

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\
 Data File : VX008008.D
 Acq On : 12 Mar 2019 11:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2019 11:48:44 AM

Quant Time: Mar 12 13:49:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150689	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	122706	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	110318	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	408724	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.13	95	143391	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	87760	44.727	ug/l	98
3) Chloromethane	1.33	50	115854	45.818	ug/l	99
4) Vinyl Chloride	1.41	62	122601	48.797	ug/l	100
5) Bromomethane	1.64	94	63767	54.178	ug/l	99
6) Chloroethane	1.72	64	76629	45.911	ug/l	98
7) Trichlorofluoromethane	1.93	101	162212	49.589	ug/l	99
8) Diethyl Ether	2.19	74	72495	51.179	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	96887	47.796	ug/l	99
10) Methyl Iodide	2.51	142	154505	53.727	ug/l	99
11) Tert butyl alcohol	3.08	59	138252	255.172	ug/l	100
12) 1,1-Dichloroethene	2.37	96	97883	50.094	ug/l	99
13) Acrolein	2.30	56	17072	56.878	ug/l	95
14) Allyl chloride	2.73	41	186026	45.307	ug/l	99
15) Acrylonitrile	3.15	53	330738	241.847	ug/l	100
16) Acetone	2.45	43	275496	196.463	ug/l	99
17) Carbon Disulfide	2.57	76	289963	48.857	ug/l	100
18) Methyl Acetate	2.78	43	160345	53.824	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	346688	51.574	ug/l	100
20) Methylene Chloride	2.86	84	109203	48.932	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	105806	49.212	ug/l	96
22) Diisopropyl ether	3.87	45	366738	48.726	ug/l	99
23) Vinyl Acetate	3.82	43	1494453	226.424	ug/l	99
24) 1,1-Dichloroethane	3.70	63	199190	49.178	ug/l	100
25) 2-Butanone	4.70	43	448491	225.910	ug/l	97
26) 2,2-Dichloropropane	4.59	77	82596	30.780	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	121343	49.322	ug/l	94
28) Bromochloromethane	5.02	49	93120	49.313	ug/l	95
29) Tetrahydrofuran	5.15	42	300346	242.540	ug/l	98
30) Chloroform	5.21	83	192851	50.334	ug/l	99
31) Cyclohexane	5.57	56	179033	48.093	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	163483	51.426	ug/l	98
36) 1,1-Dichloropropene	5.80	75	145064	47.105	ug/l	99
37) Ethyl Acetate	4.85	43	169130	46.280	ug/l	98
38) Carbon Tetrachloride	5.78	117	144269	49.346	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	170725	45.751	ug/l	98
40) Benzene	6.14	78	451597	49.258	ug/l	100
41) Methacrylonitrile	5.06	41	95619	47.991	ug/l	98
42) 1,2-Dichloroethane	6.20	62	146146	48.744	ug/l	99
43) Isopropyl Acetate	6.46	43	263183	48.661	ug/l	99
44) Trichloroethene	7.21	130	124492	49.274	ug/l	100
45) 1,2-Dichloropropane	7.52	63	119907	49.519	ug/l	100
46) Dibromomethane	7.66	93	75637	49.358	ug/l	99
47) Bromodichloromethane	7.90	83	143937	49.541	ug/l	99
48) Methyl methacrylate	7.77	41	139182	48.946	ug/l	98
49) 1,4-Dioxane	7.75	88	57620	986.413	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	850179	244.427	ug/l	99
52) Toluene	8.79	92	282665	50.500	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	148134	48.849	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165001	48.183	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115782	51.099	ug/l	99
56) Ethyl methacrylate	9.18	69	176290	51.819	ug/l	97
57) 1,3-Dichloropropane	9.37	76	191013	50.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	466404	265.030	ug/l	99
59) 2-Hexanone	9.49	43	630777	233.583	ug/l	99
60) Dibromochloromethane	9.59	129	121992	51.509	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123002	51.129	ug/l	99
64) Tetrachloroethene	9.34	164	131575	53.215	ug/l	98
65) Chlorobenzene	10.14	112	308560	49.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	114316	51.087	ug/l	99
67) Ethyl Benzene	10.25	91	520461	50.641	ug/l	99
68) m/p-Xylenes	10.36	106	400878	101.195	ug/l	100
69) o-Xylene	10.69	106	193656	50.635	ug/l	100
70) Styrene	10.71	104	322324	51.502	ug/l	100
71) Bromoform	10.85	173	96233	50.078	ug/l #	100
73) Isopropylbenzene	11.02	105	517950	50.823	ug/l	100
74) N-amyl acetate	10.90	43	214056	46.008	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	166518	47.369	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	137874m	43.602	ug/l	
77) Bromobenzene	11.26	156	139233	49.831	ug/l	98
78) n-propylbenzene	11.36	91	569710	50.390	ug/l	100
79) 2-Chlorotoluene	11.42	91	341152	49.351	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	428839	51.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41426	41.877	ug/l	99
82) 4-Chlorotoluene	11.51	91	392306	49.521	ug/l	99
83) tert-Butylbenzene	11.77	119	420318	49.747	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	438108	50.950	ug/l	100
85) sec-Butylbenzene	11.94	105	507054	50.955	ug/l	100
86) p-Isopropyltoluene	12.06	119	457334	51.317	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	242846	49.128	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	244163	48.232	ug/l	100
89) n-Butylbenzene	12.38	91	375342	49.712	ug/l	99
90) Hexachloroethane	12.60	117	74930	50.287	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	240458	48.966	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34443	46.881	ug/l	95

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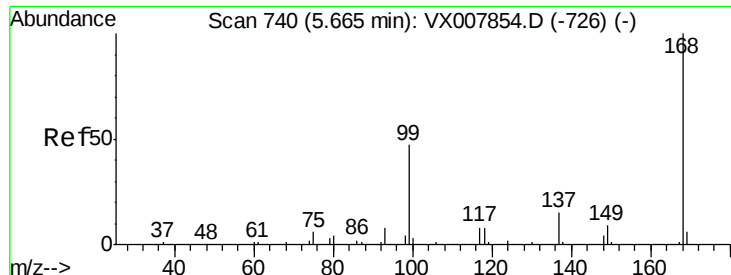
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	173117	50.183	ug/l	100
94) Hexachlorobutadiene	13.78	225	87939	48.758	ug/l	99
95) Naphthalene	13.83	128	517922	52.106	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	171821	49.999	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:168 Resp: 229661

Ion Ratio Lower Upper

168 100

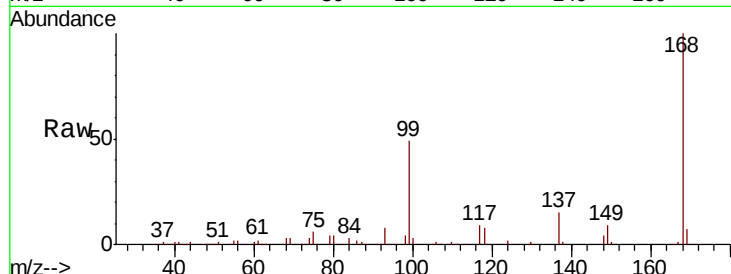
99 48.8 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

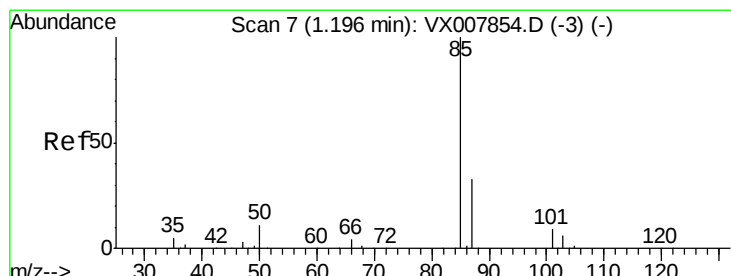
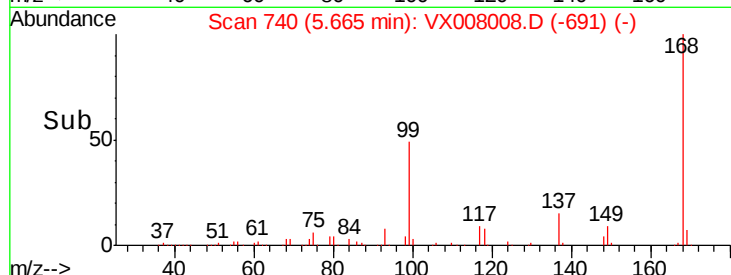
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.727 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008008.D

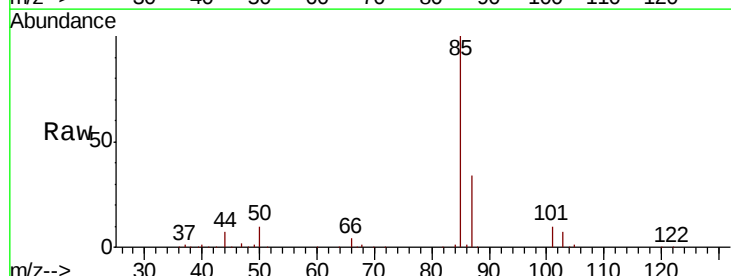
Acq: 12 Mar 2019 11:07

Tgt Ion: 85 Resp: 87760

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

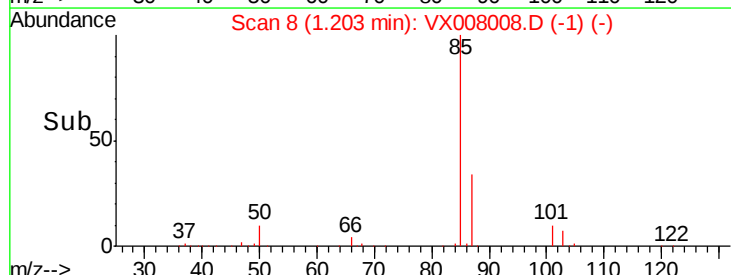
40000

20000

0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 45.818 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 115854

Ion Ratio Lower Upper

50 100

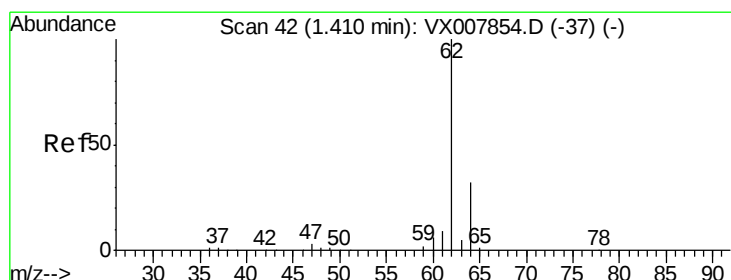
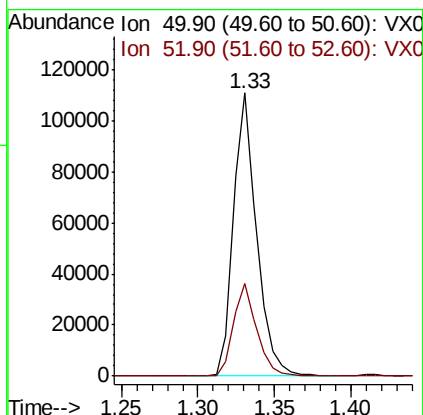
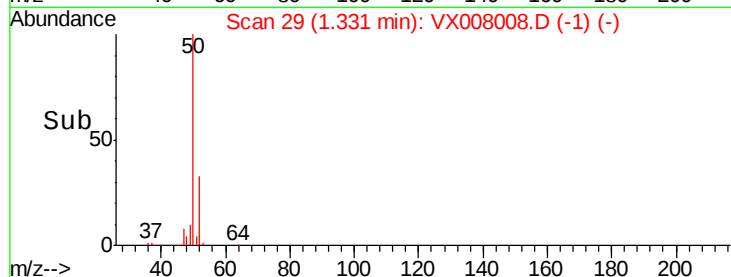
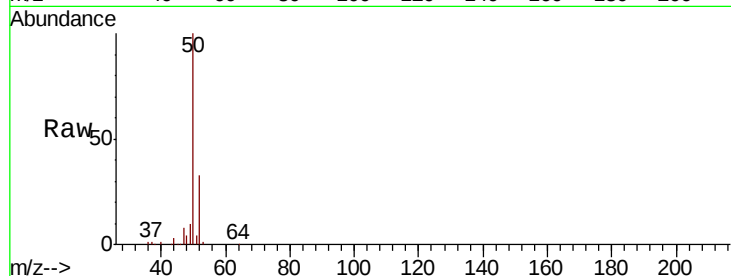
52 32.6 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.797 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008008.D

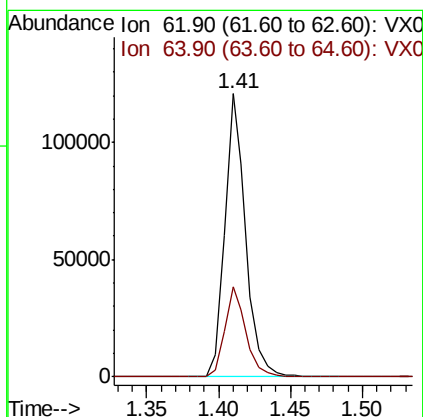
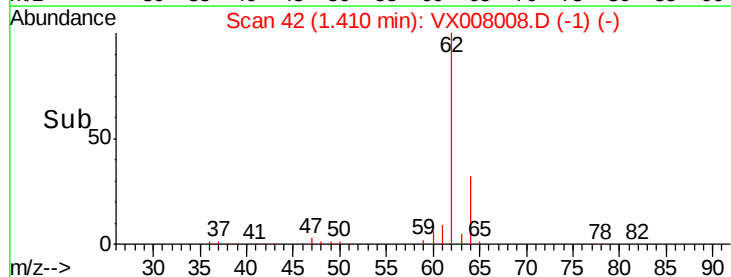
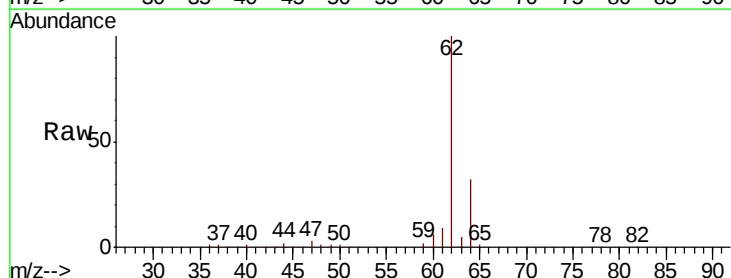
Acq: 12 Mar 2019 11:07

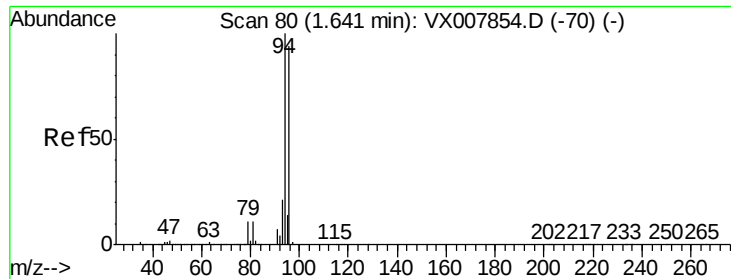
Tgt Ion: 62 Resp: 122601

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





#5

Bromomethane

Concen: 54.178 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 63767

Ion Ratio Lower Upper

94 100

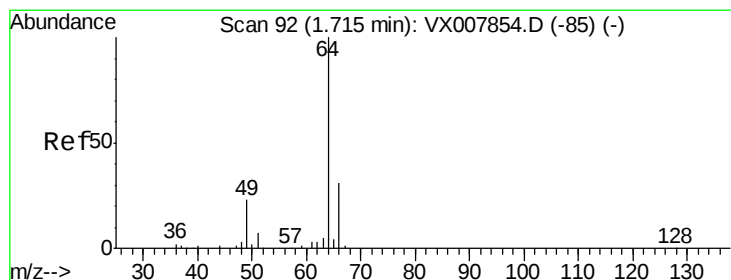
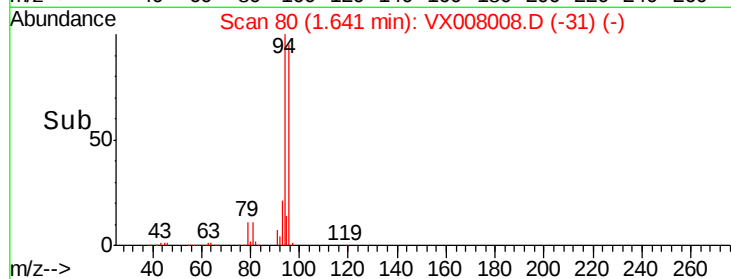
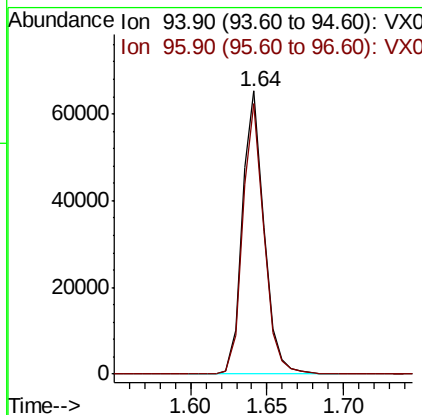
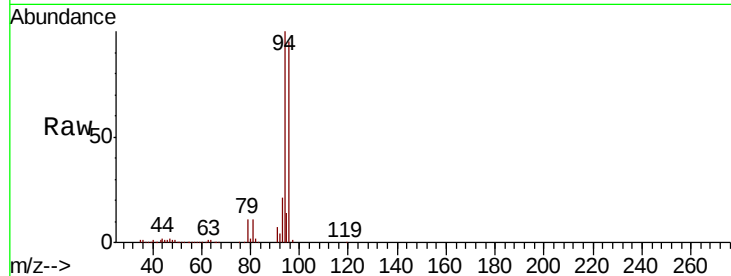
96 95.4 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 45.911 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008008.D

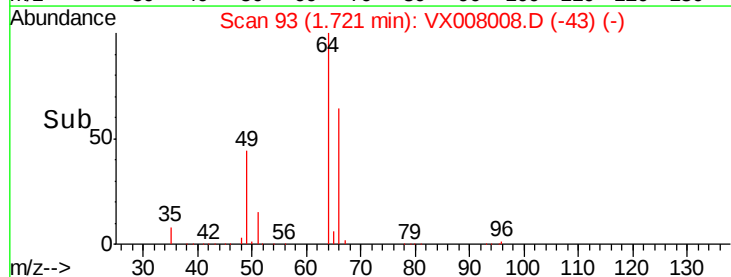
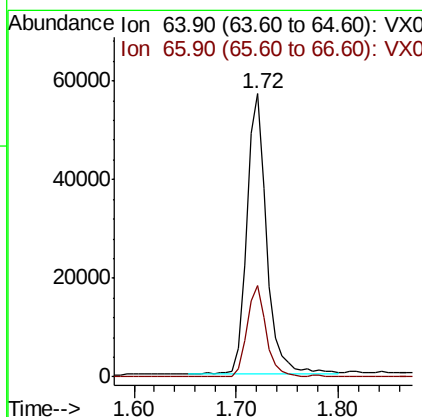
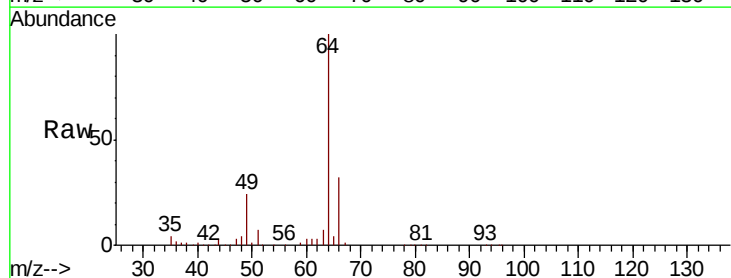
Acq: 12 Mar 2019 11:07

