

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002569.D
 Acq On : 14 Jun 2018 23:51
 Operator : JC/MD
 Sample : VX0614WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:56 PM

Quant Time: Jun 15 03:32:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	349677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205725	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177280	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.51	113	139233	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	8.72	98	542592	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	11.14	95	202990	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31038	12.187	ug/l	100
3) Chloromethane	1.32	50	44930	13.288	ug/l	100
4) Vinyl Chloride	1.40	62	48224	15.024	ug/l	99
5) Bromomethane	1.64	94	31392	14.942	ug/l	99
6) Chloroethane	1.73	64	33146	15.964	ug/l	100
7) Trichlorofluoromethane	1.93	101	78996	16.153	ug/l	99
8) Diethyl Ether	2.19	74	34777	18.502	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43632	16.533	ug/l	100
10) Methyl Iodide	2.51	142	53106	14.306	ug/l	98
11) Tert butyl alcohol	3.07	59	67363	80.391	ug/l	97
12) 1,1-Dichloroethene	2.37	96	42572	16.323	ug/l	98
13) Acrolein	2.29	56	12187	26.304	ug/l	97
14) Allyl chloride	2.73	41	87406	15.442	ug/l	99
15) Acrylonitrile	3.15	53	154060	97.410	ug/l	99
16) Acetone	2.45	43	144294	82.956	ug/l	98
17) Carbon Disulfide	2.57	76	84099	12.234	ug/l	100
18) Methyl Acetate	2.78	43	74205	19.496	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	189757	19.431	ug/l	99
20) Methylene Chloride	2.86	84	53958	17.693	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	47479	16.508	ug/l	96
22) Diisopropyl ether	3.88	45	169970	16.994	ug/l	98
23) Vinyl Acetate	3.83	43	723730	78.875	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85859	15.348	ug/l	98
25) 2-Butanone	4.71	43	200021	83.267	ug/l	98
26) 2,2-Dichloropropane	4.59	77	49973	11.428	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	52192	16.686	ug/l	93
28) Bromochloromethane	5.03	49	45972	16.971	ug/l	98
29) Tetrahydrofuran	5.17	42	129157	83.393	ug/l	98
30) Chloroform	5.21	83	91266	16.907	ug/l	98
31) Cyclohexane	5.58	56	59718	13.500	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	73003	15.946	ug/l	100
36) 1,1-Dichloropropene	5.80	75	57815	15.727	ug/l	98
37) Ethyl Acetate	4.87	43	78792	17.823	ug/l	100
38) Carbon Tetrachloride	5.79	117	60015	15.606	ug/l	99

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Manual Integrations
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 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	59343	13.260	ug/l	95
40) Benzene	6.15	78	188914	16.760	ug/l	99
41) Methacrylonitrile	5.07	41	45189	17.856	ug/l	99
42) 1,2-Dichloroethane	6.20	62	78749	17.585	ug/l	100
43) Isopropyl Acetate	6.47	43	129746	17.279	ug/l	99
44) Trichloroethene	7.21	130	53124	16.982	ug/l	96
45) 1,2-Dichloropropane	7.52	63	51020	16.767	ug/l	100
46) Dibromomethane	7.67	93	35483	17.201	ug/l	100
47) Bromodichloromethane	7.90	83	61626	16.518	ug/l	96
48) Methyl methacrylate	7.78	41	64507	17.102	ug/l	96
49) 1,4-Dioxane	7.76	88	23254	329.730	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	430968	92.162	ug/l	100
52) Toluene	8.79	92	120966	16.874	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	69928	15.630	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	65205	15.448	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	53874	18.272	ug/l	100
56) Ethyl methacrylate	9.18	69	80363	17.072	ug/l	98
57) 1,3-Dichloropropane	9.38	76	87884	17.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	196963	90.402	ug/l	99
59) 2-Hexanone	9.50	43	322970	89.418	ug/l	99
60) Dibromochloromethane	9.59	129	48521	16.361	ug/l	99
61) 1,2-Dibromoethane	9.68	107	54058	17.584	ug/l	99
64) Tetrachloroethene	9.34	164	57707	16.925	ug/l	96
65) Chlorobenzene	10.14	112	142986	17.381	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	50741	17.035	ug/l	99
67) Ethyl Benzene	10.26	91	233909	16.991	ug/l	98
68) m/p-Xylenes	10.36	106	178509	33.356	ug/l	100
69) o-Xylene	10.70	106	89869	16.875	ug/l	99
70) Styrene	10.71	104	148918	17.105	ug/l	99
71) Bromoform	10.86	173	35569	15.869	ug/l #	99
73) Isopropylbenzene	11.02	105	241816	16.897	ug/l	99
74) N-amyl acetate	6.47	43	129746	16.825	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	78706	17.486	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	78707m	17.436	ug/l	
77) Bromobenzene	11.26	156	66831	16.634	ug/l	98
78) n-propylbenzene	11.37	91	269039	16.914	ug/l	100
79) 2-Chlorotoluene	11.43	91	166360	16.563	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	200275	16.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16437	12.764	ug/l	87
82) 4-Chlorotoluene	11.51	91	193708	16.709	ug/l	100
83) tert-Butylbenzene	11.77	119	196182	16.412	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	209027	16.543	ug/l	99
85) sec-Butylbenzene	11.95	105	235170	16.782	ug/l	100
86) p-Isopropyltoluene	12.07	119	211179	16.545	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	120164	16.727	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122069	16.485	ug/l	99
89) n-Butylbenzene	12.39	91	177436	16.575	ug/l	100
90) Hexachloroethane	12.60	117	29750	14.601	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	126025	16.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16354	16.615	ug/l	97

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ClientSampleId :
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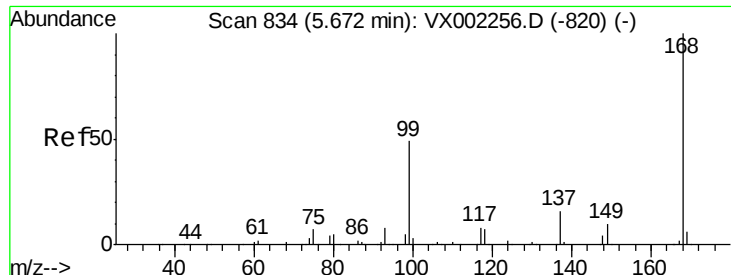
Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:56 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86200	16.540	ug/l	98
94) Hexachlorobutadiene	13.79	225	41843	16.247	ug/l	99
95) Naphthalene	13.84	128	260757	17.414	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92494	17.402	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion:168 Resp: 244996

Ion Ratio Lower Upper

168 100

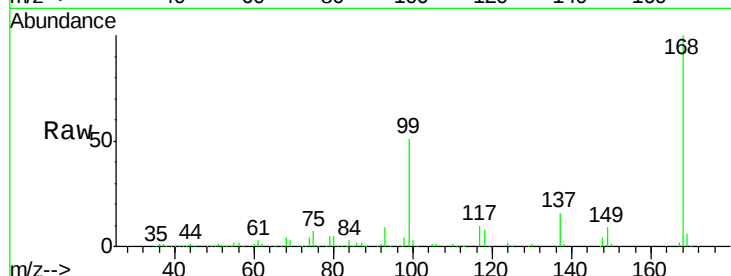
99 51.0 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

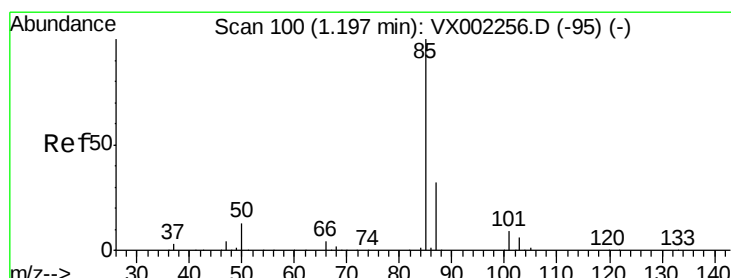
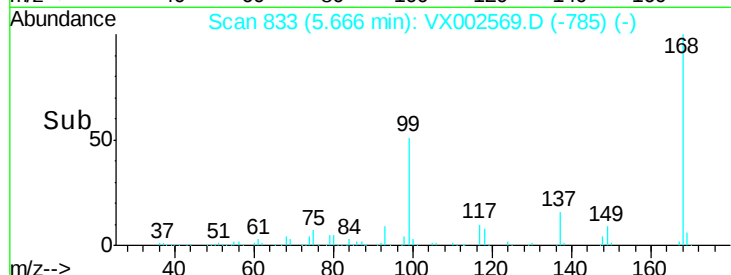
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 12.187 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002569.D

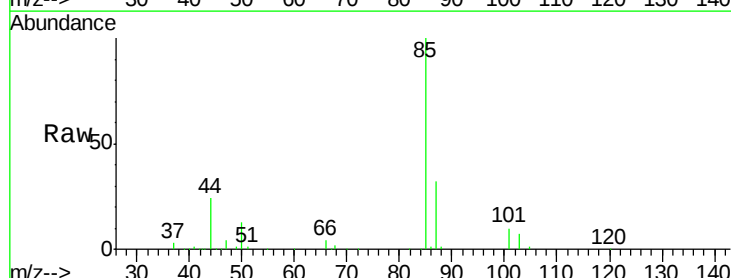
Acq: 14 Jun 2018 23:51

Tgt Ion: 85 Resp: 31038

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

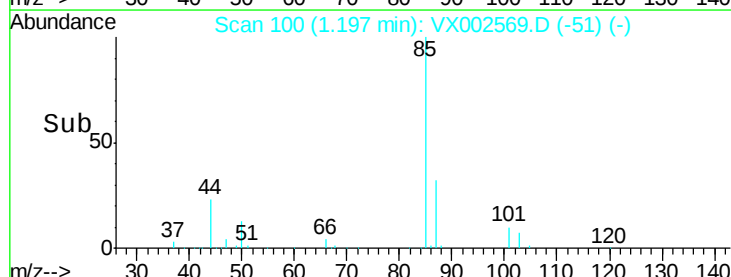
30000

20000

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Time-->





#3

Chloromethane

Concen: 13.288 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion: 50 Resp: 44930

Ion Ratio Lower Upper

50 100

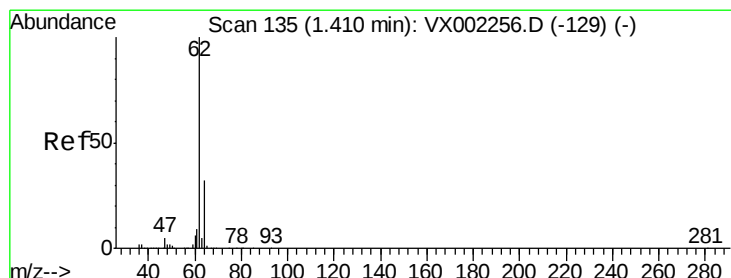
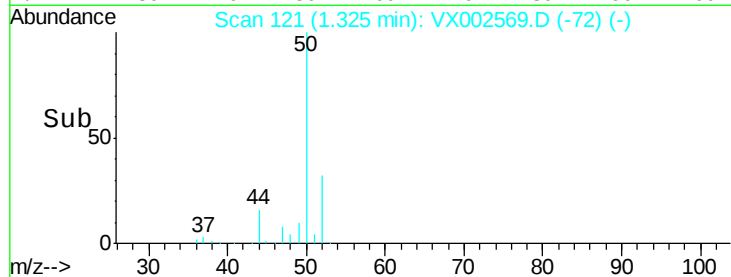
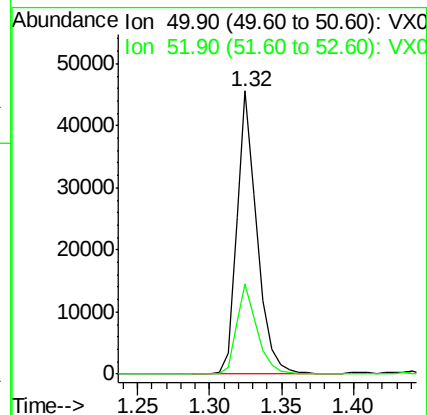
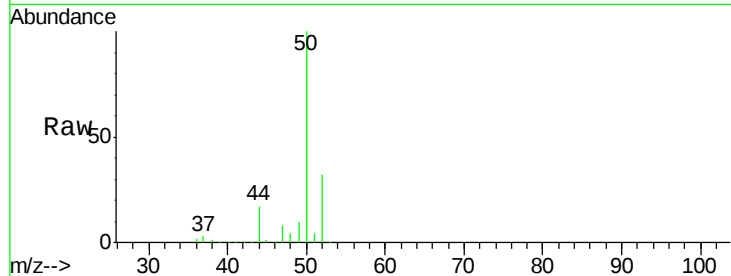
52 32.0 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 15.024 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002569.D

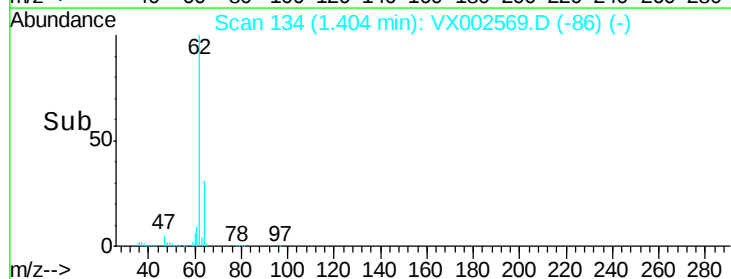
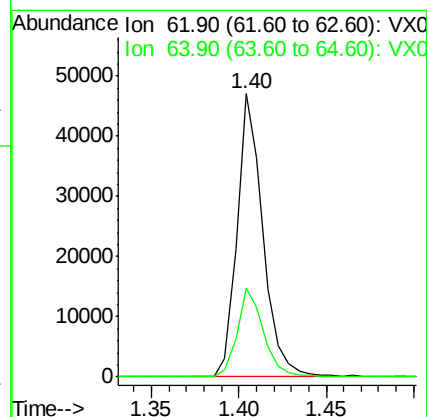
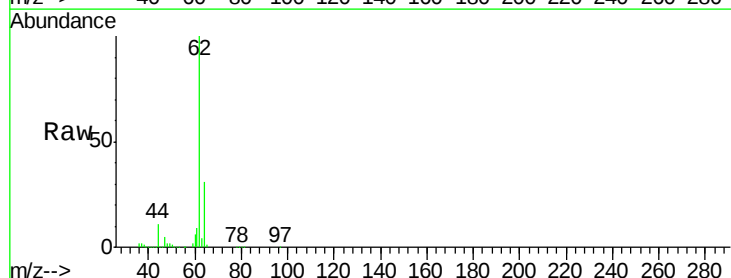
Acq: 14 Jun 2018 23:51

Tgt Ion: 62 Resp: 48224

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 14.942 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion: 94 Resp: 31392

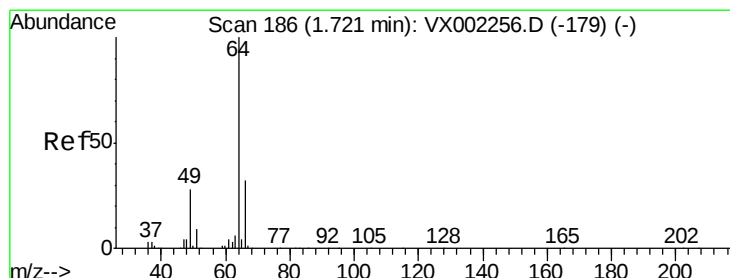
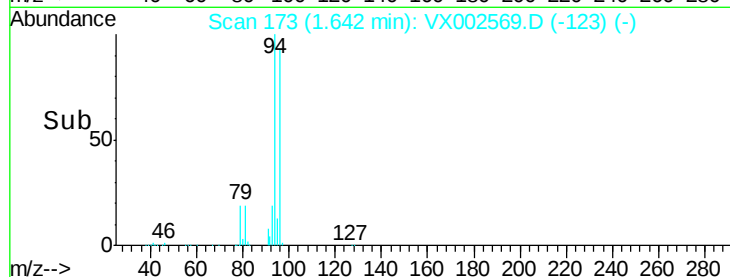
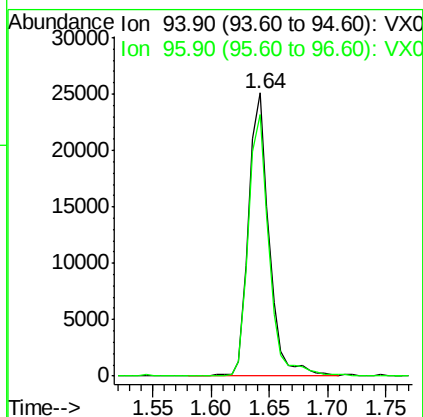
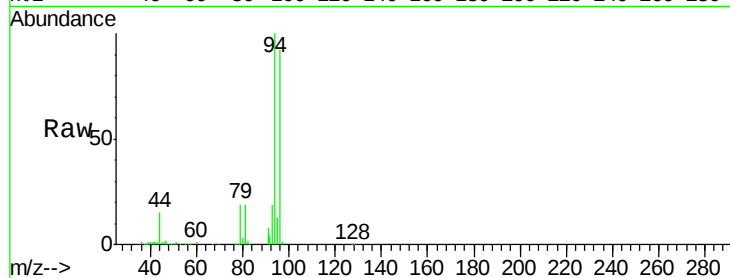
Ion Ratio Lower Upper

94 100

96 92.4 74.9 112.3

Manual Integrations
APPROVED

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6/15/2018 1:11:56 PM



#6

Chloroethane

Concen: 15.964 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002569.D

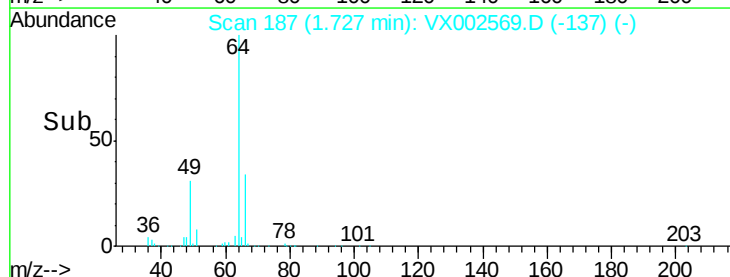
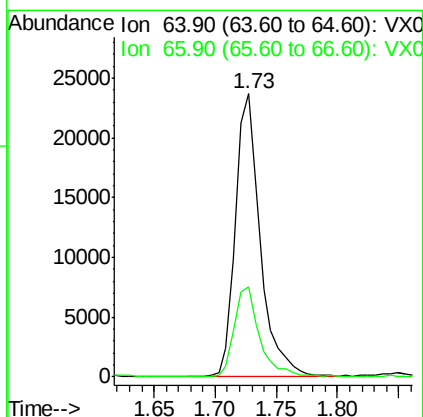
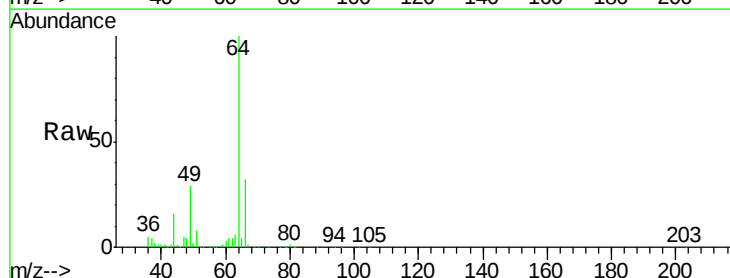
Acq: 14 Jun 2018 23:51

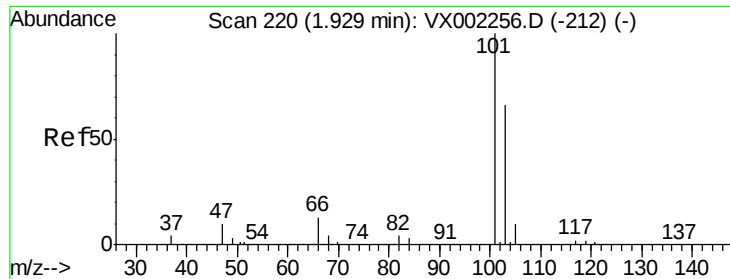
Tgt Ion: 64 Resp: 33146

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3





#7

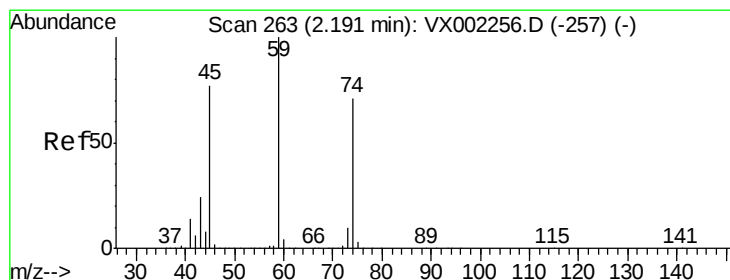
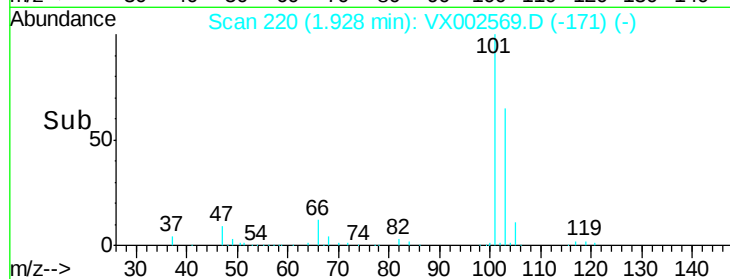
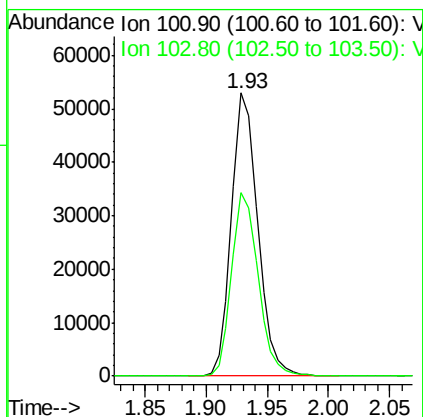
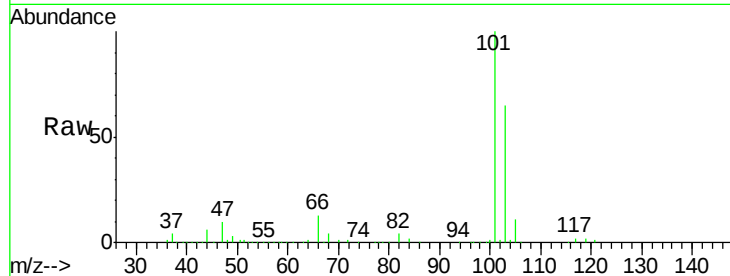
Trichlorofluoromethane
Concen: 16.153 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

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ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.8	79.2

Manual Integrations
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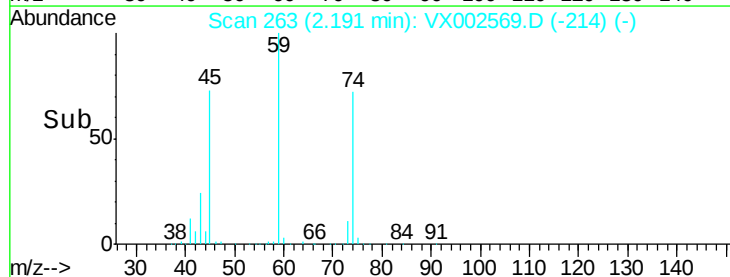
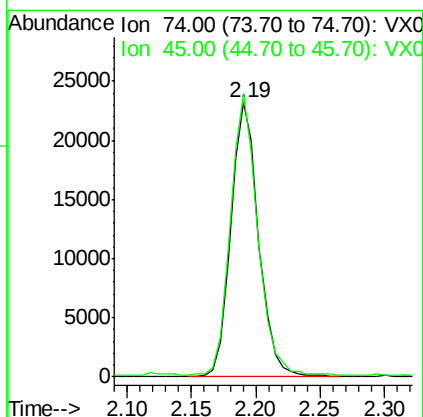
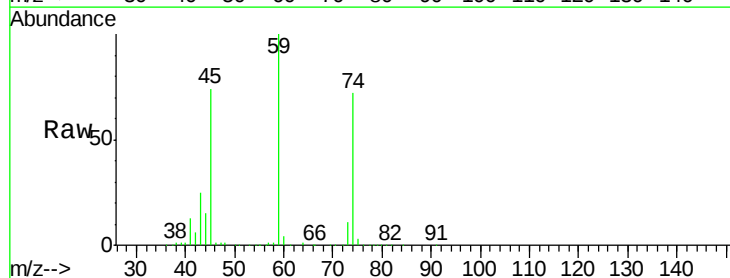
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6/15/2018 1:11:56 PM

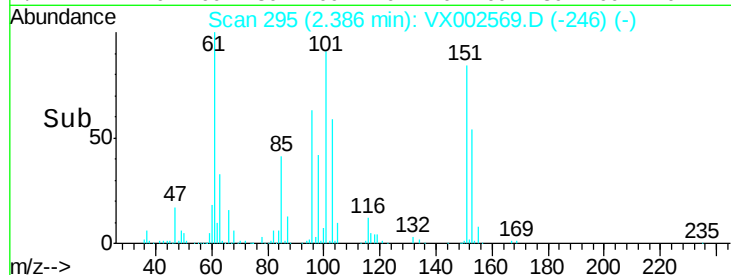
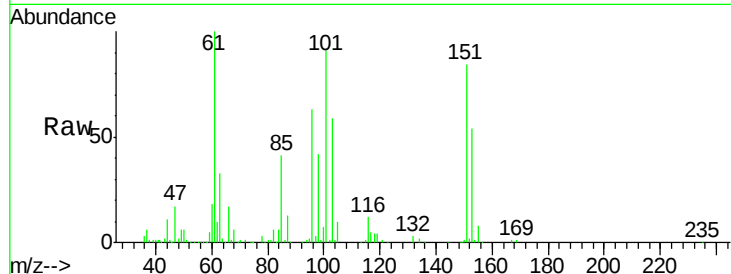
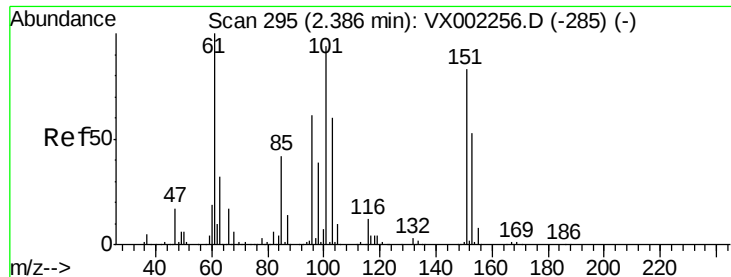


#8

Diethyl Ether
Concen: 18.502 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	53.1	159.4





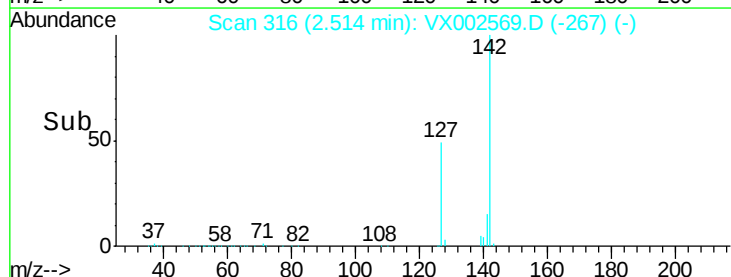
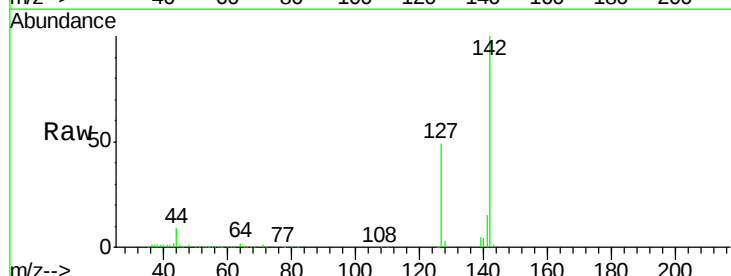
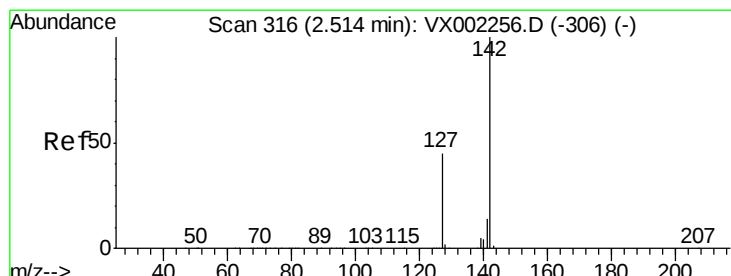
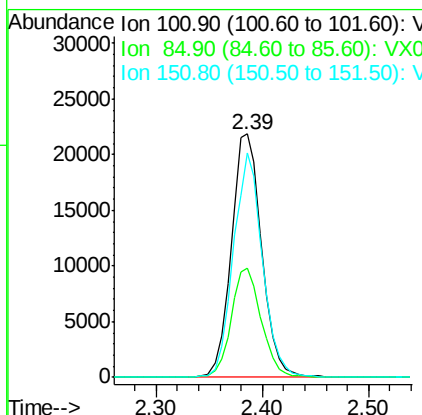
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.533 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

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Tot Ion	Ratio	Lower	Upper
101	100		
85	44.7	36.0	54.0
151	88.3	70.9	106.3

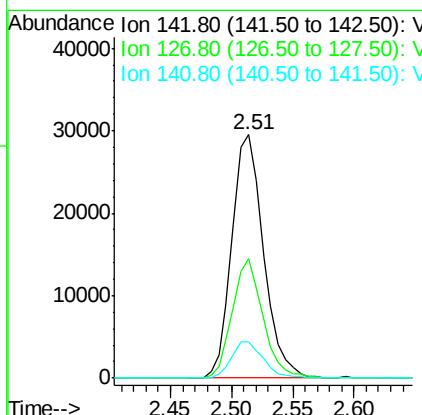
Manual Integrations
APPROVED

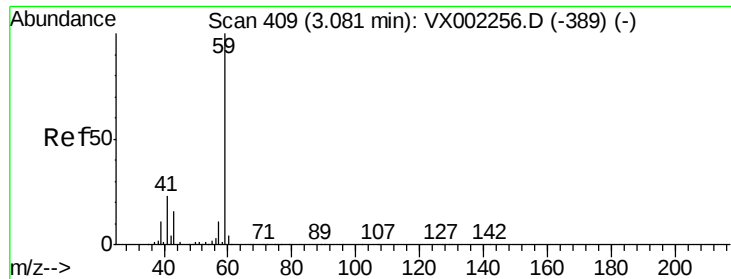
MMDadoda
6/15/2018 1:11:56 PM



#10
Methyl Iodide
Concen: 14.306 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.3	36.6	55.0
141	15.1	11.3	16.9





