

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002715.D
 Acq On : 19 Jun 2018 16:18
 Operator : JC/MD
 Sample : VX0619WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 6:26:56 PM

Quant Time: Jun 19 16:38:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152517	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	5.51	113	119468	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
50) Toluene-d8	8.72	98	446621	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
62) 4-Bromofluorobenzene	11.14	95	164200	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49288	20.00	ug/l	98
3) Chloromethane	1.32	50	51879	17.70	ug/l	98
4) Vinyl Chloride	1.40	62	57308	18.84	ug/l	97
5) Bromomethane	1.64	94	35431	19.31	ug/l	98
6) Chloroethane	1.72	64	36842	18.38	ug/l	97
7) Trichlorofluoromethane	1.93	101	97715	19.77	ug/l	98
8) Diethyl Ether	2.19	74	33258	17.69	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54600	19.77	ug/l	99
10) Methyl Iodide	2.51	142	50081	17.22	ug/l	99
11) Tert butyl alcohol	3.08	59	71628	98.23	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48292	18.62	ug/l	99
13) Acrolein	2.30	56	47491	141.98	ug/l	98
14) Allyl chloride	2.73	41	95261	18.50	ug/l	99
15) Acrylonitrile	3.15	53	150807	94.78	ug/l	100
16) Acetone	2.45	43	147892	95.04	ug/l	99
17) Carbon Disulfide	2.57	76	119331	19.40	ug/l	99
18) Methyl Acetate	2.78	43	80684	19.46	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	175570	18.05	ug/l	99
20) Methylene Chloride	2.86	84	54185	16.98	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	52069	18.51	ug/l	95
22) Diisopropyl ether	3.88	45	169420	18.18	ug/l	98
23) Vinyl Acetate	3.83	43	785707	100.76	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100496	19.87	ug/l	99
25) 2-Butanone	4.71	43	206105	100.85	ug/l	98
26) 2,2-Dichloropropane	4.59	77	65438	18.01	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	54747	19.12	ug/l	95
28) Bromochloromethane	5.03	49	43919	18.55	ug/l	95
29) Tetrahydrofuran	5.17	42	131898	98.48	ug/l	97
30) Chloroform	5.22	83	94676	19.42	ug/l	93
31) Cyclohexane	5.58	56	79604	19.12	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	82024	20.11	ug/l	99
36) 1,1-Dichloropropene	5.80	75	68072	19.54	ug/l	99
37) Ethyl Acetate	4.87	43	79325	20.11	ug/l	100
38) Carbon Tetrachloride	5.79	117	71241	20.53	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79440	19.50	ug/l	97
40) Benzene	6.15	78	204700	19.59	ug/l	99
41) Methacrylonitrile	5.07	41	44706	20.08	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80577	19.92	ug/l	99
43) Isopropyl Acetate	6.48	43	123532	18.90	ug/l	99
44) Trichloroethene	7.22	130	58194	19.30	ug/l	98
45) 1,2-Dichloropropane	7.52	63	52940	19.25	ug/l	98
46) Dibromomethane	7.67	93	36954	20.09	ug/l	99
47) Bromodichloromethane	7.90	83	64902	20.00	ug/l	98
48) Methyl methacrylate	7.78	41	64089	19.19	ug/l	96
49) 1,4-Dioxane	7.76	88	26689	422.05	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	427051	101.79	ug/l	100
52) Toluene	8.79	92	131065	19.66	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	76096	19.26	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	67759	18.69	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	54638	20.29	ug/l	97
56) Ethyl methacrylate	9.19	69	80115	19.33	ug/l	98
57) 1,3-Dichloropropane	9.38	76	89301	19.61	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	178236	88.91	ug/l	98
59) 2-Hexanone	9.50	43	324419	102.61	ug/l	98
60) Dibromochloromethane	9.59	129	52515	19.79	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56685	20.32	ug/l	99
64) Tetrachloroethene	9.34	164	64564	18.97	ug/l	99
65) Chlorobenzene	10.14	112	151481	20.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	53499	20.84	ug/l	99
67) Ethyl Benzene	10.26	91	251738	19.82	ug/l	99
68) m/p-Xylenes	10.36	106	196376	40.08	ug/l	98
69) o-Xylene	10.70	106	94807	19.69	ug/l	98
70) Styrene	10.71	104	156039	19.71	ug/l	99
71) Bromoform	10.86	173	40355	20.43	ug/l #	98
73) Isopropylbenzene	11.02	105	259846	20.57	ug/l	100
74) N-amyl acetate	6.48	43	123532	19.68	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	79699	21.37	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	69836m	19.60	ug/l	
77) Bromobenzene	11.26	156	70402	20.01	ug/l	98
78) n-propylbenzene	11.37	91	293393	20.25	ug/l	100
79) 2-Chlorotoluene	11.43	91	173714	20.08	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	218000	20.42	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18445	19.36	ug/l	90
82) 4-Chlorotoluene	11.51	91	207415	20.32	ug/l	100
83) tert-Butylbenzene	11.77	119	211622	20.58	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	222419	20.42	ug/l	98
85) sec-Butylbenzene	11.95	105	259795	20.32	ug/l	100
86) p-Isopropyltoluene	12.07	119	233399	20.17	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	128627	19.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	129970	19.79	ug/l	100
89) n-Butylbenzene	12.39	91	199585	19.55	ug/l	99
90) Hexachloroethane	12.60	117	32592	19.75	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	130901	20.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17078	21.86	ug/l	97

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QLast Update : Sat Jun 16 01:37:33 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94028	19.95	ug/l	99
94) Hexachlorobutadiene	13.79	225	49308	19.86	ug/l	99
95) Naphthalene	13.84	128	270971	21.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96615	20.41	ug/l	99

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

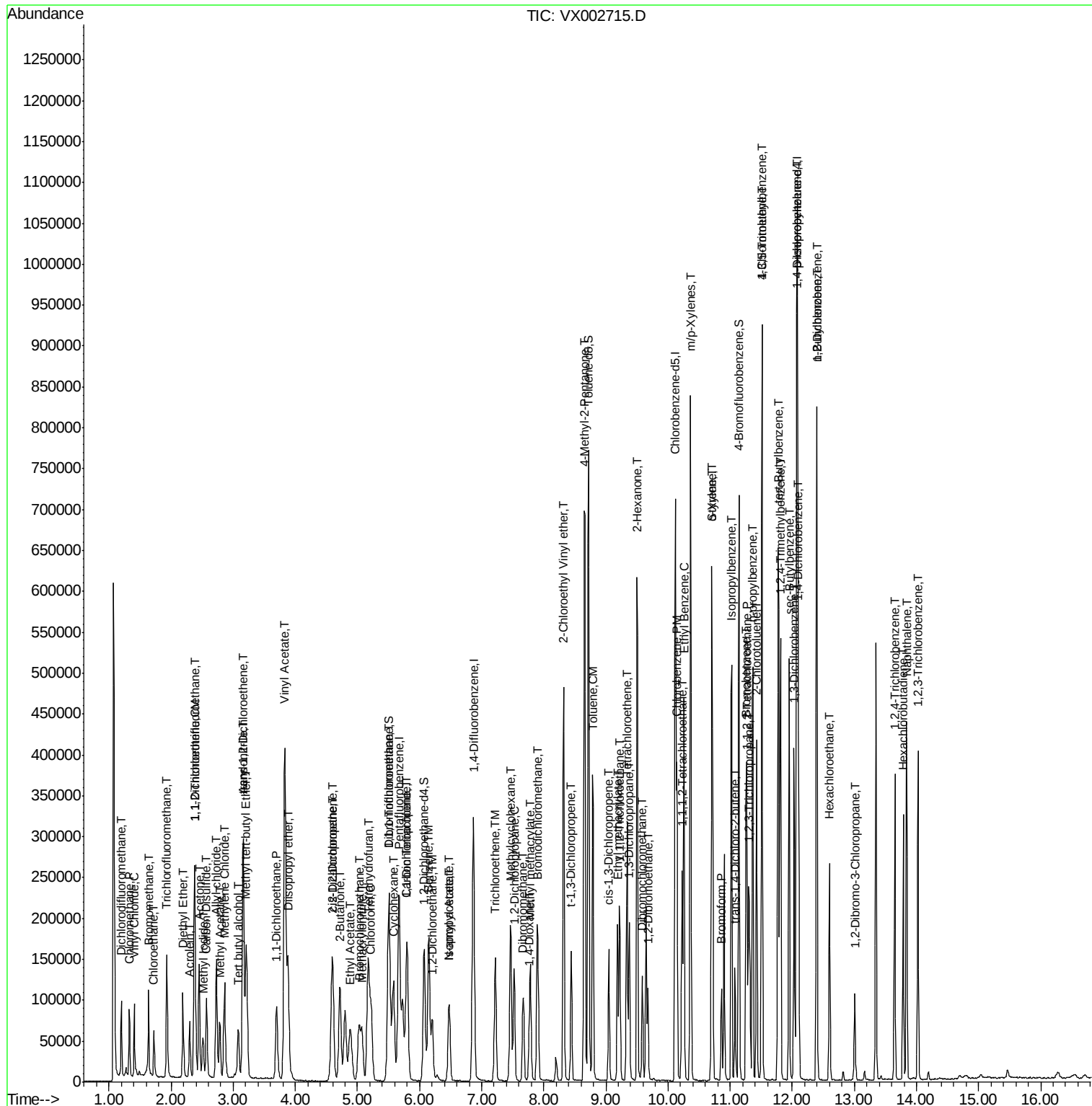
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061918\
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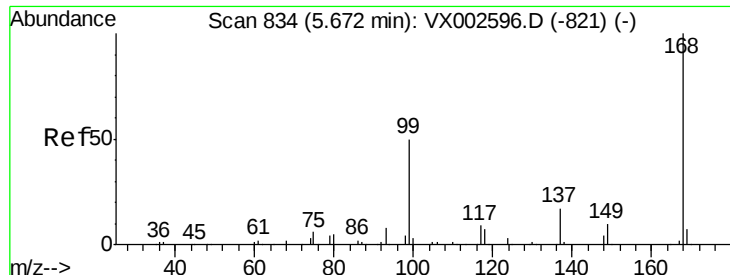
Instrument :
 MSVOA_X
 Client Sample ID :
 VX0619WBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion:168 Resp: 232111

Ion Ratio Lower Upper

168 100

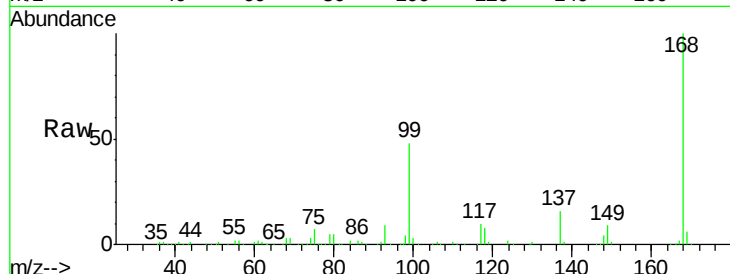
99 48.3 39.3 58.9

Manual Integrations

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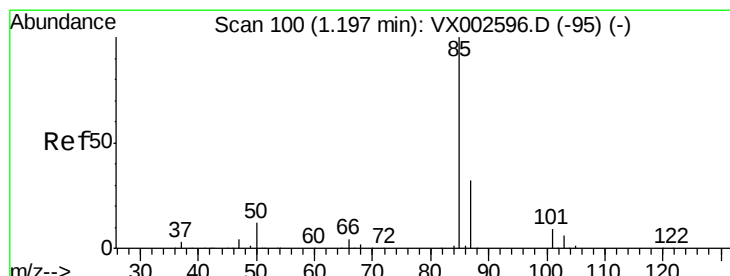
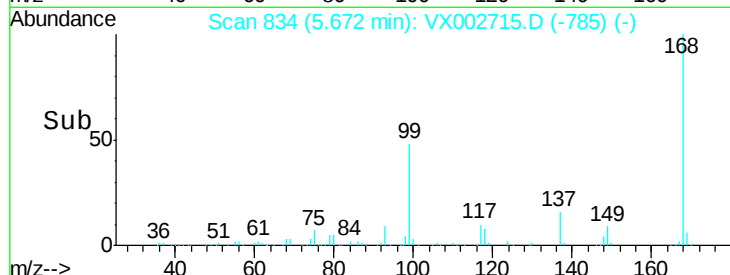
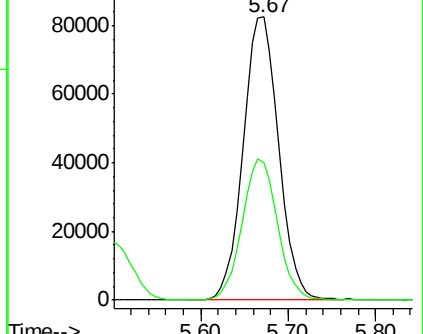
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002715.D

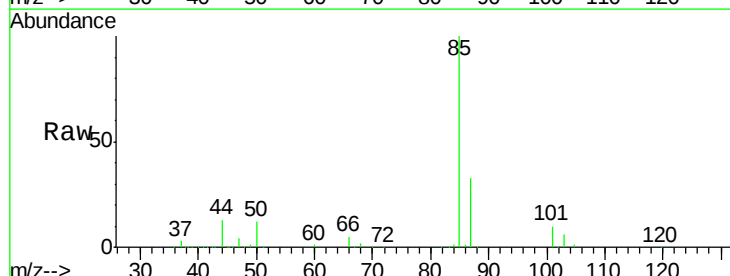
Acq: 19 Jun 2018 16:18

Tgt Ion: 85 Resp: 49288

Ion Ratio Lower Upper

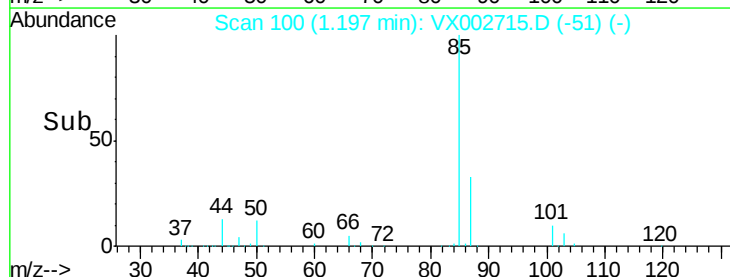
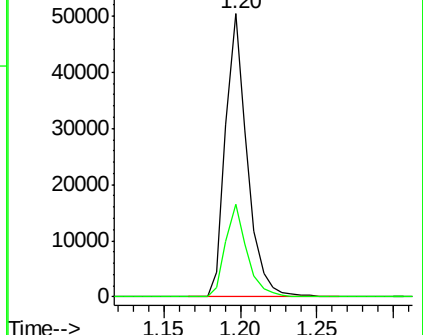
85 100

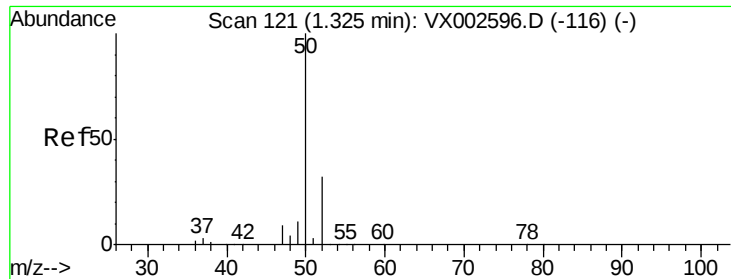
87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.70 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampled :

VX0619WBS01

Tot Ion: 50 Resp: 51879

Ion Ratio Lower Upper

50 100

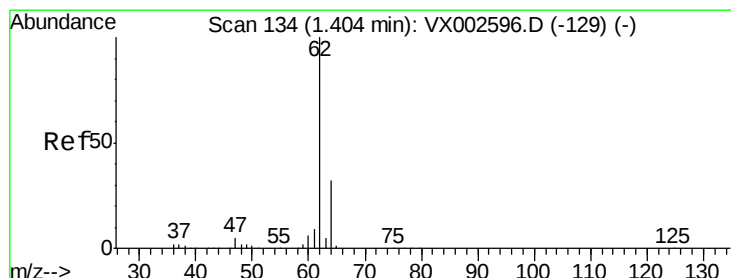
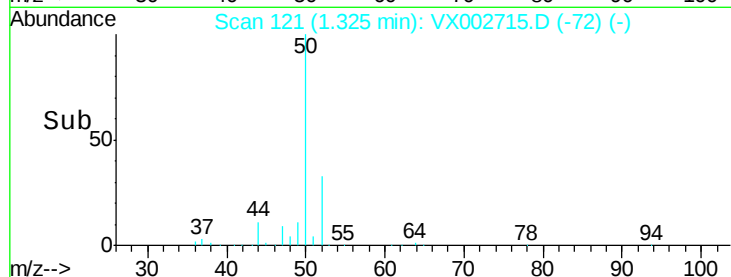
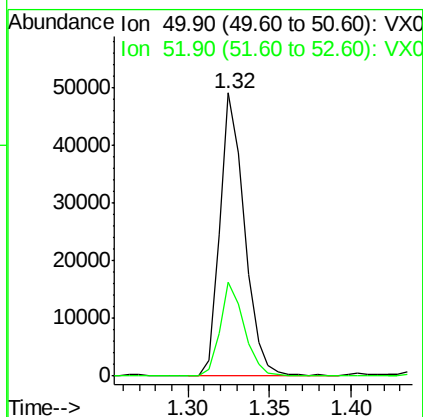
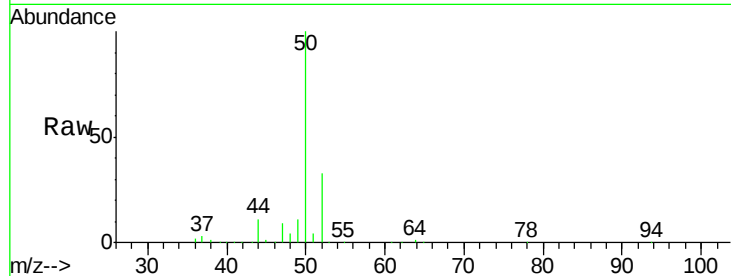
52 33.2 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.84 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002715.D

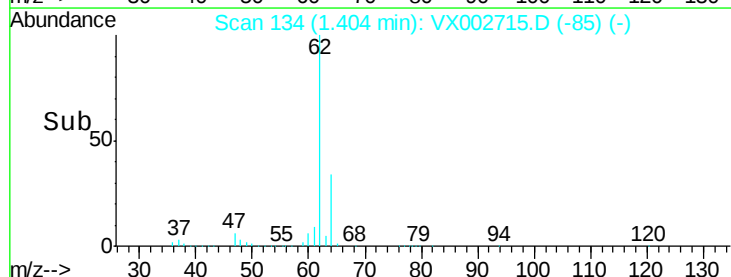
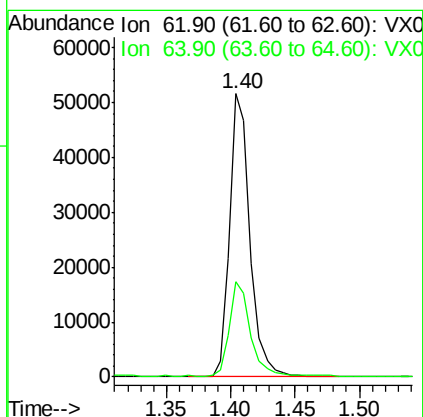
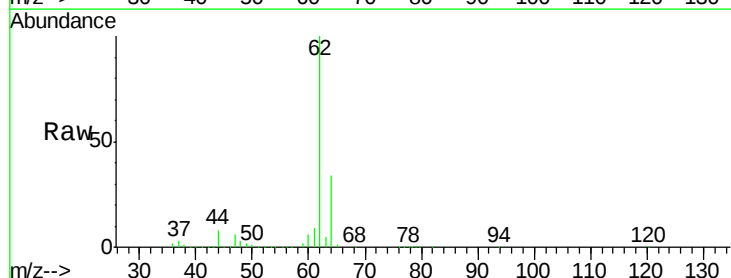
Acq: 19 Jun 2018 16:18

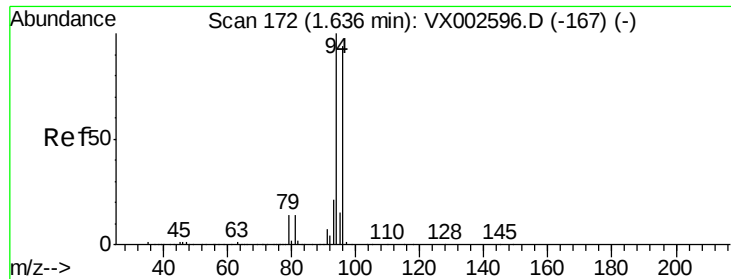
Tgt Ion: 62 Resp: 57308

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.2





#5

Bromomethane

Concen: 19.31 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion: 94 Resp: 35431

Ion Ratio Lower Upper

94 100

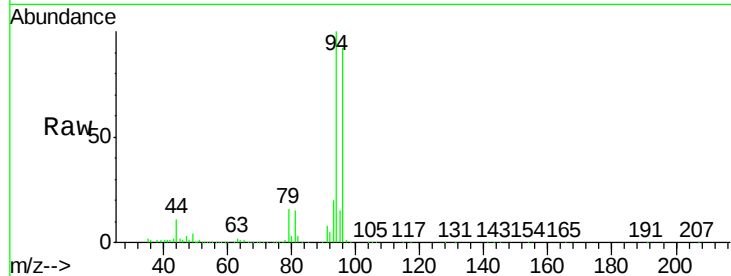
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Manual Integrations

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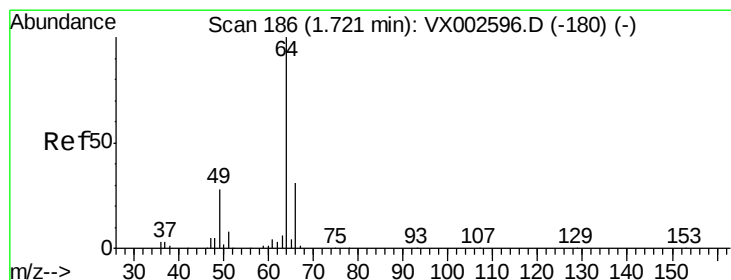
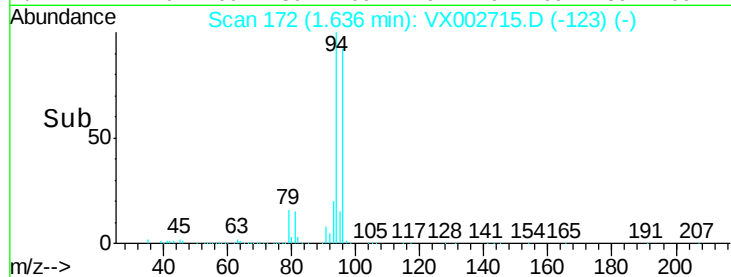
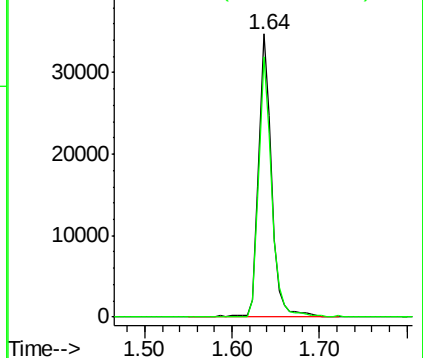
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.38 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002715.D

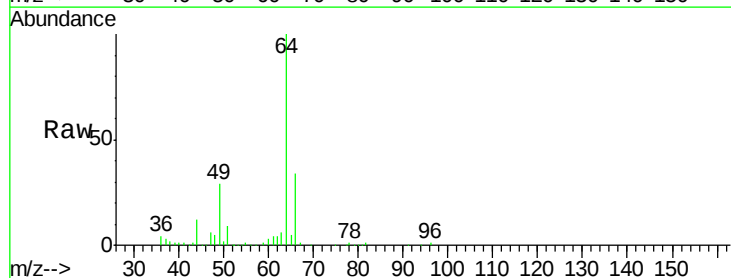
Acq: 19 Jun 2018 16:18

Tgt Ion: 64 Resp: 36842

Ion Ratio Lower Upper

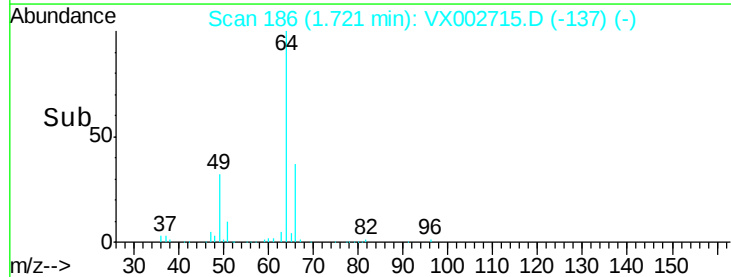
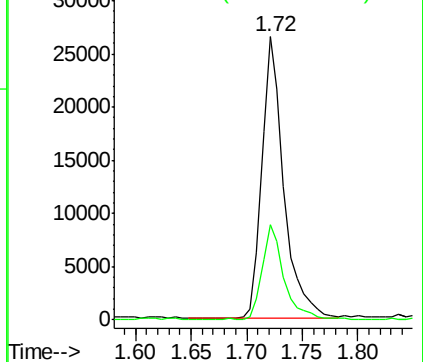
64 100

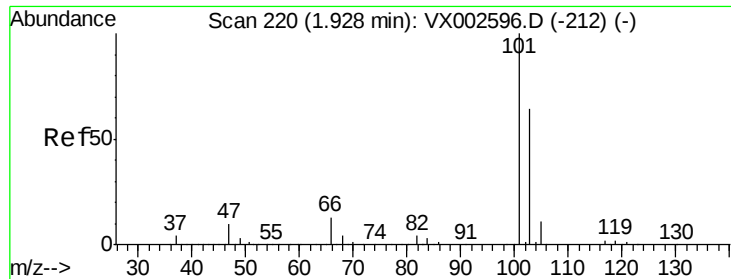
66 33.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

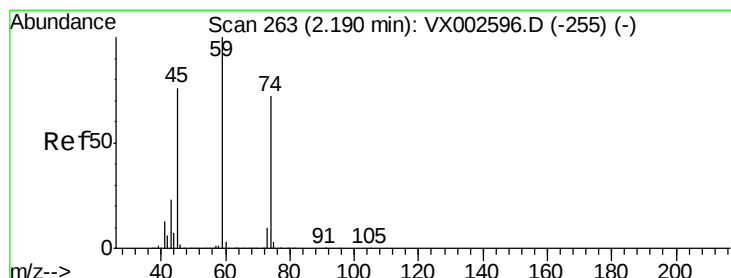
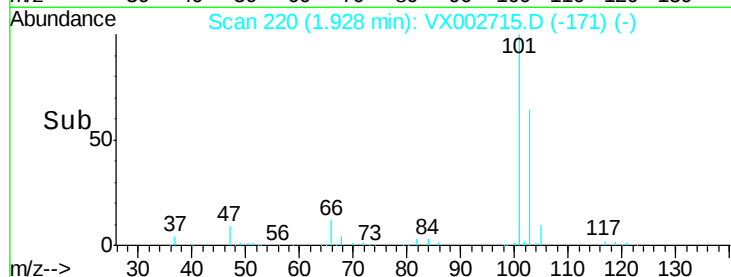
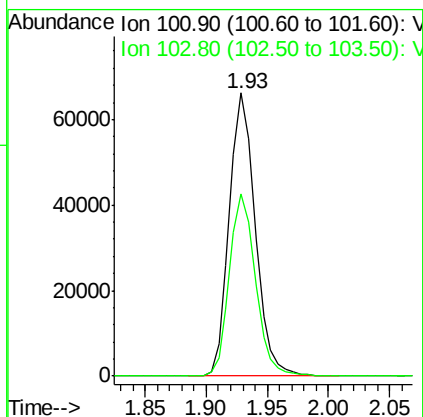
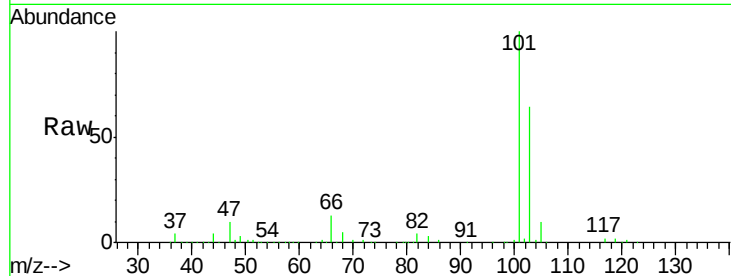
Trichlorofluoromethane
Concen: 19.77 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
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ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	52.8	79.2

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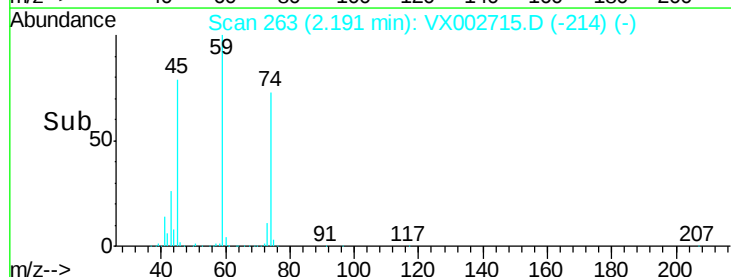
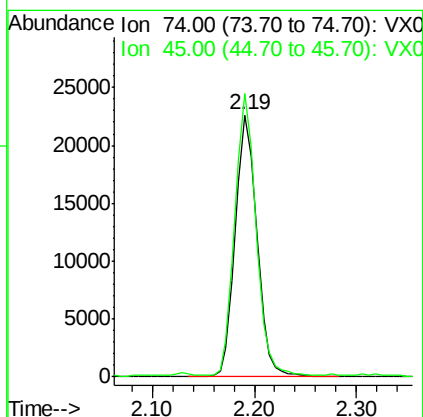
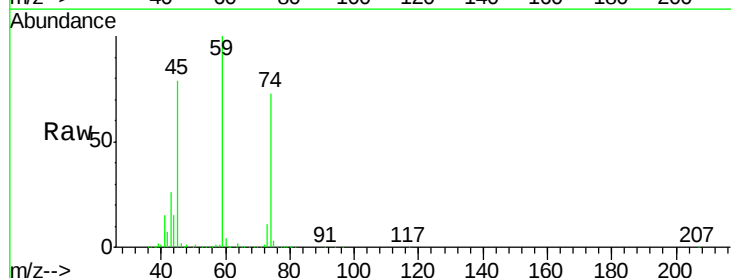
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#8

Diethyl Ether
Concen: 17.69 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.77 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

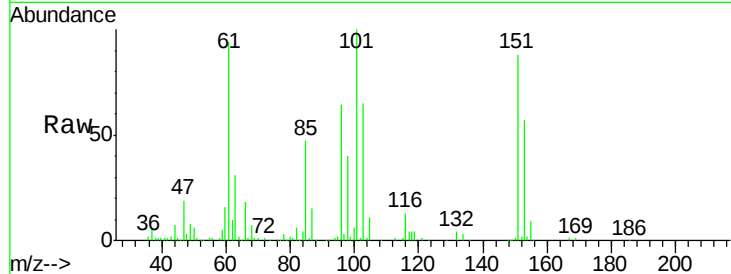
ClientSampleId :

VX0619WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.0	54.0
151	87.1	70.9	106.3

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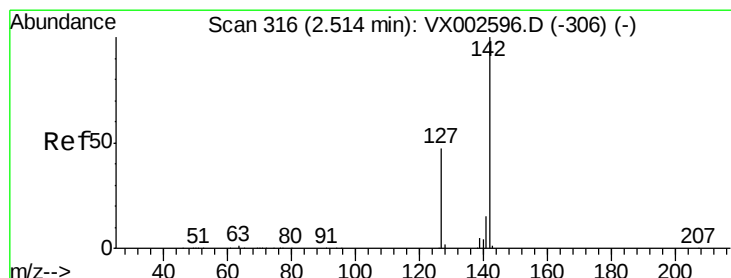
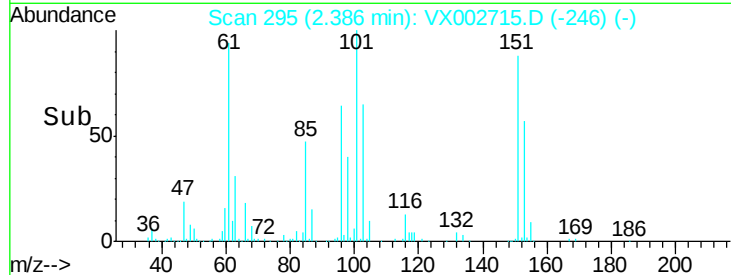
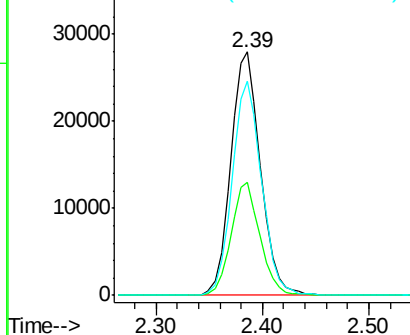
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.22 ug/l