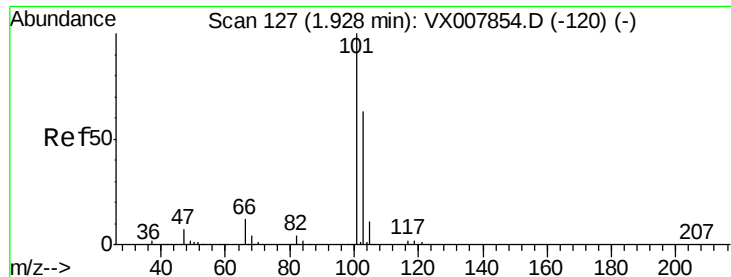
Tgt Ion: 64 Resp: 76629

Ion Ratio Lower Upper

64 100

66 32.7 25.2 37.8





#7

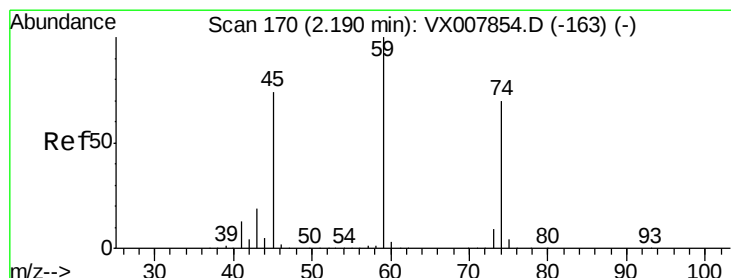
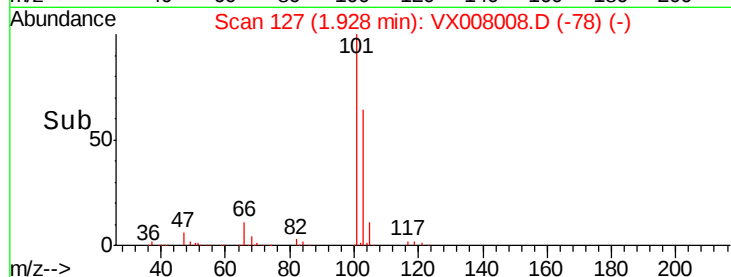
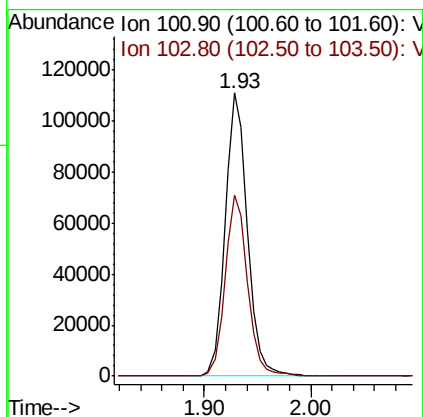
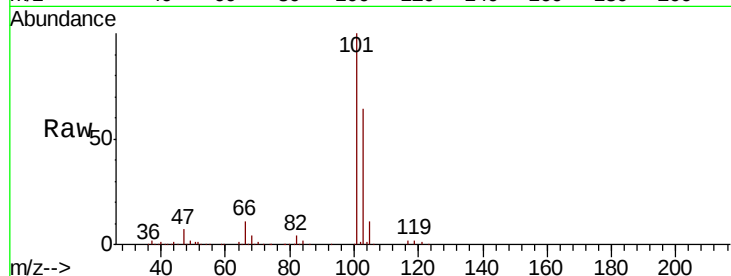
Trichlorofluoromethane
Concen: 49.589 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.4	75.6

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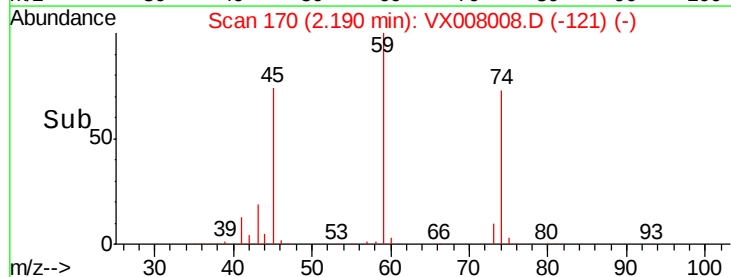
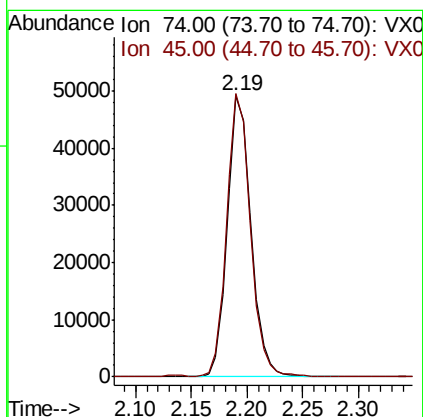
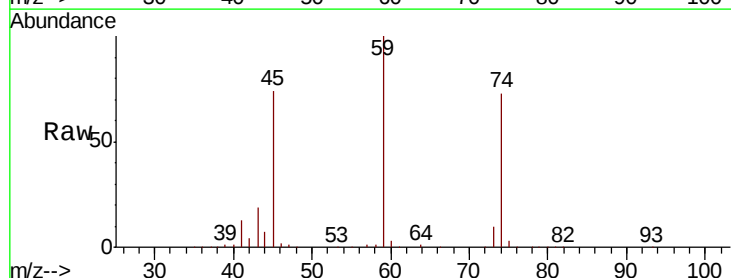
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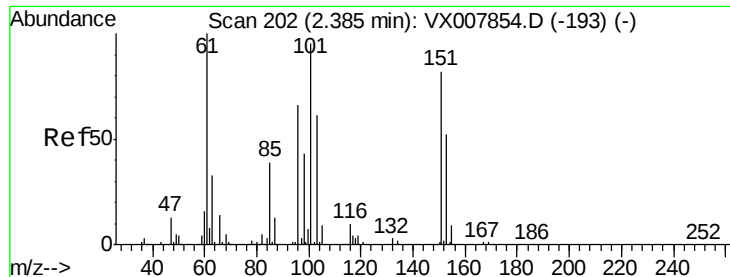


#8

Diethyl Ether
Concen: 51.179 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.3	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.796 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

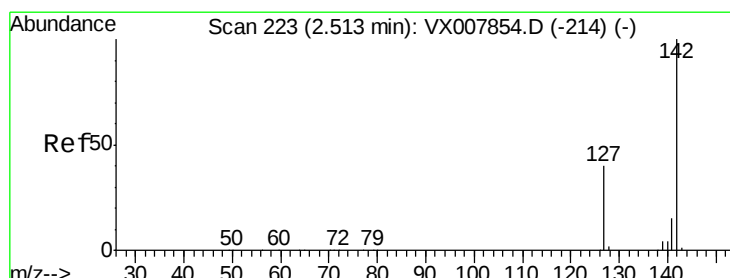
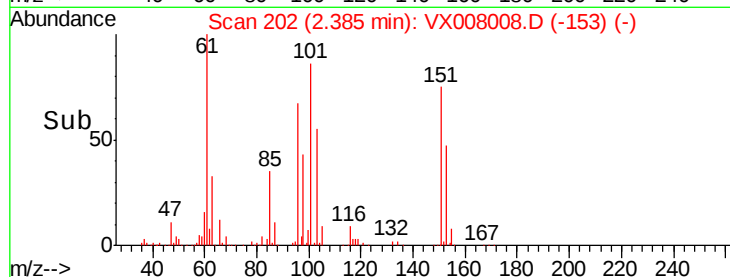
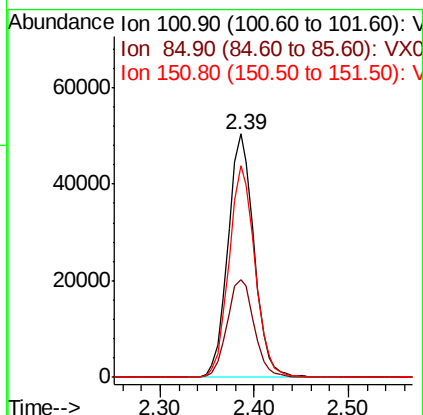
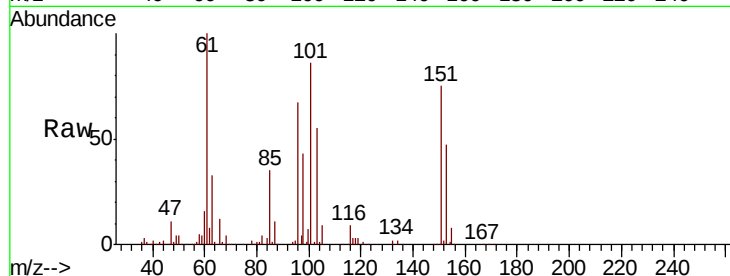
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	96887
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.8	50.6
151	87.2	69.1	103.7

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#10

Methyl Iodide

Concen: 53.727 ug/l

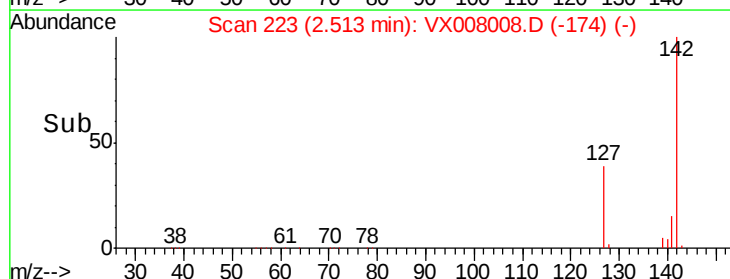
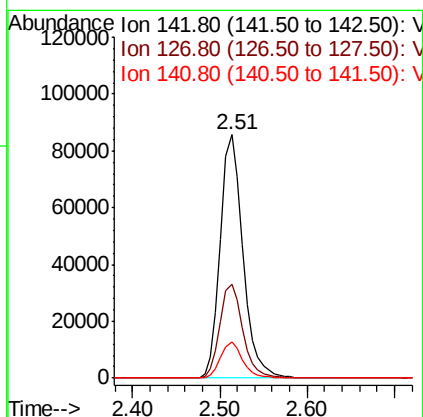
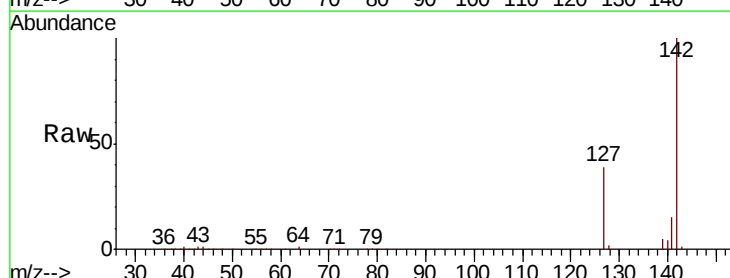
RT: 2.51 min Scan# 223

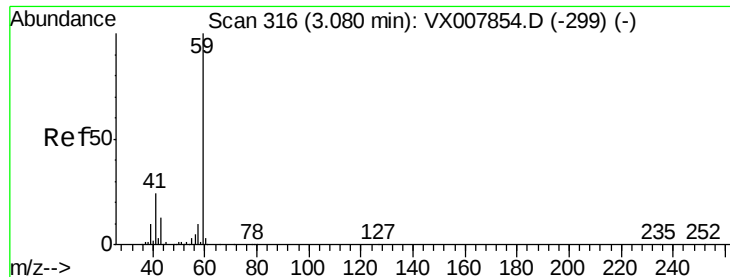
Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion:	142	Resp:	154505
Ion Ratio	Lower	Upper	
142	100		
127	39.1	32.1	48.1
141	14.4	11.4	17.2





#11

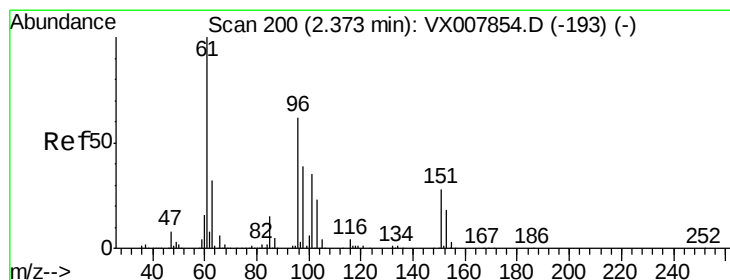
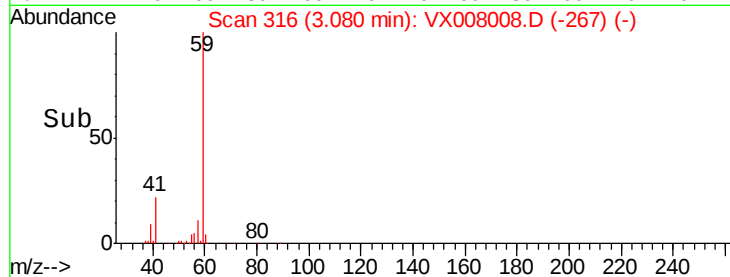
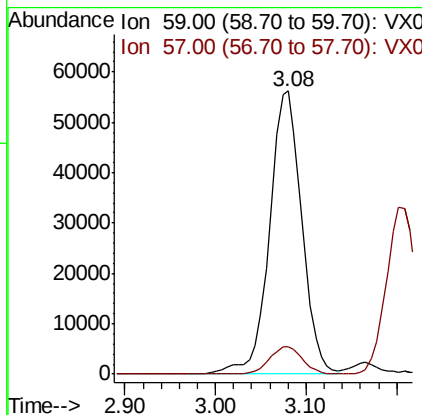
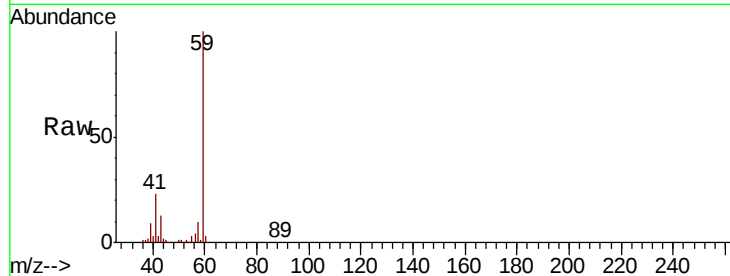
Tert butyl alcohol
 Concen: 255.172 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

Manual Integrations
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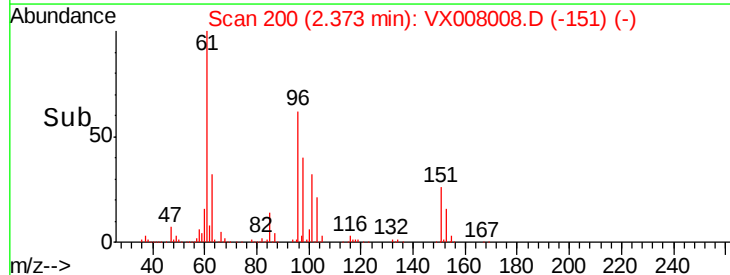
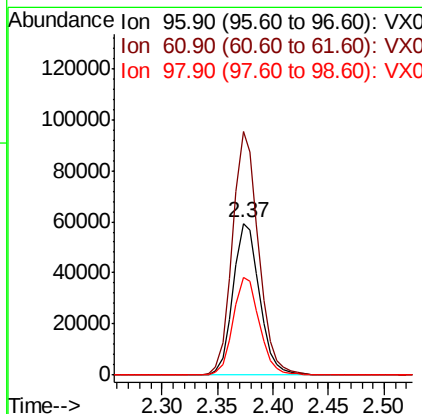
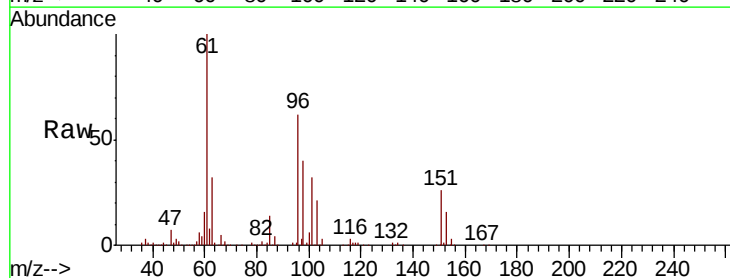
MMDadoda
 3/16/2019 11:48:44 AM



#12

1,1-Dichloroethene
 Concen: 50.094 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	129.8	194.6
98	64.0	51.0	76.6





#13

Acrolein

Concen: 56.878 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 17072

Ion Ratio Lower Upper

56 100

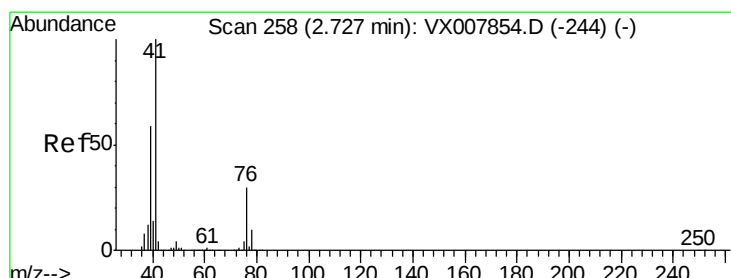
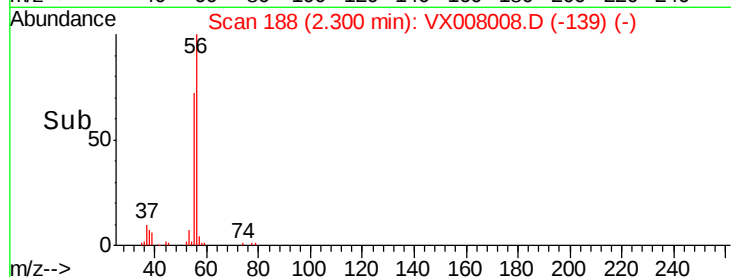
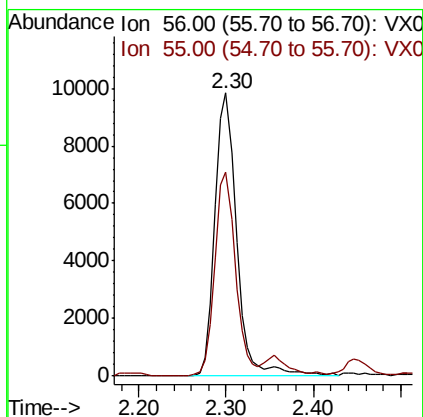
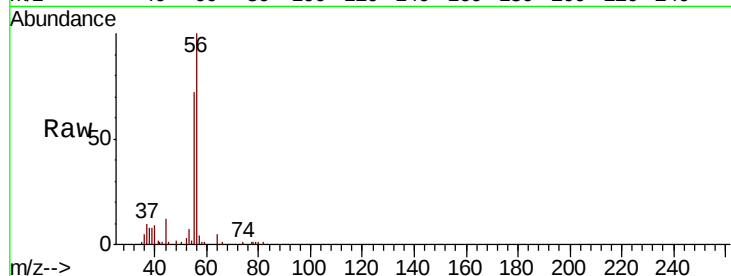
55 68.4 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 45.307 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

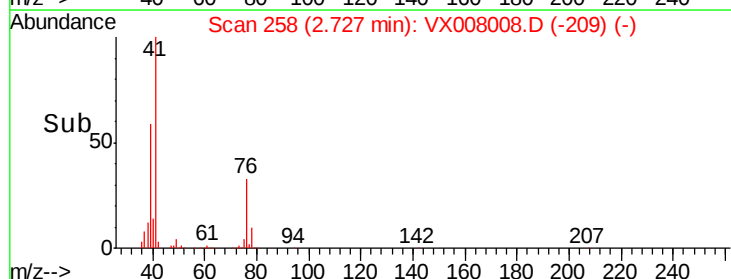
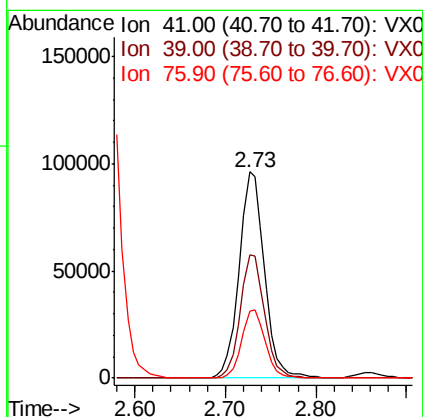
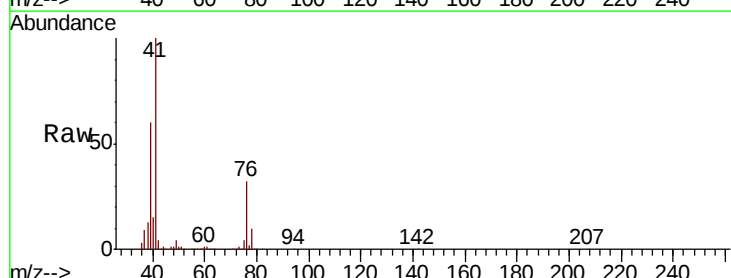
Tgt Ion: 41 Resp: 186026