#11

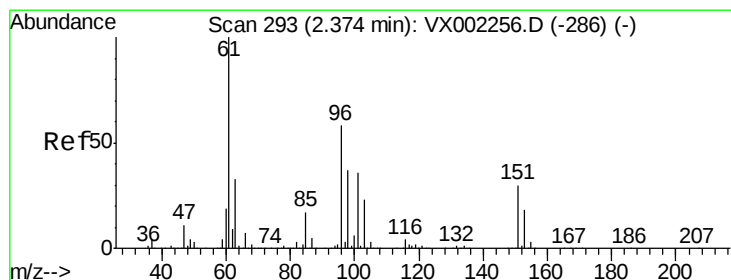
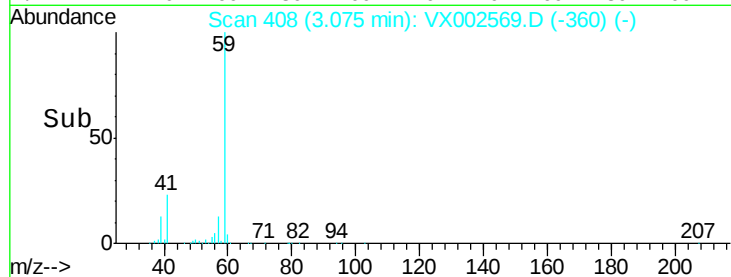
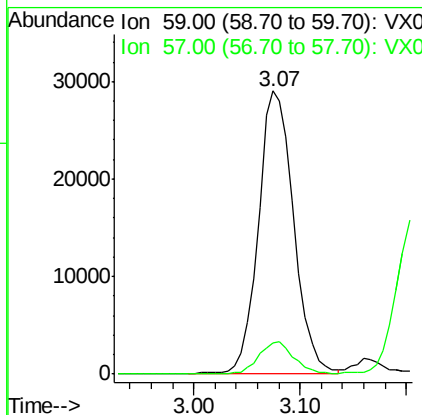
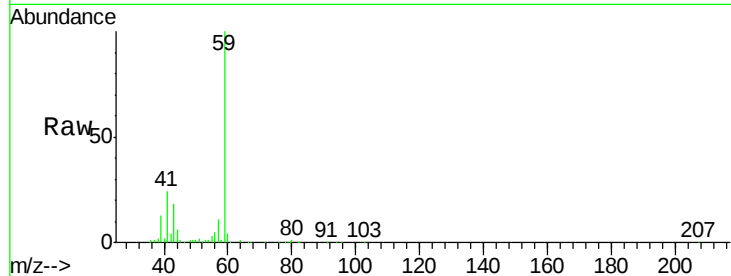
Tert butyl alcohol
Concen: 80.391 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion: 59 Resp: 67363
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.2

Manual Integrations
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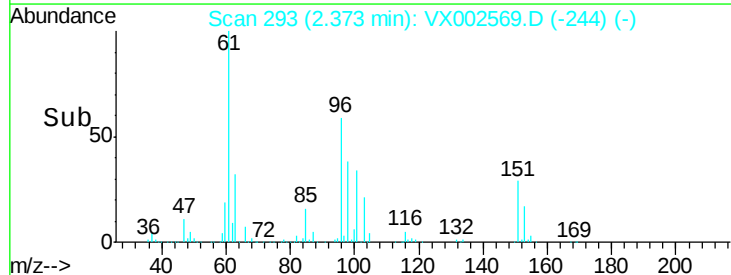
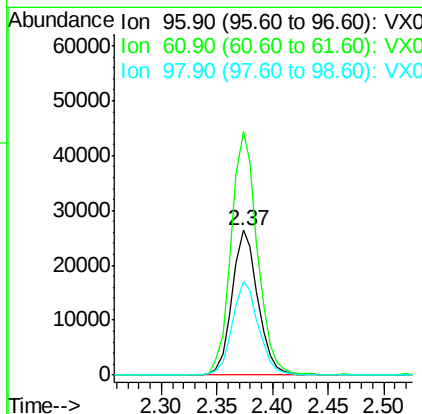
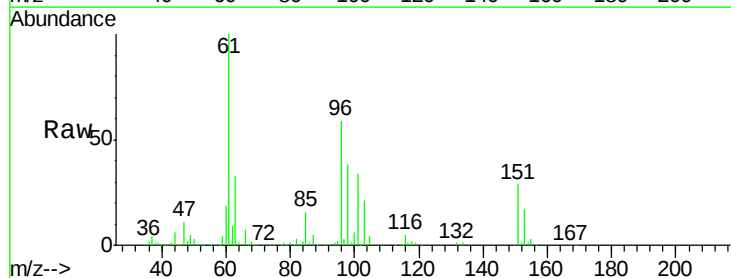
MMDadoda
6/15/2018 1:11:56 PM

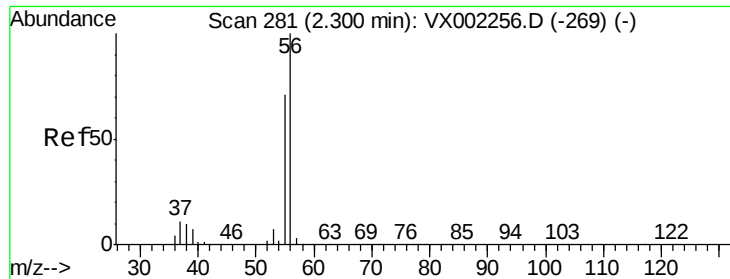


#12

1,1-Dichloroethene
Concen: 16.323 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 96 Resp: 42572
Ion Ratio Lower Upper
96 100
61 168.2 137.9 206.9
98 64.7 51.6 77.4





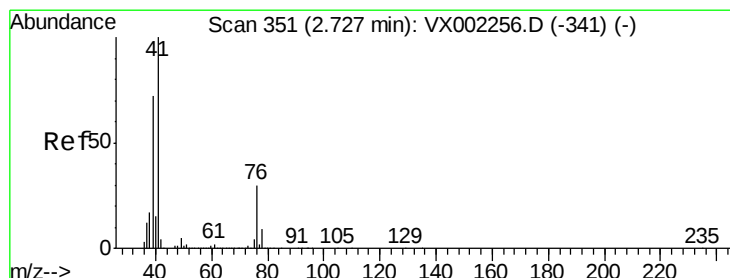
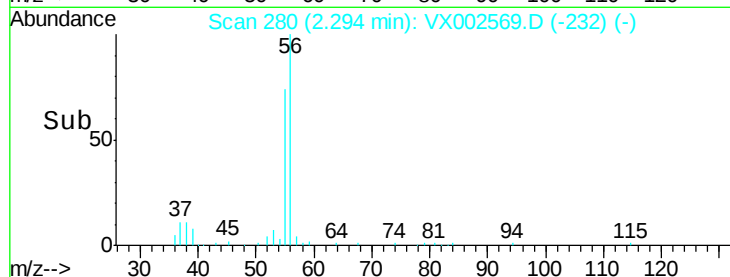
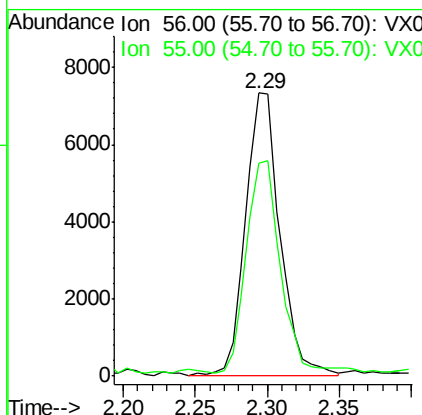
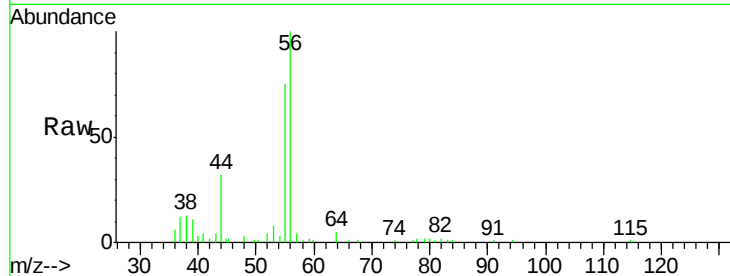
#13
Acrolein
Concen: 26.304 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	56	Resp	12187
Ion Ratio	100	Lower	Upper
55	73.3	57.0	85.4

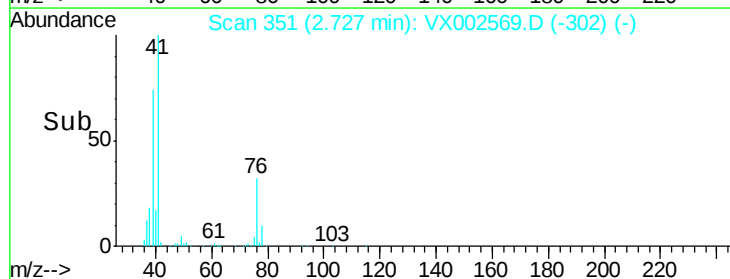
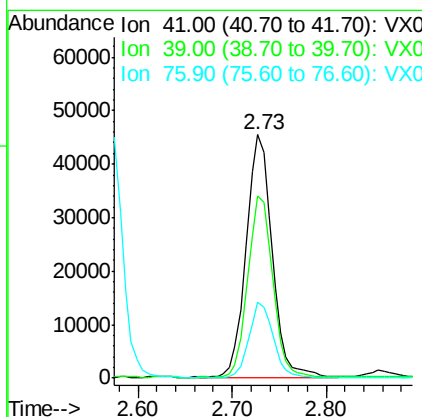
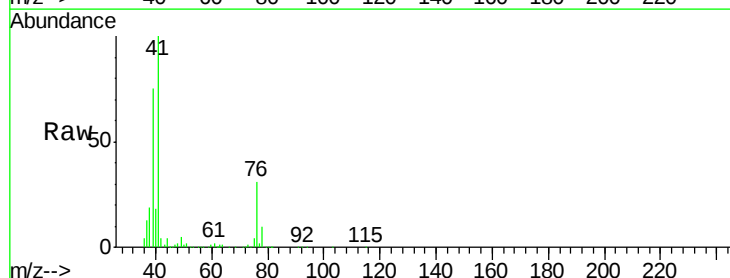
Manual Integrations
APPROVED

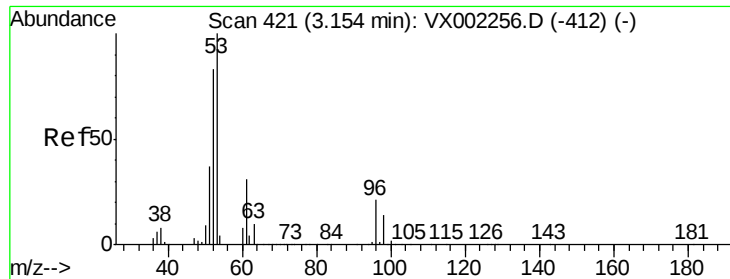
MMDadoda
6/15/2018 1:11:56 PM



#14
Allyl chloride
Concen: 15.442 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	41	Resp	87406
Ion Ratio	100	Lower	Upper
39	71.9	56.8	85.2
76	28.8	23.8	35.8





#15

Acrylonitrile

Concen: 97.410 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

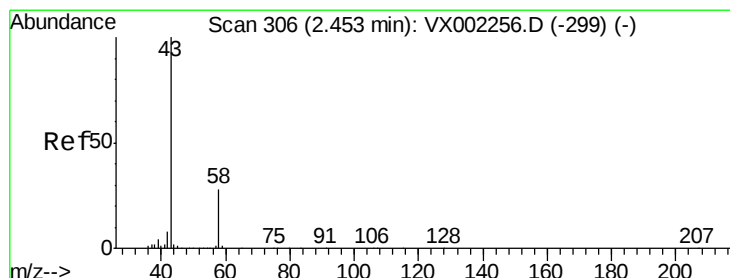
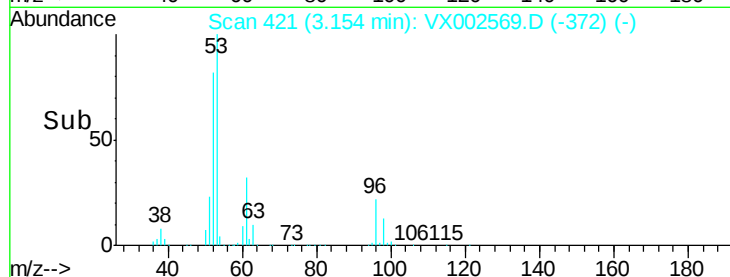
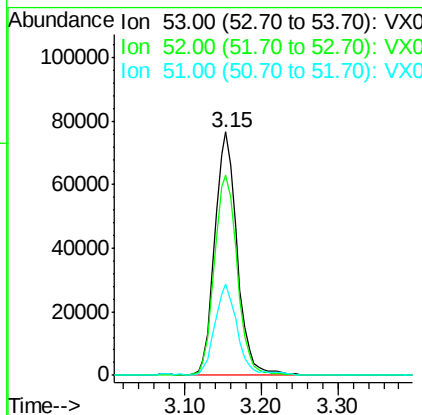
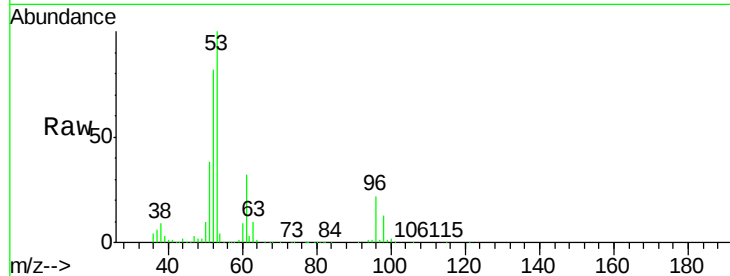
ClientSampleId :

VX0614WBS02

Tot Ion:	53	Resp:	154060
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.7	100.1
51	37.6	29.9	44.9

Manual Integrations
APPROVED

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6/15/2018 1:11:56 PM



#16

Acetone

Concen: 82.956 ug/l

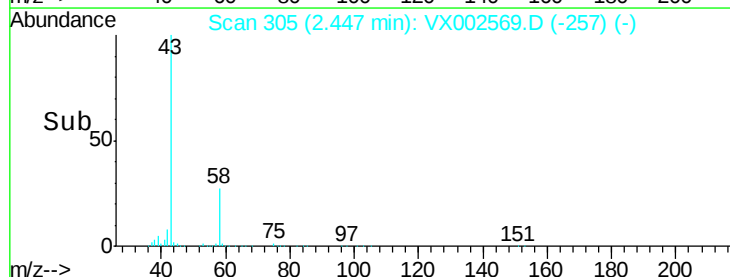
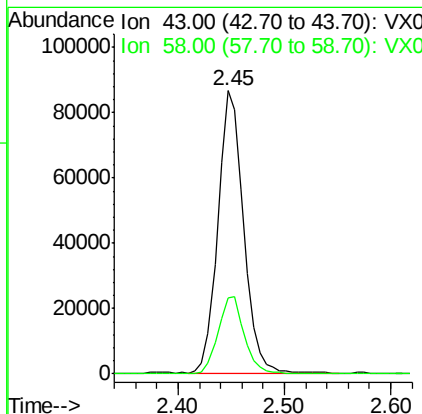
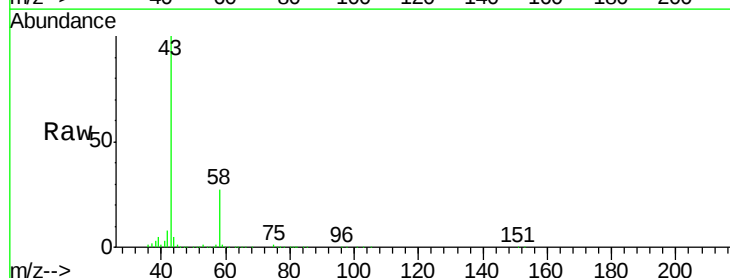
RT: 2.45 min Scan# 305

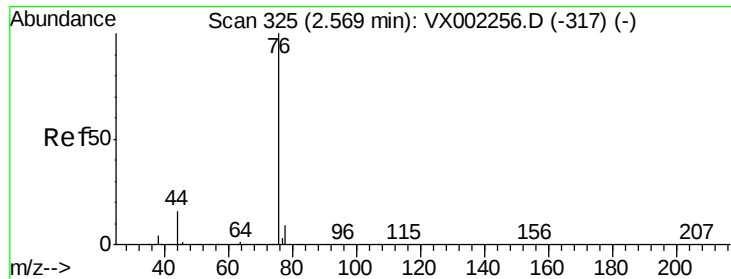
Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Tgt Ion:	43	Resp:	144294
Ion Ratio	Lower	Upper	
43	100		
58	26.7	22.1	33.1





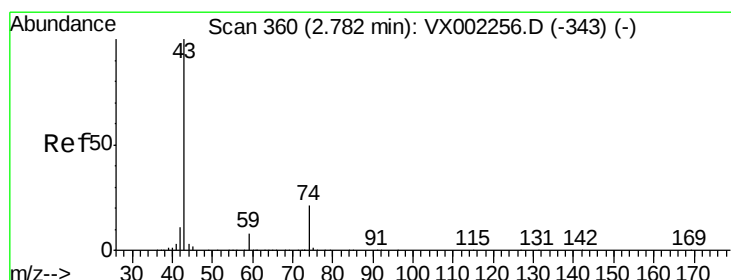
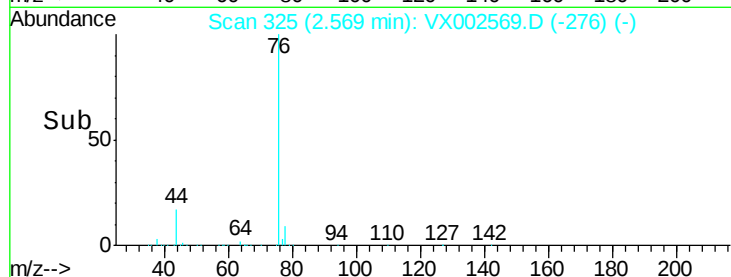
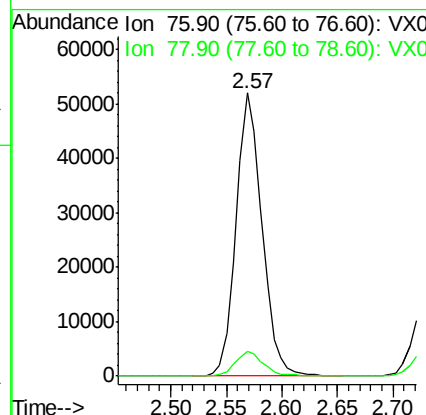
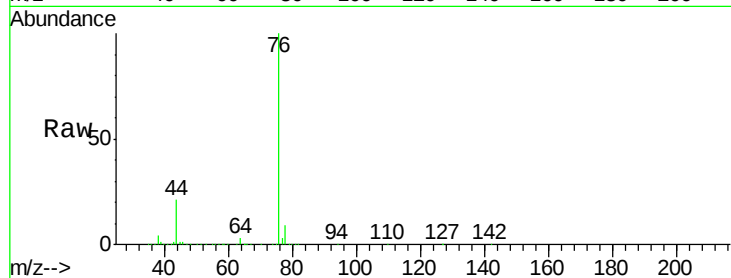
#17
Carbon Disulfide
Concen: 12.234 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.9	10.3

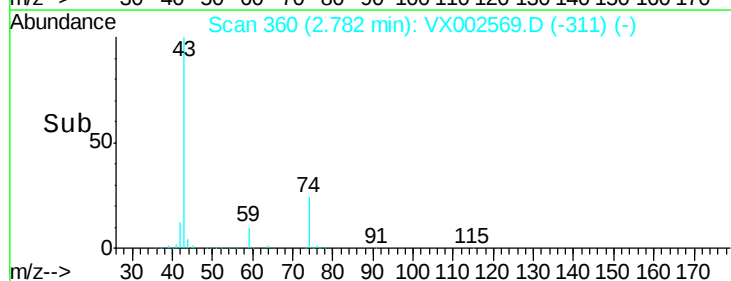
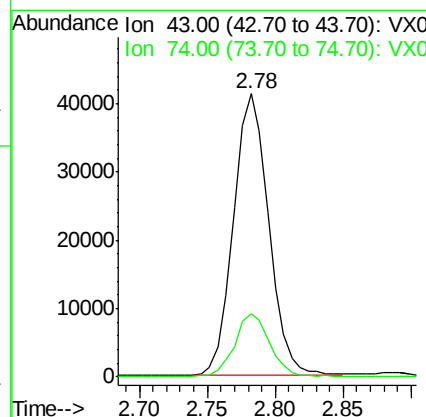
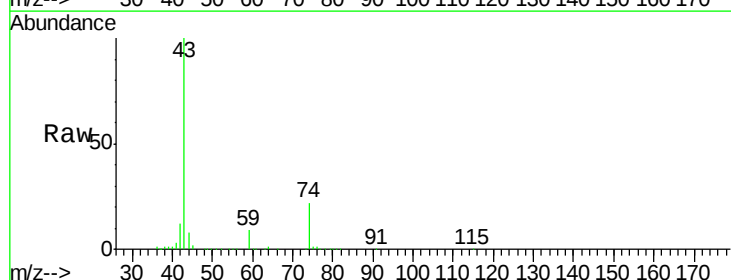
Manual Integrations
APPROVED

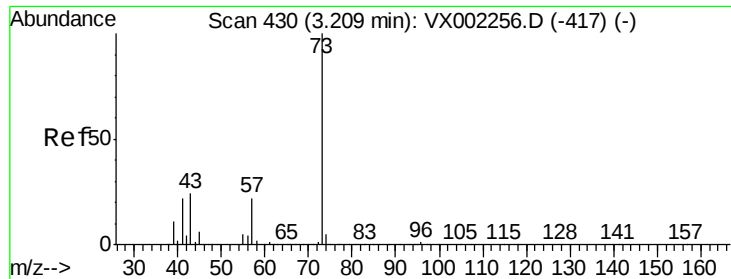
MMDadoda
6/15/2018 1:11:56 PM



#18
Methyl Acetate
Concen: 19.496 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	16.7	25.1





#19

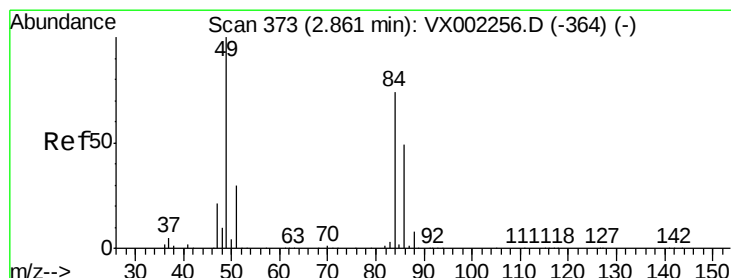
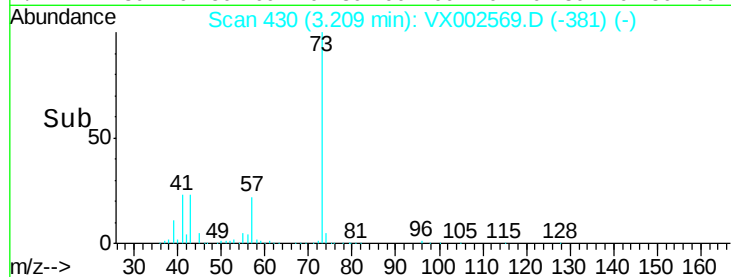
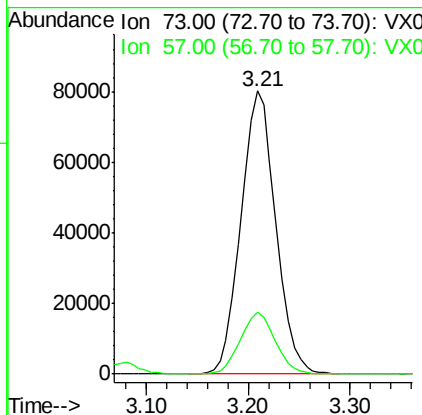
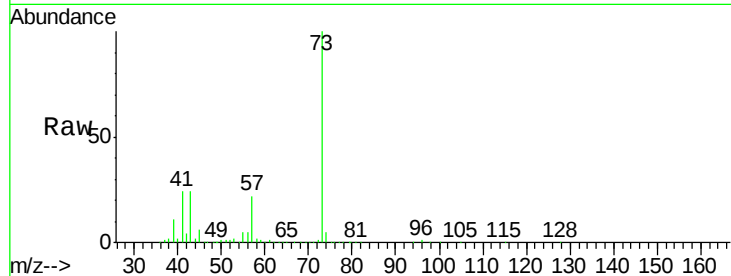
Methyl tert-butyl Ether
 Concen: 19.431 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.7	26.5

Manual Integrations
 APPROVED

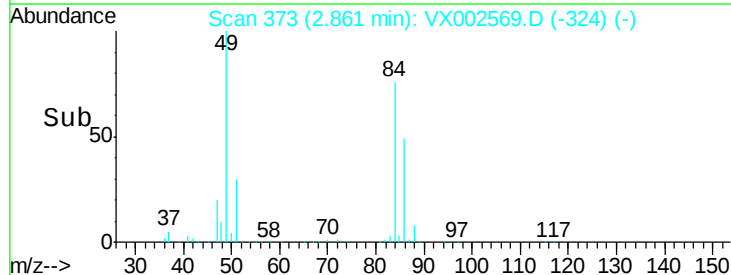
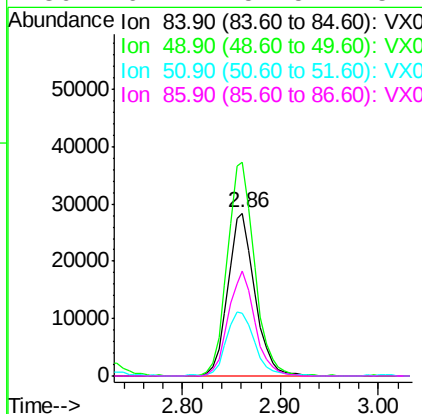
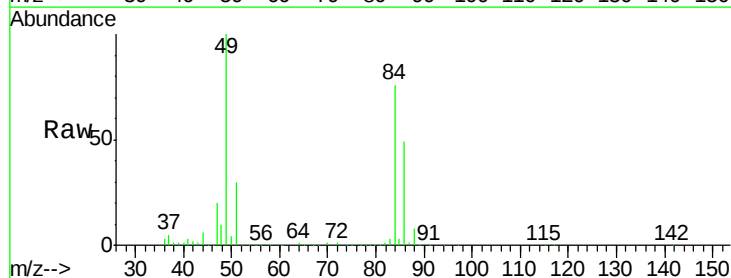
MMDadoda
 6/15/2018 1:11:56 PM

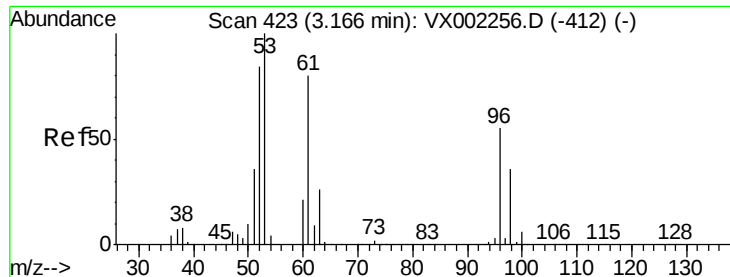


#20

Methylene Chloride
 Concen: 17.693 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.0	107.8	161.6
51	38.7	32.8	49.2
86	64.2	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 16.508 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion: 96 Resp: 47479

Ion Ratio Lower Upper

96 100

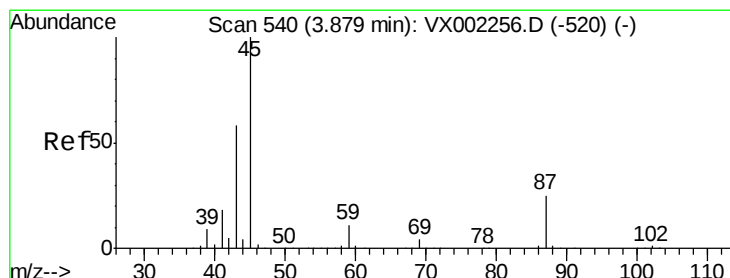
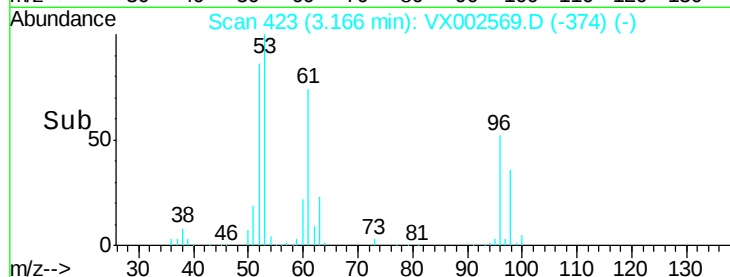
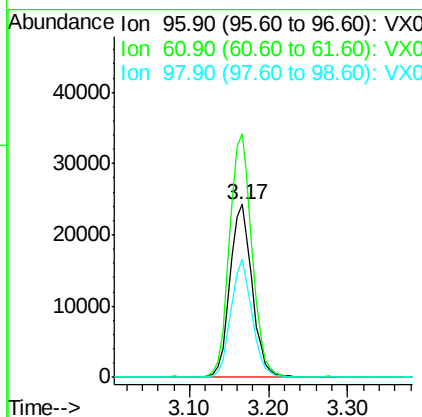
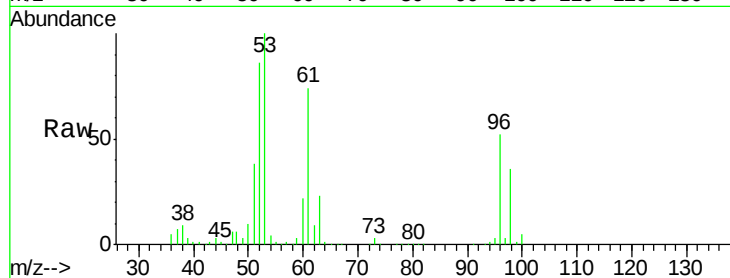
61 140.6 117.0 175.4

98 68.1 52.4 78.6

Manual Integrations
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6/15/2018 1:11:56 PM



#22

Diisopropyl ether

Concen: 16.994 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Tgt Ion: 45 Resp: 169970

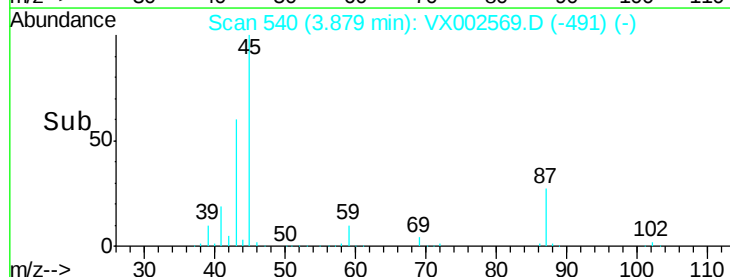
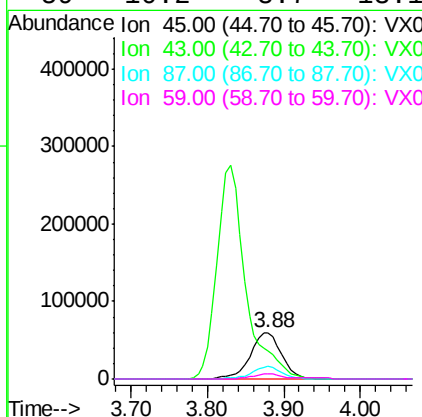
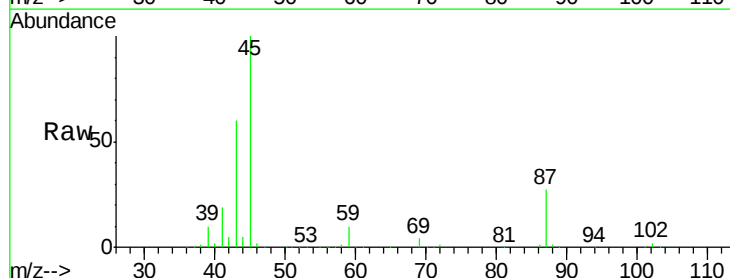
Ion Ratio Lower Upper

