

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003249.D
 Acq On : 09 Jul 2018 16:57
 Operator : JC/MD
 Sample : VX0709MBS01
 Misc : 5.0µl/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:48 PM

Quant Time: Jul 10 01:09:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207891	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	204687	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	168822	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	8.72	98	619133	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.14	95	225198	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78966	20.18	ug/l	99
3) Chloromethane	1.32	50	68674	19.30	ug/l	95
4) Vinyl Chloride	1.40	62	68708	18.81	ug/l	100
5) Bromomethane	1.64	94	31171	29.32	ug/l	100
6) Chloroethane	1.72	64	40359	19.95	ug/l	98
7) Trichlorofluoromethane	1.93	101	105632	19.46	ug/l	98
8) Diethyl Ether	2.19	74	37457	19.09	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	60242	18.95	ug/l	94
10) Methyl Iodide	2.51	142	46085	17.30	ug/l	96
11) Tert butyl alcohol	3.08	59	76755	104.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	55189	19.08	ug/l	91
13) Acrolein	2.29	56	54898	92.76	ug/l	99
14) Allyl chloride	2.73	41	103070	19.24	ug/l	94
15) Acrylonitrile	3.15	53	163351	99.61	ug/l	99
16) Acetone	2.45	43	142751	99.26	ug/l	98
17) Carbon Disulfide	2.57	76	145697	18.13	ug/l	100
18) Methyl Acetate	2.78	43	85036	20.96	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	184921	19.14	ug/l	98
20) Methylene Chloride	2.86	84	60962	20.26	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	59504	19.30	ug/l	96
22) Diisopropyl ether	3.88	45	194126	17.81	ug/l	98
23) Vinyl Acetate	3.83	43	843354	91.13	ug/l	98
24) 1,1-Dichloroethane	3.70	63	108553	19.13	ug/l	98
25) 2-Butanone	4.71	43	254238	99.90	ug/l	97
26) 2,2-Dichloropropane	4.59	77	88636	17.86	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	70582	18.63	ug/l	98
28) Bromochloromethane	5.03	49	55533	19.43	ug/l	88
29) Tetrahydrofuran	5.17	42	162180	98.19	ug/l	96
30) Chloroform	5.22	83	119038	19.07	ug/l	98
31) Cyclohexane	5.57	56	101872	19.18	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	106882	19.41	ug/l	97
36) 1,1-Dichloropropene	5.80	75	86957	18.71	ug/l	99
37) Ethyl Acetate	4.87	43	95734	18.79	ug/l	98
38) Carbon Tetrachloride	5.79	117	93288	18.35	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101017	18.45	ug/l	98
40) Benzene	6.15	78	262766	19.08	ug/l	98
41) Methacrylonitrile	5.07	41	53757	19.27	ug/l	95
42) 1,2-Dichloroethane	6.20	62	95741	18.60	ug/l	98
43) Isopropyl Acetate	6.47	43	149743	18.71	ug/l	97
44) Trichloroethene	7.22	130	75996	18.66	ug/l	95
45) 1,2-Dichloropropane	7.52	63	64711	18.07	ug/l	98
46) Dibromomethane	7.67	93	45067	18.46	ug/l	92
47) Bromodichloromethane	7.90	83	81595	18.12	ug/l	95
48) Methyl methacrylate	7.78	41	77815	18.96	ug/l	94
49) 1,4-Dioxane	7.76	88	32643	380.43	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	492760	98.92	ug/l	97
52) Toluene	8.79	92	165518	19.01	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	97475	18.39	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	88357	18.32	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	66774	18.49	ug/l	97
56) Ethyl methacrylate	9.18	69	93011	18.80	ug/l	92
57) 1,3-Dichloropropane	9.38	76	109157	18.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	248871	104.28	ug/l	97
59) 2-Hexanone	9.50	43	373063	98.60	ug/l	95
60) Dibromochloromethane	9.59	129	67865	17.99	ug/l	100
61) 1,2-Dibromoethane	9.68	107	71675	18.93	ug/l	100
64) Tetrachloroethene	9.34	164	85638	19.09	ug/l	97
65) Chlorobenzene	10.14	112	188888	18.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	68848	18.93	ug/l	100
67) Ethyl Benzene	10.26	91	309349	18.97	ug/l	98
68) m/p-Xylenes	10.36	106	243934	38.46	ug/l	98
69) o-Xylene	10.70	106	118156	19.23	ug/l	97
70) Styrene	10.71	104	190948	19.16	ug/l	98
71) Bromoform	10.86	173	52762	17.63	ug/l	98
73) Isopropylbenzene	11.02	105	321955	19.61	ug/l	100
74) N-amyl acetate	6.47	43	149743	19.12	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	98844	19.42	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96586m	21.50	ug/l	
77) Bromobenzene	11.26	156	90620	19.12	ug/l	96
78) n-propylbenzene	11.37	91	357230	19.57	ug/l	98
79) 2-Chlorotoluene	11.43	91	215148	19.35	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	268822	19.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24634	17.92	ug/l	99
82) 4-Chlorotoluene	11.51	91	249527	19.22	ug/l	97
83) tert-Butylbenzene	11.77	119	265330	19.43	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	276397	19.75	ug/l	99
85) sec-Butylbenzene	11.95	105	315409	19.55	ug/l	98
86) p-Isopropyltoluene	12.07	119	284583	19.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	162622	18.71	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	164989	18.75	ug/l	99
89) n-Butylbenzene	12.39	91	232521	18.93	ug/l	99
90) Hexachloroethane	12.60	117	39498	17.60	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	162789	18.65	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20178	18.47	ug/l	90

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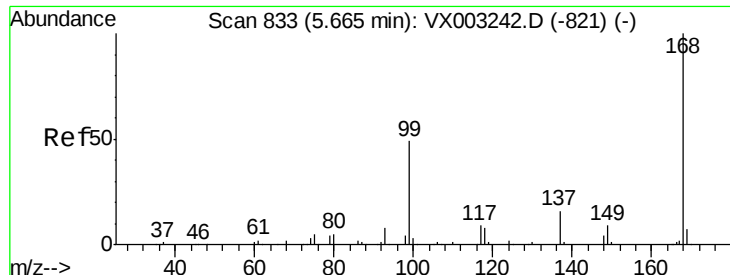
Manual Integrations
APPROVED

MMDadoda
7/10/2018 3:11:48 PM

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121998	19.20	ug/l	99
94) Hexachlorobutadiene	13.79	225	60687	19.19	ug/l	98
95) Naphthalene	13.84	128	339653	20.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	123884	19.55	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion:168 Resp: 257408

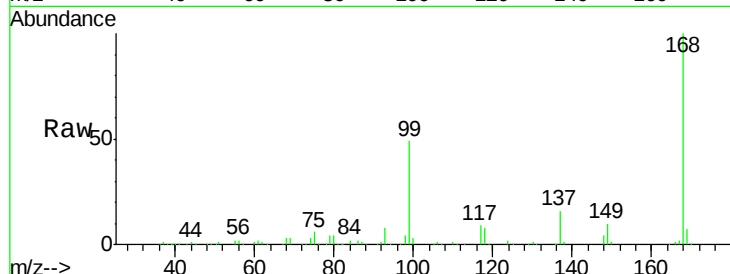
Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9

Manual Integrations
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7/10/2018 3:11:48 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

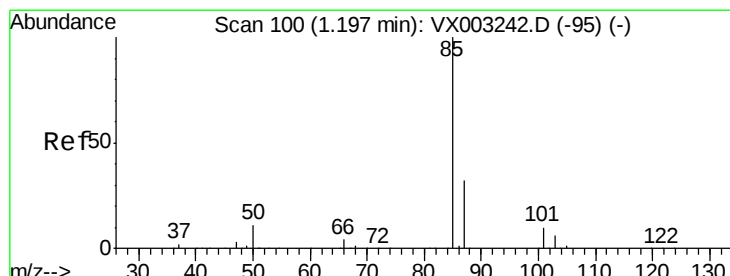
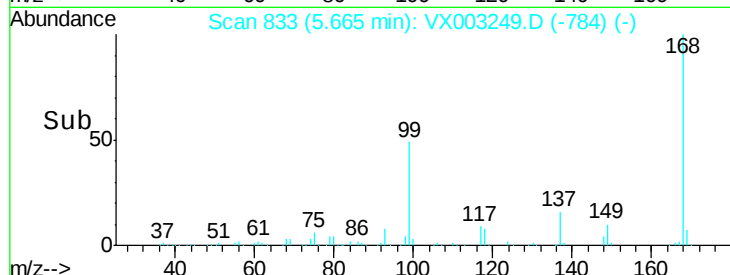
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.18 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003249.D

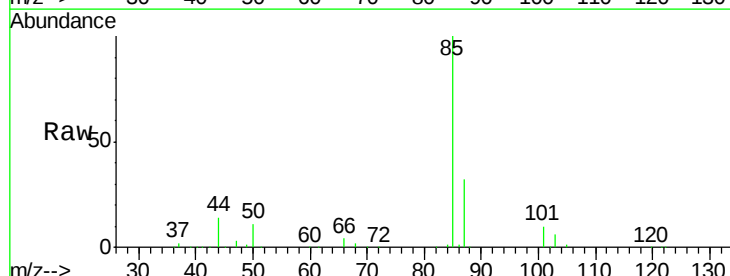
Acq: 09 Jul 2018 16:57

Tgt Ion: 85 Resp: 78966

Ion Ratio Lower Upper

85 100

87 32.2 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

80000

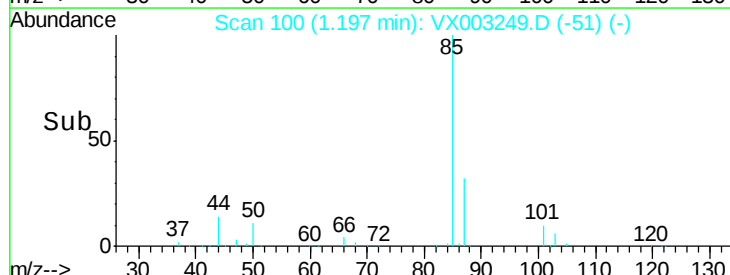
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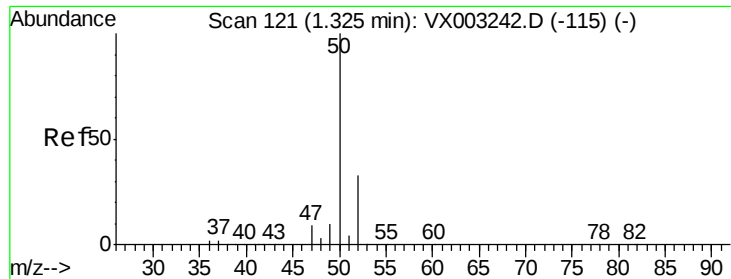
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20000

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Time-->





#3

Chloromethane

Concen: 19.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 50 Resp: 68674

Ion Ratio Lower Upper

50 100

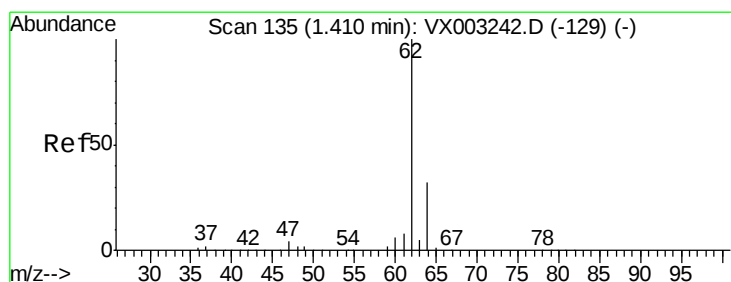
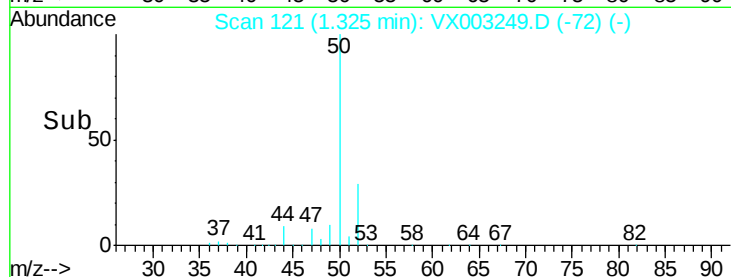
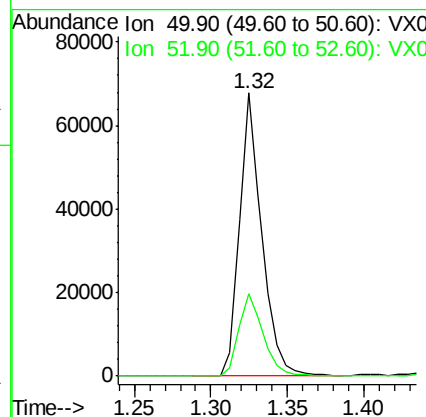
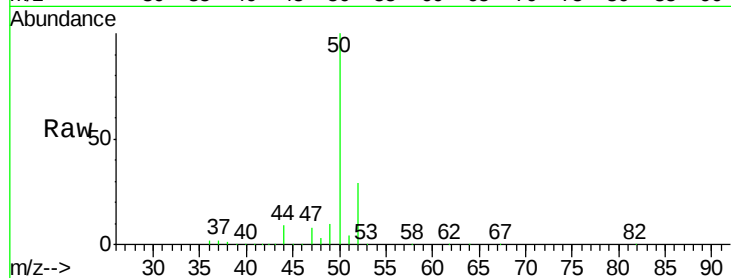
52 29.3 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.81 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003249.D

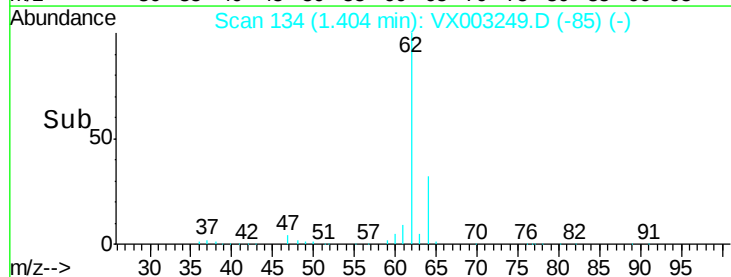
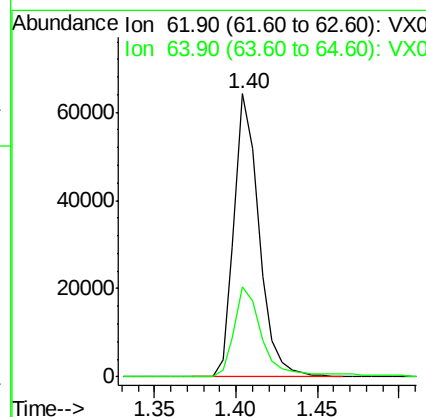
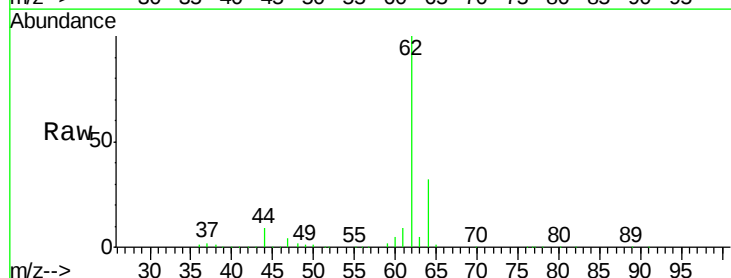
Acq: 09 Jul 2018 16:57

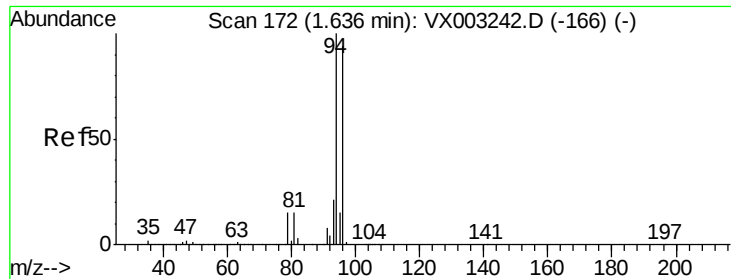
Tgt Ion: 62 Resp: 68708

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 29.32 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 94 Resp: 31171

Ion Ratio Lower Upper

94 100

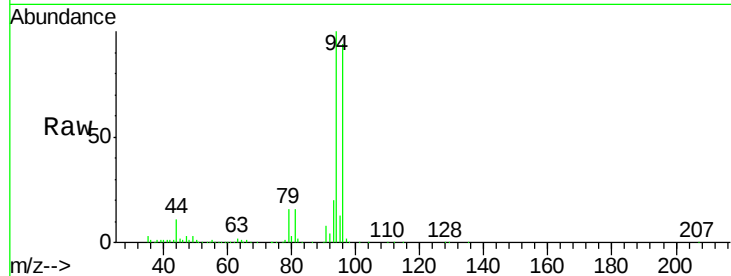
96 93.8 74.9 112.3

Manual Integrations

APPROVED

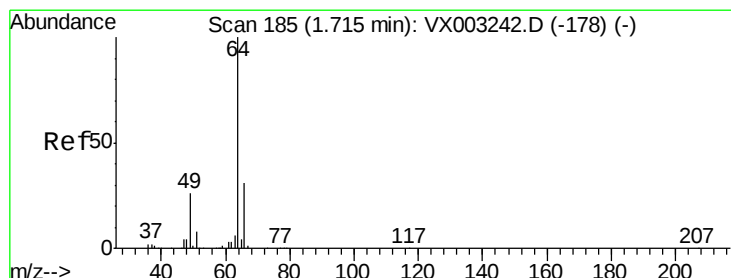
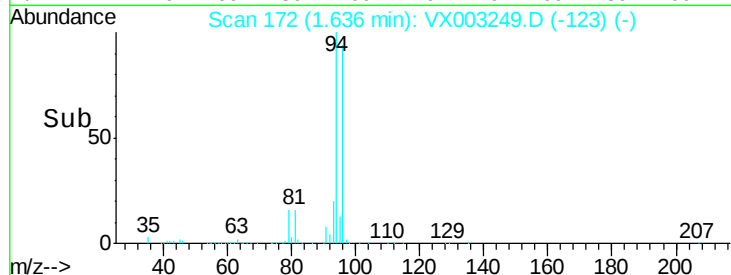
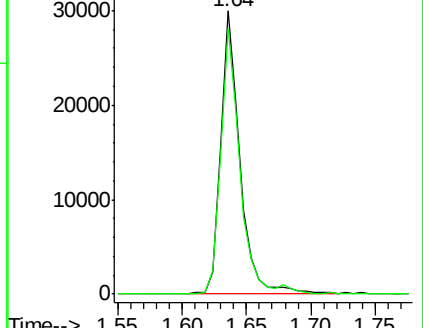
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.95 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003249.D

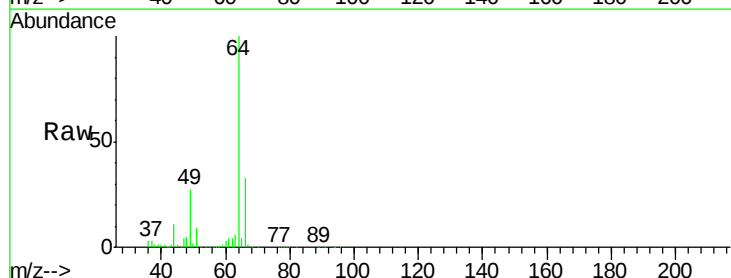
Acq: 09 Jul 2018 16:57

Tgt Ion: 64 Resp: 40359

Ion Ratio Lower Upper

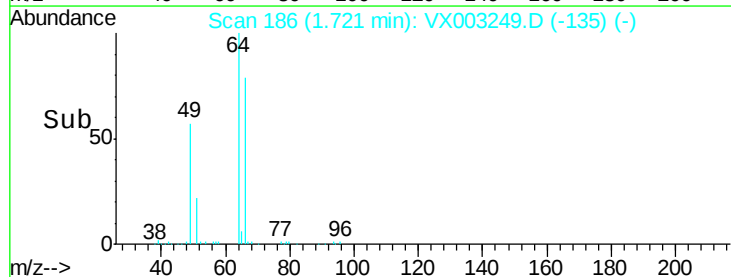
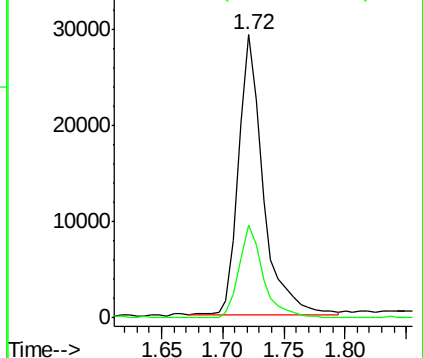
64 100

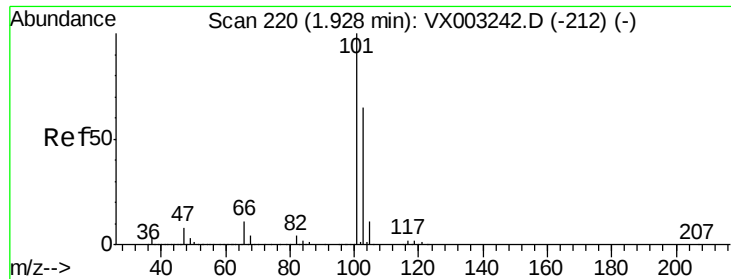
66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

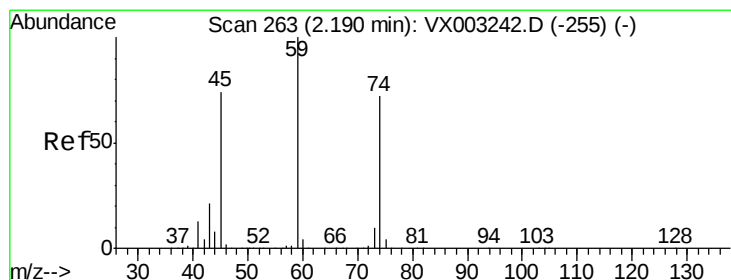
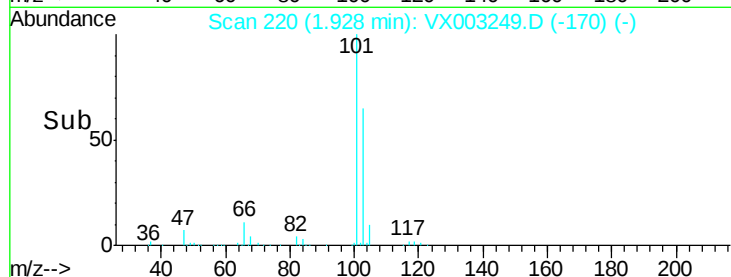
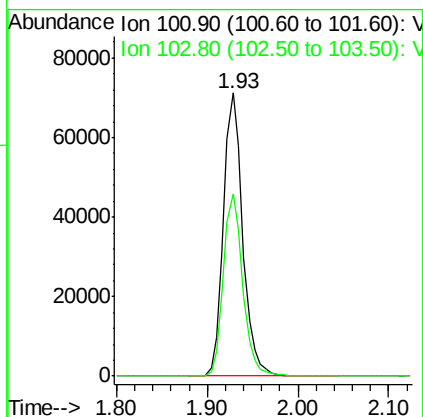
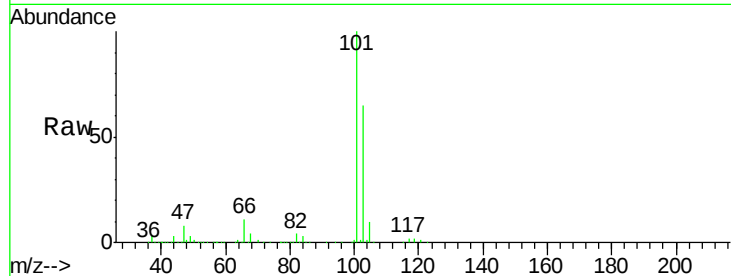
Trichlorofluoromethane
 Concen: 19.46 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Instrument :
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 ClientSampleId :
 VX0709MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.8	79.2

Manual Integrations
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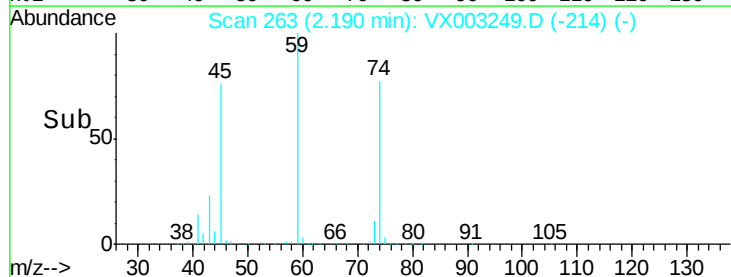
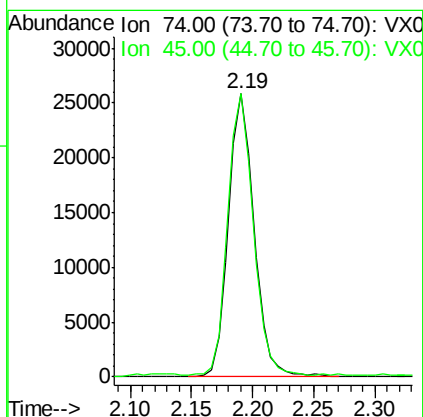
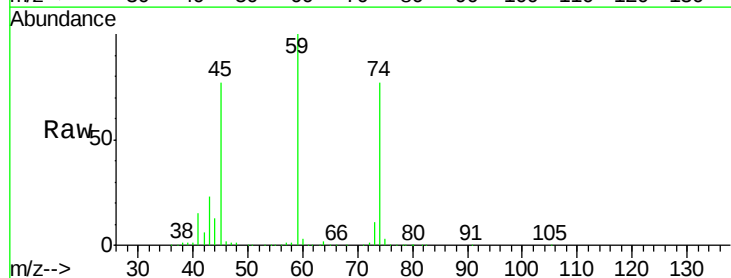
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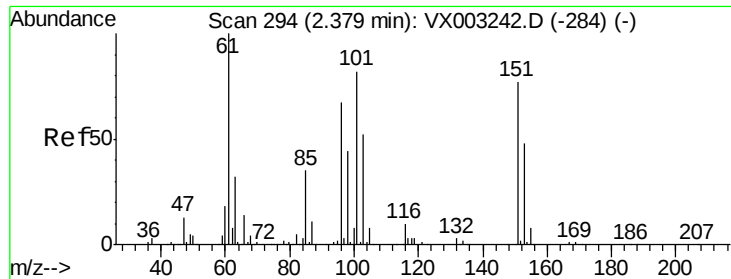


#8

Diethyl Ether
 Concen: 19.09 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.95 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

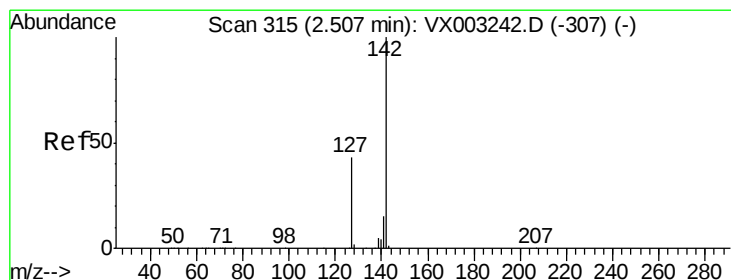
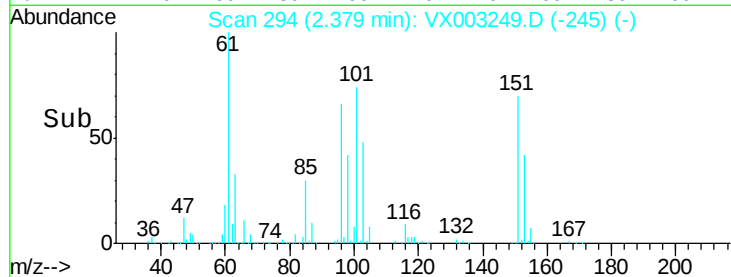
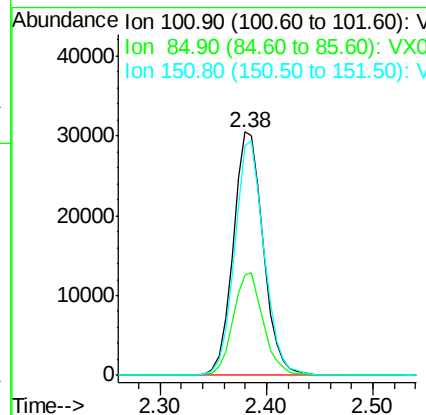
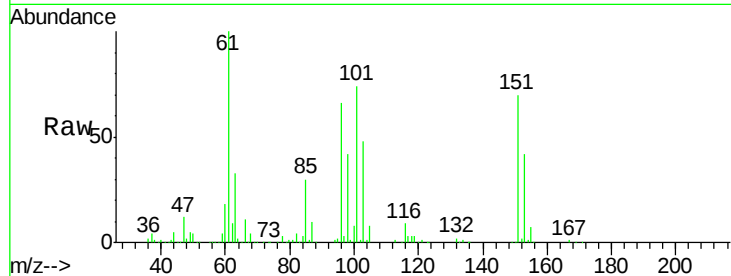
ClientSampleId :

VX0709MBS01

Tot Ion:	101	Resp:	60242
Ion Ratio	Lower	Upper	
101	100		
85	42.2	36.0	54.0
151	95.1	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 17.30 ug/l

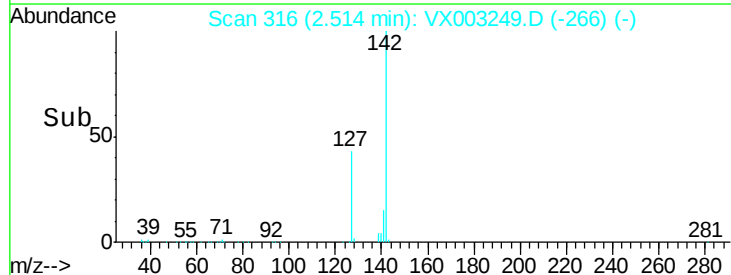
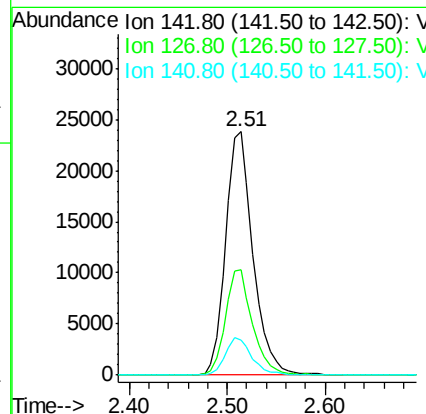
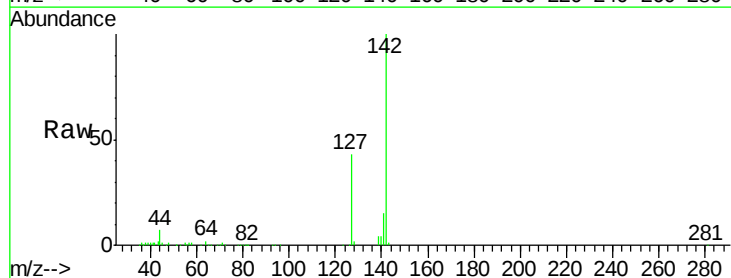
RT: 2.51 min Scan# 316

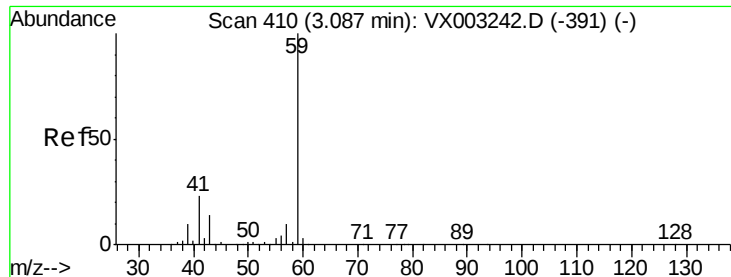
Delta R.T. 0.01 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Tgt Ion:	142	Resp:	46085
Ion Ratio	Lower	Upper	
142	100		
127	42.8	36.6	55.0
141	15.0	11.3	16.9