Ion Ratio Lower Upper

41 100

39 57.2 46.1 69.1

76 31.1 24.0 36.0





#15

Acrylonitrile

Concen: 241.847 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

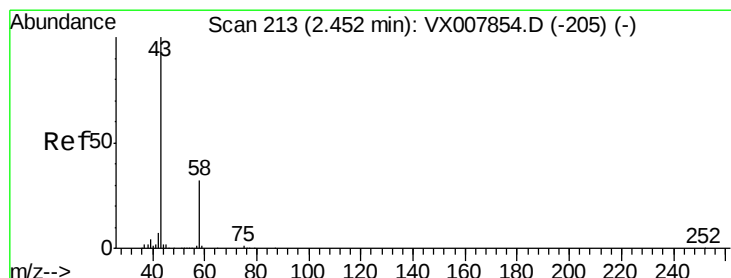
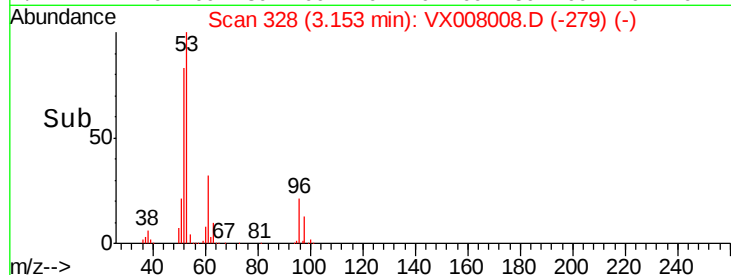
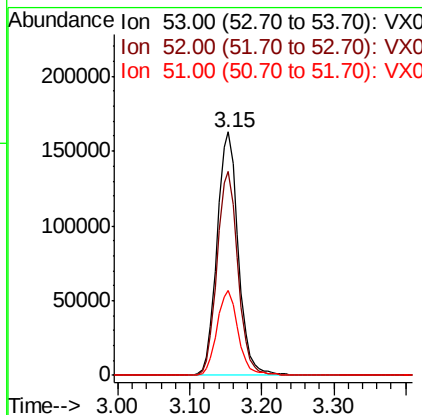
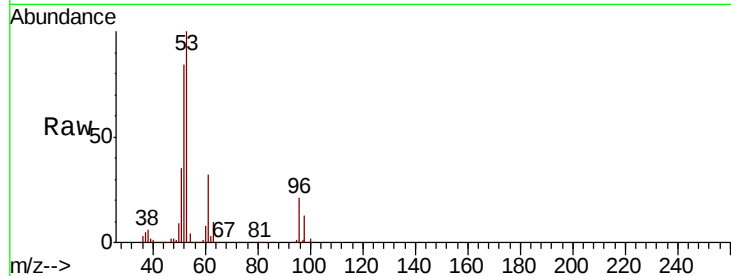
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	330738
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.0	99.0
51	35.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 196.463 ug/l

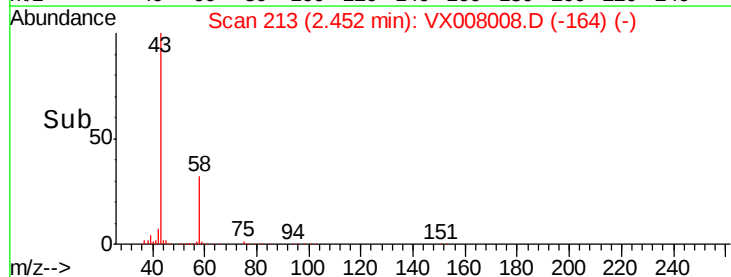
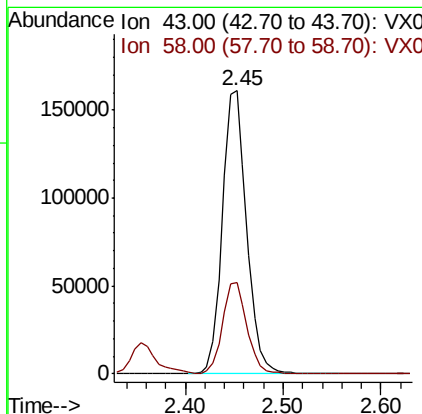
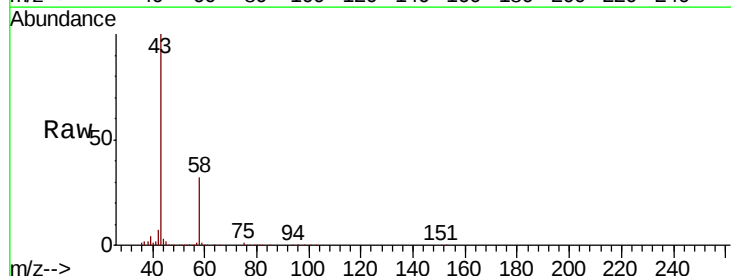
RT: 2.45 min Scan# 213

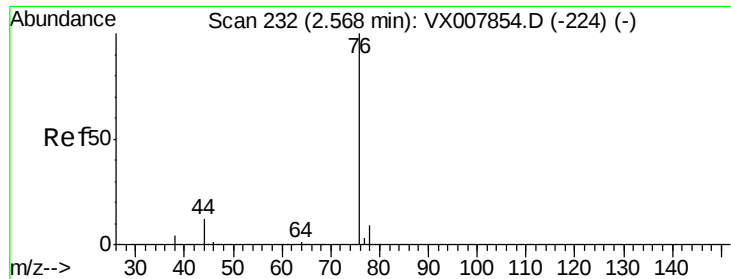
Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion:	43	Resp:	275496
Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.5	38.3





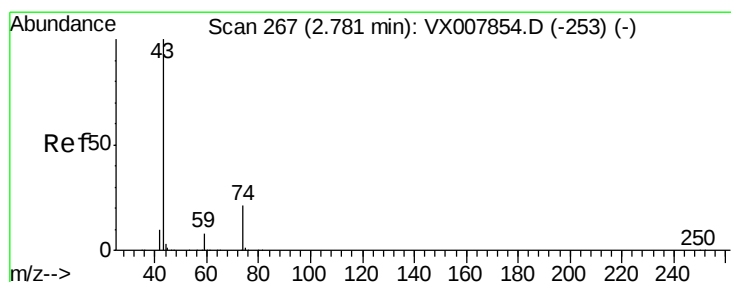
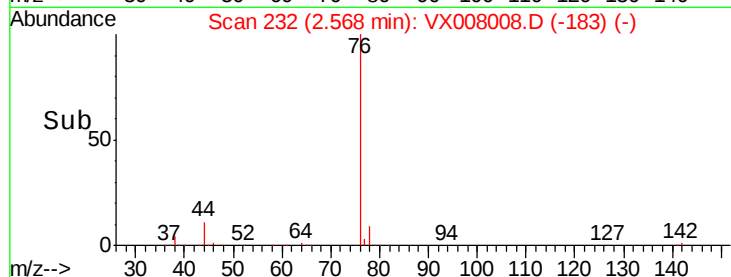
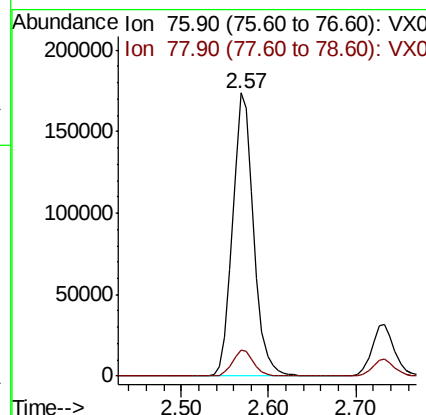
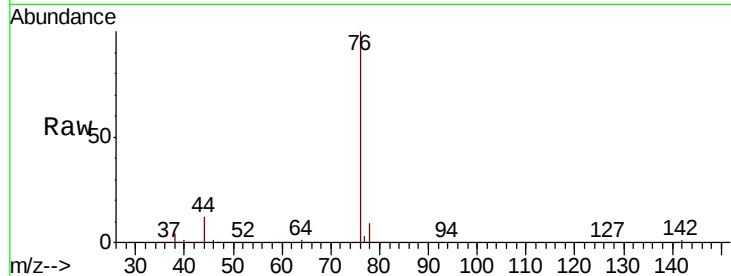
#17
Carbon Disulfide
Concen: 48.857 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

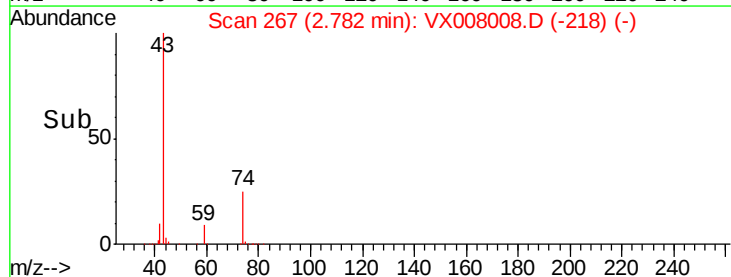
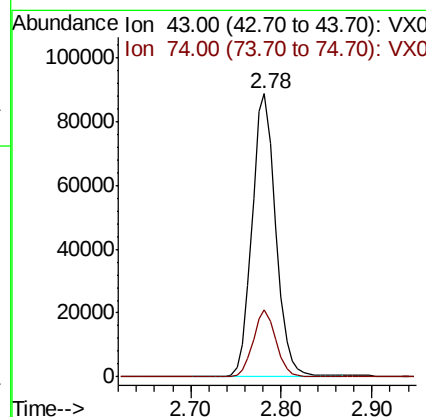
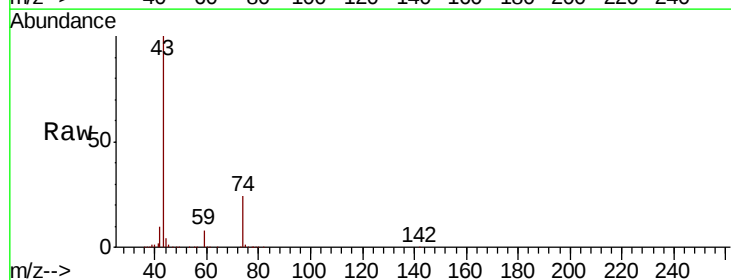
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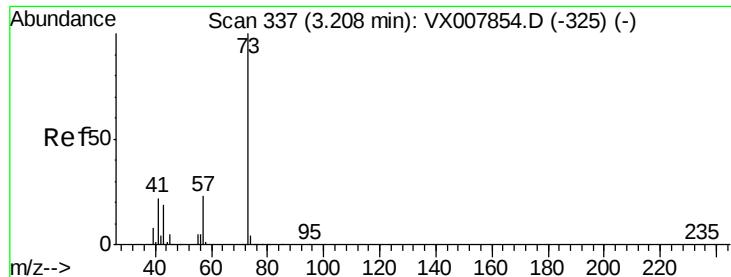
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#18
Methyl Acetate
Concen: 53.824 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.8	26.6





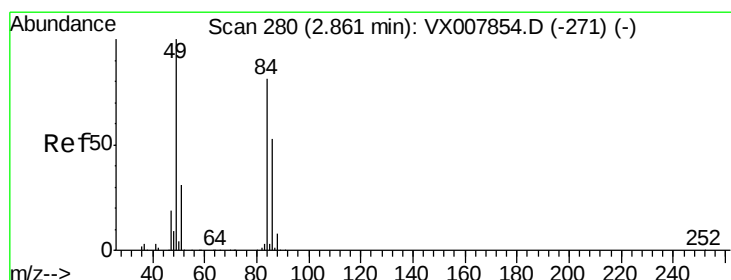
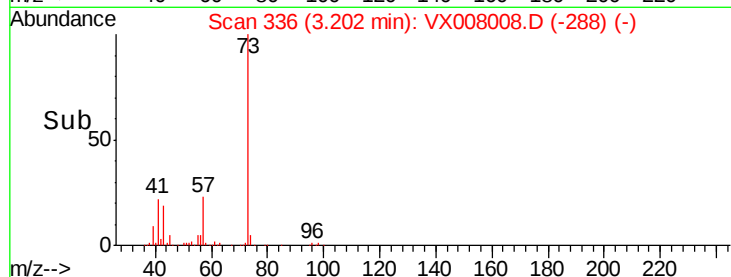
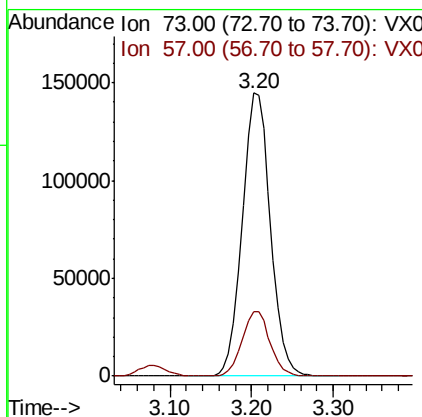
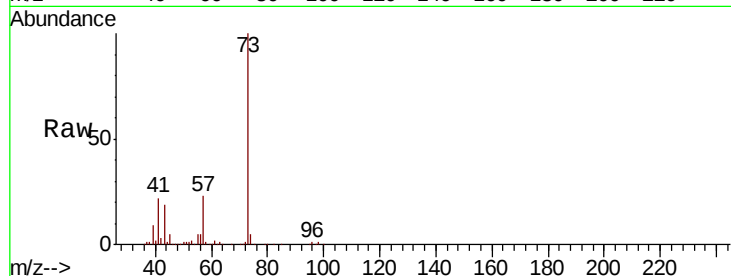
#19
Methyl tert-butyl Ether
Concen: 51.574 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 346688
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4

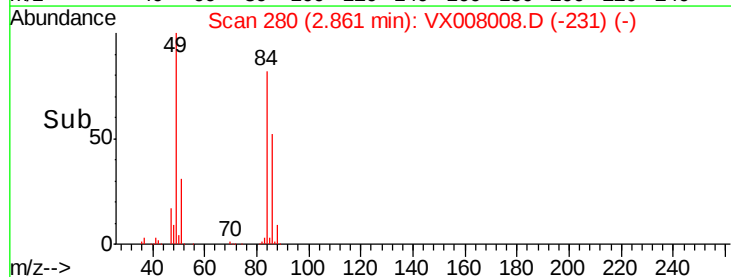
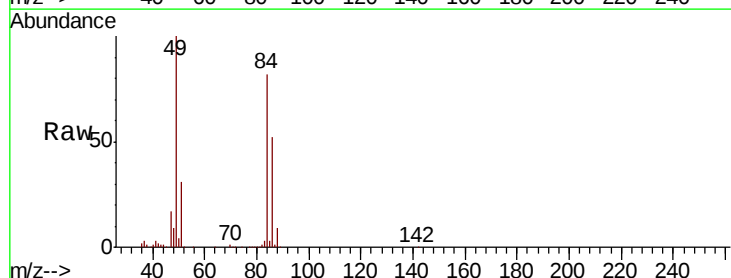
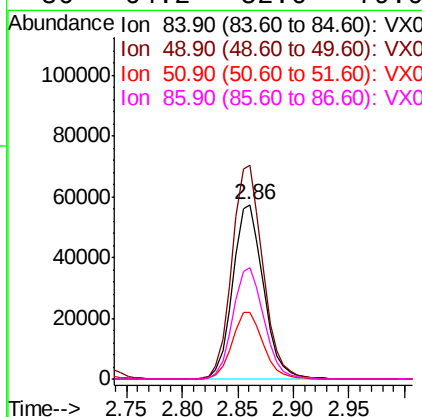
Manual Integrations
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#20
Methylene Chloride
Concen: 48.932 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 84 Resp: 109203
Ion Ratio Lower Upper
84 100
49 122.4 99.3 148.9
51 38.3 31.3 46.9
86 64.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.212 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

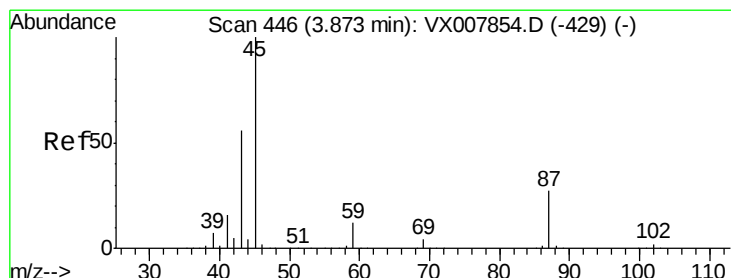
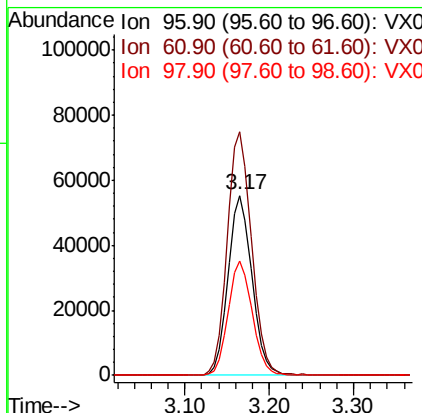
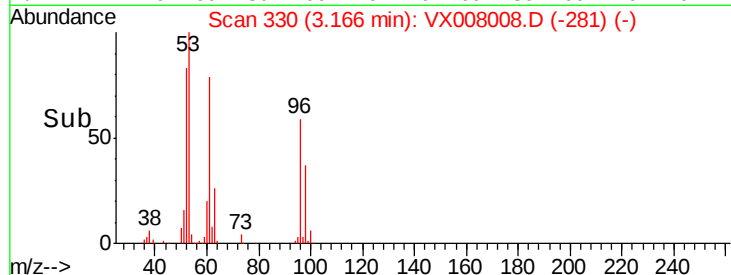
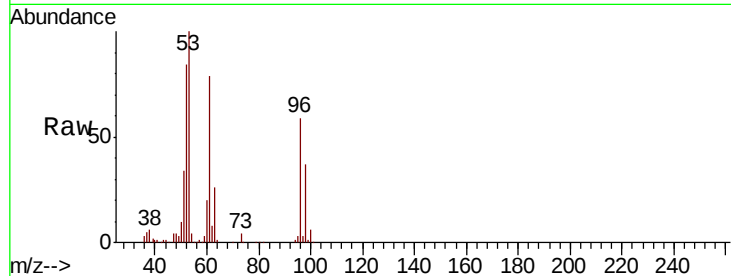
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	105806
Ion Ratio	Lower	Upper	
96	100		
61	135.4	114.4	171.6
98	63.6	51.1	76.7

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#22

Diisopropyl ether

Concen: 48.726 ug/l

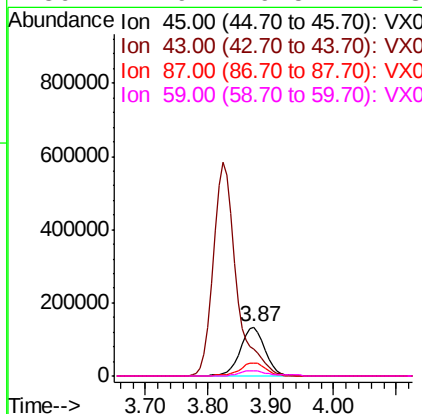
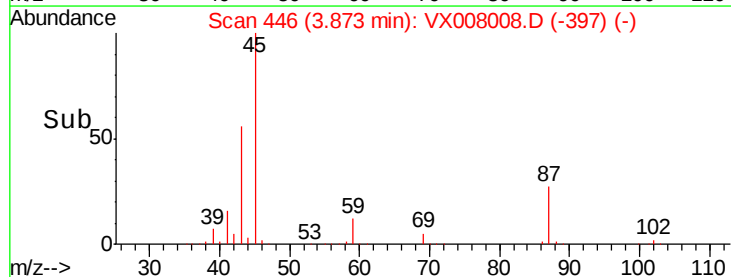
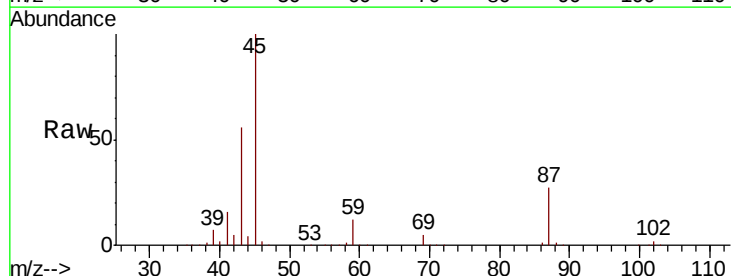
RT: 3.87 min Scan# 446

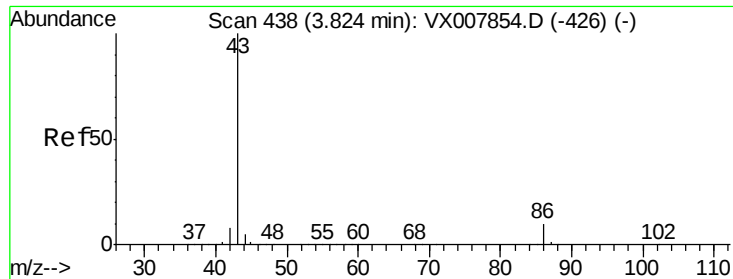
Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion:	45	Resp:	366738
Ion Ratio	Lower	Upper	
45	100		
43	55.7	45.3	67.9
87	27.1	21.4	32.0
59	11.9	9.5	14.3