45 100

43 59.5 46.8 70.2

87 26.6 20.2 30.4

59 10.2 8.7 13.1





#23

Vinyl Acetate

Concen: 78.875 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion: 43 Resp: 723730

Ion Ratio Lower Upper

43 100

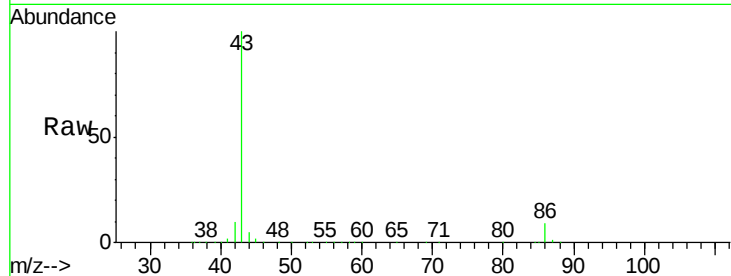
86 9.4 7.4 11.0

Manual Integrations

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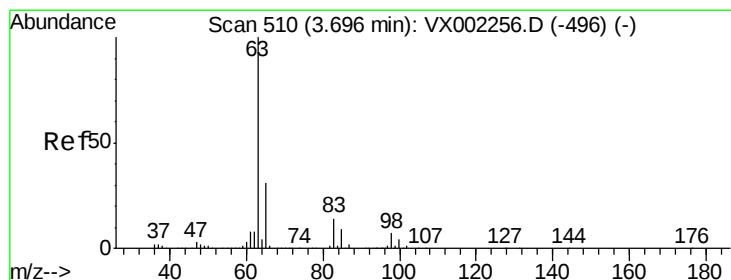
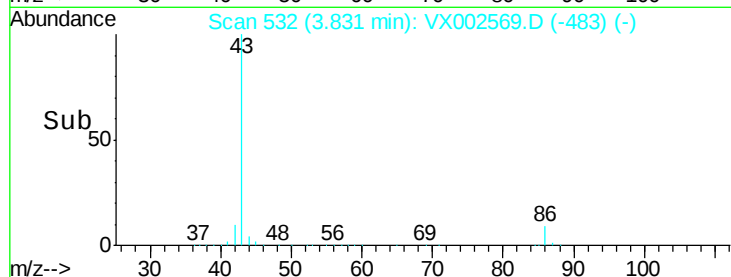
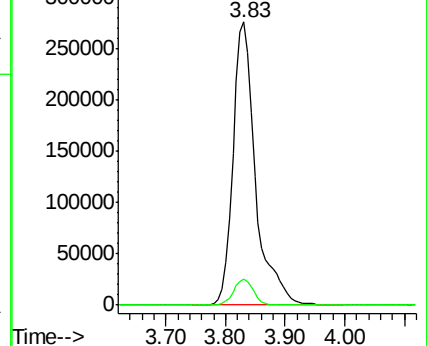
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 15.348 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

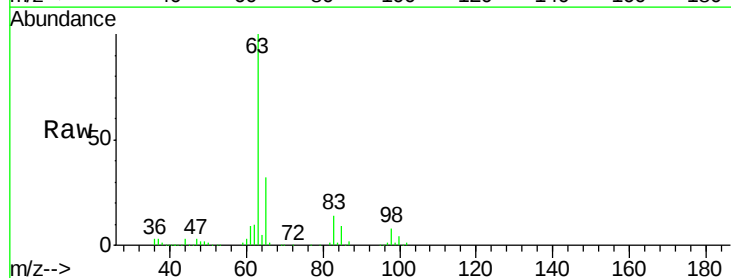
Tgt Ion: 63 Resp: 85859

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.2

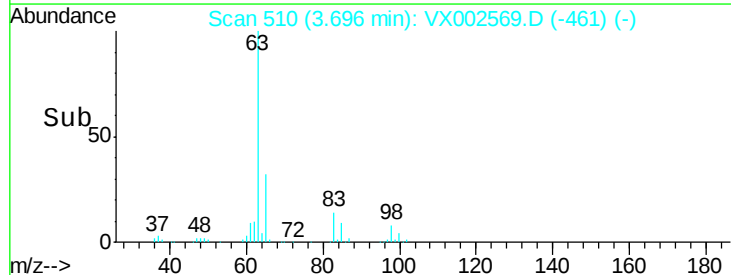
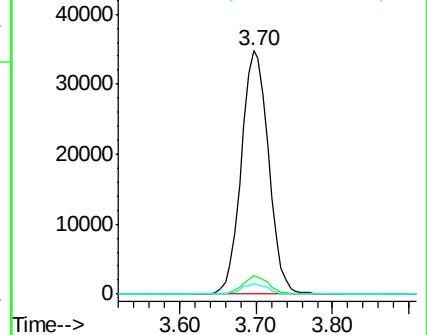
100 4.3 2.0 6.0

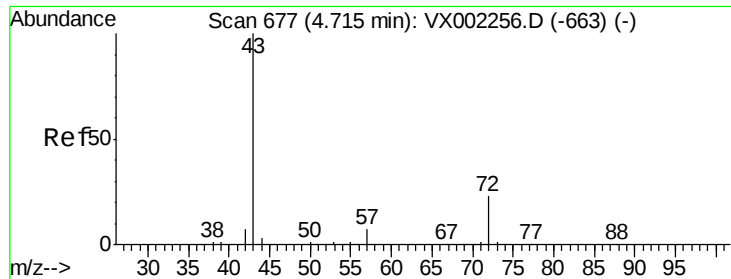


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 83.267 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion: 43 Resp: 200021

Ion Ratio Lower Upper

43 100

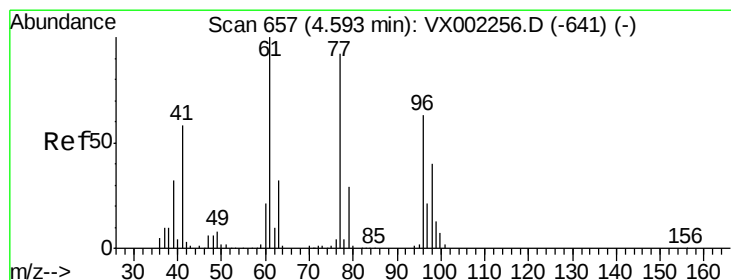
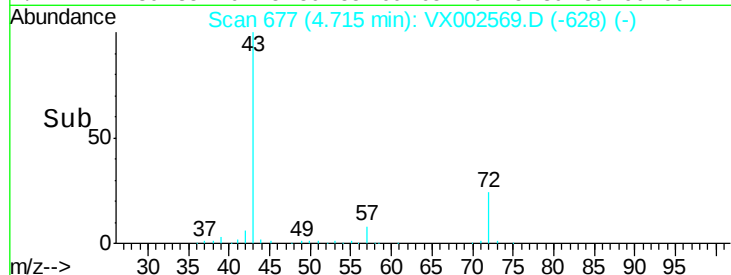
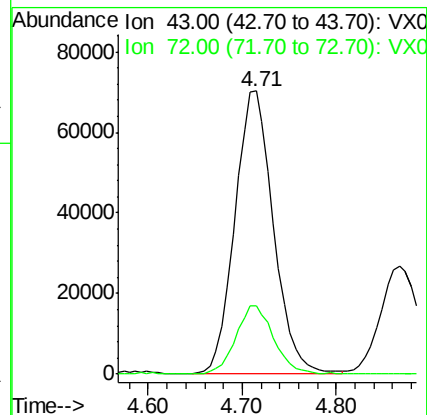
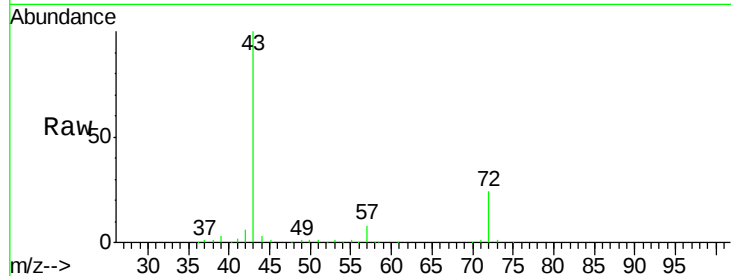
72 23.9 18.5 27.7

Manual Integrations

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MMDadoda

6/15/2018 1:11:56 PM



#26

2,2-Dichloropropane

Concen: 11.428 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX002569.D

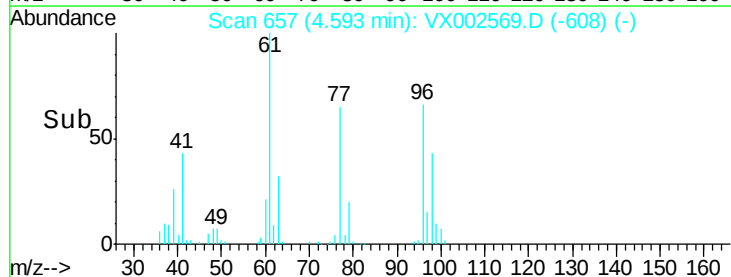
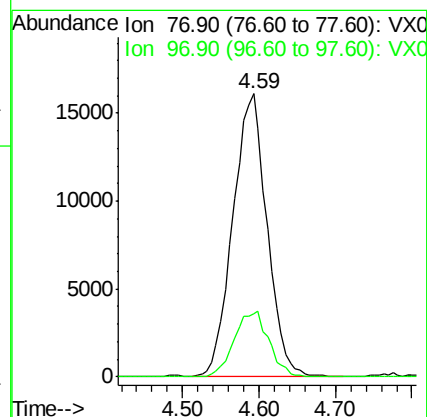
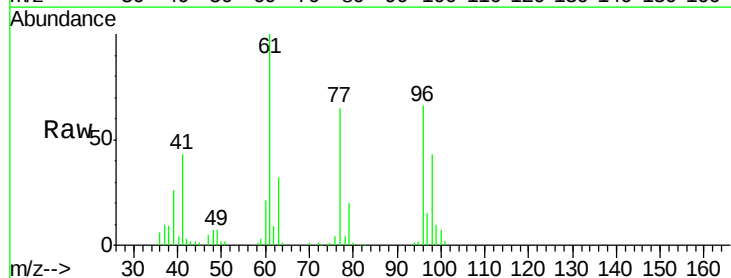
Acq: 14 Jun 2018 23:51

Tgt Ion: 77 Resp: 49973

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.5





#27

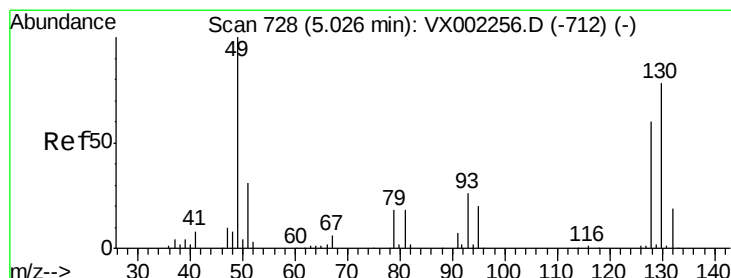
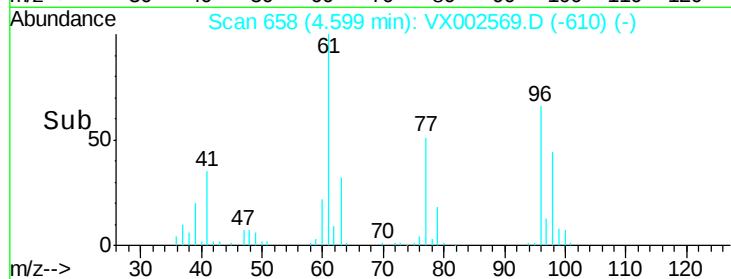
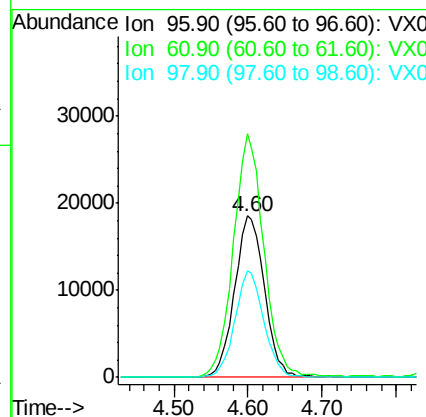
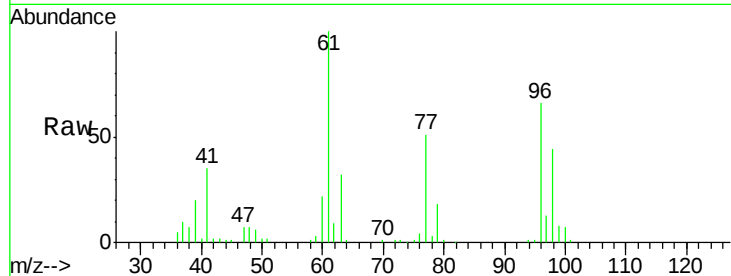
cis-1,2-Dichloroethene
Concen: 16.686 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	52192		
61	153.8		0.0	330.2
98	63.6		0.0	130.2

Manual Integrations
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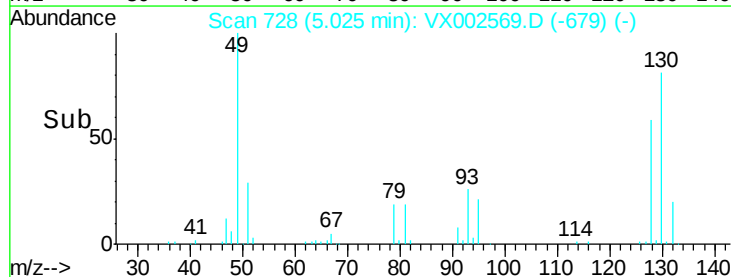
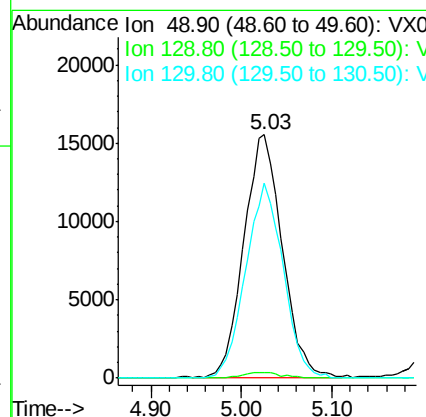
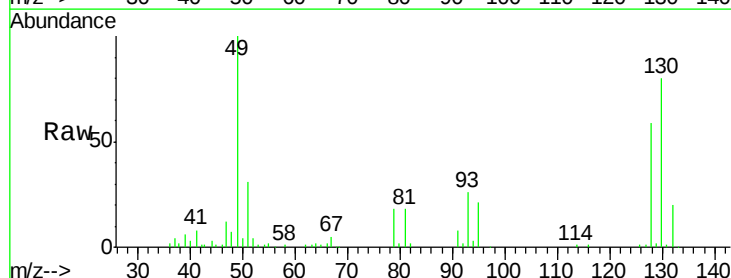
MMDadoda
6/15/2018 1:11:56 PM

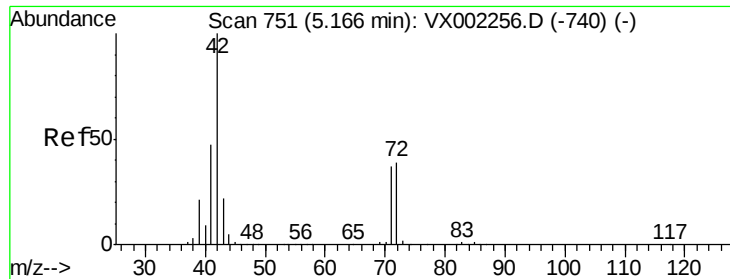


#28

Bromochloromethane
Concen: 16.971 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45972		
129	2.2		0.0	4.2
130	77.9		61.2	91.8





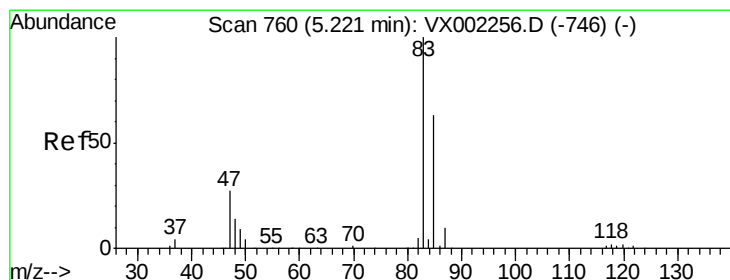
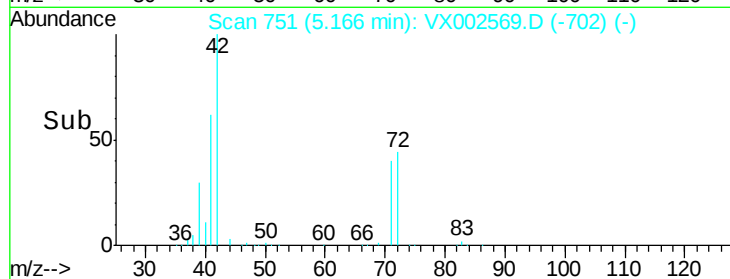
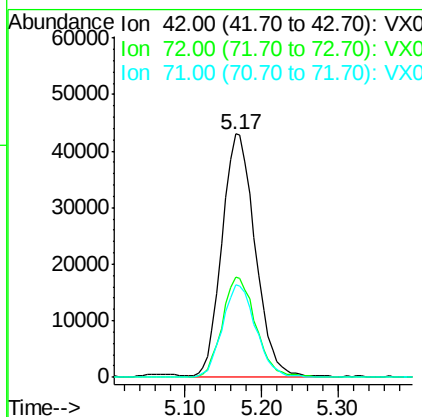
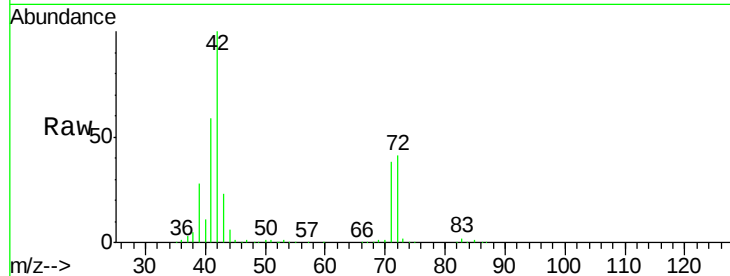
#29
Tetrahydrofuran
Concen: 83.393 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.0	48.0
71	38.4	30.1	45.1

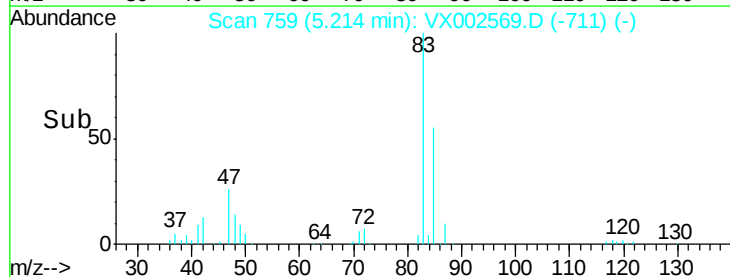
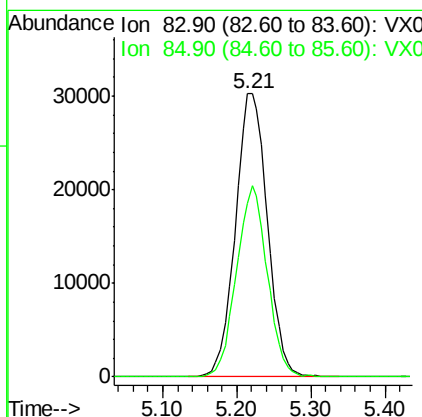
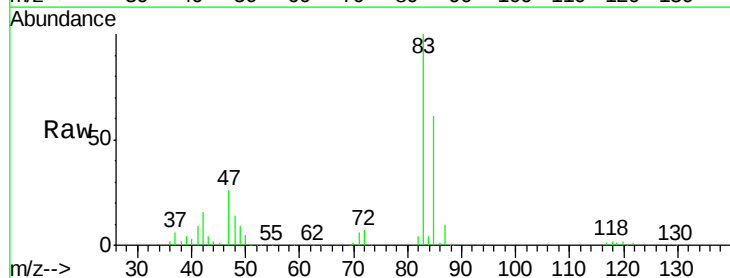
Manual Integrations
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#30
Chloroform
Concen: 16.907 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.4	75.6





#31

Cyclohexane

Concen: 13.500 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

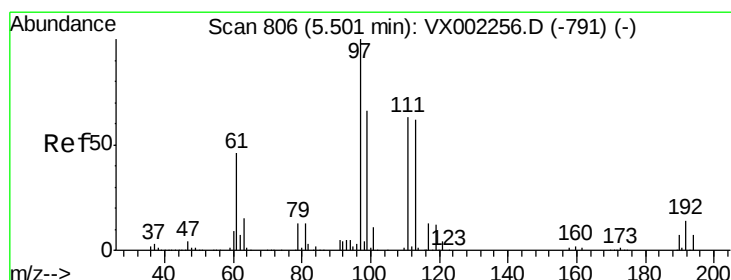
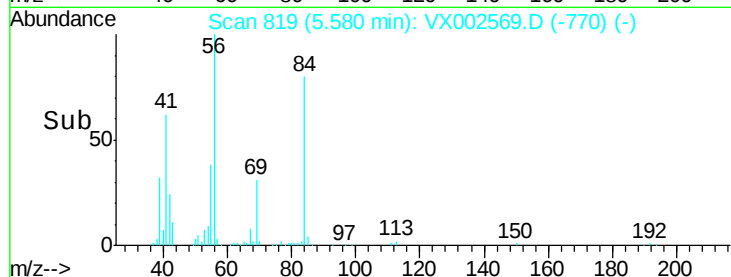
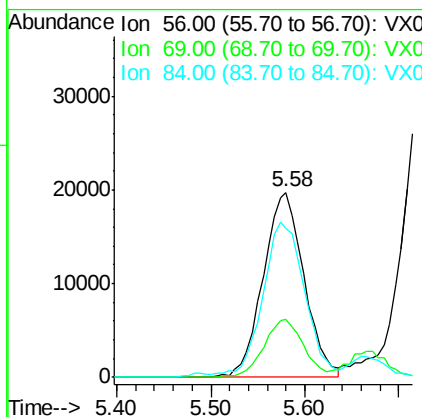
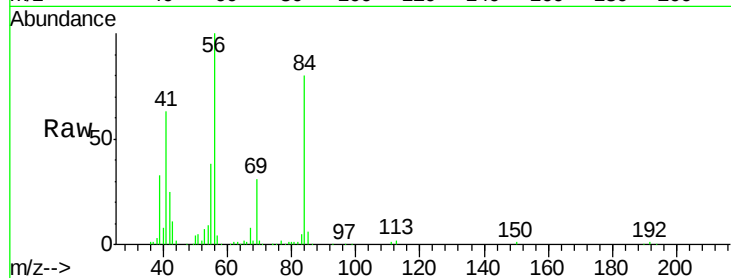
ClientSampleId :

VX0614WBS02

Tot Ion:	56	Resp:	59718
Ion Ratio	Lower	Upper	
56	100		
69	30.6	23.7	35.5
84	79.3	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 15.946 ug/l

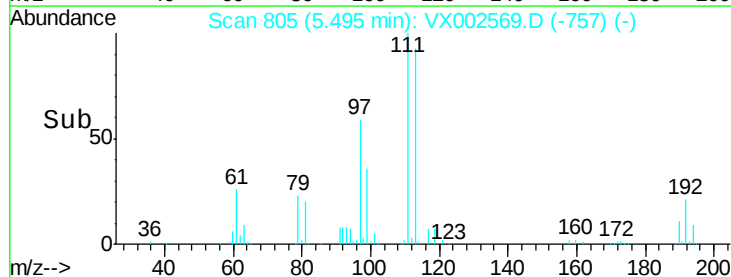
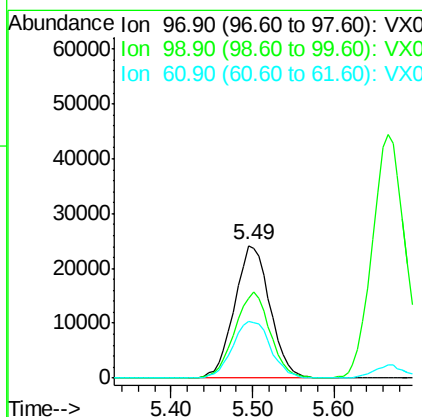
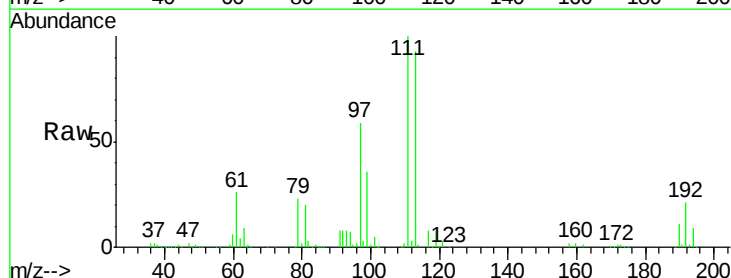
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Tgt Ion:	97	Resp:	73003
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.6	77.4
61	45.9	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 50.646 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion: 65 Resp: 177280

Ion Ratio Lower Upper

65 100

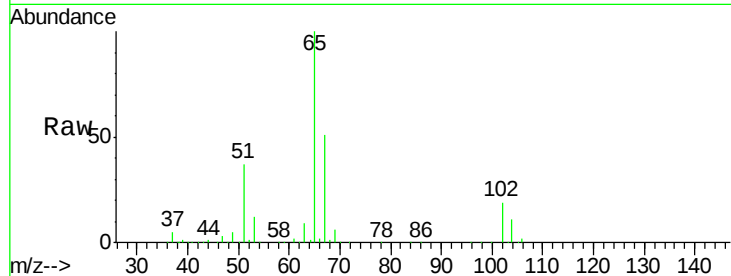
67 50.9 0.0 102.6

Manual Integrations

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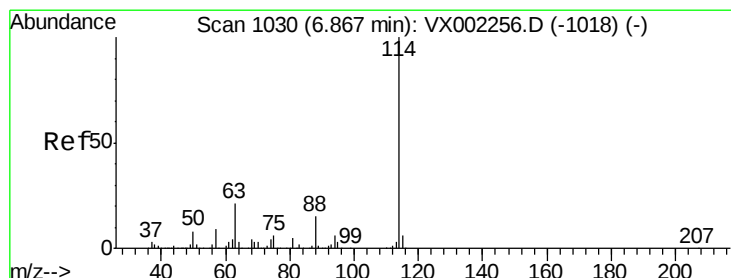
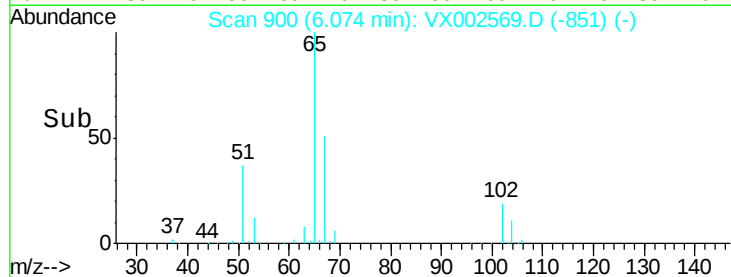
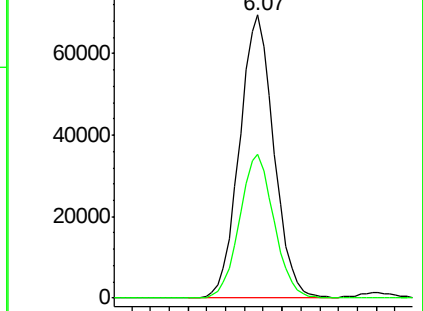
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

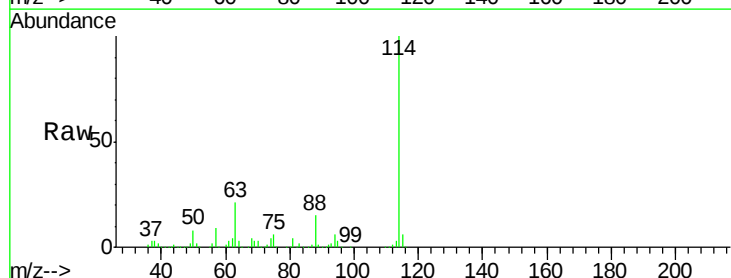
Tgt Ion: 114 Resp: 349677

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

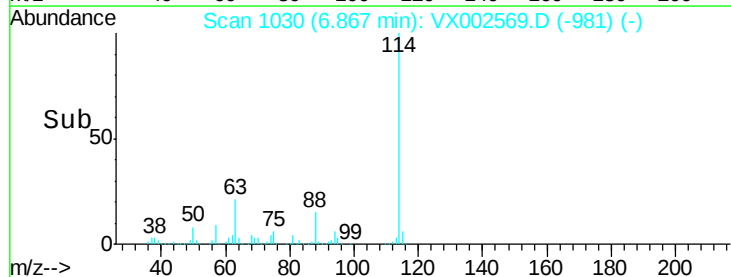
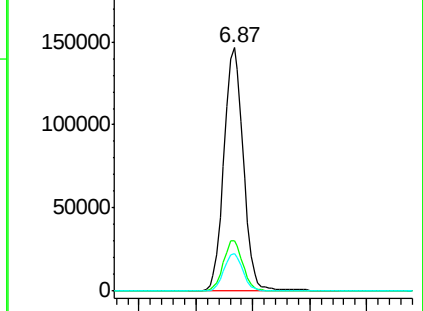
88 15.3 0.0 30.0

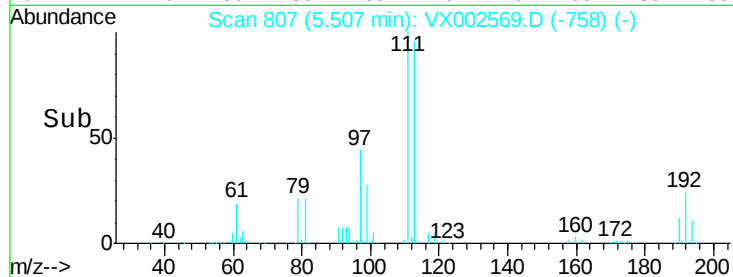
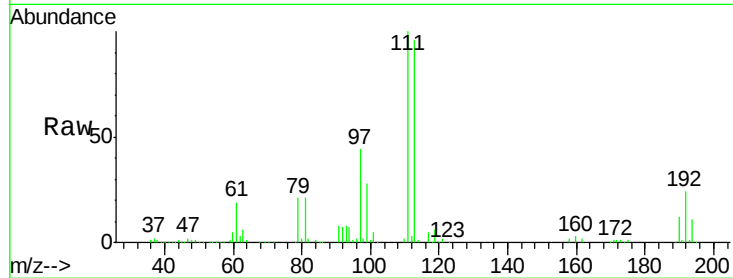
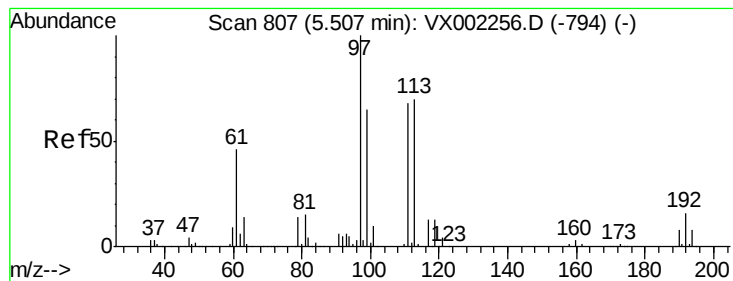