#11

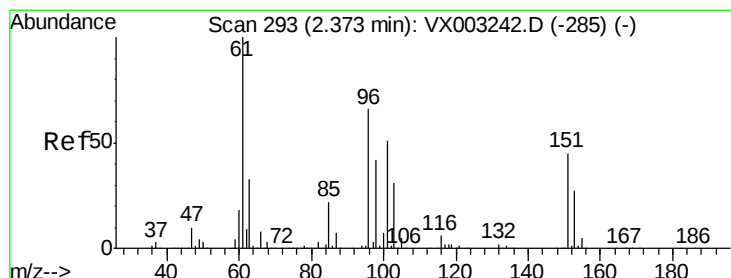
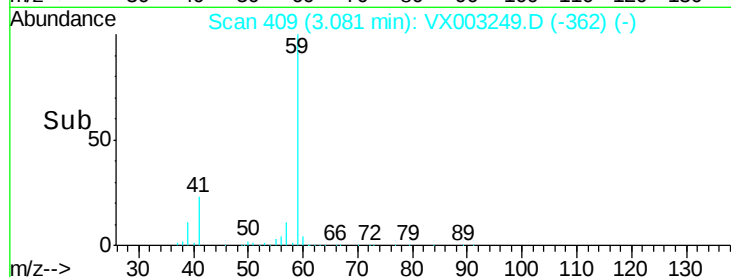
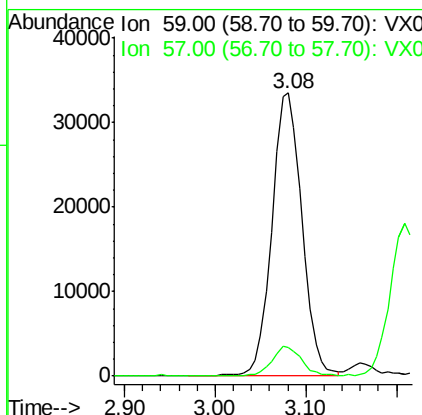
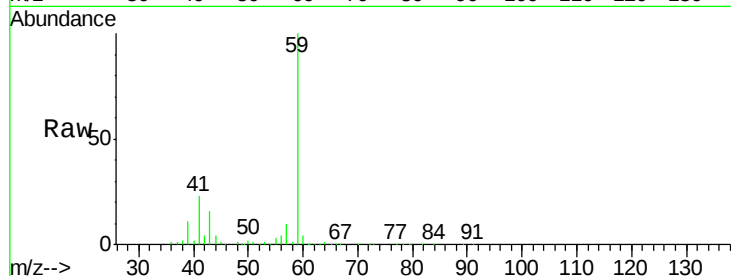
Tert butyl alcohol
Concen: 104.51 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion	59	Resp	76755
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.2

Manual Integrations
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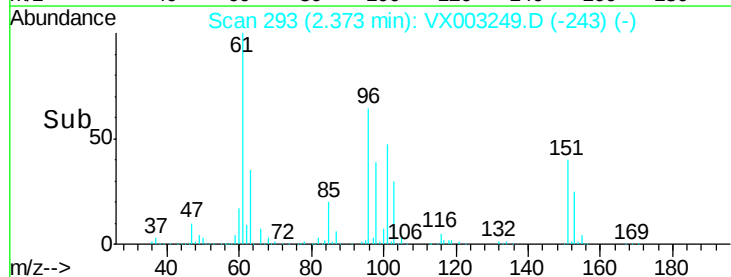
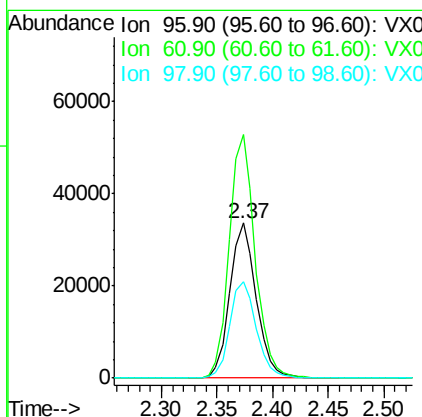
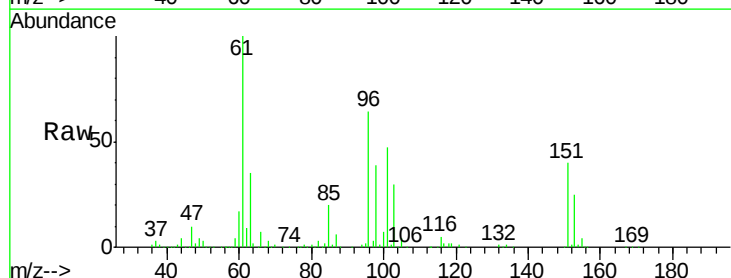
MMDadoda
7/10/2018 3:11:48 PM

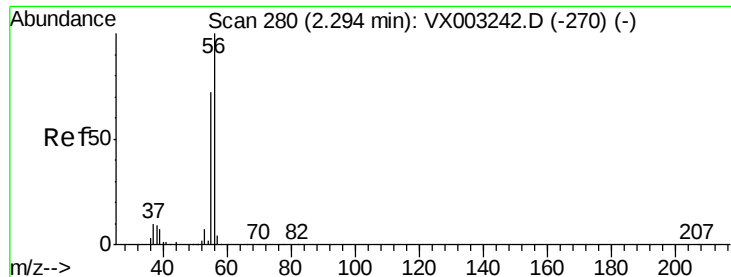


#12

1,1-Dichloroethene
Concen: 19.08 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion	96	Resp	55189
Ion Ratio	100	Lower	Upper
61	157.0	137.9	206.9
98	61.9	51.6	77.4





#13

Acrolein

Concen: 92.76 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 56 Resp: 54898

Ion Ratio Lower Upper

56 100

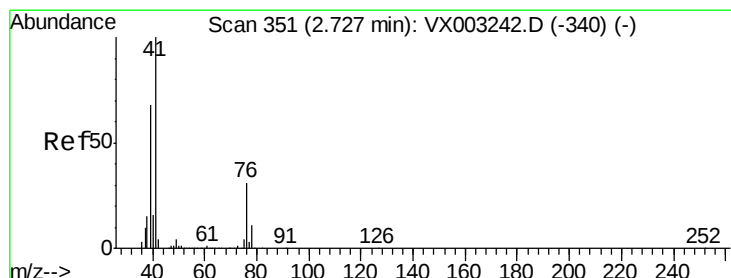
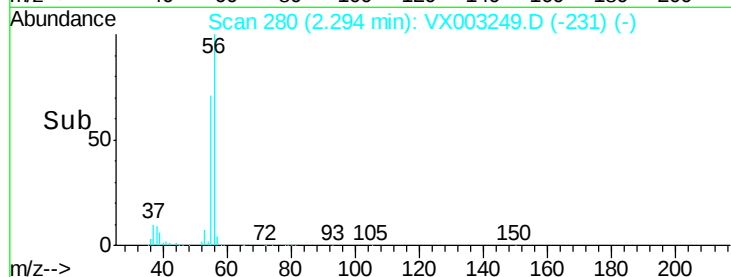
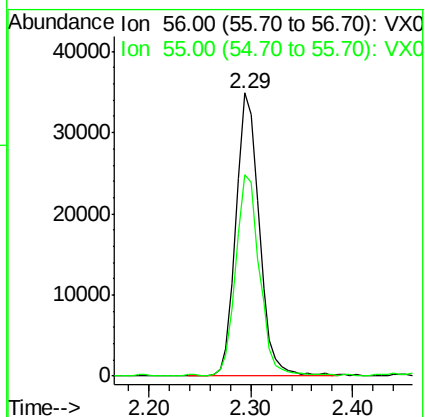
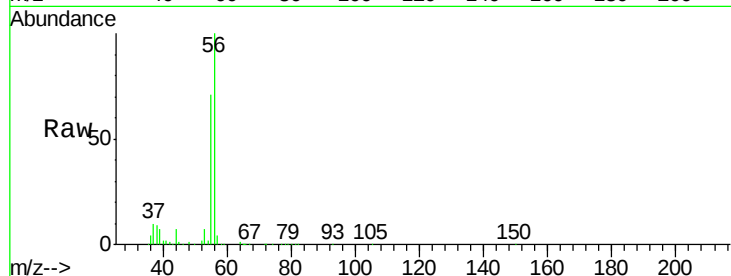
55 71.7 57.0 85.4

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 19.24 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

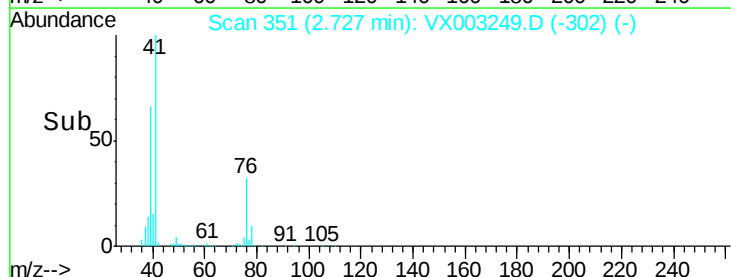
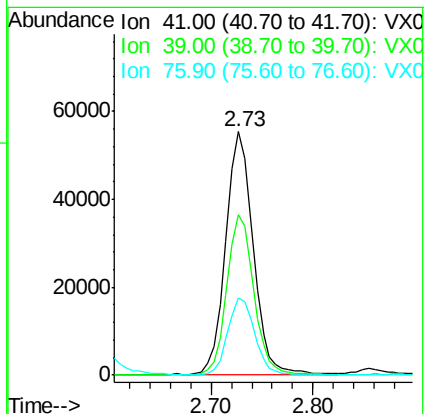
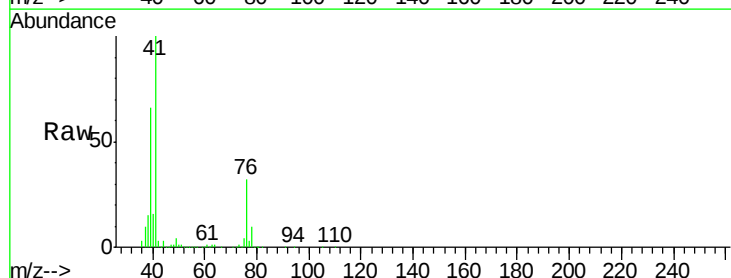
Tgt Ion: 41 Resp: 103070

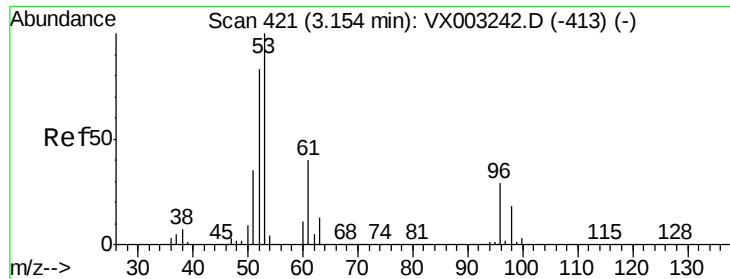
Ion Ratio Lower Upper

41 100

39 64.5 56.8 85.2

76 31.1 23.8 35.8





#15

Acrylonitrile

Concen: 99.61 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

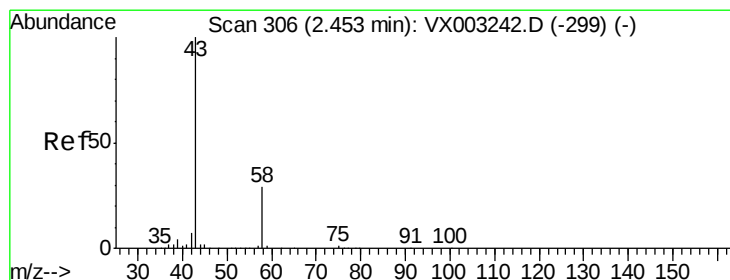
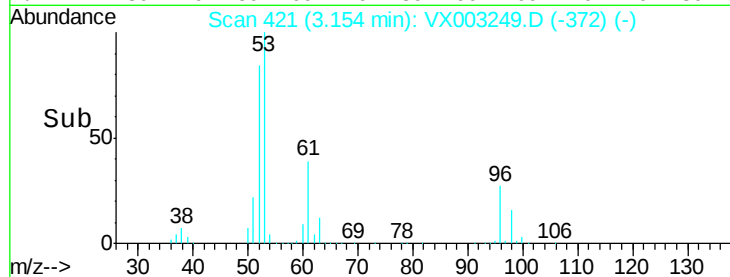
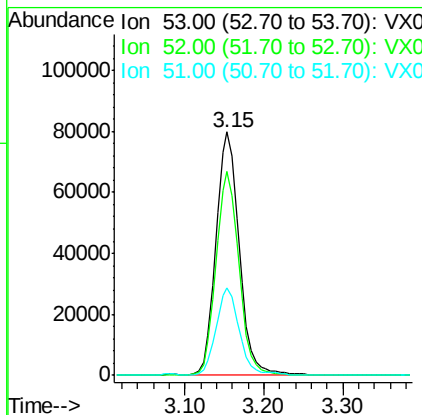
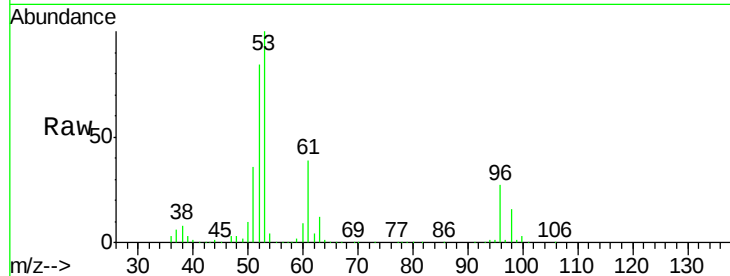
ClientSampleId :

VX0709MBS01

Tot Ion:	53	Resp:	163351
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.7	100.1
51	35.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 99.26 ug/l

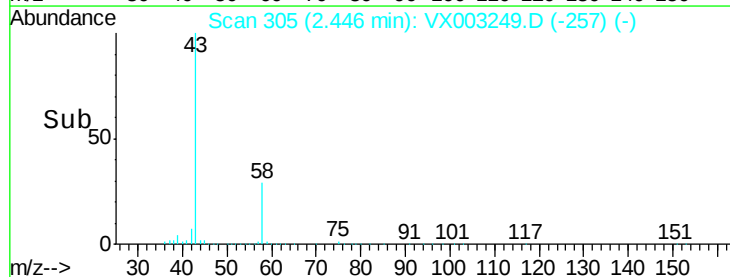
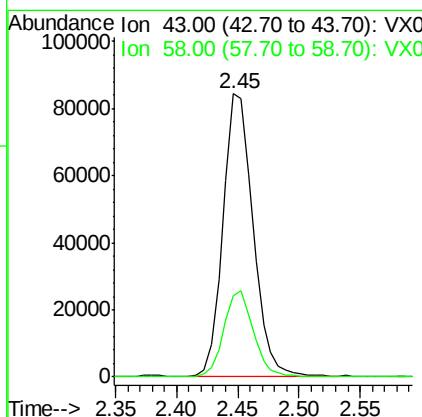
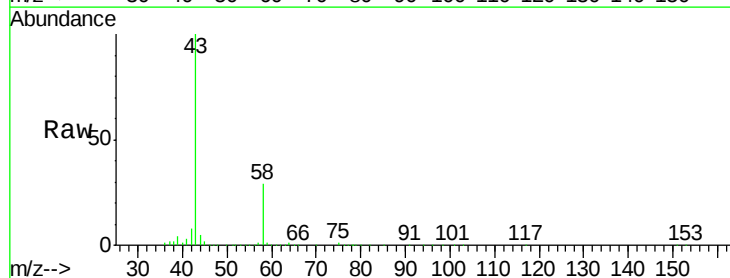
RT: 2.45 min Scan# 305

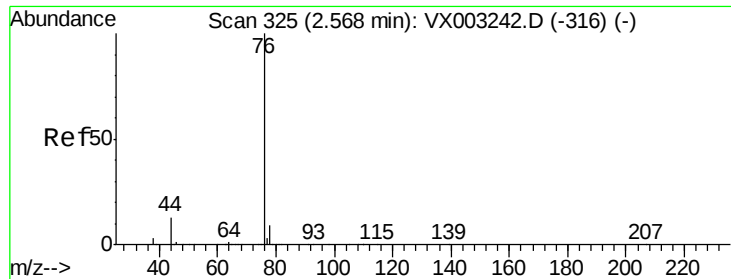
Delta R.T. -0.01 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Tgt Ion:	43	Resp:	142751
Ion Ratio	Lower	Upper	
43	100		
58	28.6	22.1	33.1





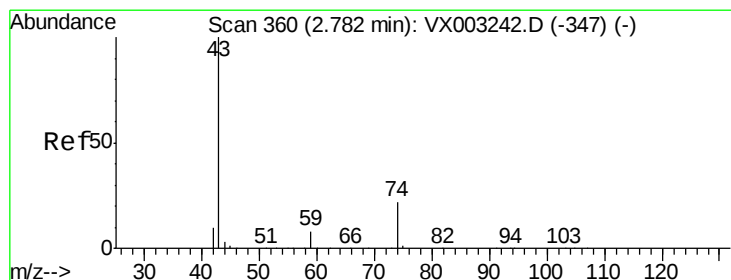
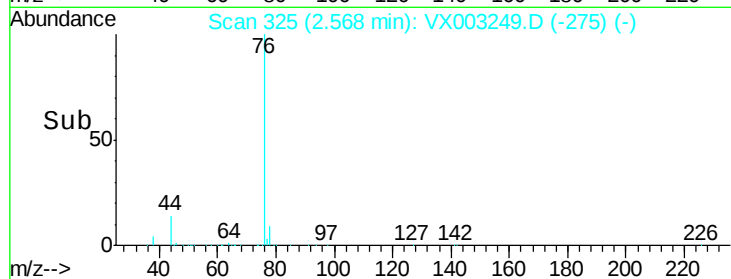
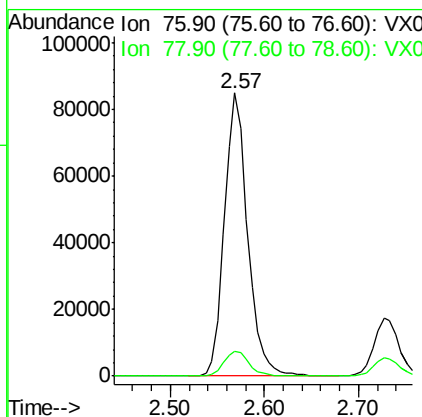
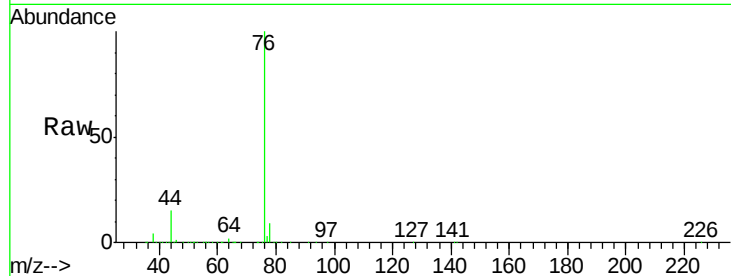
#17
Carbon Disulfide
Concen: 18.13 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.9	10.3

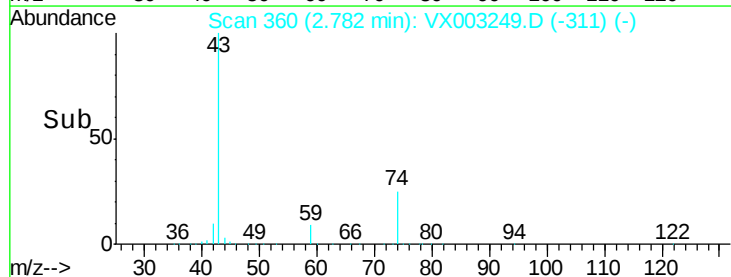
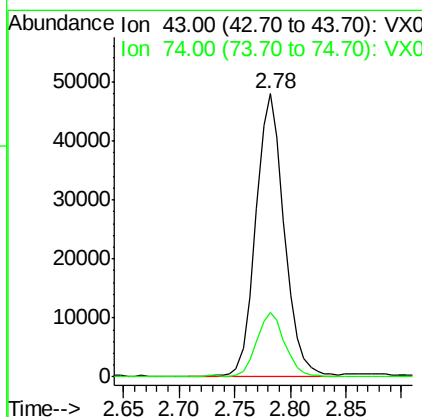
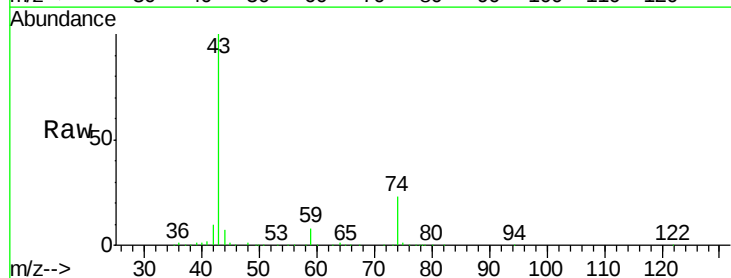
Manual Integrations
APPROVED

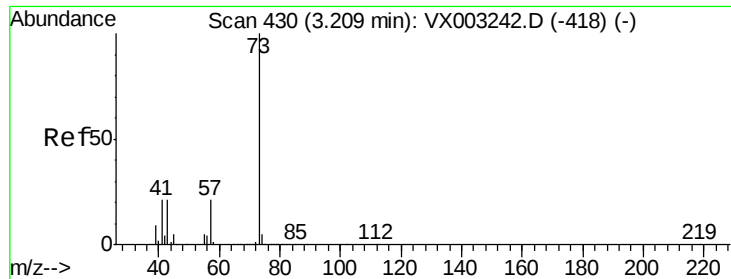
MMDadoda
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#18
Methyl Acetate
Concen: 20.96 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	16.7	25.1





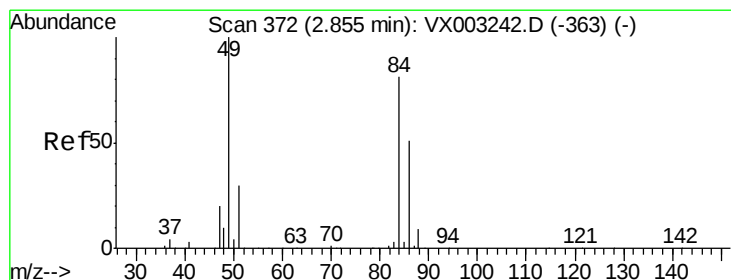
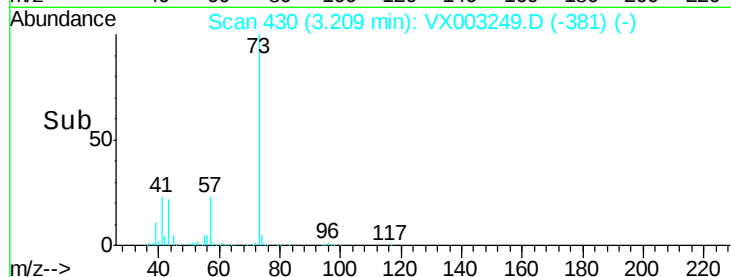
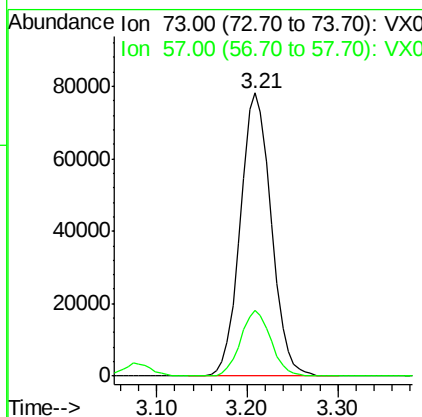
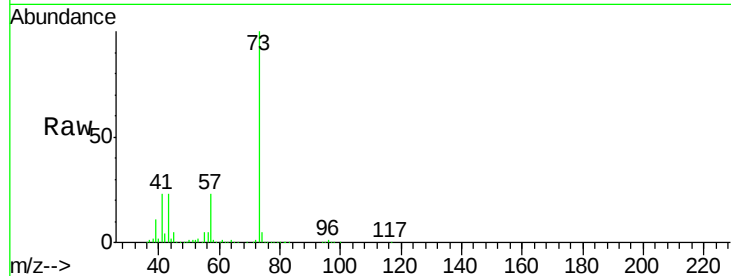
#19
Methyl tert-butyl Ether
Concen: 19.14 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion: 73 Resp: 184921
Ion Ratio Lower Upper
73 100
57 23.0 17.7 26.5

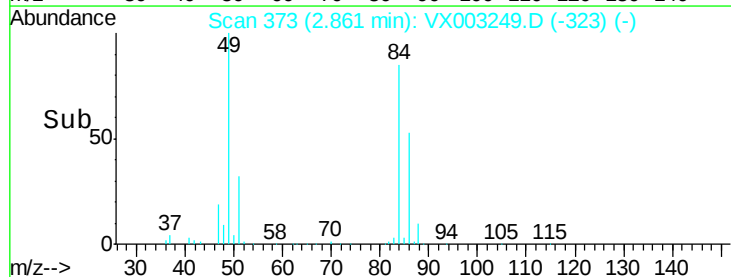
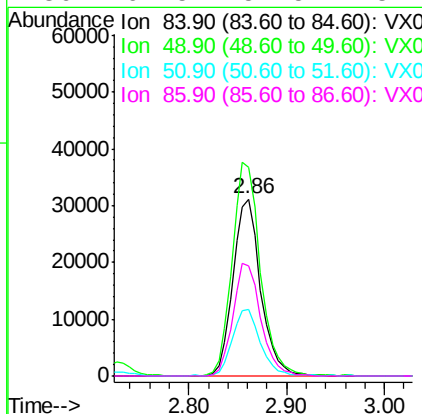
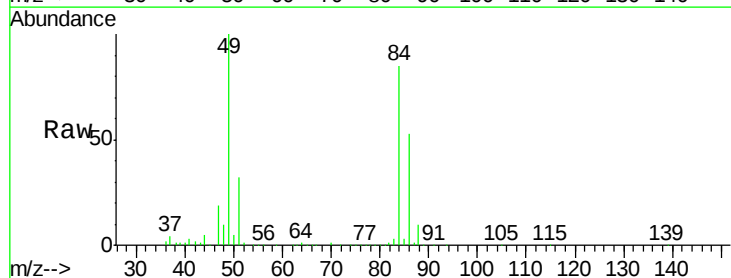
Manual Integrations
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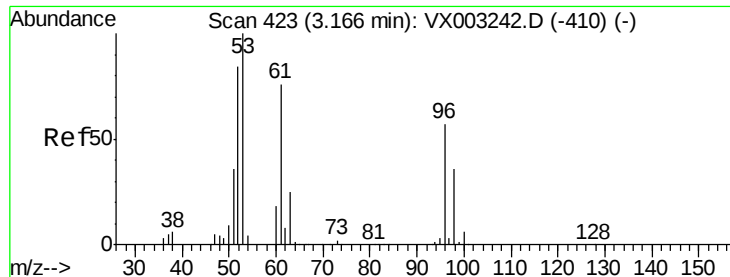
MMDadoda
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#20
Methylene Chloride
Concen: 20.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion: 84 Resp: 60962
Ion Ratio Lower Upper
84 100
49 117.8 107.8 161.6
51 37.3 32.8 49.2
86 62.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

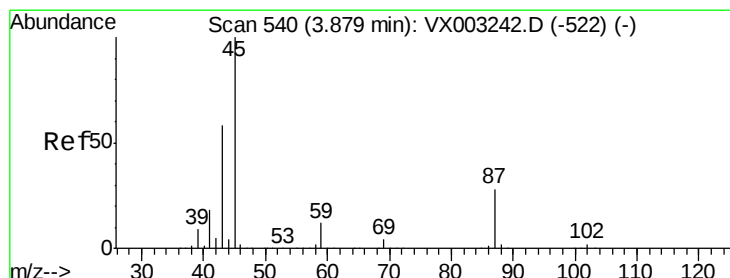
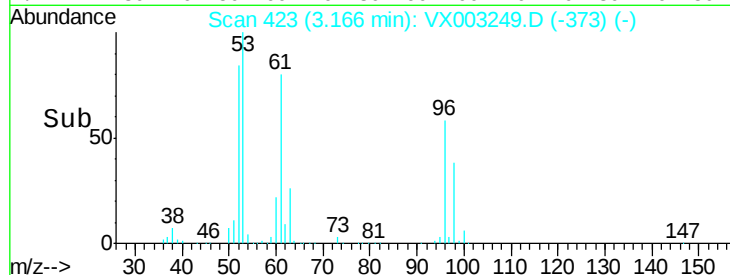
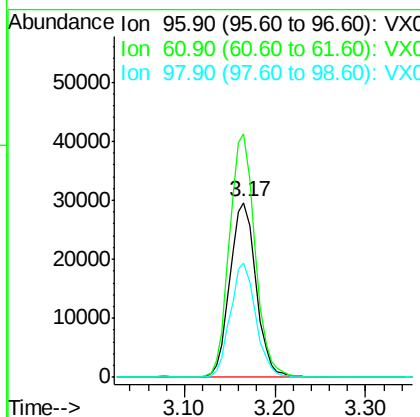
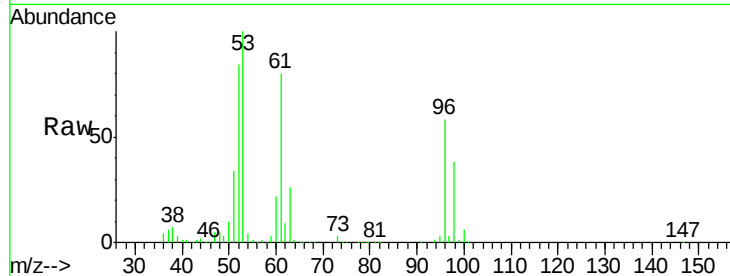
ClientSampleId :

VX0709MBS01

Tot Ion:	96	Resp:	59504
Ion	Ratio	Lower	Upper
96	100		
61	139.2	117.0	175.4
98	65.4	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.81 ug/l

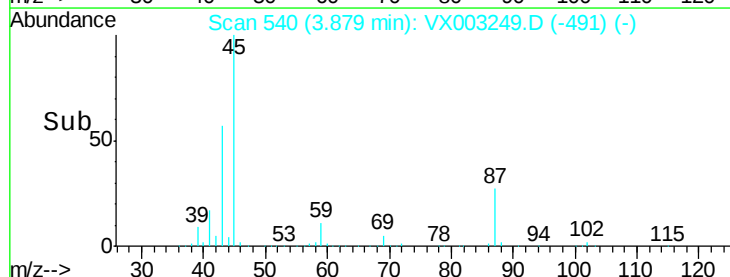
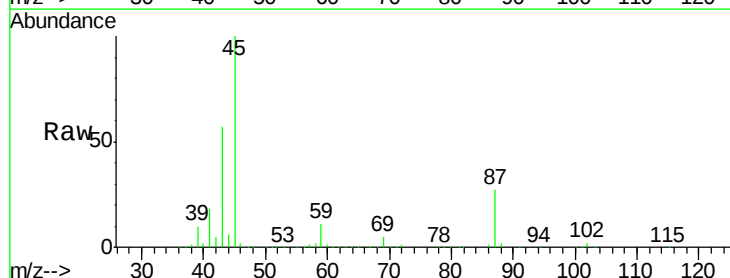
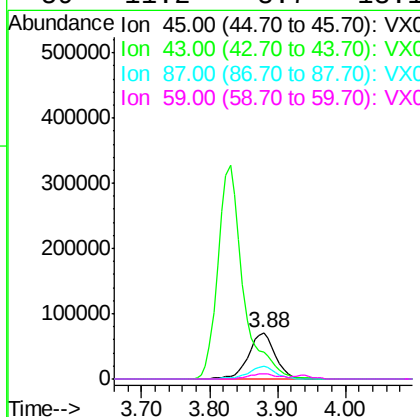
RT: 3.88 min Scan# 540

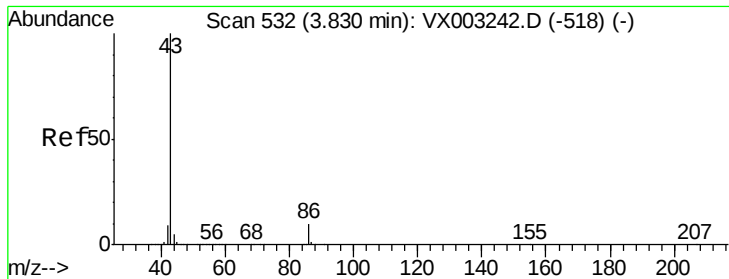
Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Tgt Ion:	45	Resp:	194126
Ion	Ratio	Lower	Upper
45	100		
43	56.7	46.8	70.2
87	27.0	20.2	30.4
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 91.13 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 43 Resp: 843354

