

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071218\
 Data File : VX003358.D
 Acq On : 12 Jul 2018 18:15
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 7/13/2018 11:35:56 AM

Quant Time: Jul 12 19:16:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	60955	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.87	114	335223	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	301412	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	122808	29.50	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.33%
60) 4-Bromofluorobenzene	11.14	95	143420	29.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.70%
63) Toluene-d8	8.72	98	406337	30.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	89936	19.437	ug/l 99
3) Chloromethane	1.32	50	83635	18.199	ug/l 99
4) Vinyl Chloride	1.40	62	92461	18.453	ug/l 100
5) Bromomethane	1.64	94	43197	20.792	ug/l 98
6) Chloroethane	1.73	64	52351	17.530	ug/l 96
7) Trichlorofluoromethane	1.93	101	121972	18.272	ug/l 98
8) Diethyl Ether	2.19	74	49394	18.094	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73566	18.003	ug/l 96
10) 1,1-Dichloroethene	2.37	96	68490	18.064	ug/l 93
11) Methyl Iodide	2.51	142	70256	20.732	ug/l 92
12) Methyl Acetate	2.78	43	115030	18.687	ug/l 98
13) Acrolein	2.29	56	41045	85.814	ug/l 98
14) Acrylonitrile	3.15	53	205741	88.811	ug/l 100
15) Acetone	2.45	58	53317	87.793	ug/l 78
16) Carbon Disulfide	2.57	76	187487	17.311	ug/l 100
17) Allyl chloride	2.73	41	123109	17.070	ug/l 91
18) Methylene Chloride	2.86	84	77728	17.469	ug/l 92
19) trans-1,2-Dichloroethene	3.17	96	73761	18.040	ug/l 93
20) Diisopropyl ether	3.88	45	228936	17.568	ug/l 97
21) 1,1-Dichloroethane	3.70	63	136221	17.824	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	81416	18.728	ug/l 83
23) tert-Butyl Alcohol	3.07	59	77909	80.998	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	226197	17.863	ug/l # 90
25) Chloroform	5.22	83	131133	19.053	ug/l 100
26) Cyclohexane	5.57	56	114908	19.260	ug/l # 95
29) 1,1-Dichloropropene	5.80	75	98485	18.633	ug/l 98
30) 2-Butanone	4.71	43	257829	87.300	ug/l 93
31) 2,2-Dichloropropane	4.59	77	84772	14.850	ug/l 95
32) 1,1,1-Trichloroethane	5.50	97	109498	18.299	ug/l 98
33) Carbon Tetrachloride	5.78	117	96682	18.410	ug/l 90
34) Benzene	6.15	78	300622	19.315	ug/l # 95
35) Methacrylonitrile	5.07	41	57385	18.366	ug/l 91
37) Trichloroethene	7.22	130	84861	19.716	ug/l 89
38) Methylcyclohexane	7.46	83	110948	18.571	ug/l 97
39) 1,2-Dichloropropane	7.52	63	76553	19.035	ug/l 97
40) Dibromomethane	7.67	93	49998	18.931	ug/l 95
41) Bromodichloromethane	7.90	83	89692	18.174	ug/l 96

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Manual Integrations
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Quant Time: Jul 12 19:16:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.83	43	965166	85.066	ug/l	97
43) Ethyl Acetate	4.87	43	102398	18.254	ug/l	98
44) Isopropyl Acetate	6.47	43	159570	18.558	ug/l	93
45) 1,4-Dioxane	7.76	88	31280	340.833	ug/l #	84
46) Methyl methacrylate	7.78	41	80769	18.165	ug/l	85
47) n-amyl Acetate	10.90	43	130640	17.640	ug/l #	88
48) t-1,3-Dichloropropene	8.44	75	108374	18.043	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	95401	17.539	ug/l #	89
50) 1,1,2-Trichloroethane	9.22	97	76768	19.272	ug/l	96
51) Ethyl methacrylate	9.18	69	108355	18.665	ug/l	82
52) 1,3-Dichloropropane	9.37	76	125270	19.147	ug/l	100
53) Dibromochloromethane	9.59	129	72756	18.276	ug/l	99
54) 1,2-Dibromoethane	9.68	107	78597	19.026	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	279833	102.175	ug/l	98
56) Bromoform	10.86	173	55304	18.170	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	515476	96.005	ug/l	92
59) 2-Hexanone	9.50	43	386520	93.990	ug/l	92
61) Tetrachloroethene	9.34	164	97324	21.097	ug/l	98
62) Toluene	8.79	91	329066	20.011	ug/l	99
64) Chlorobenzene	10.14	112	212393	19.504	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	74723	19.346	ug/l	99
66) Ethyl Benzene	10.26	91	352372	19.391	ug/l	100
67) m/p-Xylenes	10.36	106	276257	39.070	ug/l	97
68) o-Xylene	10.70	106	132422	19.465	ug/l	95
69) Styrene	10.71	104	217550	19.237	ug/l	97
70) Isopropylbenzene	11.02	105	356835	19.781	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	111480	19.705	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	96504m	14.584	ug/l	
73) Bromobenzene	11.26	156	97883	19.521	ug/l	95
74) n-propylbenzene	11.37	91	404554	19.255	ug/l	99
75) 2-Chlorotoluene	11.42	91	243753	19.395	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	294252	19.277	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	27131	17.168	ug/l	96
78) 4-Chlorotoluene	11.51	91	279139	19.014	ug/l	97
79) tert-butylbenzene	12.07	119	304223	18.818	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	302624	19.510	ug/l	99
81) sec-Butylbenzene	11.95	105	347457	19.240	ug/l	99
82) p-Isopropyltoluene	12.07	119	304223	18.818	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	176073	18.952	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	178508	19.037	ug/l	98
85) n-Butylbenzene	12.39	91	255207	17.980	ug/l	100
86) Hexachloroethane	12.60	117	40087	16.845	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	177571	19.120	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20960	17.833	ug/l	89
89) 1,2,4-Trichlorobenzene	13.65	180	121615	18.239	ug/l	100
90) Hexachlorobutadiene	13.79	225	58021	17.760	ug/l	100
91) Naphthalene	13.84	128	361109	18.779	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	125977	18.636	ug/l	100

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ClientSampleId :
VSTDCCC020EC

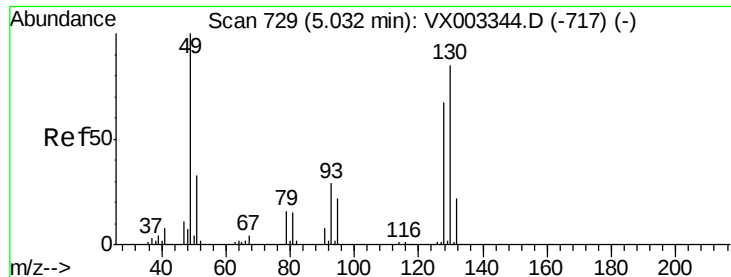
Manual Integrations
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7/13/2018 11:35:56 AM

Quant Time: Jul 12 19:16:30 2018
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QLast Update : Thu Jul 12 13:28:20 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

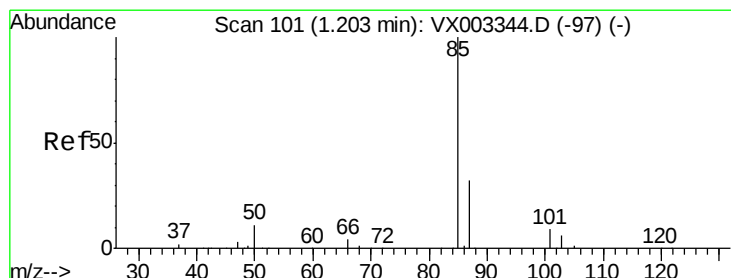
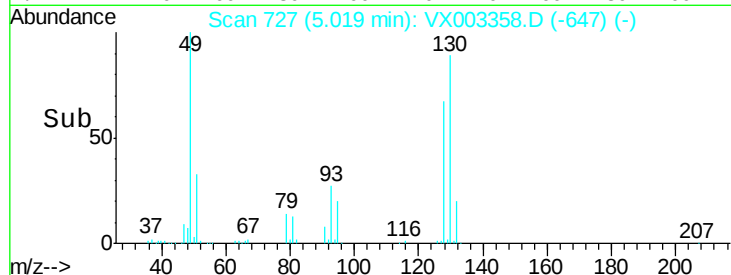
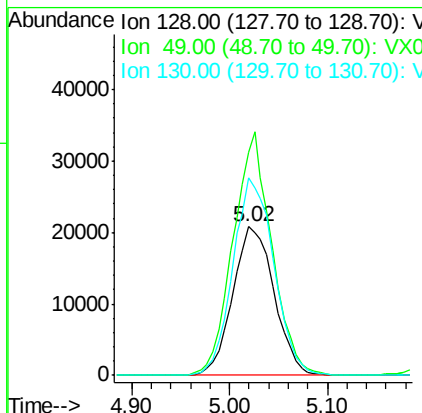
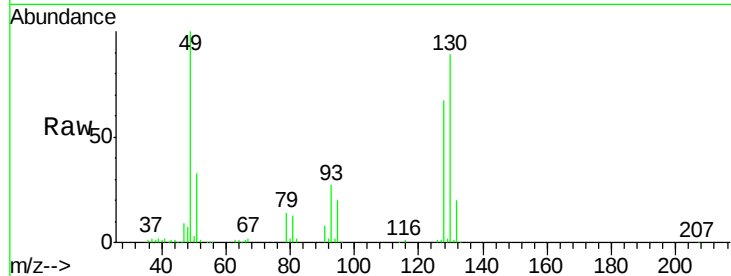
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	152.9	0.0	423.0
130	132.0	0.0	324.3

Manual Integrations
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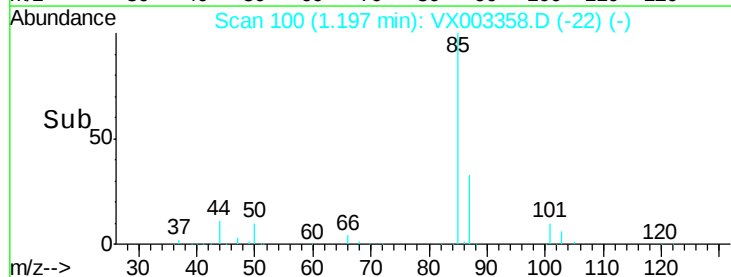
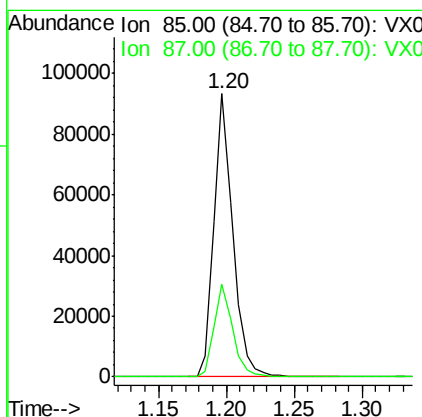
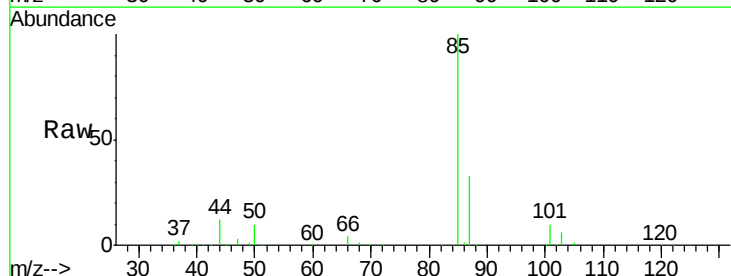
MMDadoda
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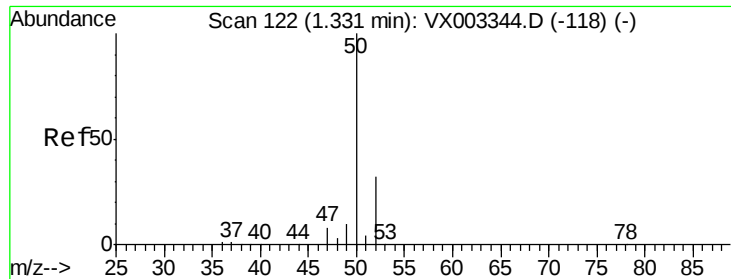


#2

Dichlorodifluoromethane
 Concen: 19.437 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.2	48.5





#3

Chloromethane

Concen: 18.199 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 83635

Ion Ratio Lower Upper

50 100

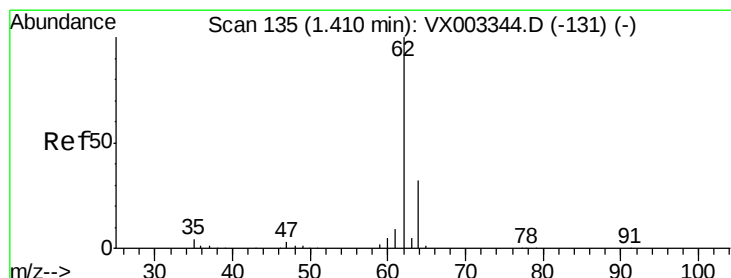
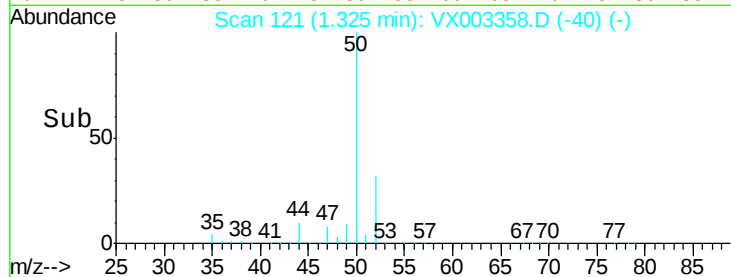
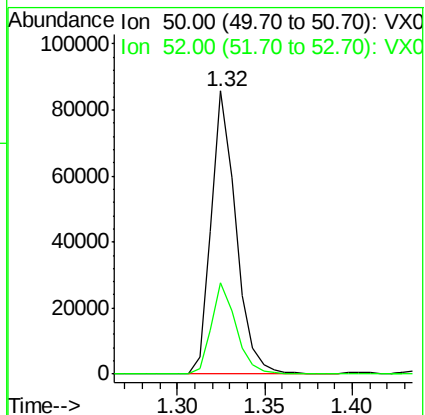
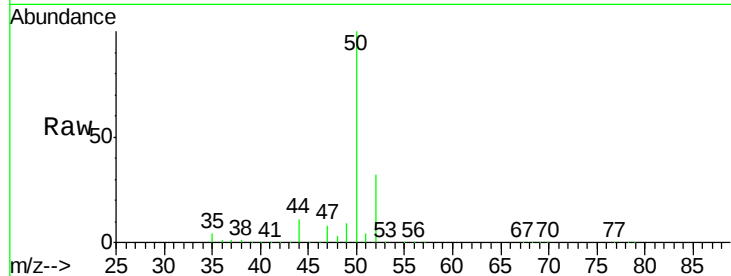
52 32.3 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.453 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003358.D

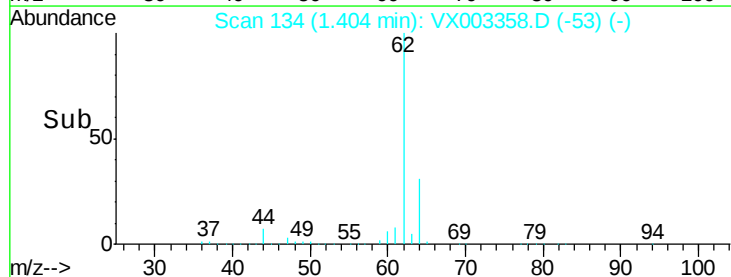
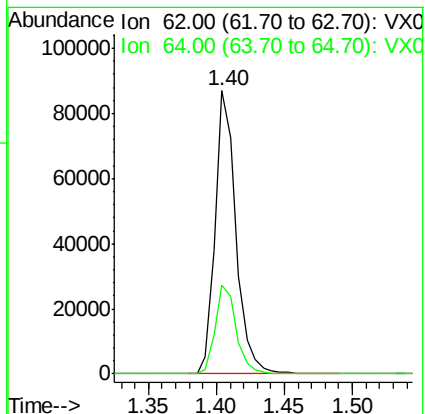
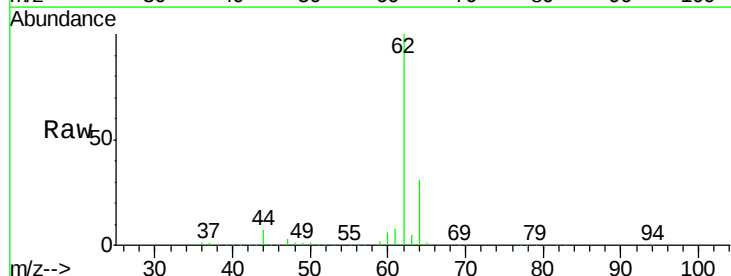
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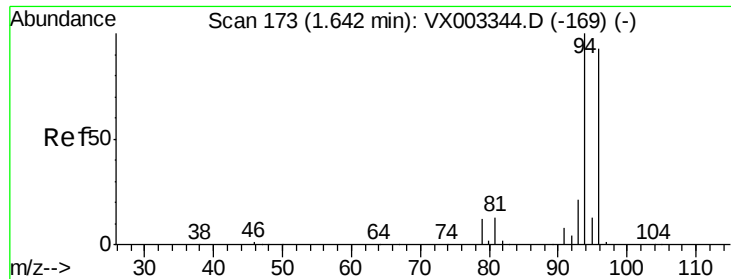
Tgt Ion: 62 Resp: 92461

Ion Ratio Lower Upper

62 100

64 31.3 25.3 37.9





#5

Bromomethane

Concen: 20.792 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 43197

Ion Ratio Lower Upper

94 100

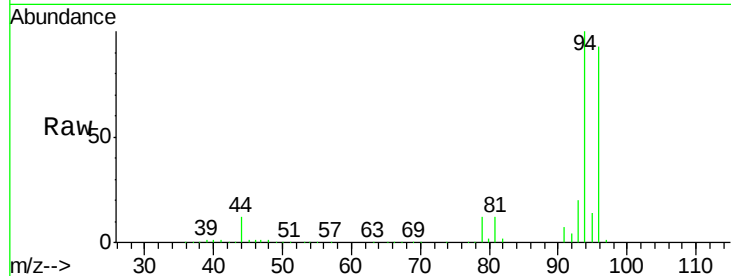
96 93.0 75.7 113.5

Manual Integrations

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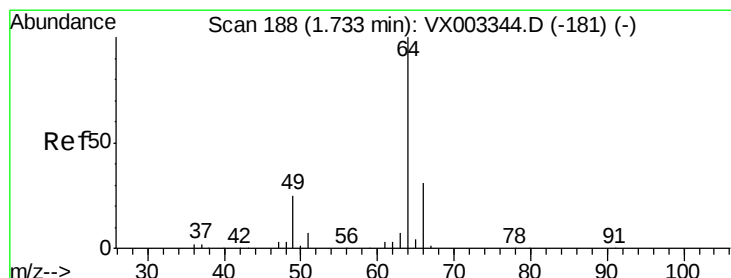
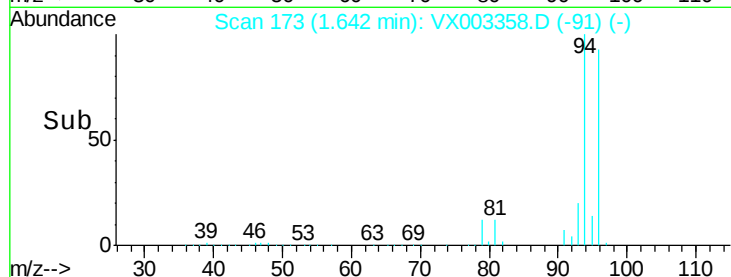
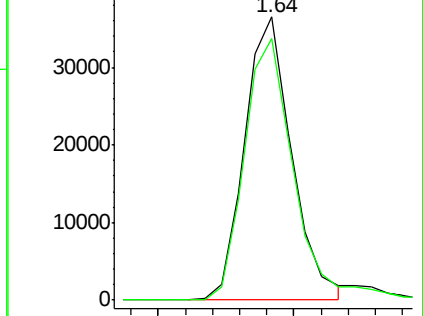
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.530 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX003358.D

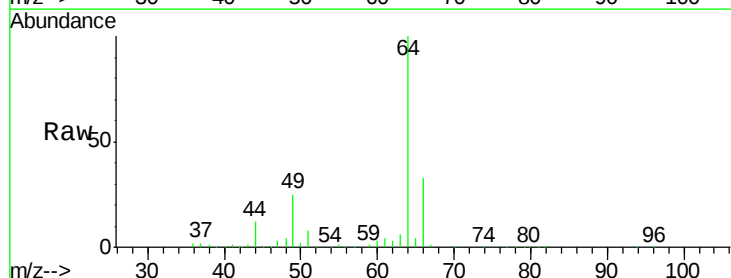
Acq: 12 Jul 2018 18:15

Tgt Ion: 64 Resp: 52351

Ion Ratio Lower Upper

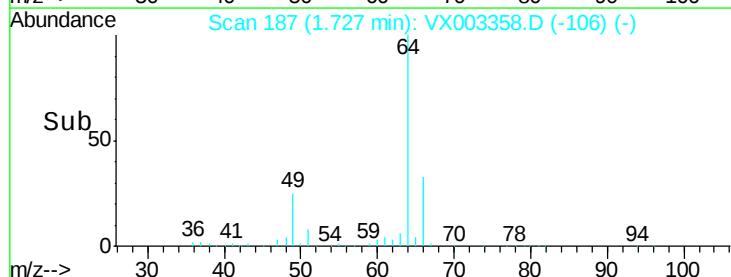
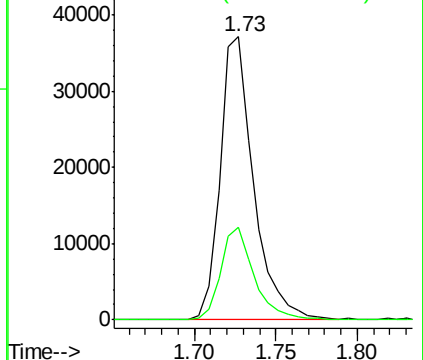
64 100

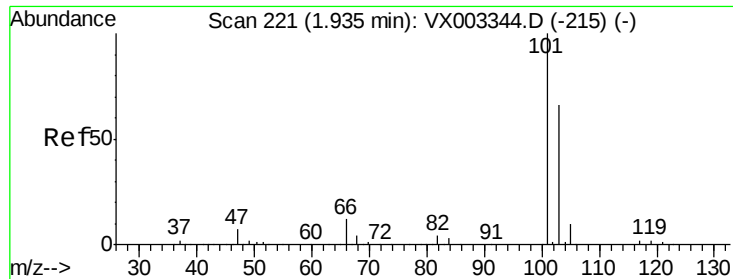
66 32.8 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

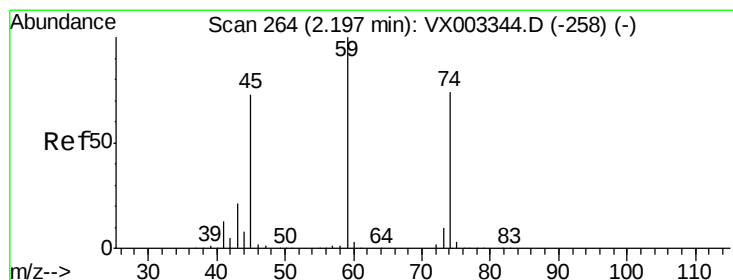
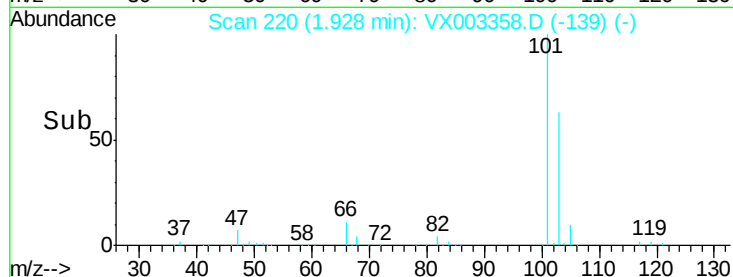
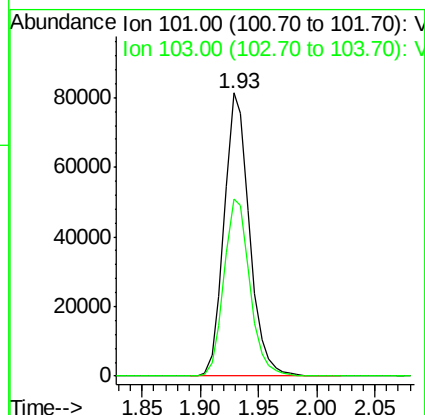
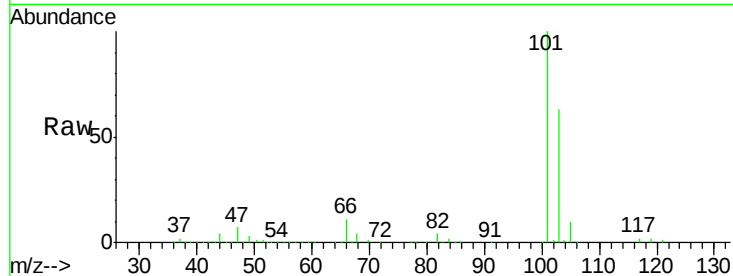
Trichlorofluoromethane
Concen: 18.272 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:101 Resp: 121972
Ion Ratio Lower Upper
101 100
103 62.7 51.5 77.3

Manual Integrations
APPROVED

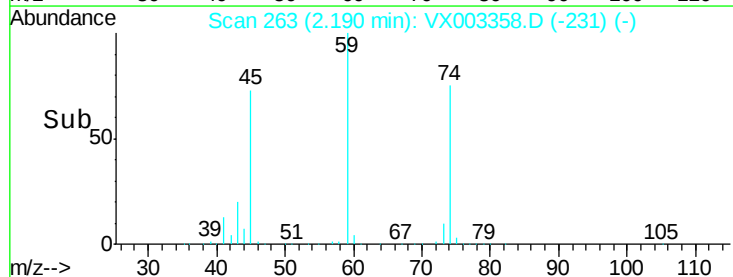
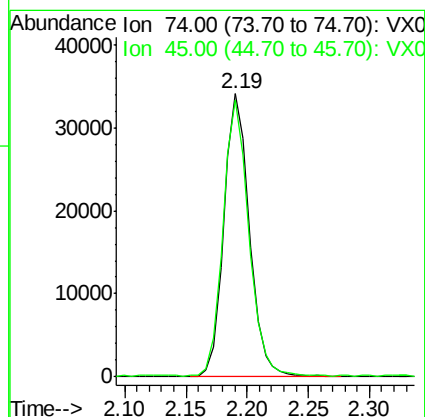
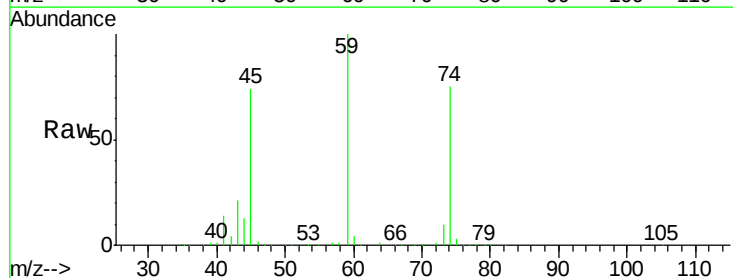
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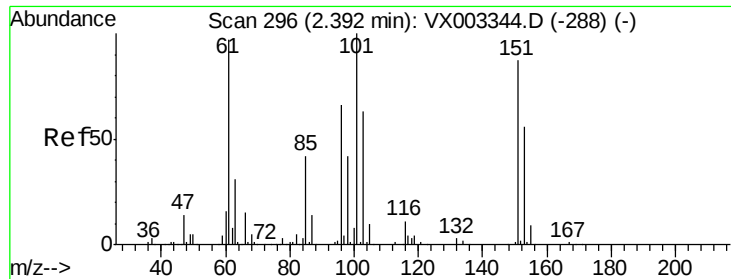


#8

Diethyl Ether
Concen: 18.094 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion: 74 Resp: 49394
Ion Ratio Lower Upper
74 100
45 98.2 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.003 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

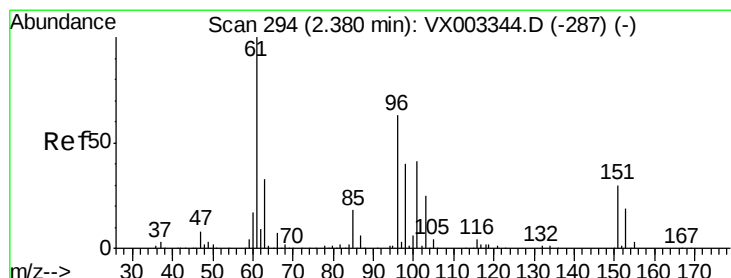
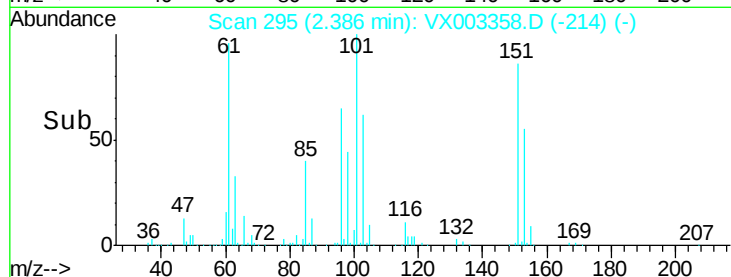
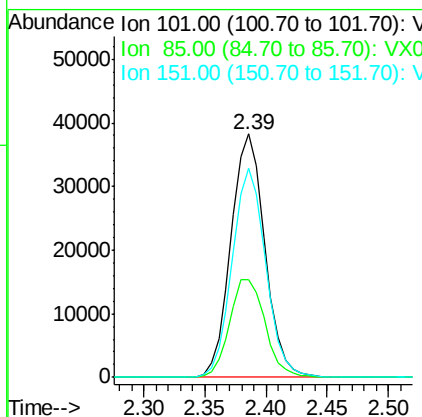
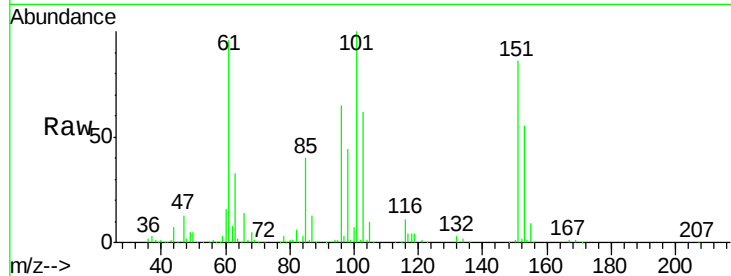
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	73566
Ion Ratio	Lower	Upper	
101	100		
85	42.0	0.0	87.0
151	84.9	0.0	177.6

