

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003495.D
 Acq On : 20 Jul 2018 05:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 7/20/2018 5:22:05 PM

Quant Time: Jul 20 06:35:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231942	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187587	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	187480	60.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.26%	
50) Toluene-d8	8.72	98	626545	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	11.14	95	225137	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	122611	49.36	ug/l	95
3) Chloromethane	1.32	50	169186	55.07	ug/l	99
4) Vinyl Chloride	1.41	62	188646	47.47	ug/l	100
5) Bromomethane	1.64	94	75831	47.86	ug/l	98
6) Chloroethane	1.72	64	122335	52.02	ug/l	94
7) Trichlorofluoromethane	1.93	101	262280	49.46	ug/l	92
8) Diethyl Ether	2.19	74	113863	50.00	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	161134	46.43	ug/l	97
10) Methyl Iodide	2.51	142	210210	50.42	ug/l	93
11) Tert butyl alcohol	3.07	59	203361	277.50	ug/l	99
12) 1,1-Dichloroethene	2.37	96	161596	50.57	ug/l	90
13) Acrolein	2.29	56	79536	240.21	ug/l	99
14) Allyl chloride	2.73	41	285184	50.42	ug/l #	86
15) Acrylonitrile	3.15	53	499599	267.78	ug/l	97
16) Acetone	2.45	43	379715	271.44	ug/l #	89
17) Carbon Disulfide	2.57	76	435812	50.43	ug/l #	94
18) Methyl Acetate	2.78	43	189338	42.93	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	533982	51.17	ug/l	98
20) Methylene Chloride	2.86	84	181874	53.23	ug/l #	81
21) trans-1,2-Dichloroethene	3.16	96	177078	49.81	ug/l	89
22) Diisopropyl ether	3.87	45	571088	53.65	ug/l #	94
23) Vinyl Acetate	3.82	43	1956472	223.14	ug/l	96
24) 1,1-Dichloroethane	3.70	63	333542	53.41	ug/l	100
25) 2-Butanone	4.70	43	663865	282.85	ug/l	98
26) 2,2-Dichloropropane	4.59	77	174379	36.76	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	208208	52.59	ug/l	94
28) Bromochloromethane	5.02	49	152596	55.90	ug/l	83
29) Tetrahydrofuran	5.16	42	429392	276.95	ug/l	90
30) Chloroform	5.23	83	337656	55.37	ug/l	91
31) Cyclohexane	5.57	56	285011	51.08	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	279782	53.58	ug/l	96
36) 1,1-Dichloropropene	5.80	75	237797	53.81	ug/l	98
37) Ethyl Acetate	4.86	43	208932	49.96	ug/l #	93
38) Carbon Tetrachloride	5.79	117	239847	55.33	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	247437	47.27	ug/l	93
40) Benzene	6.15	78	693117	51.95	ug/l	100
41) Methacrylonitrile	5.07	41	144613	58.84	ug/l	91
42) 1,2-Dichloroethane	6.20	62	217720	51.79	ug/l	94
43) Isopropyl Acetate	6.46	43	313865	47.18	ug/l #	93
44) Trichloroethene	7.21	130	208742	52.46	ug/l	99
45) 1,2-Dichloropropane	7.52	63	176670	52.14	ug/l	100
46) Dibromomethane	7.67	93	113617	52.09	ug/l	93
47) Bromodichloromethane	7.90	83	218348	54.68	ug/l	97
48) Methyl methacrylate	7.78	41	179905	53.63	ug/l #	83
49) 1,4-Dioxane	7.76	88	81356	1070.32	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	1178564	280.44	ug/l	93
52) Toluene	8.79	92	440101	52.40	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	251450	51.16	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	228681	51.74	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	174073	52.09	ug/l	98
56) Ethyl methacrylate	9.18	69	253740	53.90	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	283239	52.43	ug/l	100
59) 2-Hexanone	9.50	43	869290	279.17	ug/l	90
60) Dibromochloromethane	9.59	129	177070	53.53	ug/l	99
61) 1,2-Dibromoethane	9.68	107	179698	51.87	ug/l	99
64) Tetrachloroethene	9.34	164	225690	48.17	ug/l	97
65) Chlorobenzene	10.14	112	489670	49.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177175	51.97	ug/l	99
67) Ethyl Benzene	10.26	91	819300	51.43	ug/l	99
68) m/p-Xylenes	10.36	106	642880	102.93	ug/l	96
69) o-Xylene	10.70	106	310394	51.39	ug/l	97
70) Styrene	10.71	104	525397	52.89	ug/l	97
71) Bromoform	10.86	173	137369	51.86	ug/l #	100
73) Isopropylbenzene	11.02	105	815522	50.84	ug/l	100
74) N-amyl acetate	6.46	43	313865	46.08	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	244166	51.94	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	249506m	59.88	ug/l	
77) Bromobenzene	11.26	156	223838	48.52	ug/l	99
78) n-propylbenzene	11.36	91	930480	52.18	ug/l	99
79) 2-Chlorotoluene	11.42	91	556777	51.44	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	687114	52.12	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	63688	43.72	ug/l	91
82) 4-Chlorotoluene	11.51	91	648340	51.12	ug/l	98
83) tert-Butylbenzene	11.77	119	659096	51.05	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	713157	53.16	ug/l	98
85) sec-Butylbenzene	11.95	105	799919	51.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	720373	51.19	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	411898	48.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	413076	47.28	ug/l	99
89) n-Butylbenzene	12.39	91	594328	49.73	ug/l	99
90) Hexachloroethane	12.60	117	101253	50.61	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	421475	50.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48721	53.26	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	283113	46.22	ug/l	99

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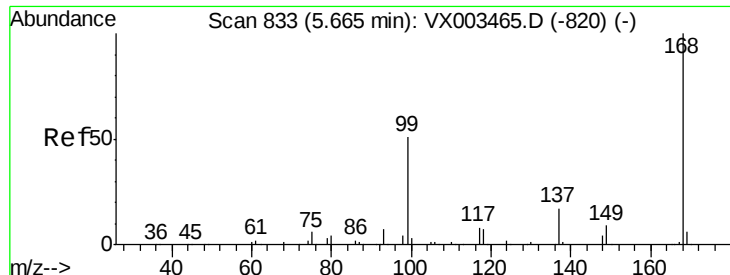
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	133684	45.38	ug/l	99
95) Naphthalene	13.83	128	850968	52.86	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	293024	48.32	ug/l	99

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



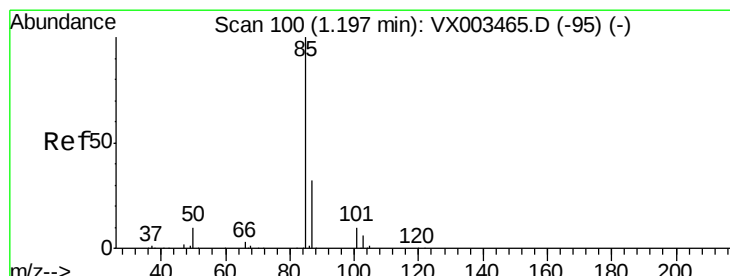
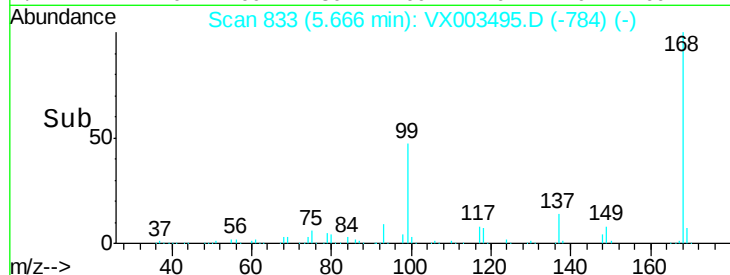
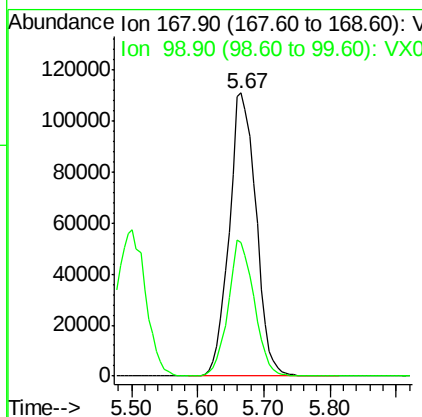
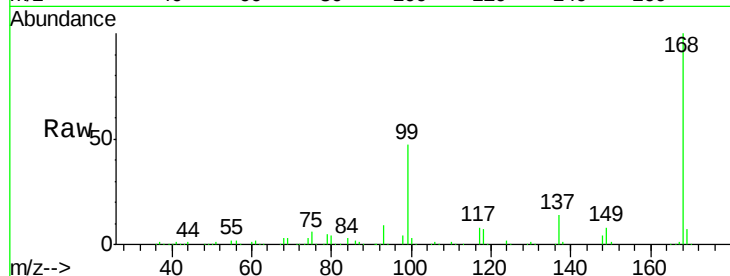
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.1	39.3	58.9

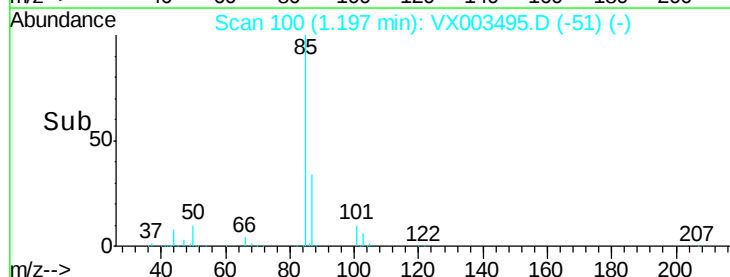
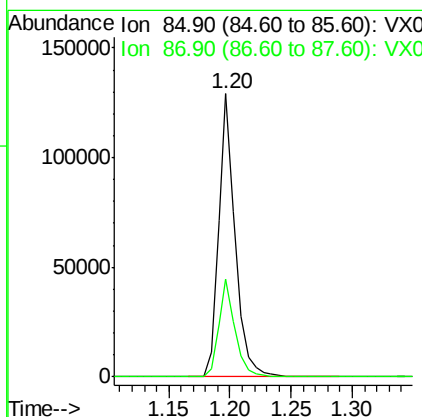
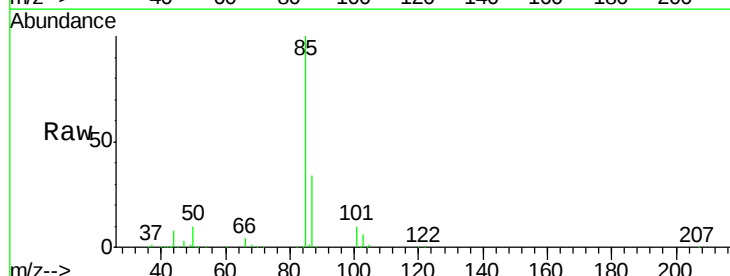
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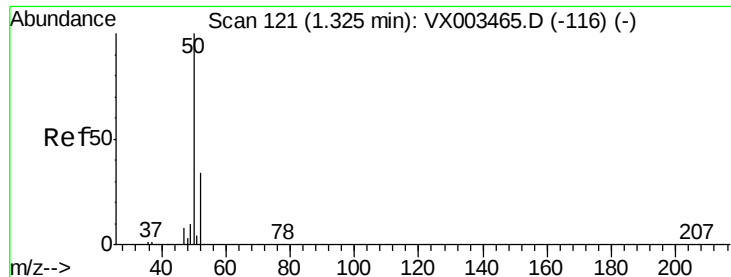
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#2
Dichlorodifluoromethane
Concen: 49.36 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.5	16.0	47.9





#3

Chloromethane

Concen: 55.07 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 169186

Ion Ratio Lower Upper

50 100

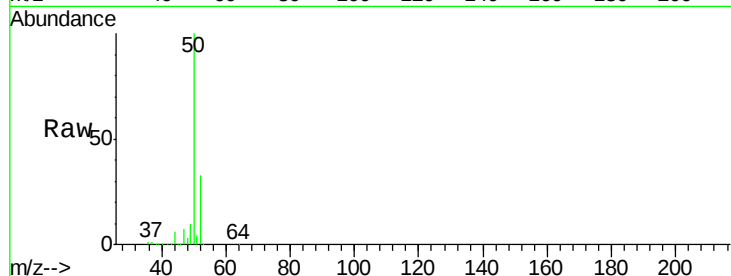
52 32.6 25.7 38.5

Manual Integrations

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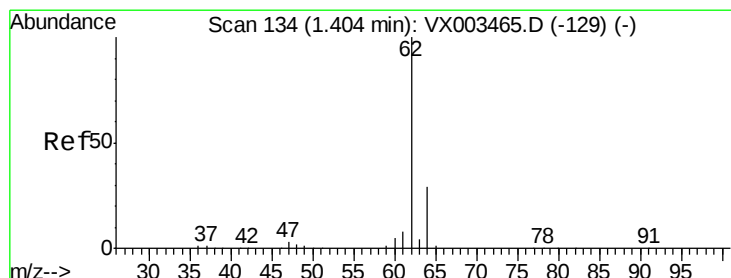
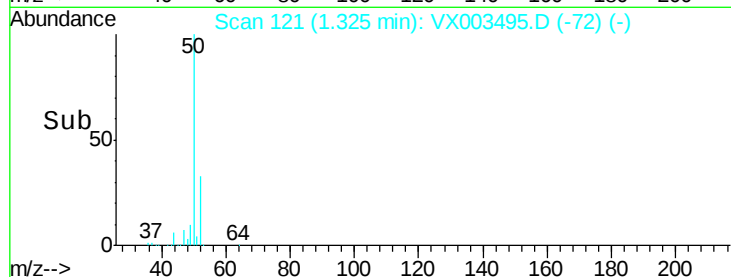
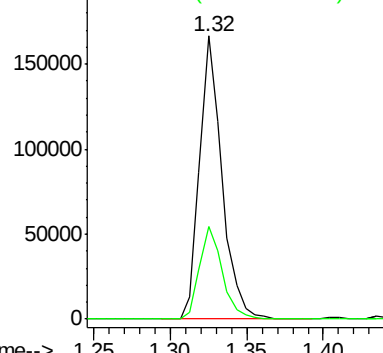
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.47 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003495.D

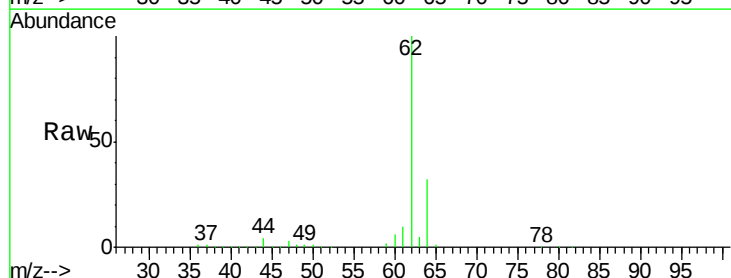
Acq: 20 Jul 2018 05:51

Tgt Ion: 62 Resp: 188646

Ion Ratio Lower Upper

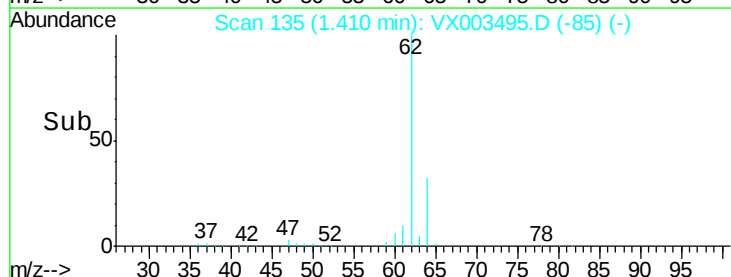
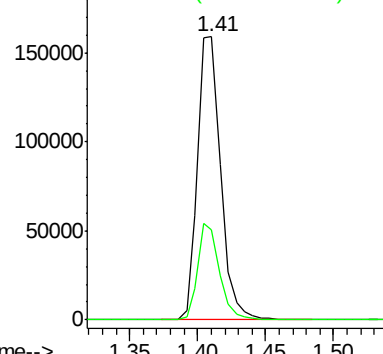
62 100

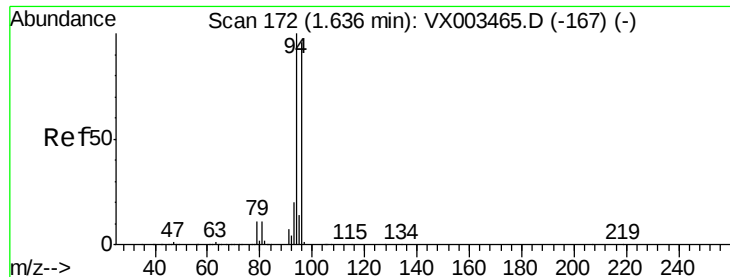
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.86 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 75831

Ion Ratio Lower Upper

94 100

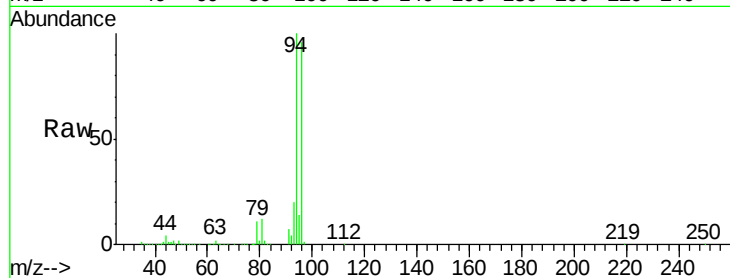
96 95.7 74.9 112.3

Manual Integrations

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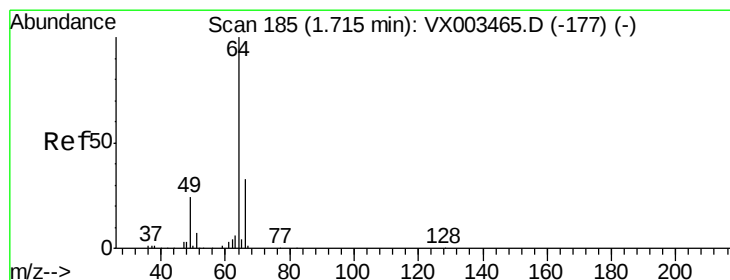
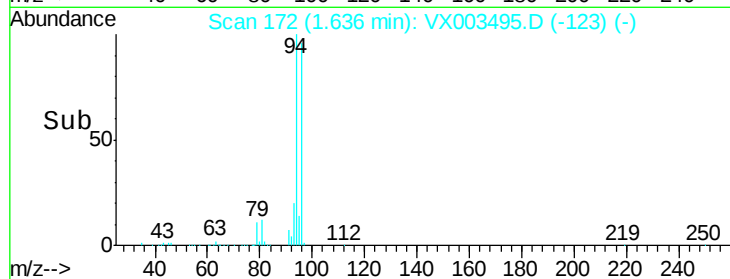
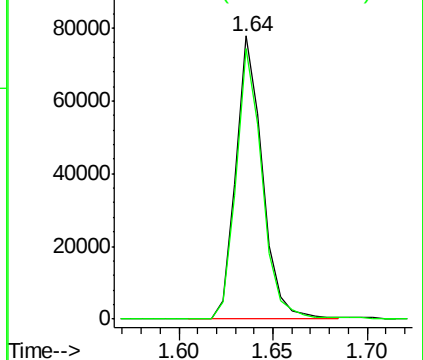
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.02 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003495.D

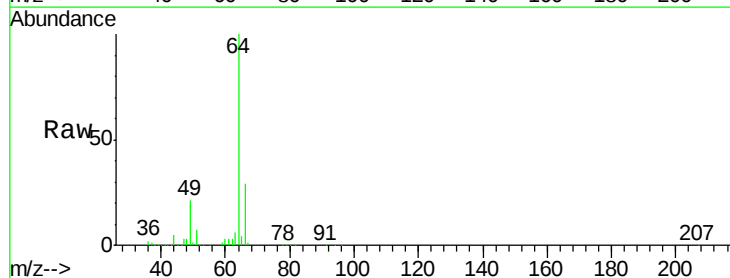
Acq: 20 Jul 2018 05:51

Tgt Ion: 64 Resp: 122335

Ion Ratio Lower Upper

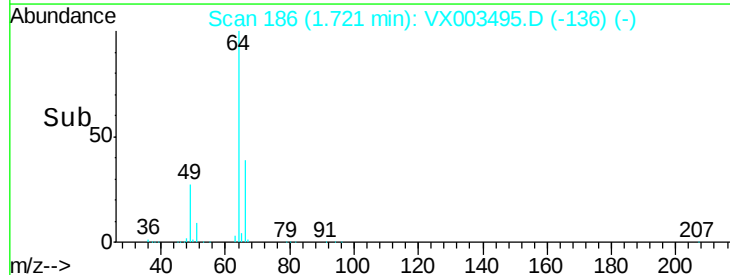
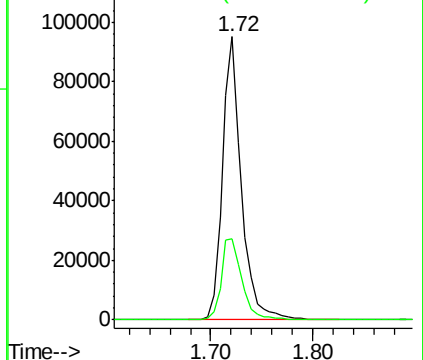
64 100

66 28.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

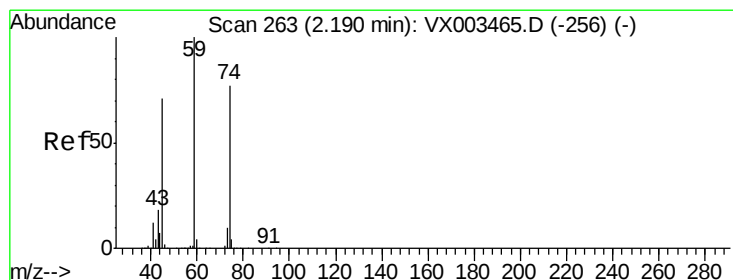
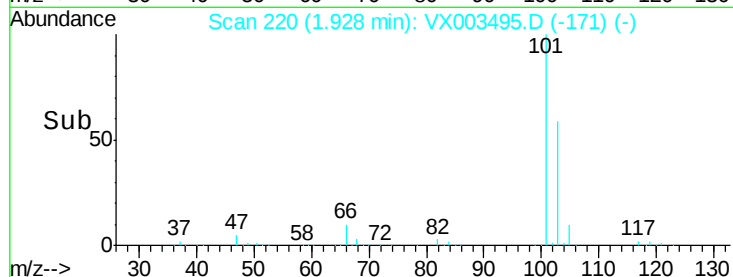
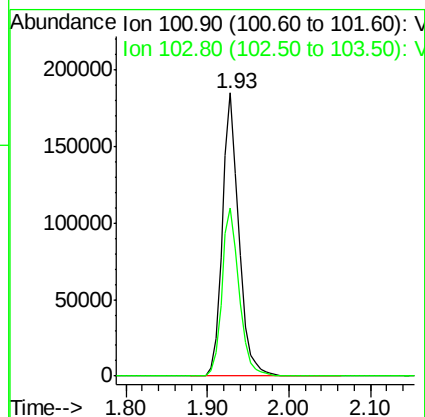
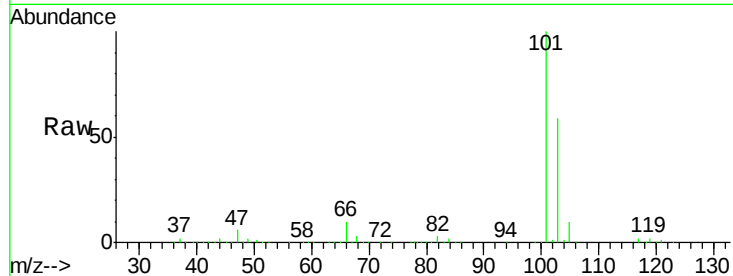
Trichlorofluoromethane
 Concen: 49.46 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		262280		
103	59.5	52.8	79.2		

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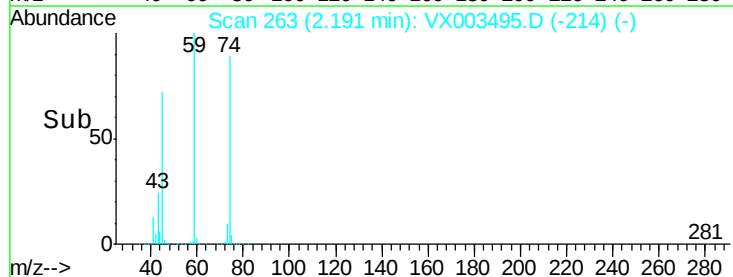
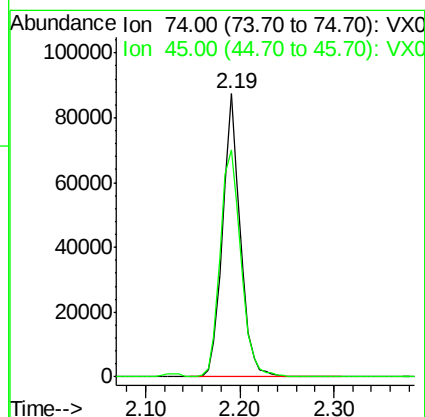
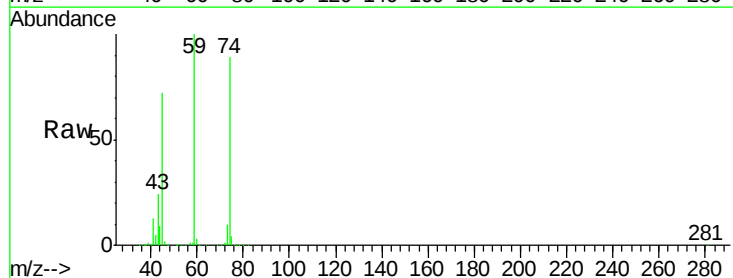
MMDadoda
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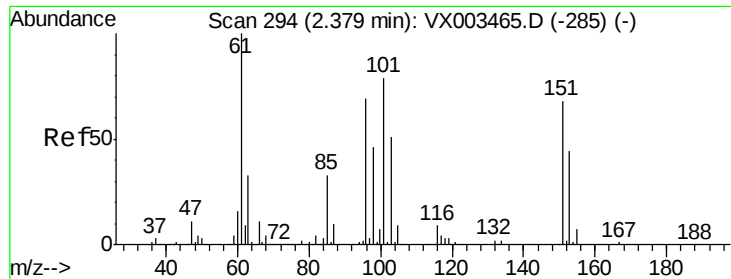


#8

Diethyl Ether
 Concen: 50.00 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		113863		
45	93.5	53.1	159.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.43 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

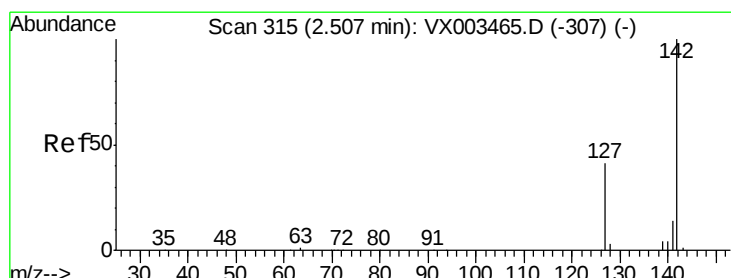
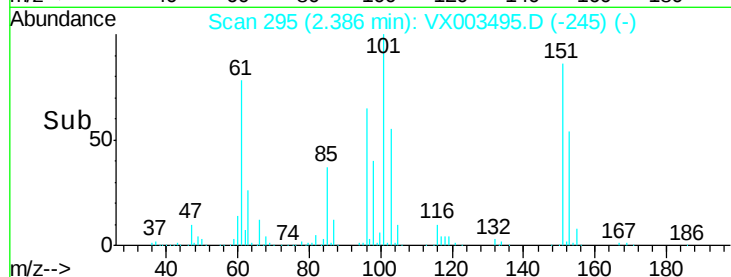
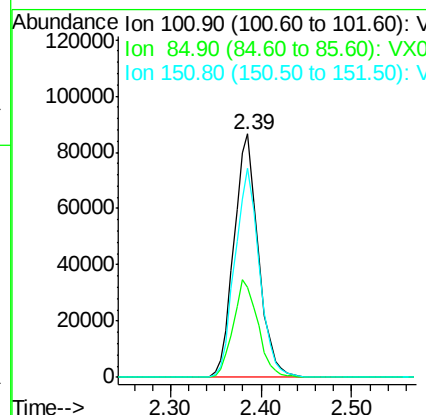
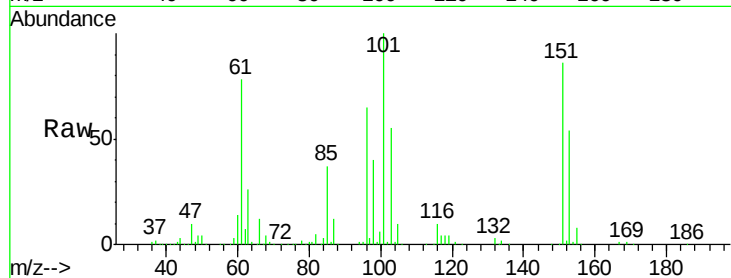
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	161134
Ion Ratio	Lower	Upper	
101	100		
85	40.8	36.0	54.0
151	86.8	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 50.42 ug/l

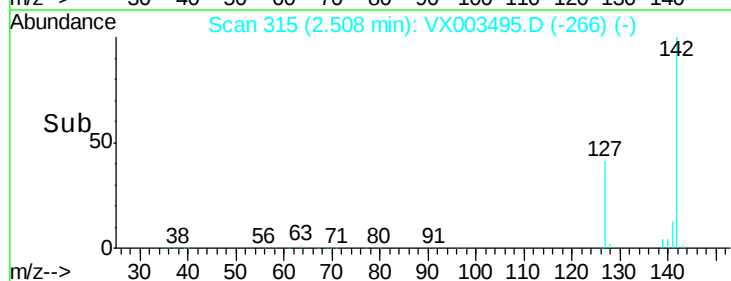
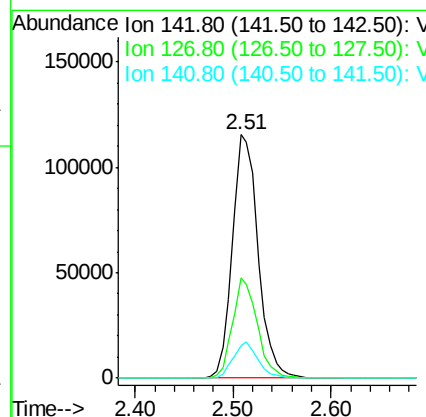
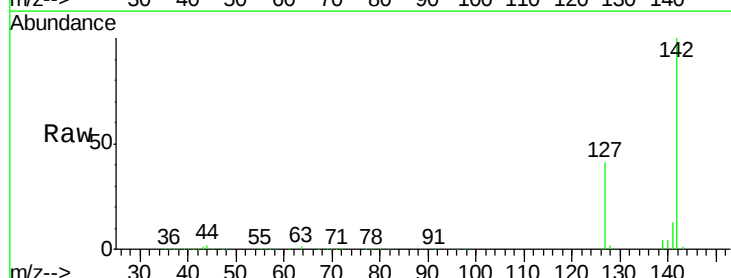
RT: 2.51 min Scan# 315

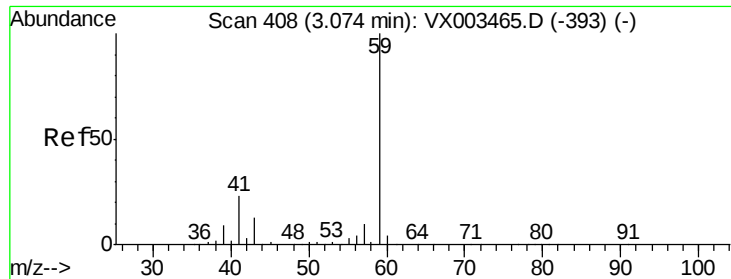
Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tgt Ion:	142	Resp:	210210
Ion Ratio	Lower	Upper	
142	100		
127	39.7	36.6	55.0
141	14.4	11.3	16.9





