

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072018\
 Data File : VX003520.D
 Acq On : 20 Jul 2018 20:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 12:35:48 PM

Quant Time: Jul 21 03:51:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	291660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404010	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	392761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235097	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188355	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
35) Dibromofluoromethane	5.51	113	168640	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	8.72	98	639520	55.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.58%	
62) 4-Bromofluorobenzene	11.14	95	233482	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	130418	56.416	ug/l	92
3) Chloromethane	1.32	50	156816	54.750	ug/l	99
4) Vinyl Chloride	1.40	62	176195	47.555	ug/l	98
5) Bromomethane	1.64	94	79241	53.958	ug/l	100
6) Chloroethane	1.71	64	114723	52.326	ug/l	100
7) Trichlorofluoromethane	1.92	101	248812	50.335	ug/l	99
8) Diethyl Ether	2.19	74	105923	49.893	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155511	48.067	ug/l	98
10) Methyl Iodide	2.51	142	204704	52.670	ug/l	93
11) Tert butyl alcohol	3.08	59	190827	279.325	ug/l	99
12) 1,1-Dichloroethene	2.37	96	149114	50.056	ug/l	88
13) Acrolein	2.29	56	68620	222.305	ug/l	99
14) Allyl chloride	2.73	41	271201	51.428	ug/l	86
15) Acrylonitrile	3.15	53	463782	266.646	ug/l	98
16) Acetone	2.45	43	360625	276.535	ug/l #	87
17) Carbon Disulfide	2.57	76	399464	49.585	ug/l	99
18) Methyl Acetate	2.78	43	228425	55.562	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	508050	52.229	ug/l	100
20) Methylene Chloride	2.85	84	170219	53.442	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	162088	48.903	ug/l	93
22) Diisopropyl ether	3.87	45	516062	52.007	ug/l	96
23) Vinyl Acetate	3.83	43	2117233	259.032	ug/l	95
24) 1,1-Dichloroethane	3.70	63	302106	51.891	ug/l	99
25) 2-Butanone	4.71	43	598818	273.680	ug/l	91
26) 2,2-Dichloropropane	4.59	77	201589	45.590	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	183959	49.847	ug/l	98
28) Bromochloromethane	5.01	49	137393	53.991	ug/l	92
29) Tetrahydrofuran	5.17	42	392516	271.566	ug/l	92
30) Chloroform	5.22	83	296394	52.136	ug/l	98
31) Cyclohexane	5.57	56	262753	50.512	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	256580	52.704	ug/l	97
36) 1,1-Dichloropropene	5.80	75	224667	51.506	ug/l	98
37) Ethyl Acetate	4.87	43	226986	54.992	ug/l	95
38) Carbon Tetrachloride	5.79	117	227813	53.245	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	261670	50.649	ug/l	95
40) Benzene	6.15	78	691015	52.470	ug/l	98
41) Methacrylonitrile	5.07	41	128828	53.105	ug/l	91
42) 1,2-Dichloroethane	6.20	62	228056	54.960	ug/l	95
43) Isopropyl Acetate	6.47	43	370531	56.432	ug/l	95
44) Trichloroethene	7.21	130	196564	50.047	ug/l	98
45) 1,2-Dichloropropane	7.52	63	179387	53.643	ug/l	98
46) Dibromomethane	7.67	93	115701	53.742	ug/l	97
47) Bromodichloromethane	7.90	83	218545	55.450	ug/l	99
48) Methyl methacrylate	7.78	41	192931	58.267	ug/l	86
49) 1,4-Dioxane	7.76	88	81753	1089.686	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1228144	296.077	ug/l	92
52) Toluene	8.79	92	434736	52.442	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	265132	54.654	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	237858	54.522	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	176130	53.394	ug/l	99
56) Ethyl methacrylate	9.18	69	262766	56.554	ug/l #	84
57) 1,3-Dichloropropane	9.38	76	289969	54.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	620754	274.762	ug/l	99
59) 2-Hexanone	9.50	43	925197	301.036	ug/l	90
60) Dibromochloromethane	9.59	129	180923	55.411	ug/l	100
61) 1,2-Dibromoethane	9.68	107	185063	54.119	ug/l	100
64) Tetrachloroethene	9.34	164	231386	48.354	ug/l	99
65) Chlorobenzene	10.14	112	496729	49.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177983	51.119	ug/l	99
67) Ethyl Benzene	10.26	91	831216	51.086	ug/l	99
68) m/p-Xylenes	10.36	106	652578	102.304	ug/l	96
69) o-Xylene	10.70	106	316180	51.259	ug/l	96
70) Styrene	10.71	104	533189	52.551	ug/l	97
71) Bromoform	10.86	173	139742	51.657	ug/l	99
73) Isopropylbenzene	11.02	105	837822	51.529	ug/l	100
74) N-amyl acetate	6.47	43	370531	53.670	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	250217	52.515	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	231391m	54.787	ug/l	
77) Bromobenzene	11.26	156	228755	48.917	ug/l	98
78) n-propylbenzene	11.37	91	951395	52.640	ug/l	99
79) 2-Chlorotoluene	11.42	91	564324	51.433	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	704148	52.696	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	72261	48.660	ug/l	89
82) 4-Chlorotoluene	11.51	91	663217	51.587	ug/l	99
83) tert-Butylbenzene	11.77	119	667473	51.006	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	719123	52.889	ug/l	98
85) sec-Butylbenzene	11.95	105	823359	51.801	ug/l	100
86) p-Isopropyltoluene	12.07	119	740305	51.899	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	413067	48.053	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	416862	47.076	ug/l	99
89) n-Butylbenzene	12.39	91	630834	52.081	ug/l	99
90) Hexachloroethane	12.60	117	103798	51.188	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	418831	49.435	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51176	55.191	ug/l	91

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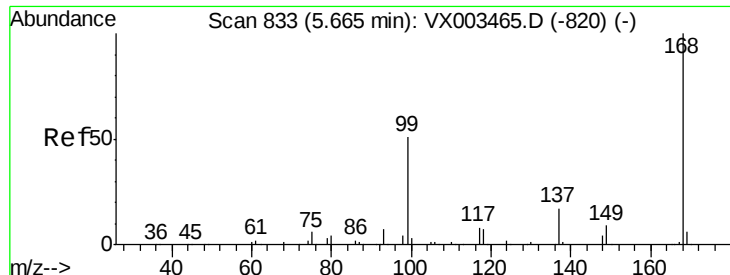
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	294375	47.409	ug/l	99
94) Hexachlorobutadiene	13.79	225	138452	46.364	ug/l	100
95) Naphthalene	13.83	128	863016	52.894	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	301172	48.997	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 291660

Ion Ratio Lower Upper

168 100

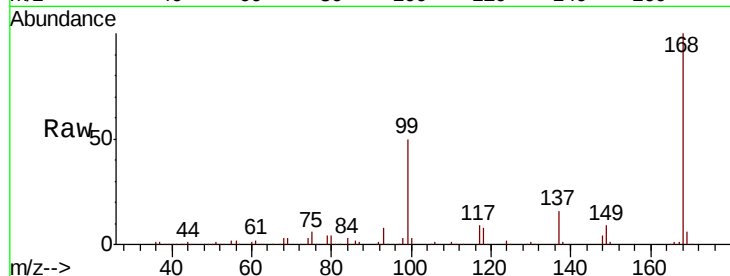
99 49.7 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

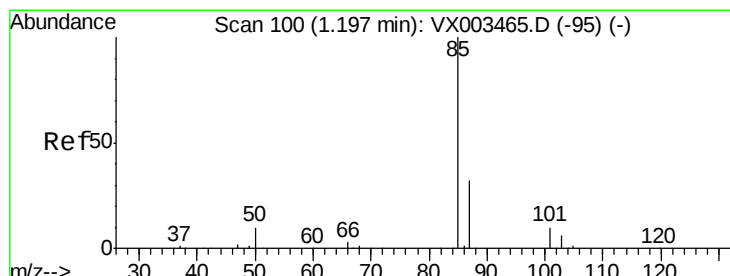
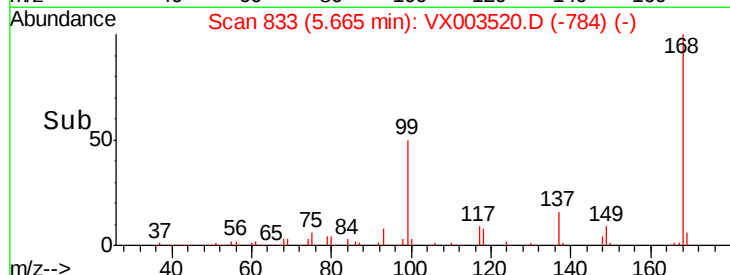
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 56.416 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003520.D

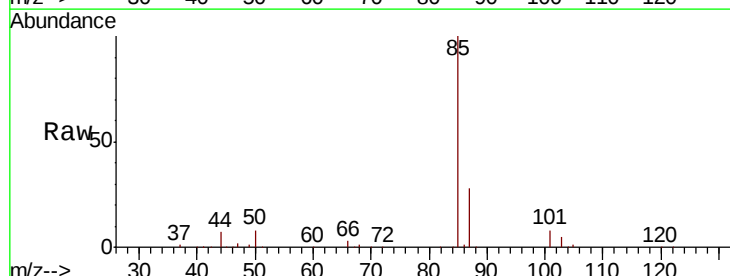
Acq: 20 Jul 2018 20:31

Tgt Ion: 85 Resp: 130418

Ion Ratio Lower Upper

85 100

87 27.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

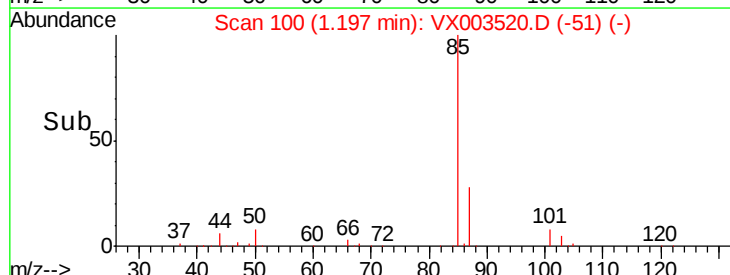
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 54.750 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 156816

Ion Ratio Lower Upper

50 100

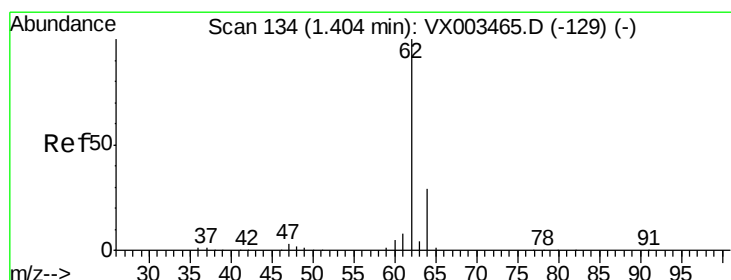
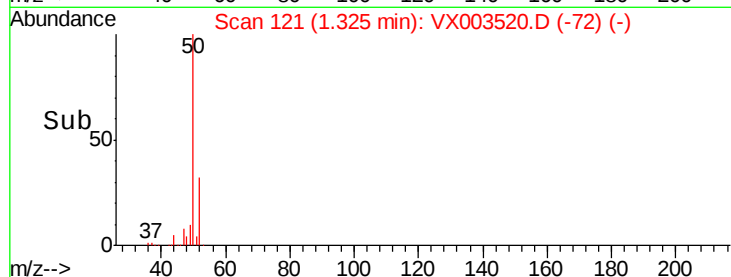
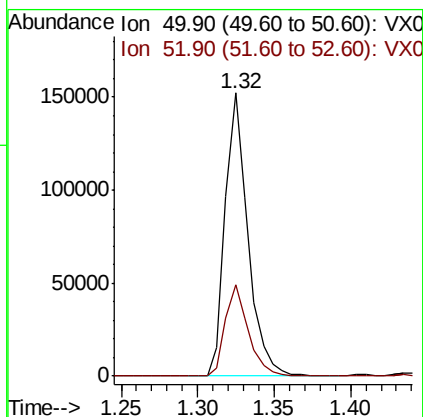
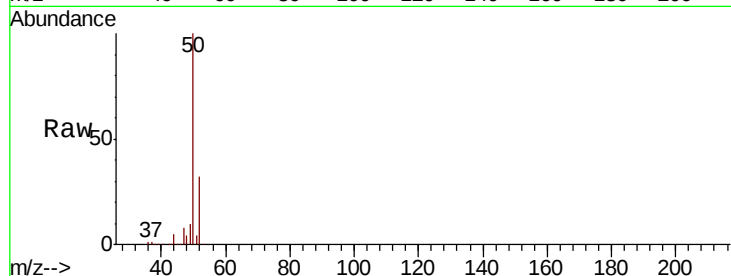
52 32.5 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.555 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003520.D

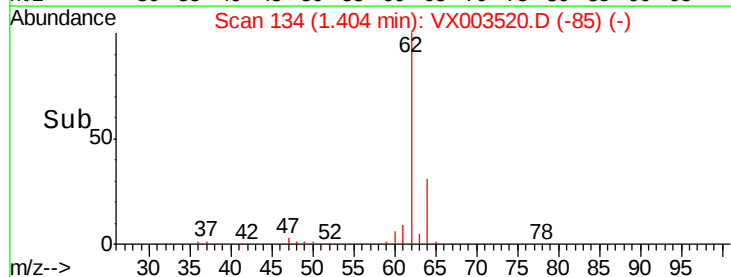
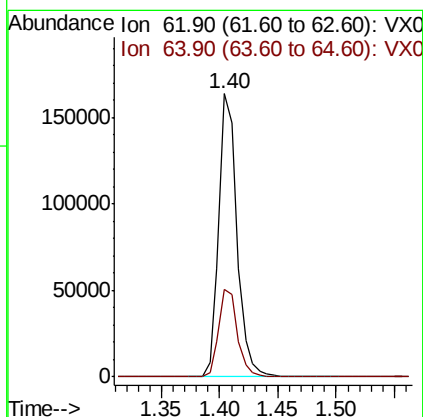
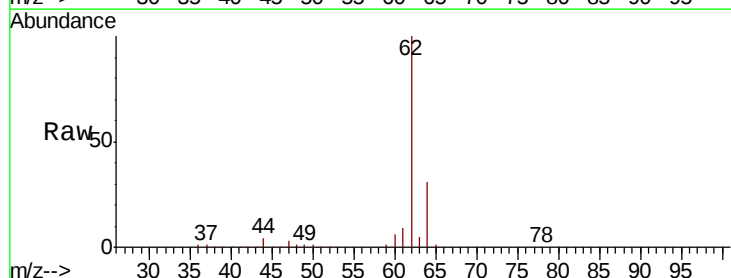
Acq: 20 Jul 2018 20:31

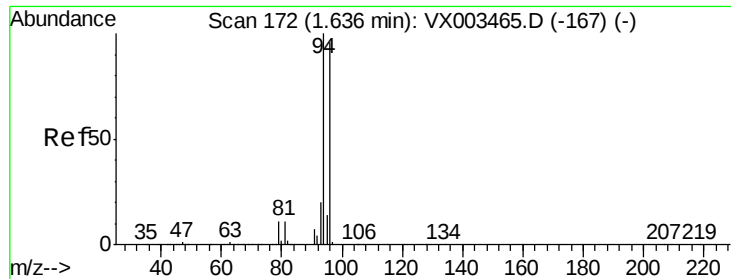
Tgt Ion: 62 Resp: 176195

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 53.958 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 79241

Ion Ratio Lower Upper

94 100

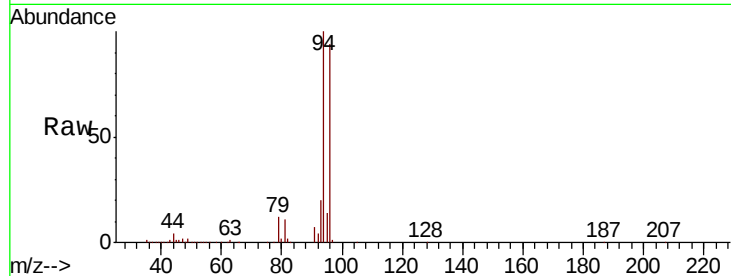
96 93.9 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

100000

80000

60000

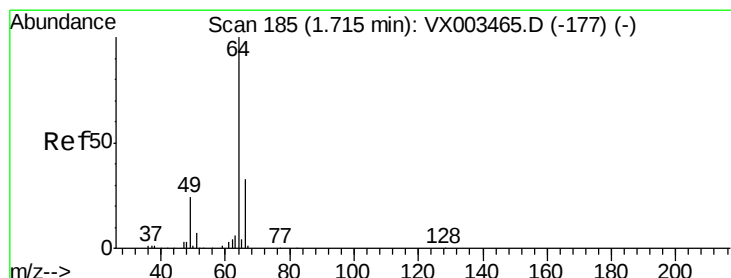
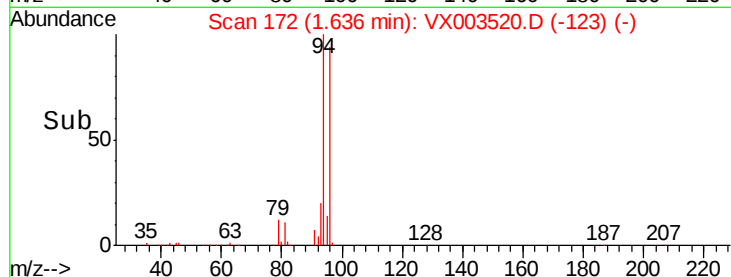
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 52.326 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX003520.D

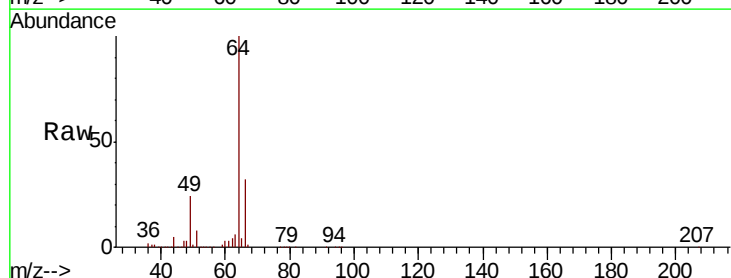
Acq: 20 Jul 2018 20:31

Tgt Ion: 64 Resp: 114723

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

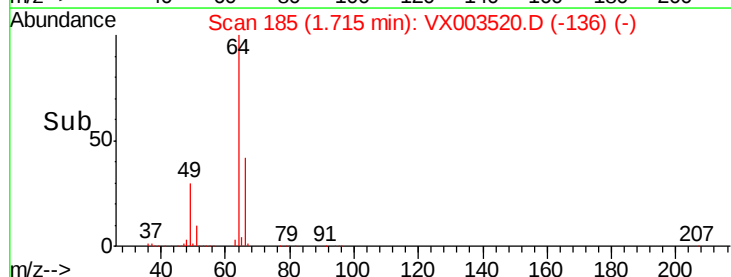
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20000

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1.70 1.80

Time-->





#7

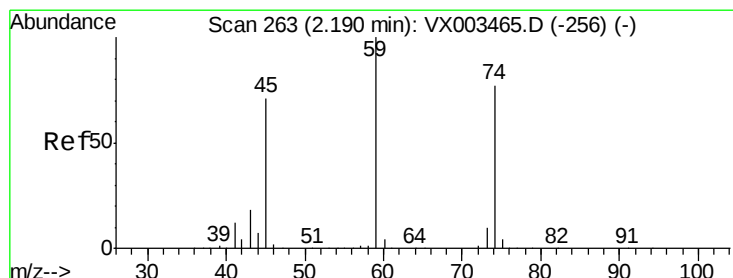
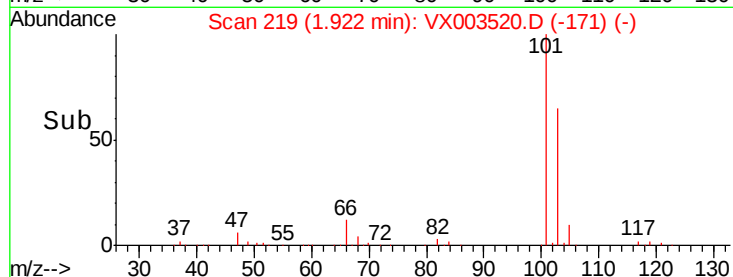
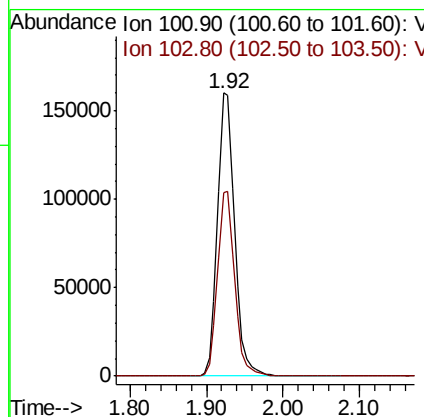
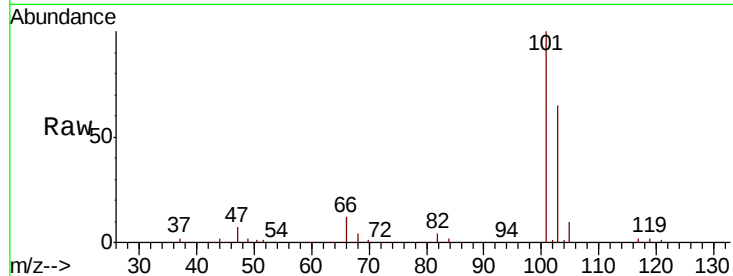
Trichlorofluoromethane
 Concen: 50.335 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	248812		
103	64.9	52.8	79.2	

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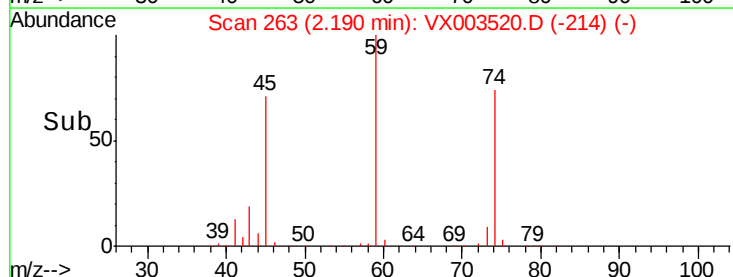
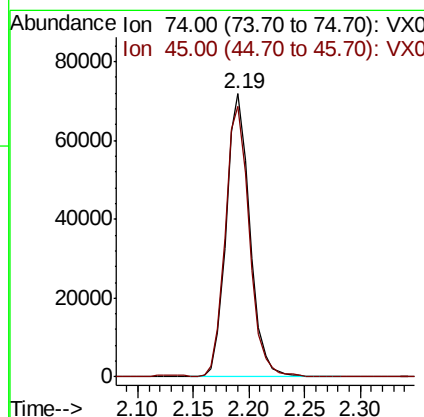
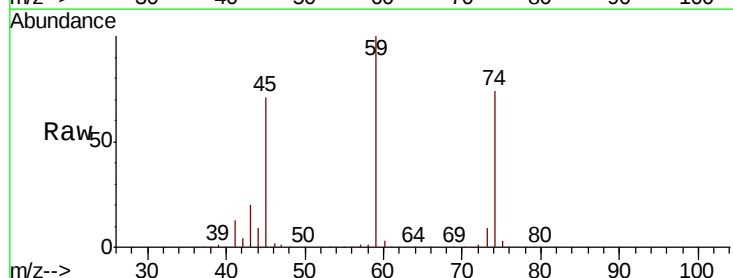
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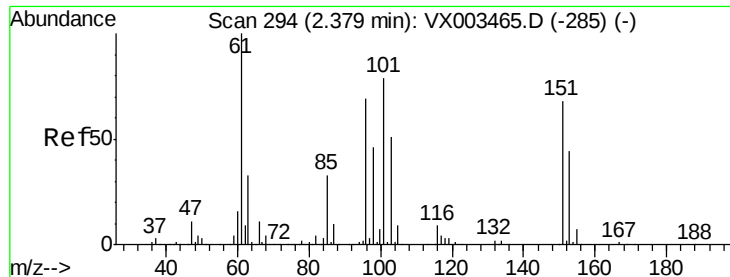


#8

Diethyl Ether
 Concen: 49.893 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	105923		
45	96.7	53.1	159.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.067 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

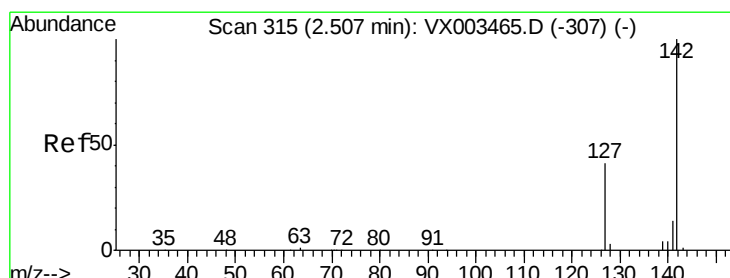
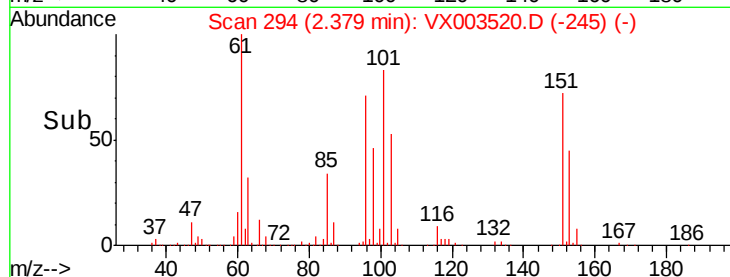
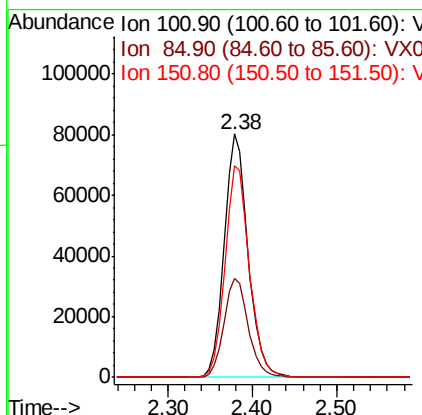
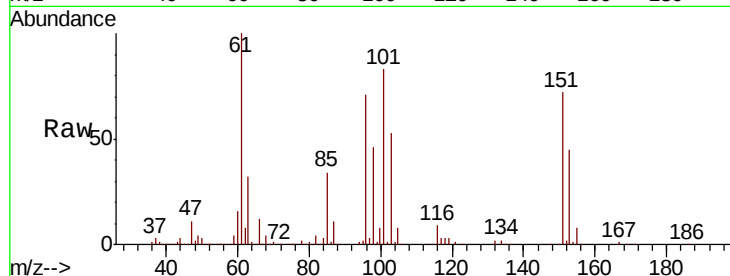
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	155511
Ion Ratio	Lower	Upper	
101	100		
85	41.6	36.0	54.0
151	88.5	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 52.670 ug/l

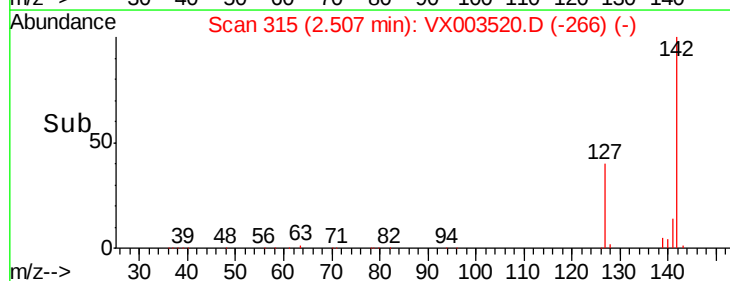
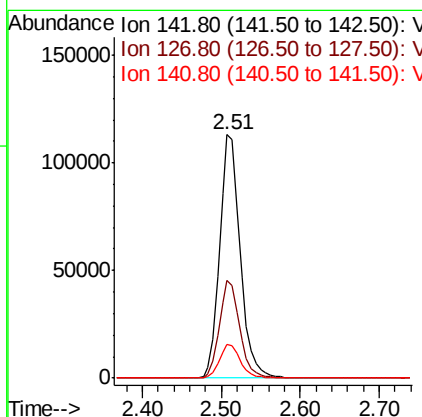
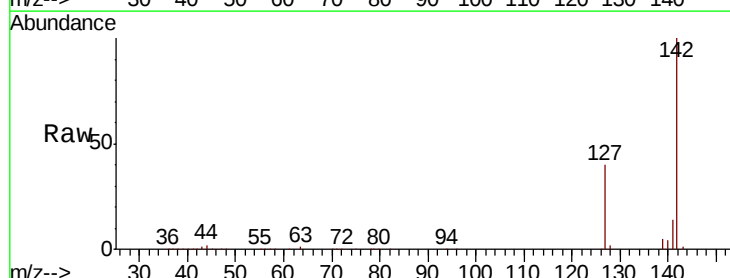
RT: 2.51 min Scan# 315

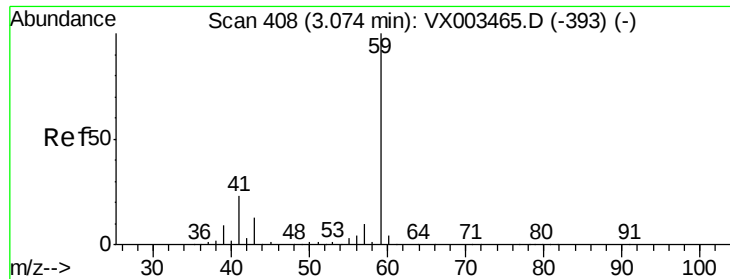
Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Tgt Ion:	142	Resp:	204704
Ion Ratio	Lower	Upper	
142	100		
127	39.8	36.6	55.0
141	14.0	11.3	16.9





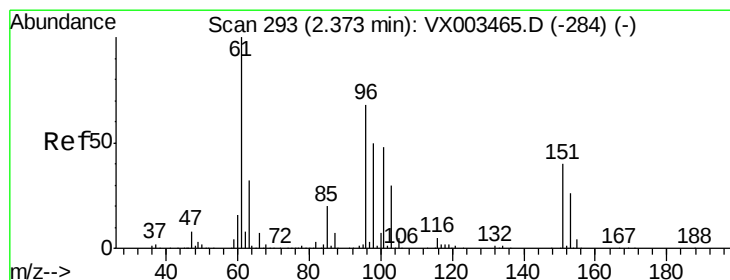
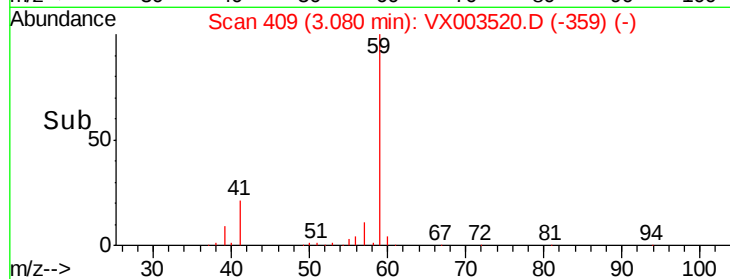
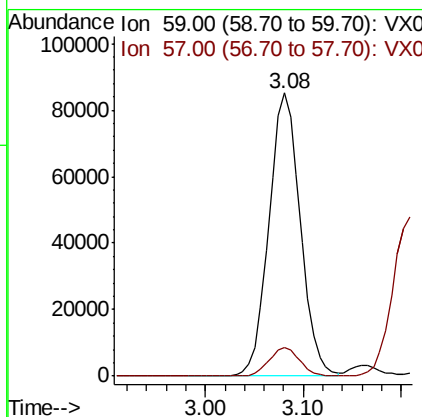
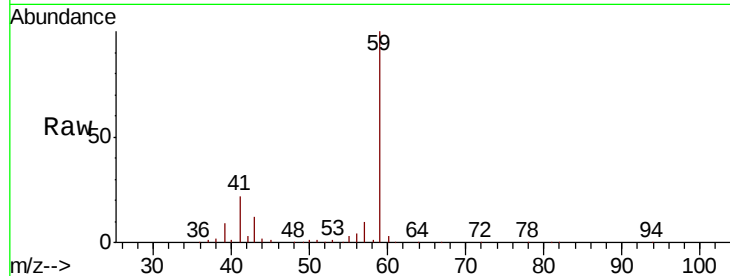
#11
Tert butyl alcohol
Concen: 279.325 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