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#10

1,1-Dichloroethene

Concen: 18.064 ug/l

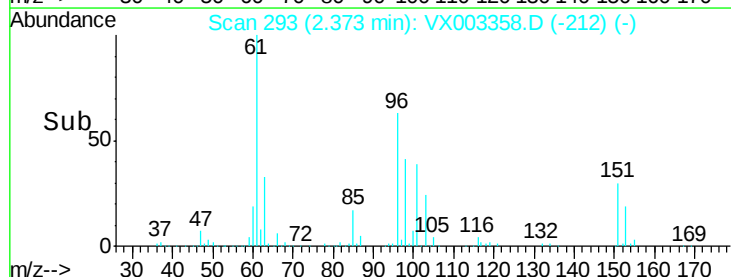
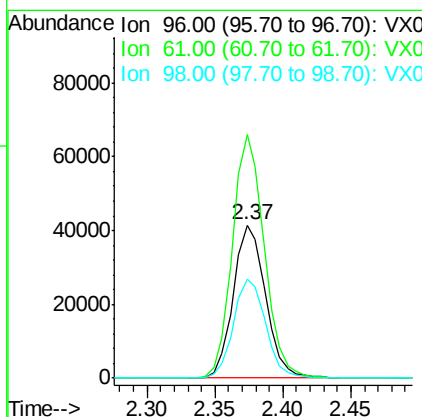
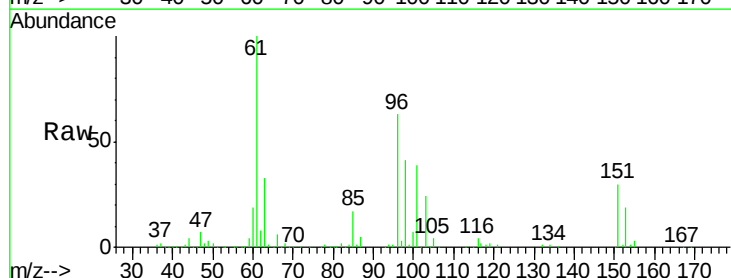
RT: 2.37 min Scan# 293

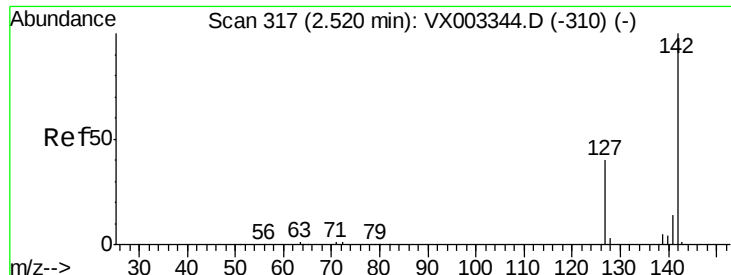
Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Tgt Ion:	96	Resp:	68490
Ion Ratio	Lower	Upper	
96	100		
61	159.2	137.5	206.3
98	64.7	51.4	77.2





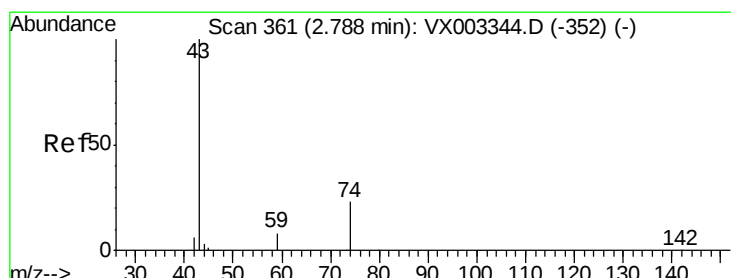
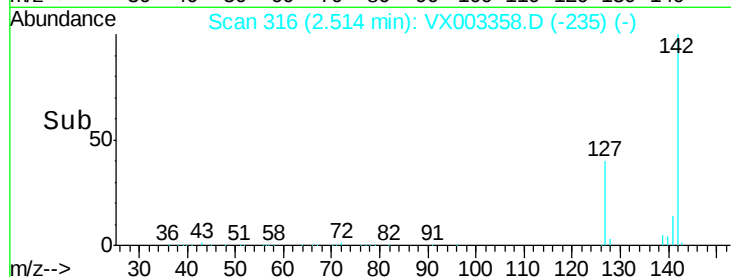
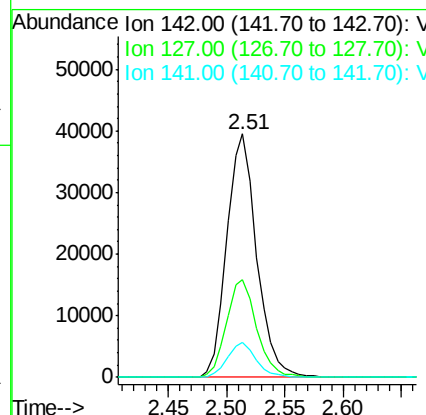
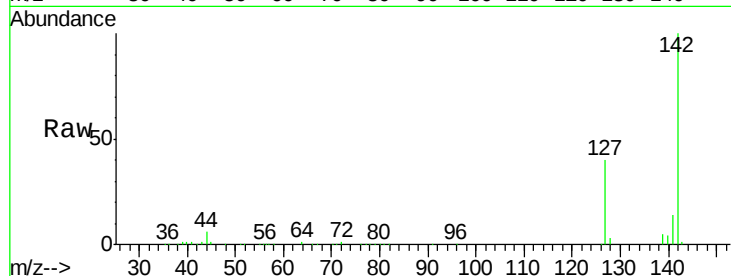
#11
Methvl Iodide
Concen: 20.732 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.9	23.2	69.6
141	14.1	7.4	22.2

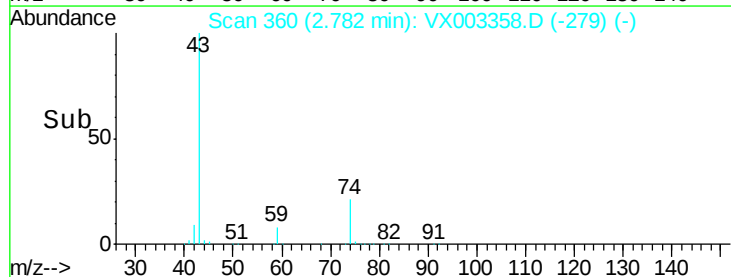
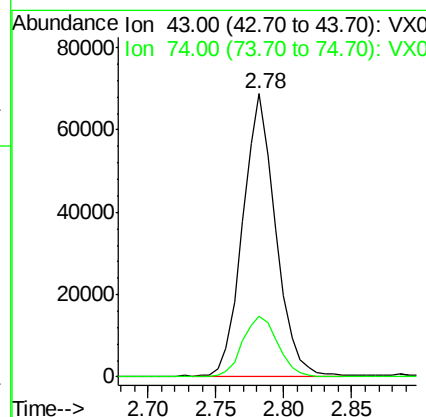
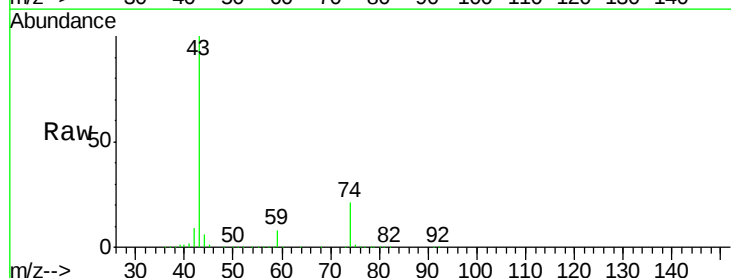
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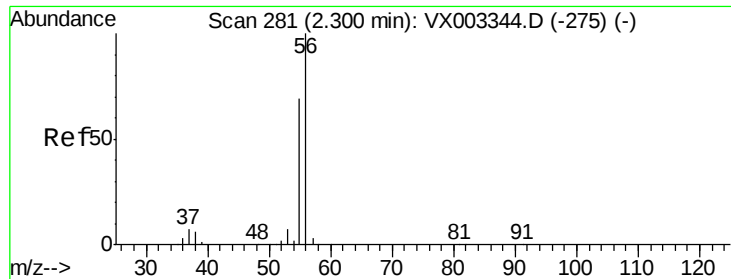
MMDadoda
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#12
Methyl Acetate
Concen: 18.687 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.4	24.6





#13

Acrolein

Concen: 85.814 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 41045

Ion Ratio Lower Upper

56 100

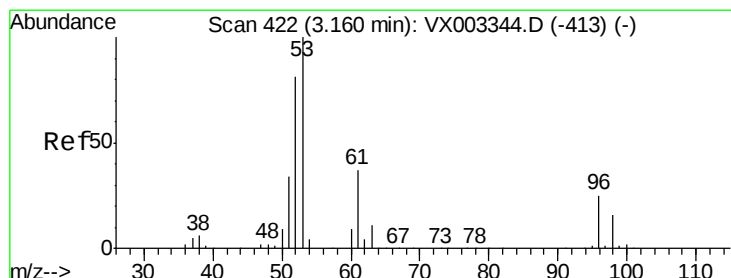
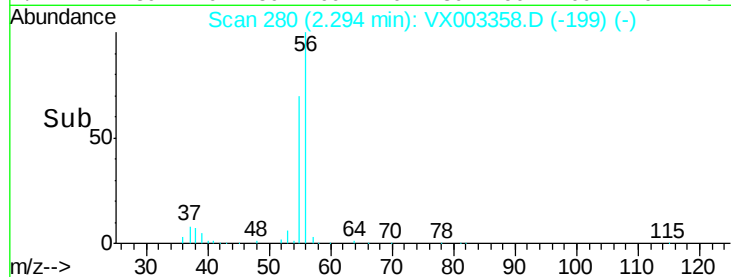
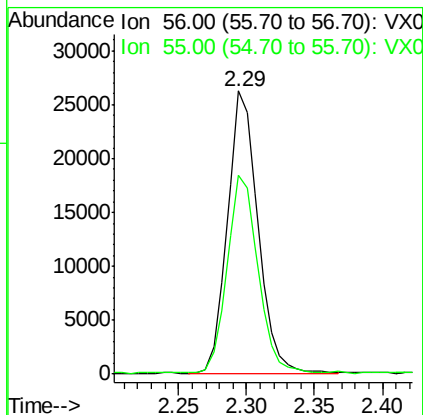
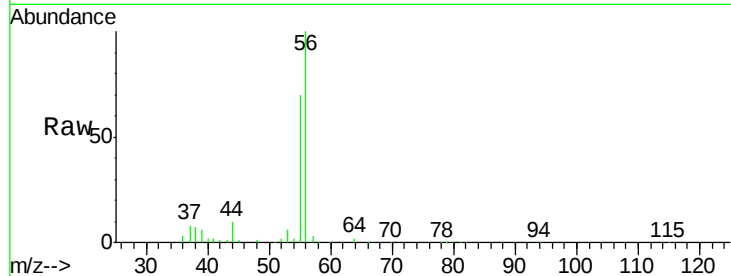
55 70.2 57.3 85.9

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#14

Acrylonitrile

Concen: 88.811 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

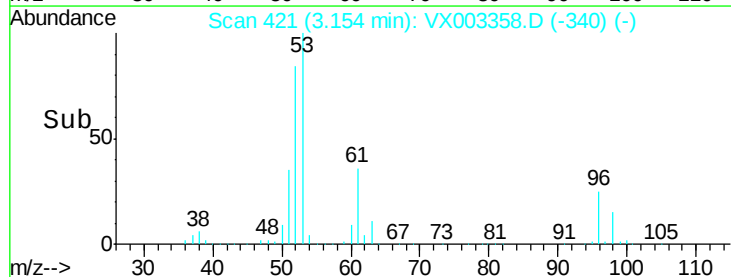
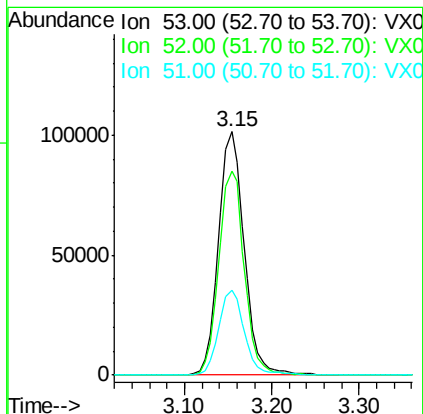
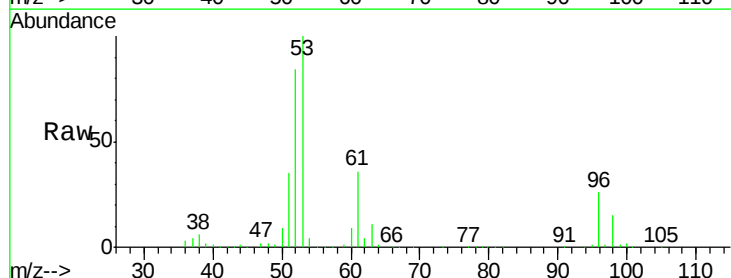
Tgt Ion: 53 Resp: 205741

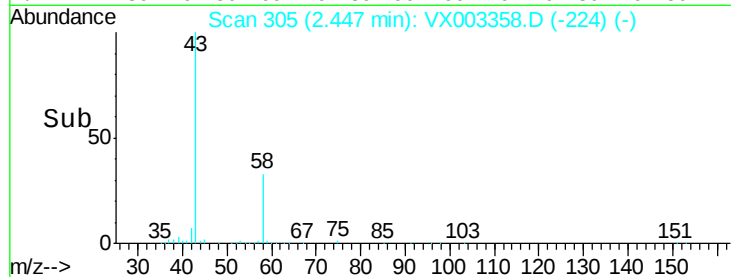
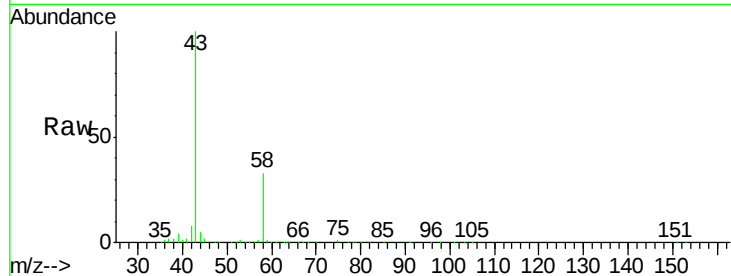
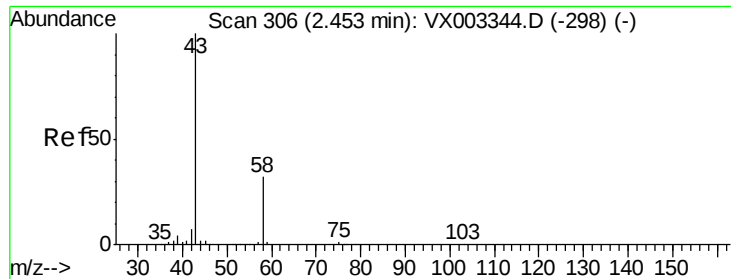
Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.6

51 35.2 17.9 53.8





#15

Acetone

Concen: 87.793 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Tot Ion: 58 Resp: 53317

Ion Ratio Lower Upper

58 100

43 300.5 278.8 418.2

Instrument :

MSVOA_X

ClientSampleId :

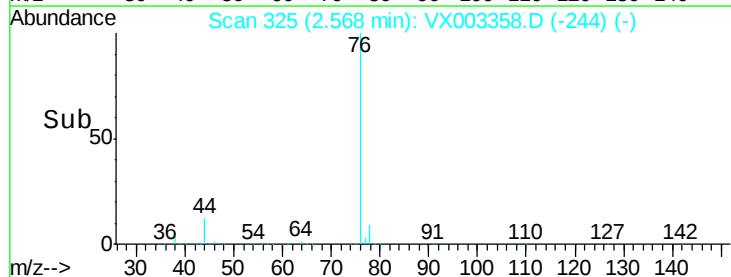
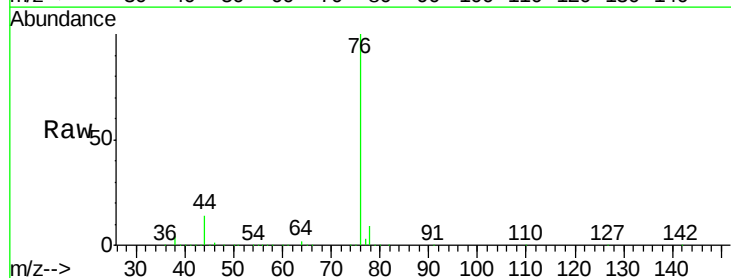
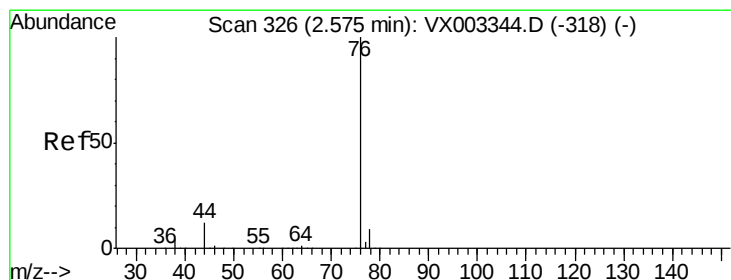
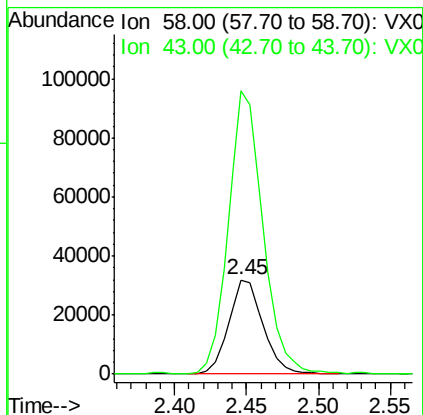
VSTDCCC020EC

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#16

Carbon Disulfide

Concen: 17.311 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX003358.D

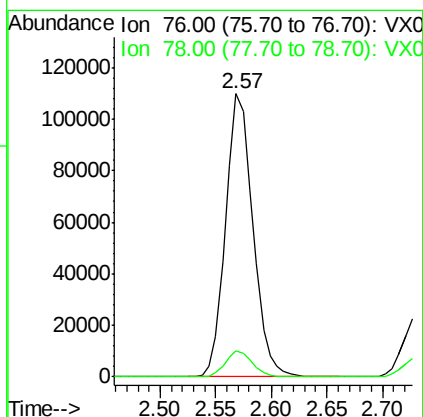
Acq: 12 Jul 2018 18:15

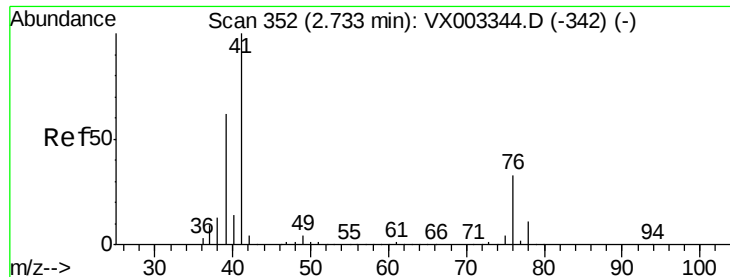
Tgt Ion: 76 Resp: 187487

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#17

Allvl chloride

Concen: 17.070 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

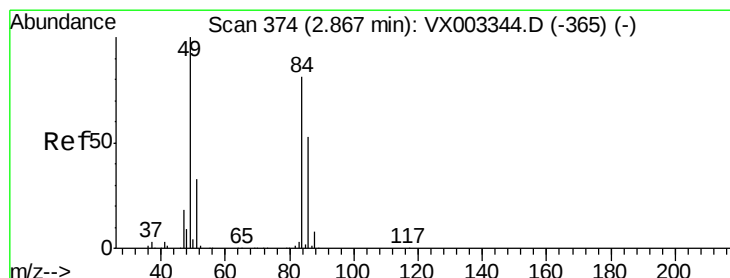
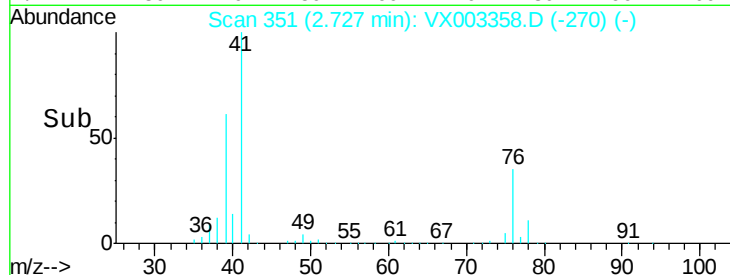
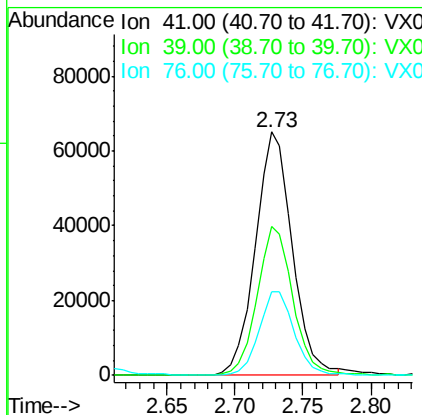
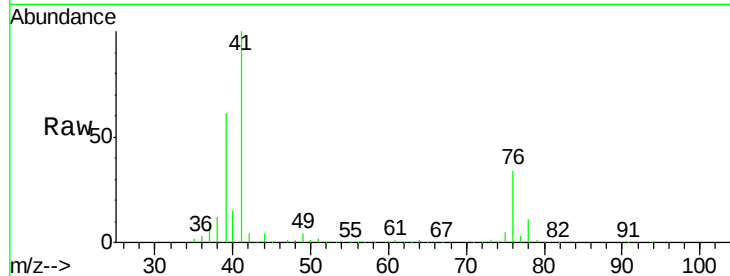
ClientSampleId :

VSTDCCC020EC

Tot Ion:	41	Resp:	123109
Ion	Ratio	Lower	Upper
41	100		
39	61.3	34.6	103.8
76	34.1	15.0	45.1

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#18

Methylene Chloride

Concen: 17.469 ug/l

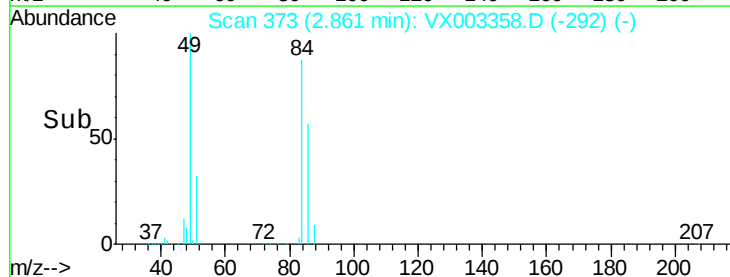
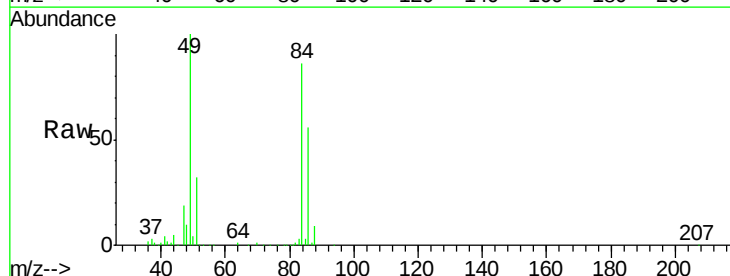
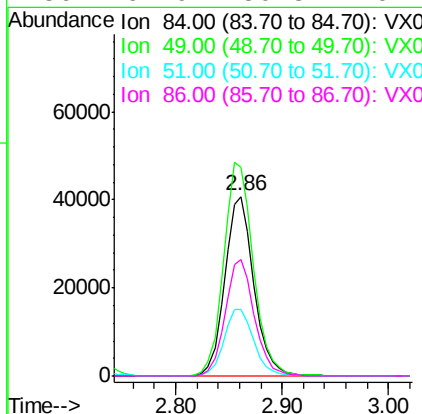
RT: 2.86 min Scan# 373

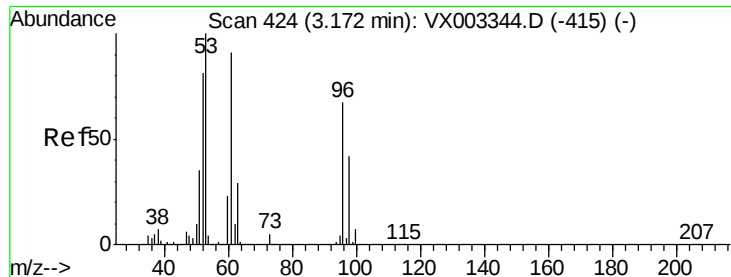
Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Tgt Ion:	84	Resp:	77728
Ion	Ratio	Lower	Upper
84	100		
49	116.1	104.7	157.1
51	36.8	31.0	46.4
86	64.9	50.8	76.2





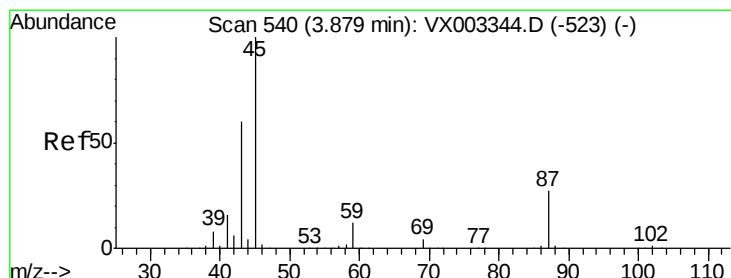
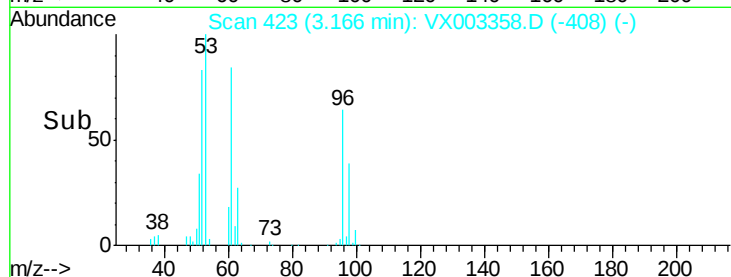
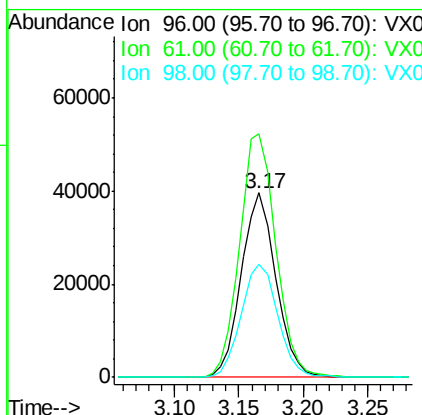
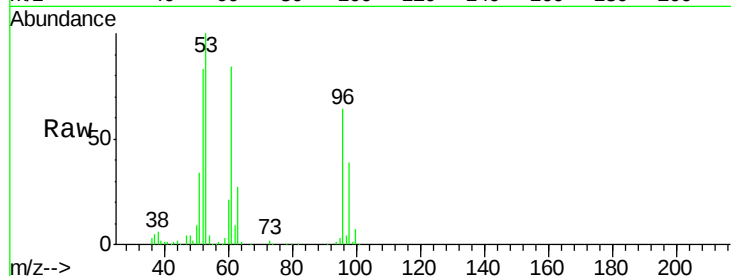
#19
trans-1,2-Dichloroethene
Concen: 18.040 ug/l
RT: 3.17 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	114.6	172.0
98	61.3	51.3	76.9

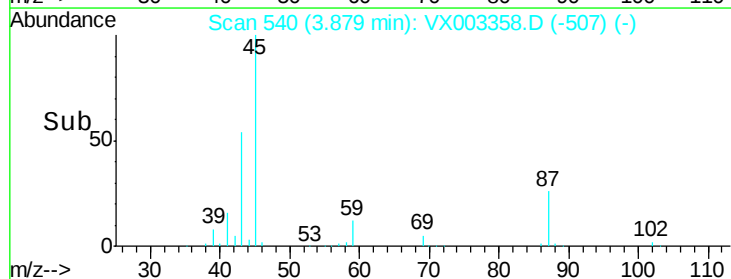
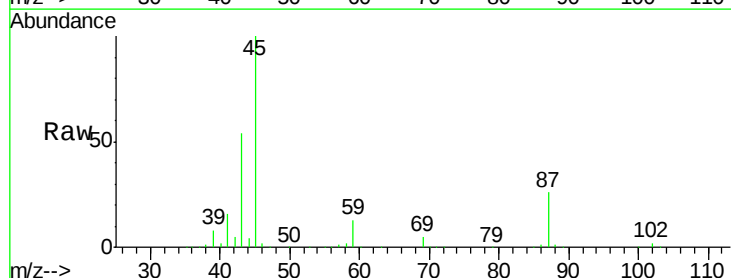
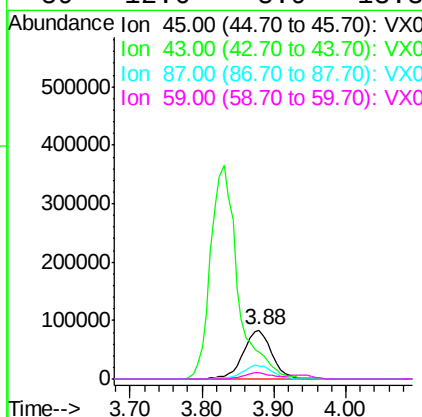
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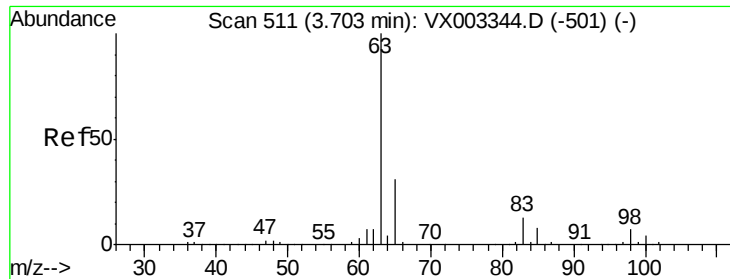
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#20
Diisopropyl ether
Concen: 17.568 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.8	45.6	68.4
87	26.5	20.7	31.1
59	12.6	8.9	13.3





#21

1,1-Dichloroethane

Concen: 17.824 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

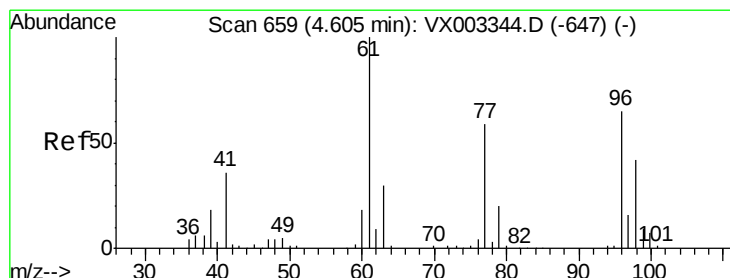
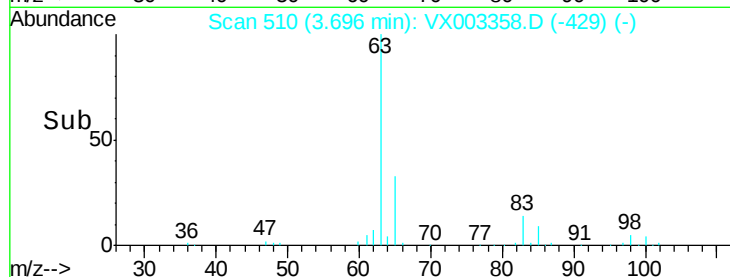
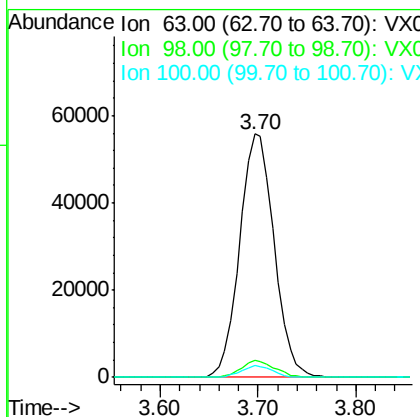
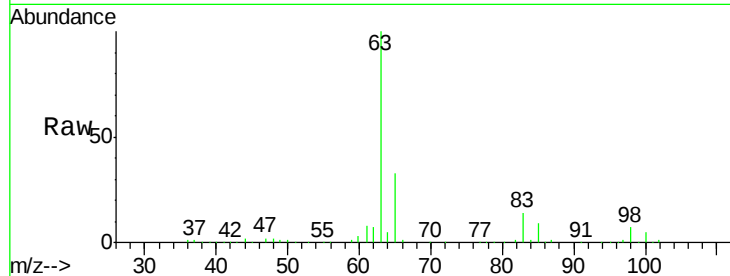
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	136221
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.1	9.3
100	4.6	2.2	6.6