#11

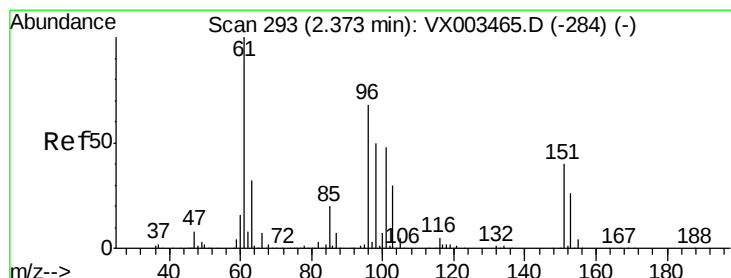
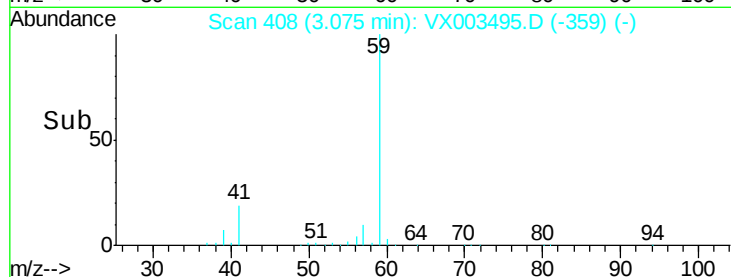
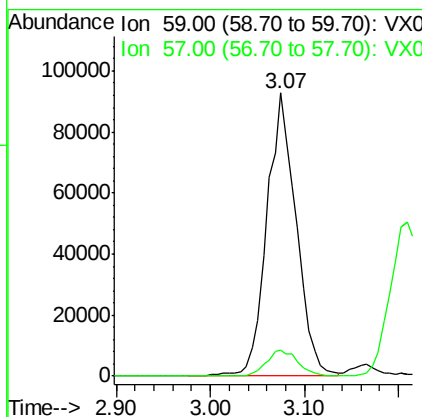
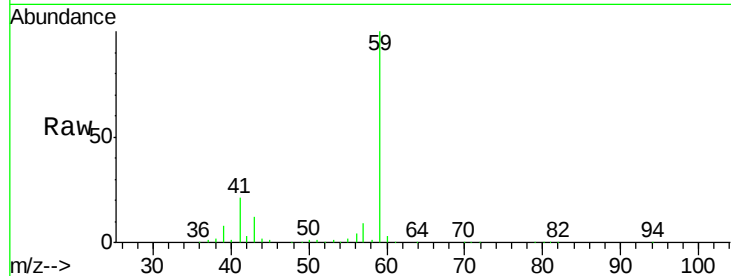
Tert butyl alcohol
Concen: 277.50 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	203361		
57	9.9		8.2	12.2

Manual Integrations
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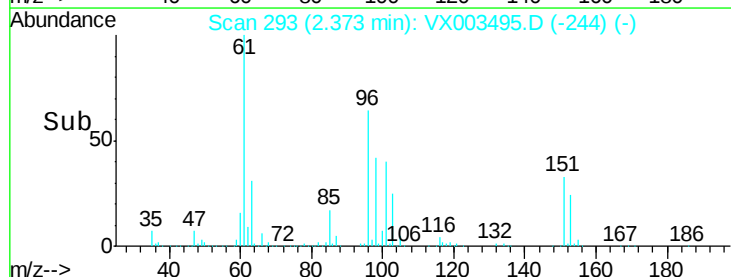
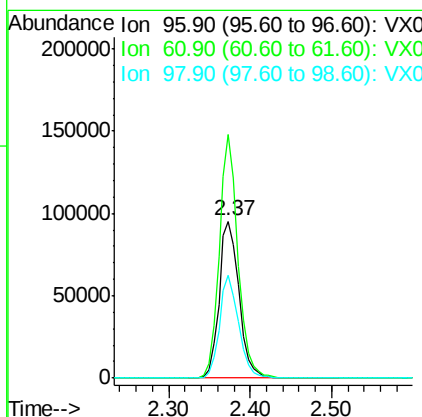
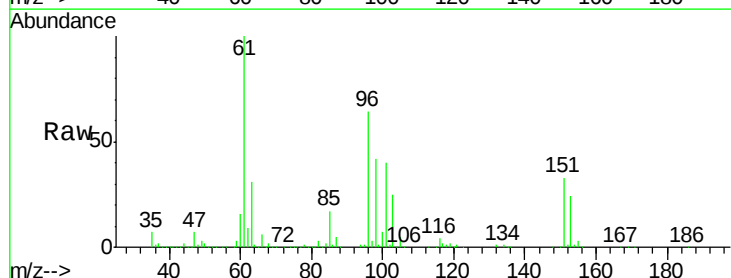
MMDadoda
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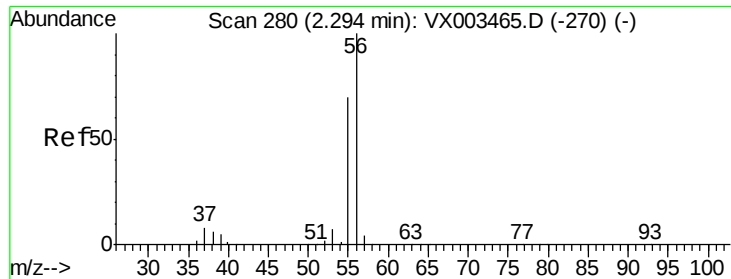


#12

1,1-Dichloroethene
Concen: 50.57 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	161596		
61	155.1		137.9	206.9
98	65.7		51.6	77.4





#13

Acrolein

Concen: 240.21 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 79536

Ion Ratio Lower Upper

56 100

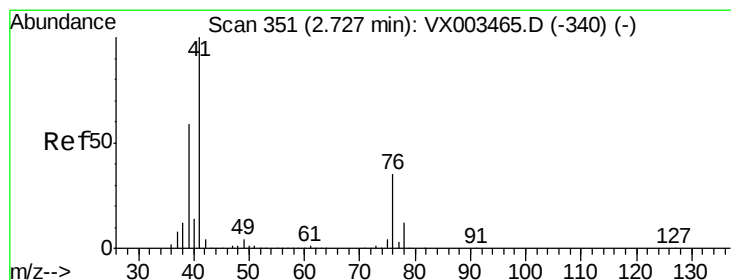
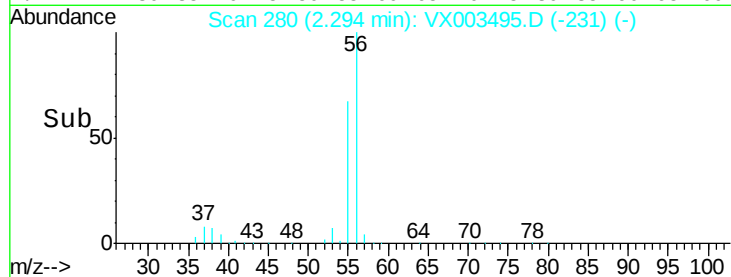
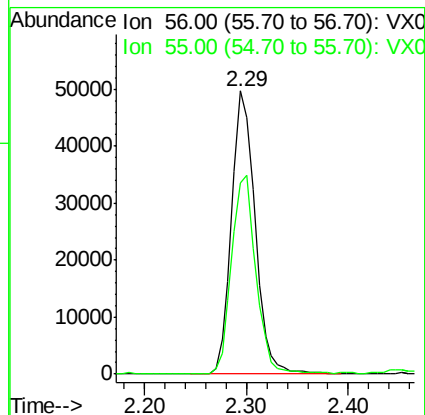
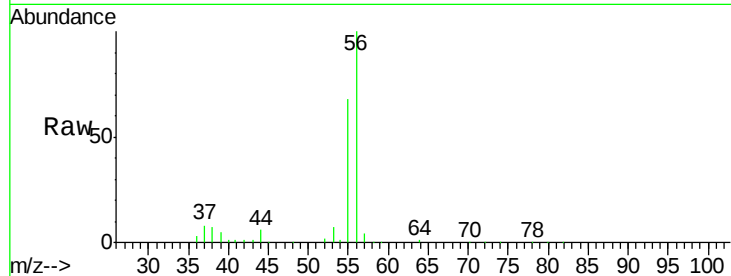
55 72.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 50.42 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

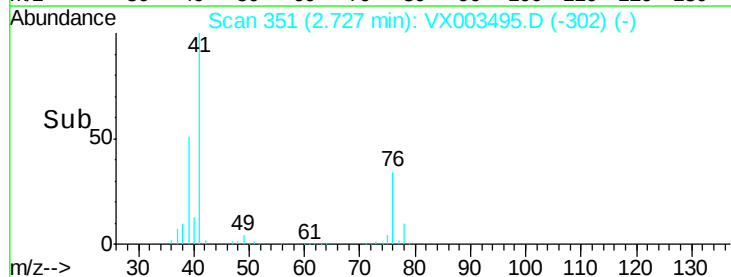
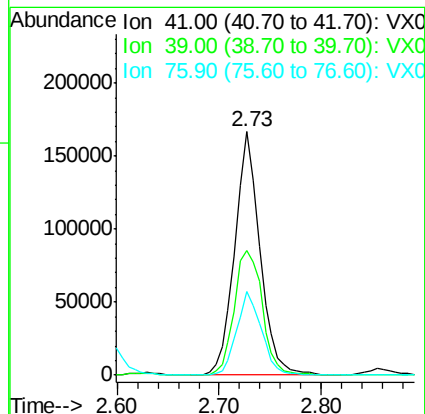
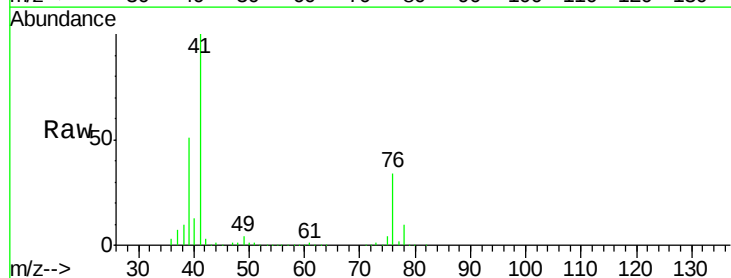
Tgt Ion: 41 Resp: 285184

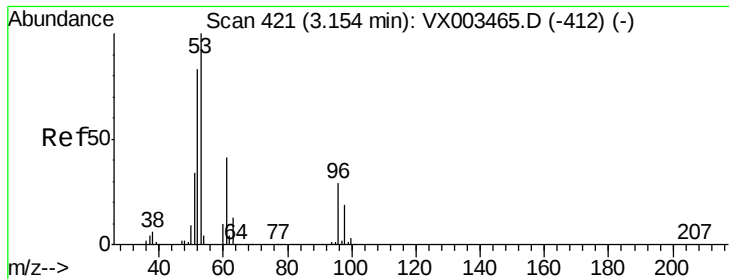
Ion Ratio Lower Upper

41 100

39 56.6 56.8 85.2#

76 33.3 23.8 35.8





#15

Acrylonitrile

Concen: 267.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

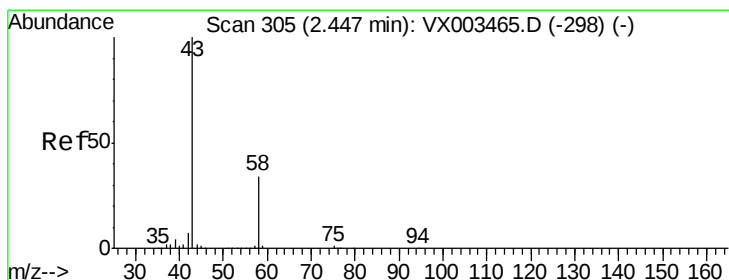
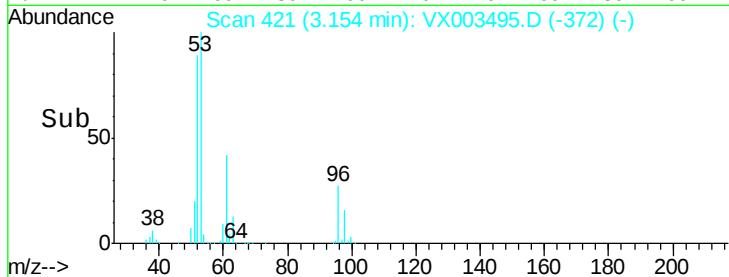
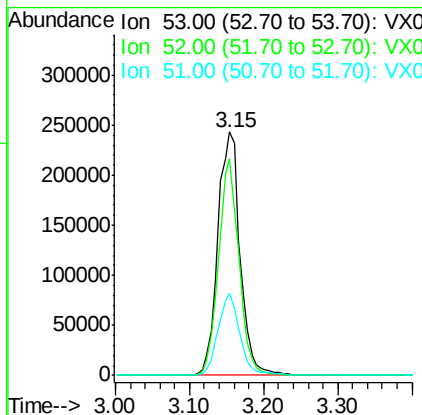
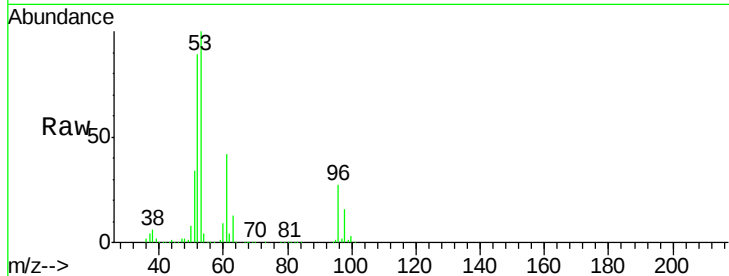
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	499599
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.7	100.1
51	33.0	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 271.44 ug/l

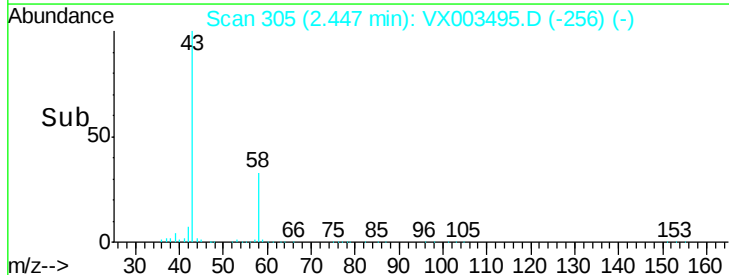
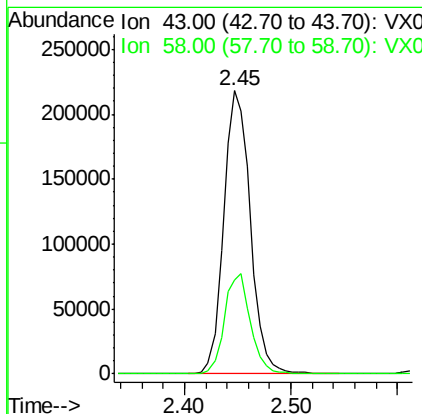
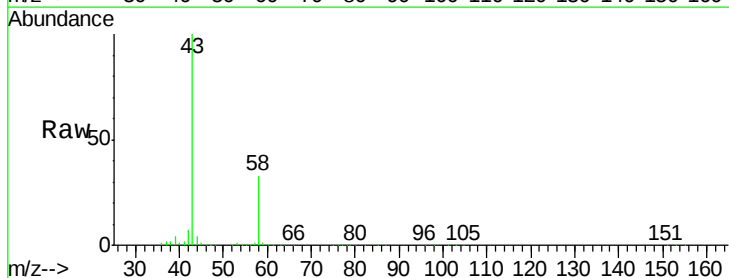
RT: 2.45 min Scan# 305

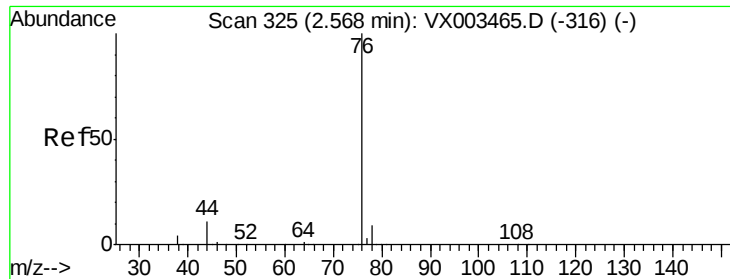
Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tgt Ion:	43	Resp:	379715
Ion Ratio	Lower	Upper	
43	100		
58	33.3	22.1	33.1#





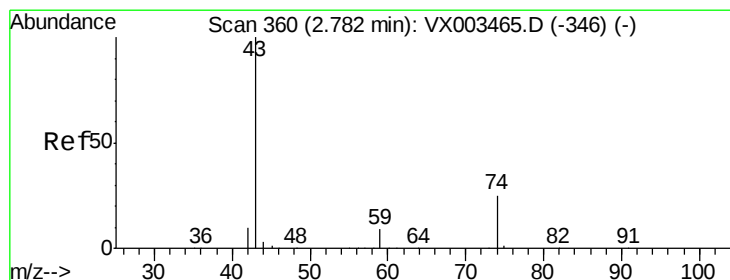
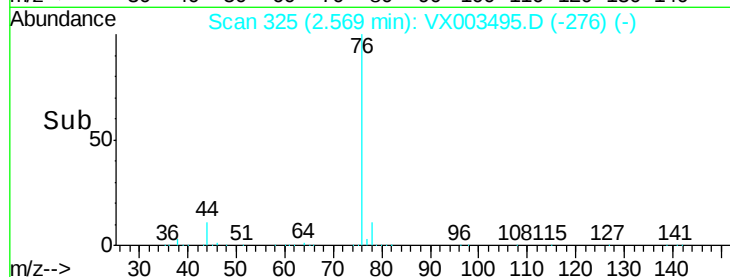
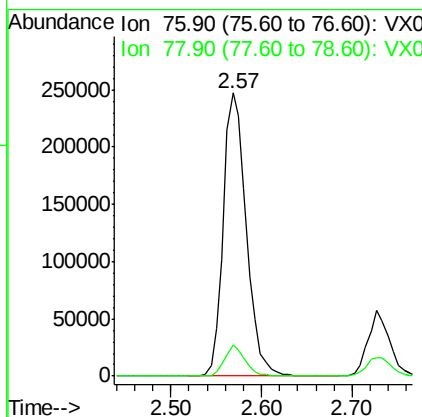
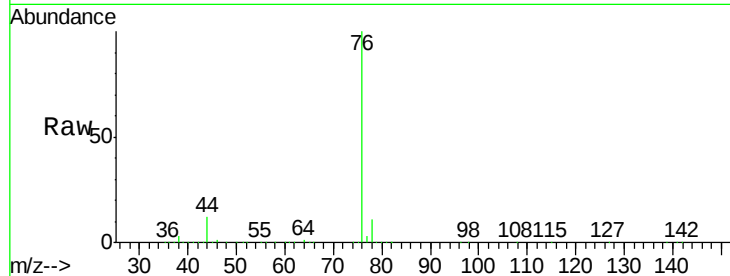
#17
Carbon Disulfide
Concen: 50.43 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.9	6.9	10.3#

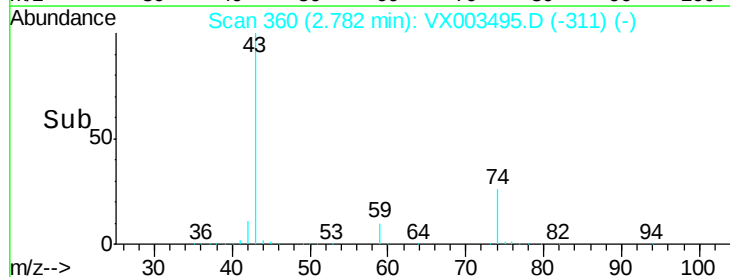
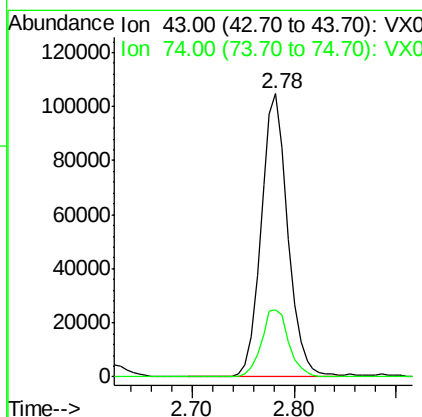
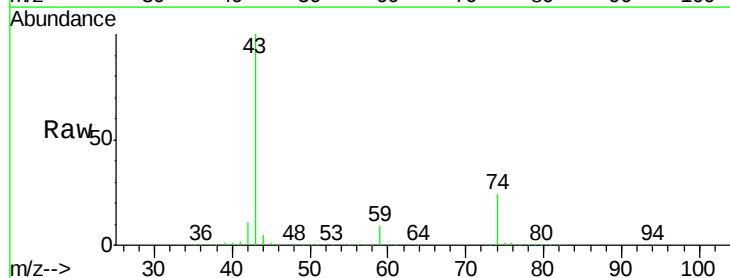
Manual Integrations
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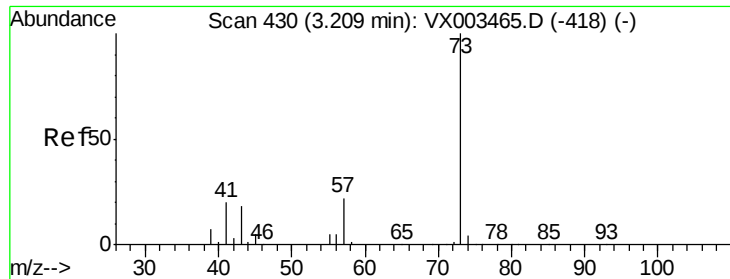
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#18
Methyl Acetate
Concen: 42.93 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	16.7	25.1





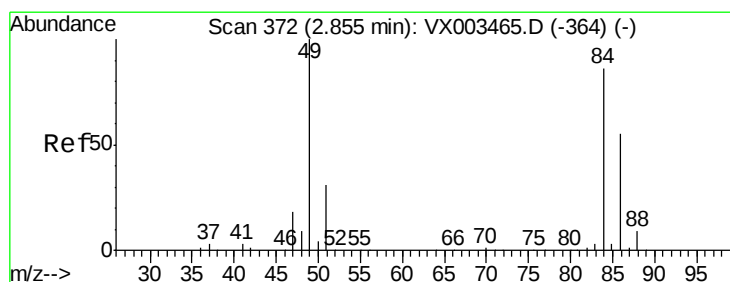
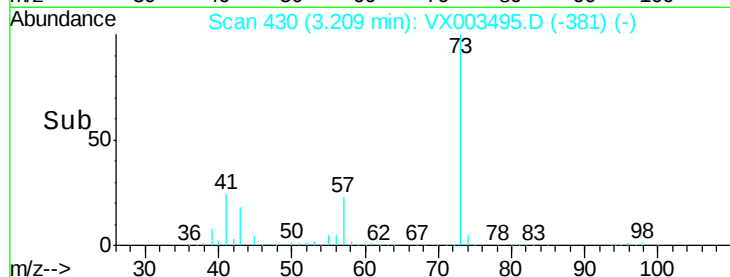
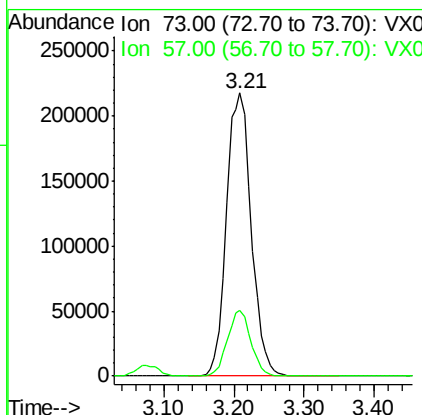
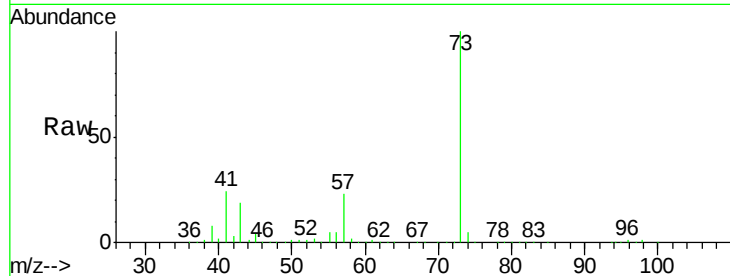
#19
Methyl tert-butyl Ether
Concen: 51.17 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 533982
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5

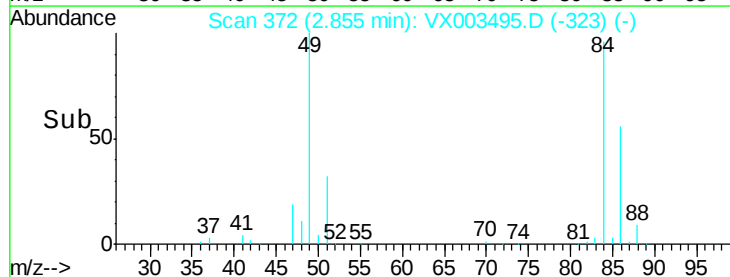
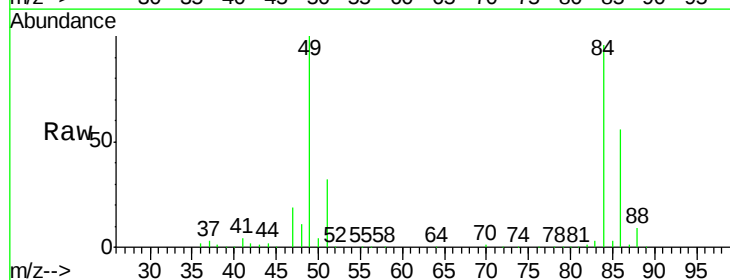
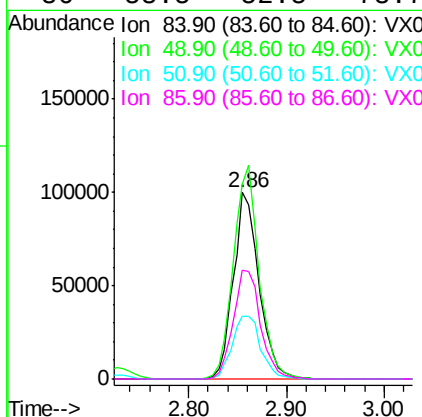
Manual Integrations
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#20
Methylene Chloride
Concen: 53.23 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 84 Resp: 181874
Ion Ratio Lower Upper
84 100
49 104.1 107.8 161.6#
51 33.4 32.8 49.2
86 58.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.81 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 177078

Ion Ratio Lower Upper

96 100

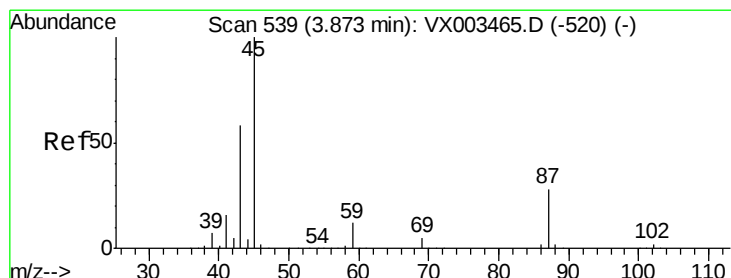
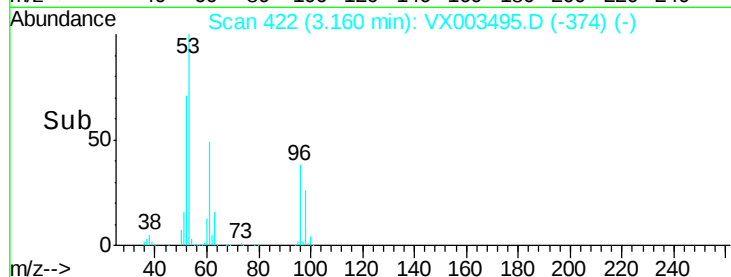
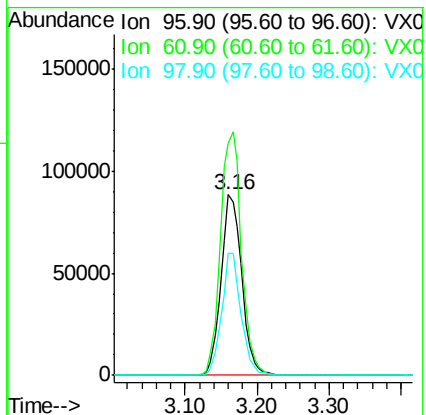
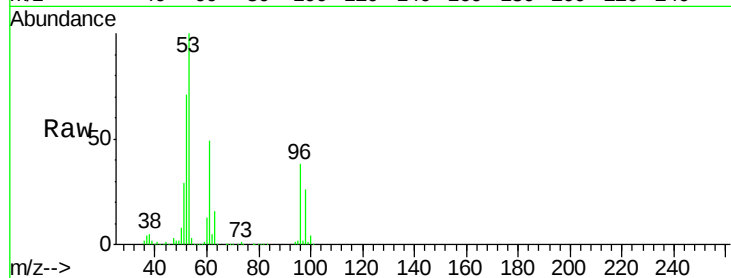
61 128.2 117.0 175.4

98 67.6 52.4 78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.65 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tgt Ion: 45 Resp: 571088

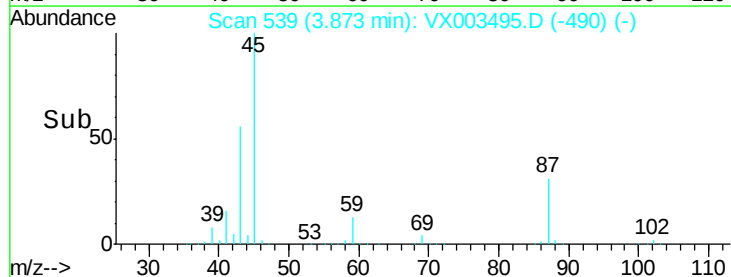
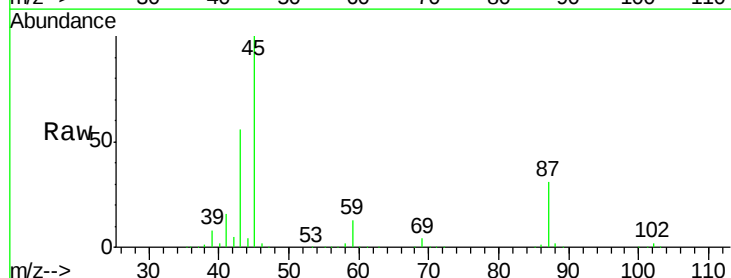
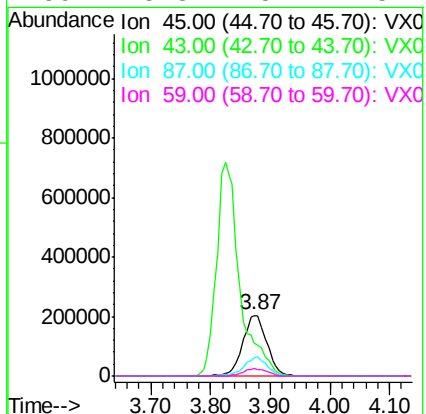
Ion Ratio Lower Upper