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.632 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002569.D

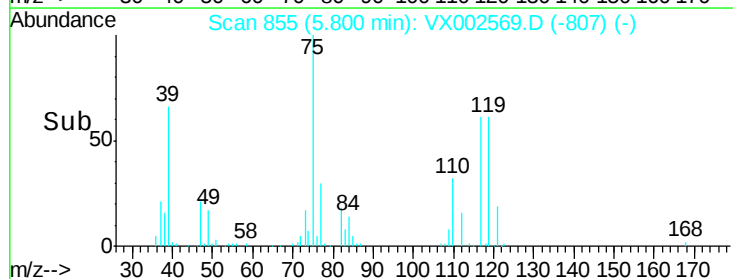
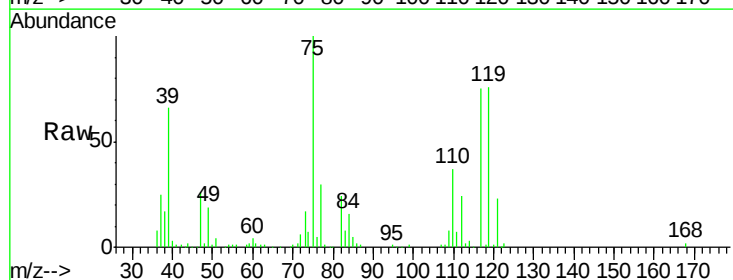
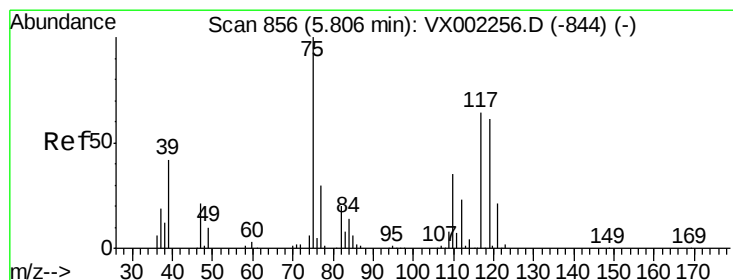
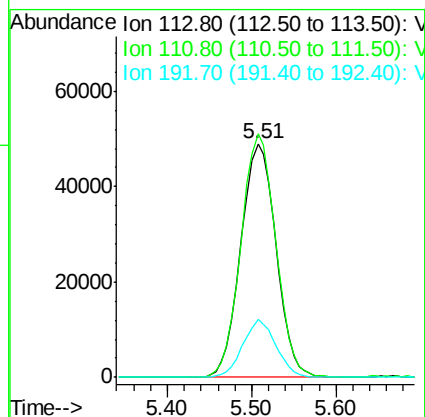
Acq: 14 Jun 2018 23:51

Tot Ion:	113	Resp:	139233
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	23.3	19.1	28.7

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 15.727 ug/l

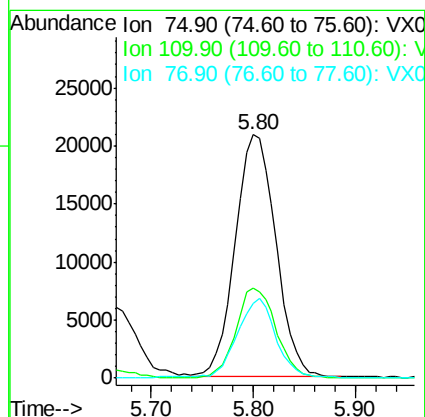
RT: 5.80 min Scan# 855

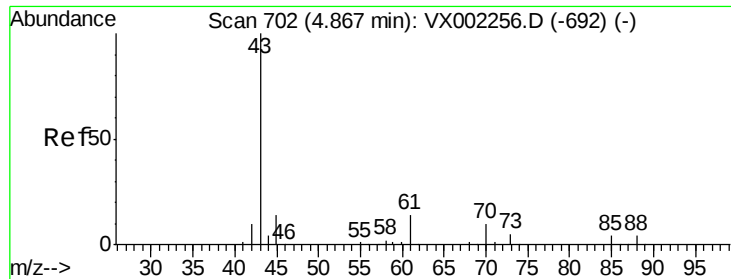
Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Tgt Ion:	75	Resp:	57815
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.4
77	32.2	24.3	36.5





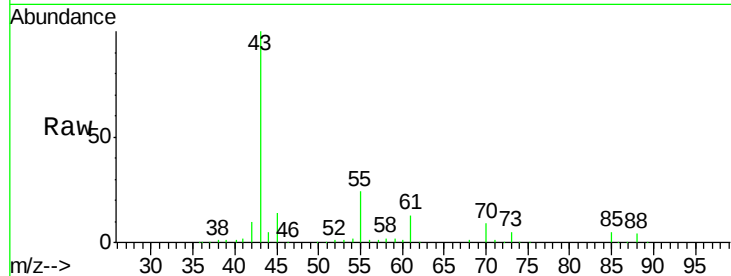
#37
Ethyl Acetate
Concen: 17.823 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

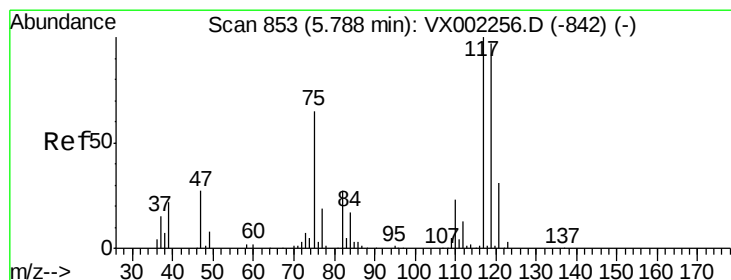
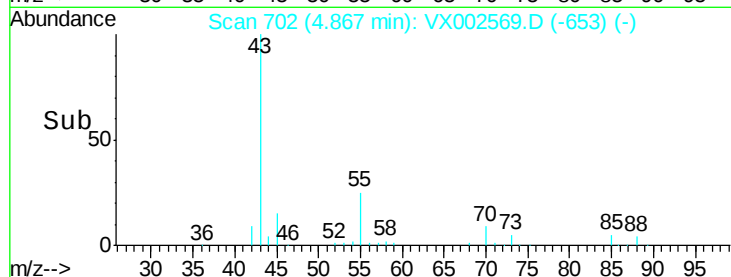
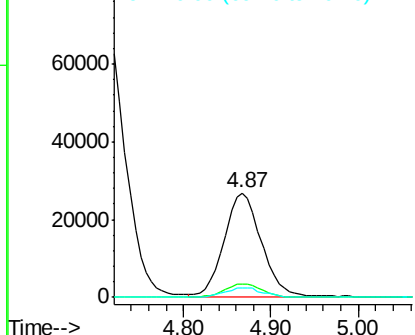
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.4	15.6
70	9.6	7.6	11.4

Manual Integrations
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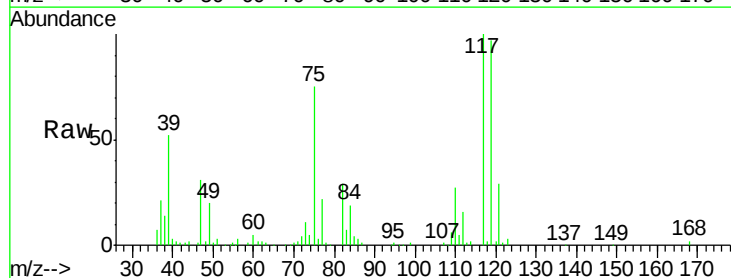


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

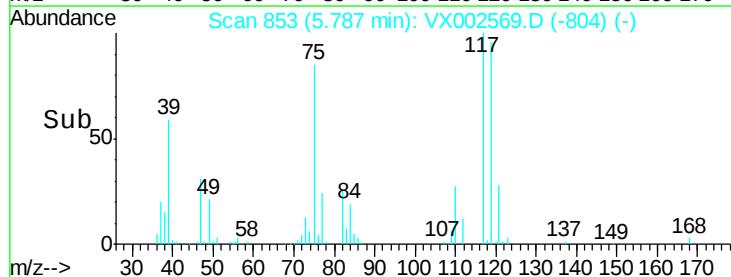
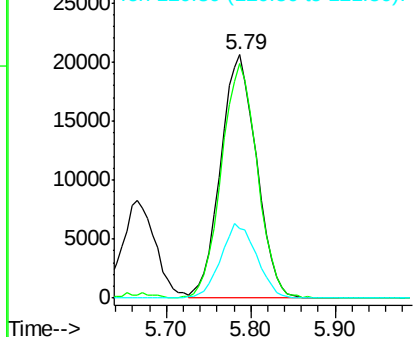


#38
Carbon Tetrachloride
Concen: 15.606 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.4	116.0
121	28.8	24.4	36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





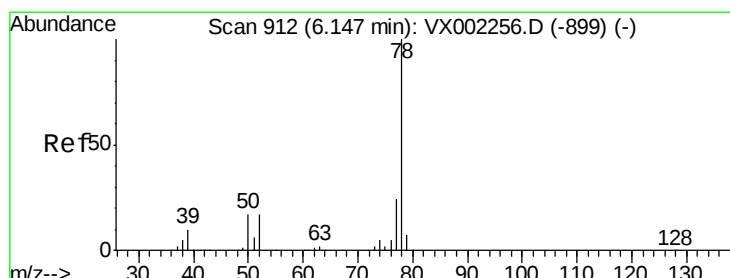
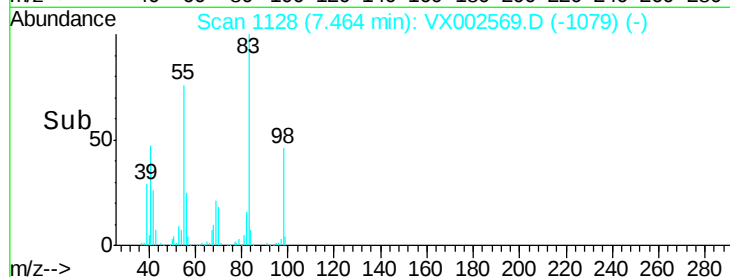
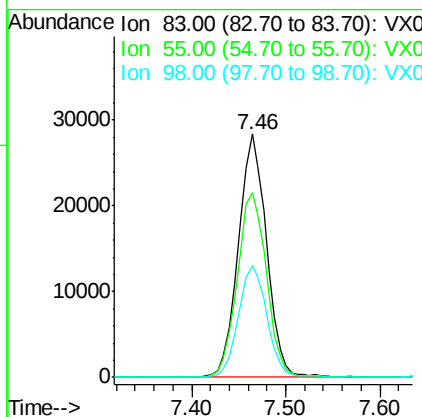
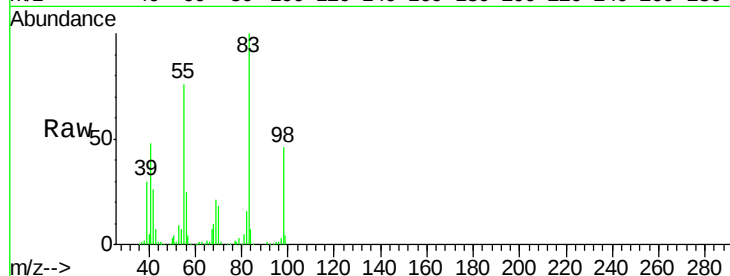
#39
Methvlcvclohexane
Concen: 13.260 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	65.4	98.0
98	45.7	37.4	56.0

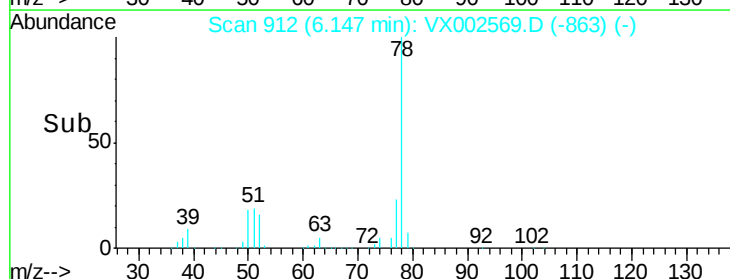
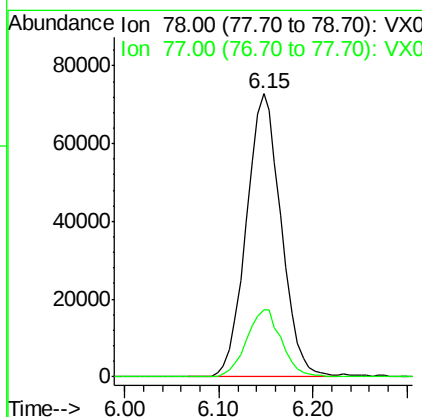
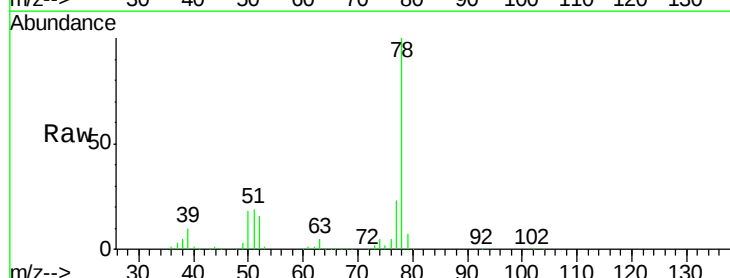
Manual Integrations
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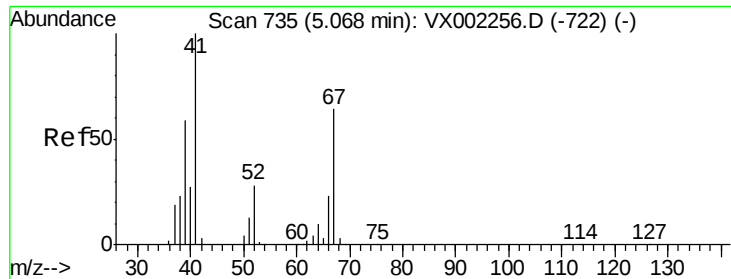
MMDadoda
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#40
Benzene
Concen: 16.760 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





#41

Methacrylonitrile

Concen: 17.856 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

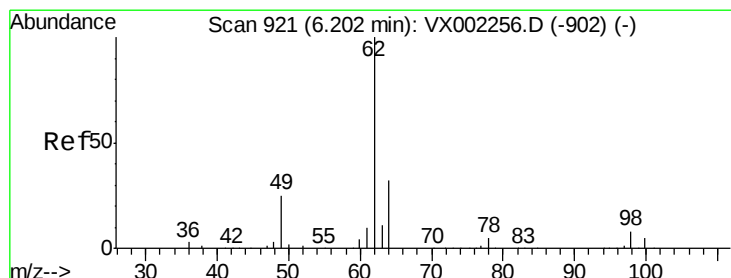
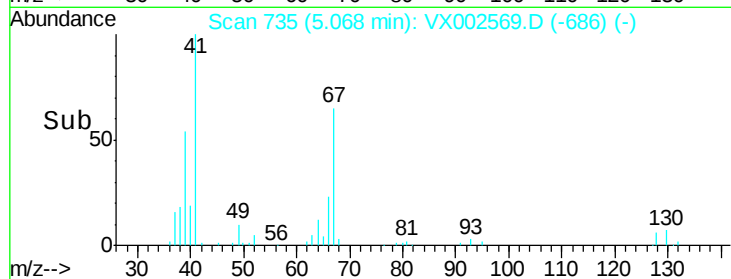
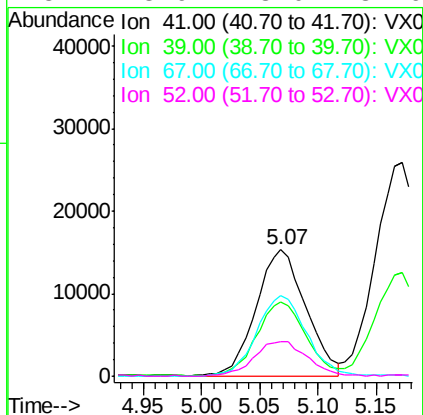
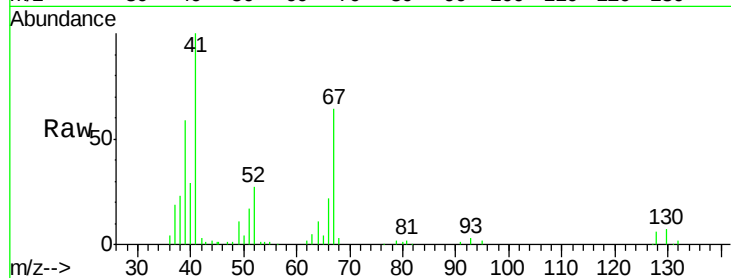
ClientSampleId :

VX0614WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.3	45.8	68.6	
67	64.6	51.3	76.9	
52	28.9	23.0	34.6	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 17.585 ug/l

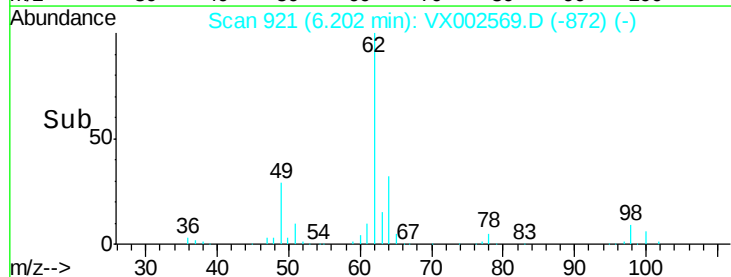
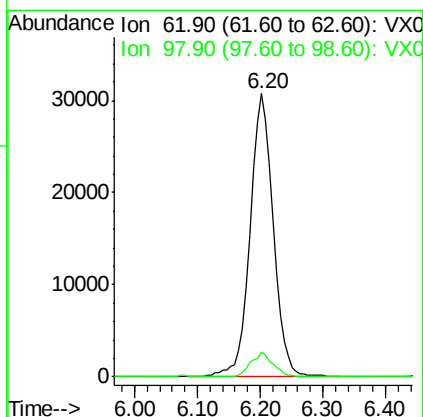
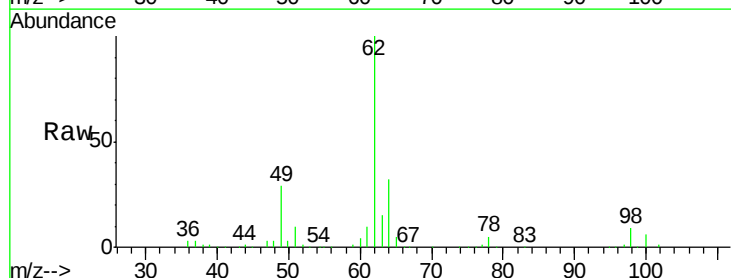
RT: 6.20 min Scan# 921

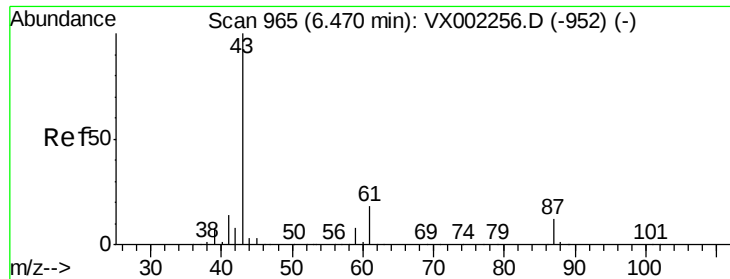
Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





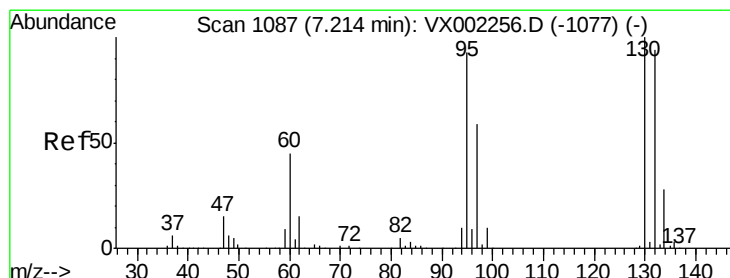
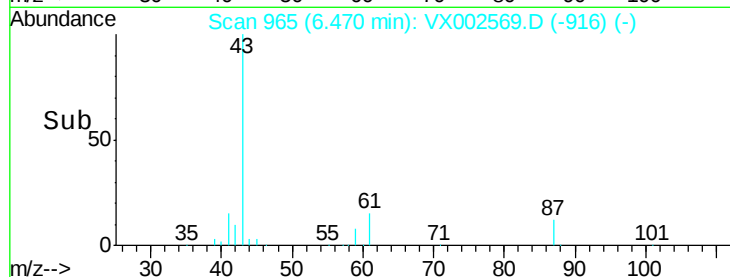
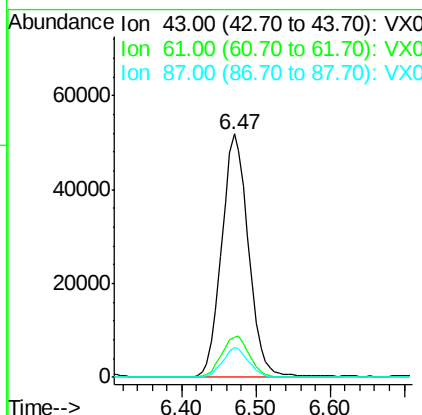
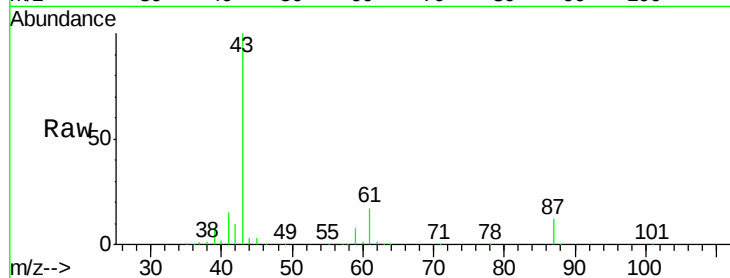
#43
Isopropyl Acetate
Concen: 17.279 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.4	21.6
87	11.9	9.5	14.3

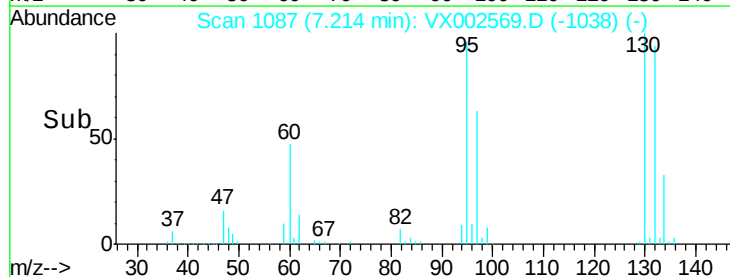
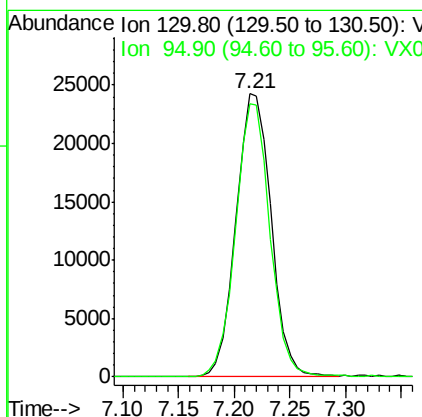
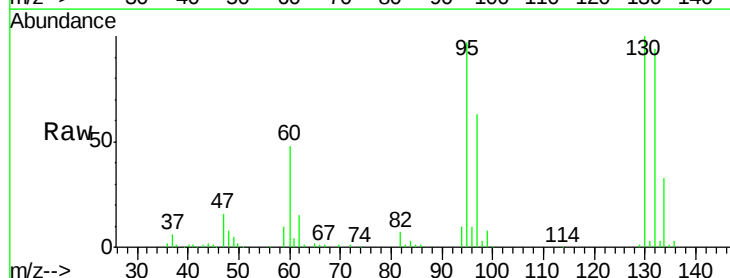
Manual Integrations
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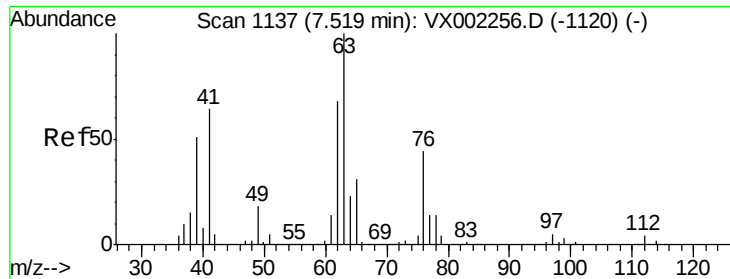
MMDadoda
6/15/2018 1:11:56 PM



#44
Trichloroethene
Concen: 16.982 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	185.4





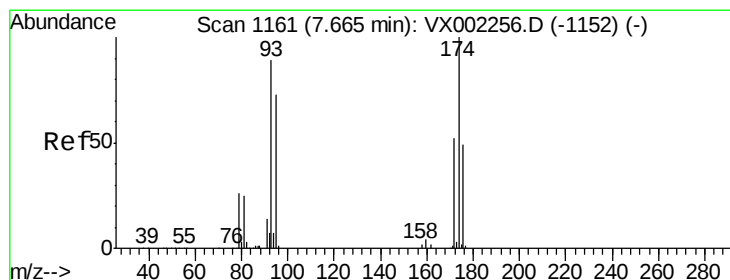
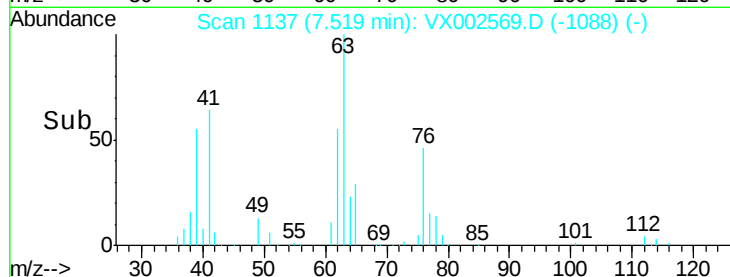
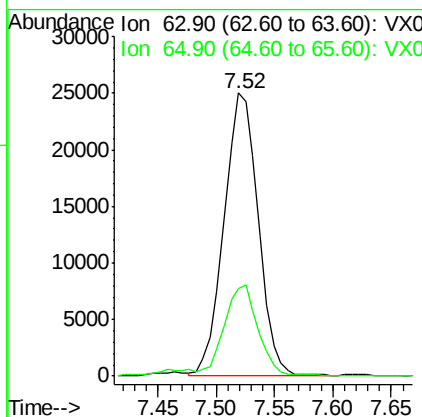
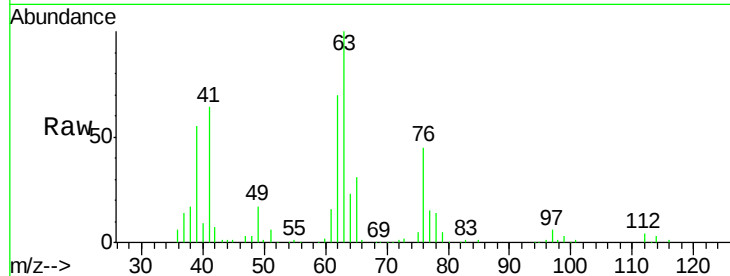
#45
 1,2-Dichloropropane
 Concen: 16.767 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS02

Tot Ion: 63 Resp: 51020
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

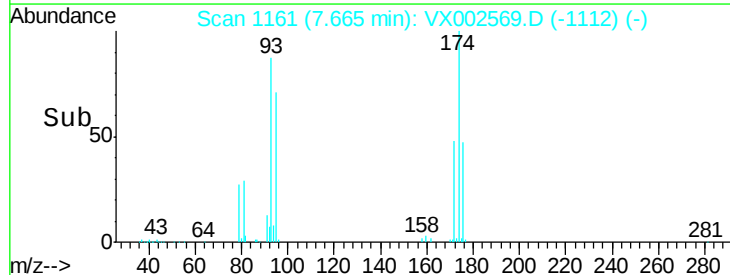
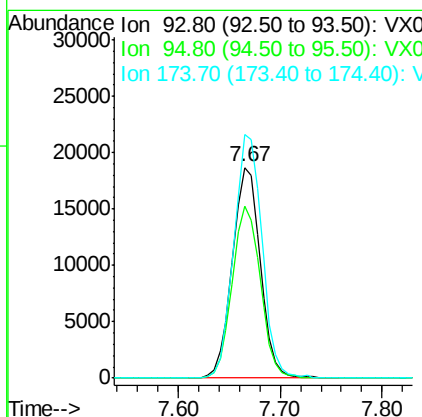
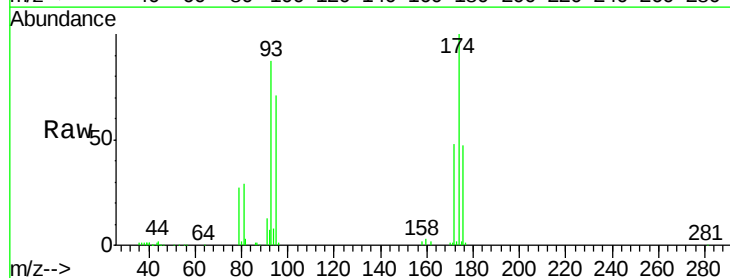
Manual Integrations
 APPROVED

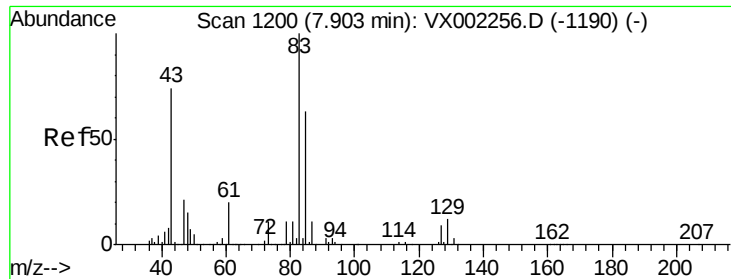
MMDadoda
 6/15/2018 1:11:56 PM



#46
 Dibromomethane
 Concen: 17.201 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion: 93 Resp: 35483
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.9 98.9
 174 116.2 92.4 138.6