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#22

cis-1,2-Dichloroethene

Concen: 18.728 ug/l

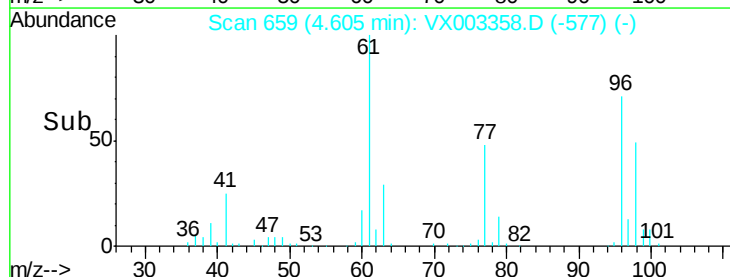
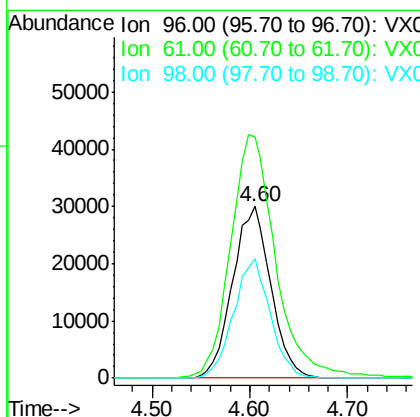
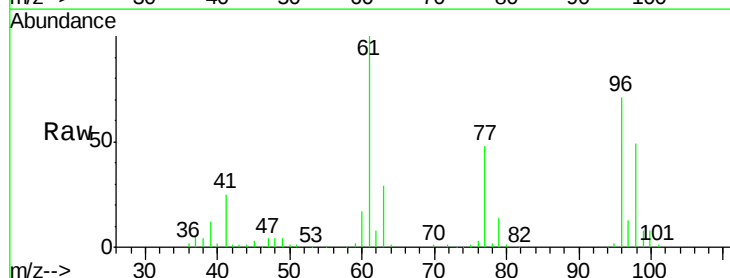
RT: 4.60 min Scan# 659

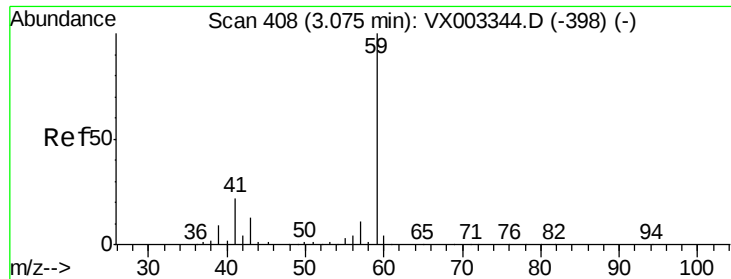
Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Tgt Ion:	96	Resp:	81416
Ion Ratio	Lower	Upper	
96	100		
61	167.3	160.2	240.2
98	66.4	54.1	81.1





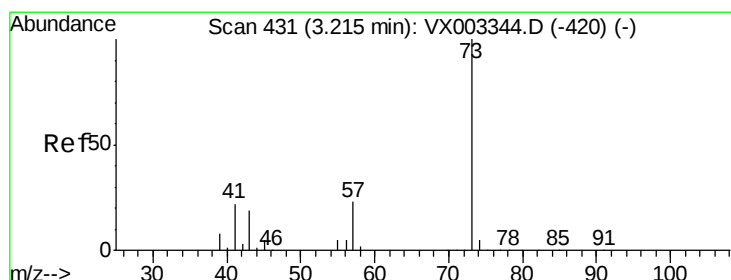
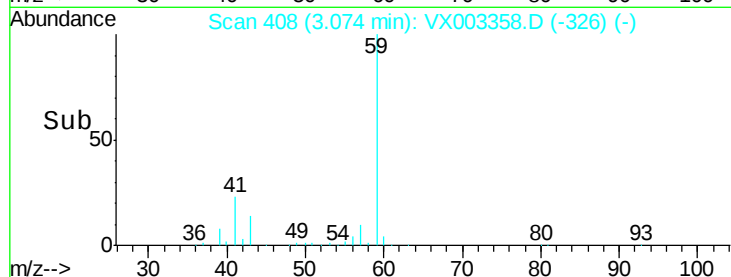
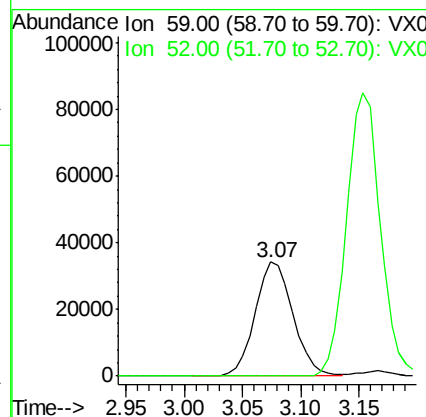
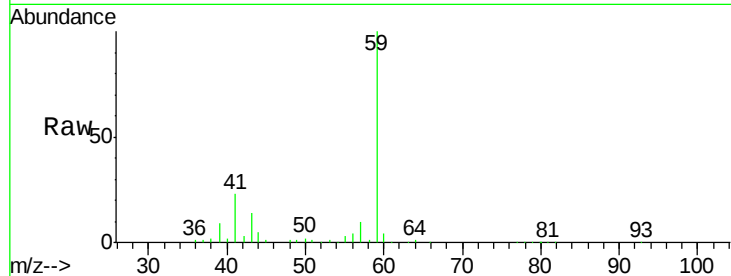
#23
 tert-Butyl Alcohol
 Concen: 80.998 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 59 Resp: 77909
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

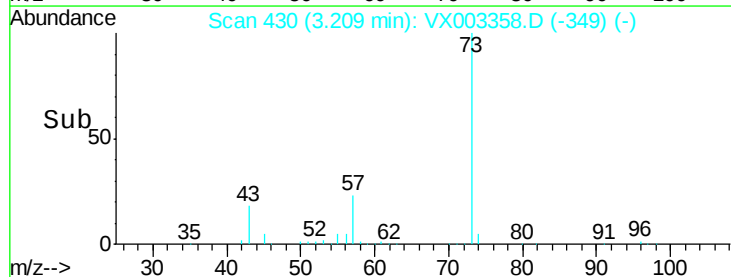
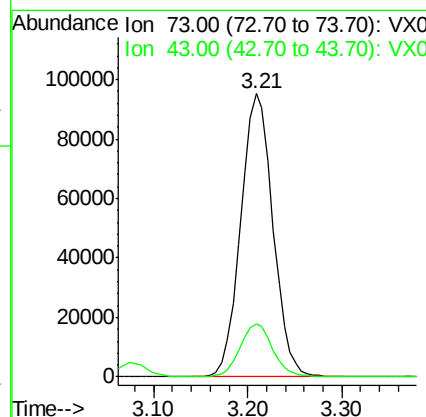
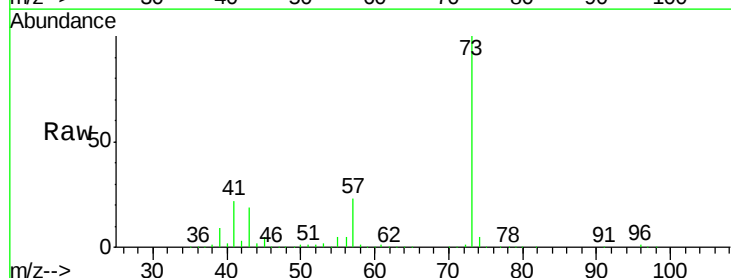
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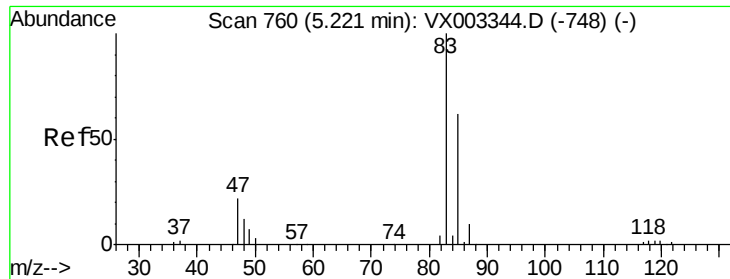
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#24
 Methyl tert-Butyl Ether
 Concen: 17.863 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Tgt Ion: 73 Resp: 226197
 Ion Ratio Lower Upper
 73 100
 43 18.8 19.0 28.4#





#25

Chloroform

Concen: 19.053 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 131133

Ion Ratio Lower Upper

83 100

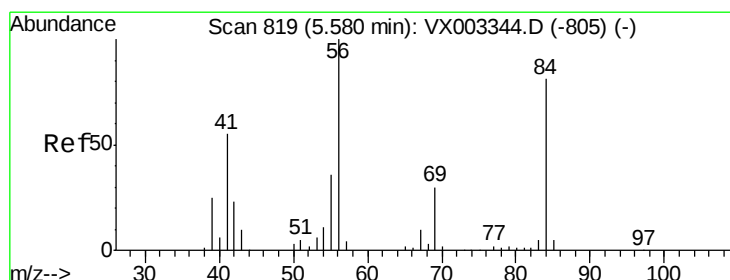
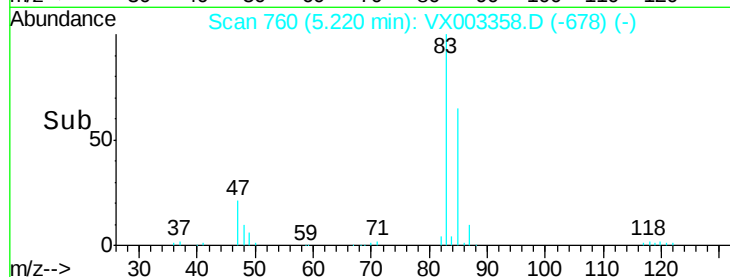
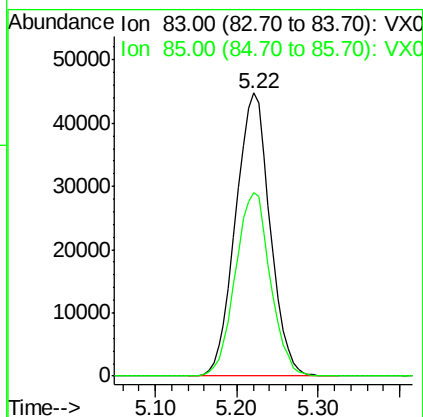
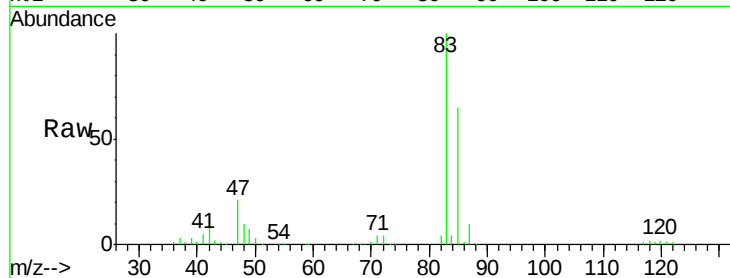
85 64.6 51.9 77.9

Manual Integrations

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#26

Cyclohexane

Concen: 19.260 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

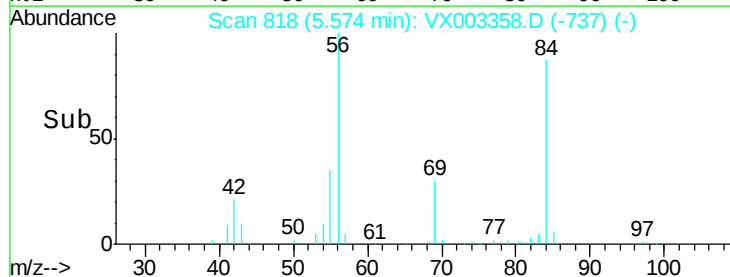
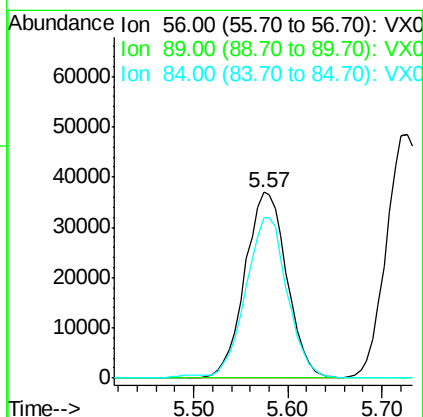
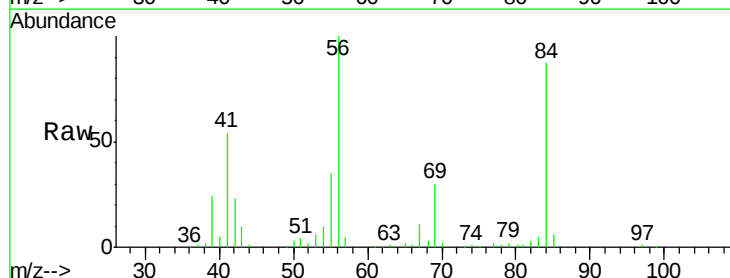
Tgt Ion: 56 Resp: 114908

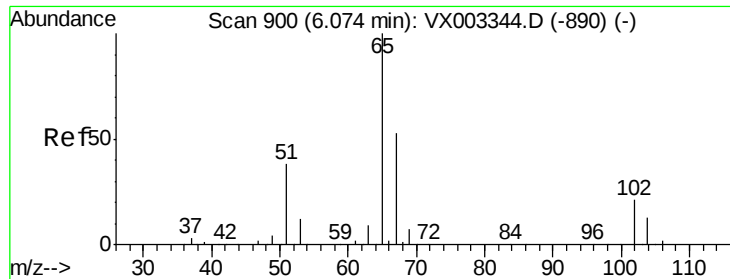
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 85.7 64.9 97.3





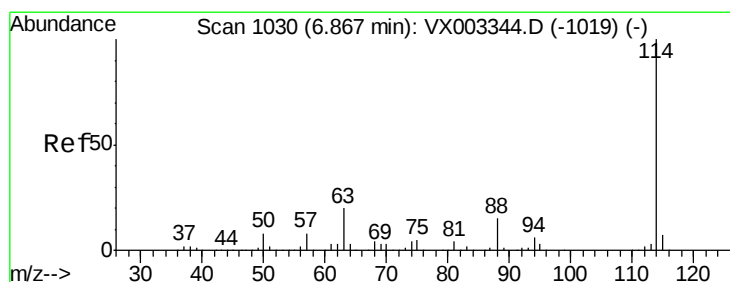
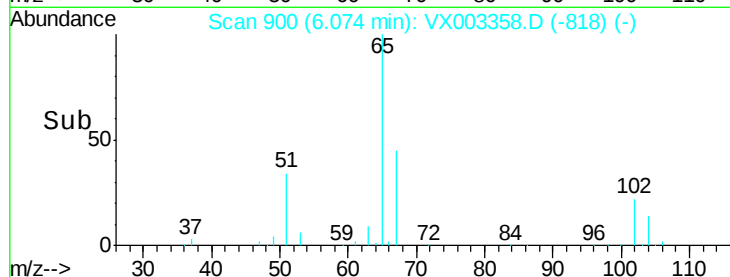
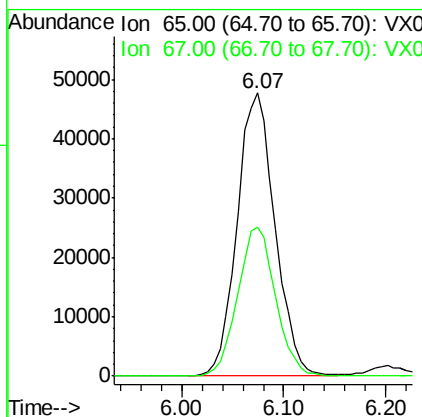
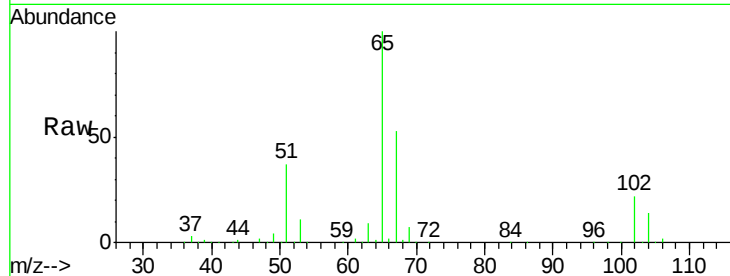
#27
 1,2-Dichloroethane-d4
 Concen: 29.500 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	40.9	61.3

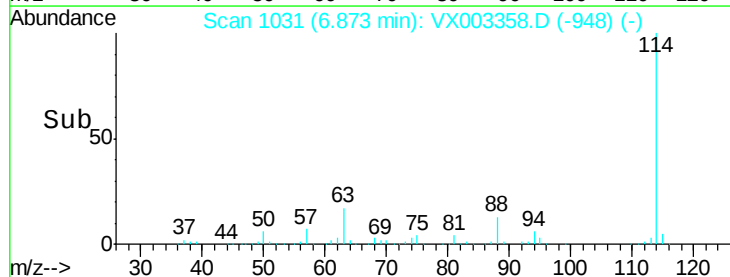
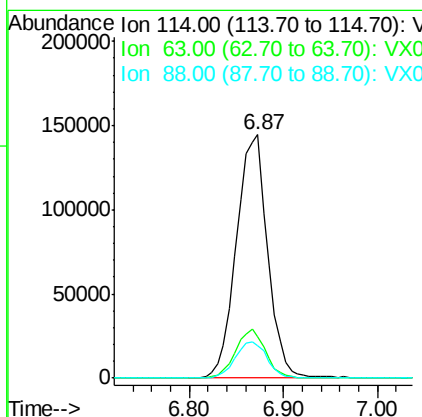
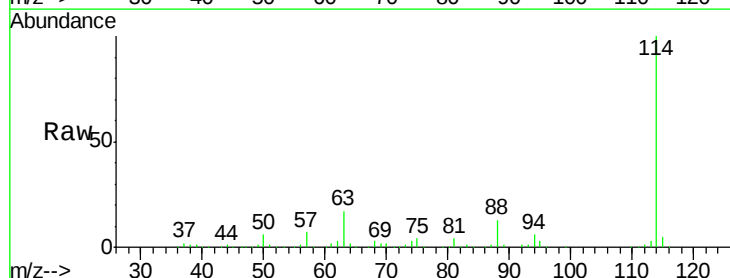
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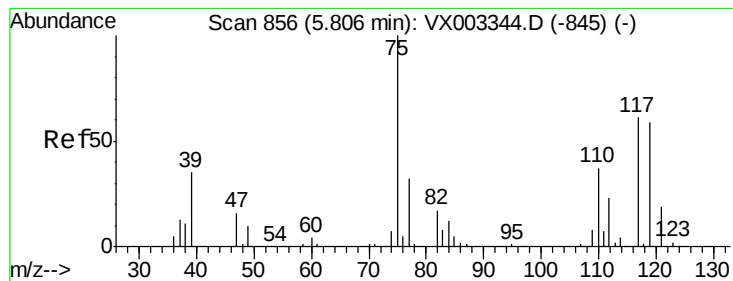
MMDadoda
 7/13/2018 11:35:56 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	17.1	25.7
88	15.2	12.6	19.0





#29

1,1-Dichloropropene

Concen: 18.633 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

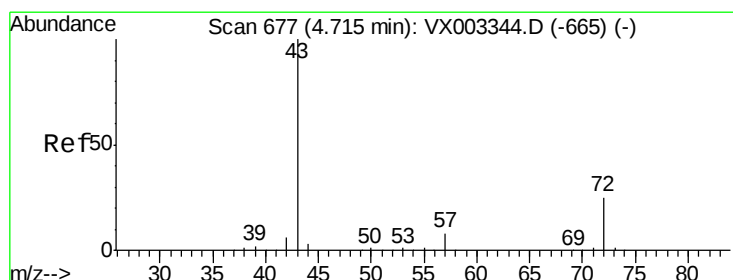
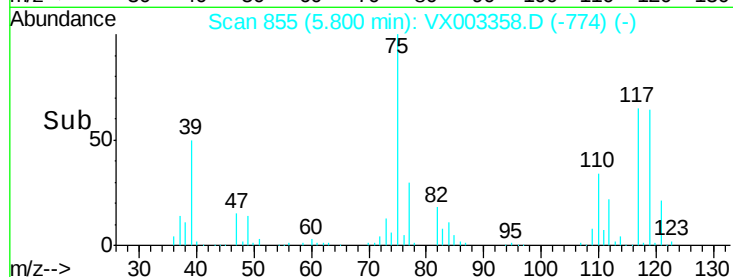
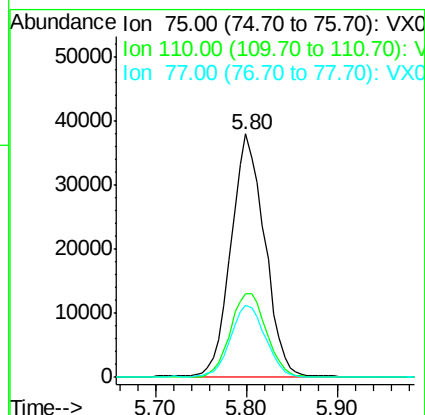
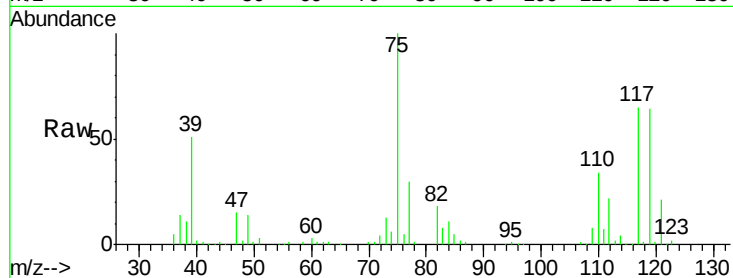
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	98485
Ion Ratio	Lower	Upper	
75	100		
110	36.9	0.0	71.4
77	30.9	0.0	60.6

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#30

2-Butanone

Concen: 87.300 ug/l

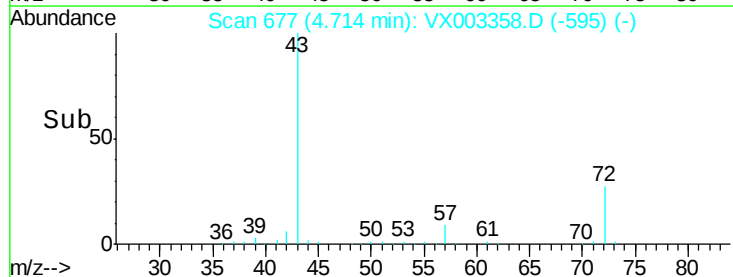
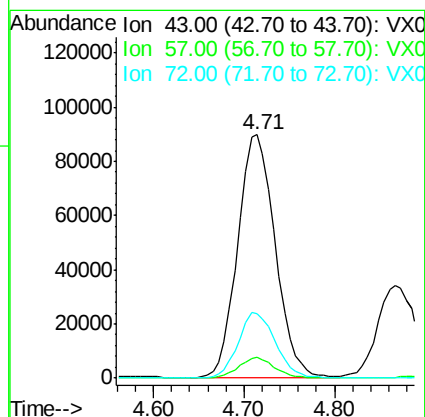
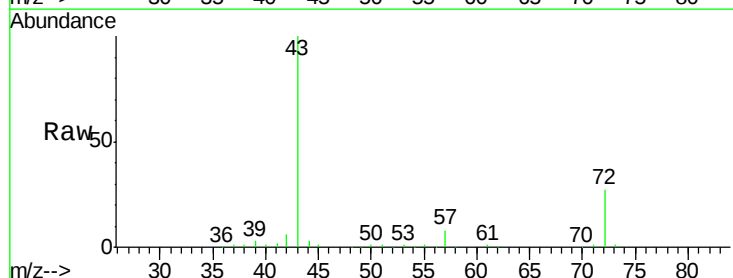
RT: 4.71 min Scan# 677

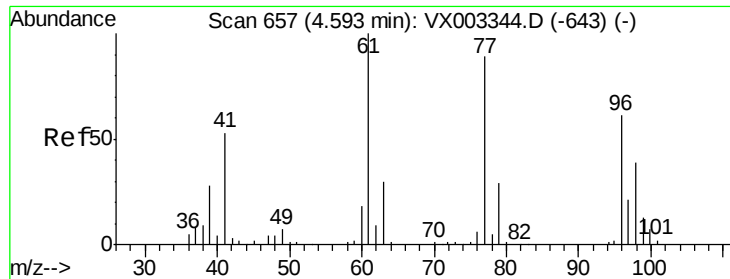
Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Tgt Ion:	43	Resp:	257829
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.1	9.1
72	26.8	18.1	27.1





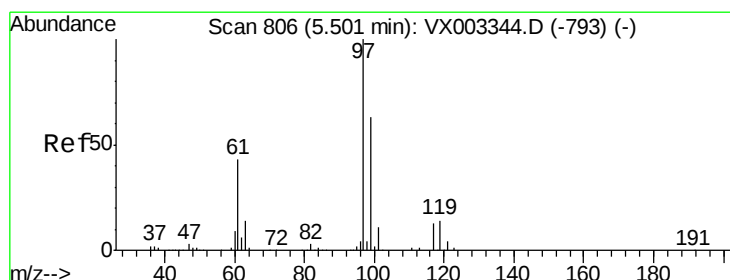
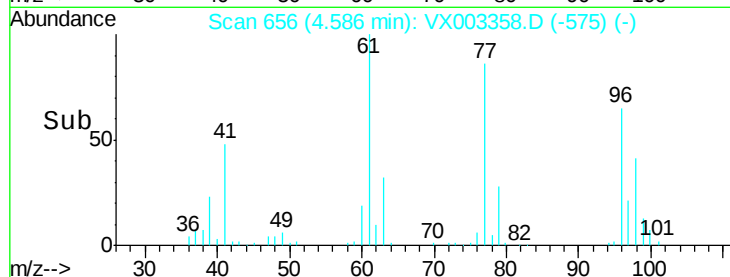
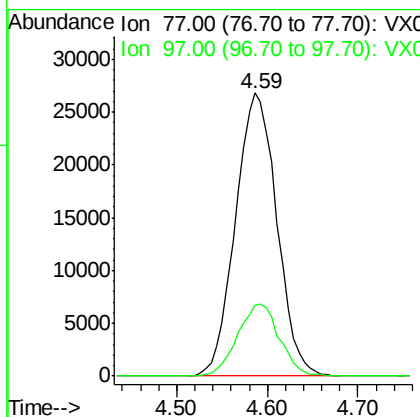
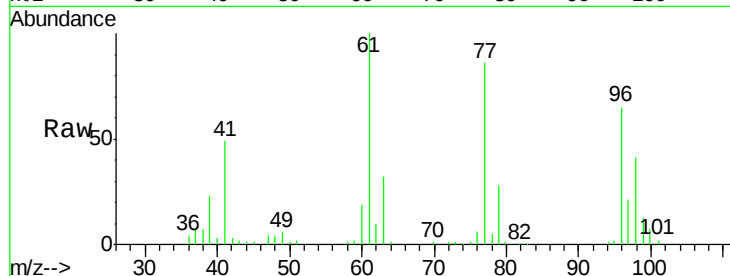
#31
 2,2-Dichloropropane
 Concen: 14.850 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 77 Resp: 84772
 Ion Ratio Lower Upper
 77 100
 97 25.6 18.7 28.1

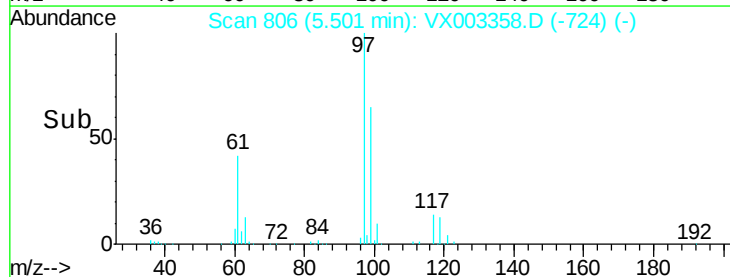
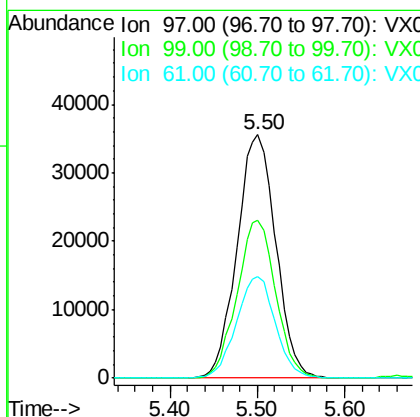
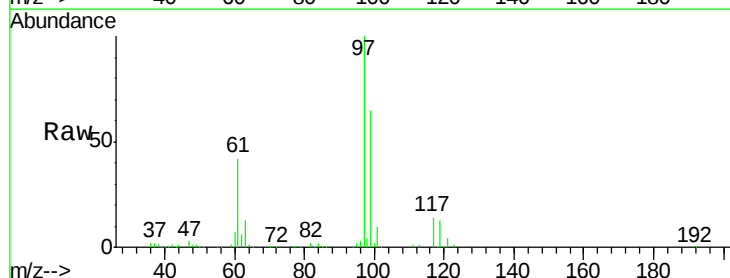
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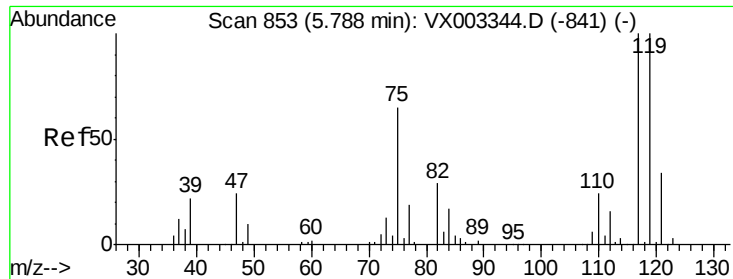
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#32
 1,1,1-Trichloroethane
 Concen: 18.299 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Tgt Ion: 97 Resp: 109498
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.7 77.5
 61 41.9 36.4 54.6