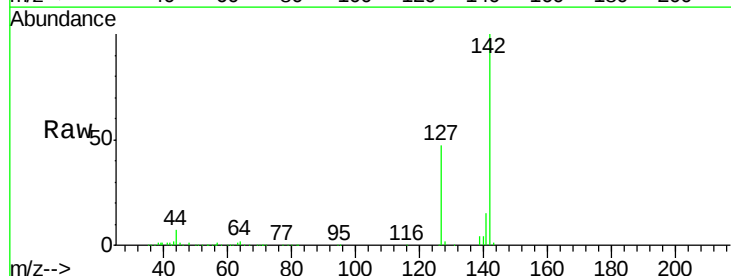
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

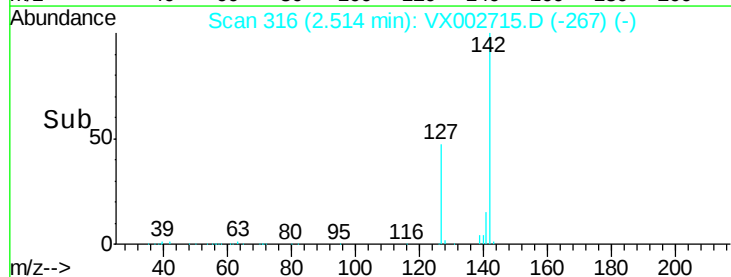
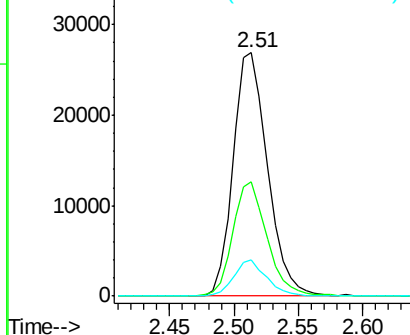
Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.8	36.6	55.0
141	14.5	11.3	16.9

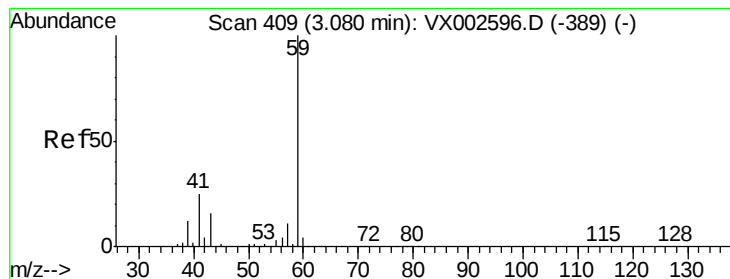


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

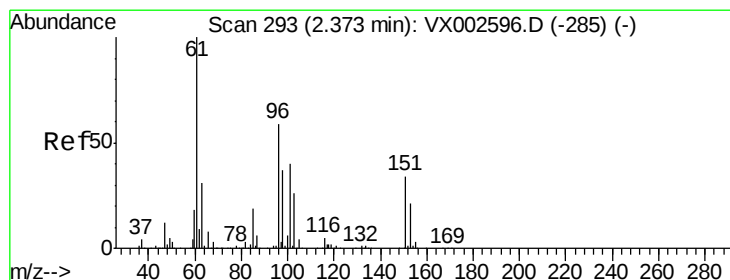
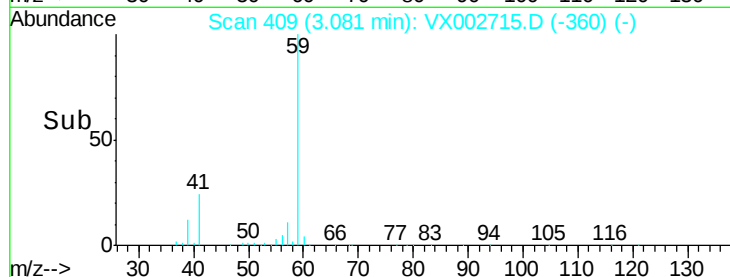
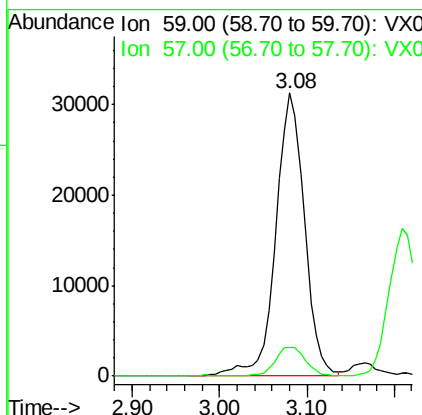
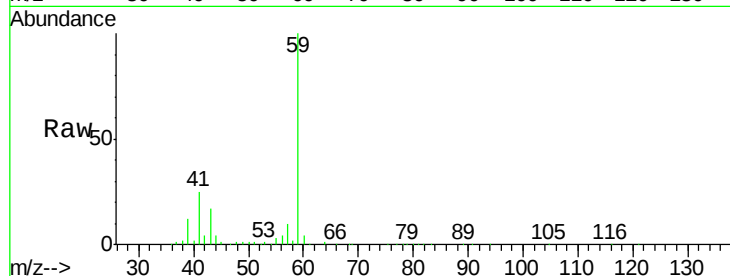
Tert butyl alcohol
Concen: 98.23 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	59	57	Ratio	100	11.1	Resp	71628	Lower	8.2	Upper	12.2
Ion											

Manual Integrations
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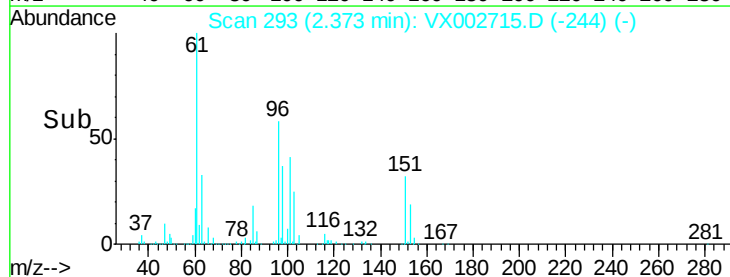
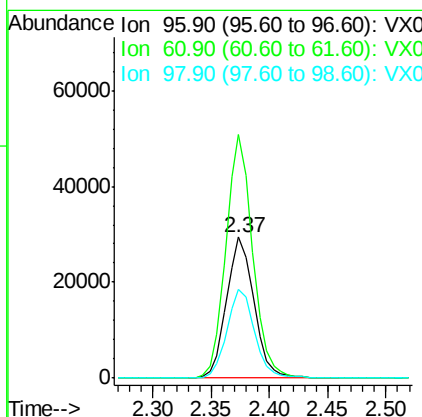
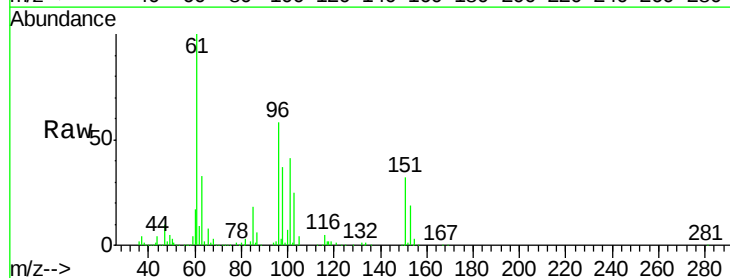
MMDadoda
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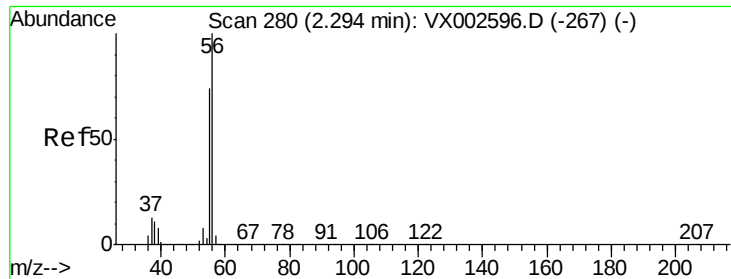


#12

1,1-Dichloroethene
Concen: 18.62 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	96	61	98	Ratio	100	172.7	63.4	Resp	48292	Lower	137.9	51.6	Upper	206.9	77.4
Ion															





#13

Acrolein

Concen: 141.98 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion: 56 Resp: 47491

Ion Ratio Lower Upper

56 100

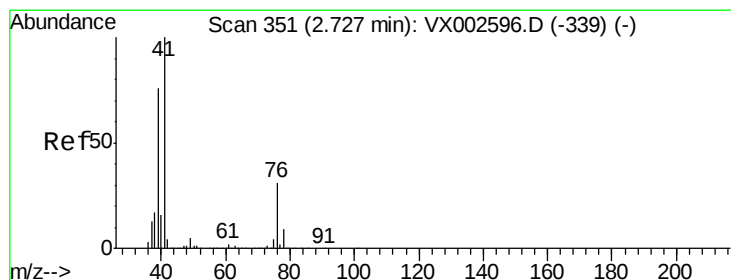
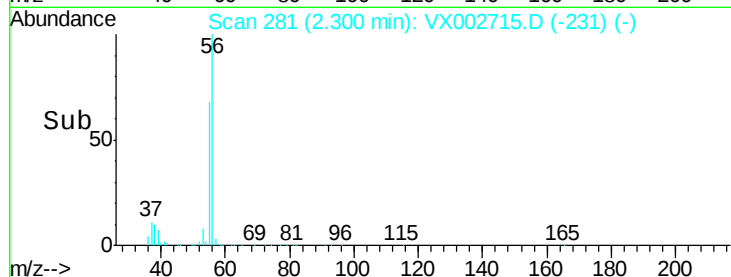
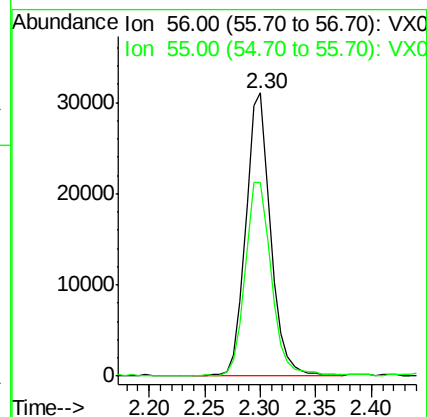
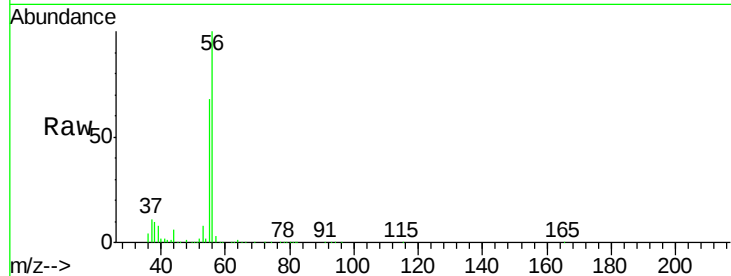
55 72.9 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.50 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

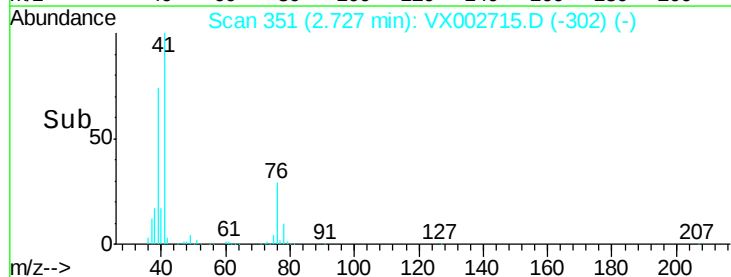
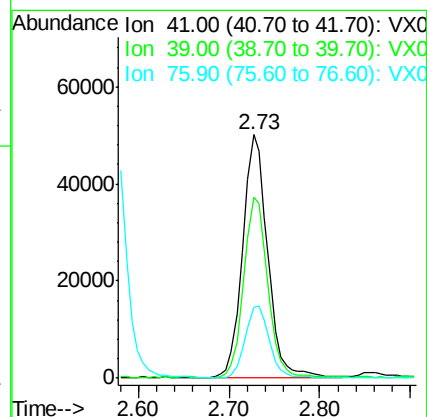
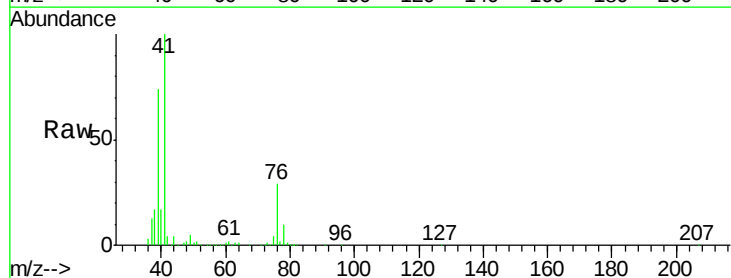
Tgt Ion: 41 Resp: 95261

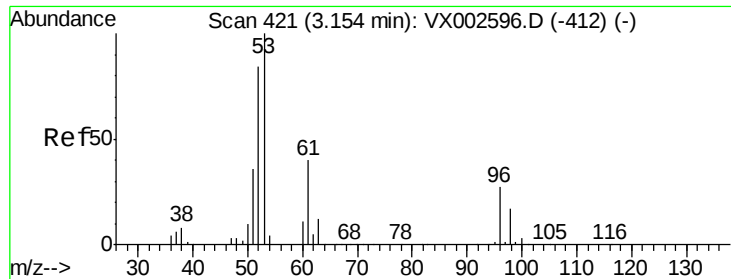
Ion Ratio Lower Upper

41 100

39 71.0 56.8 85.2

76 28.5 23.8 35.8





#15

Acrylonitrile

Concen: 94.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

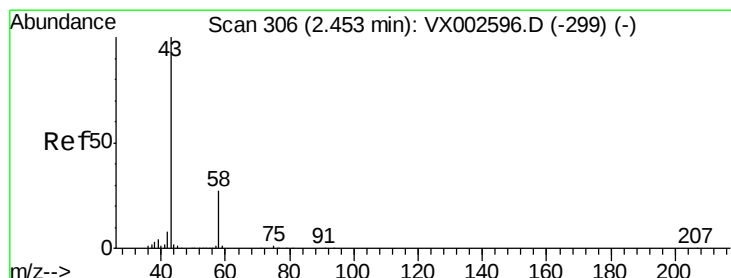
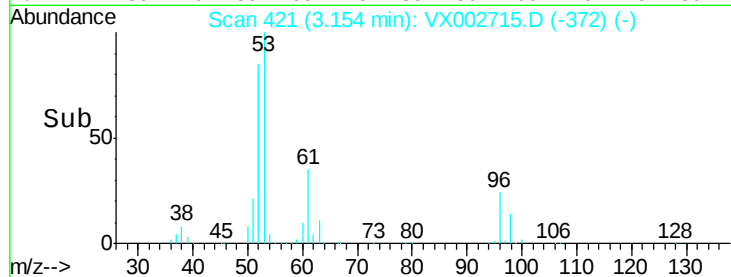
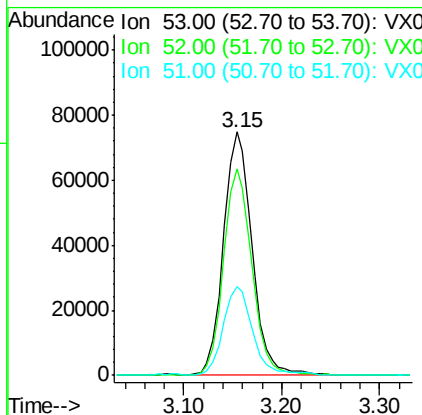
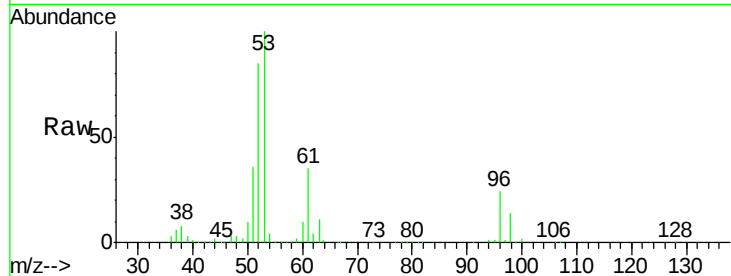
ClientSampled :

VX0619WBS01

Tot Ion:	53	Resp:	150807
Ion Ratio		Lower	Upper
53	100		
52	83.9	66.7	100.1
51	37.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 95.04 ug/l

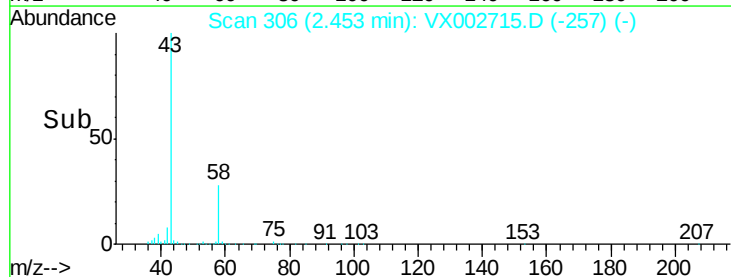
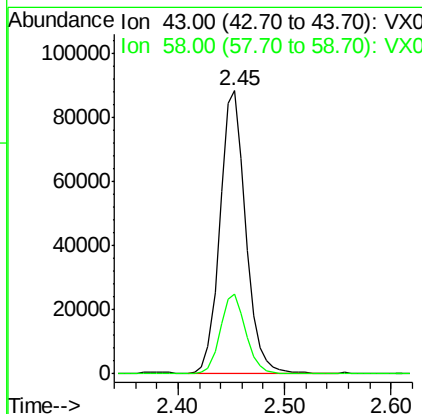
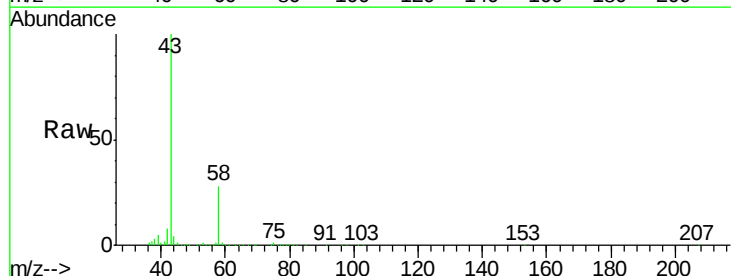
RT: 2.45 min Scan# 306

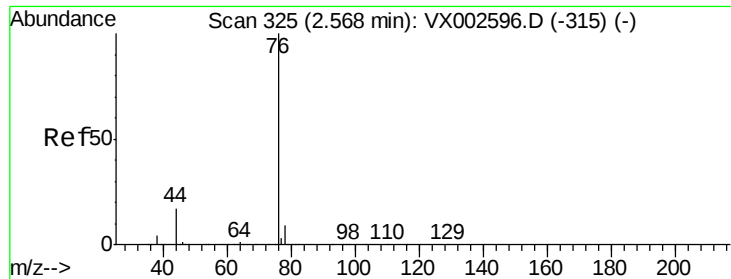
Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Tgt Ion:	43	Resp:	147892
Ion Ratio		Lower	Upper
43	100		
58	28.2	22.1	33.1





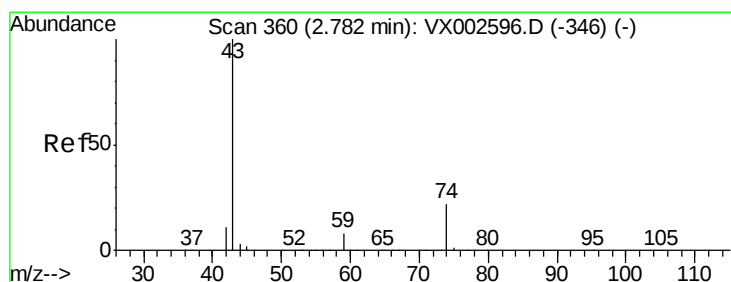
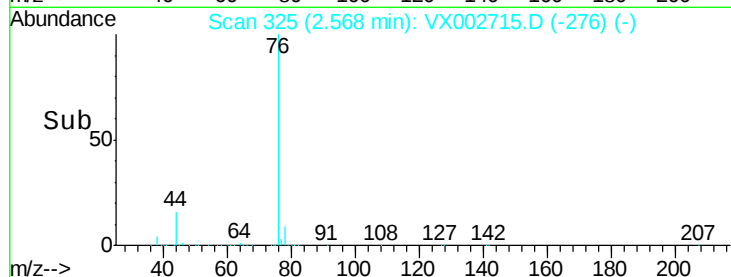
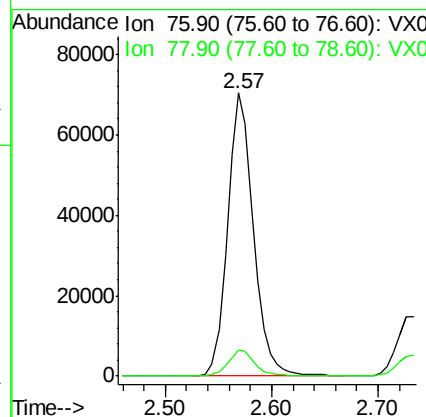
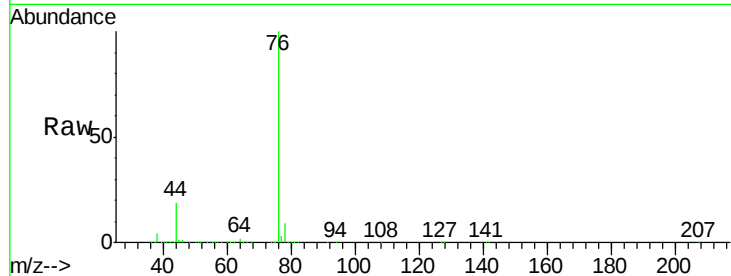
#17
Carbon Disulfide
Concen: 19.40 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

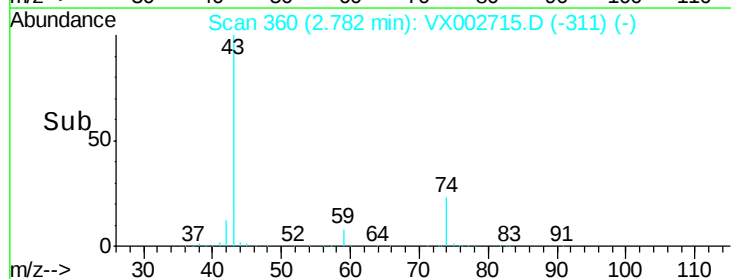
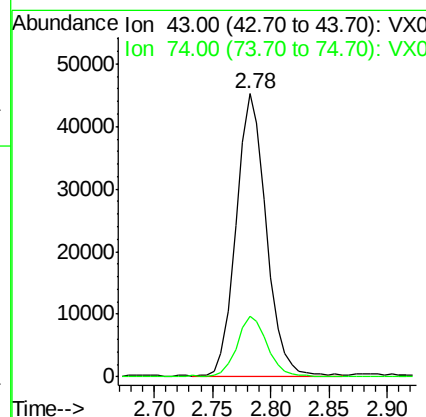
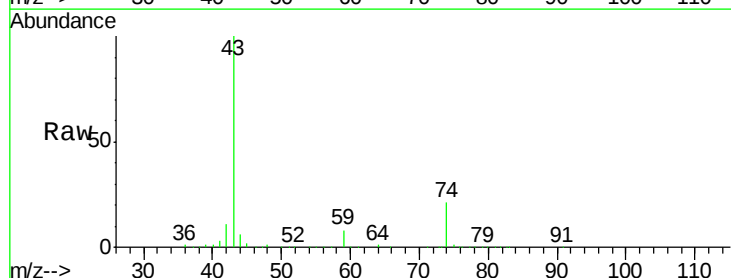
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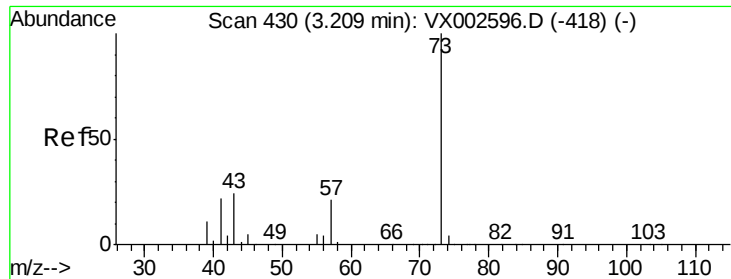
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#18
Methyl Acetate
Concen: 19.46 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.4	16.7	25.1





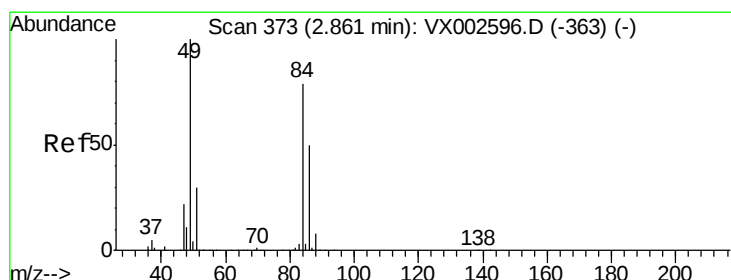
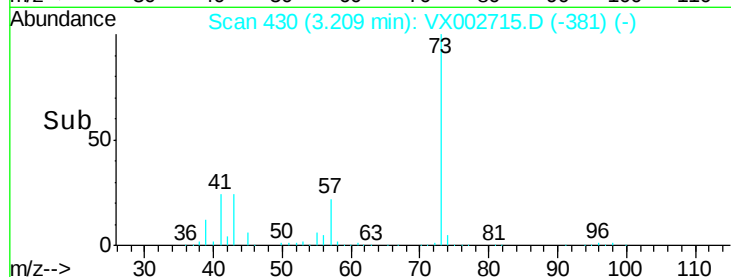
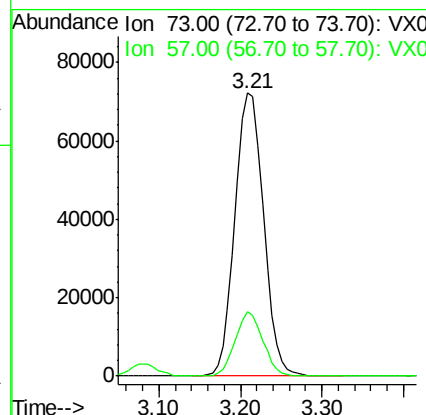
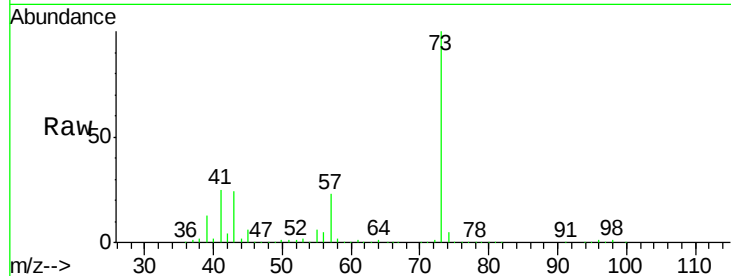
#19
Methvl tert-butvl Ether
Concen: 18.05 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion: 73 Resp: 175570
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

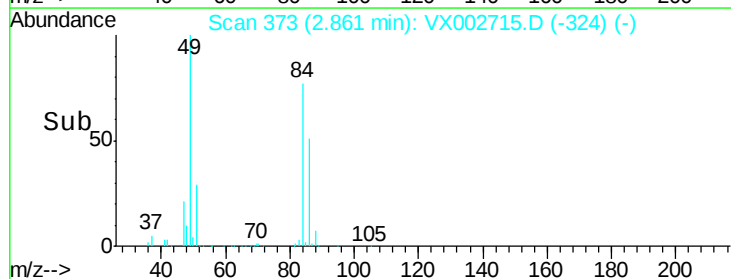
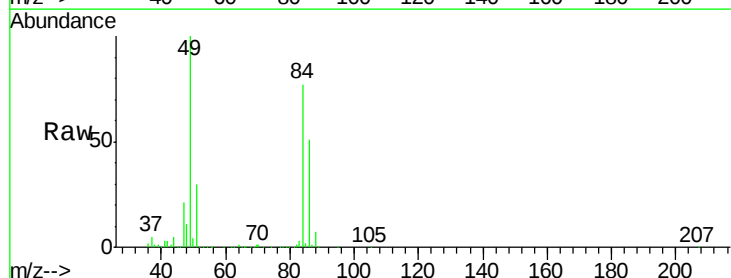
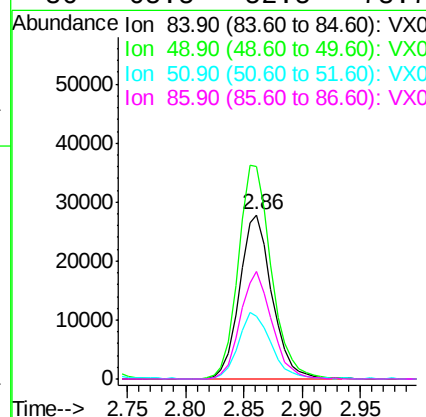
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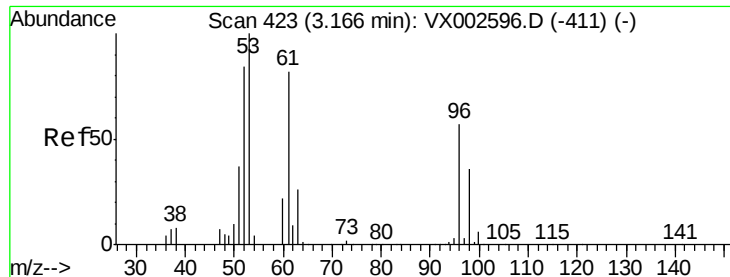
MMDadoda
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#20
Methylene Chloride
Concen: 16.98 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion: 84 Resp: 54185
Ion Ratio Lower Upper
84 100
49 129.3 107.8 161.6
51 38.2 32.8 49.2
86 65.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.51 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion: 96 Resp: 52069

Ion Ratio Lower Upper

96 100

61 139.5 117.0 175.4

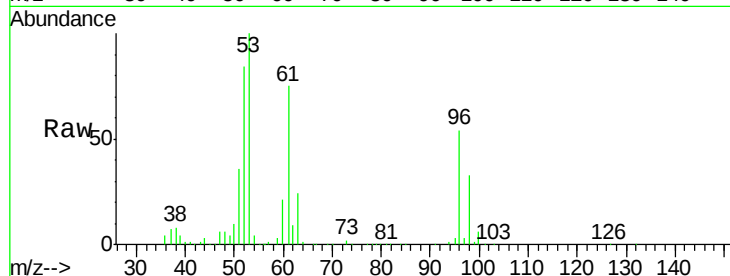
98 61.5 52.4 78.6

Manual Integrations

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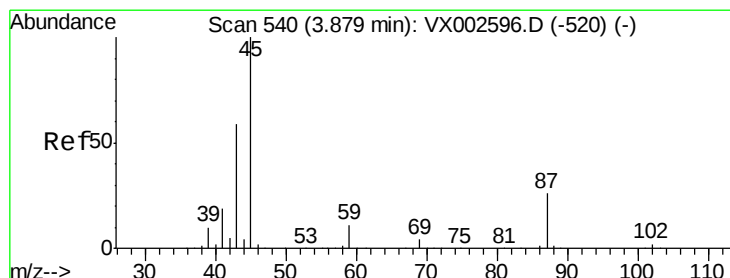
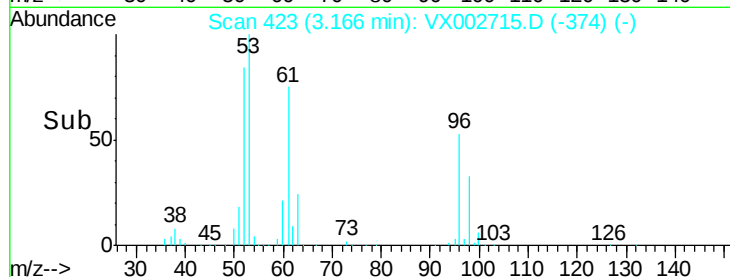
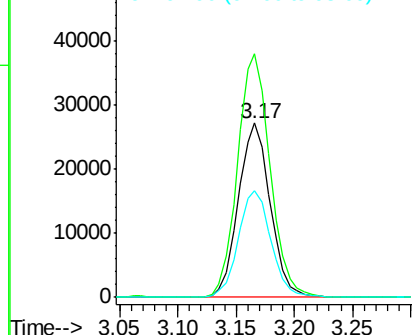