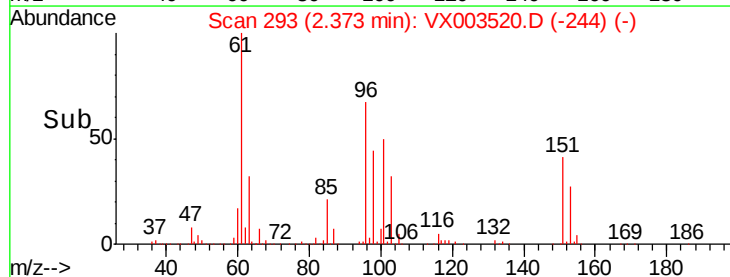
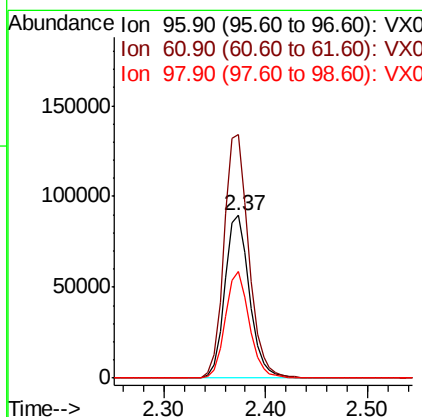
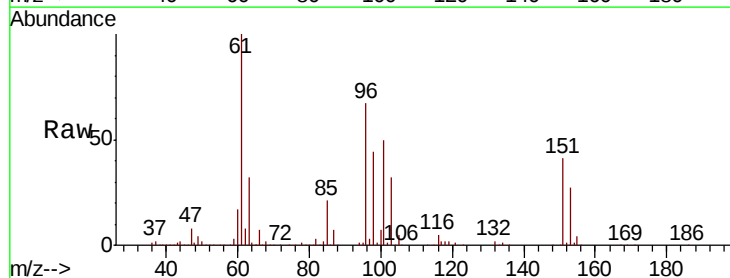
Manual Integrations
APPROVED

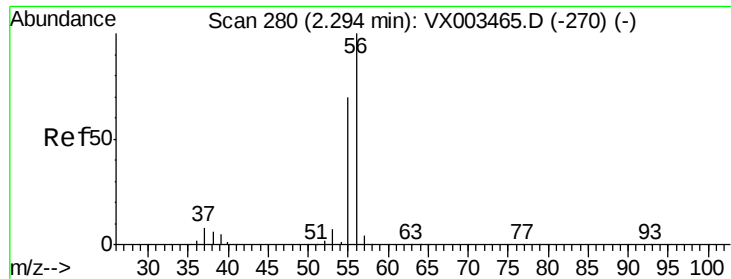
MMDadoda
7/23/2018 12:35:48 PM



#12
1,1-Dichloroethene
Concen: 50.056 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.9	137.9	206.9
98	65.7	51.6	77.4





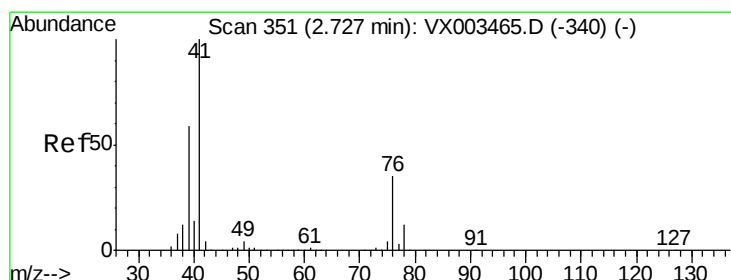
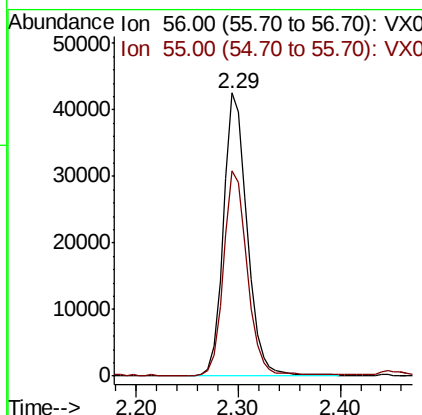
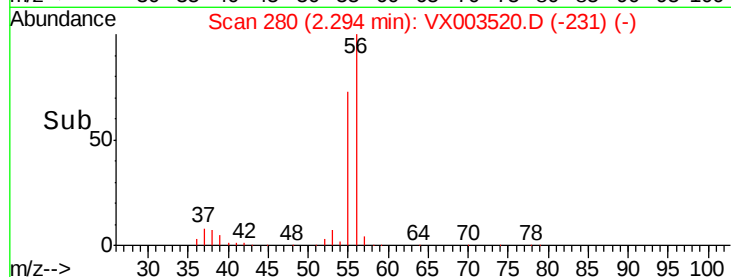
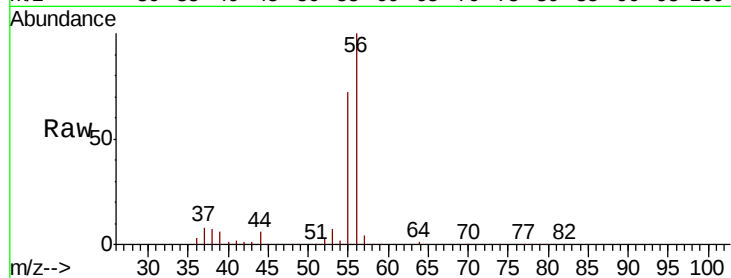
#13
Acrolein
Concen: 222.305 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	71.9	57.0	85.4

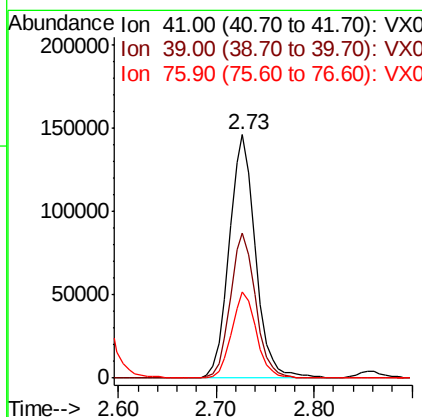
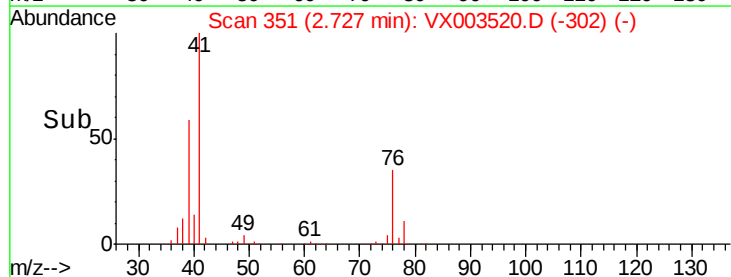
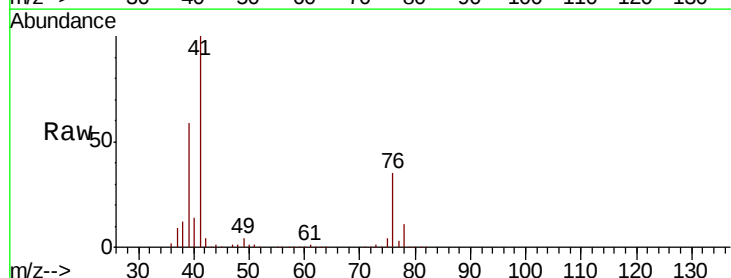
Manual Integrations
APPROVED

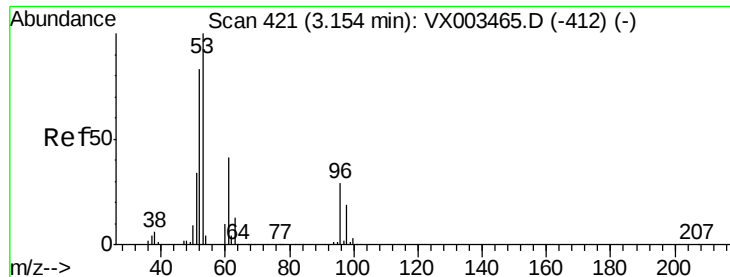
MMDadoda
7/23/2018 12:35:48 PM



#14
Allyl chloride
Concen: 51.428 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.4	56.8	85.2
76	33.7	23.8	35.8





#15

Acrylonitrile

Concen: 266.646 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

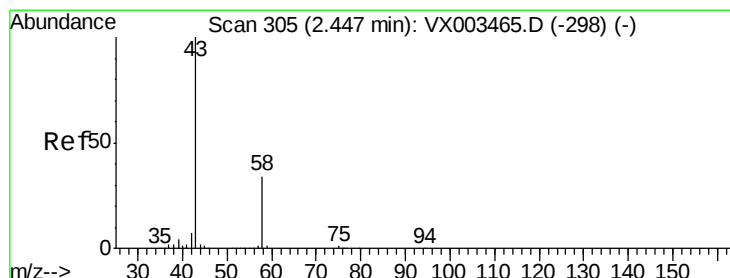
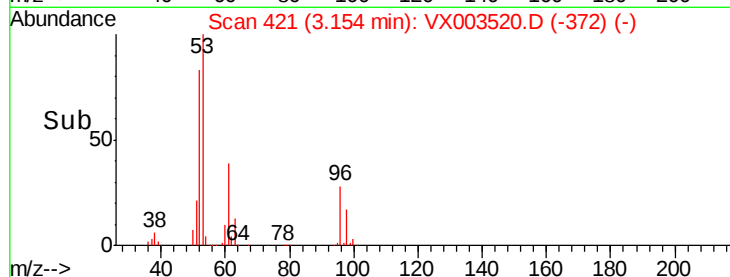
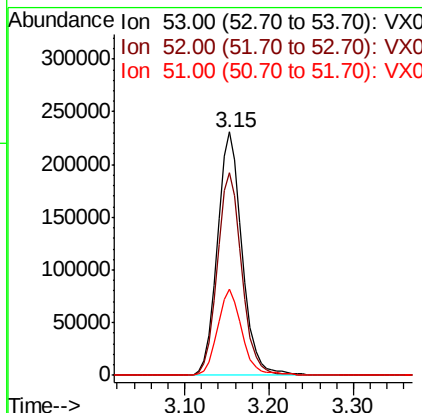
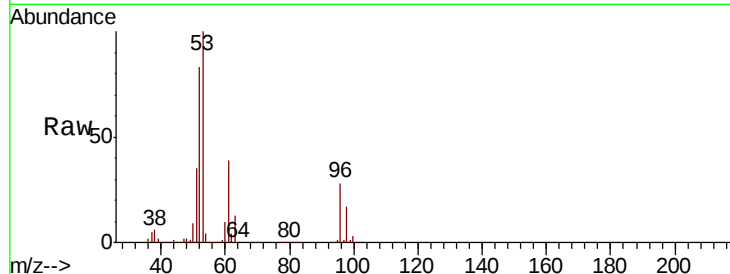
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	463782
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.7	100.1
51	35.3	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 276.535 ug/l

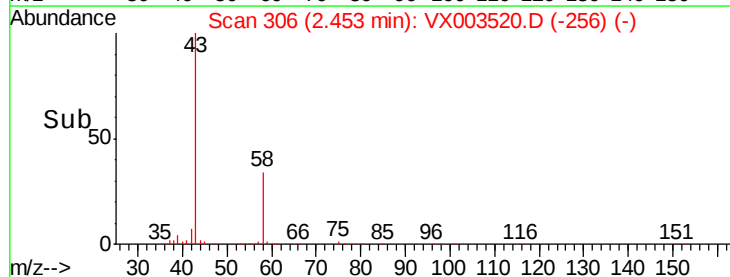
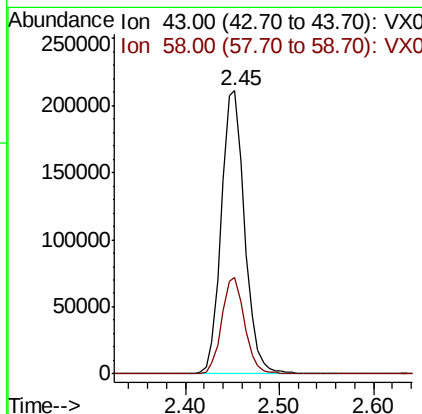
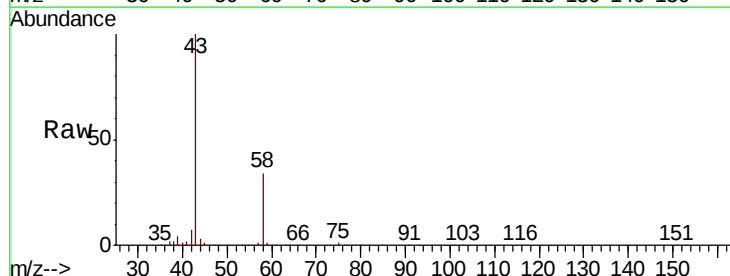
RT: 2.45 min Scan# 306

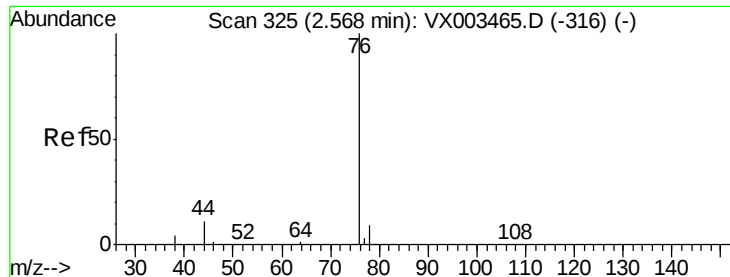
Delta R.T. 0.01 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Tgt Ion:	43	Resp:	360625
Ion Ratio	Lower	Upper	
43	100		
58	34.3	22.1	33.1#





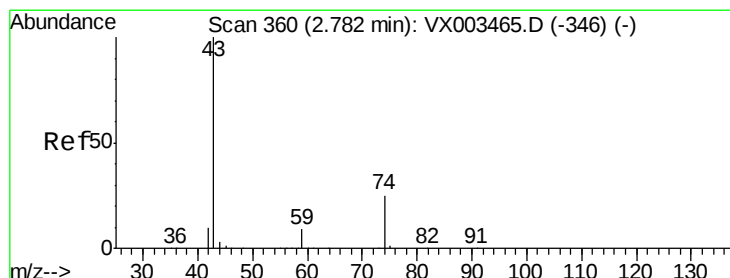
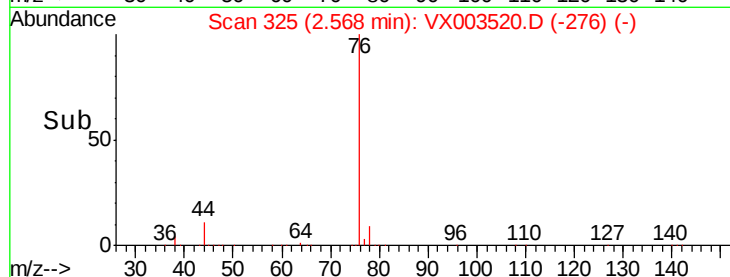
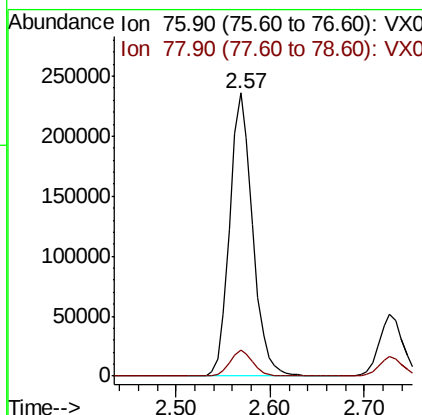
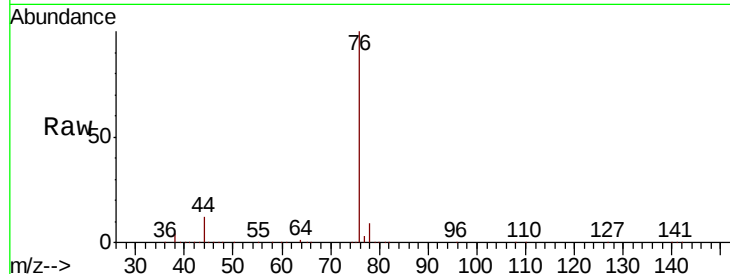
#17
Carbon Disulfide
Concen: 49.585 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 399464
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

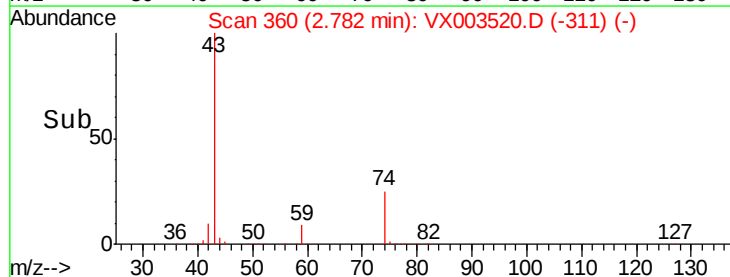
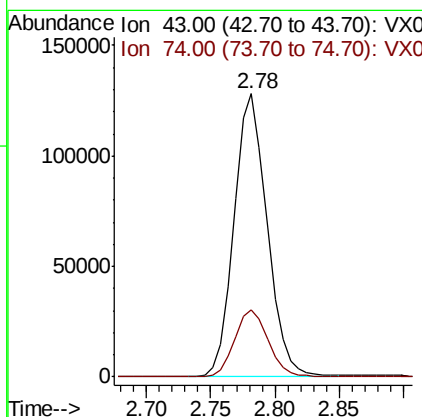
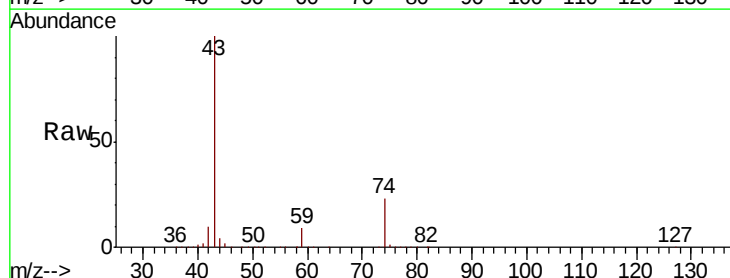
Manual Integrations
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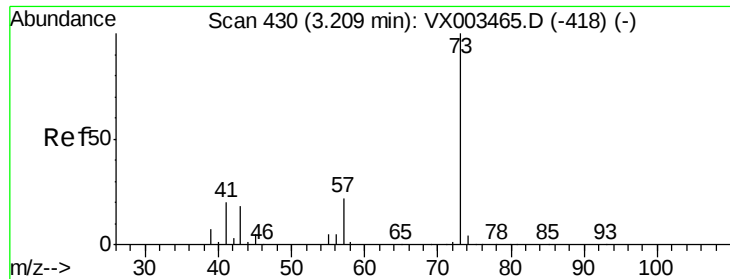
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#18
Methyl Acetate
Concen: 55.562 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 43 Resp: 228425
Ion Ratio Lower Upper
43 100
74 24.2 16.7 25.1





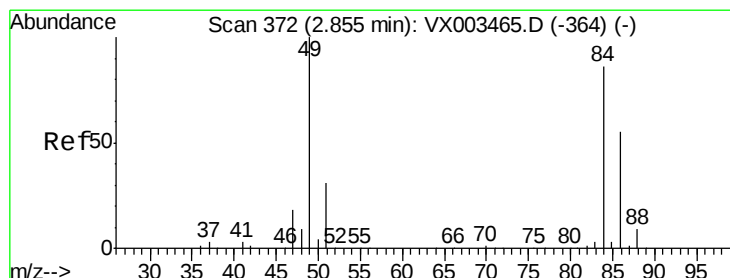
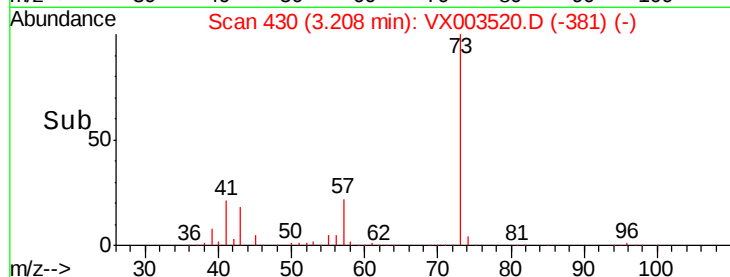
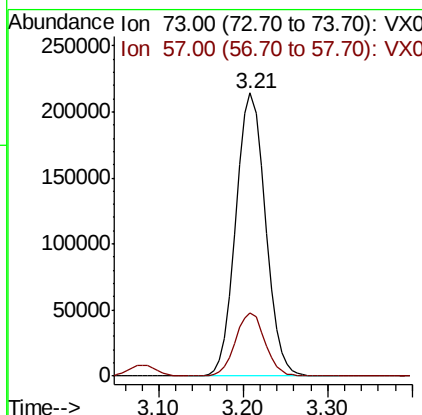
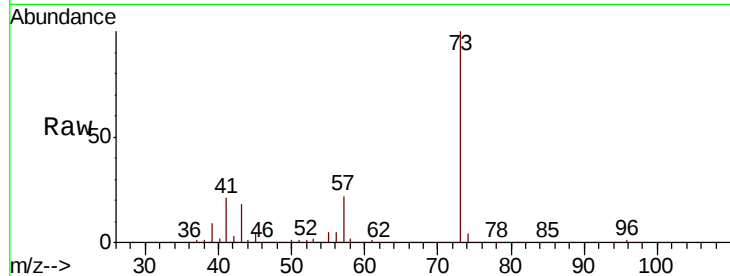
#19
Methyl tert-butyl Ether
Concen: 52.229 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 508050
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

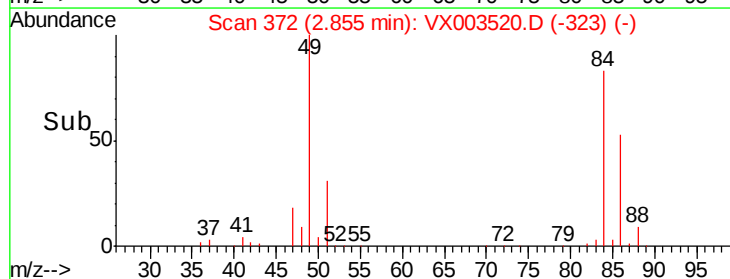
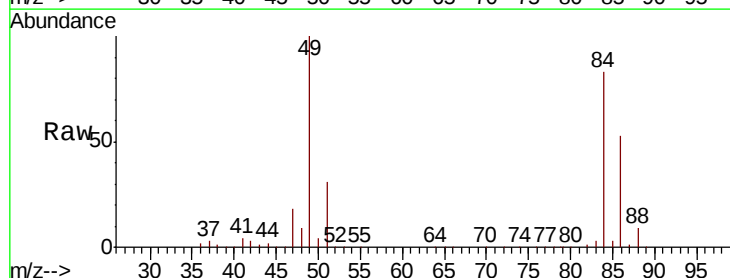
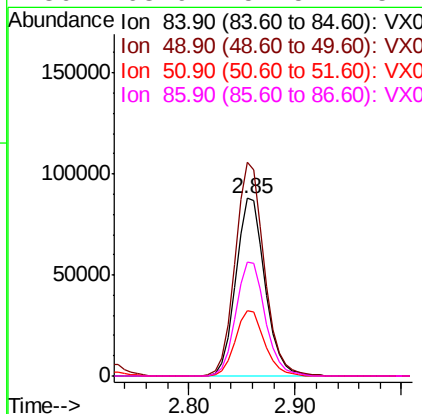
Manual Integrations
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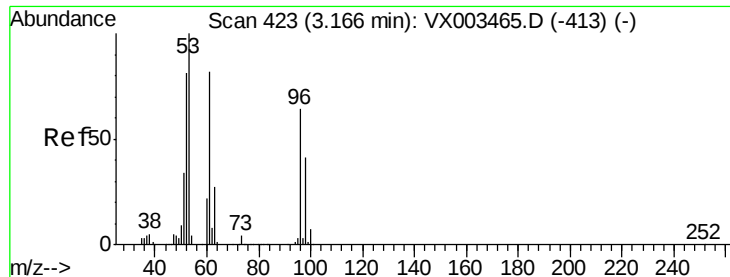
MMDadoda
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#20
Methylene Chloride
Concen: 53.442 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 84 Resp: 170219
Ion Ratio Lower Upper
84 100
49 120.1 107.8 161.6
51 37.1 32.8 49.2
86 63.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.903 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 96 Resp: 162088

Ion Ratio Lower Upper

96 100

61 135.3 117.0 175.4

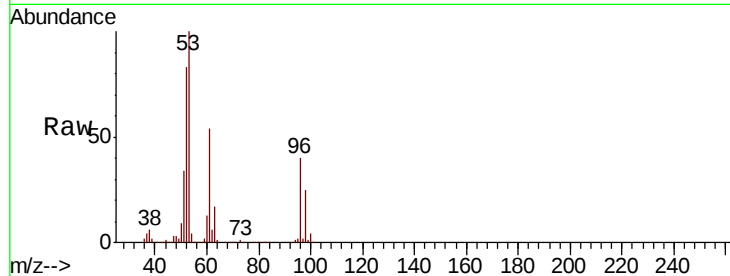
98 62.4 52.4 78.6

Manual Integrations

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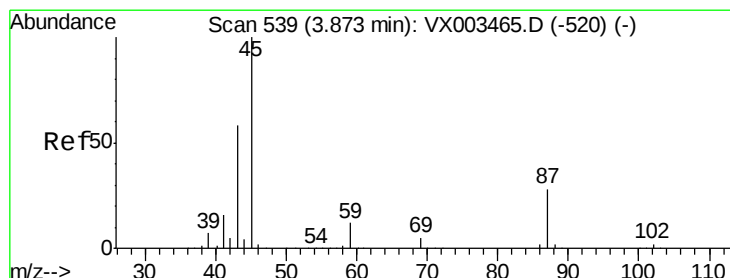
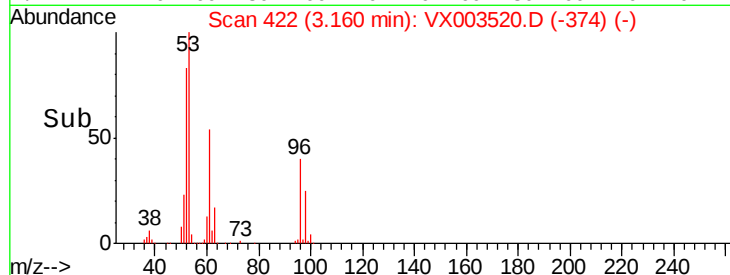
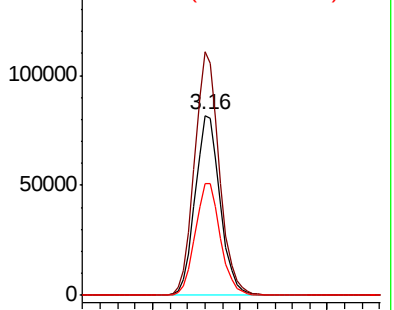


Abundance

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: 52.007 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Tgt Ion: 45 Resp: 516062

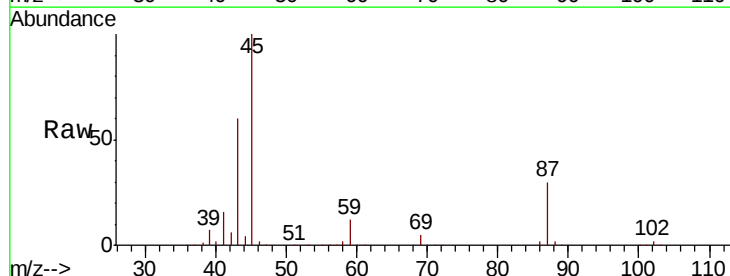
Ion Ratio Lower Upper

45 100

43 59.9 46.8 70.2

87 29.8 20.2 30.4

59 12.1 8.7 13.1



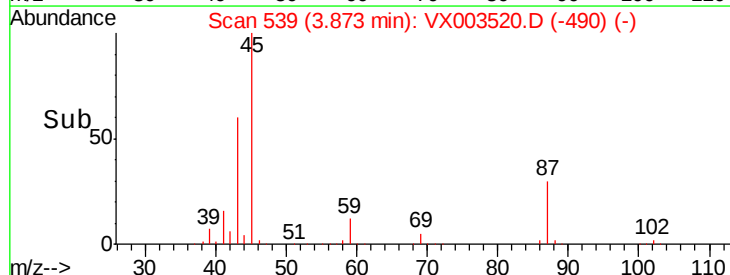
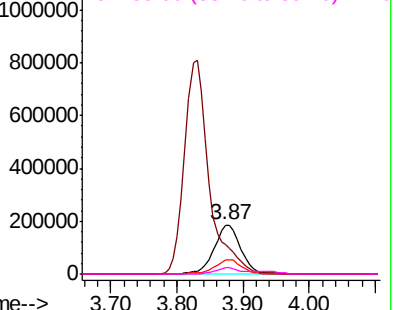
Abundance

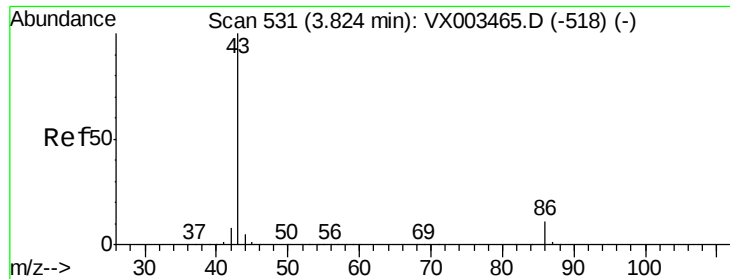
Ion 45.00 (44.70 to 45.70): VX0

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: 259.032 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2117233

Ion Ratio Lower Upper

43 100

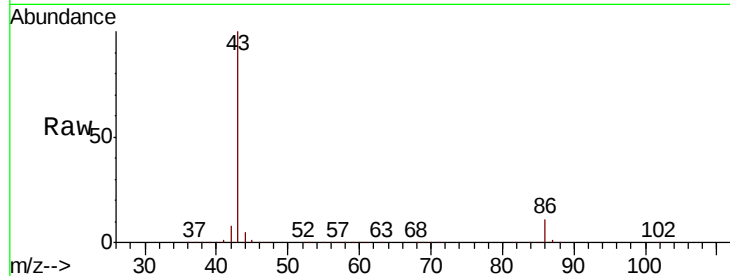
86 11.0 7.4 11.0

Manual Integrations

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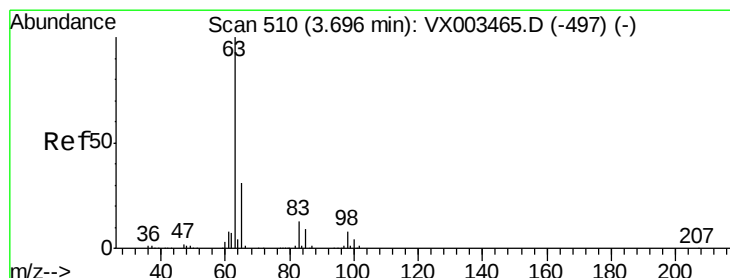
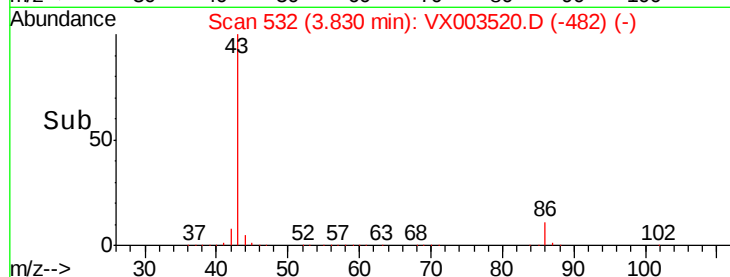
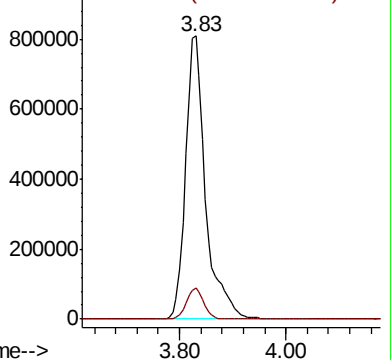
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.891 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