#23

Vinyl Acetate

Concen: 226.424 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1494453

Ion Ratio Lower Upper

43 100

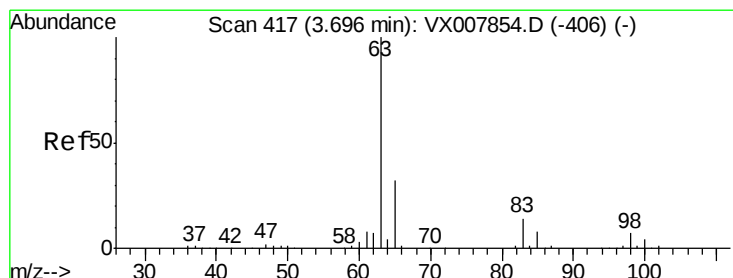
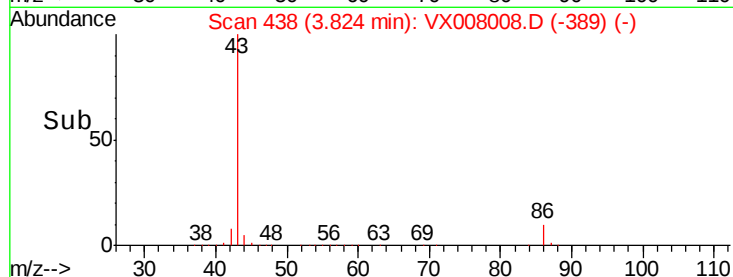
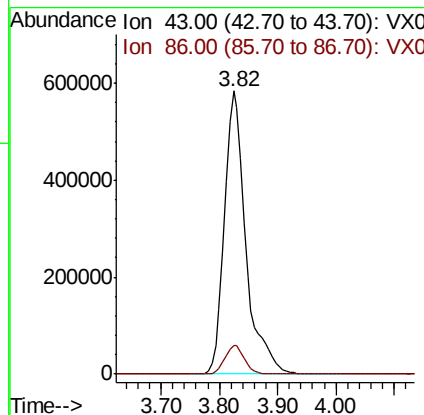
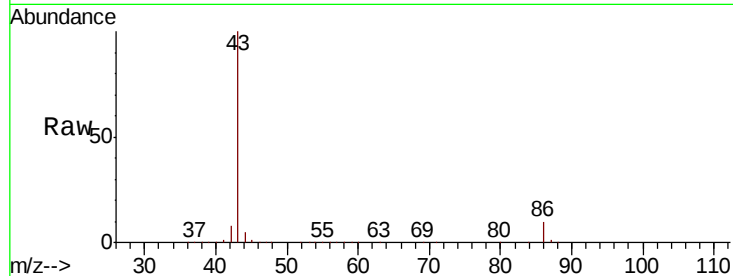
86 10.3 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 49.178 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

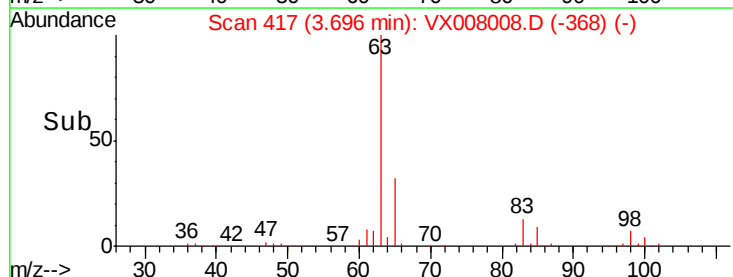
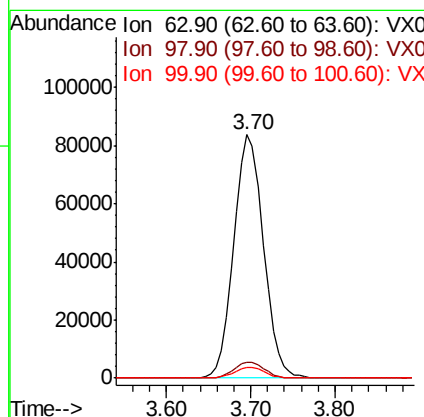
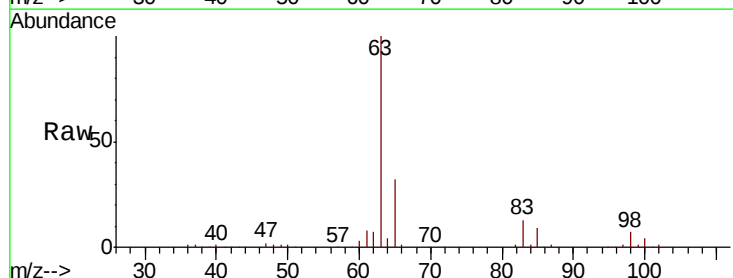
Tgt Ion: 63 Resp: 199190

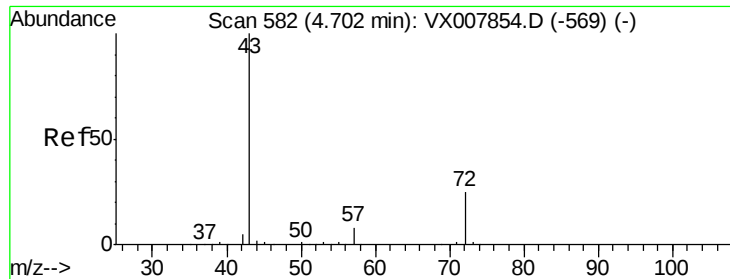
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 225.910 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tgt Ion: 43 Resp: 448491

Ion Ratio Lower Upper

43 100

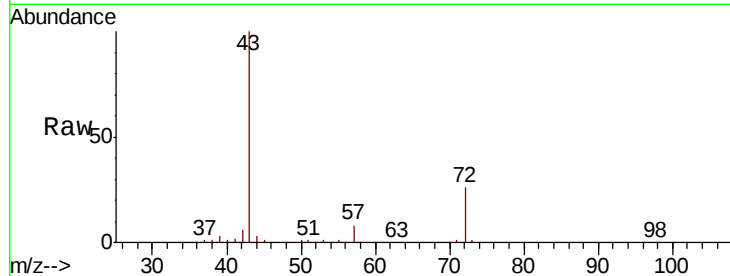
72 26.4 19.9 29.9

Manual Integrations

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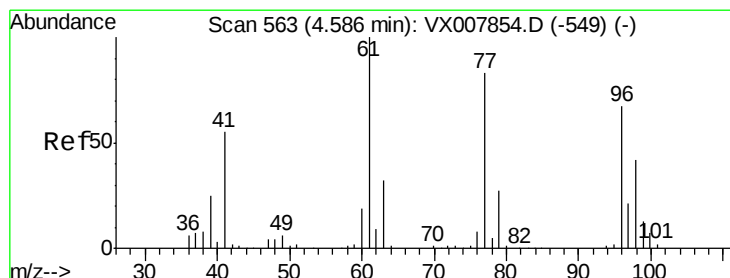
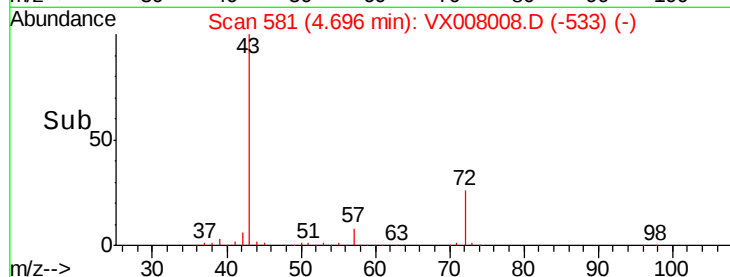
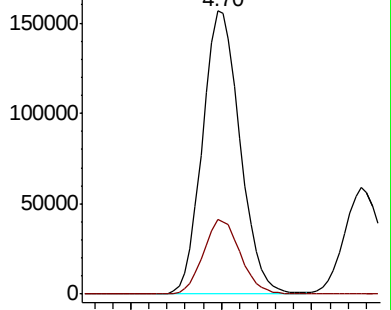
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 30.780 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008008.D

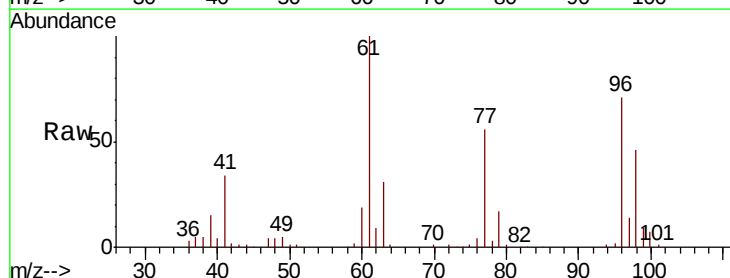
Acq: 12 Mar 2019 11:07

Tgt Ion: 77 Resp: 82596

Ion Ratio Lower Upper

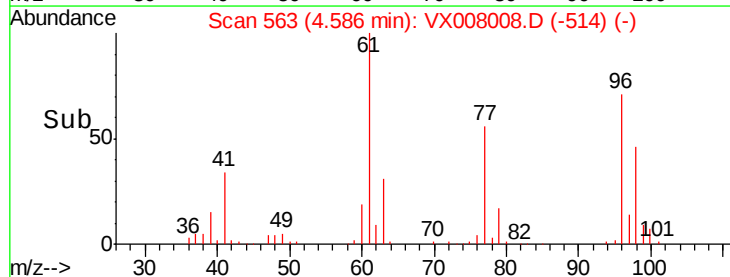
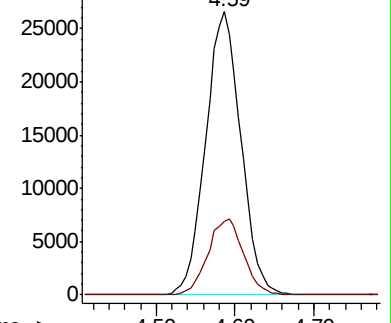
77 100

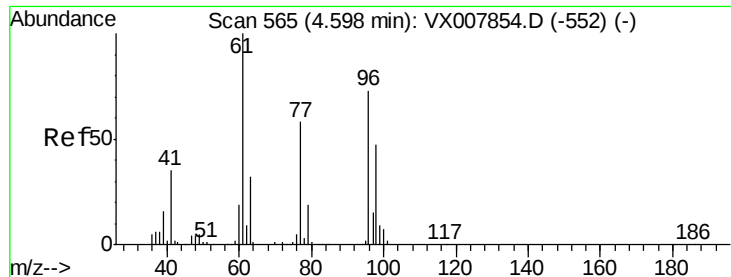
97 27.0 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

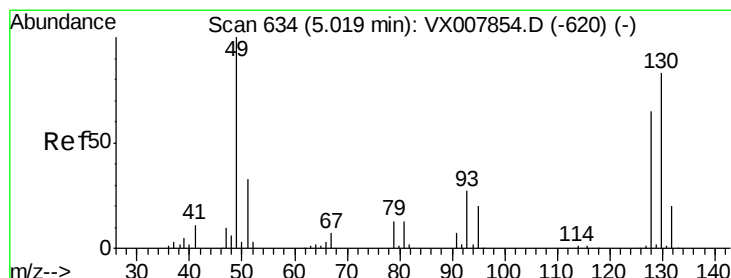
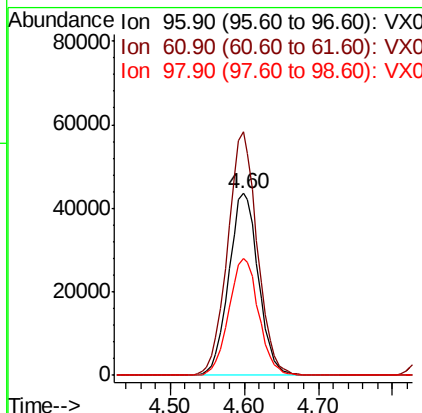
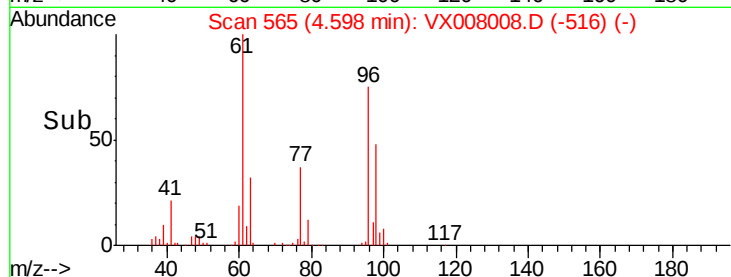
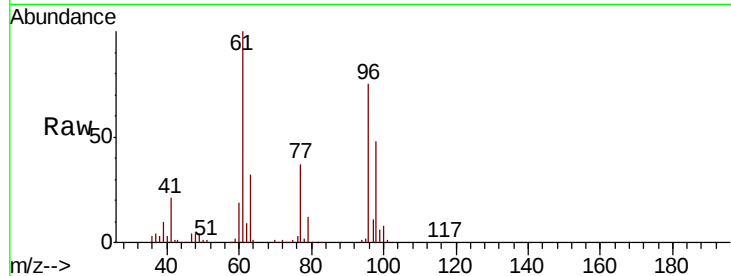
cis-1,2-Dichloroethene
Concen: 49.322 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
96	100		
61	133.9	0.0	288.0
98	64.6	0.0	129.0

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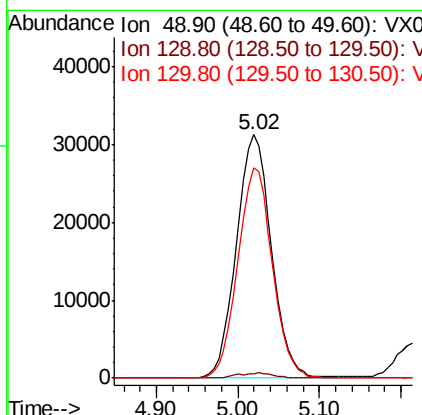
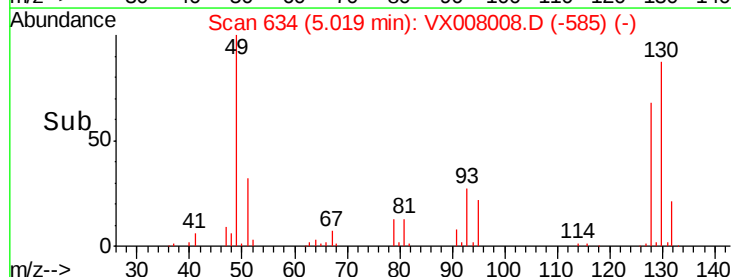
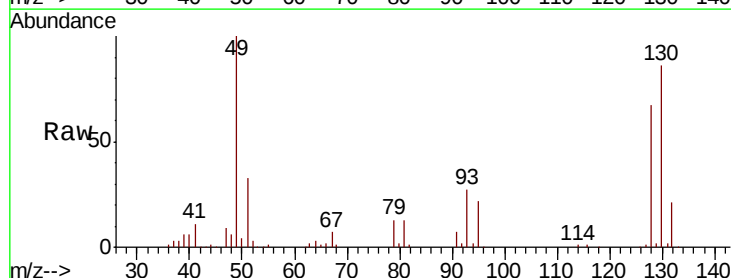
MMDadoda
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#28

Bromochloromethane
Concen: 49.313 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
49	100		
129	2.1	0.0	4.0
130	85.3	65.0	97.4





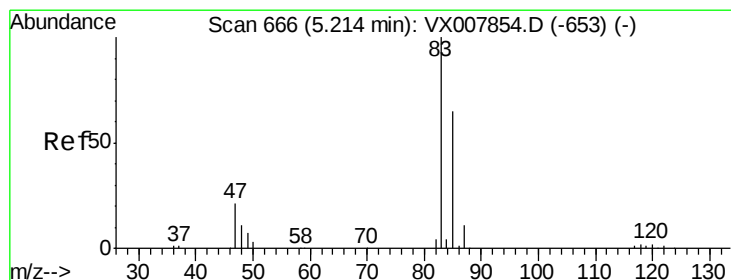
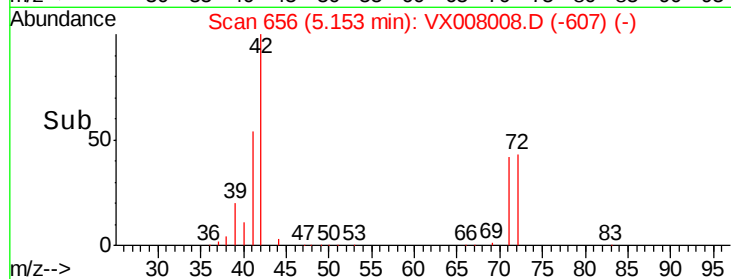
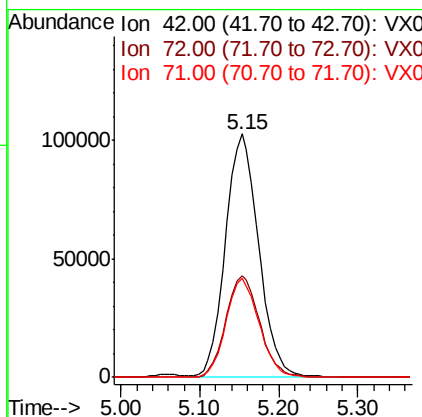
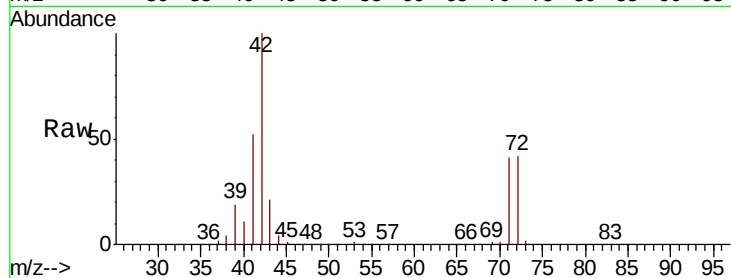
#29
Tetrahydrofuran
Concen: 242.540 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.8	33.8	50.6
71	40.8	31.5	47.3

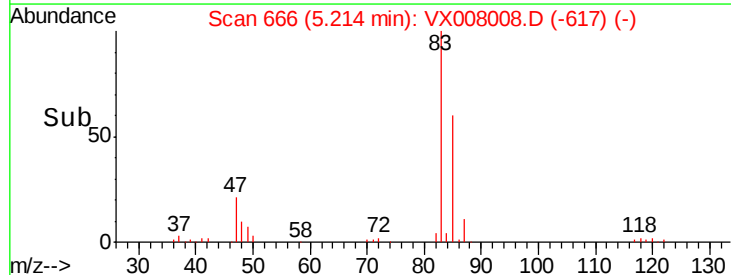
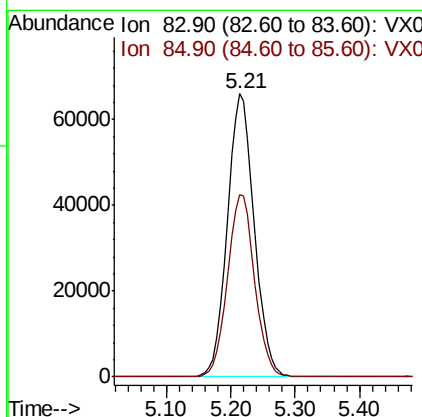
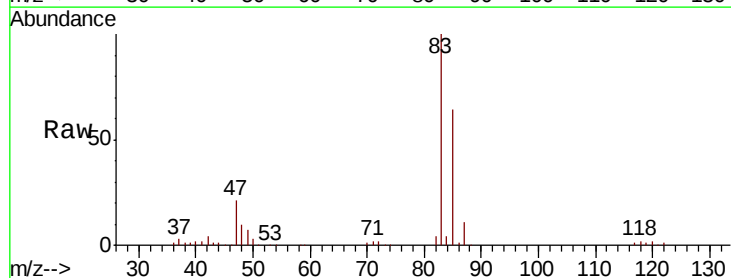
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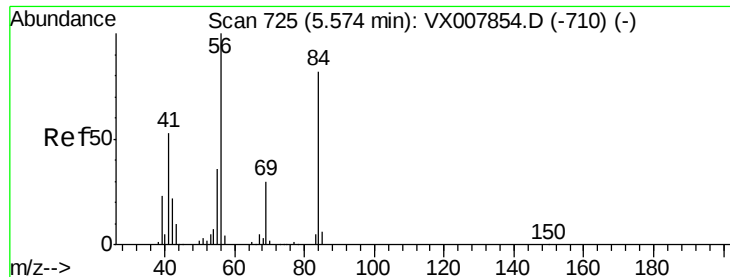
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#30
Chloroform
Concen: 50.334 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6





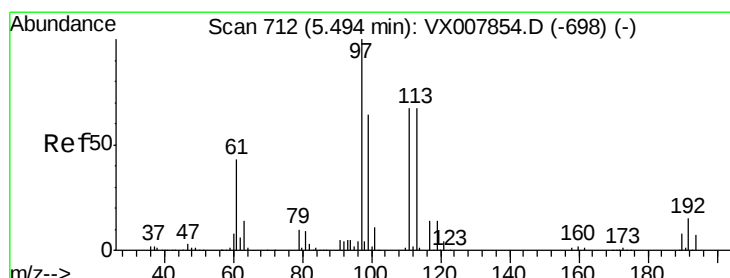
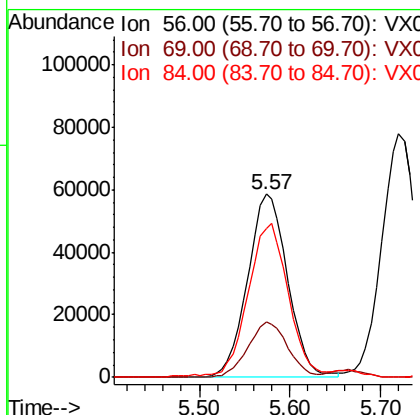
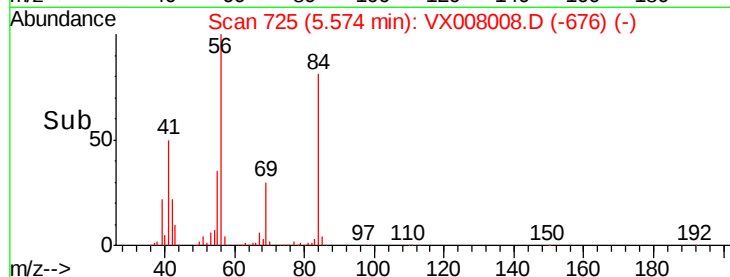
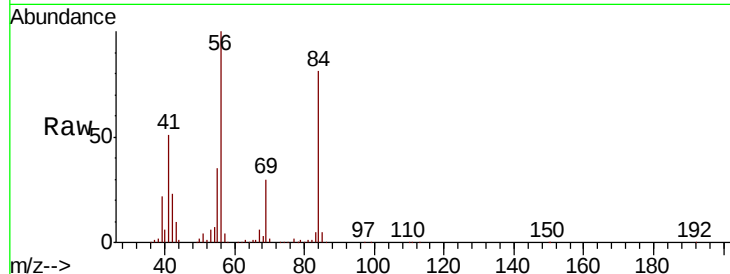
#31
Cyclohexane
Concen: 48.093 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.0	36.0
84	80.2	65.3	97.9