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.18 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Tgt Ion: 45 Resp: 169420

Ion Ratio Lower Upper

45 100

43 61.0 46.8 70.2

87 25.9 20.2 30.4

59 11.1 8.7 13.1

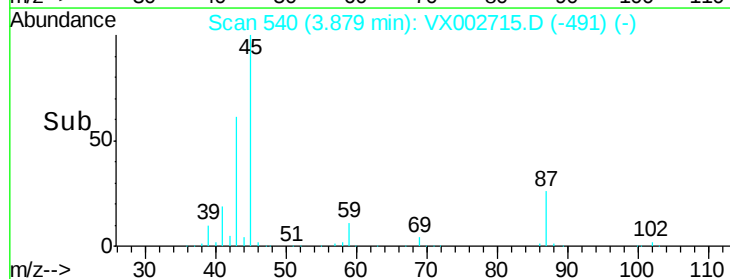
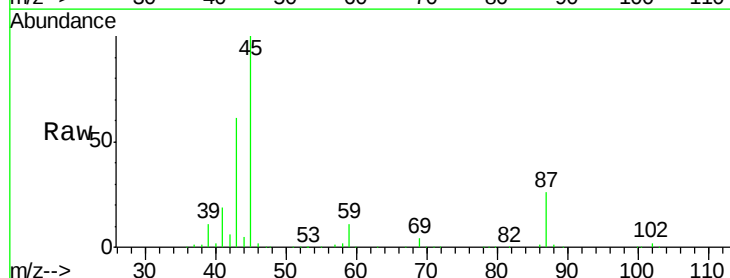
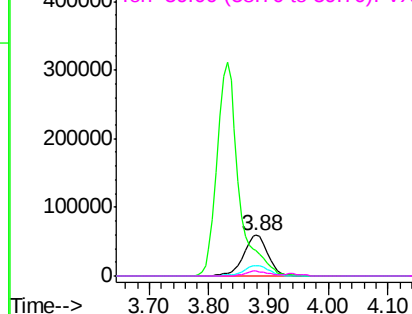
Abundance

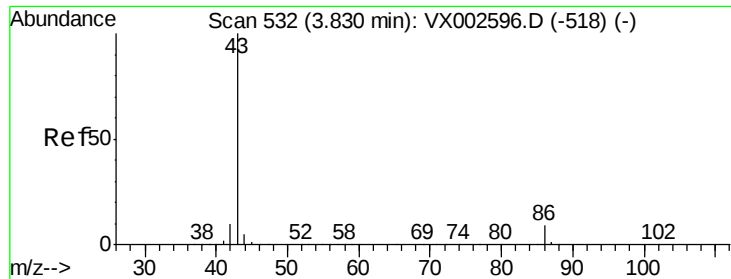
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.76 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion: 43 Resp: 785707

Ion Ratio Lower Upper

43 100

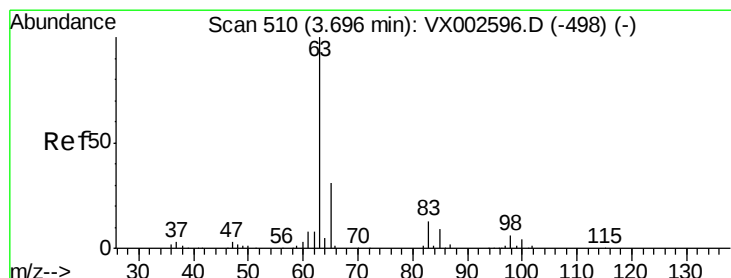
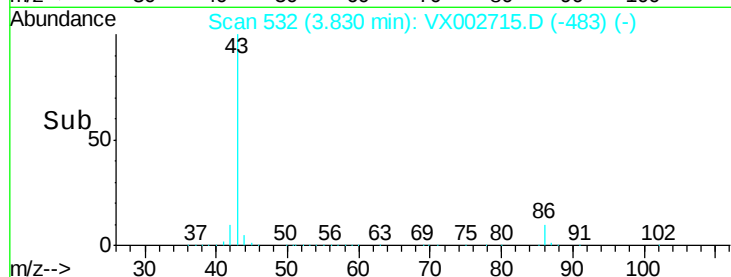
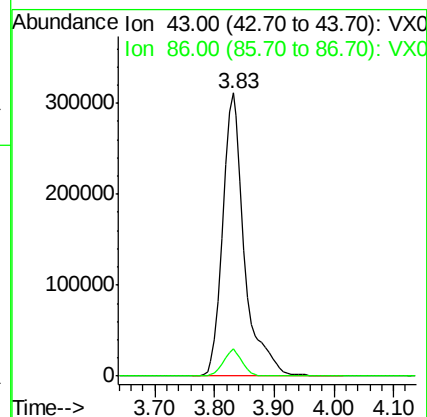
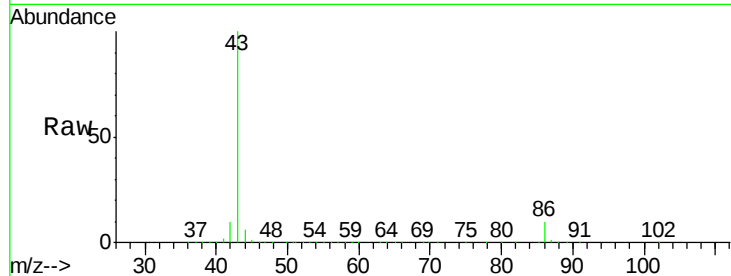
86 9.7 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.87 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

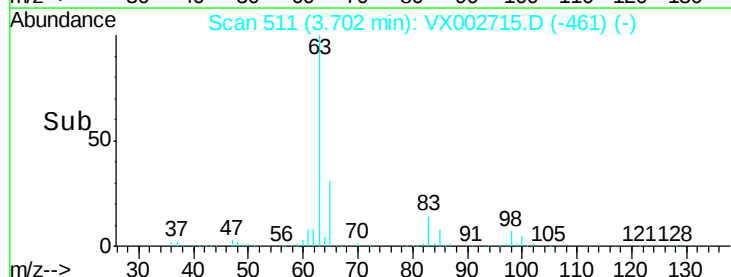
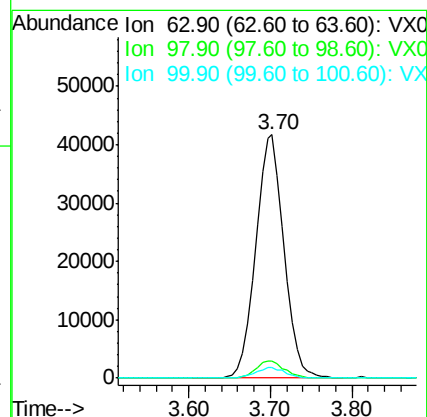
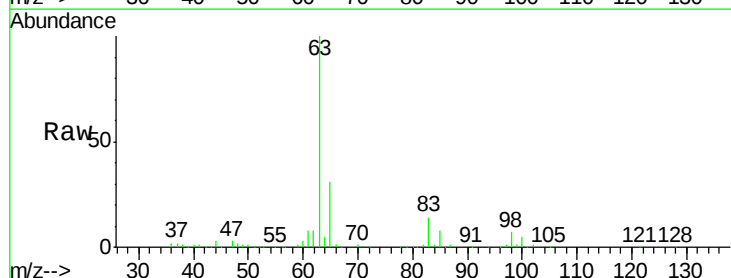
Tgt Ion: 63 Resp: 100496

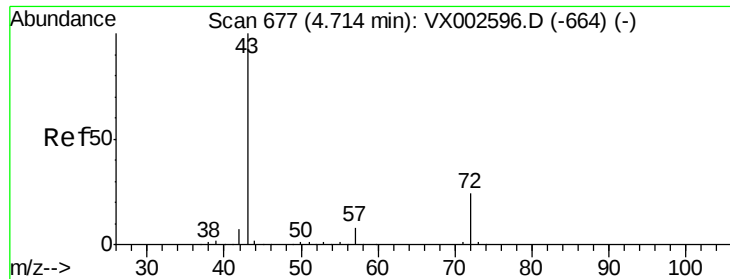
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 100.85 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Tot Ion: 43 Resp: 206105

Ion Ratio Lower Upper

43 100

72 24.1 18.5 27.7

Instrument :

MSVOA_X

ClientSampleId :

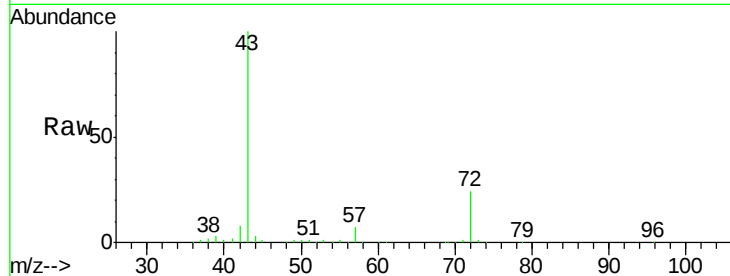
VX0619WBS01

Manual Integrations

APPROVED

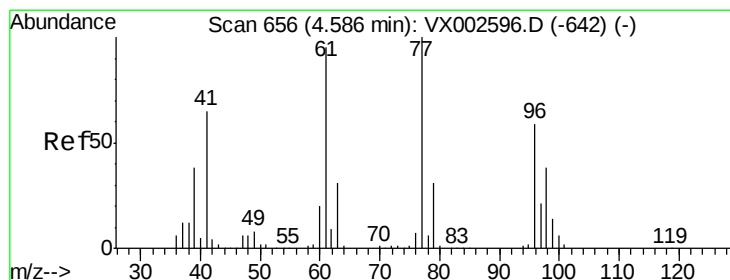
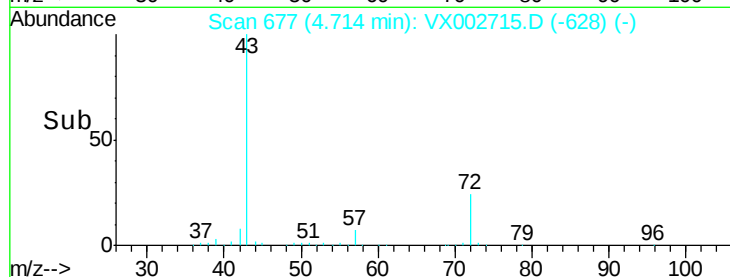
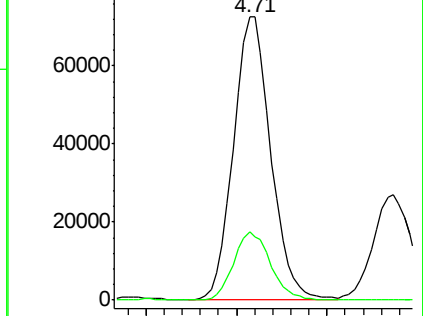
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.01 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002715.D

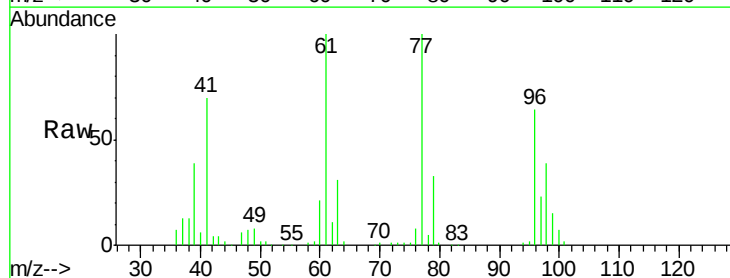
Acq: 19 Jun 2018 16:18

Tgt Ion: 77 Resp: 65438

Ion Ratio Lower Upper

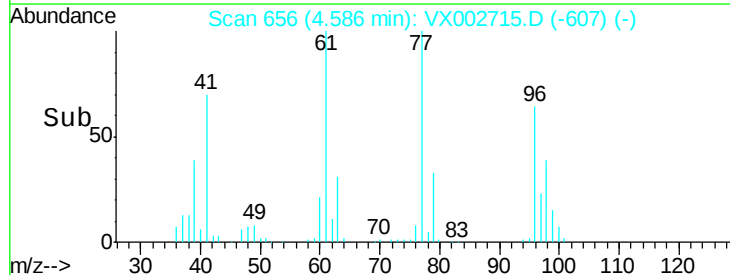
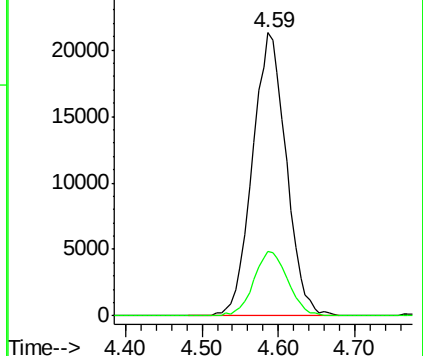
77 100

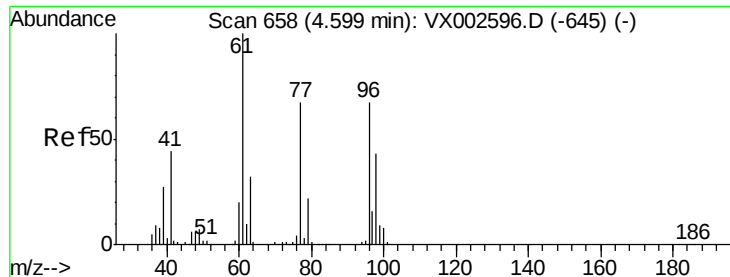
97 23.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

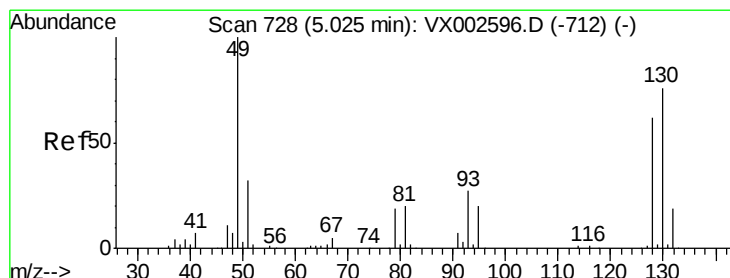
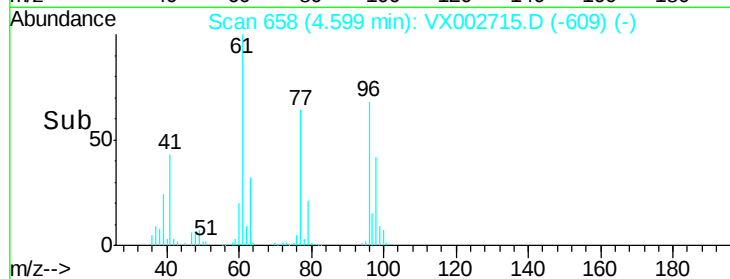
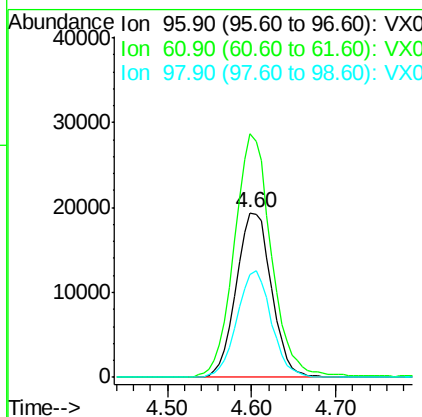
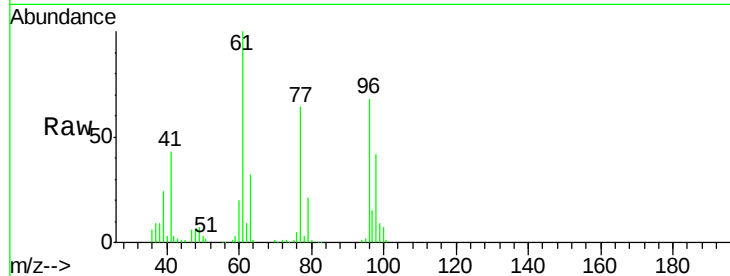
cis-1,2-Dichloroethene
Concen: 19.12 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	330.2
98	63.3	0.0	130.2

Manual Integrations
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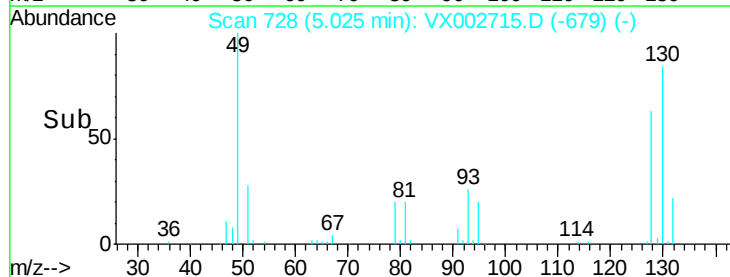
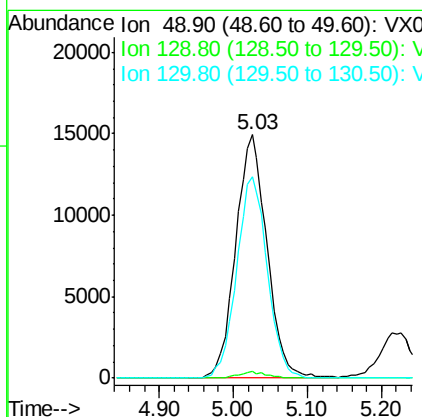
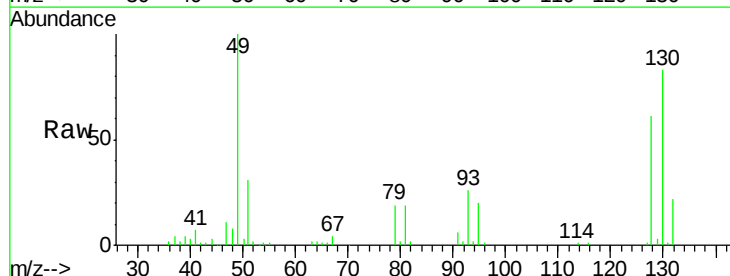
MMDadoda
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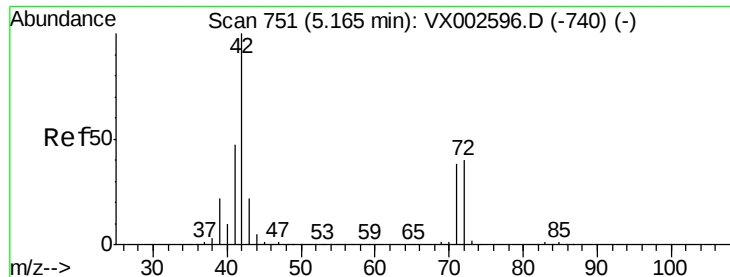


#28

Bromochloromethane
Concen: 18.55 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	81.1	61.2	91.8





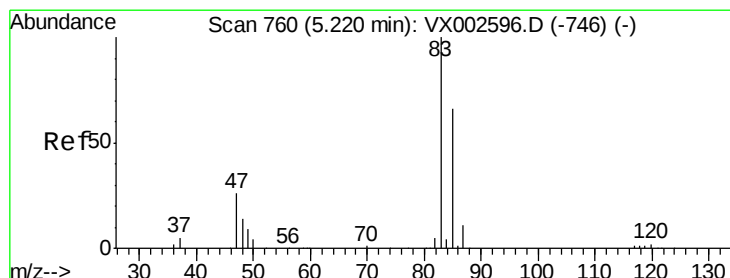
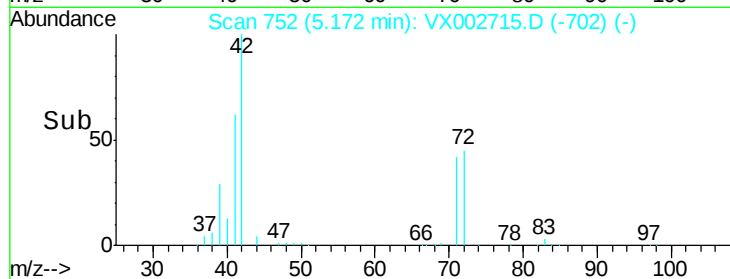
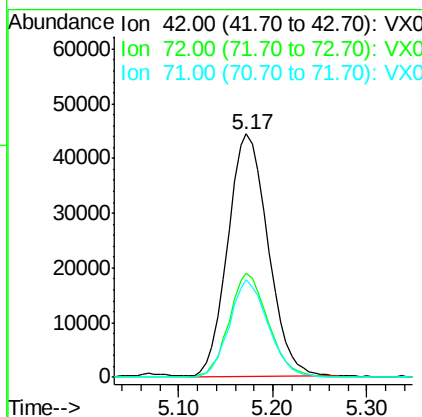
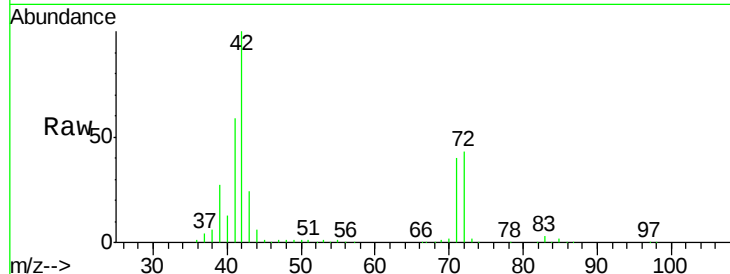
#29
Tetrahydrofuran
Concen: 98.48 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	39.1	30.1	45.1

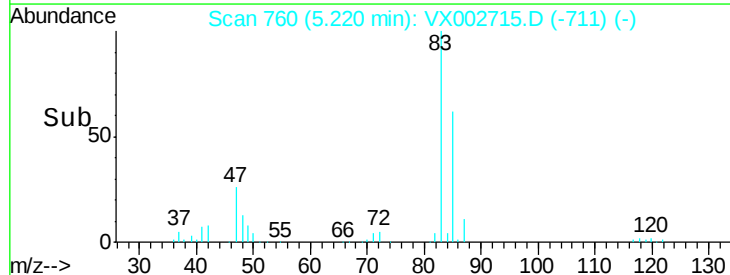
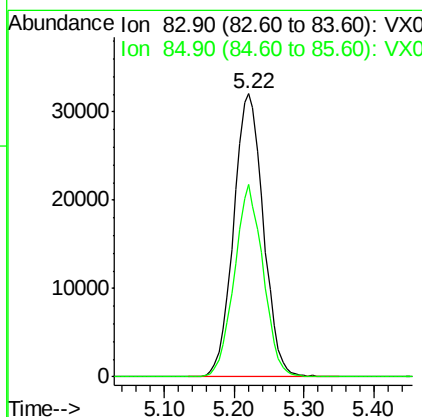
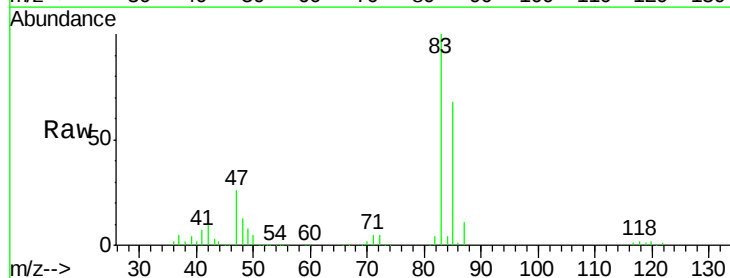
Manual Integrations
APPROVED

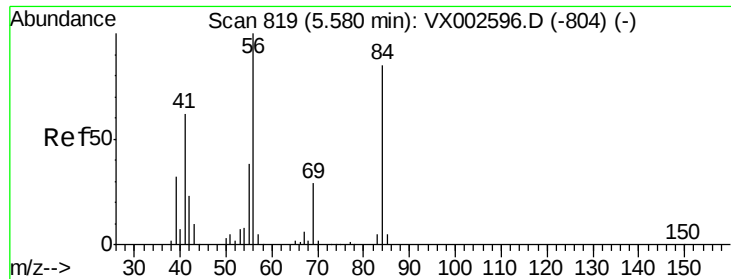
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#30
Chloroform
Concen: 19.42 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.1	50.4	75.6





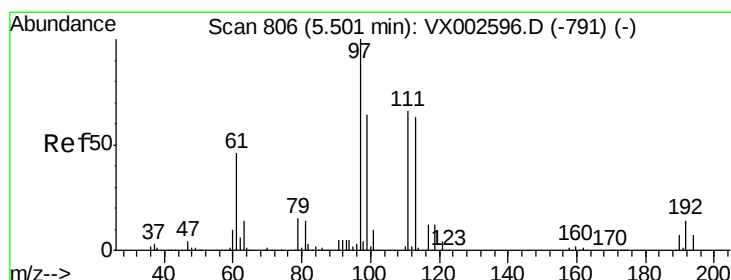
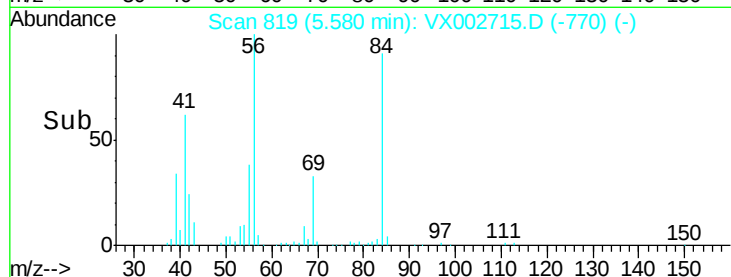
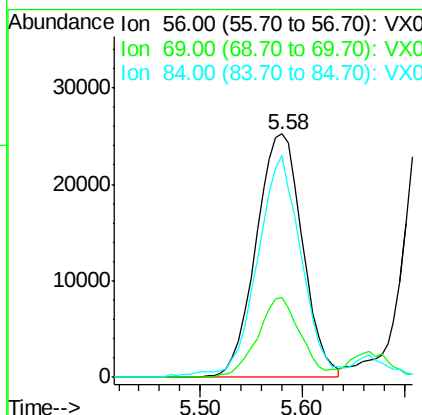
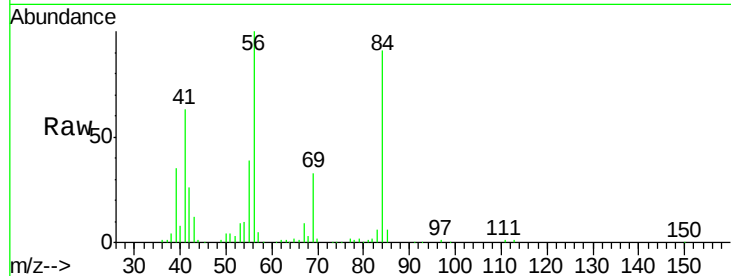
#31
Cyclohexane
Concen: 19.12 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.7	35.5
84	89.7	64.1	96.1

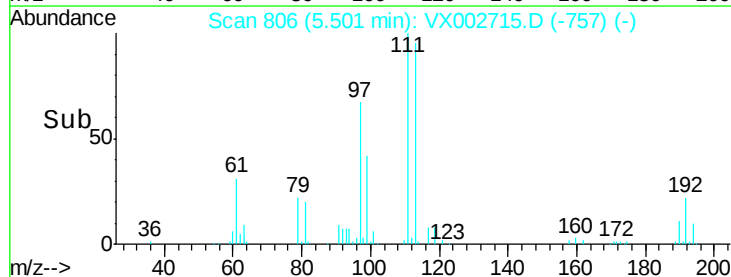
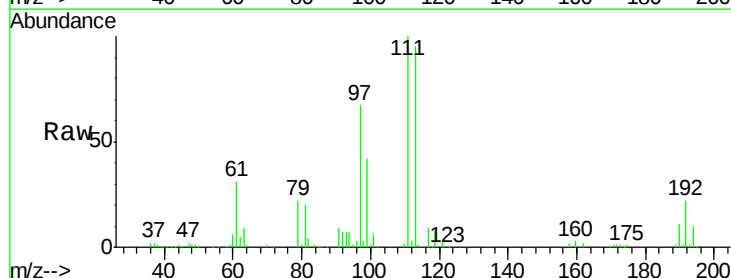
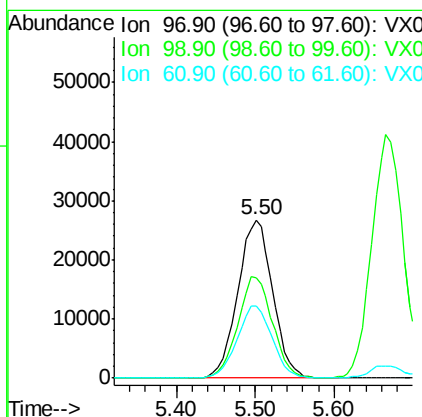
Manual Integrations
APPROVED

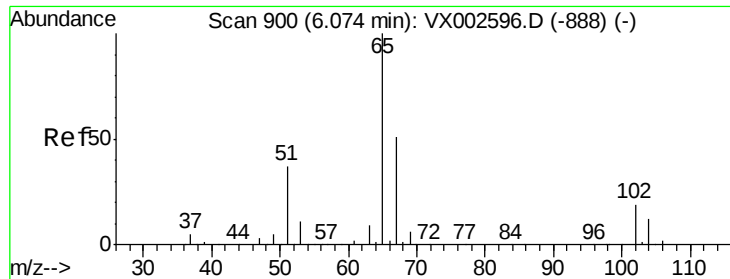
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#32
1,1,1-Trichloroethane
Concen: 20.11 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	45.9	36.4	54.6





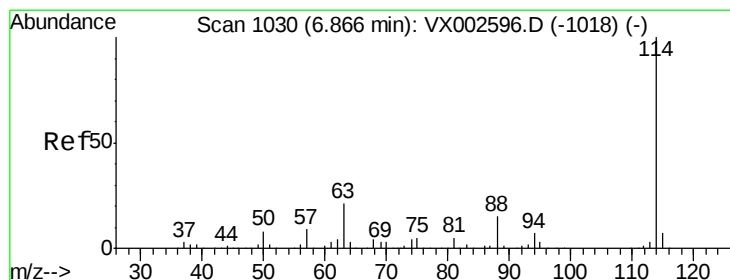
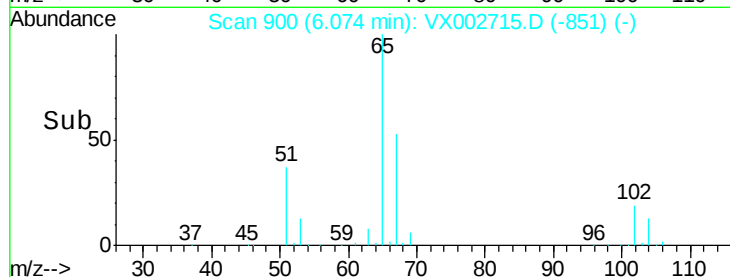
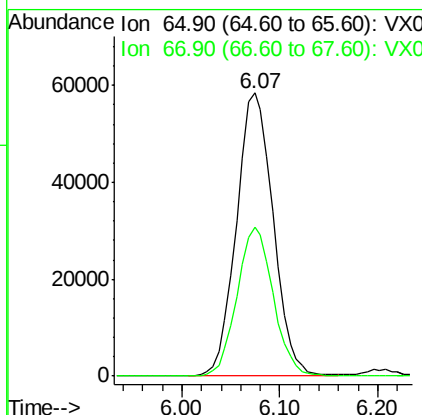
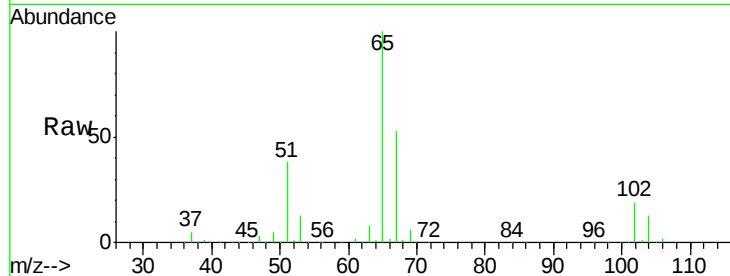
#33
 1,2-Dichloroethane-d4
 Concen: 43.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	152517		
67	51.7	0.0	102.6	