Ion Ratio Lower Upper

43 100

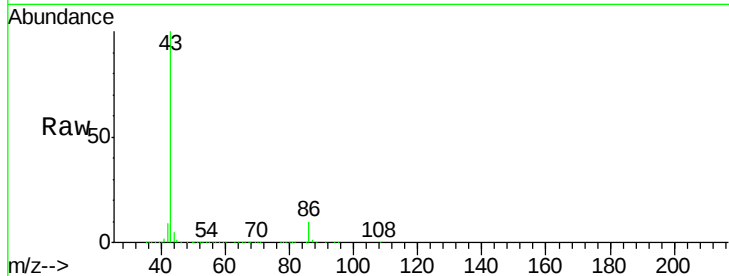
86 9.9 7.4 11.0

Manual Integrations

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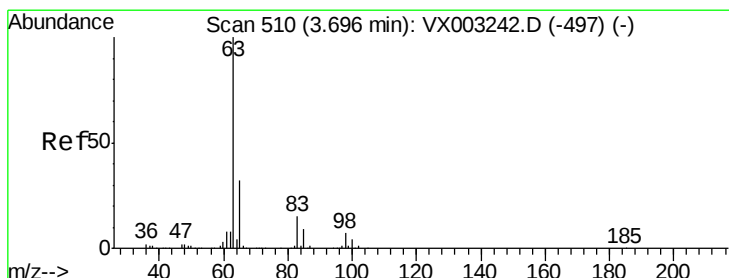
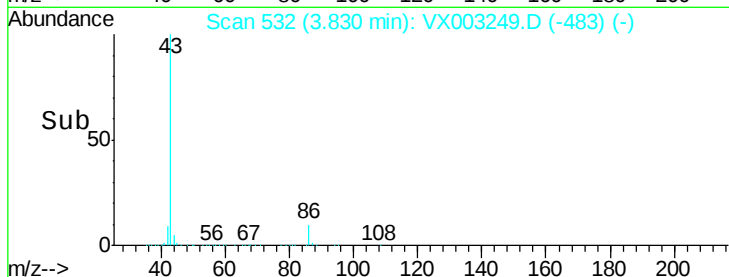
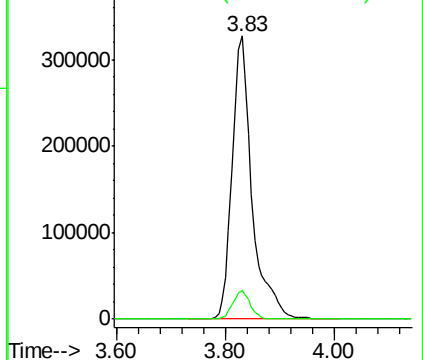
MMDadoda

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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: 19.13 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

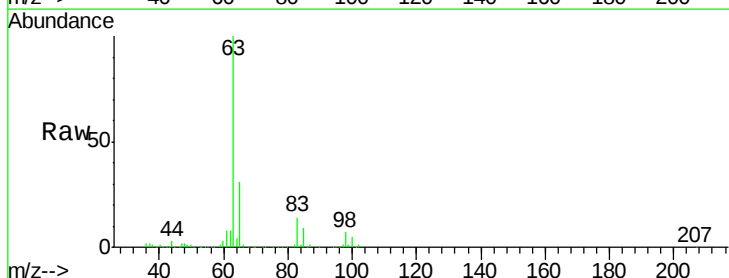
Tgt Ion: 63 Resp: 108553

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

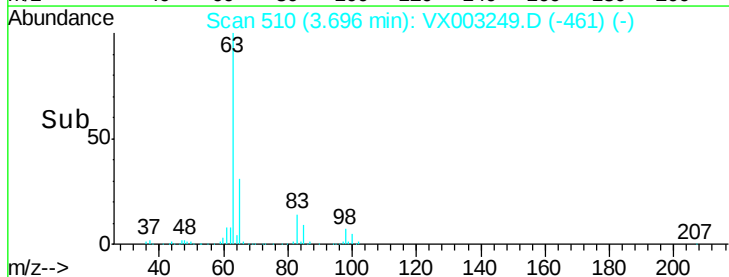
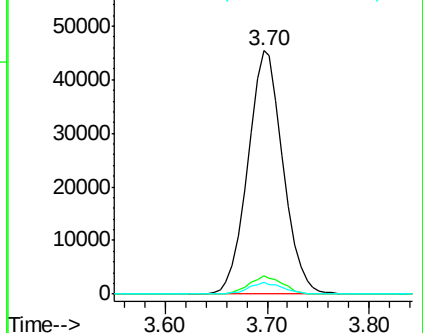
100 4.8 2.0 6.0

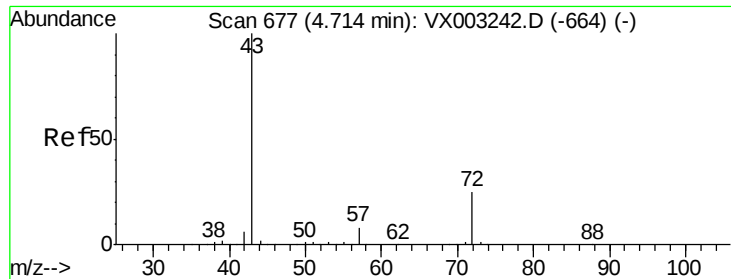


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.90 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 43 Resp: 254238

Ion Ratio Lower Upper

43 100

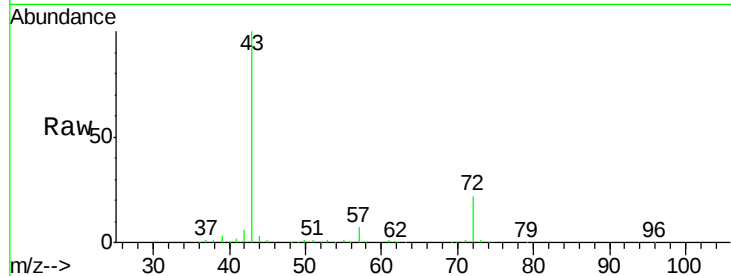
72 21.8 18.5 27.7

Manual Integrations

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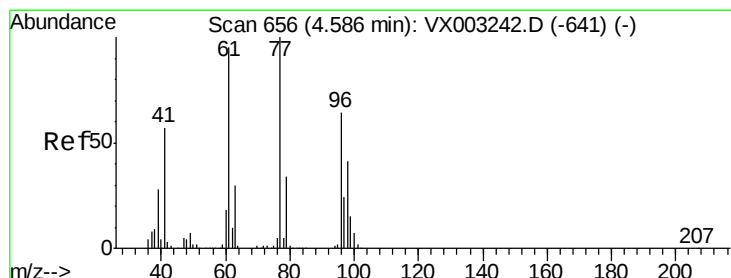
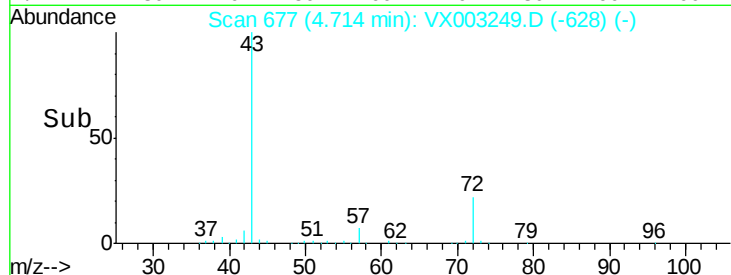
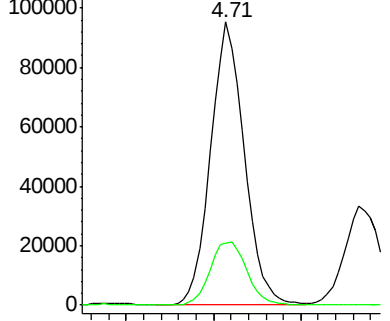
MMDadoda

7/10/2018 3:11:48 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: 17.86 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003249.D

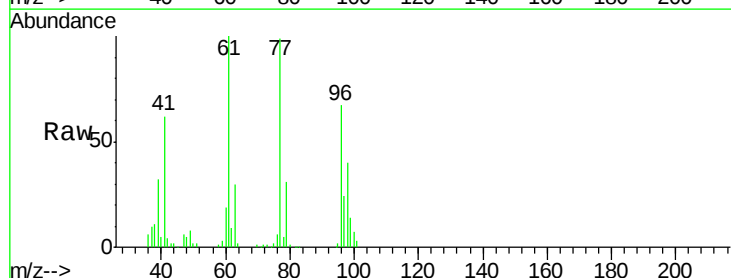
Acq: 09 Jul 2018 16:57

Tgt Ion: 77 Resp: 88636

Ion Ratio Lower Upper

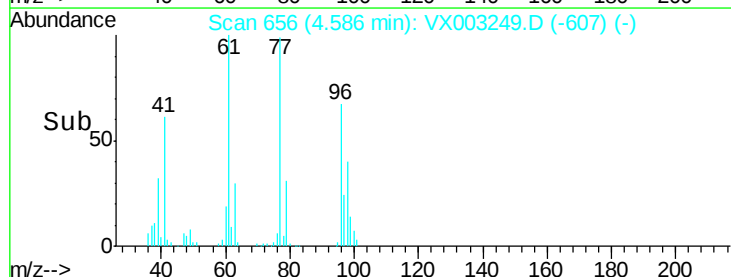
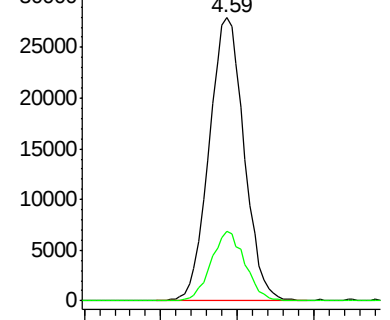
77 100

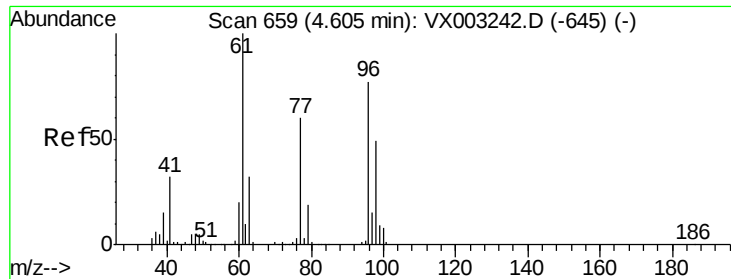
97 23.7 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

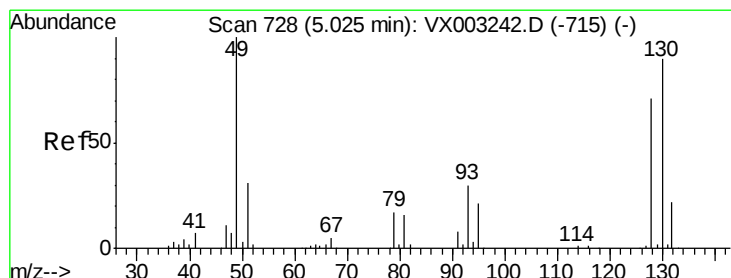
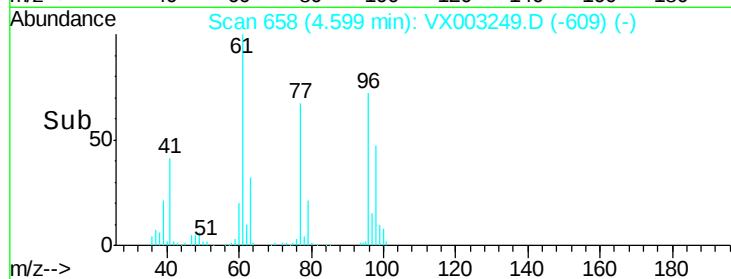
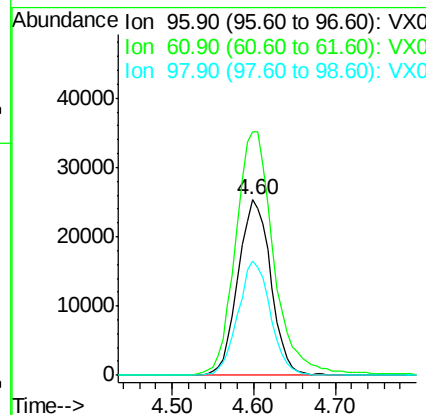
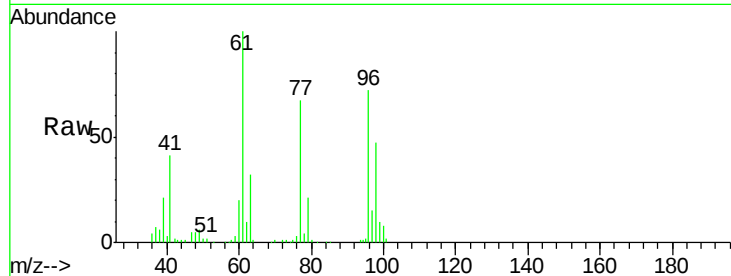
cis-1,2-Dichloroethene
 Concen: 18.63 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	330.2
98	64.6	0.0	130.2

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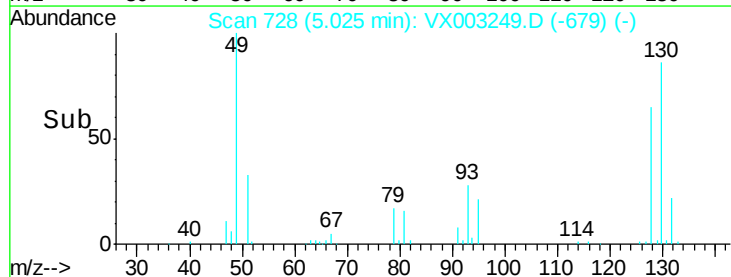
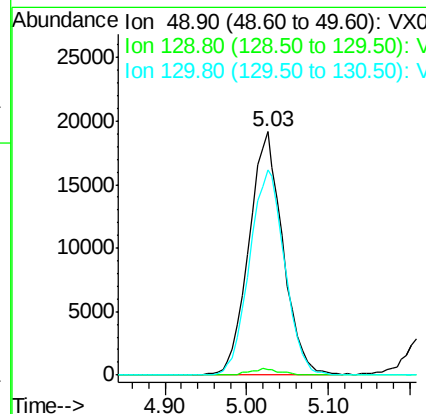
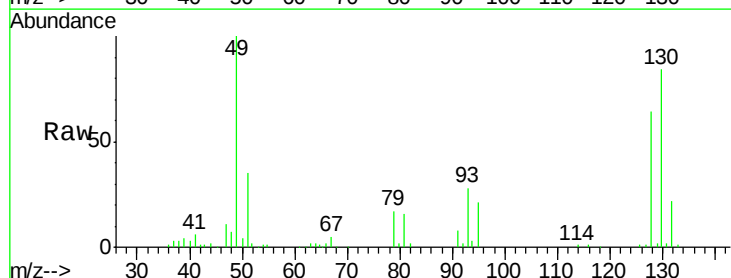
MMDadoda
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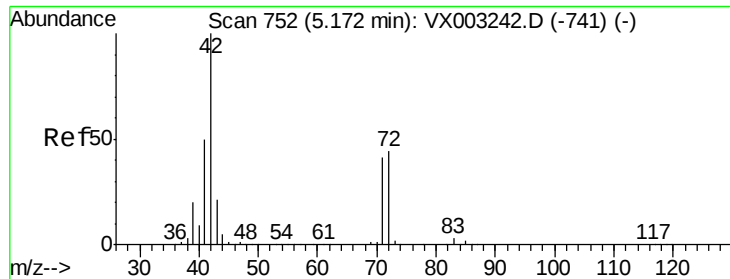


#28

Bromochloromethane
 Concen: 19.43 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	87.4	61.2	91.8





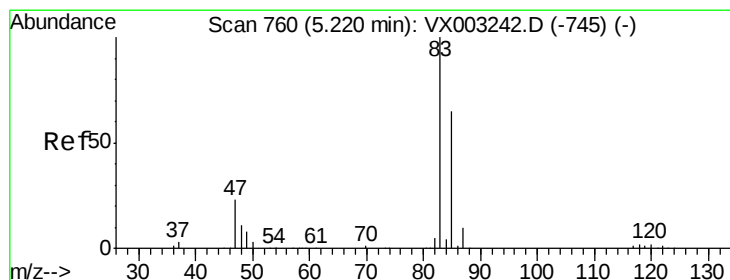
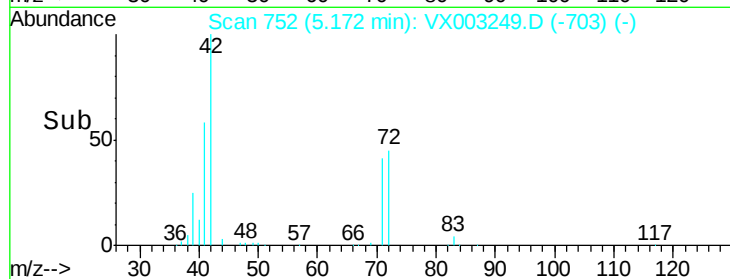
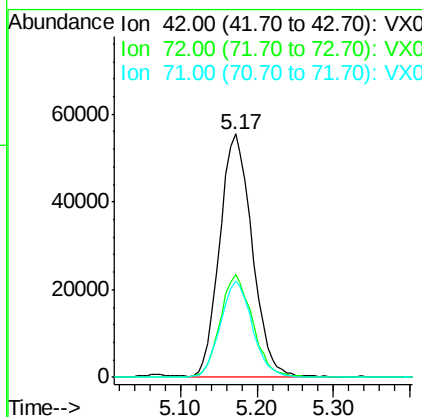
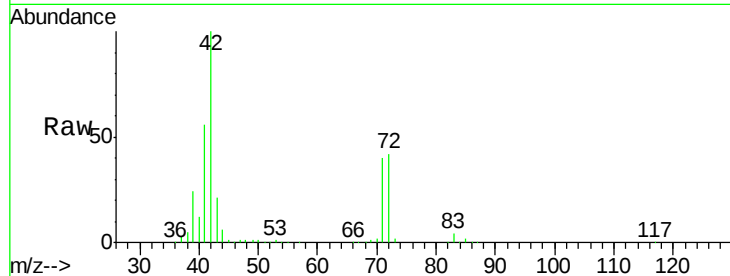
#29
Tetrahydrofuran
Concen: 98.19 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	32.0	48.0
71	39.2	30.1	45.1

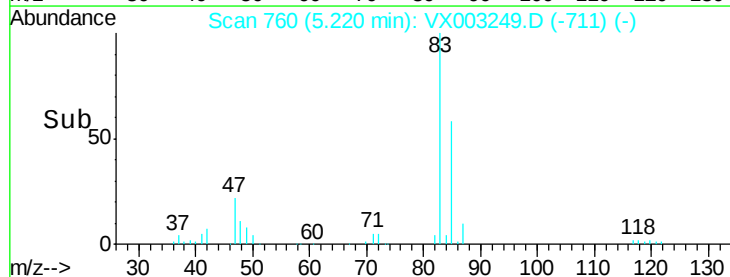
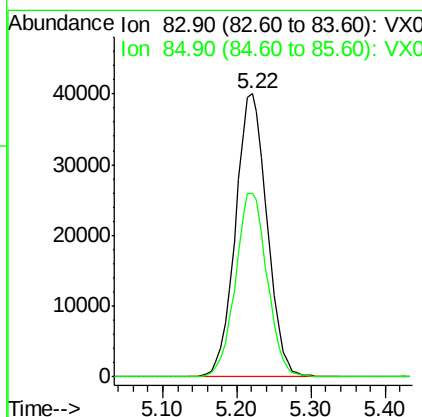
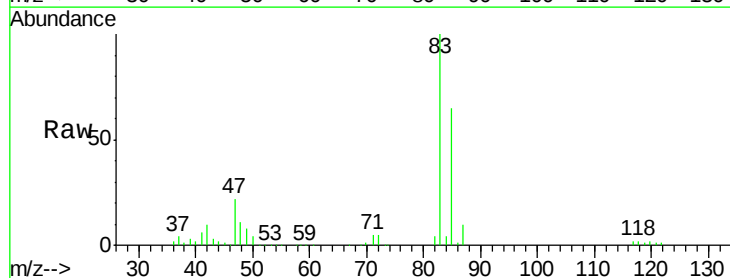
Manual Integrations
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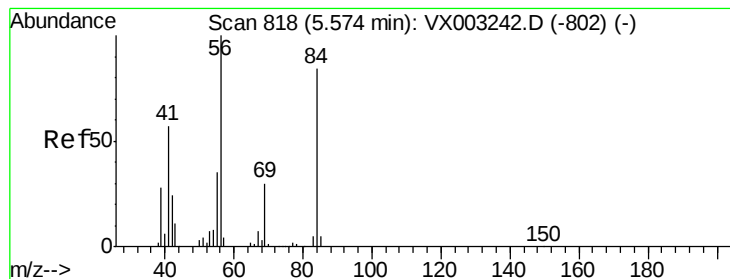
MMDadoda
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#30
Chloroform
Concen: 19.07 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.4	75.6





#31

Cyclohexane

Concen: 19.18 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 56 Resp: 101872

Ion Ratio Lower Upper

56 100

69 30.5 23.7 35.5

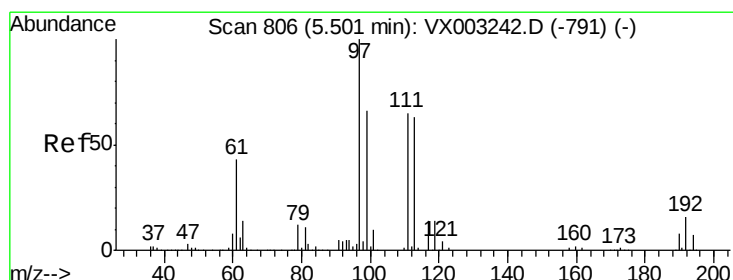
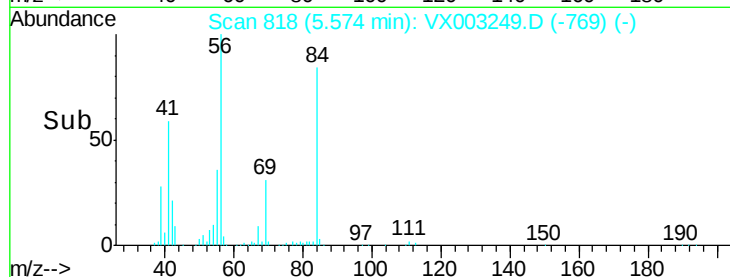
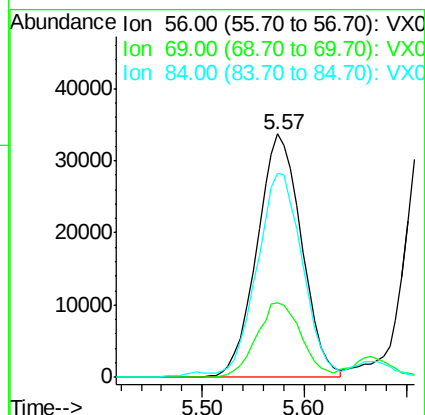
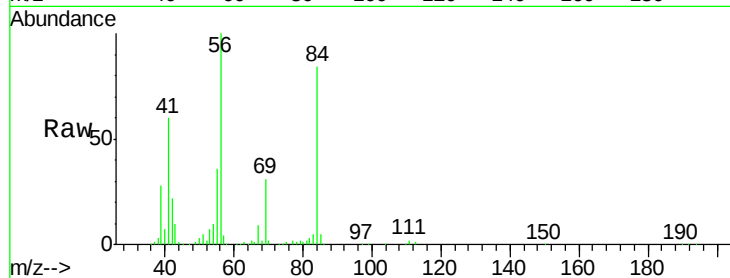
84 82.1 64.1 96.1

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.41 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

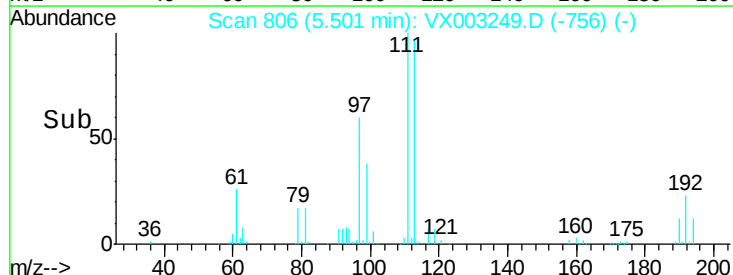
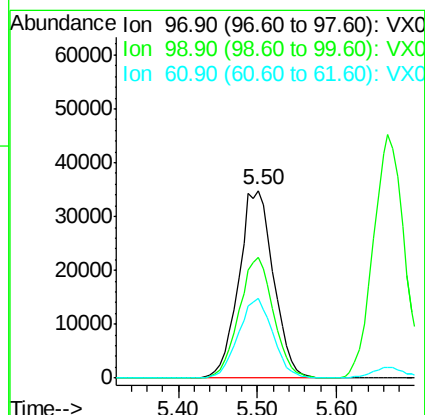
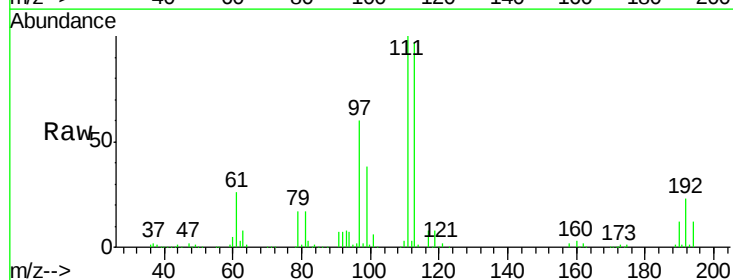
Tgt Ion: 97 Resp: 106882

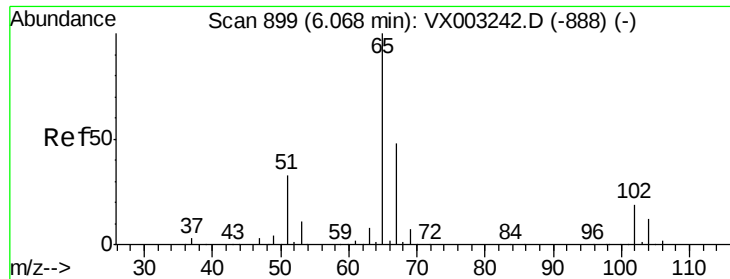
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 42.3 36.4 54.6





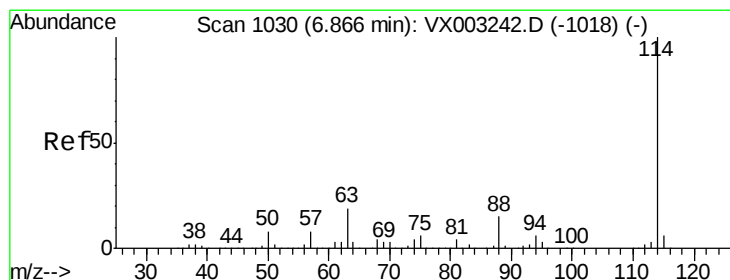
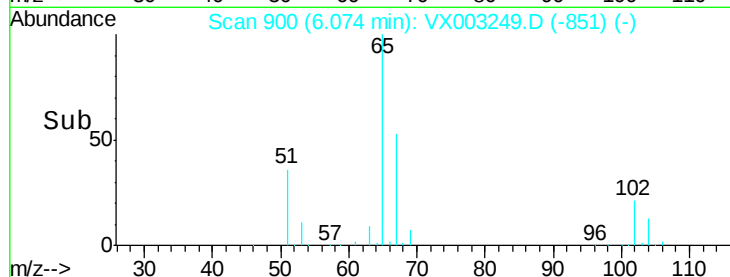
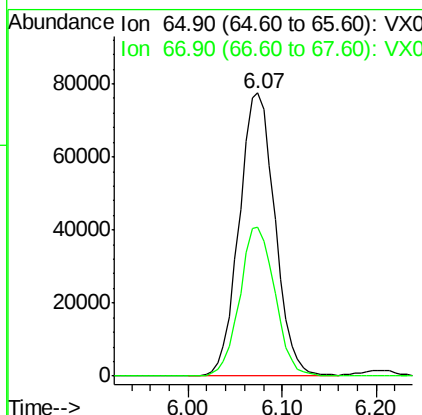
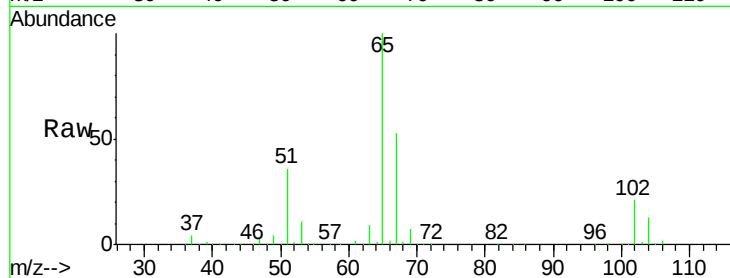
#33
 1,2-Dichloroethane-d4
 Concen: 50.53 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	204687		
67	52.1	0.0	102.6	

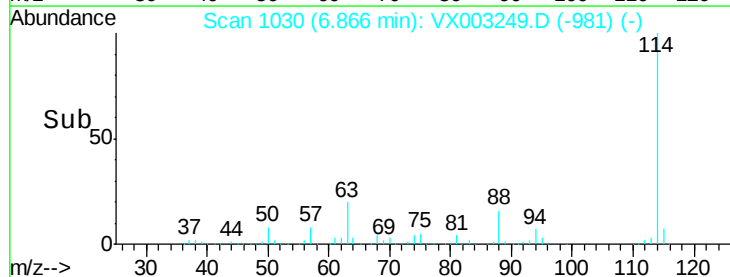
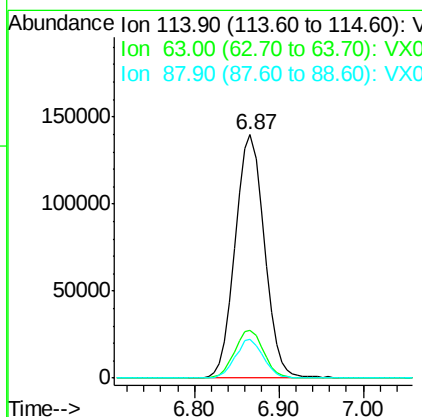
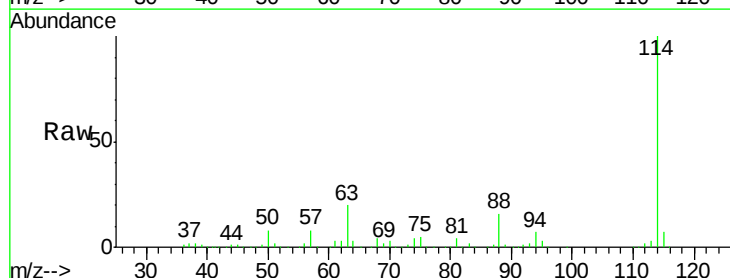
Manual Integrations
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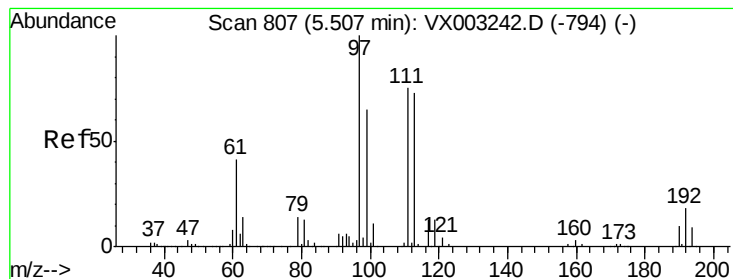
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	328334		
63	19.7	0.0	41.4	
88	15.8	0.0	30.0	