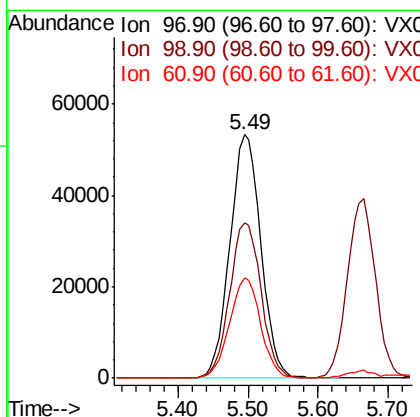
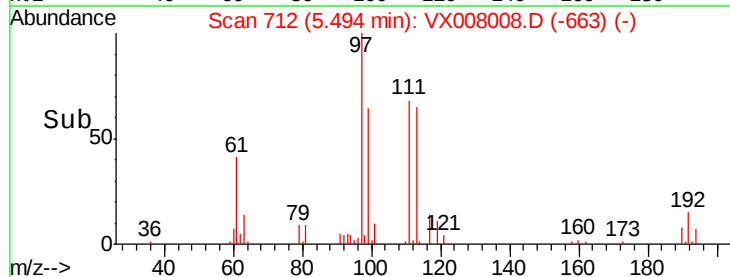
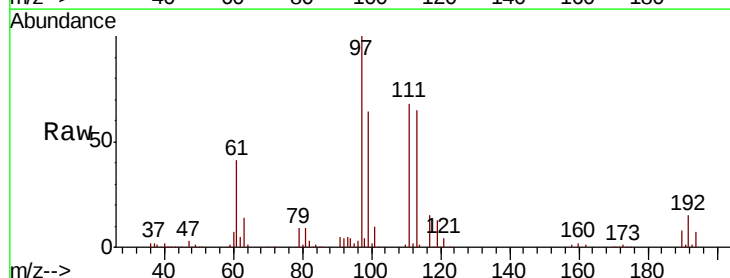
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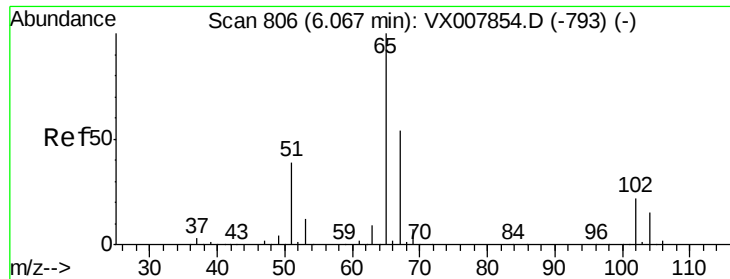
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#32
1,1,1-Trichloroethane
Concen: 51.426 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.2	78.2
61	41.4	34.9	52.3





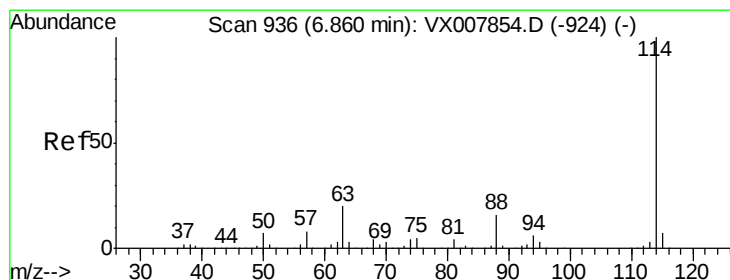
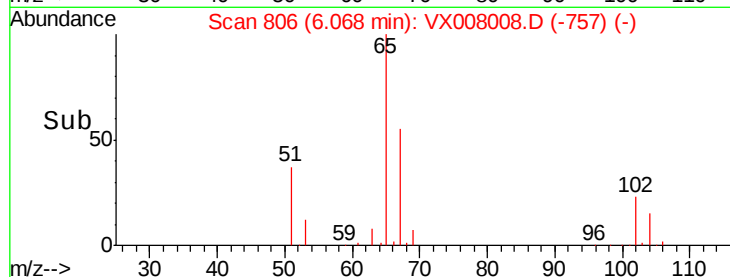
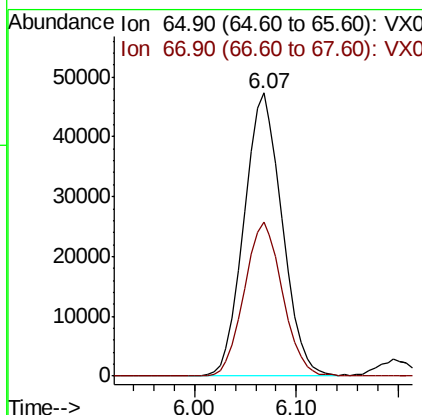
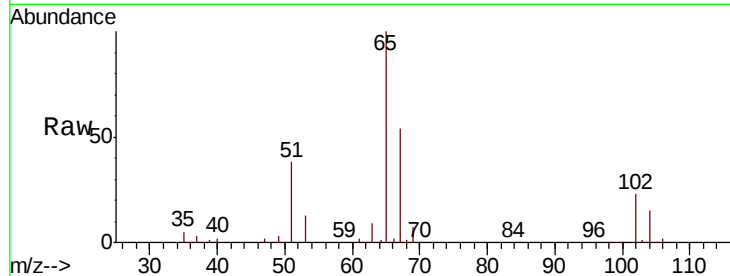
#33
 1,2-Dichloroethane-d4
 Concen: 50.648 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 122706
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.0

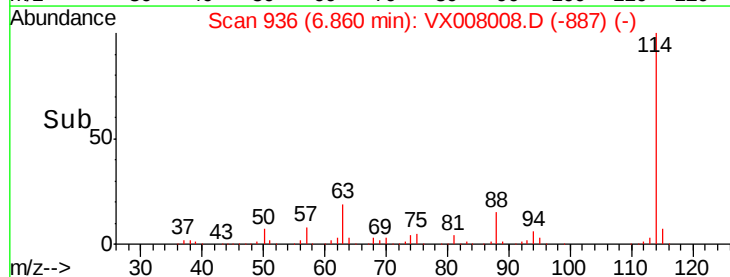
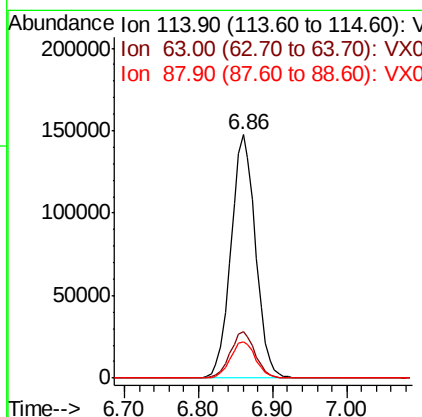
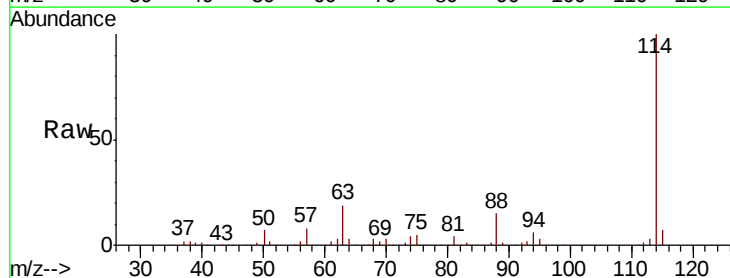
Manual Integrations
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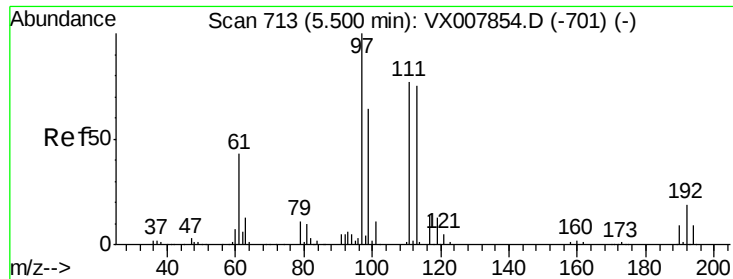
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion: 114 Resp: 340104
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.8
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.708 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

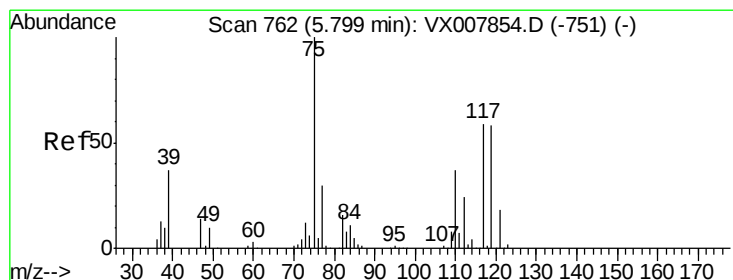
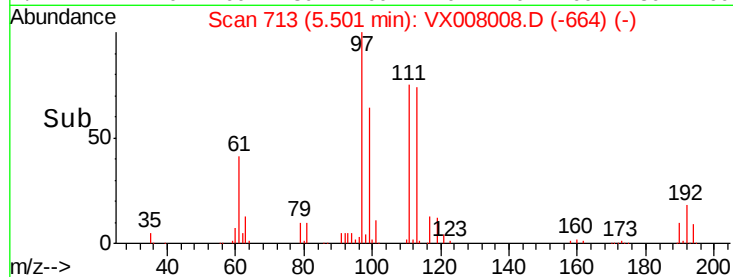
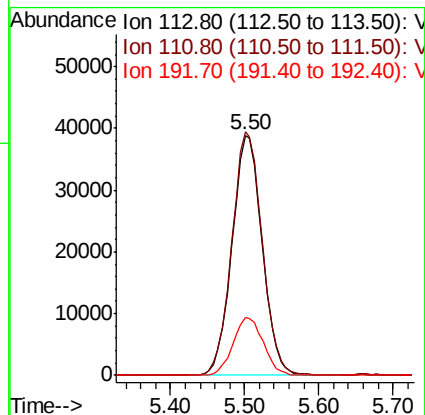
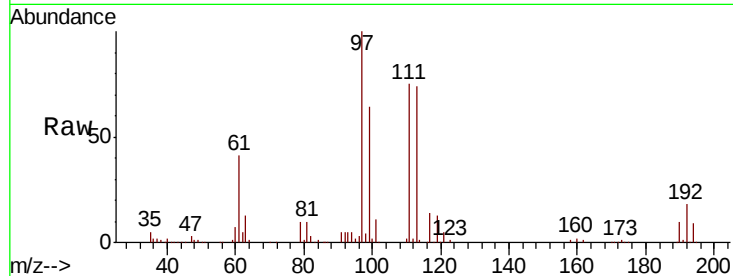
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	113	Resp:	110318
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.4	122.0
192	24.3	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 47.105 ug/l

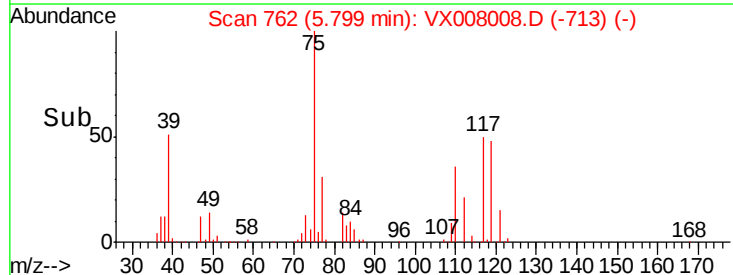
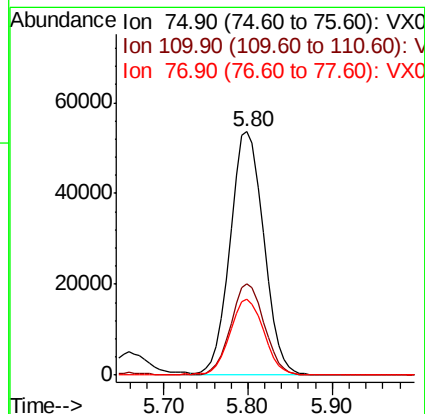
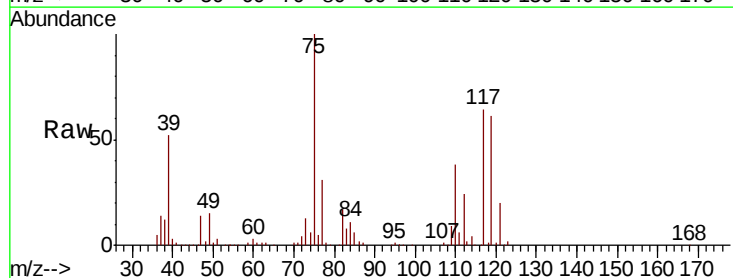
RT: 5.80 min Scan# 762

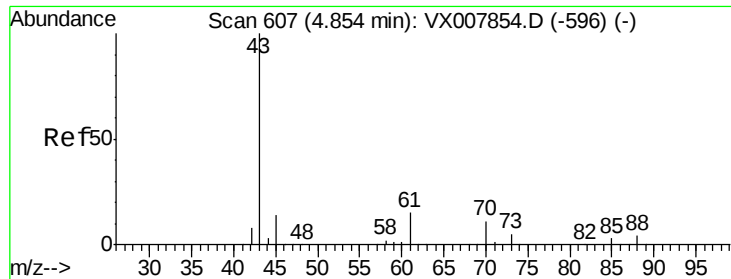
Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion:	75	Resp:	145064
Ion Ratio	Lower	Upper	
75	100		
110	37.5	18.4	55.0
77	31.9	25.0	37.4





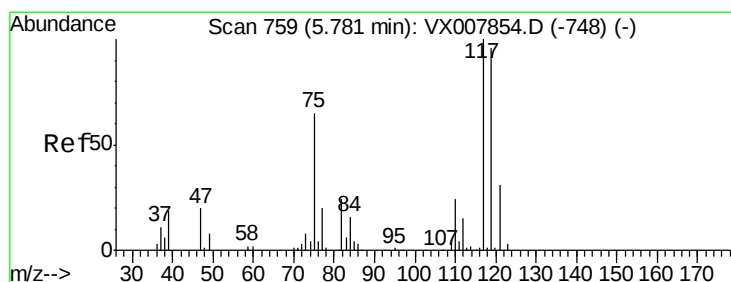
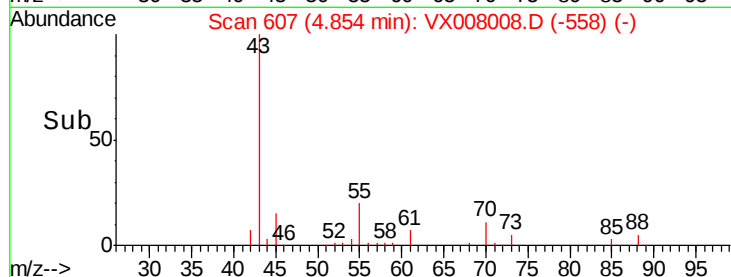
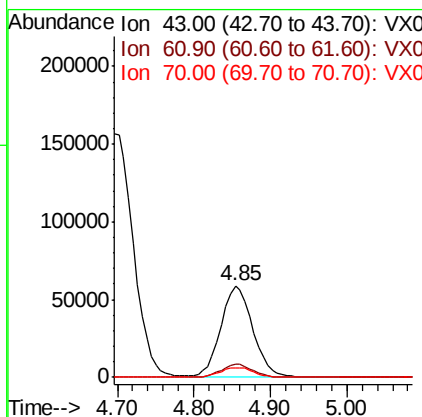
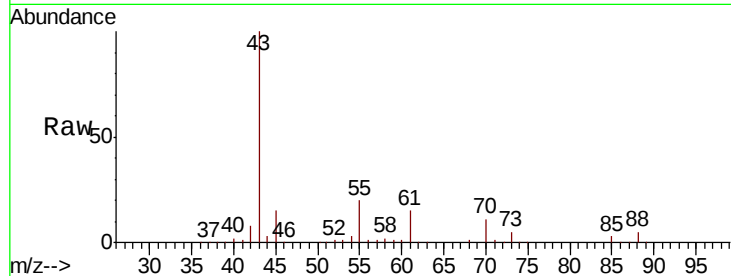
#37
Ethyl Acetate
Concen: 46.280 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.3	16.9
70	11.2	8.5	12.7

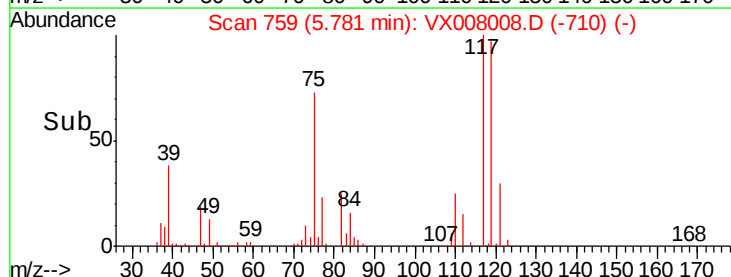
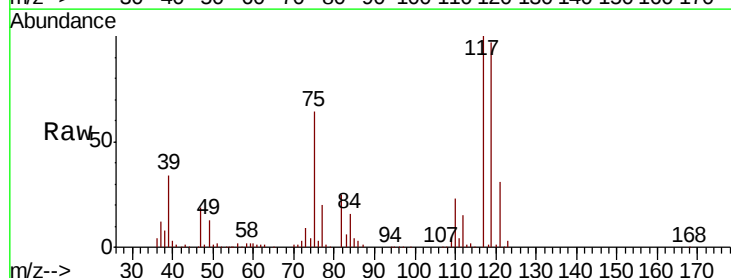
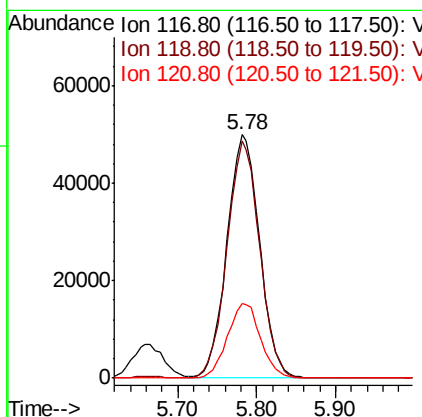
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#38
Carbon Tetrachloride
Concen: 49.346 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.2	114.2
121	30.7	24.6	36.8





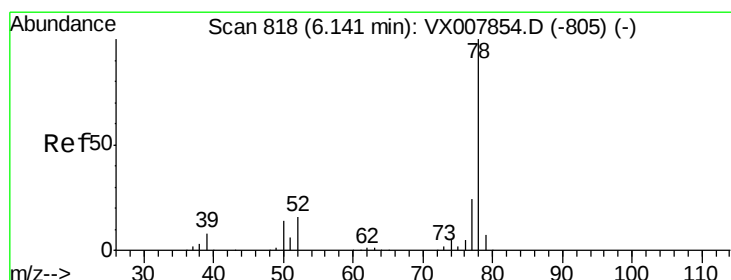
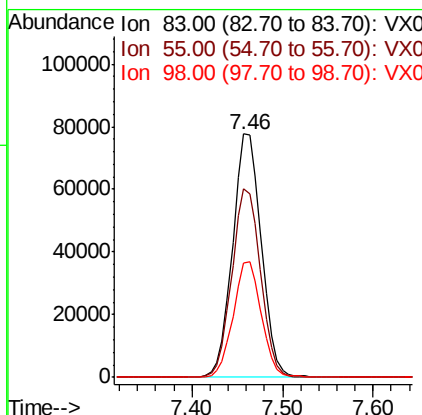
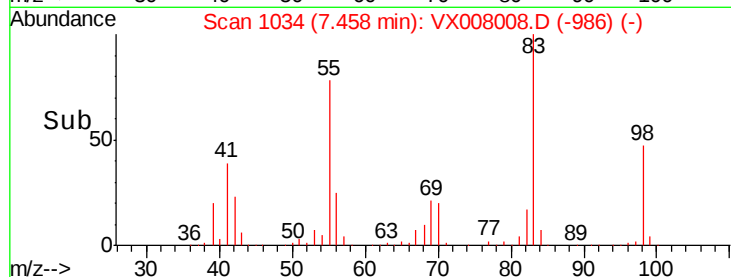
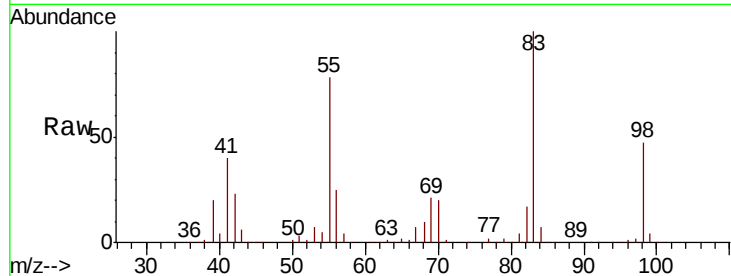
#39
Methylcyclohexane
Concen: 45.751 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
55	77.6	60.4	90.6
98	46.9	36.5	54.7

