41	76.9	61.0	91.6
39	44.7	34.4	51.6





#57

1,3-Dichloropropane

Concen: 19.445 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 76 Resp: 105387

Ion Ratio Lower Upper

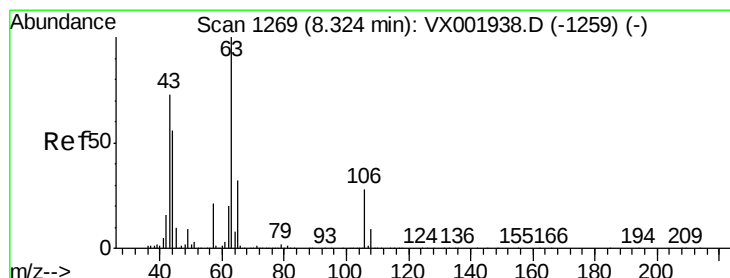
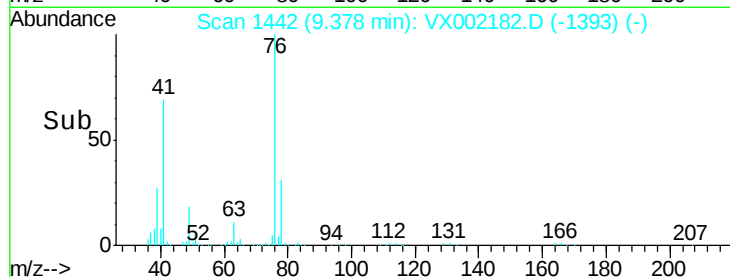
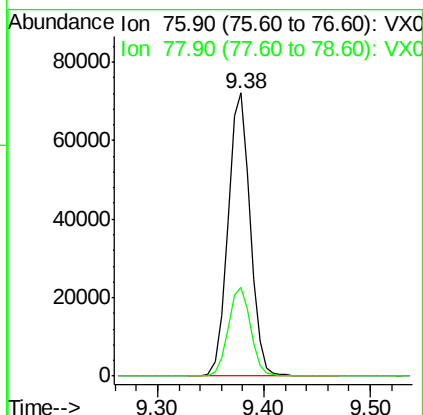
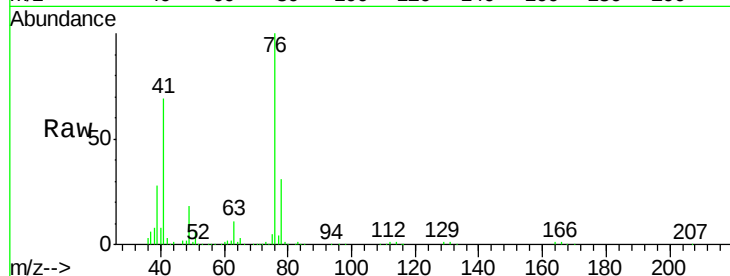
76 100

78 31.6 25.6 38.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 89.640 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002182.D

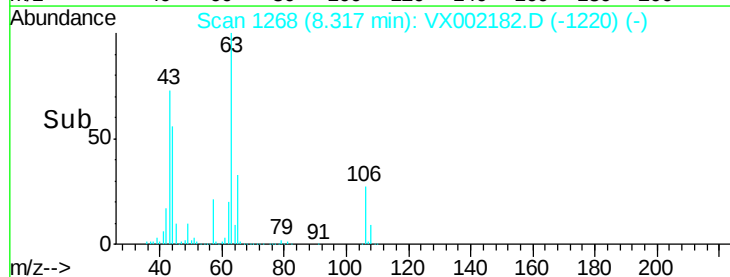
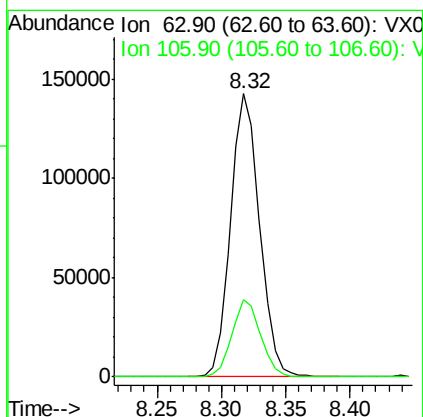
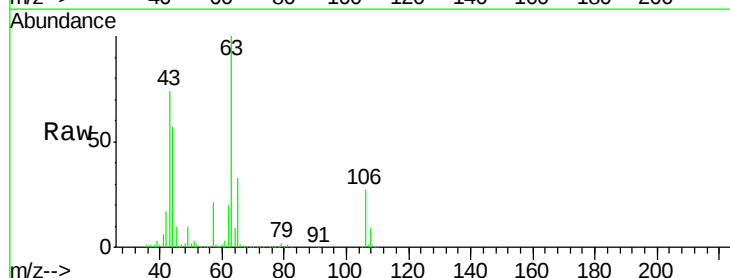
Acq: 31 May 2018 17:27

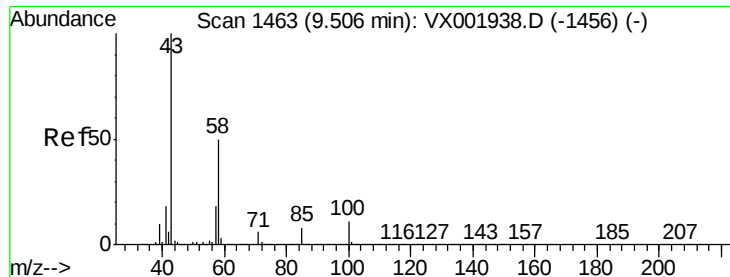
Tgt Ion: 63 Resp: 224827

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5





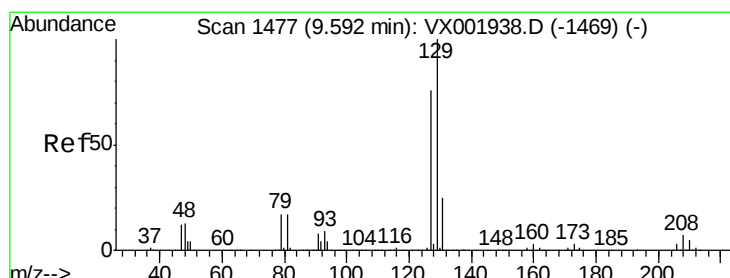
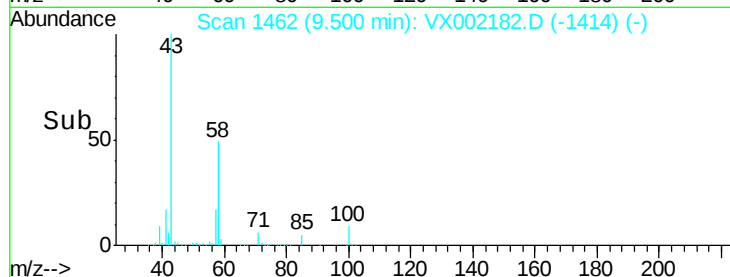
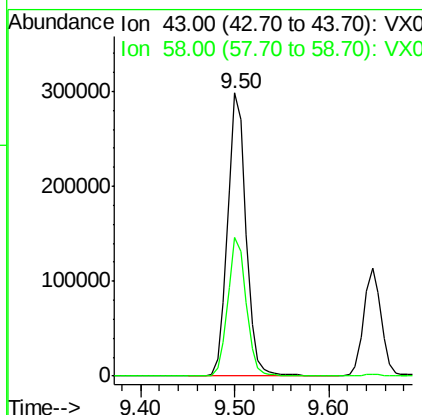
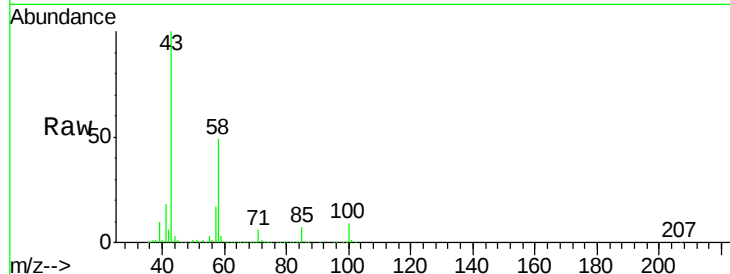
#59
2-Hexanone
Concen: 94.994 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.1	24.9	74.6

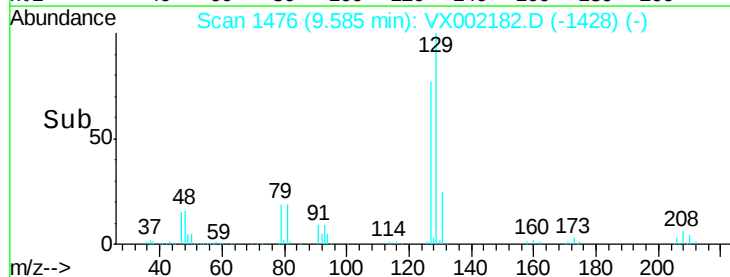
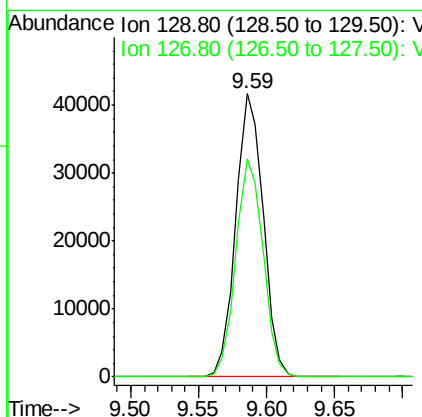
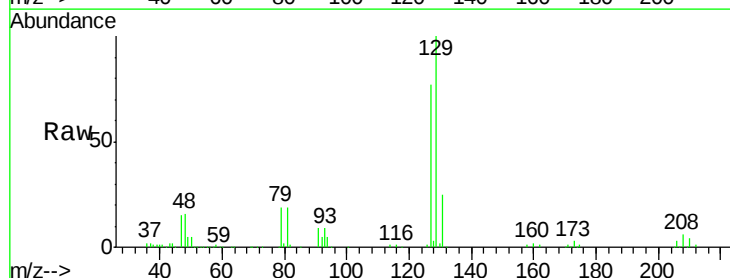
Manual Integrations
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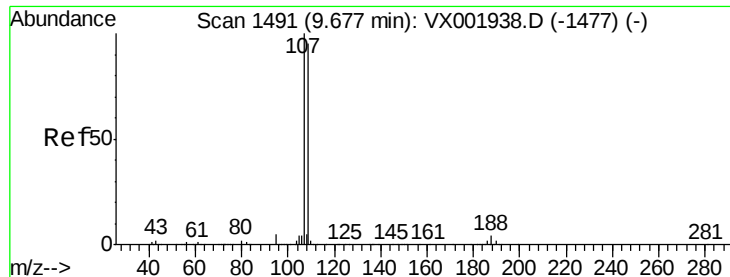
MMDadoda
6/1/2018 6:37:09 PM



#60
Dibromochloromethane
Concen: 15.053 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.3	114.9





#61

1,2-Dibromoethane

Concen: 18.291 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 107 Resp: 63141

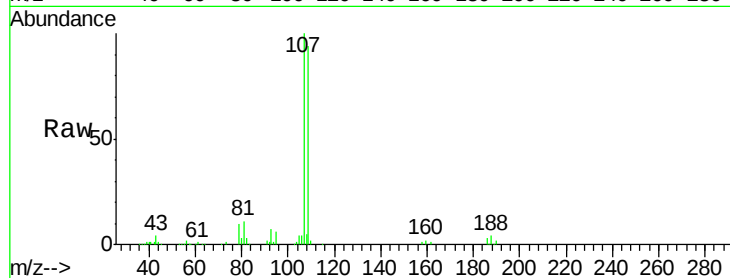
Ion Ratio Lower Upper

107 100

109 95.7 75.3 112.9

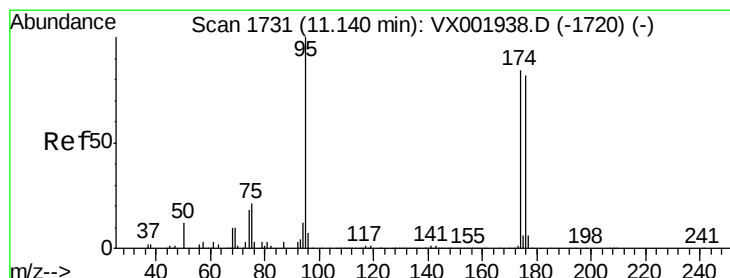
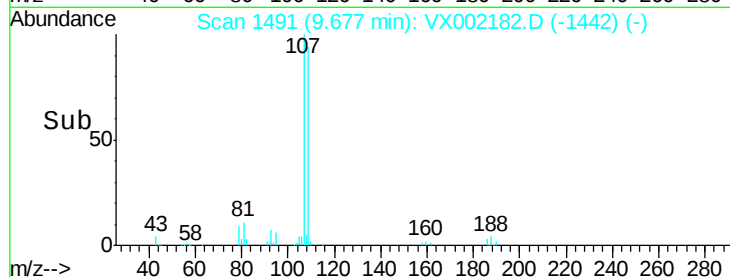
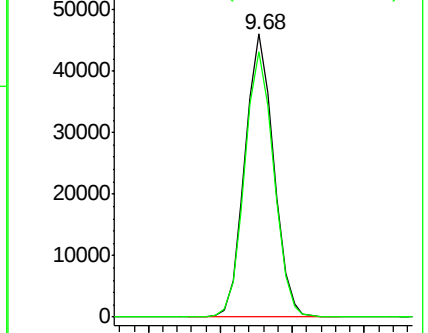
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.267 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