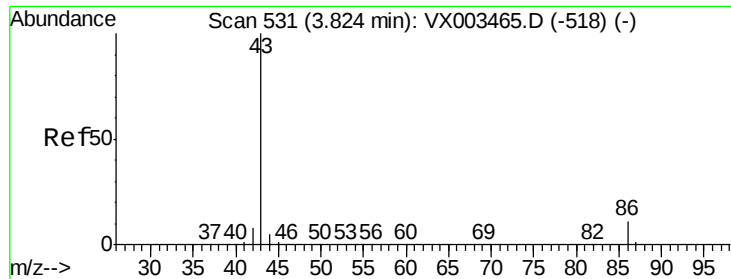
45 100

43 55.8 46.8 70.2

87 30.5 20.2 30.4#

59 13.3 8.7 13.1#





#23

Vinyl Acetate

Concen: 223.14 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1956472

Ion Ratio Lower Upper

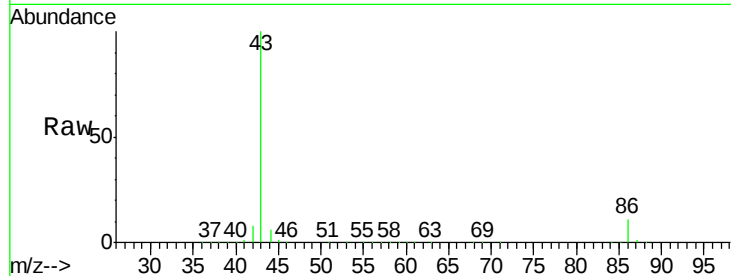
43 100

86 10.8 7.4 11.0

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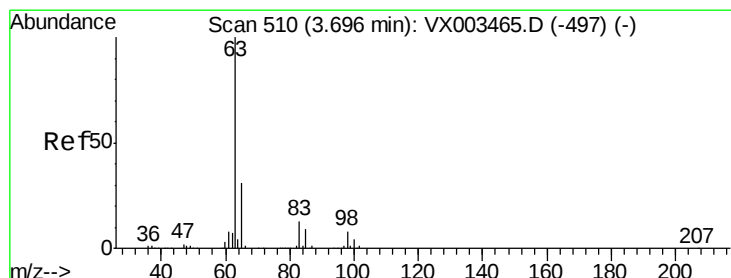
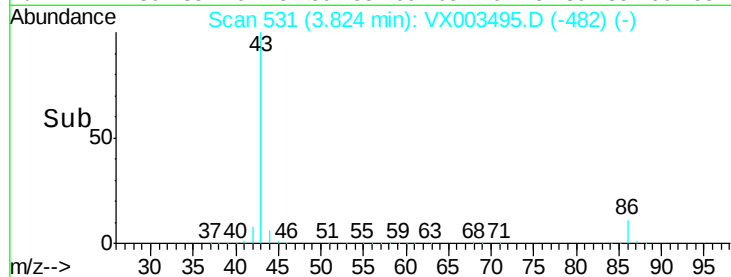
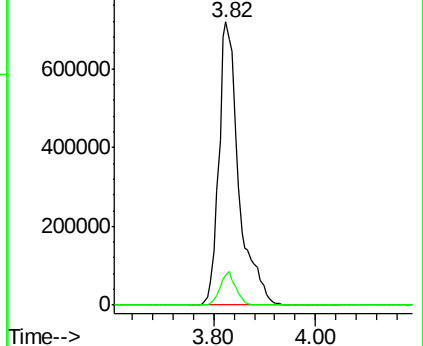
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.41 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

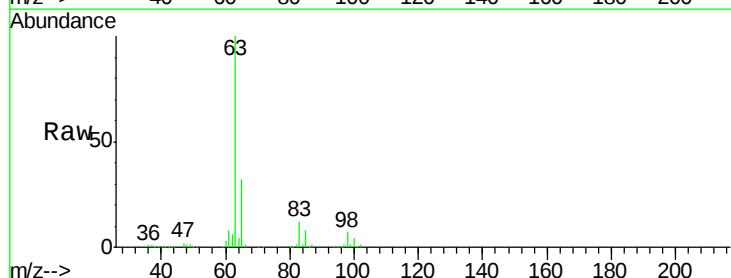
Tgt Ion: 63 Resp: 333542

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

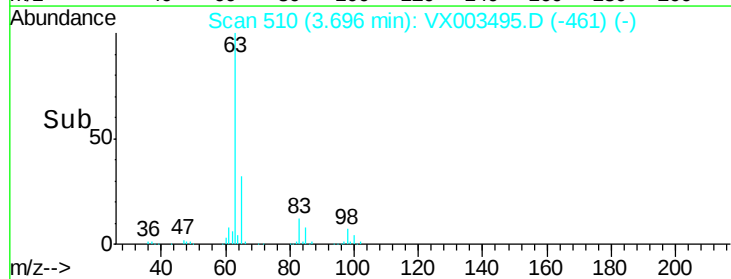
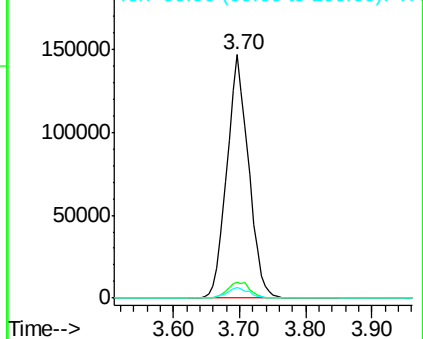
100 4.2 2.0 6.0

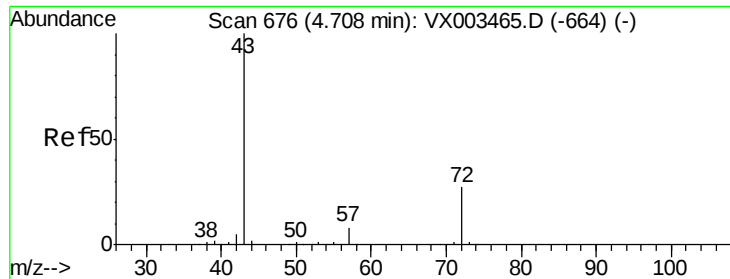


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 282.85 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 663865

Ion Ratio Lower Upper

43 100

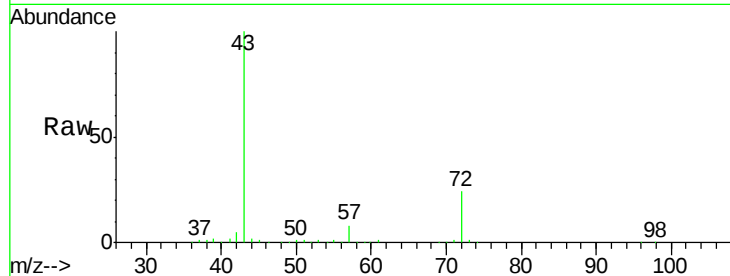
72 24.0 18.5 27.7

Manual Integrations

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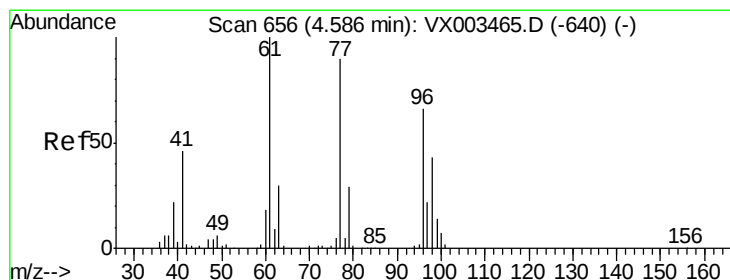
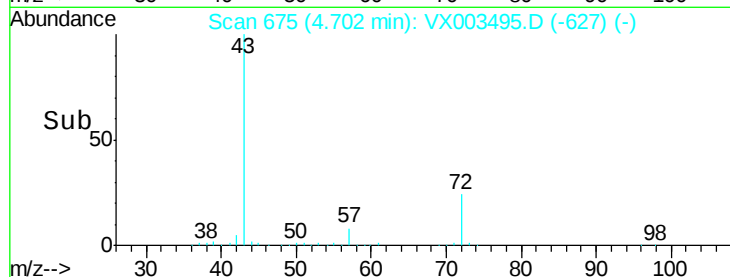
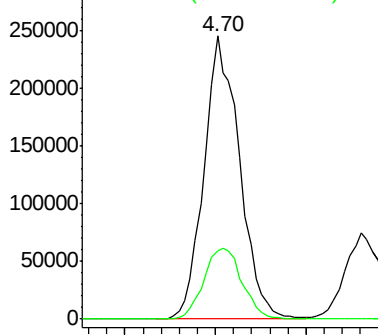
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.76 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX003495.D

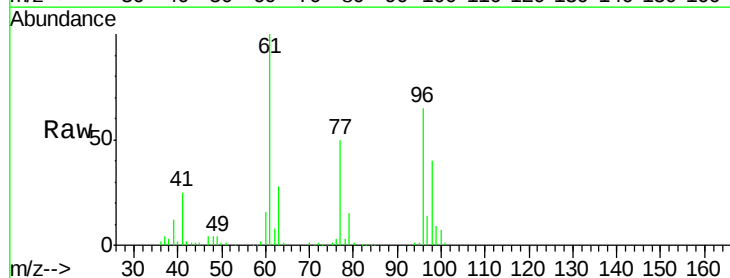
Acq: 20 Jul 2018 05:51

Tgt Ion: 77 Resp: 174379

Ion Ratio Lower Upper

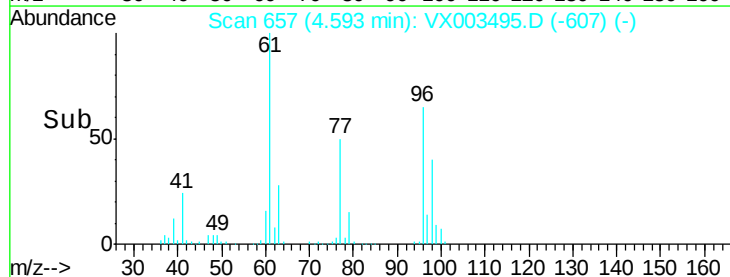
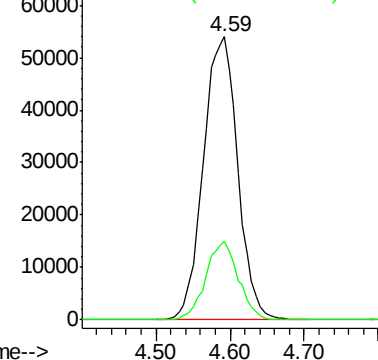
77 100

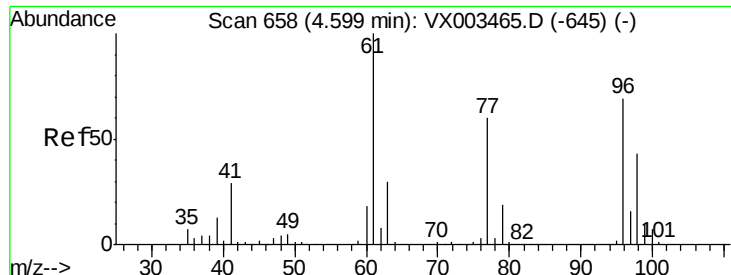
97 26.5 11.2 33.5



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: 52.59 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

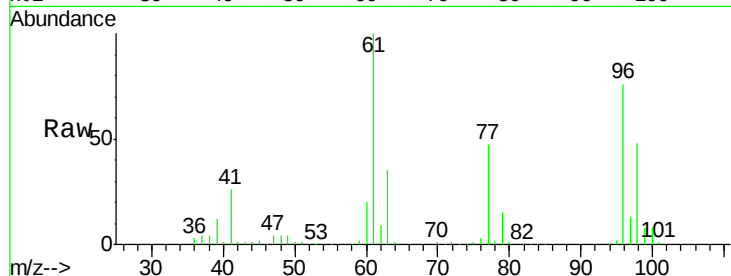
ClientSampleId :

VSTDCCC050EC

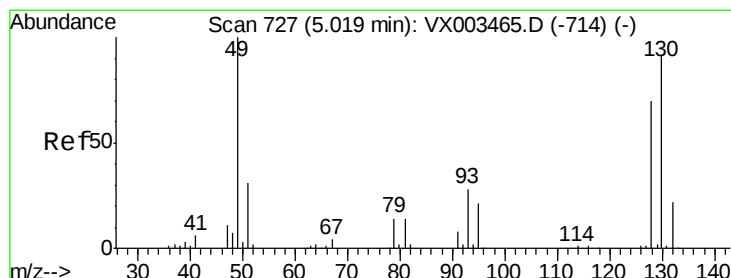
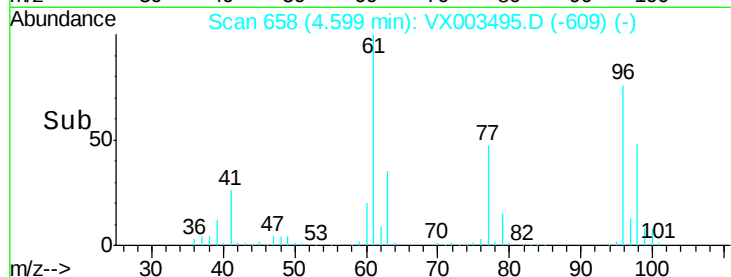
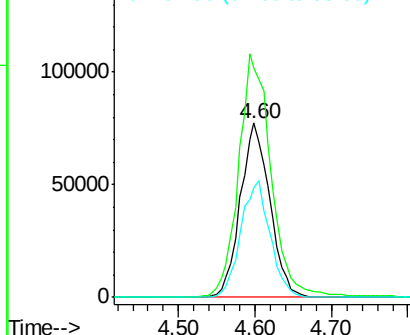
Tot Ion:	96	Resp:	208208
Ion Ratio	Lower	Upper	
96	100		
61	154.2	0.0	330.2
98	66.3	0.0	130.2

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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 55.90 ug/l

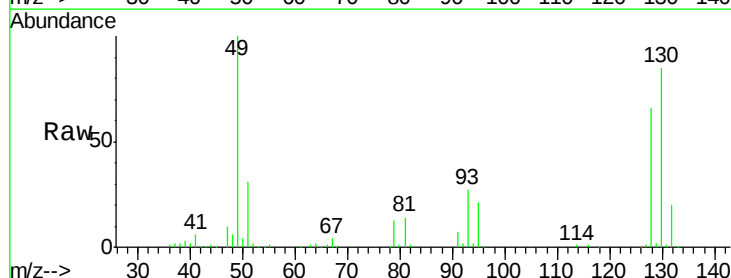
RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

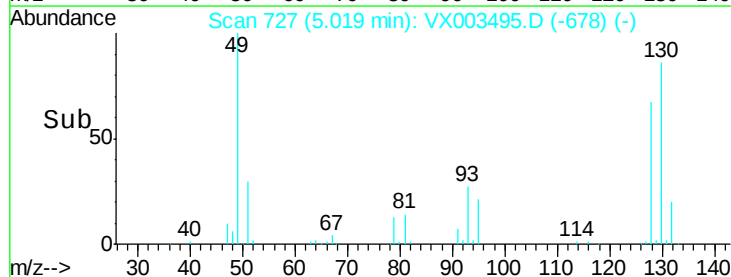
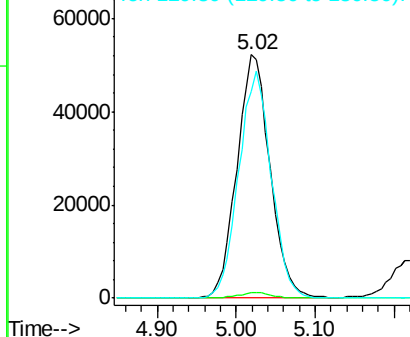
Lab File: VX003495.D

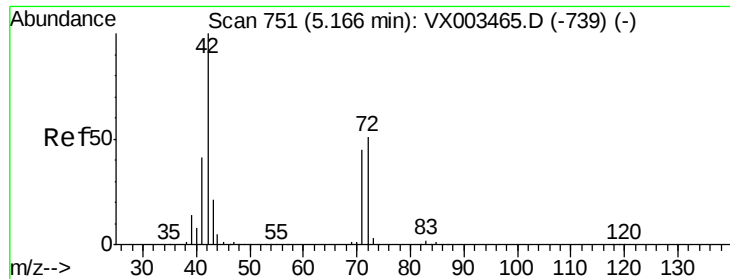
Acq: 20 Jul 2018 05:51

Tgt Ion:	49	Resp:	152596
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.2
130	91.7	61.2	91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





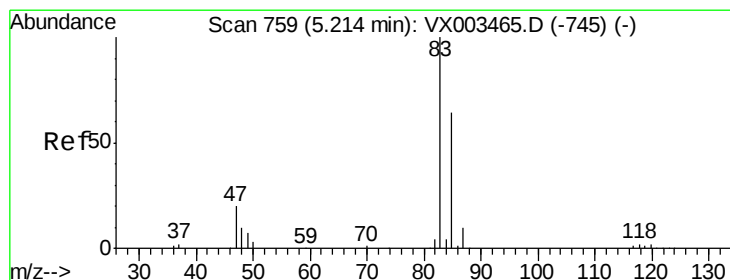
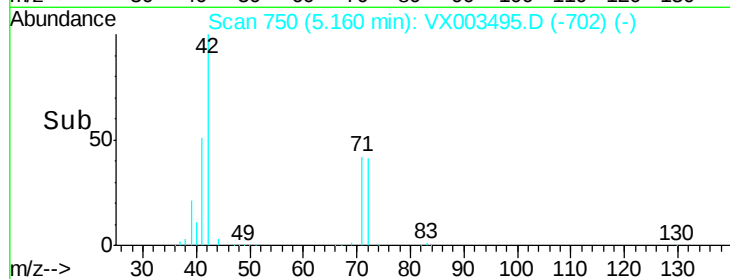
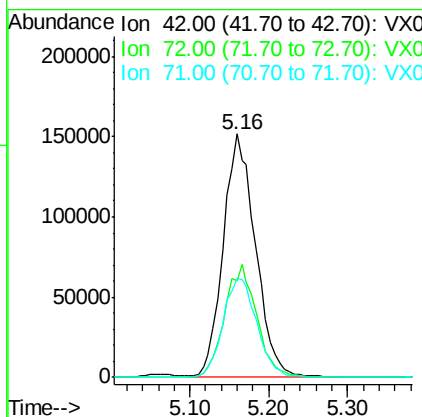
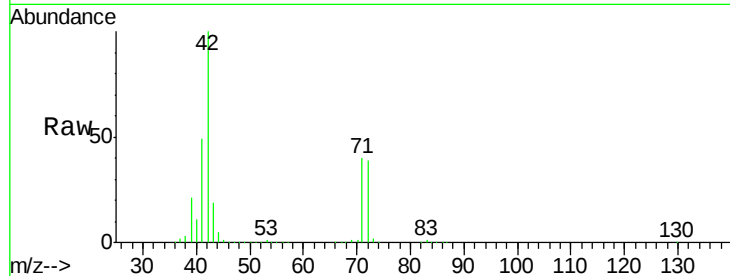
#29
Tetrahydrofuran
Concen: 276.95 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	32.0	48.0
71	43.2	30.1	45.1

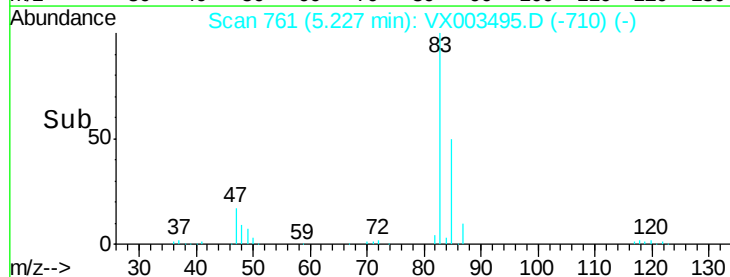
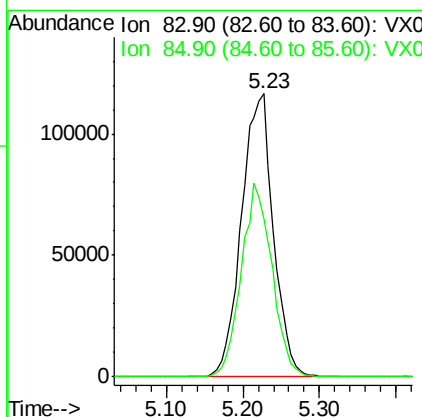
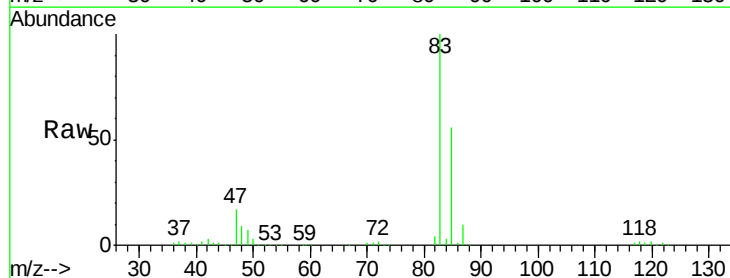
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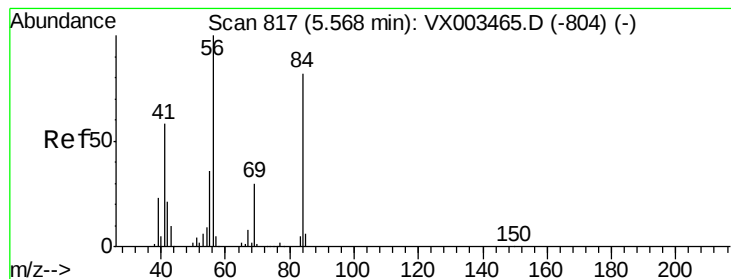
MMDadoda
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#30
Chloroform
Concen: 55.37 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.7	50.4	75.6





#31

Cyclohexane

Concen: 51.08 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

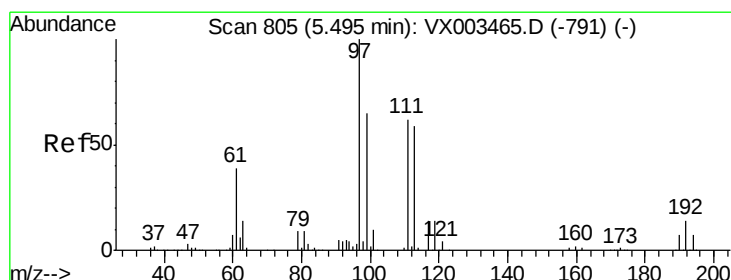
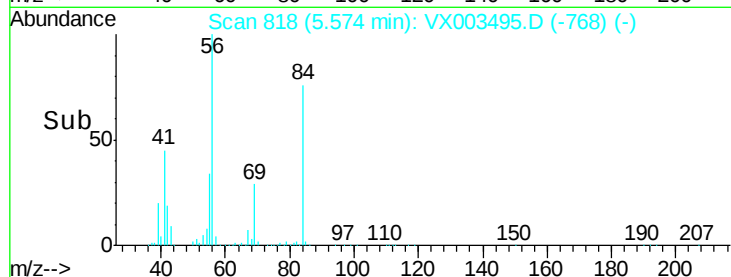
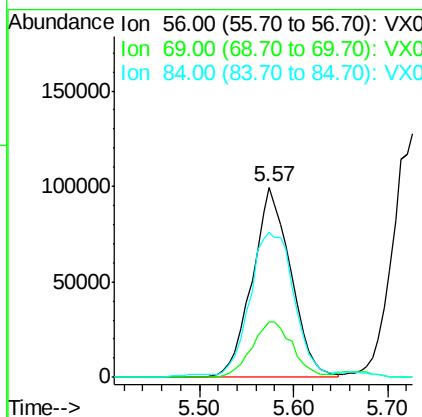
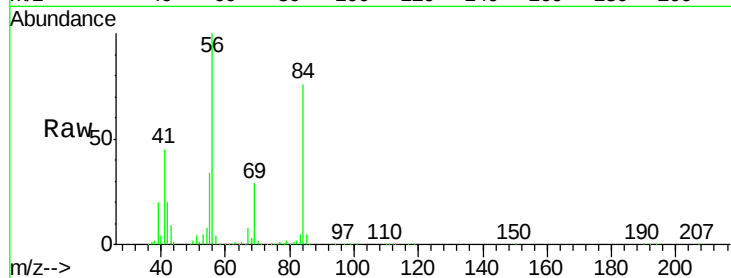
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	285011
Ion Ratio	Lower	Upper	
56	100		
69	28.9	23.7	35.5
84	74.8	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 53.58 ug/l

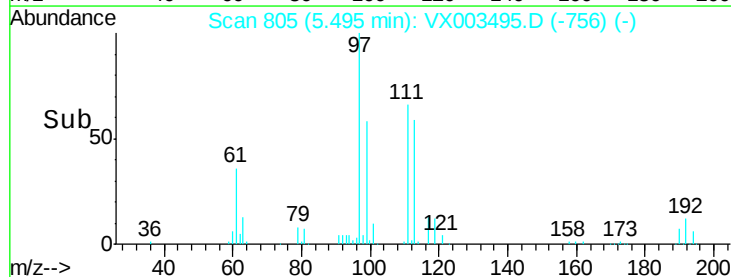
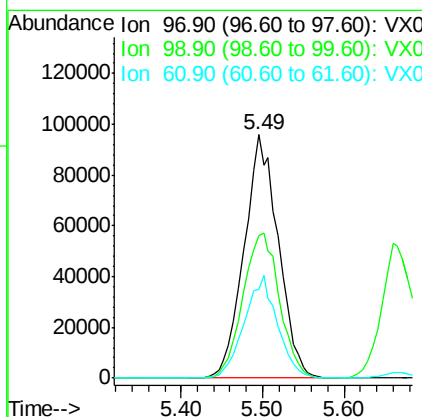
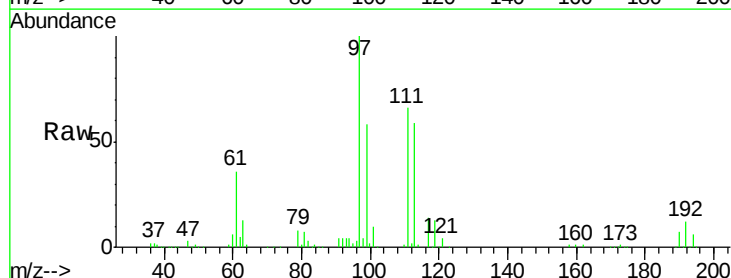
RT: 5.49 min Scan# 805

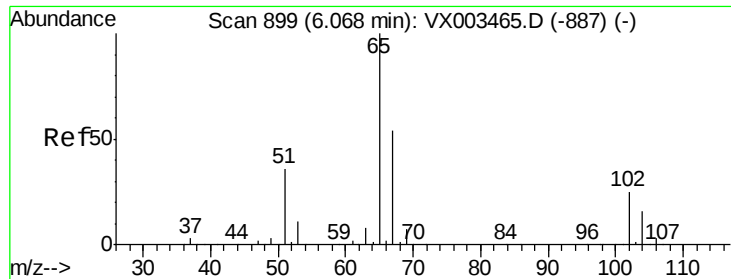
Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tgt Ion:	97	Resp:	279782
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.6	77.4
61	40.9	36.4	54.6





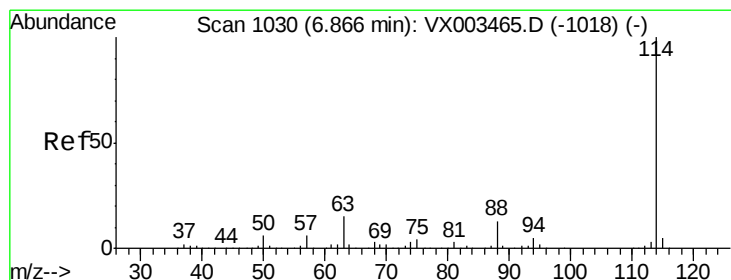
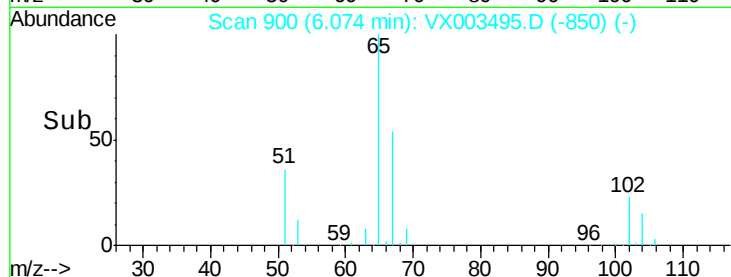
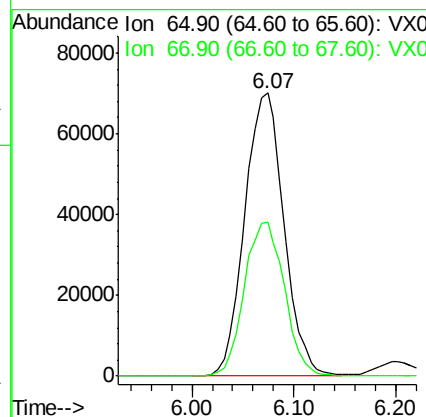
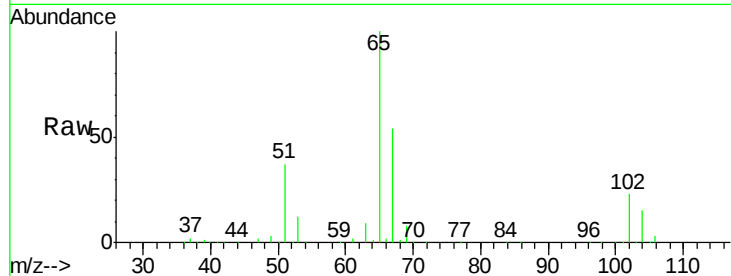
#33
 1,2-Dichloroethane-d4
 Concen: 50.65 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 187587
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 102.6

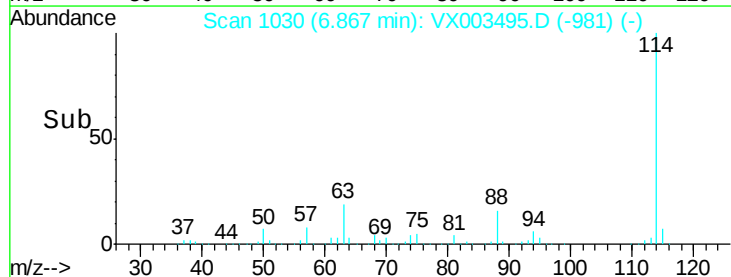
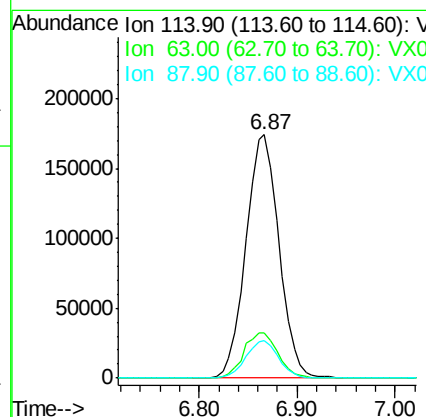
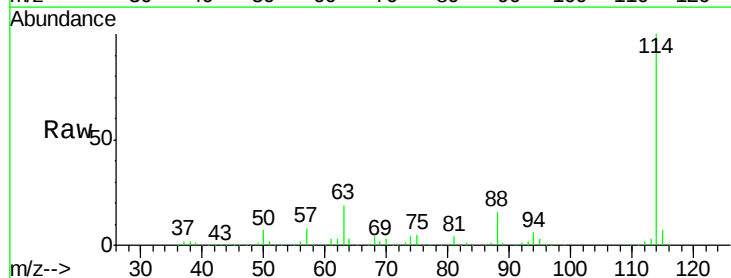
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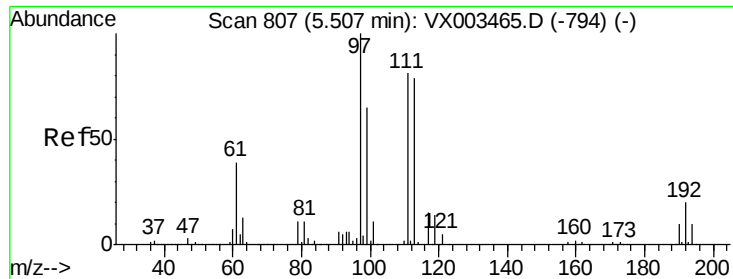
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 114 Resp: 409324
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 41.4
 88 15.6 0.0 30.0