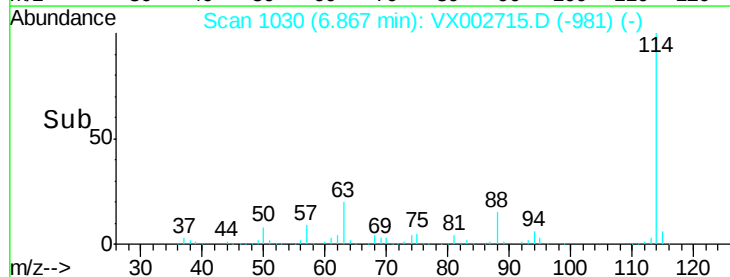
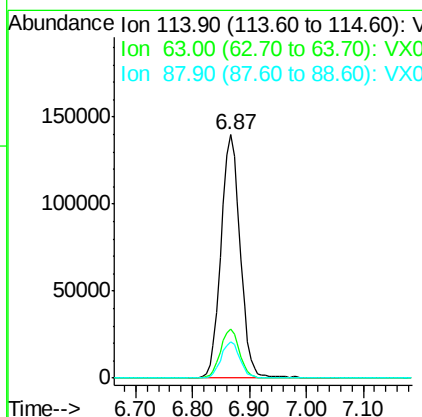
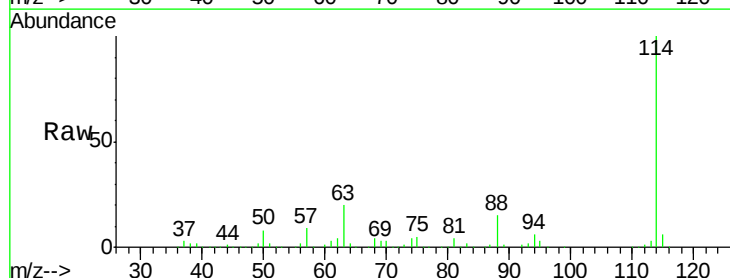
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	328092		
63	20.4	0.0	41.4	
88	15.1	0.0	30.0	





#35

Dibromofluoromethane

Concen: 45.62 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

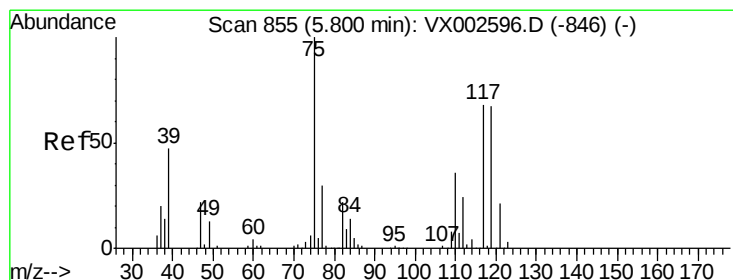
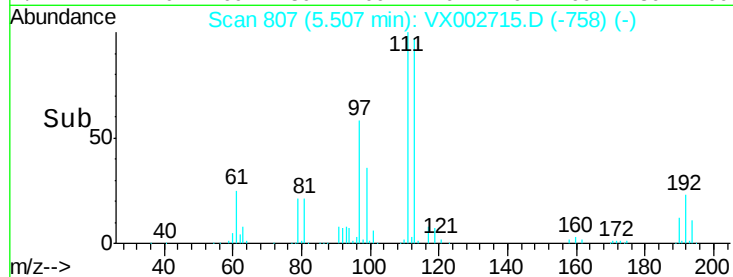
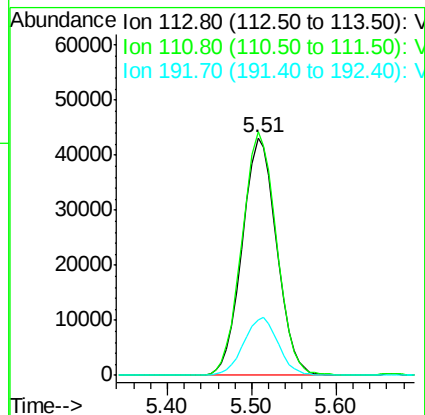
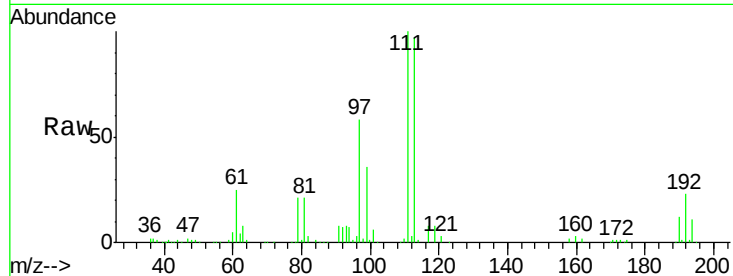
ClientSampleId :

VX0619WBS01

Tot Ion:	113	Resp:	119468
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.4	122.0
192	24.3	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.54 ug/l

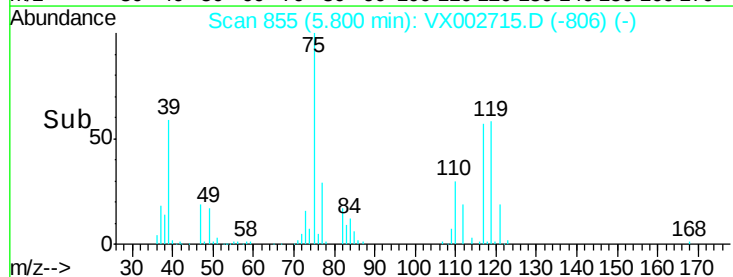
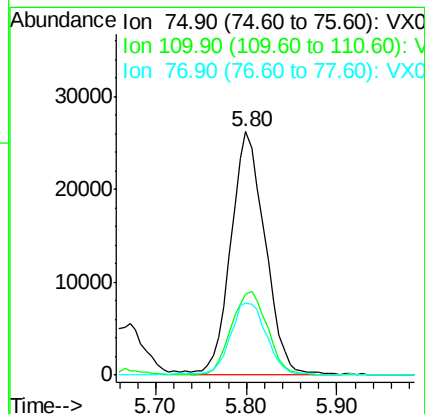
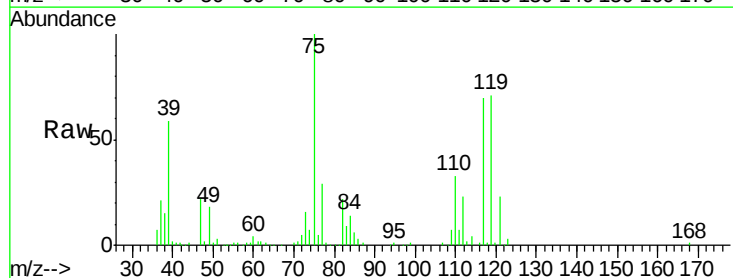
RT: 5.80 min Scan# 855

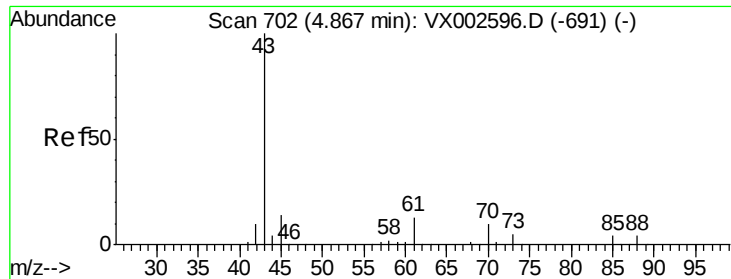
Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Tgt Ion:	75	Resp:	68072
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.1	54.4
77	31.6	24.3	36.5





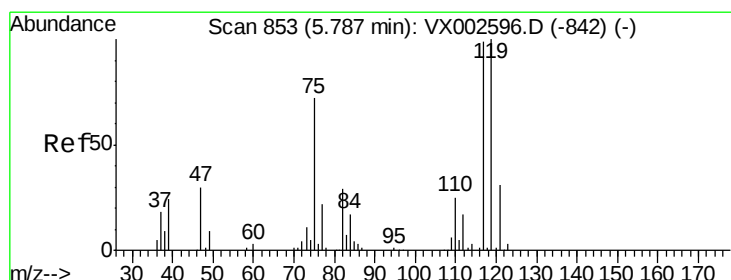
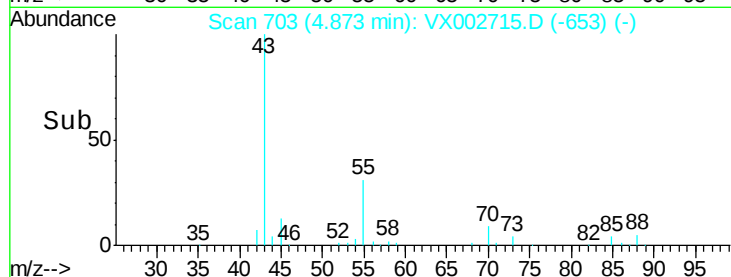
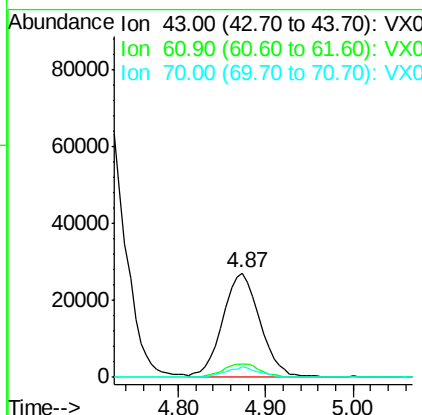
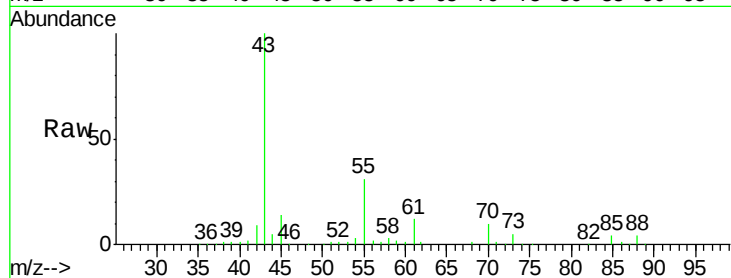
#37
Ethyl Acetate
Concen: 20.11 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.6	7.6	11.4

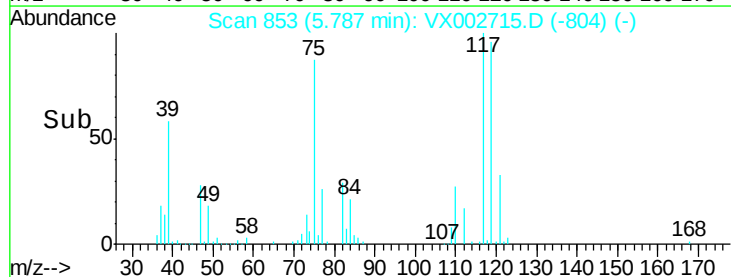
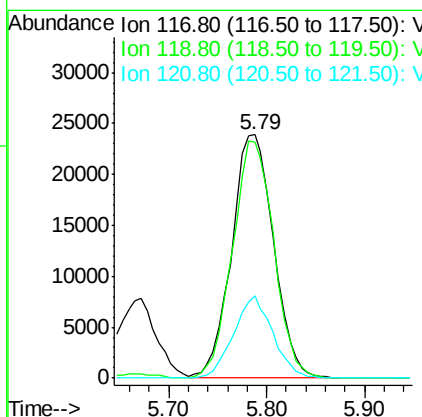
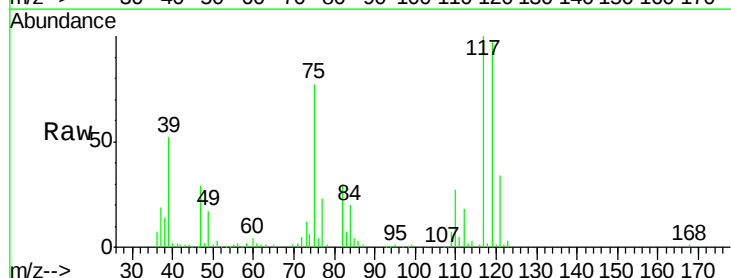
Manual Integrations
APPROVED

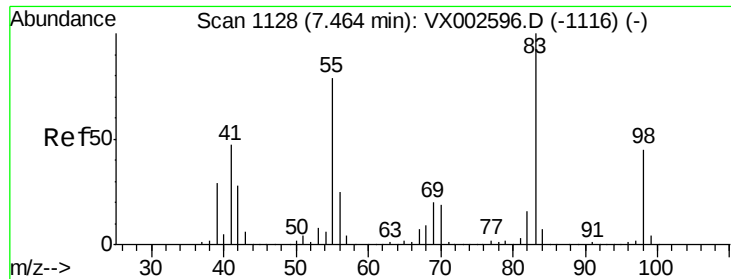
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#38
Carbon Tetrachloride
Concen: 20.53 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
121	33.6	24.4	36.6





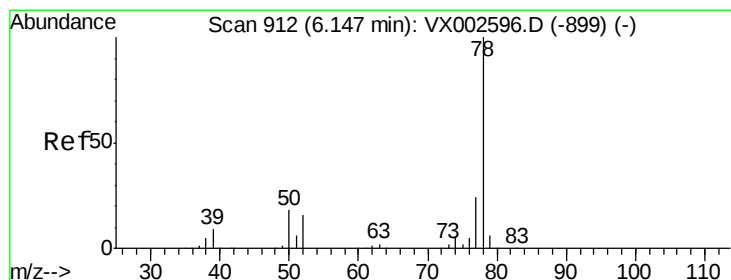
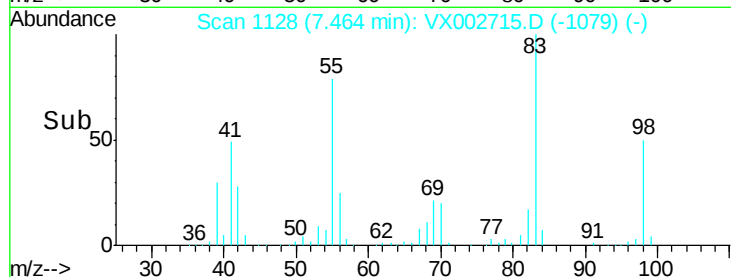
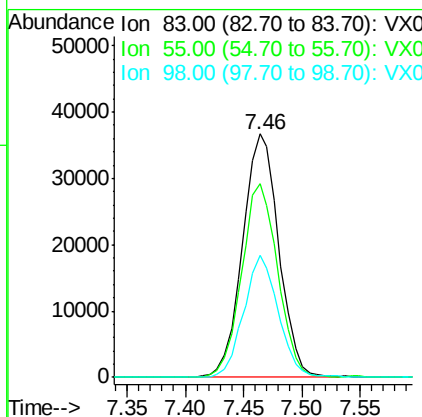
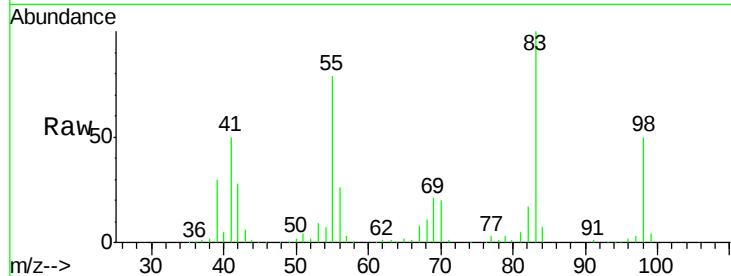
#39
Methvlcvclohexane
Concen: 19.50 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	65.4	98.0
98	49.9	37.4	56.0

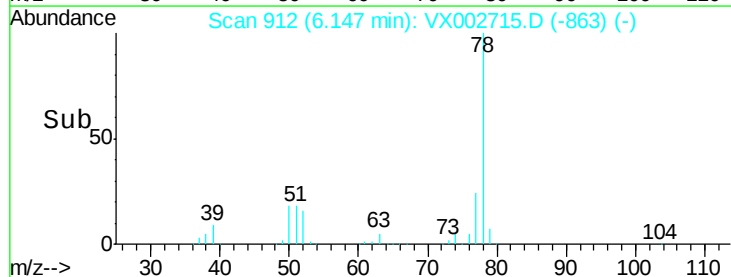
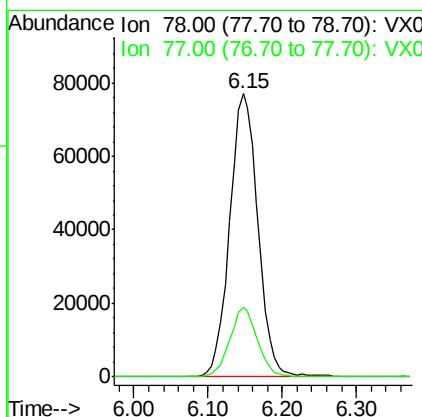
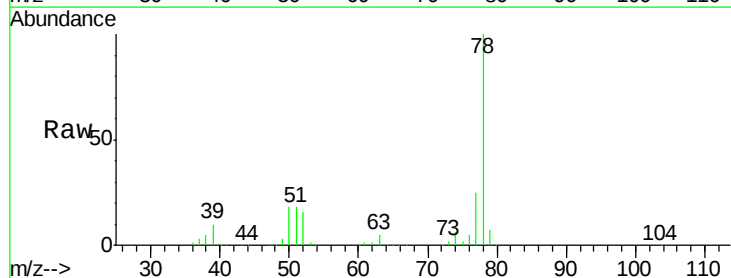
Manual Integrations
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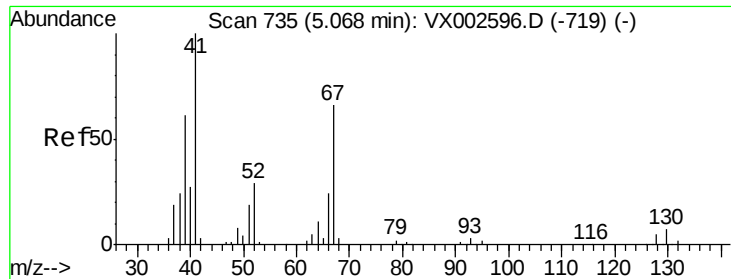
MMDadoda
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#40
Benzene
Concen: 19.59 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.1	28.7





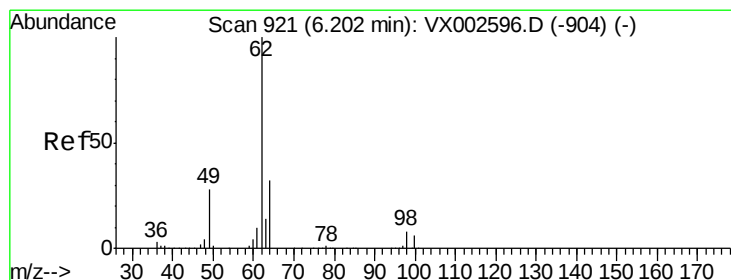
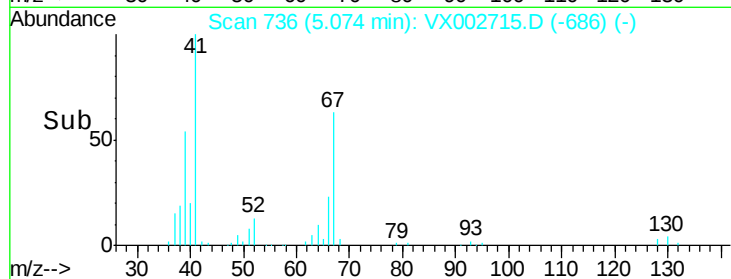
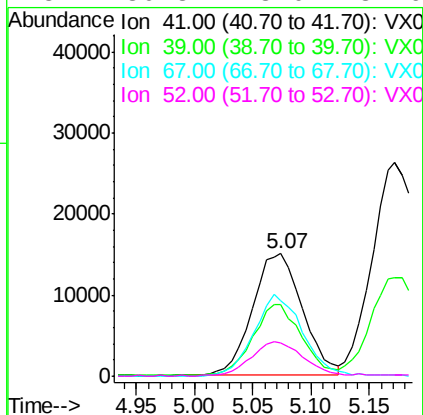
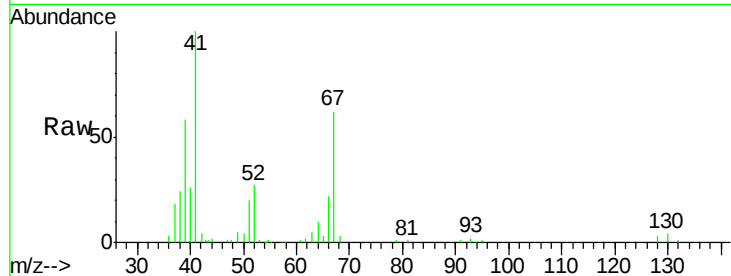
#41
Methacrylonitrile
Concen: 20.08 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	41	Resp	44706
Ion Ratio	Lower	Upper	
41	100		
39	56.8	45.8	68.6
67	65.6	51.3	76.9
52	30.3	23.0	34.6

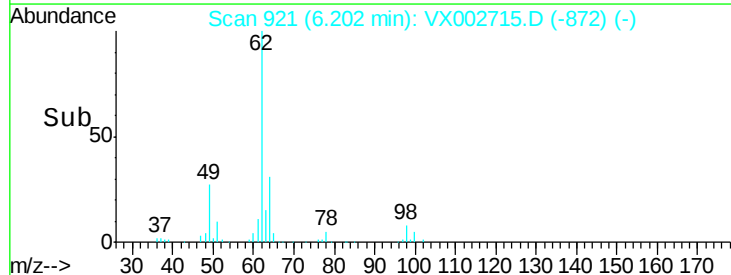
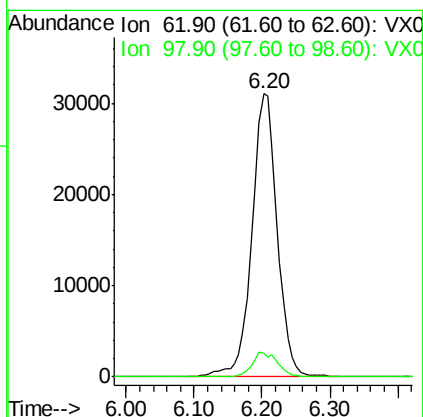
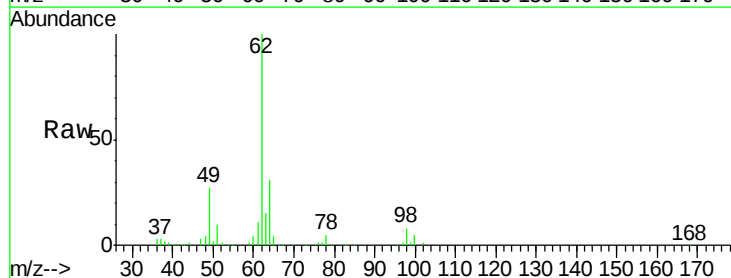
Manual Integrations
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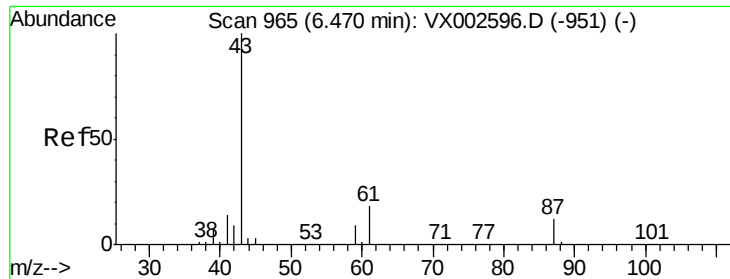
MMDadoda
6/20/2018 6:26:56 PM



#42
1,2-Dichloroethane
Concen: 19.92 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	62	Resp	80577
Ion Ratio	Lower	Upper	
62	100		
98	8.6	0.0	16.6





#43

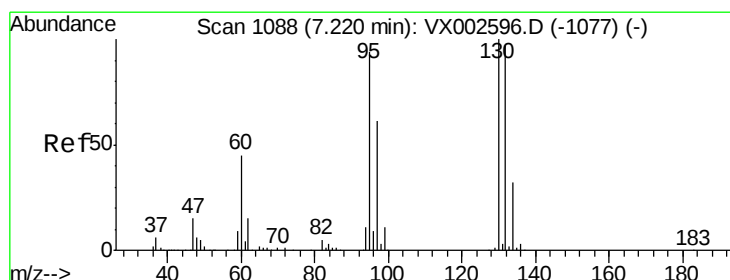
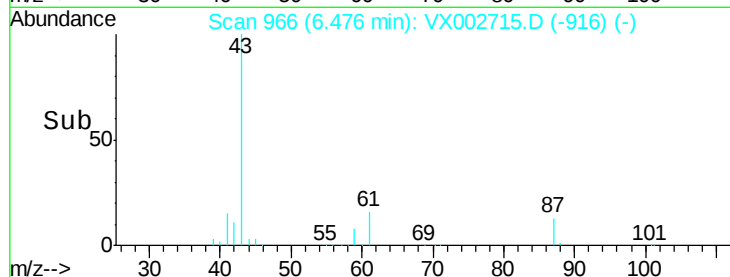
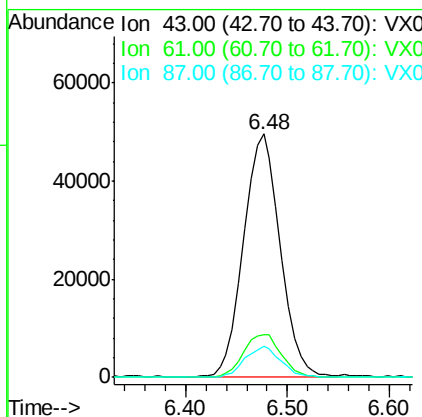
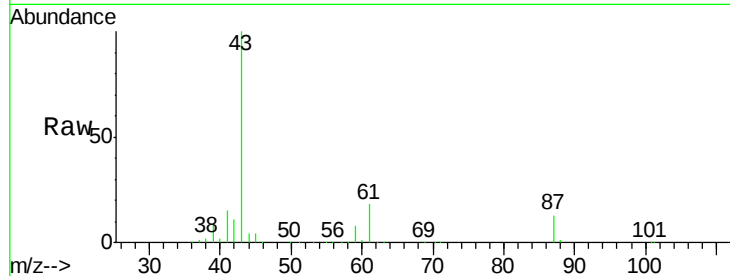
Isopropyl Acetate
 Concen: 18.90 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.4	21.6
87	12.5	9.5	14.3

Manual Integrations
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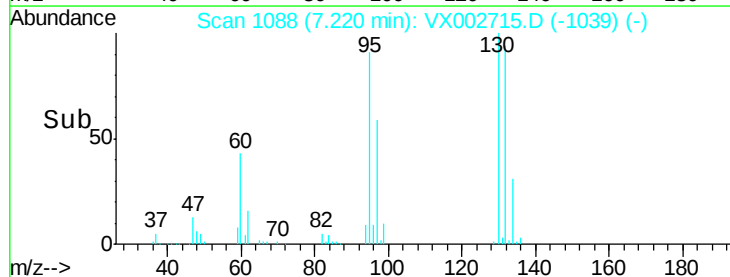
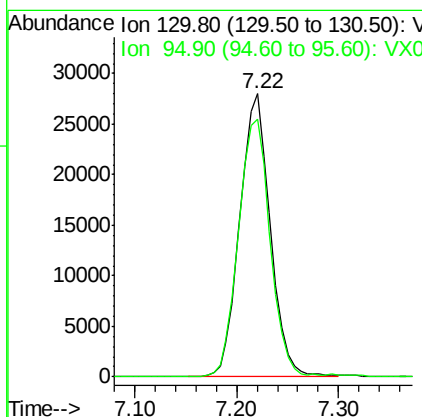
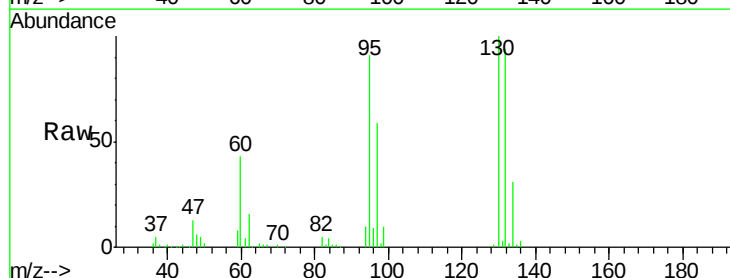
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 6/20/2018 6:26:56 PM



#44

Trichloroethene
 Concen: 19.30 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	185.4





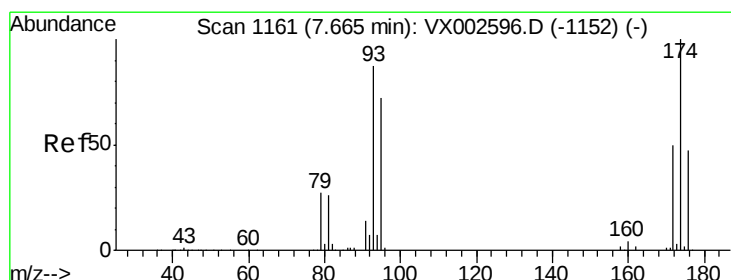
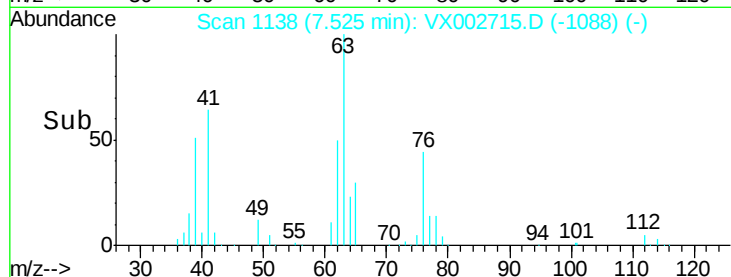
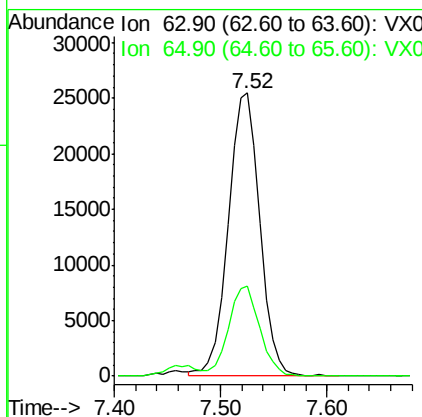
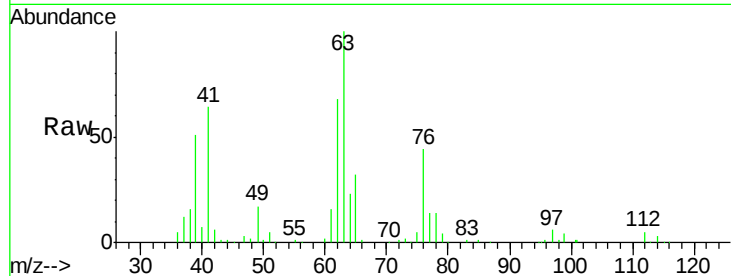
#45
 1,2-Dichloropropane
 Concen: 19.25 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tot Ion: 63 Resp: 52940
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.7 37.1