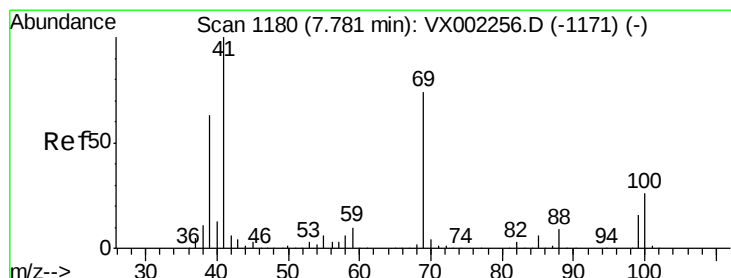
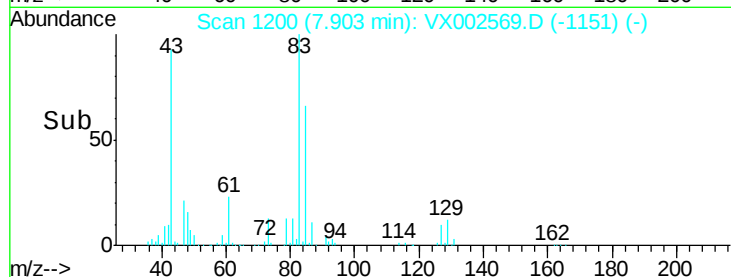
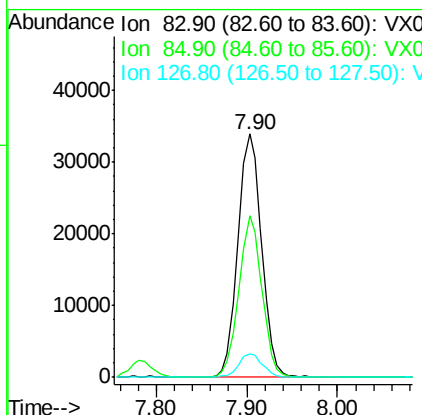
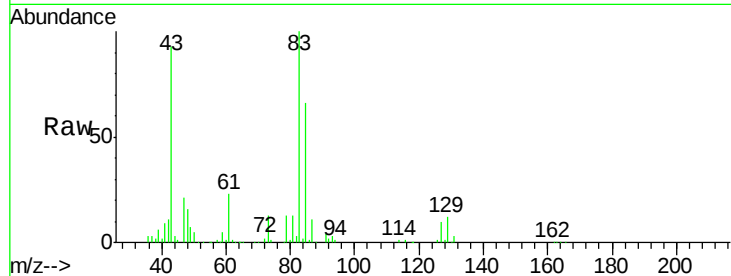
#47
Bromodichloromethane
Concen: 16.518 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.3	75.5
127	9.7	7.0	10.4

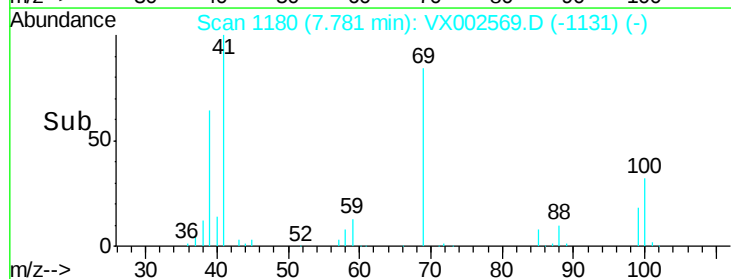
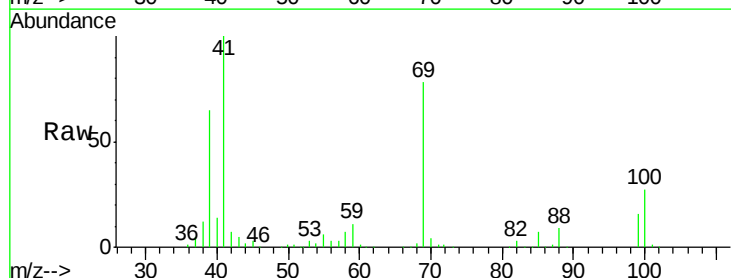
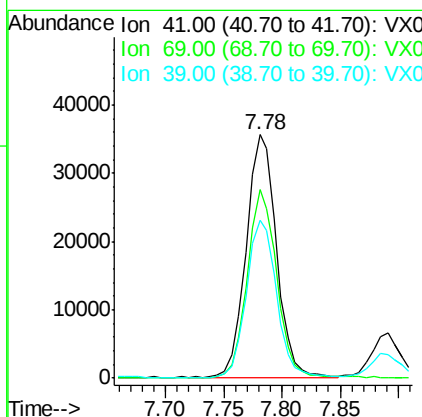
Manual Integrations
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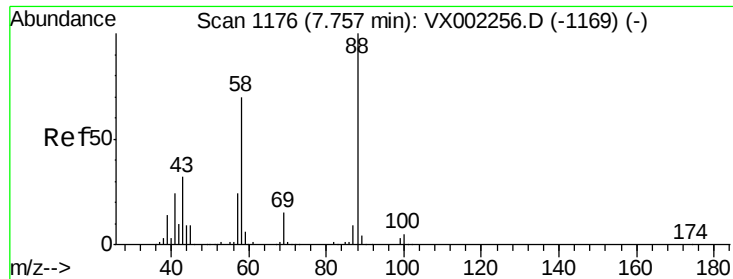
MMDadoda
6/15/2018 1:11:56 PM



#48
Methyl methacrylate
Concen: 17.102 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.9	59.1	88.7
39	64.6	48.9	73.3





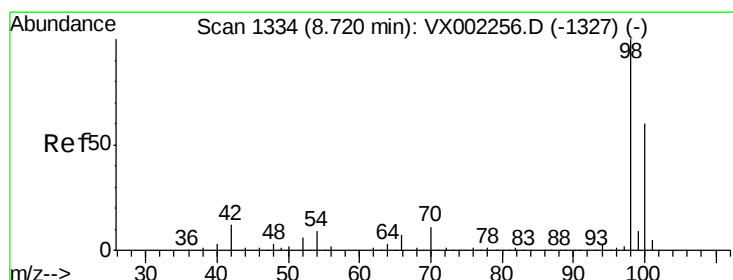
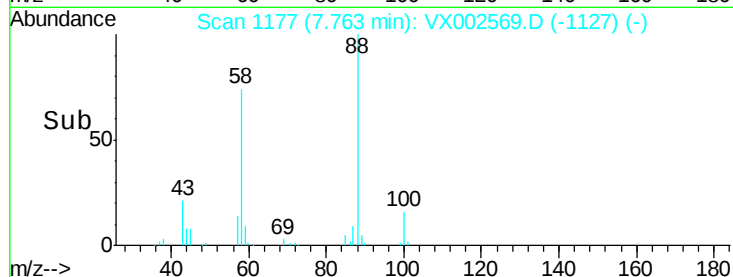
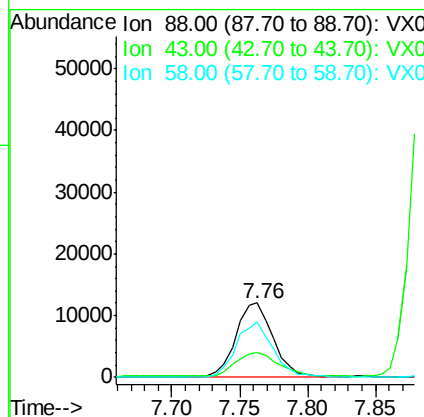
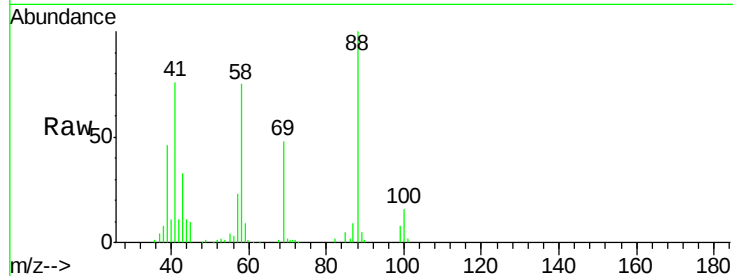
#49
1,4-Dioxane
Concen: 329.730 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	29.8	44.6
58	73.4	57.1	85.7

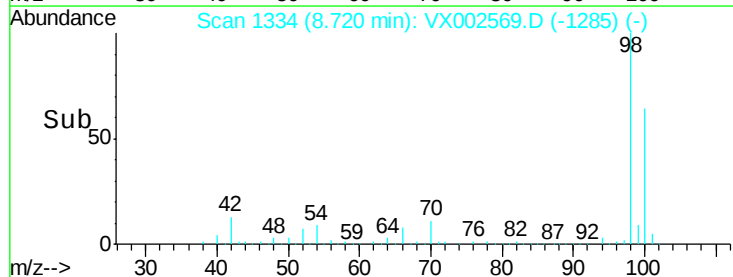
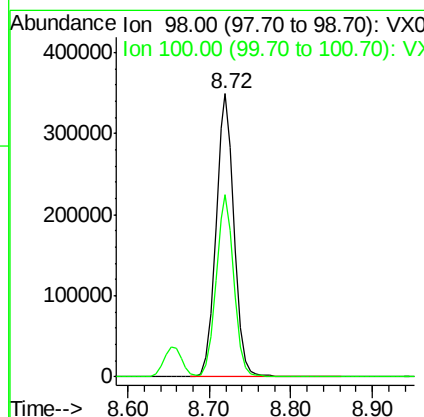
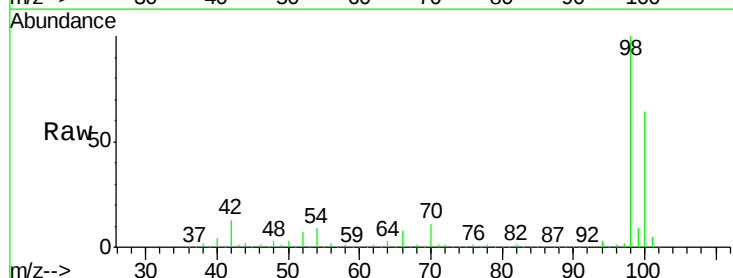
Manual Integrations
APPROVED

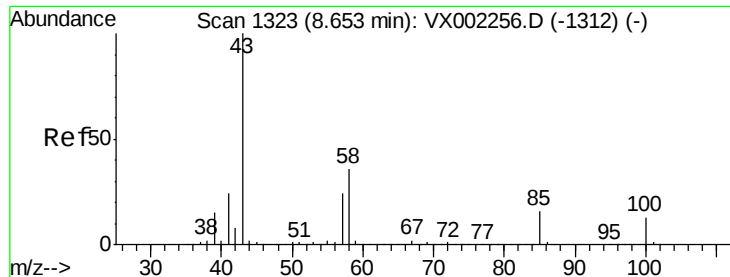
MMDadoda
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#50
Toluene-d8
Concen: 51.479 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 92.162 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion: 43 Resp: 430968

Ion Ratio Lower Upper

43 100

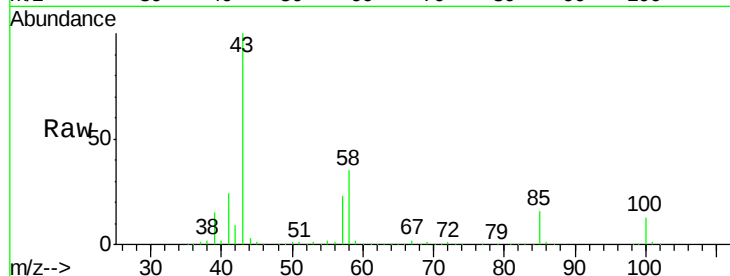
58 35.5 28.6 42.8

Manual Integrations

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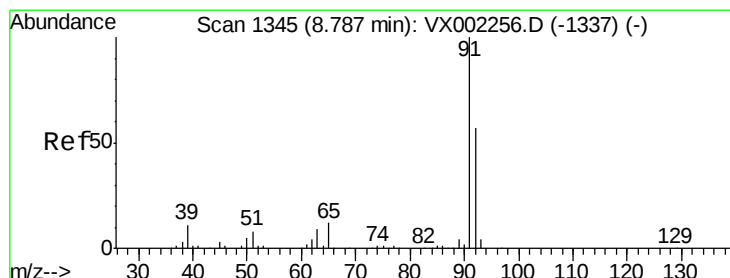
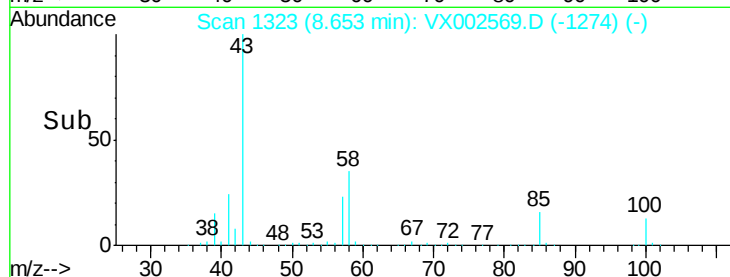
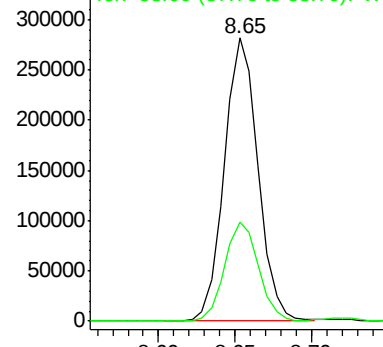
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 16.874 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002569.D

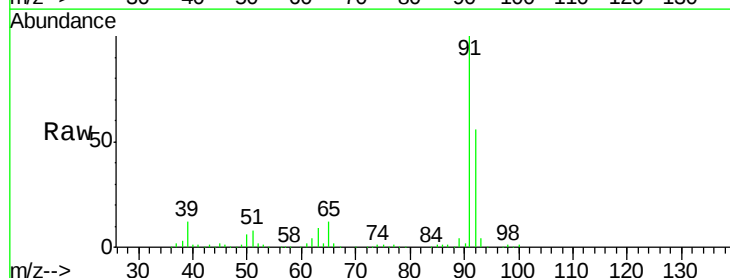
Acq: 14 Jun 2018 23:51

Tgt Ion: 92 Resp: 120966

Ion Ratio Lower Upper

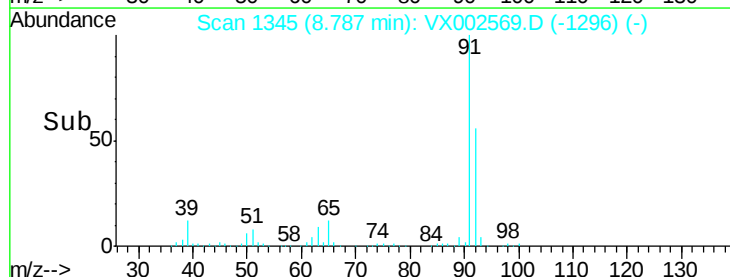
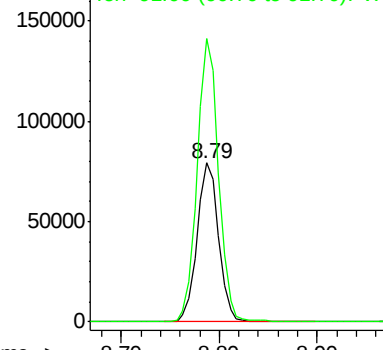
92 100

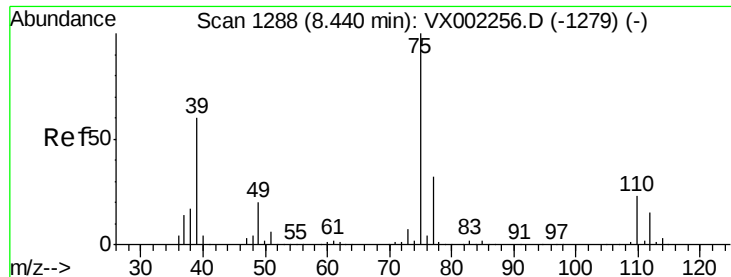
91 176.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





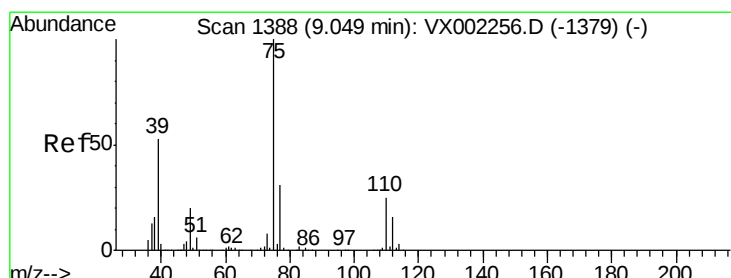
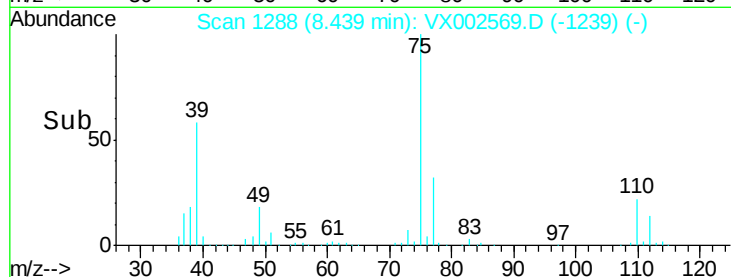
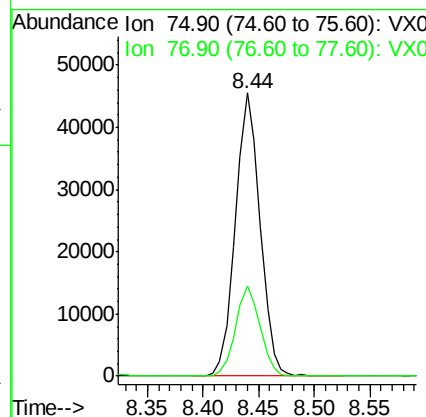
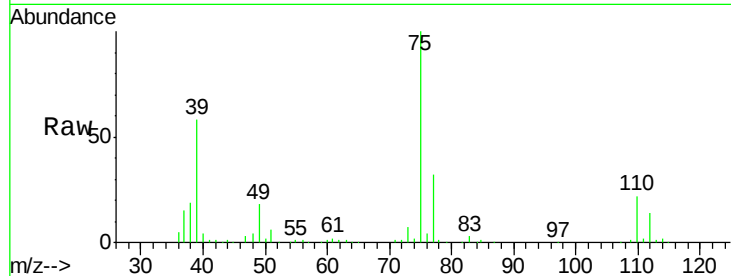
#53
t-1,3-Dichloropropene
Concen: 15.630 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2

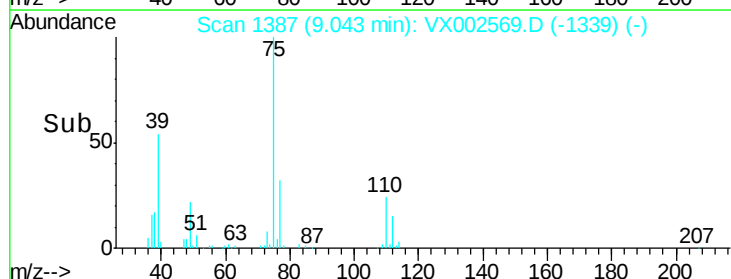
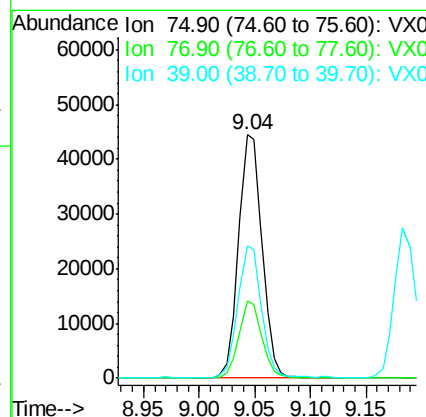
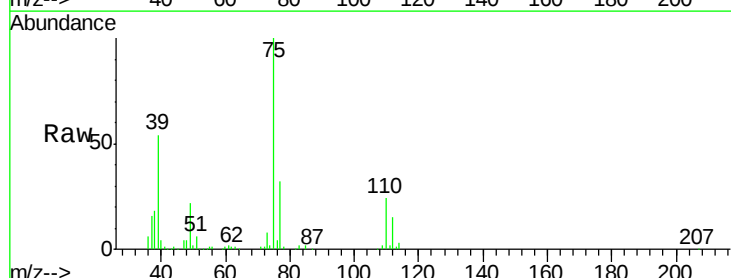
Manual Integrations
APPROVED

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#54
cis-1,3-Dichloropropene
Concen: 15.448 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.8	37.2
39	54.0	42.4	63.6





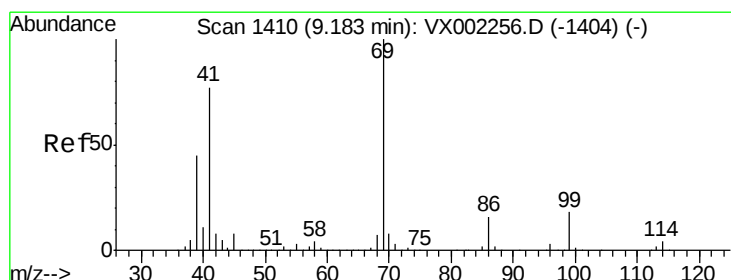
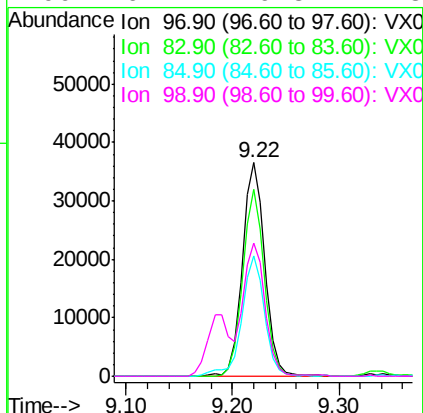
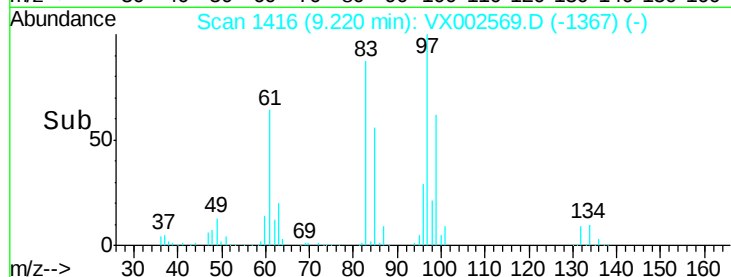
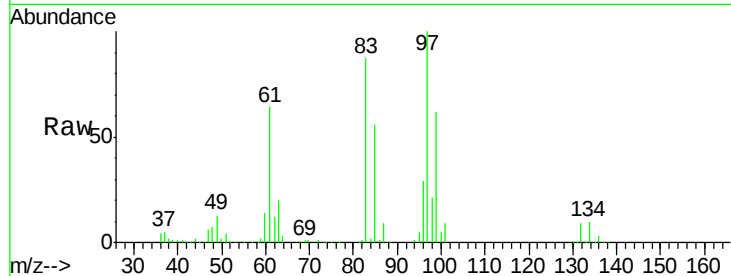
#55
 1,1,2-Trichloroethane
 Concen: 18.272 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS02

Tot Ion:	97	Resp:	53874
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.2	105.2
85	56.4	44.9	67.3
99	62.2	49.8	74.8

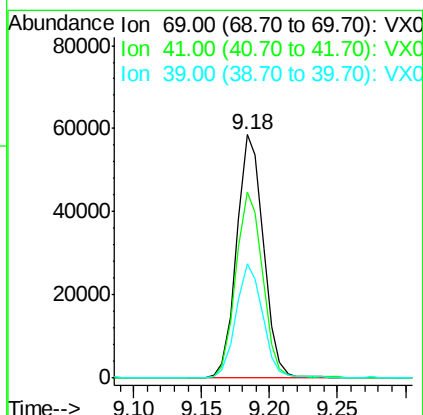
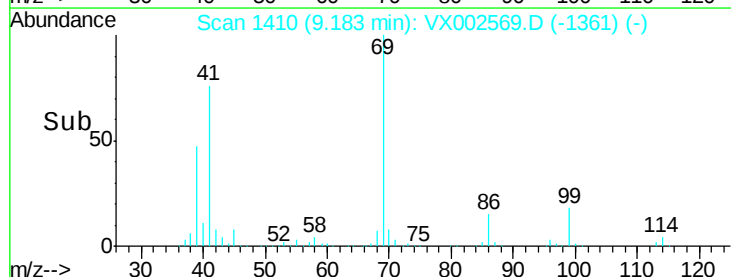
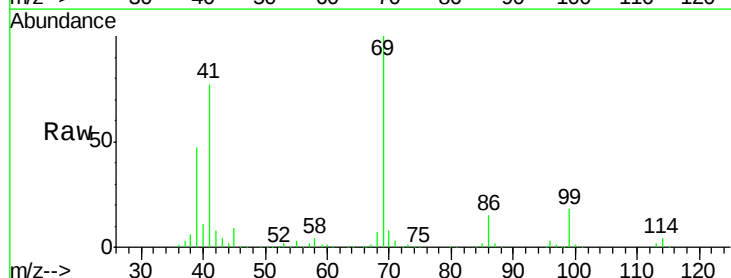
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 17.072 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion:	69	Resp:	80363
Ion	Ratio	Lower	Upper
69	100		
41	76.2	60.3	90.5
39	46.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 17.767 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion: 76 Resp: 87884

Ion Ratio Lower Upper

76 100

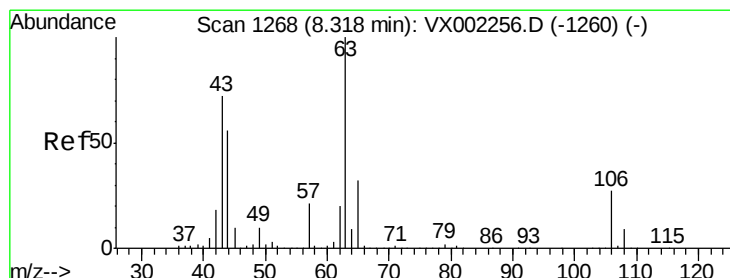
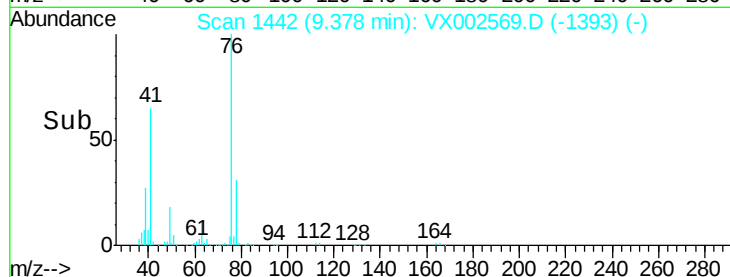
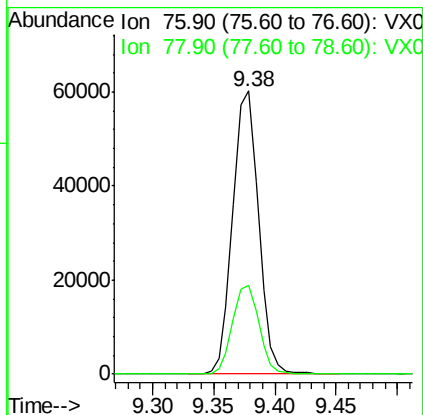
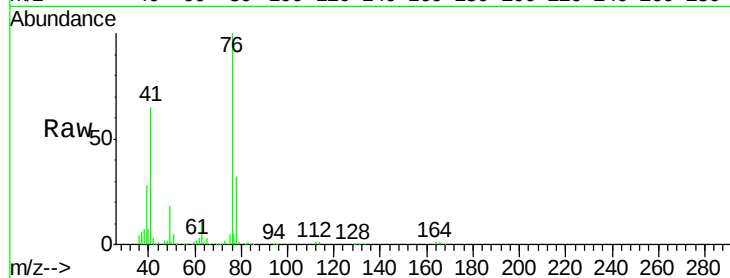
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 90.402 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002569.D

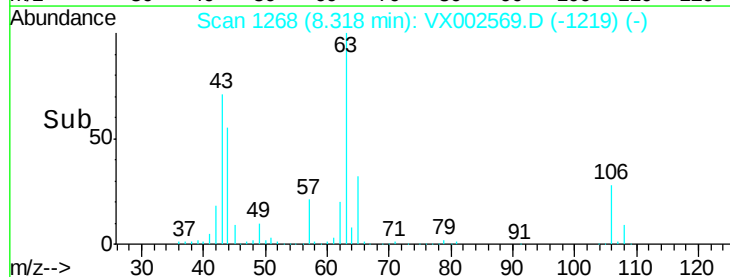
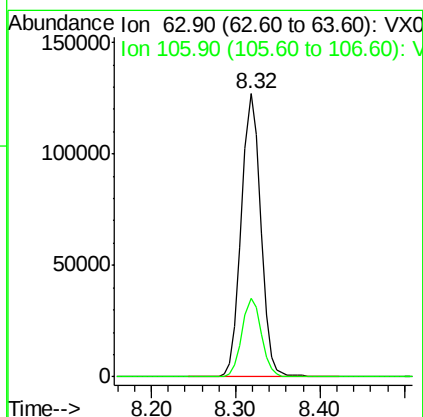
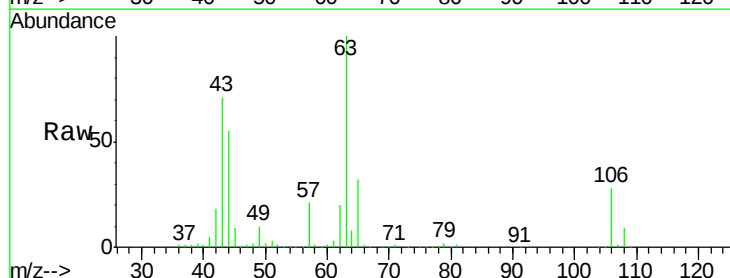
Acq: 14 Jun 2018 23:51