#35

Dibromofluoromethane

Concen: 47.86 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

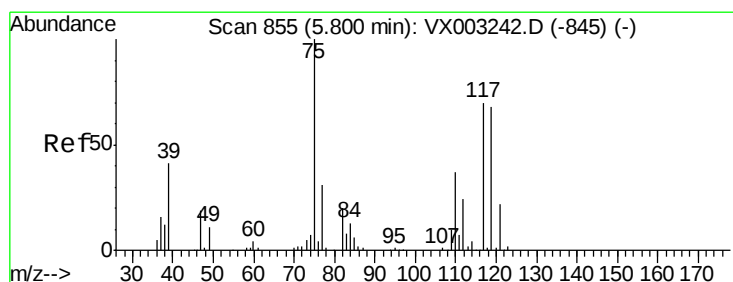
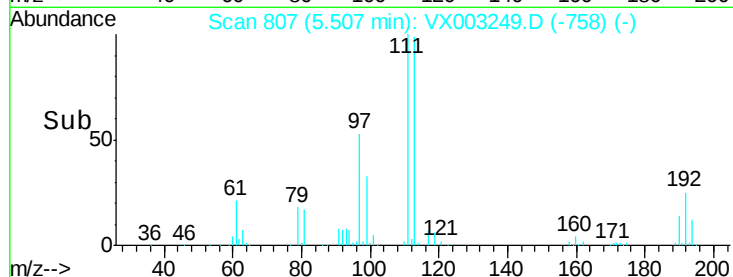
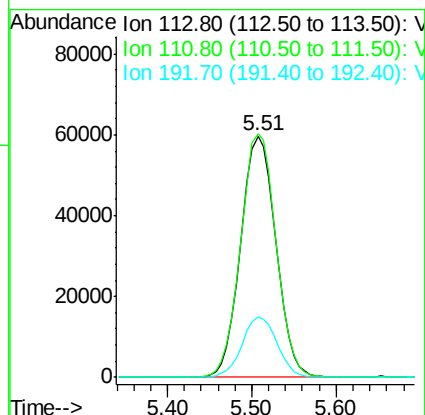
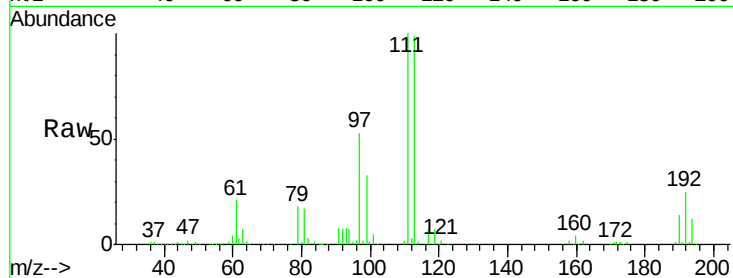
ClientSampleId :

VX0709MBS01

Tot Ion:	113	Resp:	168822
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.4	122.0
192	25.0	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.71 ug/l

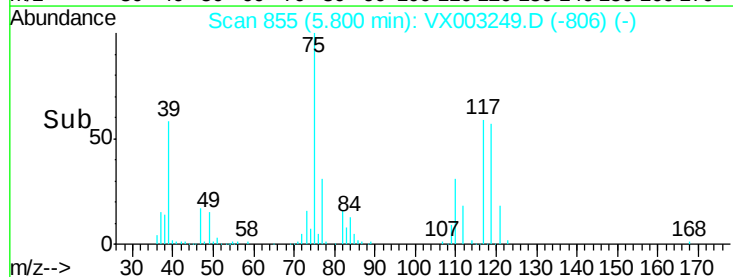
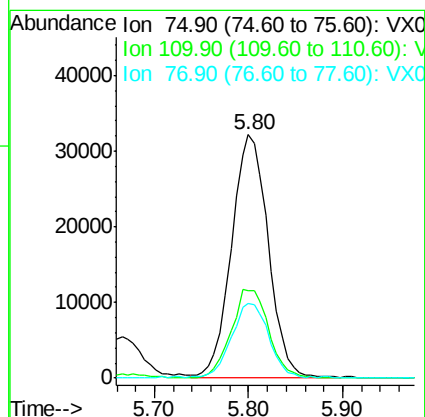
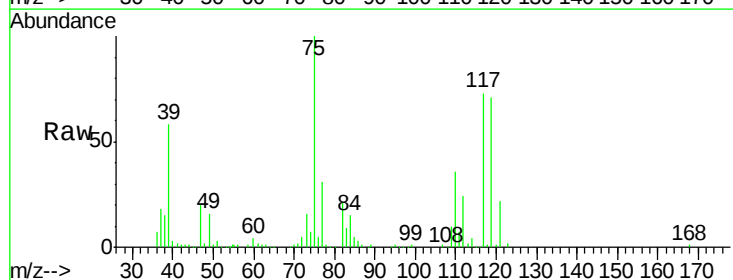
RT: 5.80 min Scan# 855

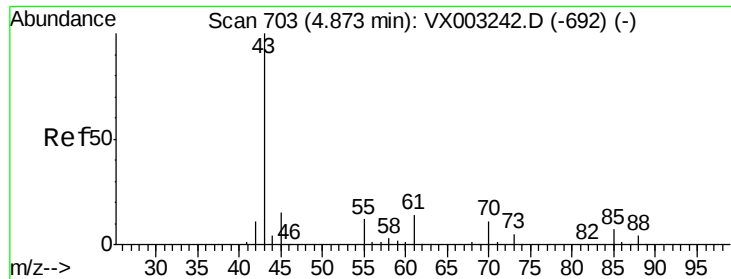
Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Tgt Ion:	75	Resp:	86957
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.1	54.4
77	30.8	24.3	36.5





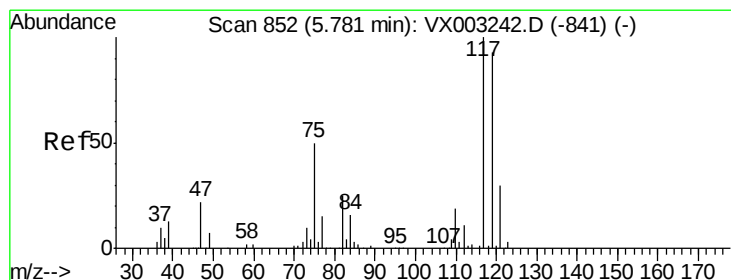
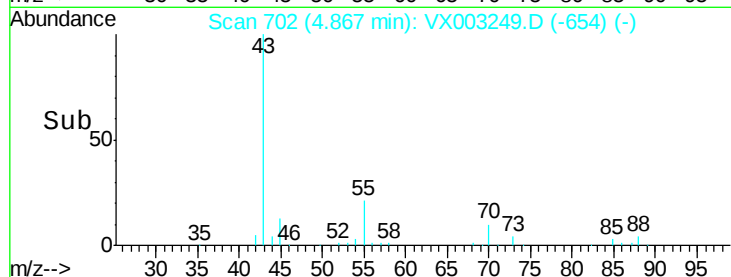
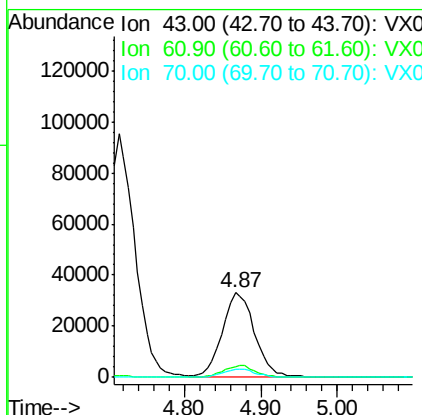
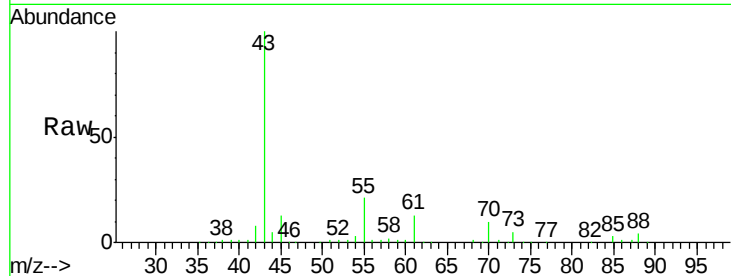
#37
Ethyl Acetate
Concen: 18.79 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion	43	Resp	95734
Ion Ratio	100	Lower	Upper
43	100		
61	13.6	10.4	15.6
70	10.2	7.6	11.4

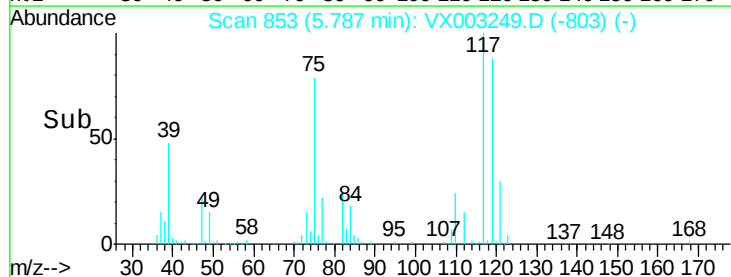
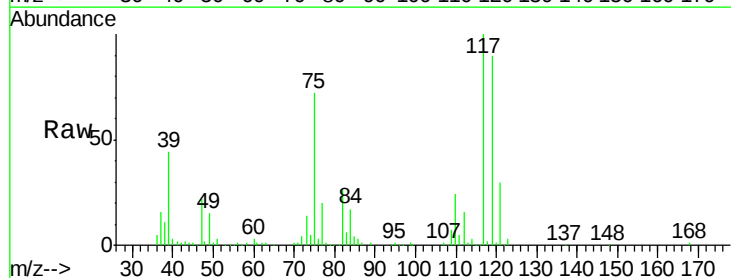
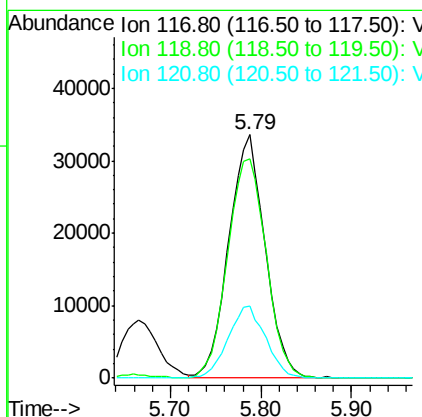
Manual Integrations
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#38
Carbon Tetrachloride
Concen: 18.35 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion	117	Resp	93288
Ion Ratio	100	Lower	Upper
117	100		
119	90.1	77.4	116.0
121	29.7	24.4	36.6





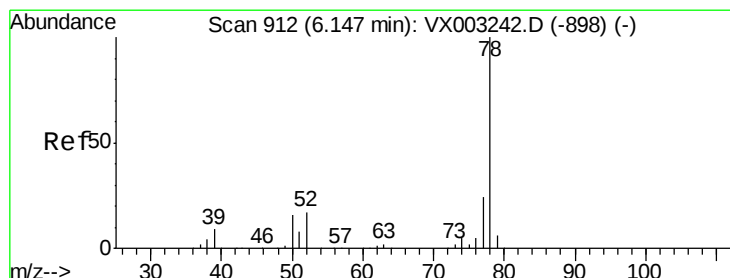
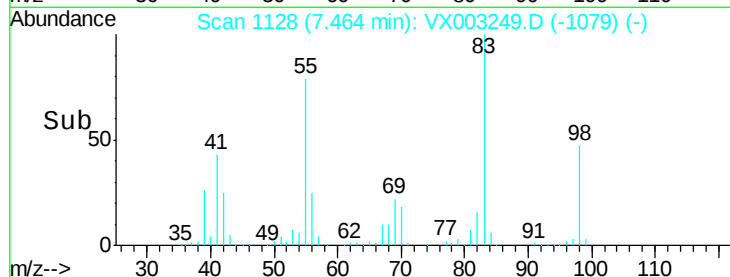
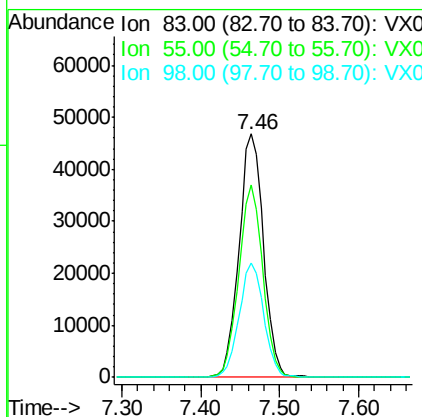
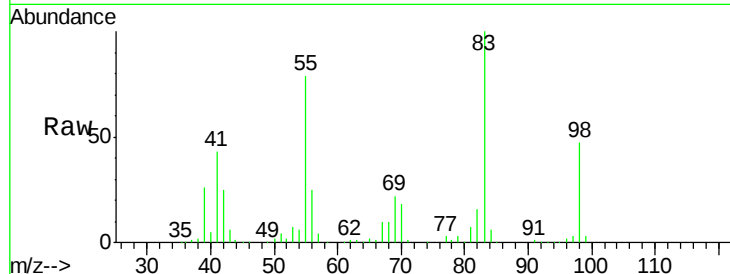
#39
Methylvlcyclohexane
Concen: 18.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	65.4	98.0
98	47.2	37.4	56.0

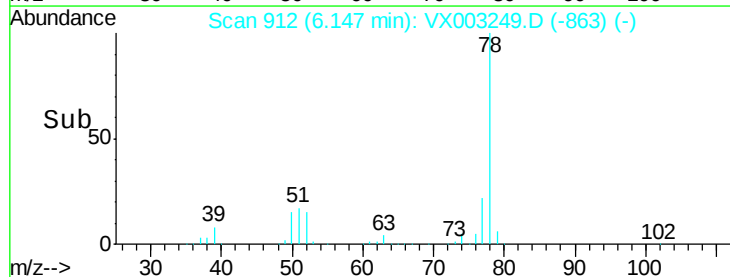
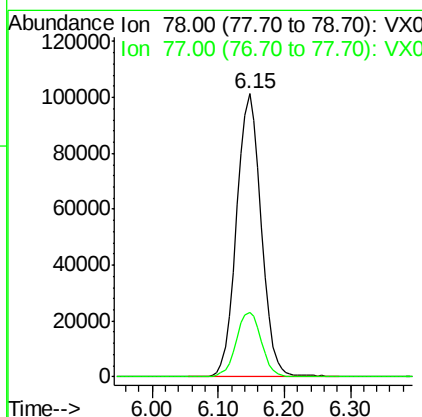
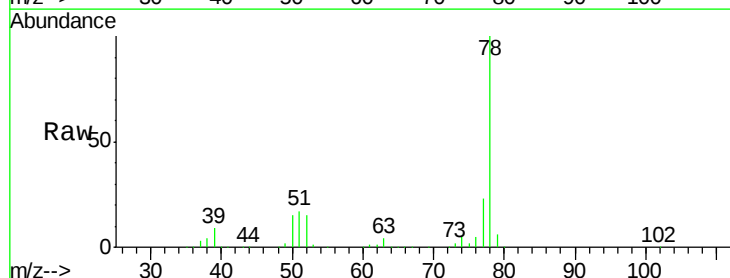
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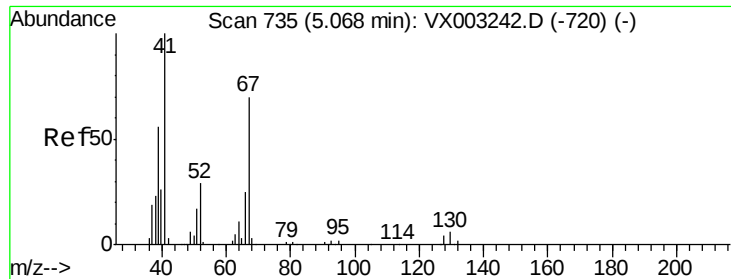
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#40
Benzene
Concen: 19.08 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.1	28.7





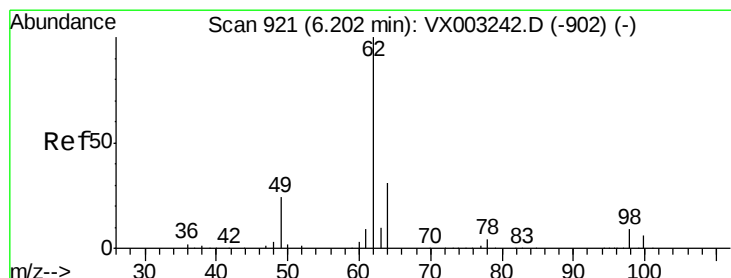
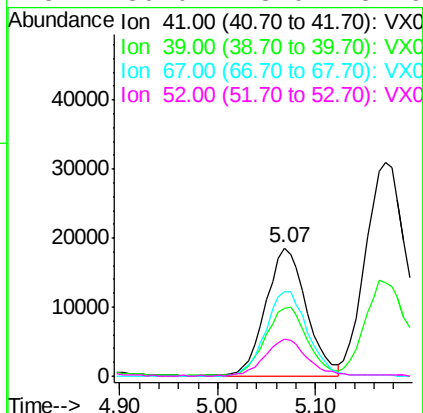
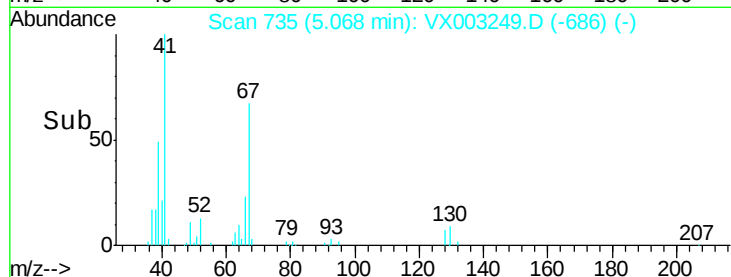
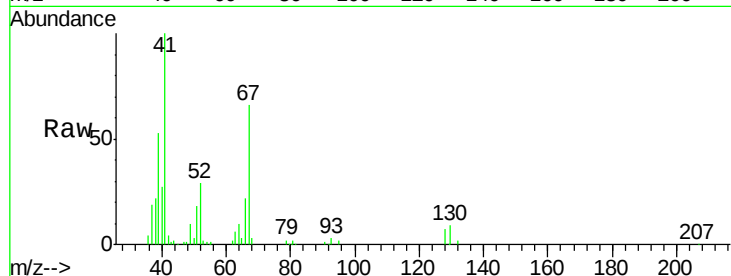
#41
Methacrylonitrile
Concen: 19.27 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.8	68.6
67	69.5	51.3	76.9
52	30.0	23.0	34.6

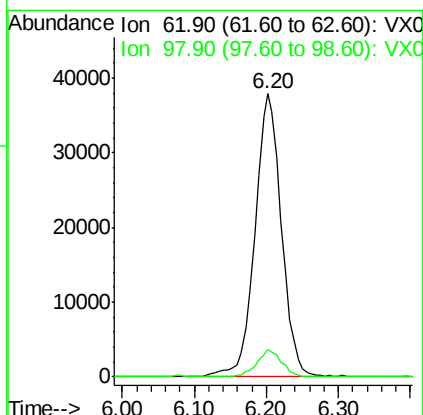
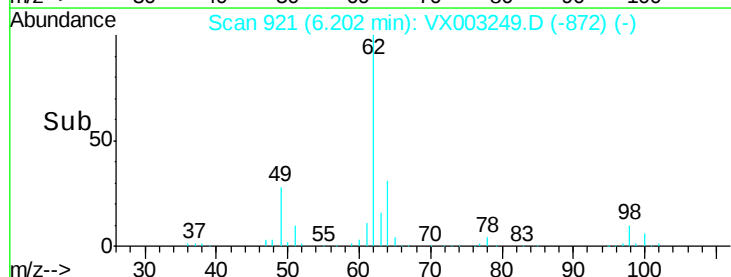
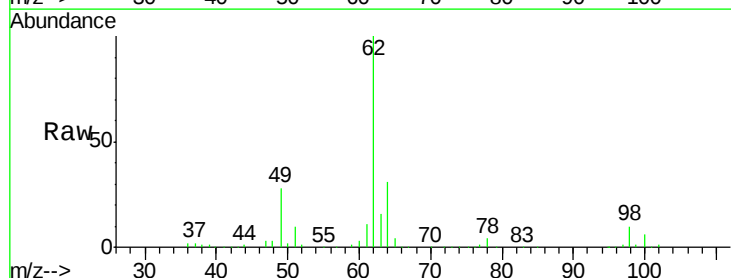
Manual Integrations
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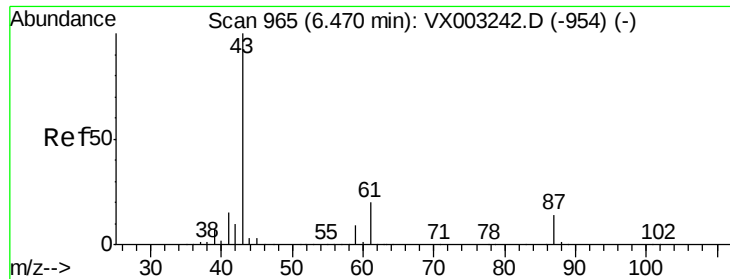
MMDadoda
7/10/2018 3:11:48 PM



#42
1,2-Dichloroethane
Concen: 18.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.71 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

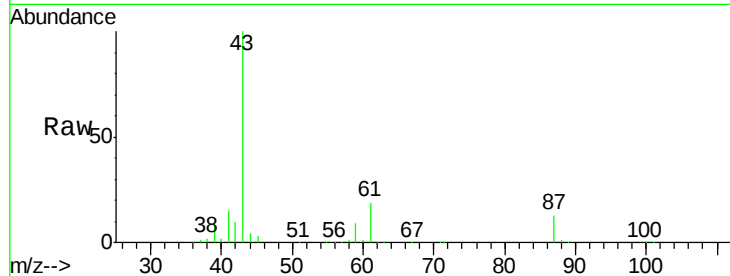
ClientSampleId :

VX0709MBS01

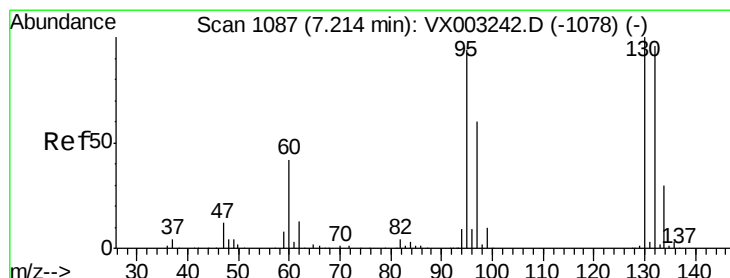
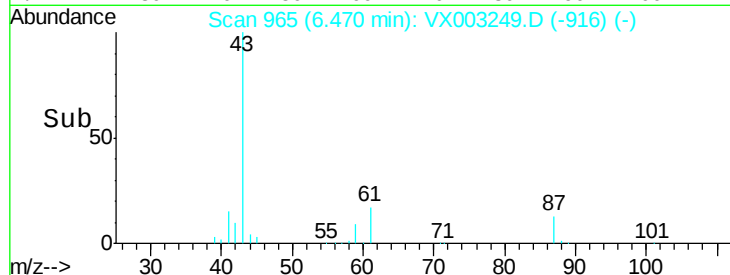
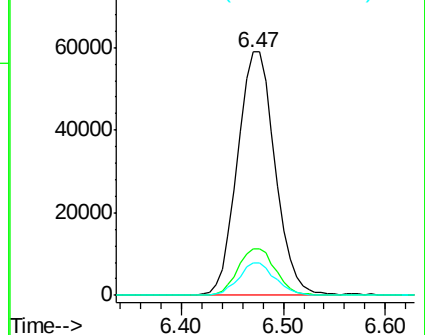
Tot Ion:	43	Resp:	149743
Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.4	21.6
87	13.1	9.5	14.3

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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: 18.66 ug/l

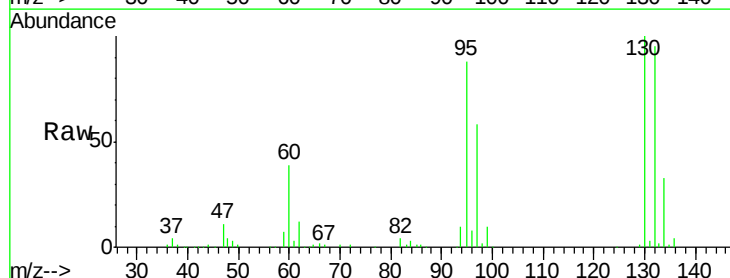
RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

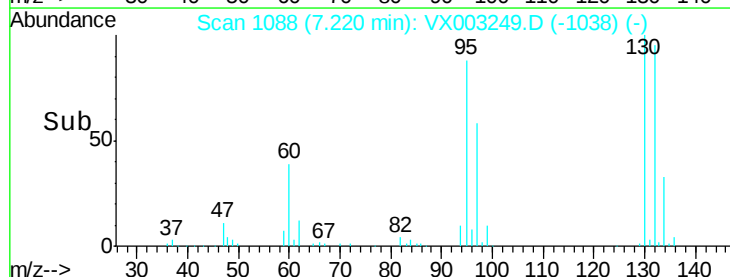
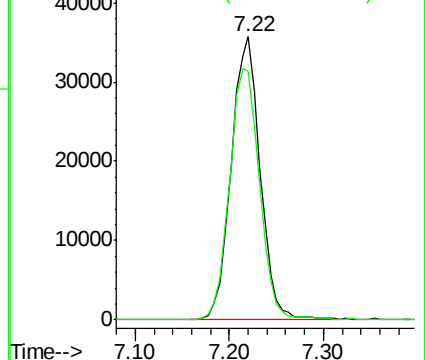
Lab File: VX003249.D

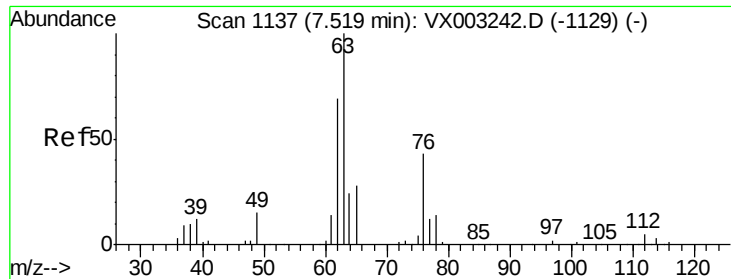
Acq: 09 Jul 2018 16:57

Tgt Ion:	130	Resp:	75996
Ion	Ratio	Lower	Upper
130	100		
95	88.1	0.0	185.4



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





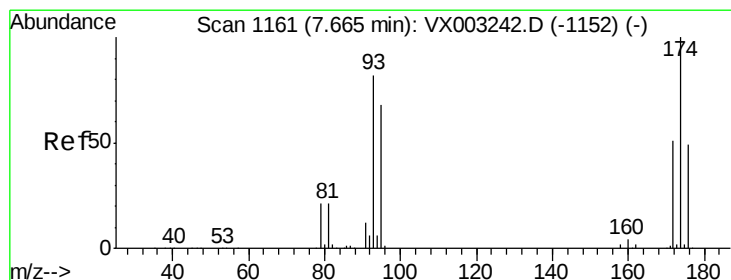
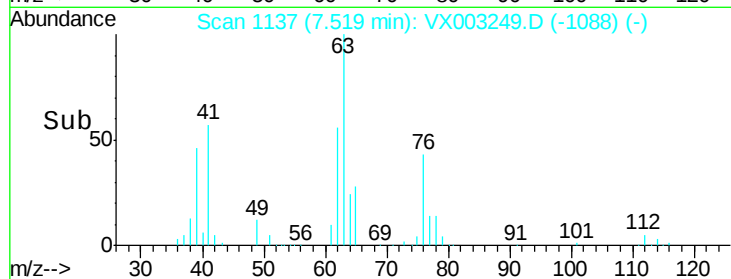
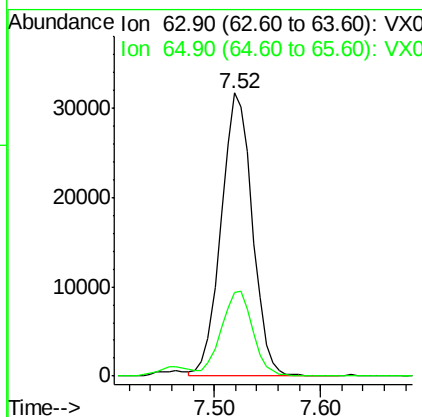
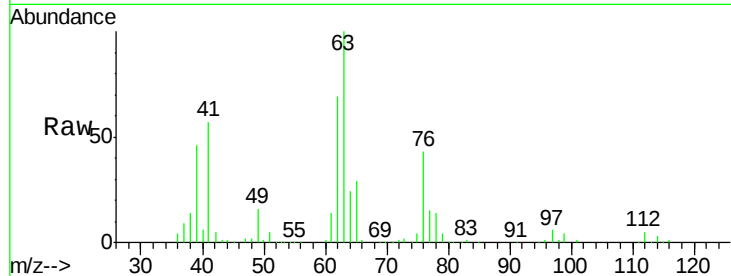
#45
 1,2-Dichloropropane
 Concen: 18.07 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

Tot Ion: 63 Resp: 64711
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.7 37.1

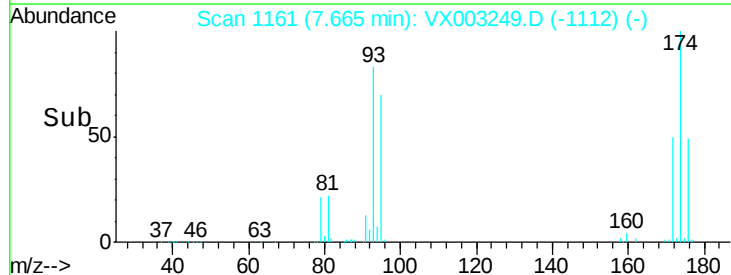
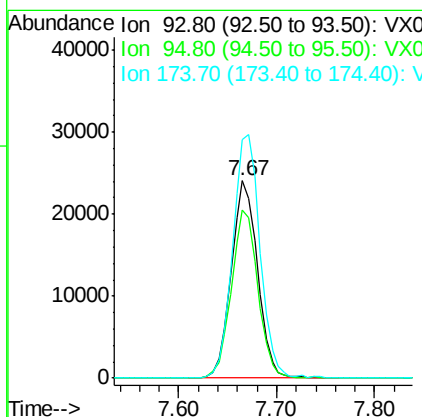
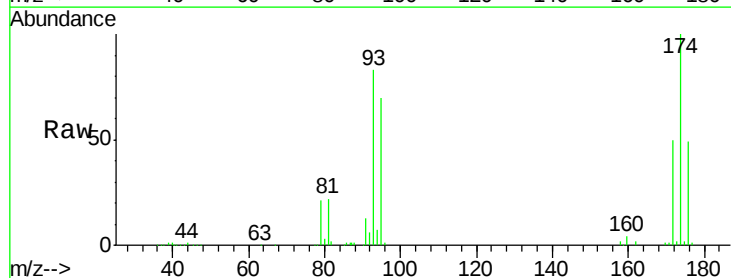
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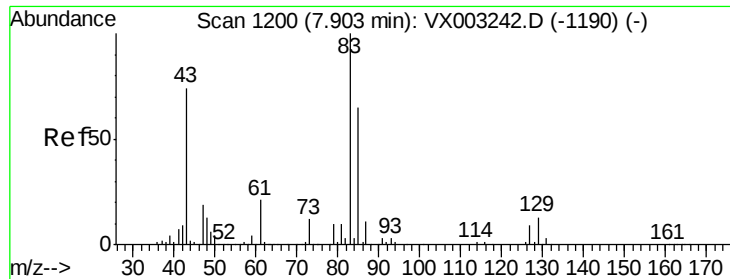
MMDadoda
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#46
 Dibromomethane
 Concen: 18.46 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Tgt Ion: 93 Resp: 45067
 Ion Ratio Lower Upper
 93 100
 95 85.4 65.9 98.9
 174 127.9 92.4 138.6