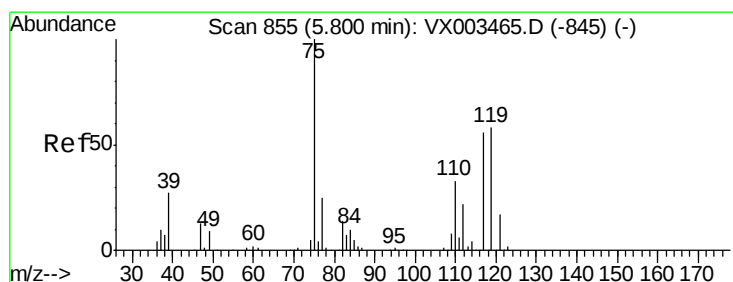
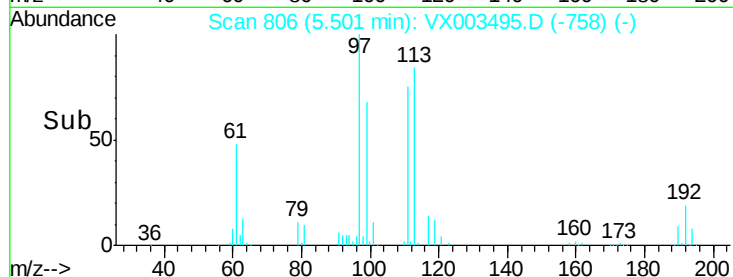
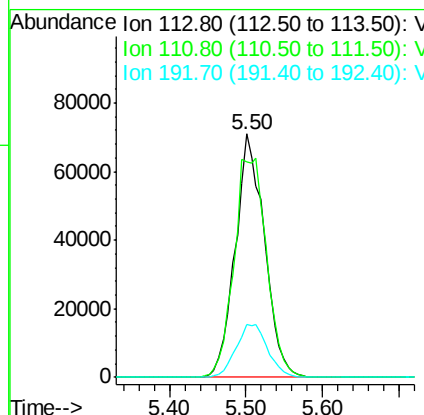
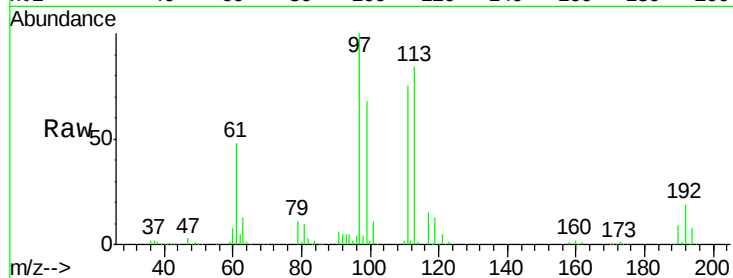
#35
 Dibromofluoromethane
 Concen: 60.13 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	187480		
111	101.0	81.4	122.0	
192	23.7	19.1	28.7	

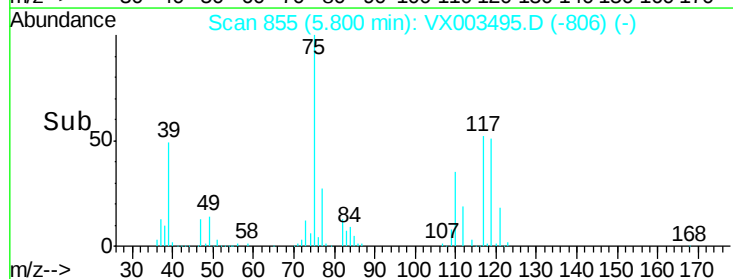
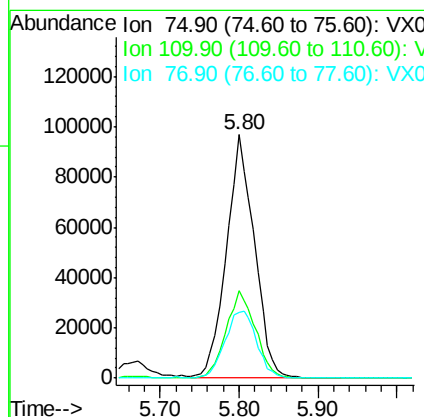
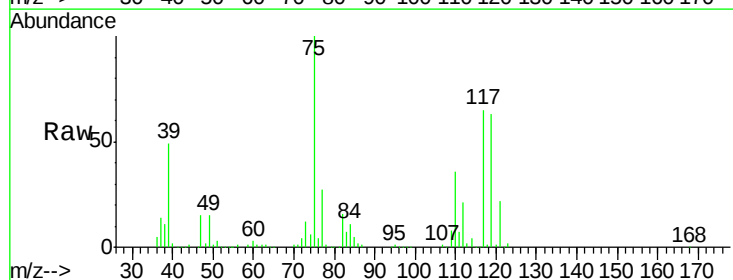
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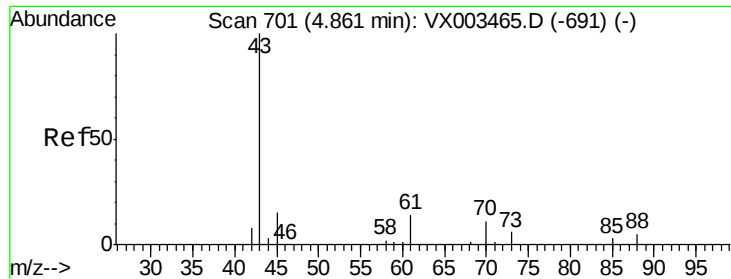
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#36
 1,1-Dichloropropene
 Concen: 53.81 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	237797		
110	37.7	18.1	54.4	
77	31.4	24.3	36.5	





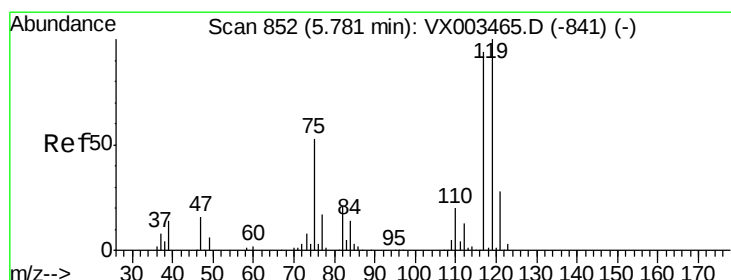
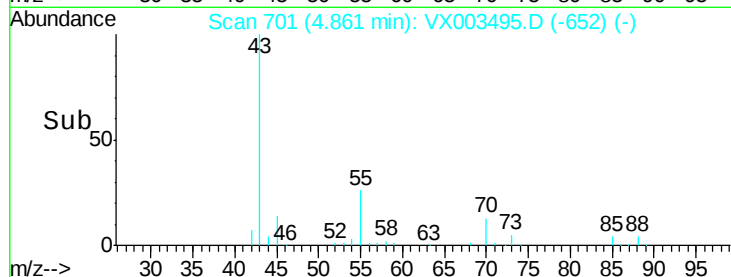
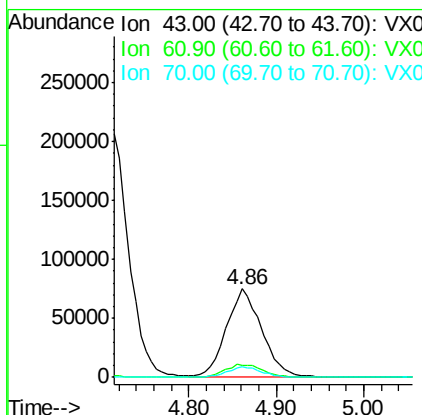
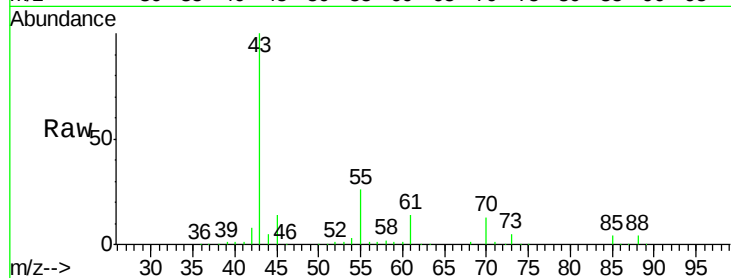
#37
Ethyl Acetate
Concen: 49.96 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	10.4	15.6#
70	11.8	7.6	11.4#

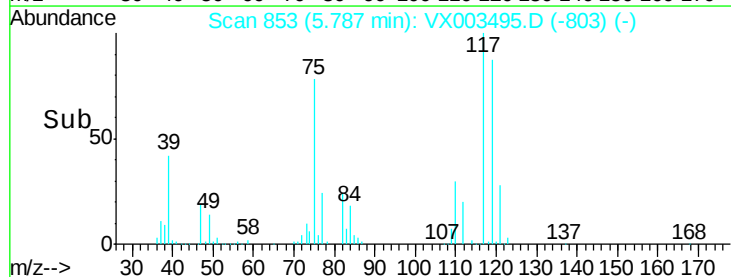
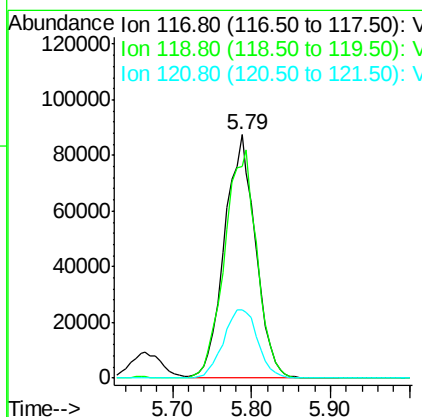
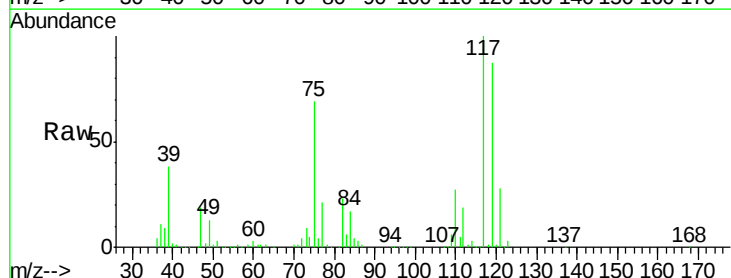
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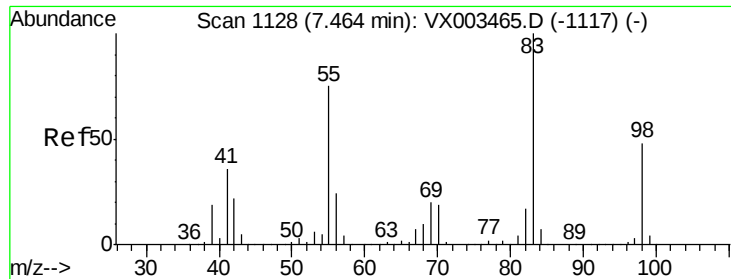
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#38
Carbon Tetrachloride
Concen: 55.33 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.1	77.4	116.0
121	27.9	24.4	36.6





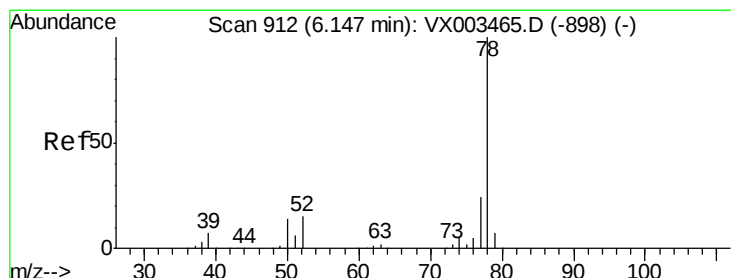
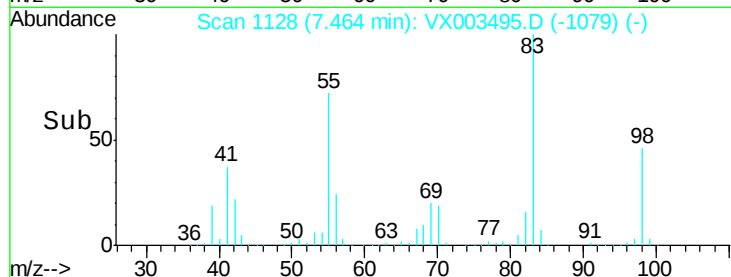
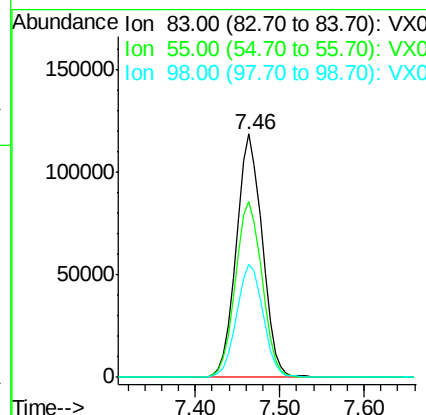
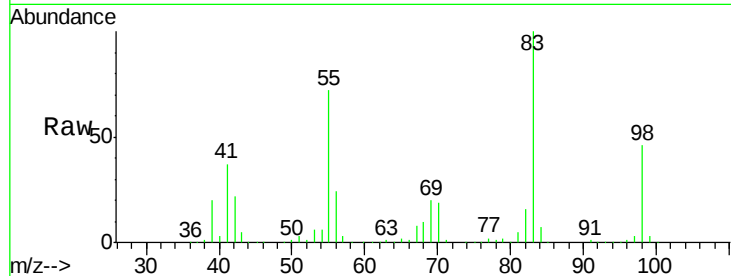
#39
Methvlcvclohexane
Concen: 47.27 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	65.4	98.0
98	46.3	37.4	56.0

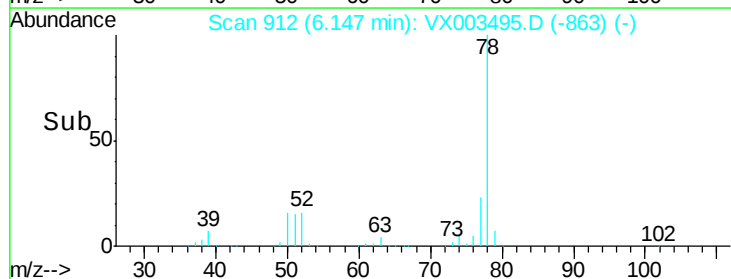
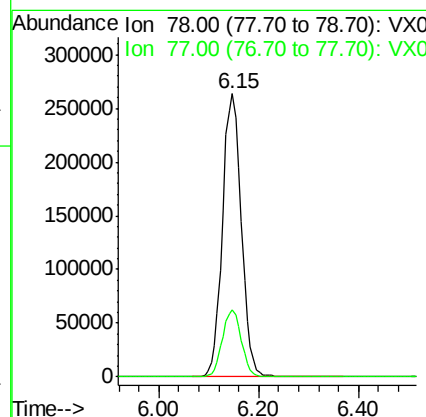
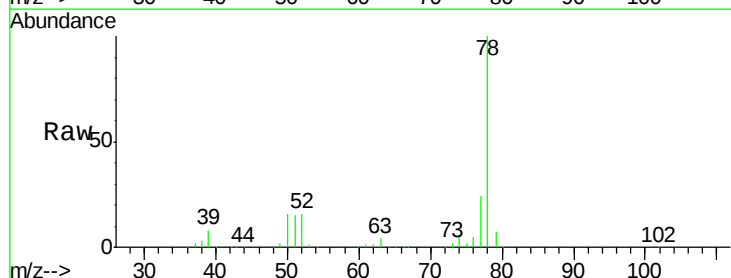
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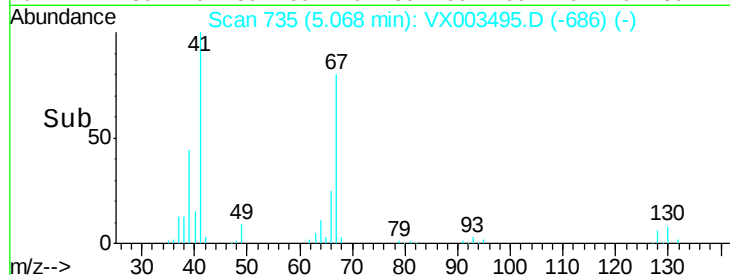
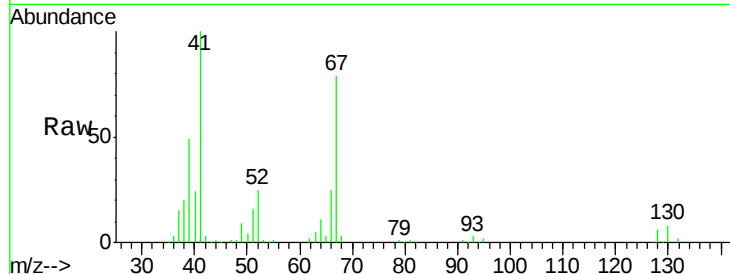
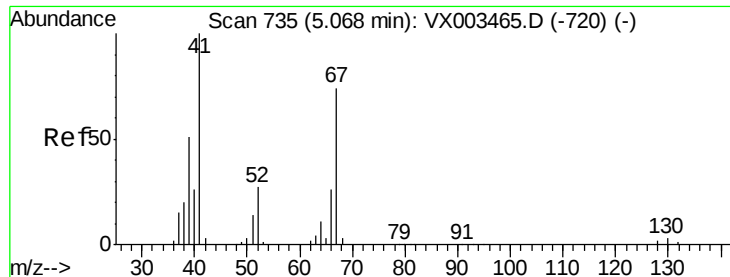
MMDadoda
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#40
Benzene
Concen: 51.95 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41

Methacrylonitrile

Concen: 58.84 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.4	45.8	68.6	
67	74.8	51.3	76.9	
52	28.4	23.0	34.6	

Instrument :

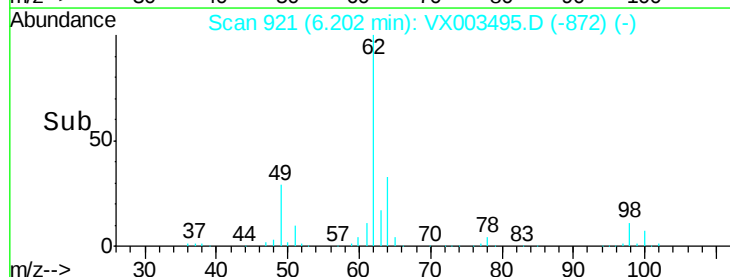
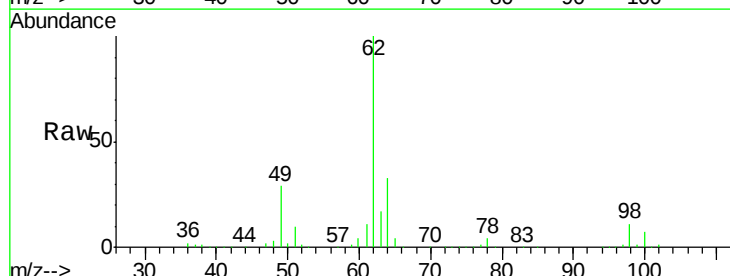
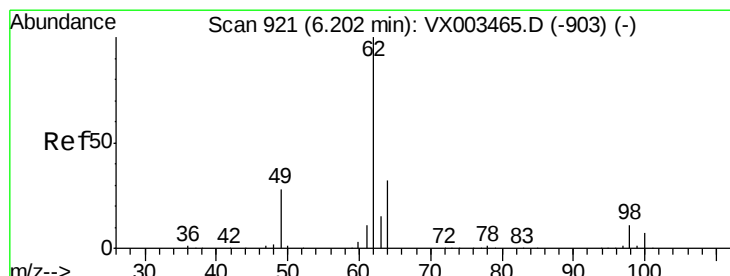
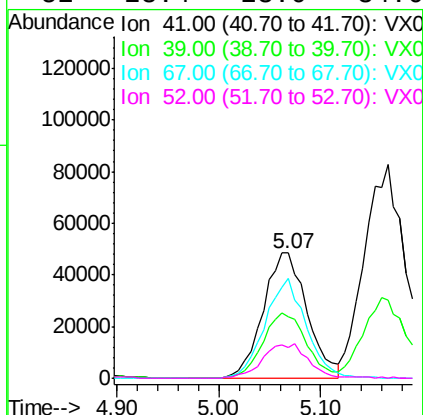
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.79 ug/l

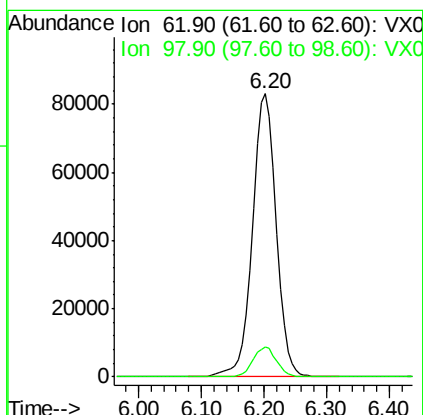
RT: 6.20 min Scan# 921

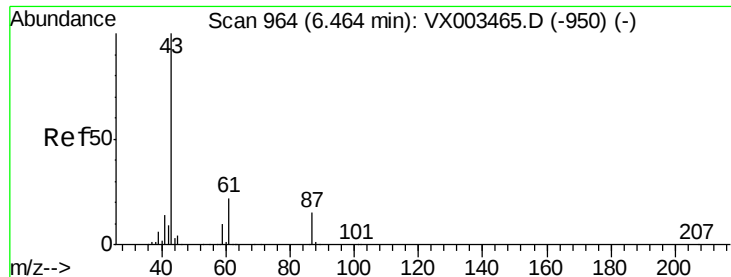
Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	16.6	





#43

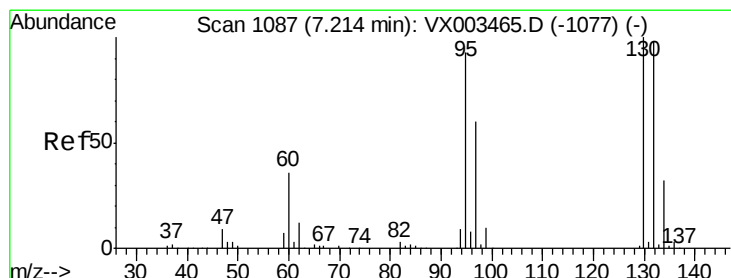
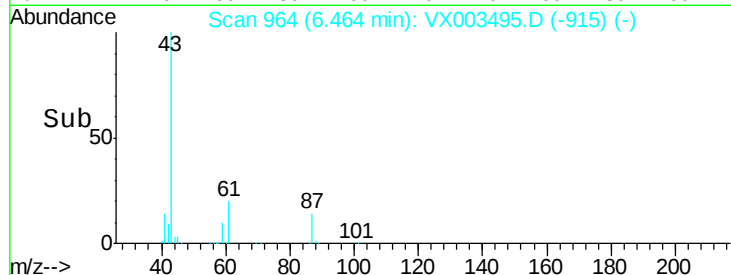
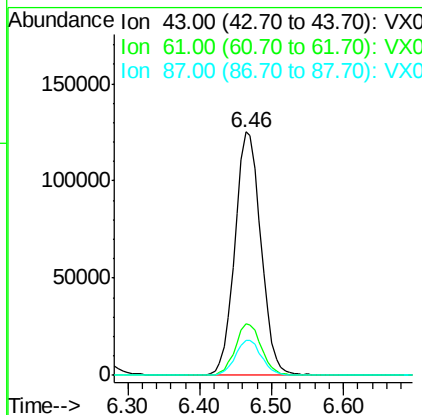
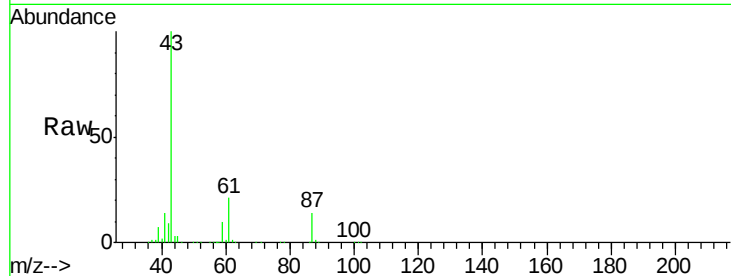
Isopropyl Acetate
 Concen: 47.18 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	14.4	21.6
87	14.5	9.5	14.3

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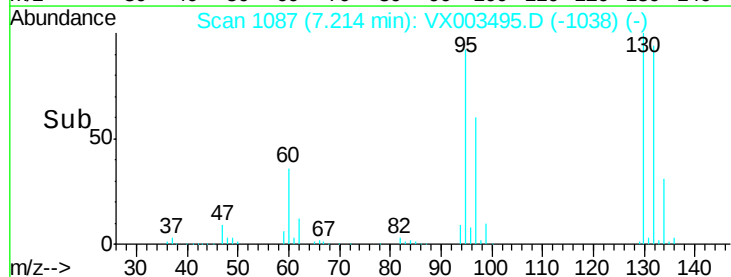
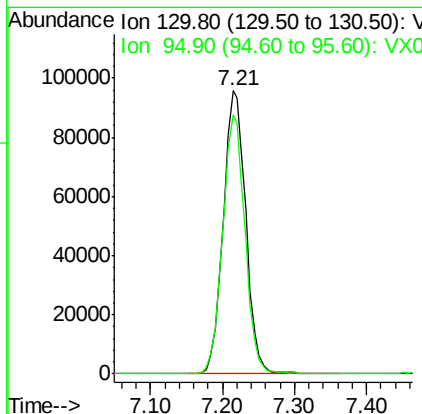
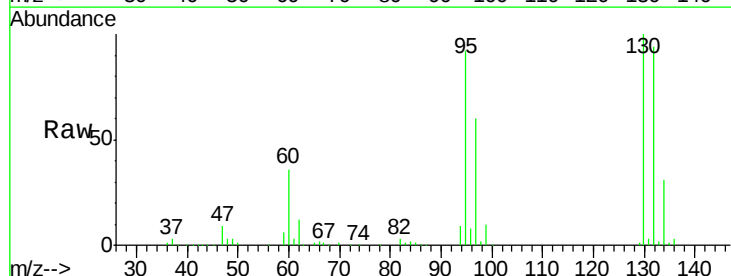
MMDadoda
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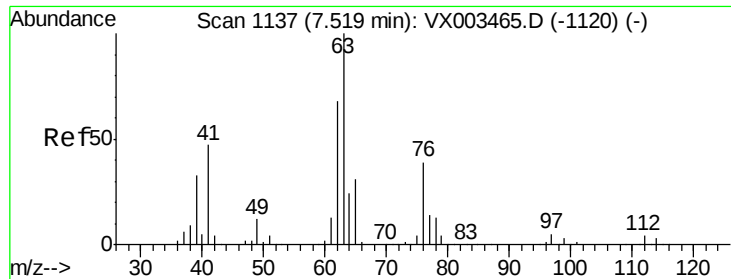


#44

Trichloroethene
 Concen: 52.46 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	185.4





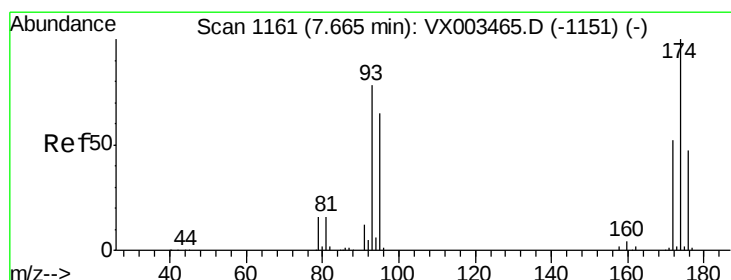
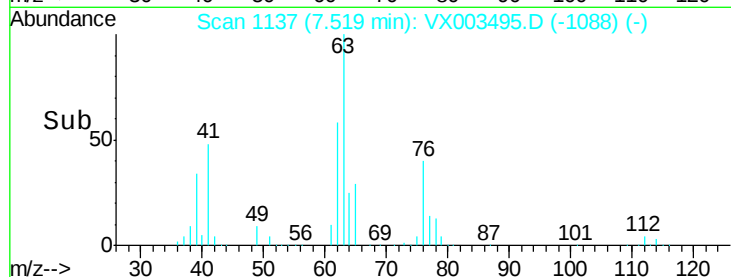
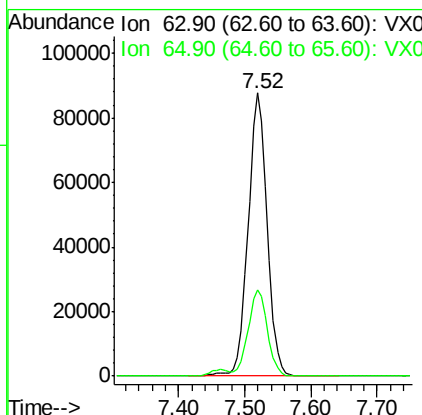
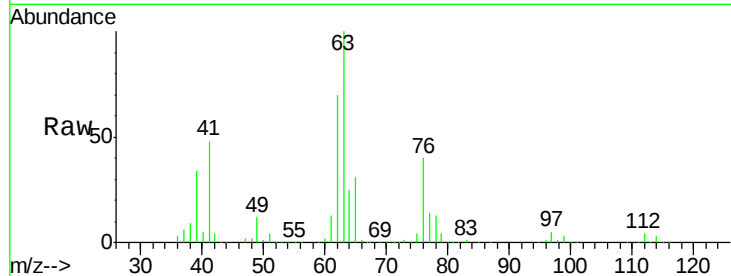
#45
 1,2-Dichloropropane
 Concen: 52.14 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 176670
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

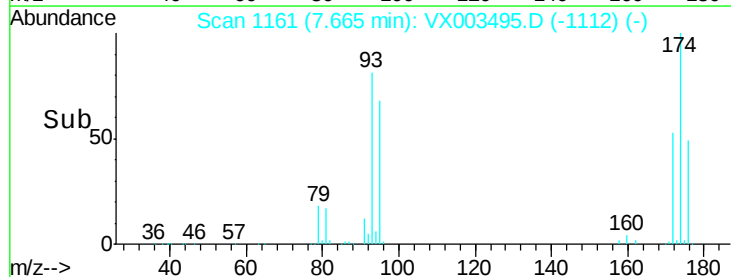
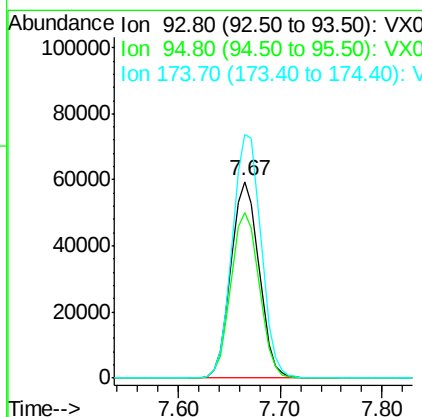
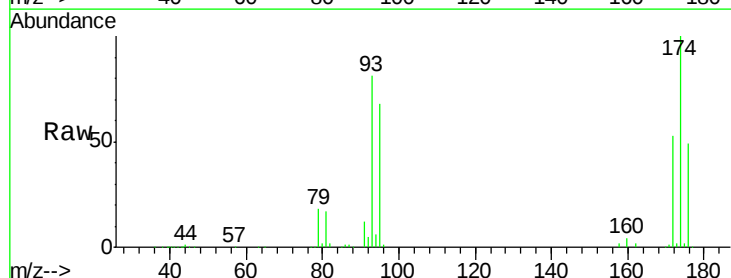
Manual Integrations
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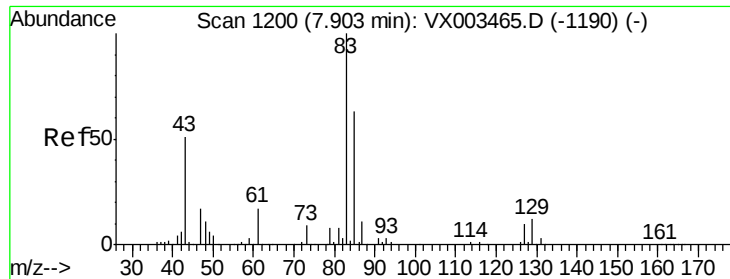
MMDadoda
 7/20/2018 5:22:05 PM



#46
 Dibromomethane
 Concen: 52.09 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 93 Resp: 113617
 Ion Ratio Lower Upper
 93 100
 95 85.2 65.9 98.9
 174 126.7 92.4 138.6