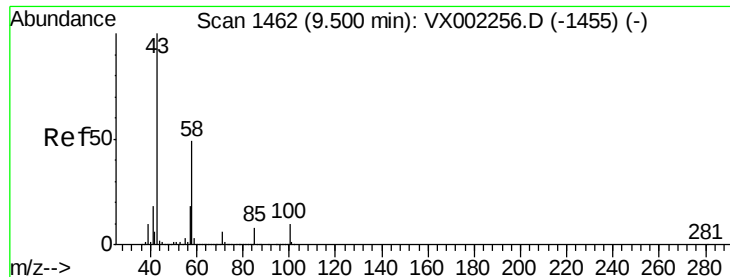
Tgt Ion: 63 Resp: 196963

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.8





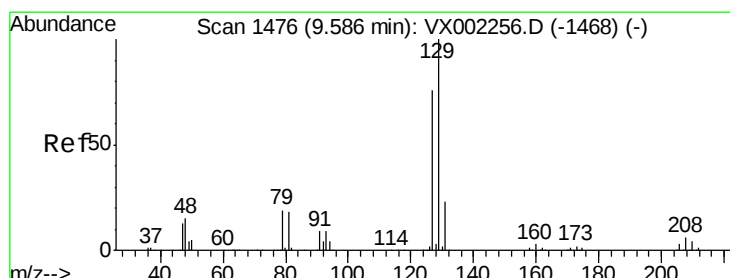
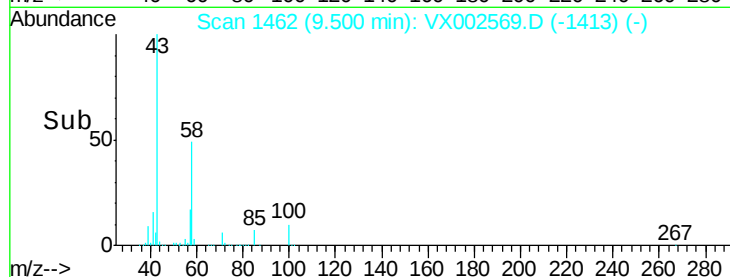
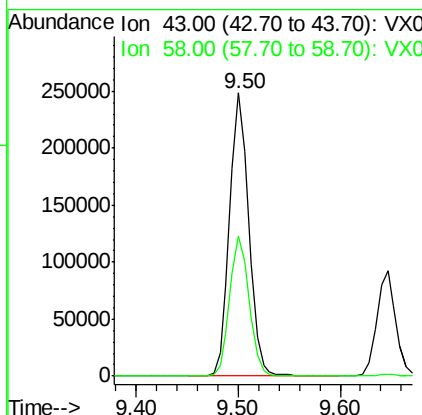
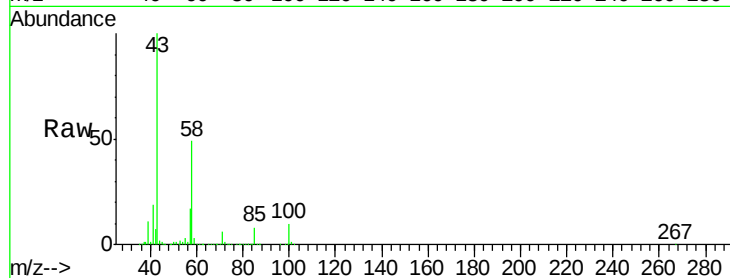
#59
2-Hexanone
Concen: 89.418 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion: 43 Resp: 322970
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6

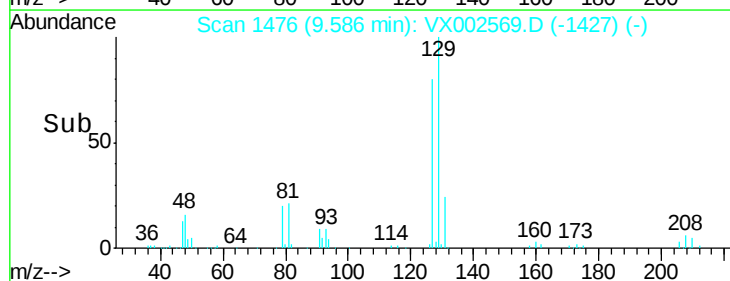
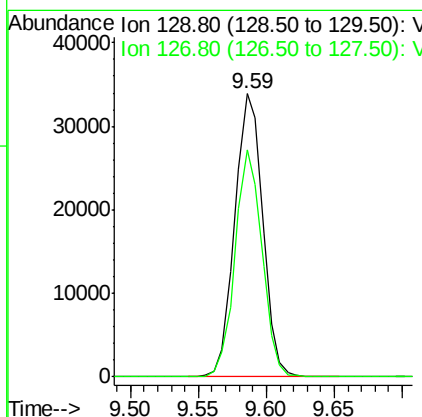
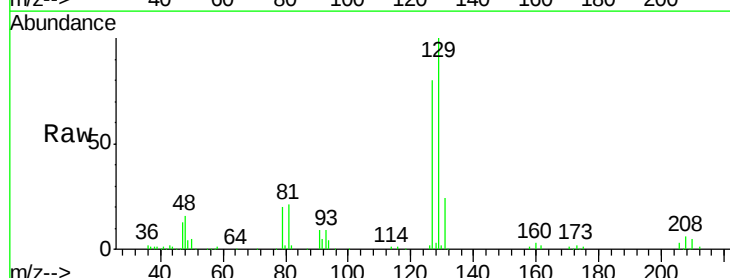
Manual Integrations
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#60
Dibromochloromethane
Concen: 16.361 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 129 Resp: 48521
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





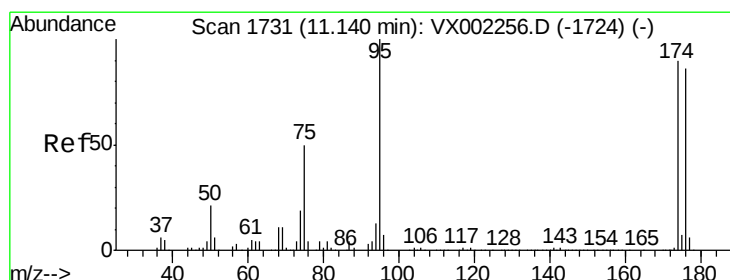
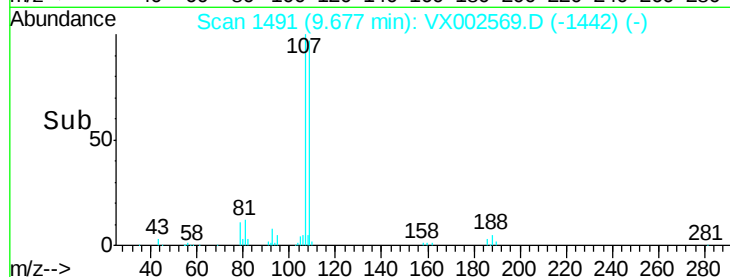
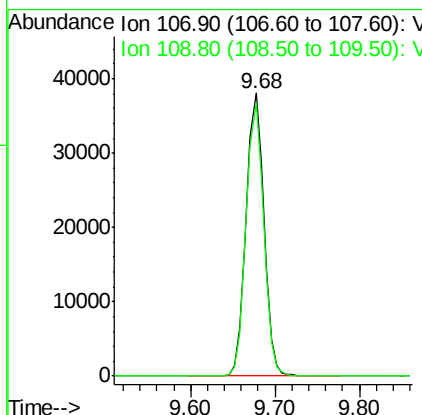
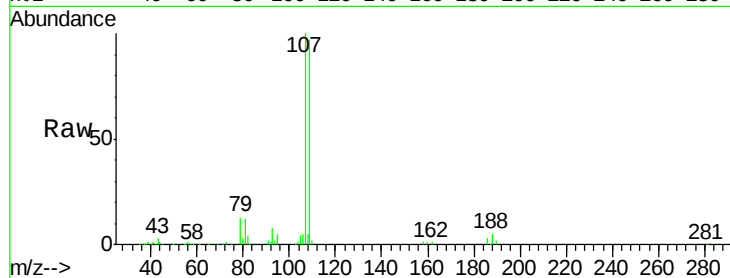
#61
 1,2-Dibromoethane
 Concen: 17.584 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.3	112.9

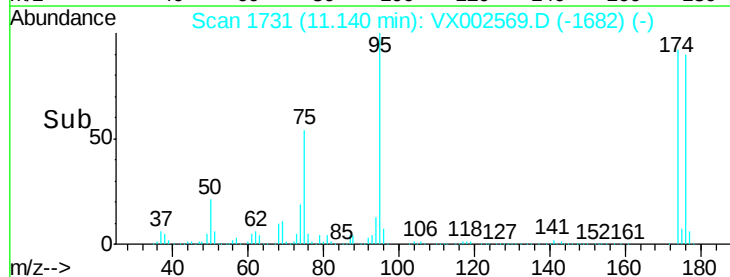
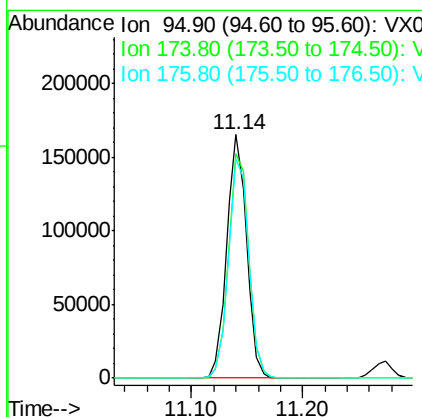
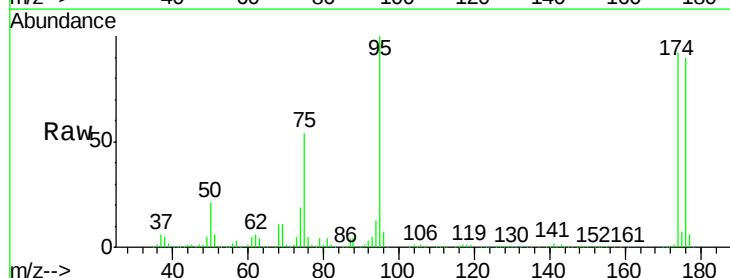
Manual Integrations
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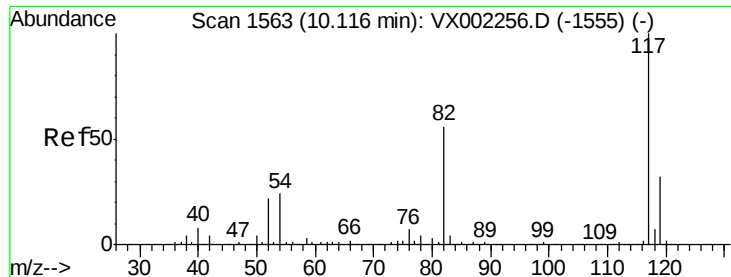
MMDadoda
 6/15/2018 1:11:56 PM



#62
 4-Bromofluorobenzene
 Concen: 49.943 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	187.4
176	92.6	0.0	181.0





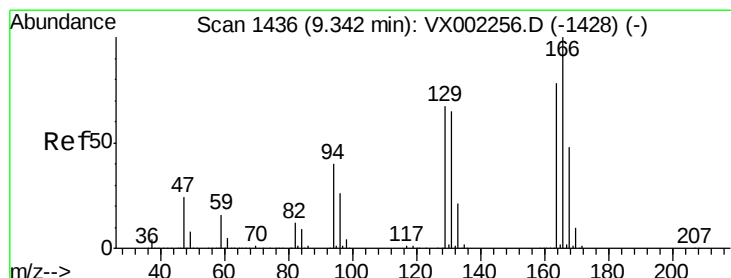
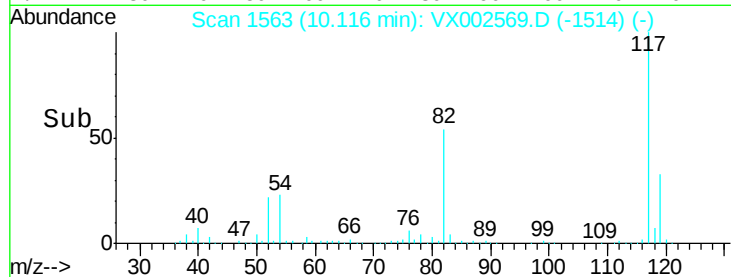
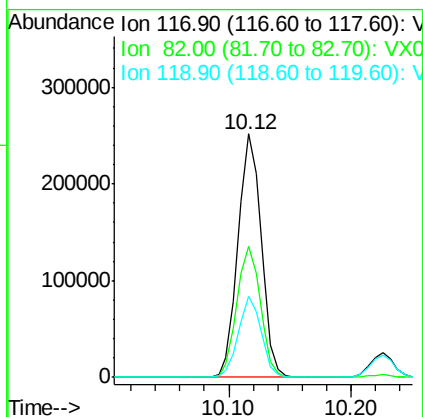
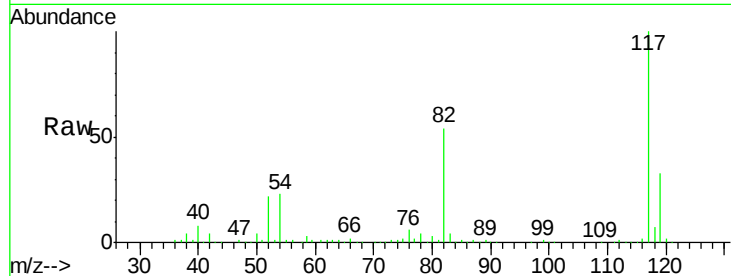
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	33.3	25.8	38.6

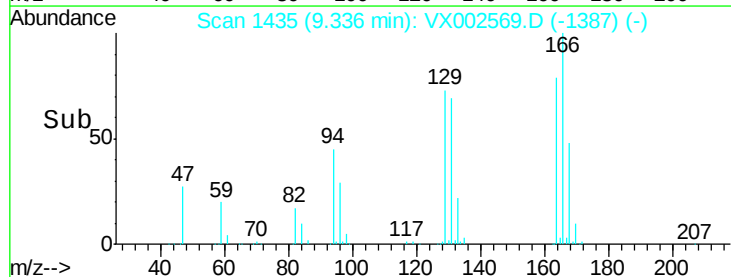
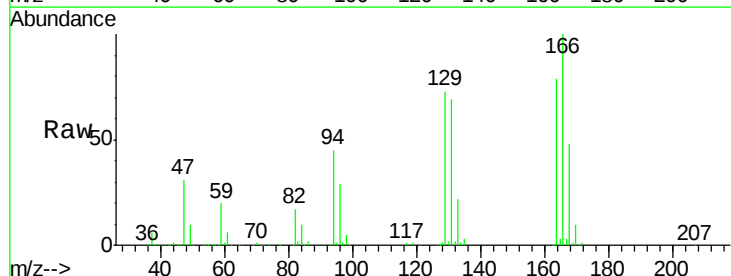
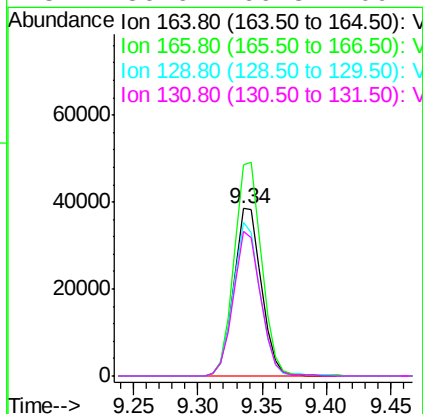
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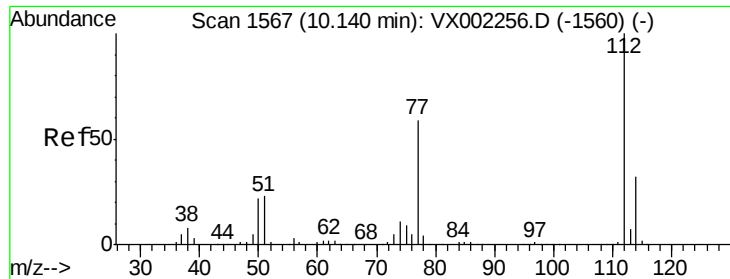
MMDadoda
6/15/2018 1:11:56 PM



#64
Tetrachloroethene
Concen: 16.925 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.9	154.3
129	91.6	68.6	102.8
131	86.6	66.8	100.2





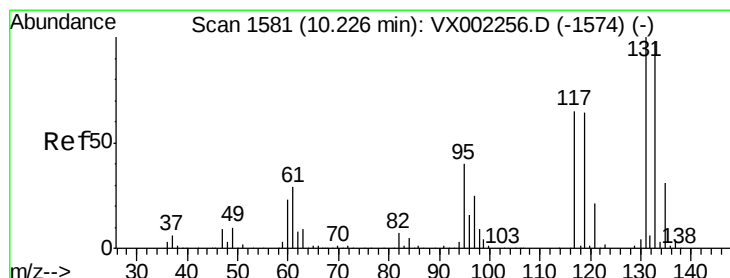
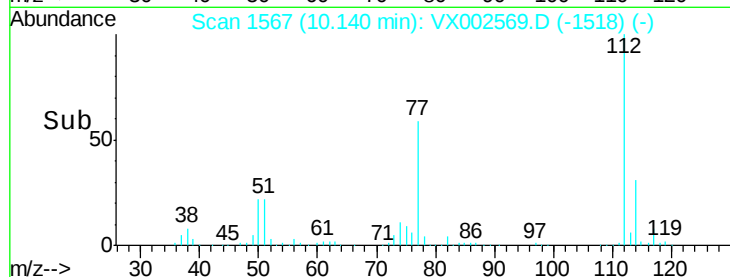
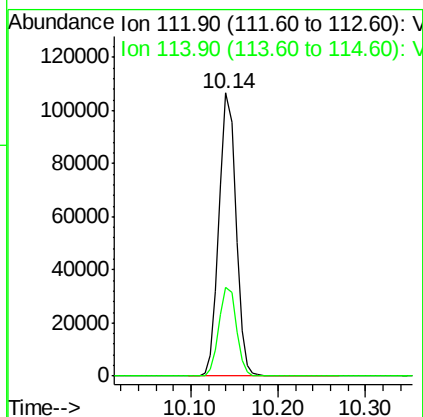
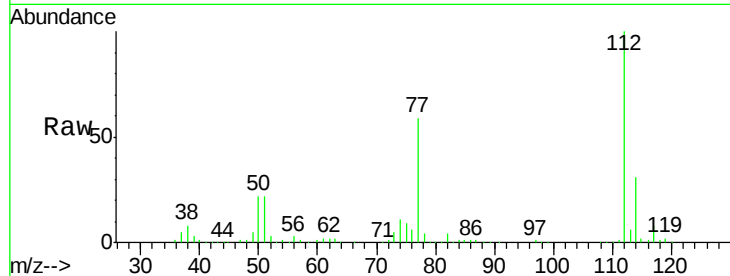
#65
Chlorobenzene
Concen: 17.381 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion:112 Resp: 142986
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9

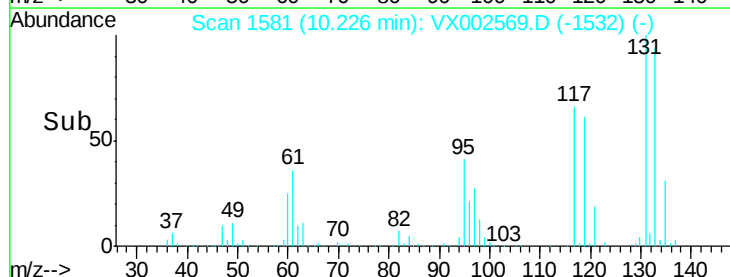
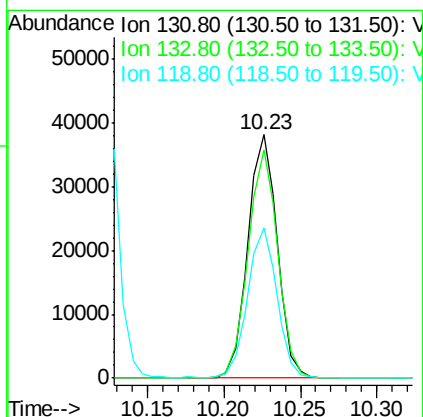
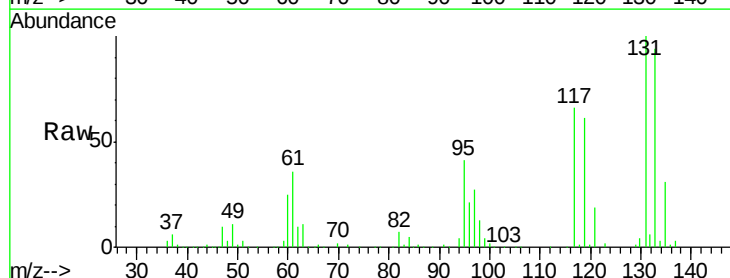
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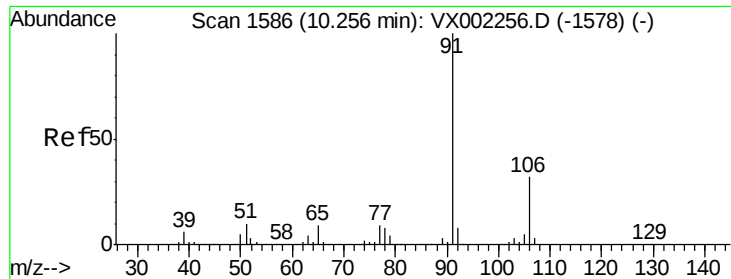
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.035 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion:131 Resp: 50741
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 62.0 31.8 95.3





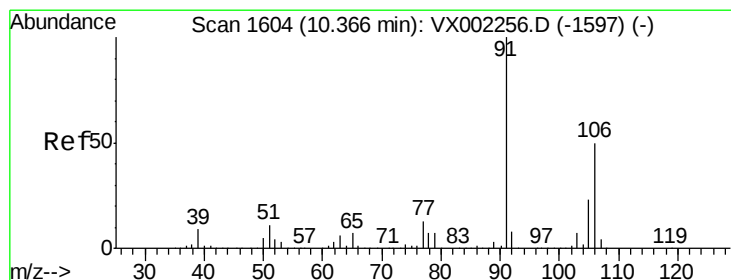
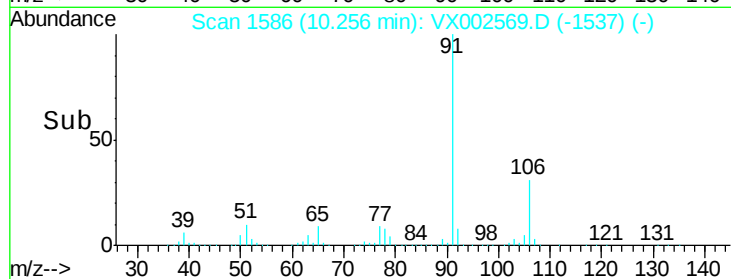
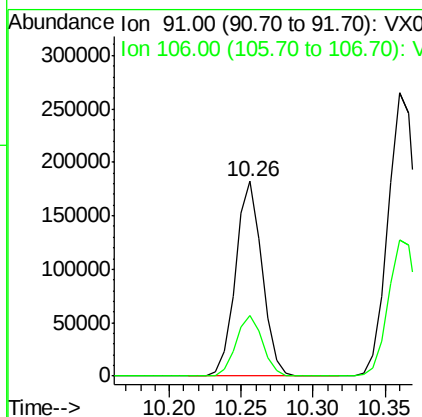
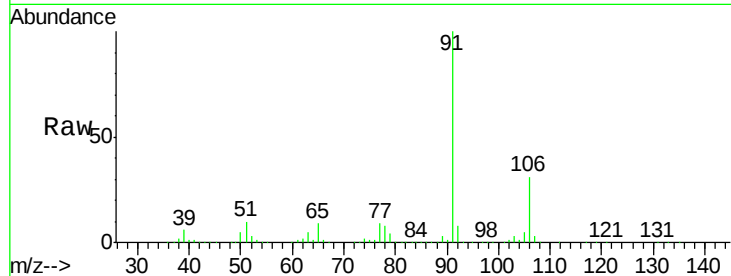
#67
Ethyl Benzene
Concen: 16.991 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion: 91 Resp: 233909
Ion Ratio Lower Upper
91 100
106 31.1 25.5 38.3

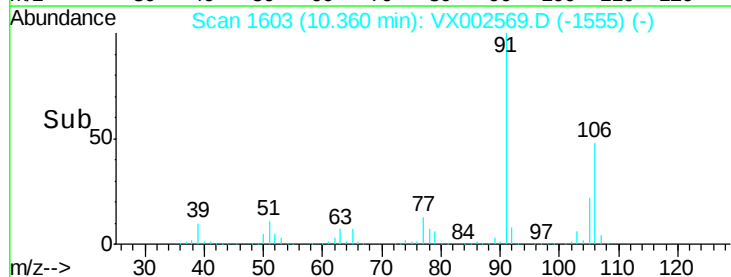
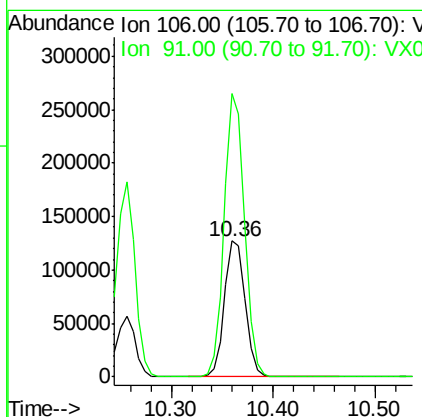
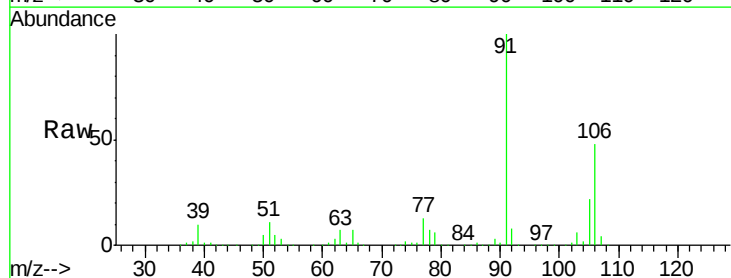
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#68
m/p-Xylenes
Concen: 33.356 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 106 Resp: 178509
Ion Ratio Lower Upper
106 100
91 204.7 163.4 245.2





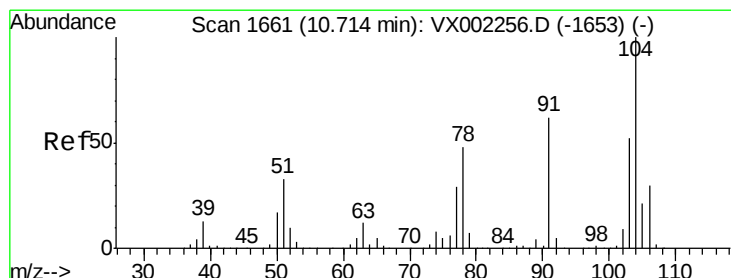
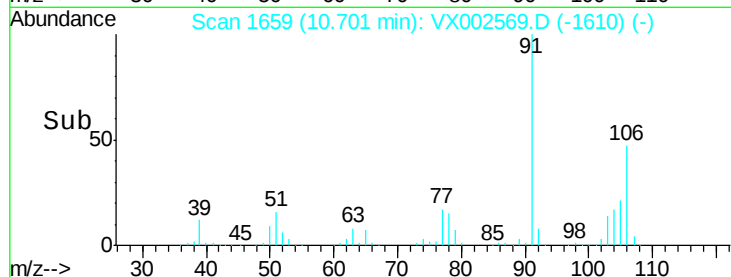
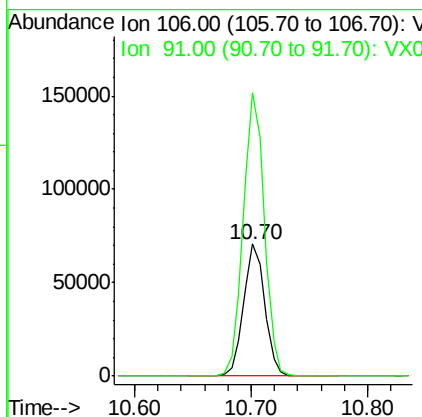
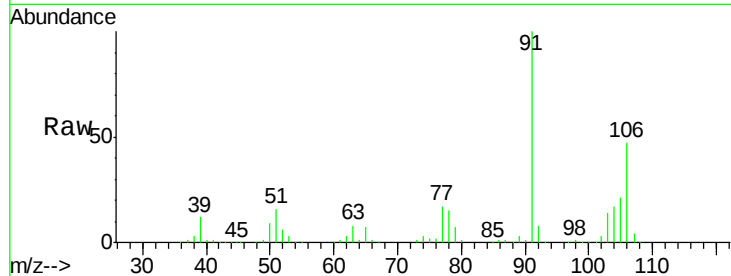
#69
o-Xylene
Concen: 16.875 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion:106 Resp: 89869
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6

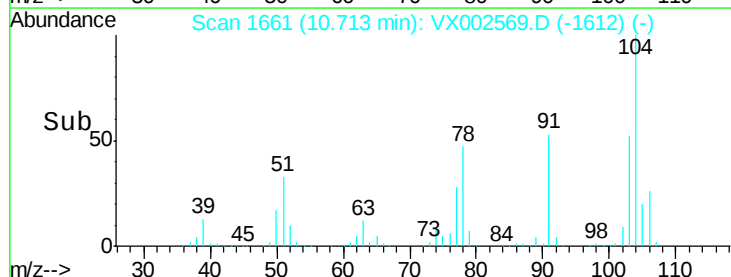
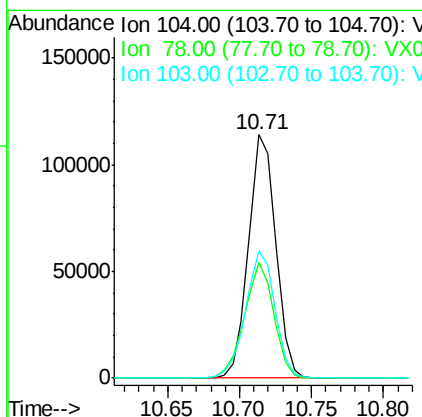
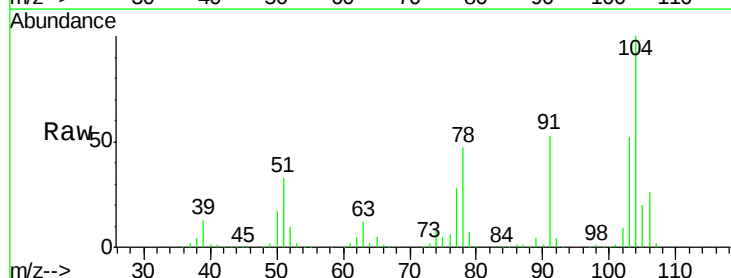
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#70
Styrene
Concen: 17.105 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion:104 Resp: 148918
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 56.7 44.2 66.4





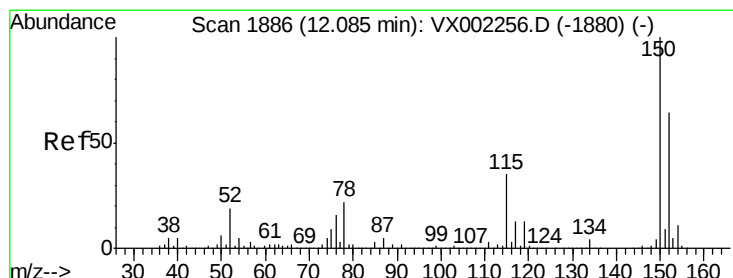
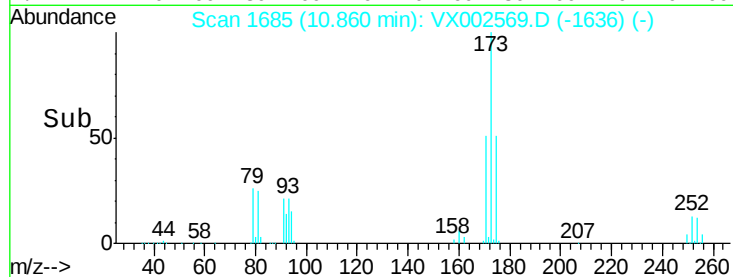
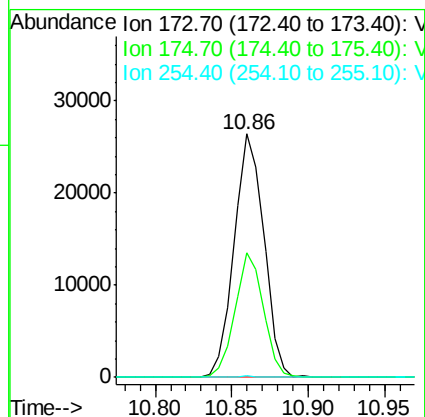
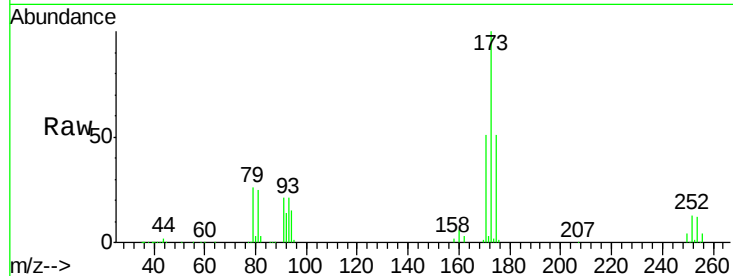
#71
Bromoform
Concen: 15.869 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.7	74.1
254	0.3	0.2	0.2#