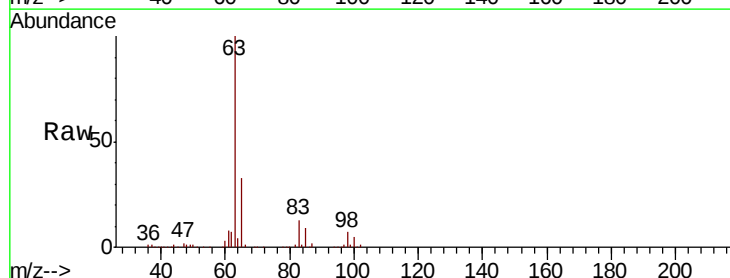
Tgt Ion: 63 Resp: 302106

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

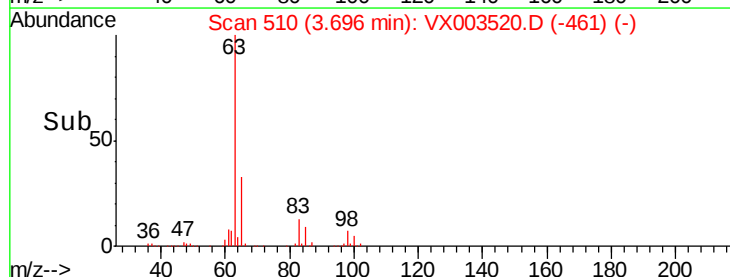
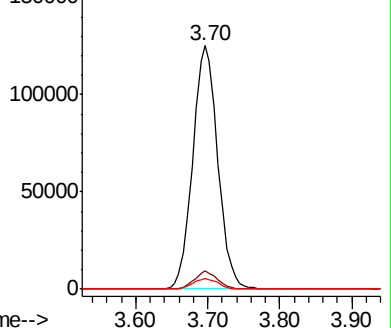
100 4.5 2.0 6.0

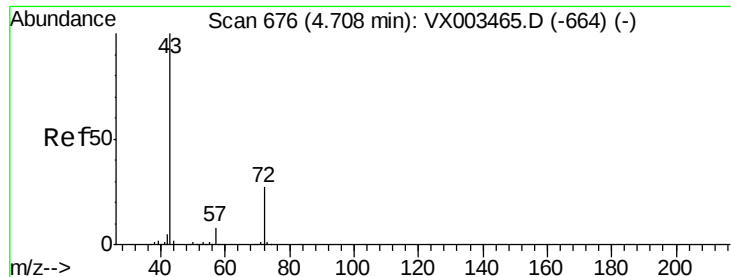


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 273.680 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 598818

Ion Ratio Lower Upper

43 100

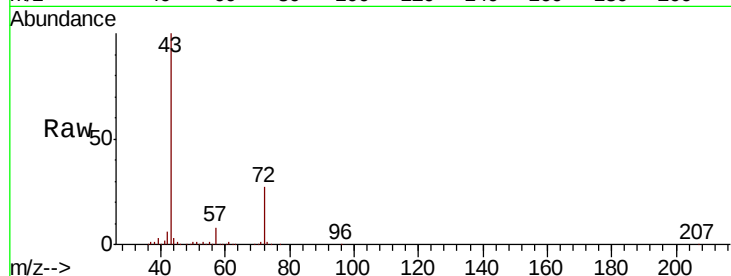
72 27.3 18.5 27.7

Manual Integrations

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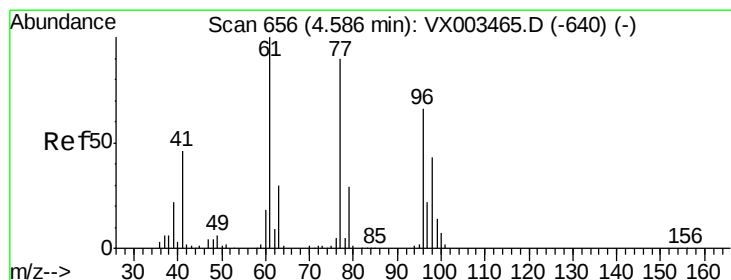
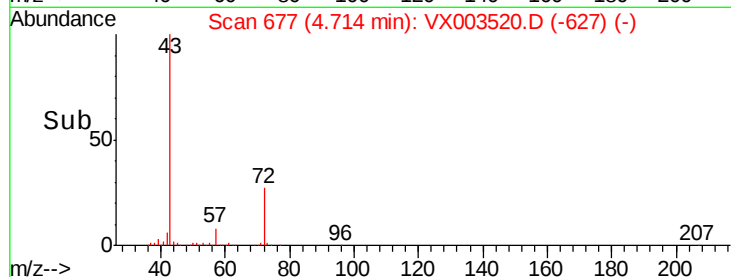
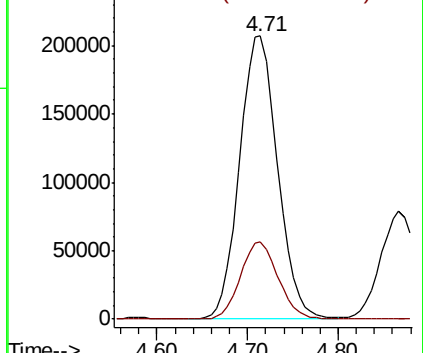
MMDadoda

7/23/2018 12:35:48 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.590 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003520.D

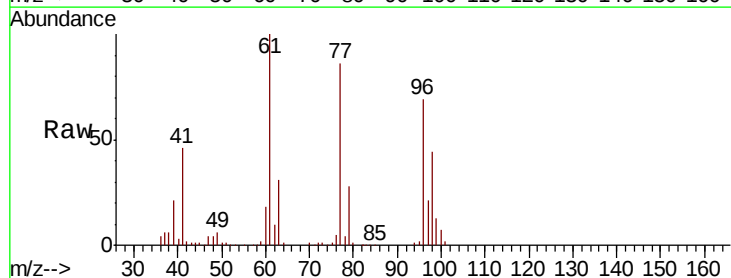
Acq: 20 Jul 2018 20:31

Tgt Ion: 77 Resp: 201589

Ion Ratio Lower Upper

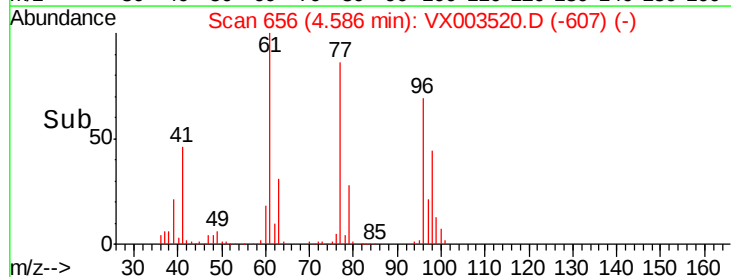
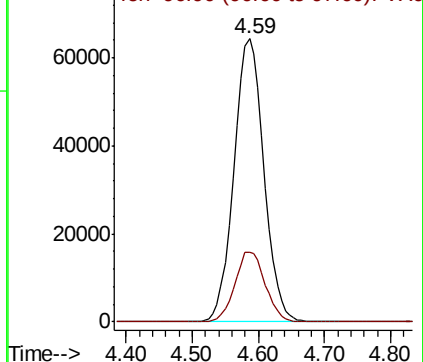
77 100

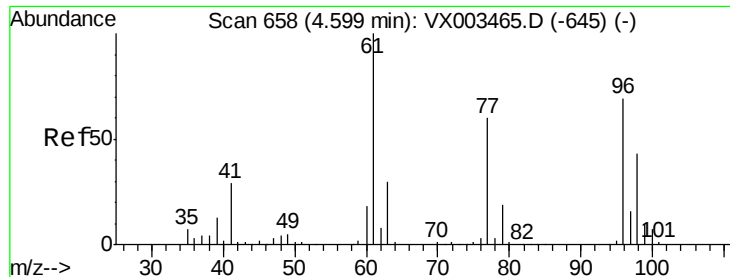
97 25.1 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

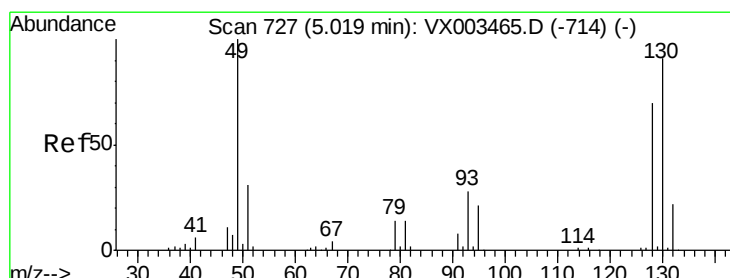
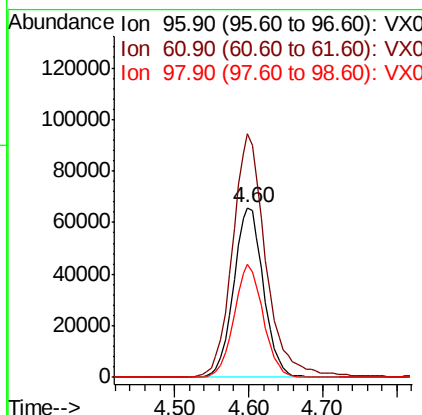
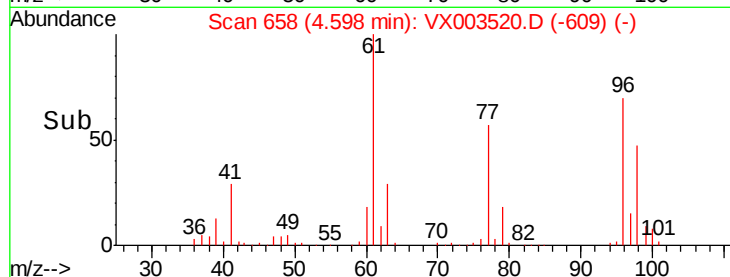
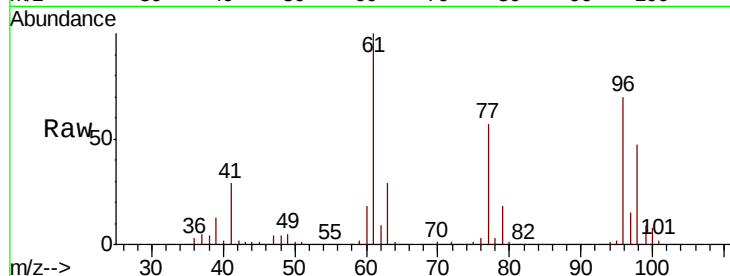
cis-1,2-Dichloroethene
Concen: 49.847 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	183959		
61	161.8	0.0	330.2	
98	65.0	0.0	130.2	

Manual Integrations
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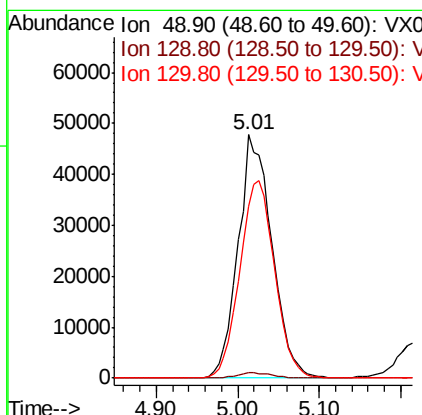
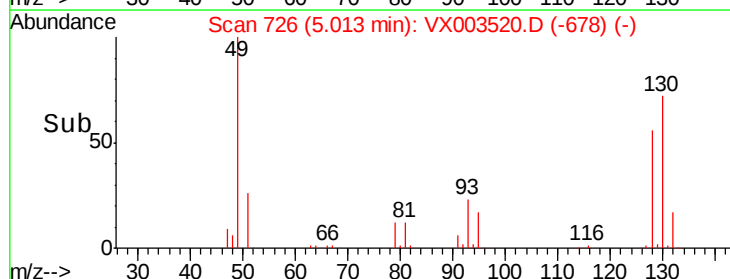
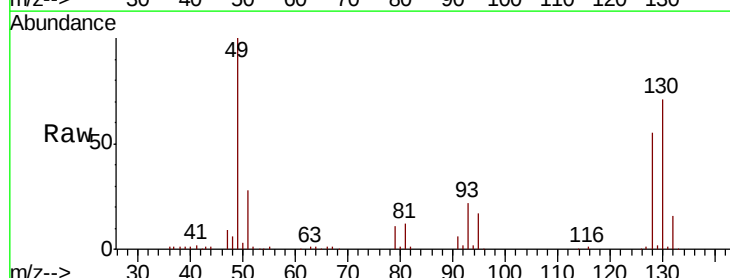
MMDadoda
7/23/2018 12:35:48 PM

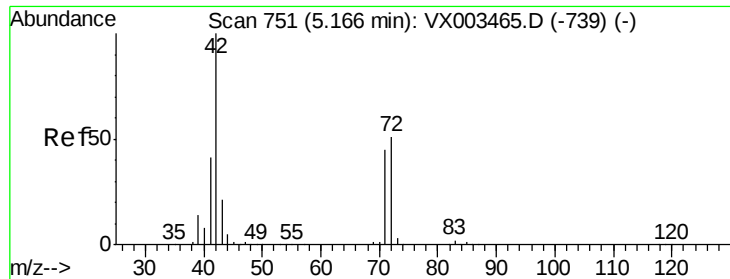


#28

Bromochloromethane
Concen: 53.991 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137393		
129	2.3	0.0	4.2	
130	83.8	61.2	91.8	





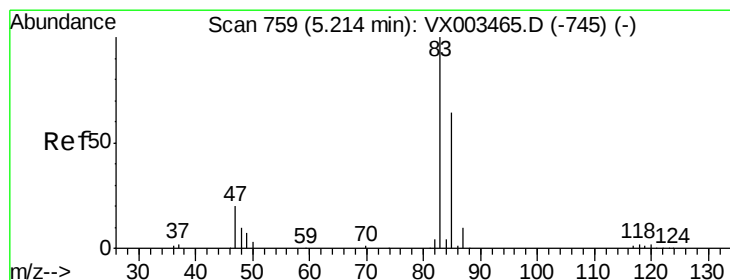
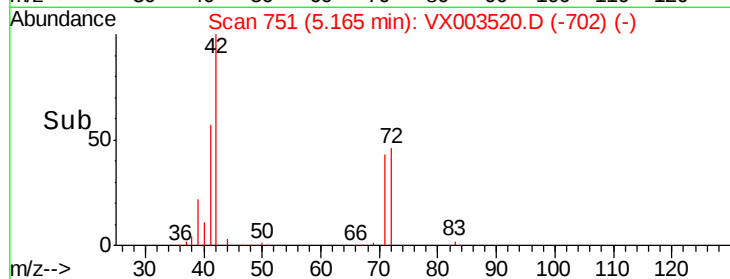
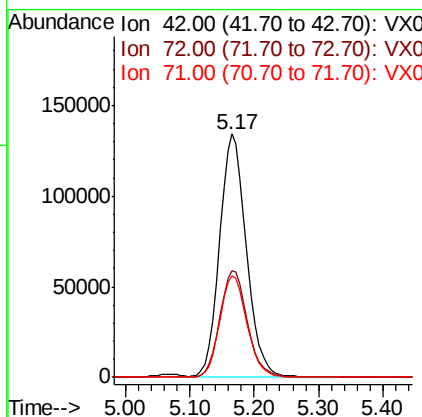
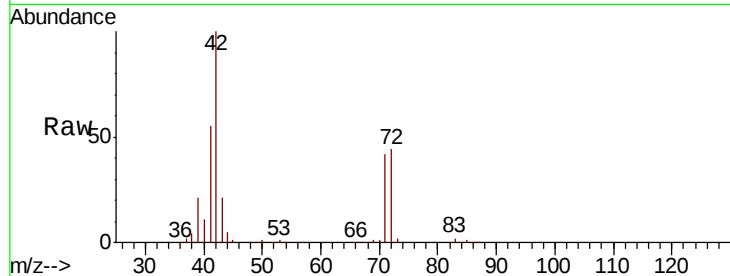
#29
Tetrahydrofuran
Concen: 271.566 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	392516		
72	45.3		32.0	48.0
71	42.4		30.1	45.1

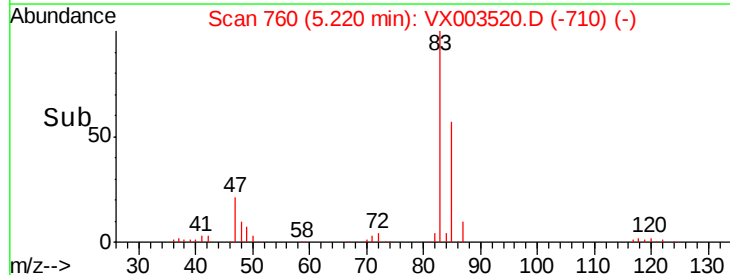
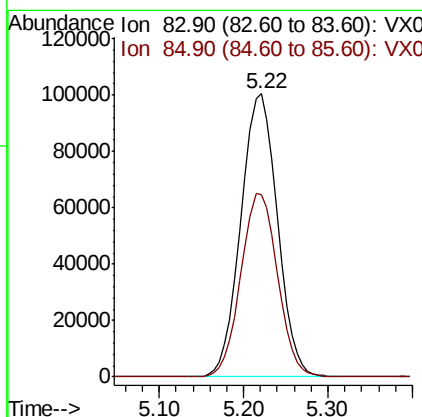
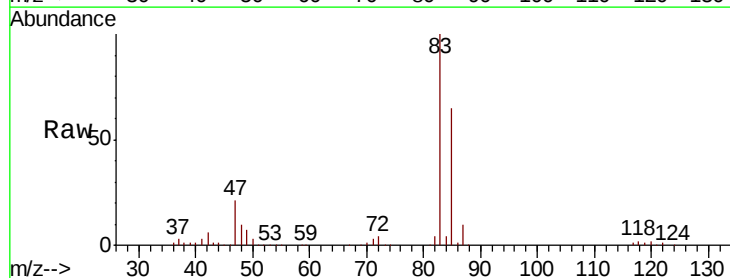
Manual Integrations
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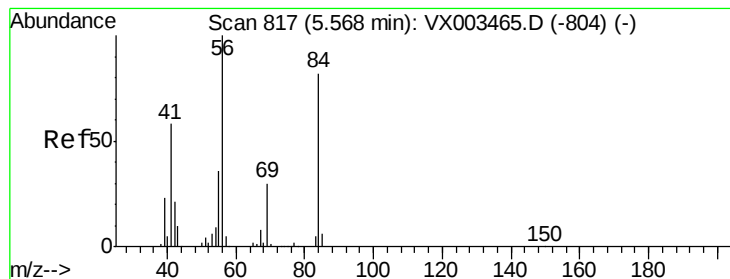
MMDadoda
7/23/2018 12:35:48 PM



#30
Chloroform
Concen: 52.136 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	296394		
85	64.5		50.4	75.6





#31

Cyclohexane

Concen: 50.512 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

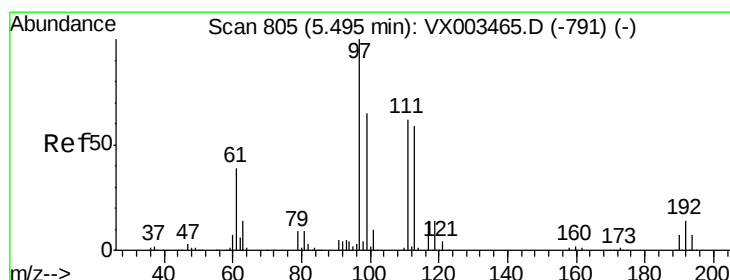
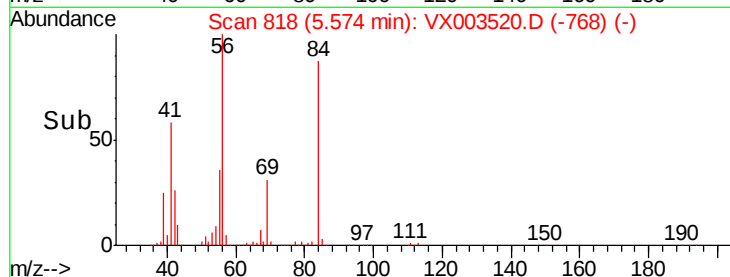
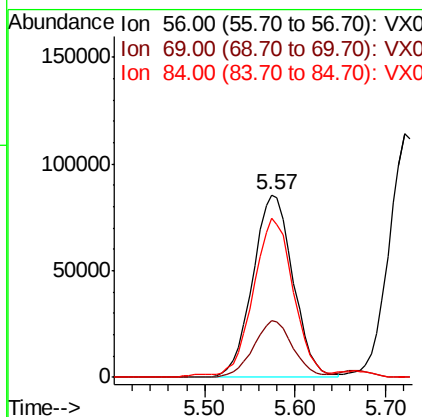
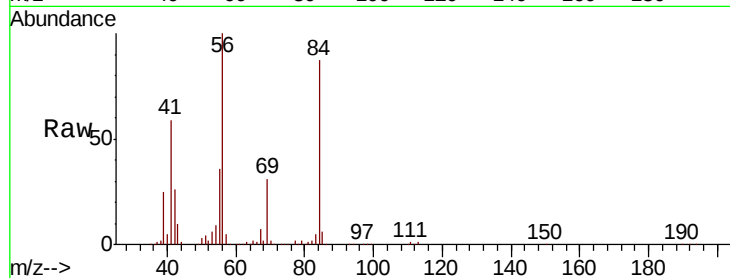
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	262753
Ion	Ratio	Lower	Upper
56	100		
69	31.4	23.7	35.5
84	85.9	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.704 ug/l

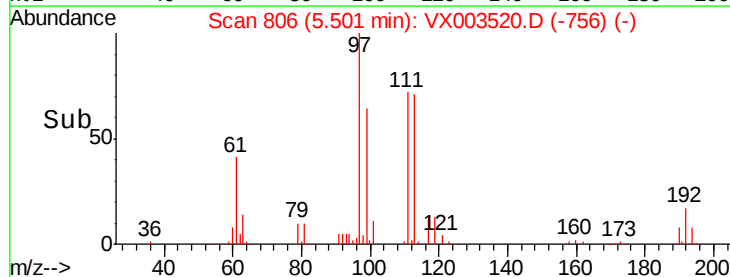
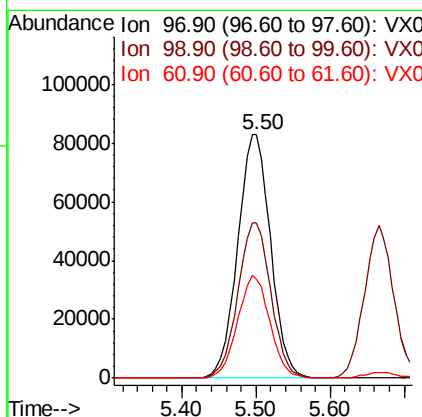
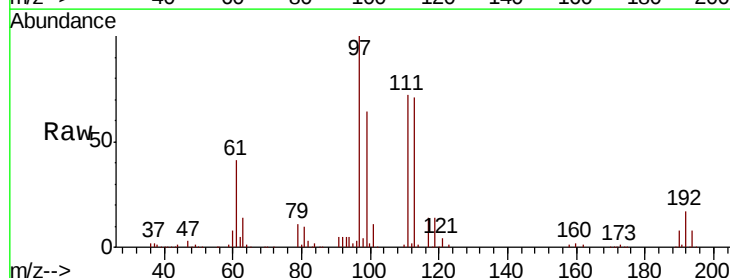
RT: 5.50 min Scan# 806

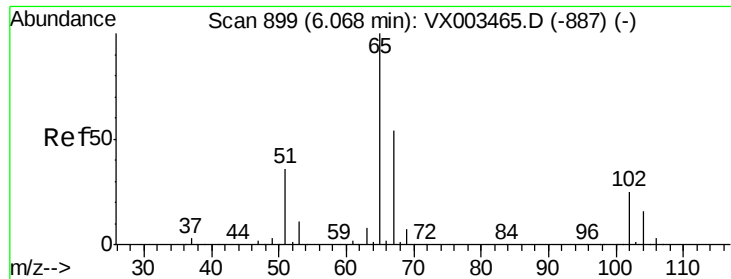
Delta R.T. 0.01 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Tgt Ion:	97	Resp:	256580
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	41.6	36.4	54.6





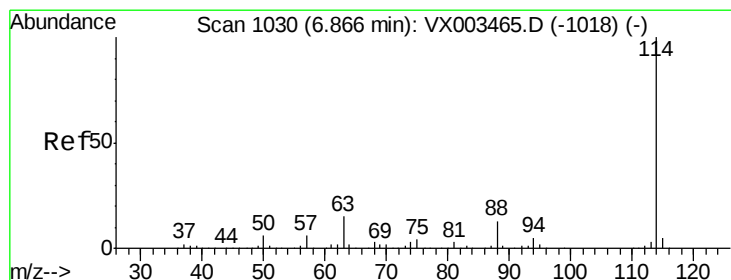
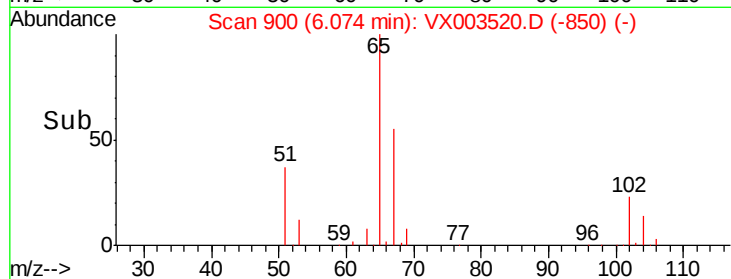
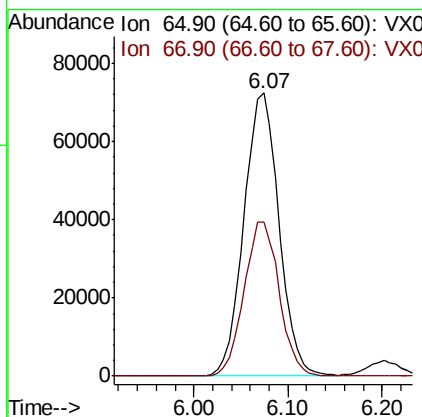
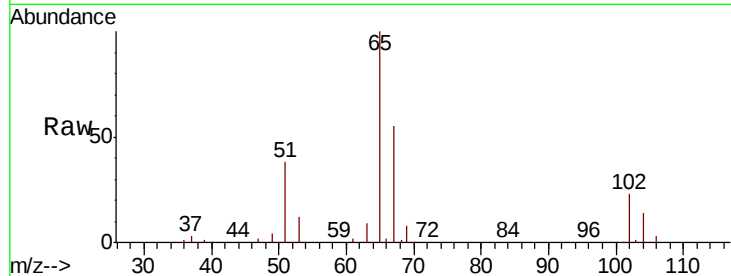
#33
 1,2-Dichloroethane-d4
 Concen: 54.557 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 188355
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 102.6

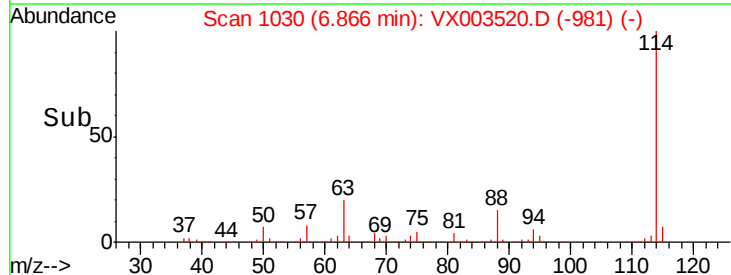
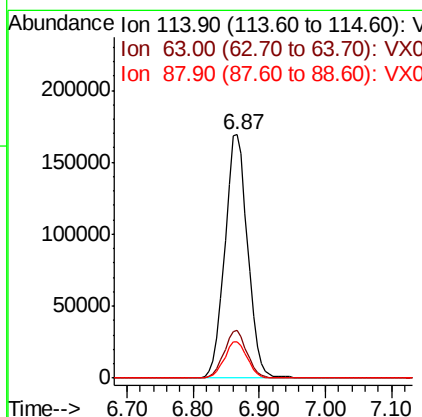
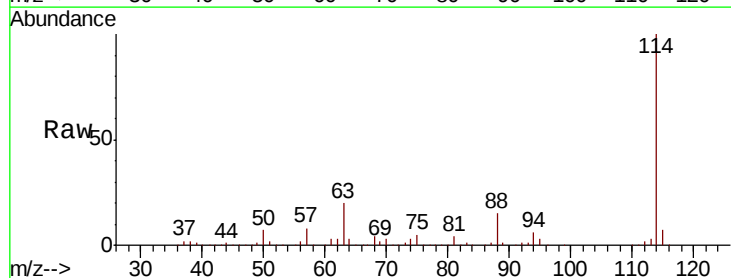
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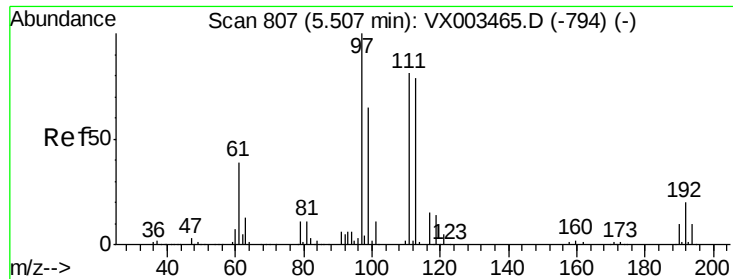
MMDadoda
 7/23/2018 12:35:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion: 114 Resp: 404010
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.0 0.0 30.0