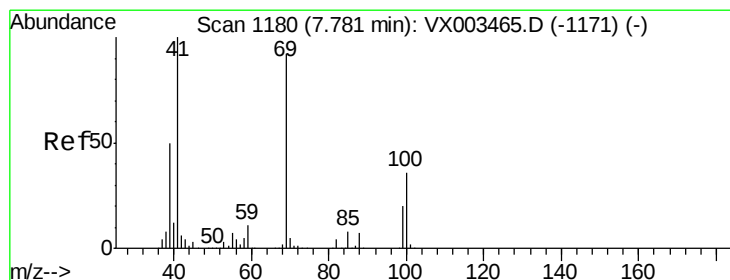
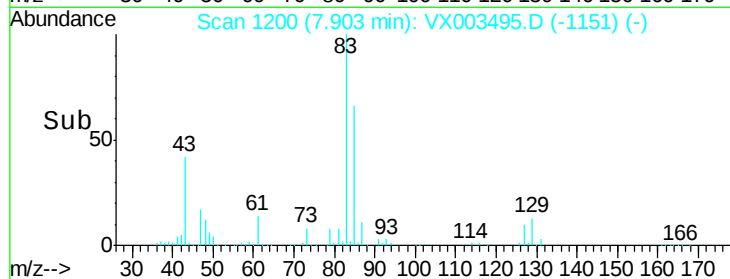
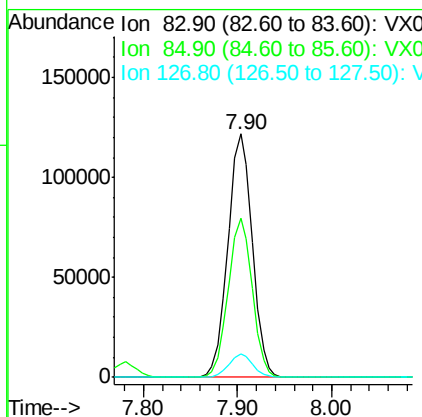
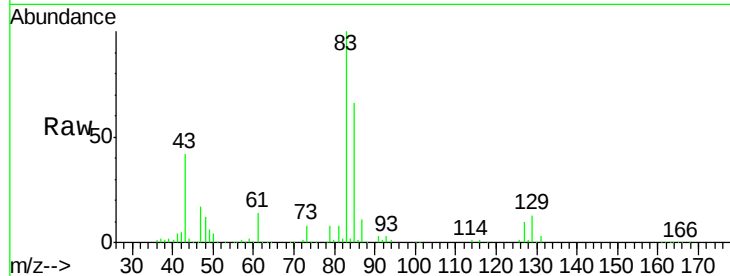
#47
 Bromodichloromethane
 Concen: 54.68 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	218348		
85	65.6	50.3	75.5	
127	9.5	7.0	10.4	

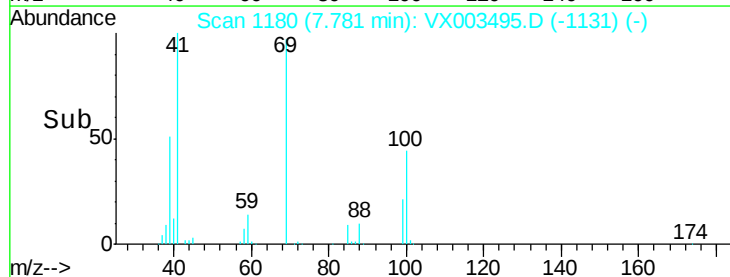
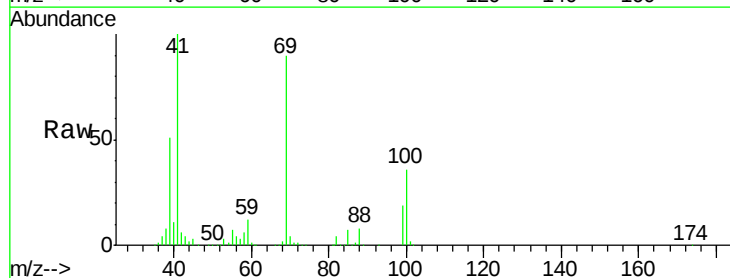
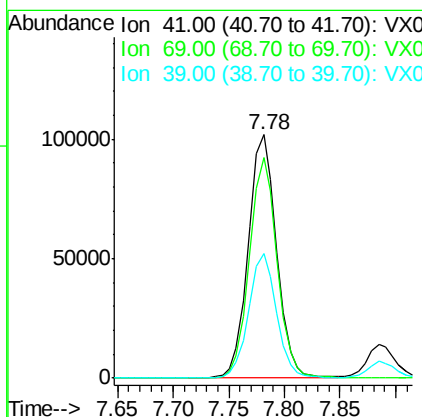
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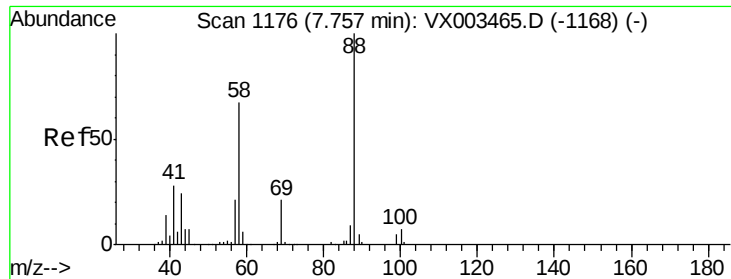
MMDadoda
 7/20/2018 5:22:05 PM



#48
 Methyl methacrylate
 Concen: 53.63 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	179905		
69	89.6	59.1	88.7#	
39	50.2	48.9	73.3	





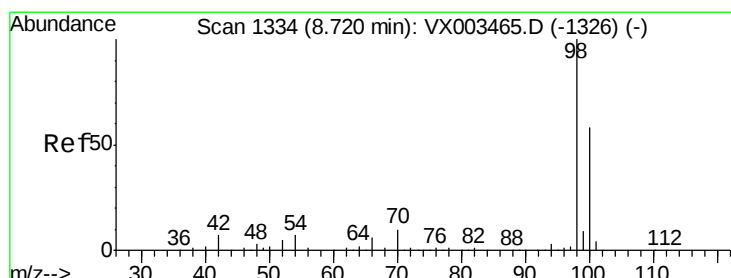
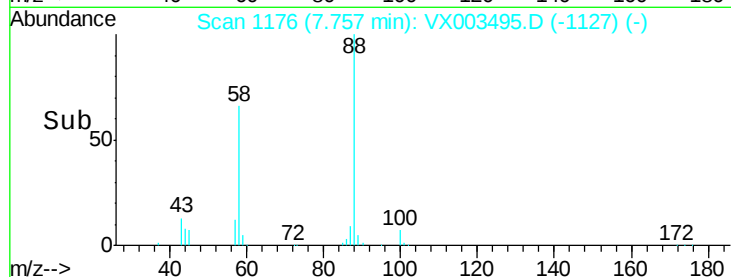
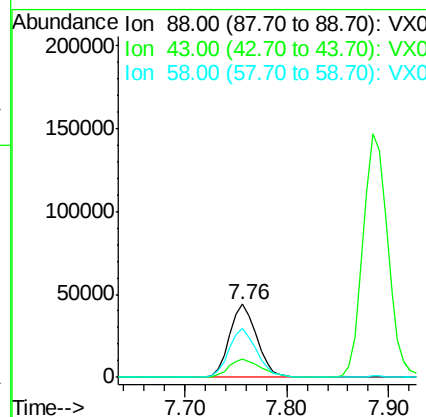
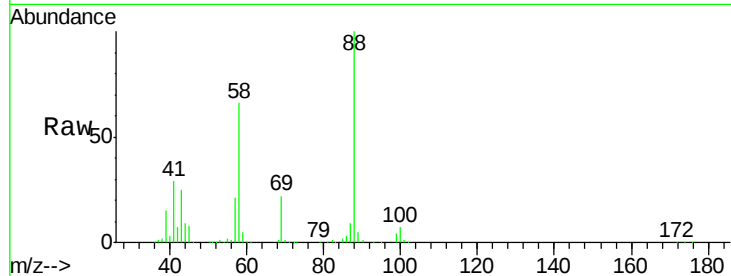
#49
1,4-Dioxane
Concen: 1070.32 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	29.8	44.6#
58	69.8	57.1	85.7

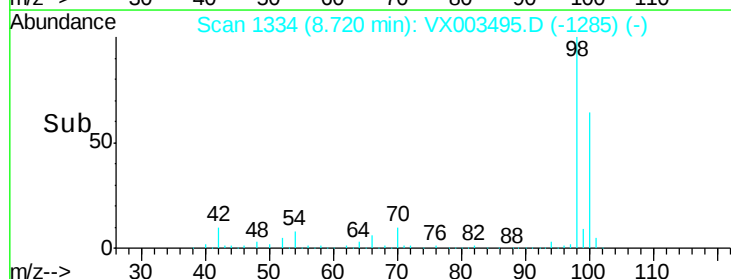
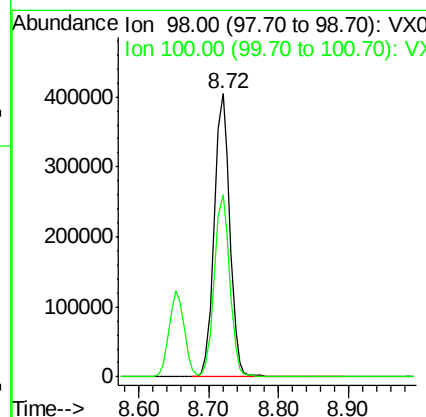
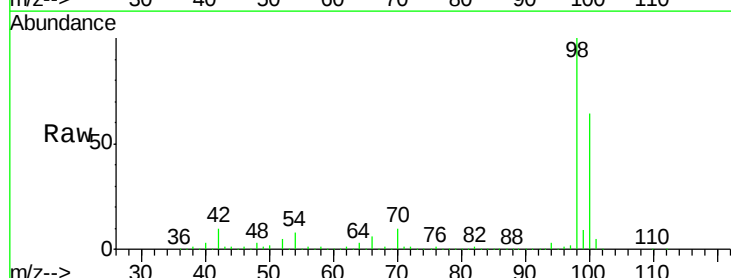
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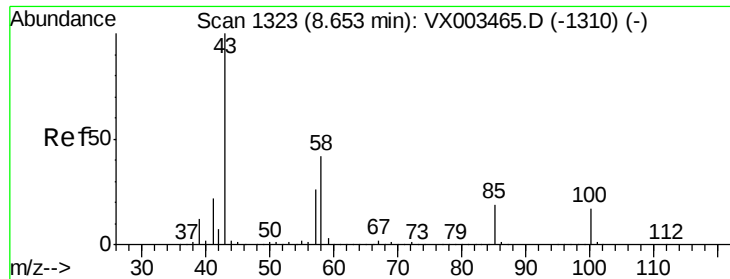
MMDadoda
7/20/2018 5:22:05 PM



#50
Toluene-d8
Concen: 53.47 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 280.44 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1178564

Ion Ratio Lower Upper

43 100

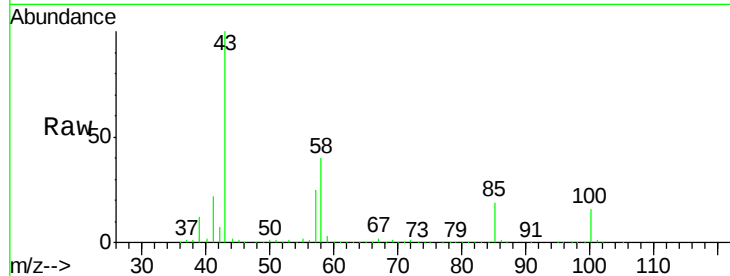
58 39.9 28.6 42.8

Manual Integrations

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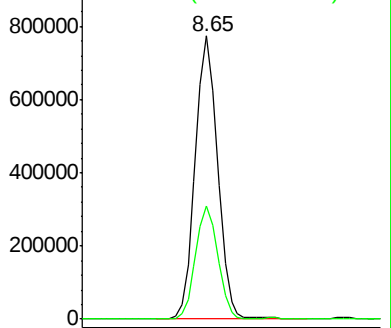
MMDadoda

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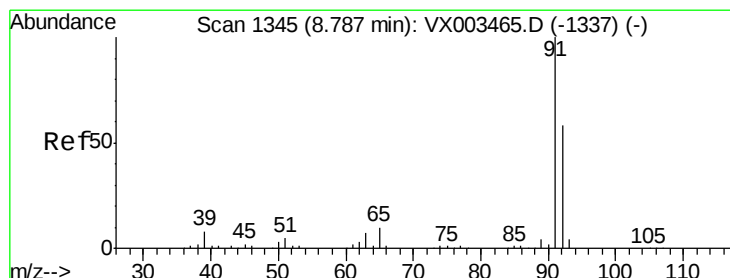
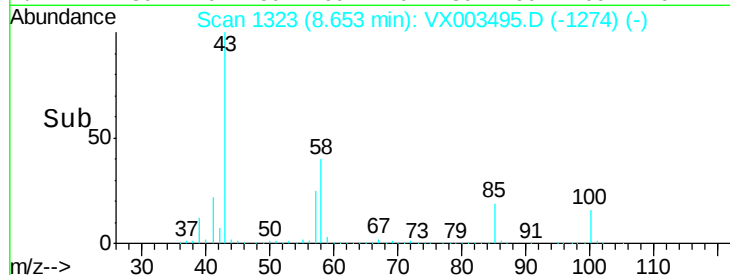


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 52.40 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003495.D

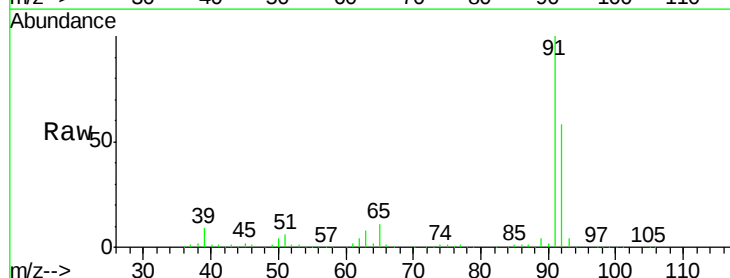
Acq: 20 Jul 2018 05:51

Tgt Ion: 92 Resp: 440101

Ion Ratio Lower Upper

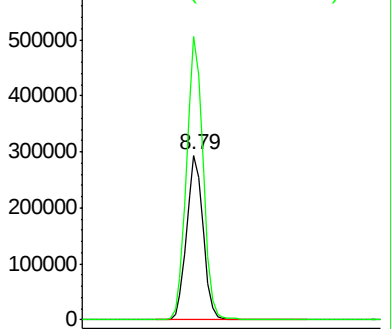
92 100

91 172.8 140.4 210.6

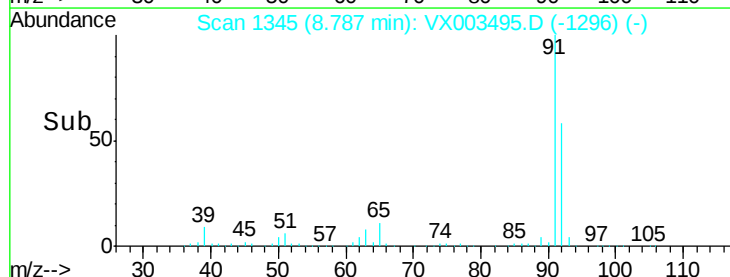


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





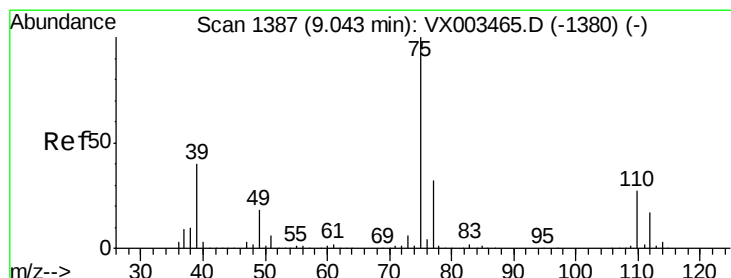
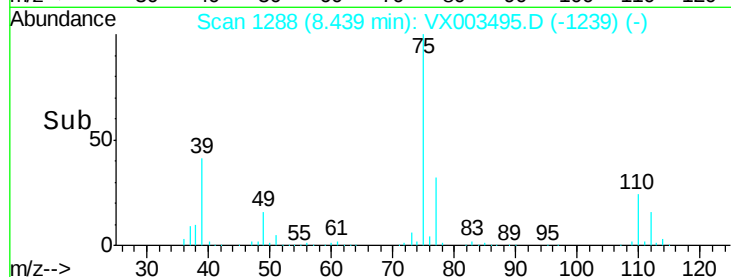
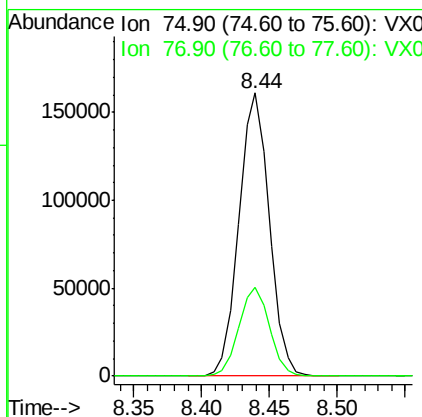
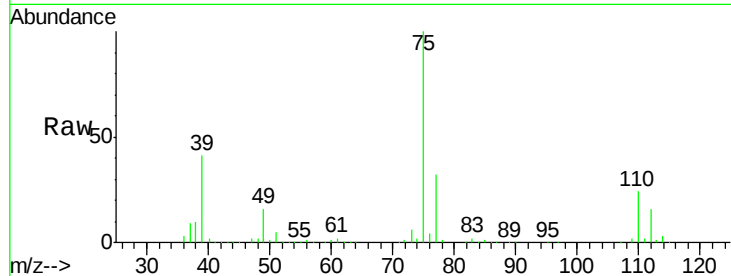
#53
t-1,3-Dichloropropene
Concen: 51.16 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 251450
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

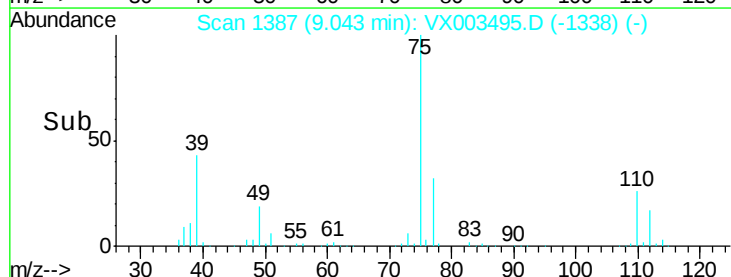
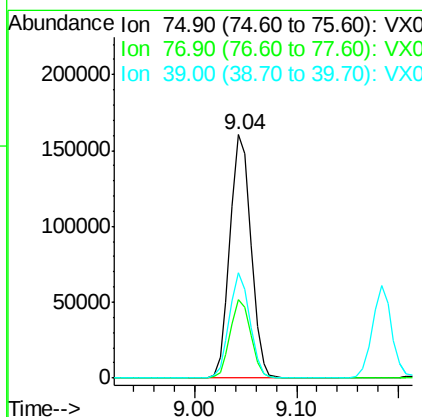
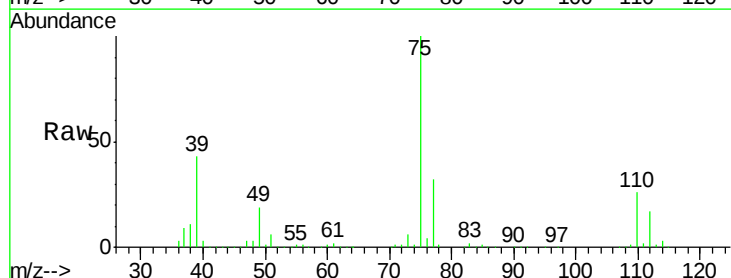
Manual Integrations
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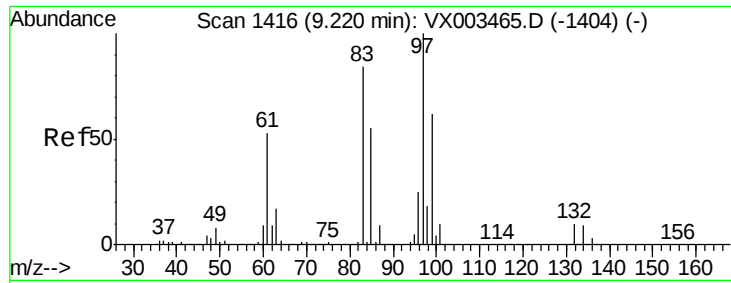
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#54
cis-1,3-Dichloropropene
Concen: 51.74 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 75 Resp: 228681
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 43.0 42.4 63.6





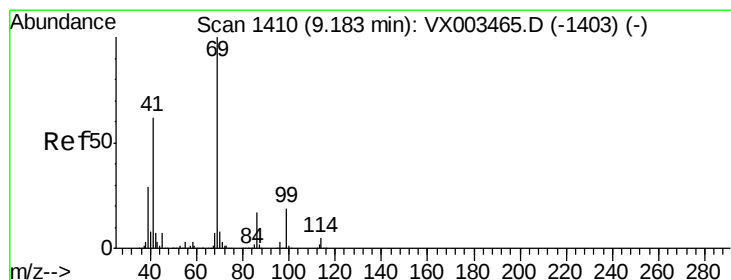
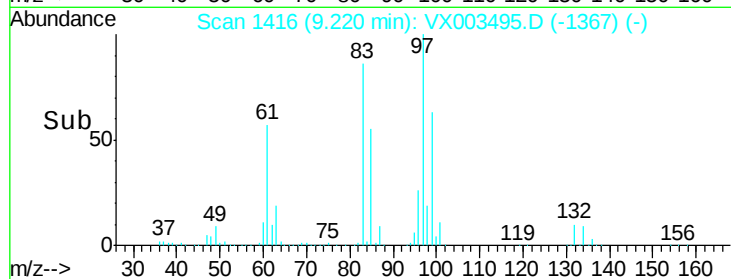
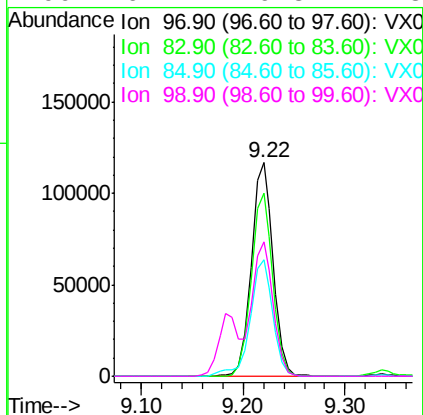
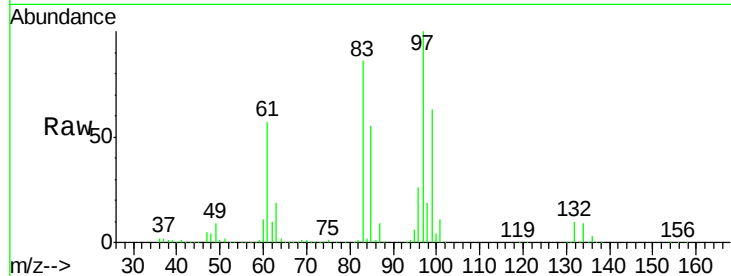
#55
 1,1,2-Trichloroethane
 Concen: 52.09 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	174073
Ion Ratio	Lower	Upper	
97	100		
83	85.5	70.2	105.2
85	54.7	44.9	67.3
99	62.7	49.8	74.8

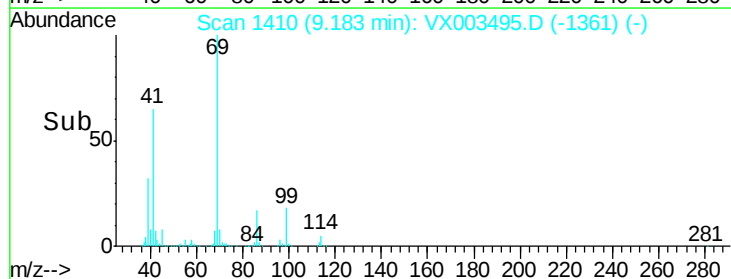
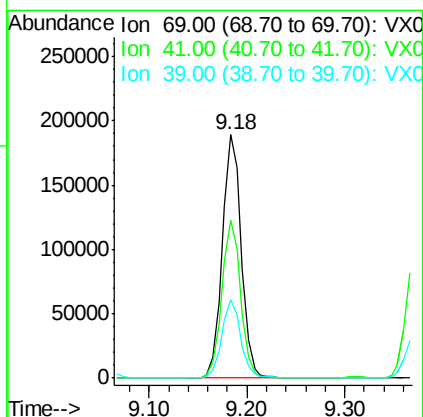
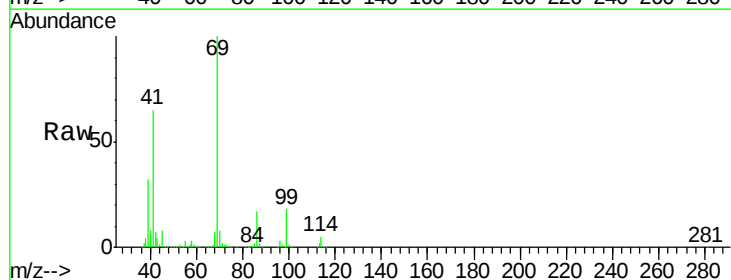
Manual Integrations
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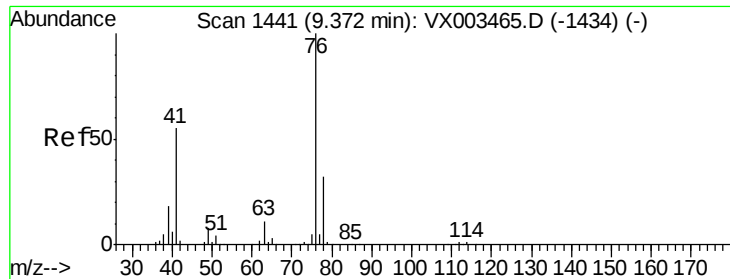
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#56
 Ethyl methacrylate
 Concen: 53.90 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion:	69	Resp:	253740
Ion Ratio	Lower	Upper	
69	100		
41	64.4	60.3	90.5
39	32.2	35.8	53.8#





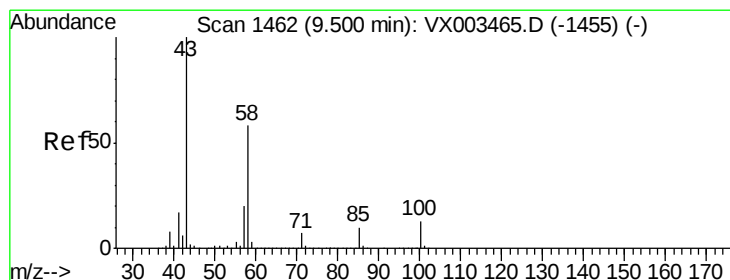
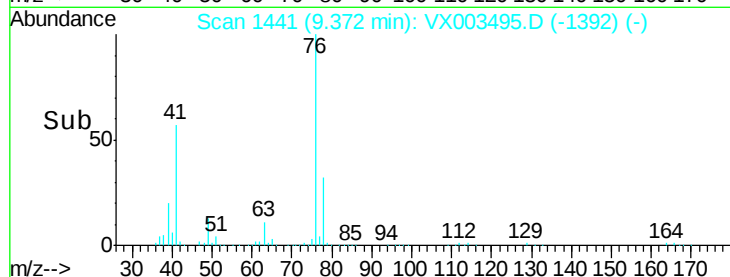
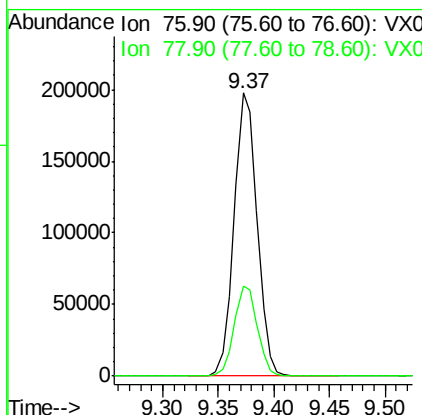
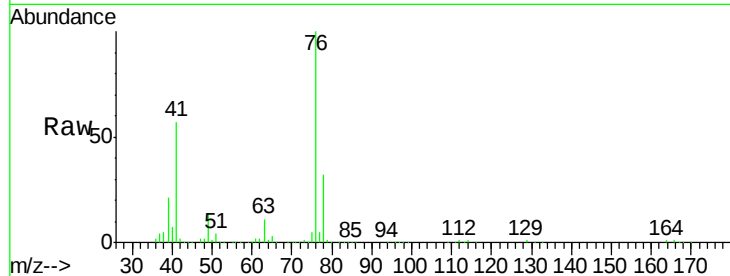
#57
 1,3-Dichloropropane
 Concen: 52.43 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 283239
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6

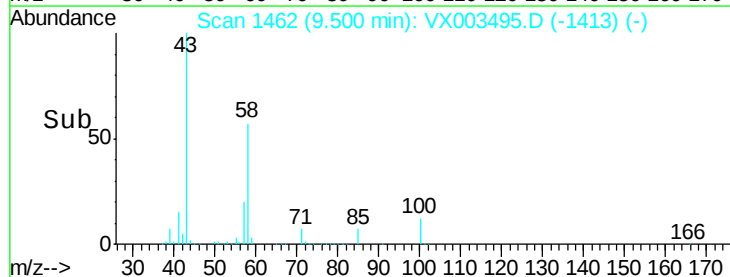
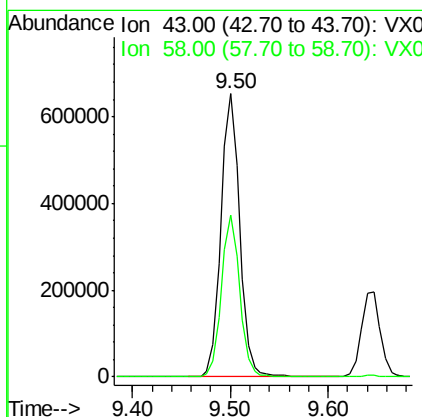
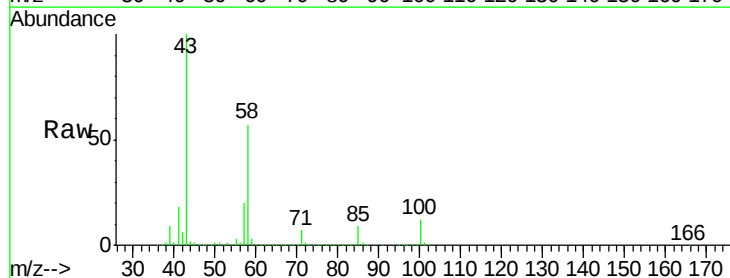
Manual Integrations
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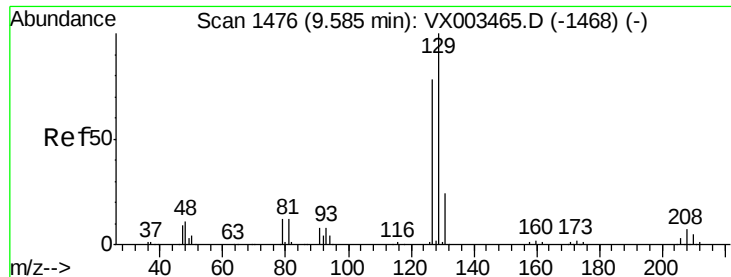
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#59
 2-Hexanone
 Concen: 279.17 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 43 Resp: 869290
 Ion Ratio Lower Upper
 43 100
 58 56.1 24.6 73.6





#60

Dibromochloromethane

Concen: 53.53 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:129 Resp: 177070

Ion Ratio Lower Upper

129 100

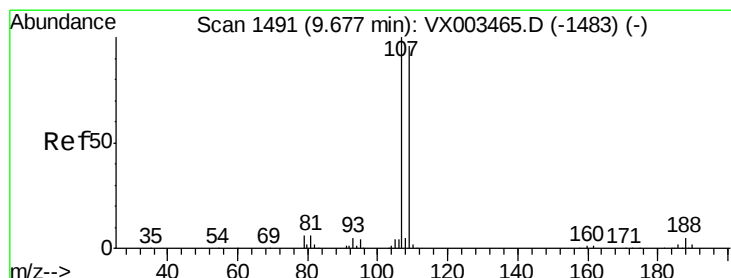
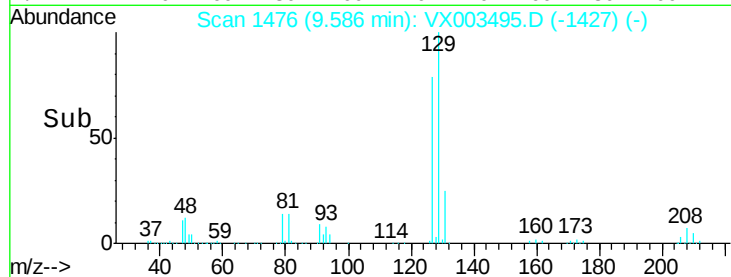
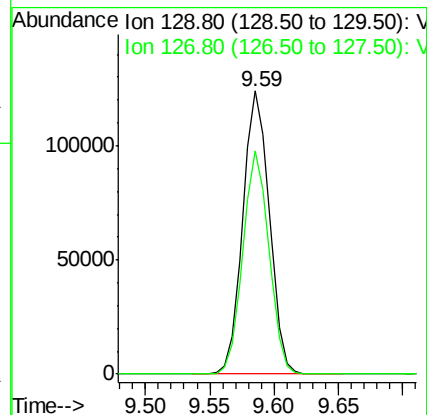
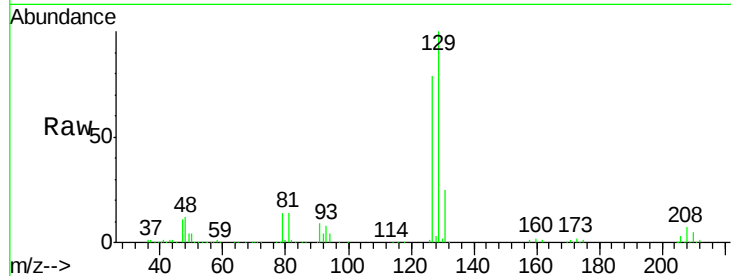
127 77.5 38.5 115.3