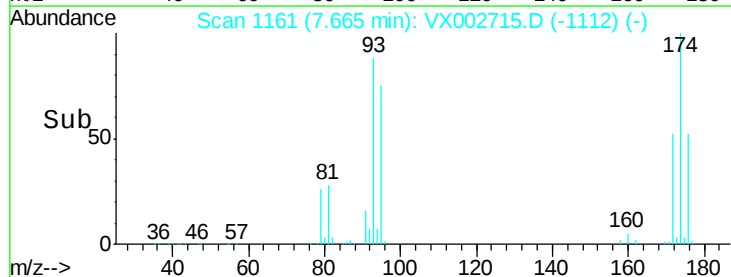
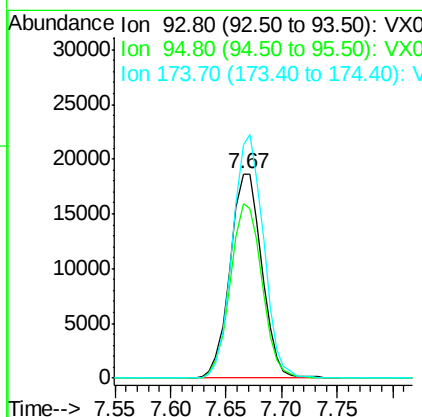
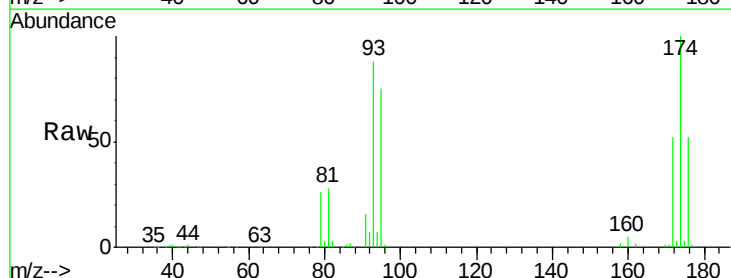
Manual Integrations
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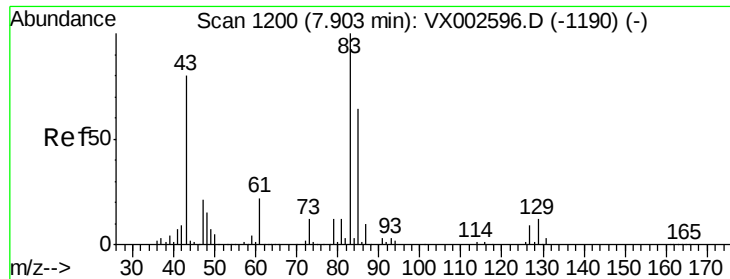
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#46
 Dibromomethane
 Concen: 20.09 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Tgt Ion: 93 Resp: 36954
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.9 98.9
 174 115.9 92.4 138.6





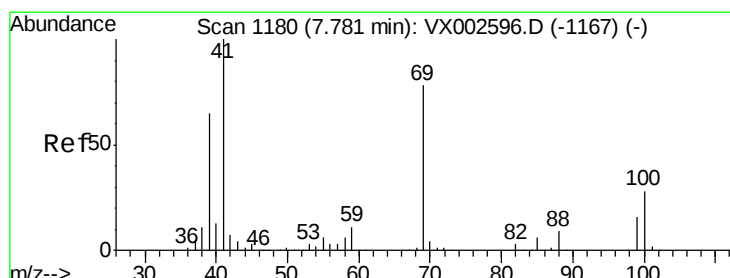
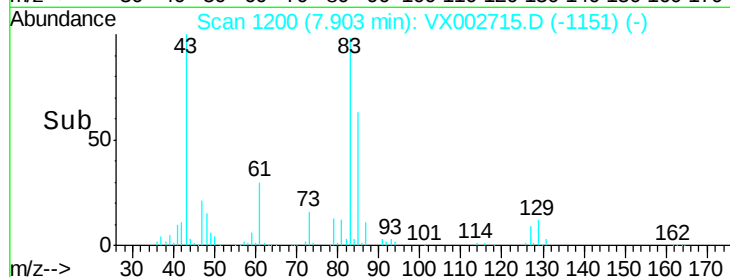
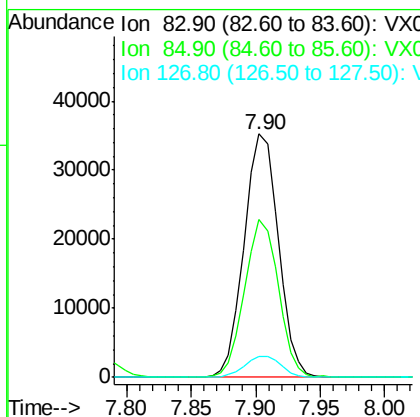
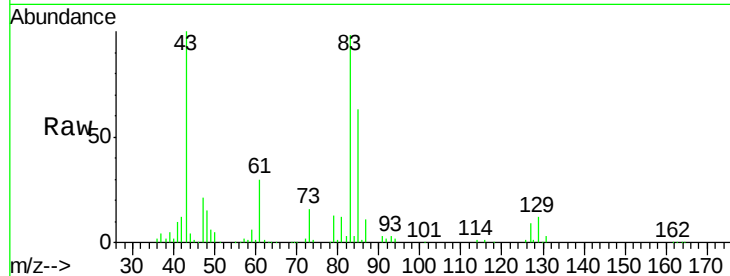
#47
Bromodichloromethane
Concen: 20.00 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5
127	8.7	7.0	10.4

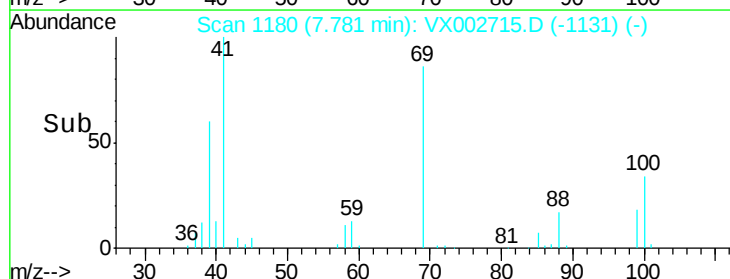
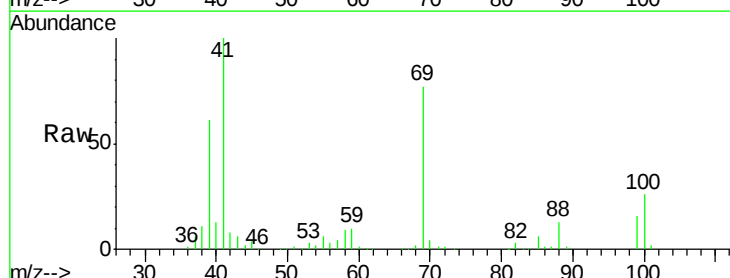
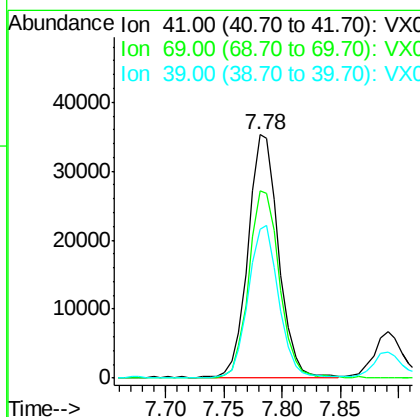
Manual Integrations
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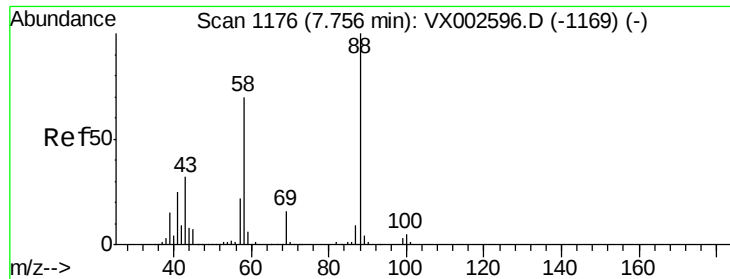
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#48
Methyl methacrylate
Concen: 19.19 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.1	59.1	88.7
39	62.8	48.9	73.3





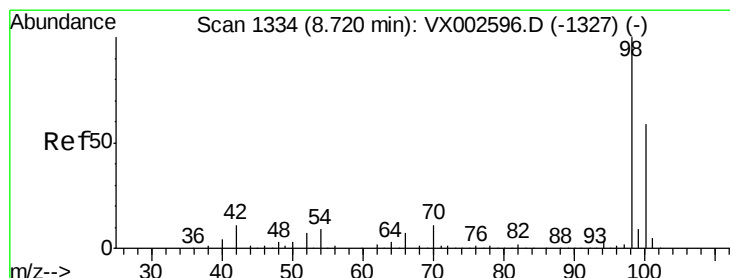
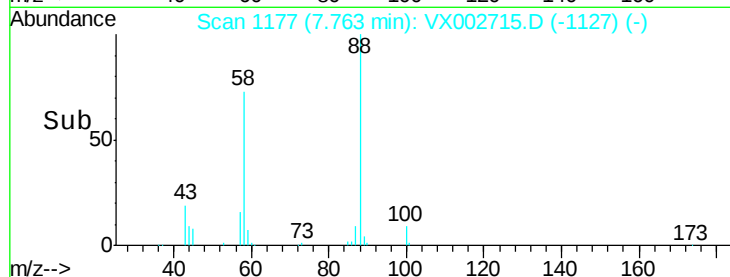
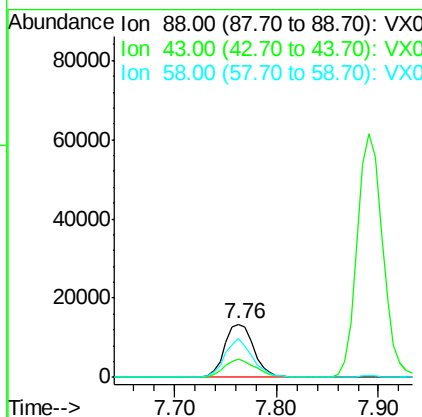
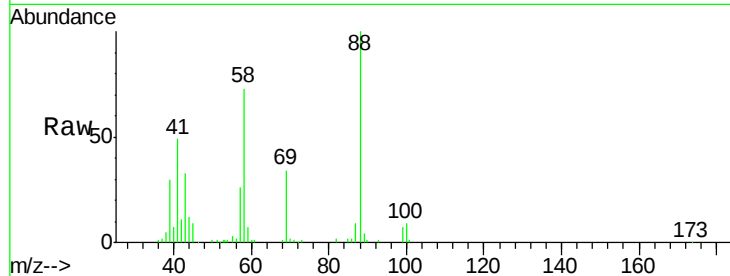
#49
1,4-Dioxane
Concen: 422.05 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	29.8	44.6
58	69.0	57.1	85.7

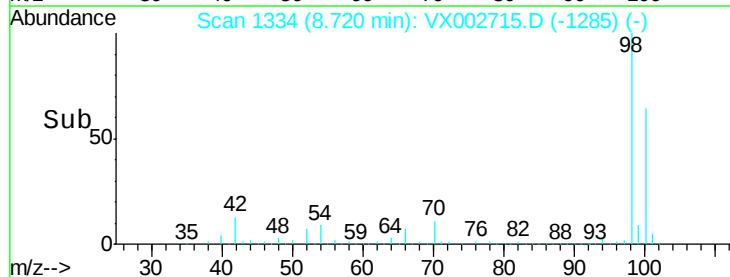
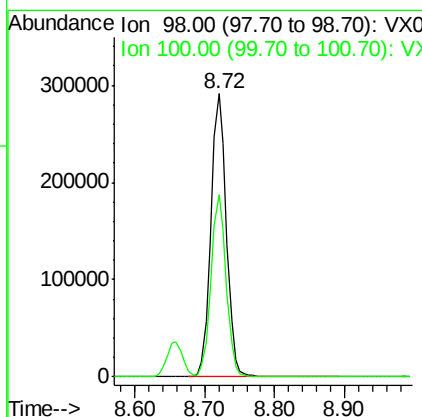
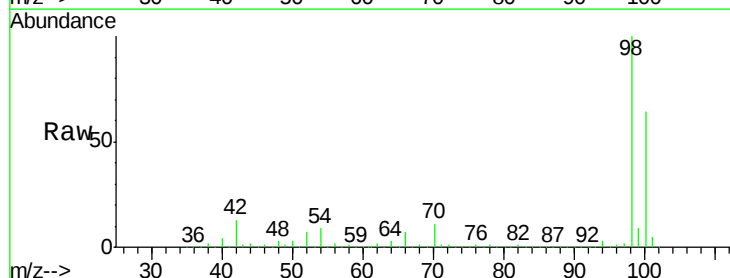
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#50
Toluene-d8
Concen: 44.92 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





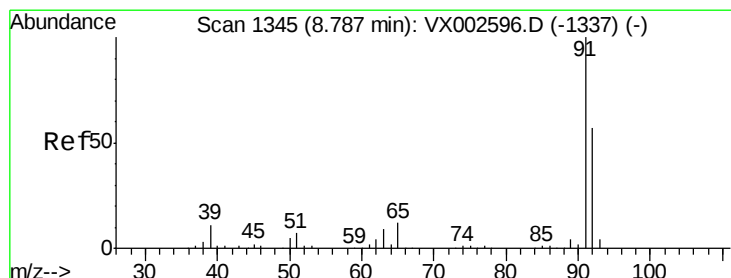
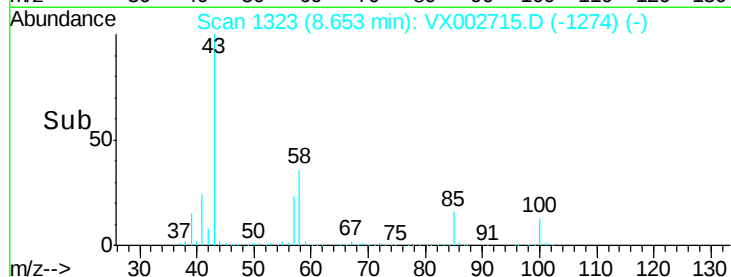
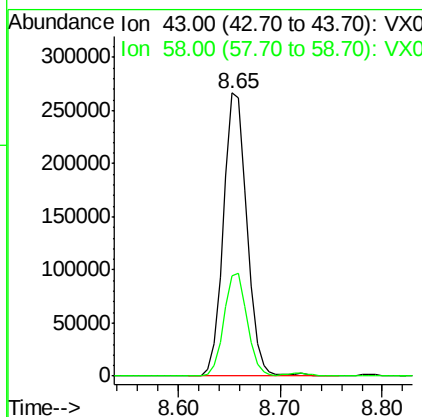
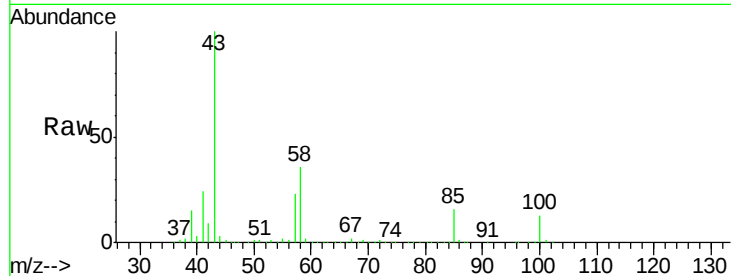
#51
4-Methyl-2-Pentanone
Concen: 101.79 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion: 43 Resp: 427051
Ion Ratio Lower Upper
43 100
58 35.8 28.6 42.8

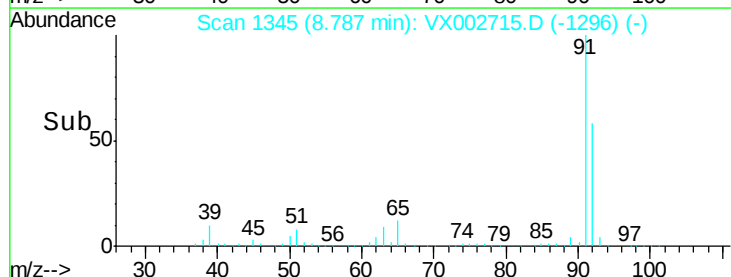
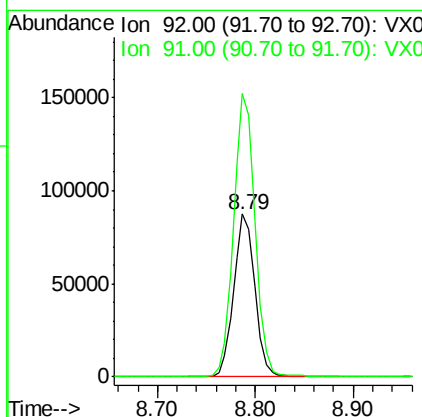
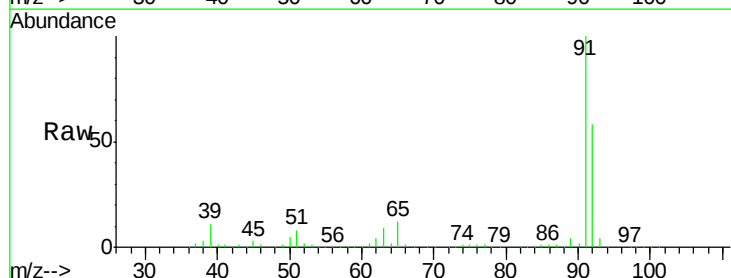
Manual Integrations
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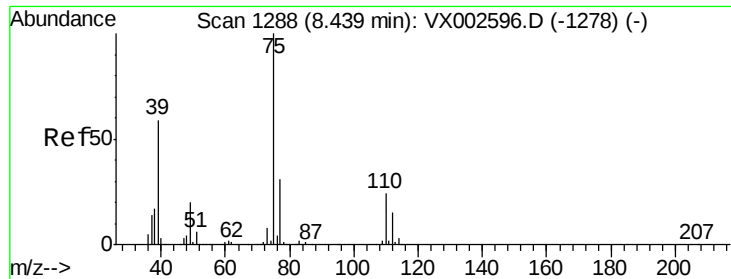
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#52
Toluene
Concen: 19.66 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion: 92 Resp: 131065
Ion Ratio Lower Upper
92 100
91 177.1 140.4 210.6





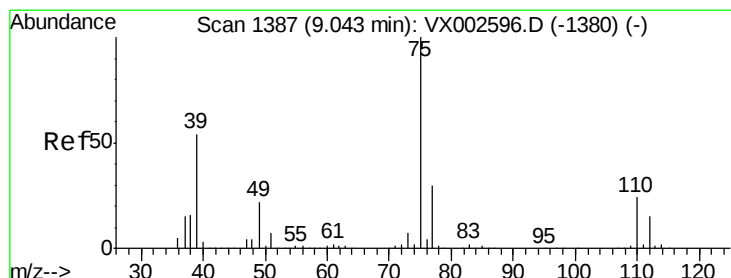
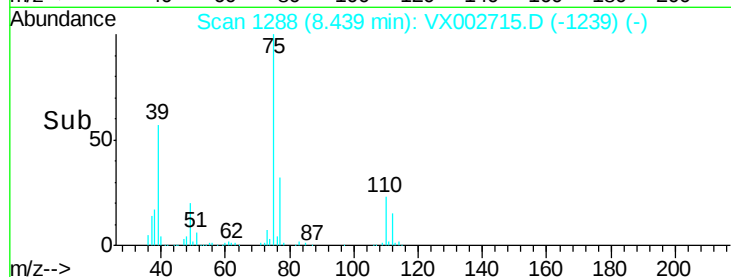
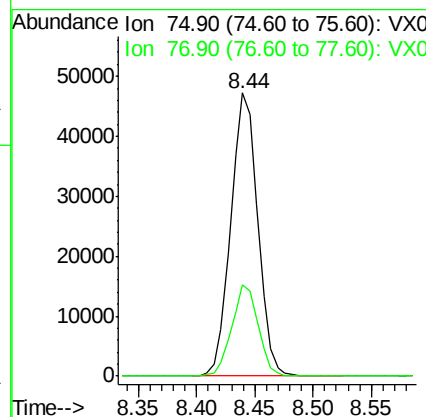
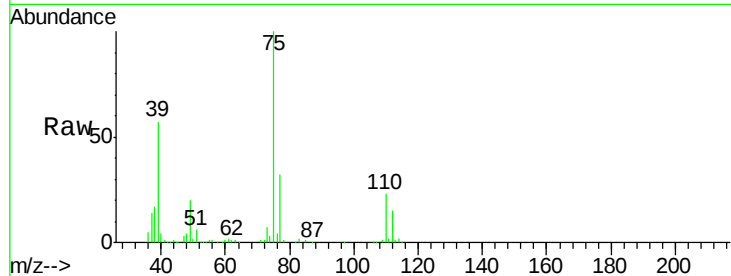
#53
 t-1,3-Dichloropropene
 Concen: 19.26 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tot Ion: 75 Resp: 76096
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.2

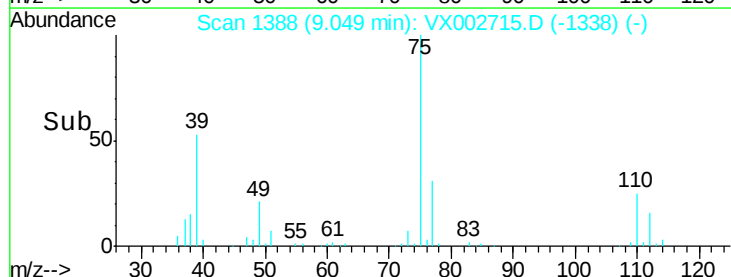
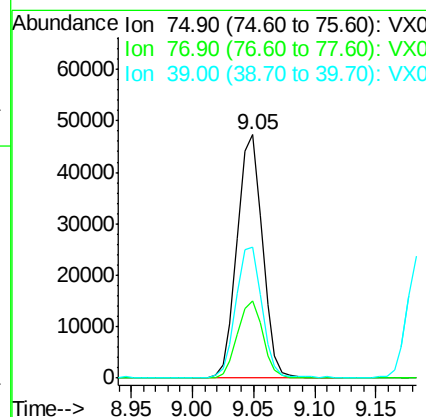
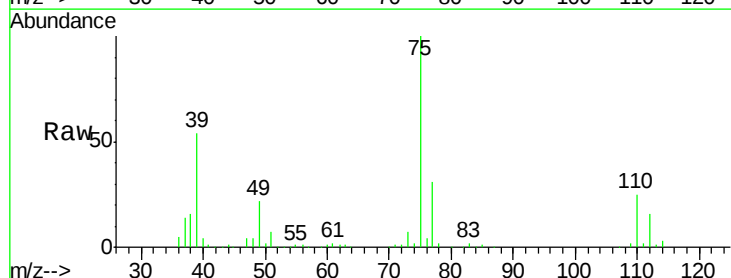
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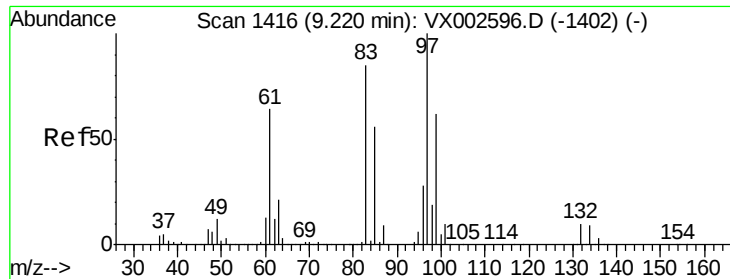
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#54
 cis-1,3-Dichloropropene
 Concen: 18.69 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Tgt Ion: 75 Resp: 67759
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.8 37.2
 39 53.7 42.4 63.6





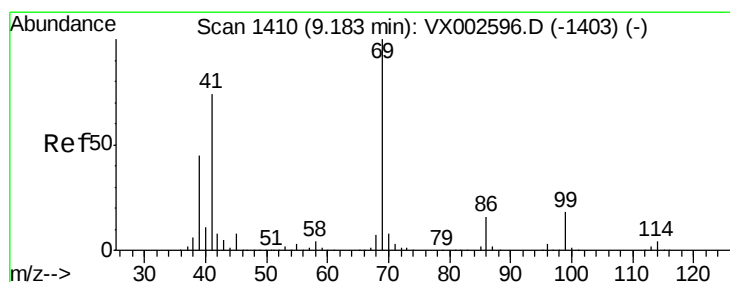
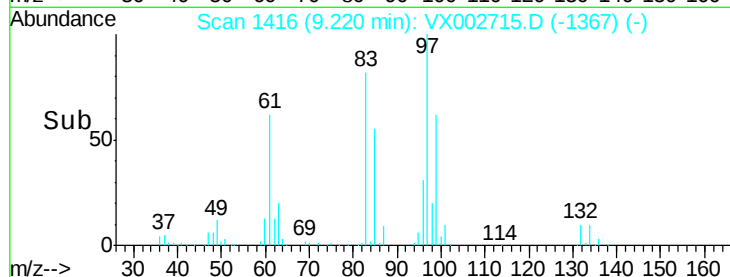
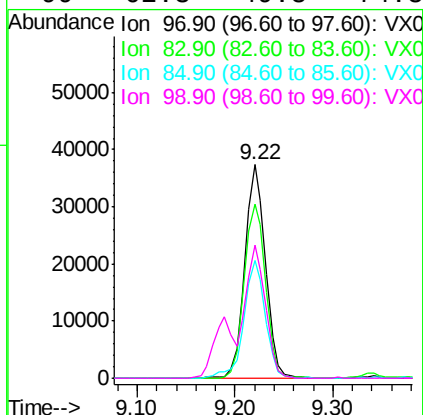
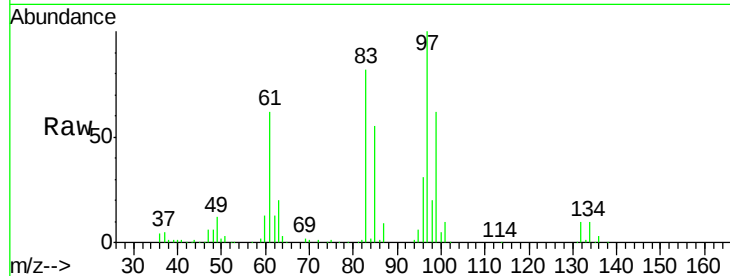
#55
 1,1,2-Trichloroethane
 Concen: 20.29 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tot Ion:	97	Resp:	54638
Ion	Ratio	Lower	Upper
97	100		
83	81.5	70.2	105.2
85	55.1	44.9	67.3
99	62.3	49.8	74.8

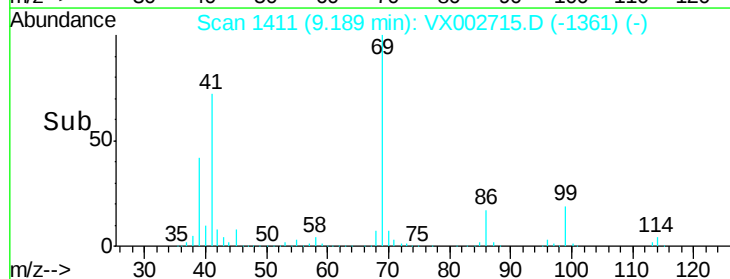
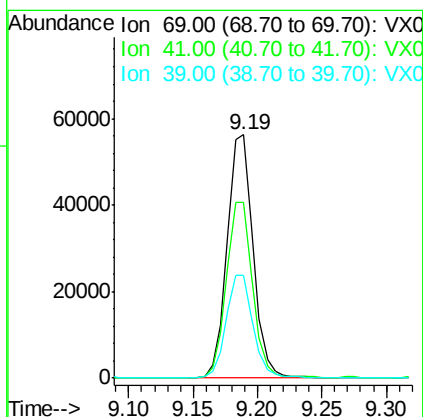
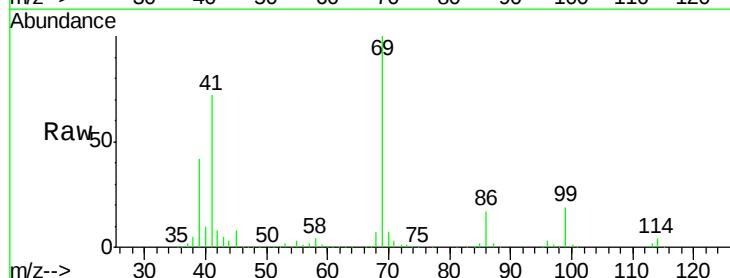
Manual Integrations
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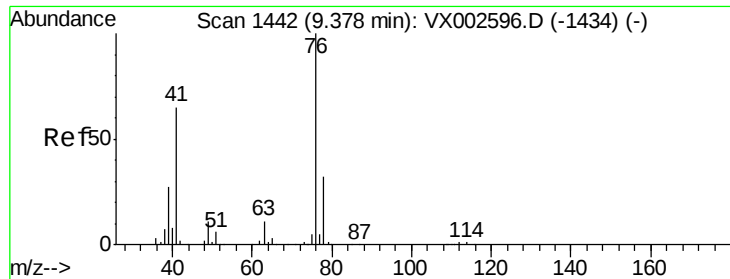
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#56
 Ethyl methacrylate
 Concen: 19.33 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Tgt Ion:	69	Resp:	80115
Ion	Ratio	Lower	Upper
69	100		
41	72.9	60.3	90.5
39	43.7	35.8	53.8





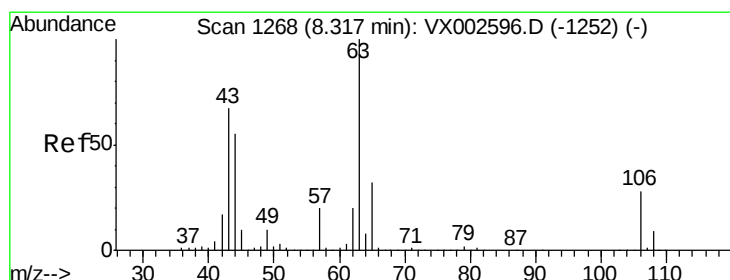
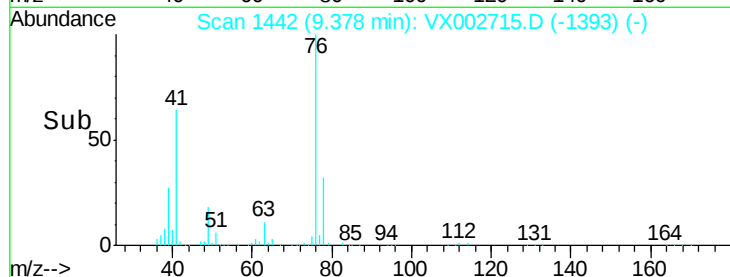
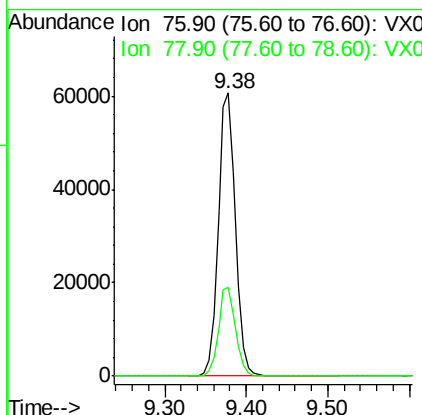
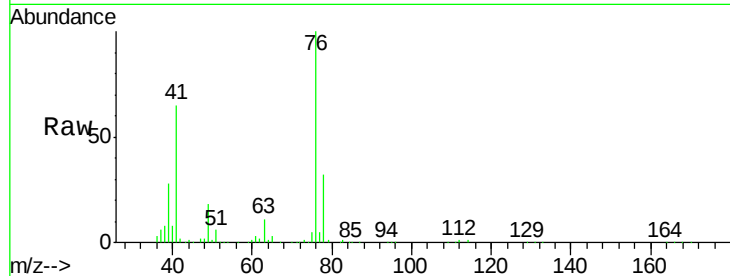
#57
 1,3-Dichloropropane
 Concen: 19.61 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tot Ion: 76 Resp: 89301
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.6

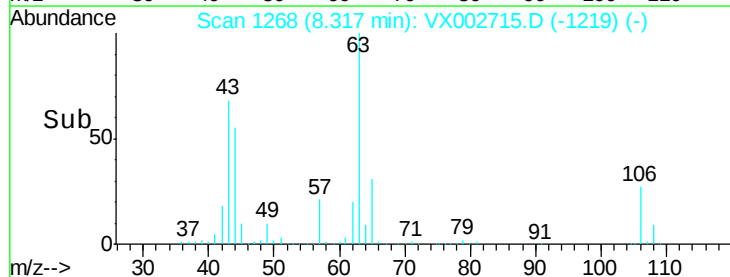
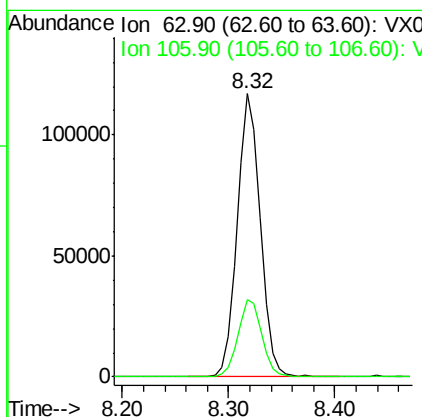
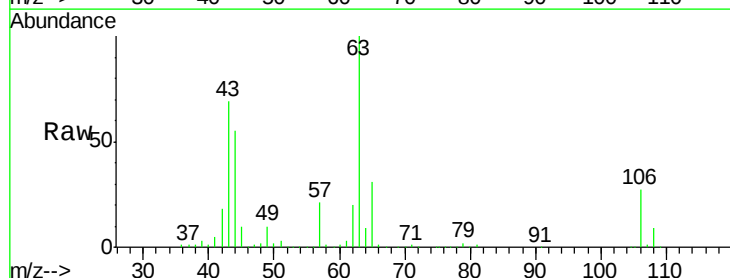
Manual Integrations
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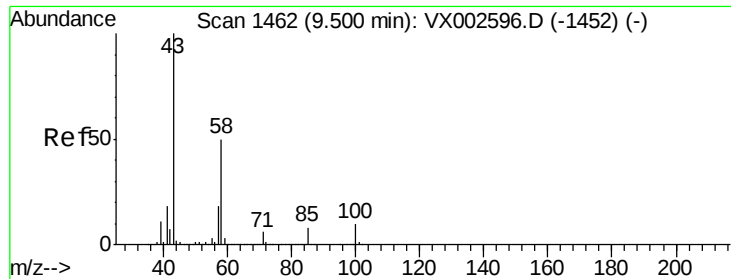
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#58
 2-Chloroethyl Vinyl ether
 Concen: 88.91 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Tgt Ion: 63 Resp: 178236
 Ion Ratio Lower Upper
 63 100
 106 28.3 21.8 32.8