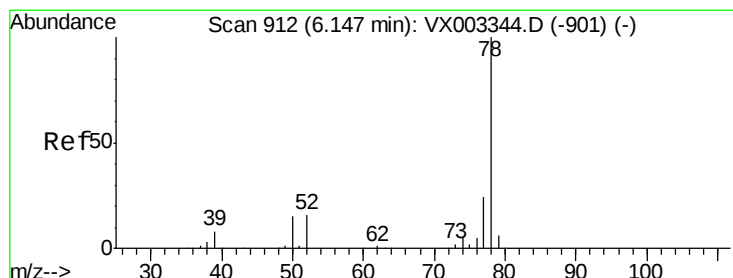
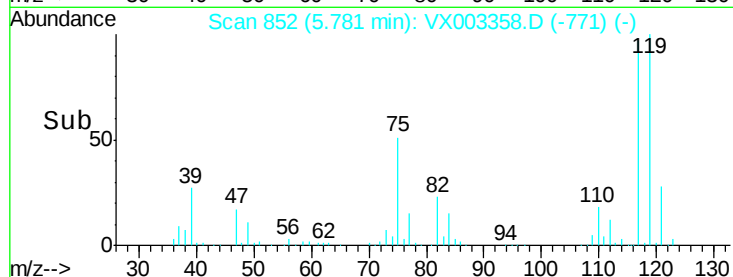
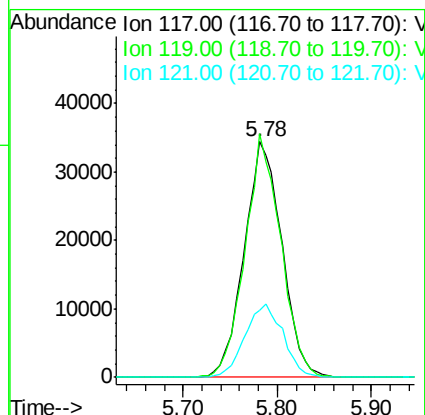
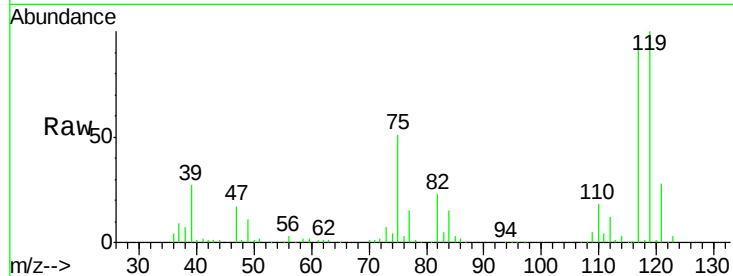
#33
Carbon Tetrachloride
Concen: 18.410 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 96682
Ion Ratio Lower Upper
117 100
119 103.4 73.3 109.9
121 28.5 23.6 35.4

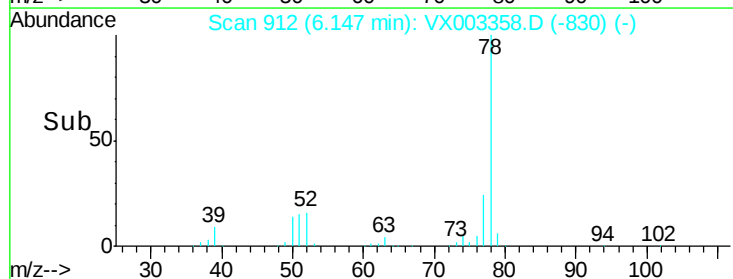
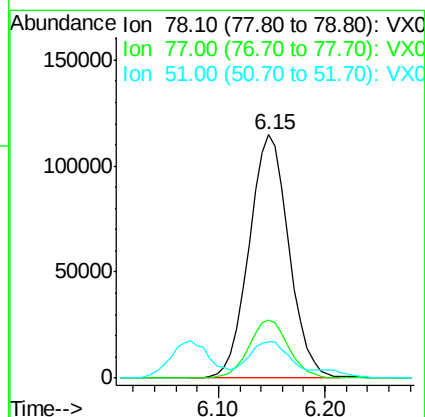
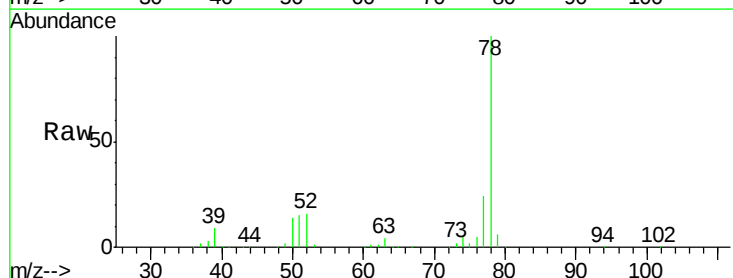
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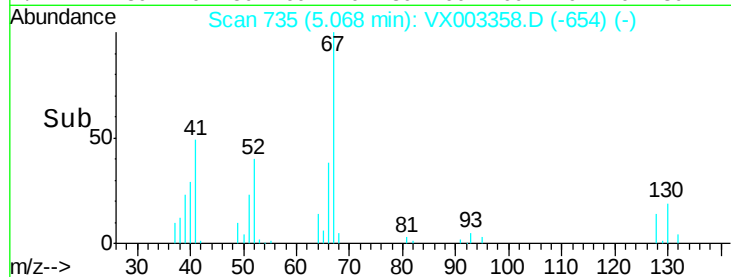
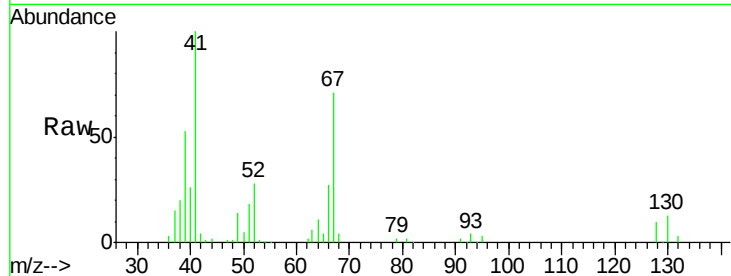
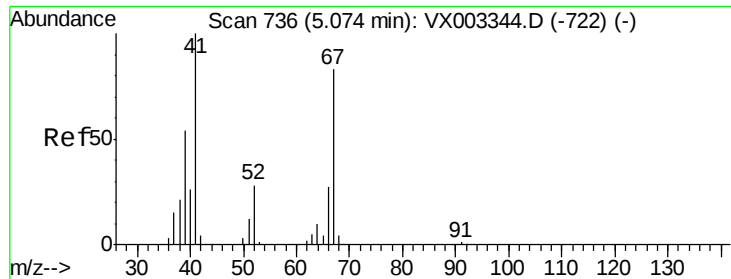
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#34
Benzene
Concen: 19.315 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion: 78 Resp: 300622
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0
51 12.7 13.8 20.6#





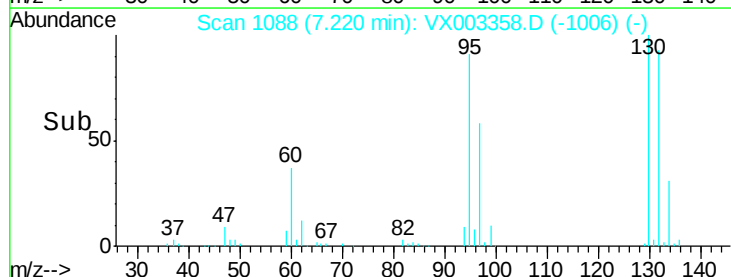
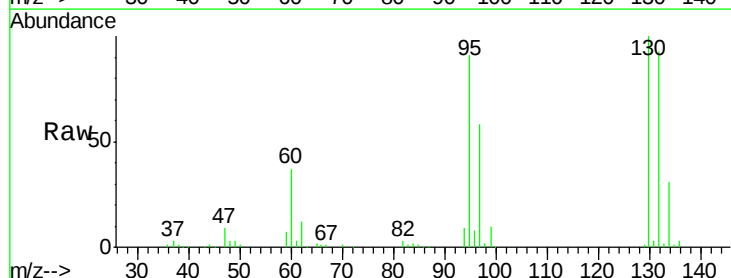
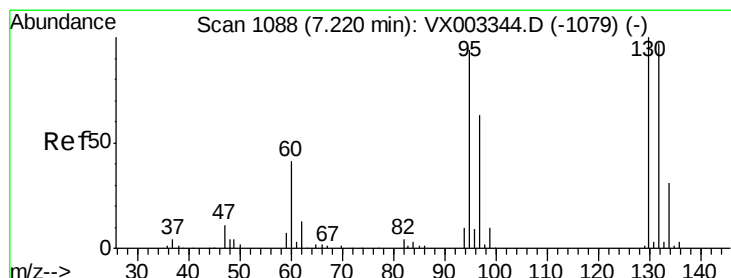
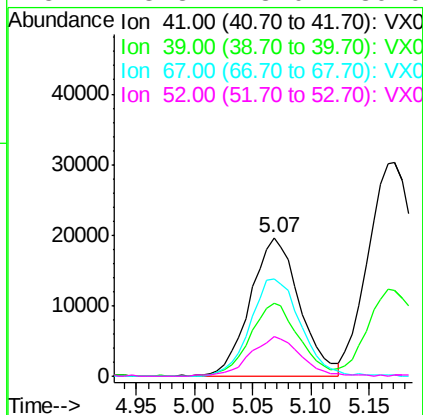
#35
Methacrylonitrile
Concen: 18.366 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.8	28.8	86.5		
67	70.8	30.4	91.2		
52	28.3	13.0	39.0		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

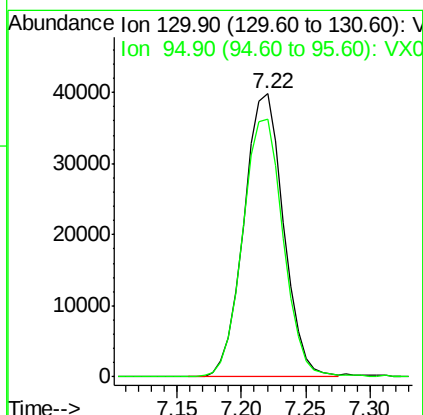
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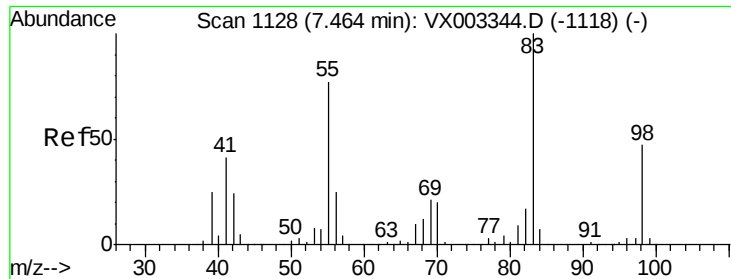
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#37
Trichloroethene
Concen: 19.716 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
130	100				
95	91.1	81.5	122.3		





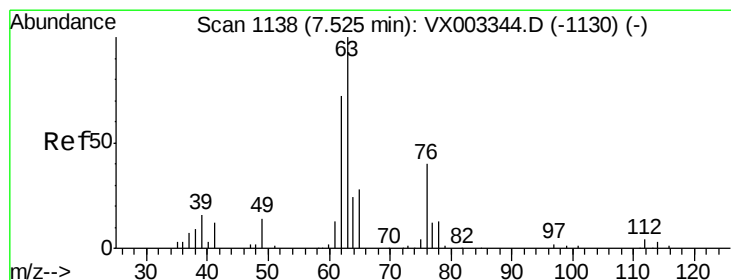
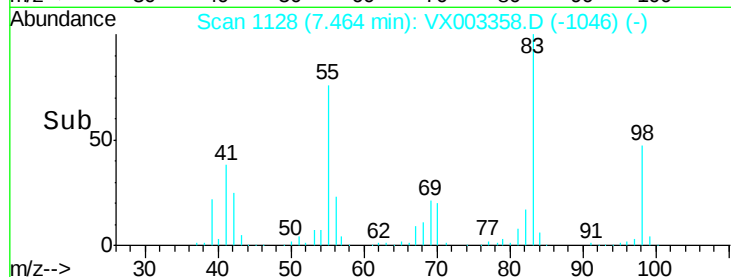
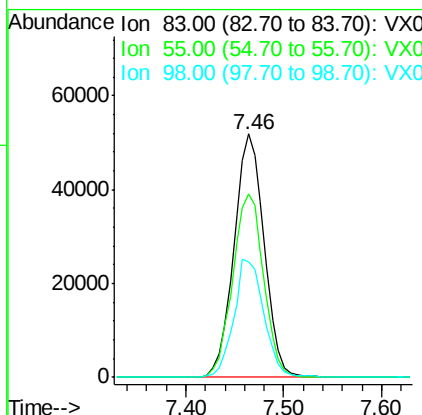
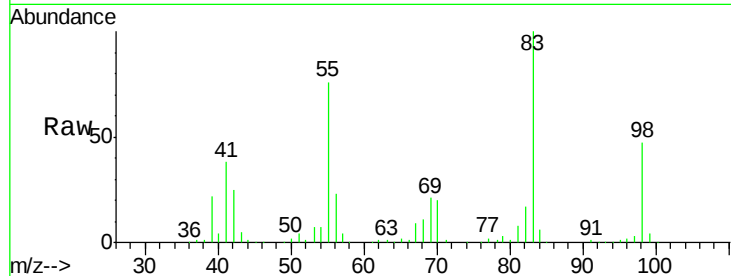
#38
Methvlcvclohexane
Concen: 18.571 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	40.6	121.8
98	48.1	23.5	70.5

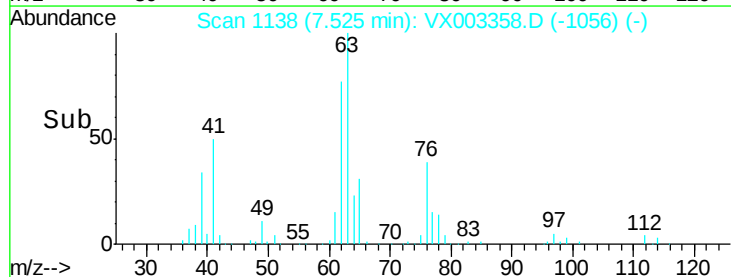
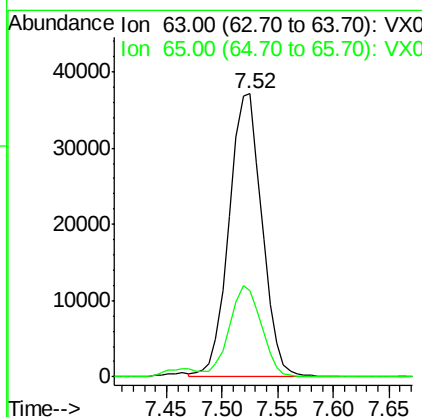
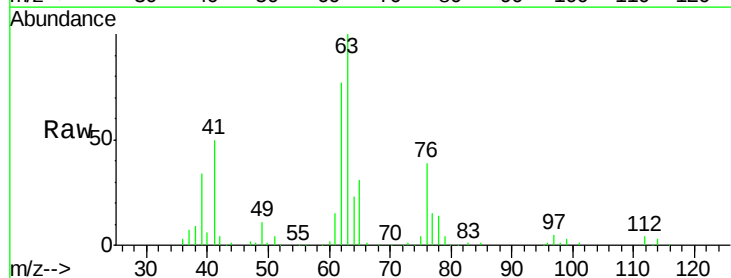
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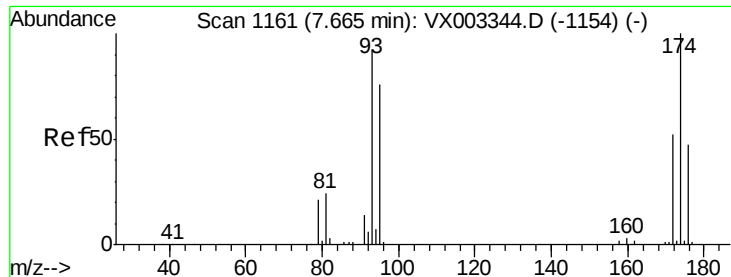
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#39
1,2-Dichloropropane
Concen: 19.035 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.7	23.3	34.9





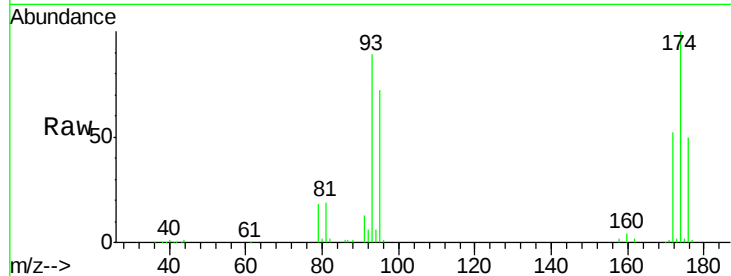
#40
Dibromomethane
Concen: 18.931 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

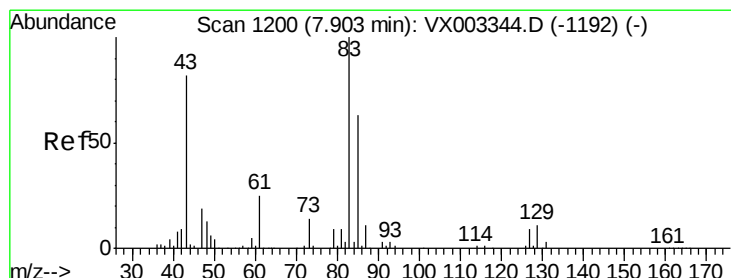
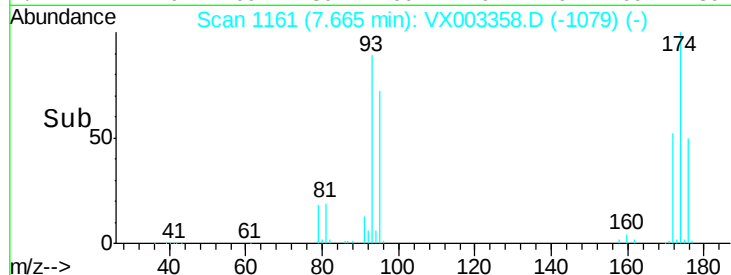
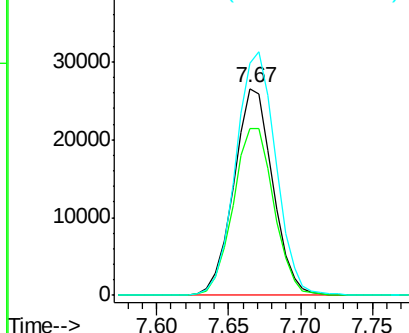
Tot Ion	Ratio	Lower	Upper
93	100		
95	84.6	0.0	162.6
174	120.9	0.0	229.4

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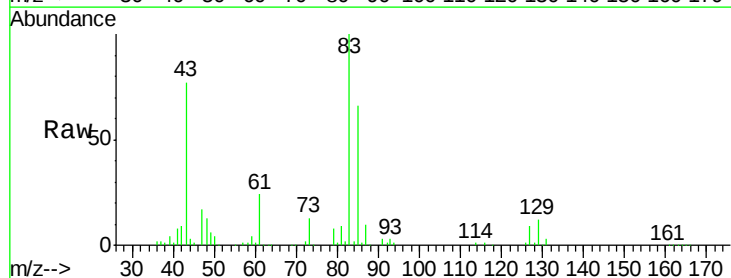


Abundance Ion 93.00 (92.70 to 93.70): VX0
Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V

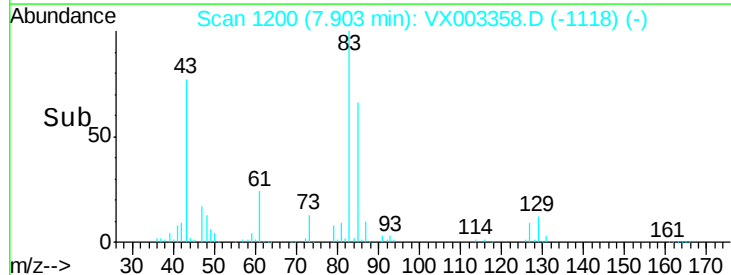
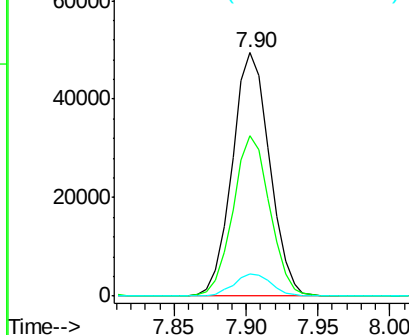


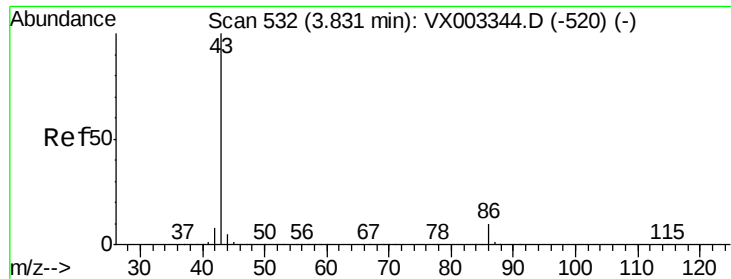
#41
Bromodichloromethane
Concen: 18.174 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	49.8	74.8
127	9.3	7.3	10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V





#42

Vinyl Acetate

Concen: 85.066 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 965166

Ion Ratio Lower Upper

43 100

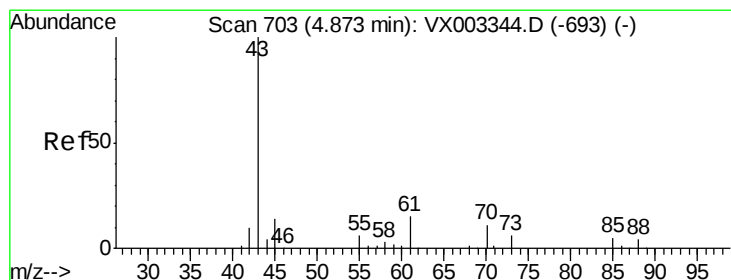
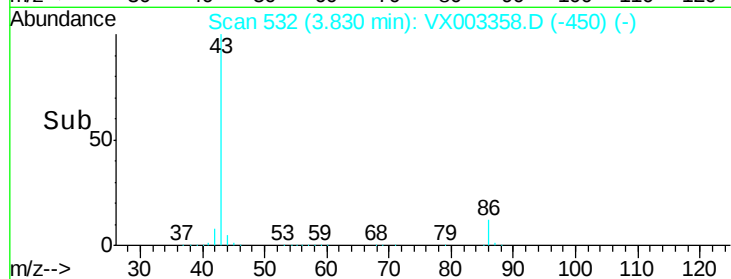
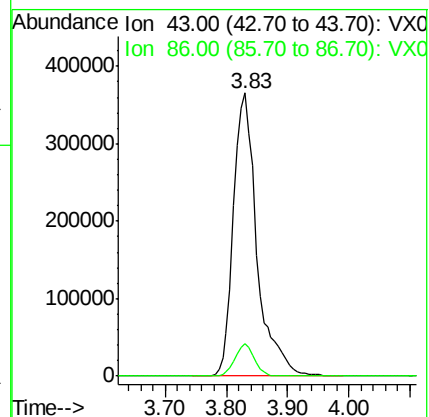
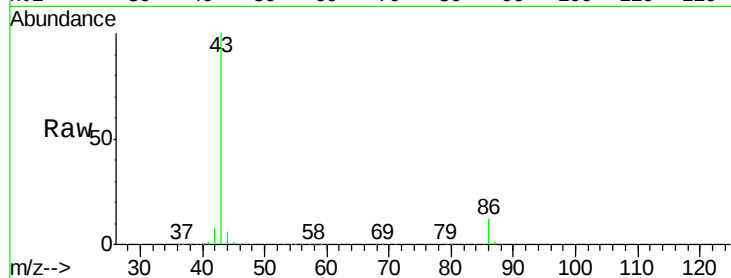
86 9.3 6.7 10.1

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#43

Ethyl Acetate

Concen: 18.254 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX003358.D

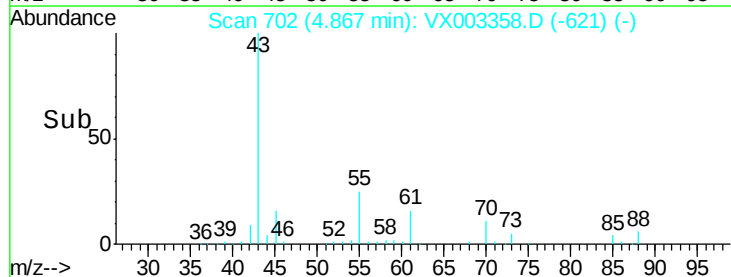
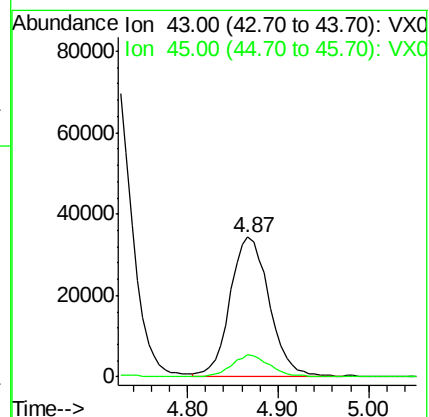
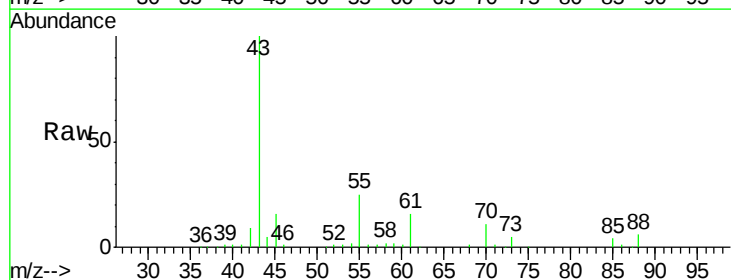
Acq: 12 Jul 2018 18:15

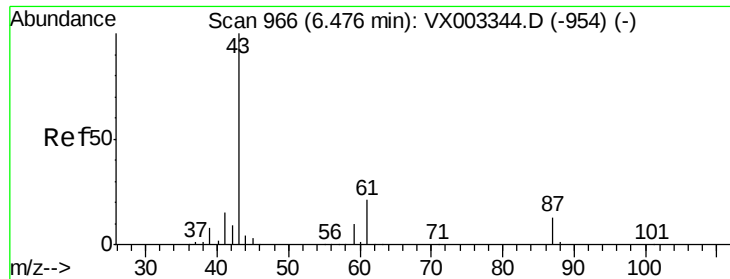
Tgt Ion: 43 Resp: 102398

Ion Ratio Lower Upper

43 100

45 14.4 11.0 16.4





#44

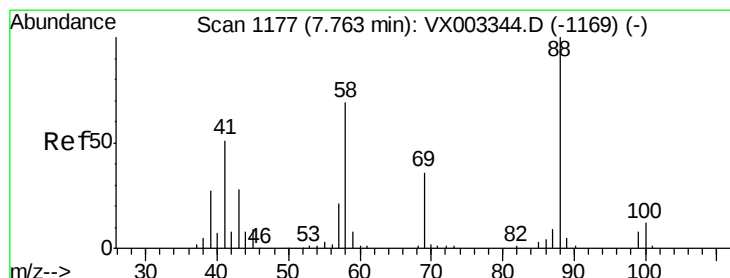
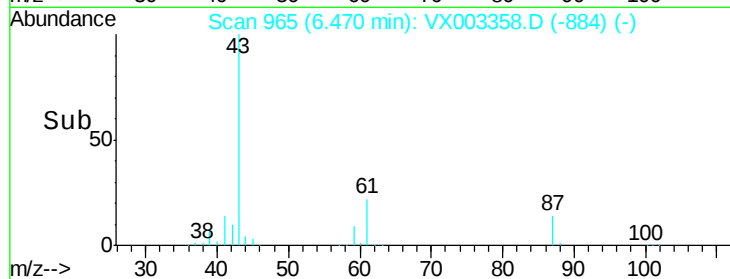
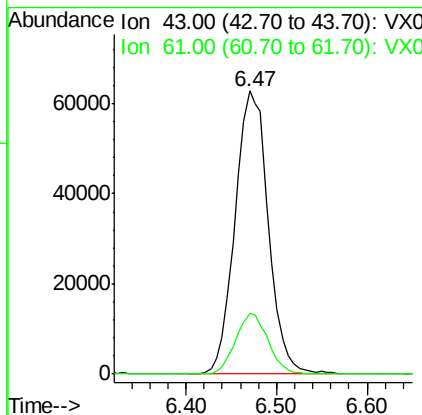
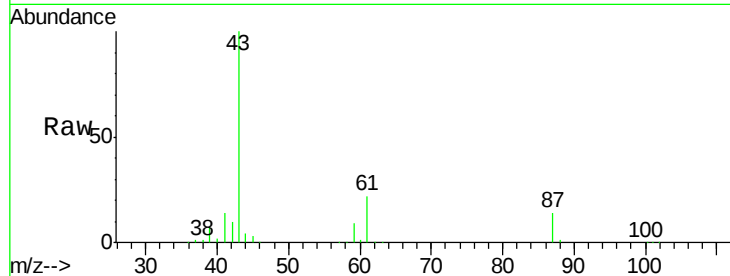
Isopropyl Acetate
 Concen: 18.558 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	43	Resp	159570
Ion Ratio	100	Lower	Upper
61	21.0	14.5	21.7

Manual Integrations
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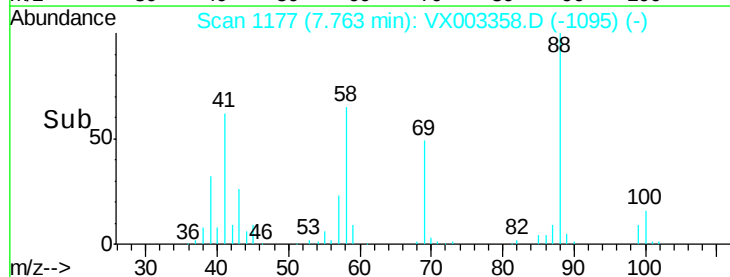
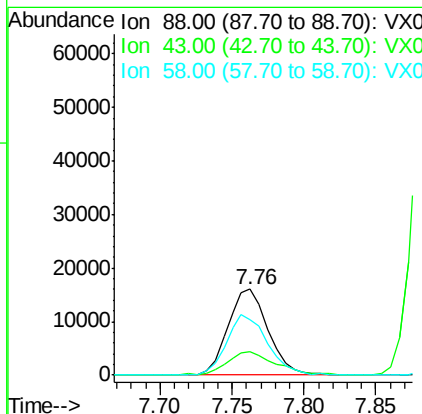
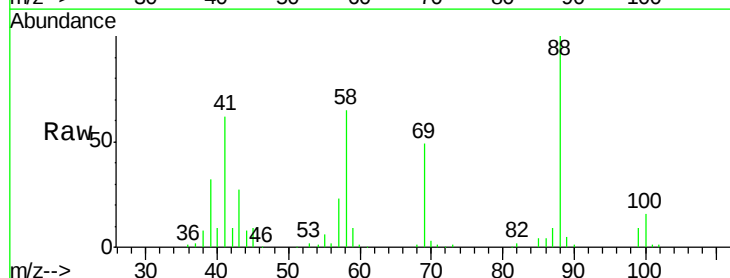
MMDadoda
 7/13/2018 11:35:56 AM