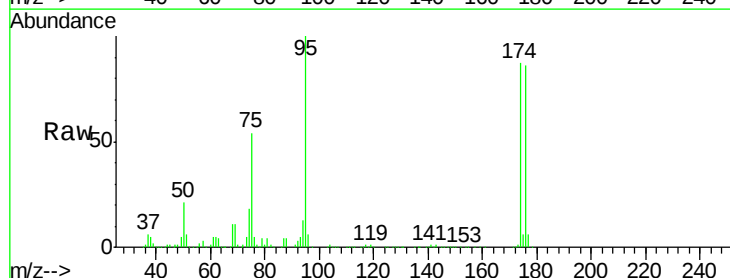
Tgt Ion: 95 Resp: 173206

Ion Ratio Lower Upper

95 100

174 92.3 0.0 178.8

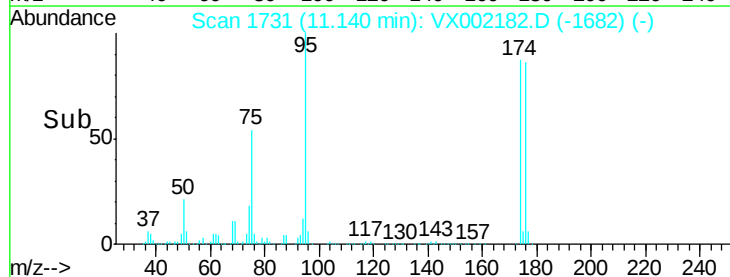
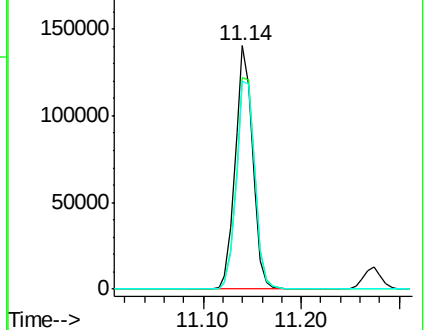
176 90.4 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





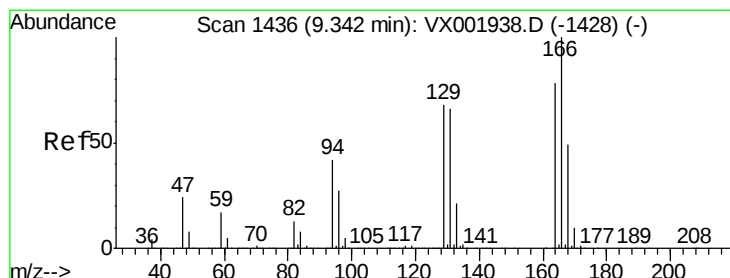
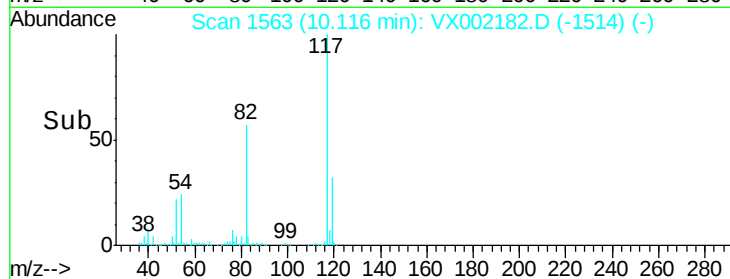
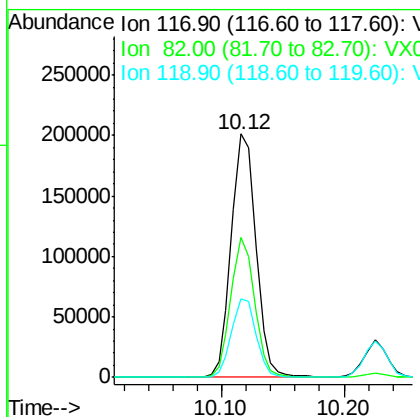
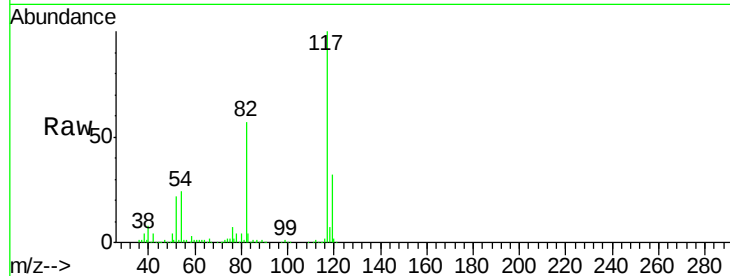
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.8	67.2
119	32.4	25.5	38.3

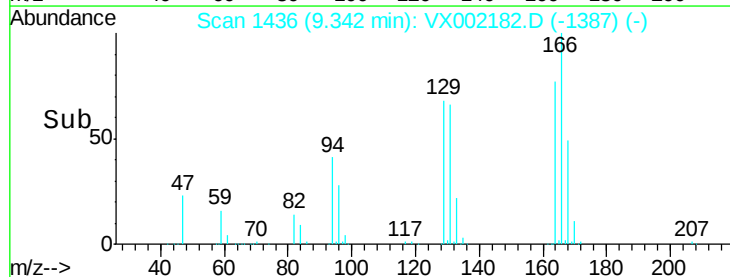
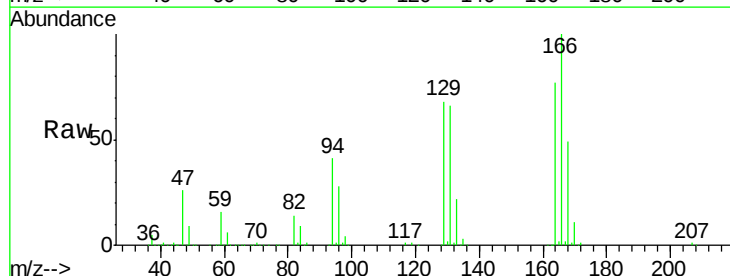
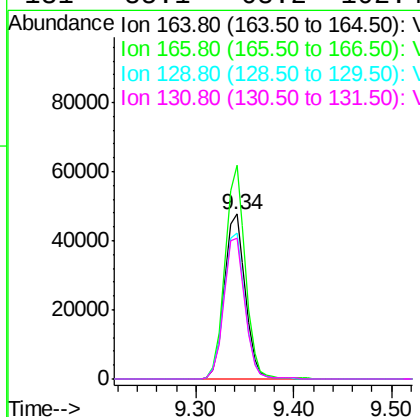
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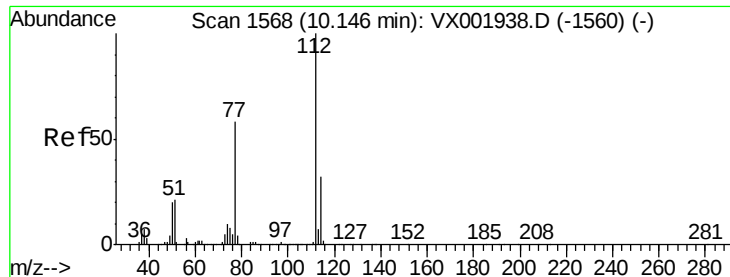
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#64
Tetrachloroethene
Concen: 17.562 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.7	154.1
129	88.2	70.3	105.5
131	85.1	68.2	102.4





#65

Chlorobenzene

Concen: 19.034 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion:112 Resp: 169771

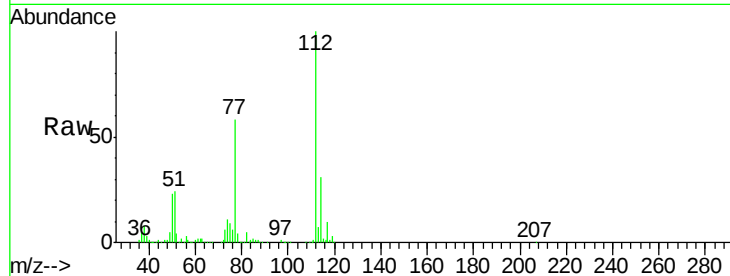
Ion Ratio Lower Upper

112 100

114 31.3 25.9 38.9

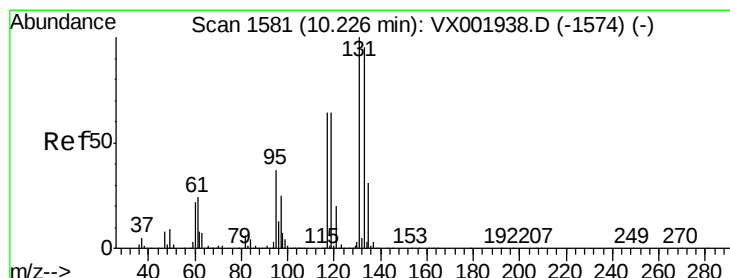
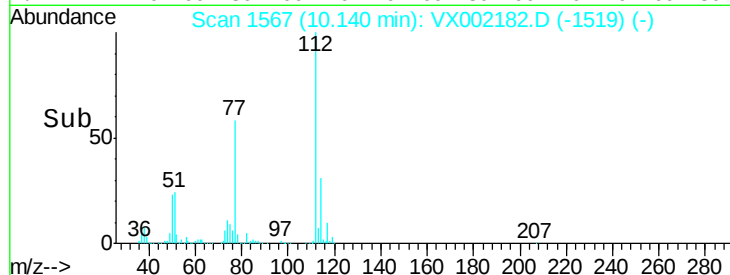
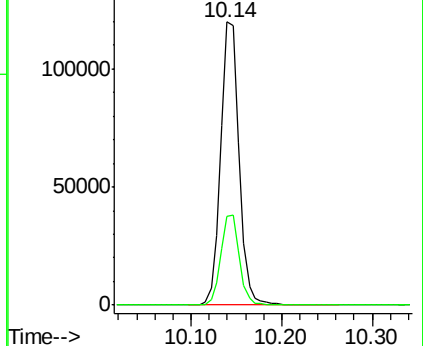
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.842 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

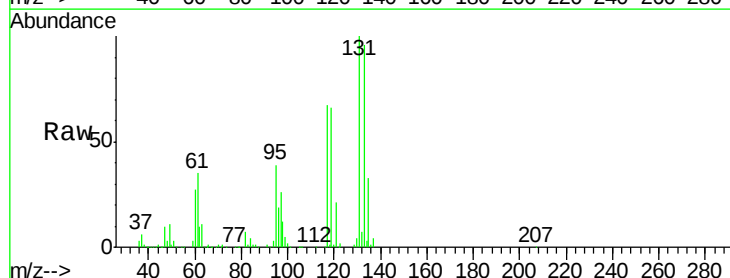
Tgt Ion:131 Resp: 60658

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.0

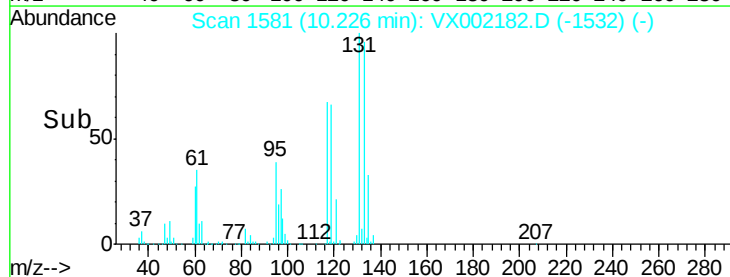
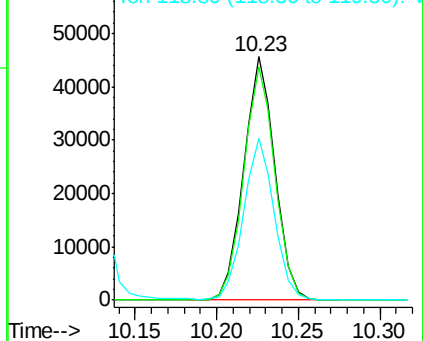
119 65.3 31.9 95.5