#47

Bromodichloromethane

Concen: 18.12 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

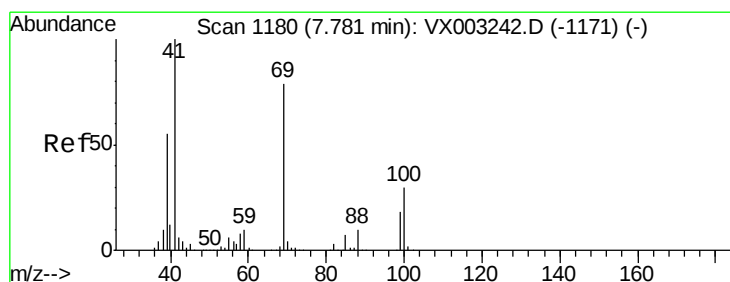
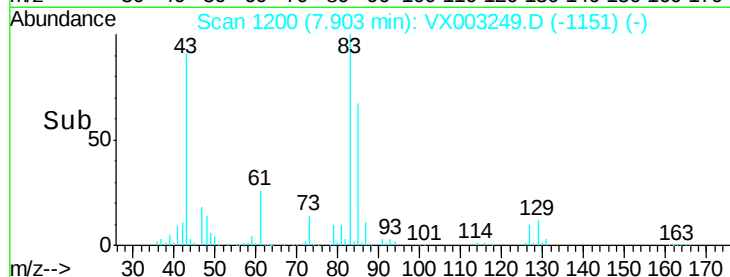
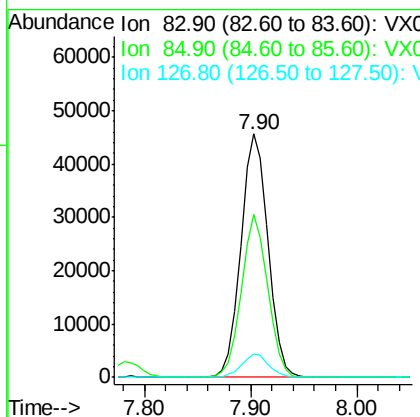
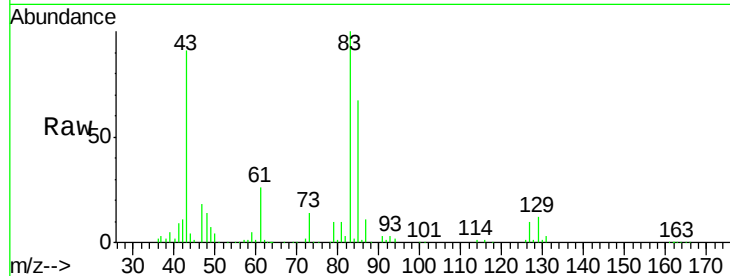
ClientSampleId :

VX0709MBS01

Tot Ion:	83	Resp:	81595
Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.3	75.5
127	9.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.96 ug/l

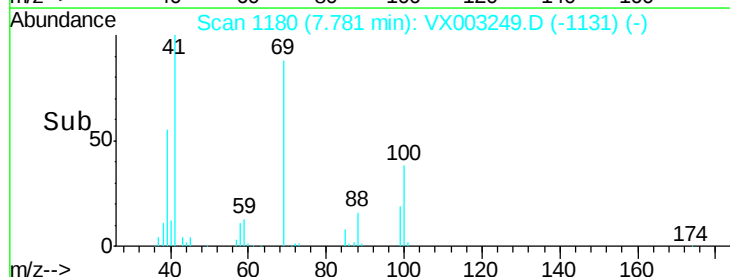
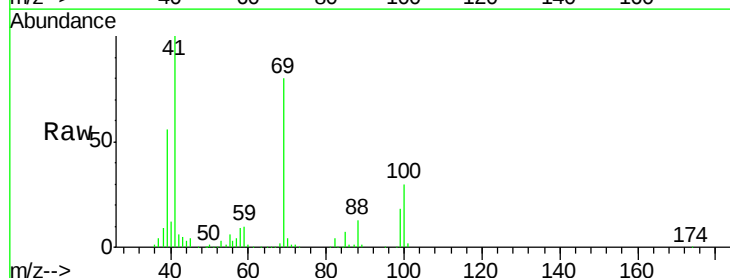
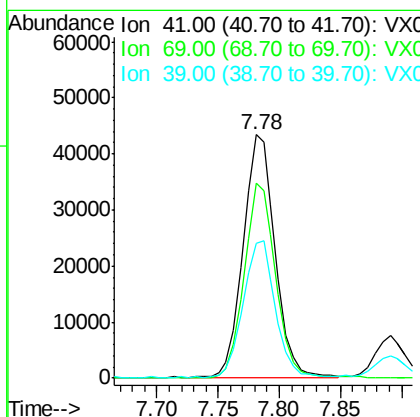
RT: 7.78 min Scan# 1180

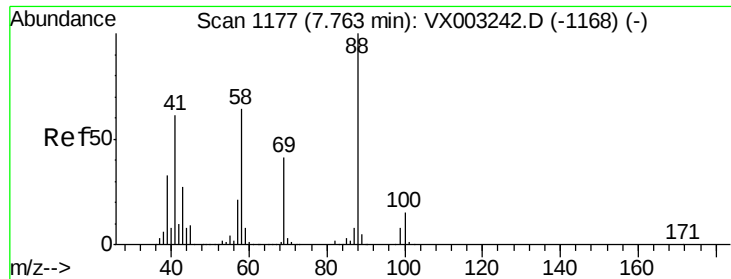
Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Tgt Ion:	41	Resp:	77815
Ion	Ratio	Lower	Upper
41	100		
69	79.6	59.1	88.7
39	57.0	48.9	73.3





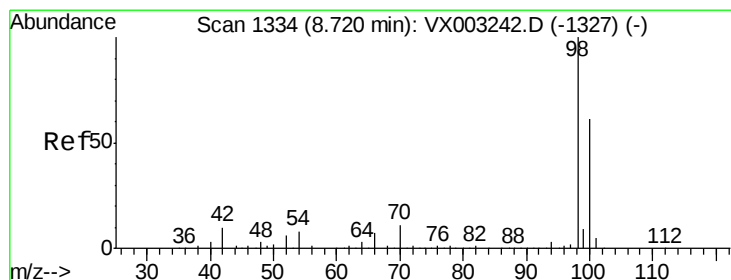
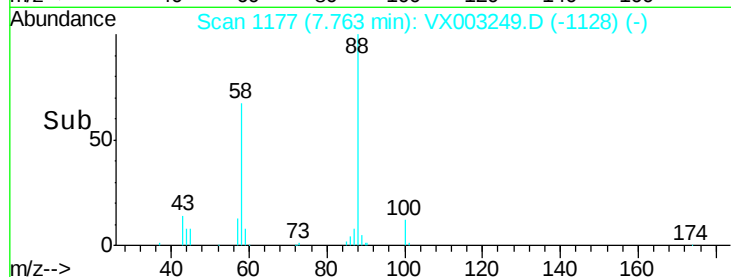
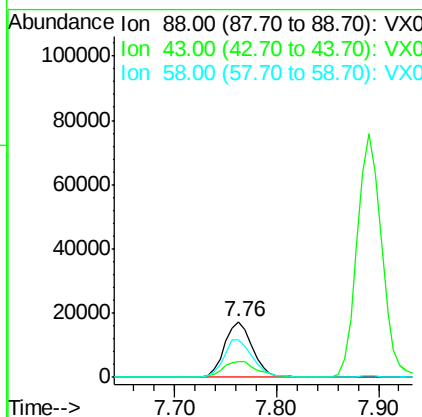
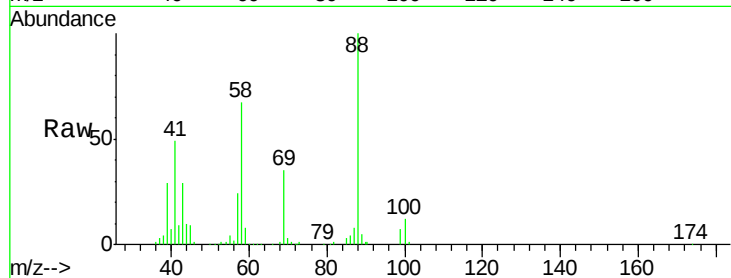
#49
1,4-Dioxane
Concen: 380.43 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	29.8	44.6
58	71.8	57.1	85.7

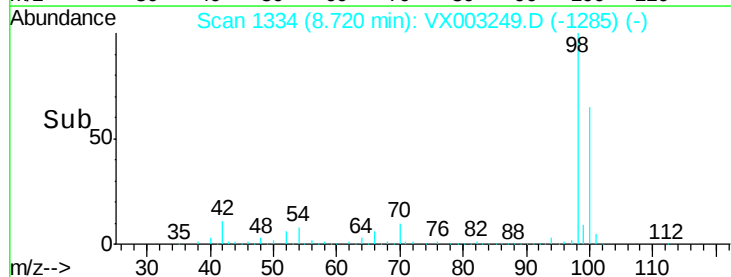
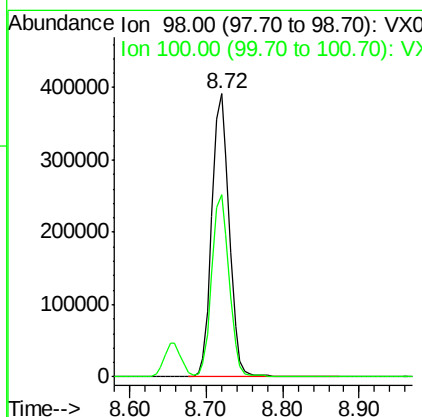
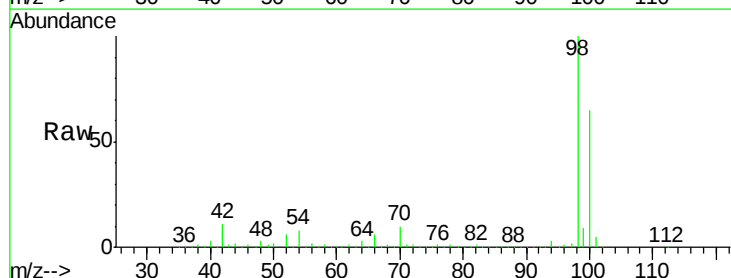
Manual Integrations
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#50
Toluene-d8
Concen: 49.42 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 98.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 43 Resp: 492760

Ion Ratio Lower Upper

43 100

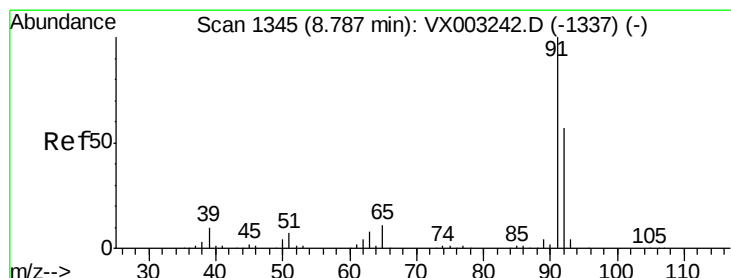
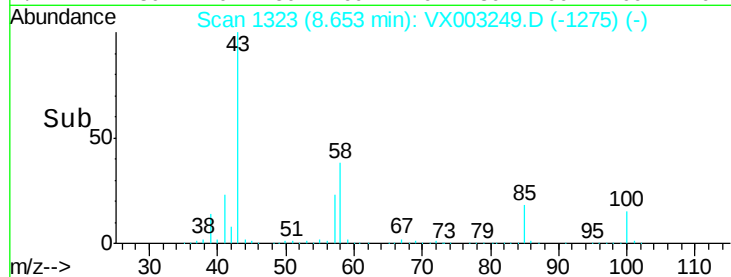
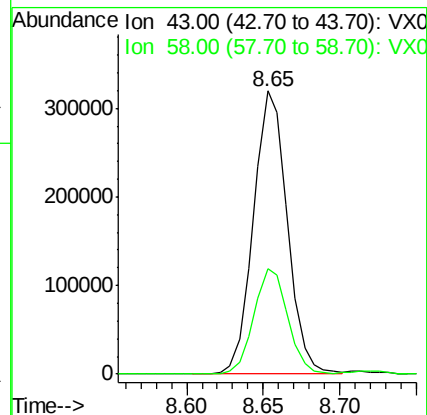
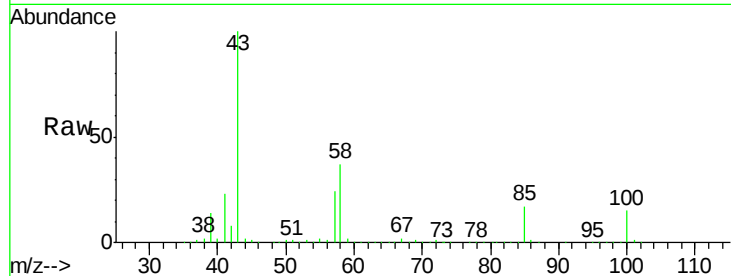
58 37.4 28.6 42.8

Manual Integrations

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#52

Toluene

Concen: 19.01 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003249.D

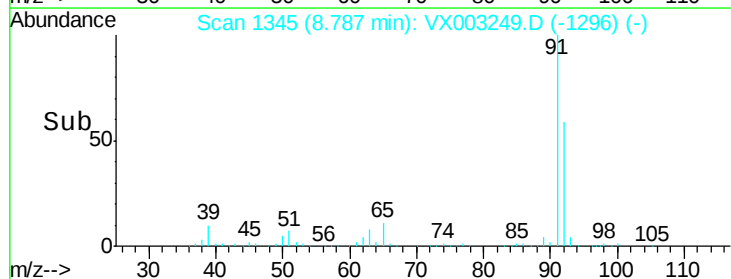
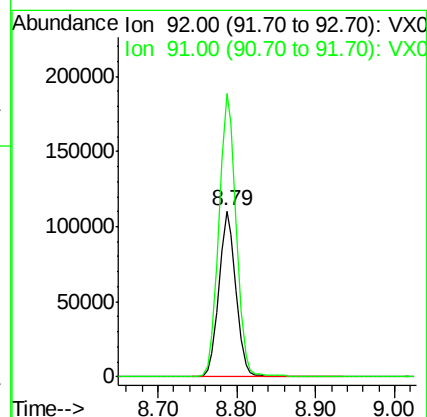
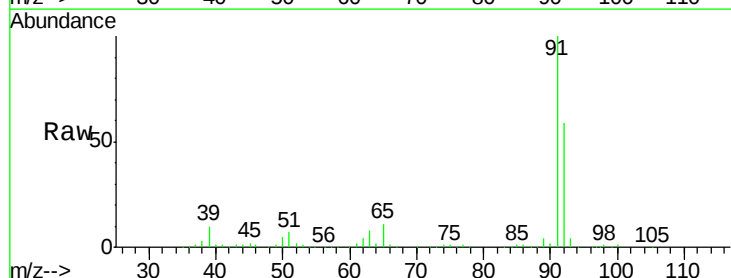
Acq: 09 Jul 2018 16:57

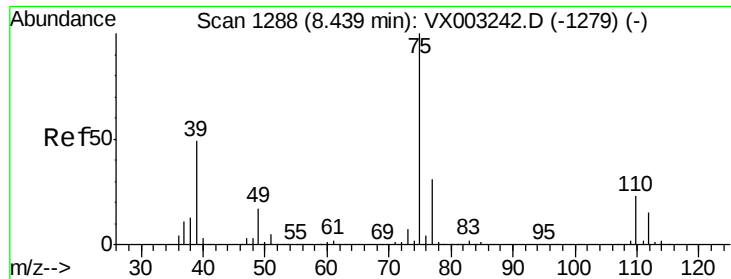
Tgt Ion: 92 Resp: 165518

Ion Ratio Lower Upper

92 100

91 174.7 140.4 210.6





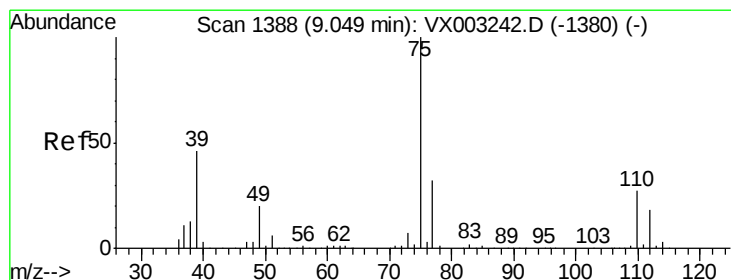
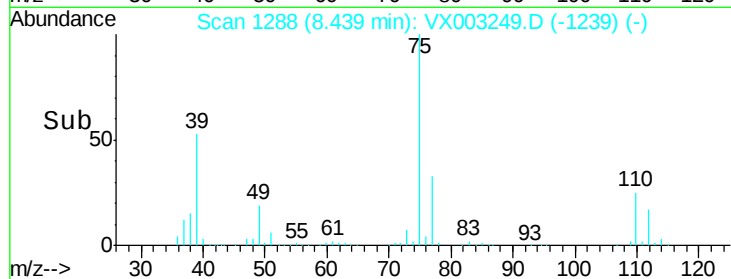
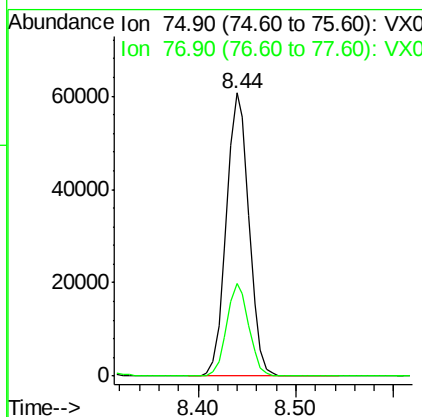
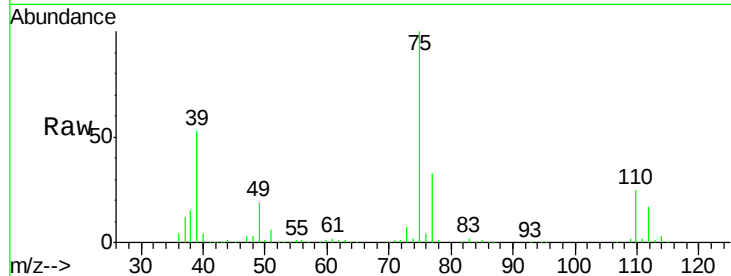
#53
t-1,3-Dichloropropene
Concen: 18.39 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion: 75 Resp: 97475
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

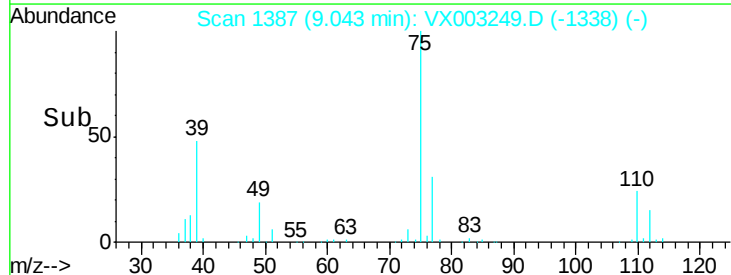
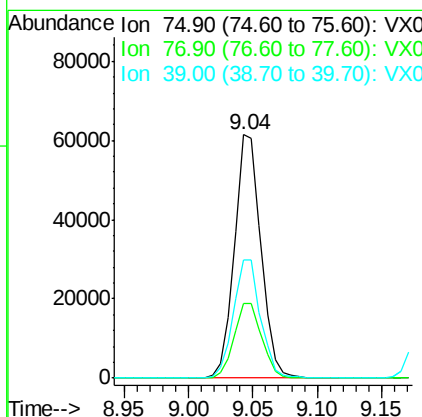
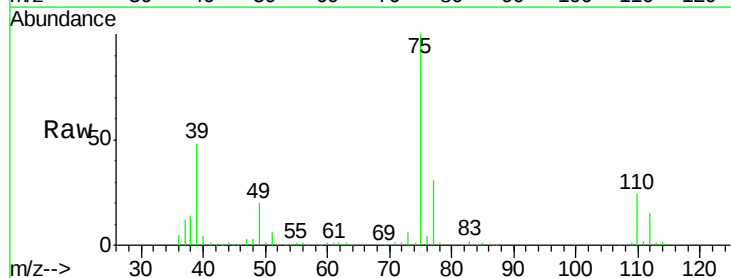
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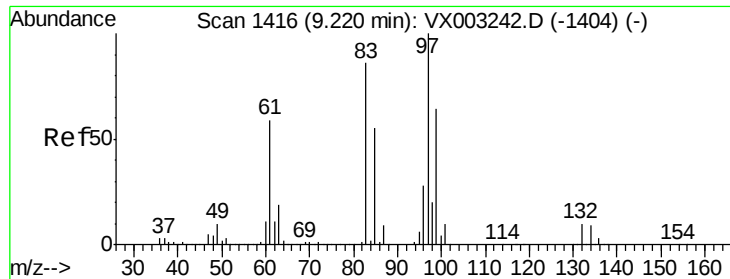
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#54
cis-1,3-Dichloropropene
Concen: 18.32 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion: 75 Resp: 88357
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 48.2 42.4 63.6





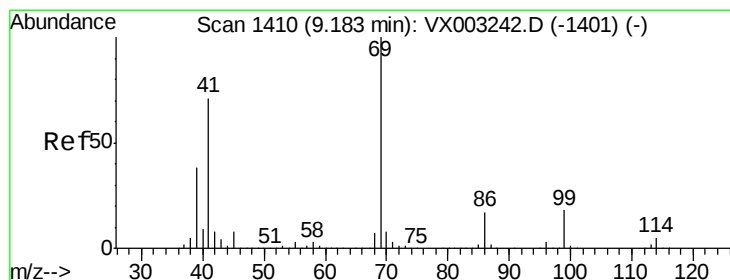
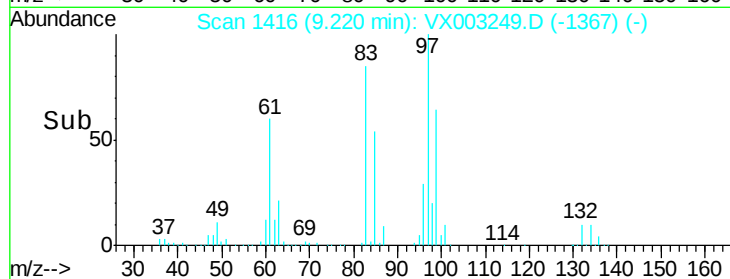
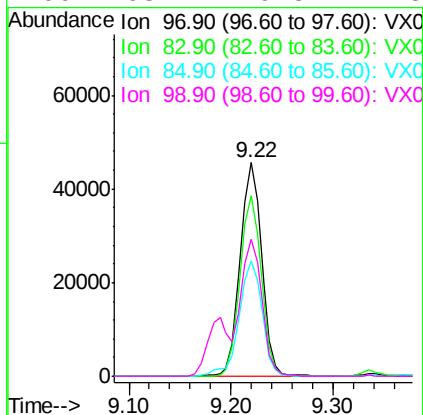
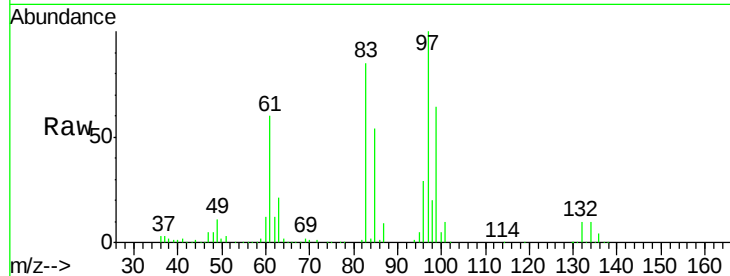
#55
 1,1,2-Trichloroethane
 Concen: 18.49 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

Tot Ion:	97	Resp:	66774
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.2	105.2
85	53.8	44.9	67.3
99	63.7	49.8	74.8

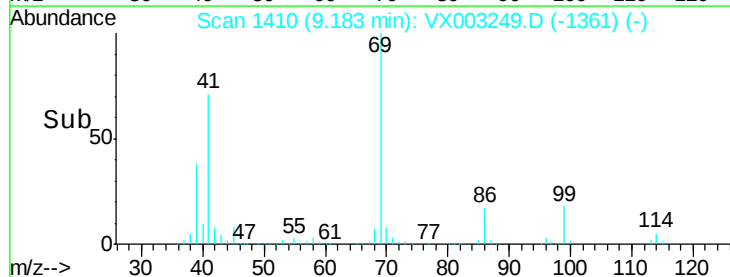
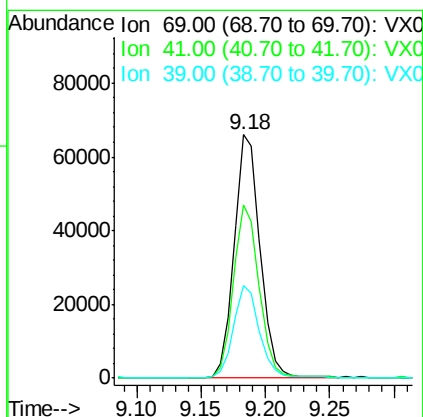
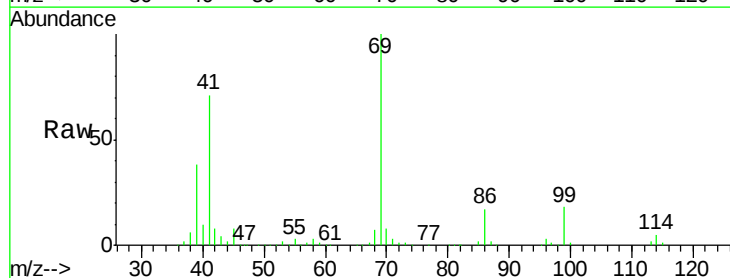
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#56
 Ethyl methacrylate
 Concen: 18.80 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Tgt Ion:	69	Resp:	93011
Ion	Ratio	Lower	Upper
69	100		
41	70.4	60.3	90.5
39	38.0	35.8	53.8





#57

1,3-Dichloropropane

Concen: 18.76 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 76 Resp: 109157

Ion Ratio Lower Upper

76 100

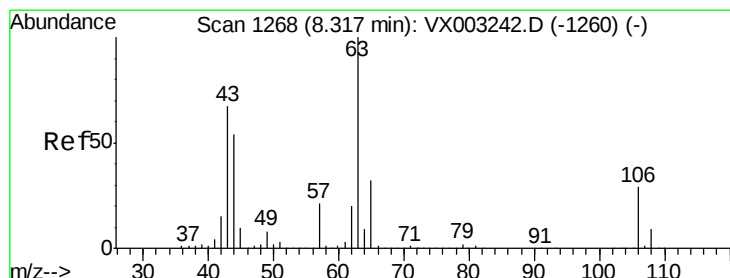
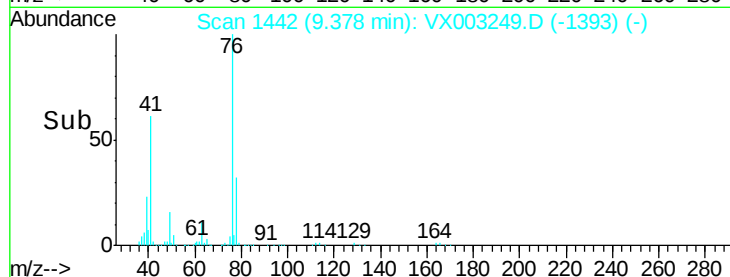
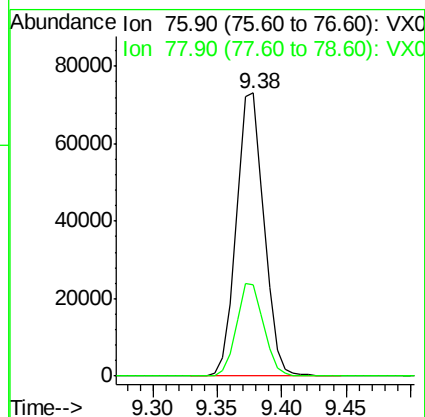
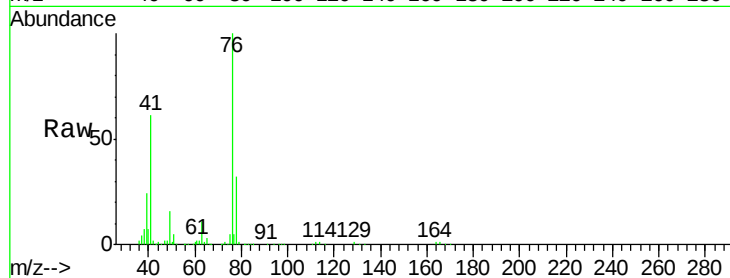
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 104.28 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003249.D

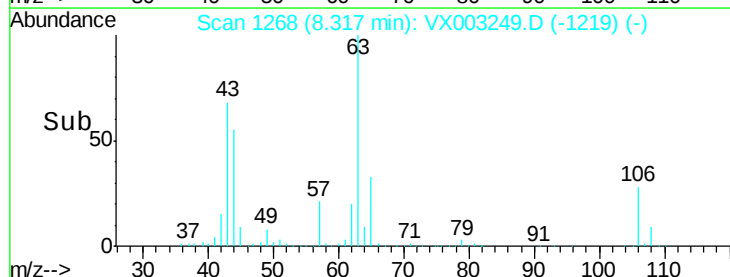
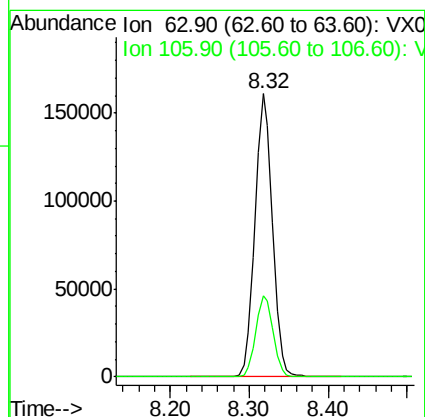
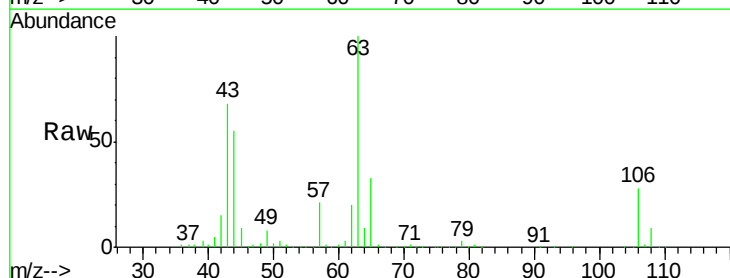
Acq: 09 Jul 2018 16:57

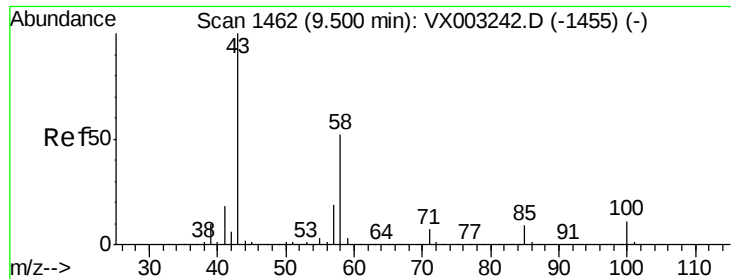
Tgt Ion: 63 Resp: 248871

Ion Ratio Lower Upper

63 100

106 28.7 21.8 32.8





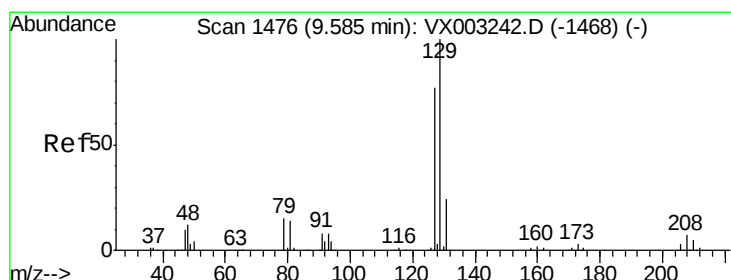
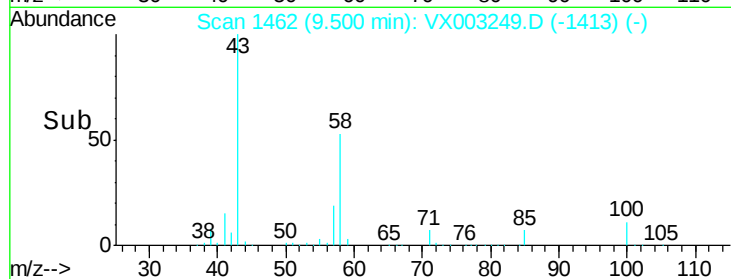
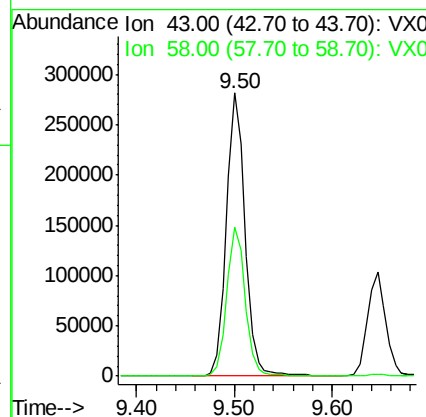
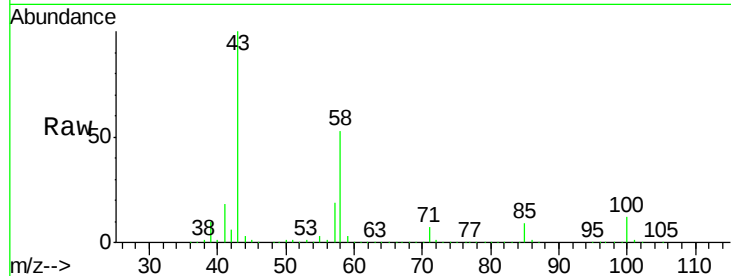
#59
2-Hexanone
Concen: 98.60 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion: 43 Resp: 373063
Ion Ratio Lower Upper
43 100
58 52.5 24.6 73.6