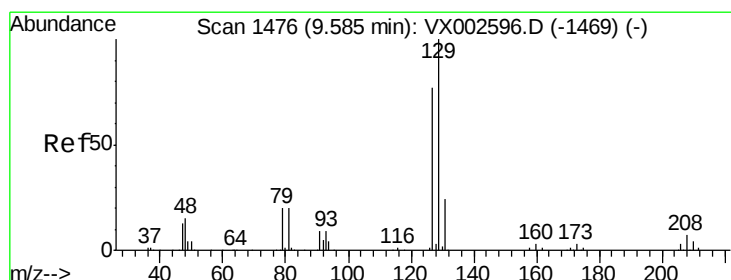
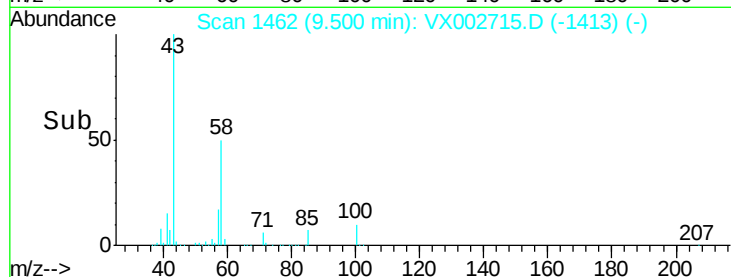
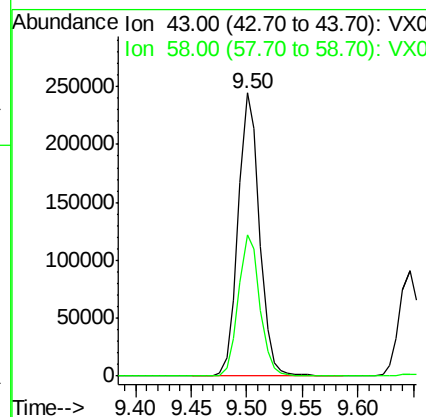
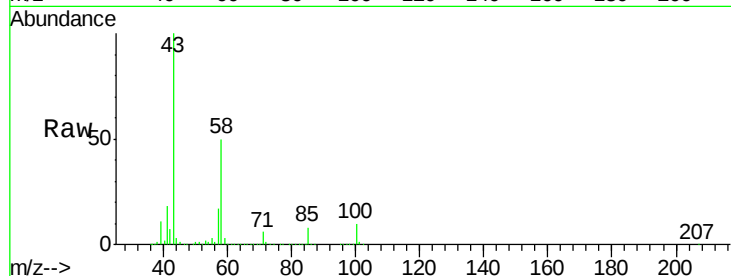
#59
2-Hexanone
Concen: 102.61 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion: 43 Resp: 324419
Ion Ratio Lower Upper
43 100
58 50.3 24.6 73.6

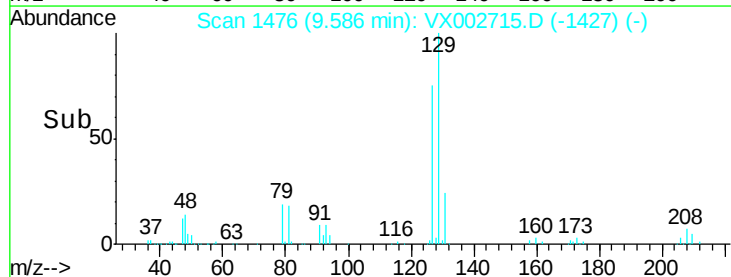
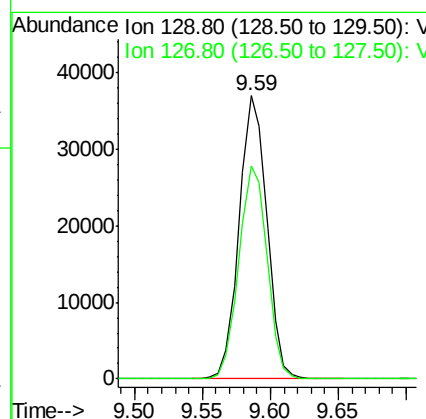
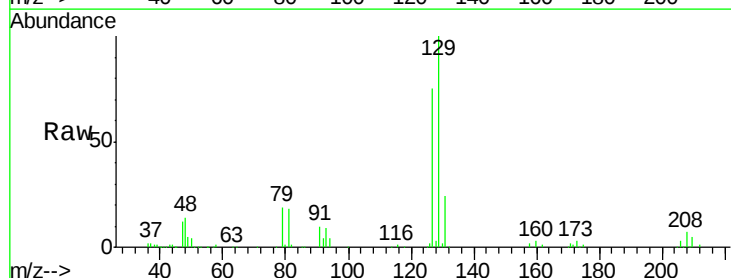
Manual Integrations
APPROVED

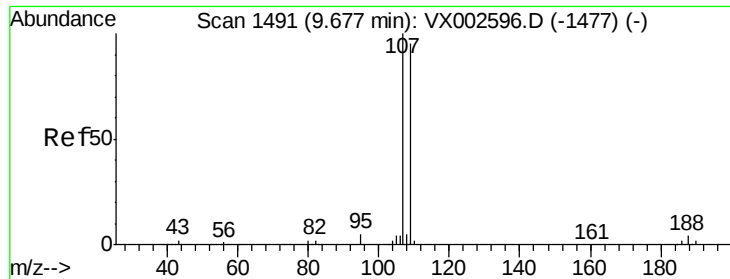
MMDadoda
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#60
Dibromochloromethane
Concen: 19.79 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion: 129 Resp: 52515
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





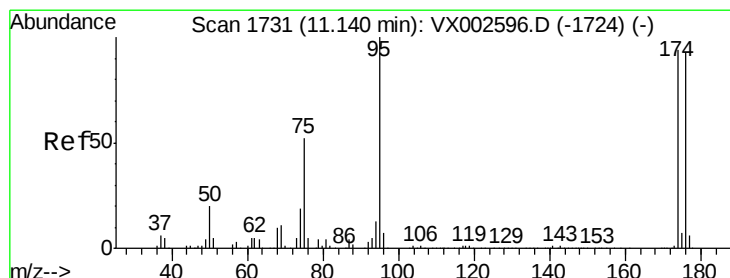
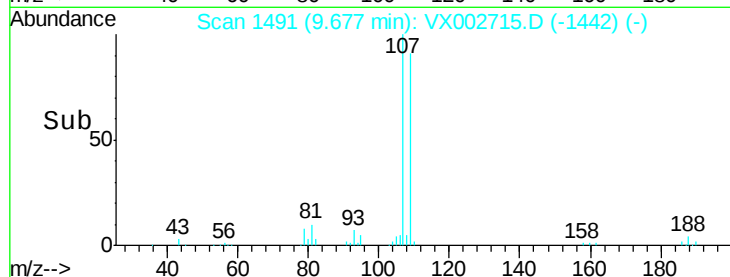
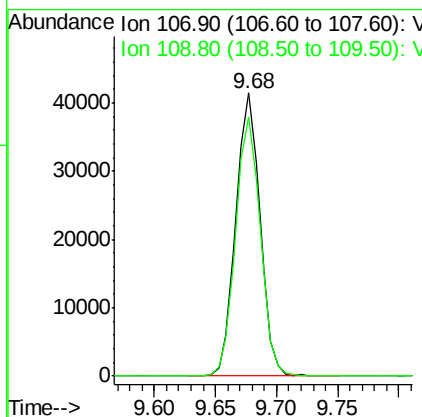
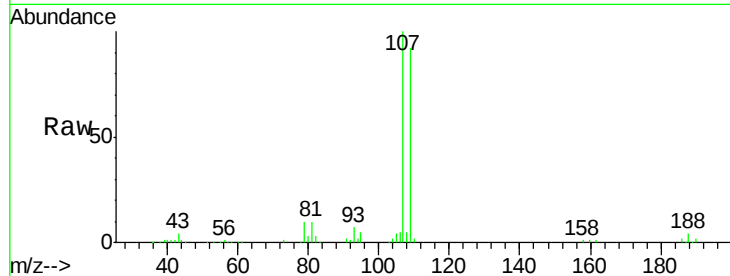
#61
 1,2-Dibromoethane
 Concen: 20.32 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tot Ion:107 Resp: 56685
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.3 112.9

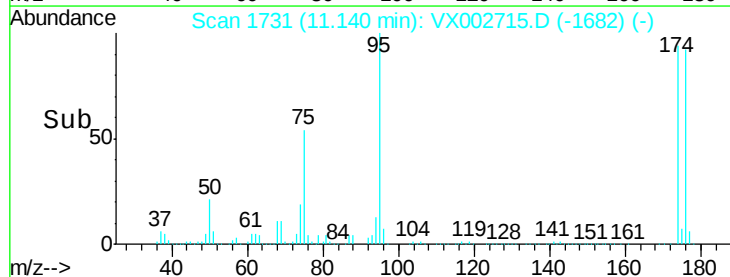
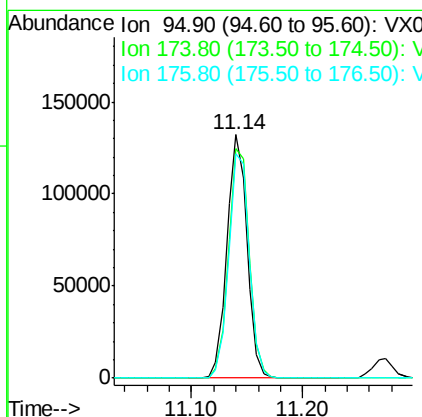
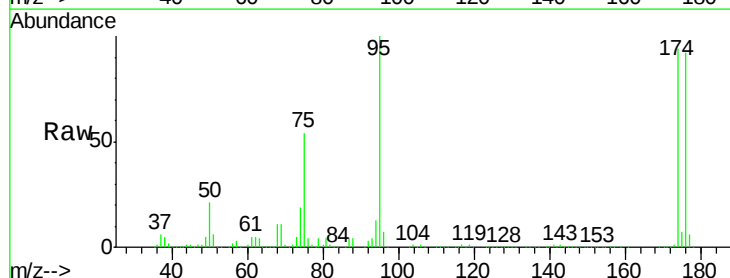
Manual Integrations
 APPROVED

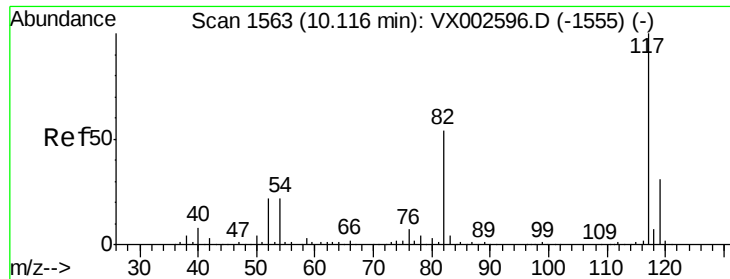
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 43.58 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Tgt Ion: 95 Resp: 164200
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 187.4
 176 94.6 0.0 181.0





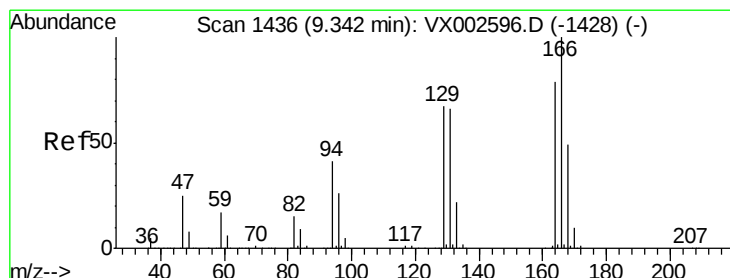
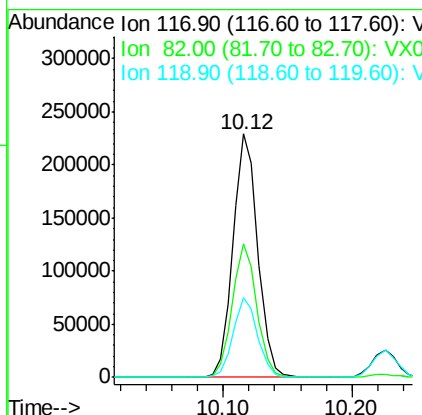
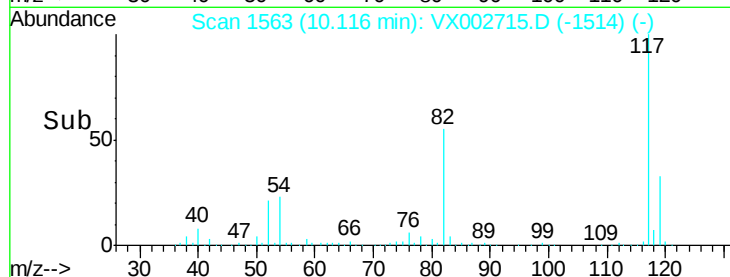
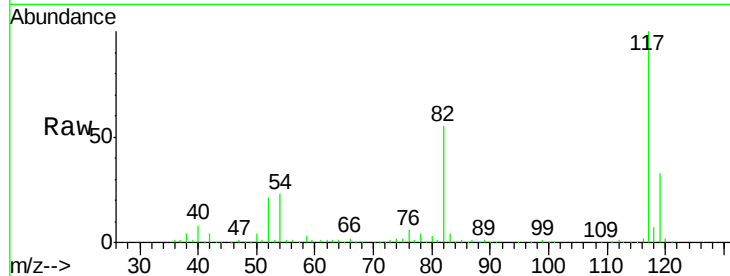
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.0	67.4
119	33.0	25.8	38.6

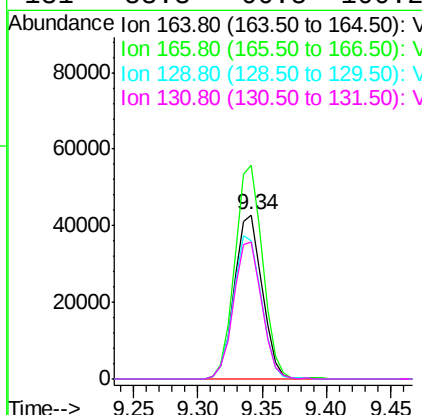
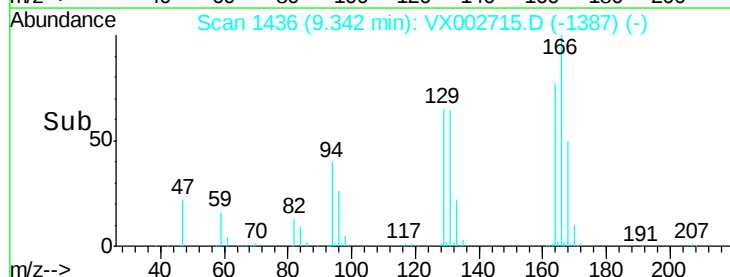
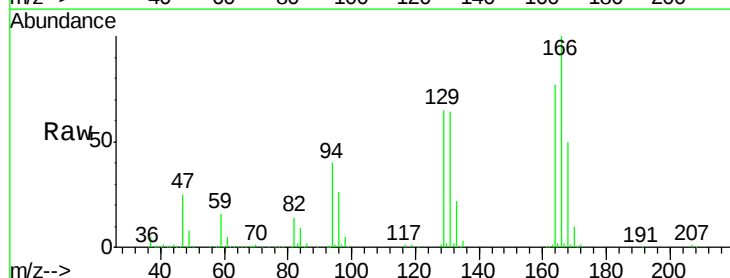
Manual Integrations
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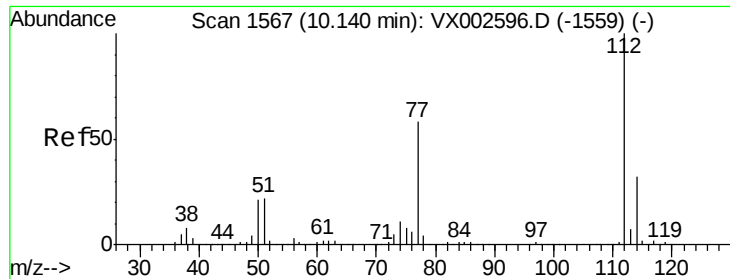
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#64
Tetrachloroethene
Concen: 18.97 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	102.9	154.3
129	84.5	68.6	102.8
131	83.3	66.8	100.2





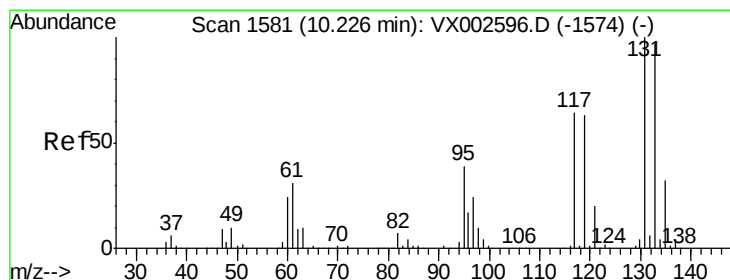
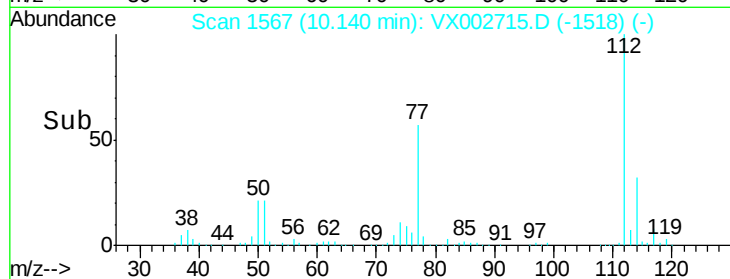
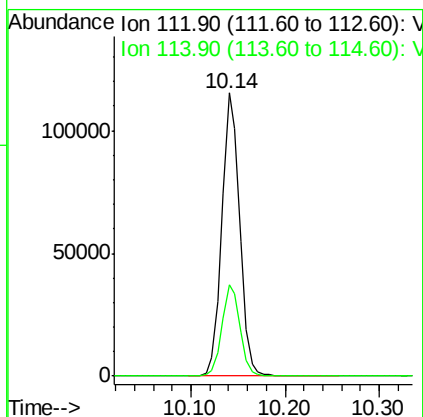
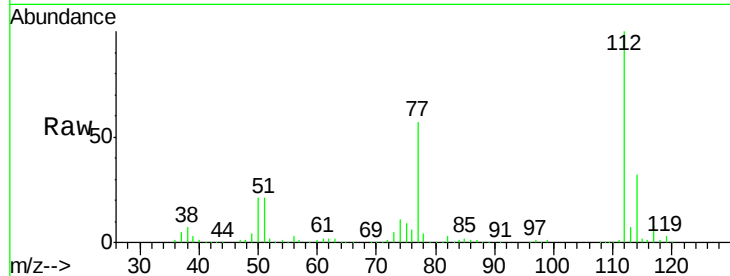
#65
Chlorobenzene
Concen: 20.11 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion:112 Resp: 151481
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

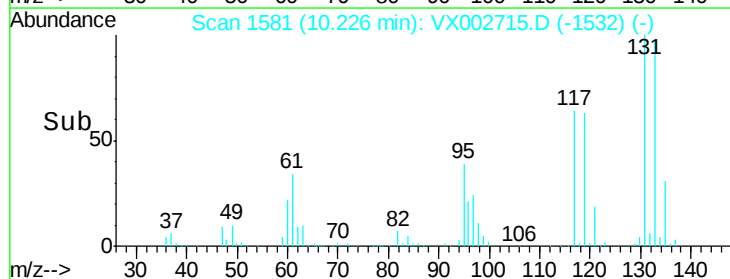
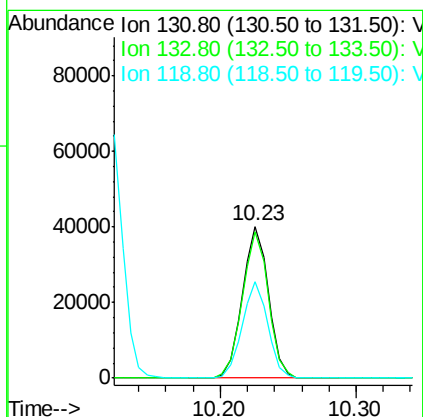
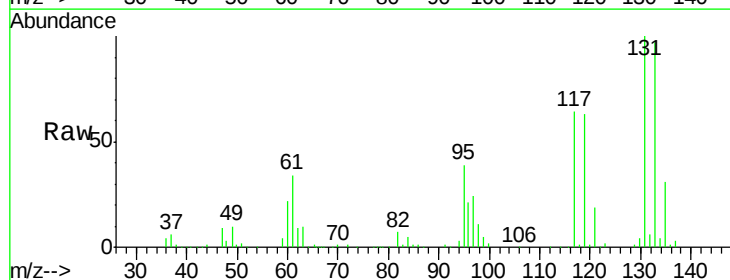
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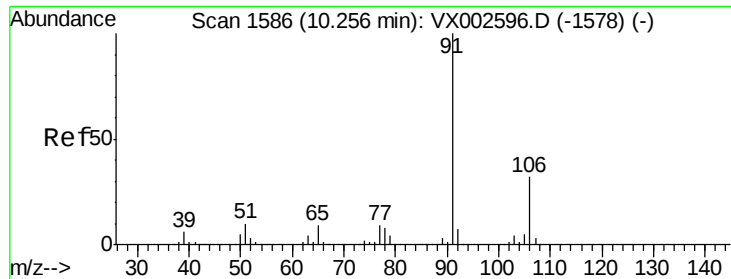
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.84 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion:131 Resp: 53499
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.6
119 62.5 31.8 95.3





#67

Ethyl Benzene

Concen: 19.82 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion: 91 Resp: 251738

Ion Ratio Lower Upper

91 100

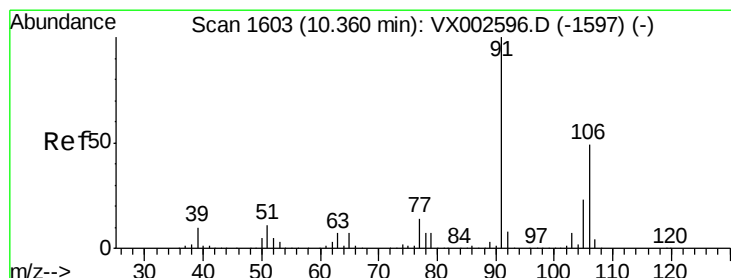
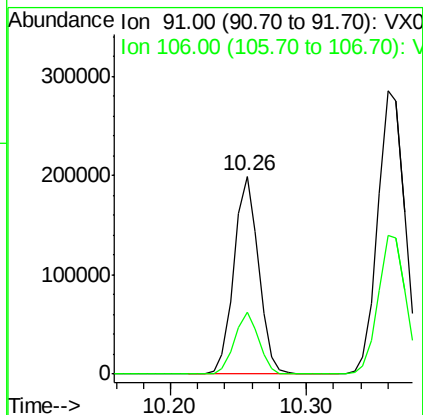
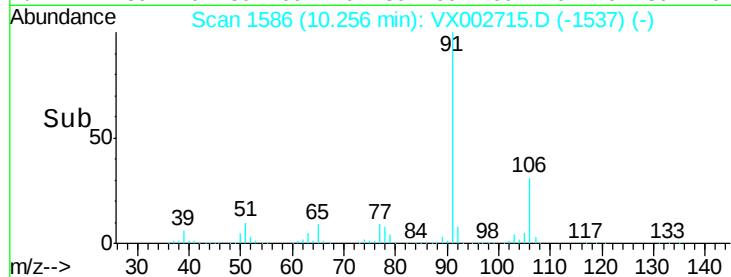
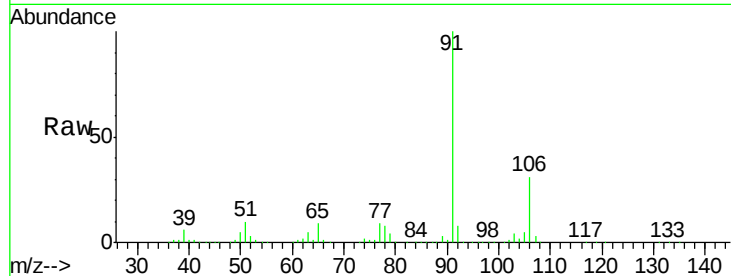
106 31.4 25.5 38.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.08 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002715.D

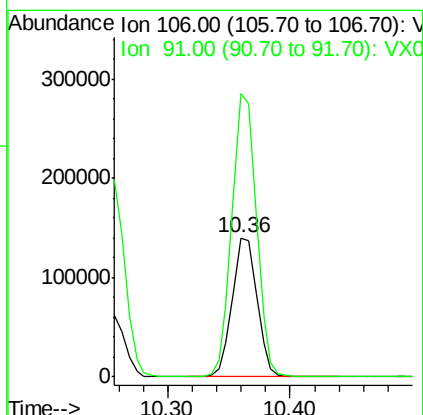
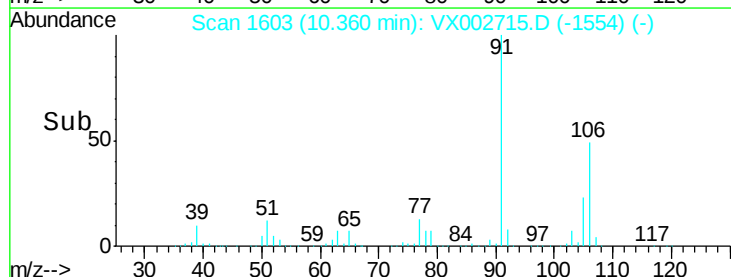
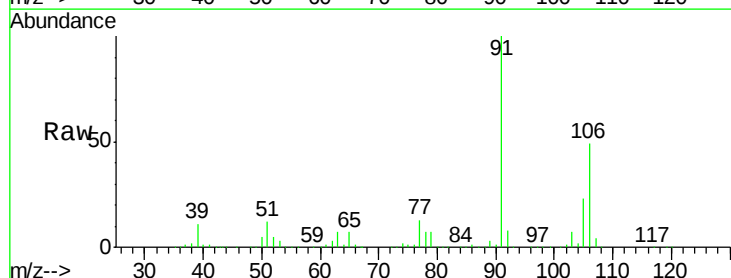
Acq: 19 Jun 2018 16:18

Tgt Ion: 106 Resp: 196376

Ion Ratio Lower Upper

106 100

91 201.3 163.4 245.2





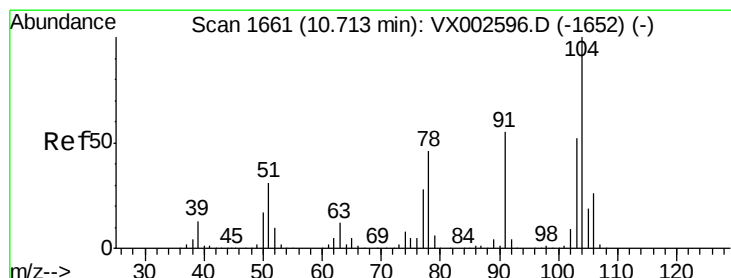
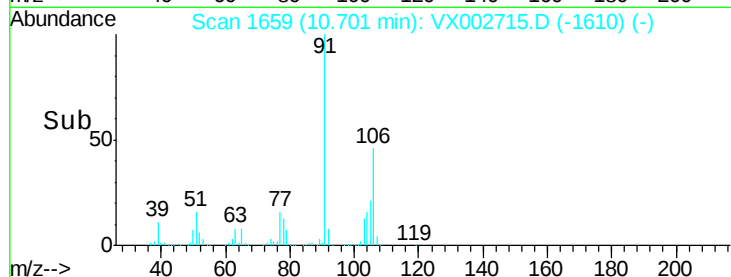
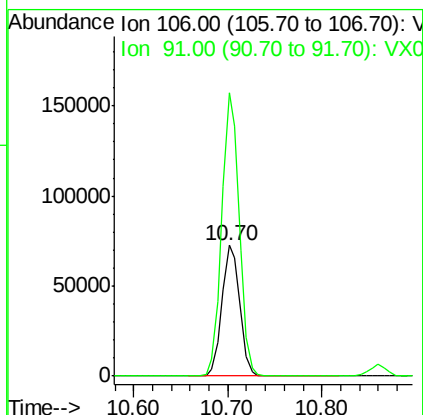
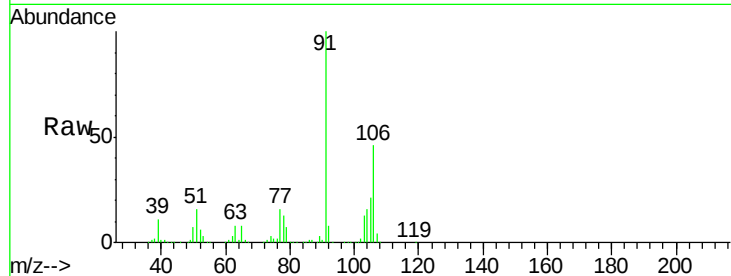
#69
o-Xylene
Concen: 19.69 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampled :
VX0619WBS01

Tot Ion:106 Resp: 94807
Ion Ratio Lower Upper
106 100
91 213.1 108.2 324.6

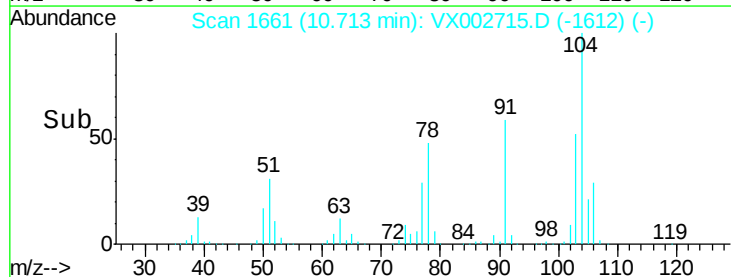
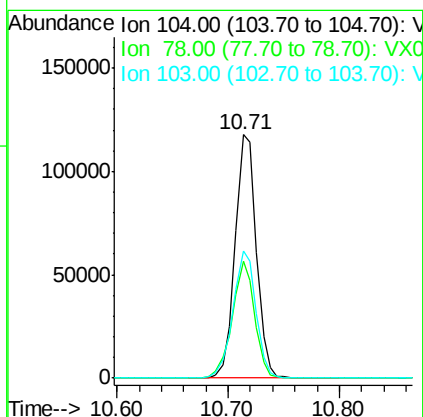
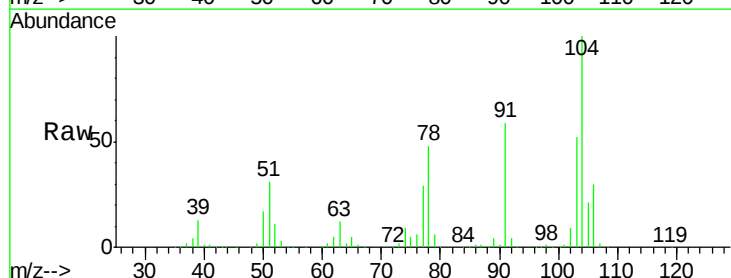
Manual Integrations
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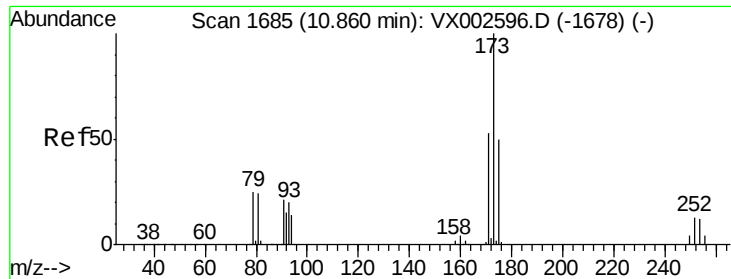
MMDadoda
6/20/2018 6:26:56 PM