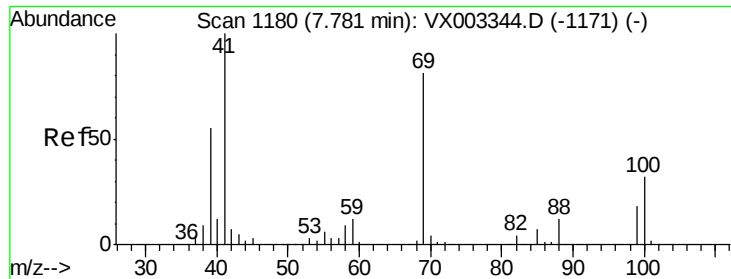


#45

1,4-Dioxane
 Concen: 340.833 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Tgt Ion	88	Resp	31280
Ion Ratio	100	Lower	Upper
43	30.9	43.2	64.8#
58	71.0	60.2	90.2





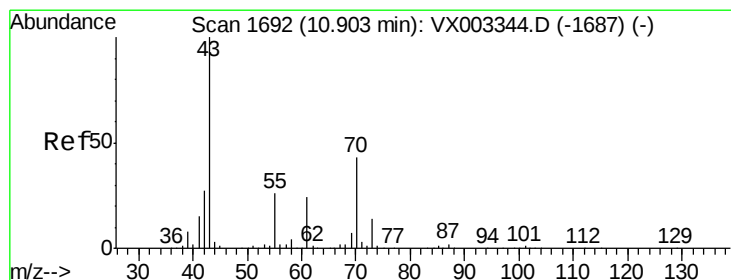
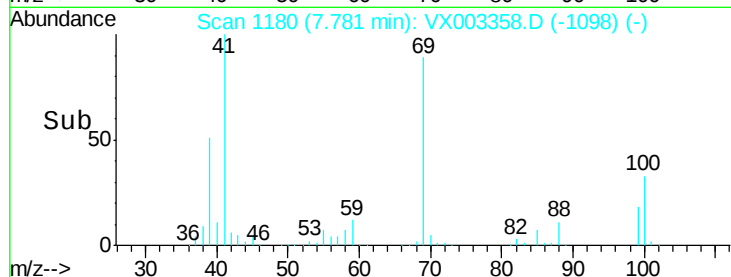
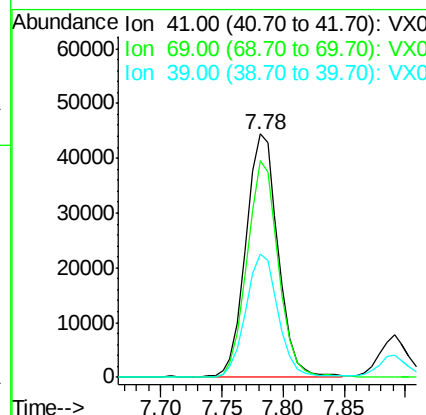
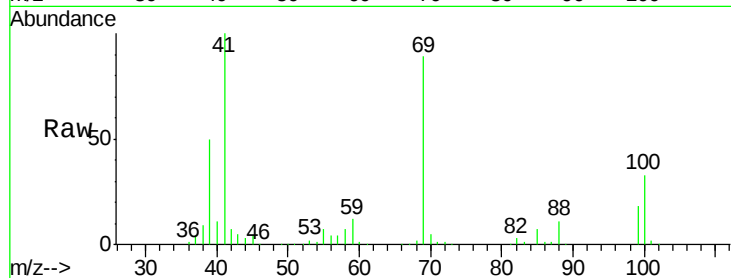
#46
Methvl methacrylate
Concen: 18.165 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
69	89.0	37.0	110.9
39	50.3	29.6	88.9

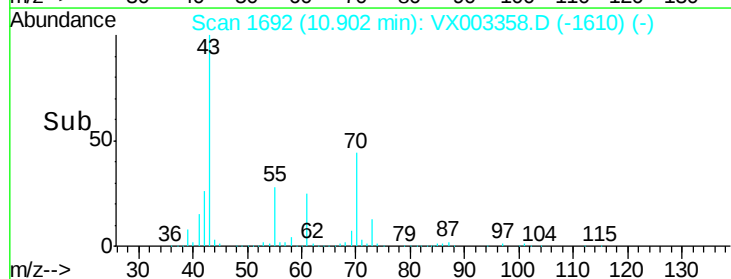
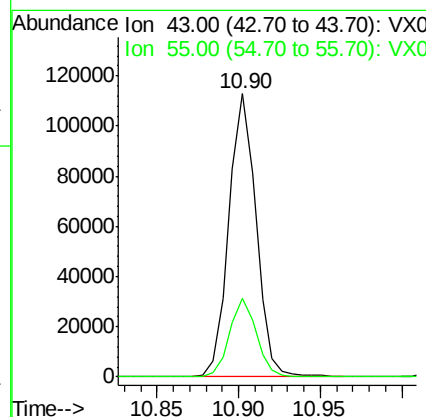
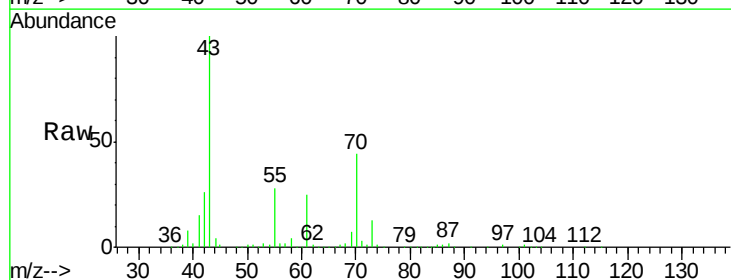
Manual Integrations
APPROVED

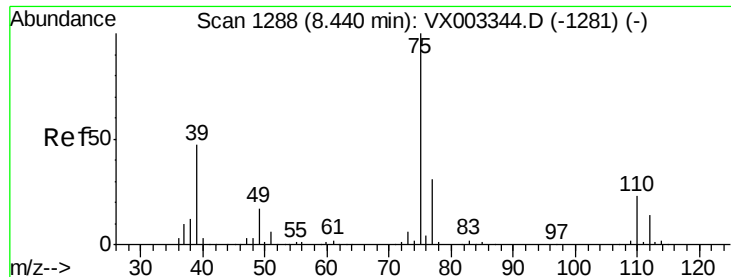
MMDadoda
7/13/2018 11:35:56 AM



#47
n-amy1 Acetate
Concen: 17.640 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
43	100		
55	27.2	0.1	0.1#





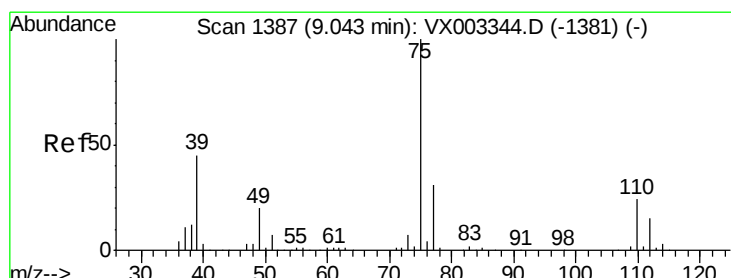
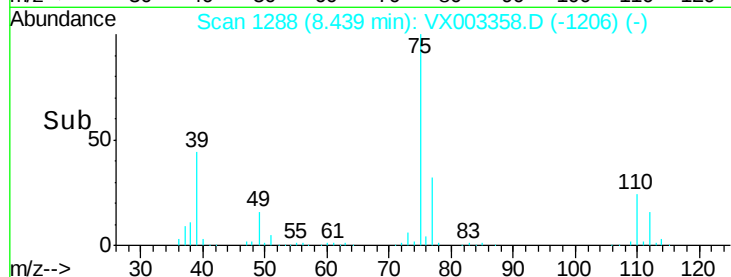
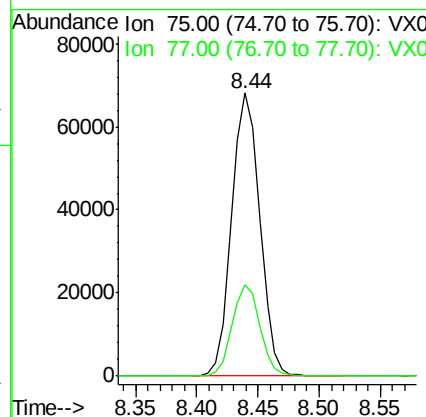
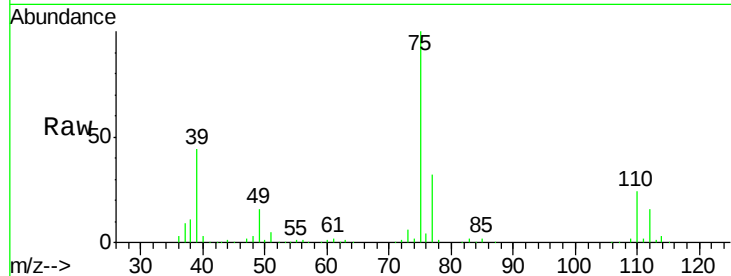
#48
t-1,3-Dichloropropene
Concen: 18.043 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 75 Resp: 108374
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

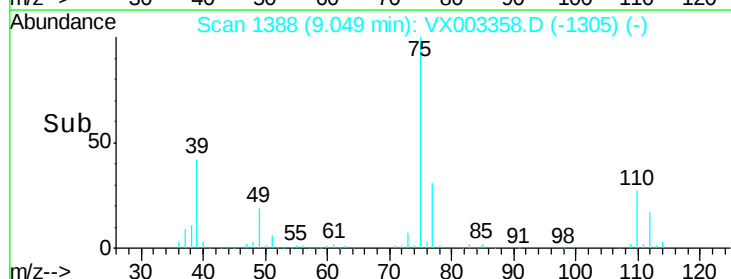
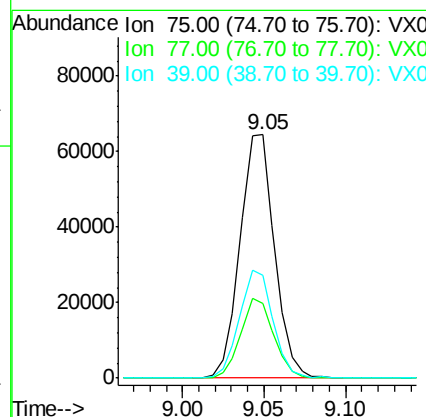
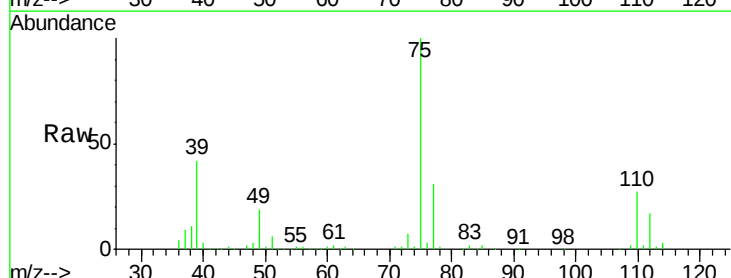
Manual Integrations
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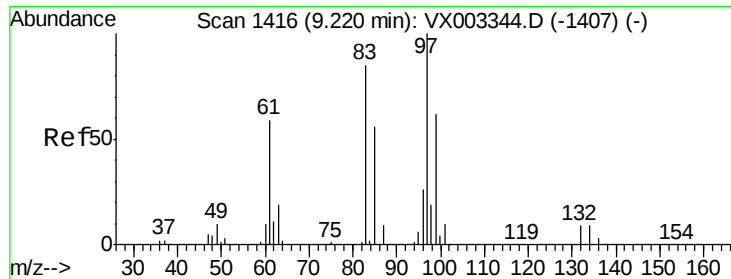
MMDadoda
7/13/2018 11:35:56 AM



#49
cis-1,3-Dichloropropene
Concen: 17.539 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion: 75 Resp: 95401
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2
39 41.9 42.3 63.5#





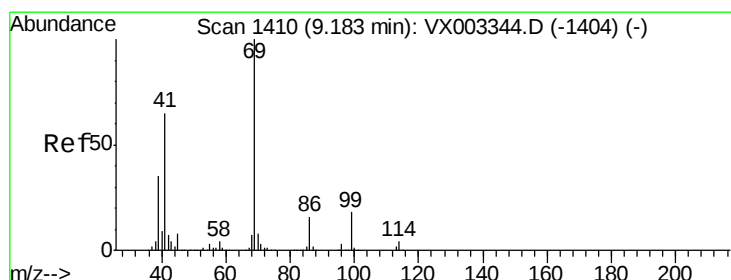
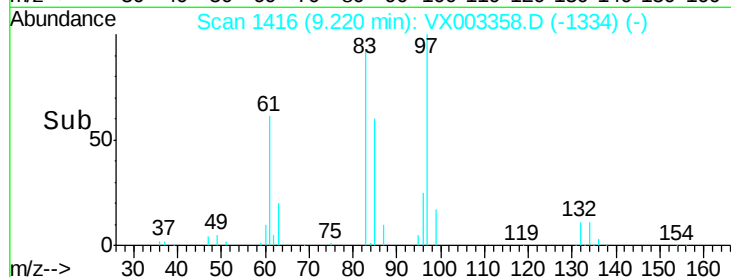
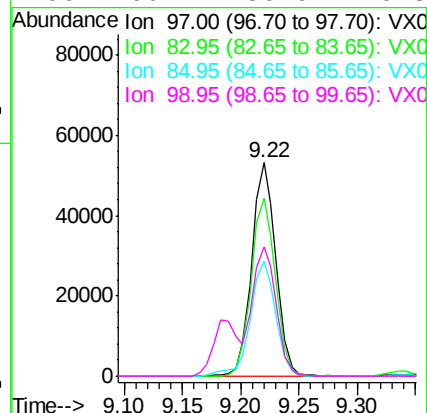
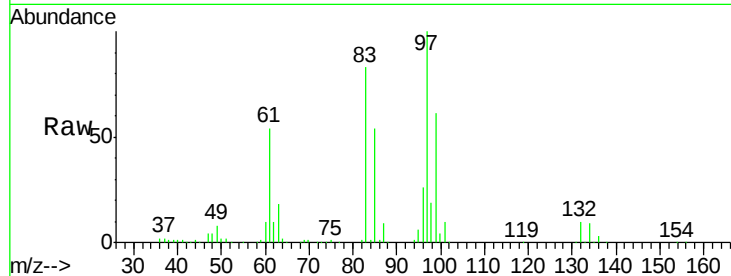
#50
1,1,2-Trichloroethane
Concen: 19.272 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	97	Resp:	76768
Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.8	106.2
85	53.9	43.5	65.3
99	60.4	50.9	76.3

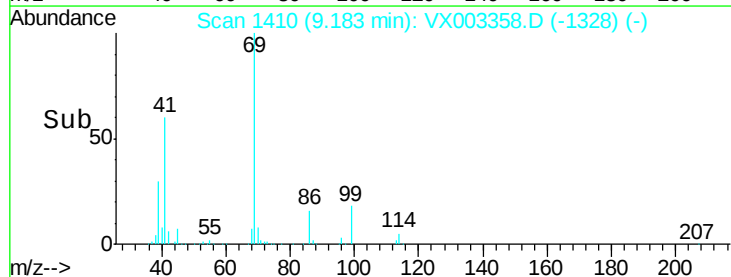
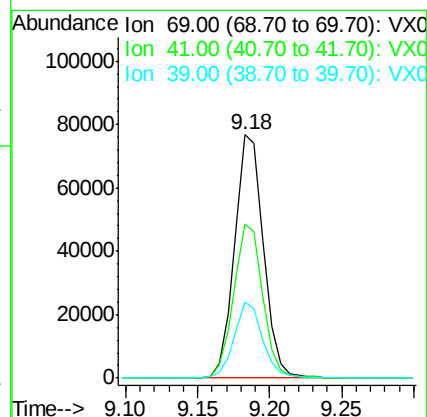
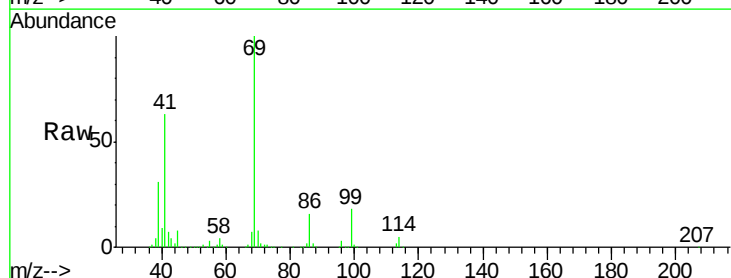
Manual Integrations
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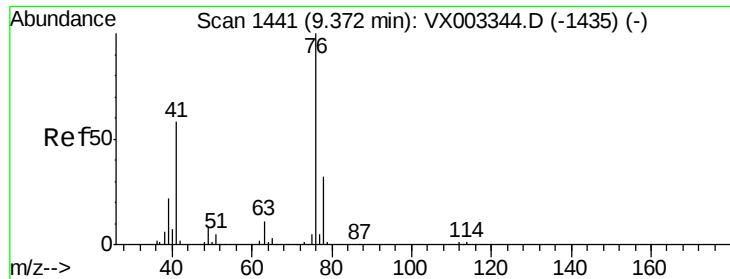
MMDadoda
7/13/2018 11:35:56 AM



#51
Ethyl methacrylate
Concen: 18.665 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion:	69	Resp:	108355
Ion	Ratio	Lower	Upper
69	100		
41	63.2	39.1	117.3
39	31.1	21.7	65.1





#52

1,3-Dichloropropane

Concen: 19.147 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 76 Resp: 125270

Ion Ratio Lower Upper

76 100

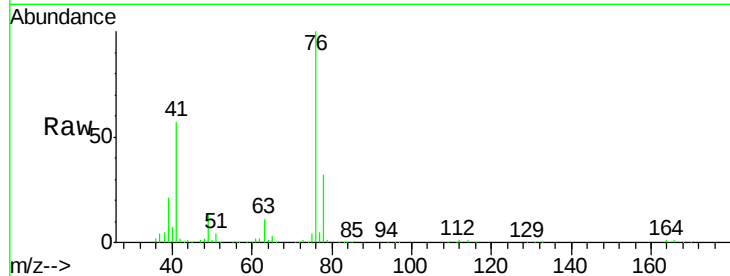
78 31.9 0.0 63.4

Manual Integrations

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Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

100000

80000

60000

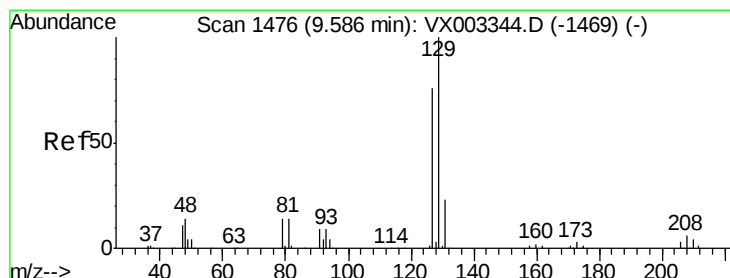
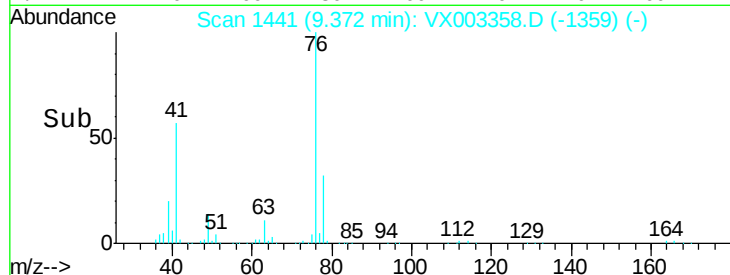
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#53

Dibromochloromethane

Concen: 18.276 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003358.D

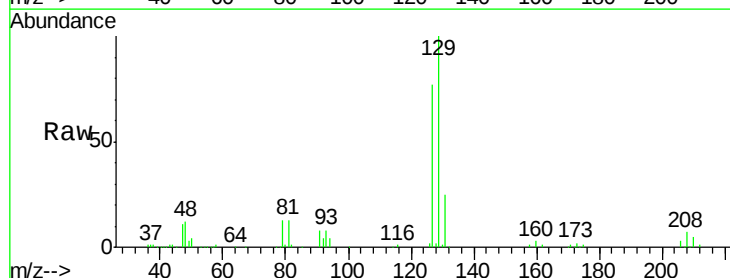
Acq: 12 Jul 2018 18:15

Tgt Ion: 129 Resp: 72756

Ion Ratio Lower Upper

129 100

127 77.9 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

60000

50000

40000

30000

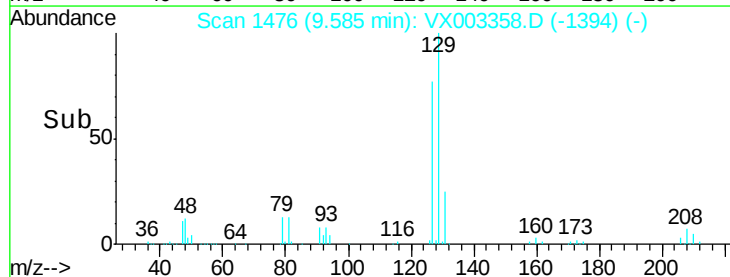
20000

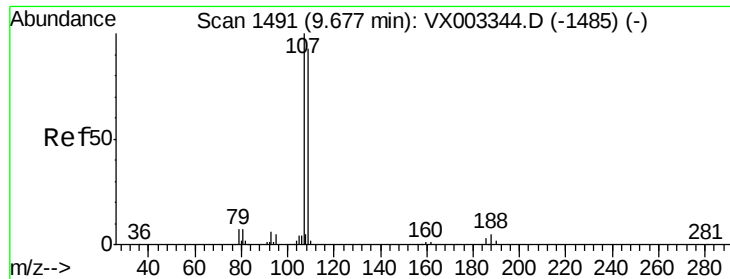
10000

0

9.55 9.60 9.65

Time-->





#54

1,2-Dibromoethane

Concen: 19.026 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:107 Resp: 78597

Ion Ratio Lower Upper

107 100

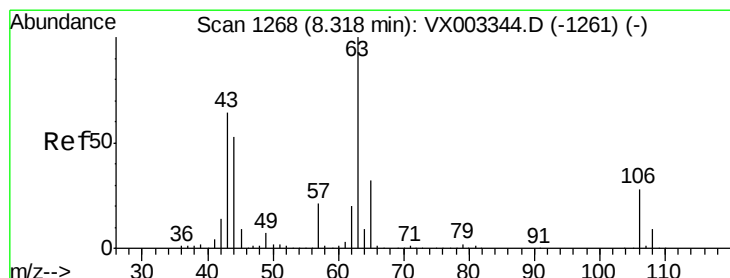
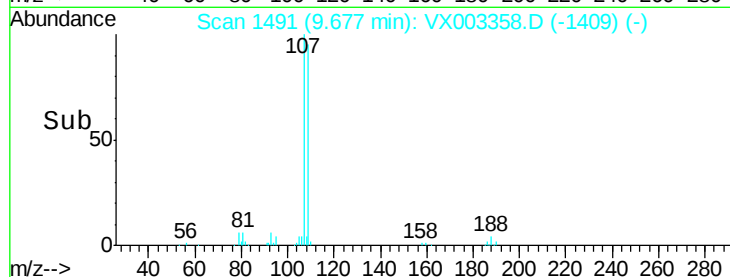
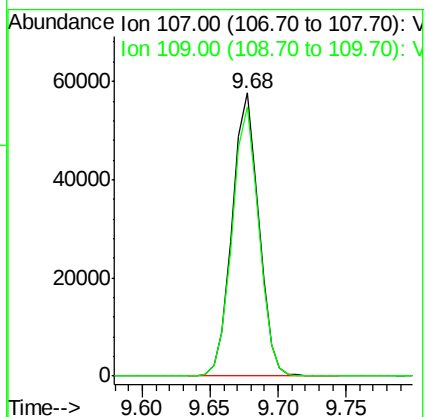
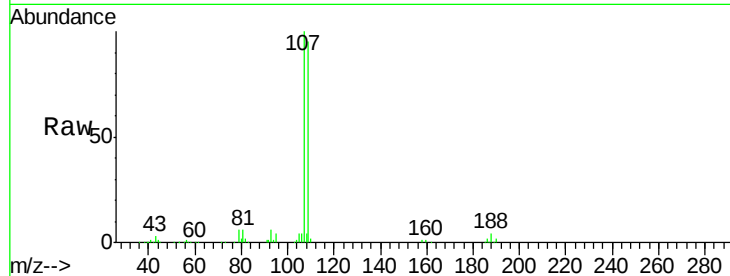
109 95.4 75.5 113.3

Manual Integrations

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MMDadoda

7/13/2018 11:35:56 AM



#55

2-Chloroethyl vinyl ether

Concen: 102.175 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

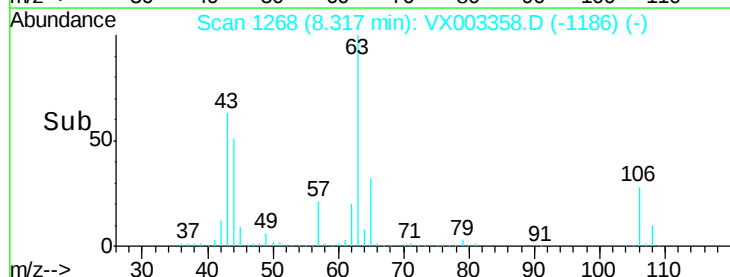
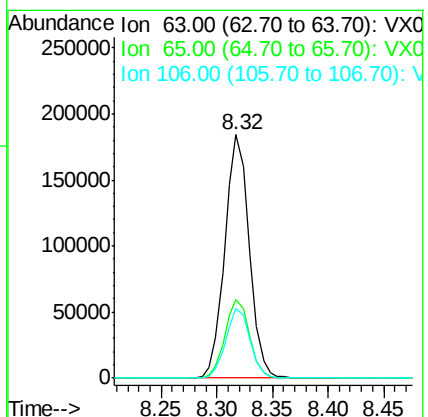
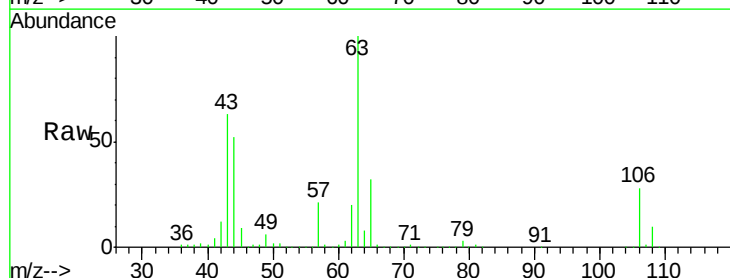
Tgt Ion: 63 Resp: 279833

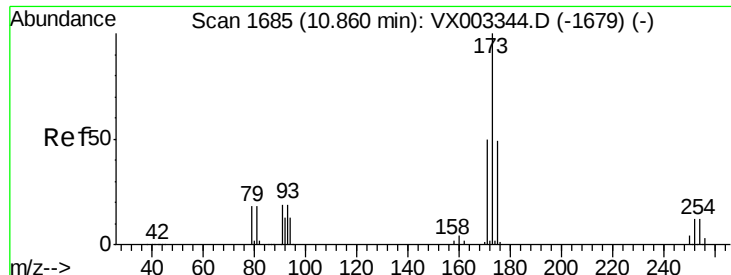
Ion Ratio Lower Upper

63 100

65 32.5 25.6 38.4

106 28.7 21.6 32.4





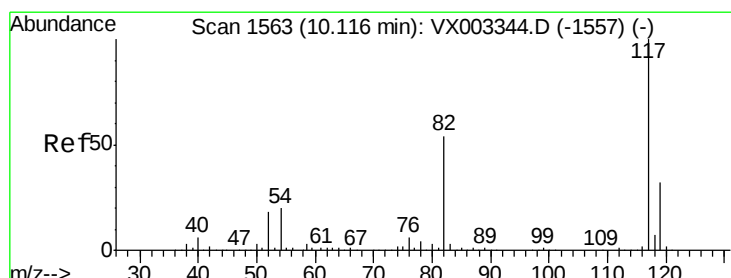
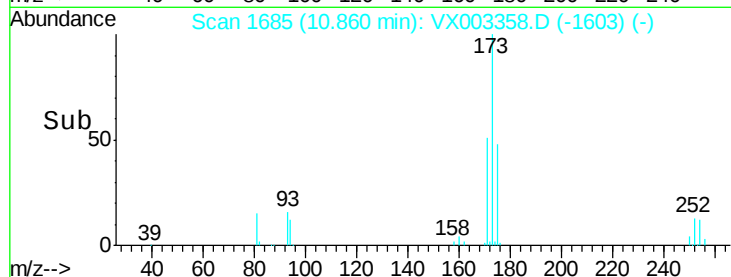
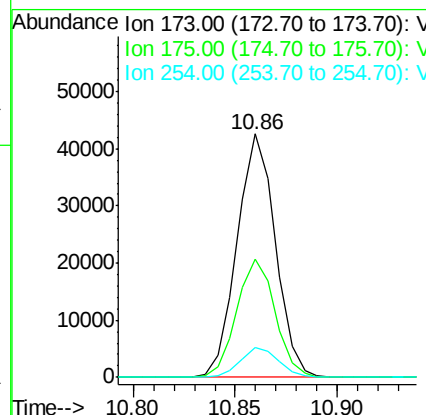
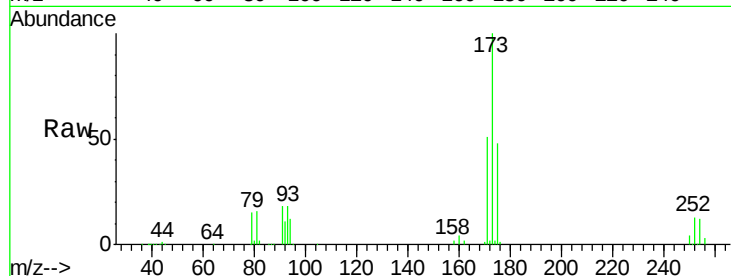
#56
Bromoform
Concen: 18.170 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:173 Resp: 55304
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 12.4 9.6 14.4