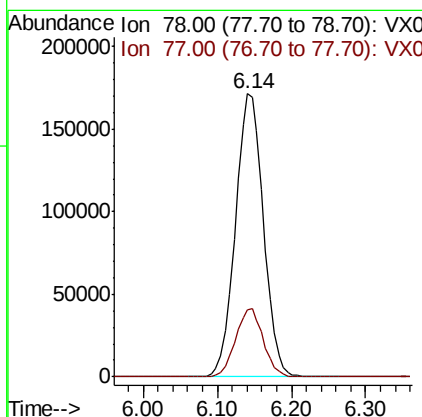
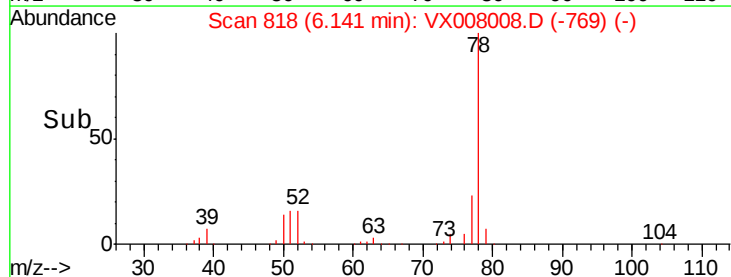
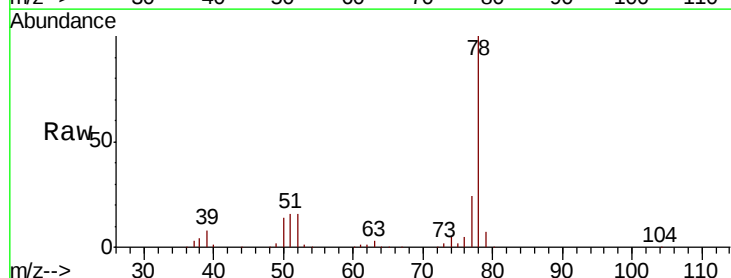
Manual Integrations
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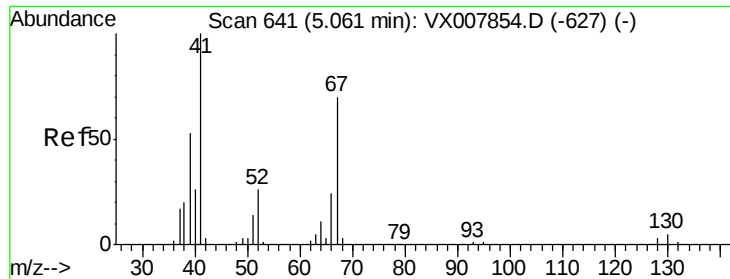
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#40
Benzene
Concen: 49.258 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Resp Lower	Upper
78	100		
77	23.8	19.0	28.4





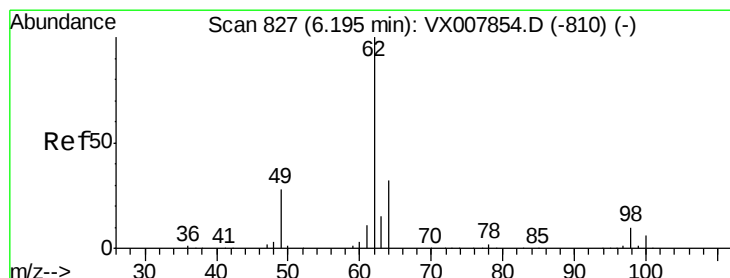
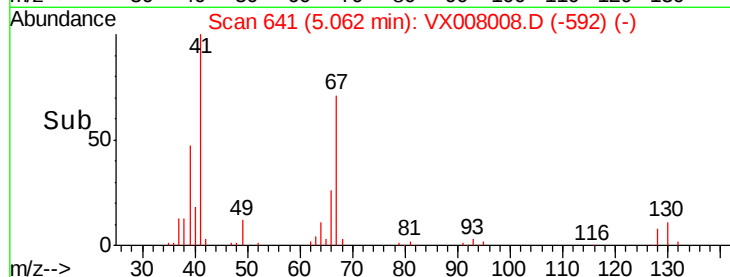
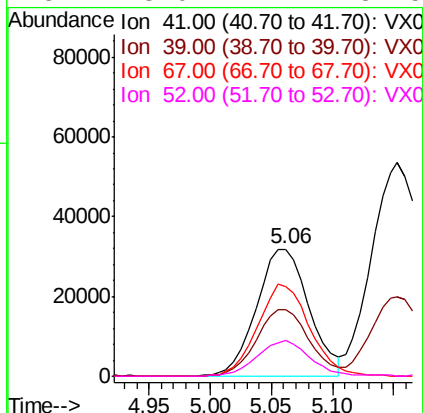
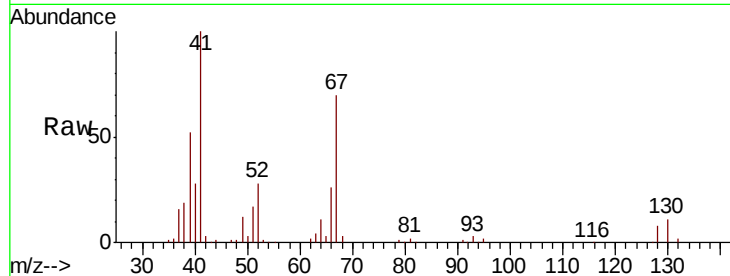
#41
Methacrylonitrile
Concen: 47.991 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	41.6	62.4	
67	71.4	55.8	83.6	
52	28.0	21.7	32.5	

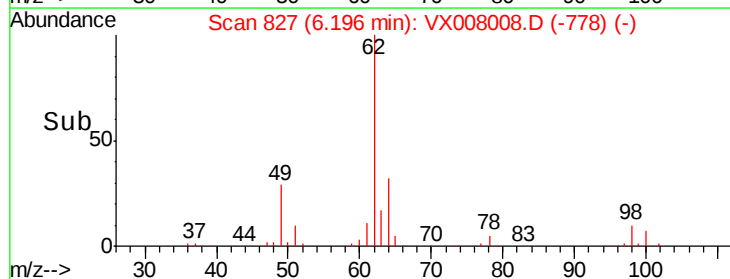
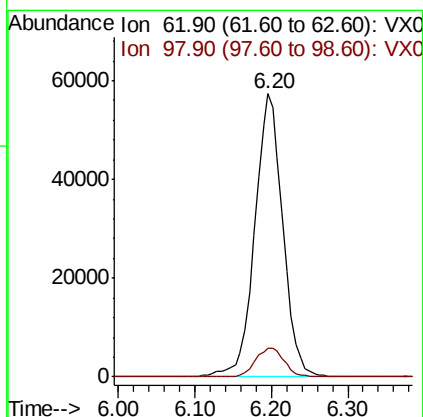
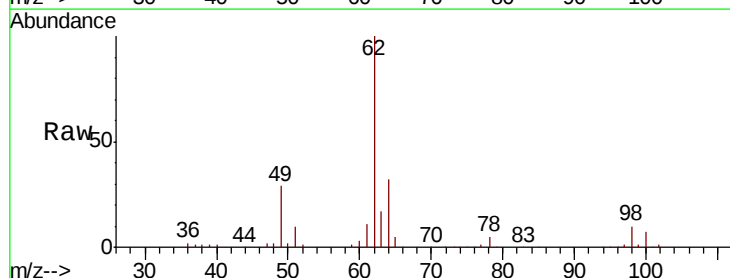
Manual Integrations
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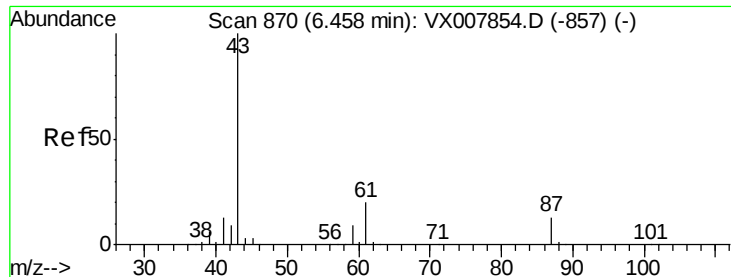
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#42
1,2-Dichloroethane
Concen: 48.744 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	20.4	





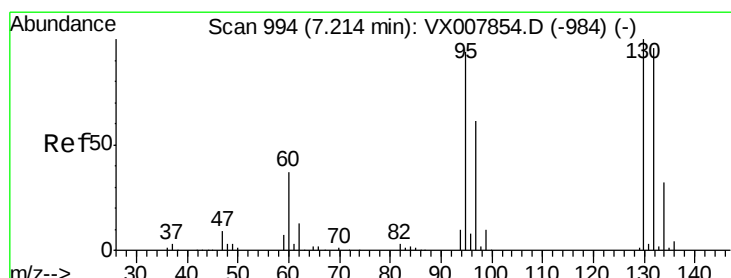
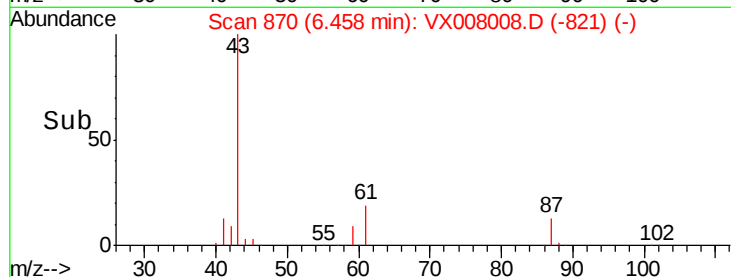
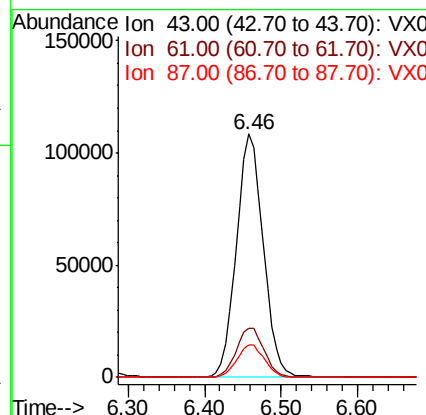
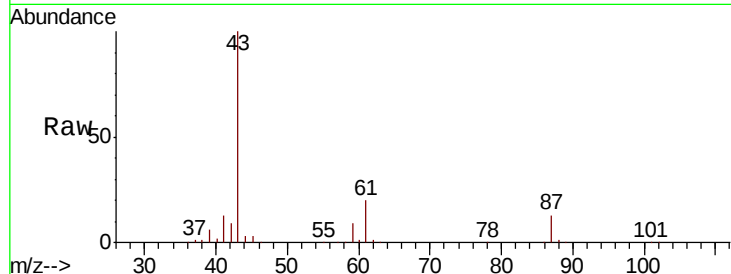
#43
Isopropyl Acetate
Concen: 48.661 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.3	24.5
87	13.7	10.5	15.7

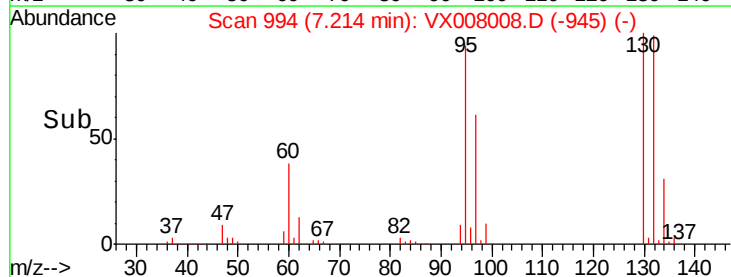
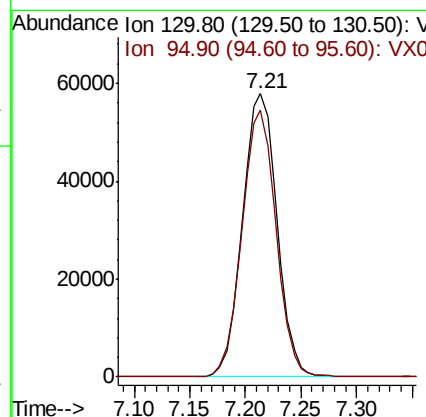
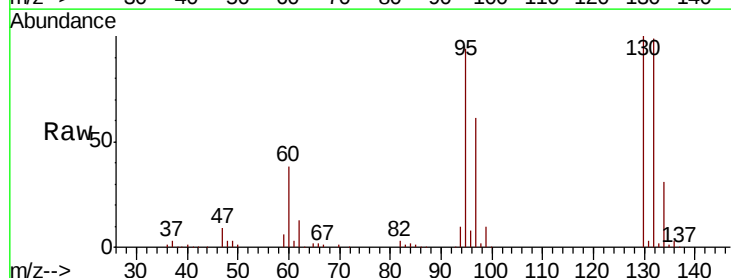
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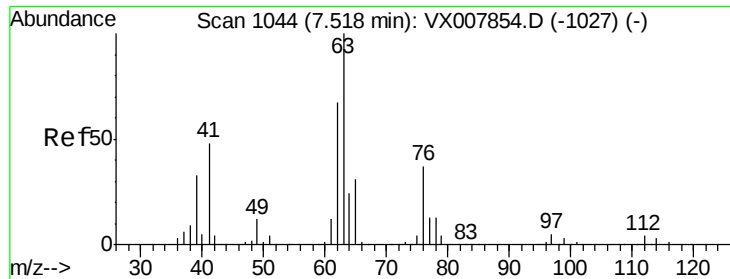
MMDadoda
3/16/2019 11:48:44 AM



#44
Trichloroethene
Concen: 49.274 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	188.0





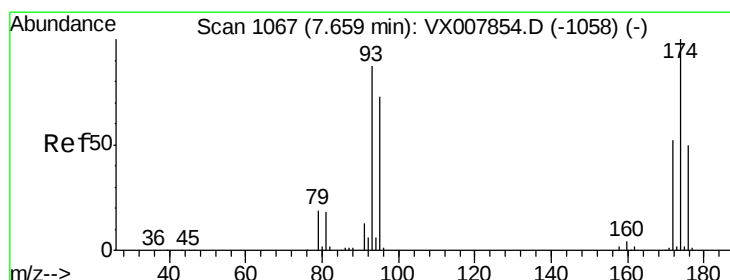
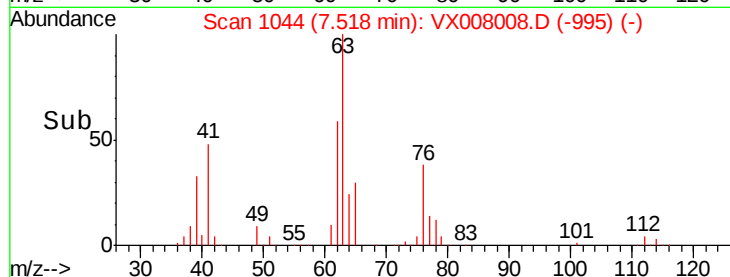
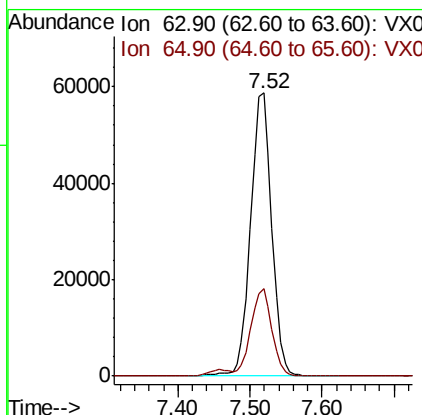
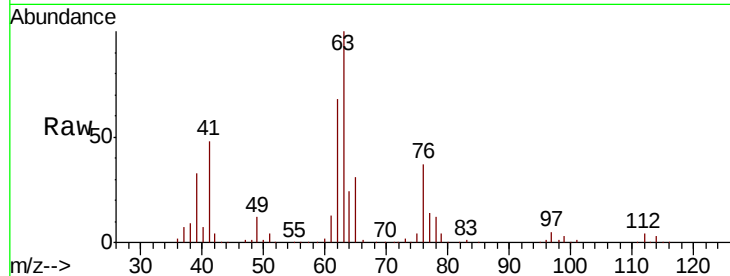
#45
 1,2-Dichloropropane
 Concen: 49.519 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 119907
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1

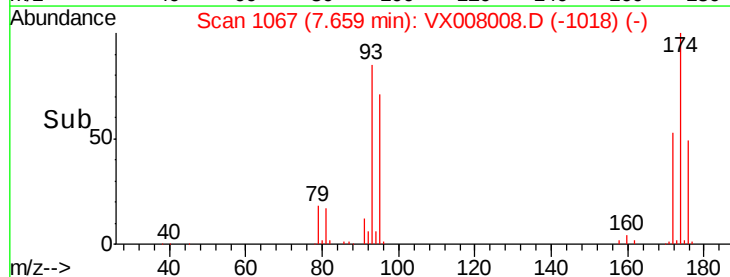
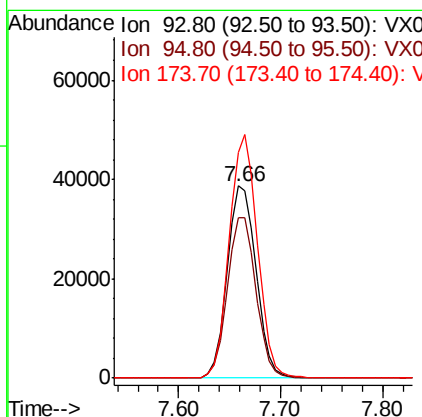
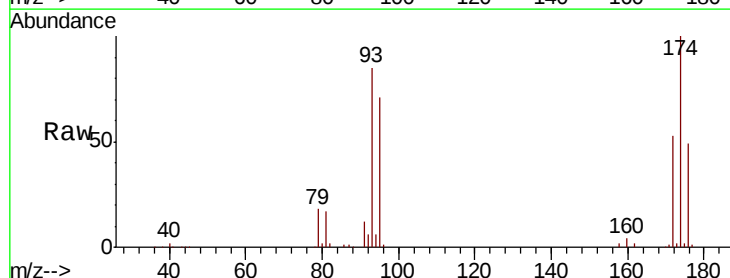
Manual Integrations
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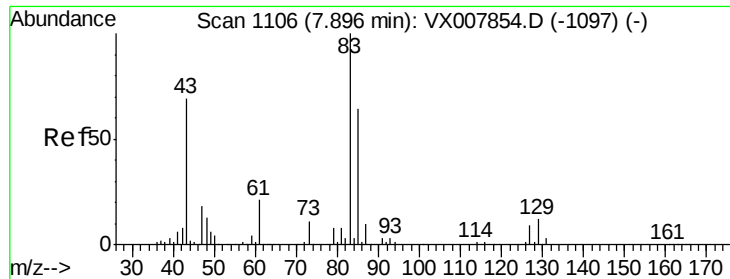
MMDadoda
 3/16/2019 11:48:44 AM



#46
 Dibromomethane
 Concen: 49.358 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion: 93 Resp: 75637
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.8 100.2
 174 123.8 97.3 145.9





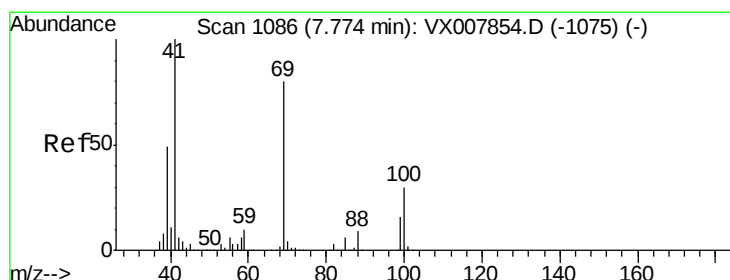
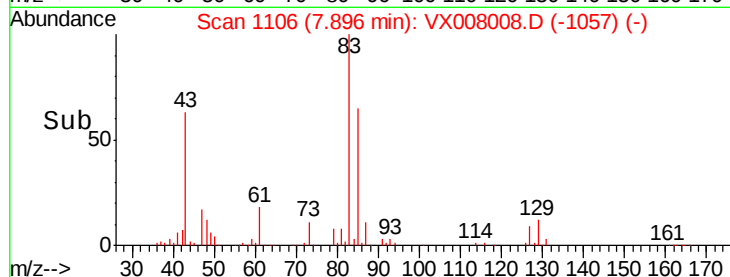
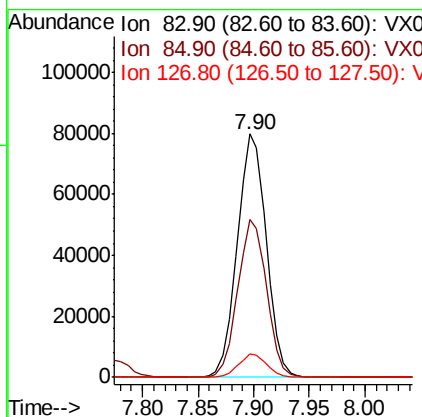
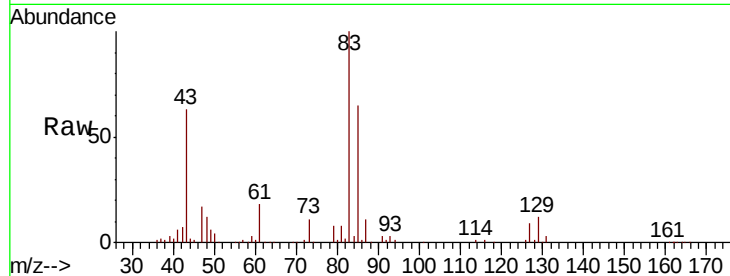
#47
Bromodichloromethane
Concen: 49.541 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.9	76.3
127	9.5	7.4	11.0