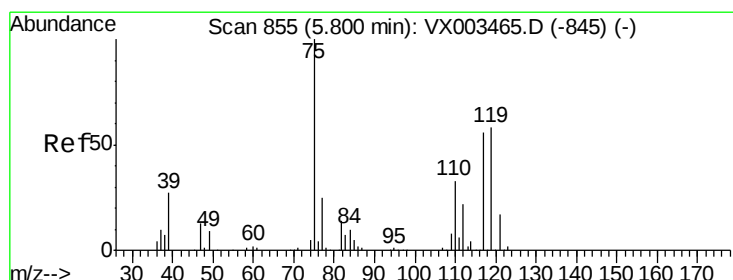
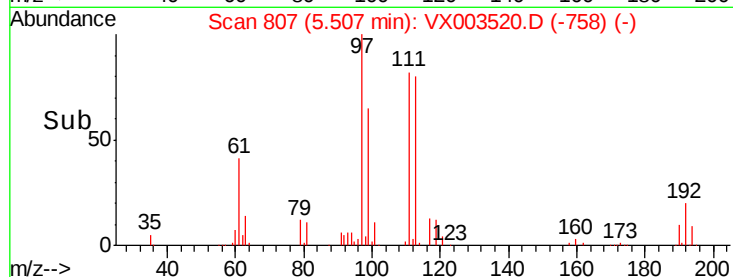
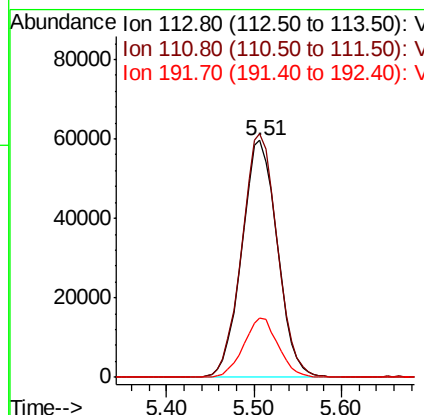
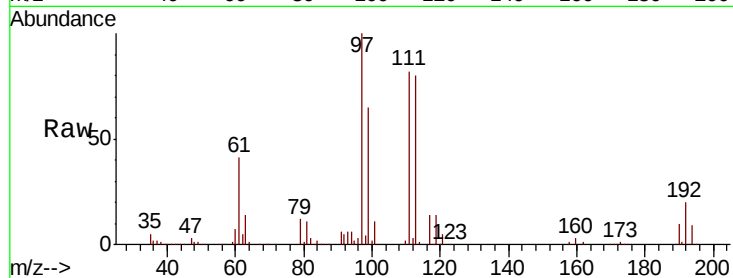
#35
 Dibromofluoromethane
 Concen: 54.803 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	168640		
111	102.7	81.4	122.0	
192	24.4	19.1	28.7	

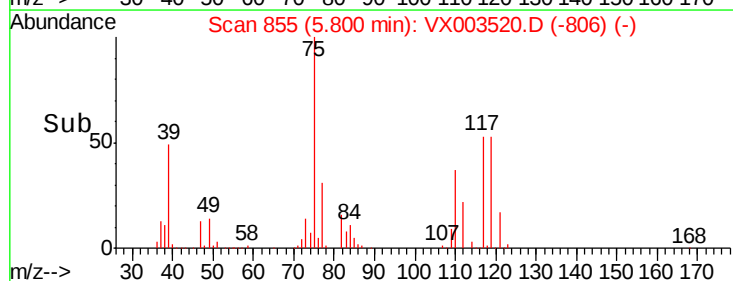
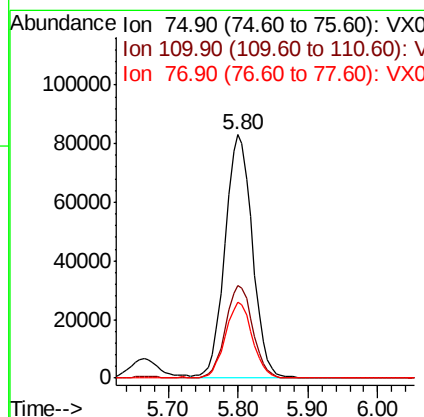
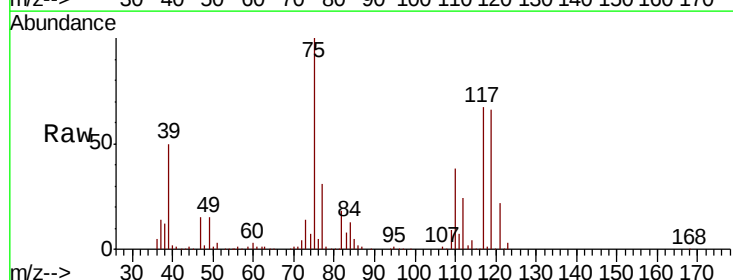
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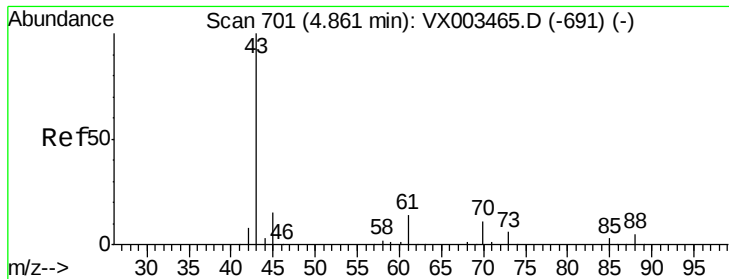
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 7/23/2018 12:35:48 PM



#36
 1,1-Dichloropropene
 Concen: 51.506 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	224667		
110	38.0	18.1	54.4	
77	30.6	24.3	36.5	





#37

Ethyl Acetate

Concen: 54.992 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.01 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

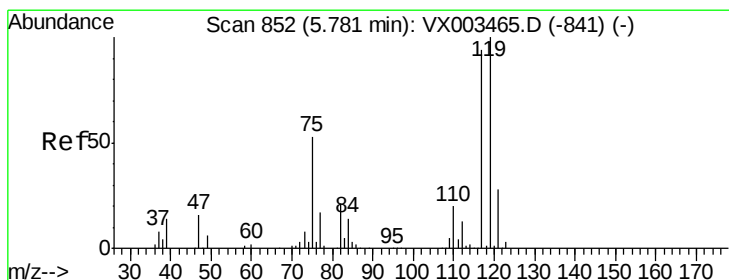
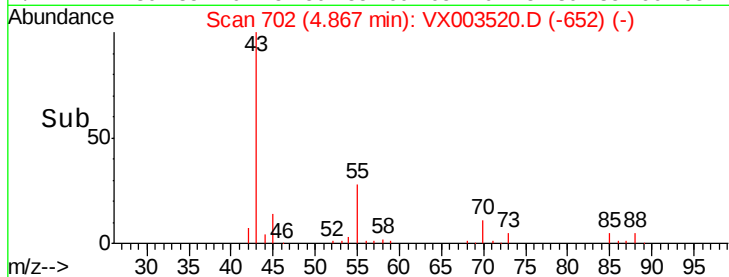
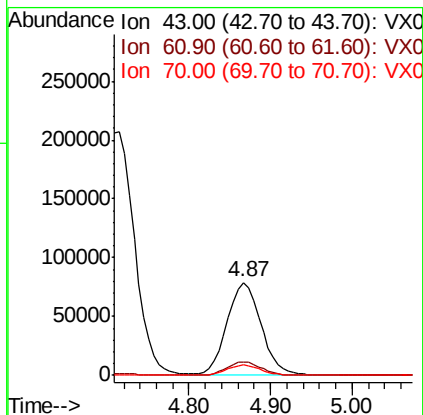
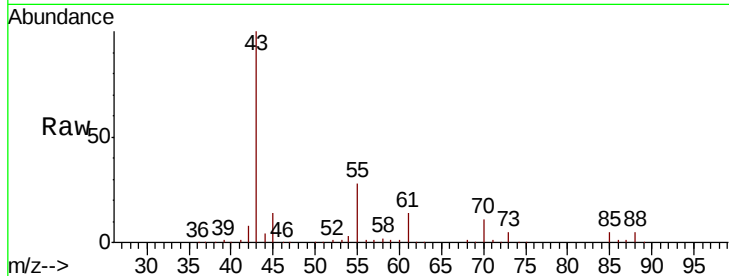
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	226986
Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.4	15.6
70	11.2	7.6	11.4

Manual Integrations
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7/23/2018 12:35:48 PM



#38

Carbon Tetrachloride

Concen: 53.245 ug/l

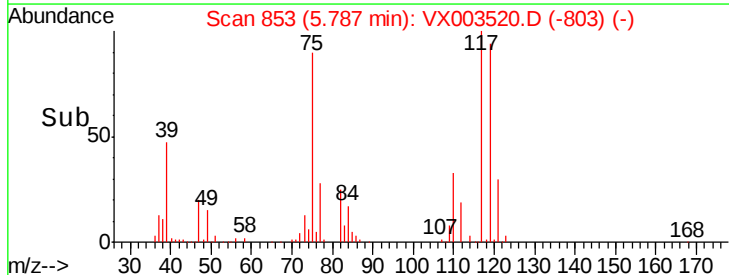
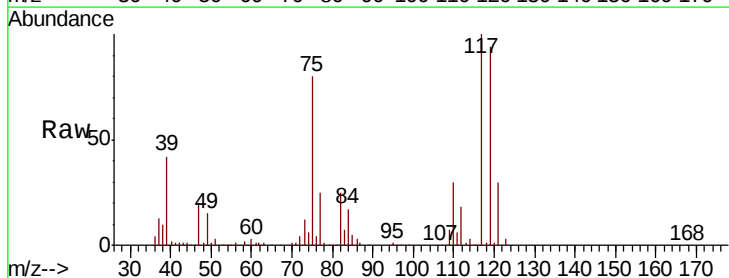
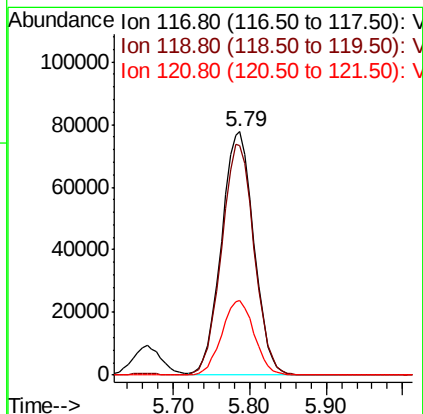
RT: 5.79 min Scan# 853

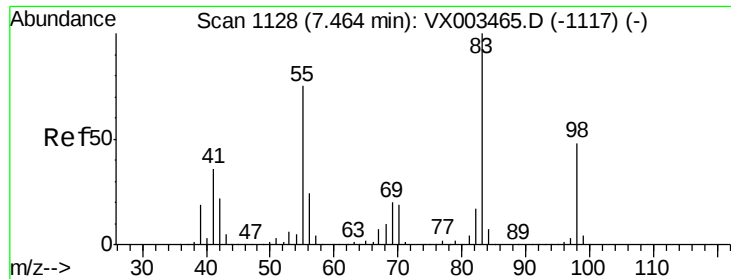
Delta R.T. 0.01 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Tgt Ion:	117	Resp:	227813
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.4	116.0
121	30.5	24.4	36.6





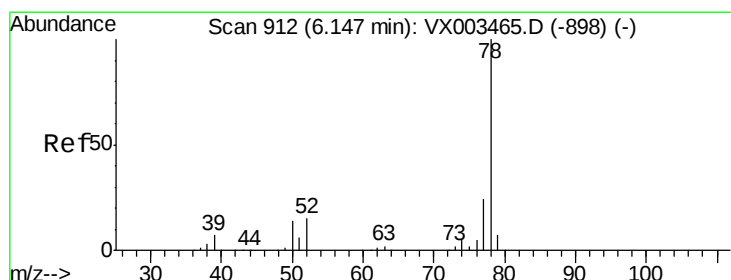
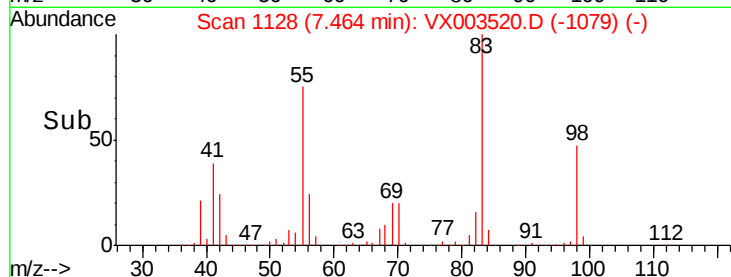
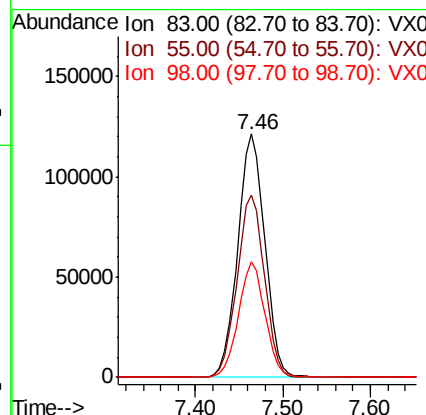
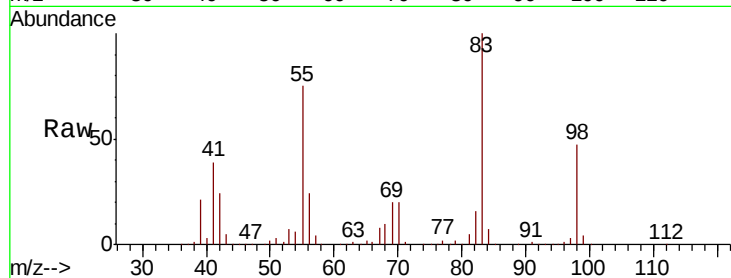
#39
Methylcyclohexane
Concen: 50.649 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	261670		
55	74.9	65.4	98.0	
98	47.5	37.4	56.0	

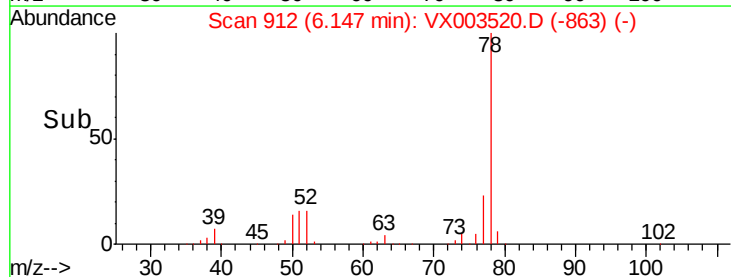
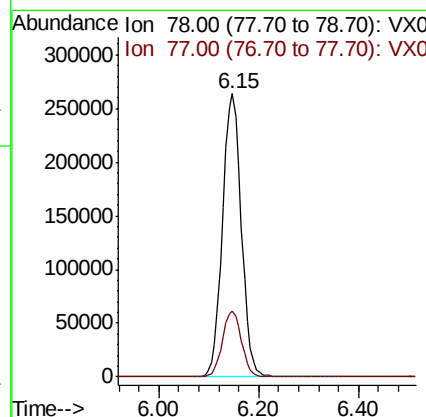
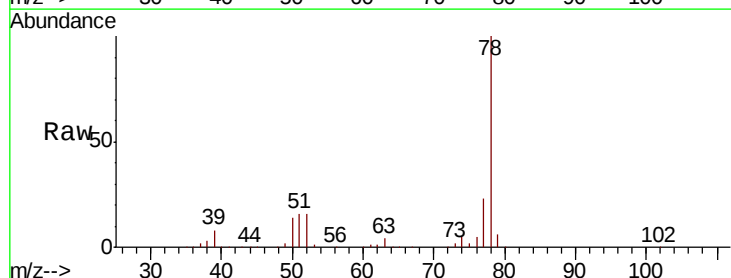
Manual Integrations
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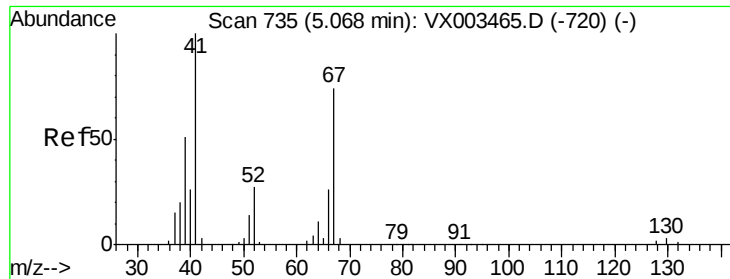
MMDadoda
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#40
Benzene
Concen: 52.470 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	691015		
77	23.1	19.1	28.7	





#41

Methacrylonitrile

Concen: 53.105 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 128828
Ion Ratio Lower Upper

41 100

39 52.6 45.8 68.6

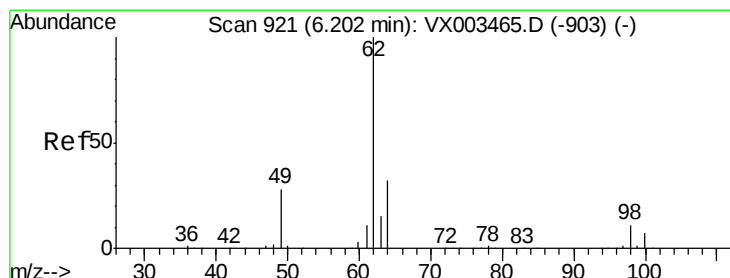
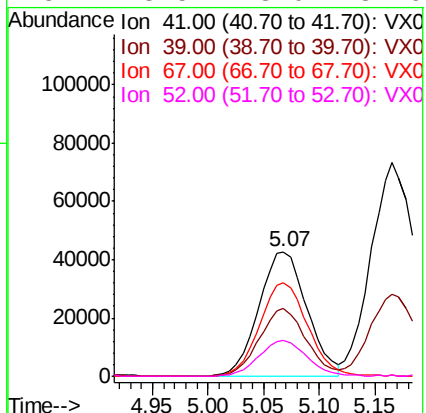
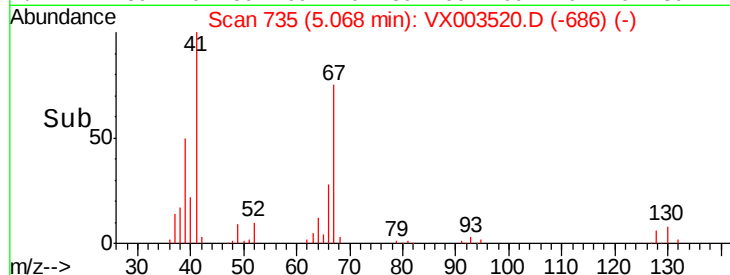
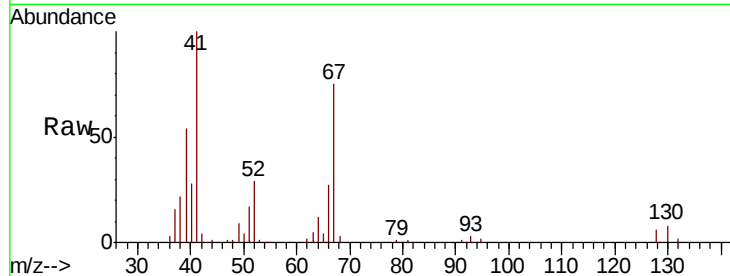
67 75.2 51.3 76.9

52 28.5 23.0 34.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.960 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

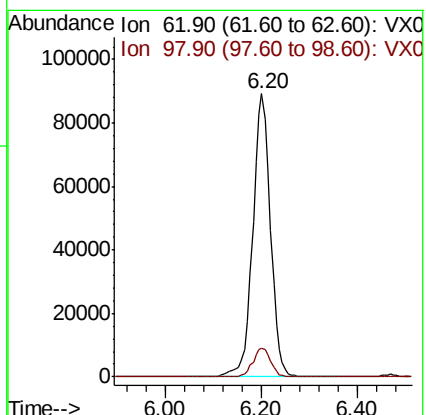
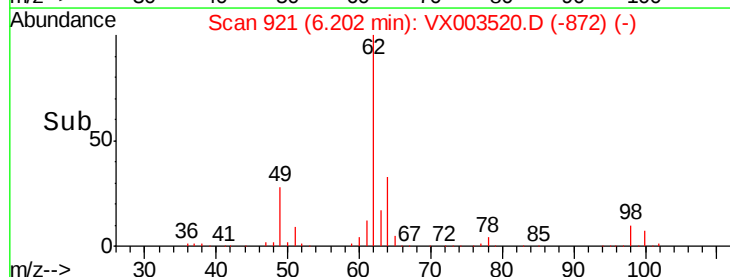
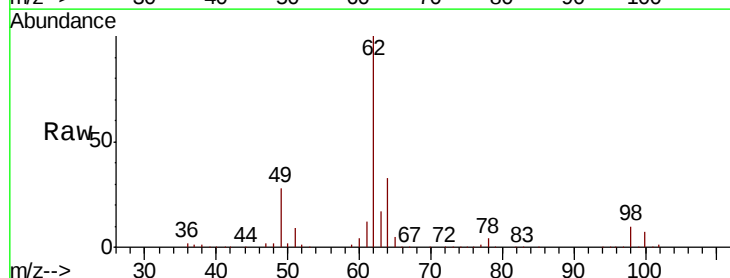
Lab File: VX003520.D

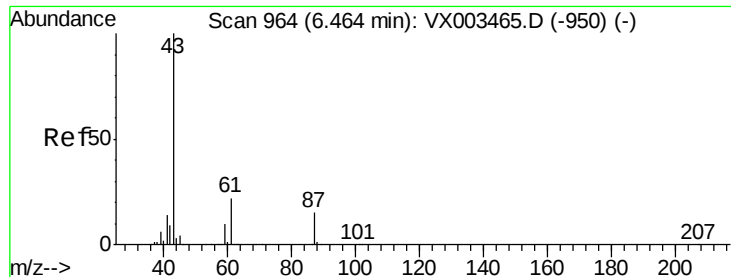
Acq: 20 Jul 2018 20:31

Tgt Ion: 62 Resp: 228056
Ion Ratio Lower Upper

62 100

98 10.1 0.0 16.6





#43

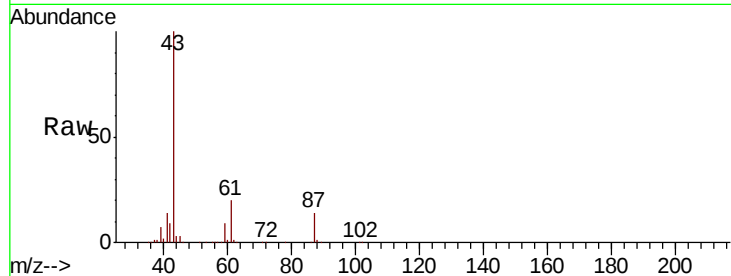
Isopropyl Acetate
 Concen: 56.432 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

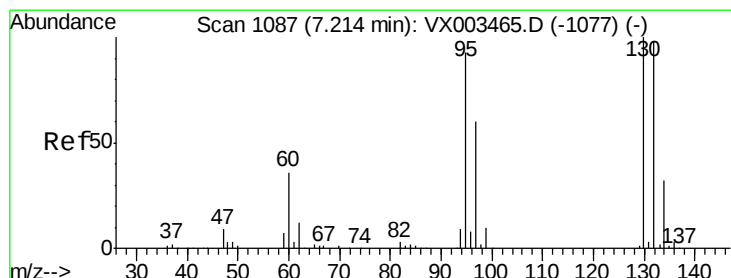
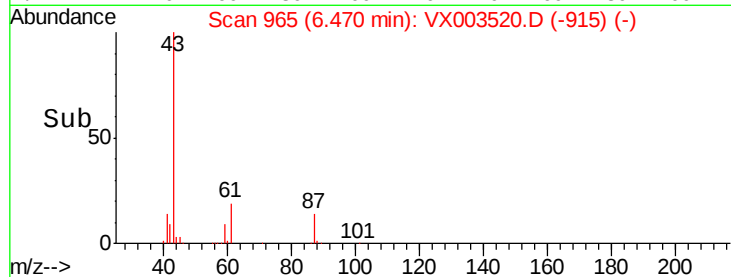
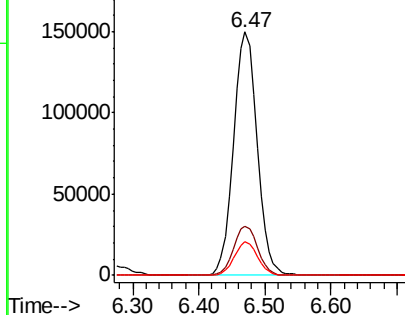
Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.6	14.4	21.6
87	13.7	9.5	14.3

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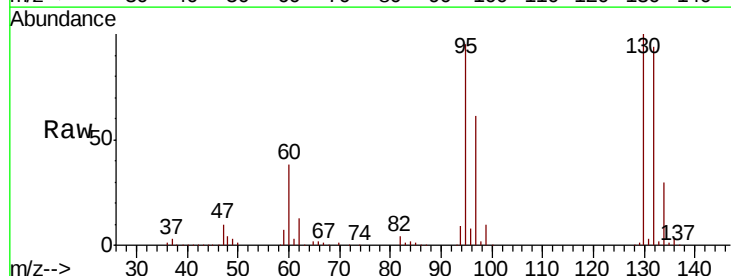
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



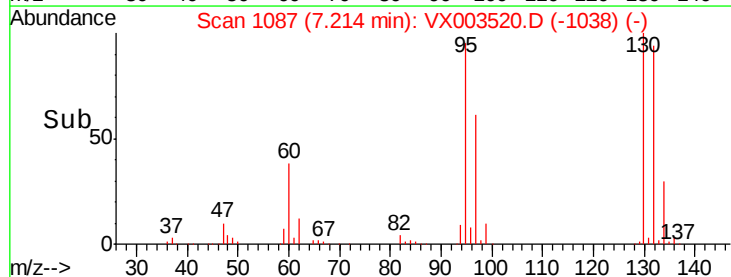
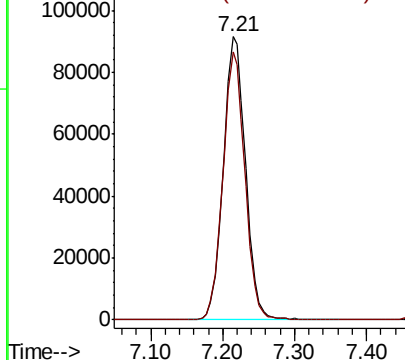
#44

Trichloroethene
 Concen: 50.047 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.643 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 179387

Ion Ratio Lower Upper

63 100

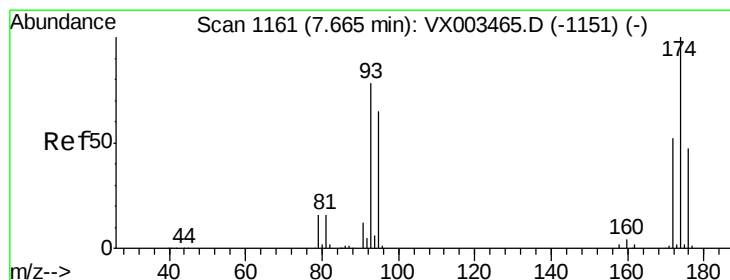
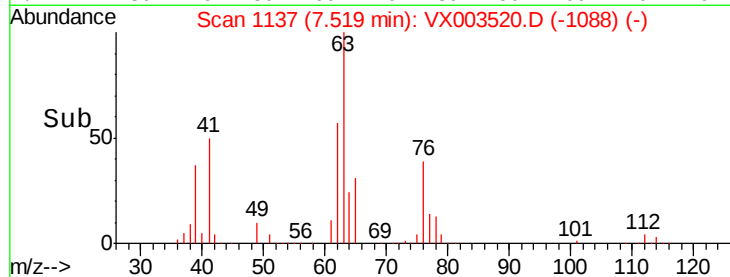
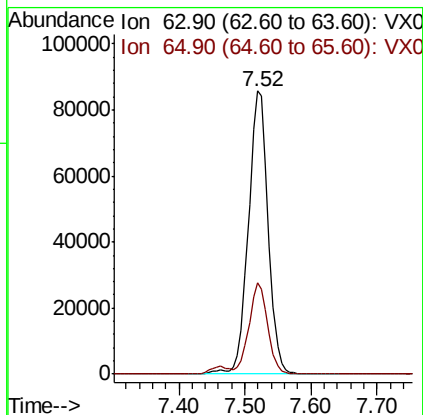
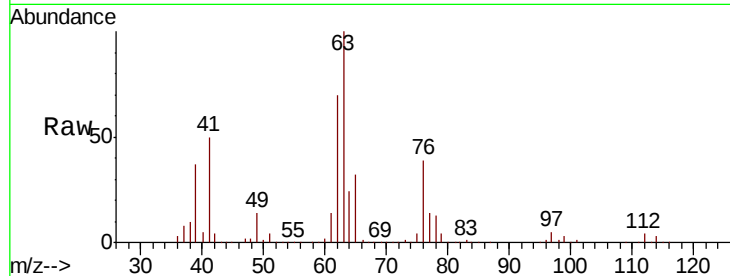
65 32.2 24.7 37.1

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#46

Dibromomethane

Concen: 53.742 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

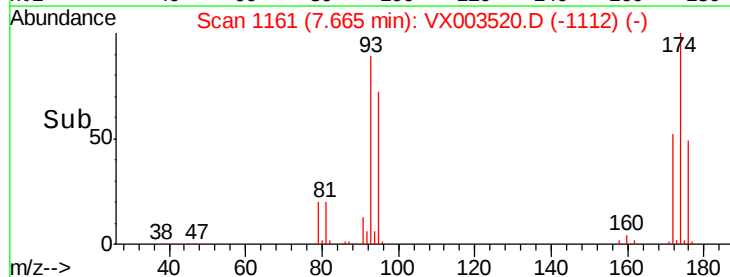
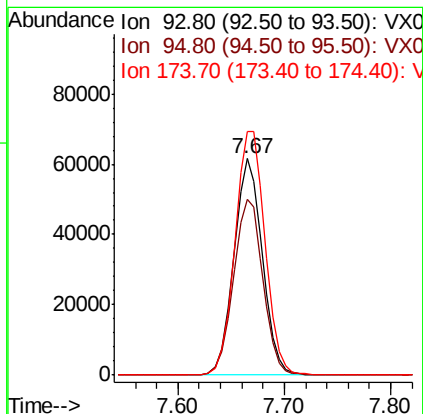
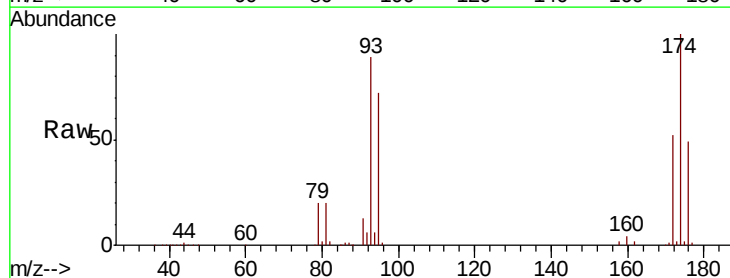
Tgt Ion: 93 Resp: 115701

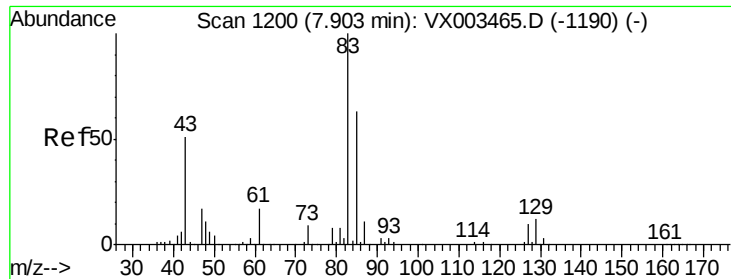
Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