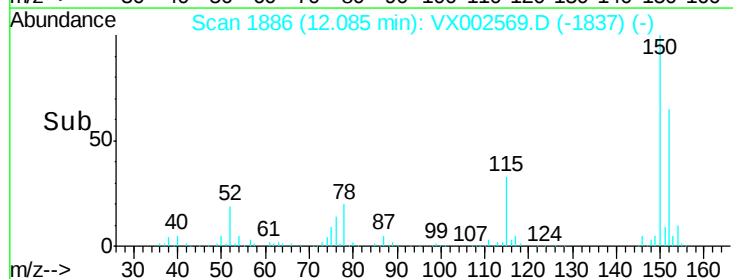
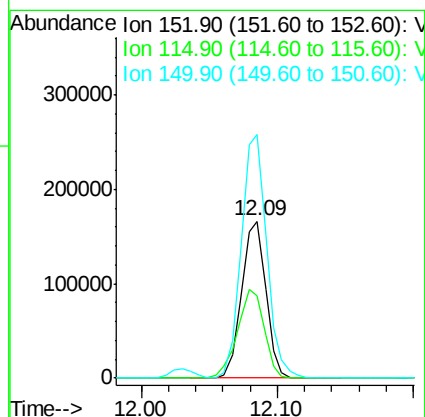
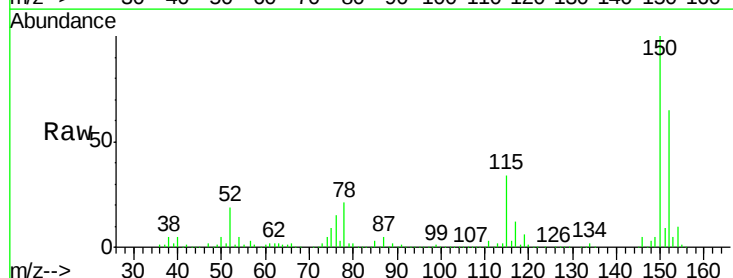
Manual Integrations
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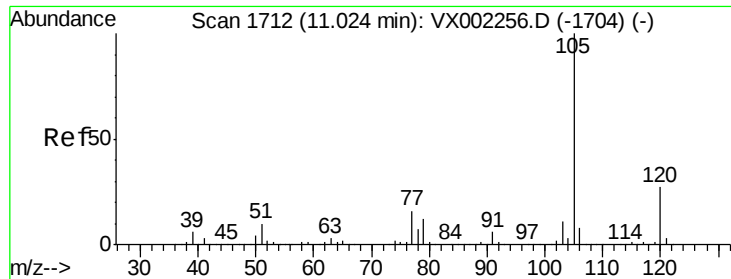
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	40.1	120.2
150	163.2	0.0	347.2





#73

Isopropylbenzene

Concen: 16.897 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion: 105 Resp: 241816

Ion Ratio Lower Upper

105 100

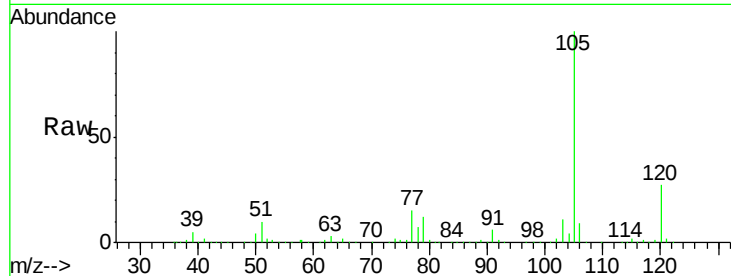
120 26.4 13.5 40.4

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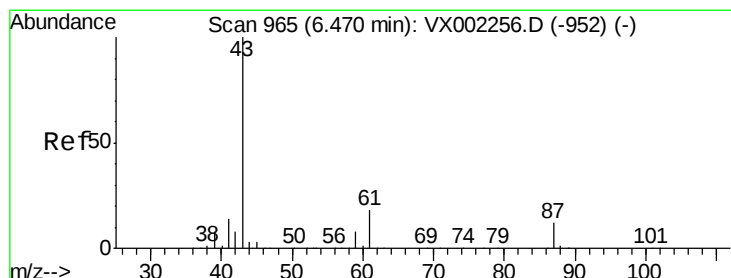
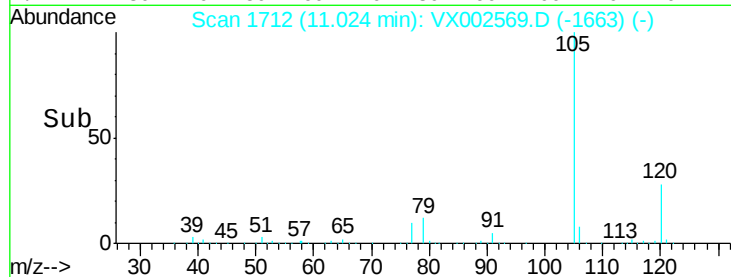
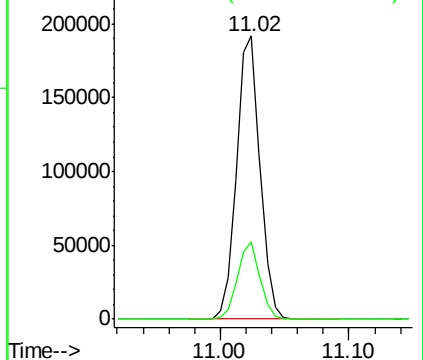
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.825 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Tgt Ion: 43 Resp: 129746

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

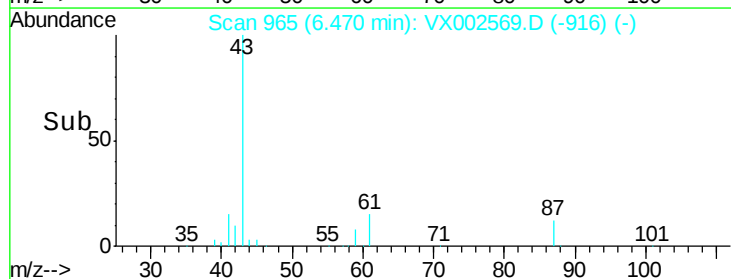
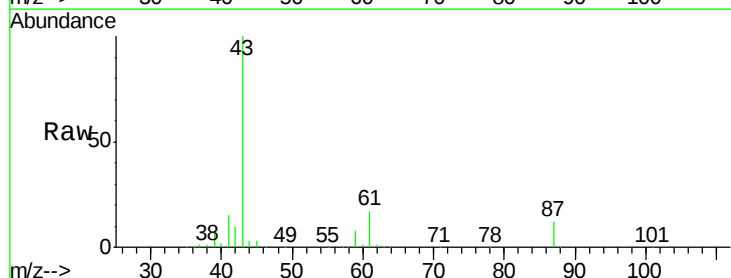
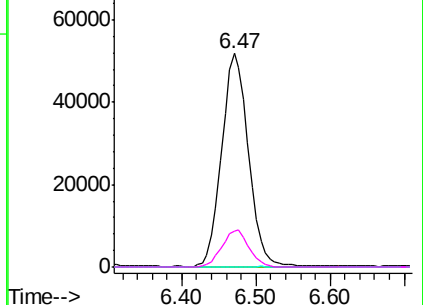
61 17.6 14.4 21.6

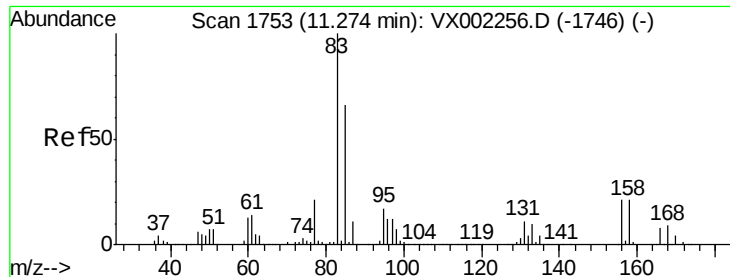
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.486 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

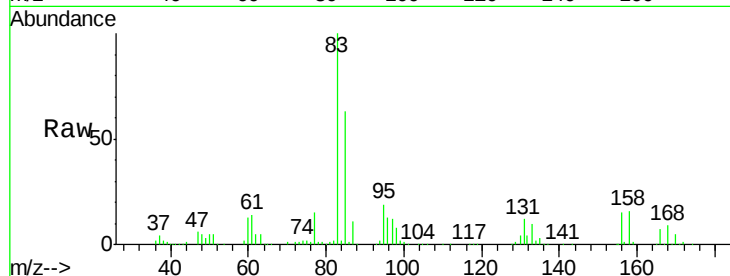
ClientSampleId :

VX0614WBS02

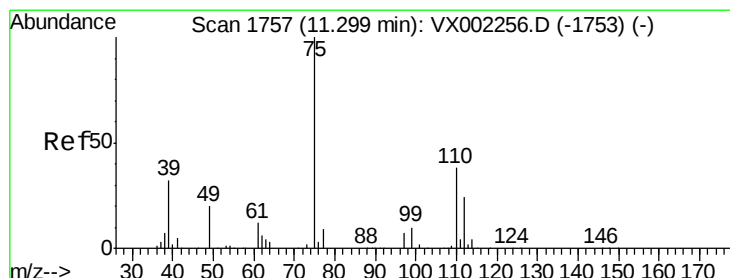
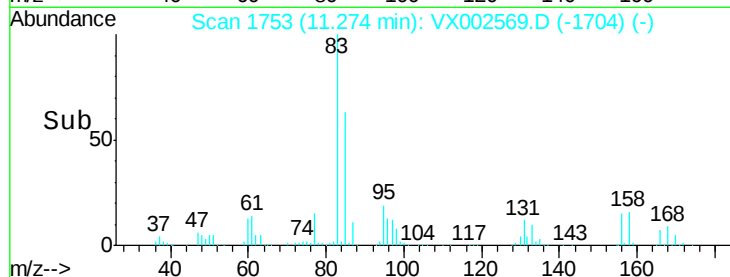
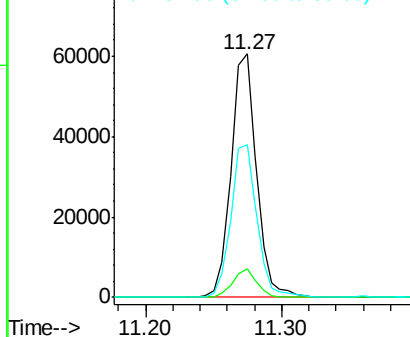
Tot Ion:	83	Resp:	78706
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.6	16.8
85	64.4	32.4	97.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 17.436 ug/l m

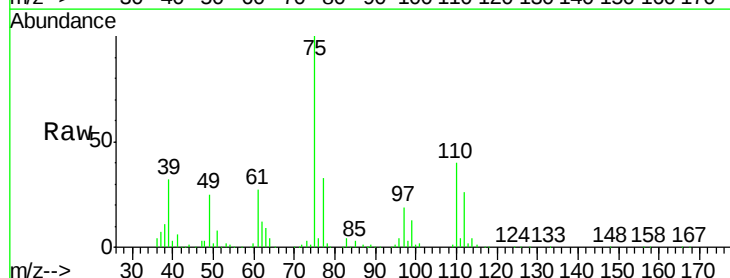
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

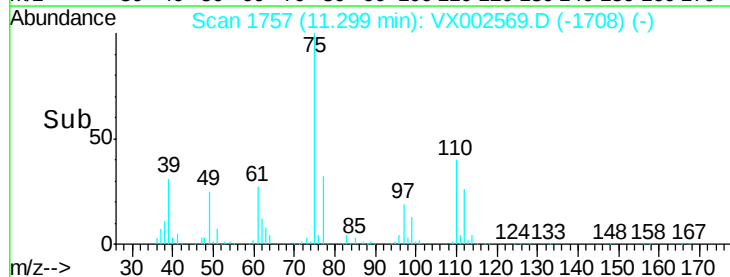
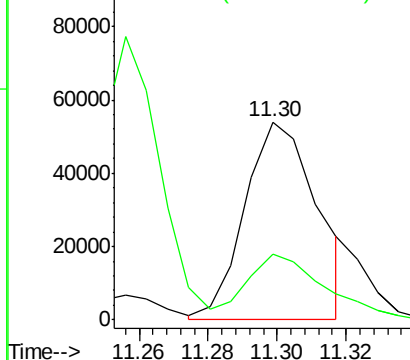
Lab File: VX002569.D

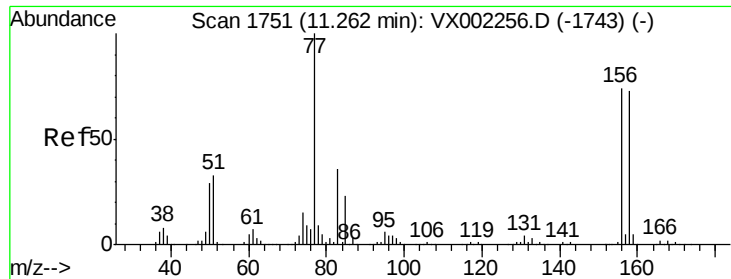
Acq: 14 Jun 2018 23:51

Tgt Ion:	75	Resp:	78707
Ion	Ratio	Lower	Upper
75	100		
77	35.9	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.634 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

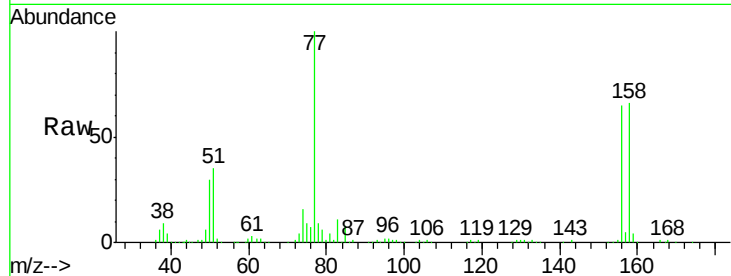
ClientSampled :

VX0614WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.7	71.4	214.2
158	100.5	48.9	146.6

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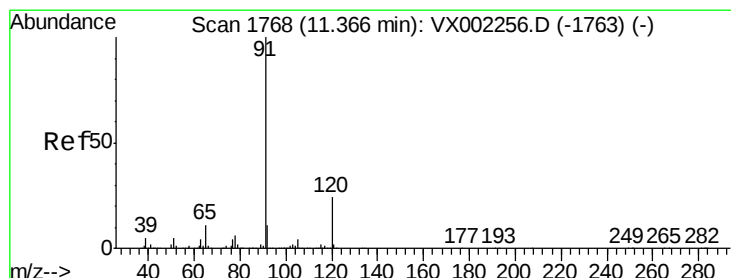
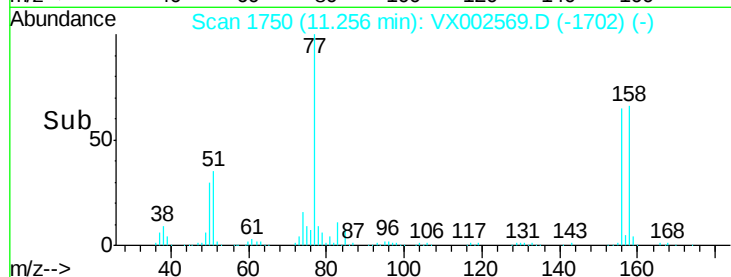
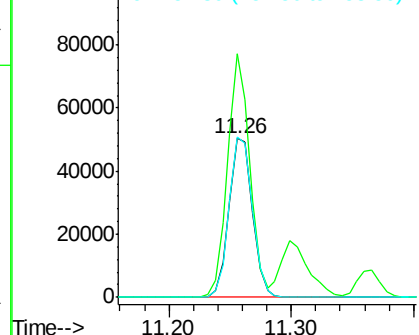


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.914 ug/l

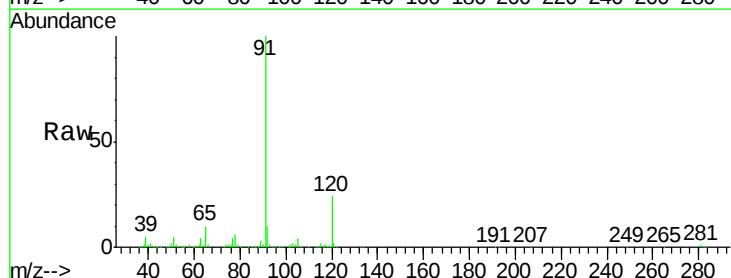
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

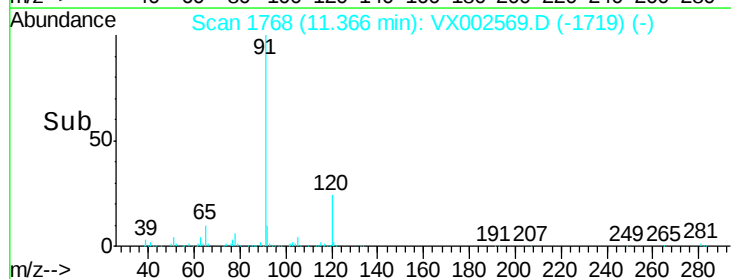
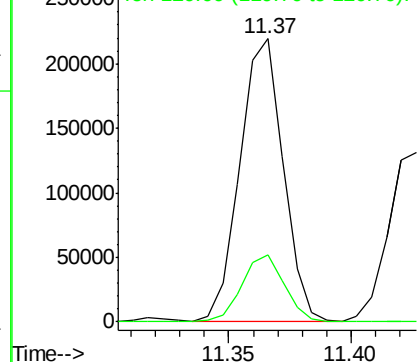
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.8	35.4

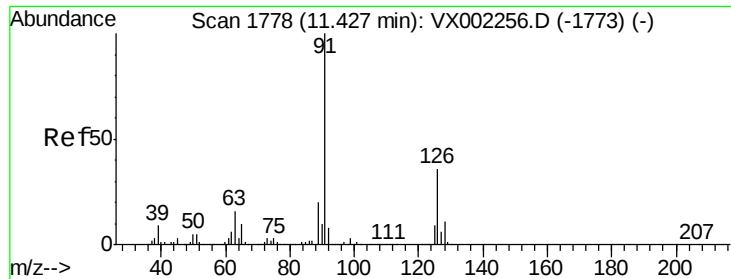


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





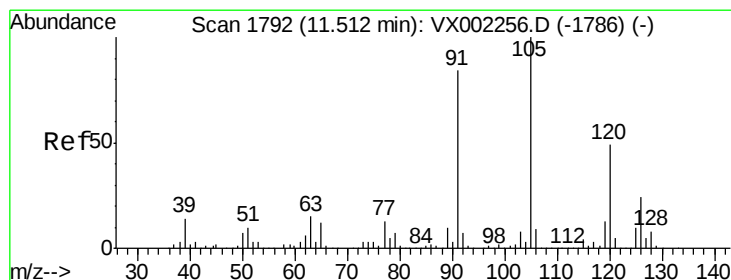
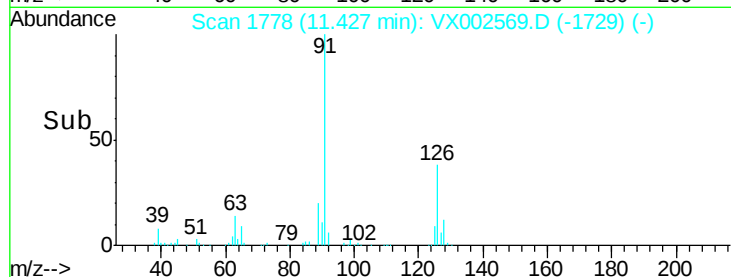
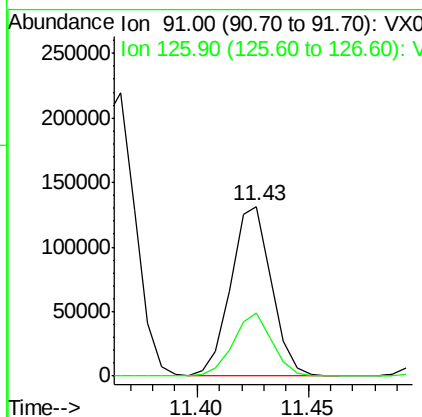
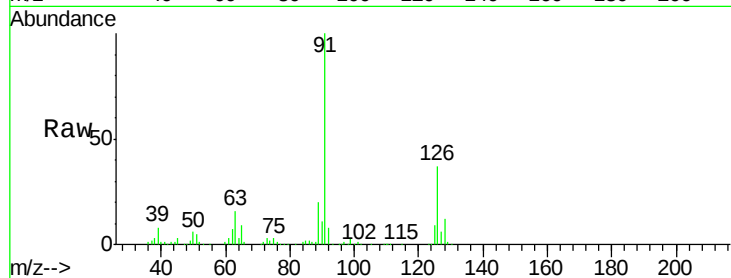
#79
2-Chlorotoluene
Concen: 16.563 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampled :
VX0614WBS02

Tot Ion: 91 Resp: 166360
Ion Ratio Lower Upper
91 100
126 36.0 17.7 53.1

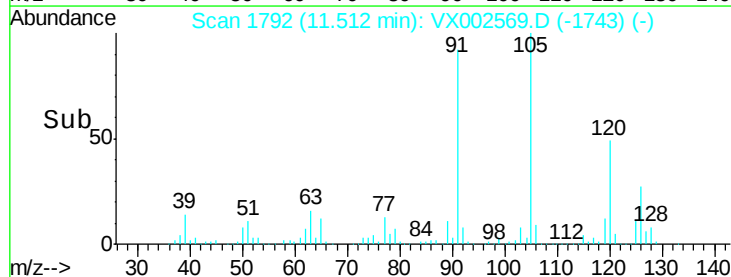
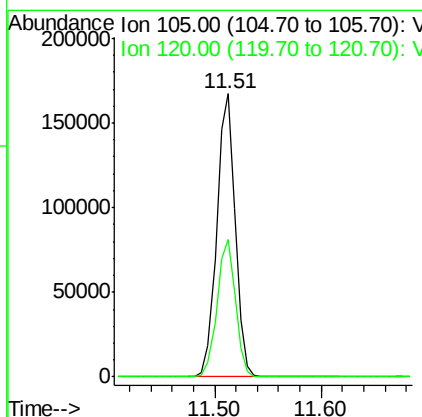
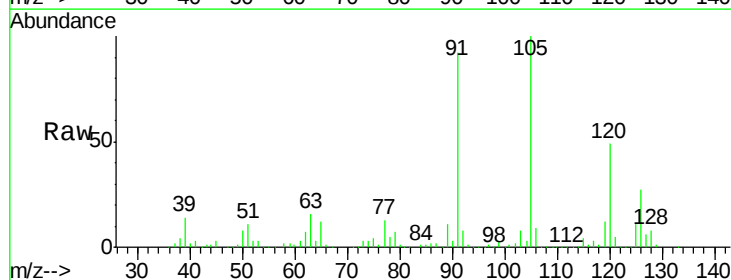
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 16.316 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion: 105 Resp: 200275
Ion Ratio Lower Upper
105 100
120 48.5 24.4 73.4





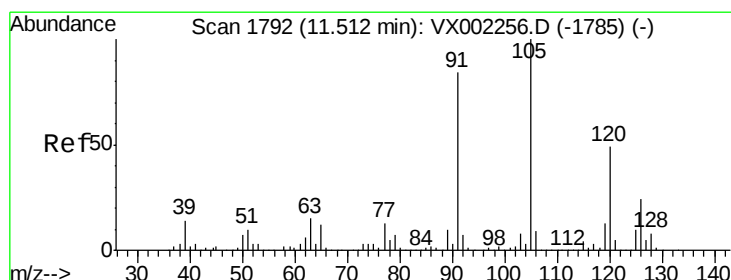
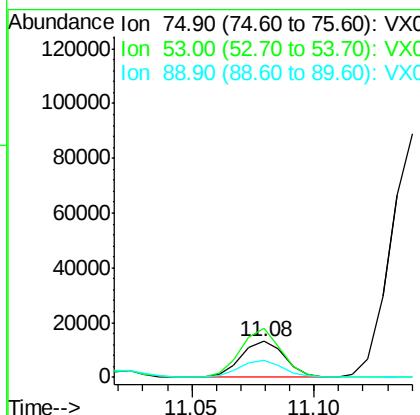
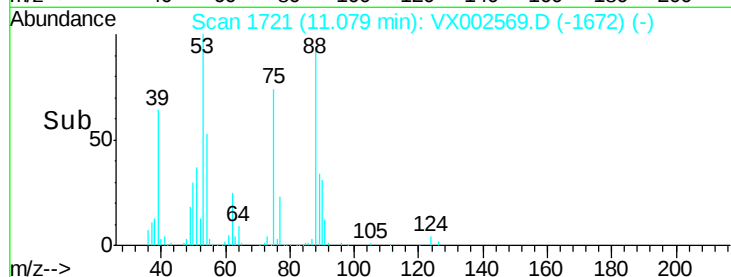
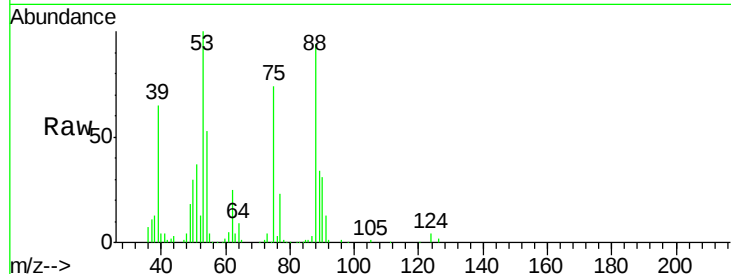
#81
trans-1,4-Dichloro-2-butene
Concen: 12.764 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	127.7	86.8	130.2
89	46.9	38.2	57.2

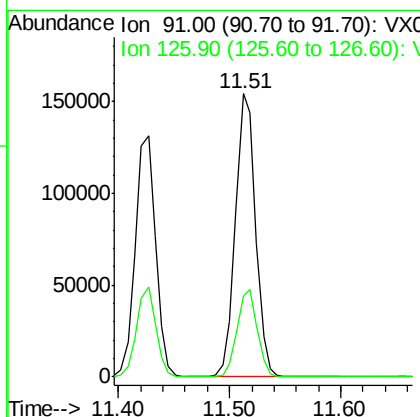
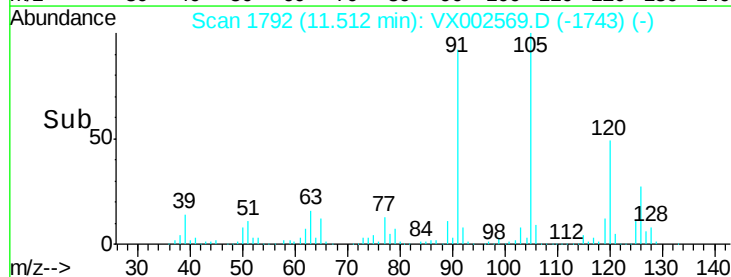
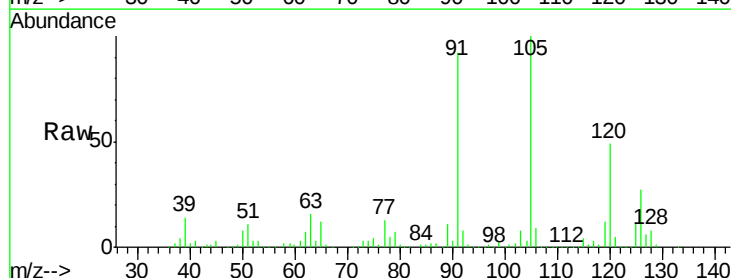
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#82
4-Chlorotoluene
Concen: 16.709 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.4





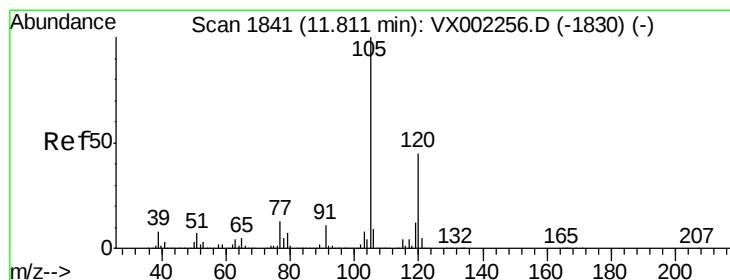
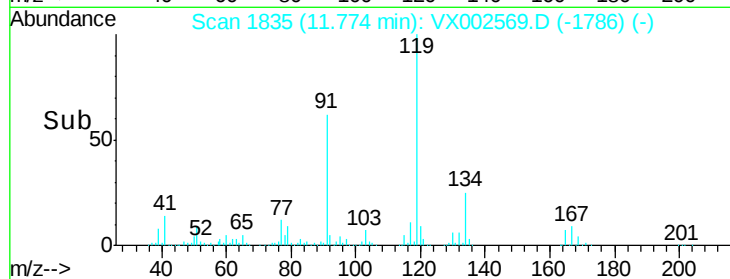
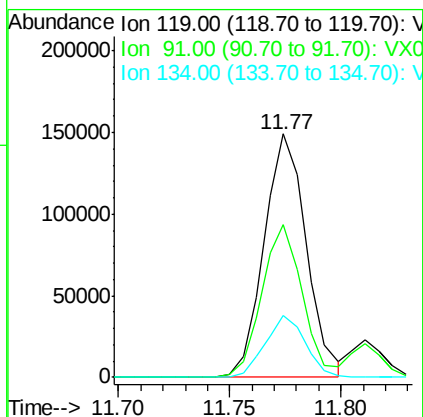
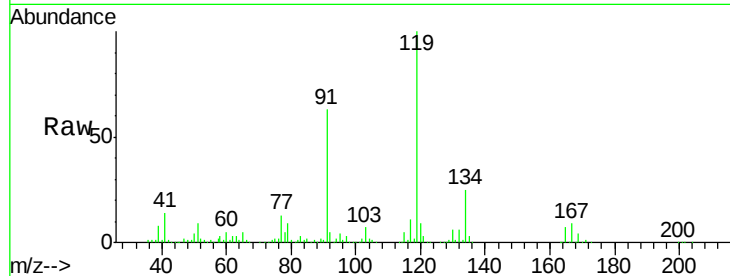
#83
 tert-Butylbenzene
 Concen: 16.412 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	196182		
91	60.4	30.3	90.9	
134	24.4	11.7	35.1	