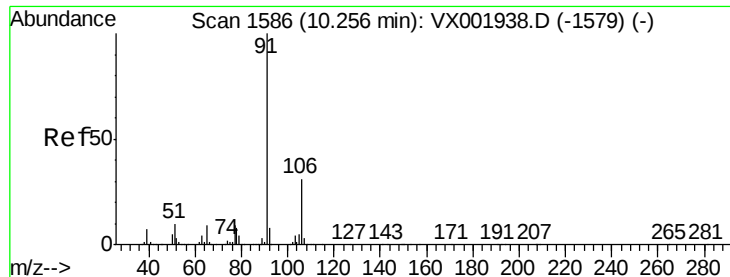


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.302 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 91 Resp: 283615

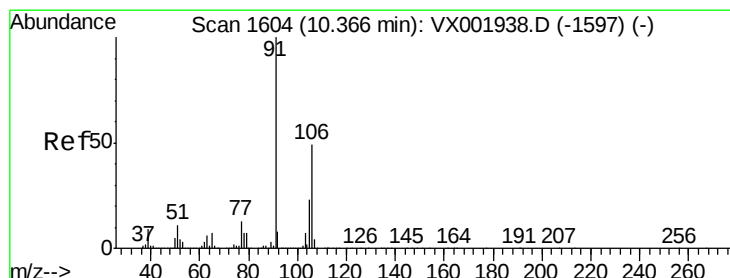
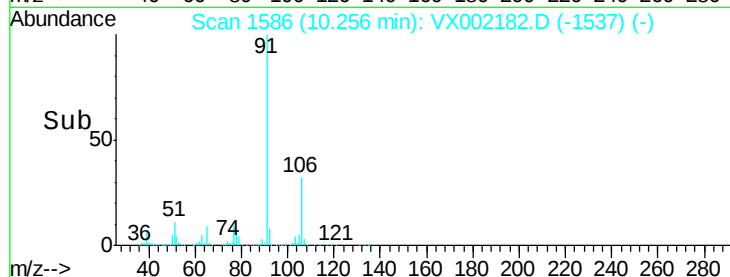
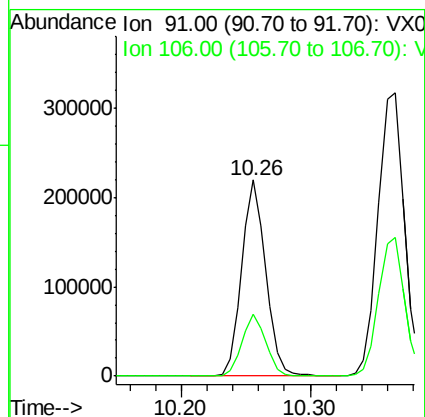
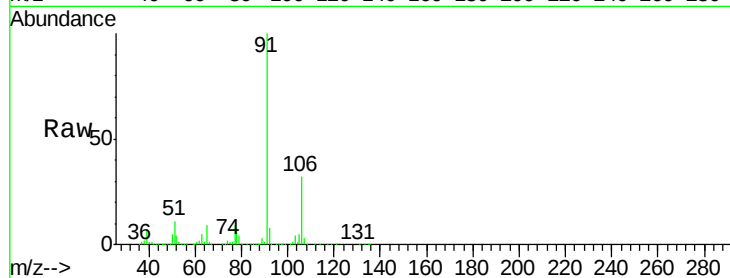
Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6

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#68

m/p-Xylenes

Concen: 36.724 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002182.D

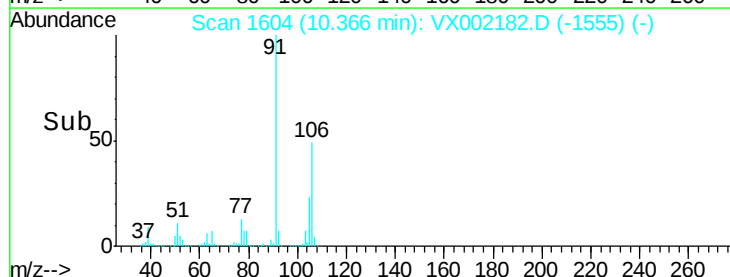
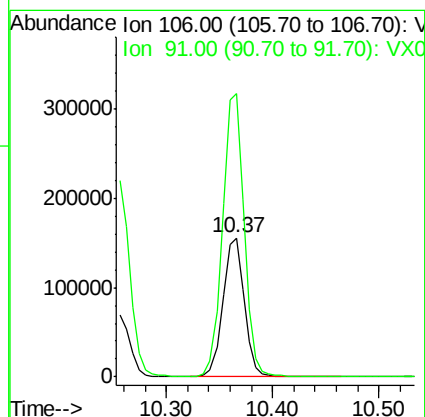
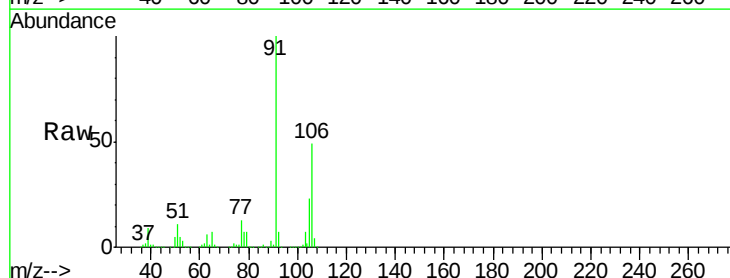
Acq: 31 May 2018 17:27

Tgt Ion: 106 Resp: 217550

Ion Ratio Lower Upper

106 100

91 206.5 165.0 247.6





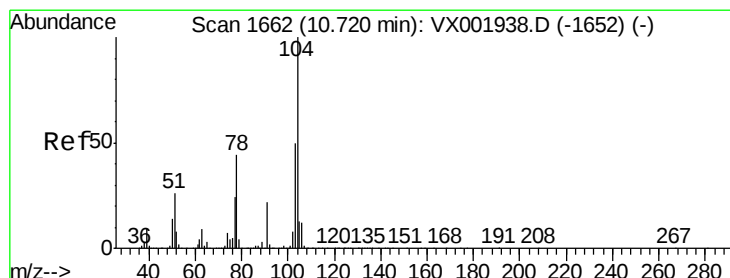
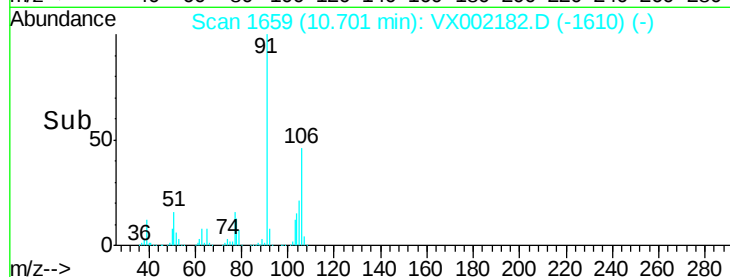
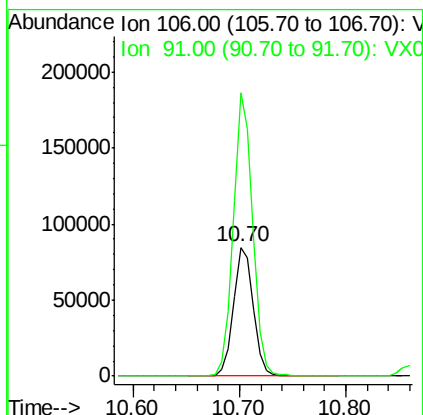
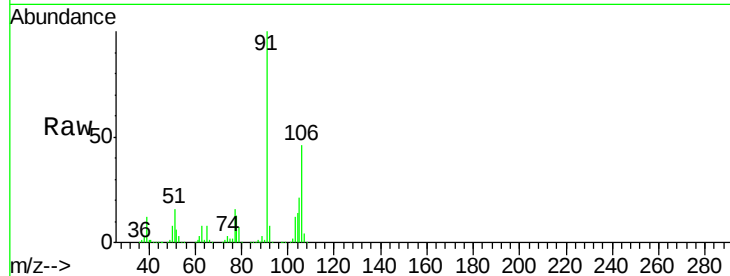
#69
o-Xylene
Concen: 18.660 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ion	Ratio	Lower	Upper
110371	106	100		
	91	215.5	108.7	325.9

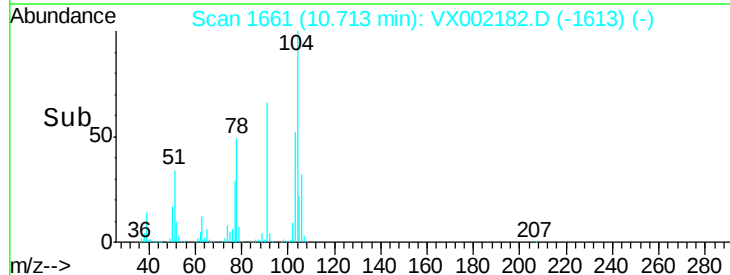
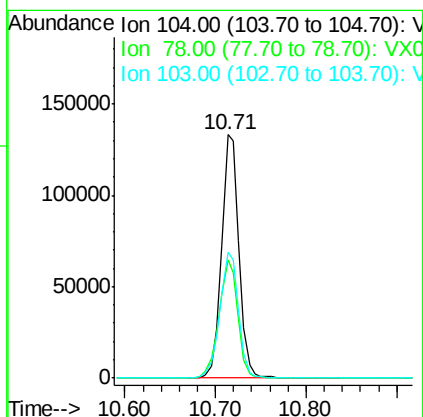
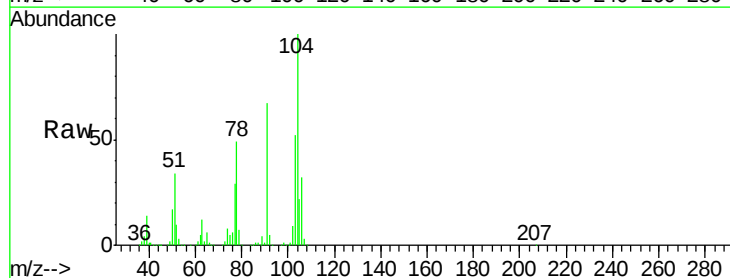
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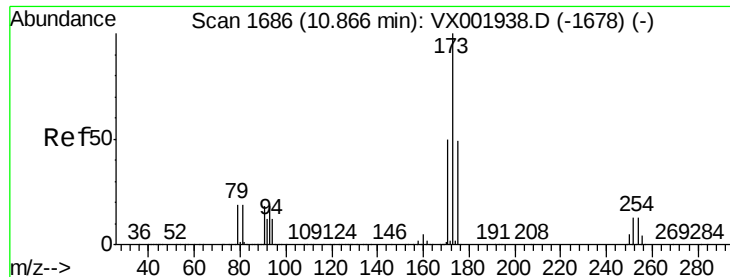
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#70
Styrene
Concen: 18.174 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
178276	104	100		
	78	52.8	41.8	62.6
	103	55.8	44.6	67.0





#71

Bromoform

Concen: 12.887 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

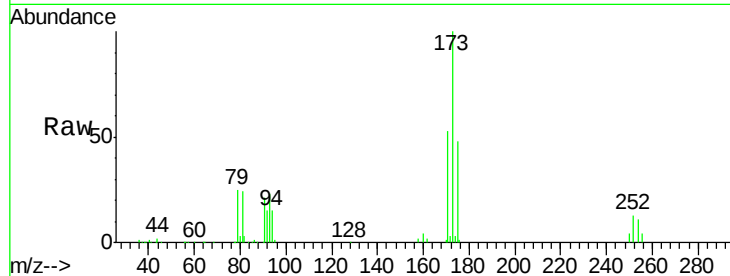
ClientSampleId :