174 119.0 92.4 138.6





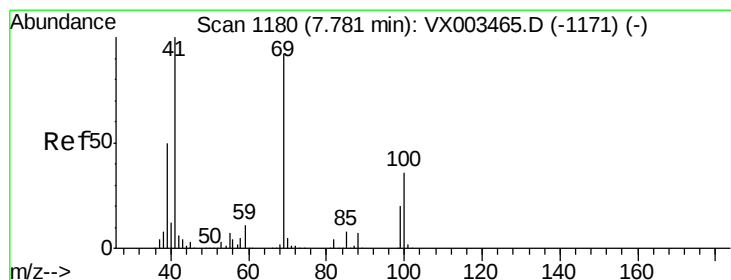
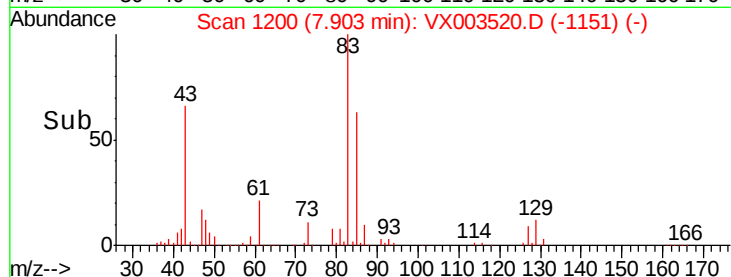
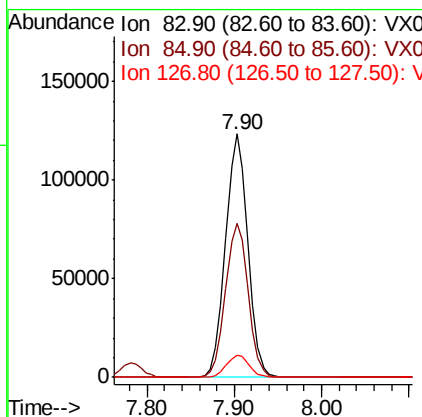
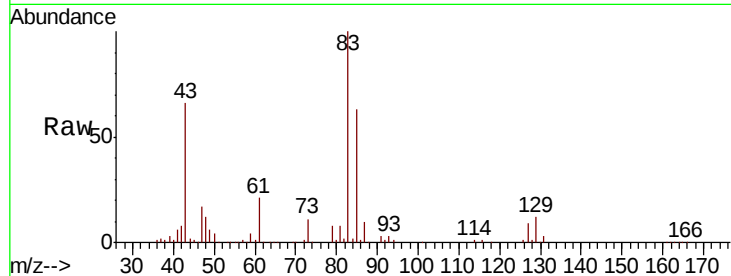
#47
Bromodichloromethane
Concen: 55.450 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	218545		
85	63.5	50.3	75.5	
127	9.3	7.0	10.4	

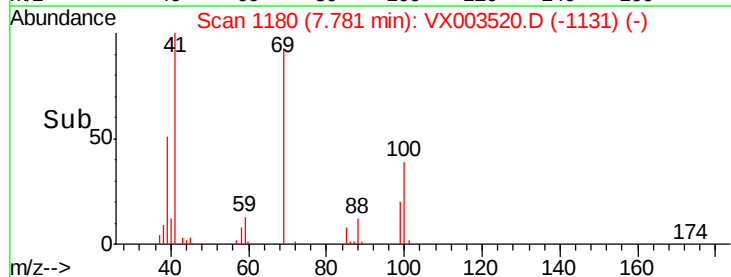
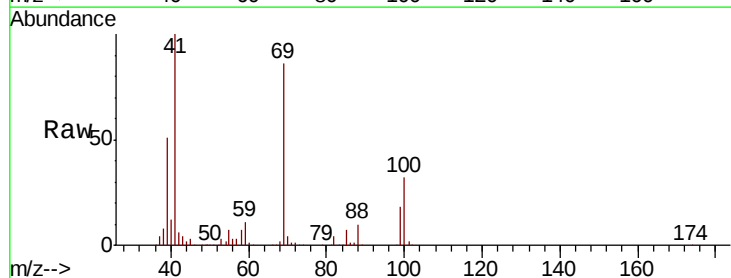
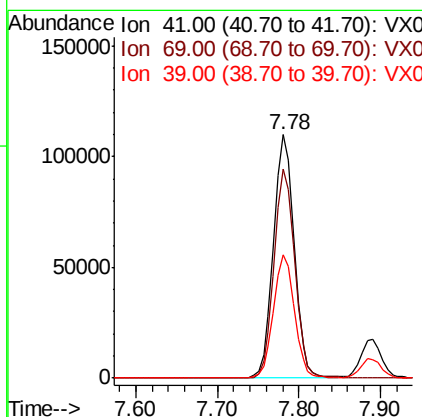
Manual Integrations
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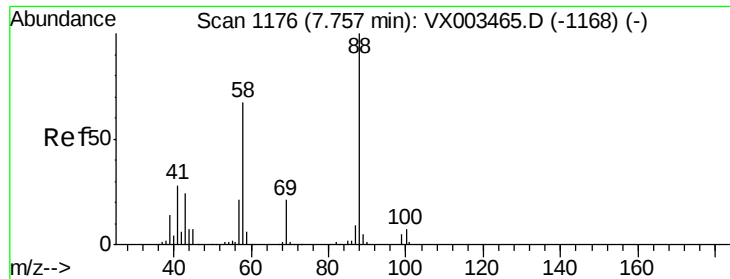
MMDadoda
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#48
Methyl methacrylate
Concen: 58.267 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	192931		
69	85.9	59.1	88.7	
39	51.0	48.9	73.3	





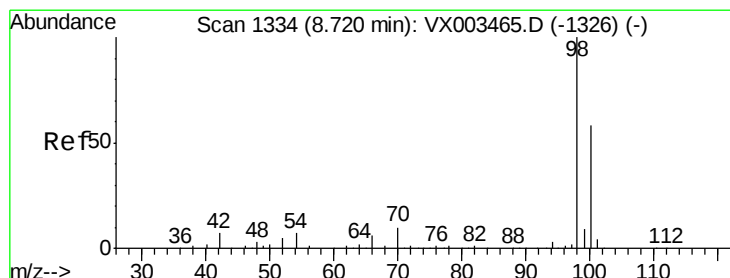
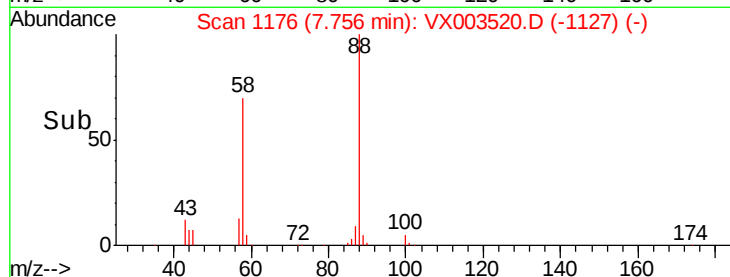
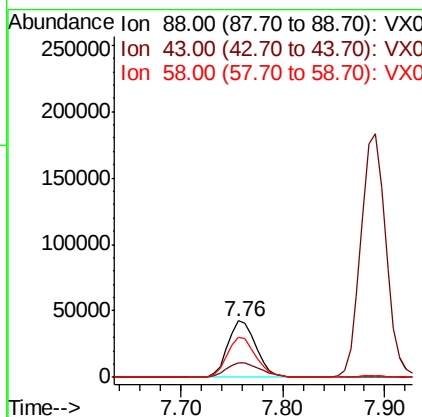
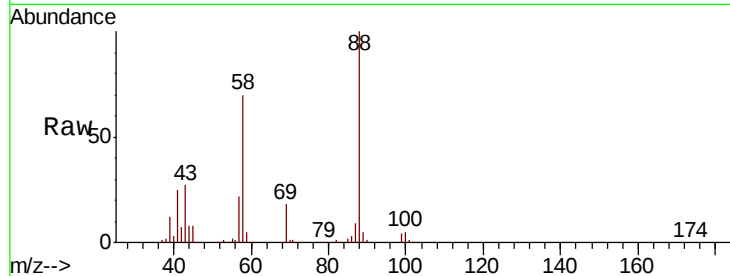
#49
1,4-Dioxane
Concen: 1089.686 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	31.9	29.8	44.6
58	71.4	57.1	85.7

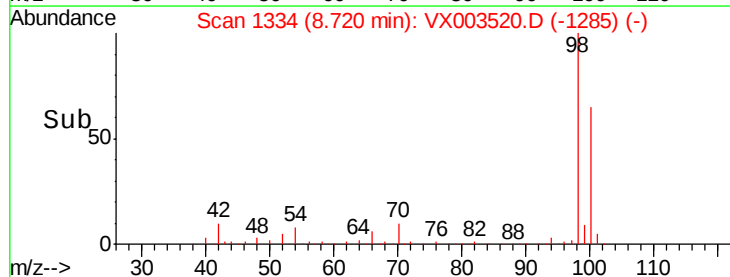
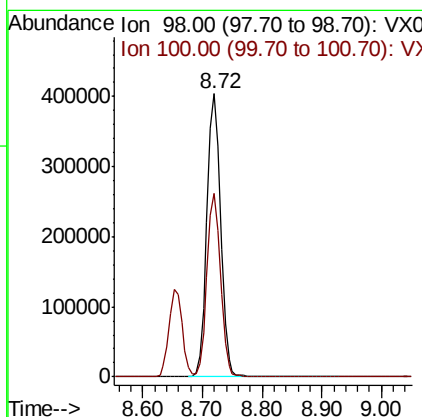
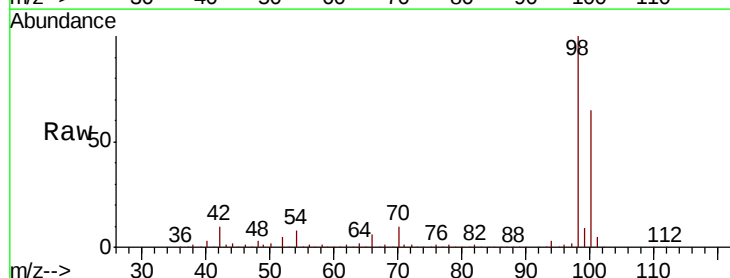
Manual Integrations
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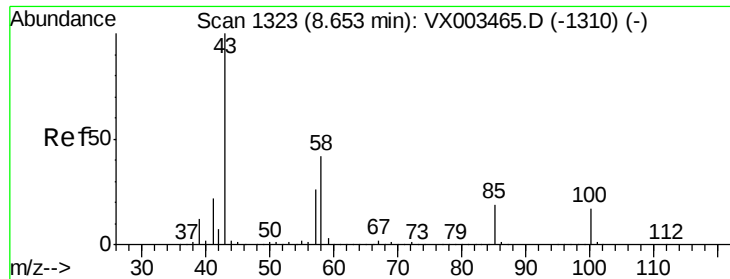
MMDadoda
7/23/2018 12:35:48 PM



#50
Toluene-d8
Concen: 55.292 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 296.077 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1228144

Ion Ratio Lower Upper

43 100

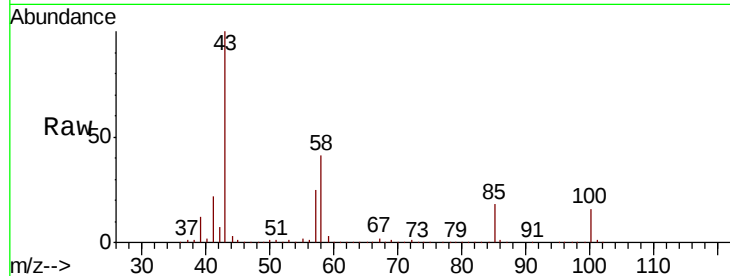
58 40.3 28.6 42.8

Manual Integrations

APPROVED

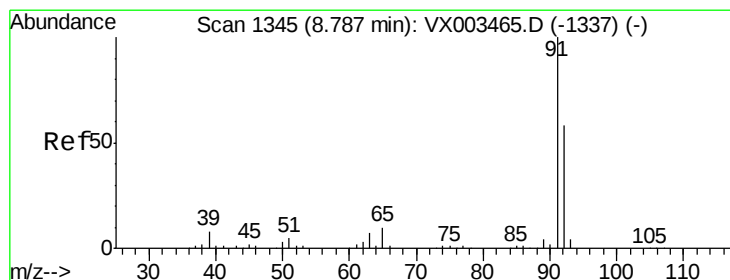
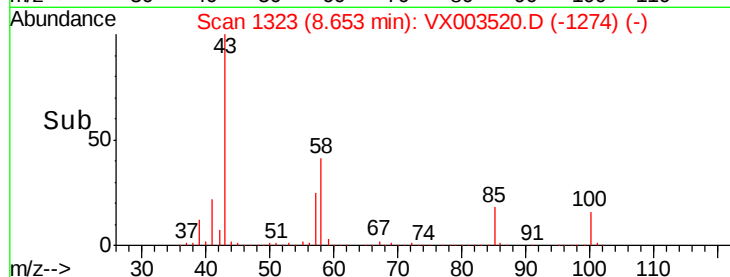
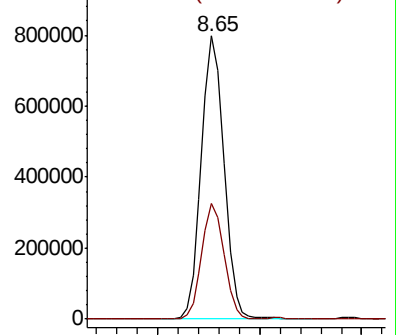
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.442 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003520.D

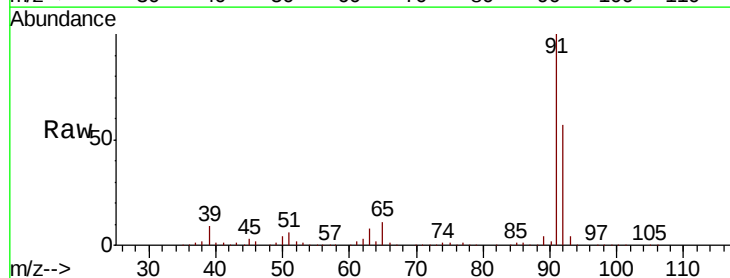
Acq: 20 Jul 2018 20:31

Tgt Ion: 92 Resp: 434736

Ion Ratio Lower Upper

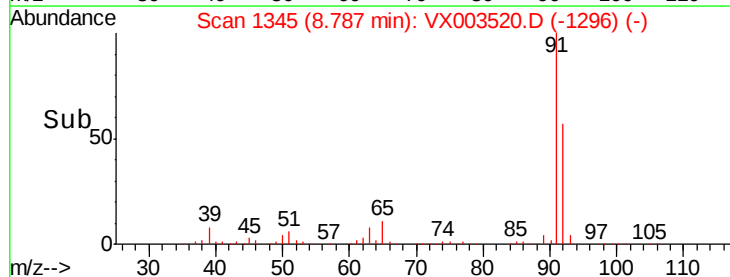
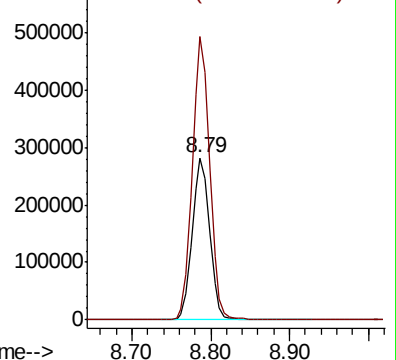
92 100

91 174.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





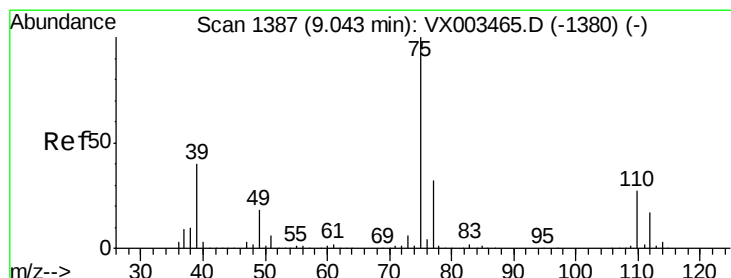
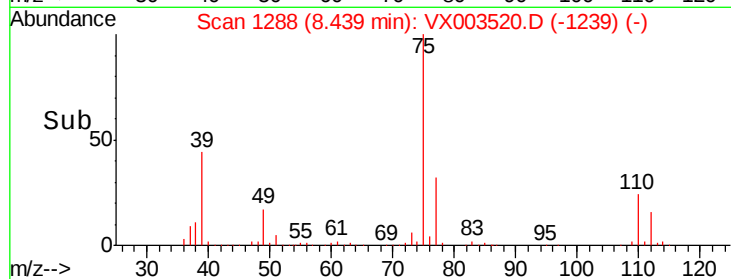
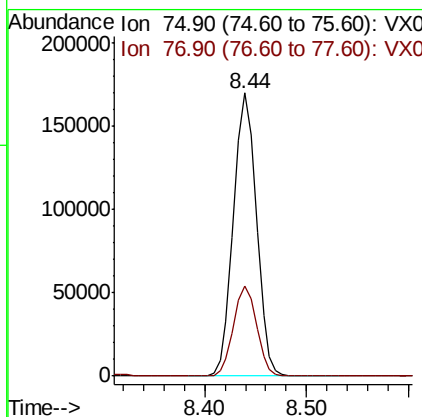
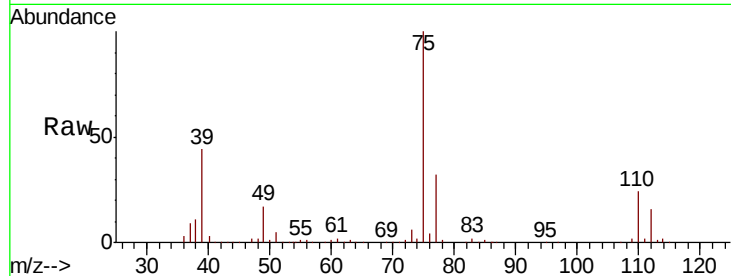
#53
t-1,3-Dichloropropene
Concen: 54.654 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 265132
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

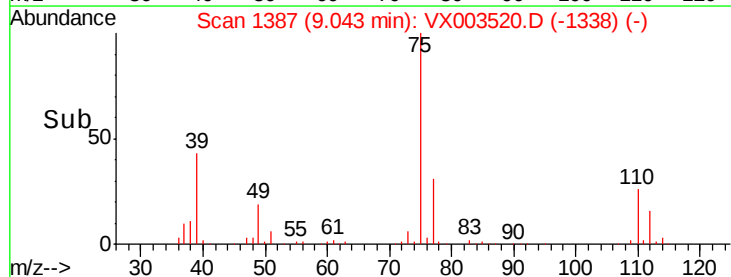
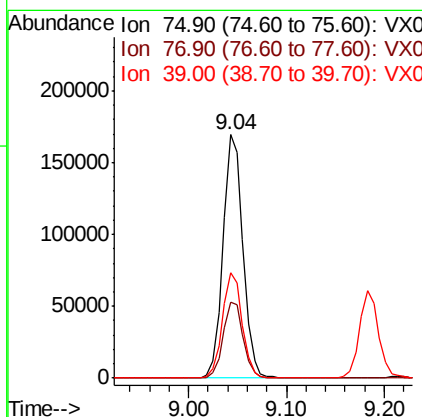
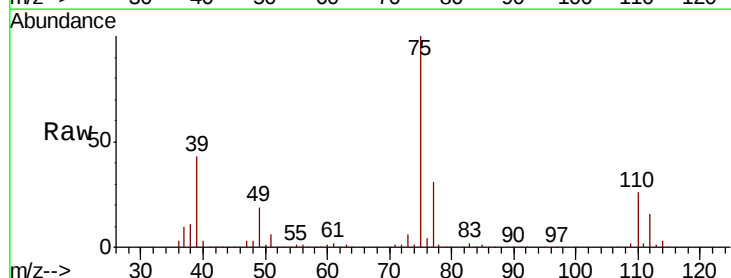
Manual Integrations
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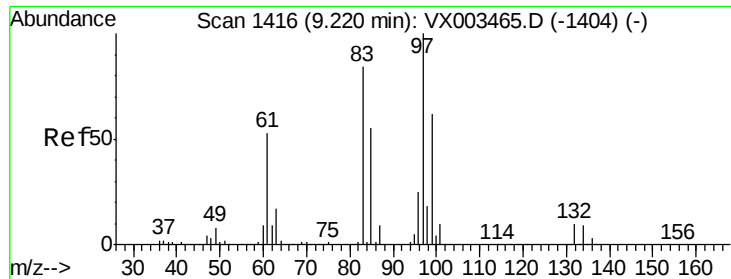
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 54.522 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 75 Resp: 237858
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 43.2 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 53.394 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

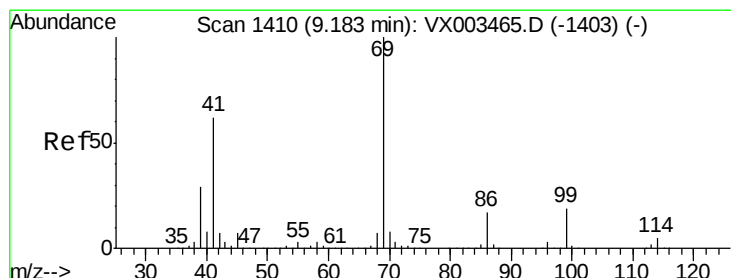
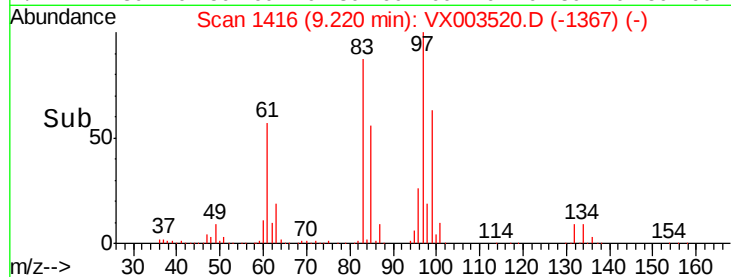
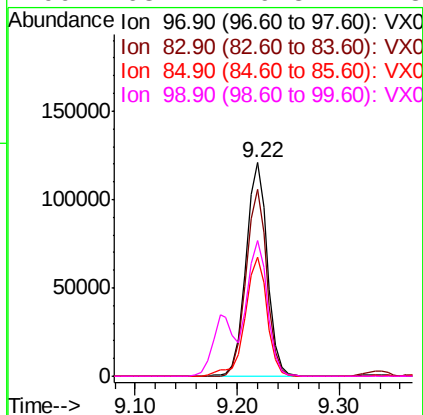
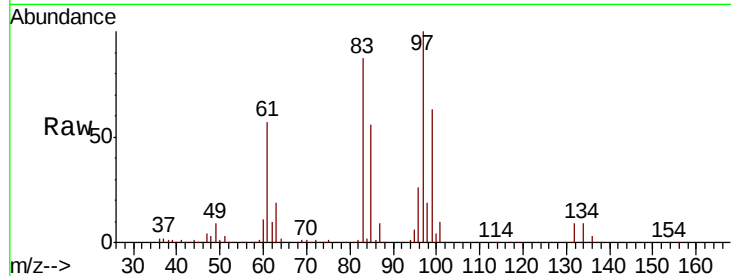
ClientSampleId :

VSTDCCC050

Tgt Ion:	97	Resp:	176130
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.2	105.2
85	55.7	44.9	67.3
99	63.4	49.8	74.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 56.554 ug/l

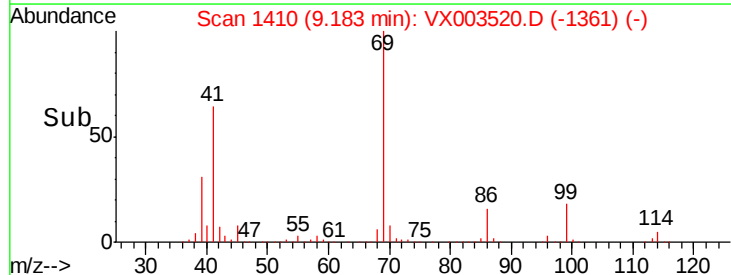
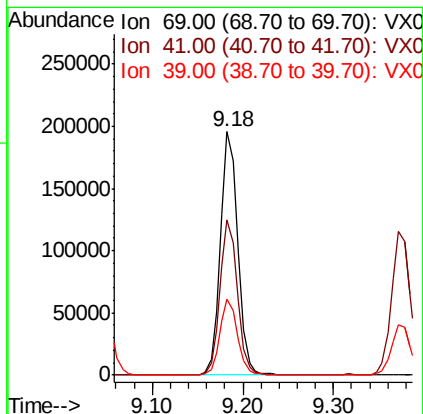
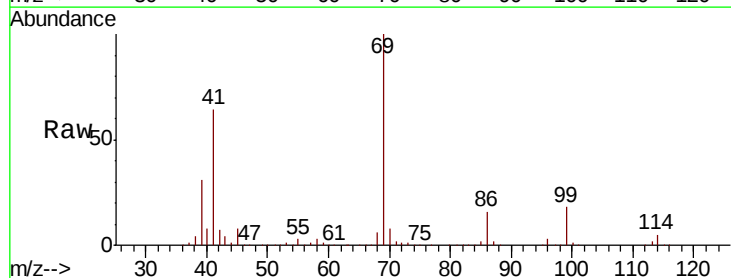
RT: 9.18 min Scan# 1410

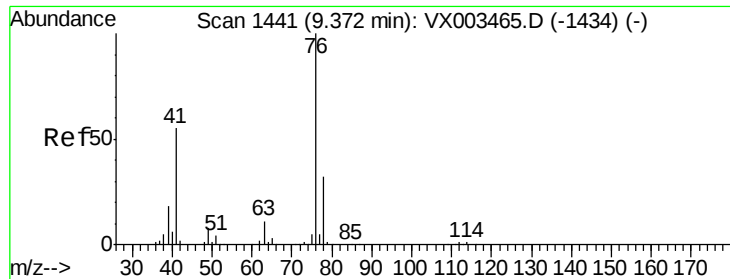
Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Tgt Ion:	69	Resp:	262766
Ion	Ratio	Lower	Upper
69	100		
41	63.8	60.3	90.5
39	31.5	35.8	53.8#





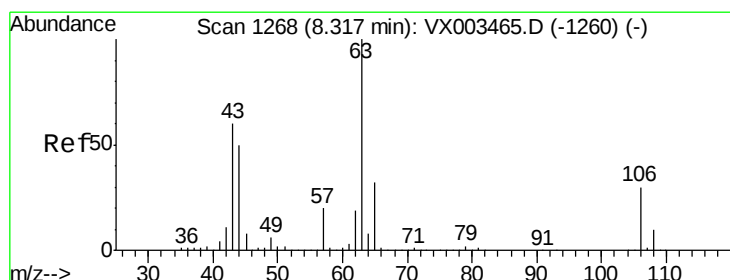
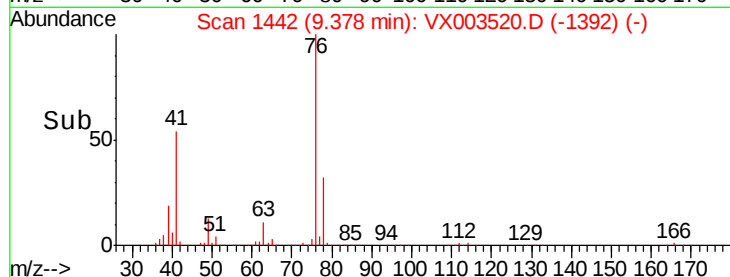
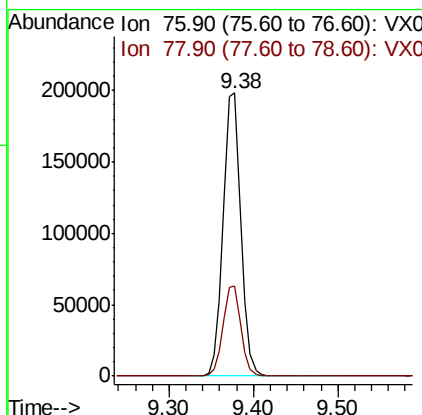
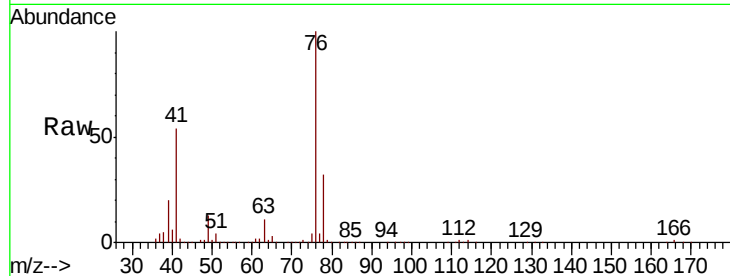
#57
 1,3-Dichloropropane
 Concen: 54.381 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 289969
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

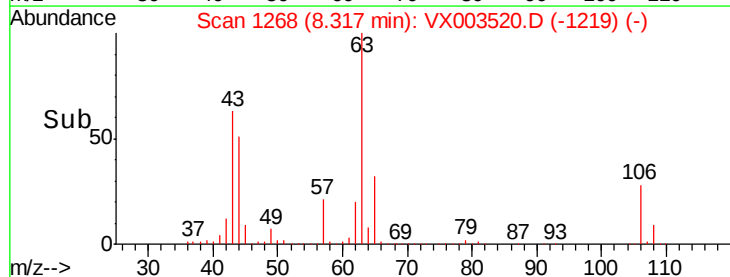
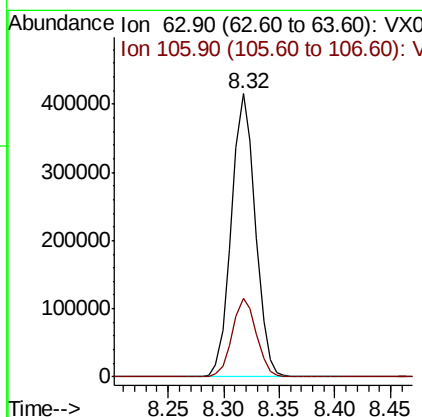
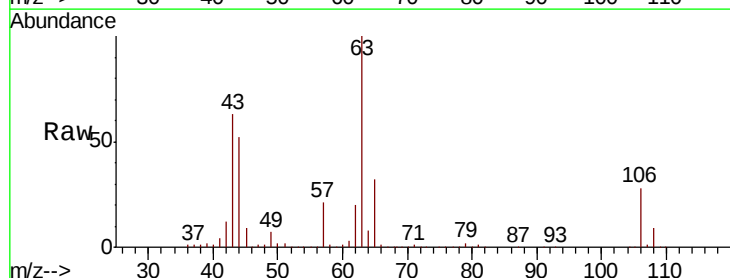
Manual Integrations
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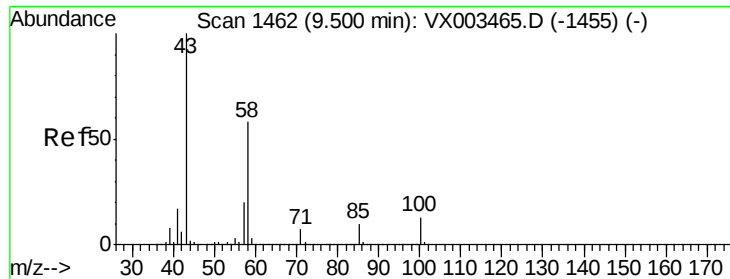
MMDadoda
 7/23/2018 12:35:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.762 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion: 63 Resp: 620754
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.8 32.8





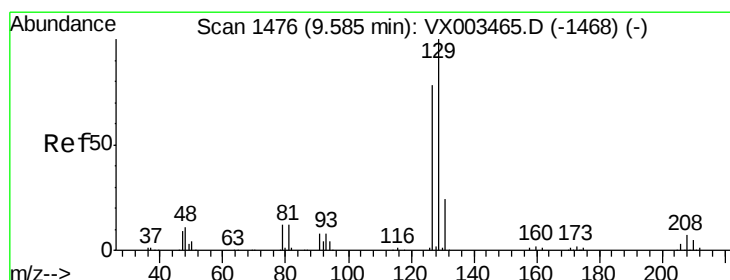
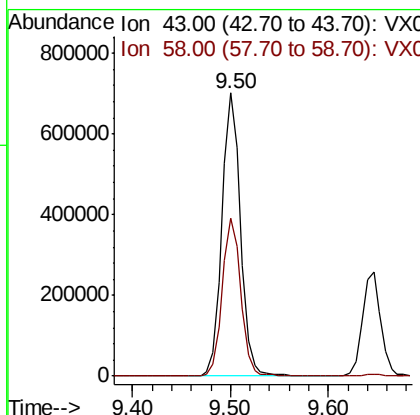
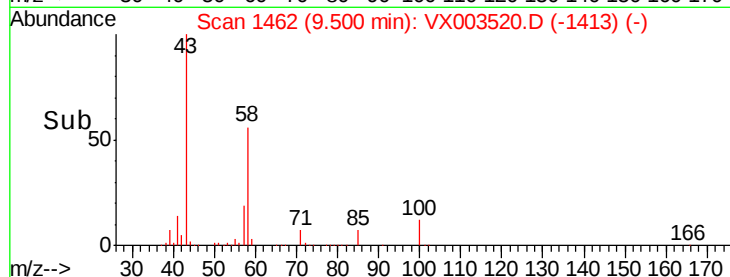
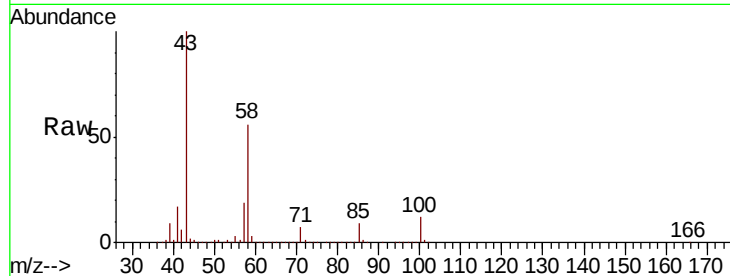
#59
2-Hexanone
Concen: 301.036 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.9	24.6	73.6