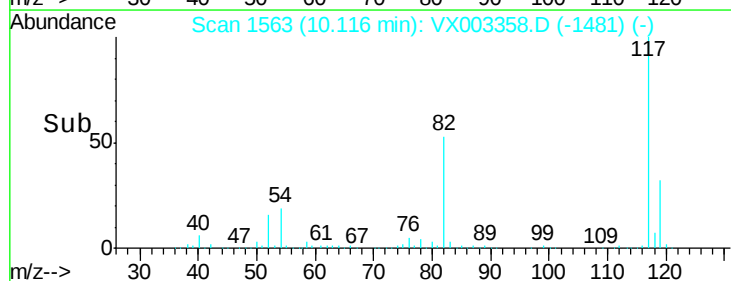
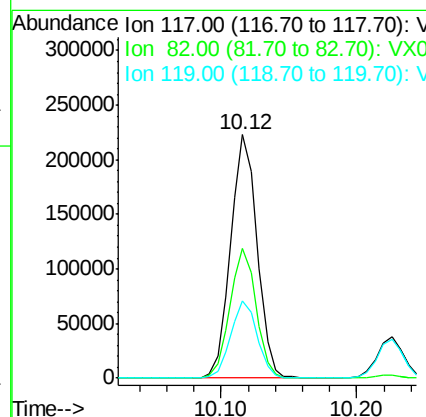
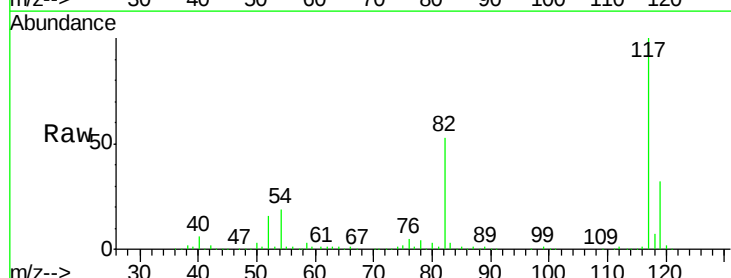
Manual Integrations
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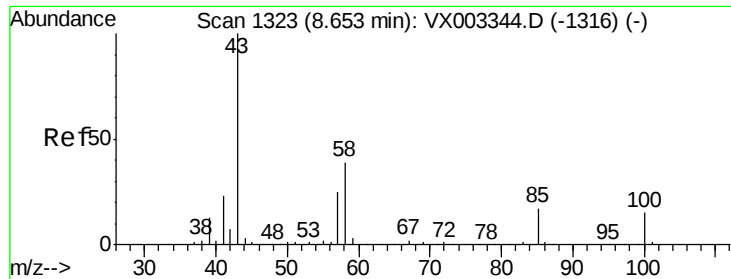
MMDadoda
7/13/2018 11:35:56 AM



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion:117 Resp: 301412
Ion Ratio Lower Upper
117 100
82 52.5 44.3 66.5
119 31.7 25.7 38.5





#58

4-Methyl-2-Pentanone

Concen: 96.005 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC020EC

Tot Ion: 43 Resp: 515476

Ion Ratio Lower Upper

43 100

58 40.3 28.2 42.4

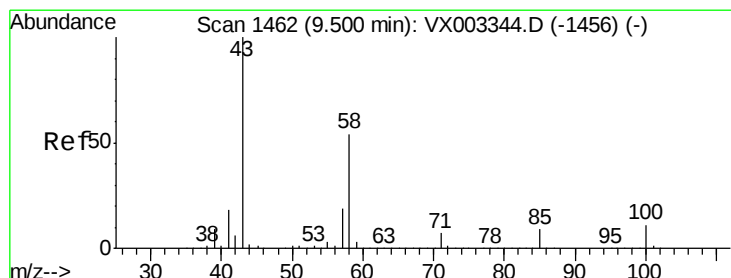
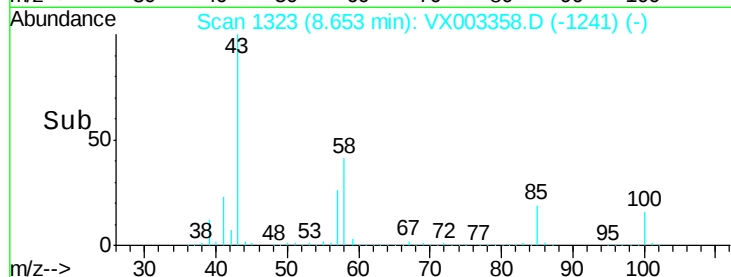
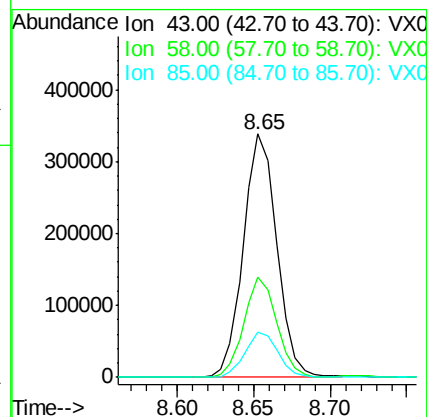
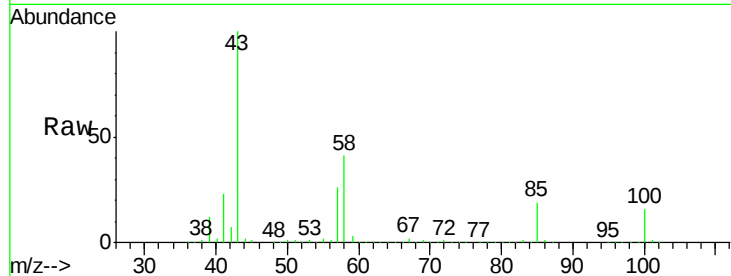
85 18.5 12.4 18.6

Manual Integrations

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7/13/2018 11:35:56 AM



#59

2-Hexanone

Concen: 93.990 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

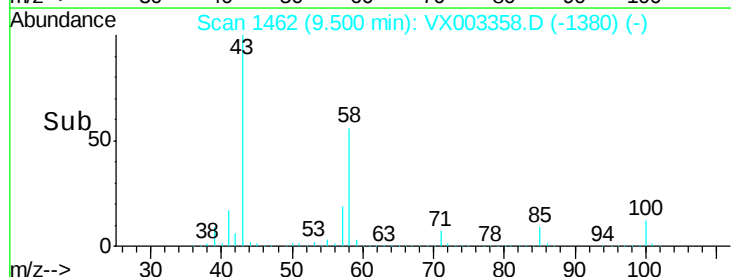
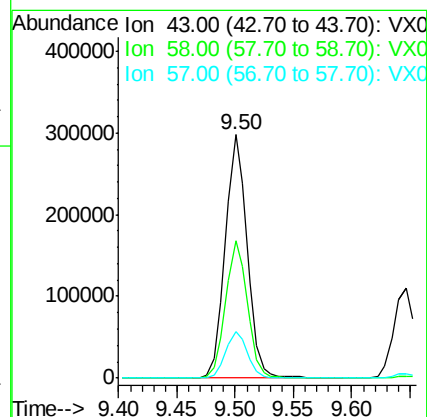
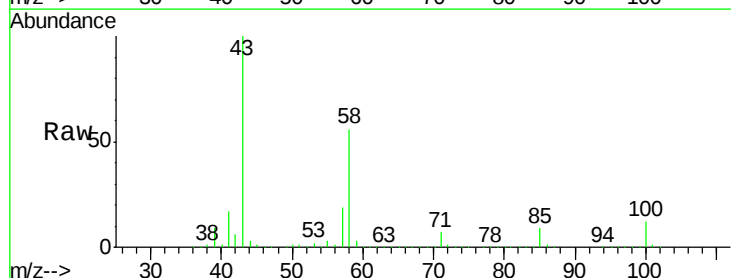
Tgt Ion: 43 Resp: 386520

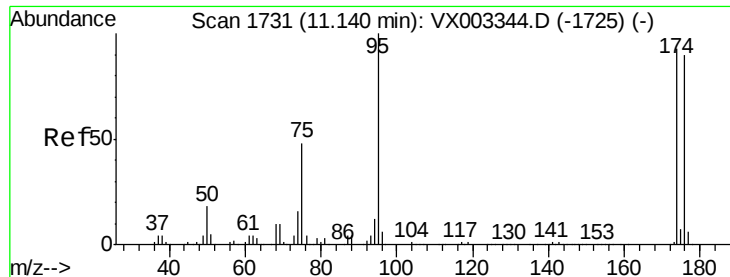
Ion Ratio Lower Upper

43 100

58 56.4 39.6 59.4

57 19.1 14.1 21.1





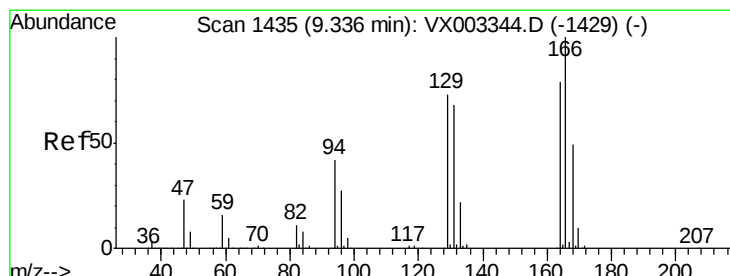
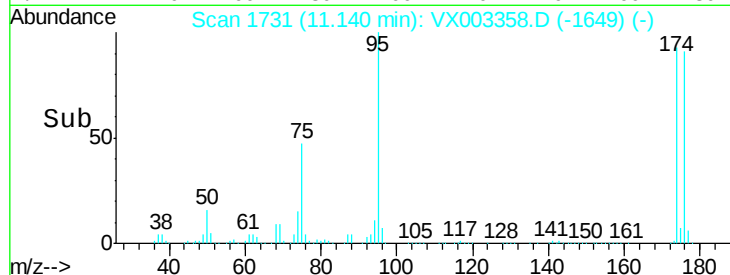
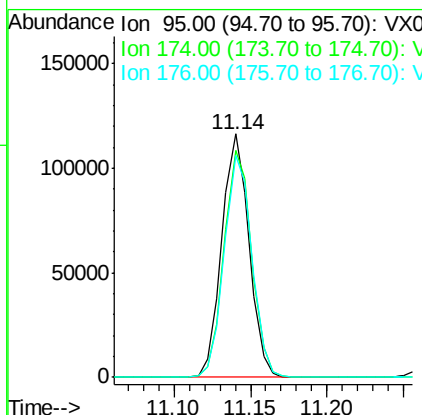
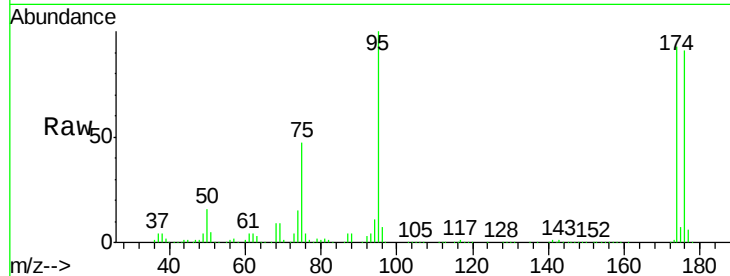
#60
4-Bromofluorobenzene
Concen: 29.612 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
95	100		
174	94.4	71.8	107.6
176	92.7	70.1	105.1

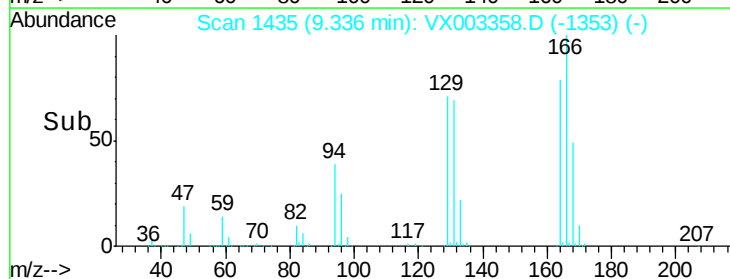
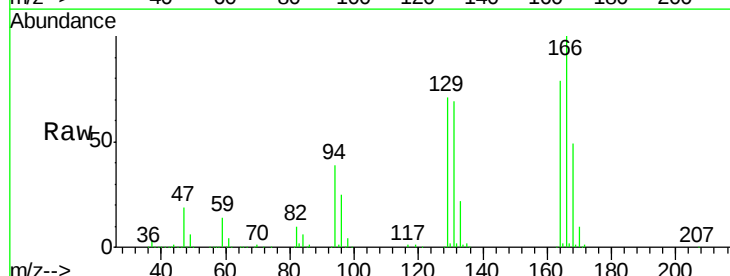
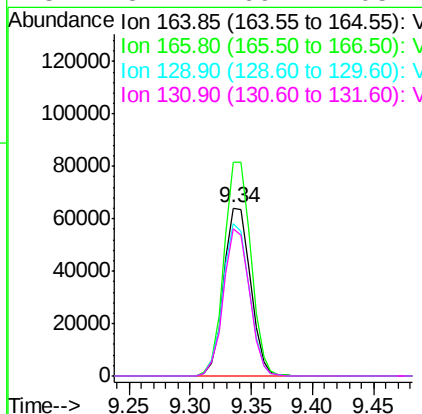
Manual Integrations
APPROVED

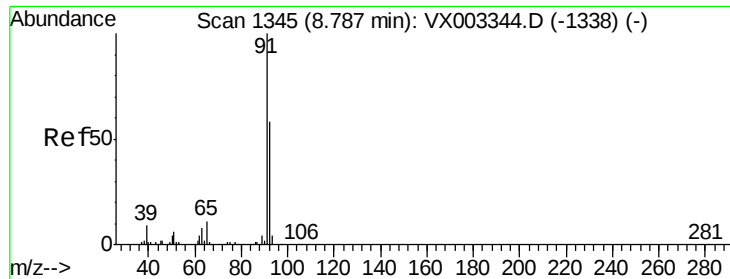
MMDadoda
7/13/2018 11:35:56 AM



#61
Tetrachloroethene
Concen: 21.097 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.4	153.6
129	91.0	70.1	105.1
131	87.4	69.1	103.7





#62

Toluene

Concen: 20.011 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 329066

Ion Ratio Lower Upper

91 100

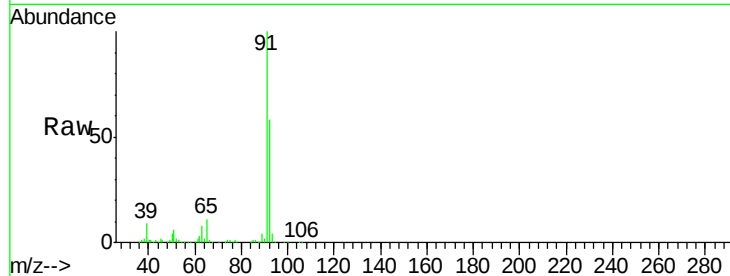
92 57.4 46.5 69.7

Manual Integrations

APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

250000

200000

150000

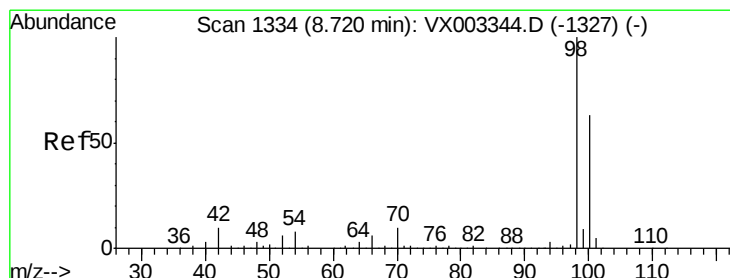
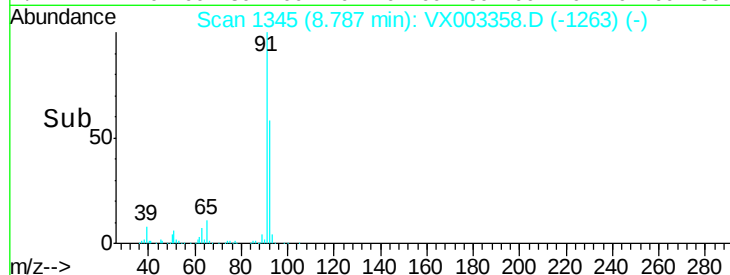
100000

50000

0

8.70 8.75 8.80 8.85 8.90

Time-->



#63

Toluene-d8

Concen: 30.494 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003358.D

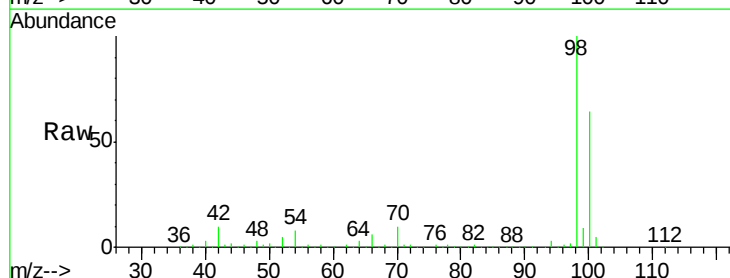
Acq: 12 Jul 2018 18:15

Tgt Ion: 98 Resp: 406337

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

300000

250000

200000

150000

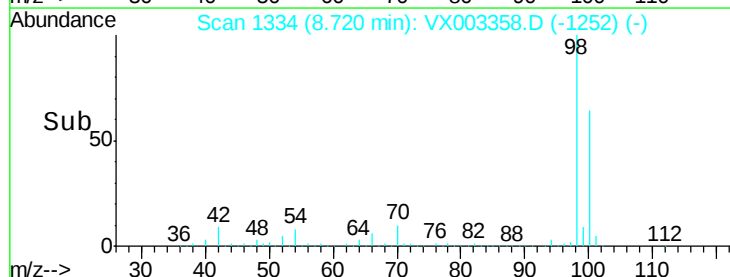
100000

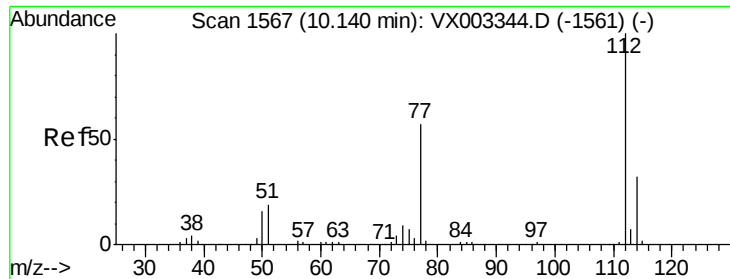
50000

0

8.60 8.70 8.80 8.90

Time-->





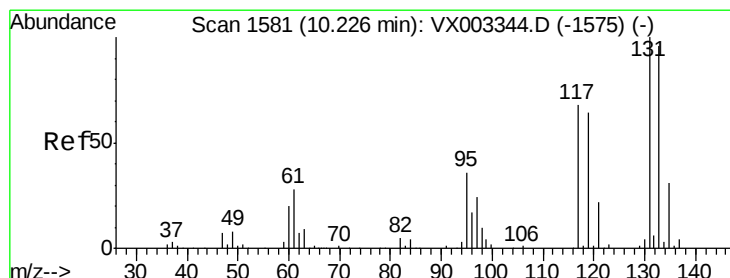
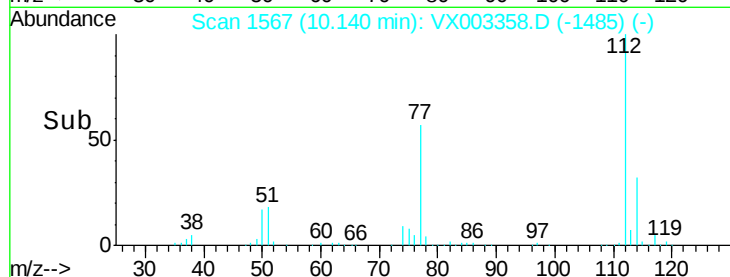
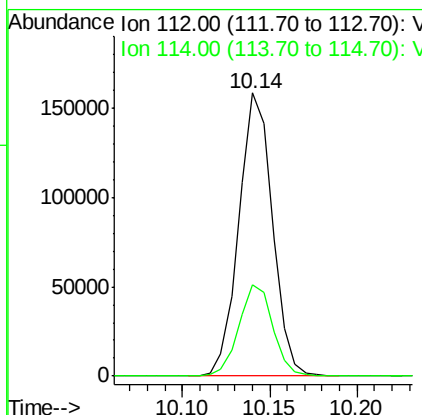
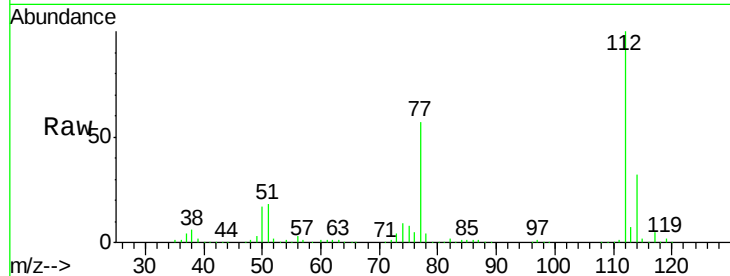
#64
Chlorobenzene
Concen: 19.504 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:112 Resp: 212393
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4

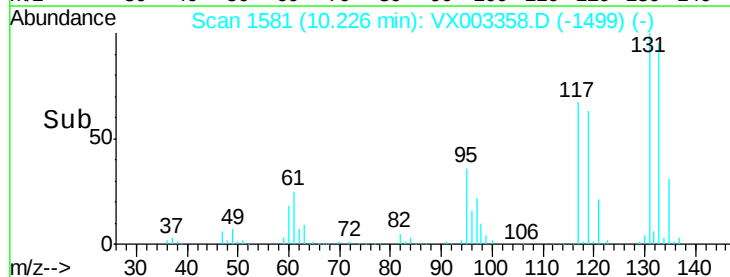
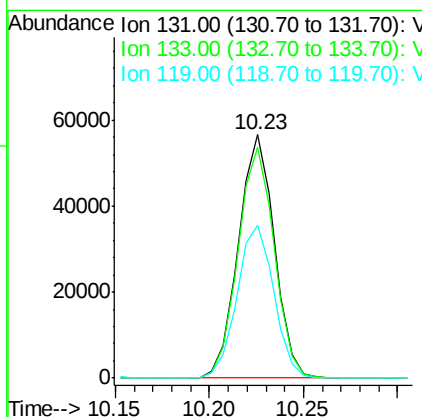
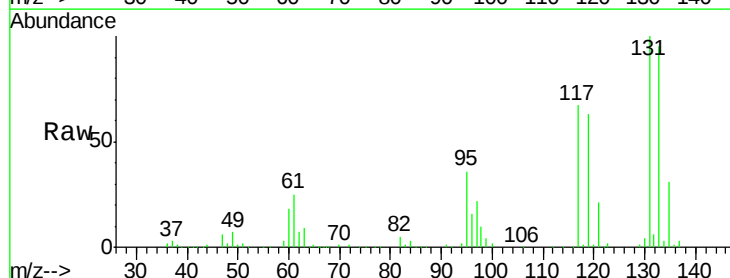
Manual Integrations
APPROVED

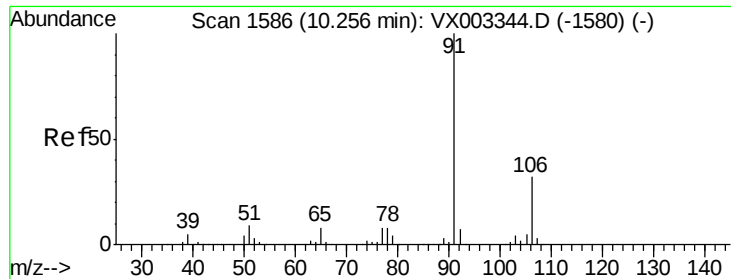
MMDadoda
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#65
1,1,1,2-Tetrachloroethane
Concen: 19.346 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion:131 Resp: 74723
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.2
119 64.2 0.0 125.4





#66

Ethyl Benzene

Concen: 19.391 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 352372

Ion Ratio Lower Upper

91 100

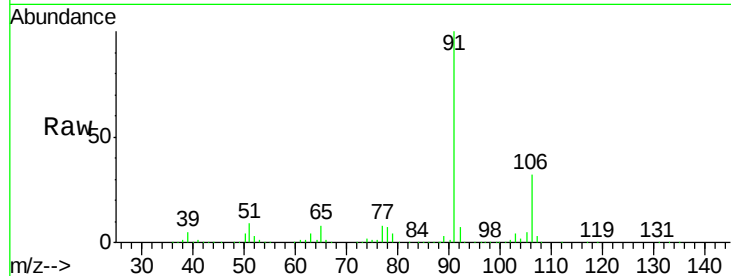
106 31.7 25.2 37.8

Manual Integrations

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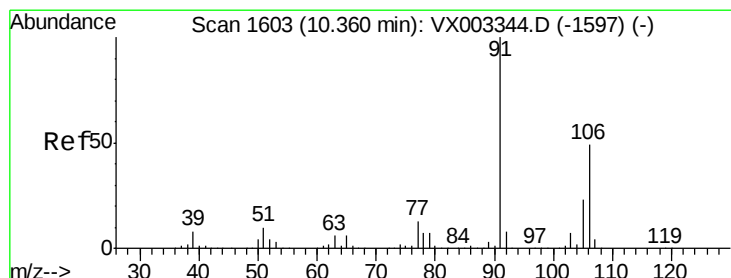
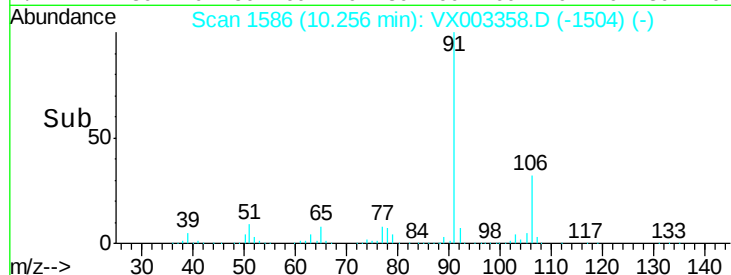
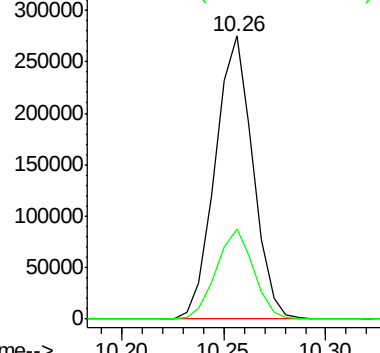
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#67

m/p-Xylenes

Concen: 39.070 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX003358.D

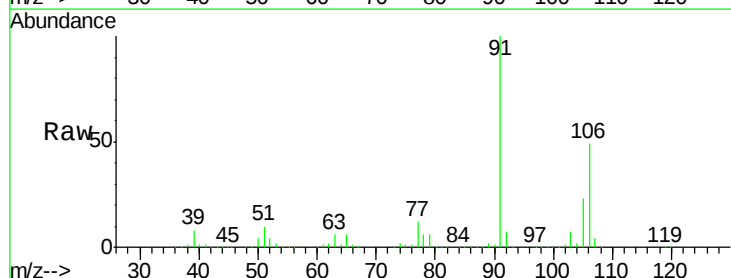
Acq: 12 Jul 2018 18:15

Tgt Ion: 106 Resp: 276257

Ion Ratio Lower Upper

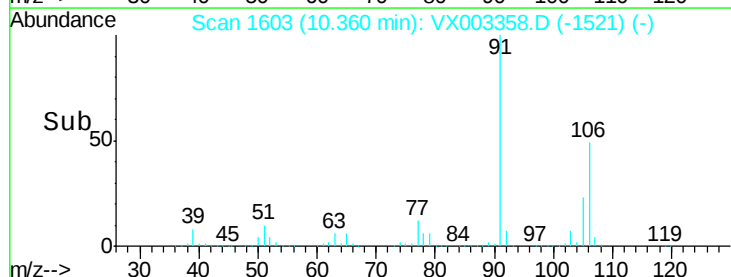
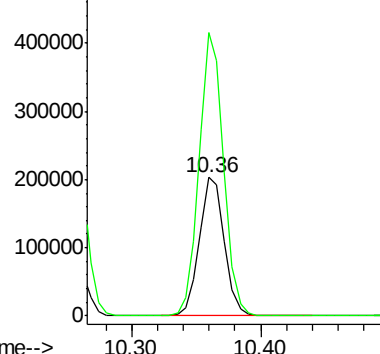
106 100

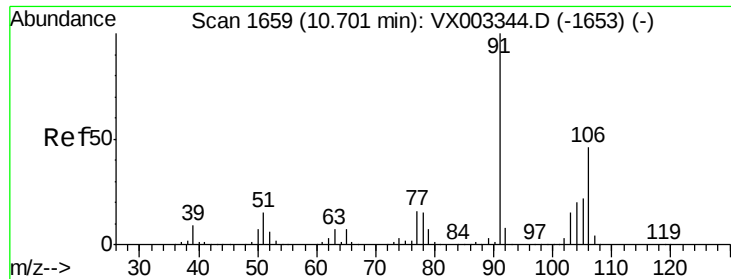
91 200.2 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





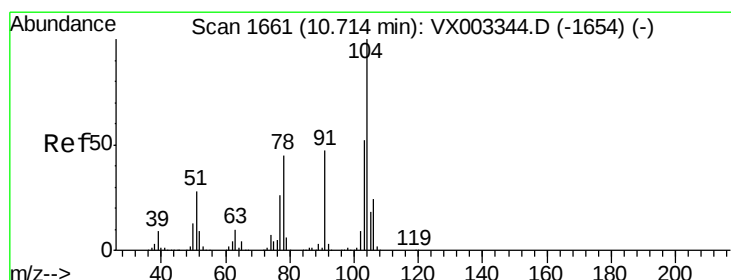
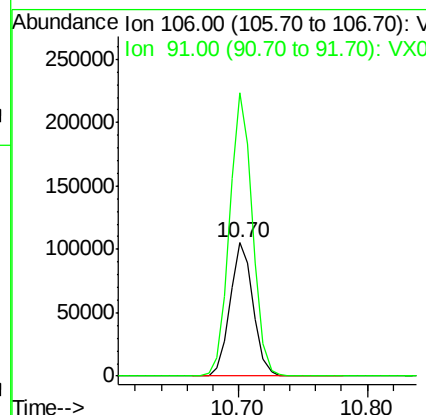
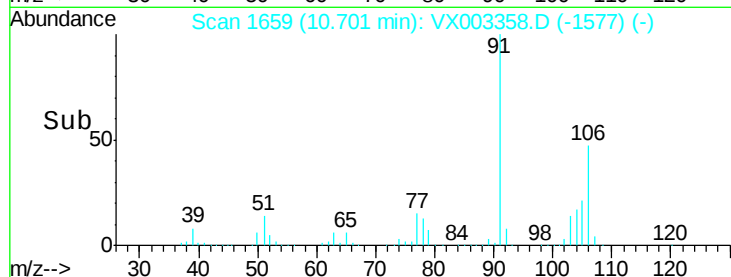
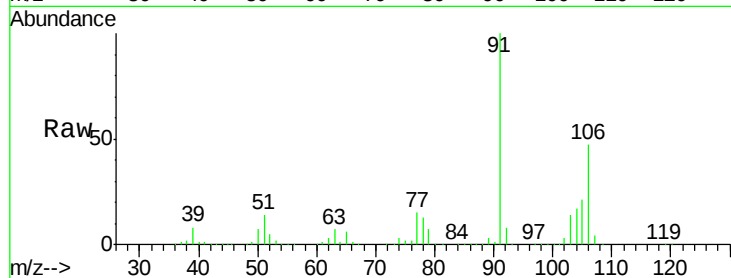
#68
o-Xylene
Concen: 19.465 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 132422
Ion Ratio Lower Upper
106 100
91 210.9 109.1 327.3