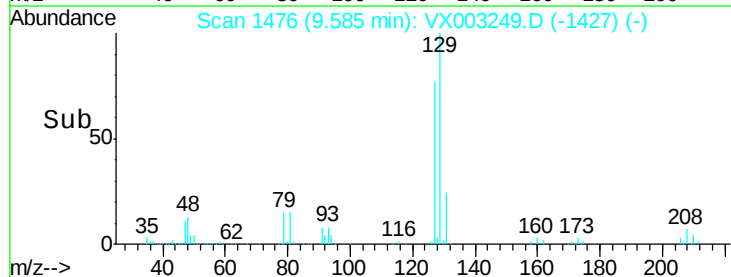
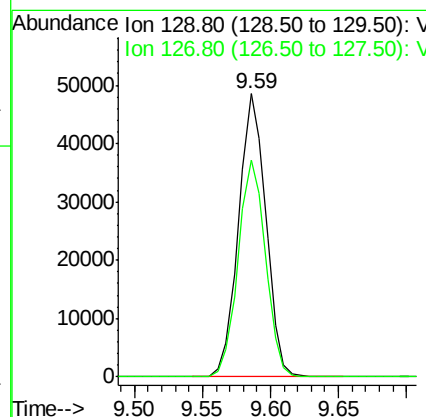
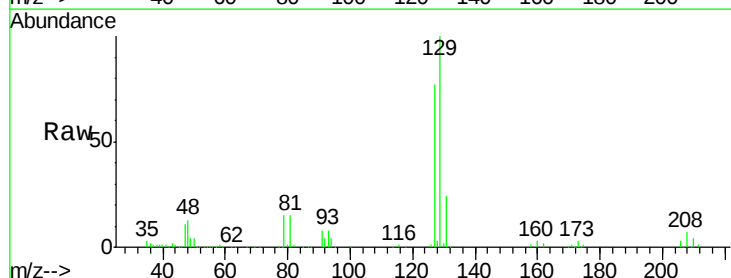
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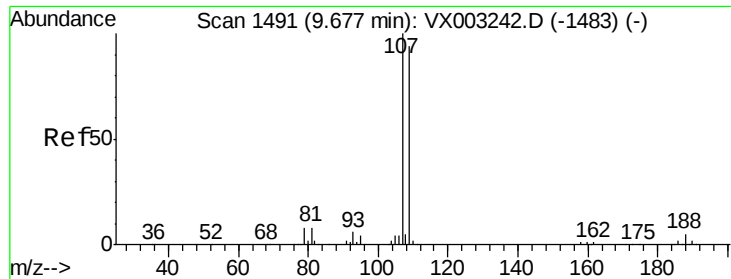
MMDadoda
7/10/2018 3:11:48 PM



#60
Dibromochloromethane
Concen: 17.99 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion: 129 Resp: 67865
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 18.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion:107 Resp: 71675

Ion Ratio Lower Upper

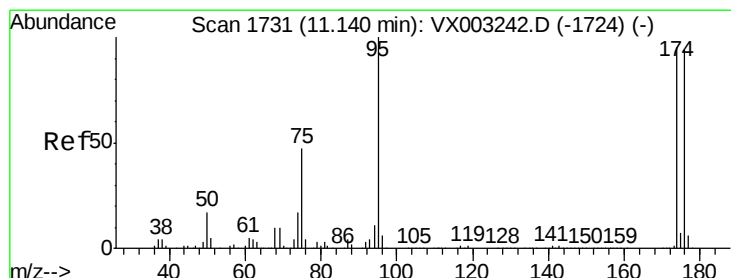
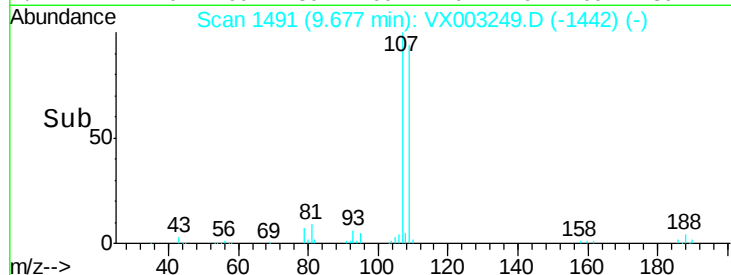
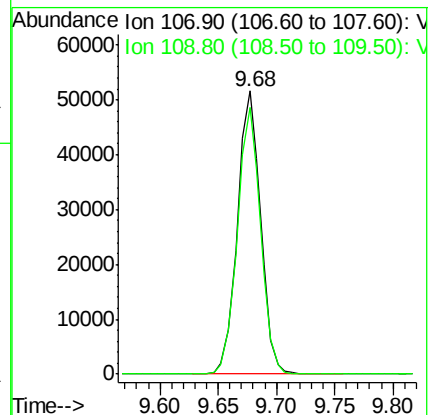
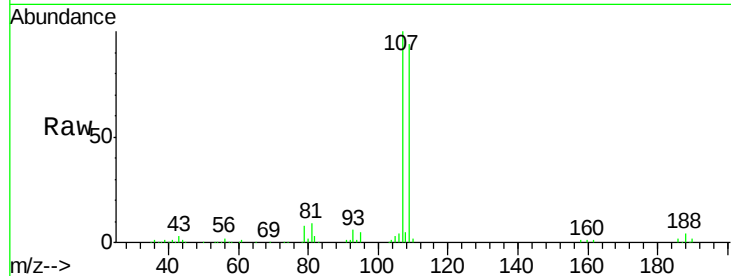
107 100

109 94.4 75.3 112.9

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MMDadoda

7/10/2018 3:11:48 PM



#62

4-Bromofluorobenzene

Concen: 48.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

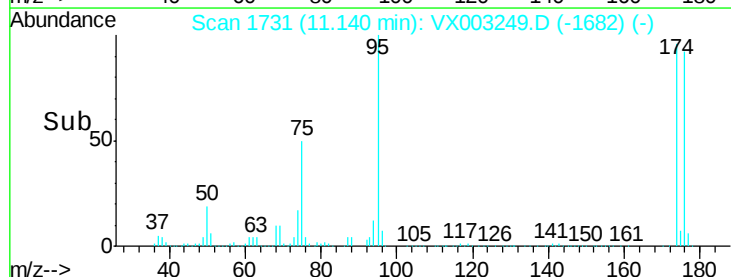
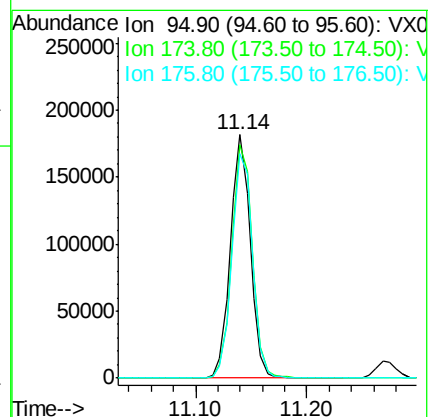
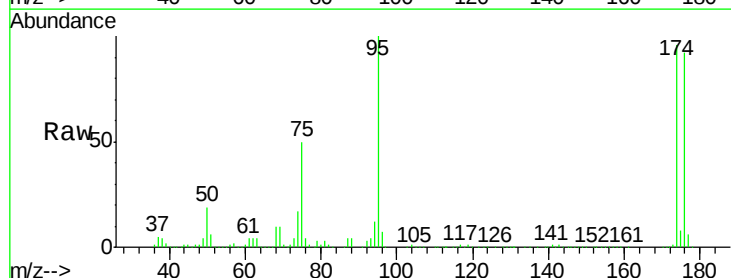
Tgt Ion: 95 Resp: 225198

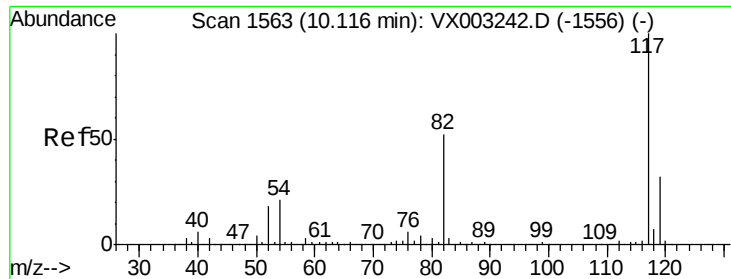
Ion Ratio Lower Upper

95 100

174 98.7 0.0 187.4

176 95.6 0.0 181.0





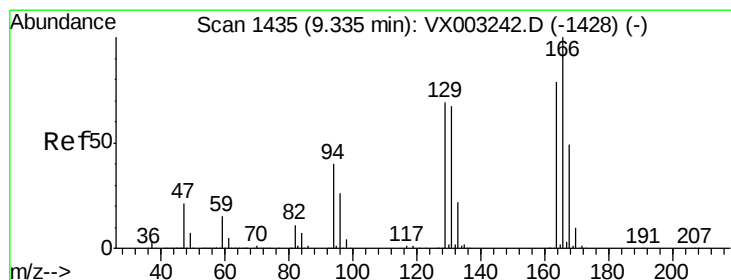
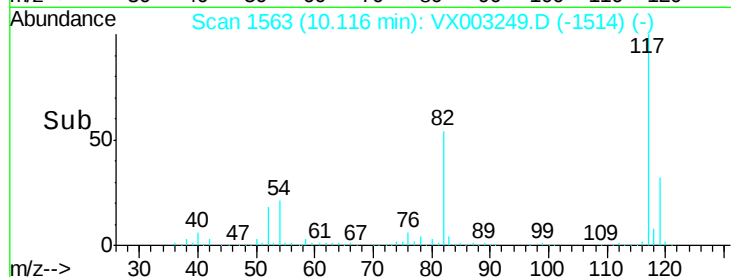
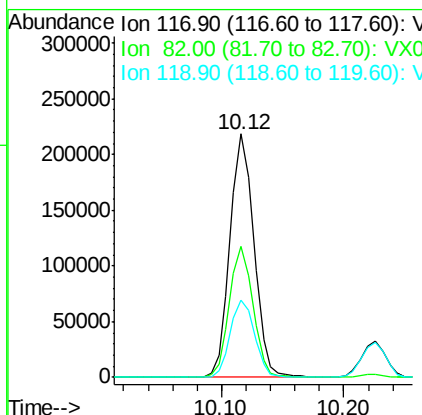
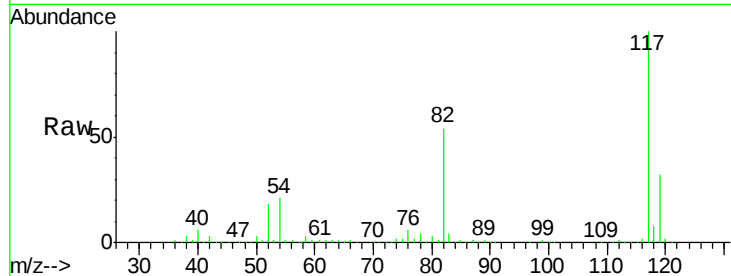
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	45.0	67.4
119	31.7	25.8	38.6

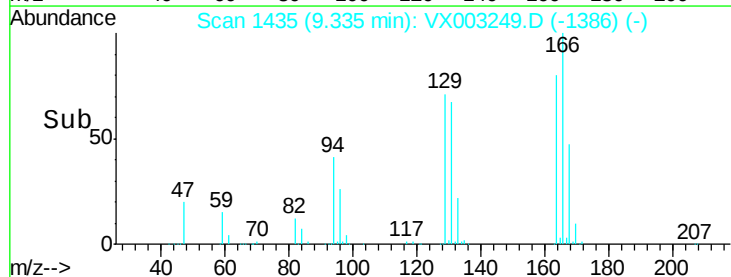
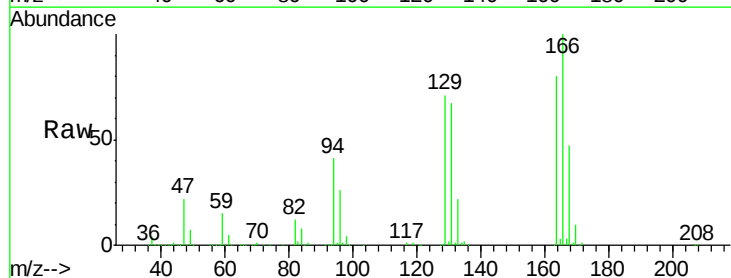
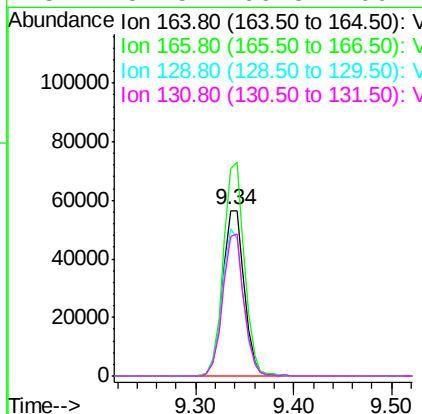
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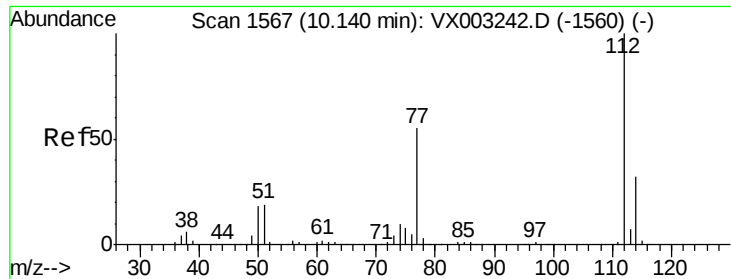
MMDadoda
7/10/2018 3:11:48 PM



#64
Tetrachloroethene
Concen: 19.09 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.7	102.9	154.3
129	89.4	68.6	102.8
131	84.5	66.8	100.2





#65

Chlorobenzene

Concen: 18.73 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion:112 Resp: 188888

Ion Ratio Lower Upper

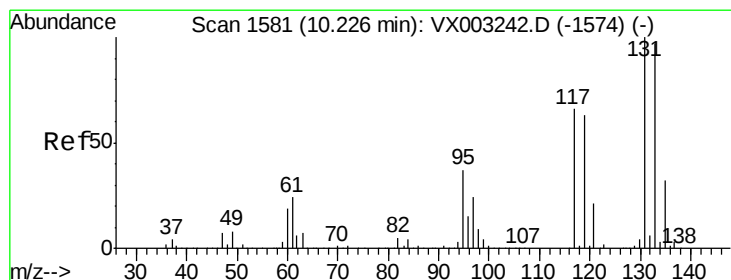
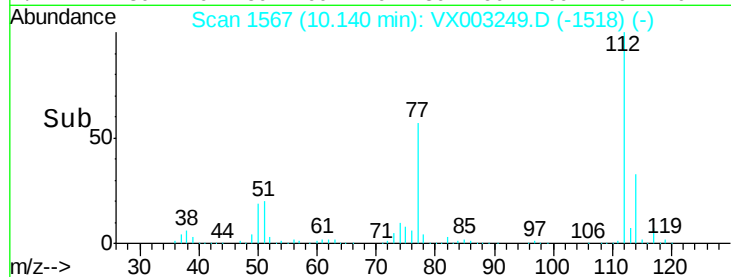
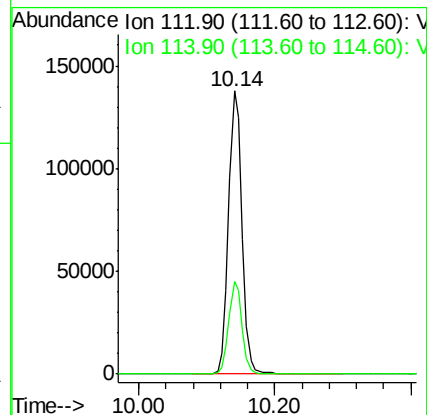
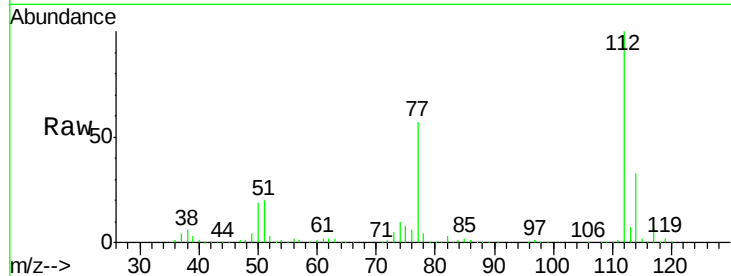
112 100

114 32.6 25.3 37.9

Manual Integrations
APPROVED

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.93 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

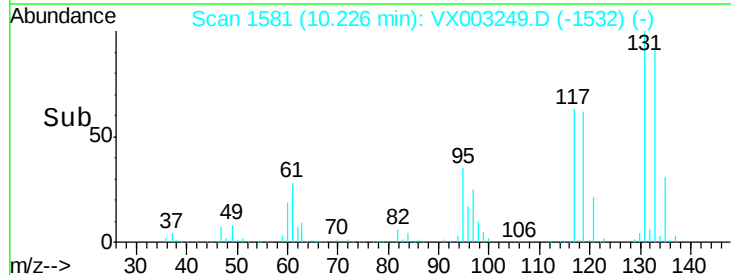
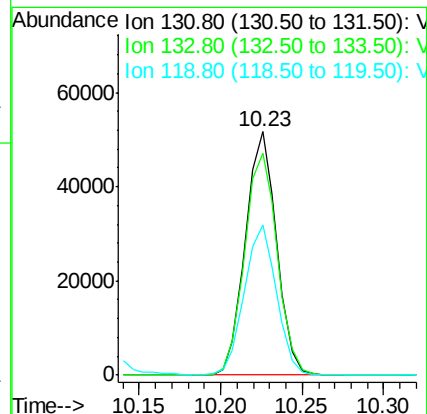
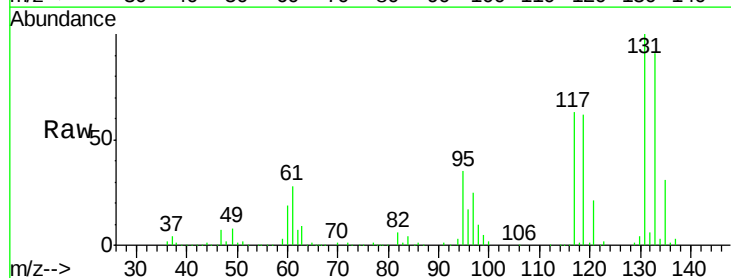
Tgt Ion:131 Resp: 68848

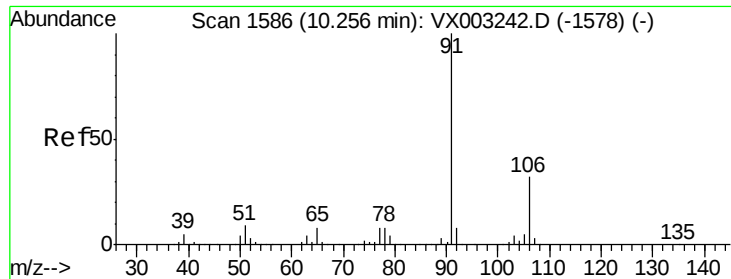
Ion Ratio Lower Upper

131 100

133 95.3 47.9 143.6

119 63.5 31.8 95.3





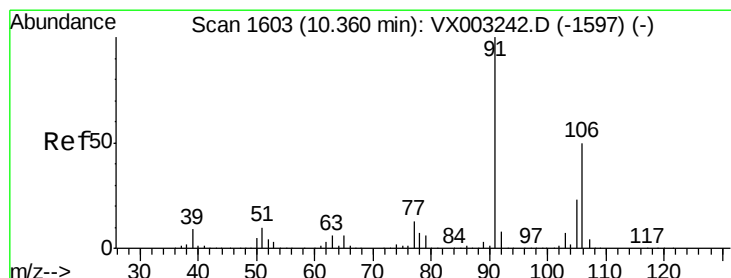
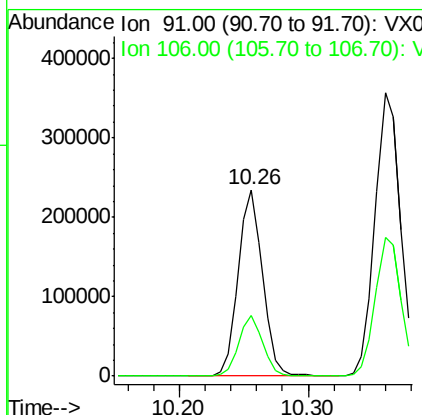
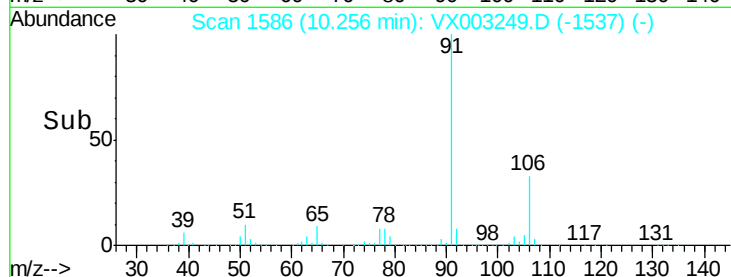
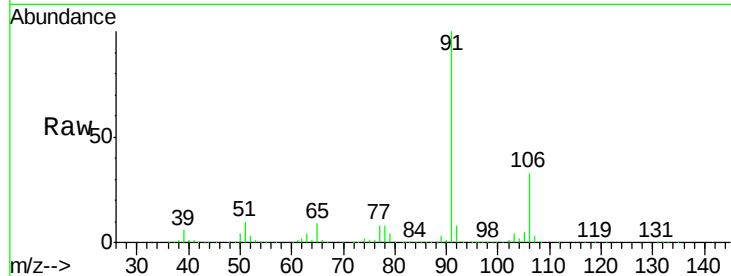
#67
Ethyl Benzene
Concen: 18.97 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion: 91 Resp: 309349
Ion Ratio Lower Upper
91 100
106 32.8 25.5 38.3

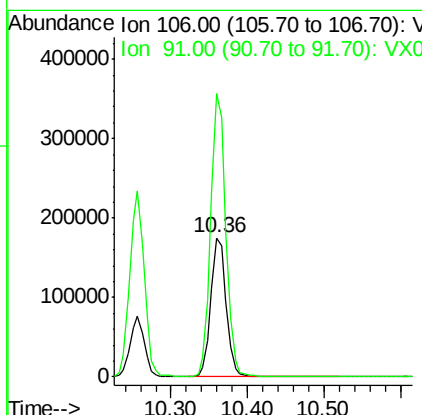
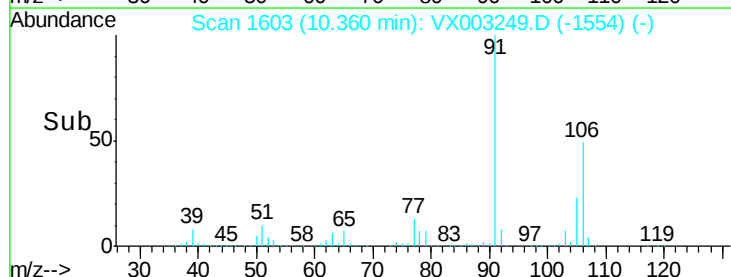
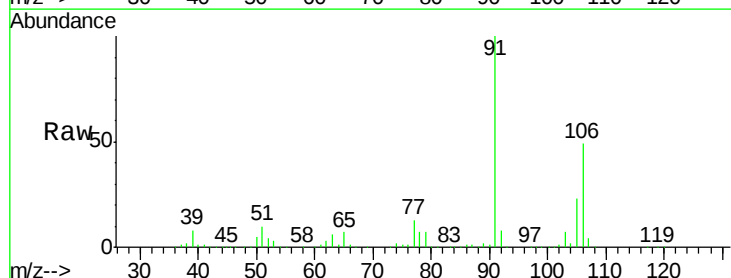
Manual Integrations
APPROVED

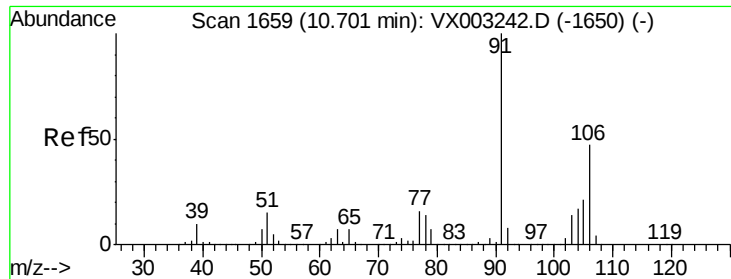
MMDadoda
7/10/2018 3:11:48 PM



#68
m/p-Xylenes
Concen: 38.46 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion: 106 Resp: 243934
Ion Ratio Lower Upper
106 100
91 200.9 163.4 245.2





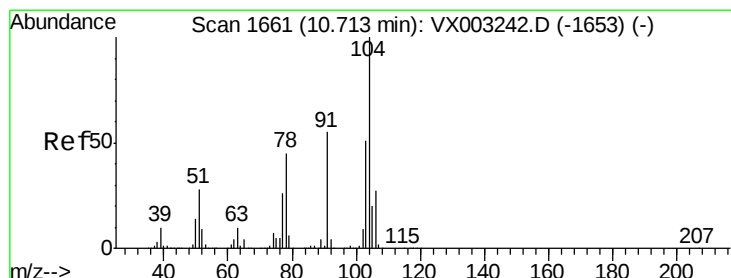
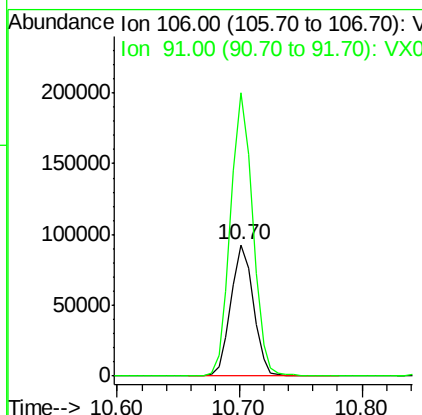
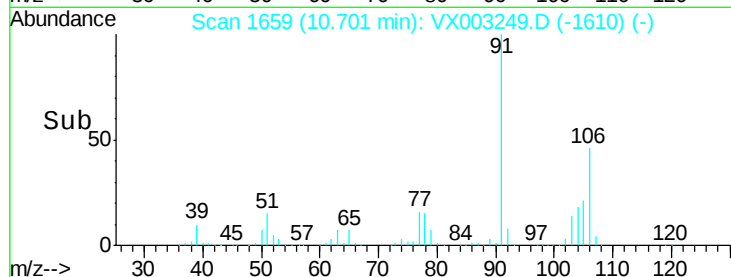
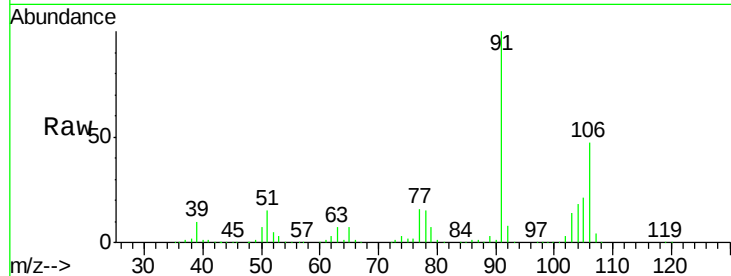
#69
o-Xylene
Concen: 19.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion:106 Resp: 118156
Ion Ratio Lower Upper
106 100
91 212.3 108.2 324.6

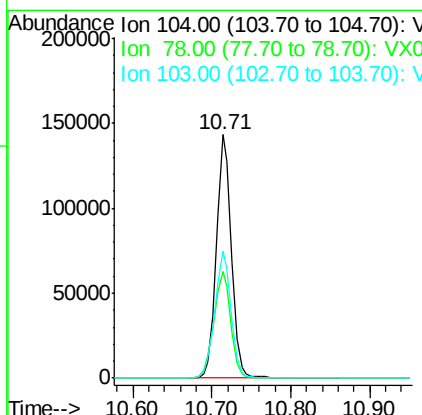
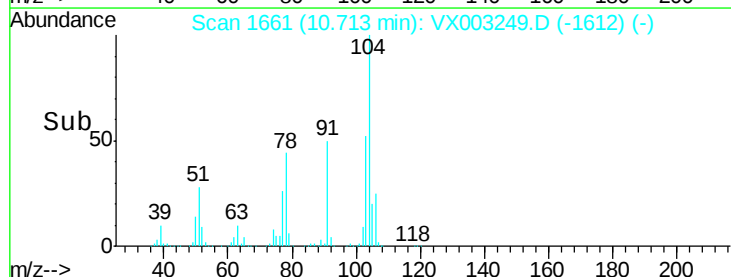
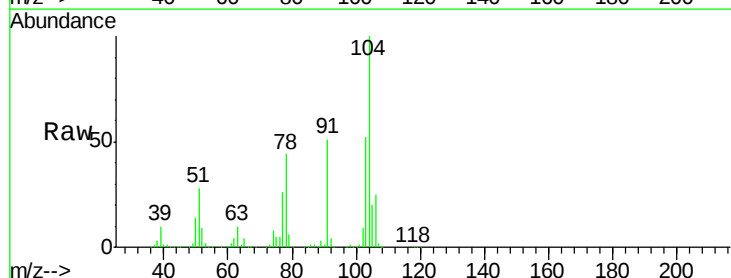
Manual Integrations
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#70
Styrene
Concen: 19.16 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion:104 Resp: 190948
Ion Ratio Lower Upper
104 100
78 49.2 41.0 61.6
103 56.5 44.2 66.4





#71

Bromoform

Concen: 17.63 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion:173 Resp: 52762

Ion Ratio Lower Upper

173 100

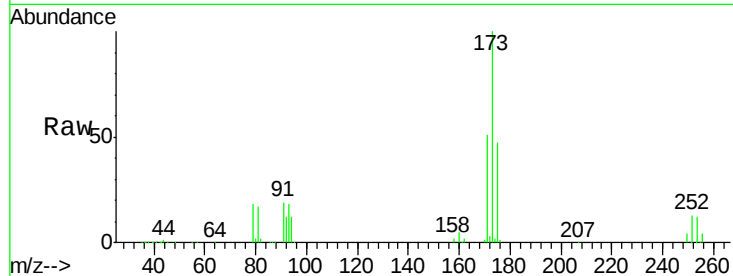
175 48.1 24.7 74.1

254 0.2 0.2 0.2

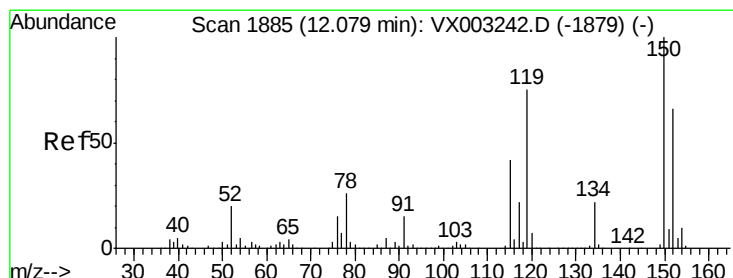
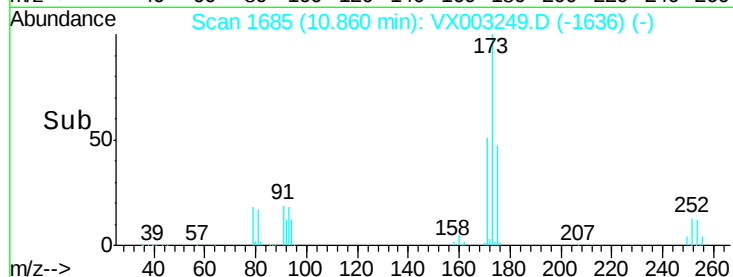
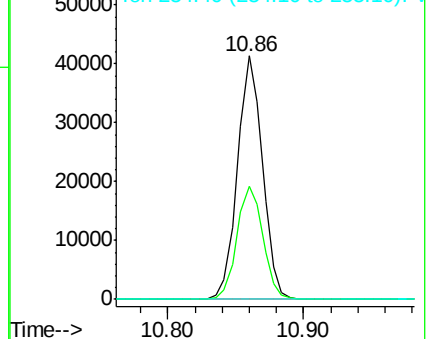
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