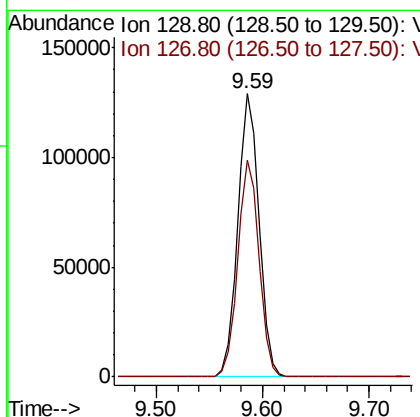
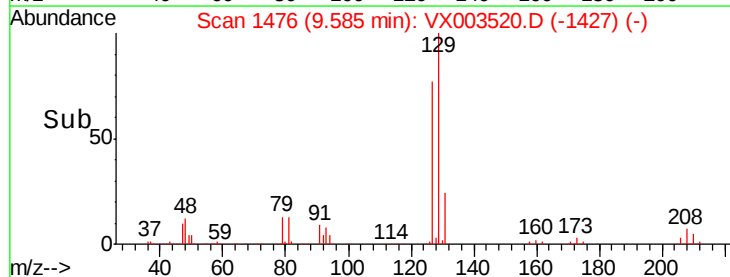
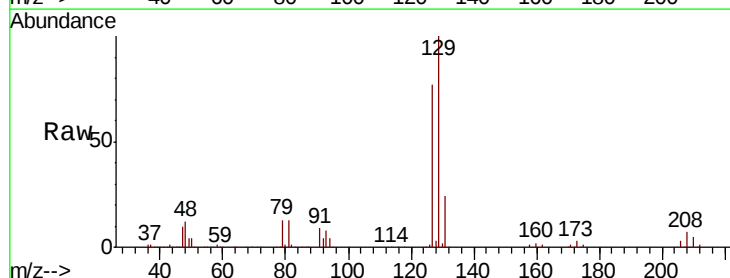
Manual Integrations
APPROVED

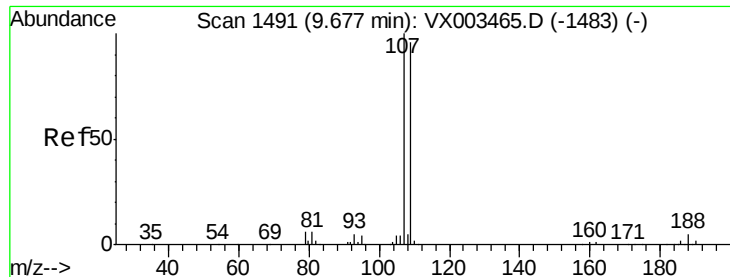
MMDadoda
7/23/2018 12:35:48 PM



#60
Dibromochloromethane
Concen: 55.411 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.3





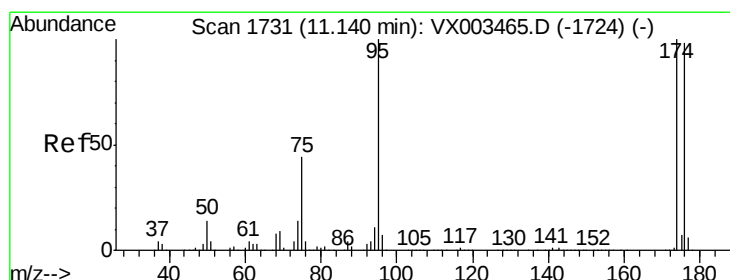
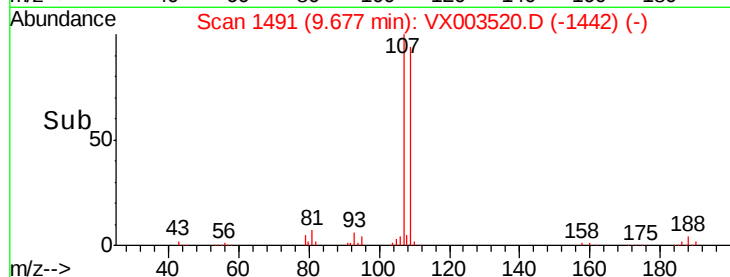
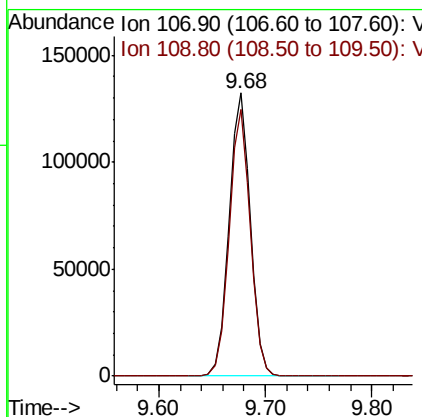
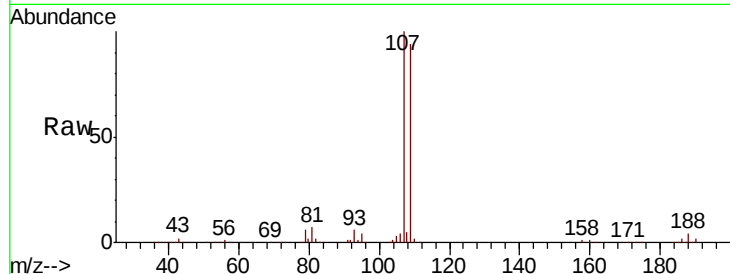
#61
 1,2-Dibromoethane
 Concen: 54.119 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	185063		
109	93.7	75.3	112.9	

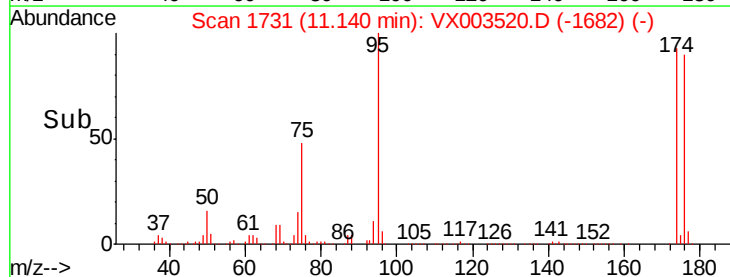
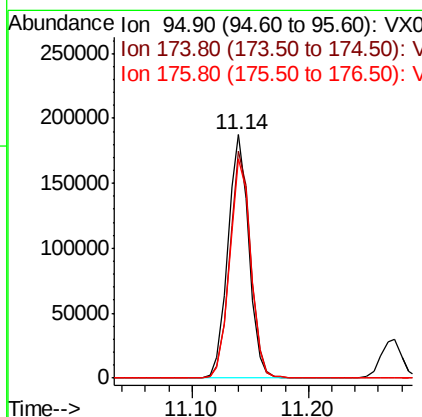
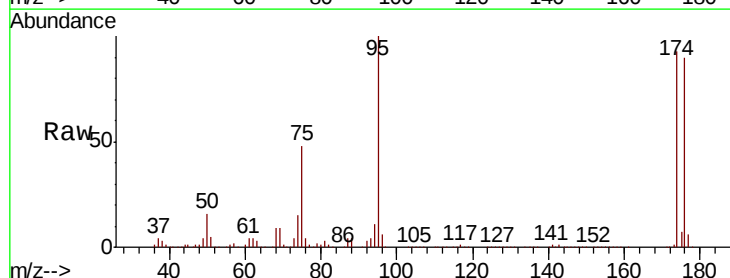
Manual Integrations
 APPROVED

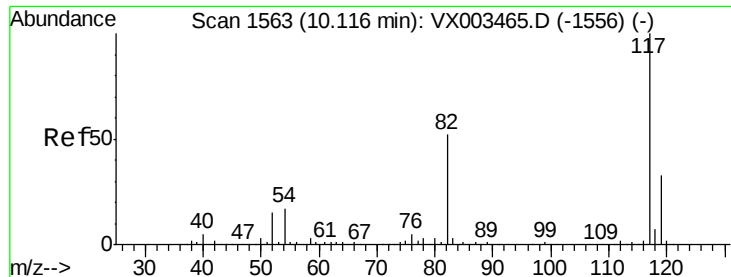
MMDadoda
 7/23/2018 12:35:48 PM



#62
 4-Bromofluorobenzene
 Concen: 55.315 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	233482		
174	93.8	0.0	187.4	
176	90.8	0.0	181.0	





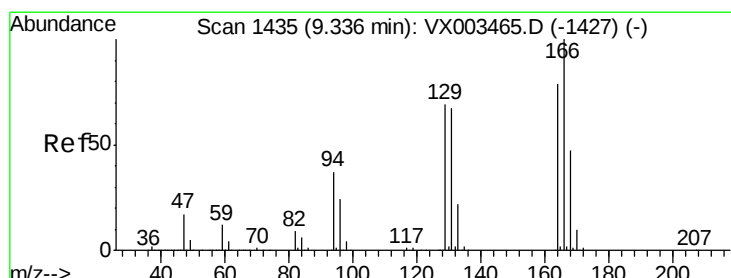
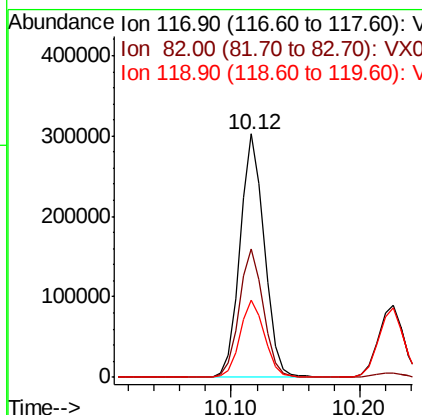
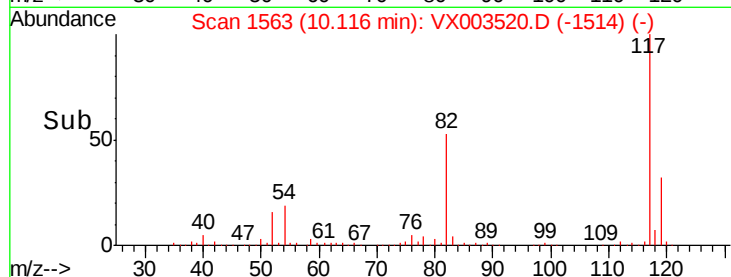
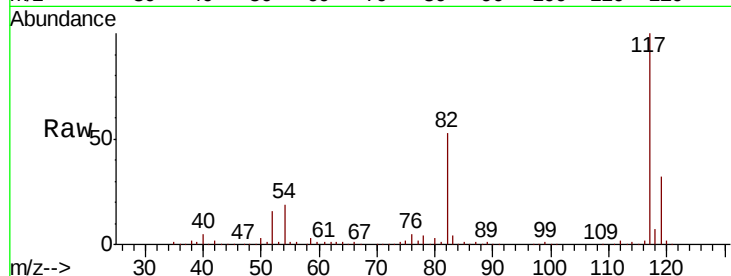
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.0	67.4
119	31.7	25.8	38.6

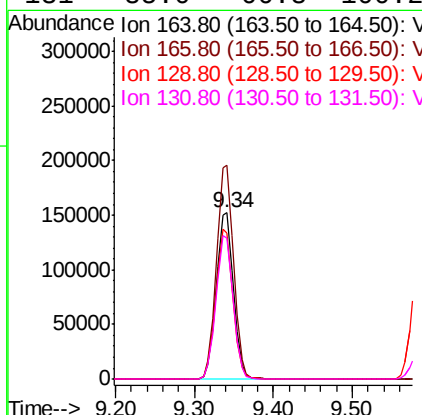
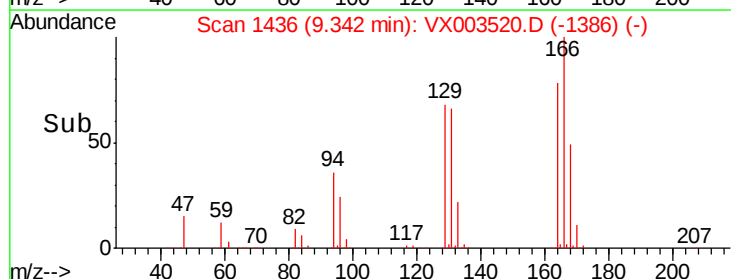
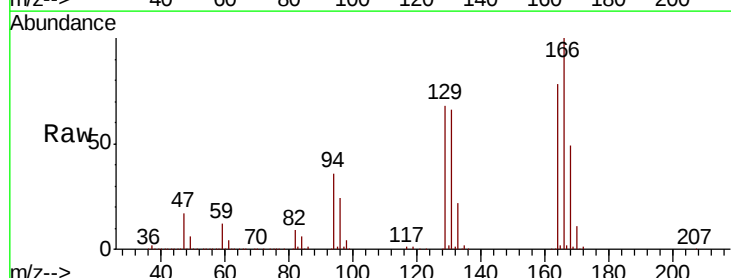
Manual Integrations
APPROVED

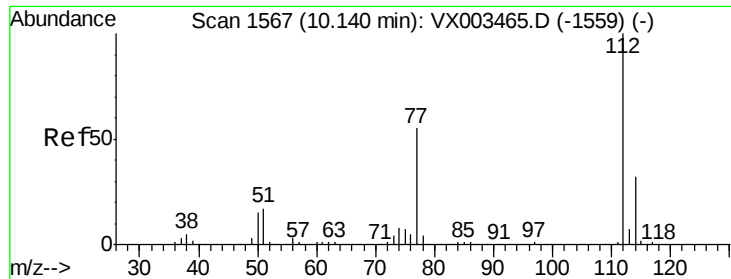
MMDadoda
7/23/2018 12:35:48 PM



#64
Tetrachloroethene
Concen: 48.354 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.9	154.3
129	87.8	68.6	102.8
131	85.0	66.8	100.2





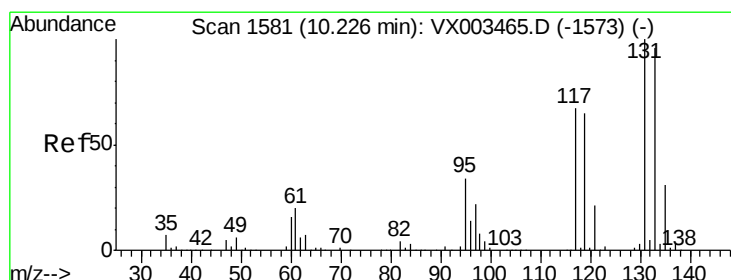
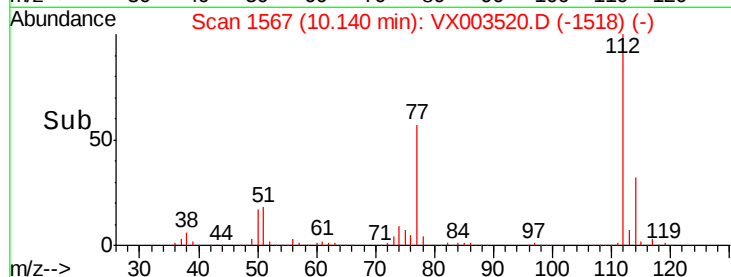
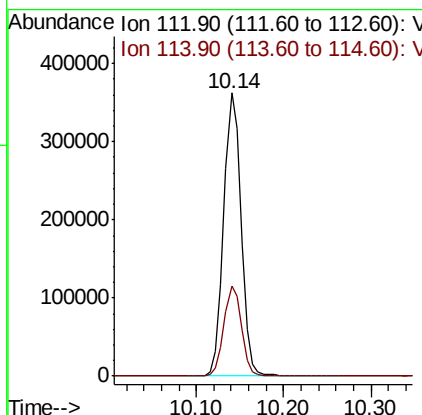
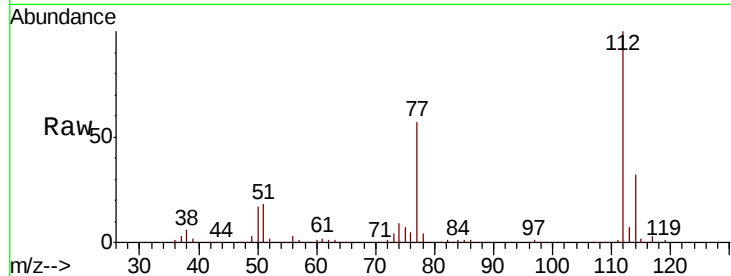
#65
Chlorobenzene
Concen: 49.086 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 496729
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9

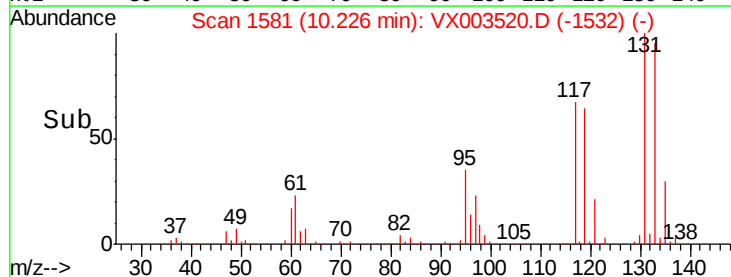
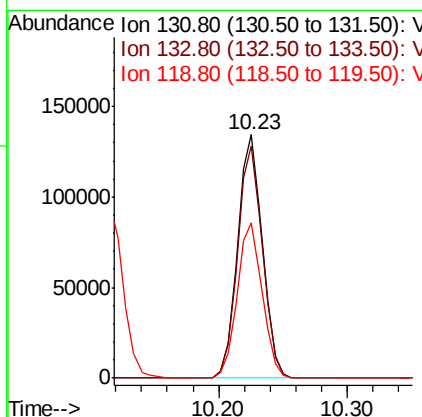
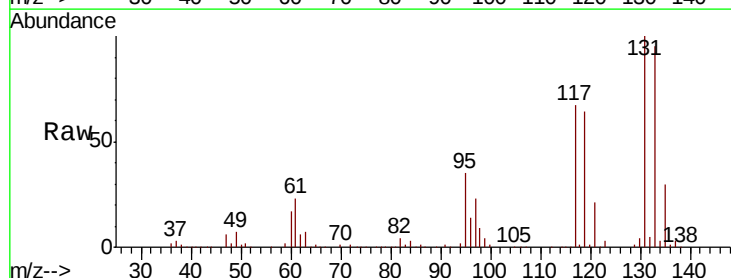
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.119 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion:131 Resp: 177983
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.6
119 65.0 31.8 95.3





#67

Ethyl Benzene

Concen: 51.086 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 831216

Ion Ratio Lower Upper

91 100

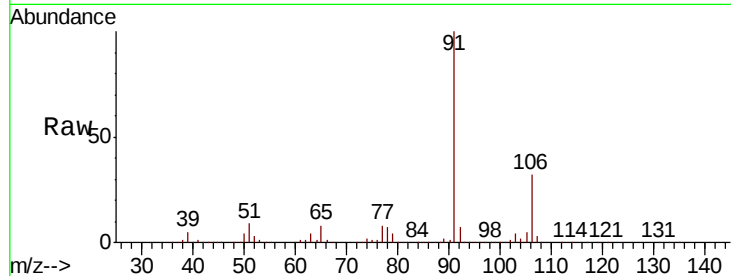
106 31.5 25.5 38.3

Manual Integrations

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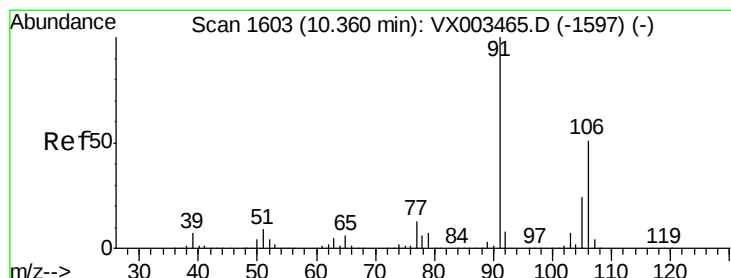
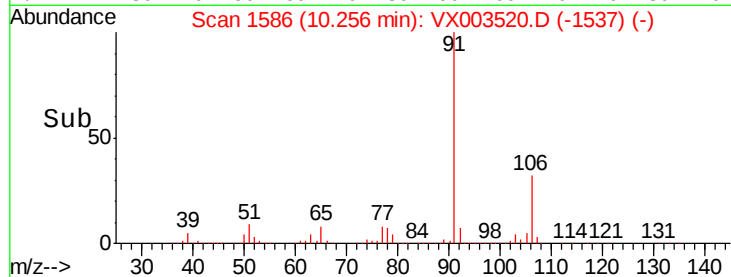
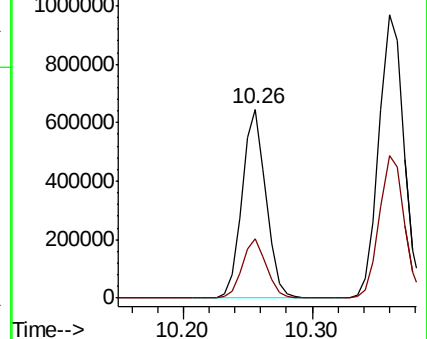
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.304 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003520.D

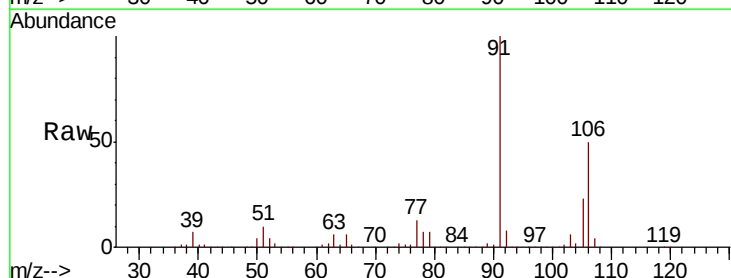
Acq: 20 Jul 2018 20:31

Tgt Ion: 106 Resp: 652578

Ion Ratio Lower Upper

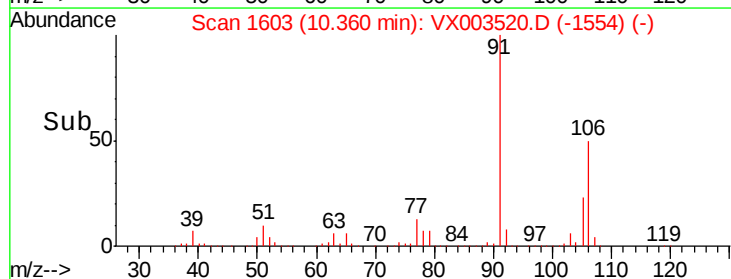
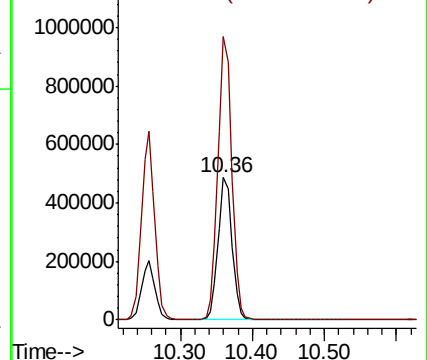
106 100

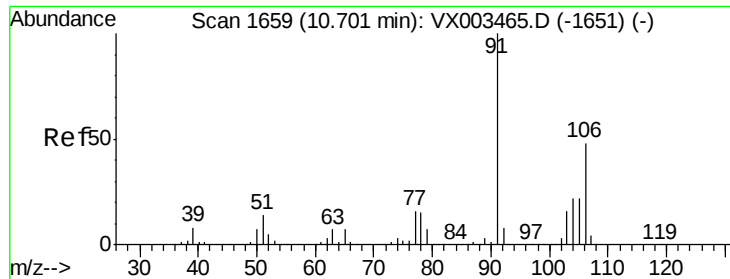
91 198.7 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





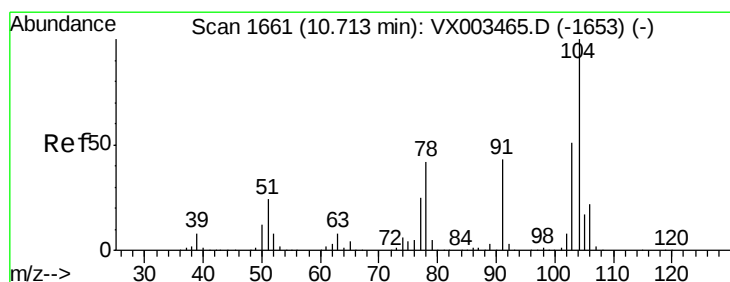
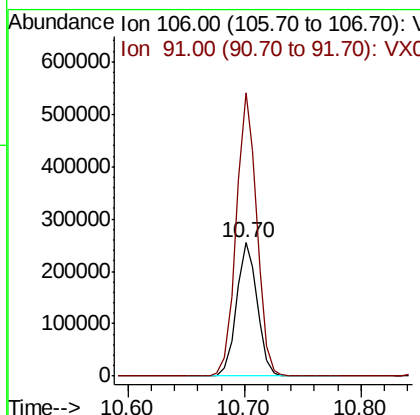
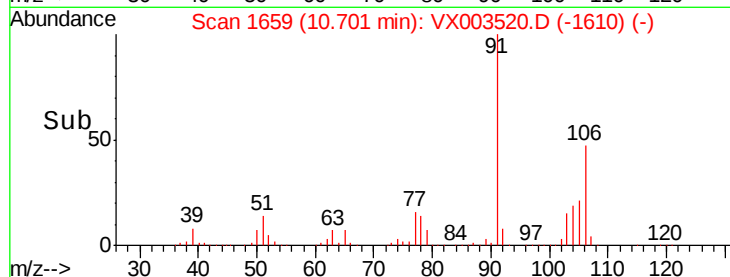
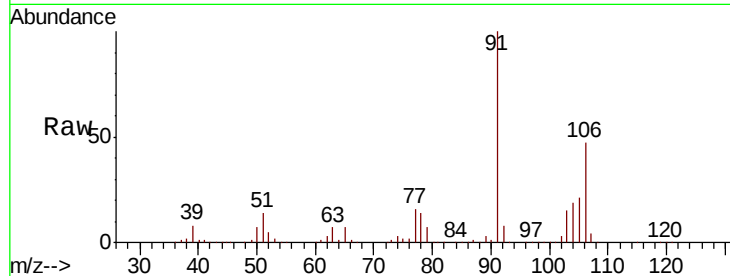
#69
o-Xylene
Concen: 51.259 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 316180
Ion Ratio Lower Upper
106 100
91 210.5 108.2 324.6

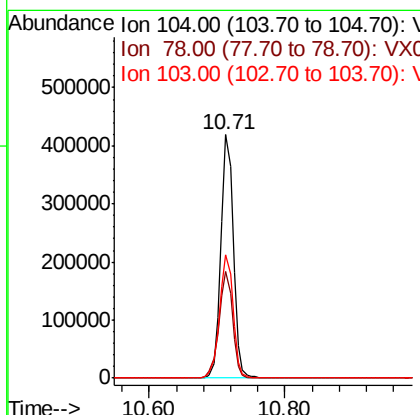
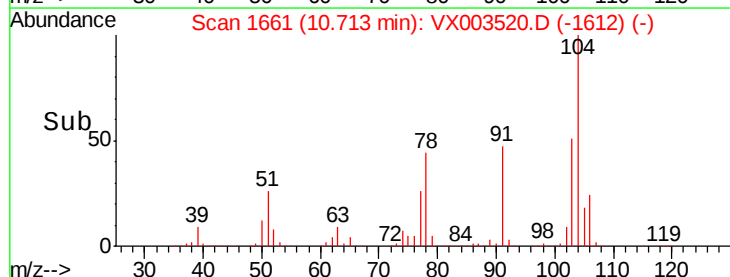
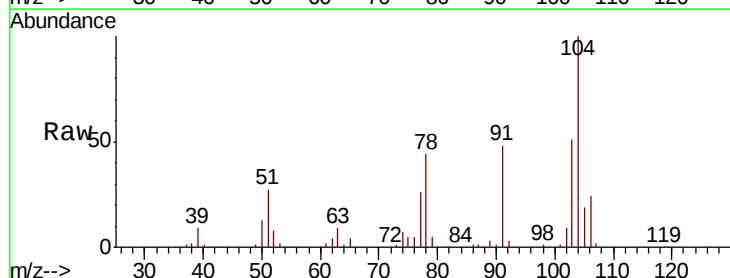
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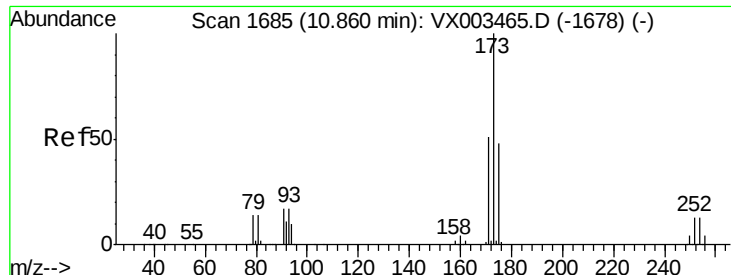
MMDadoda
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#70
Styrene
Concen: 52.551 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion:104 Resp: 533189
Ion Ratio Lower Upper
104 100
78 47.7 41.0 61.6
103 55.2 44.2 66.4





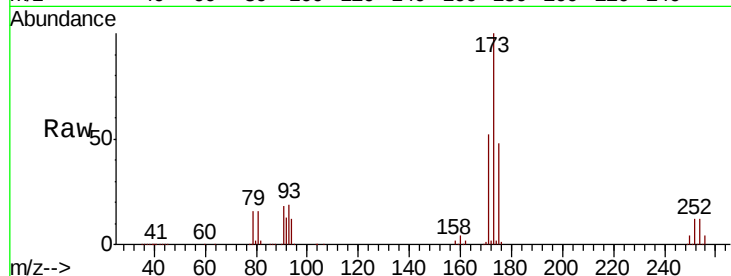
#71
Bromoform
Concen: 51.657 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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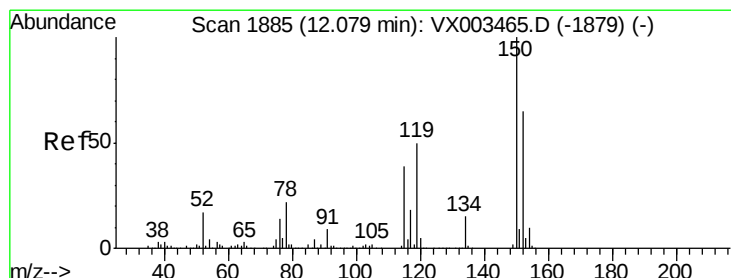
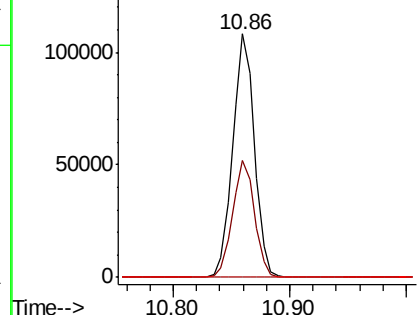
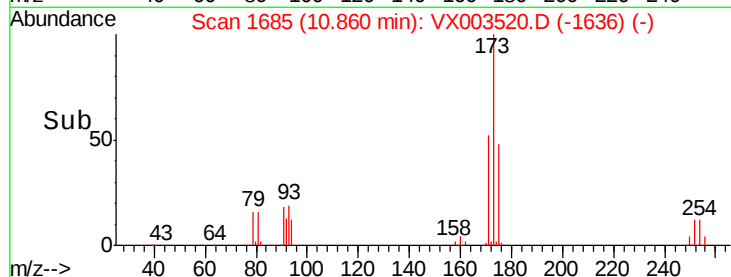