VX0531WBS02

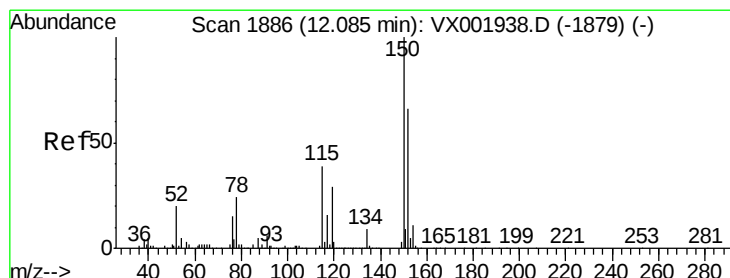
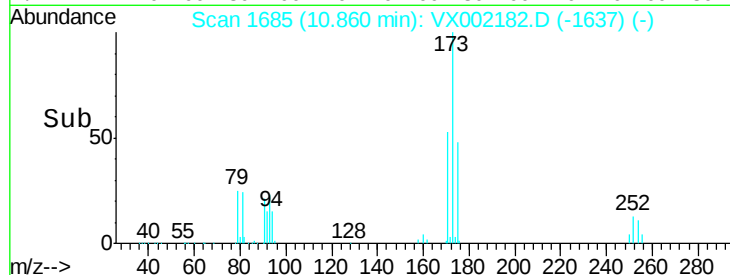
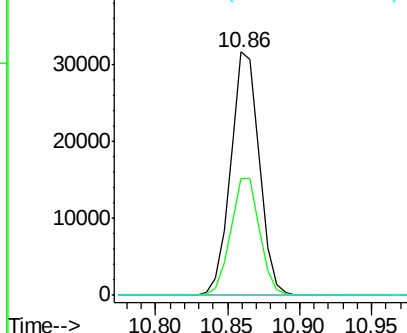
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.9
254	0.1	0.1	0.1

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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: 50.000 ug/l

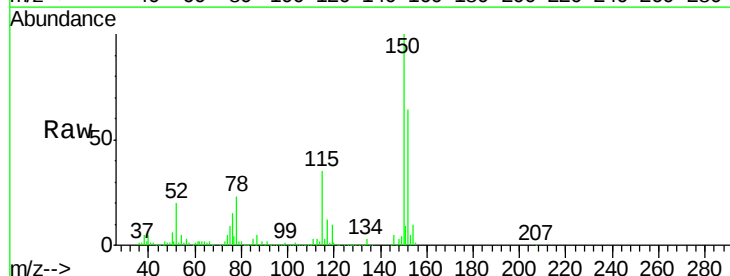
RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

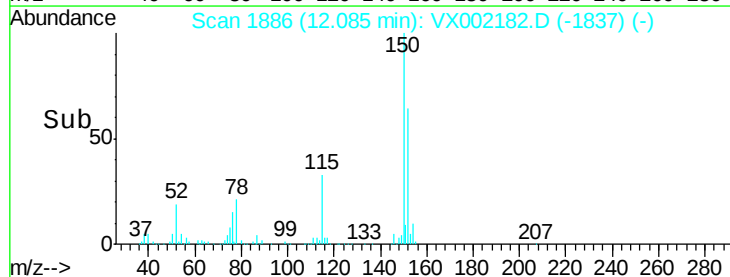
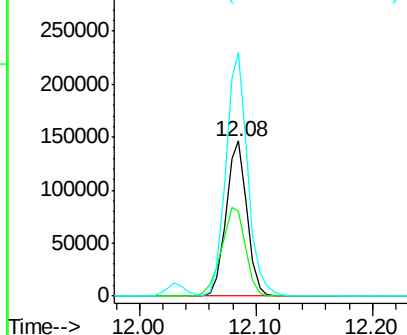
Lab File: VX002182.D

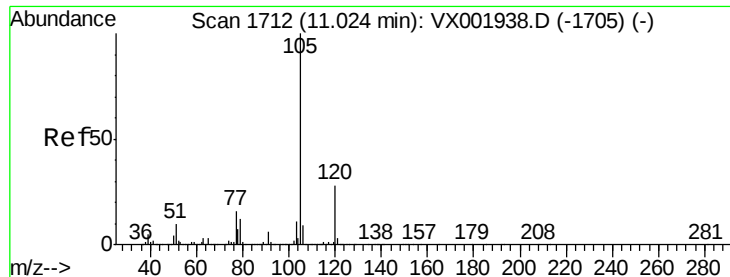
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.3	42.3	126.8
150	165.2	0.0	351.0



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: 18.753 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

VX0531WBS02

Tot Ion:105 Resp: 284963

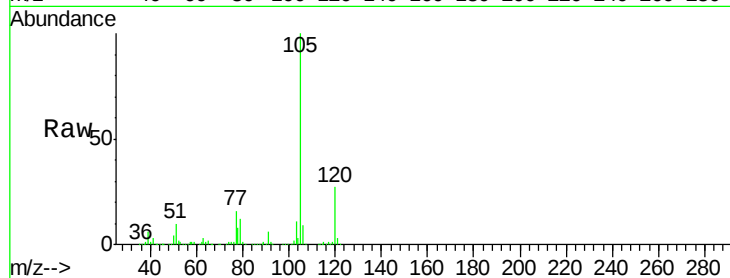
Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

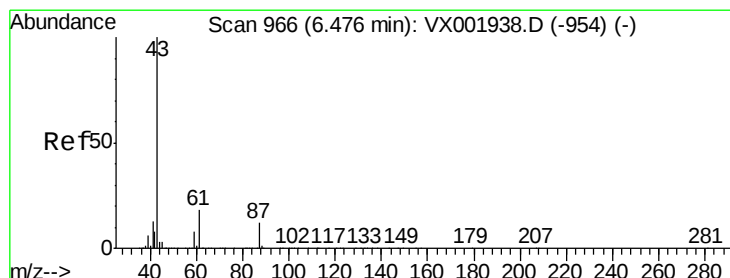
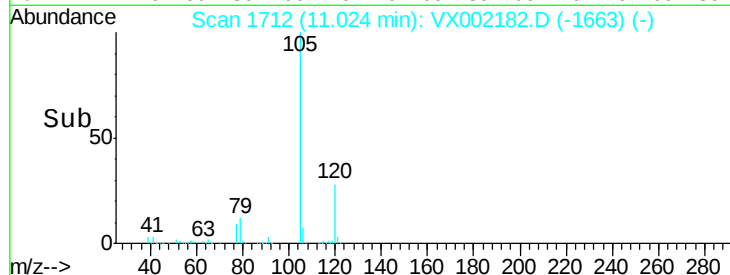
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 18.557 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion: 43 Resp: 161922

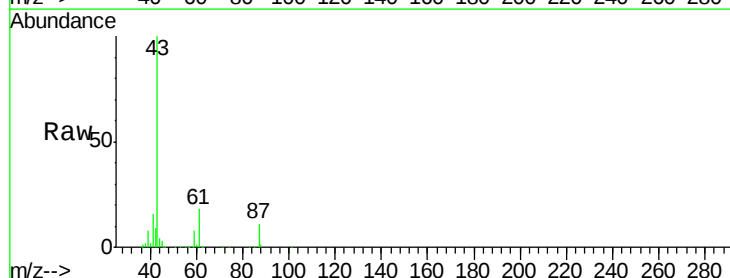
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 18.1 14.5 21.7



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

100000

80000

60000

40000

20000

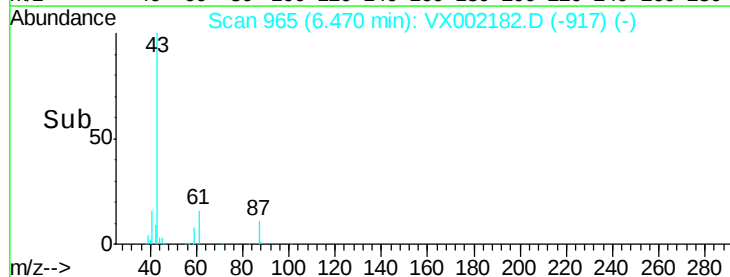
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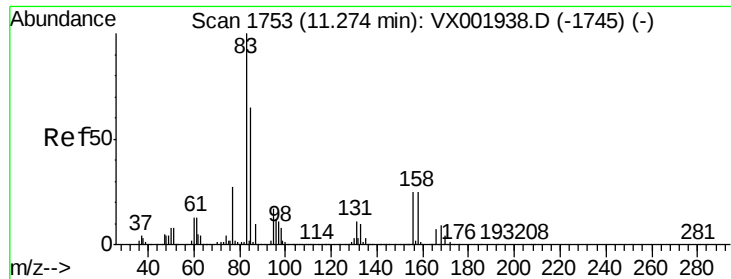
6.47

6.40

6.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.128 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

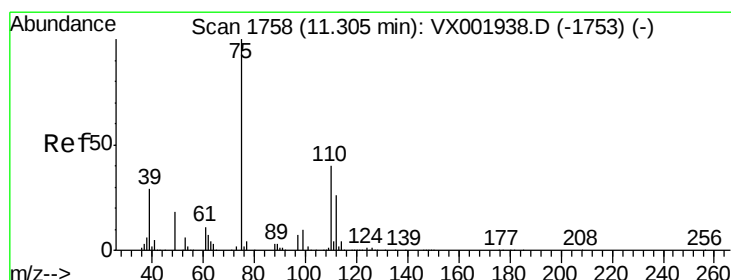
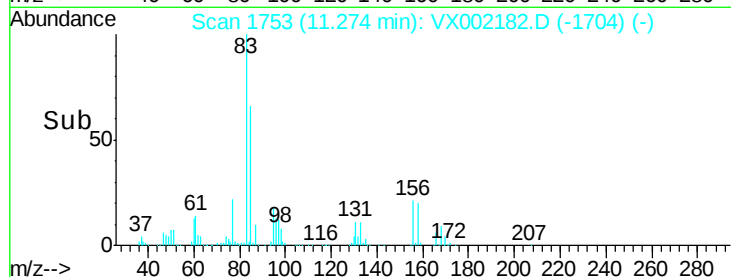
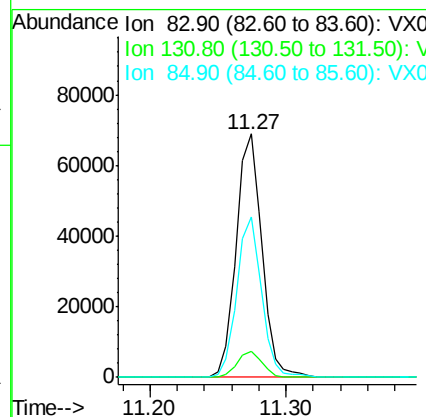
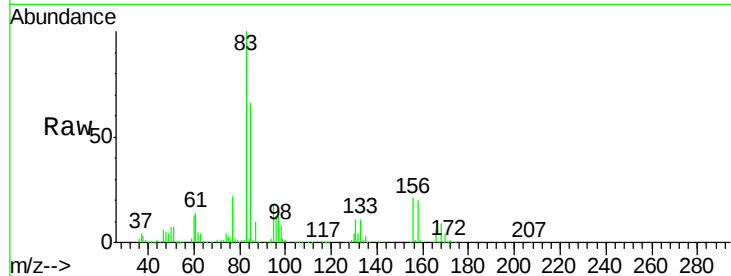
ClientSampled :

VX0531WBS02

Tot Ion:	83	Resp:	90849
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.7	17.0
85	63.9	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 21.451 ug/l m

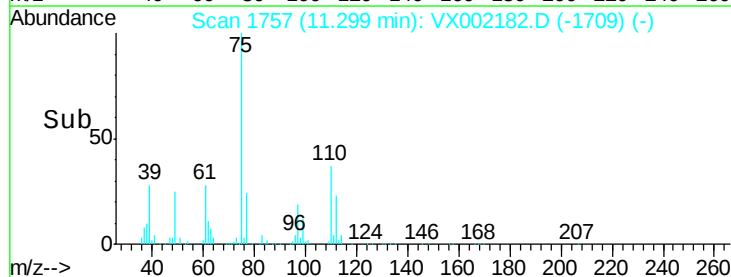
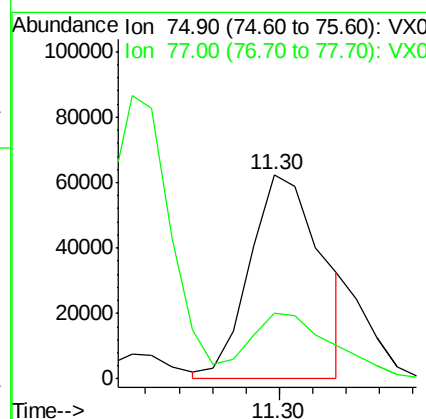
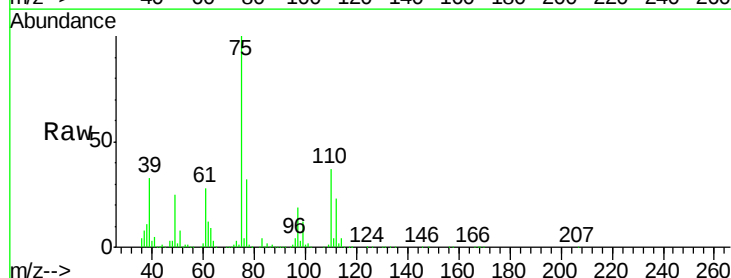
RT: 11.30 min Scan# 1757