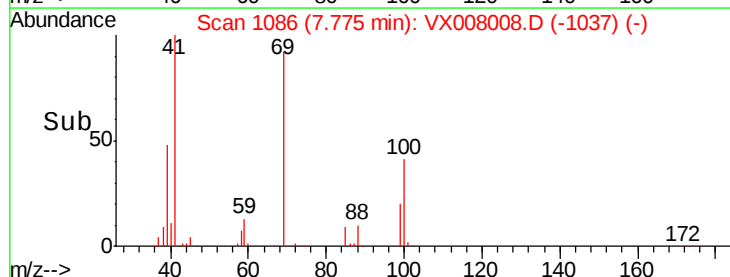
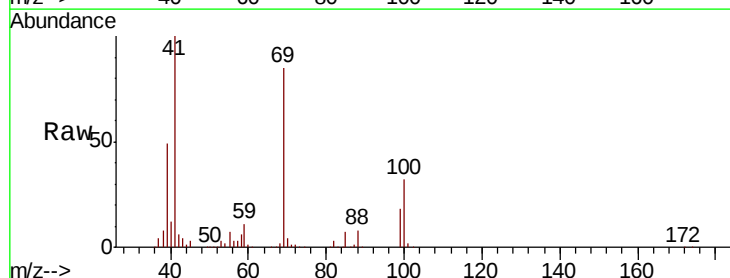
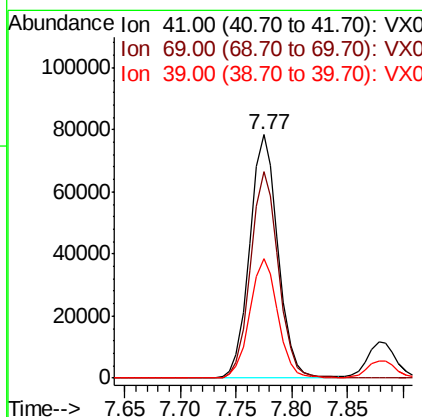
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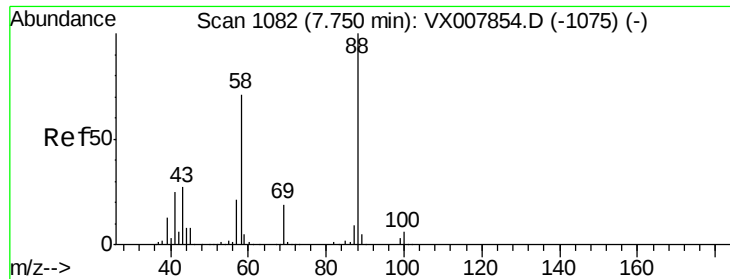
MMDadoda
3/16/2019 11:48:44 AM



#48
Methyl methacrylate
Concen: 48.946 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.6	65.2	97.8
39	48.9	39.4	59.2





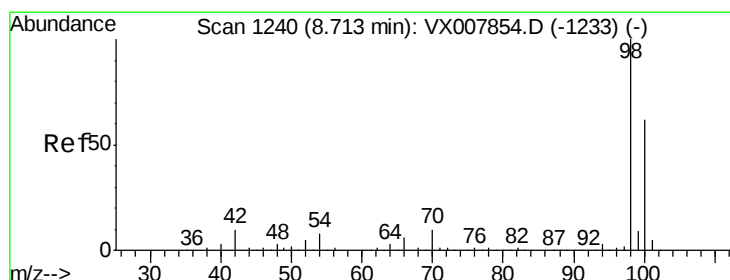
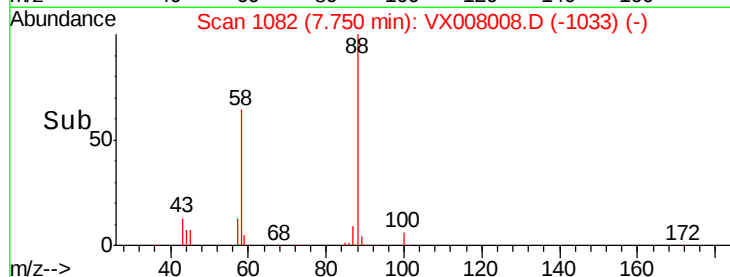
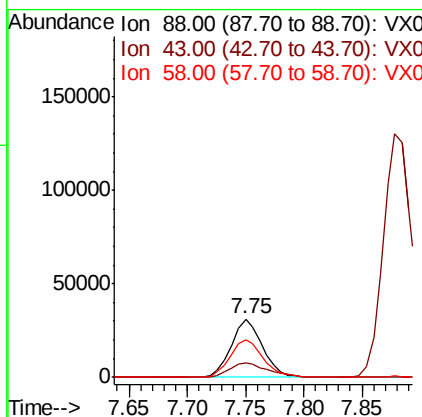
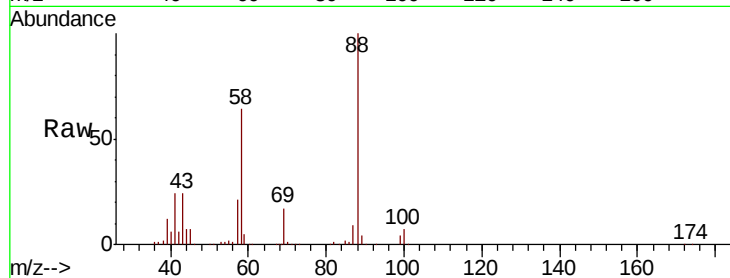
#49
1,4-Dioxane
Concen: 986.413 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	30.4	25.1	37.7
58	70.1	57.8	86.6

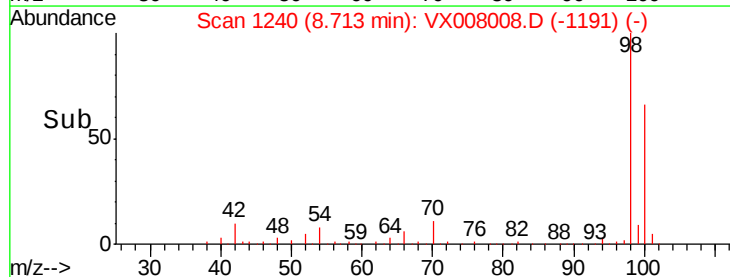
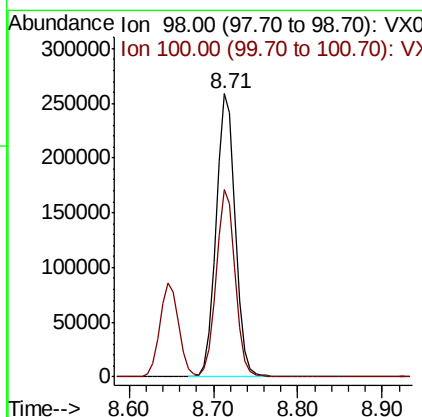
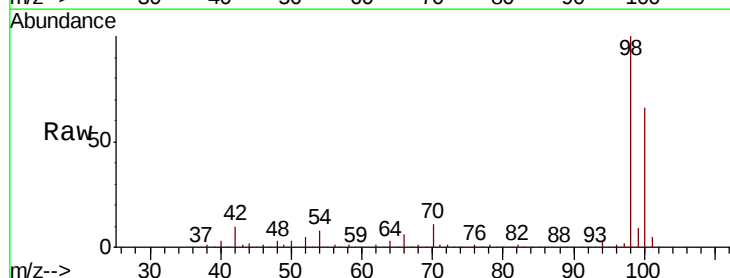
Manual Integrations
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MMDadoda
3/16/2019 11:48:44 AM



#50
Toluene-d8
Concen: 51.156 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5





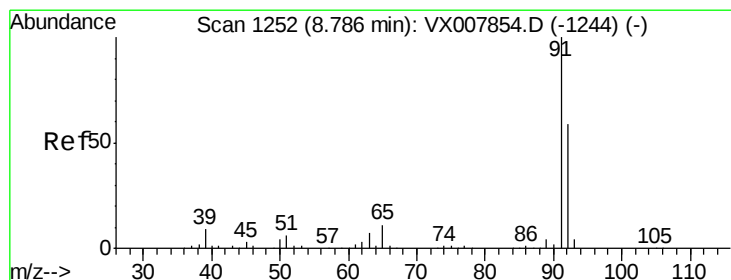
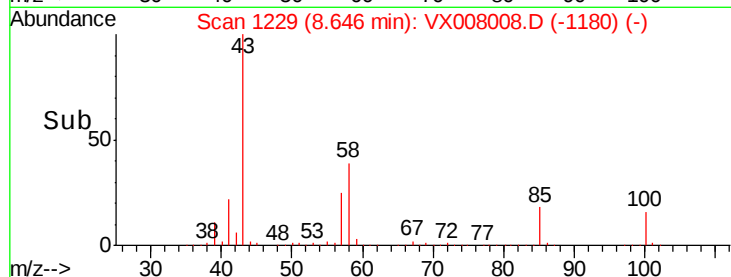
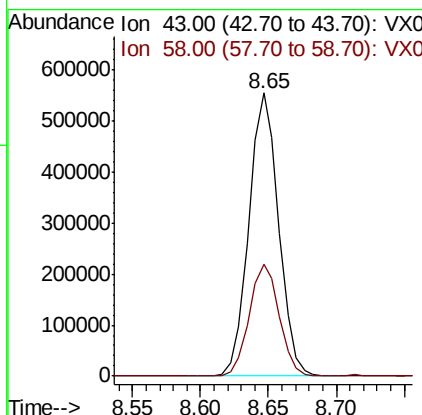
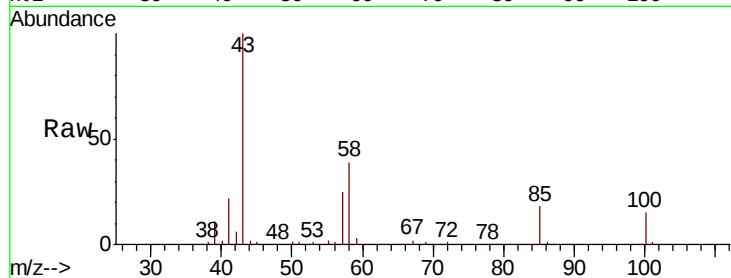
#51
 4-Methyl-2-Pentanone
 Concen: 244.427 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 850179
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.3 46.9

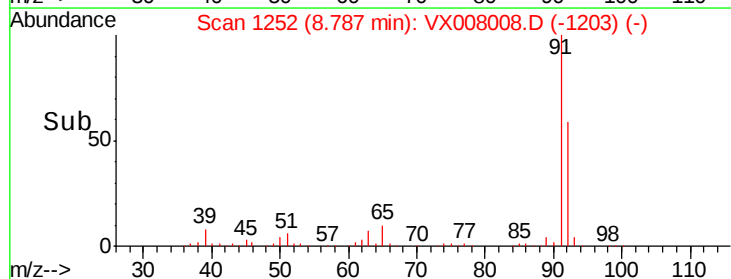
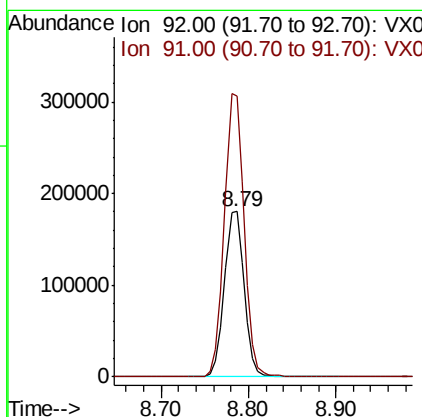
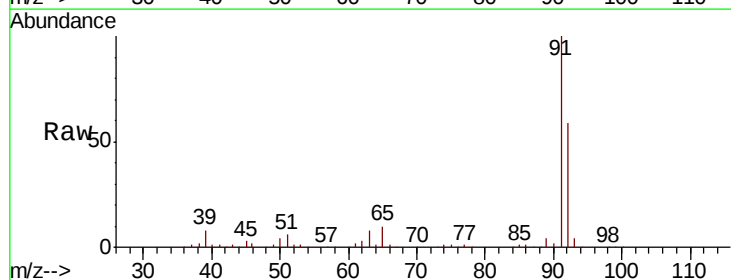
Manual Integrations
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#52
 Toluene
 Concen: 50.500 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion: 92 Resp: 282665
 Ion Ratio Lower Upper
 92 100
 91 171.1 137.4 206.0





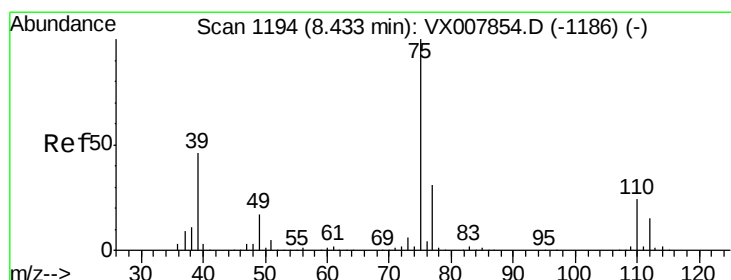
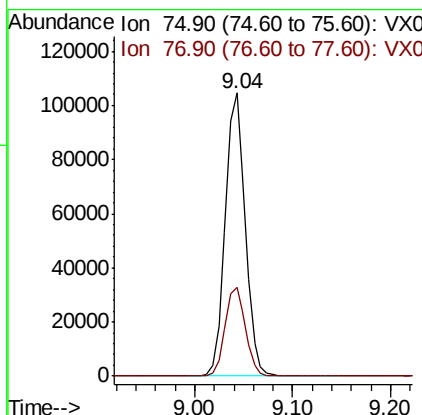
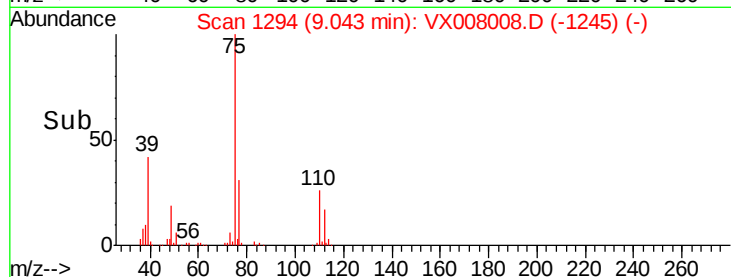
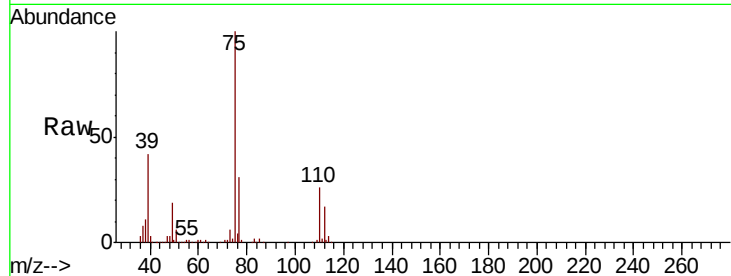
#53
t-1,3-Dichloropropene
Concen: 48.849 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 148134
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

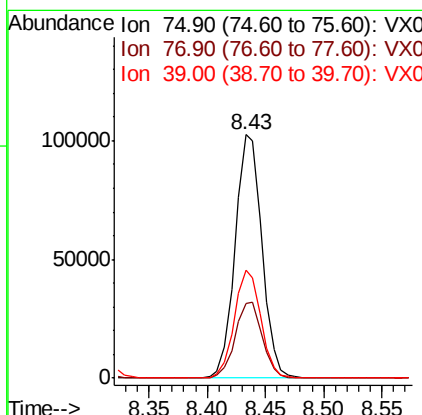
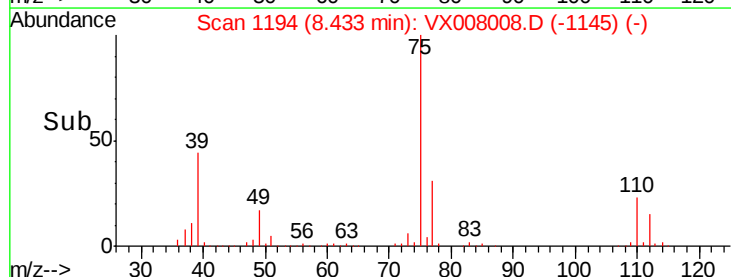
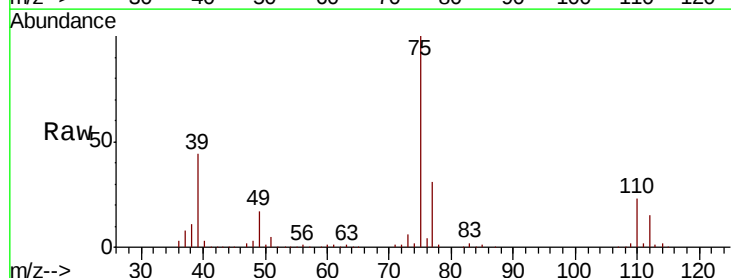
Manual Integrations
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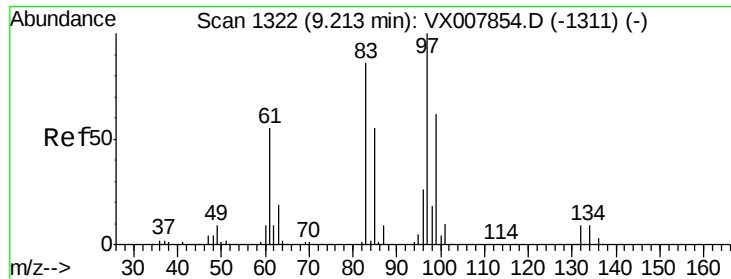
MMDadoda
3/16/2019 11:48:44 AM



#54
cis-1,3-Dichloropropene
Concen: 48.183 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 75 Resp: 165001
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6
39 44.4 36.6 54.8





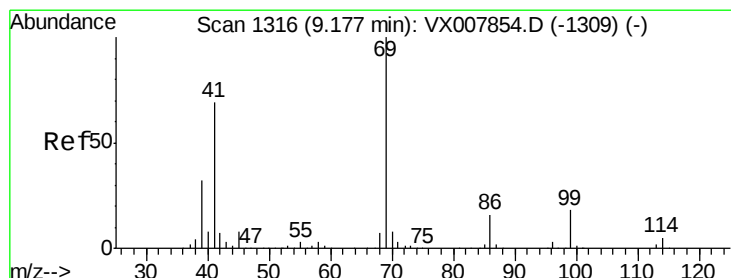
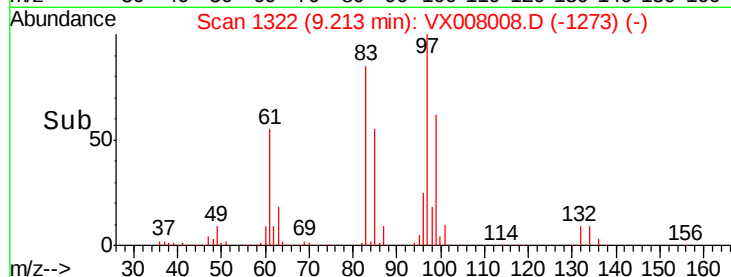
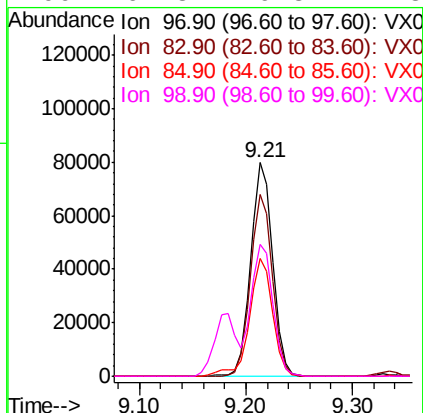
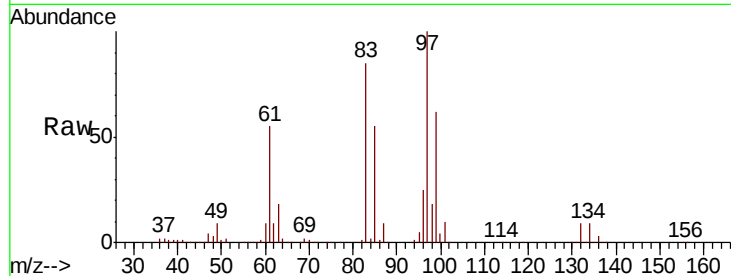
#55
 1,1,2-Trichloroethane
 Concen: 51.099 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	115782
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.1	103.7
85	55.4	44.3	66.5
99	61.8	49.8	74.8