Manual Integrations

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#61

1,2-Dibromoethane

Concen: 51.87 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003495.D

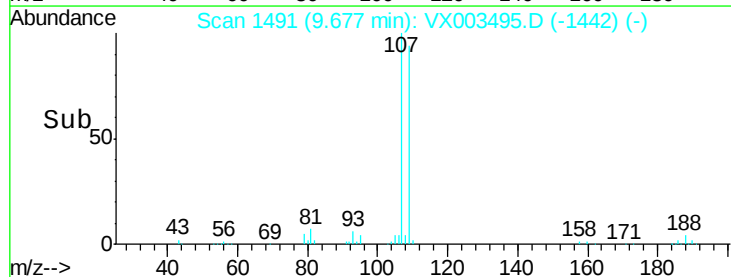
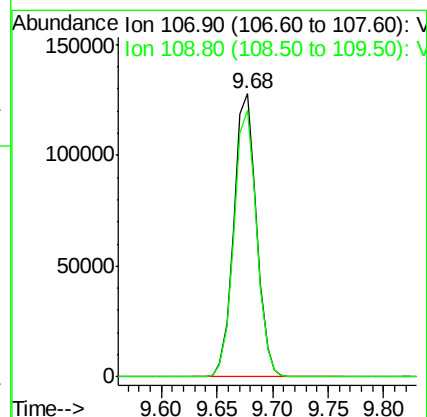
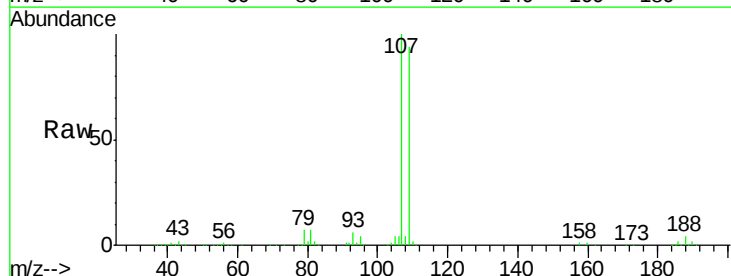
Acq: 20 Jul 2018 05:51

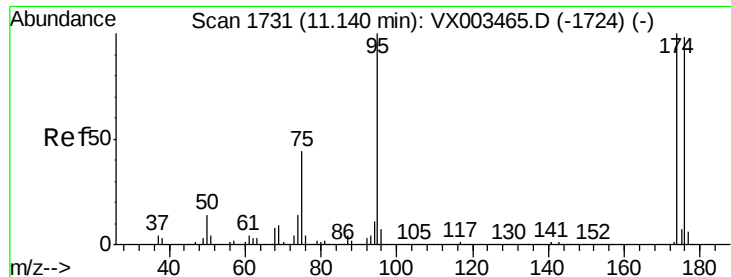
Tgt Ion:107 Resp: 179698

Ion Ratio Lower Upper

107 100

109 94.8 75.3 112.9





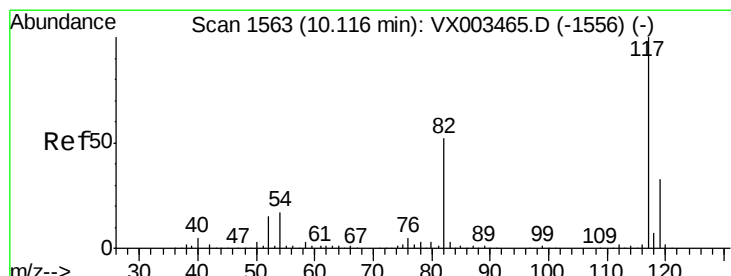
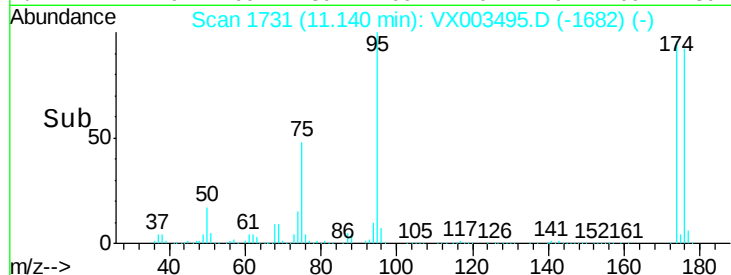
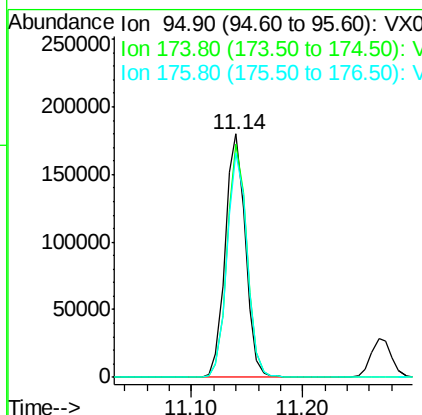
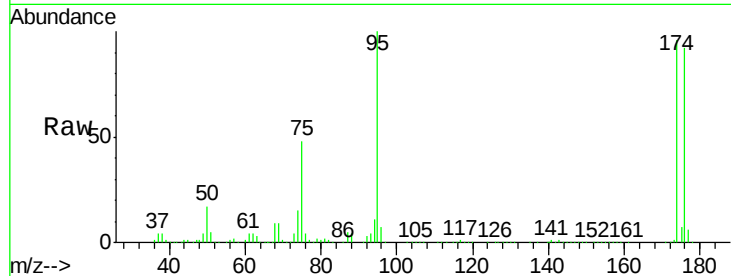
#62
4-Bromofluorobenzene
Concen: 52.65 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
95	100	225137		
174	94.4	0.0	187.4	
176	92.2	0.0	181.0	

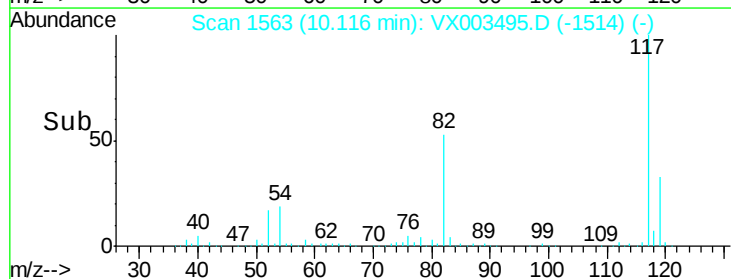
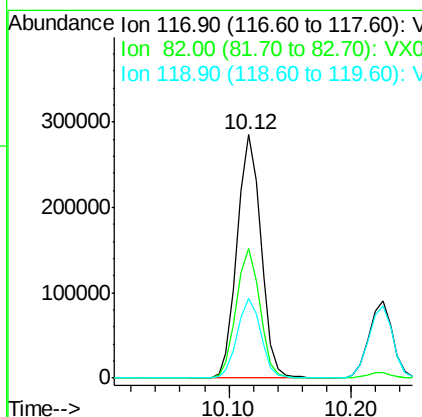
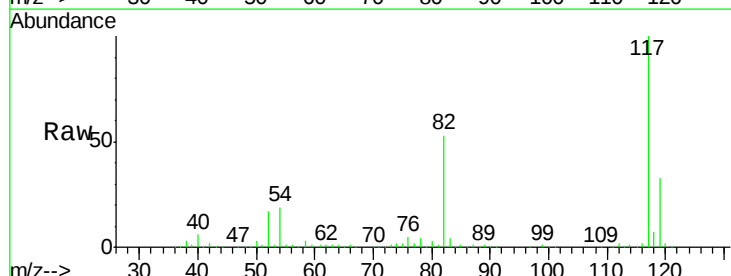
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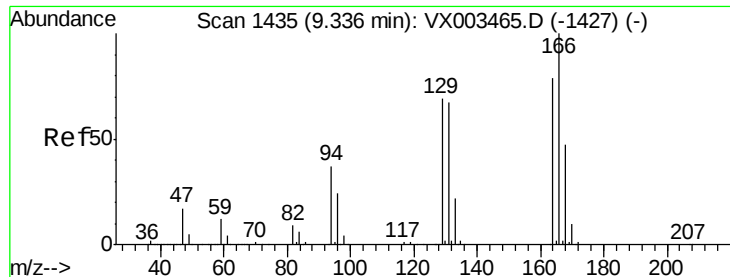
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	384567		
82	53.2	45.0	67.4	
119	32.6	25.8	38.6	





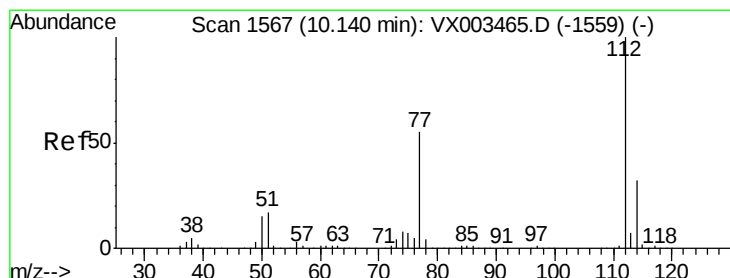
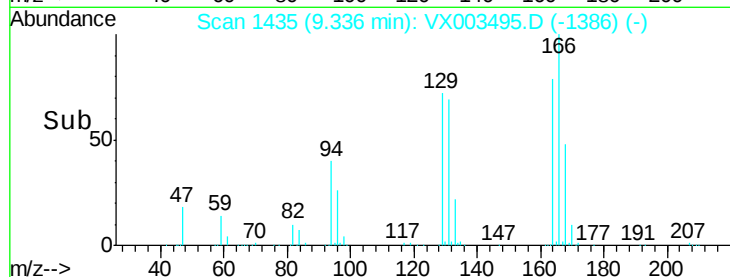
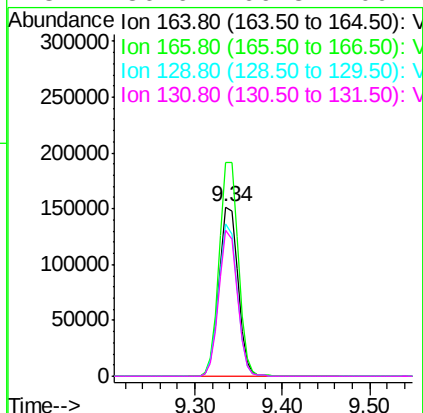
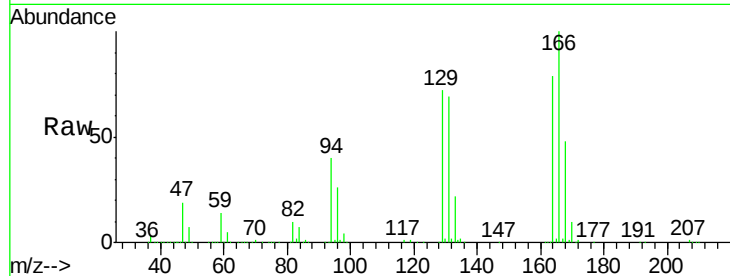
#64
Tetrachloroethene
Concen: 48.17 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.3	102.9	154.3	
129	90.4	68.6	102.8	
131	86.6	66.8	100.2	

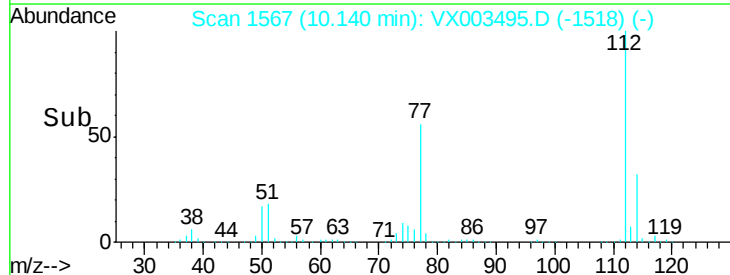
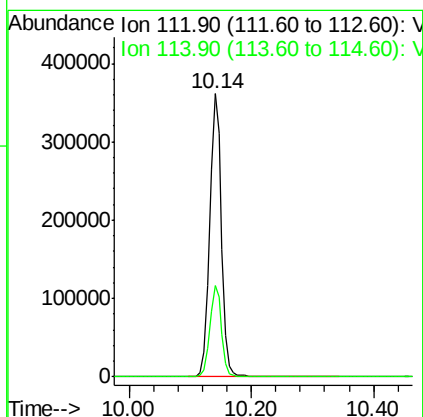
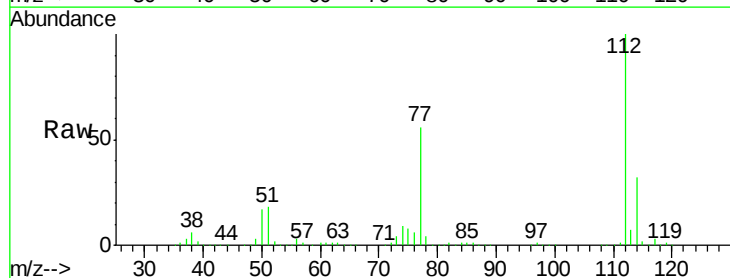
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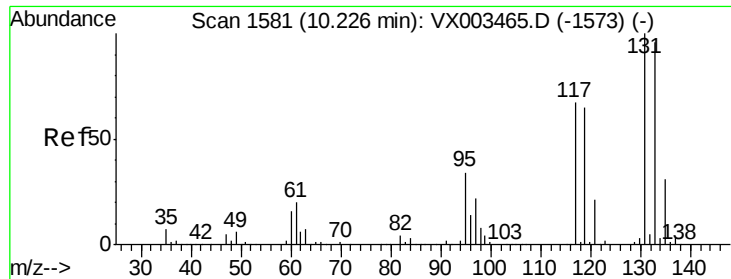
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#65
Chlorobenzene
Concen: 49.42 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.1	25.3	37.9	





#66

1,1,1,2-Tetrachloroethane

Concen: 51.97 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:131 Resp: 177175

Ion Ratio Lower Upper

131 100

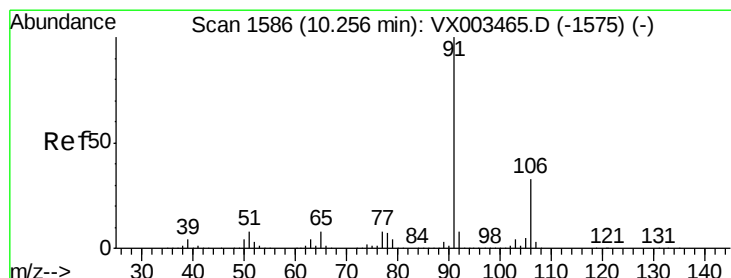
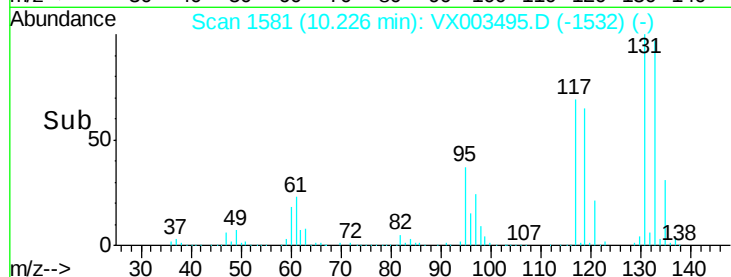
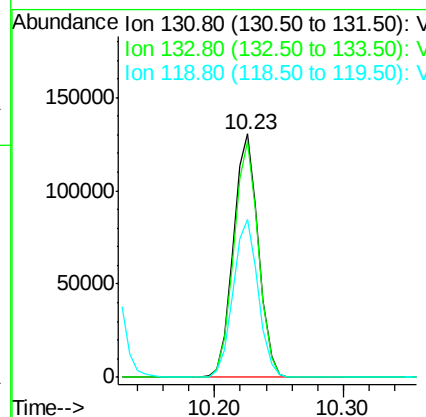
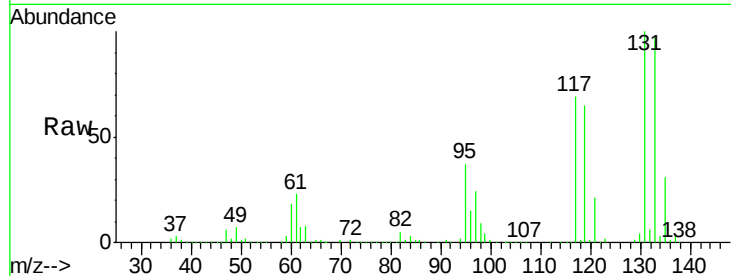
133 95.6 47.9 143.6

119 65.0 31.8 95.3

Manual Integrations
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#67

Ethyl Benzene

Concen: 51.43 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003495.D

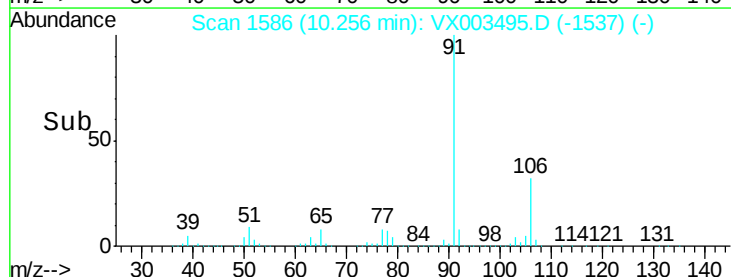
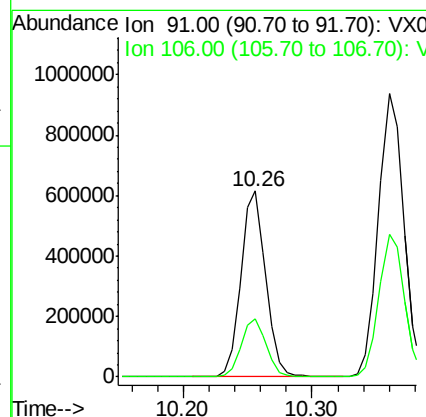
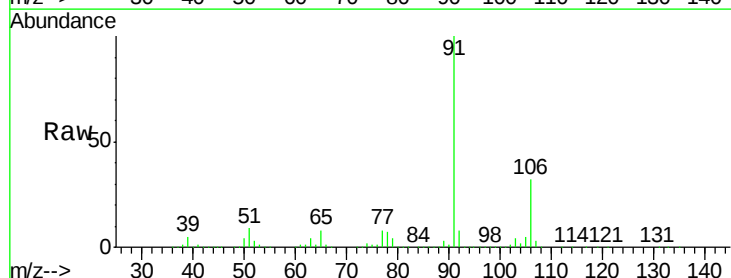
Acq: 20 Jul 2018 05:51

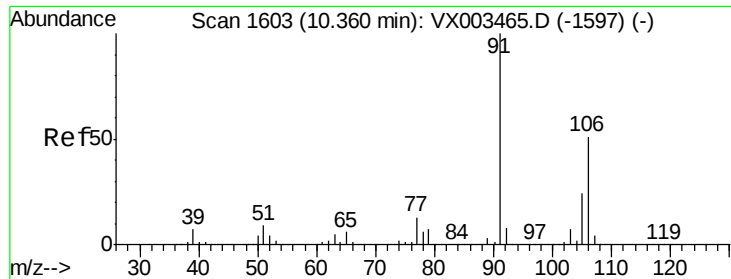
Tgt Ion: 91 Resp: 819300

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3





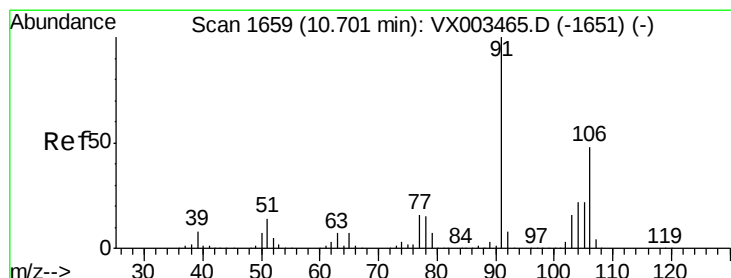
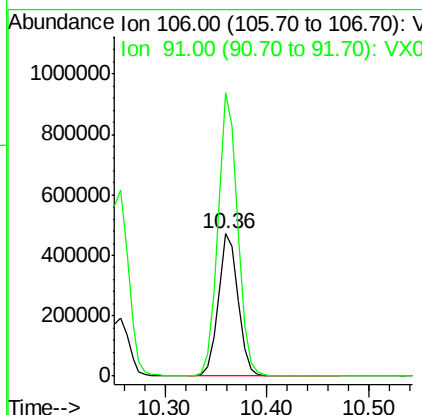
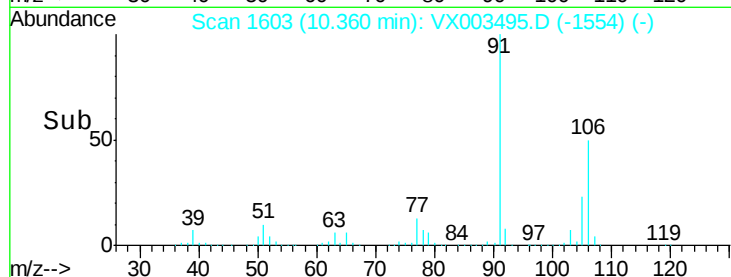
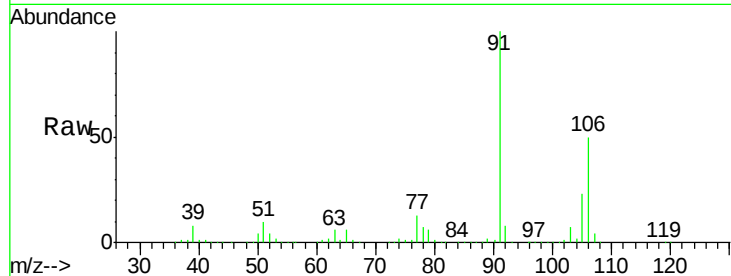
#68
m/p-Xvlenes
Concen: 102.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 642880
Ion Ratio Lower Upper
106 100
91 198.8 163.4 245.2

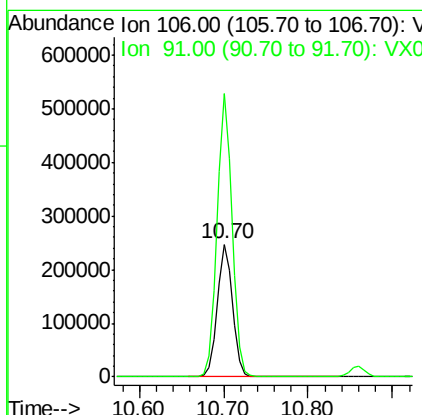
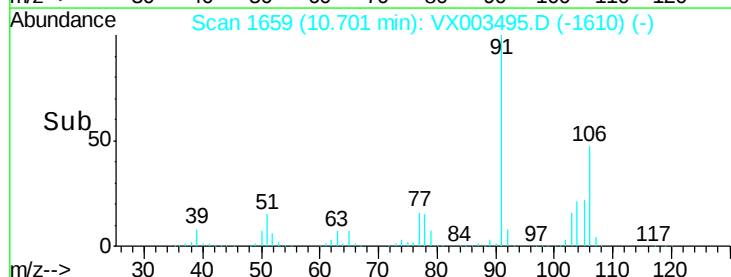
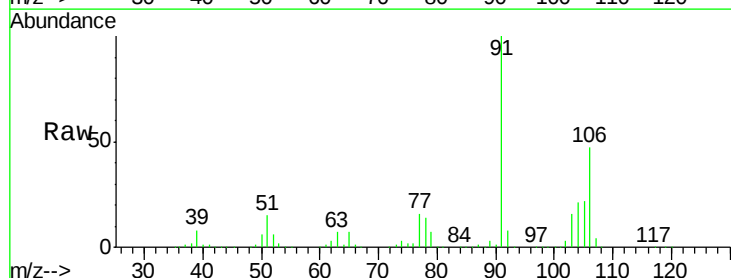
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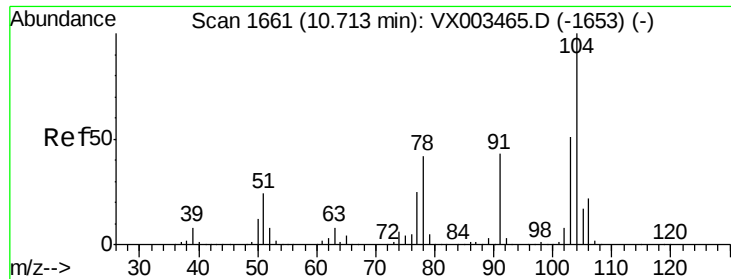
MMDadoda
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#69
o-Xylene
Concen: 51.39 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion:106 Resp: 310394
Ion Ratio Lower Upper
106 100
91 211.5 108.2 324.6





#70

Stvrene

Concen: 52.89 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:104 Resp: 525397

Ion Ratio Lower Upper

104 100

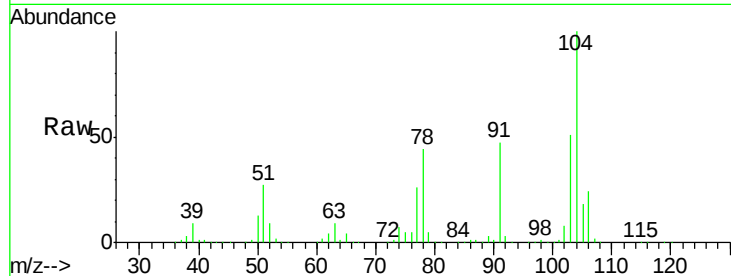
78 47.5 41.0 61.6

103 55.3 44.2 66.4

Manual Integrations
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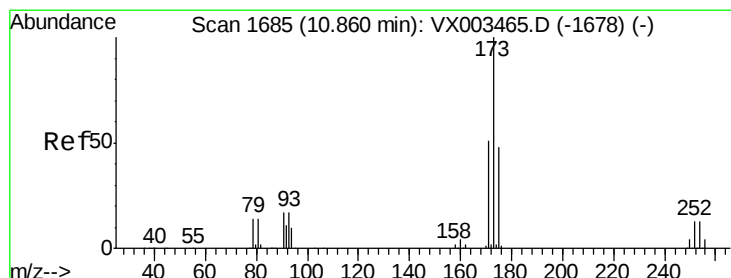
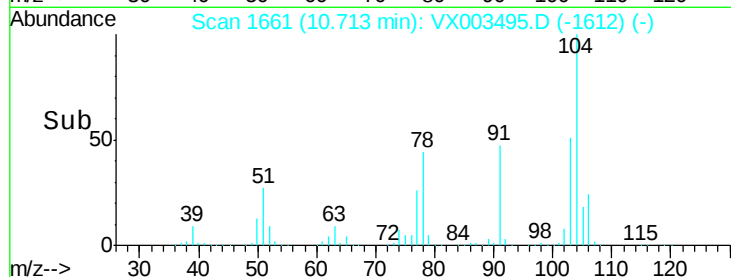
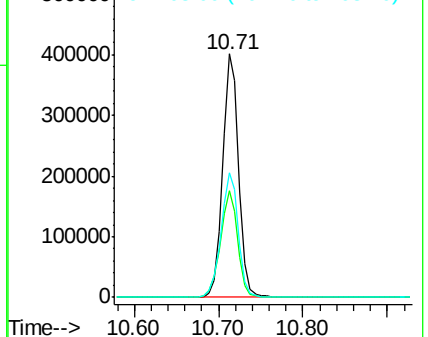
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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 51.86 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

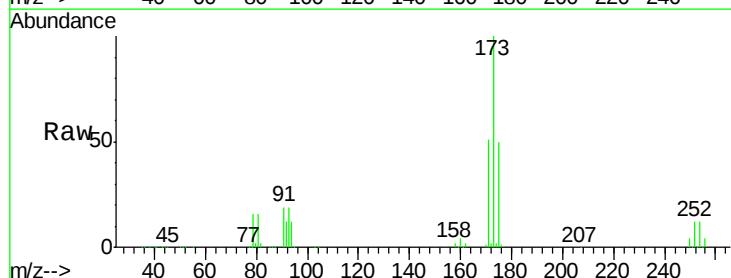
Tgt Ion:173 Resp: 137369

Ion Ratio Lower Upper

173 100

175 49.4 24.7 74.1

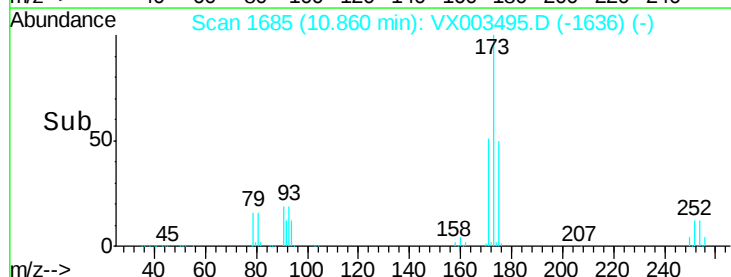
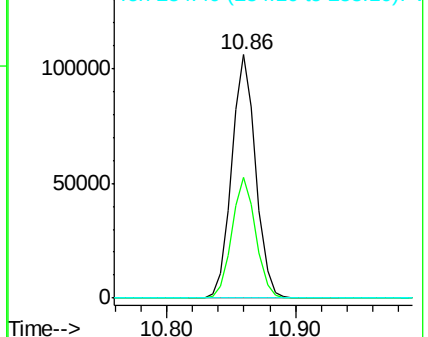
254 0.2 0.2 0.2#

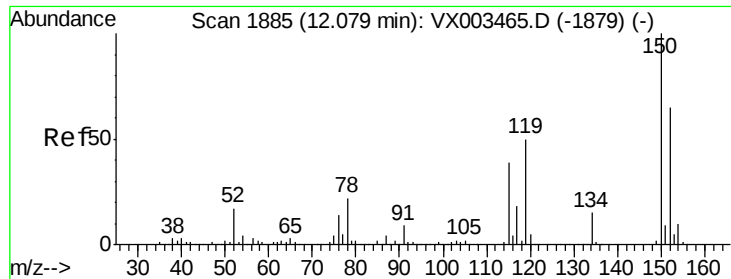


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

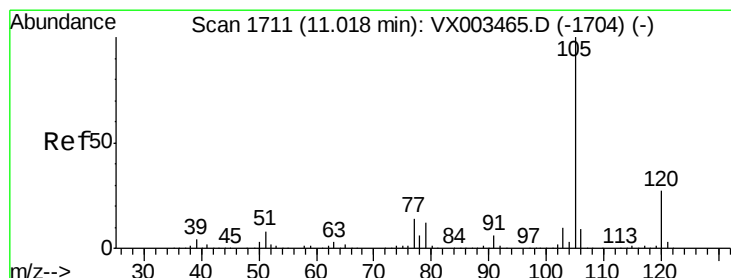
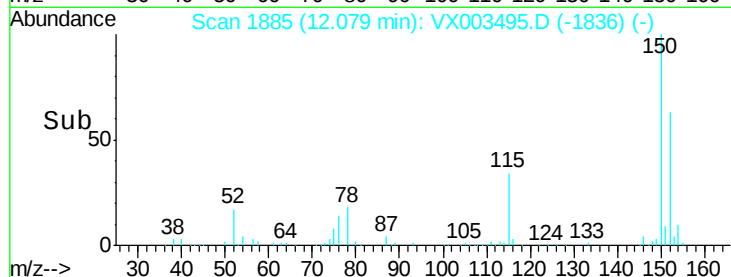
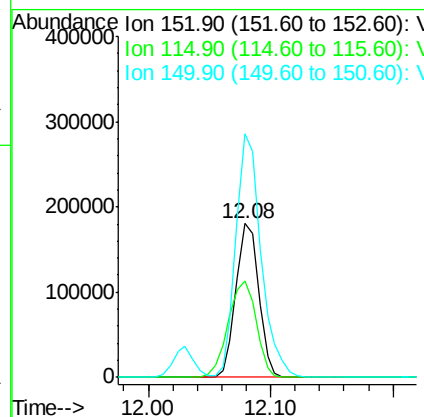
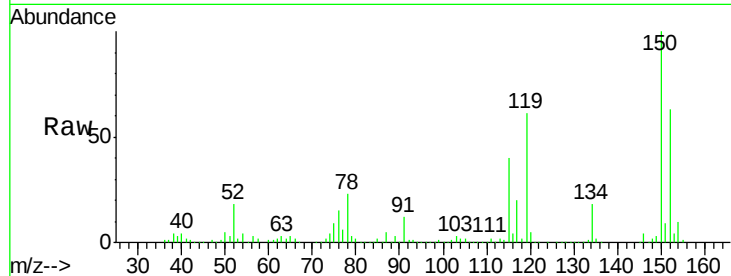
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
152	100		
115	77.4	40.1	120.2
150	174.8	0.0	347.2