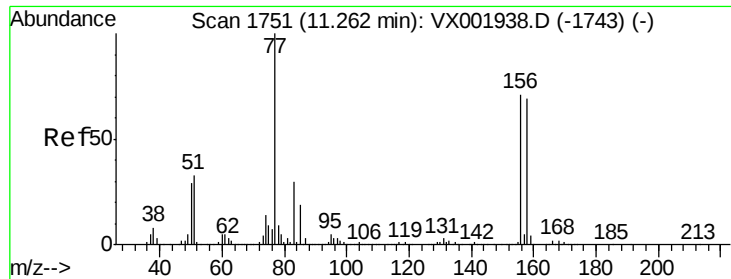
Delta R.T. -0.01 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion:	75	Resp:	92458
Ion Ratio	Lower	Upper	
75	100		
77	37.8	22.8	68.3





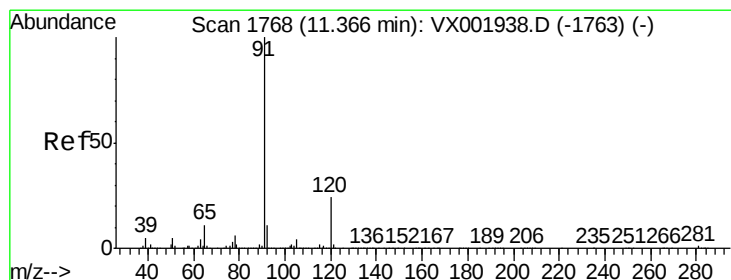
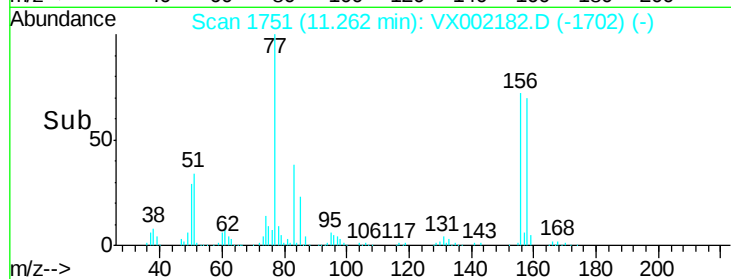
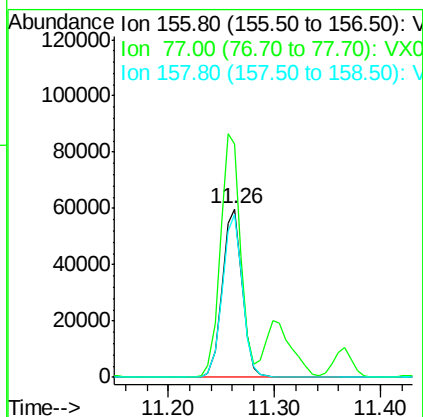
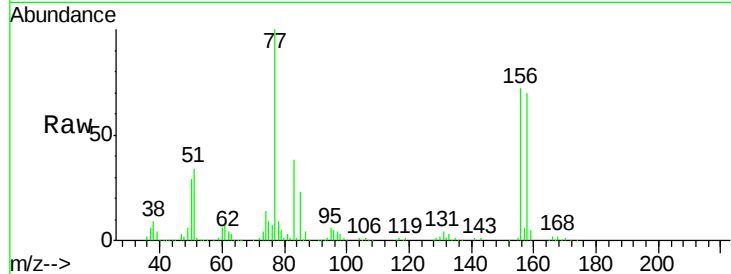
#77
Bromobenzene
Concen: 19.475 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	145.1	75.2	225.6
158	97.1	48.6	145.8

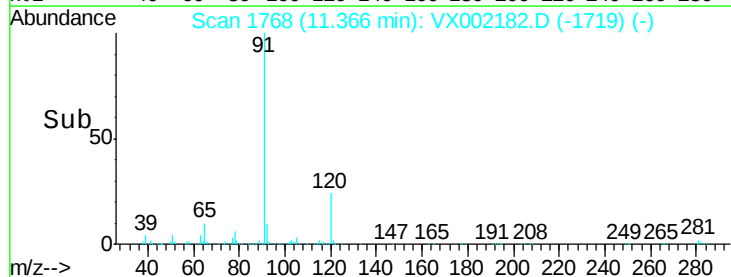
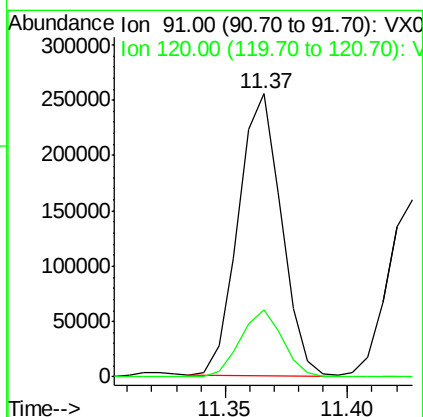
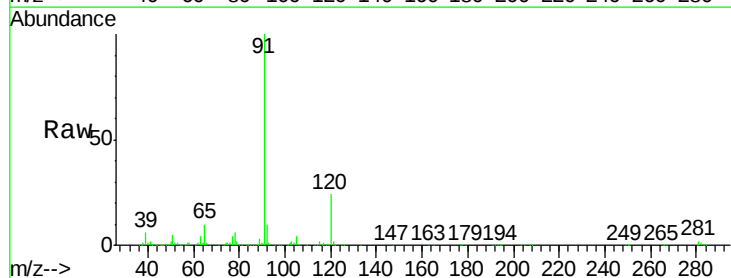
Manual Integrations
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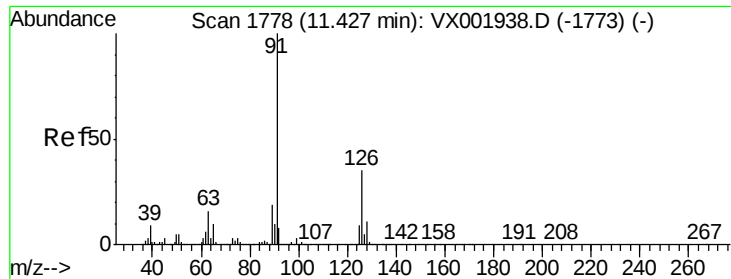
MMDadoda
6/1/2018 6:37:09 PM



#78
n-propylbenzene
Concen: 18.394 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.7





#79

2-Chlorotoluene

Concen: 19.669 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS02

Tot Ion: 91 Resp: 196689

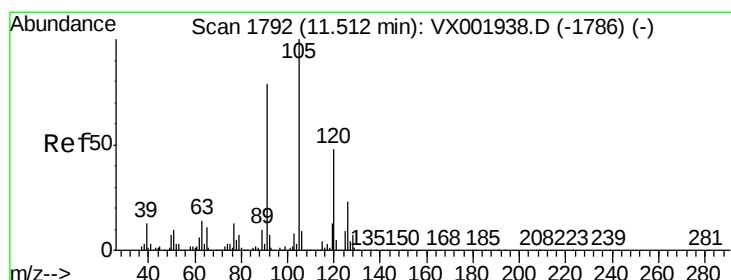
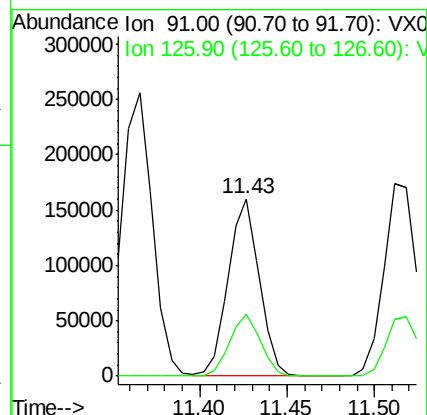
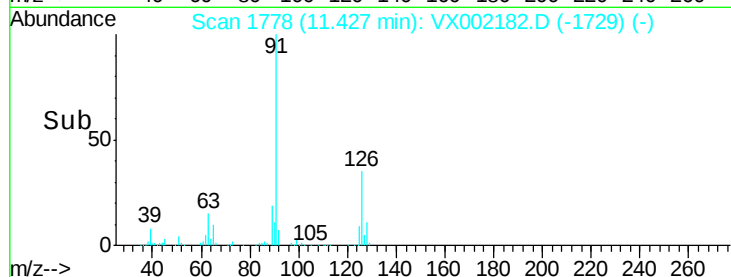
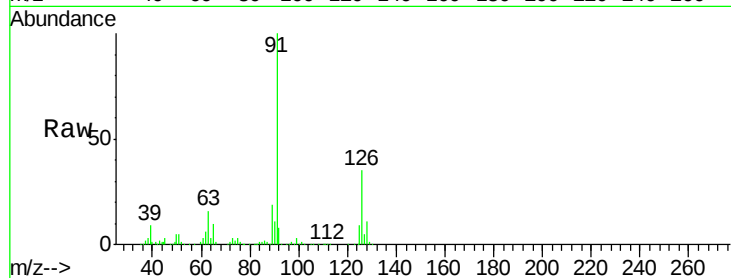
Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 18.619 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002182.D

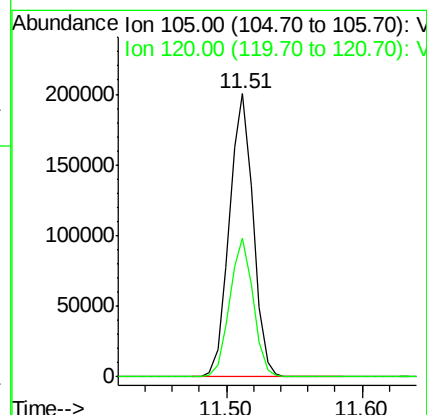
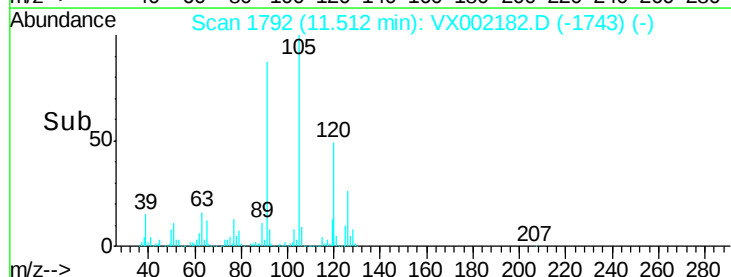
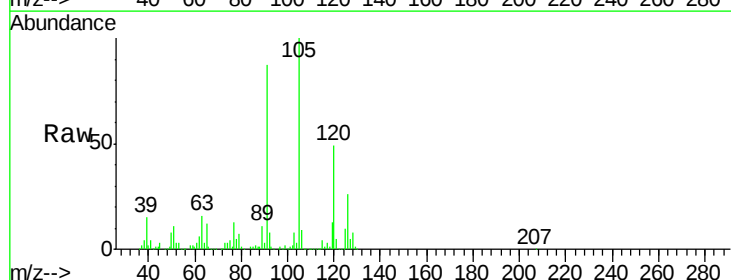
Acq: 31 May 2018 17:27

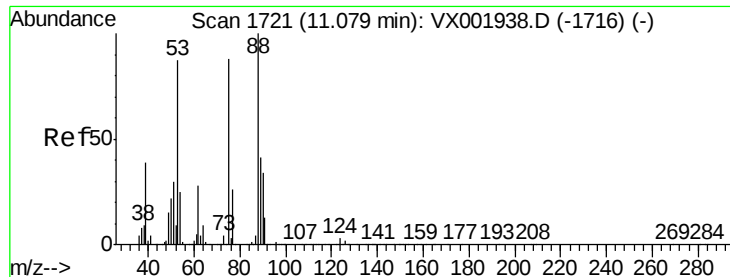
Tgt Ion: 105 Resp: 241786

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4





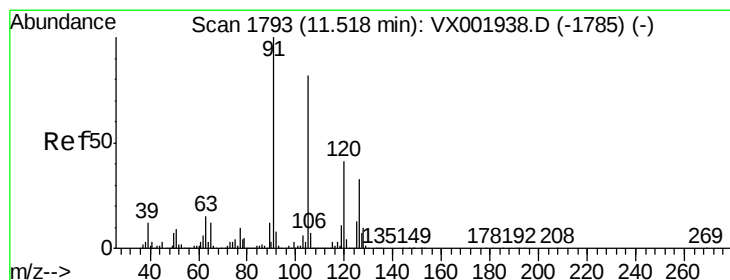
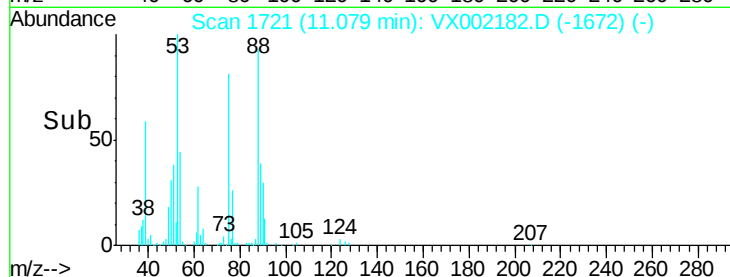
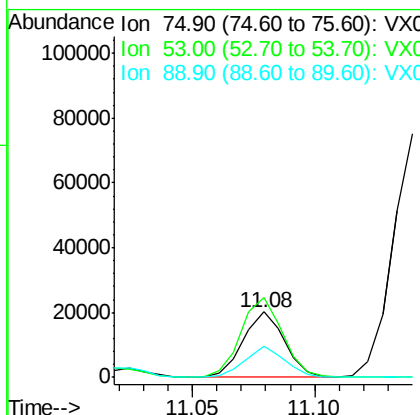
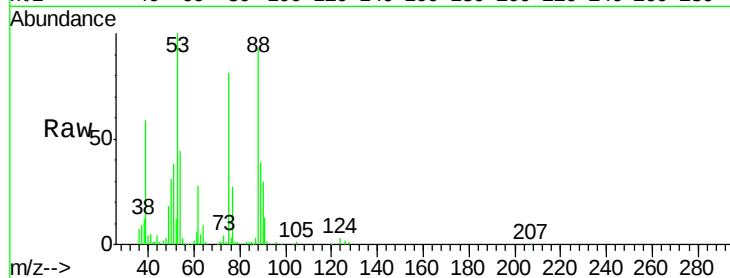
#81
trans-1,4-Dichloro-2-butene
Concen: 13.218 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampled :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	123.5	78.0	117.0#
89	45.6	39.4	59.2