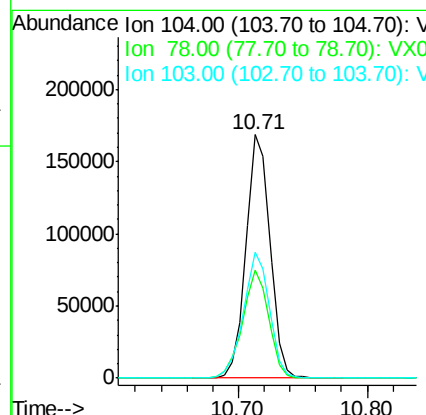
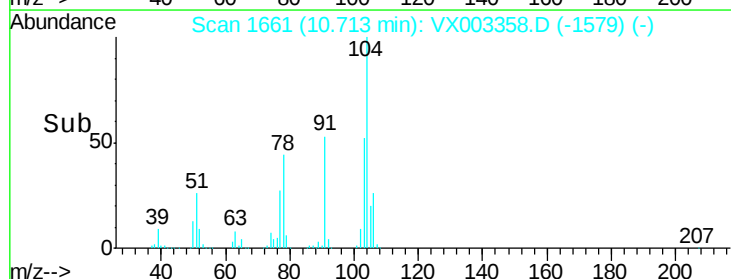
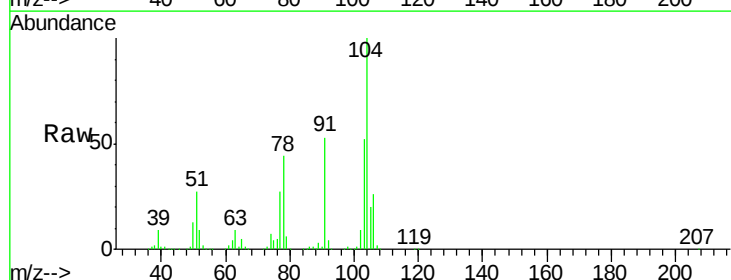
Manual Integrations
APPROVED

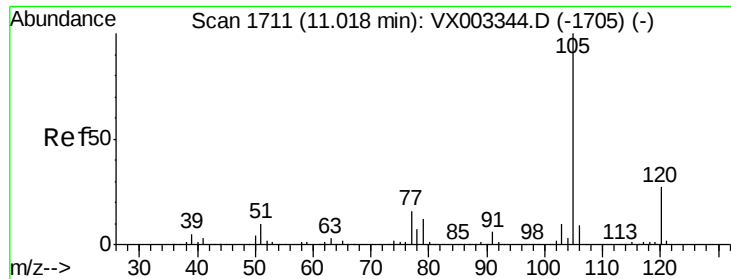
MMDadoda
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#69
Styrene
Concen: 19.237 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion:104 Resp: 217550
Ion Ratio Lower Upper
104 100
78 48.0 41.8 62.8
103 55.8 44.9 67.3





#70

Isopropylbenzene

Concen: 19.781 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 356835

Ion Ratio Lower Upper

105 100

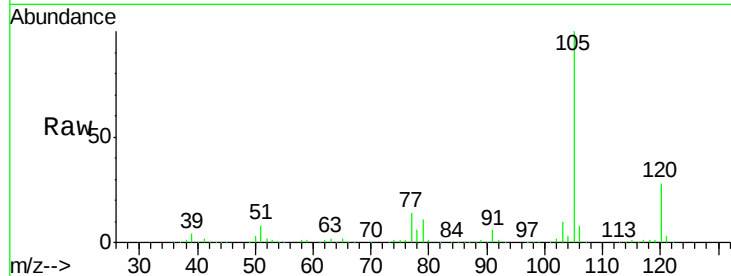
120 27.1 19.0 35.2

Manual Integrations

APPROVED

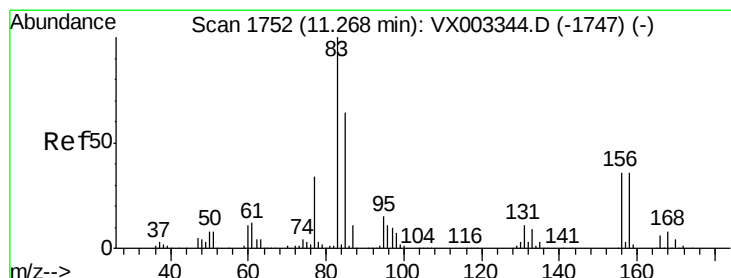
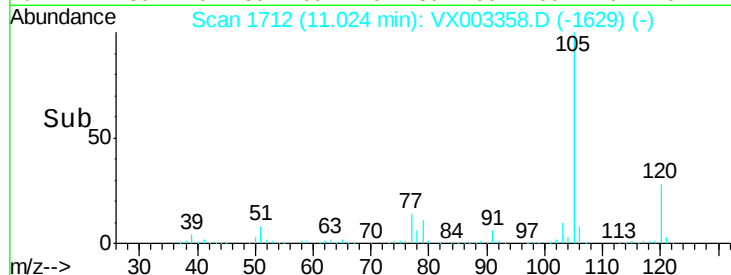
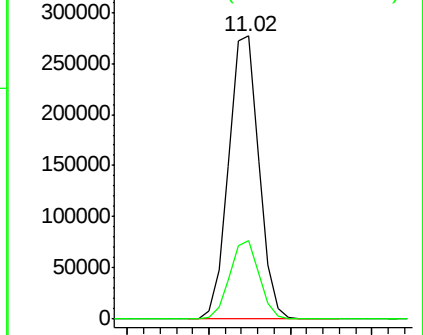
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 19.705 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

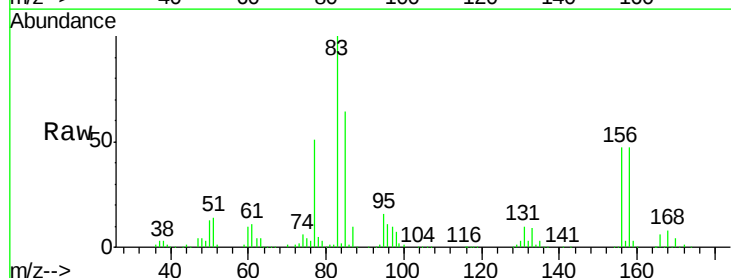
Tgt Ion: 83 Resp: 111480

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

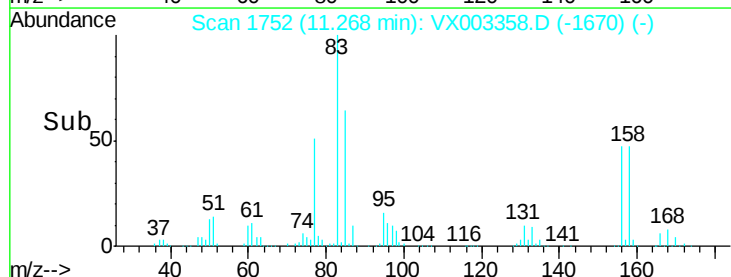
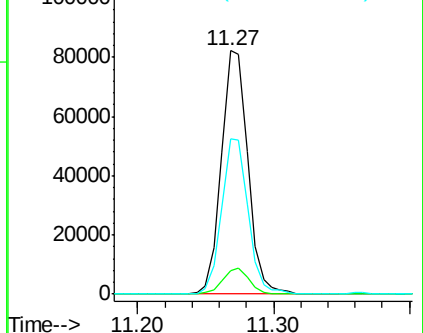
85 63.7 32.4 97.2

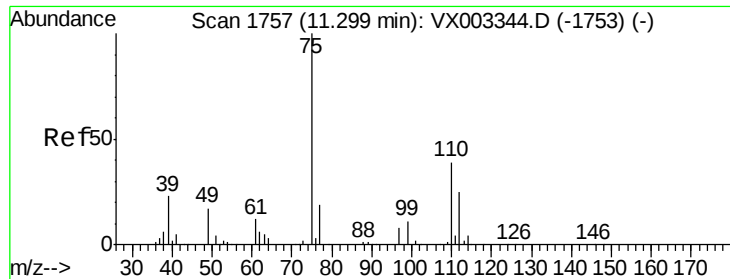


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





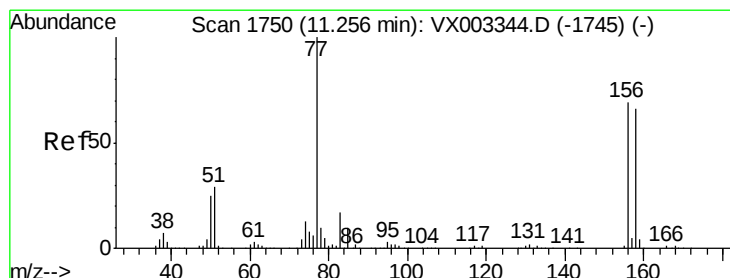
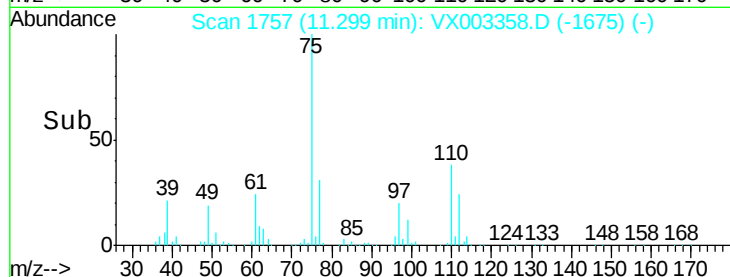
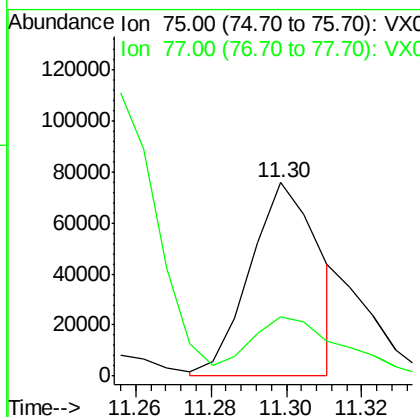
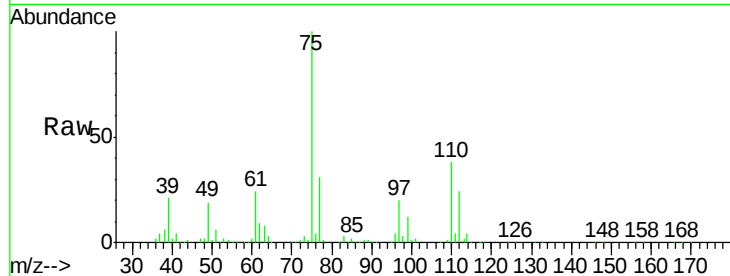
#72
1,2,3-Trichloropropane
Concen: 14.584 ug/l m
RT: 11.30 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 75 Resp: 96504
Ion Ratio Lower Upper
75 100
77 40.9 0.0 71.8

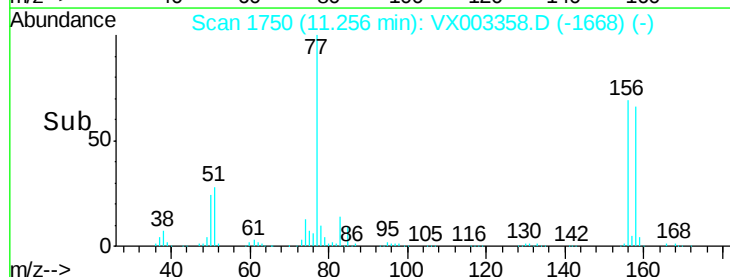
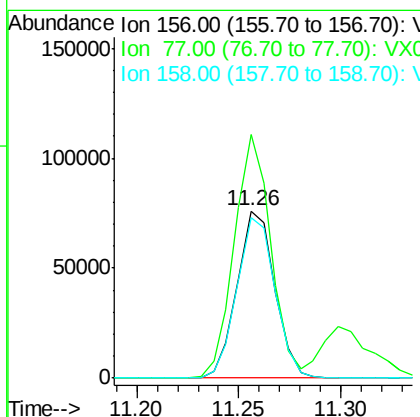
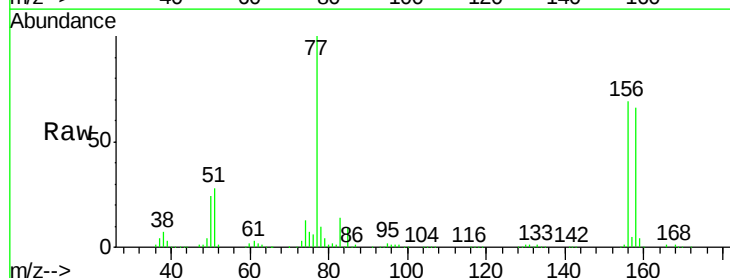
Manual Integrations
APPROVED

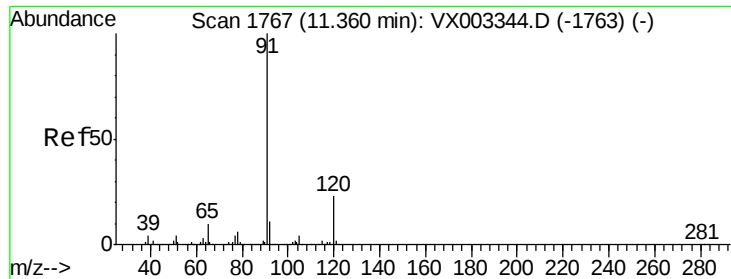
MMDadoda
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#73
Bromobenzene
Concen: 19.521 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion: 156 Resp: 97883
Ion Ratio Lower Upper
156 100
77 140.4 0.0 301.0
158 97.4 0.0 196.2





#74

n-propylbenzene

Concen: 19.255 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020EC

Tot Ion: 91 Resp: 404554

Ion Ratio Lower Upper

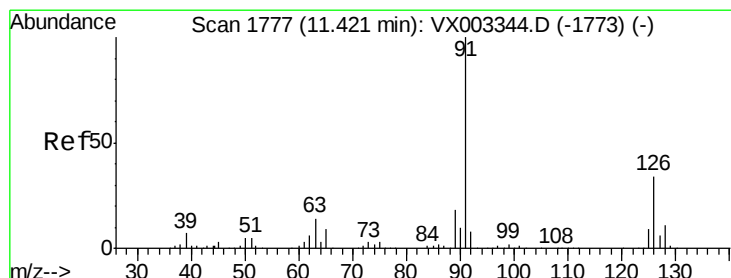
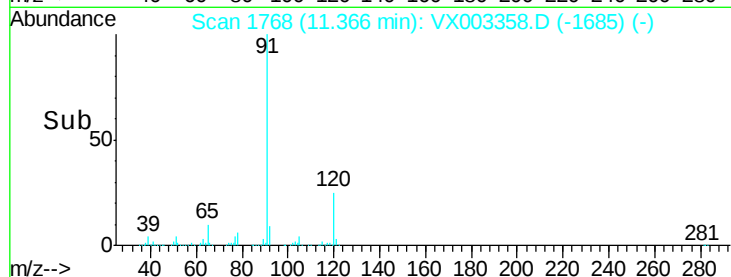
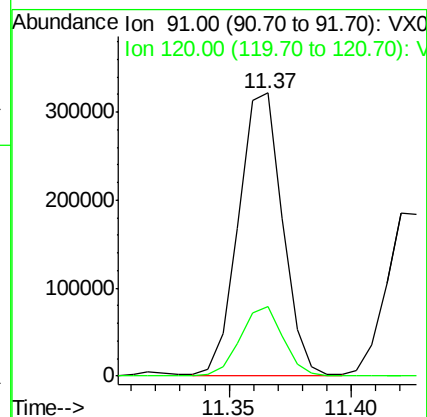
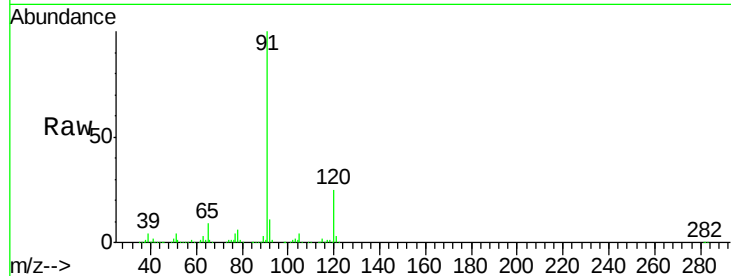
91 100

120 23.8 0.0 46.2

Manual Integrations
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#75

2-Chlorotoluene

Concen: 19.395 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX003358.D

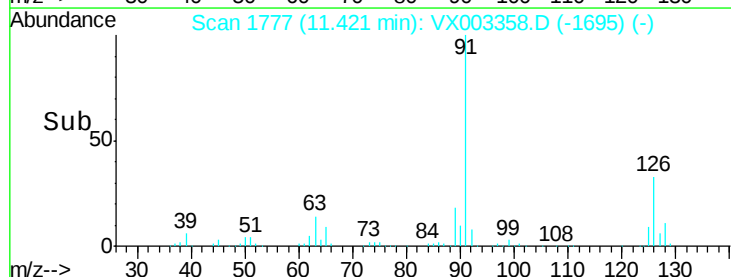
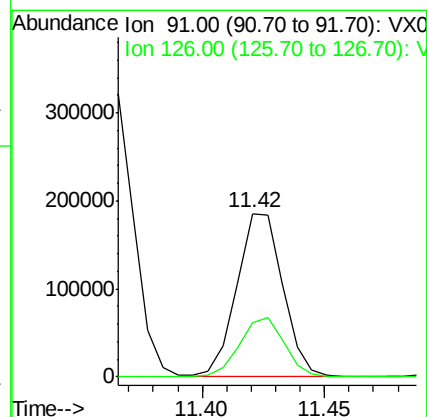
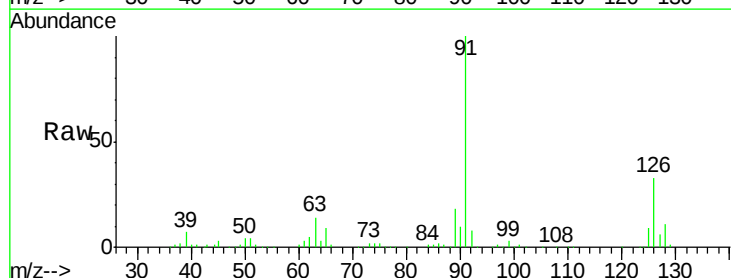
Acq: 12 Jul 2018 18:15

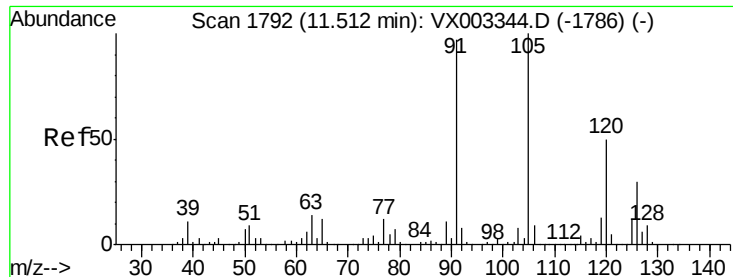
Tgt Ion: 91 Resp: 243753

Ion Ratio Lower Upper

91 100

126 35.3 0.0 69.4





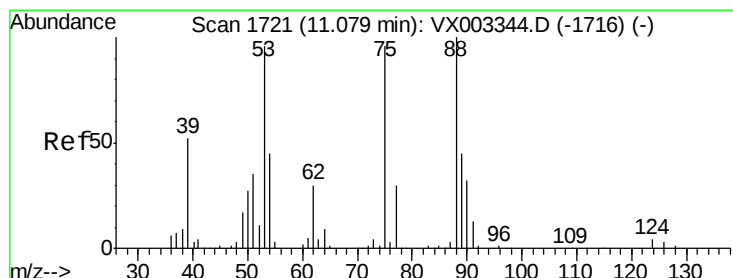
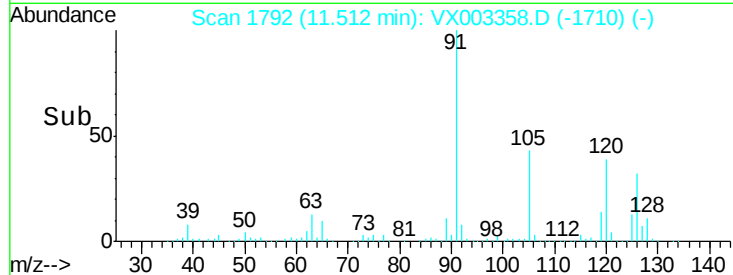
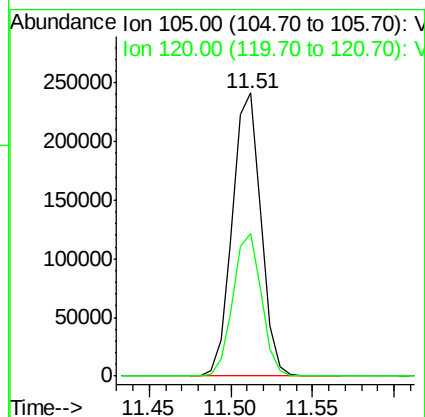
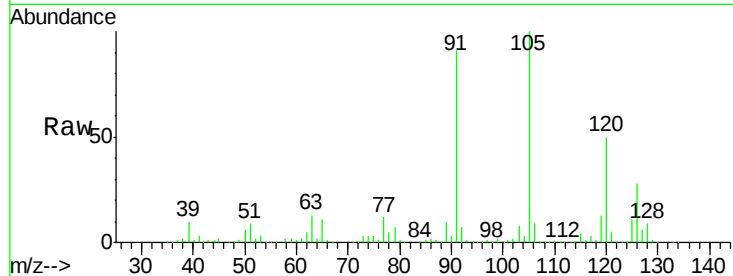
#76
 1,3,5-Trimethylbenzene
 Concen: 19.277 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.0	0.0	96.8

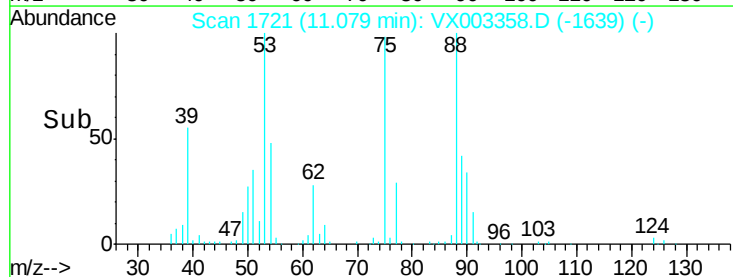
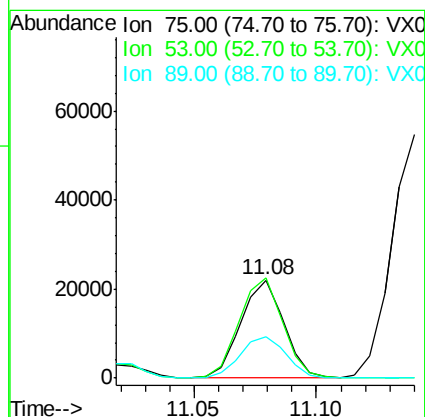
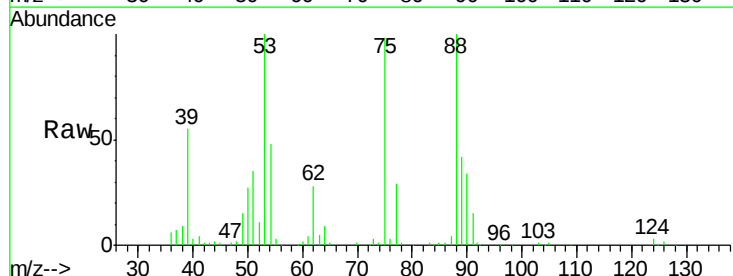
Manual Integrations
 APPROVED

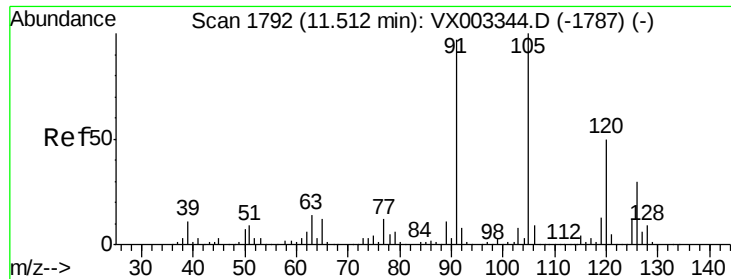
MMDadoda
 7/13/2018 11:35:56 AM



#77
 t-1,4-Dichloro-2-butene
 Concen: 17.168 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.2	48.3	144.9
89	42.7	21.8	65.4





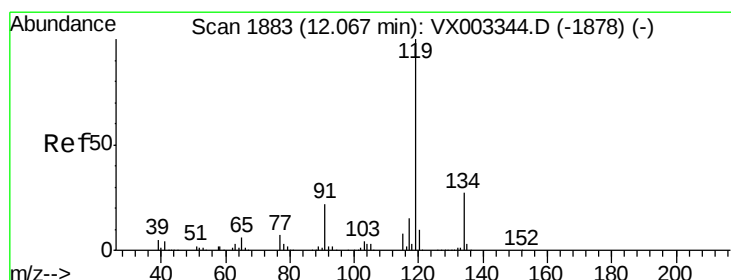
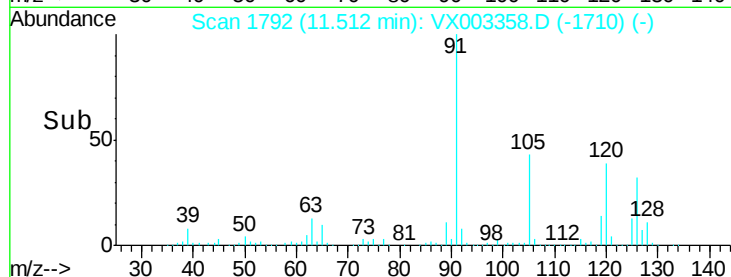
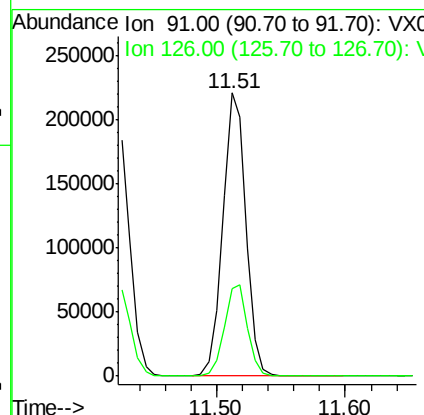
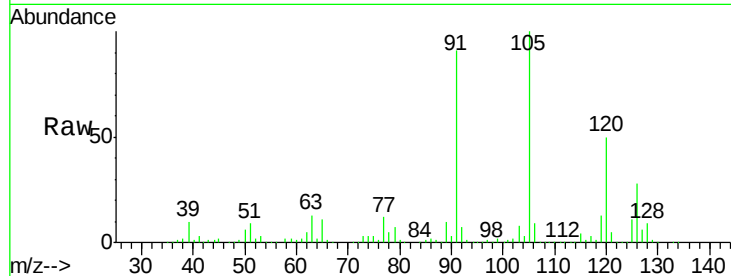
#78
4-Chlorotoluene
Concen: 19.014 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 91 Resp: 279139
Ion Ratio Lower Upper
91 100
126 32.0 0.0 61.0

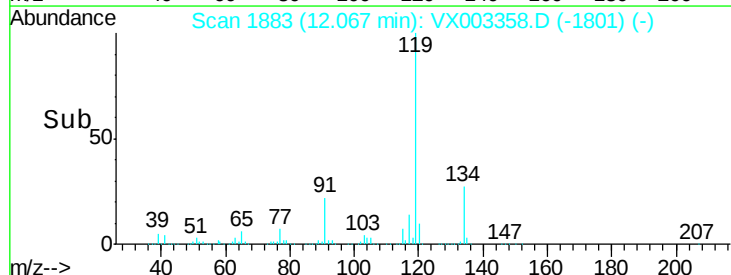
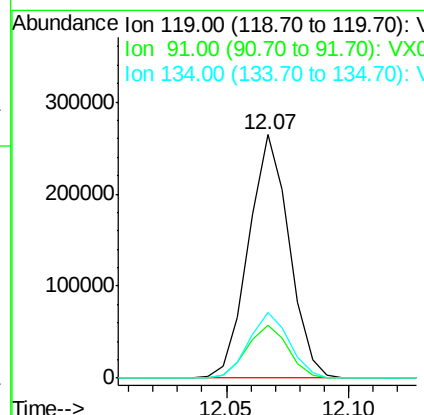
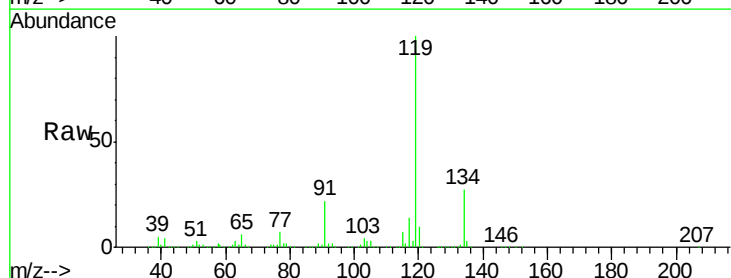
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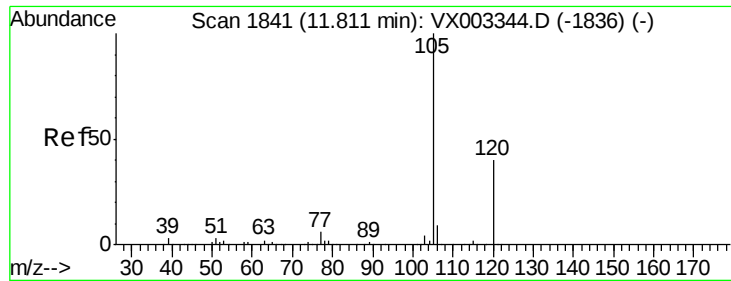
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#79
tert-butylbenzene
Concen: 18.818 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion: 119 Resp: 304223
Ion Ratio Lower Upper
119 100
91 22.3 0.0 48.0
134 26.9 0.0 52.6





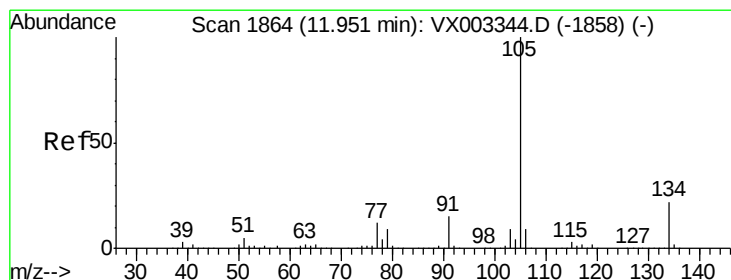
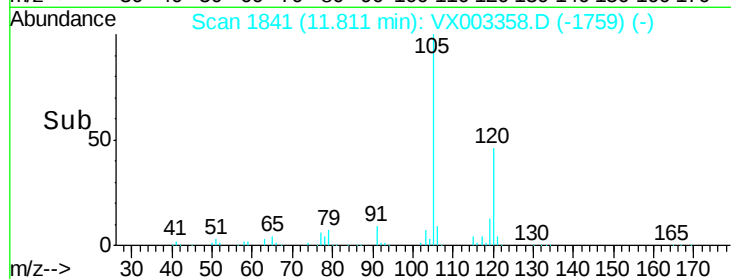
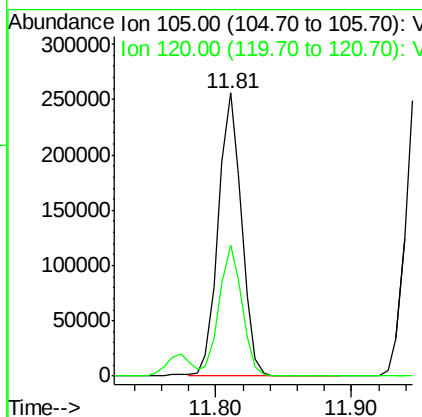
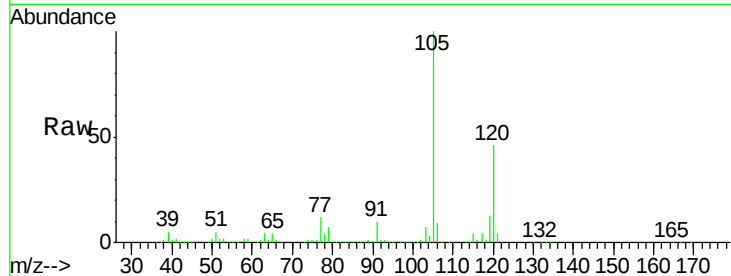
#80
 1,2,4-Trimethylbenzene
 Concen: 19.510 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:105 Resp: 302624
 Ion Ratio Lower Upper
 105 100
 120 45.4 0.0 89.2