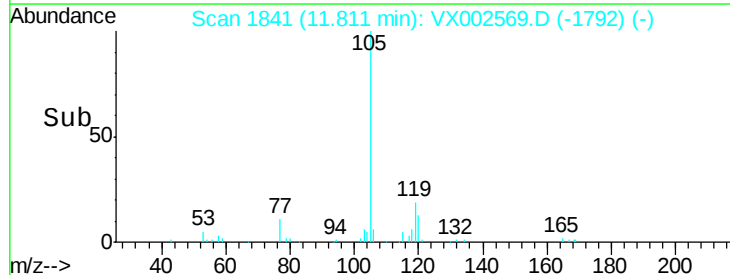
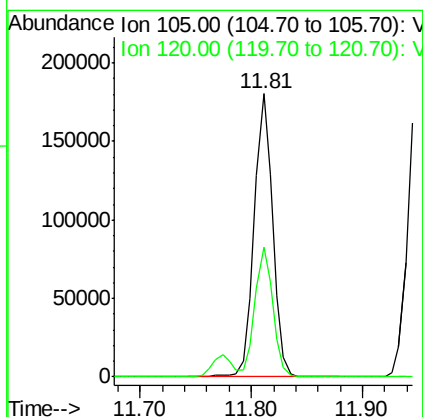
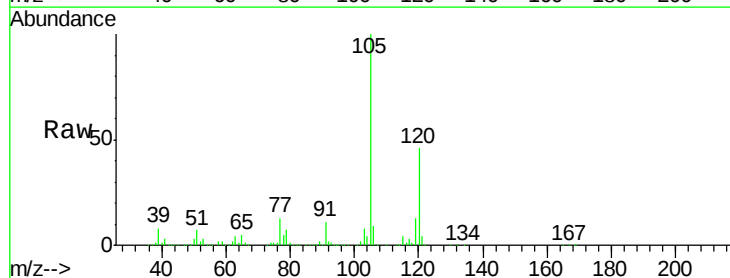
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#84
 1,2,4-Trimethylbenzene
 Concen: 16.543 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209027		
120	45.0	22.3	66.8	





#85

sec-Butylbenzene

Concen: 16.782 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

VX0614WBS02

Tot Ion:105 Resp: 235170

Ion Ratio Lower Upper

105 100

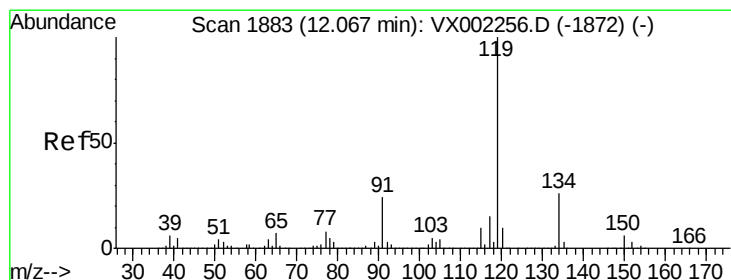
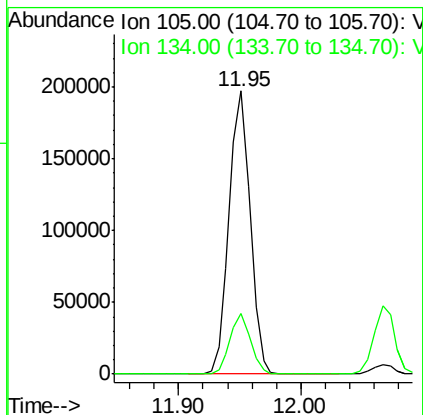
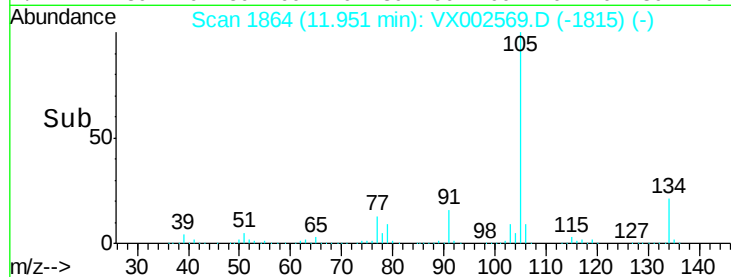
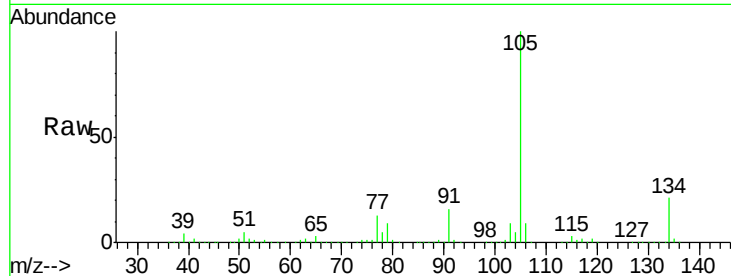
134 20.9 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 16.545 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002569.D

Acq: 14 Jun 2018 23:51

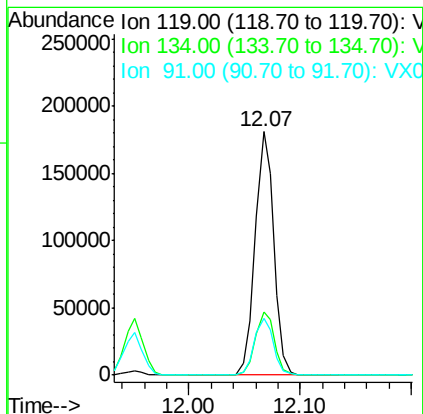
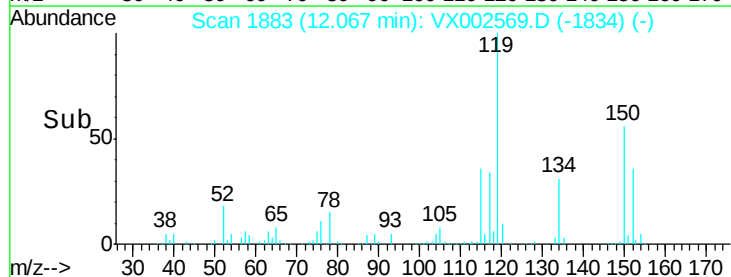
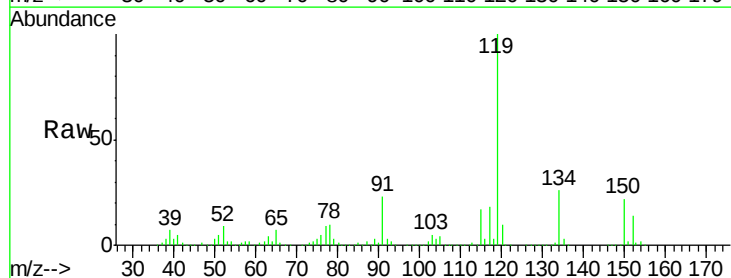
Tgt Ion:119 Resp: 211179

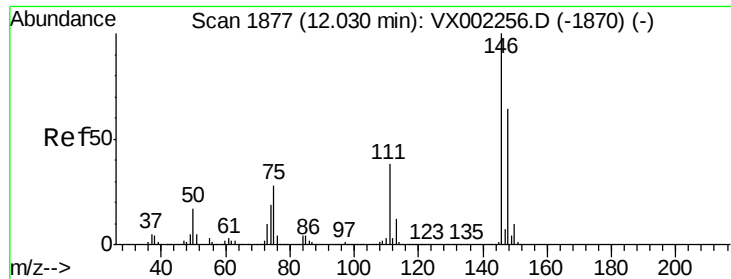
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.9 11.9 35.7





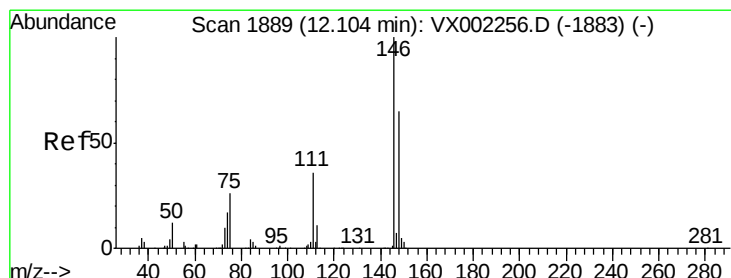
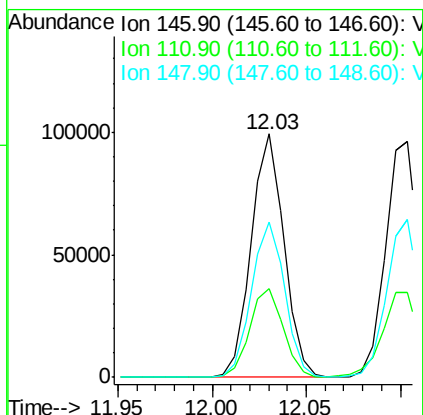
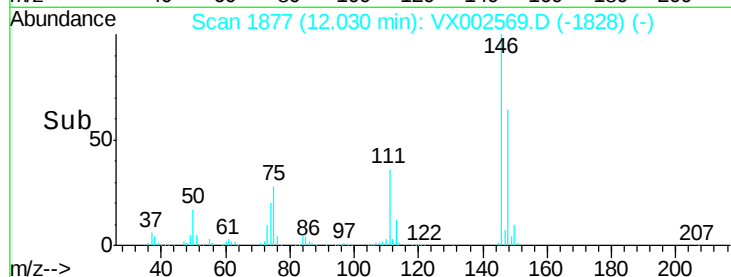
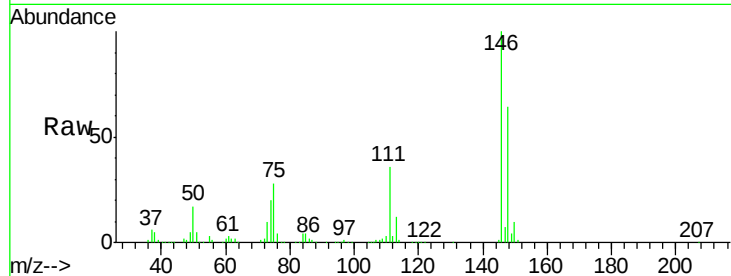
#87
 1,3-Dichlorobenzene
 Concen: 16.727 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0614WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	64.9	32.1	96.3

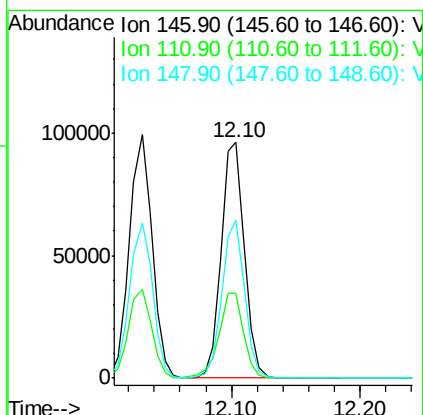
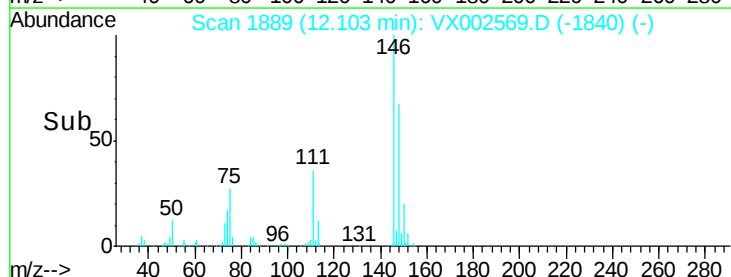
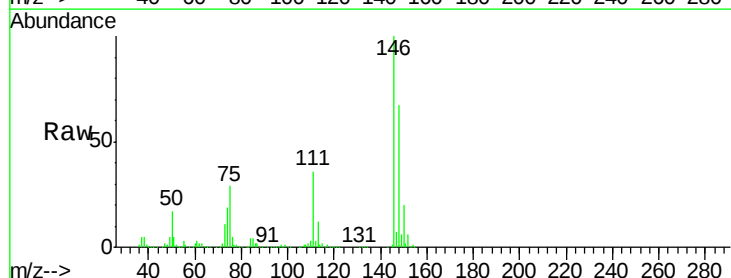
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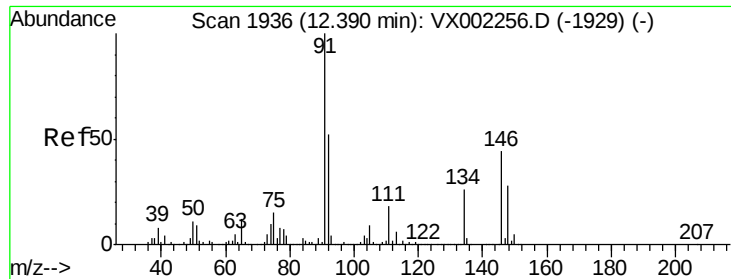
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#88
 1,4-Dichlorobenzene
 Concen: 16.485 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.7	56.1
148	65.3	32.4	97.0





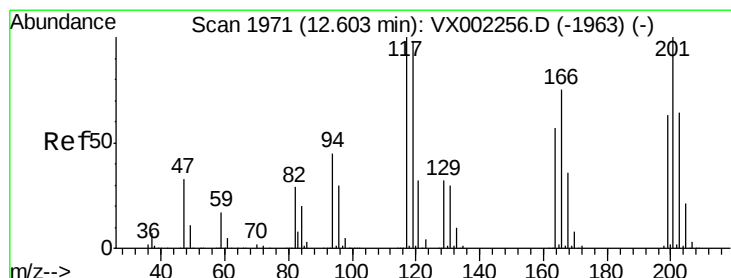
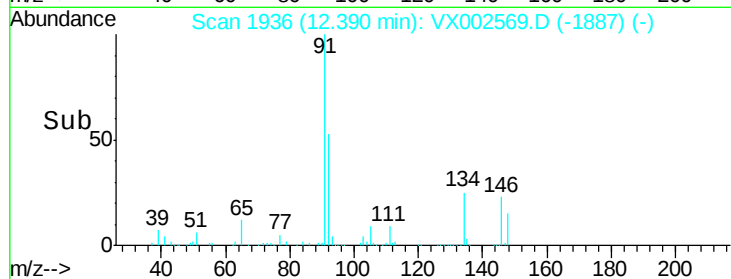
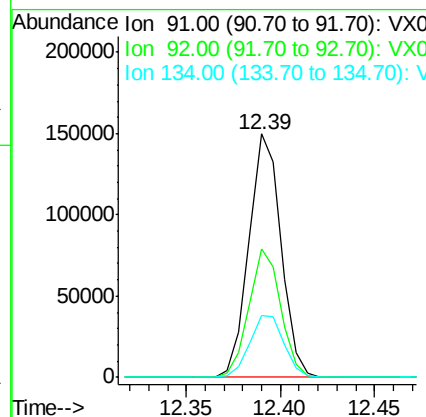
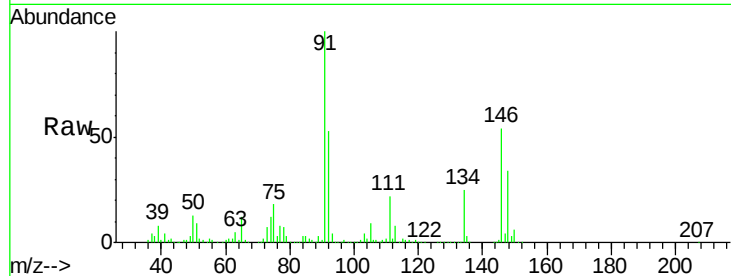
#89
n-Butylbenzene
Concen: 16.575 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.0	78.0
134	27.1	13.5	40.5

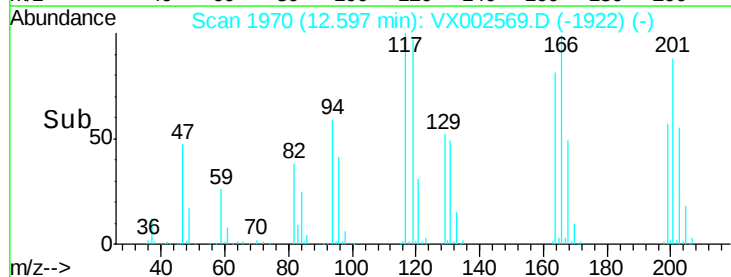
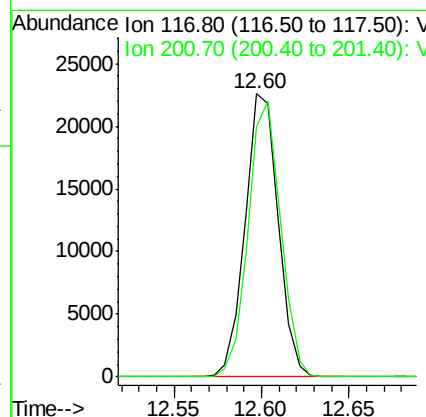
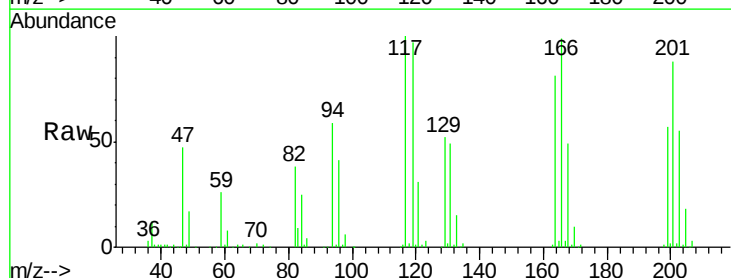
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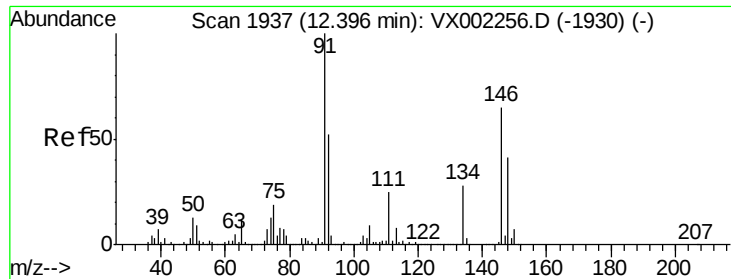
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#90
Hexachloroethane
Concen: 14.601 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.2	49.0	147.0





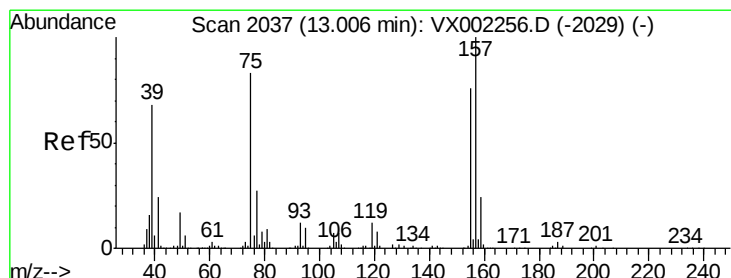
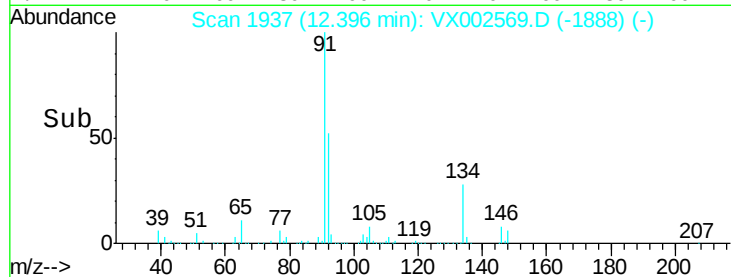
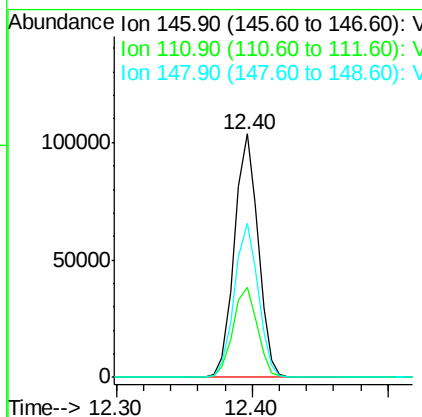
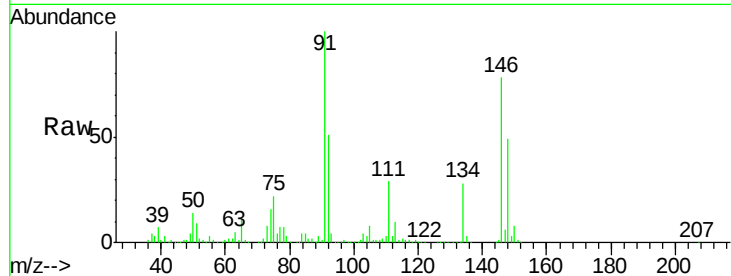
#91
 1,2-Dichlorobenzene
 Concen: 16.955 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0614WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	126025		
111	38.0		19.4	58.1
148	63.8		31.7	95.1

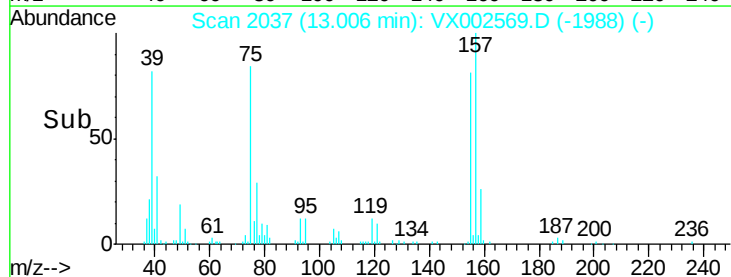
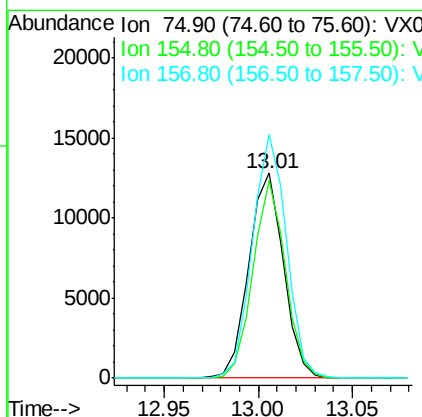
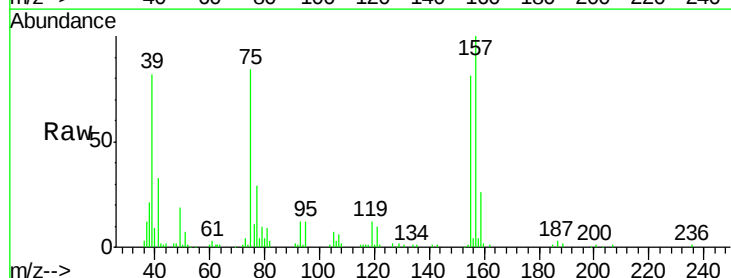
Manual Integrations
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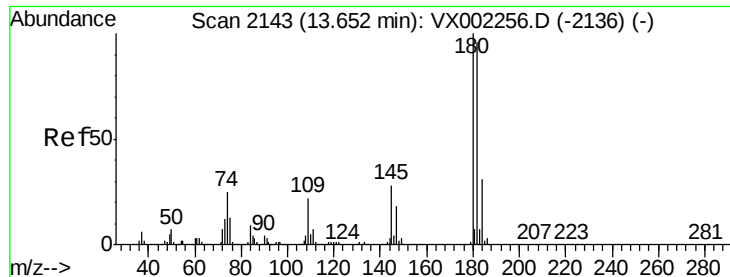
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.615 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16354		
155	89.6		45.8	137.4
157	116.1		60.1	180.3





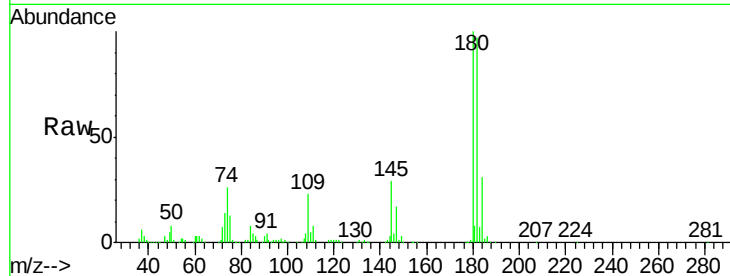
#93
 1,2,4-Trichlorobenzene
 Concen: 16.540 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0614WBS02

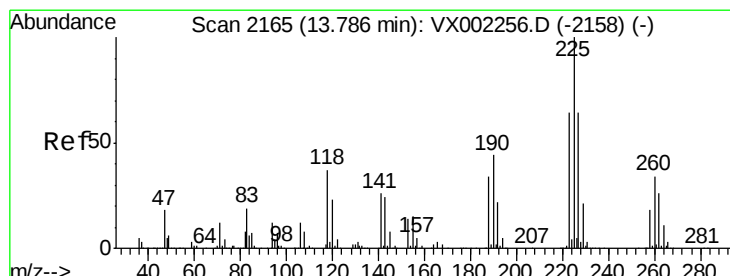
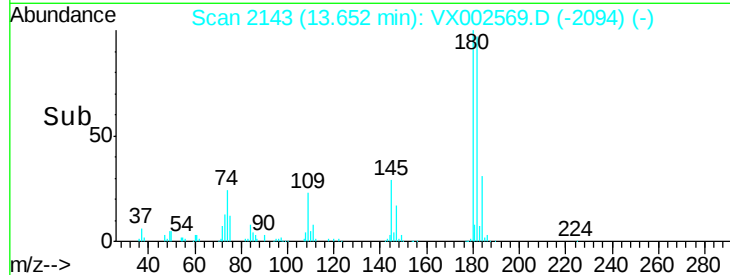
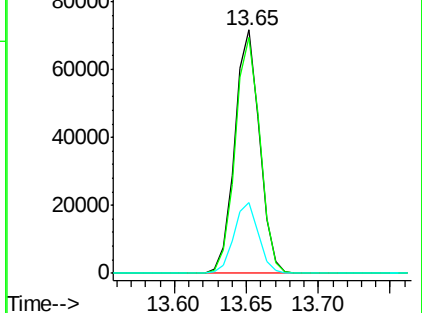
Tot Ion	Ratio	Resp	Lower	Upper
180	100	86200		
182	97.0		47.7	143.1
145	29.0		14.1	42.4

Manual Integrations
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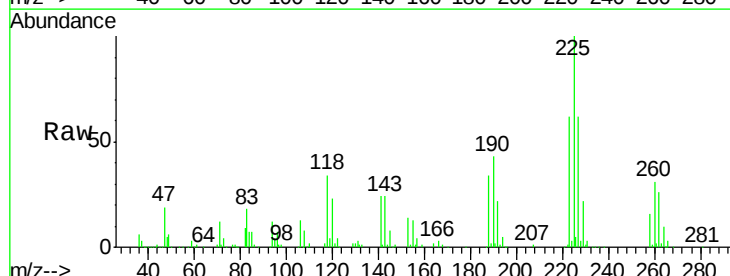


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

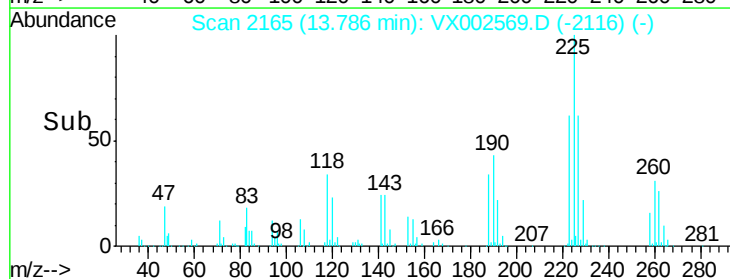
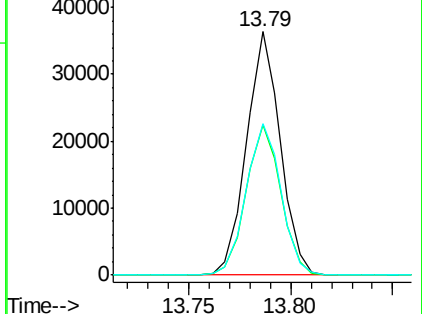


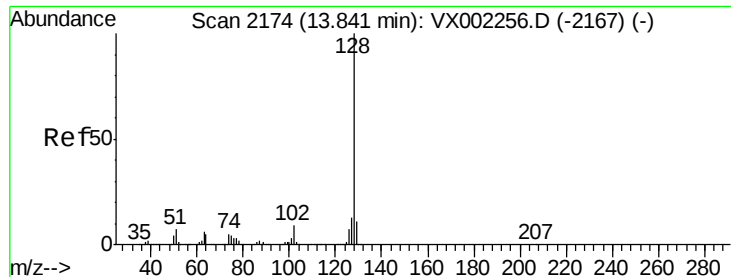
#94
 Hexachlorobutadiene
 Concen: 16.247 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002569.D
 Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41843		
223	63.5		31.6	95.0
227	64.0		32.4	97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





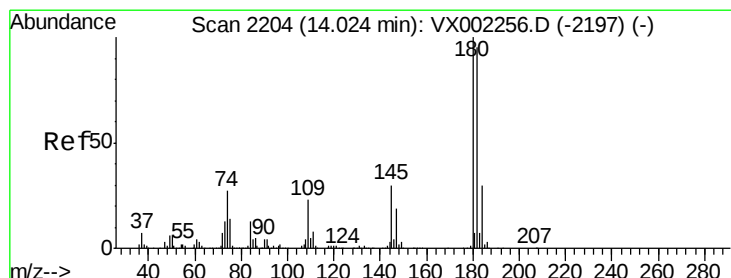
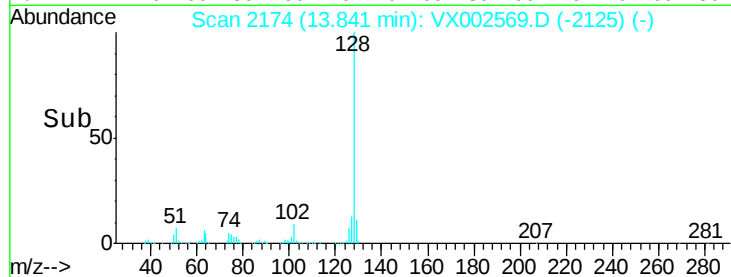
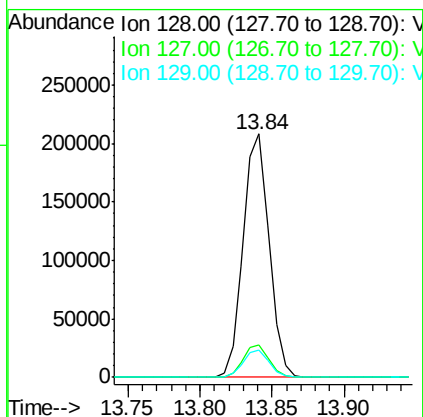
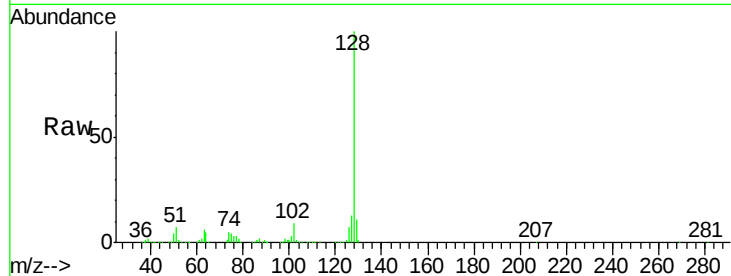
#95
Naphthalene
Concen: 17.414 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
VX0614WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.402 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002569.D
Acq: 14 Jun 2018 23:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.0	144.0
145	29.8	14.8	44.3