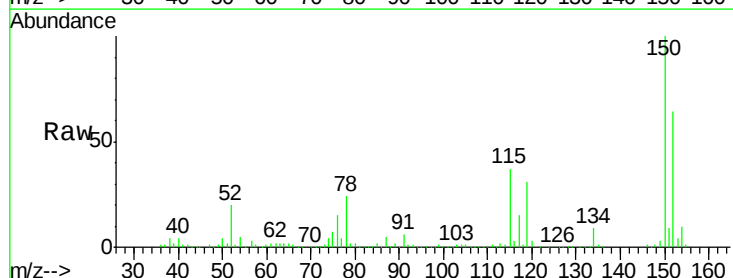
Tgt Ion:152 Resp: 207891

Ion Ratio Lower Upper

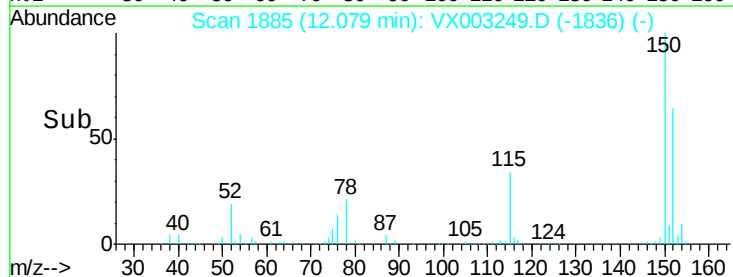
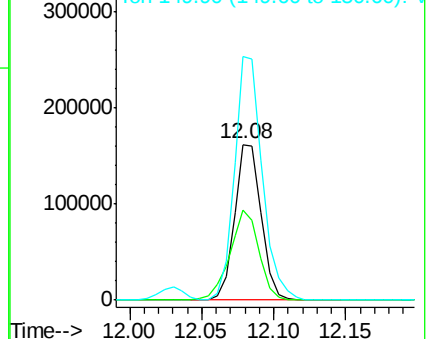
152 100

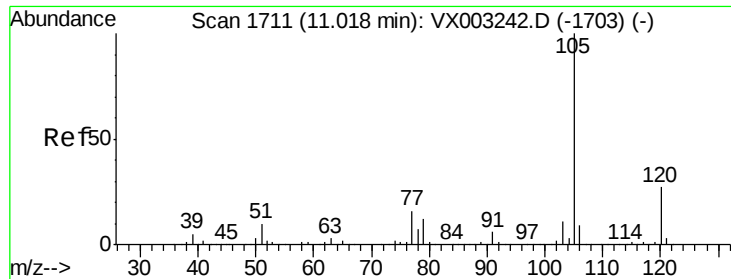
115 63.5 40.1 120.2

150 164.0 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: 19.61 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion:105 Resp: 321955

Ion Ratio Lower Upper

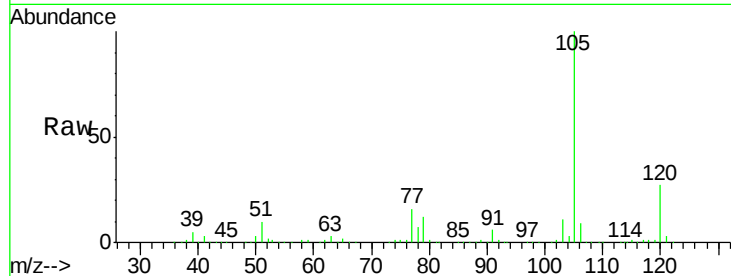
105 100

120 26.9 13.5 40.4

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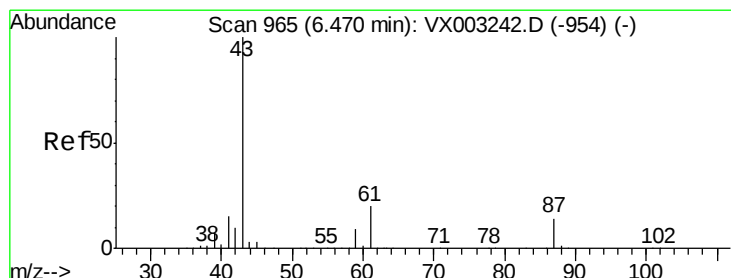
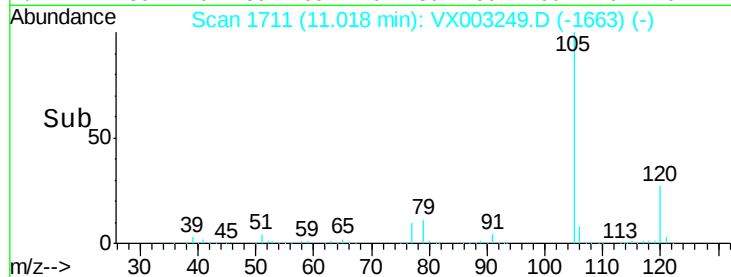
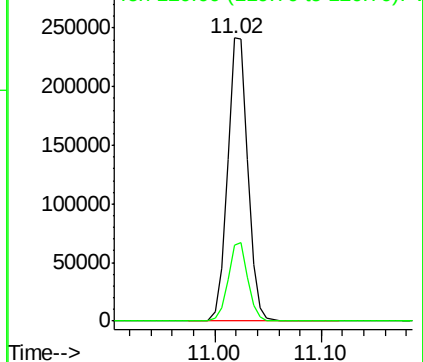
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.12 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Tgt Ion: 43 Resp: 149743

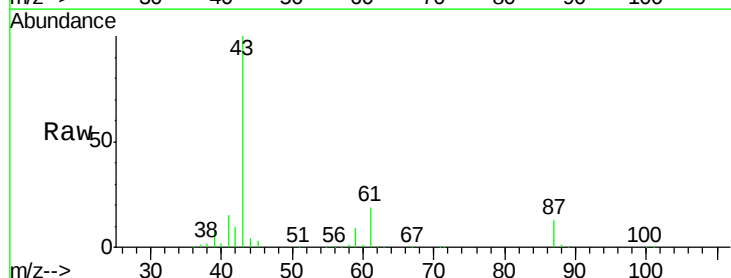
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.4 14.4 21.6

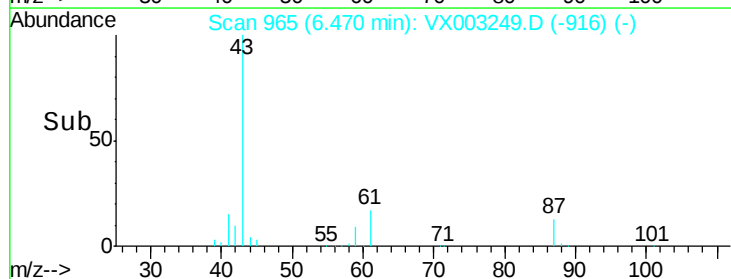
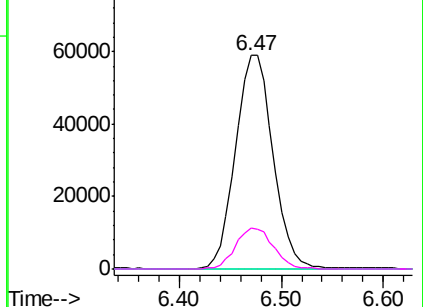


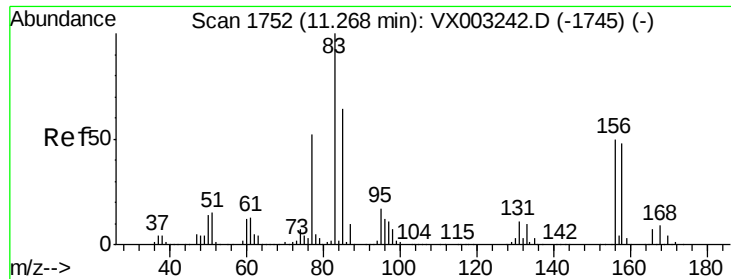
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.42 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

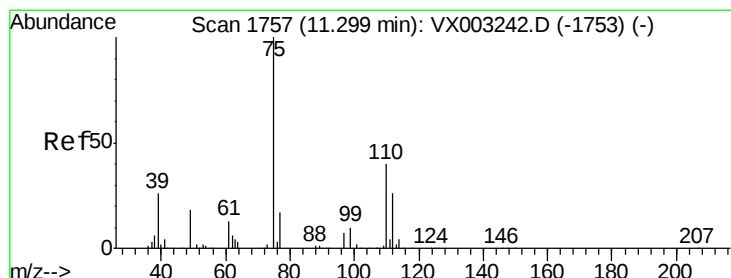
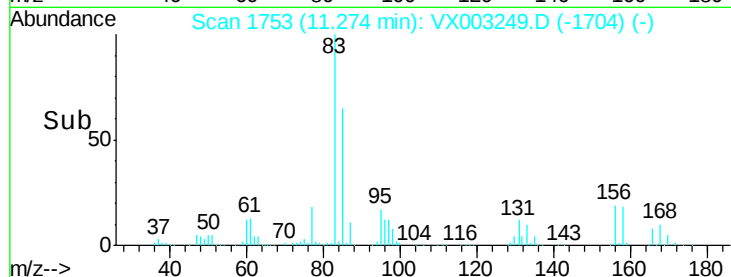
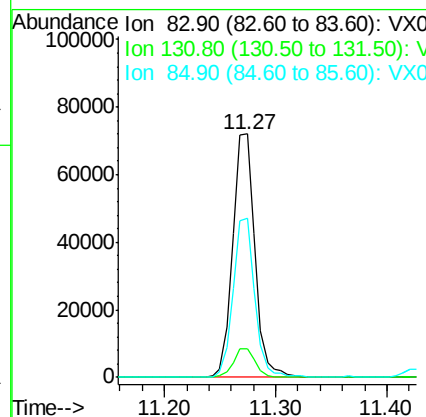
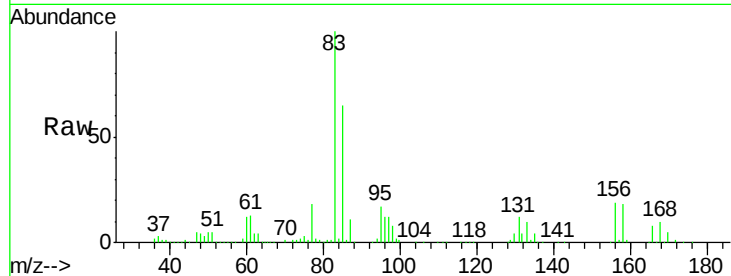
ClientSampleId :

VX0709MBS01

Tot Ion:	83	Resp:	98844
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.6	16.8
85	63.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.50 ug/l m

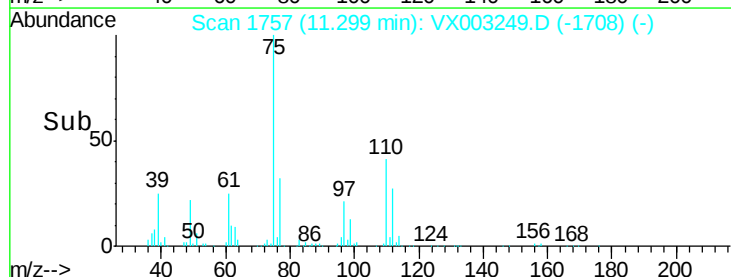
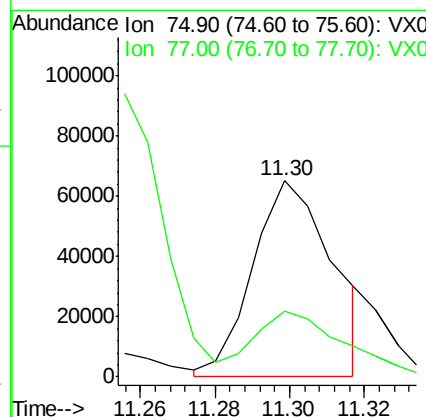
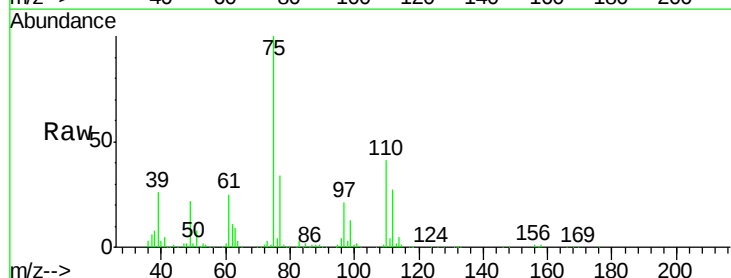
RT: 11.30 min Scan# 1757

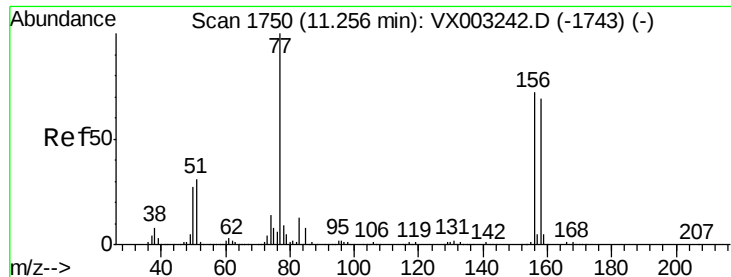
Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Tgt Ion:	75	Resp:	96586
Ion Ratio	Lower	Upper	
75	100		
77	37.9	22.8	68.3





#77

Bromobenzene

Concen: 19.12 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

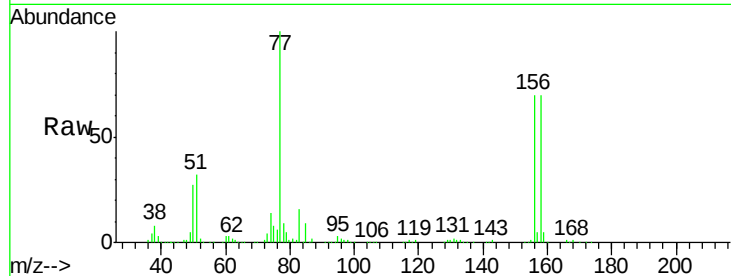
ClientSampleId :

VX0709MBS01

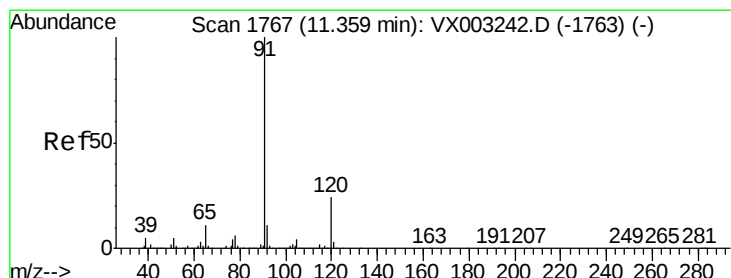
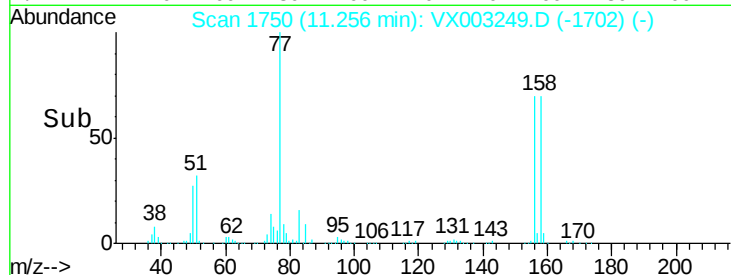
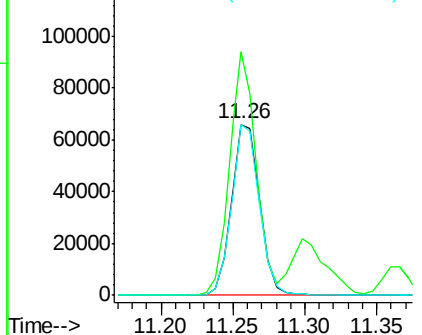
Tot Ion:	156	Resp:	90620
Ion Ratio	Lower	Upper	
156	100		
77	133.9	71.4	214.2
158	98.0	48.9	146.6

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.57 ug/l

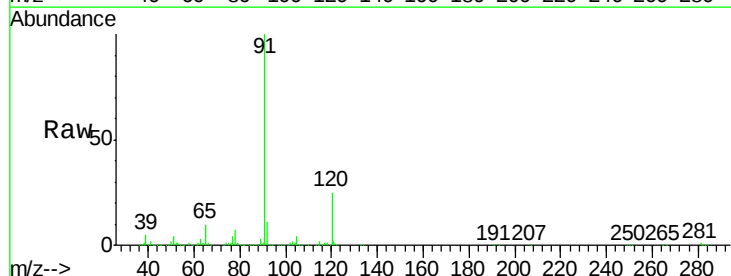
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

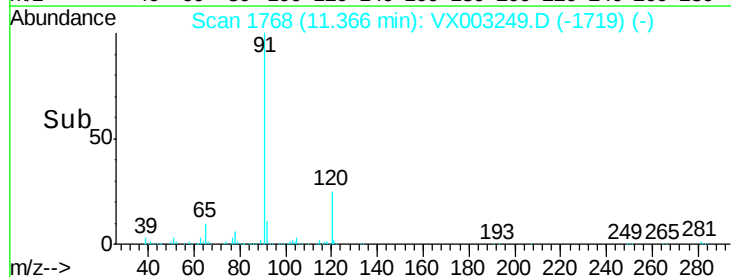
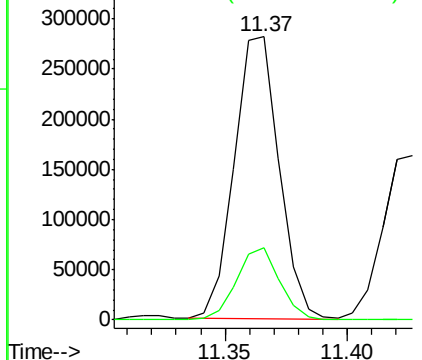
Lab File: VX003249.D

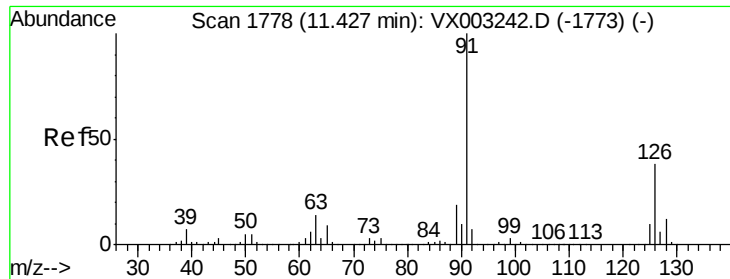
Acq: 09 Jul 2018 16:57

Tgt Ion:	91	Resp:	357230
Ion Ratio	Lower	Upper	
91	100		
120	24.8	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.35 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 91 Resp: 215148

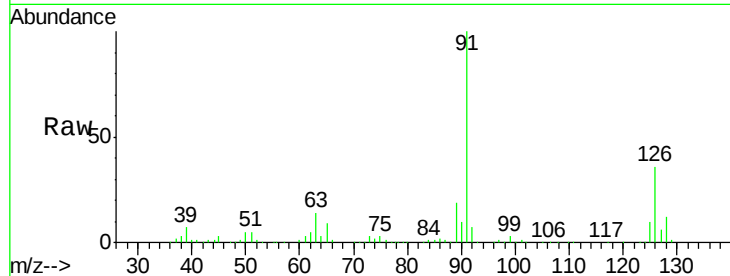
Ion Ratio Lower Upper

91 100

126 36.0 17.7 53.1

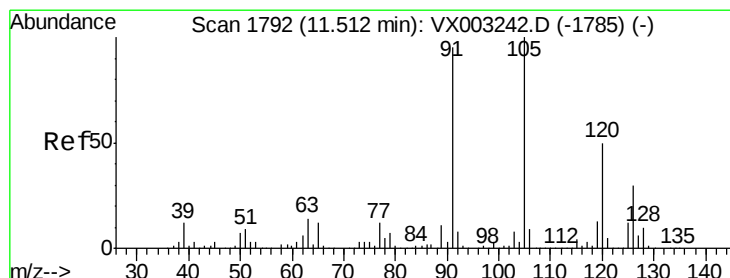
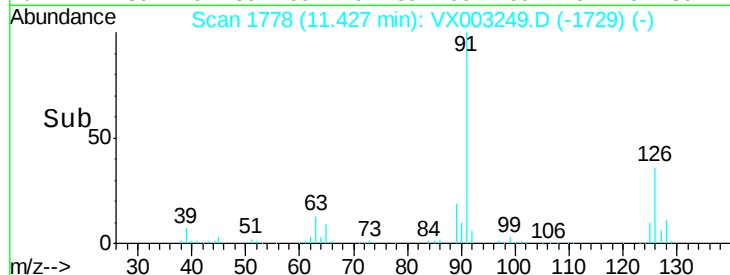
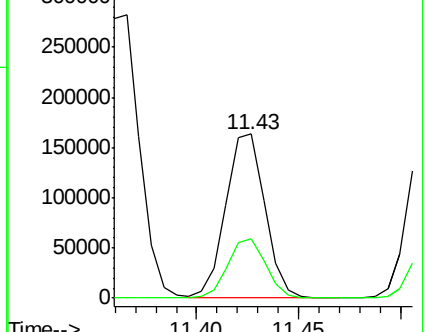
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.67 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003249.D

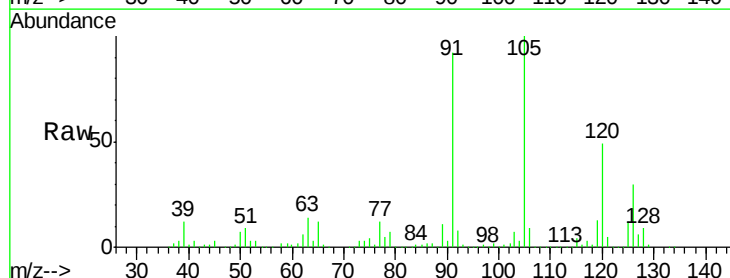
Acq: 09 Jul 2018 16:57

Tgt Ion: 105 Resp: 268822

Ion Ratio Lower Upper

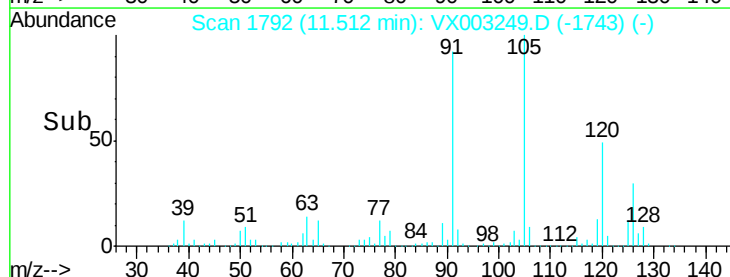
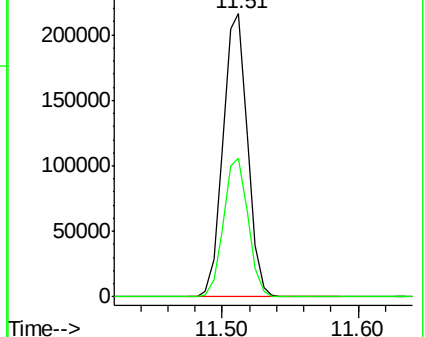
105 100

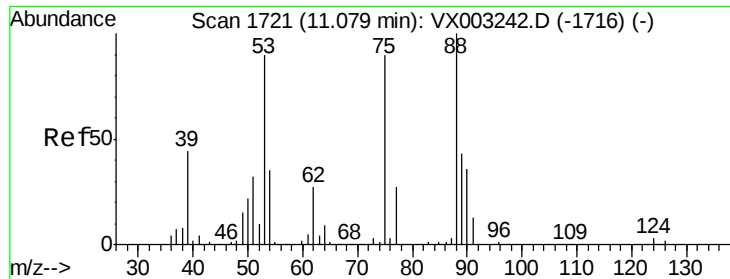
120 49.3 24.4 73.4



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: 17.92 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion: 75 Resp: 24634

Ion Ratio Lower Upper

75 100

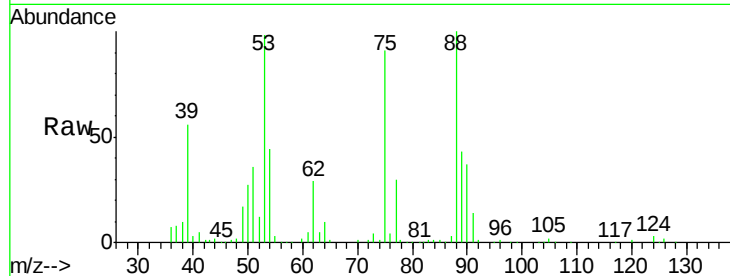
53 108.1 86.8 130.2

89 48.7 38.2 57.2

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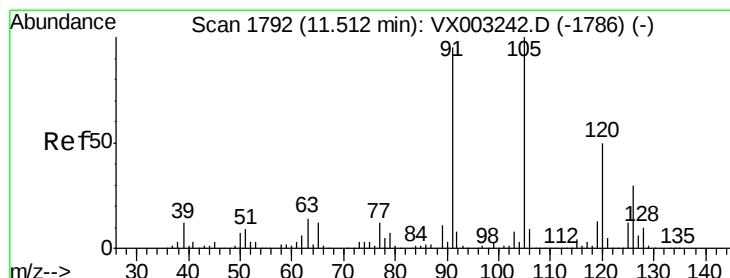
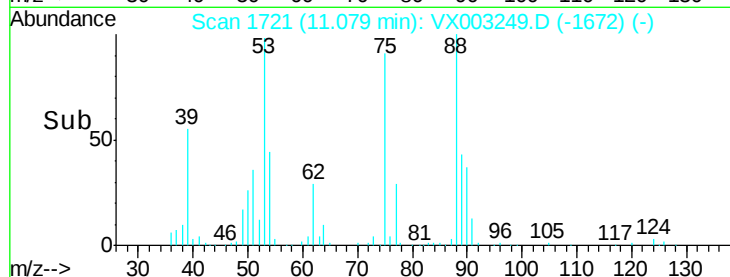
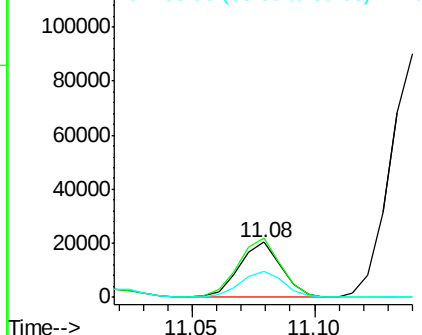
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.22 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003249.D

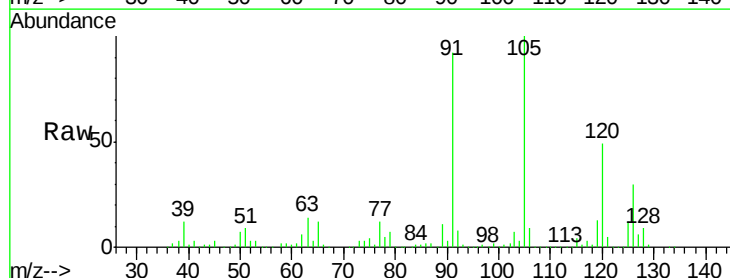
Acq: 09 Jul 2018 16:57

Tgt Ion: 91 Resp: 249527

Ion Ratio Lower Upper

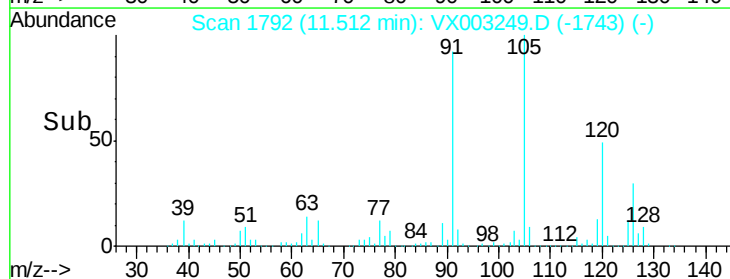
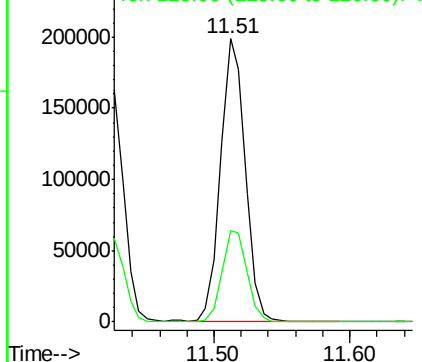
91 100

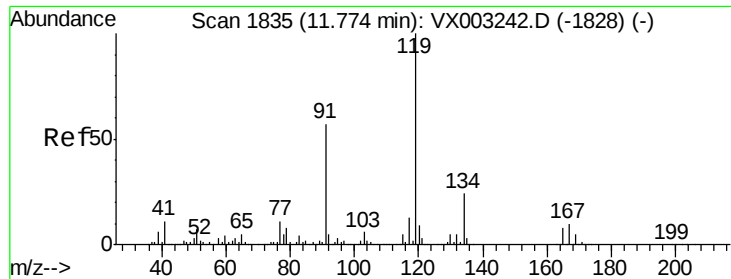
126 32.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





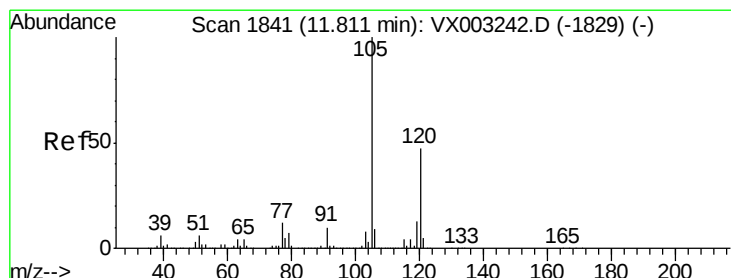
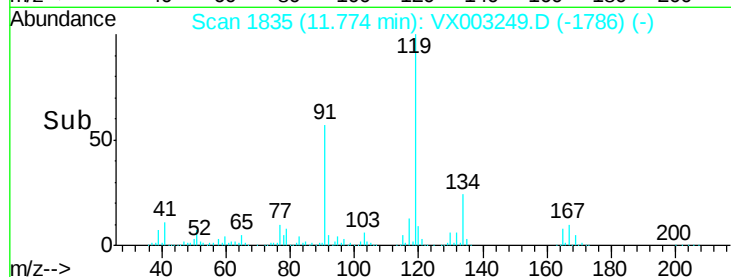
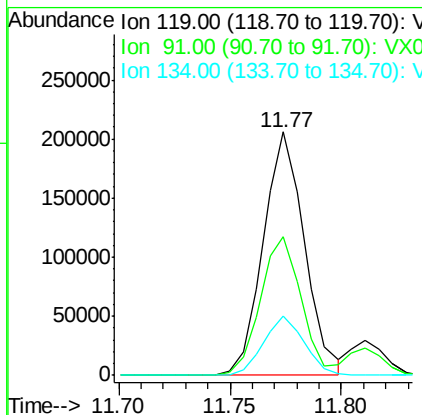
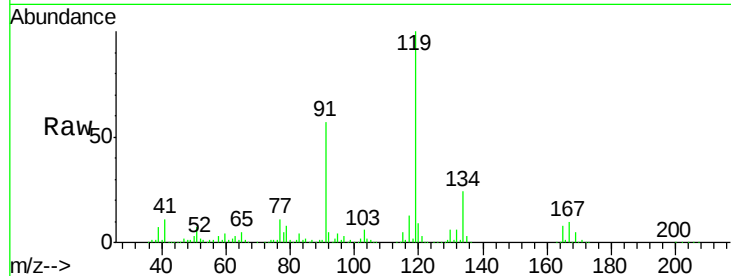
#83
 tert-Butylbenzene
 Concen: 19.43 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	265330		
91	57.0		30.3	90.9
134	24.0		11.7	35.1