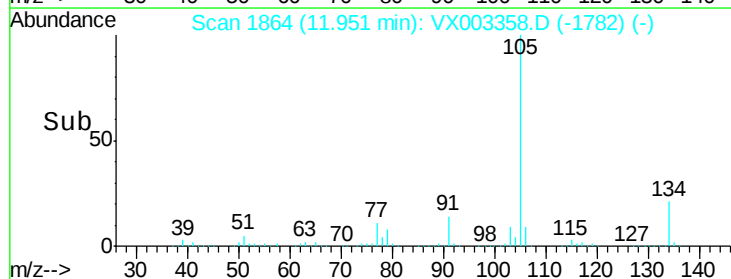
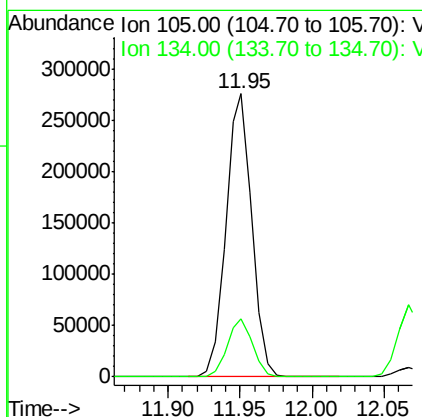
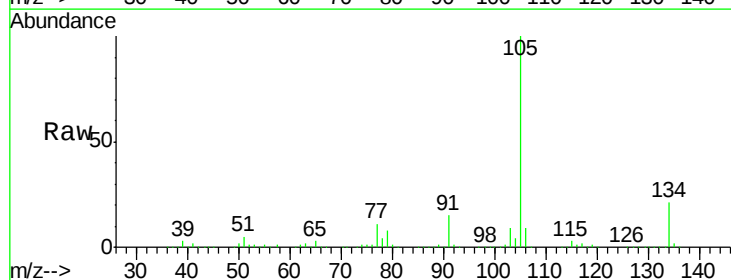
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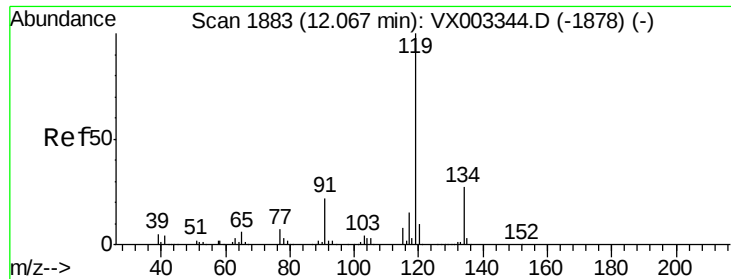
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#81
 sec-Butylbenzene
 Concen: 19.240 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Tgt Ion:105 Resp: 347457
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.6





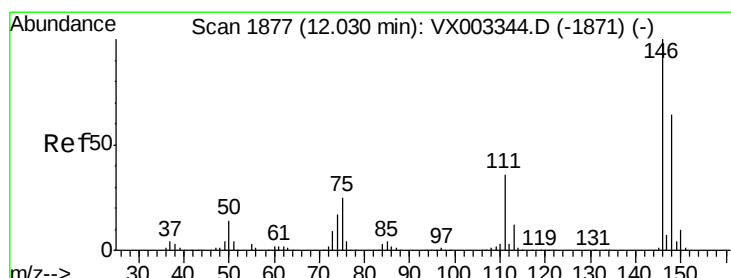
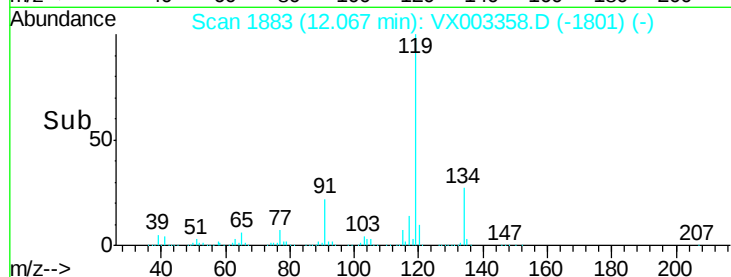
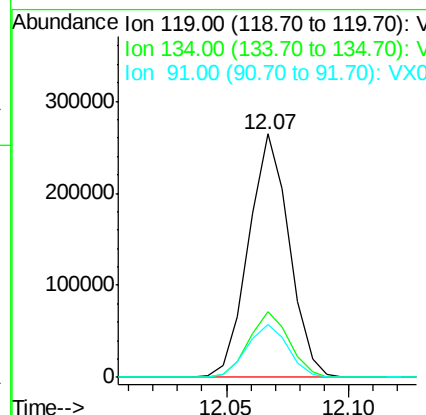
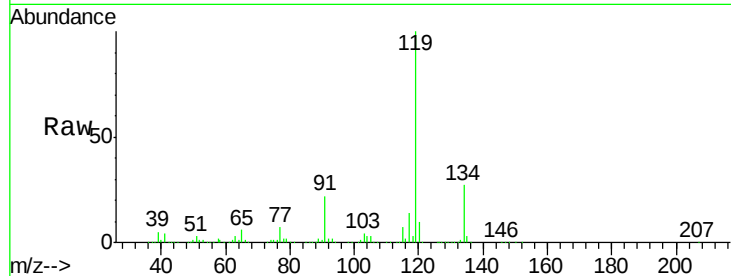
#82
 p-Isopropyltoluene
 Concen: 18.818 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	304223		
134	26.9	0.0	52.6	
91	22.3	0.0	48.0	

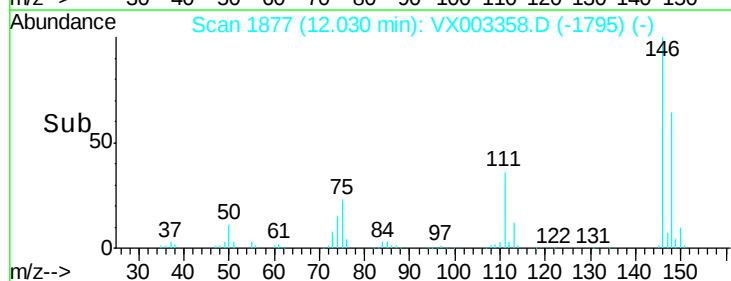
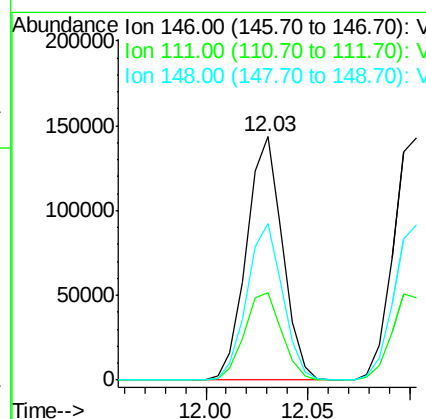
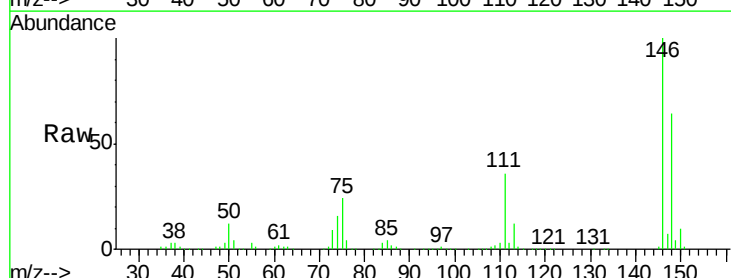
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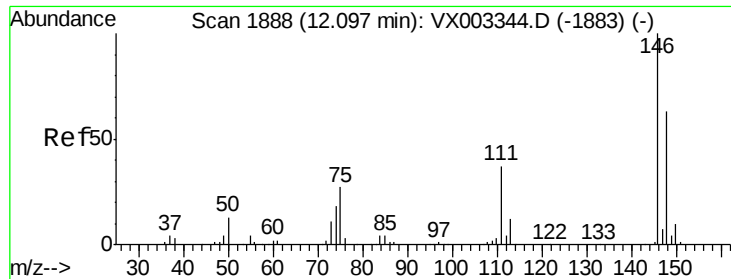
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#83
 1,3-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	176073		
111	37.2	19.1	57.5	
148	64.0	31.9	95.7	





#84

1,4-Dichlorobenzene

Concen: 19.037 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Instrument :

MSVOA_X

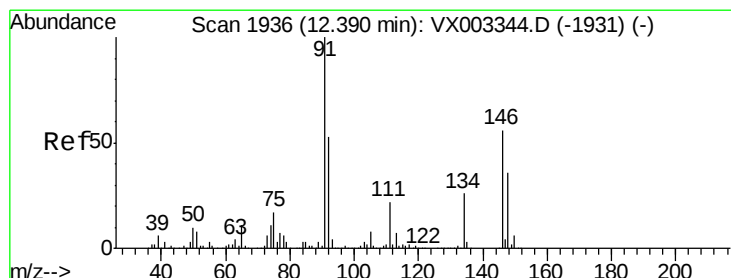
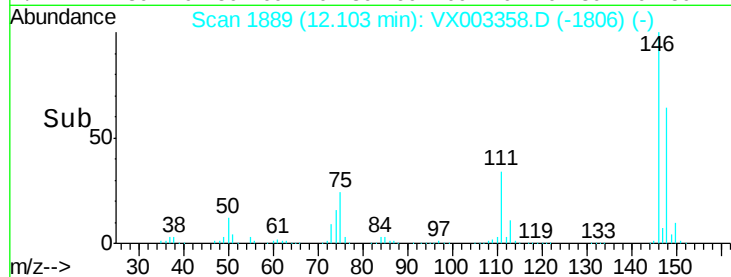
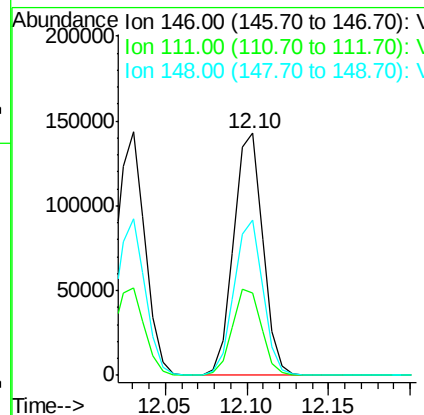
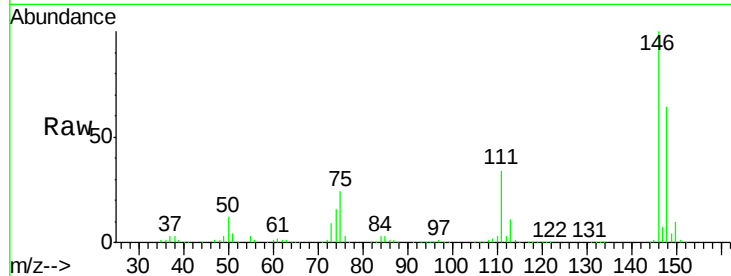
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	178508
Ion Ratio	Lower	Upper	
146	100		
111	35.5	18.5	55.5
148	62.9	32.0	96.0

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#85

n-Butylbenzene

Concen: 17.980 ug/l

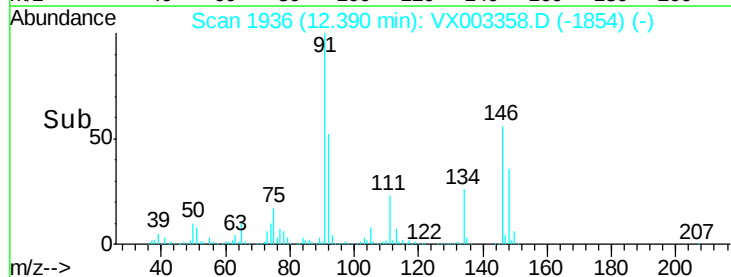
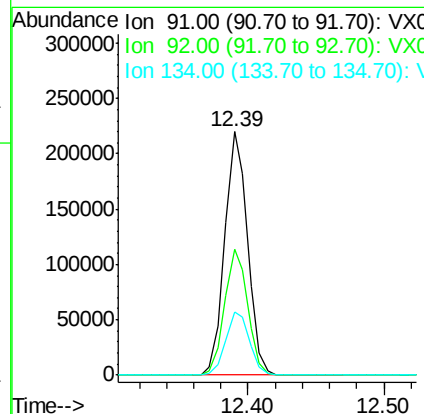
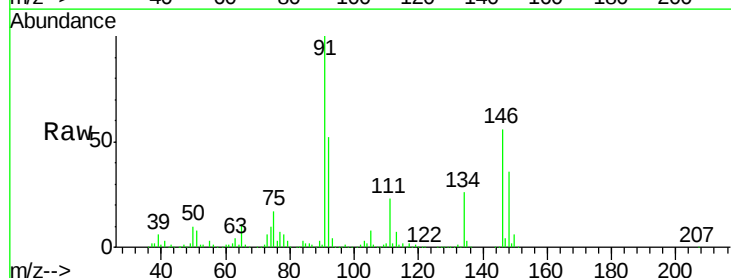
RT: 12.39 min Scan# 1936

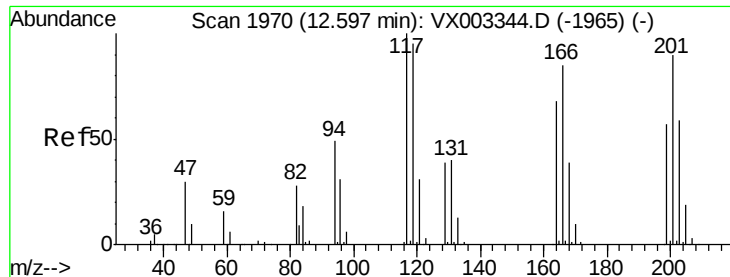
Delta R.T. -0.00 min

Lab File: VX003358.D

Acq: 12 Jul 2018 18:15

Tgt Ion:	91	Resp:	255207
Ion Ratio	Lower	Upper	
91	100		
92	52.4	0.0	105.2
134	26.9	0.0	53.2





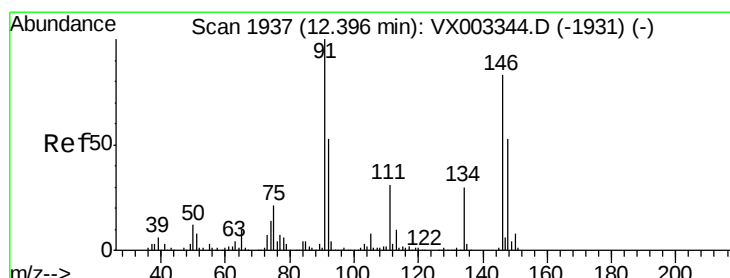
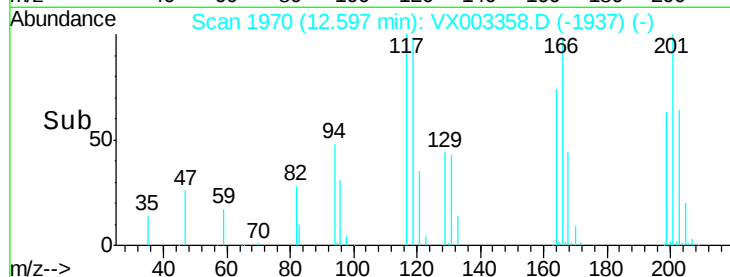
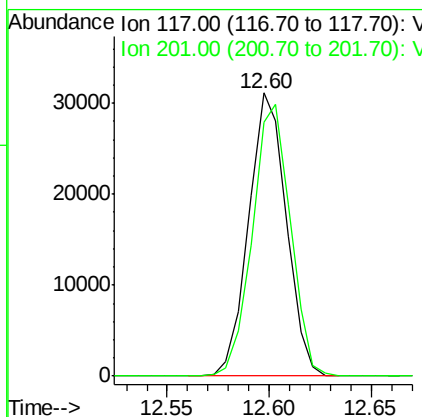
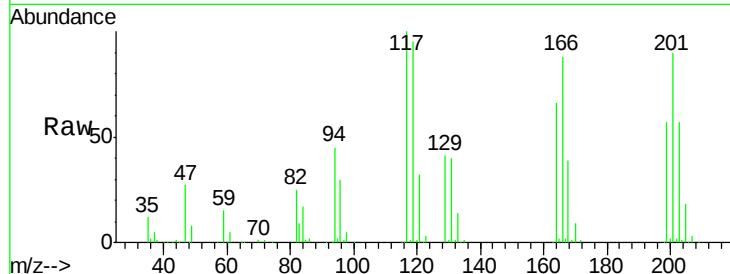
#86
Hexachloroethane
Concen: 16.845 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 40087
Ion Ratio Lower Upper
117 100
201 96.7 47.6 142.8

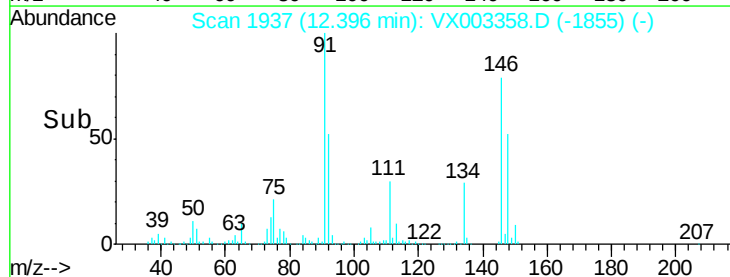
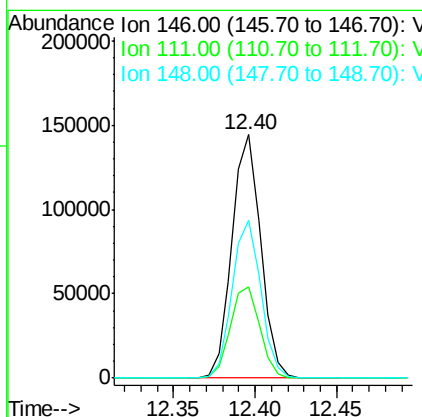
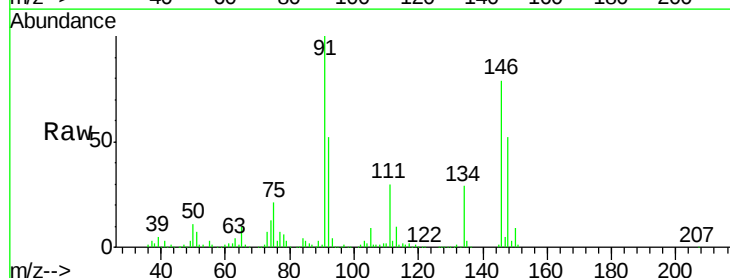
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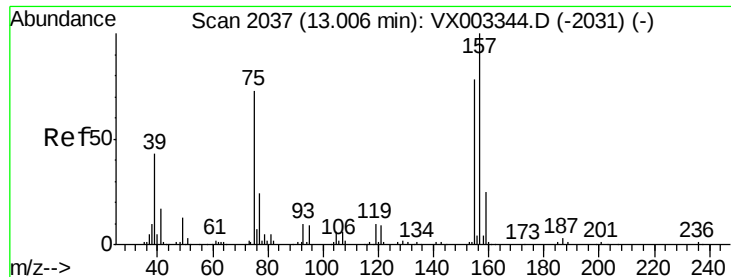
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#87
1,2-Dichlorobenzene
Concen: 19.120 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion:146 Resp: 177571
Ion Ratio Lower Upper
146 100
111 38.3 20.0 59.9
148 64.7 32.8 98.3





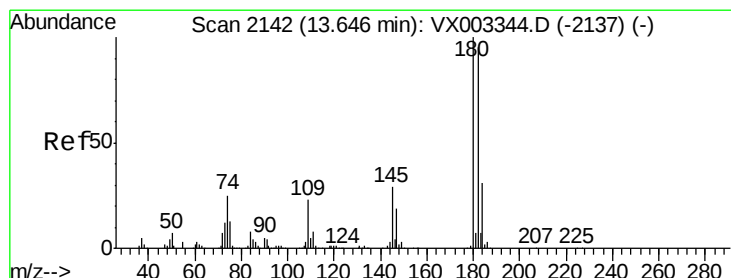
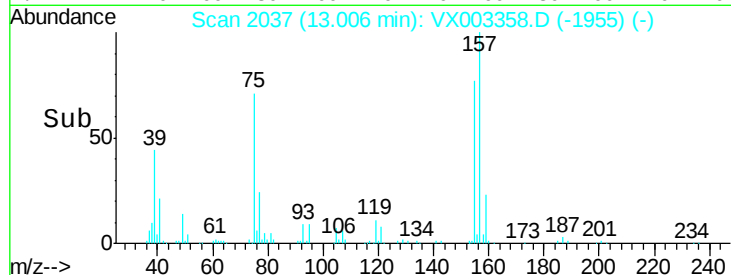
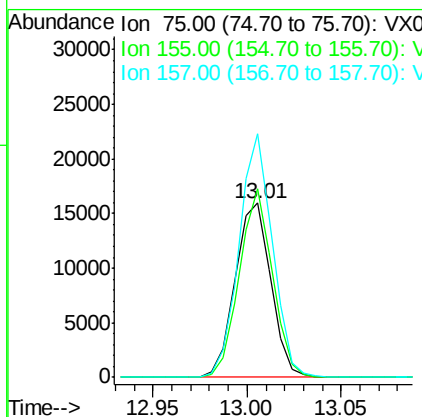
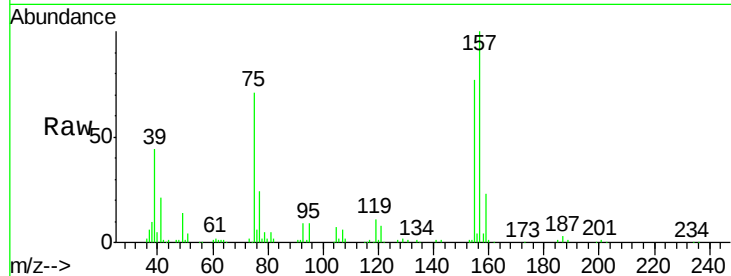
#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.833 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
155	100.2	73.1	109.7
157	130.4	93.1	139.7

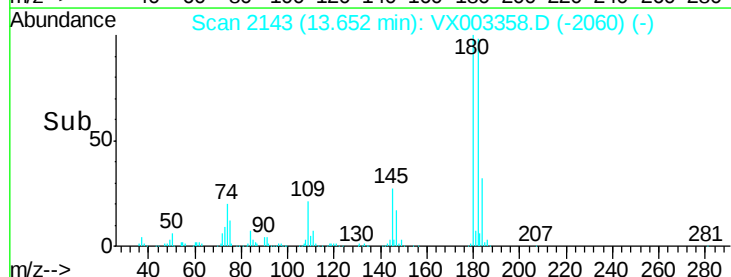
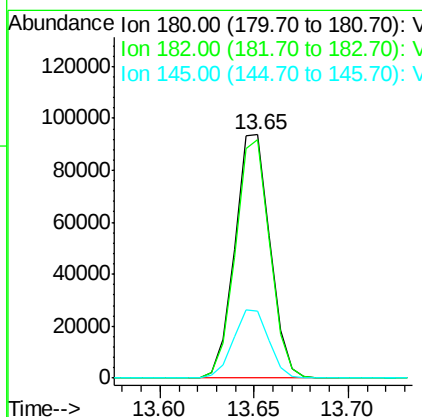
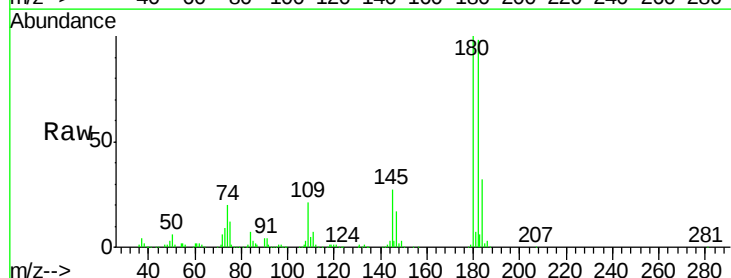
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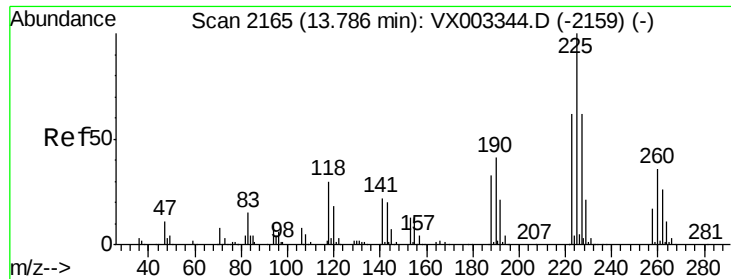
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#89
 1,2,4-Trichlorobenzene
 Concen: 18.239 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.4	114.6
145	28.2	22.9	34.3





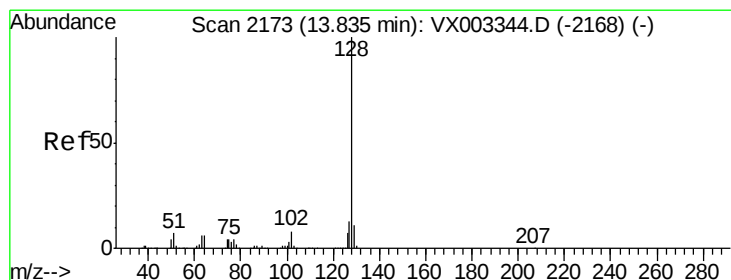
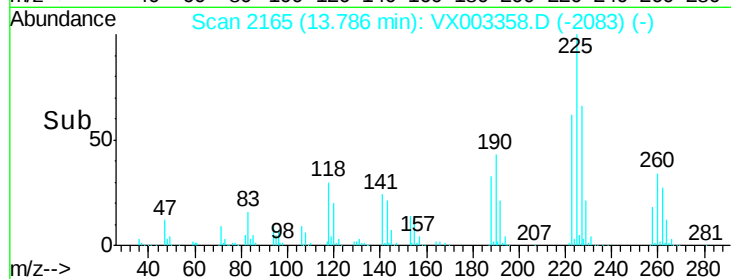
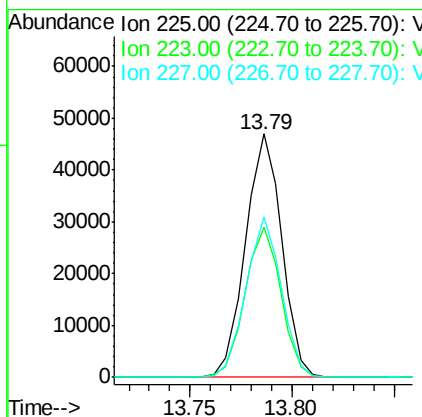
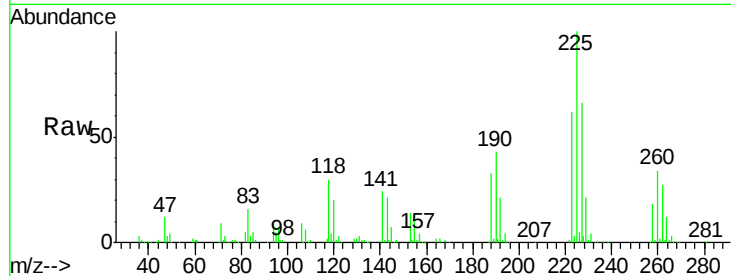
#90
Hexachlorobutadiene
Concen: 17.760 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.1	0.0	122.4
227	64.2	0.0	128.0

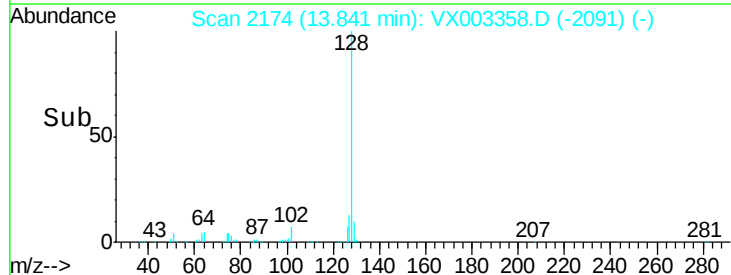
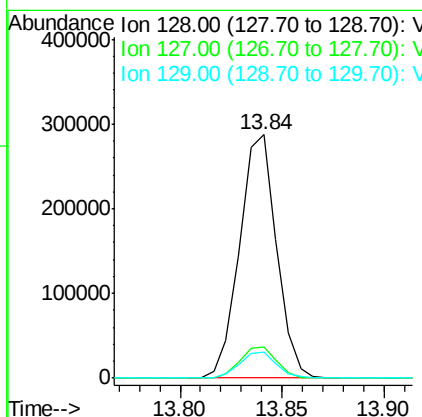
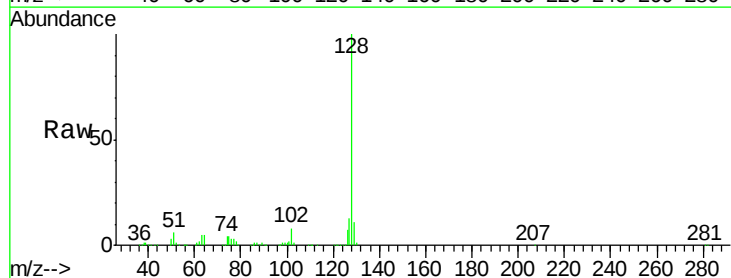
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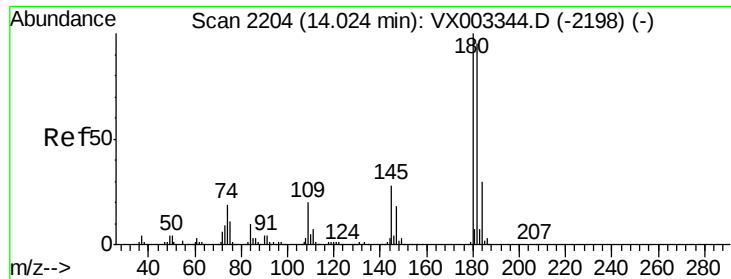
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#91
Naphthalene
Concen: 18.779 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003358.D
Acq: 12 Jul 2018 18:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.9	13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 18.636 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: VX003358.D
 Acq: 12 Jul 2018 18:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	0.0	191.0
145	29.9	0.0	60.6

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