#70
Styrene
Concen: 19.71 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion:104 Resp: 156039
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 56.3 44.2 66.4





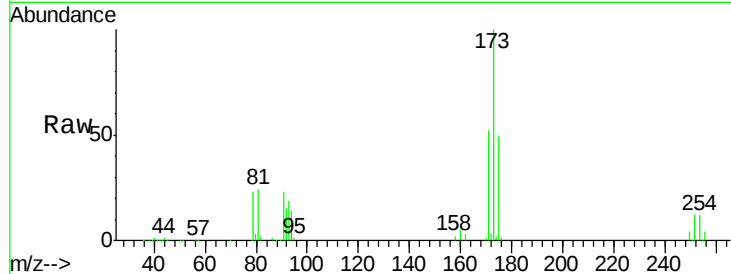
#71
Bromoform
Concen: 20.43 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

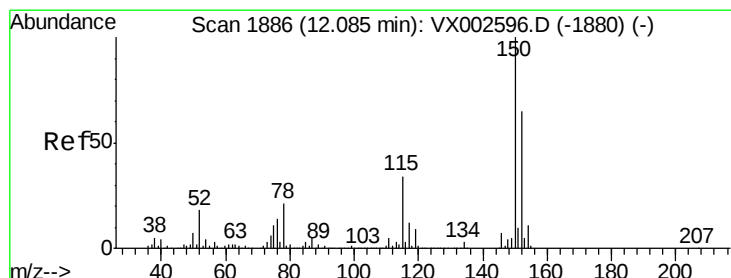
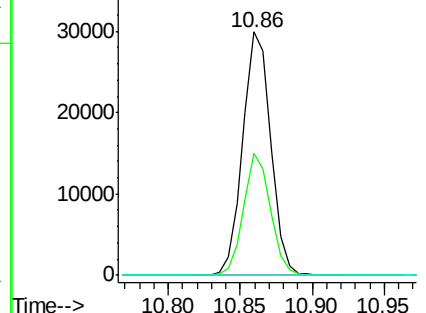
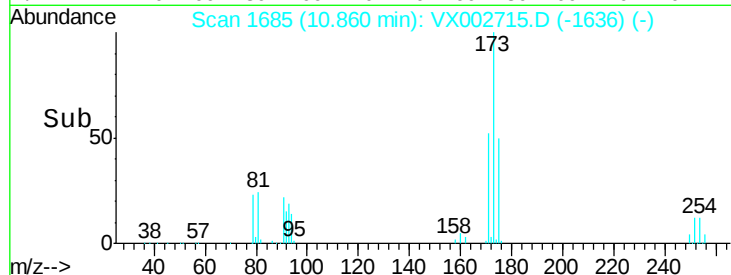
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.7	74.1
254	0.1	0.2	0.2#

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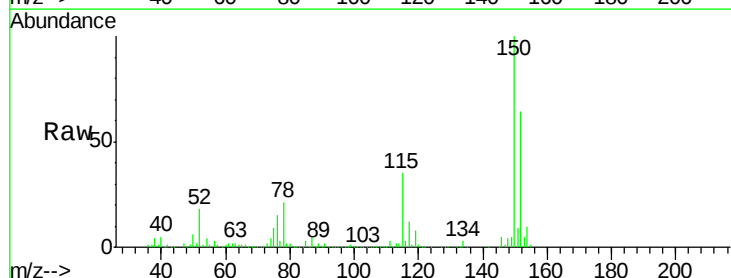


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

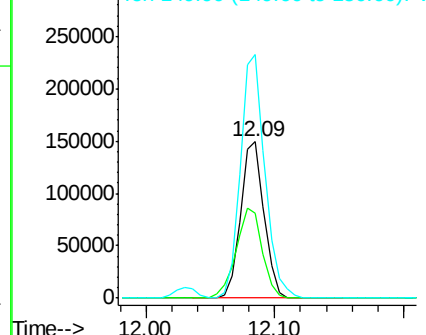
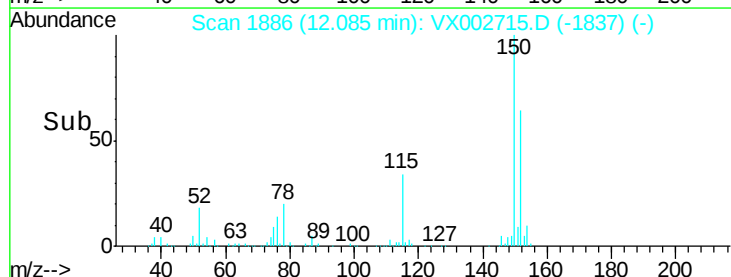


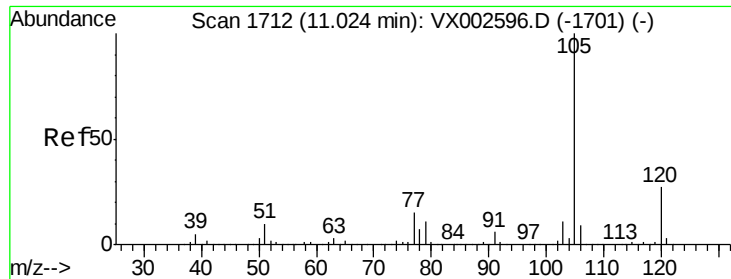
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	40.1	120.2
150	162.5	0.0	347.2



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





#73

Isopropylbenzene

Concen: 20.57 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion: 105 Resp: 259846

Ion Ratio Lower Upper

105 100

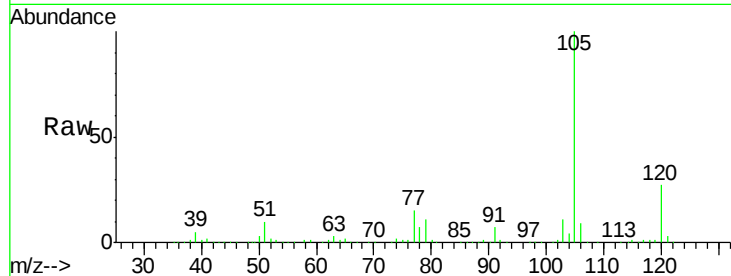
120 26.7 13.5 40.4

Manual Integrations

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MMDadoda

6/20/2018 6:26:56 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

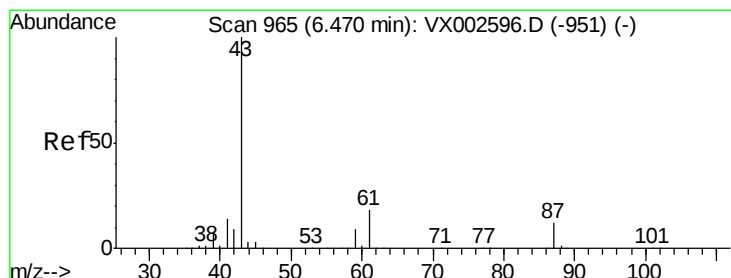
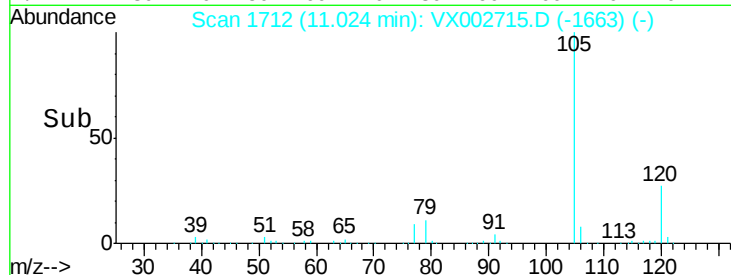
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.68 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Tgt Ion: 43 Resp: 123532

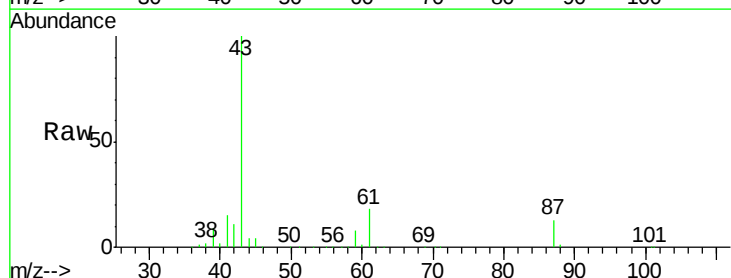
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.6 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

60000

40000

20000

0

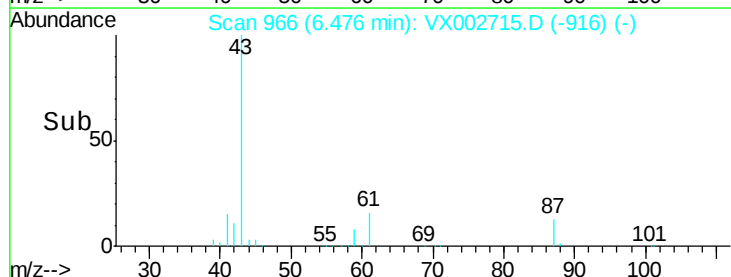
6.48

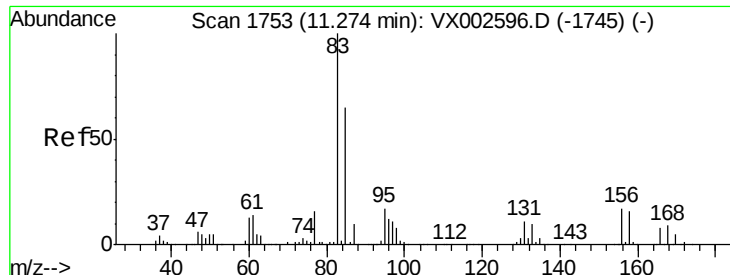
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.37 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

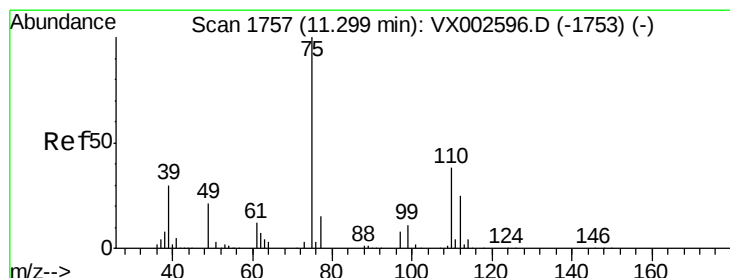
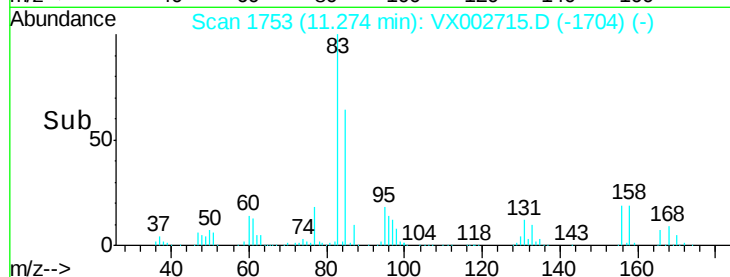
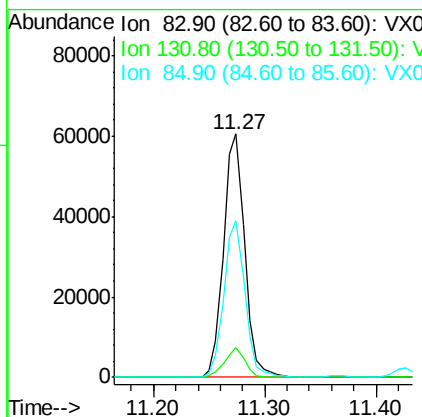
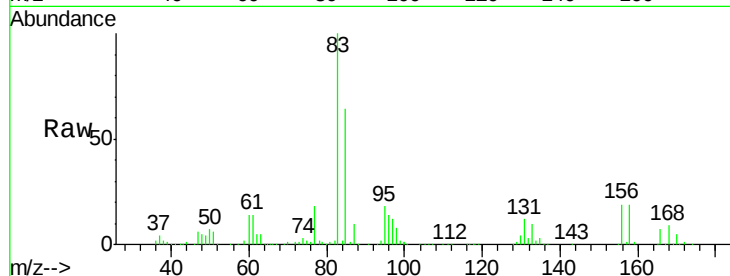
ClientSampleId :

VX0619WBS01

Tot Ion:	83	Resp:	79699
Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.6	16.8
85	64.4	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 19.60 ug/l m

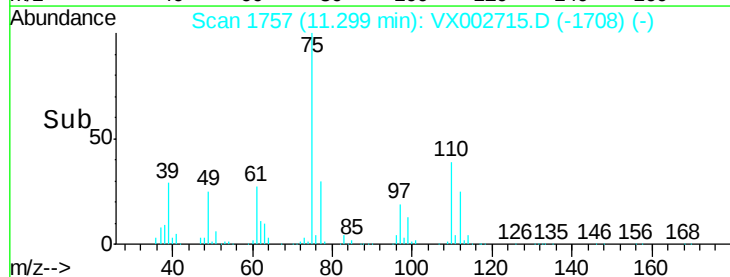
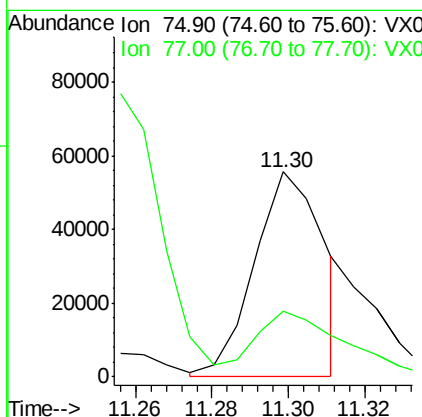
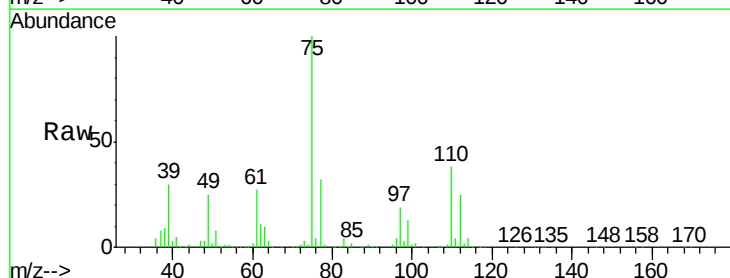
RT: 11.30 min Scan# 1757

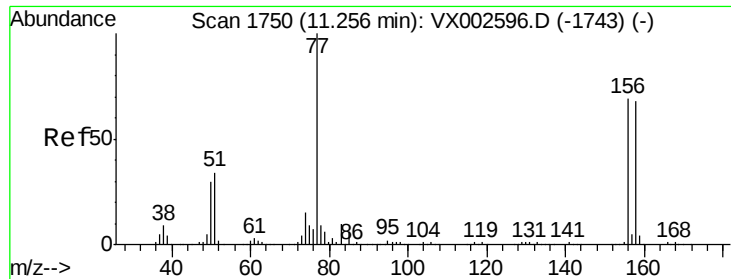
Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Tgt Ion:	75	Resp:	69836
Ion	Ratio	Lower	Upper
75	100		
77	41.9	22.8	68.3





#77

Bromobenzene

Concen: 20.01 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion:156 Resp: 70402

Ion Ratio Lower Upper

156 100

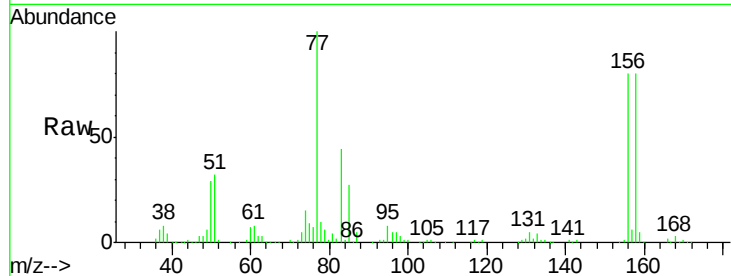
77 139.6 71.4 214.2

158 98.1 48.9 146.6

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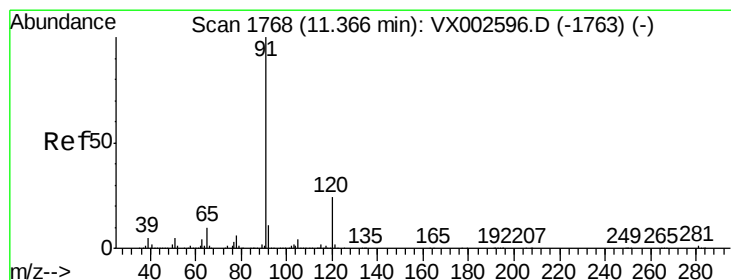
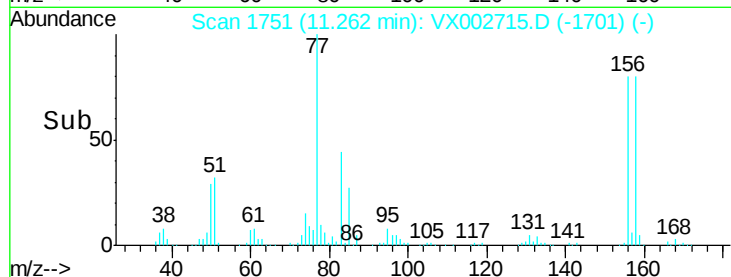
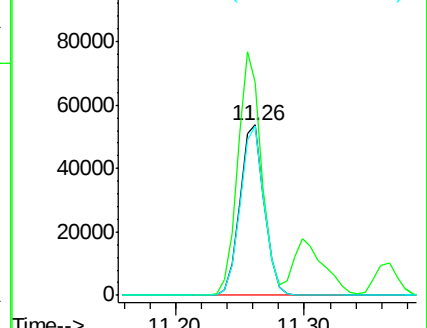
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.25 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002715.D

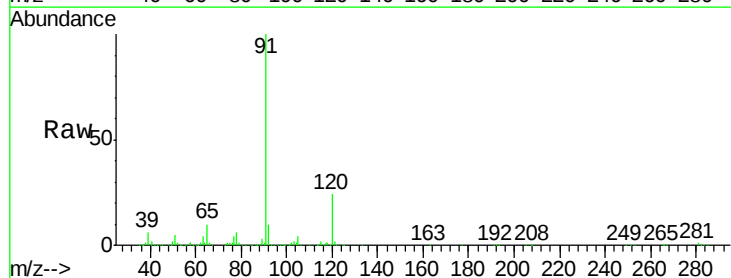
Acq: 19 Jun 2018 16:18

Tgt Ion: 91 Resp: 293393

Ion Ratio Lower Upper

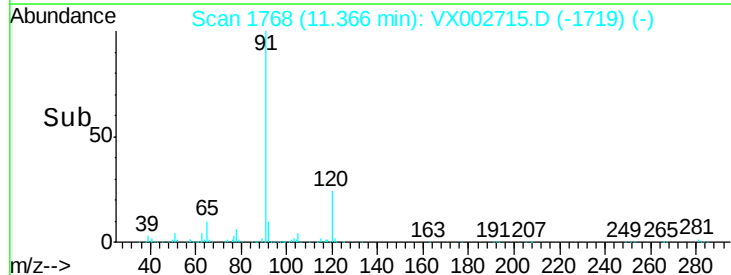
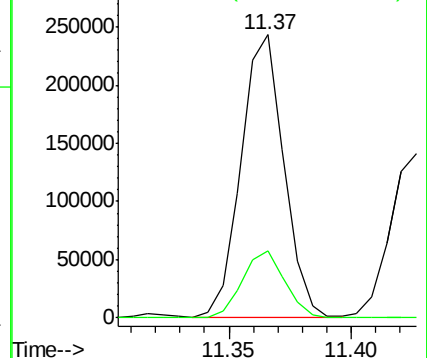
91 100

120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





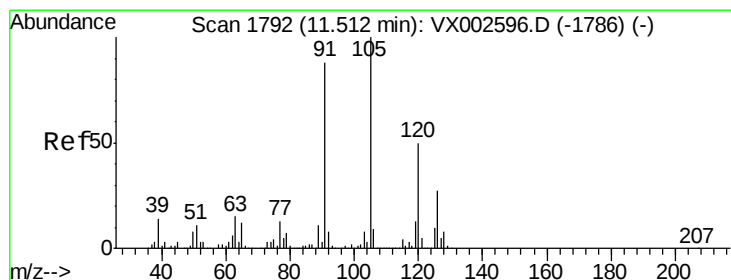
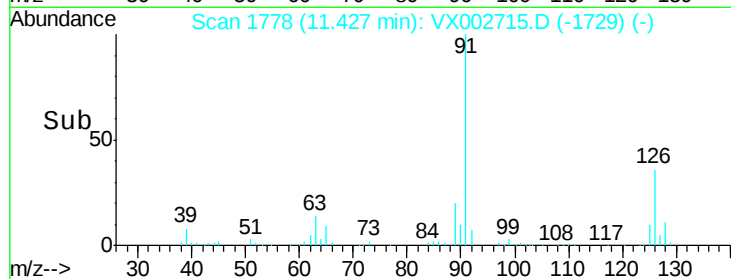
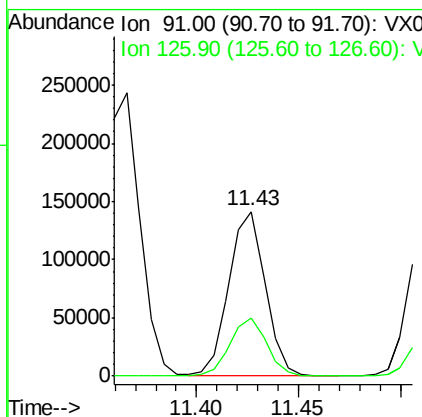
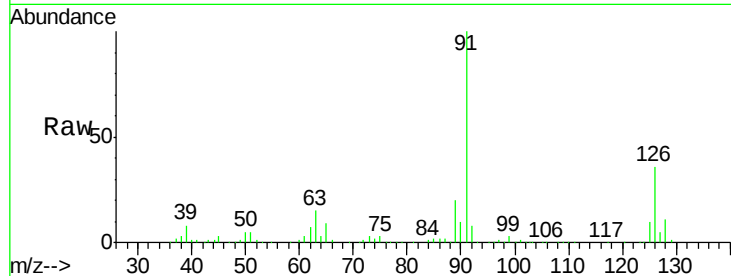
#79
2-Chlorotoluene
Concen: 20.08 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampled :
VX0619WBS01

Tot Ion: 91 Resp: 173714
Ion Ratio Lower Upper
91 100
126 36.1 17.7 53.1

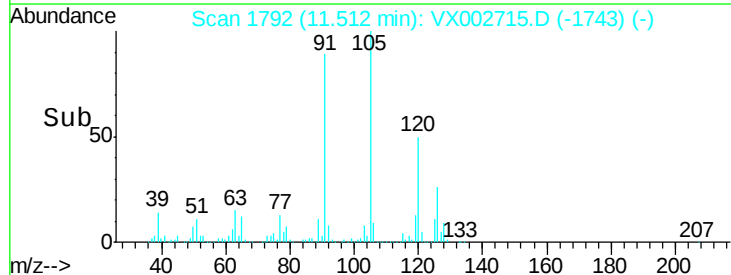
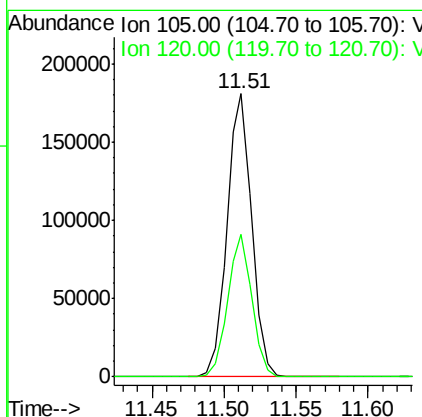
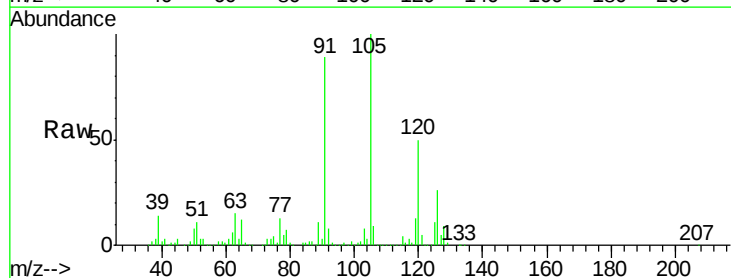
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#80
1,3,5-Trimethylbenzene
Concen: 20.42 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion: 105 Resp: 218000
Ion Ratio Lower Upper
105 100
120 49.4 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.36 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion: 75 Resp: 18445

Ion Ratio Lower Upper

75 100

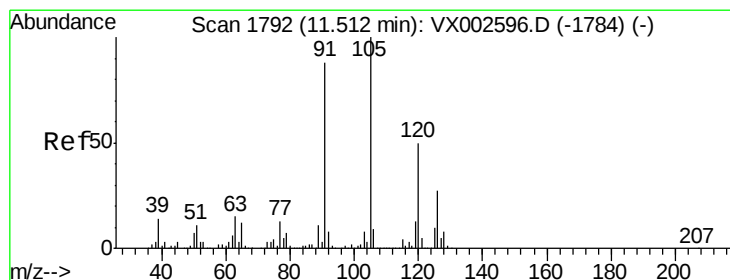
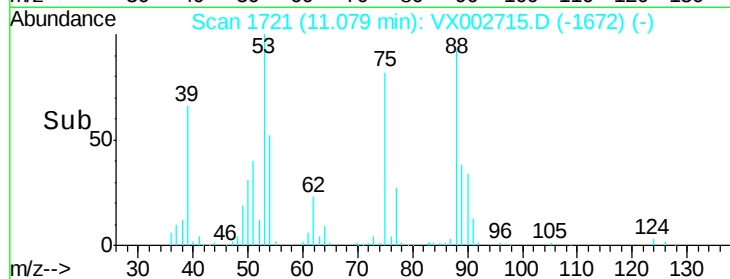
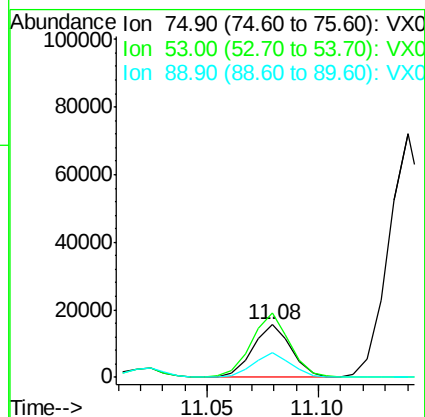
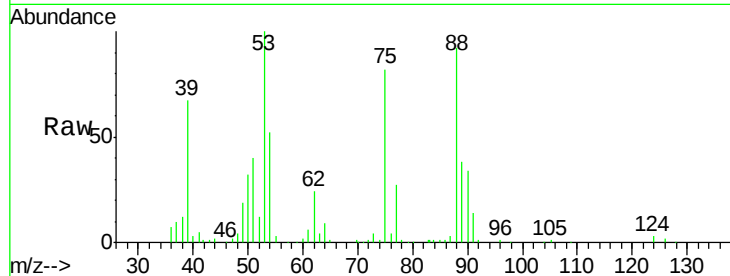
53 122.1 86.8 130.2

89 46.2 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002715.D

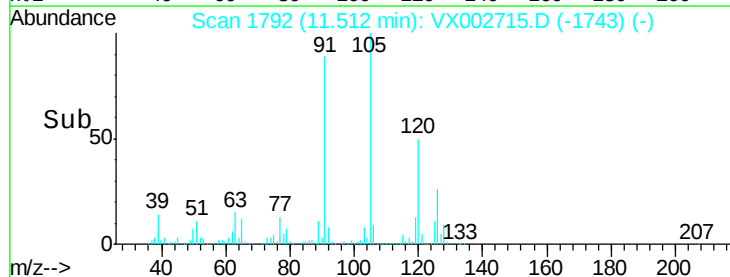
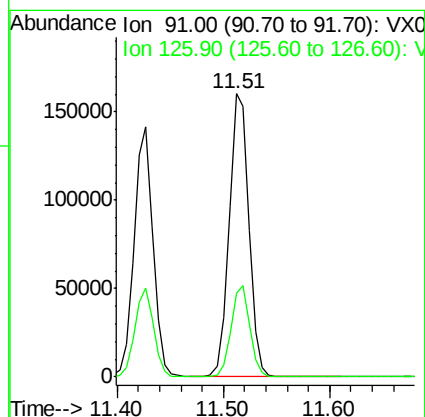
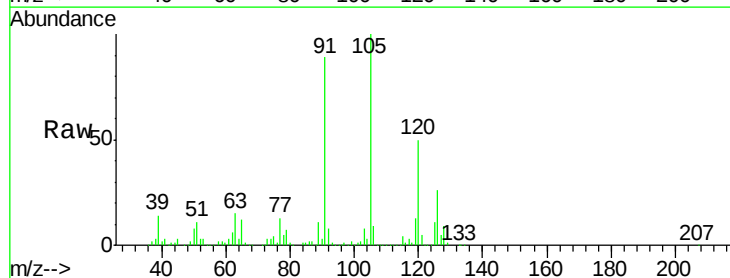
Acq: 19 Jun 2018 16:18

Tgt Ion: 91 Resp: 207415

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.4





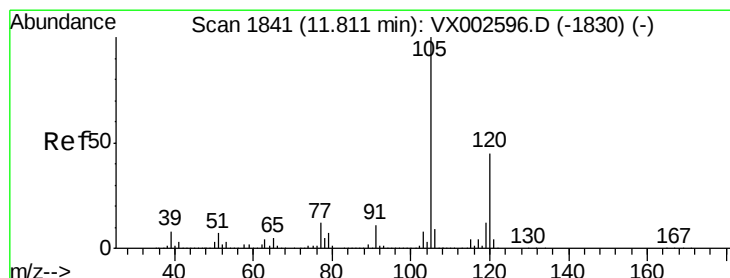
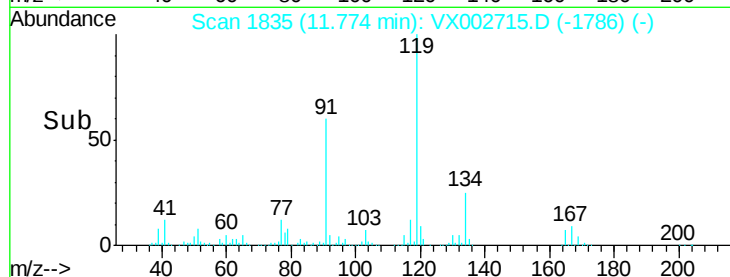
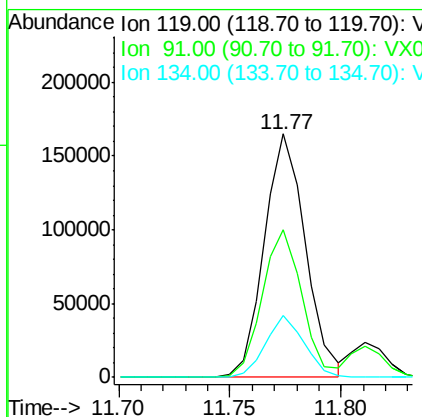
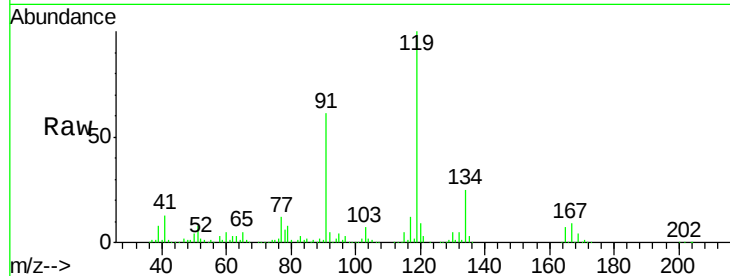
#83
tert-Butylbenzene
Concen: 20.58 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	211622		
91	58.9	30.3	90.9	
134	23.9	11.7	35.1	