Abundance

Ion 172.70 (172.40 to 173.40): V

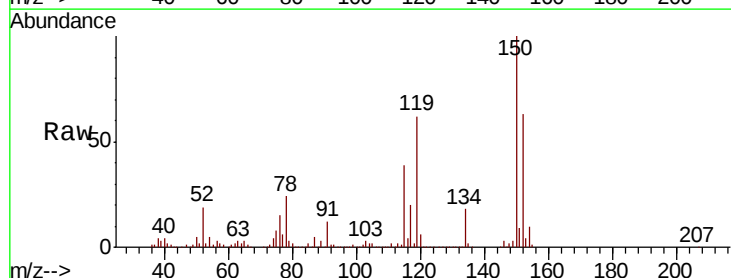
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	40.1	120.2
150	174.2	0.0	347.2

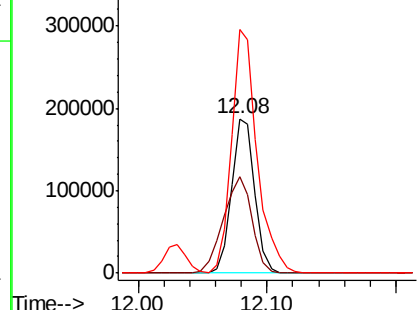
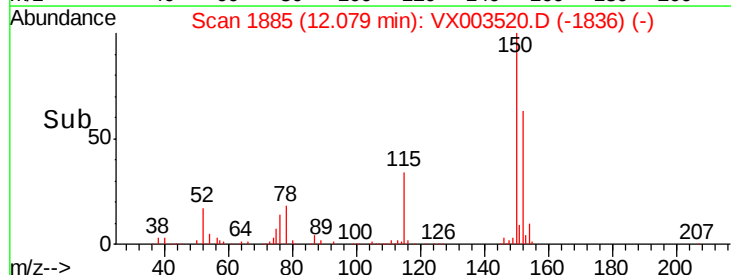


Abundance

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: 51.529 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 837822

Ion Ratio Lower Upper

105 100

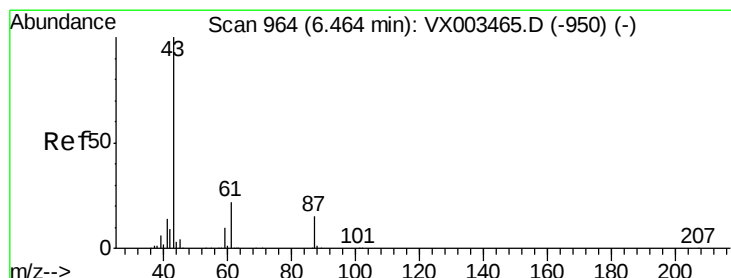
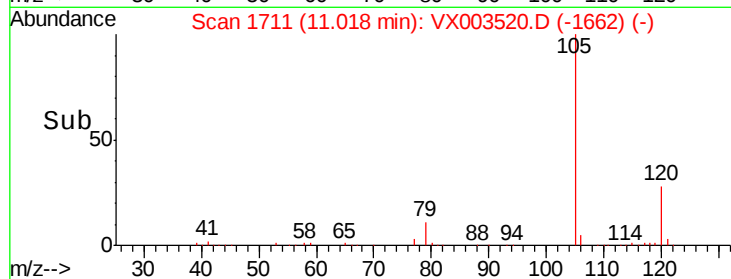
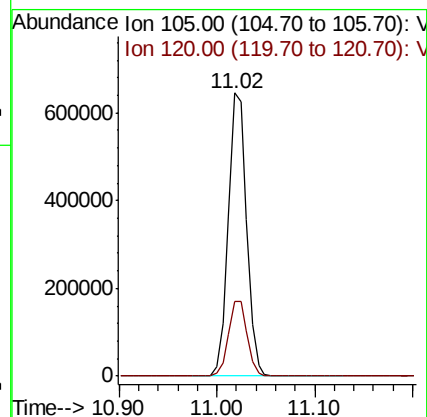
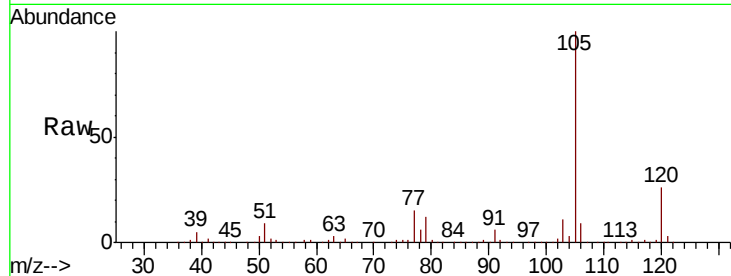
120 27.1 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.670 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Tgt Ion: 43 Resp: 370531

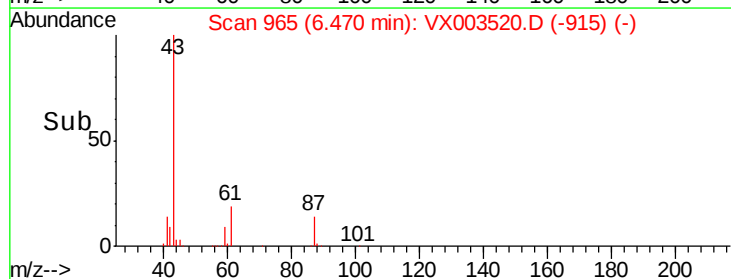
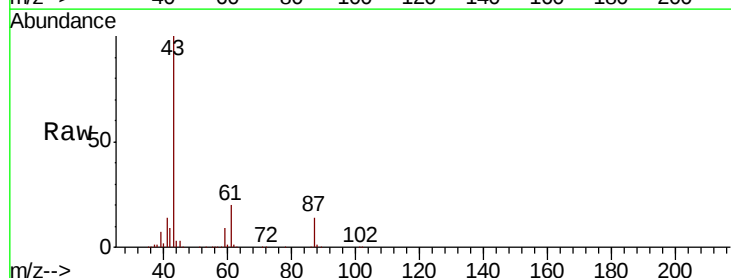
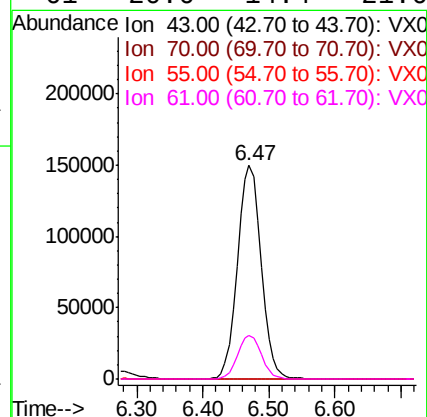
Ion Ratio Lower Upper

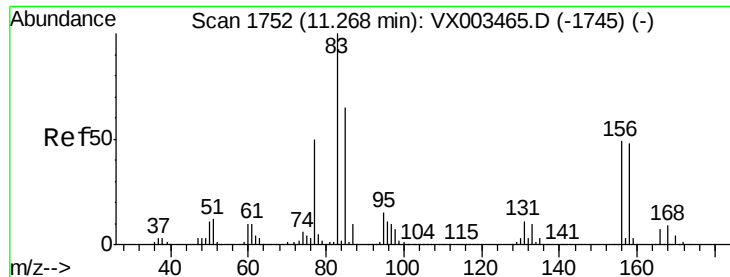
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.515 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

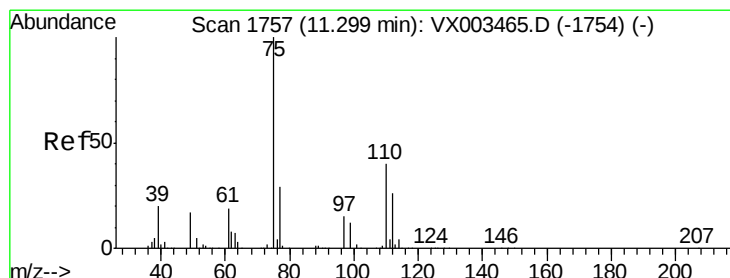
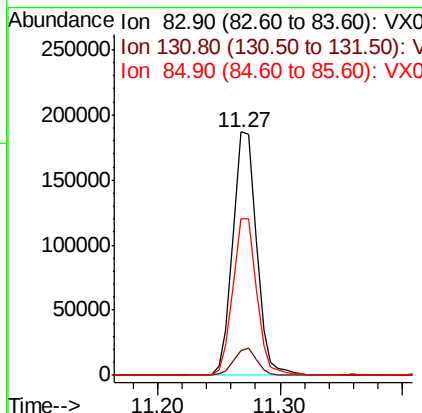
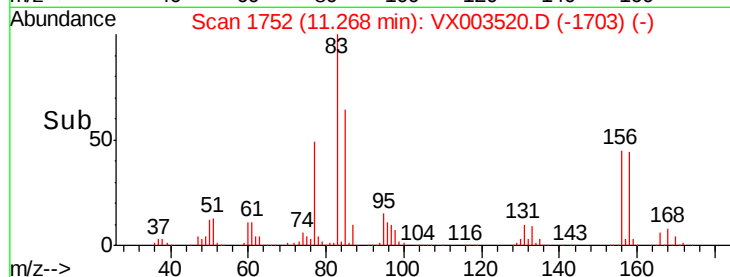
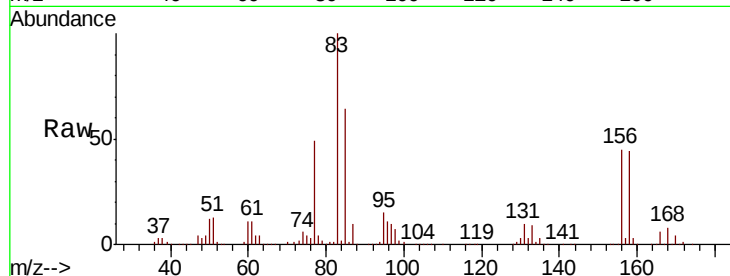
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	250217
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.6	16.8
85	64.8	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.787 ug/l m

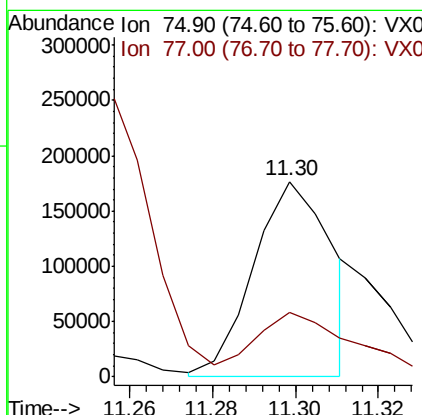
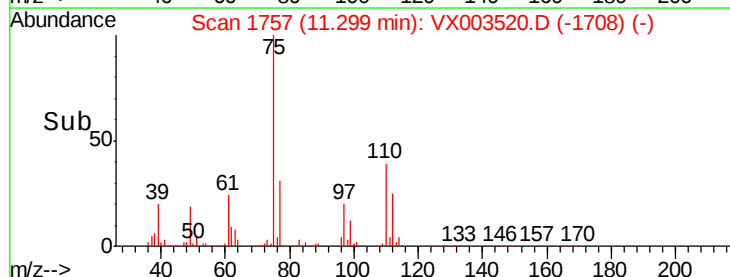
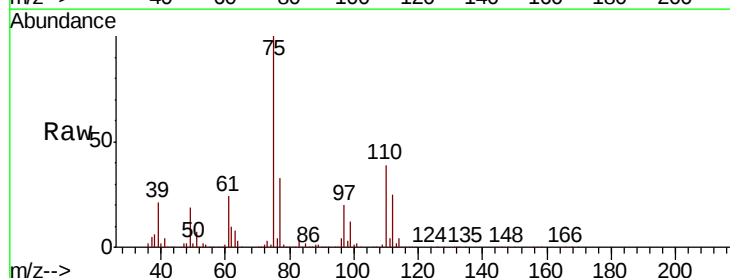
RT: 11.30 min Scan# 1757

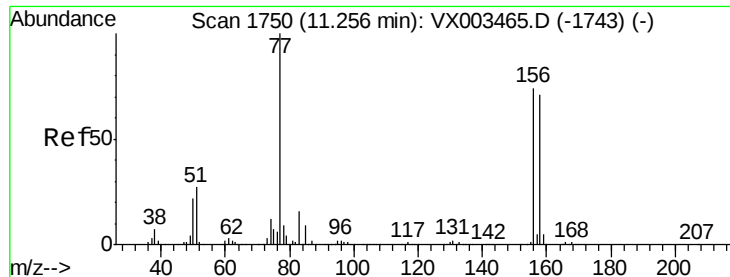
Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Tgt Ion:	75	Resp:	231391
Ion Ratio	Lower	Upper	
75	100		
77	42.0	22.8	68.3





#77

Bromobenzene

Concen: 48.917 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 156 Resp: 228755

Ion Ratio Lower Upper

156 100

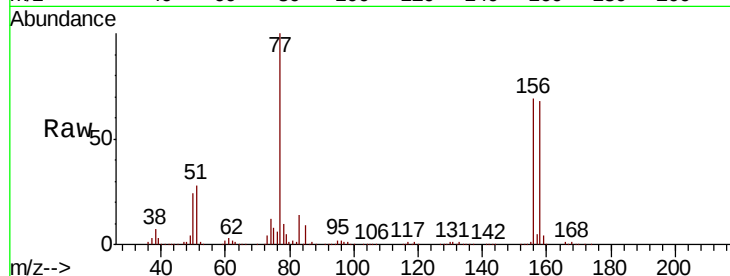
77 139.8 71.4 214.2

158 97.3 48.9 146.6

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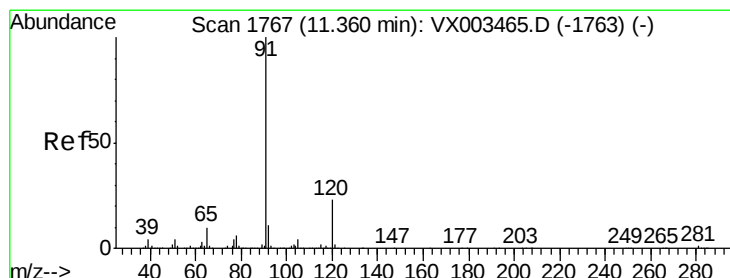
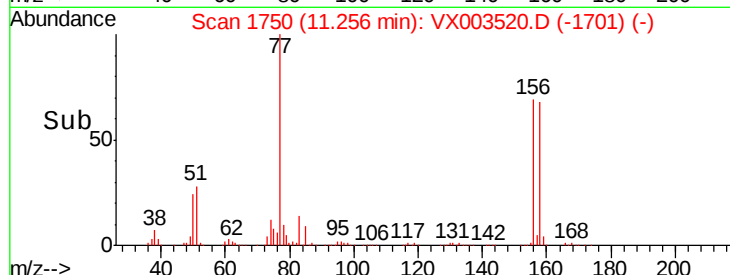
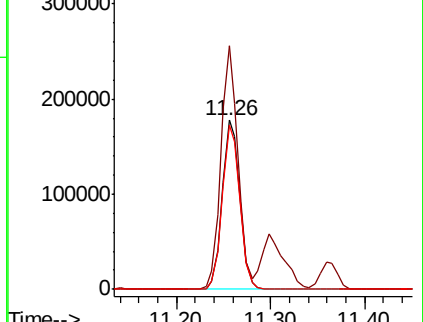
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.640 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003520.D

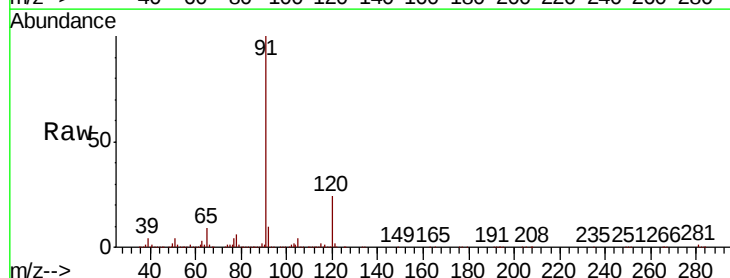
Acq: 20 Jul 2018 20:31

Tgt Ion: 91 Resp: 951395

Ion Ratio Lower Upper

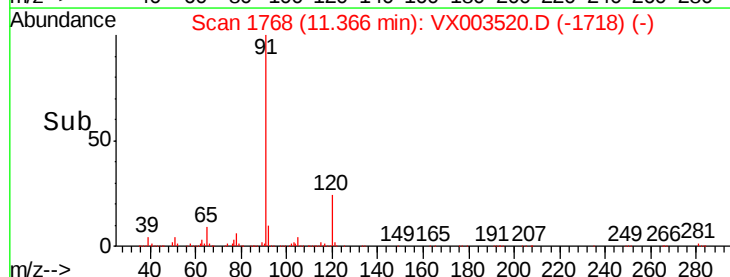
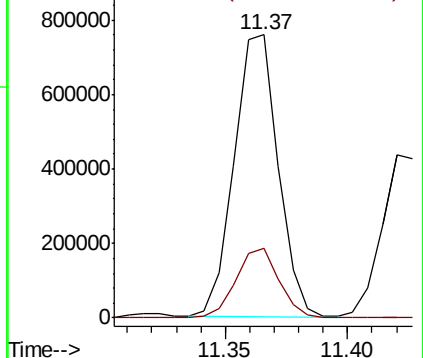
91 100

120 24.1 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: 51.433 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 564324

Ion Ratio Lower Upper

91 100

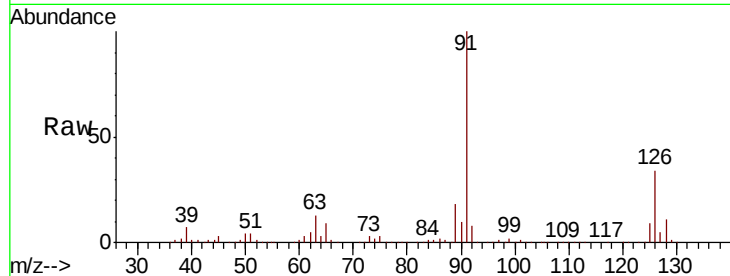
126 35.7 17.7 53.1

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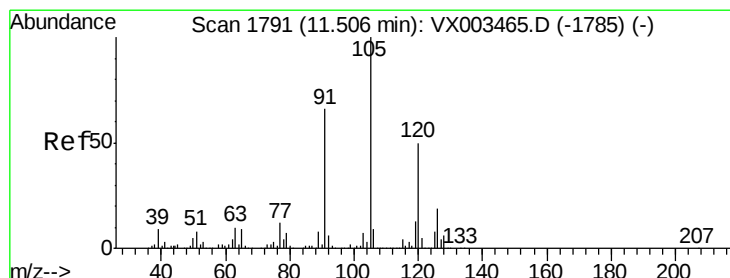
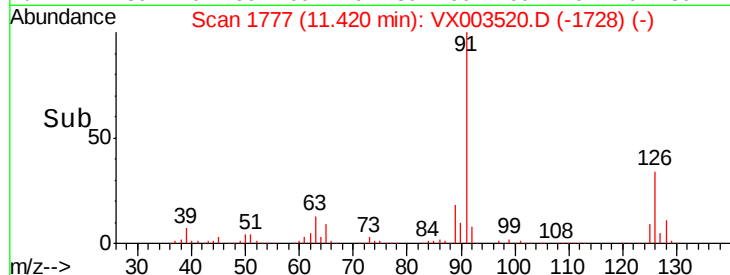
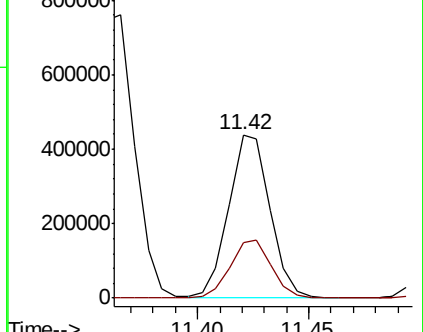
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.696 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003520.D

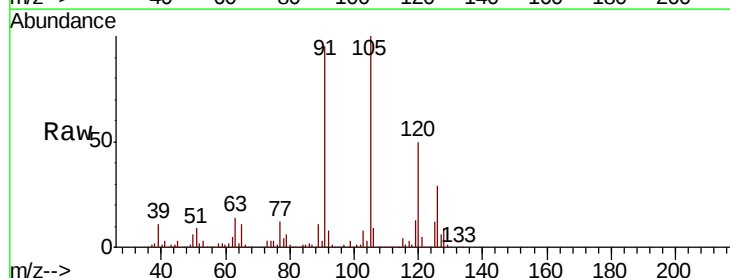
Acq: 20 Jul 2018 20:31

Tgt Ion: 105 Resp: 704148

Ion Ratio Lower Upper

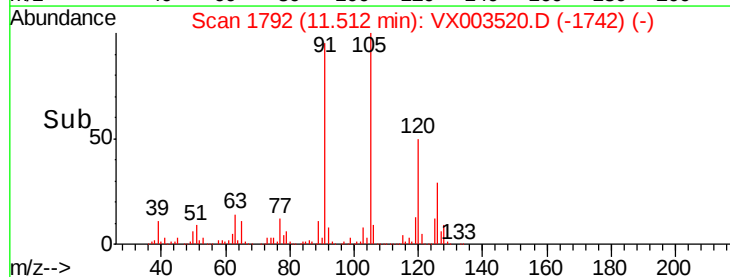
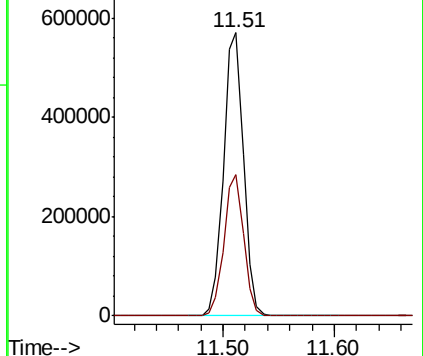
105 100

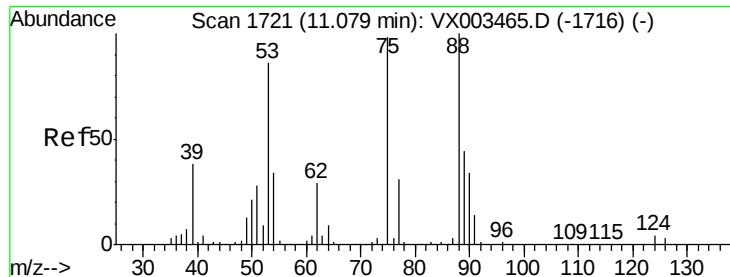
120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.660 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003520.D

Acq: 20 Jul 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 72261

Ion Ratio Lower Upper

75 100

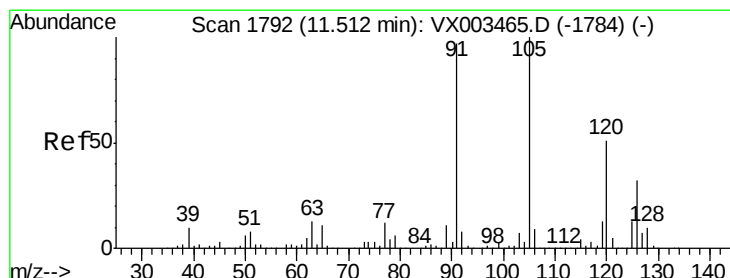
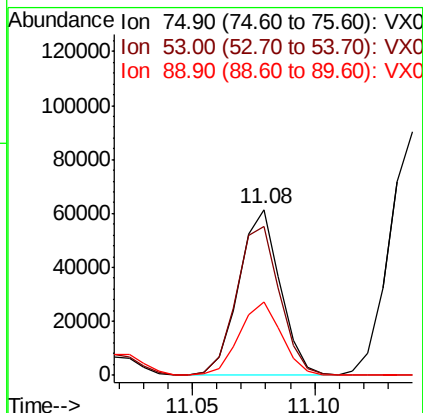
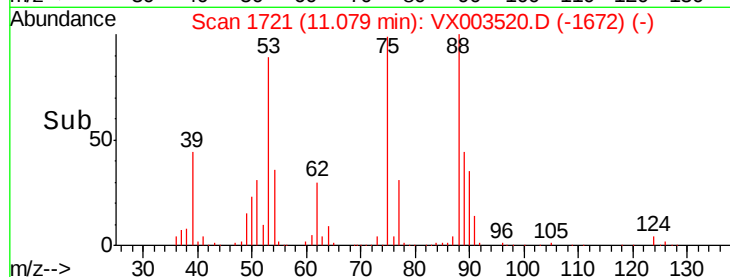
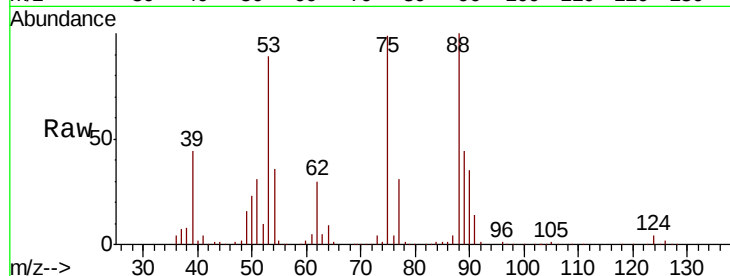
53 94.2 86.8 130.2

89 45.3 38.2 57.2

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#82

4-Chlorotoluene

Concen: 51.587 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003520.D

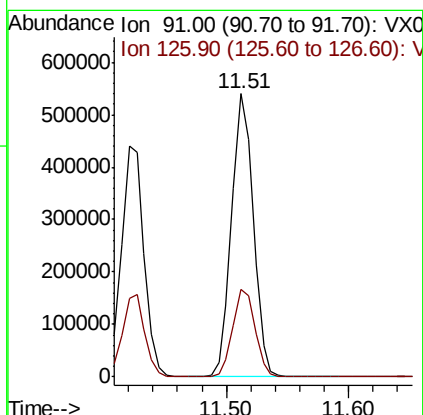
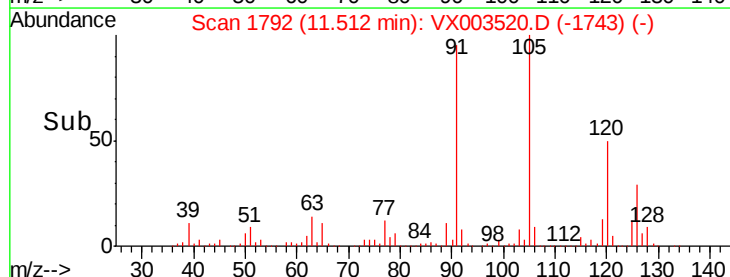
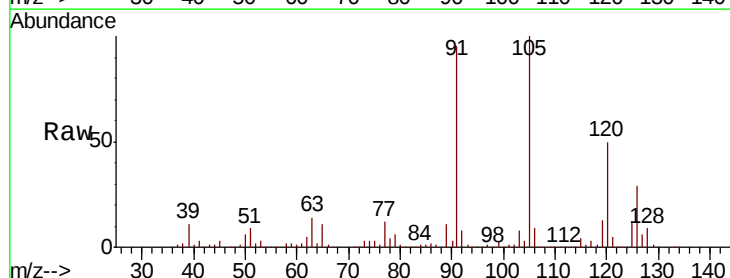
Acq: 20 Jul 2018 20:31

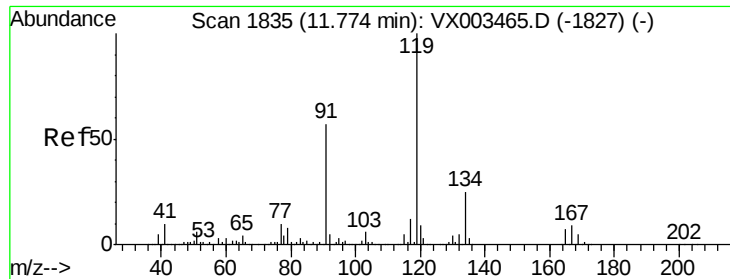
Tgt Ion: 91 Resp: 663217

Ion Ratio Lower Upper

91 100

126 31.7 15.4 46.4





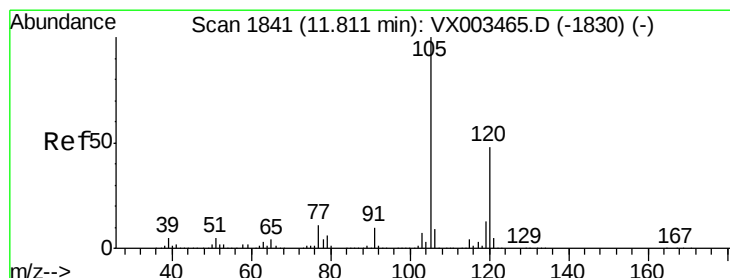
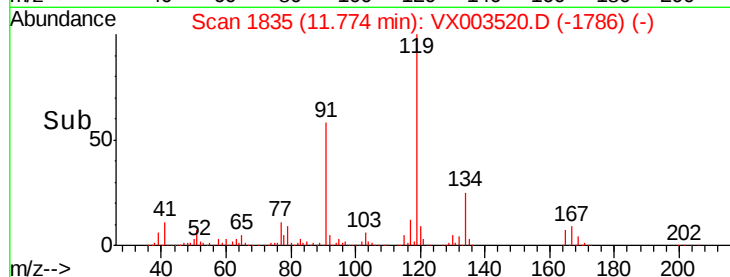
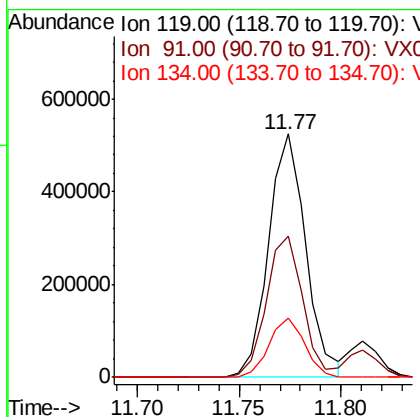
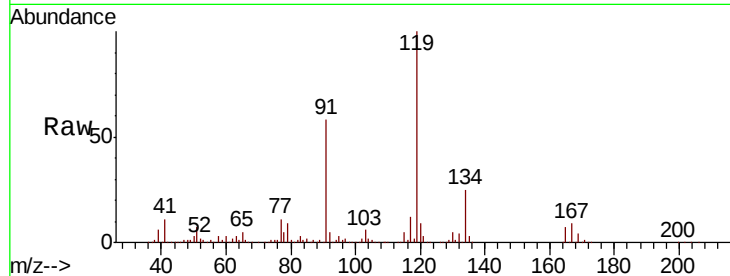
#83
 tert-Butylbenzene
 Concen: 51.006 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	667473		
91	56.5	30.3	90.9	
134	23.8	11.7	35.1	