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#73

Isopropylbenzene

Concen: 50.84 ug/l

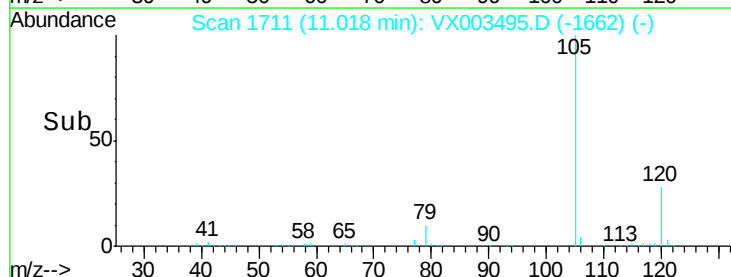
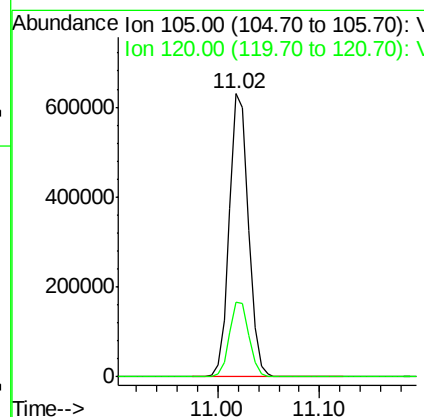
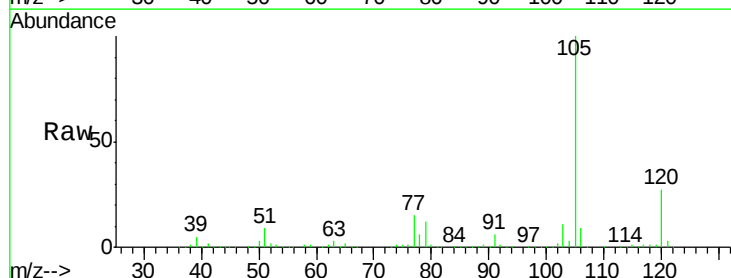
RT: 11.02 min Scan# 1711

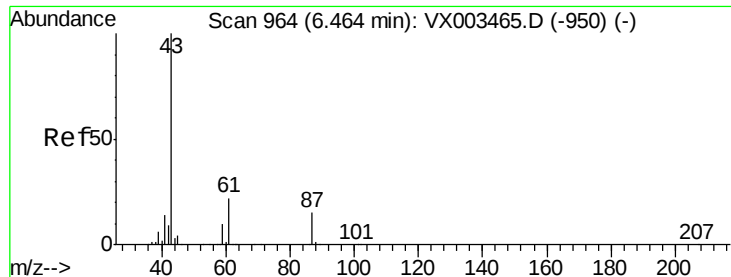
Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.4





#74

N-amvl acetate

Concen: 46.08 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

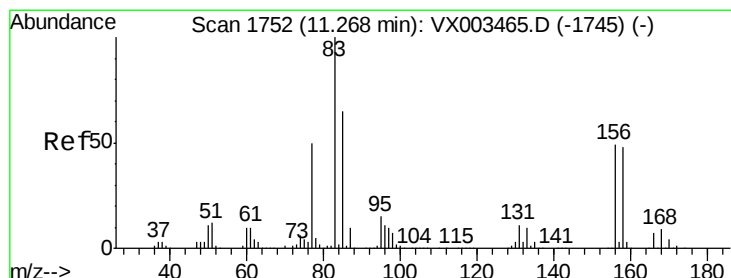
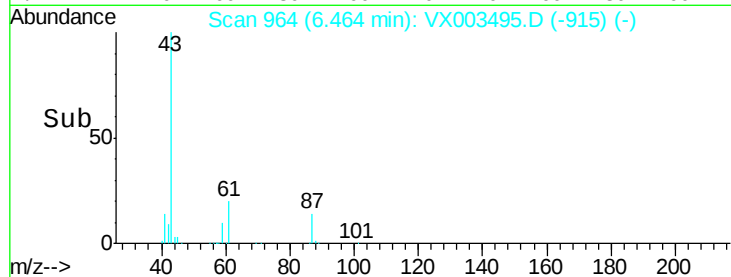
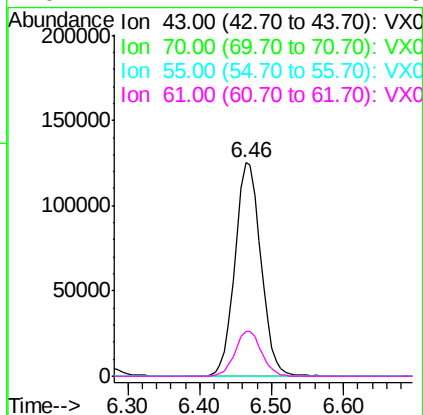
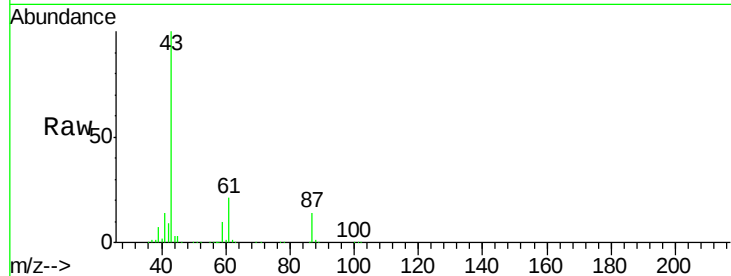
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100	313865		
70	0.0	0.0	0.0	0.0
55	0.1	0.0	0.0	0.0
61	21.4	14.4	21.6	

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.94 ug/l

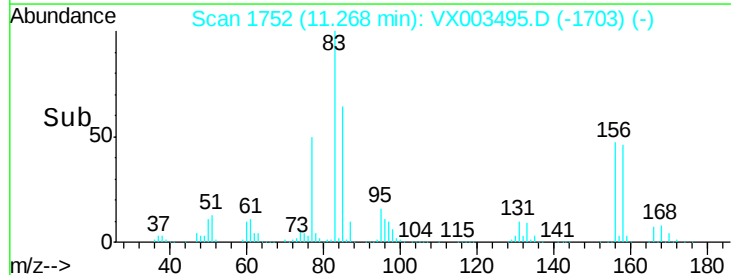
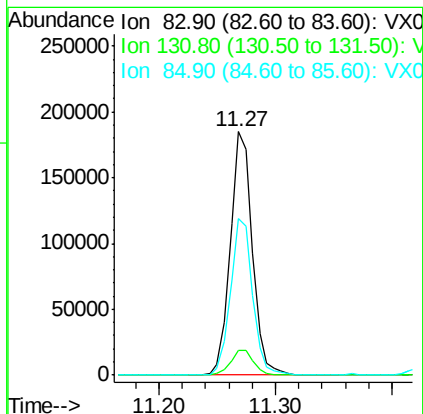
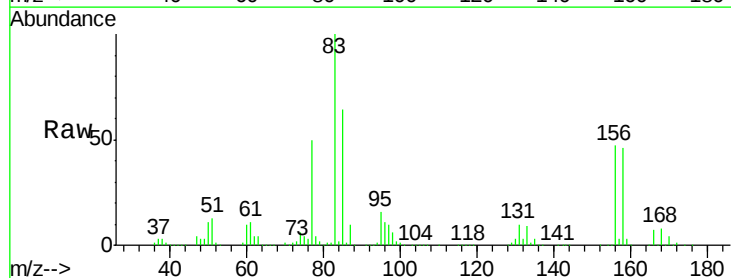
RT: 11.27 min Scan# 1752

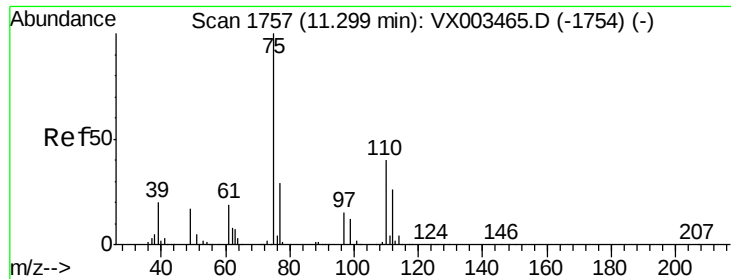
Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	244166		
131	10.6	5.6	16.8	
85	64.7	32.4	97.2	





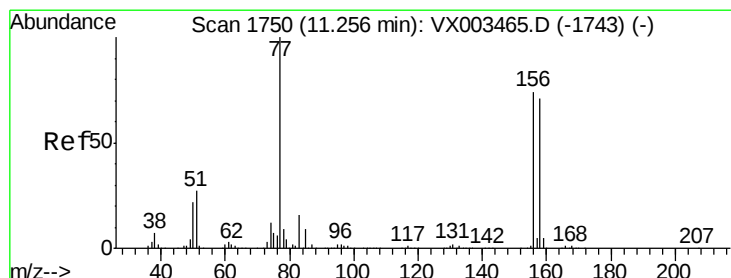
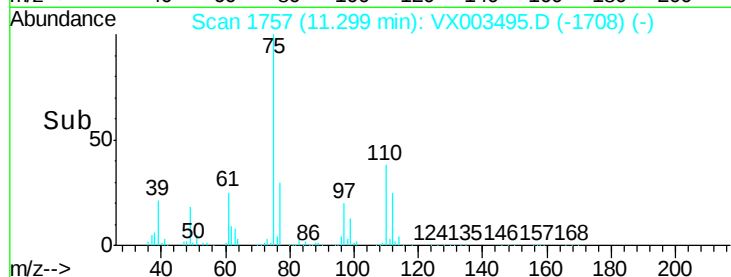
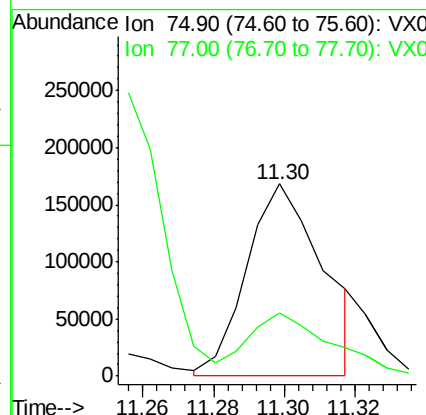
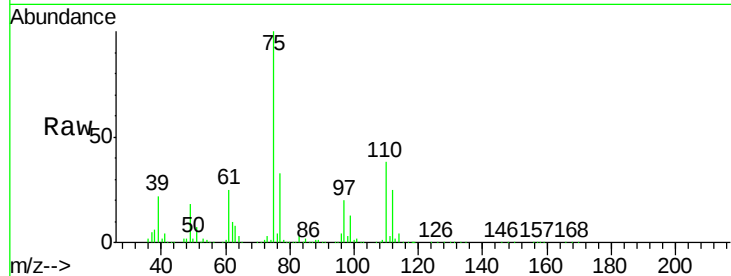
#76
 1,2,3-Trichloropropane
 Concen: 59.88 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 249506
 Ion Ratio Lower Upper
 75 100
 77 36.3 22.8 68.3

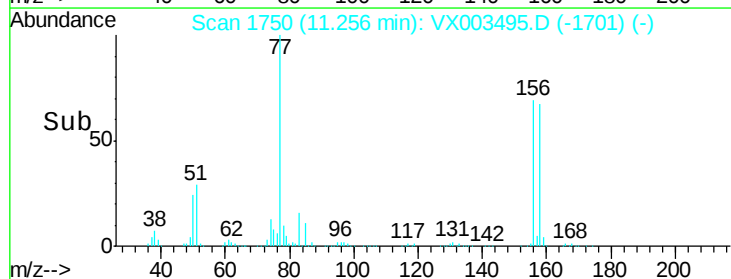
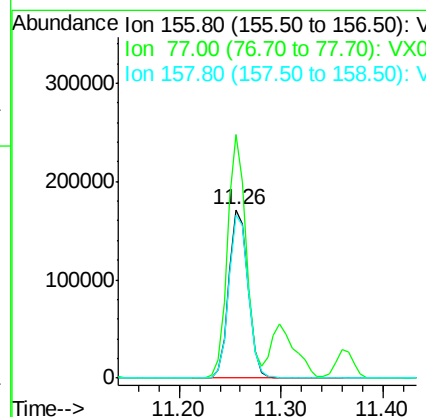
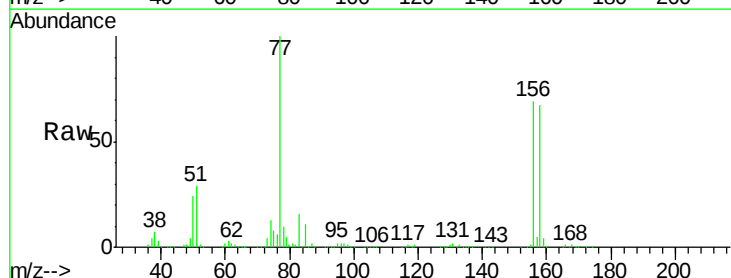
Manual Integrations
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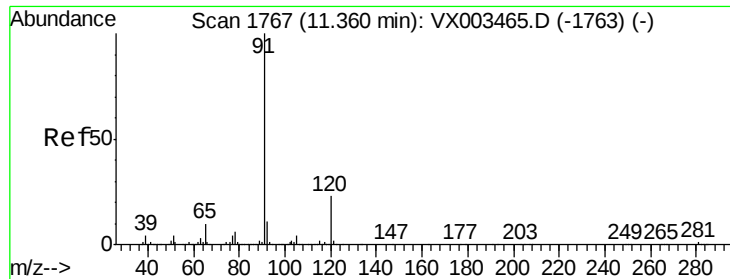
MMDadoda
 7/20/2018 5:22:05 PM



#77
 Bromobenzene
 Concen: 48.52 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 156 Resp: 223838
 Ion Ratio Lower Upper
 156 100
 77 140.2 71.4 214.2
 158 98.0 48.9 146.6





#78

n-propylbenzene

Concen: 52.18 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 930480

Ion Ratio Lower Upper

91 100

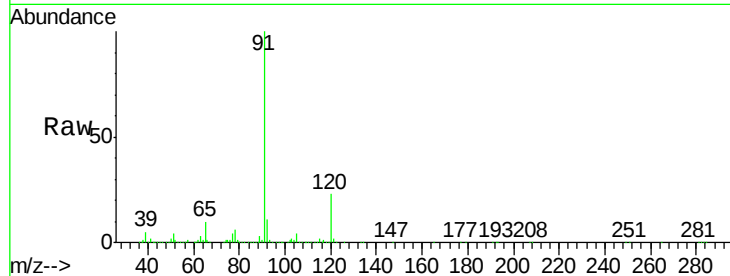
120 24.1 11.8 35.4

Manual Integrations

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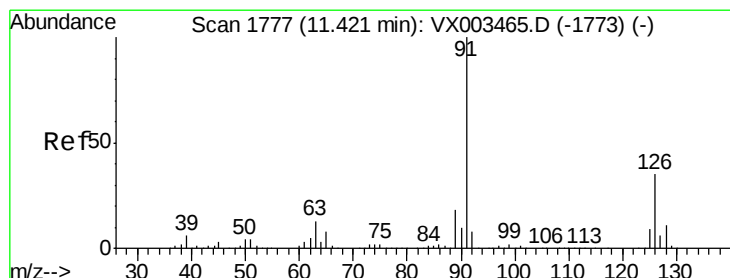
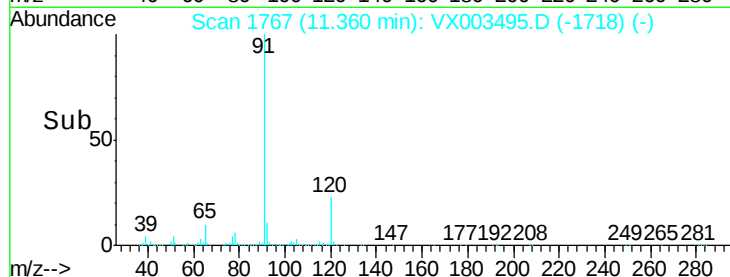
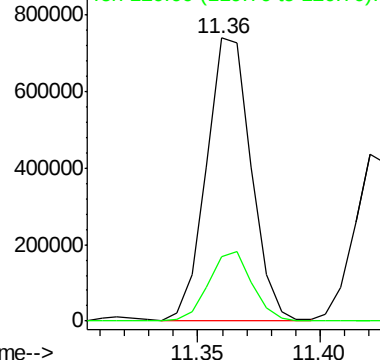
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.44 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003495.D

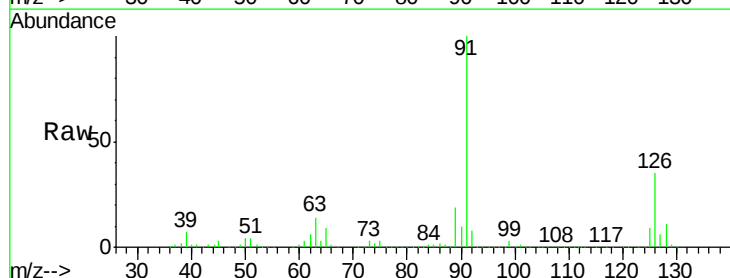
Acq: 20 Jul 2018 05:51

Tgt Ion: 91 Resp: 556777

Ion Ratio Lower Upper

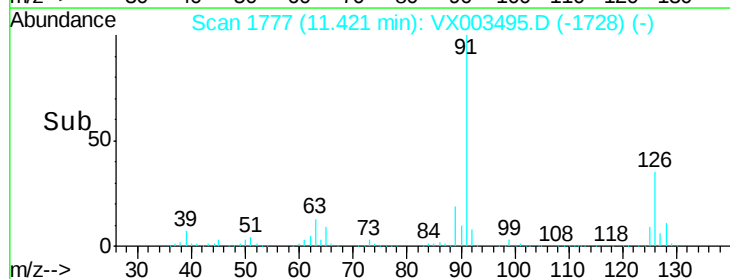
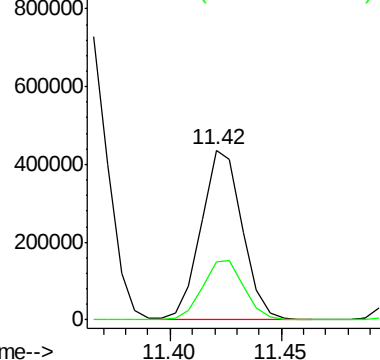
91 100

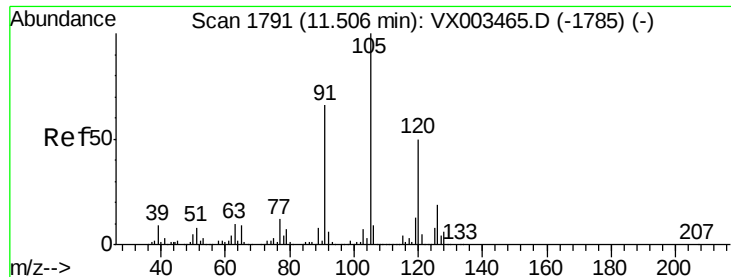
126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





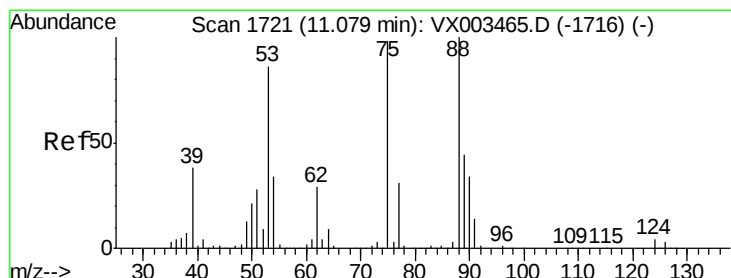
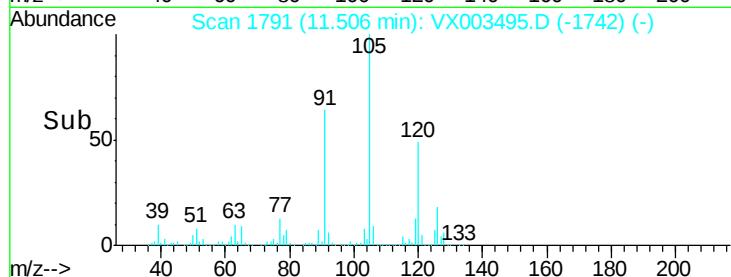
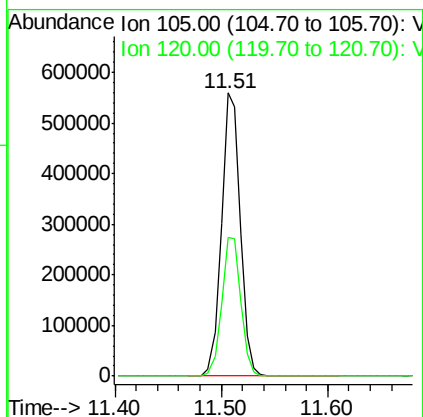
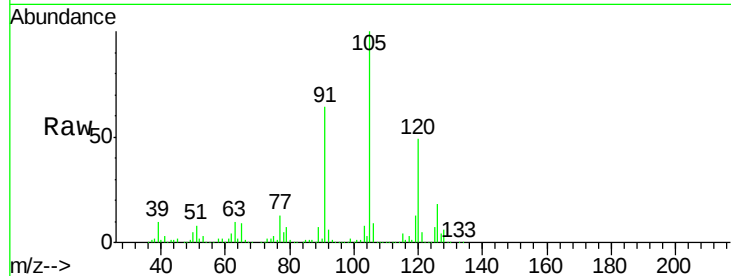
#80
 1,3,5-Trimethylbenzene
 Concen: 52.12 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 687114
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.4 73.4

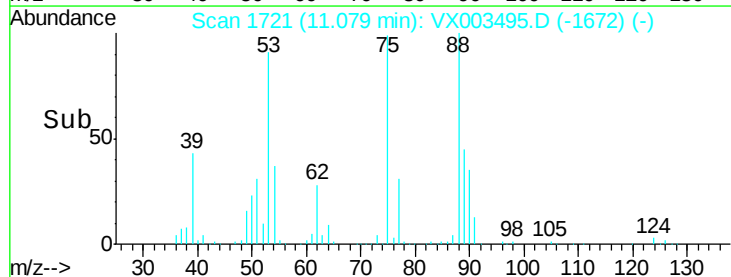
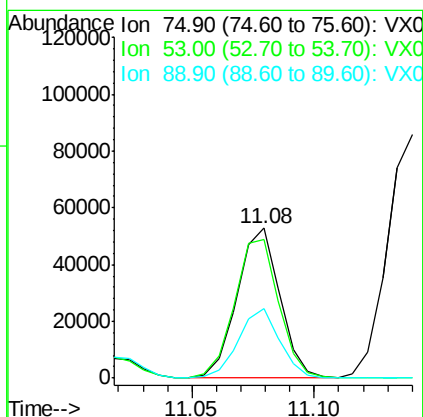
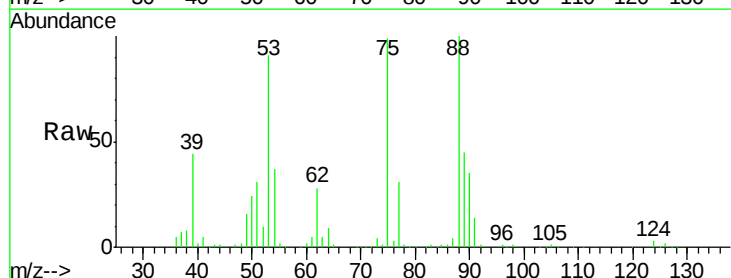
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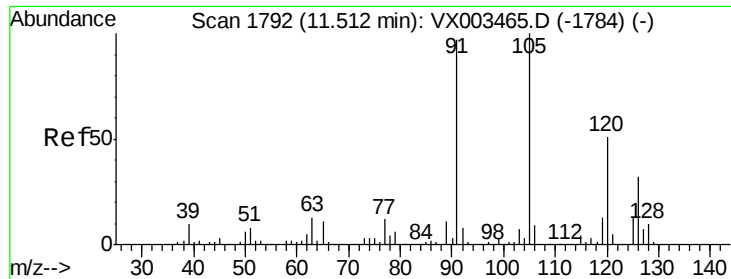
MMDadoda
 7/20/2018 5:22:05 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.72 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion: 75 Resp: 63688
 Ion Ratio Lower Upper
 75 100
 53 96.6 86.8 130.2
 89 45.3 38.2 57.2





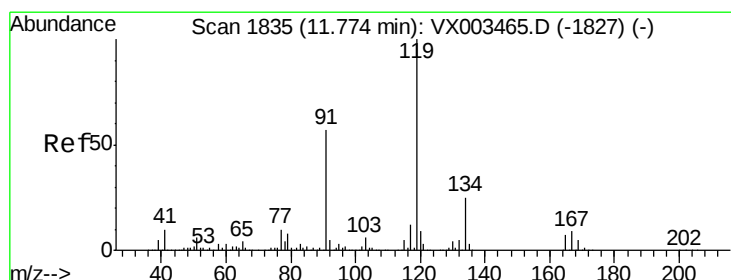
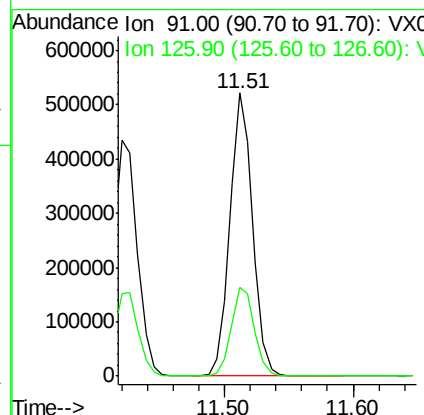
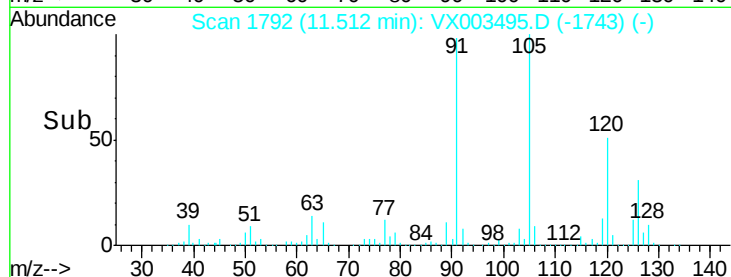
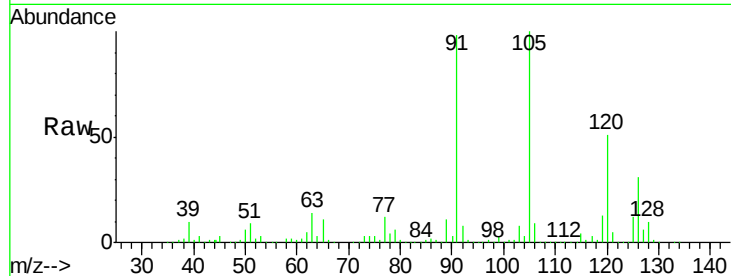
#82
4-Chlorotoluene
Concen: 51.12 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 648340
Ion Ratio Lower Upper
91 100
126 32.0 15.4 46.4

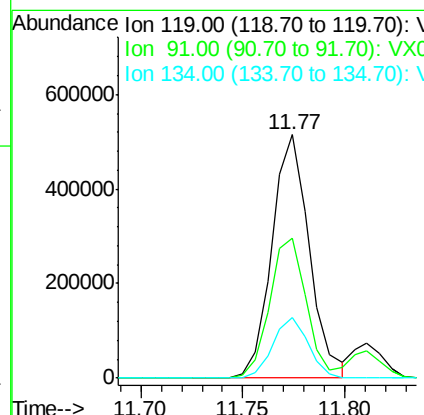
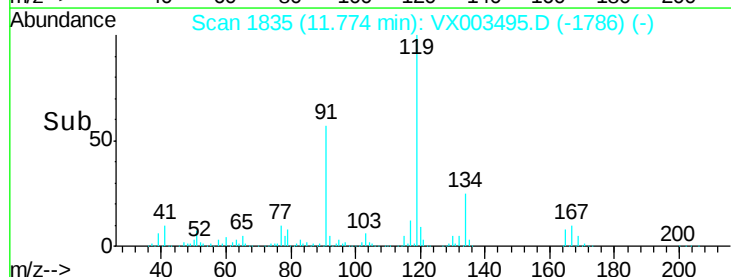
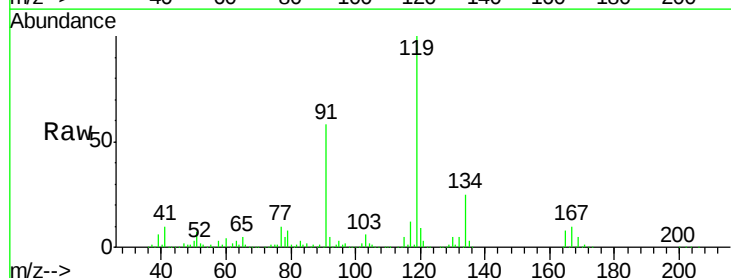
Manual Integrations
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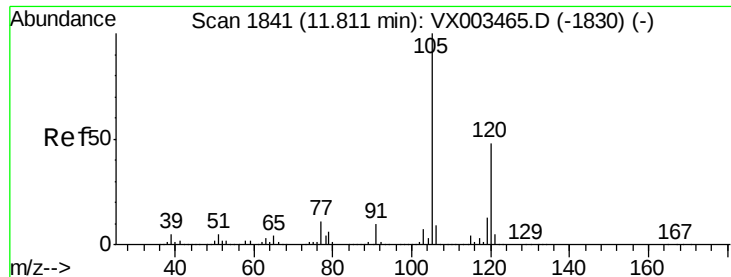
MMDadoda
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#83
tert-Butylbenzene
Concen: 51.05 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion: 119 Resp: 659096
Ion Ratio Lower Upper
119 100
91 56.2 30.3 90.9
134 23.8 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 53.16 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 713157