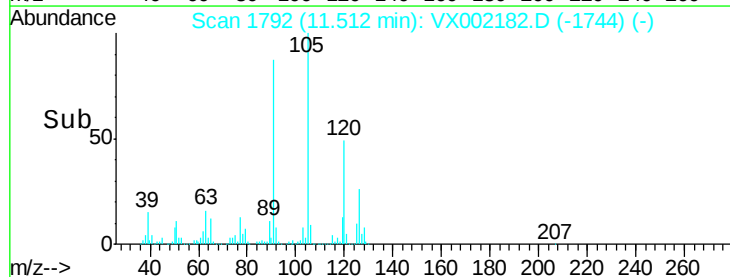
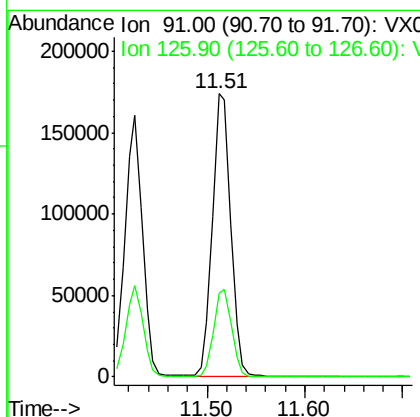
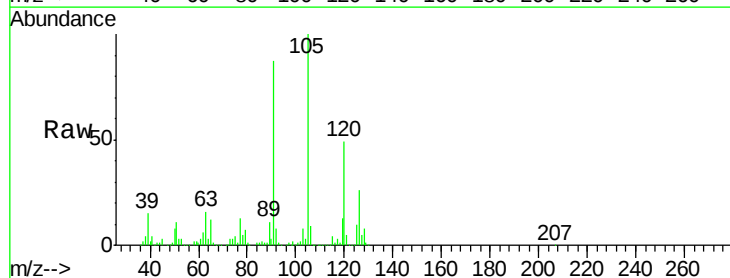
Manual Integrations
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#82
4-Chlorotoluene
Concen: 18.993 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.3	45.8





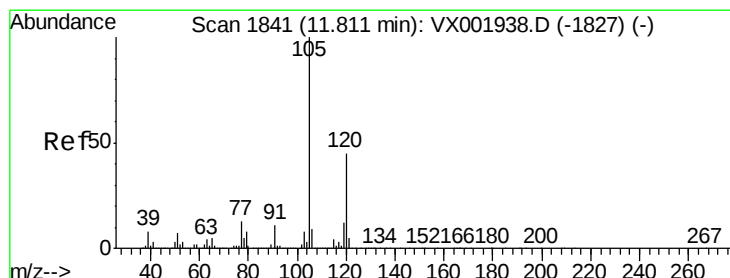
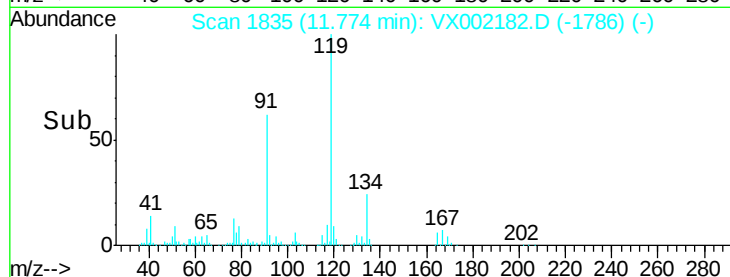
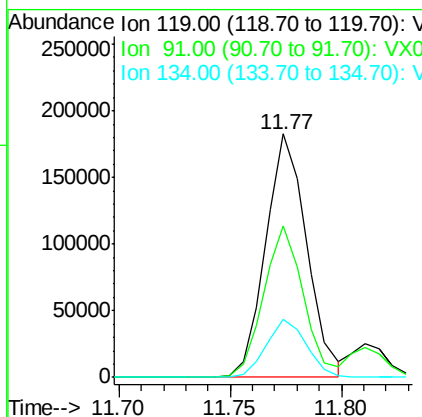
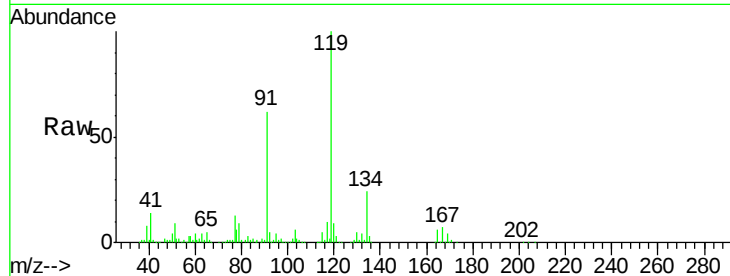
#83
tert-Butylbenzene
Concen: 18.369 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.6	91.8
134	23.1	11.7	35.0

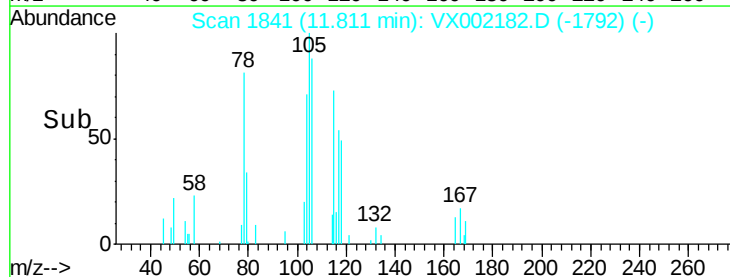
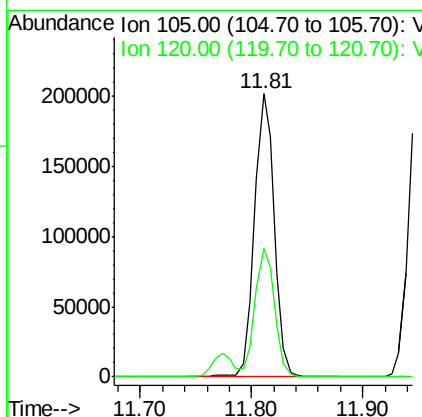
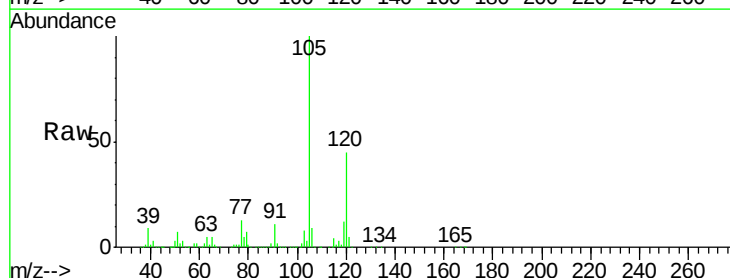
Manual Integrations
APPROVED

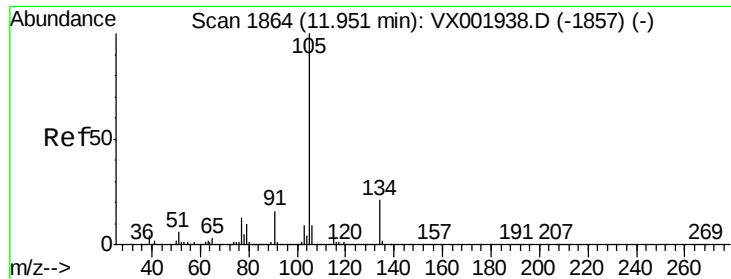
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#84
1,2,4-Trimethylbenzene
Concen: 18.580 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.1	66.5





#85

sec-Butylbenzene

Concen: 18.104 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

ClientSampled :

VX0531WBS02

Tot Ion:105 Resp: 277321

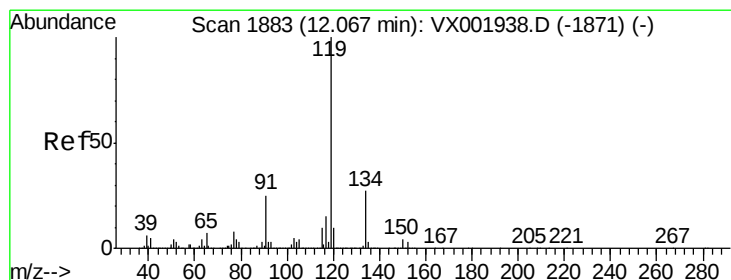
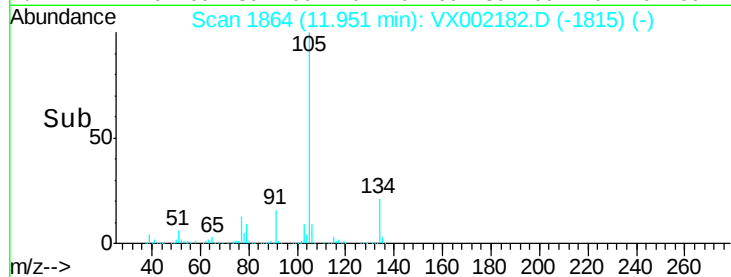
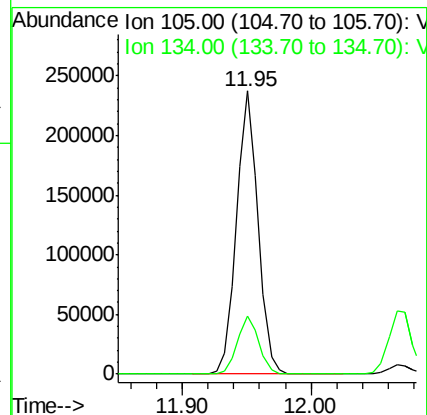
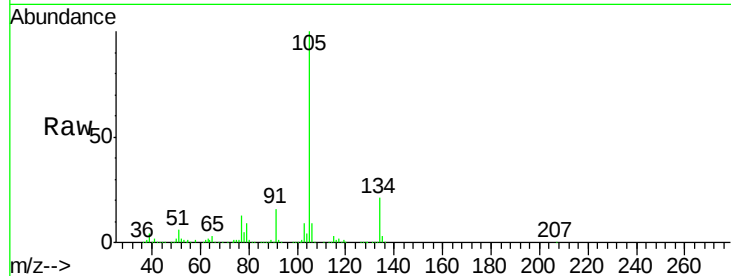
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 18.135 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