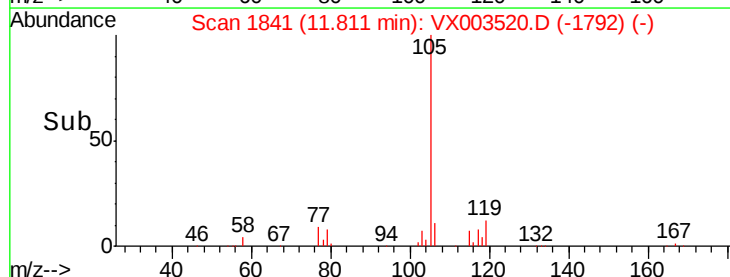
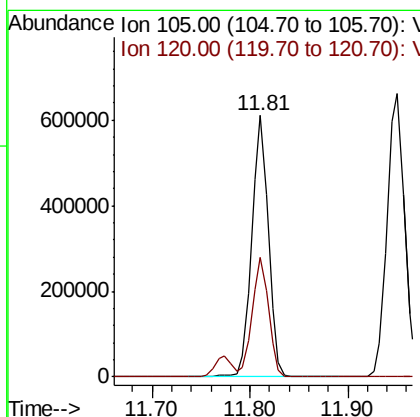
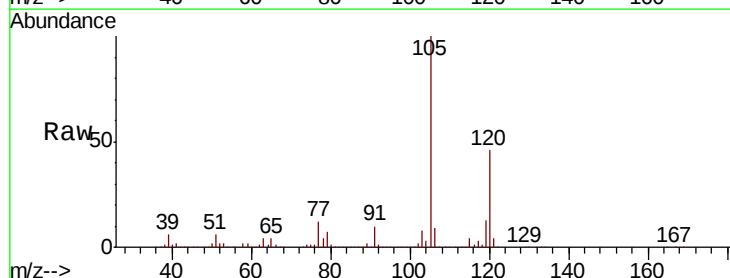
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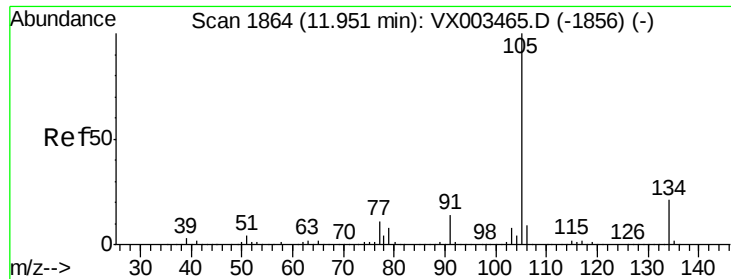
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.889 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	719123		
120	45.6	22.3	66.8	





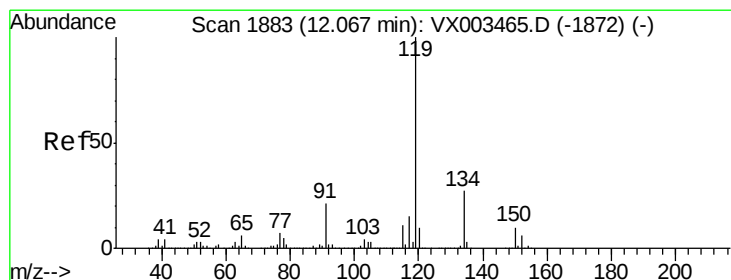
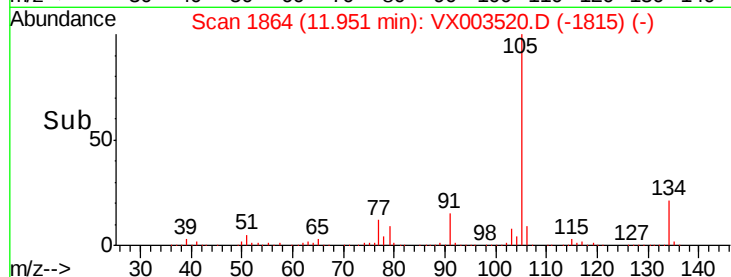
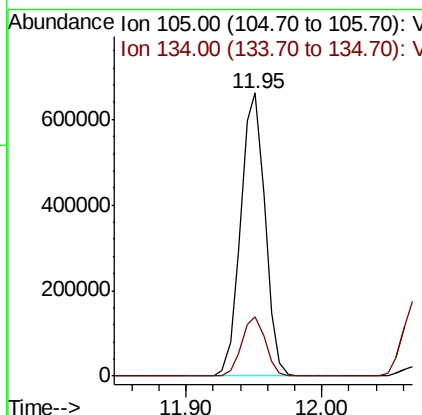
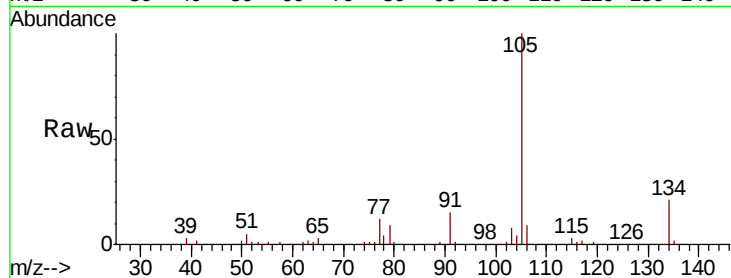
#85
 sec-Butylbenzene
 Concen: 51.801 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 823359
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

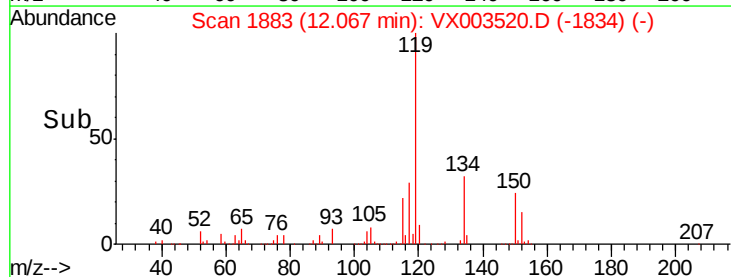
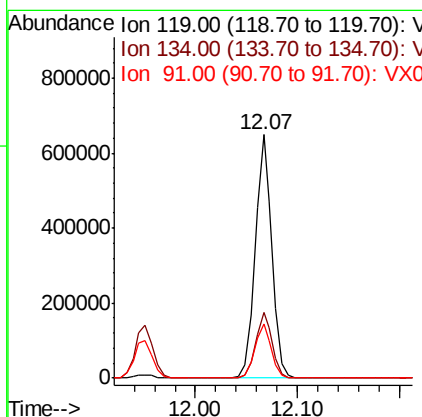
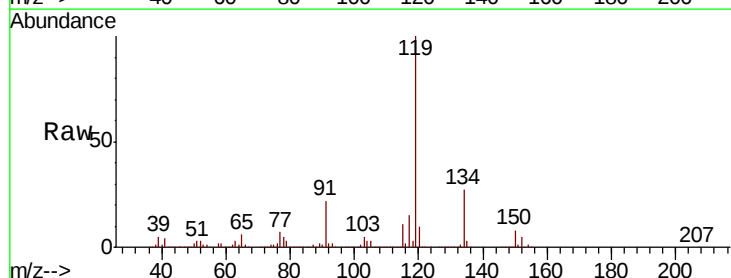
Manual Integrations
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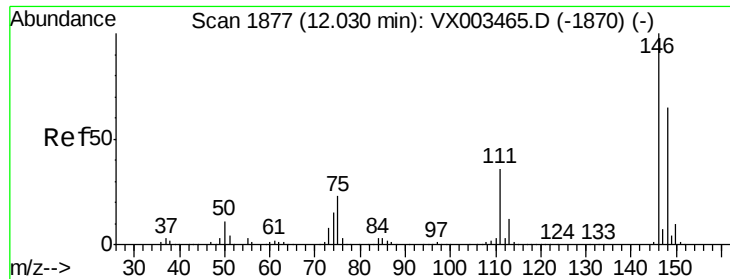
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#86
 p-Isopropyltoluene
 Concen: 51.899 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion:119 Resp: 740305
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 22.2 11.9 35.7





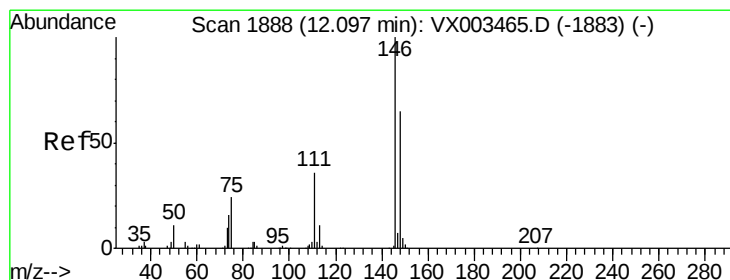
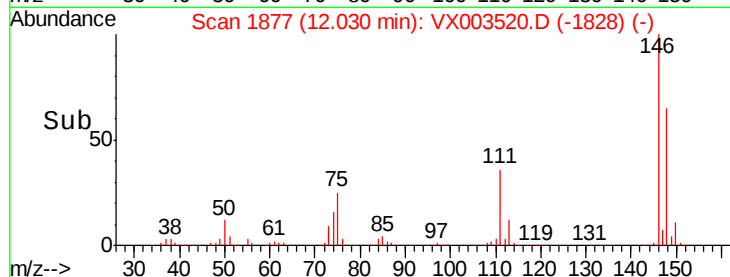
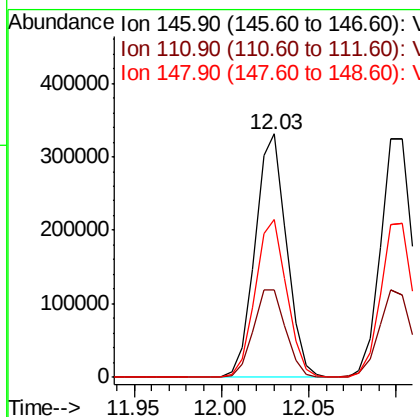
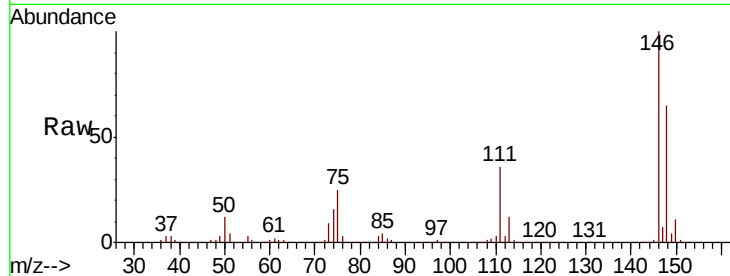
#87
 1,3-Dichlorobenzene
 Concen: 48.053 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.7
148	64.8	32.1	96.3

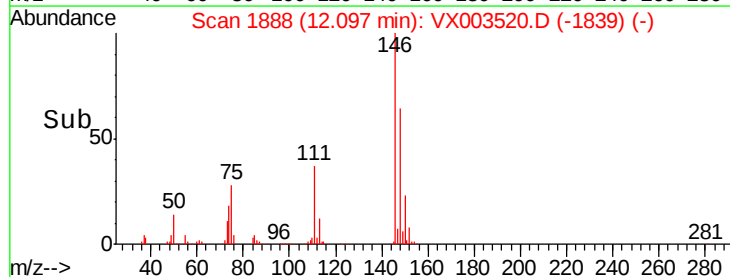
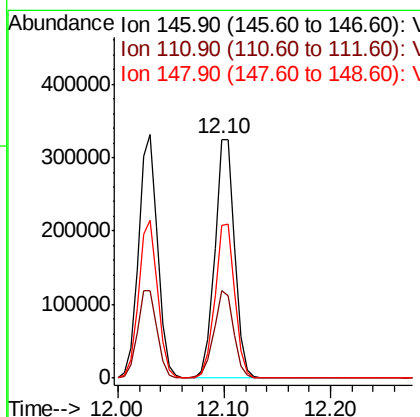
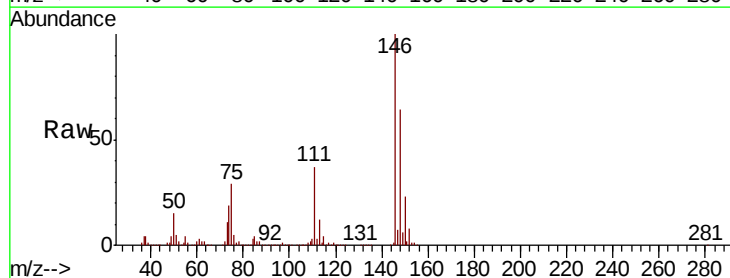
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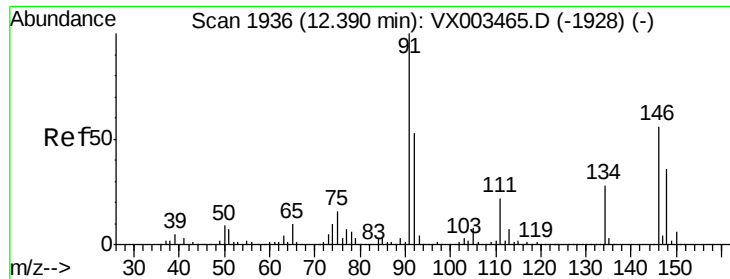
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#88
 1,4-Dichlorobenzene
 Concen: 47.076 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.7	56.1
148	64.6	32.4	97.0





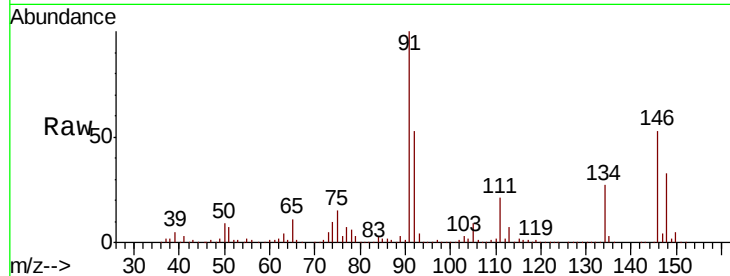
#89
n-Butylbenzene
Concen: 52.081 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

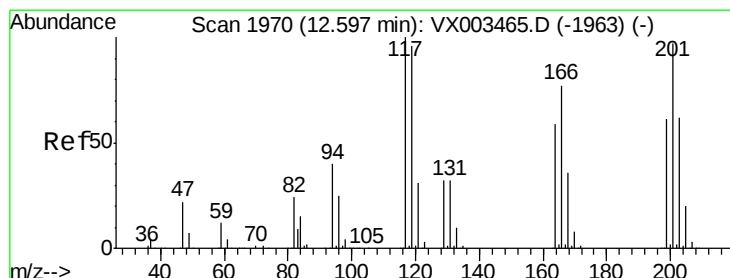
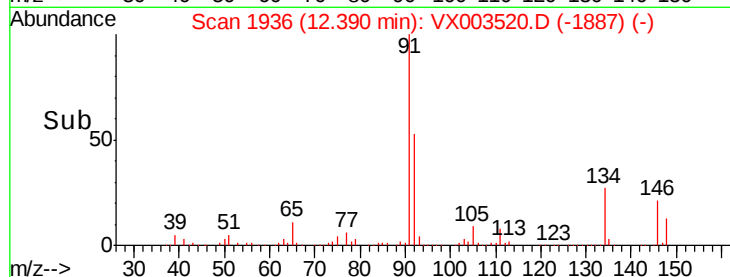
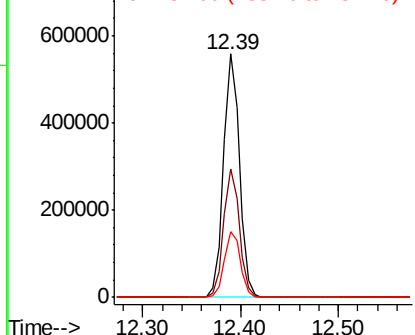
Tgt Ion: 91 Resp: 630834
Ion Ratio Lower Upper
91 100
92 52.5 26.0 78.0
134 27.2 13.5 40.5

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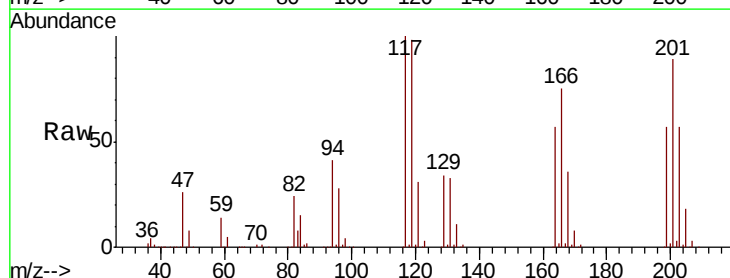


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

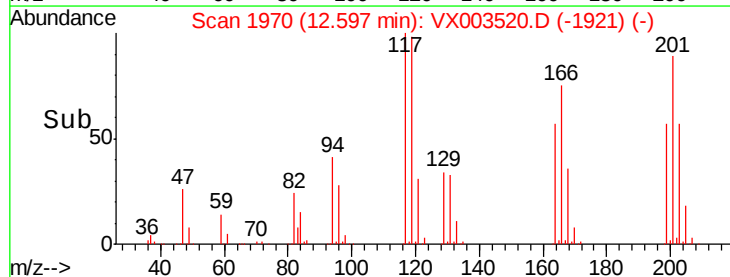
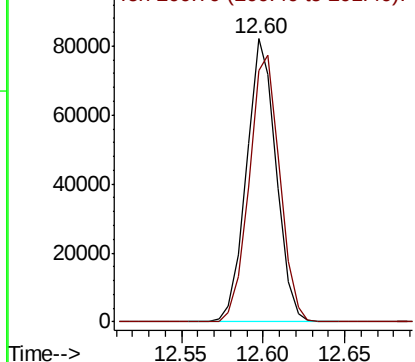


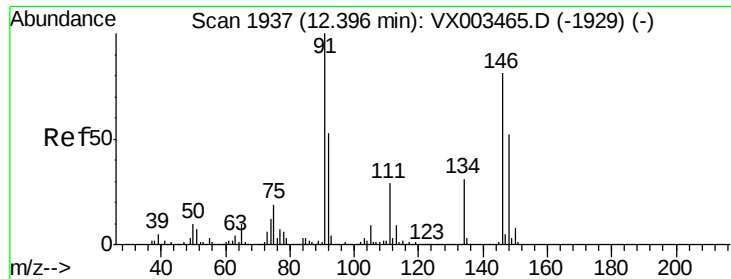
#90
Hexachloroethane
Concen: 51.188 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion: 117 Resp: 103798
Ion Ratio Lower Upper
117 100
201 97.4 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





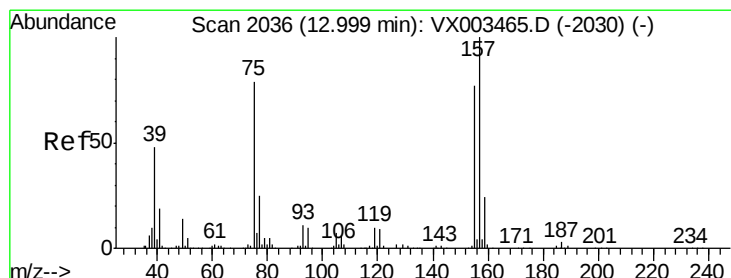
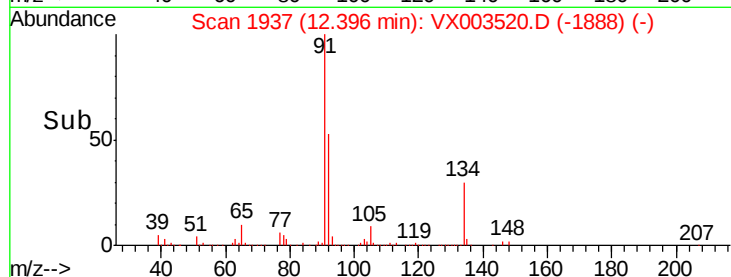
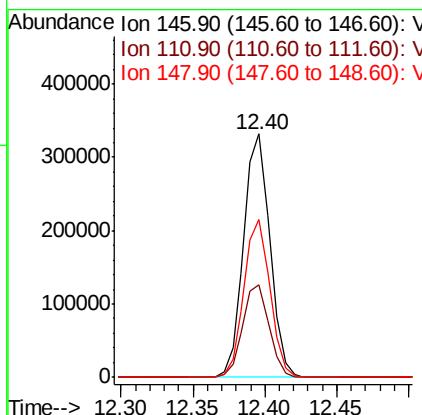
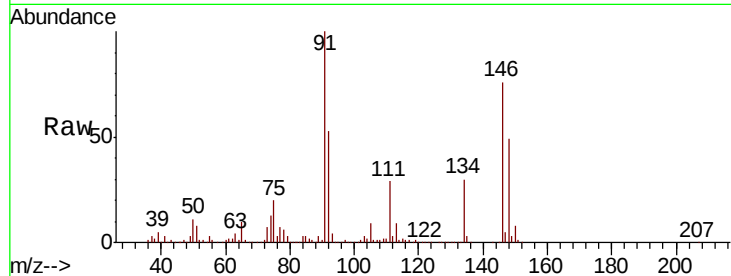
#91
1,2-Dichlorobenzene
Concen: 49.435 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.1
148	64.1	31.7	95.1

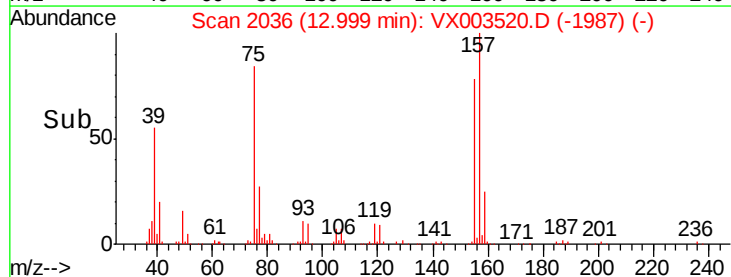
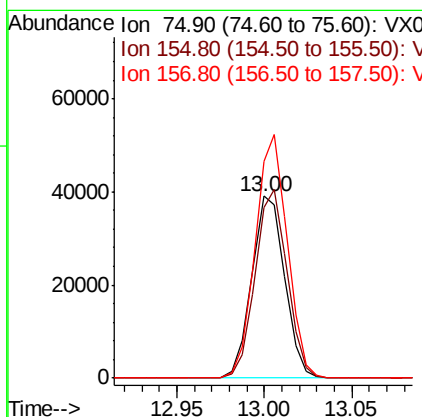
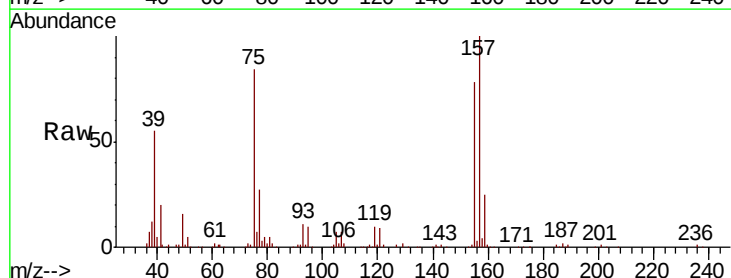
Manual Integrations
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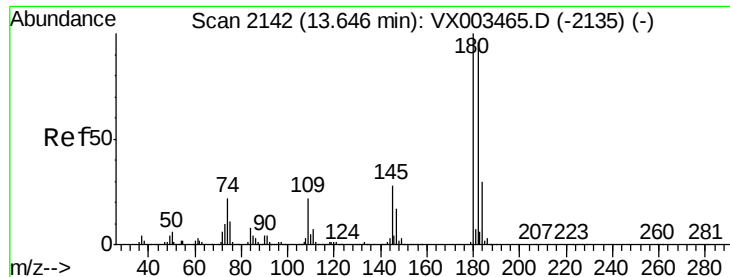
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 55.191 ug/l
RT: 13.00 min Scan# 2036
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	45.8	137.4
157	129.9	60.1	180.3





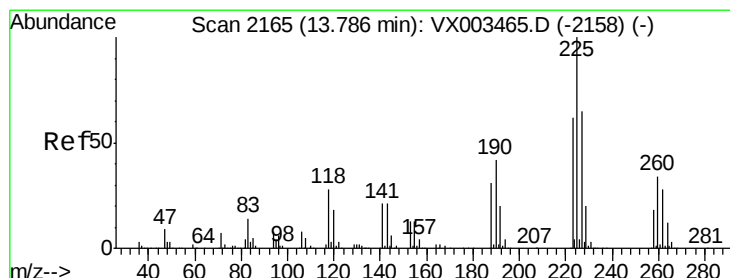
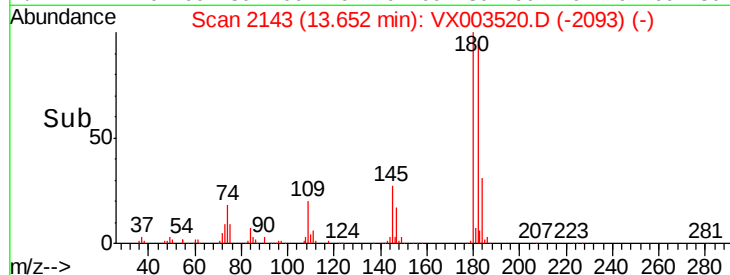
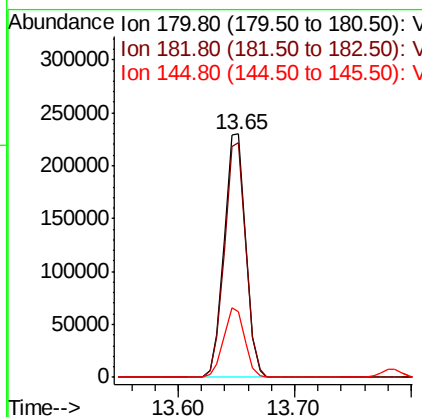
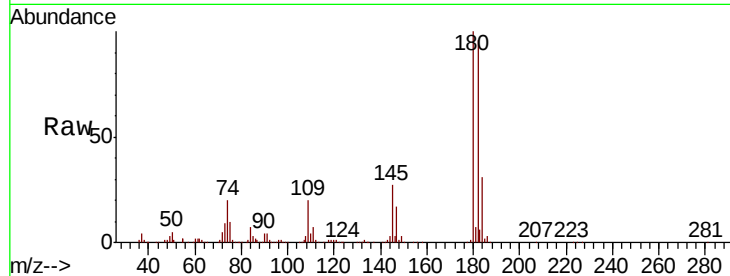
#93
 1,2,4-Trichlorobenzene
 Concen: 47.409 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	294375		
182	95.9	47.7	143.1	
145	27.9	14.1	42.4	

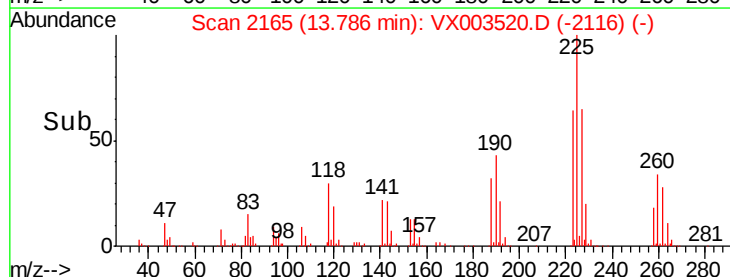
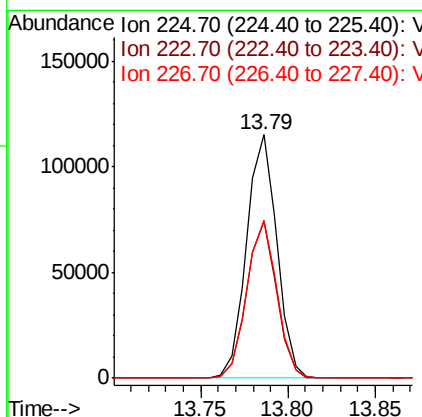
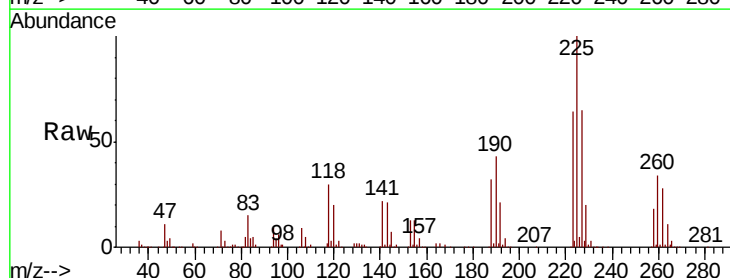
Manual Integrations
 APPROVED

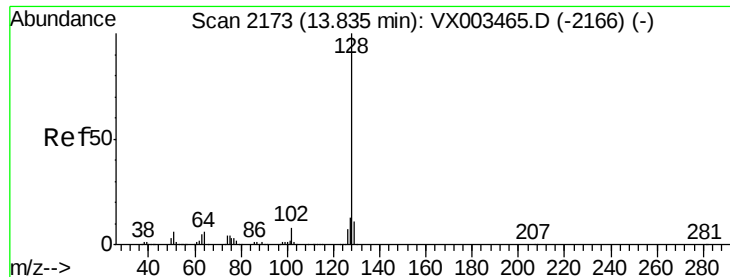
MMDadoda
 7/23/2018 12:35:48 PM



#94
 Hexachlorobutadiene
 Concen: 46.364 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003520.D
 Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138452		
223	63.2	31.6	95.0	
227	64.5	32.4	97.2	





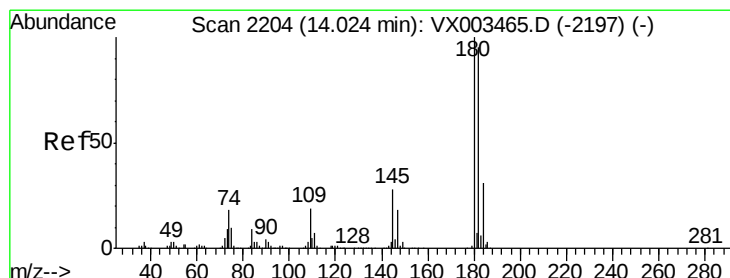
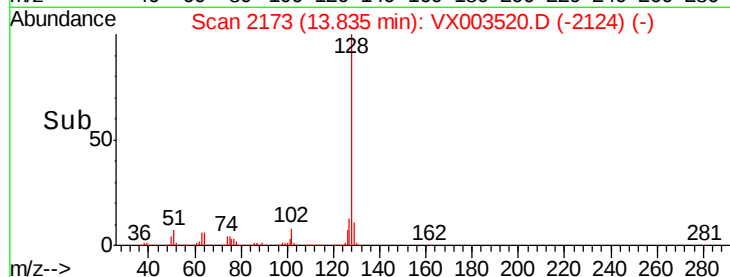
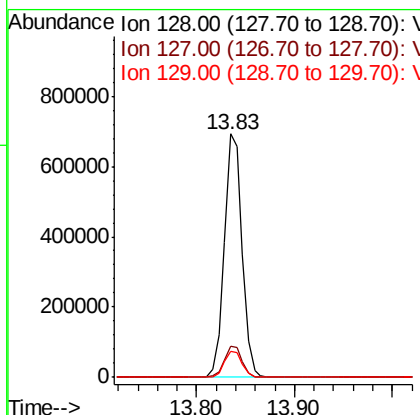
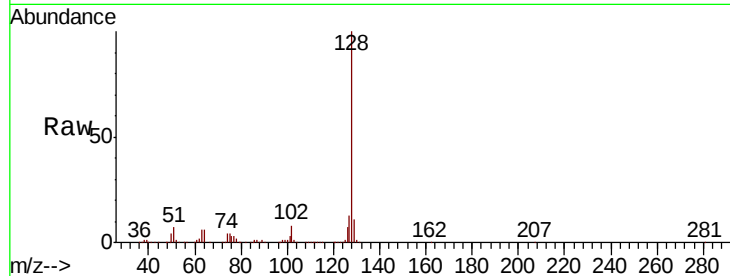
#95
Naphthalene
Concen: 52.894 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	863016		
127	12.9		10.4	15.6
129	10.9		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/23/2018 12:35:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.997 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003520.D
Acq: 20 Jul 2018 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	301172		
182	95.2		48.0	144.0
145	29.2		14.8	44.3