Ion Ratio Lower Upper

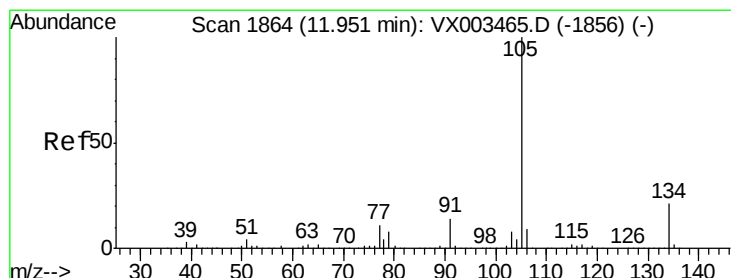
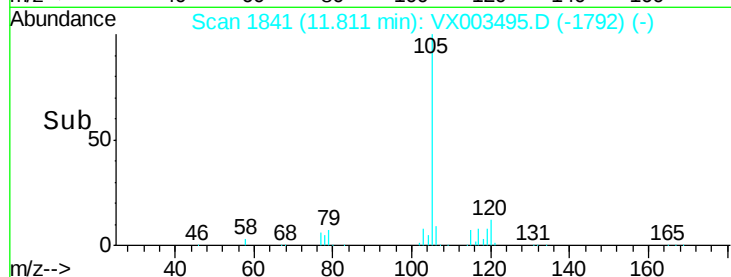
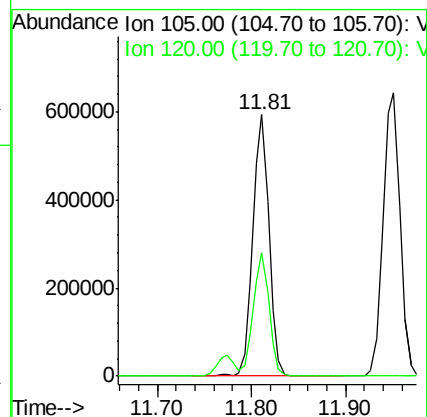
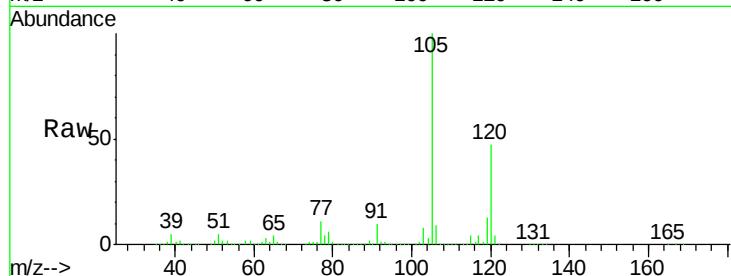
105 100

120 46.0 22.3 66.8

Manual Integrations
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7/20/2018 5:22:05 PM



#85

sec-Butylbenzene

Concen: 51.01 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003495.D

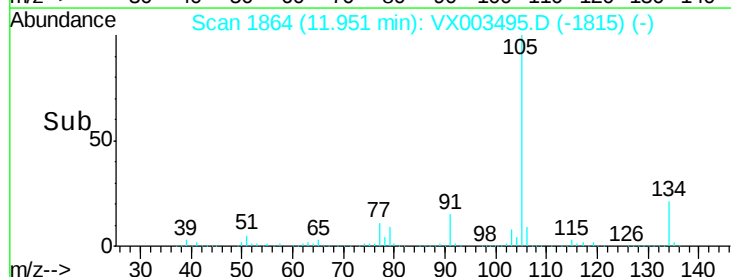
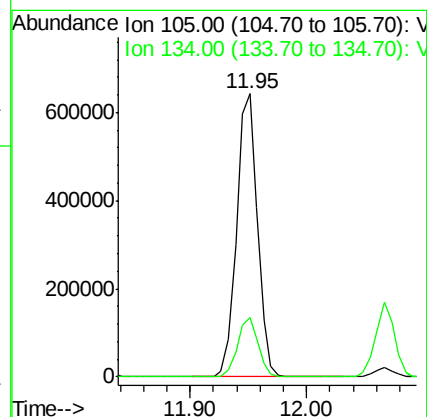
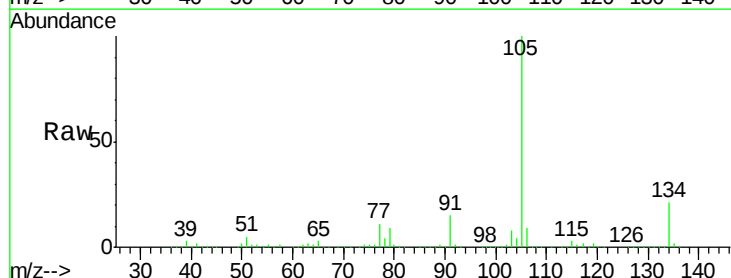
Acq: 20 Jul 2018 05:51

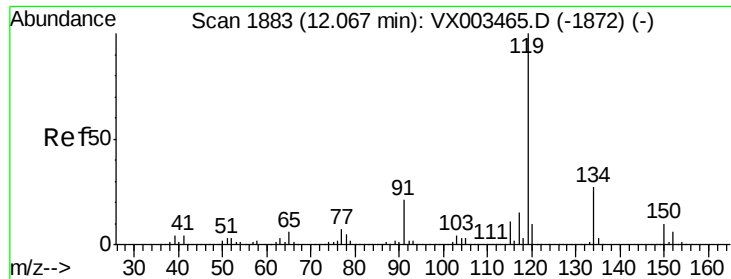
Tgt Ion:105 Resp: 799919

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1





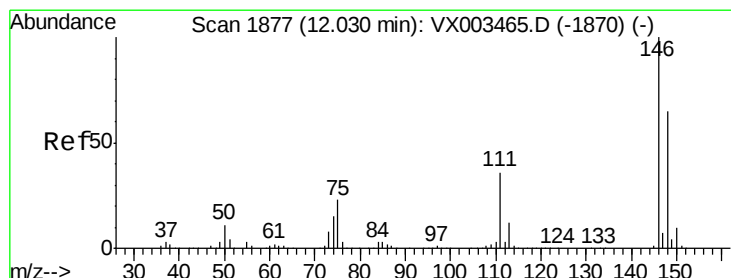
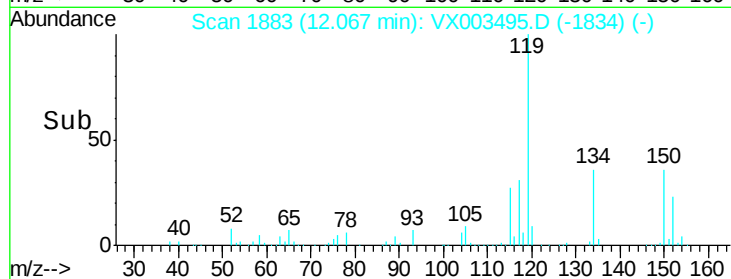
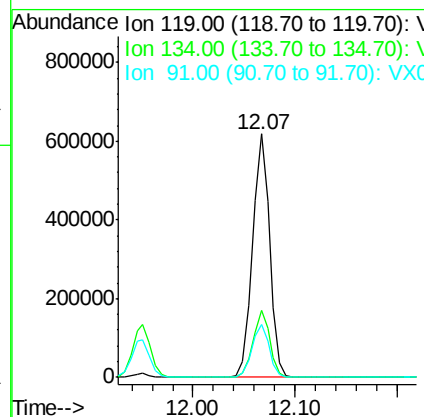
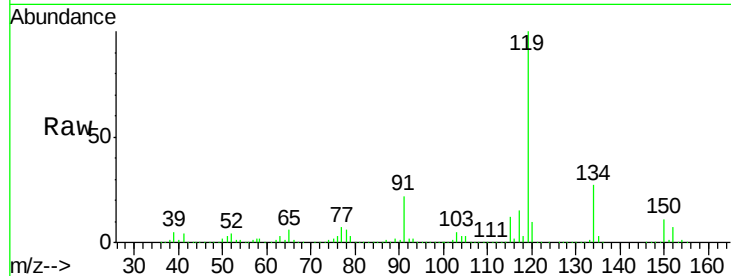
#86
 p-Isopropyltoluene
 Concen: 51.19 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.1
91	22.0	11.9	35.7

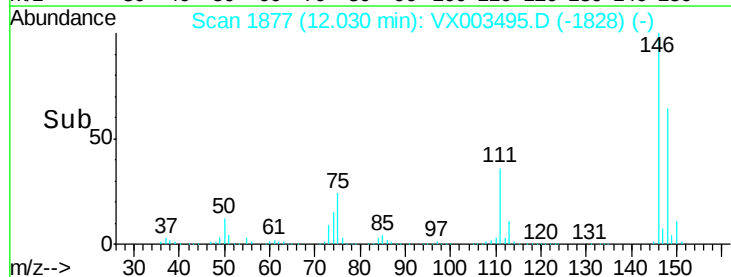
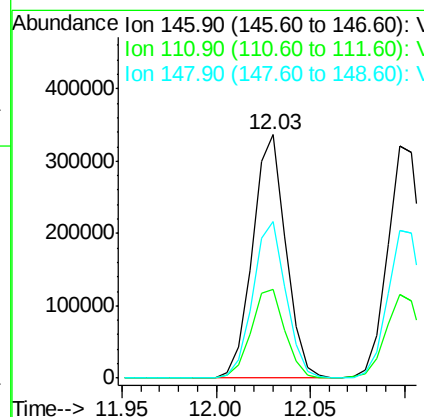
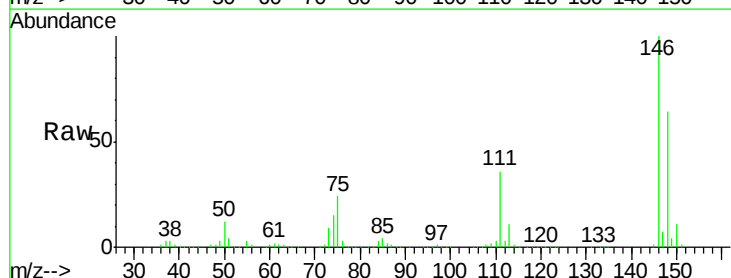
Manual Integrations
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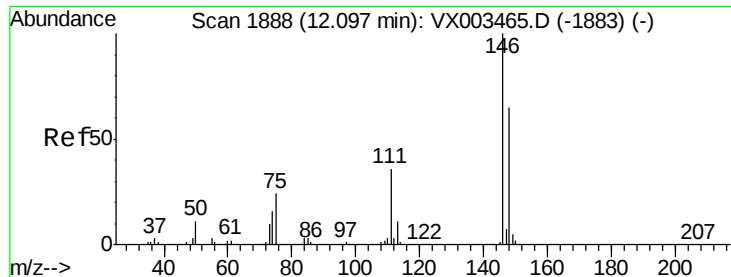
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#87
 1,3-Dichlorobenzene
 Concen: 48.57 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	64.1	32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 47.28 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 413076

Ion Ratio Lower Upper

146 100

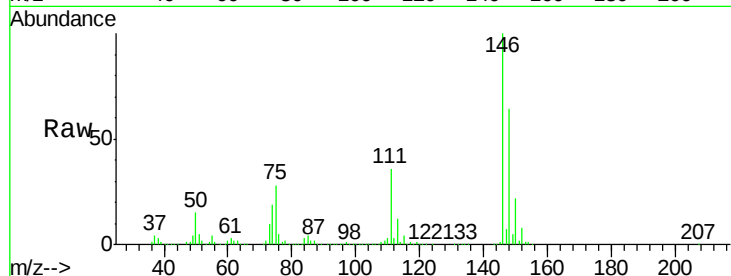
111 36.0 18.7 56.1

148 64.2 32.4 97.0

Manual Integrations
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MMDadoda

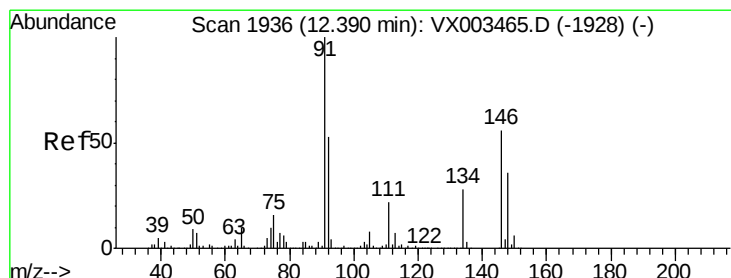
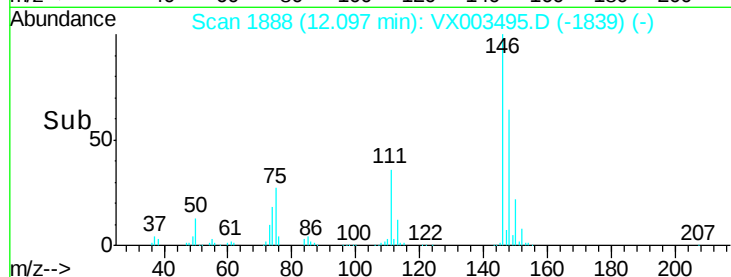
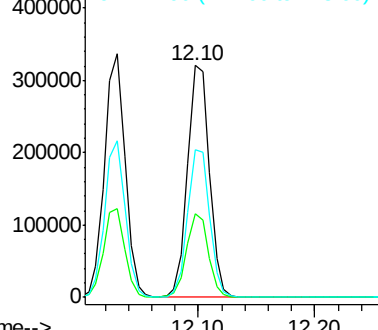
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 49.73 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

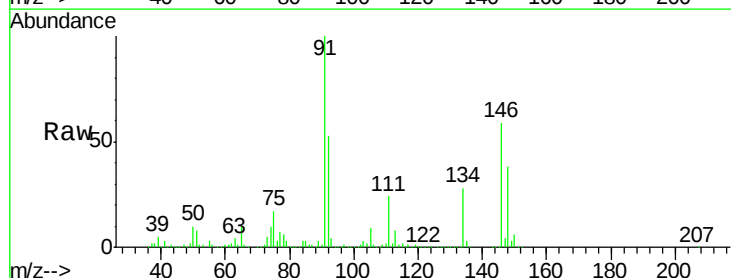
Tgt Ion: 91 Resp: 594328

Ion Ratio Lower Upper

91 100

92 52.8 26.0 78.0

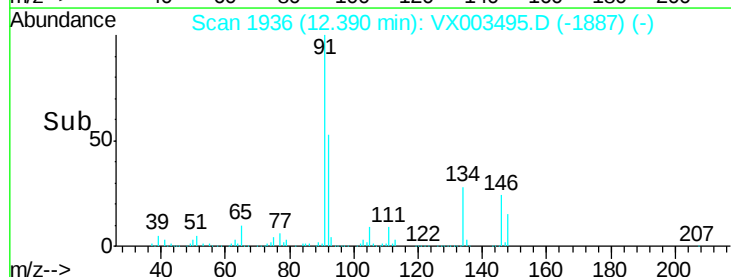
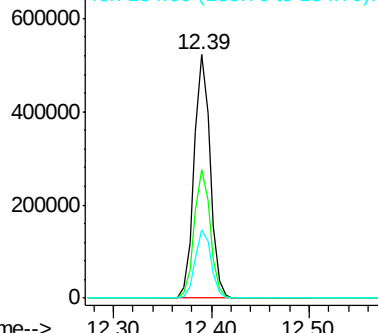
134 27.8 13.5 40.5

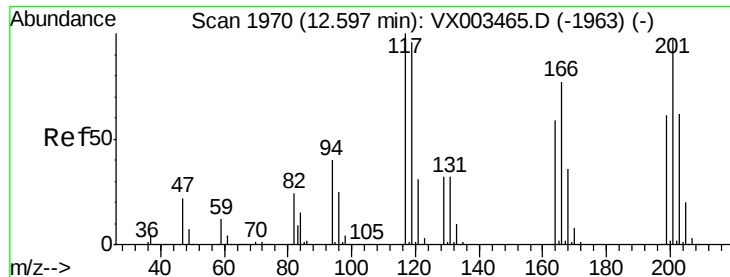


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





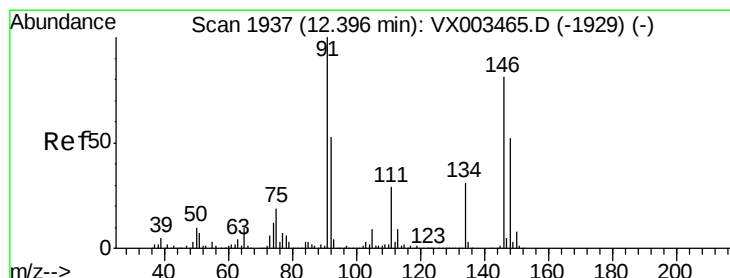
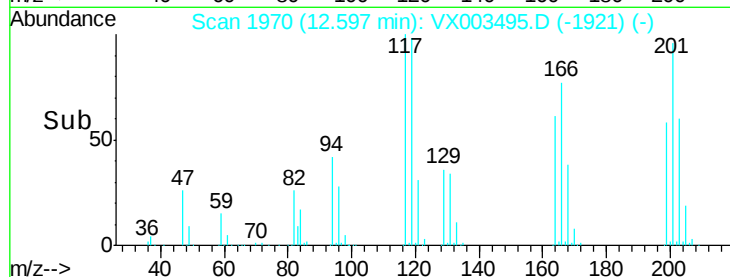
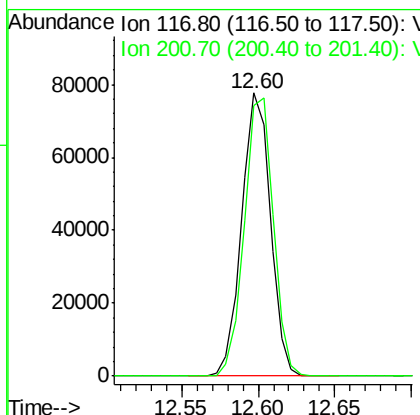
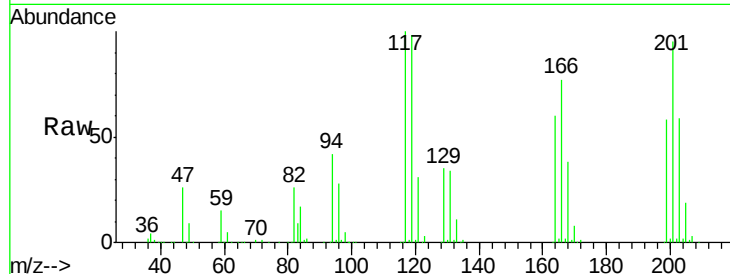
#90
Hexachloroethane
Concen: 50.61 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 101253
Ion Ratio Lower Upper
117 100
201 99.4 49.0 147.0

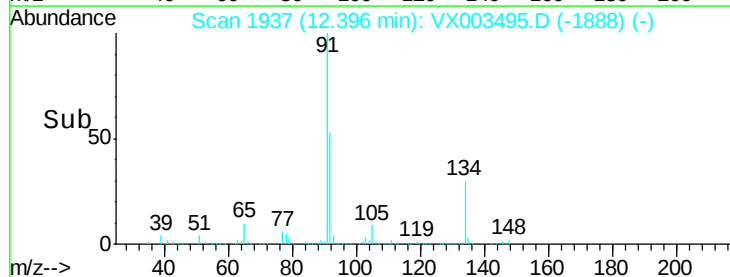
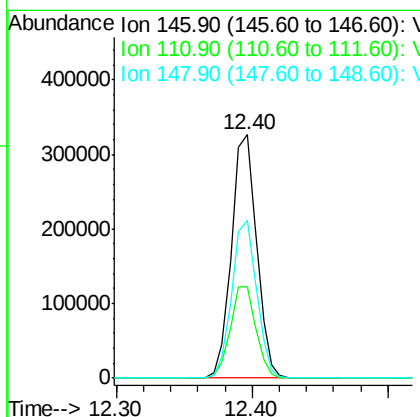
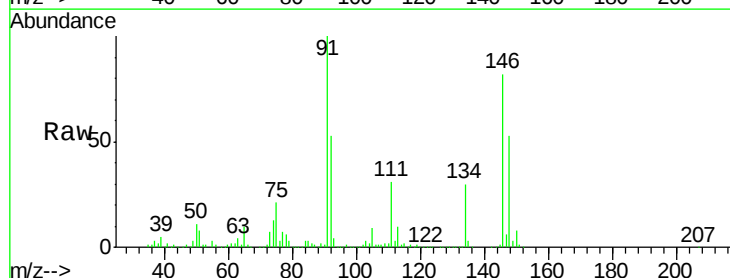
Manual Integrations
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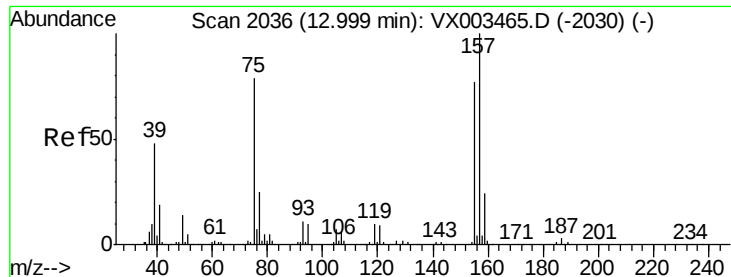
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#91
1,2-Dichlorobenzene
Concen: 50.42 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003495.D
Acq: 20 Jul 2018 05:51

Tgt Ion:146 Resp: 421475
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.1
148 64.2 31.7 95.1





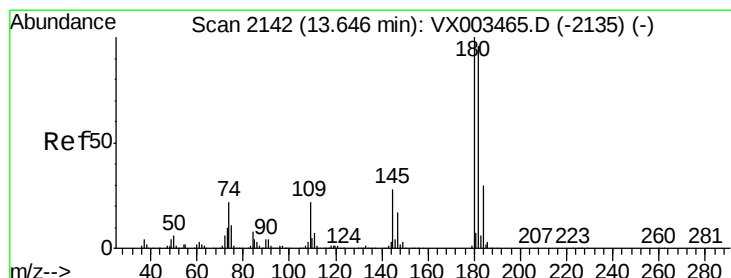
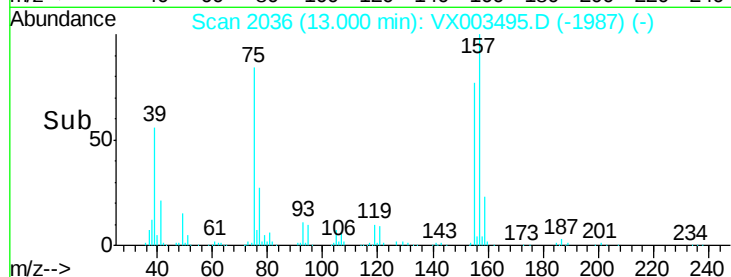
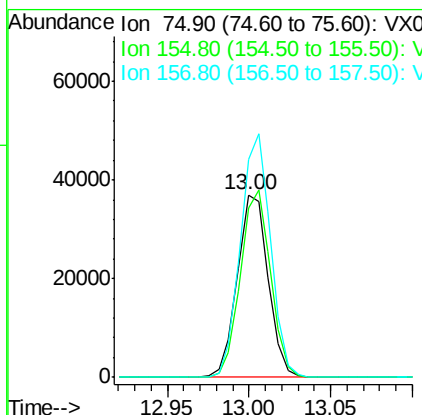
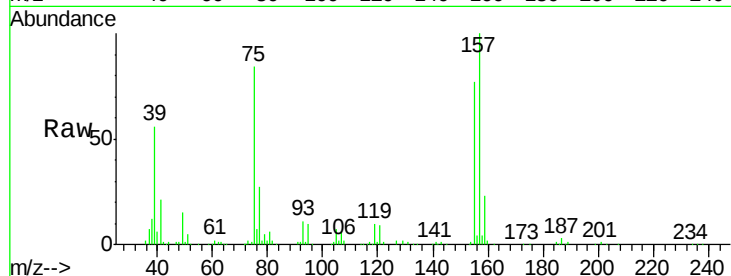
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.26 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
155	100.2	45.8	137.4
157	130.4	60.1	180.3

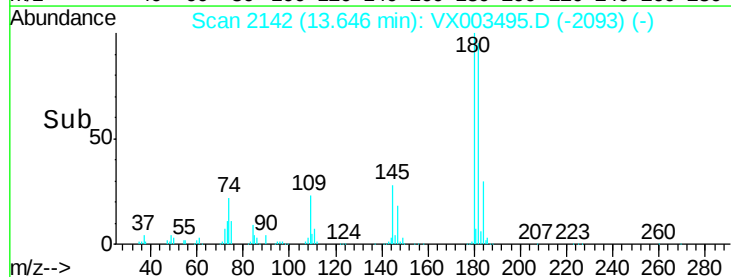
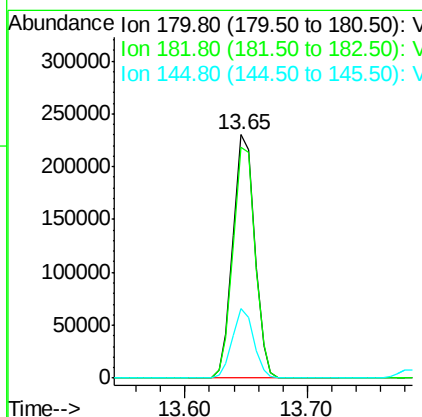
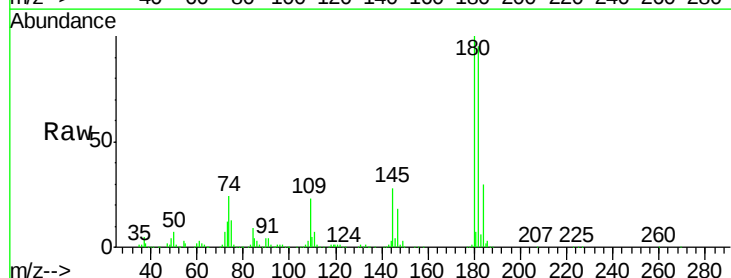
Manual Integrations
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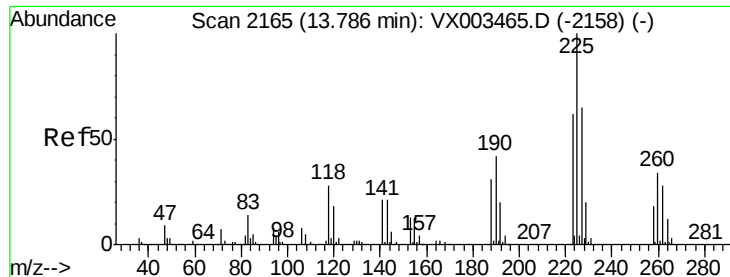
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#93
 1,2,4-Trichlorobenzene
 Concen: 46.22 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.7	143.1
145	27.7	14.1	42.4





#94

Hexachlorobutadiene

Concen: 45.38 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Instrument :

MSVOA_X

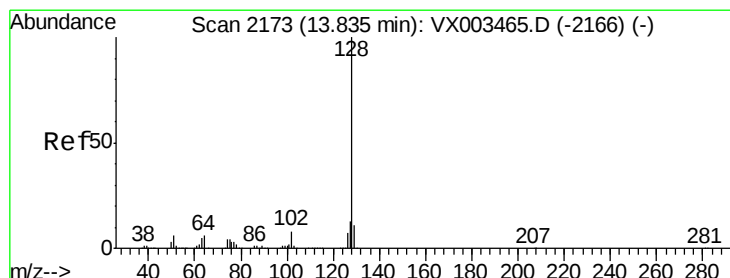
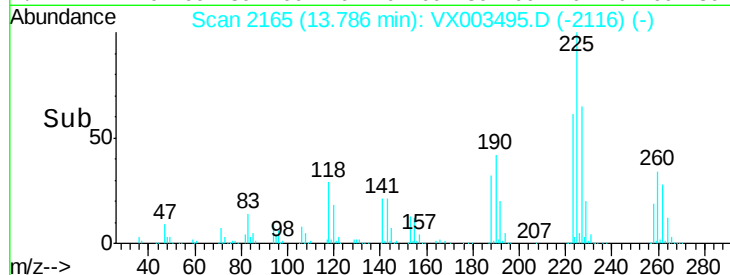
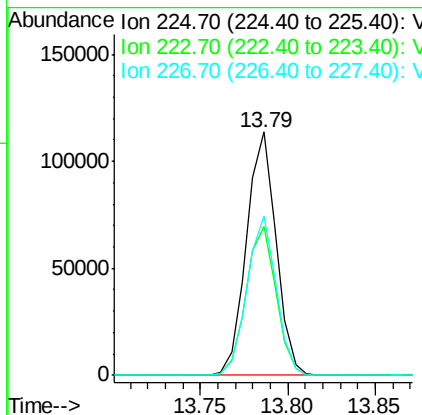
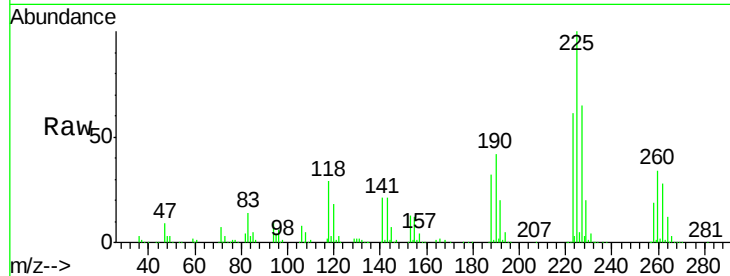
ClientSampleId :

VSTDCCC050EC

Tot Ion:	225	Resp:	133684
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.6	95.0
227	64.5	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
7/20/2018 5:22:05 PM



#95

Naphthalene

Concen: 52.86 ug/l

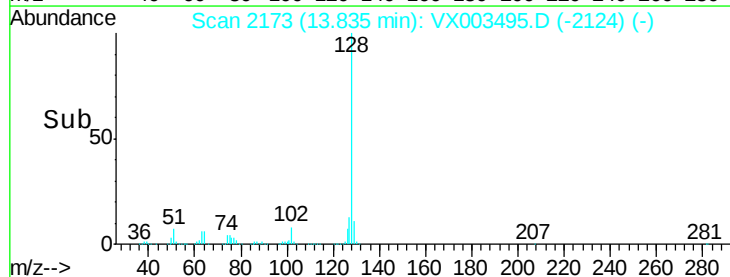
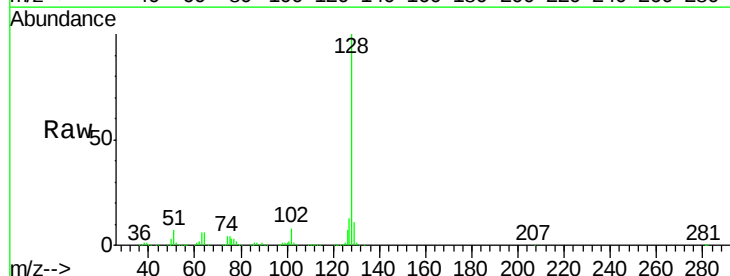
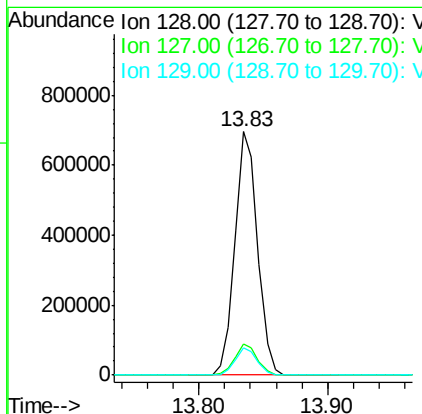
RT: 13.83 min Scan# 2173

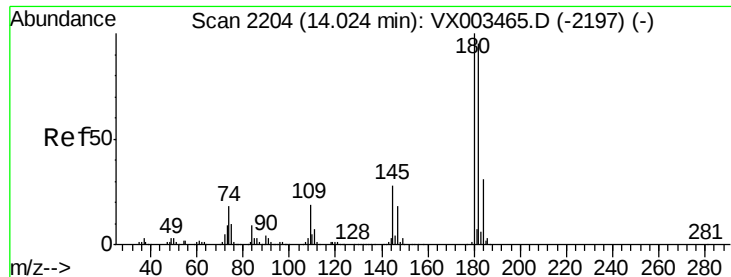
Delta R.T. 0.00 min

Lab File: VX003495.D

Acq: 20 Jul 2018 05:51

Tgt Ion:	128	Resp:	850968
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	10.9	8.6	13.0





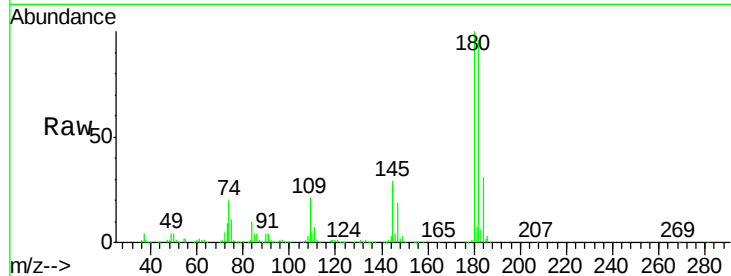
#96
 1,2,3-Trichlorobenzene
 Concen: 48.32 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003495.D
 Acq: 20 Jul 2018 05:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	293024		
182	95.2	48.0	144.0	
145	29.3	14.8	44.3	

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:05 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