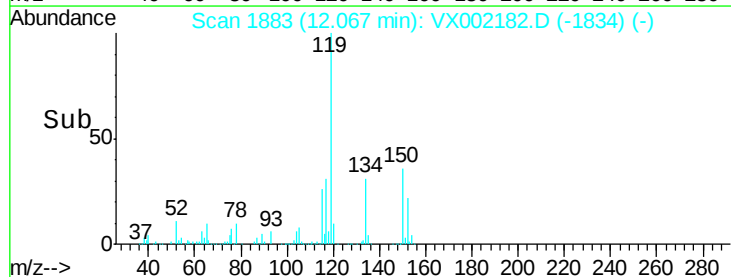
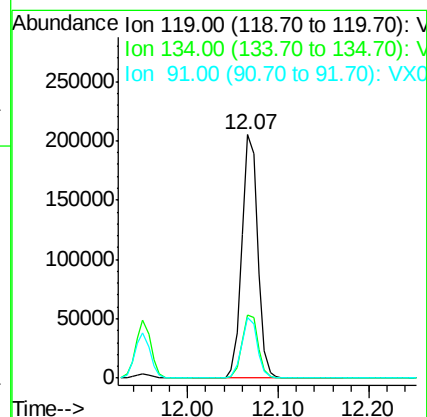
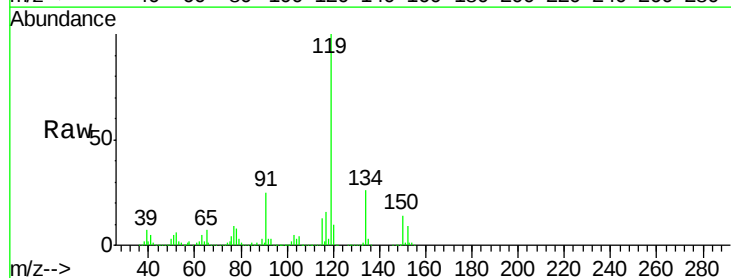
Tgt Ion:119 Resp: 248589

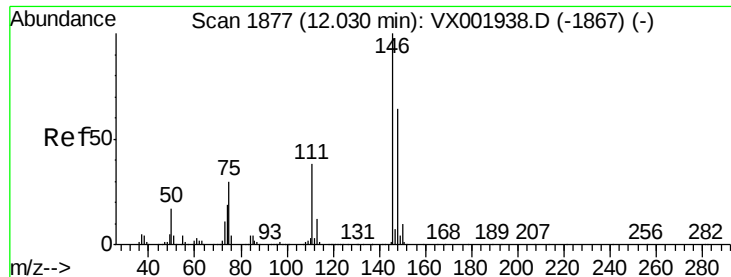
Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 24.8 12.2 36.4





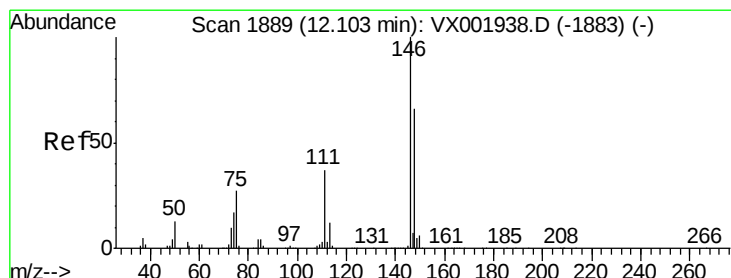
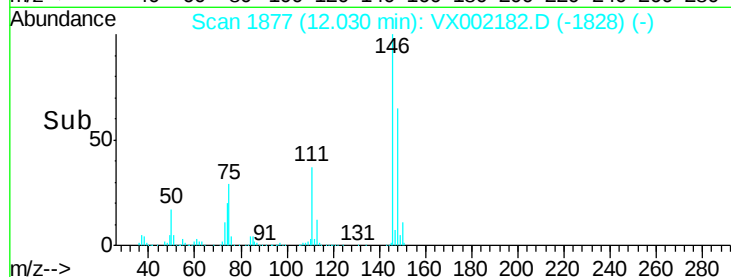
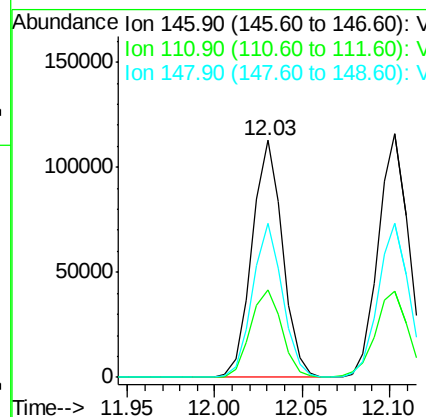
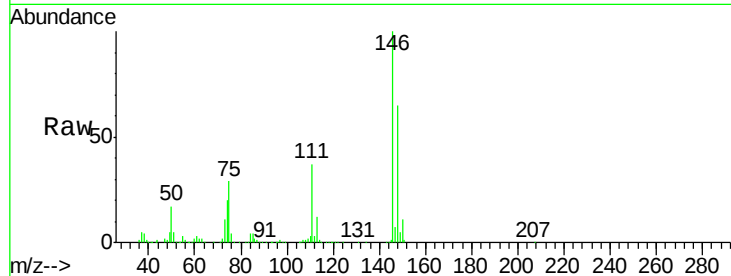
#87
 1,3-Dichlorobenzene
 Concen: 19.014 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	63.6	32.1	96.3

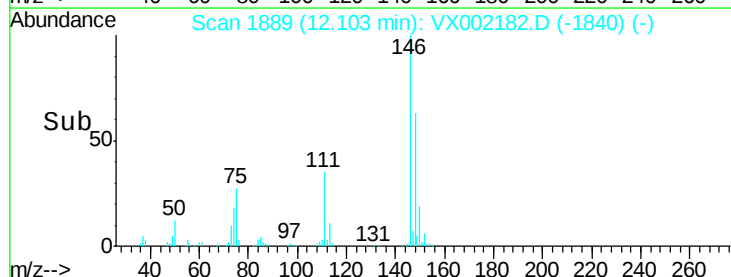
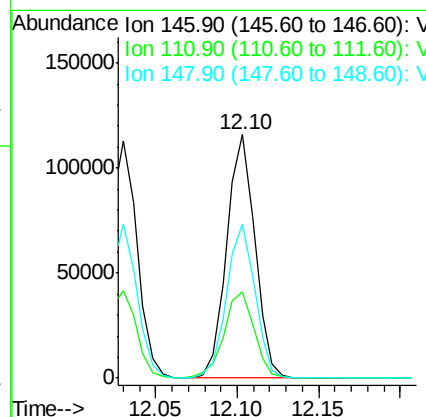
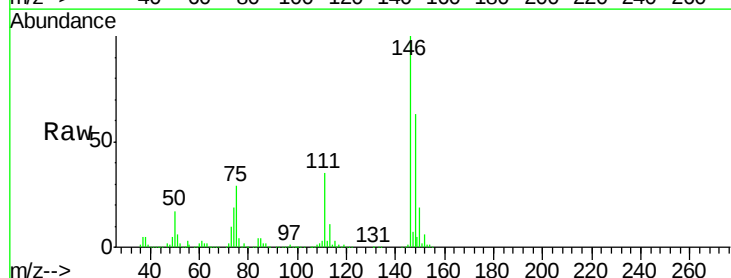
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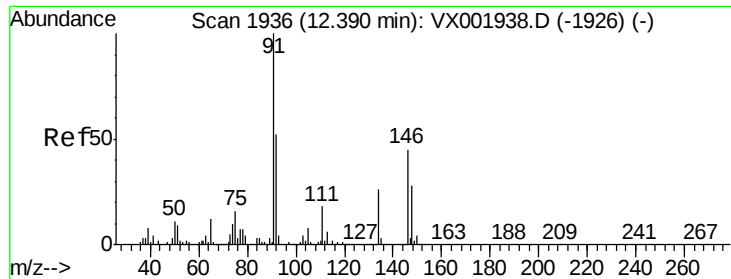
MMDadoda
 6/1/2018 6:37:09 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.316 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.5
148	64.0	32.3	96.8





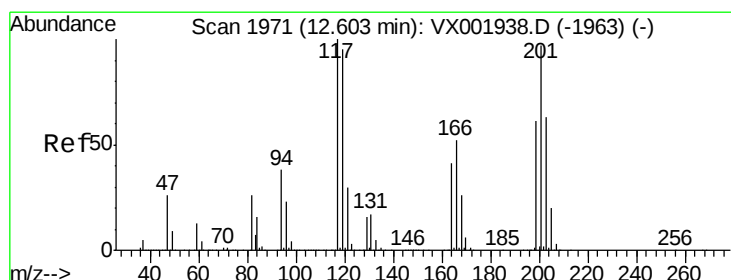
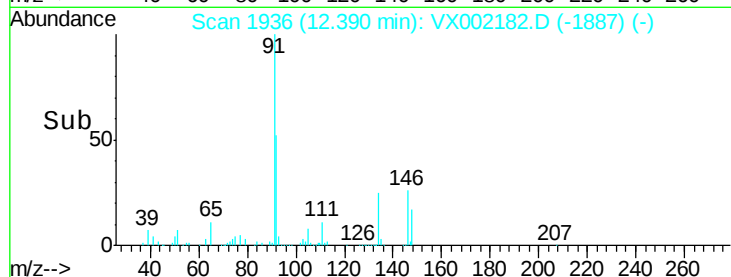
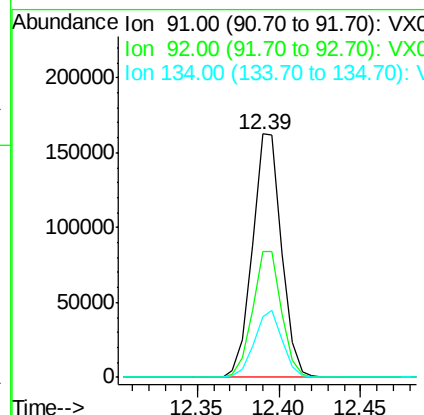
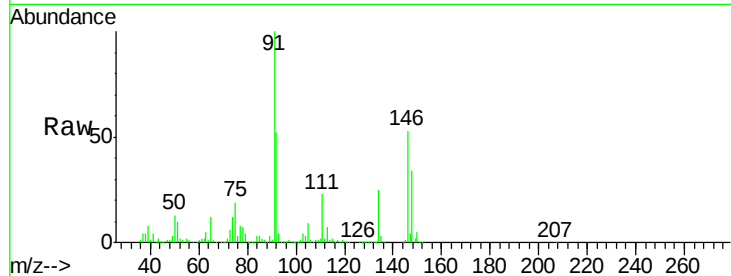
#89
n-Butylbenzene
Concen: 17.423 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.3	78.9
134	26.5	13.6	40.7

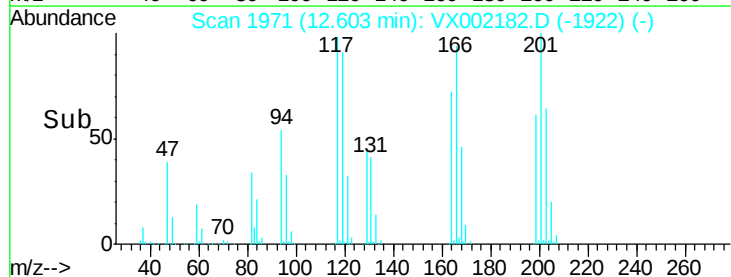
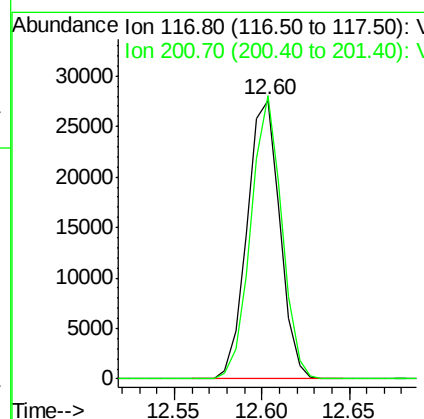
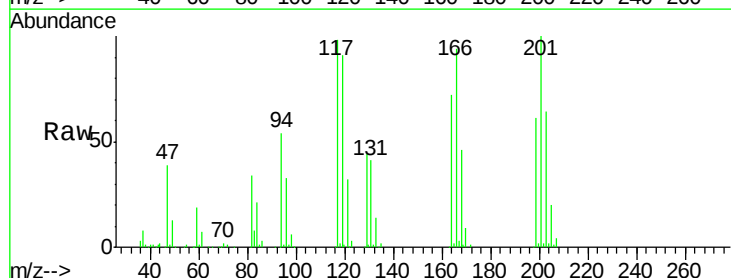
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#90
Hexachloroethane
Concen: 13.300 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002182.D
Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.2	48.0	144.0