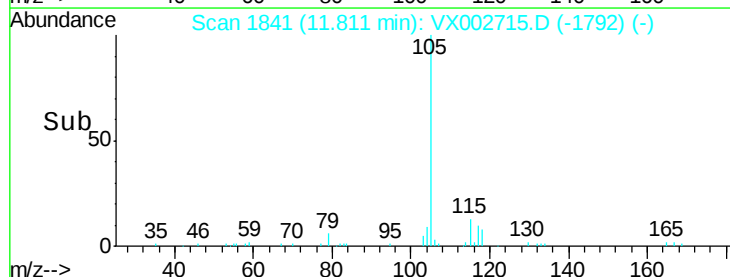
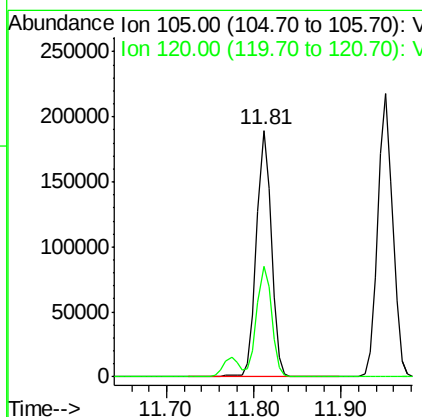
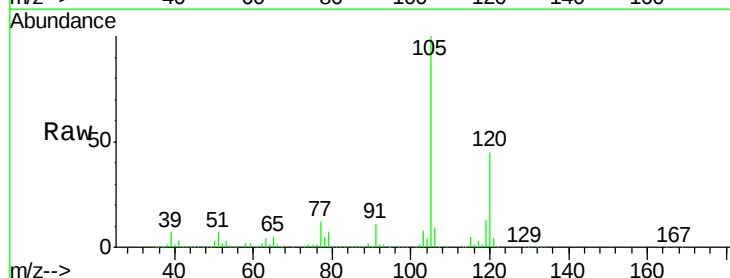
Manual Integrations
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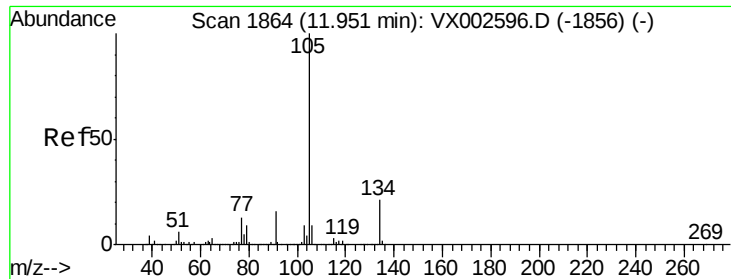
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#84
1,2,4-Trimethylbenzene
Concen: 20.42 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222419		
120	45.5	22.3	66.8	





#85

sec-Butylbenzene

Concen: 20.32 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

VX0619WBS01

Tot Ion:105 Resp: 259795

Ion Ratio Lower Upper

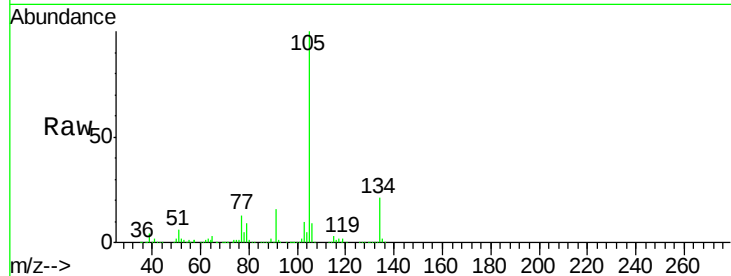
105 100

134 20.6 10.4 31.1

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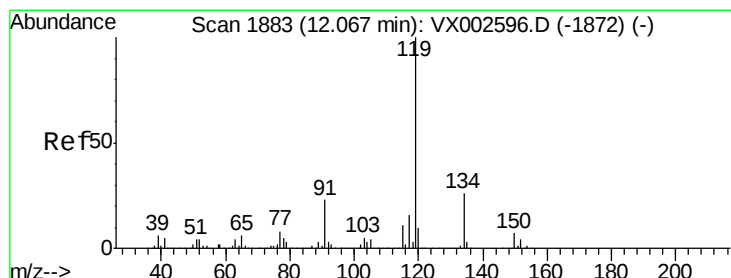
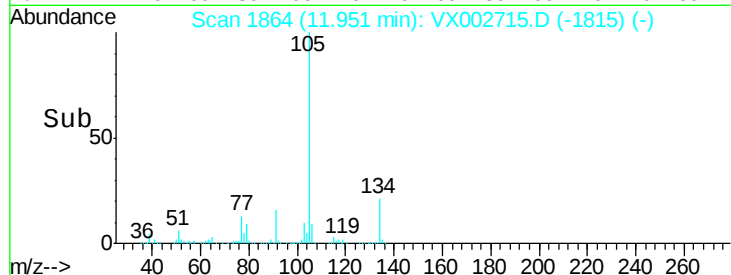
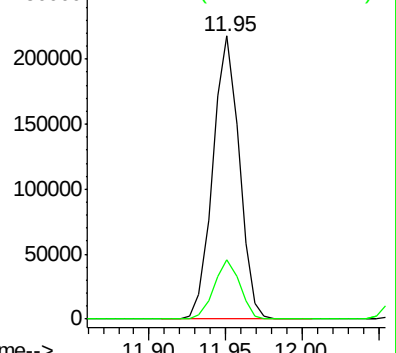
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.17 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

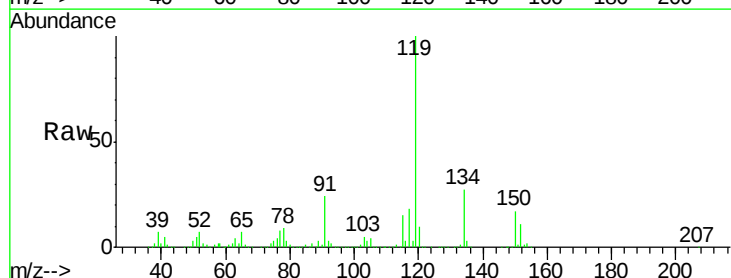
Tgt Ion:119 Resp: 233399

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.1

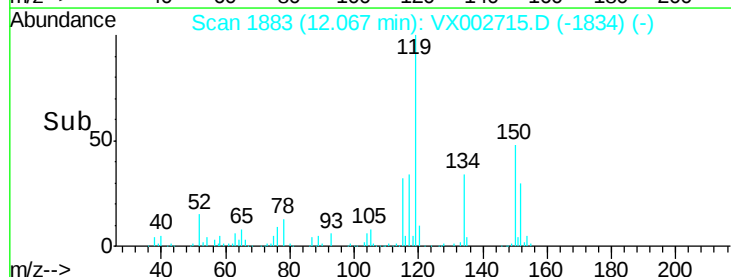
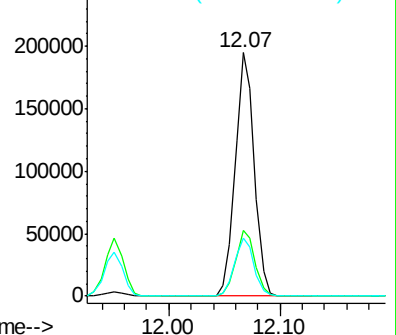
91 24.4 11.9 35.7

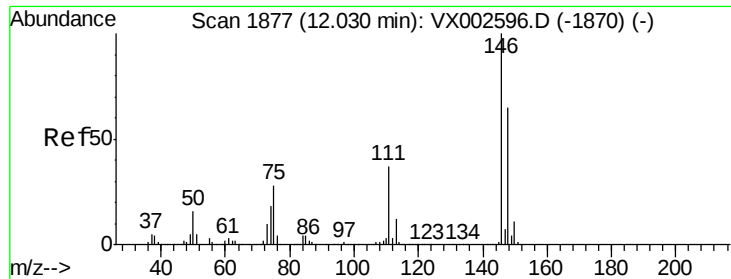


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





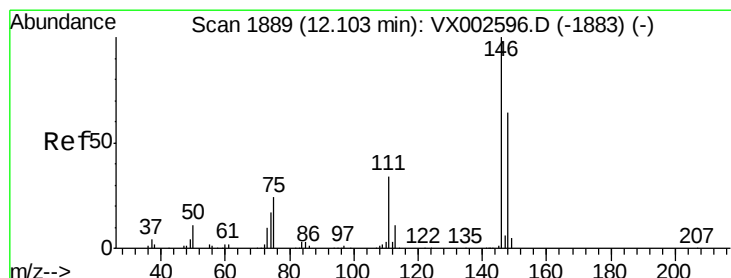
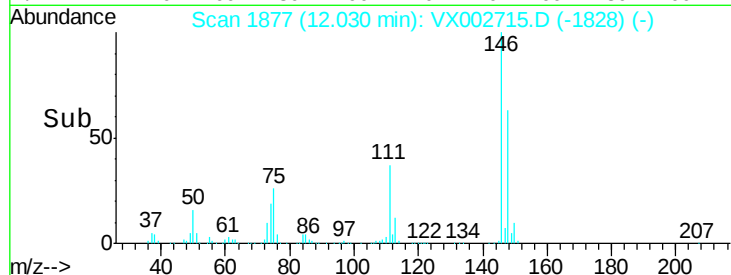
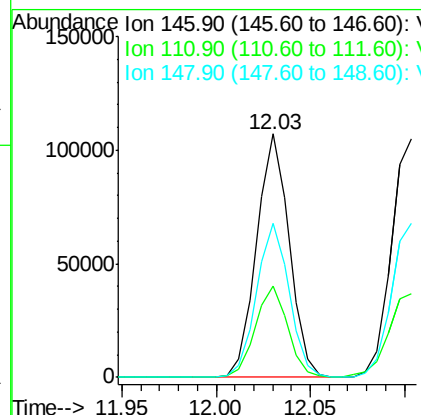
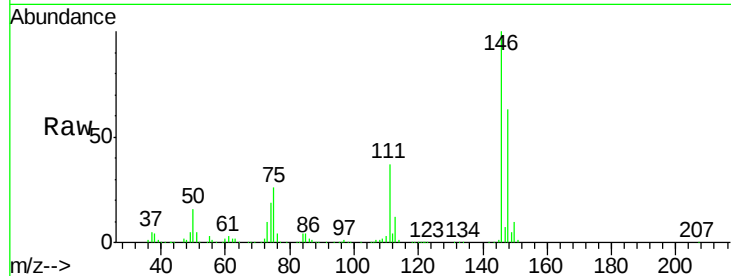
#87
 1,3-Dichlorobenzene
 Concen: 19.93 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	128627		
111	37.1	18.9	56.7	
148	63.1	32.1	96.3	

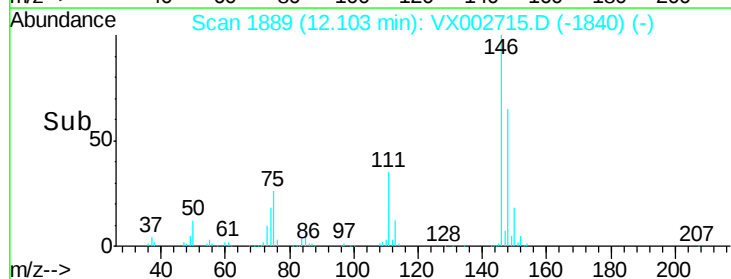
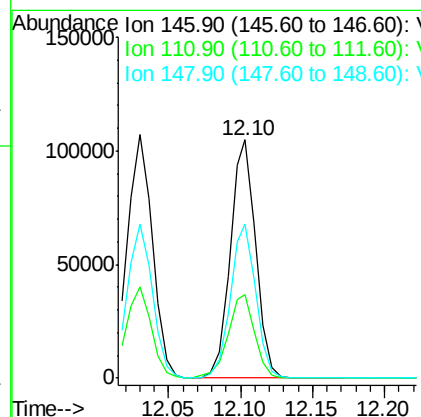
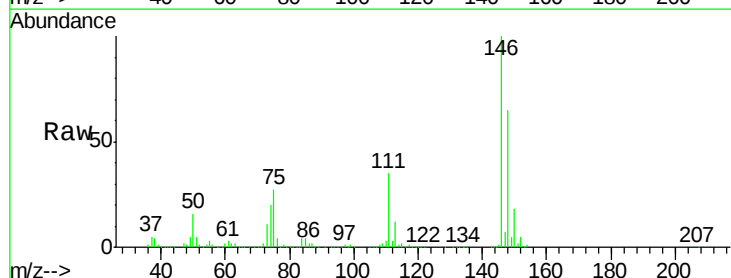
Manual Integrations
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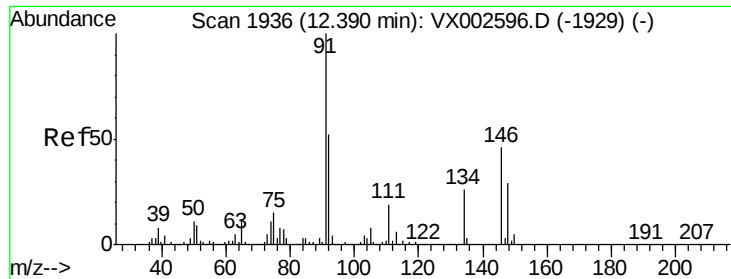
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#88
 1,4-Dichlorobenzene
 Concen: 19.79 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129970		
111	37.0	18.7	56.1	
148	64.8	32.4	97.0	





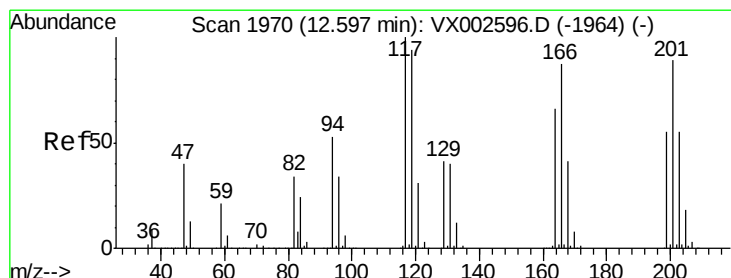
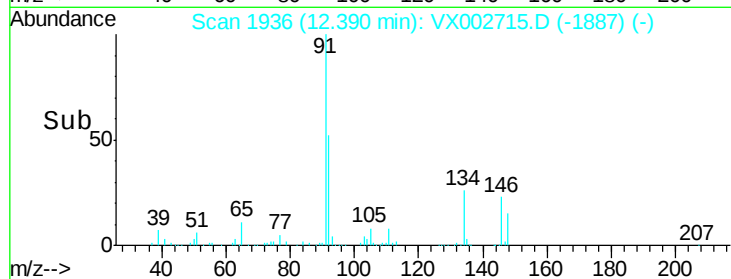
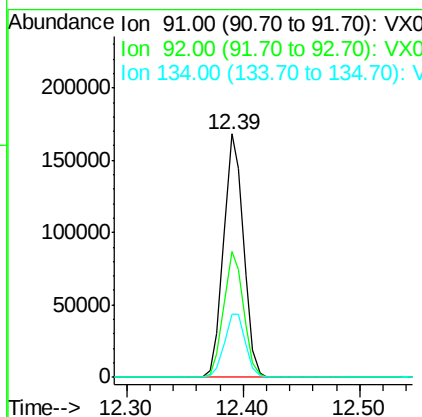
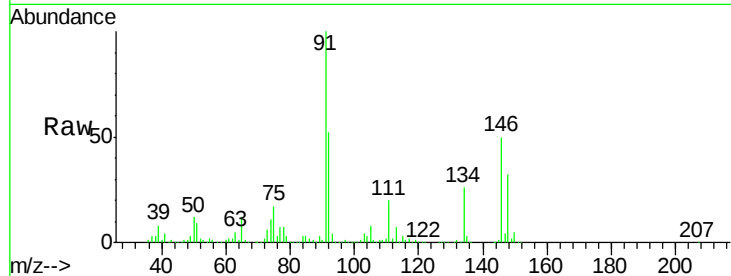
#89
n-Butylbenzene
Concen: 19.55 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Instrument :
MSVOA_X
ClientSampleId :
VX0619WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	199585		
92	51.4	26.0	78.0	
134	27.5	13.5	40.5	

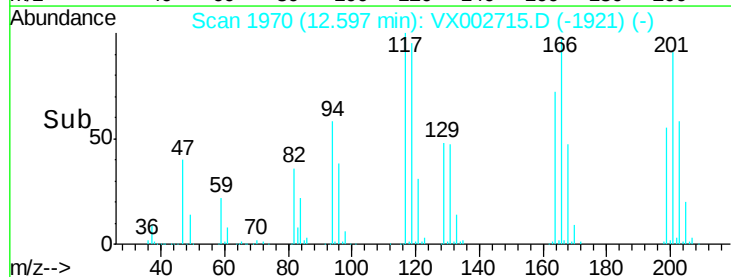
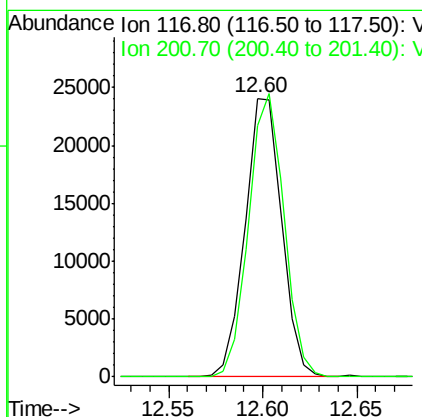
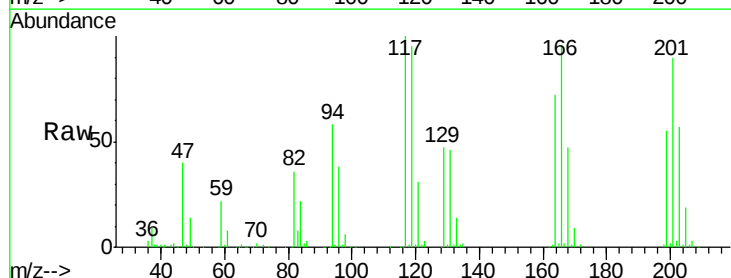
Manual Integrations
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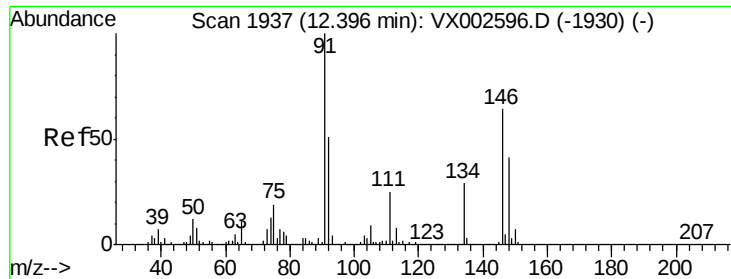
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#90
Hexachloroethane
Concen: 19.75 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002715.D
Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32592		
201	97.6	49.0	147.0	





#91

1,2-Dichlorobenzene

Concen: 20.15 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

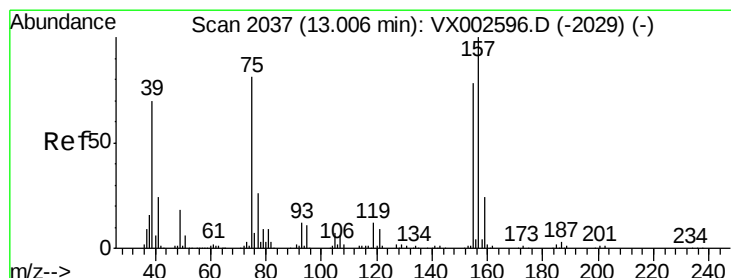
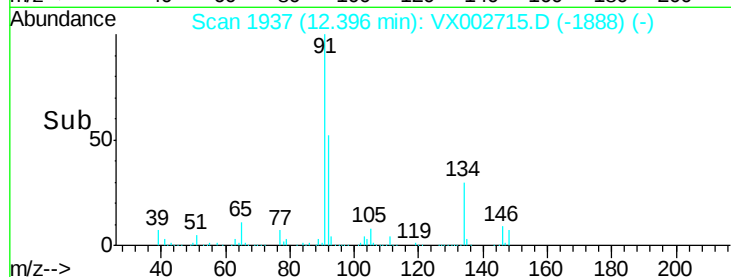
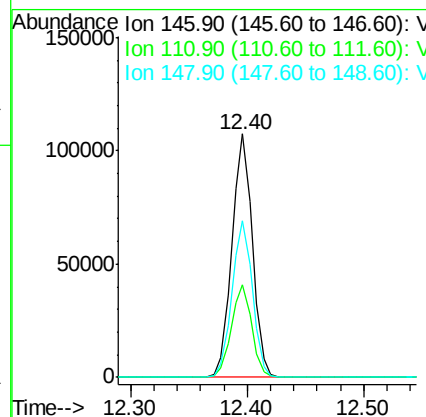
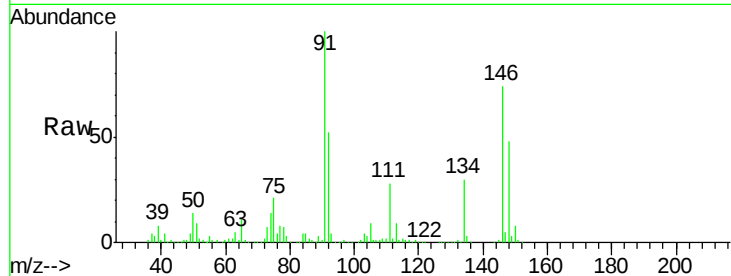
ClientSampleId :

VX0619WBS01

Tot Ion:	146	Resp:	130901
Ion Ratio	Lower	Upper	
146	100		
111	37.9	19.4	58.1
148	64.4	31.7	95.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.86 ug/l

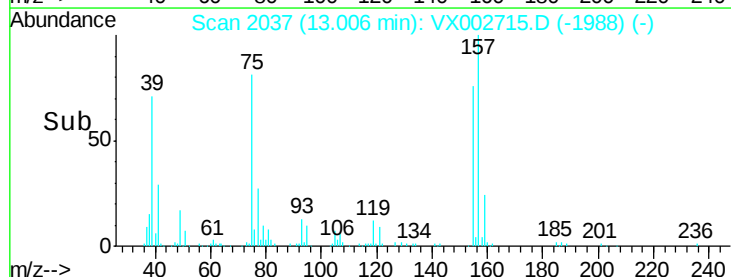
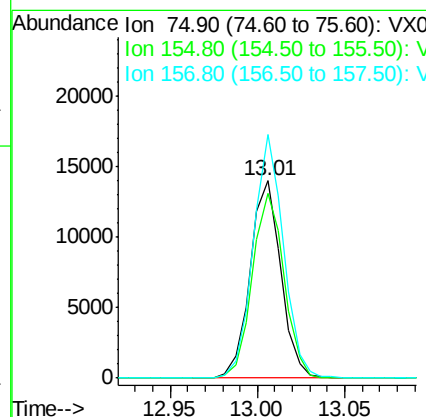
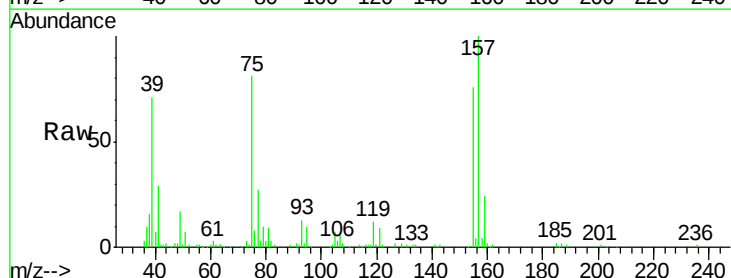
RT: 13.01 min Scan# 2037

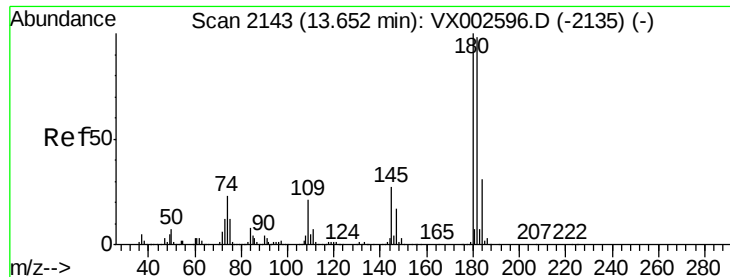
Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Tgt Ion:	75	Resp:	17078
Ion Ratio	Lower	Upper	
75	100		
155	96.0	45.8	137.4
157	121.4	60.1	180.3





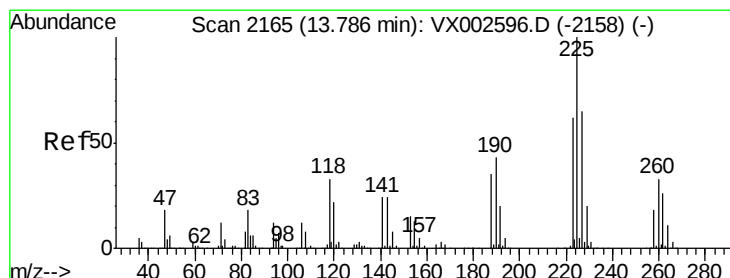
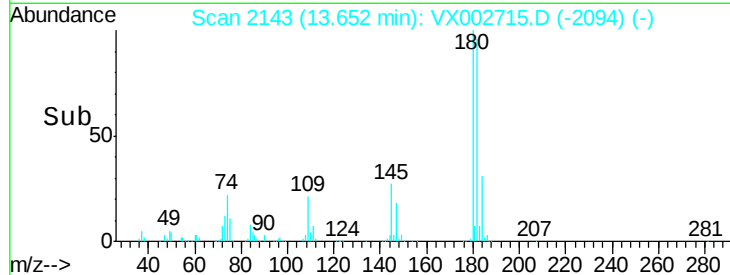
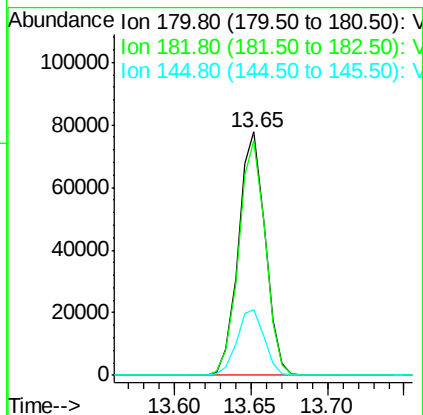
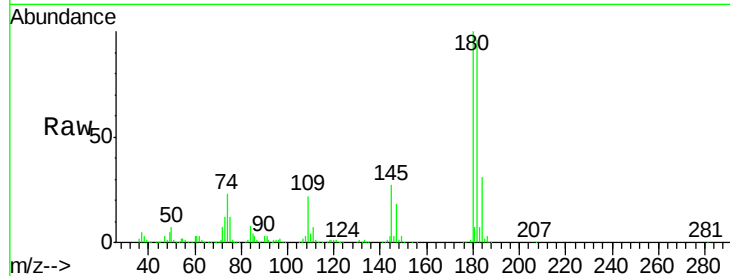
#93
 1,2,4-Trichlorobenzene
 Concen: 19.95 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	27.9	14.1	42.4

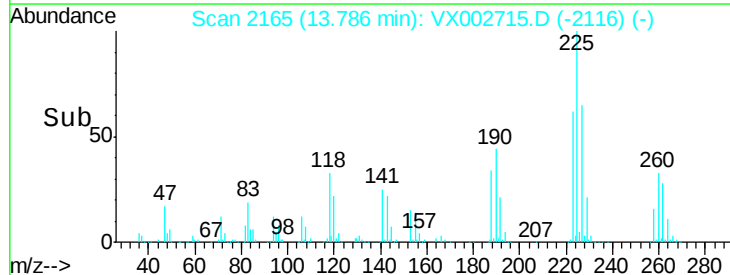
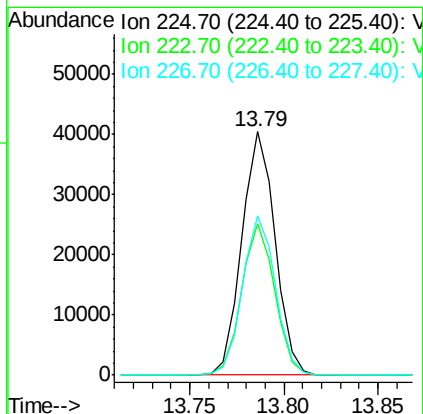
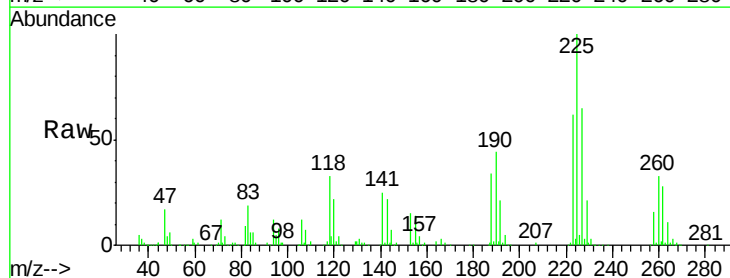
Manual Integrations
 APPROVED

MMDadoda
 6/20/2018 6:26:56 PM



#94
 Hexachlorobutadiene
 Concen: 19.86 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002715.D
 Acq: 19 Jun 2018 16:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.6	95.0
227	64.8	32.4	97.2





#95

Naphthalene

Concen: 21.36 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Instrument :

MSVOA_X

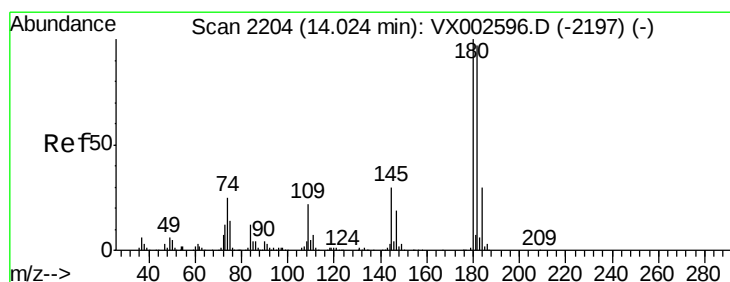
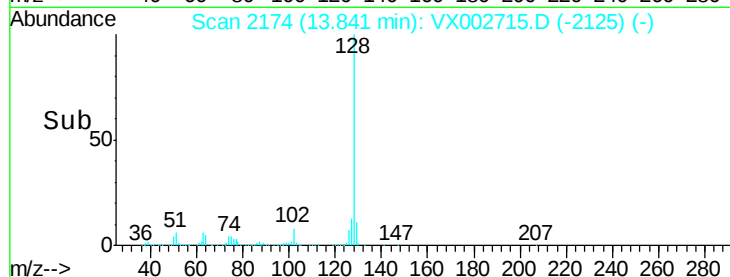
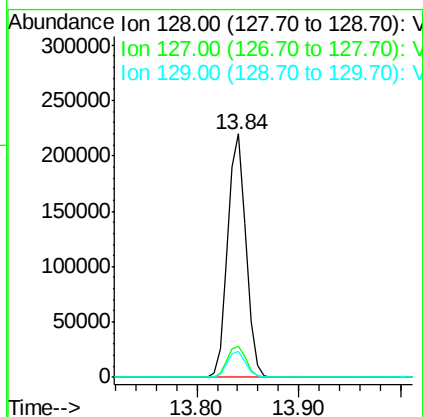
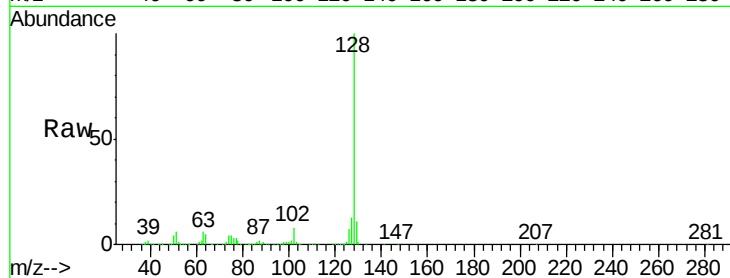
ClientSampleId :

VX0619WBS01

Tot Ion:	128	Resp:	270971
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/20/2018 6:26:56 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.41 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002715.D

Acq: 19 Jun 2018 16:18

Tgt Ion:	180	Resp:	96615
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.0	144.0
145	29.3	14.8	44.3