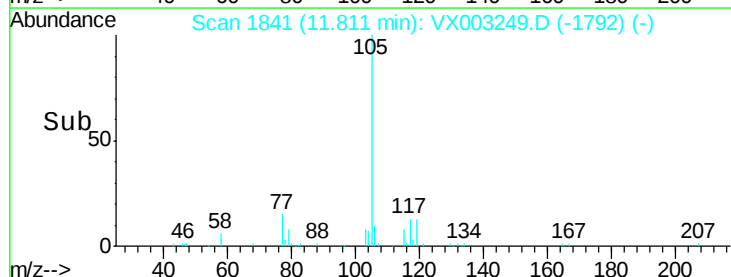
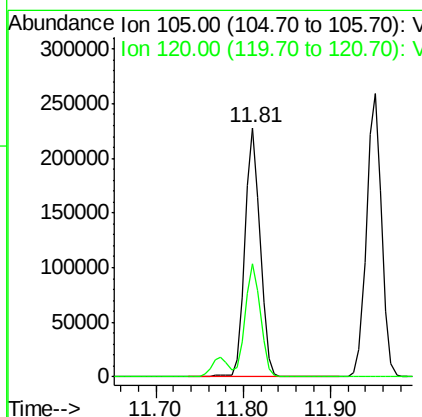
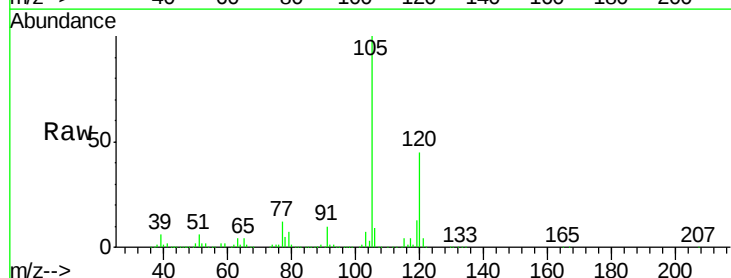
Manual Integrations
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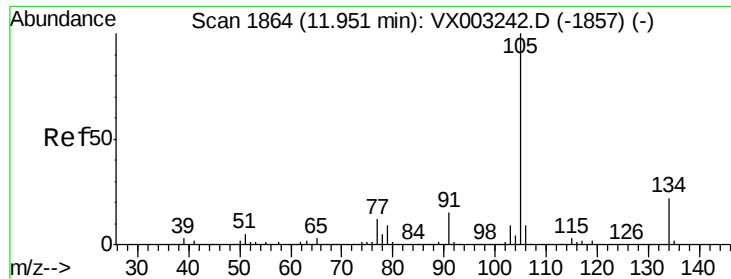
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.75 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276397		
120	45.4		22.3	66.8





#85

sec-Butylbenzene

Concen: 19.55 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VX0709MBS01

Tot Ion:105 Resp: 315409

Ion Ratio Lower Upper

105 100

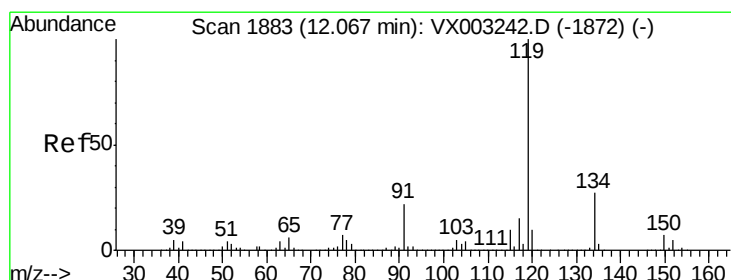
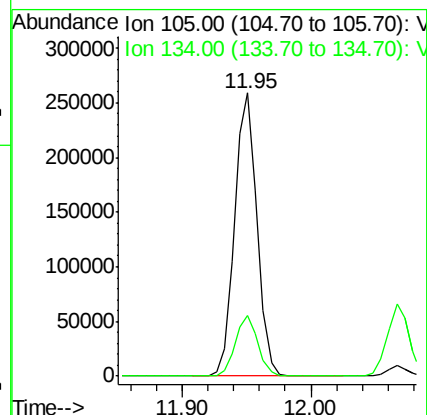
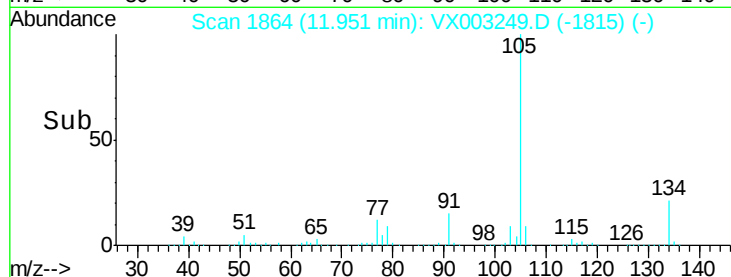
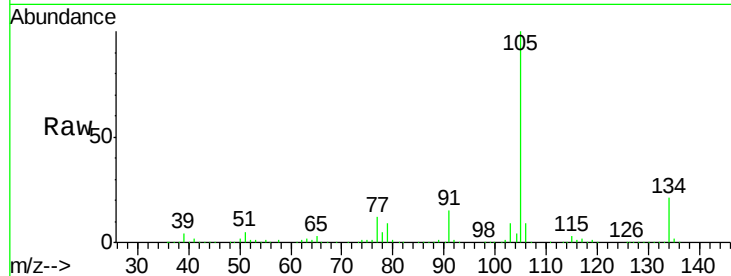
134 21.4 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.36 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

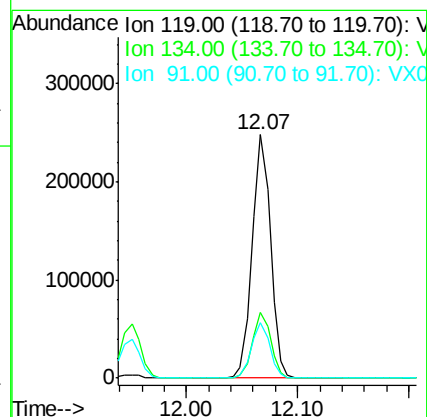
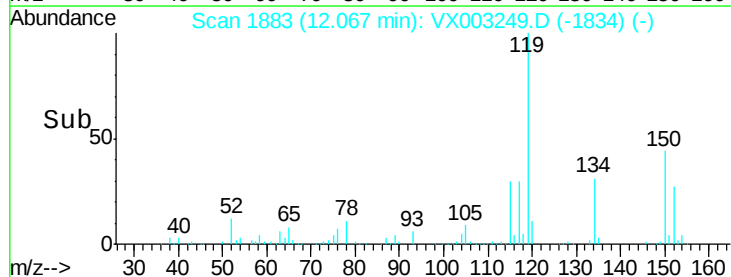
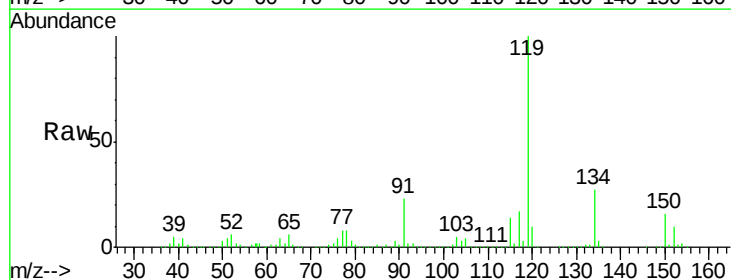
Tgt Ion:119 Resp: 284583

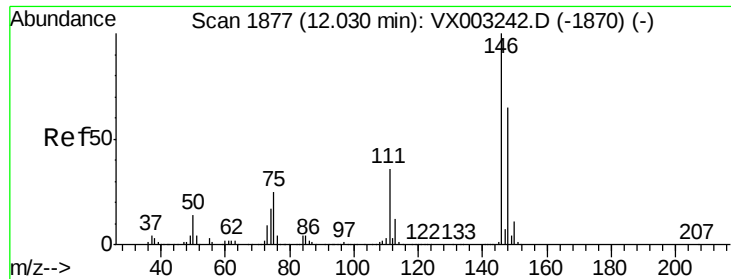
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 22.8 11.9 35.7





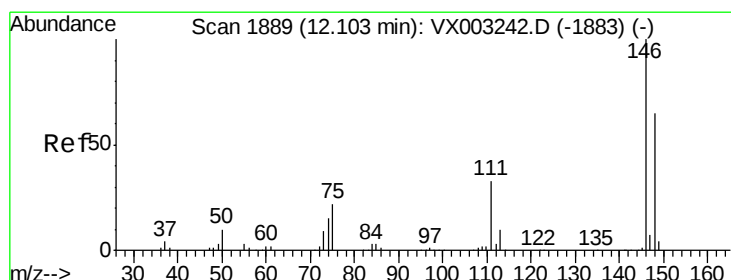
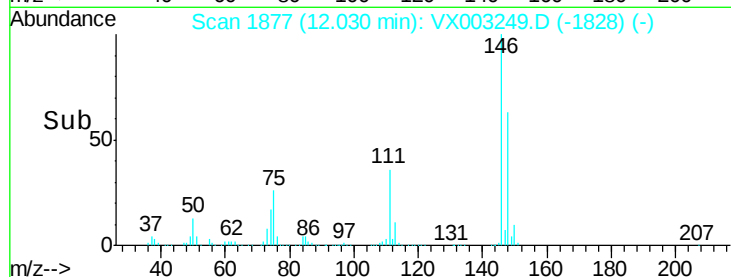
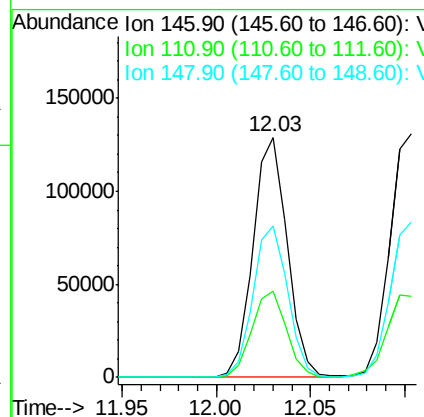
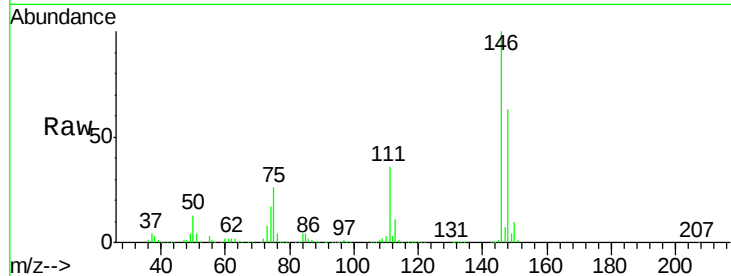
#87
 1,3-Dichlorobenzene
 Concen: 18.71 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.9	56.7
148	63.9	32.1	96.3

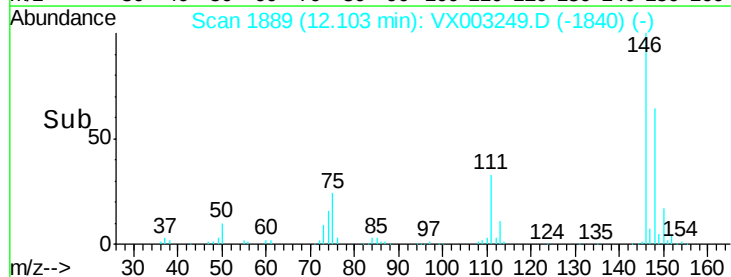
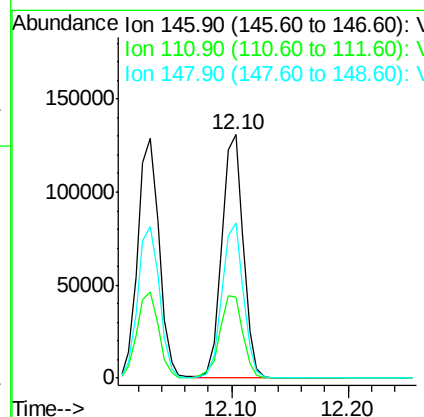
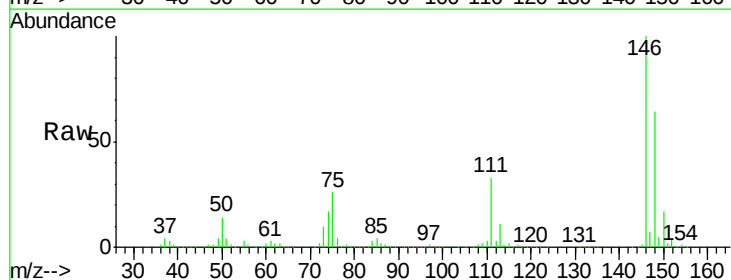
Manual Integrations
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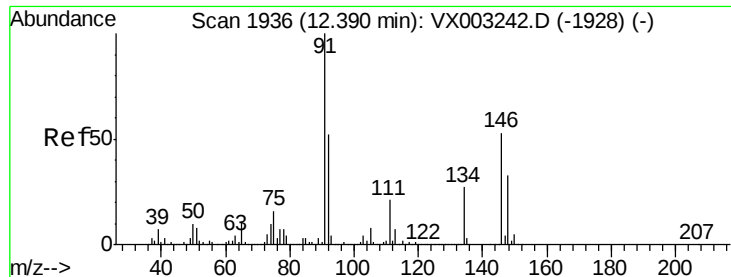
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#88
 1,4-Dichlorobenzene
 Concen: 18.75 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	63.7	32.4	97.0





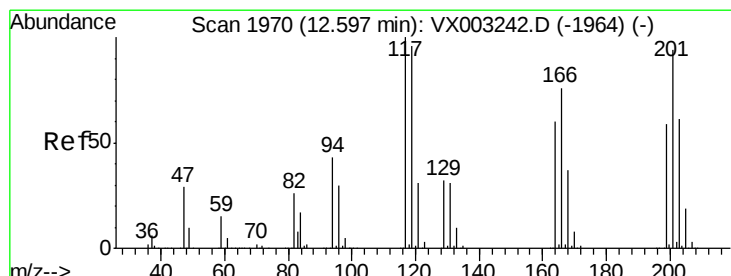
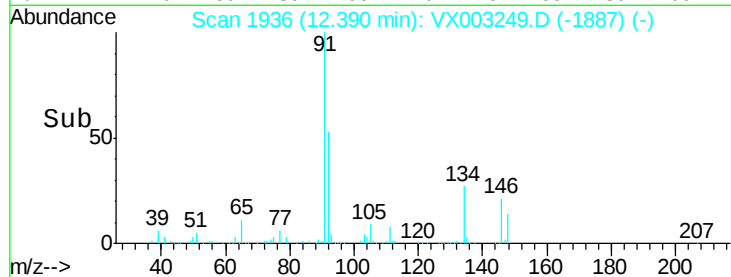
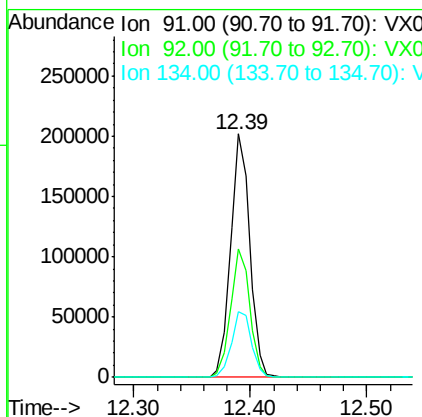
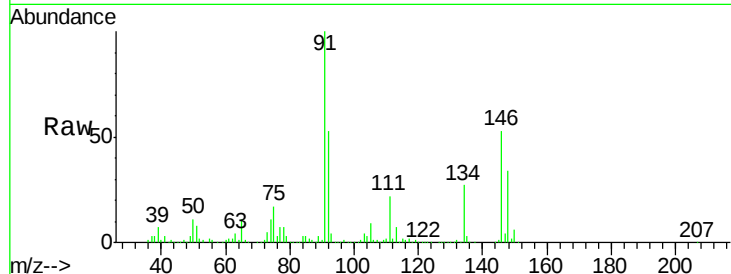
#89
n-Butylbenzene
Concen: 18.93 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VX0709MBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	232521		
92	52.6		26.0	78.0
134	28.0		13.5	40.5

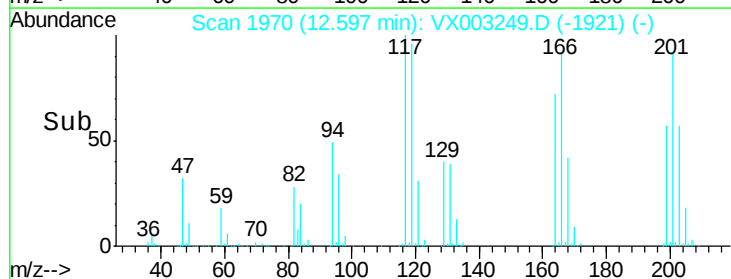
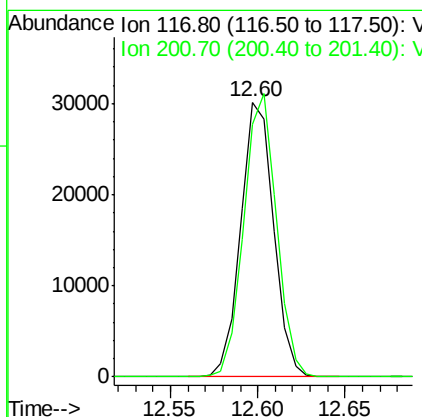
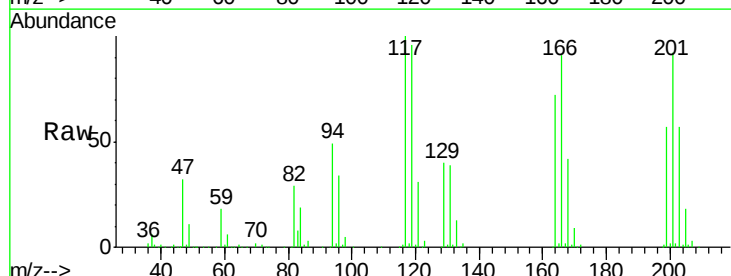
Manual Integrations
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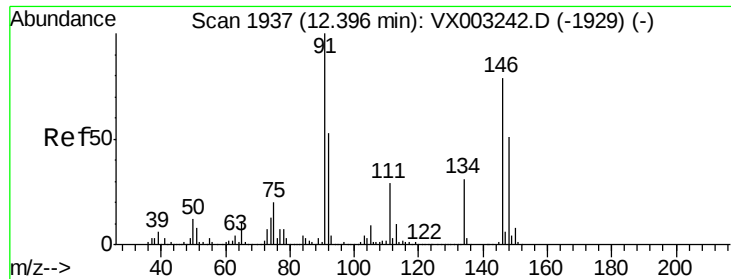
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#90
Hexachloroethane
Concen: 17.60 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003249.D
Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39498		
201	101.7		49.0	147.0





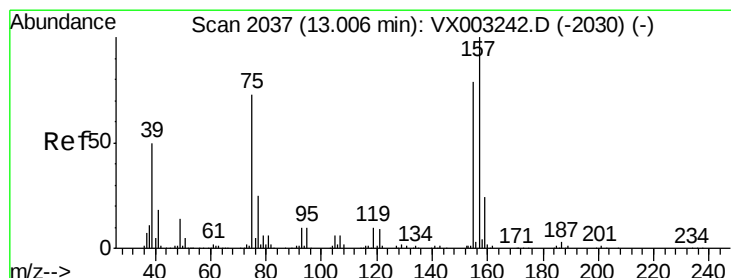
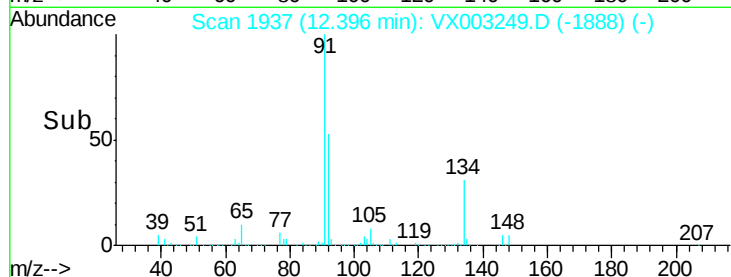
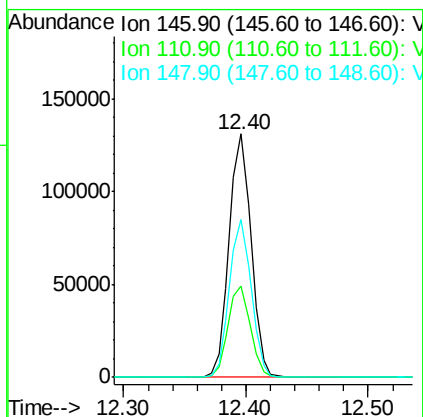
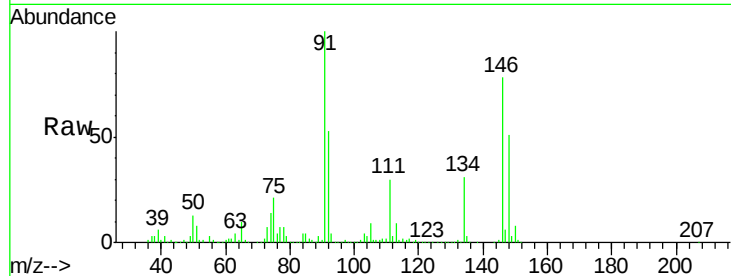
#91
 1,2-Dichlorobenzene
 Concen: 18.65 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.1
148	64.6	31.7	95.1

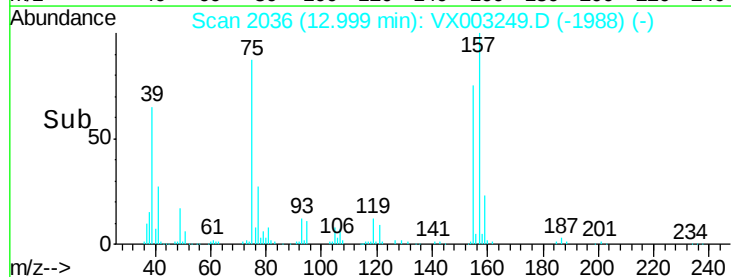
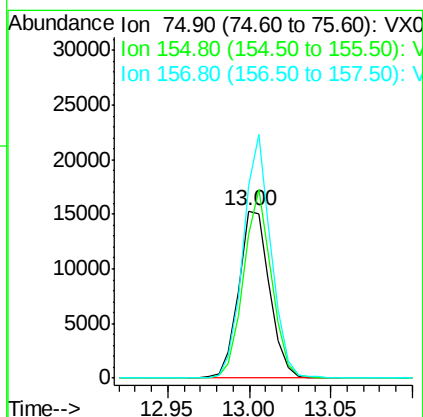
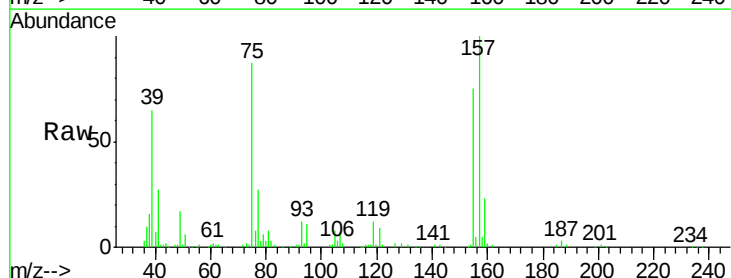
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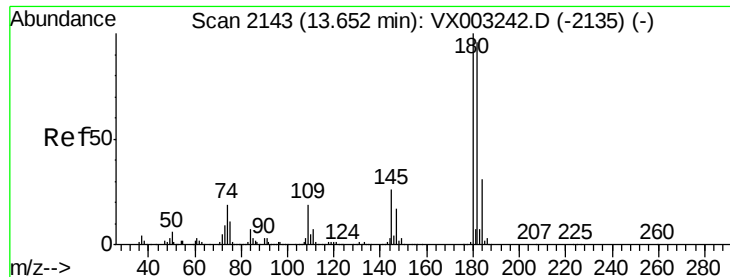
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.47 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.4	45.8	137.4
157	130.7	60.1	180.3





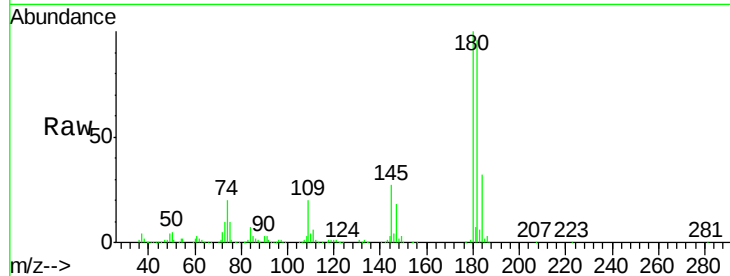
#93
 1,2,4-Trichlorobenzene
 Concen: 19.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709MBS01

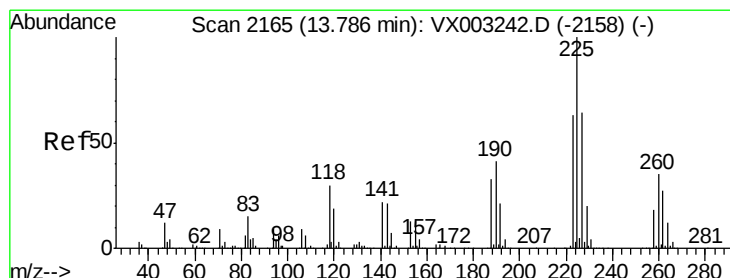
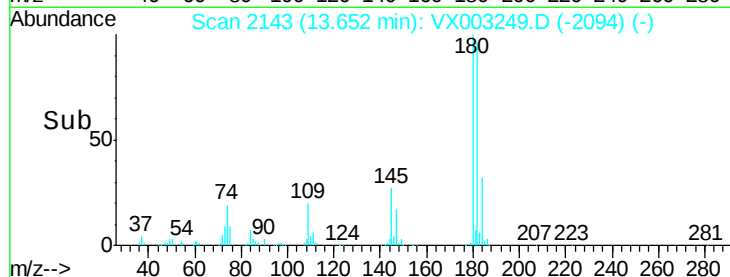
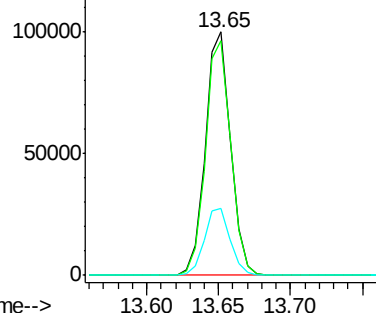
Tot Ion	Ratio	Resp	Lower	Upper
180	100	121998		
182	96.8	47.7	143.1	
145	27.9	14.1	42.4	

Manual Integrations
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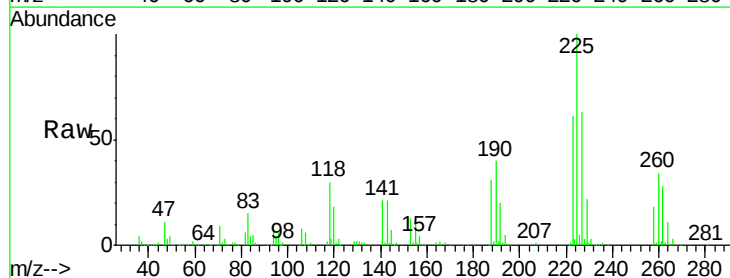


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

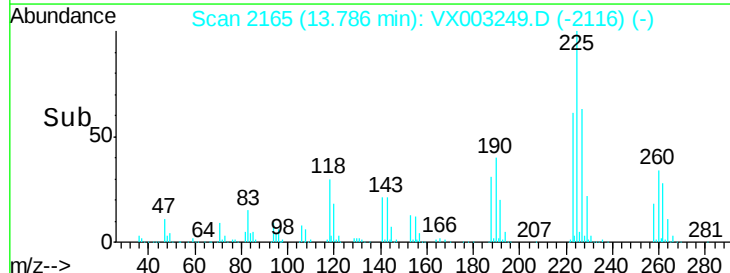
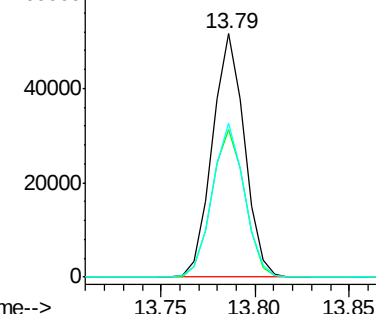


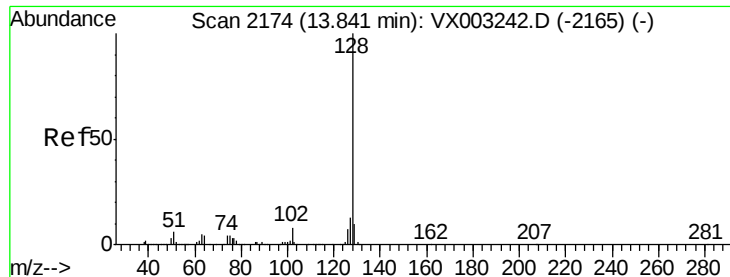
#94
 Hexachlorobutadiene
 Concen: 19.19 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003249.D
 Acq: 09 Jul 2018 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60687		
223	62.2	31.6	95.0	
227	63.1	32.4	97.2	



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





#95

Naphthalene

Concen: 20.43 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Instrument :

MSVOA_X

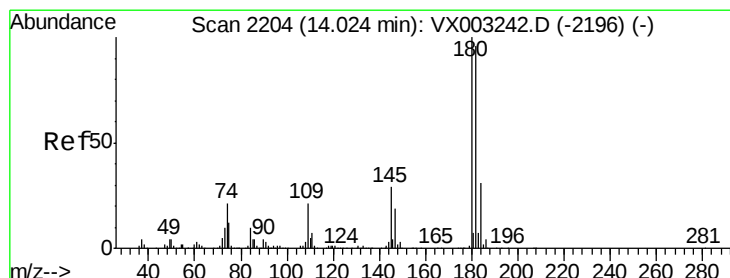
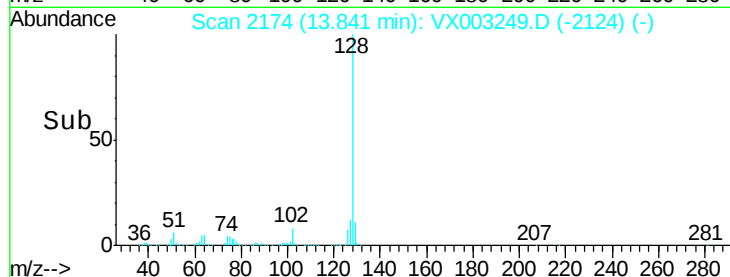
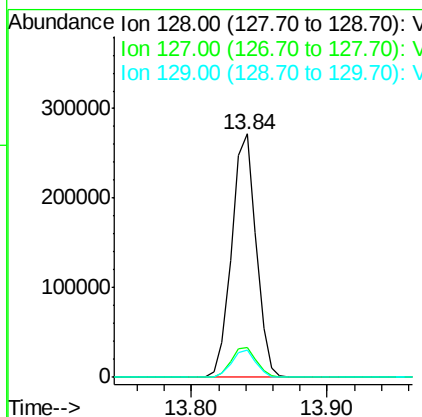
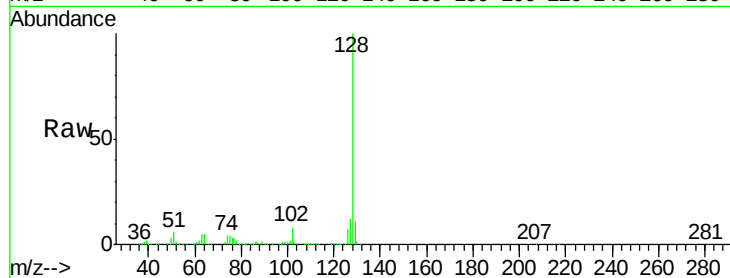
ClientSampleId :

VX0709MBS01

Tot Ion:	128	Resp:	339653
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

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#96

1,2,3-Trichlorobenzene

Concen: 19.55 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003249.D

Acq: 09 Jul 2018 16:57

Tgt Ion:	180	Resp:	123884
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.0	144.0
145	29.1	14.8	44.3