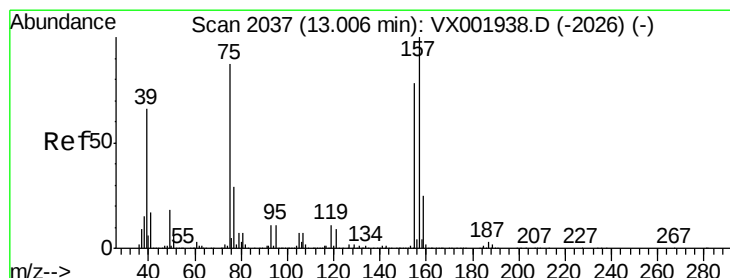
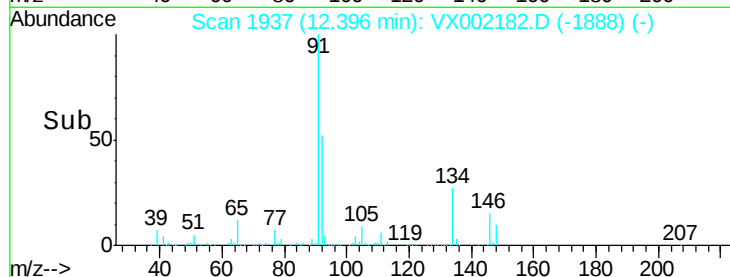
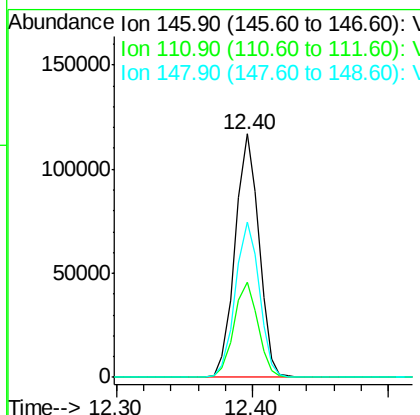
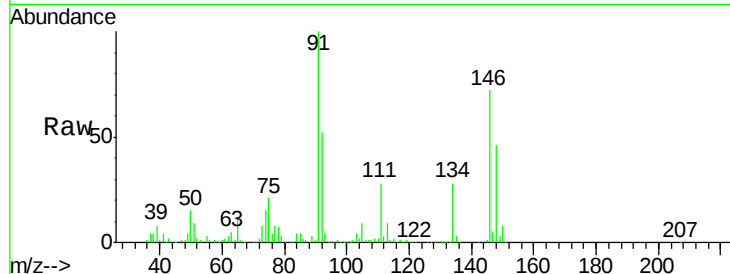
#91
 1,2-Dichlorobenzene
 Concen: 19.457 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	143137		
111	39.3	19.8	59.3	
148	64.4	32.1	96.5	

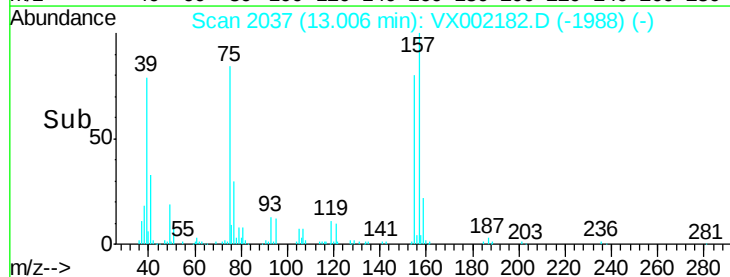
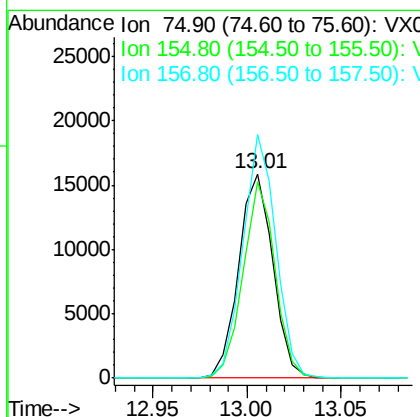
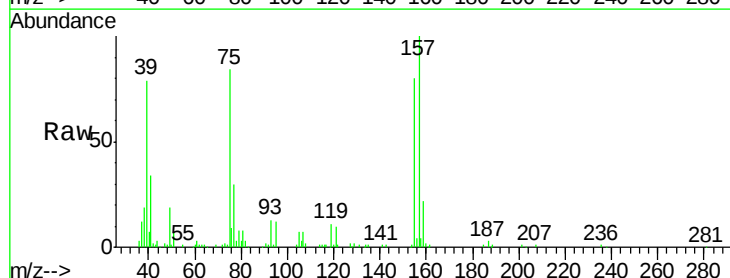
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.819 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20021		
155	89.5	45.1	135.2	
157	115.1	58.1	174.2	





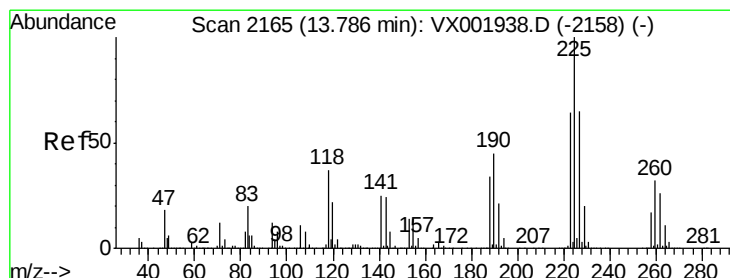
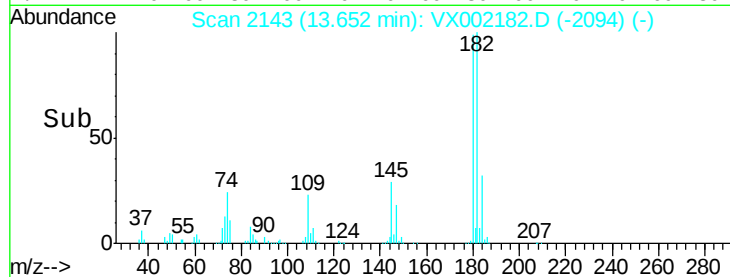
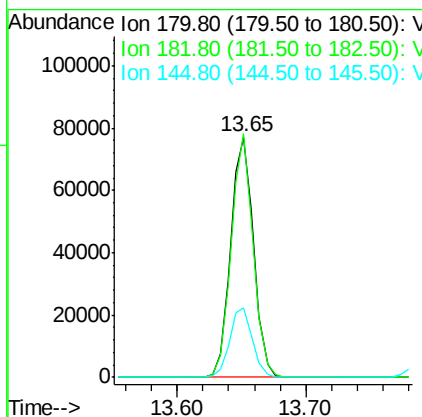
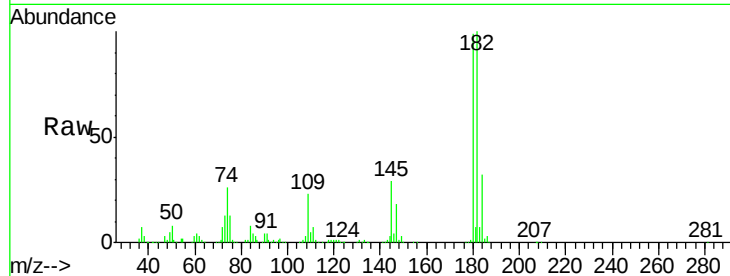
#93
 1,2,4-Trichlorobenzene
 Concen: 18.172 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Instrument :
 MSVOA_X
 ClientSampled :
 VX0531WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	95593		
182	97.0	47.7	143.1	
145	28.9	14.4	43.0	

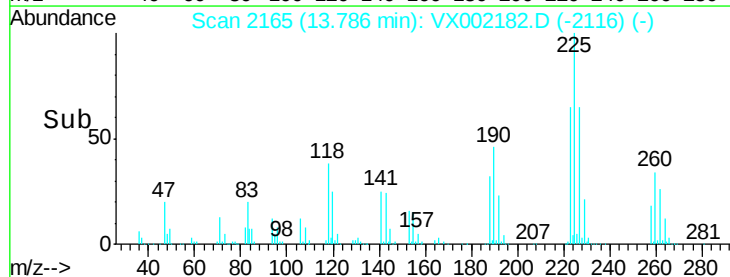
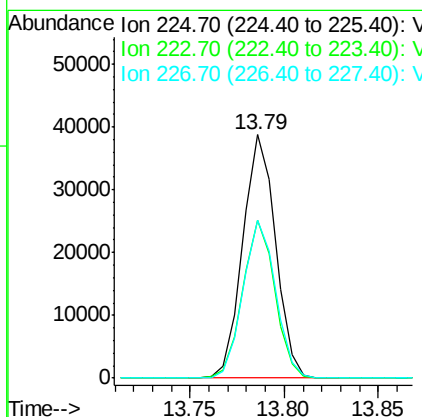
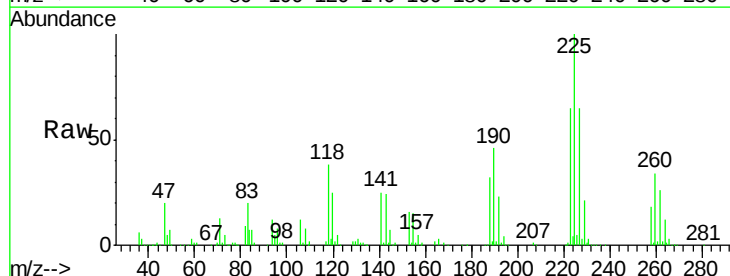
Manual Integrations
 APPROVED

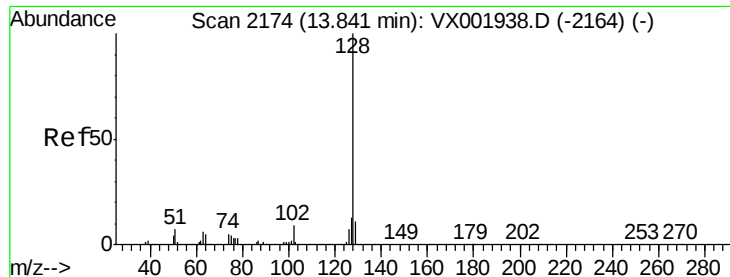
MMDadoda
 6/1/2018 6:37:09 PM



#94
 Hexachlorobutadiene
 Concen: 16.563 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002182.D
 Acq: 31 May 2018 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46869		
223	63.4	31.1	93.5	
227	63.9	32.1	96.5	





#95

Naphthalene

Concen: 18.983 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Instrument :

MSVOA_X

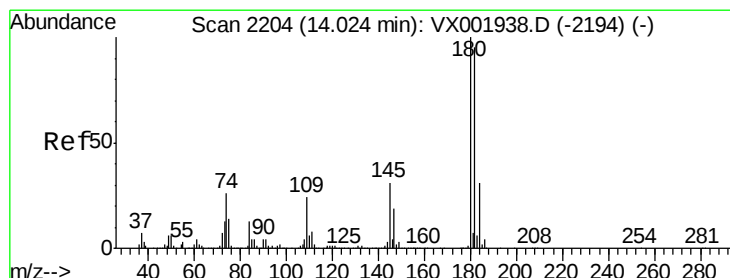
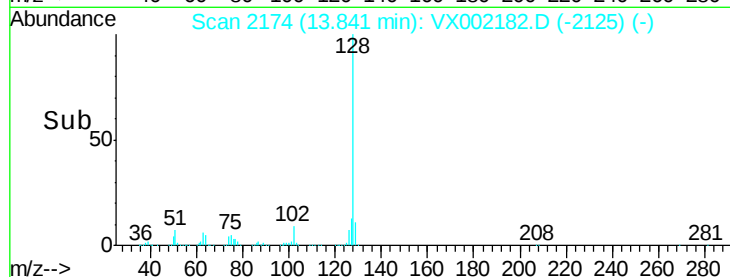
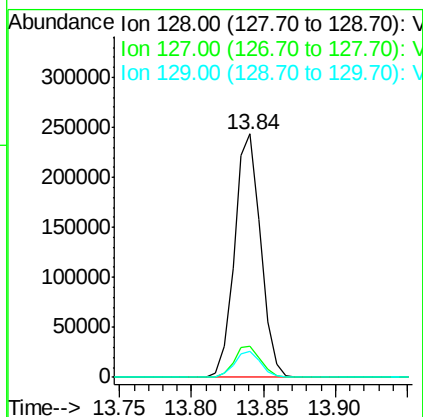
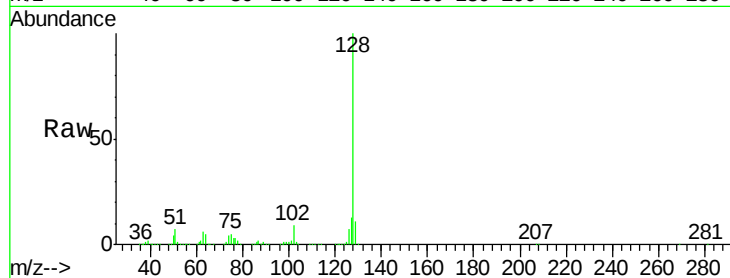
ClientSampleId :

VX0531WBS02

Tot Ion:	128	Resp:	307660
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:09 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.302 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002182.D

Acq: 31 May 2018 17:27

Tgt Ion:	180	Resp:	99617
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.9	143.6
145	30.5	15.1	45.3