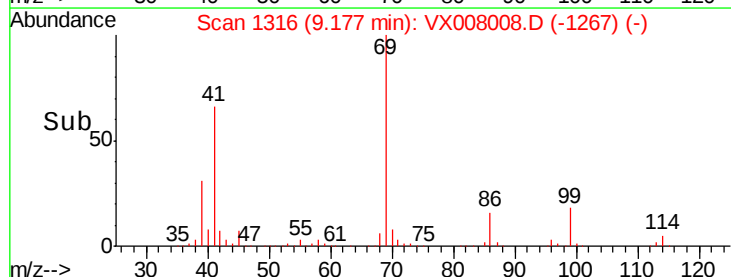
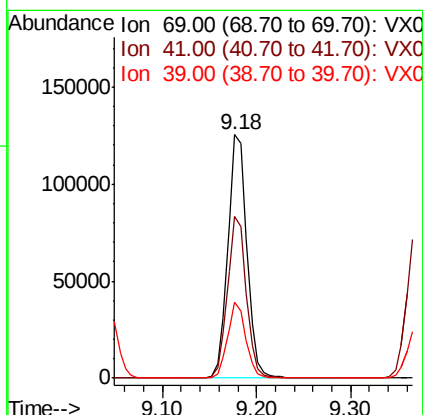
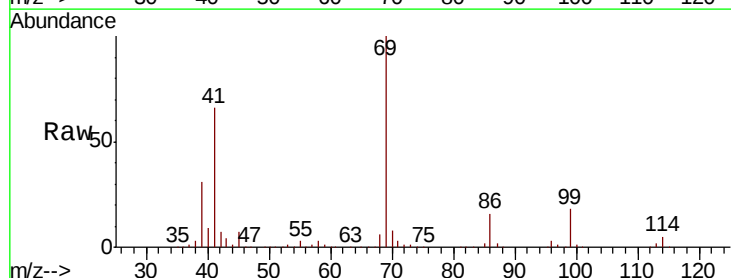
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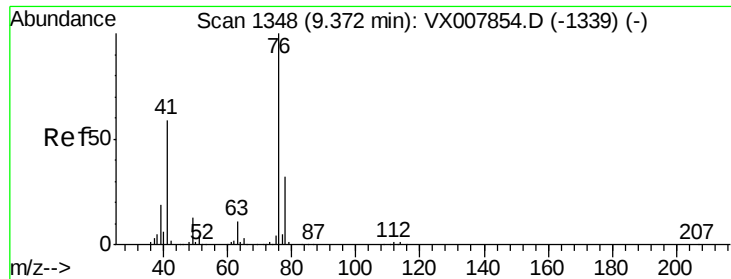
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#56
 Ethyl methacrylate
 Concen: 51.819 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion:	69	Resp:	176290
Ion	Ratio	Lower	Upper
69	100		
41	65.4	54.2	81.4
39	29.9	25.0	37.4





#57

1,3-Dichloropropane

Concen: 50.207 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 191013

Ion Ratio Lower Upper

76 100

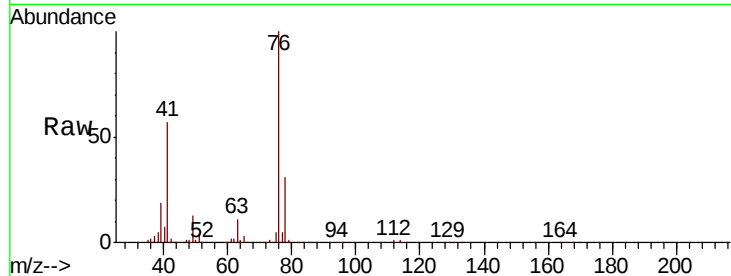
78 31.9 25.5 38.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

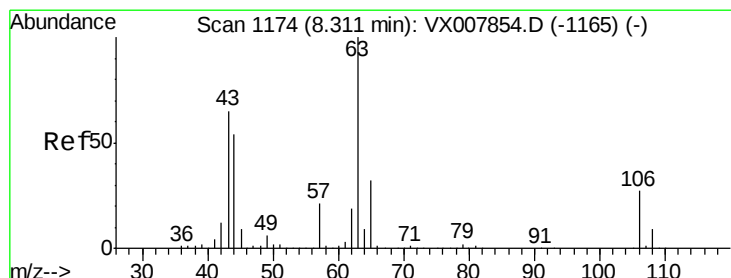
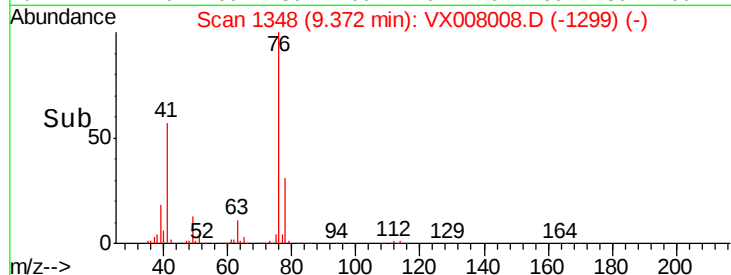
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 265.030 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008008.D

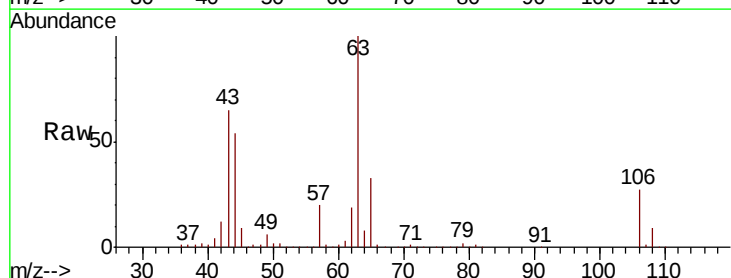
Acq: 12 Mar 2019 11:07

Tgt Ion: 63 Resp: 466404

Ion Ratio Lower Upper

63 100

106 28.4 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

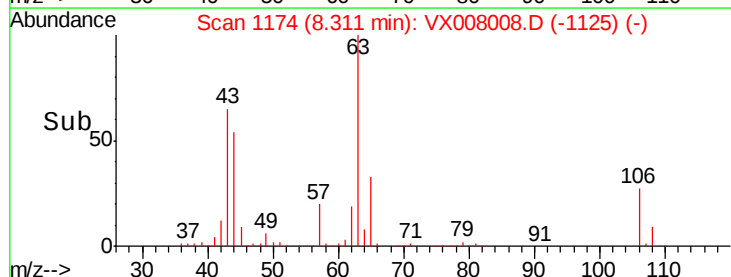
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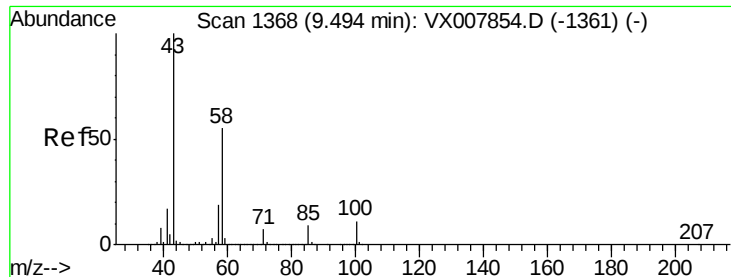
200000

100000

0

Time-->





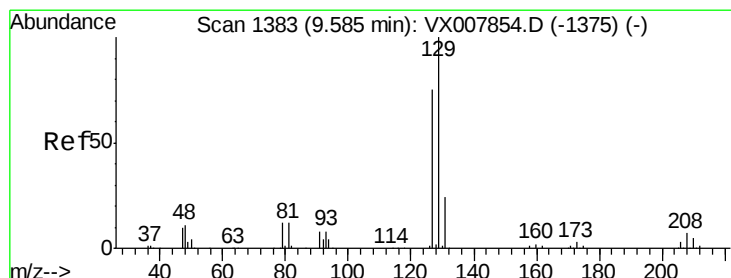
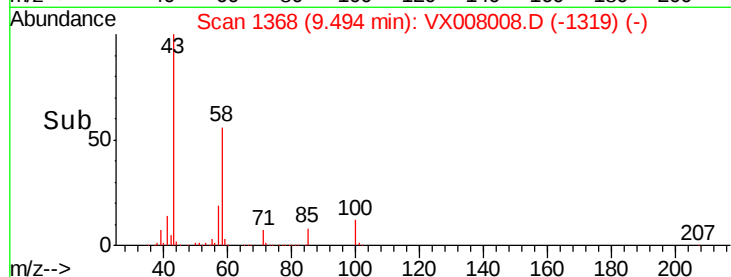
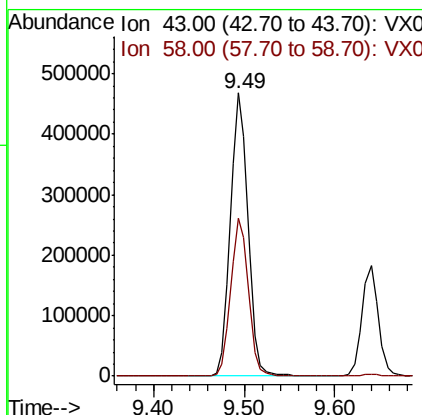
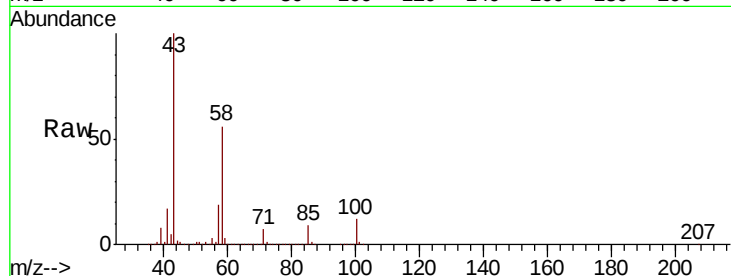
#59
2-Hexanone
Concen: 233.583 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 630777
Ion Ratio Lower Upper
43 100
58 55.9 27.6 82.7

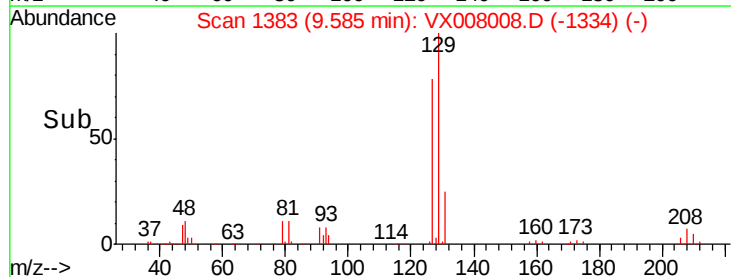
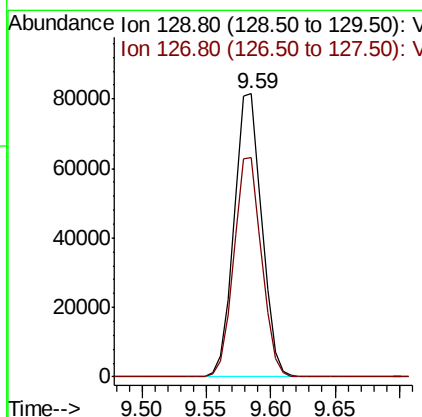
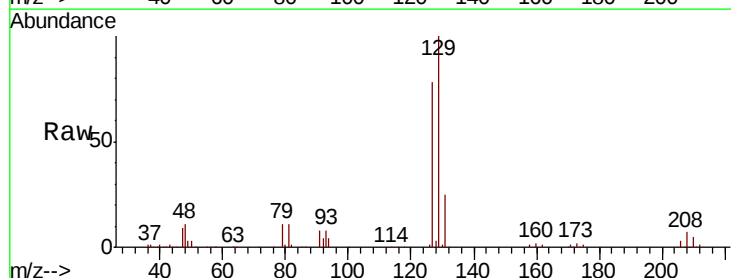
Manual Integrations
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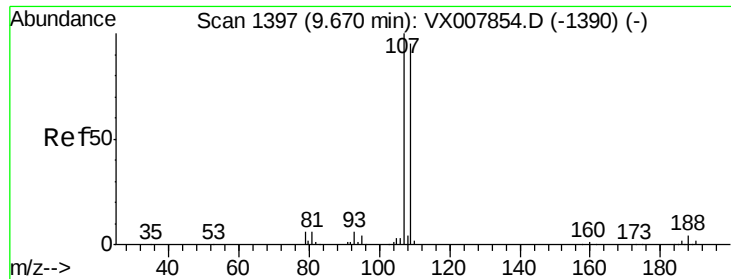
MMDadoda
3/16/2019 11:48:44 AM



#60
Dibromochloromethane
Concen: 51.509 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion: 129 Resp: 121992
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 51.129 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 123002

Ion Ratio Lower Upper

107 100

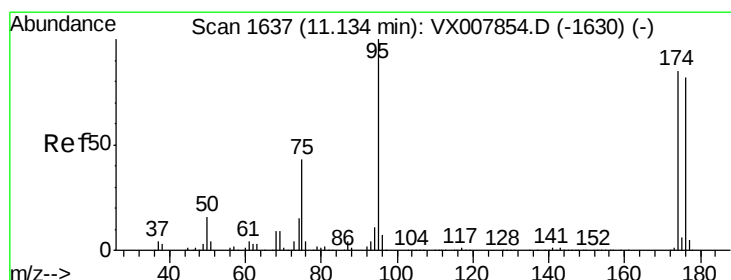
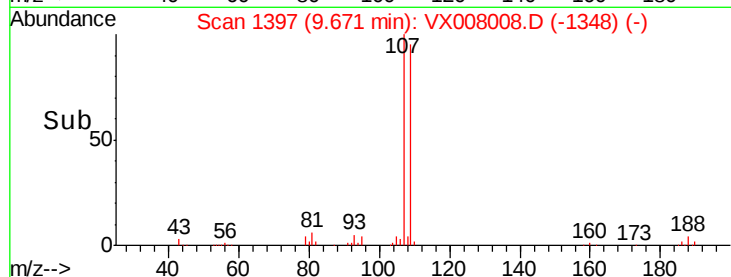
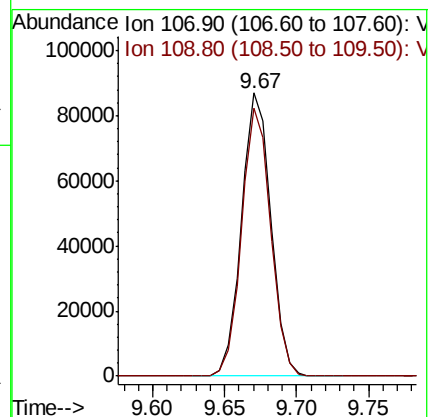
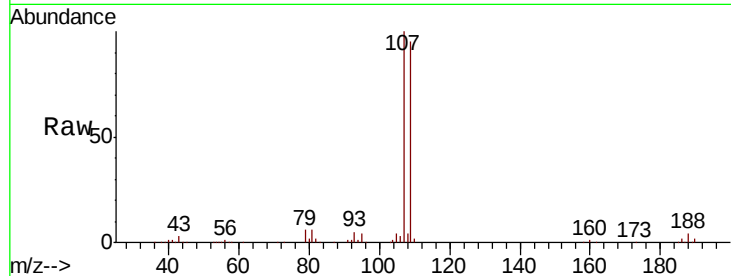
109 94.1 75.8 113.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.189 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

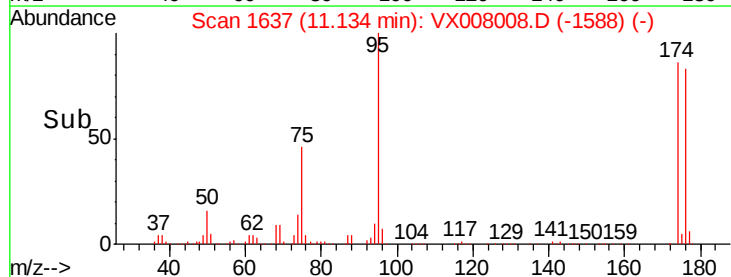
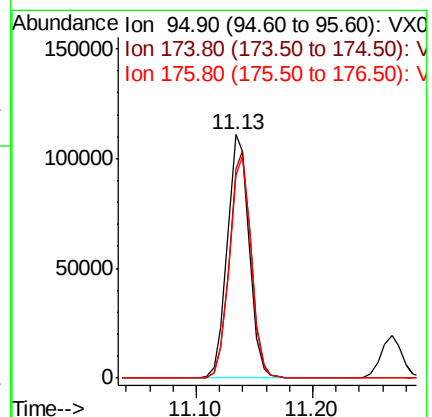
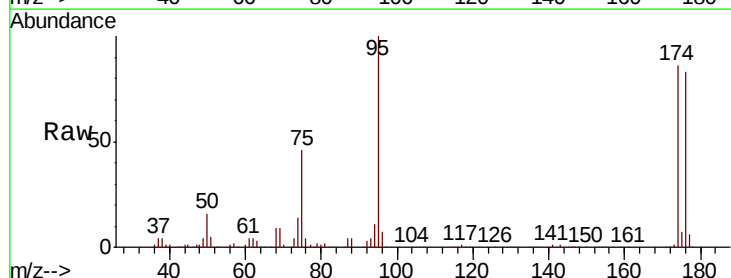
Tgt Ion: 95 Resp: 143391

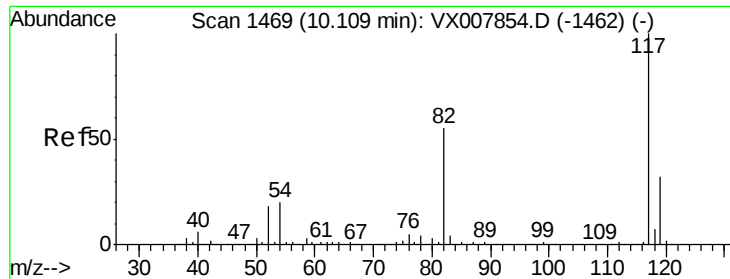
Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

176 90.7 0.0 178.0





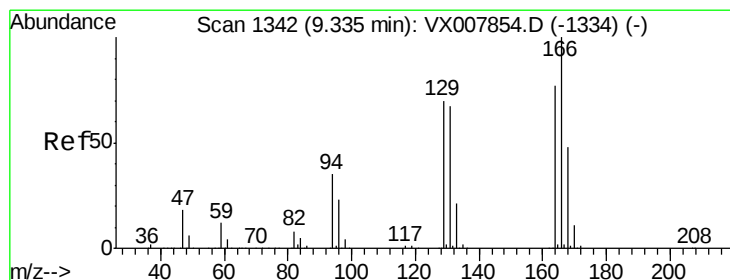
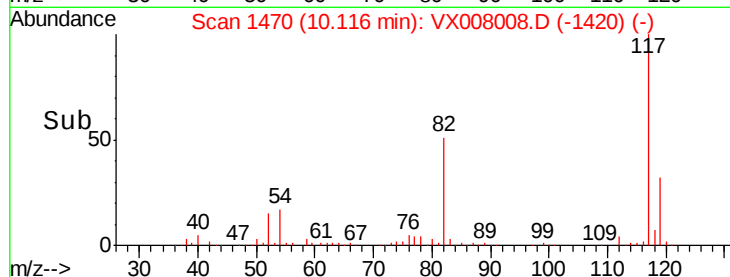
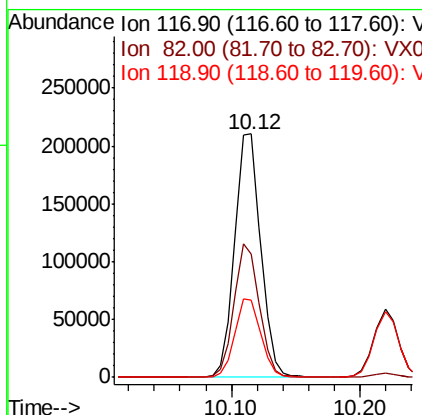
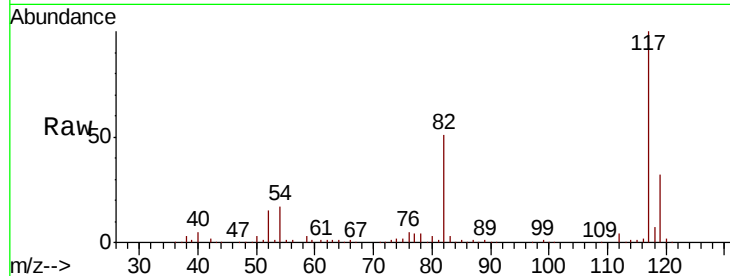
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	298365		
82	50.8	44.3	66.5	
119	31.8	25.3	37.9	

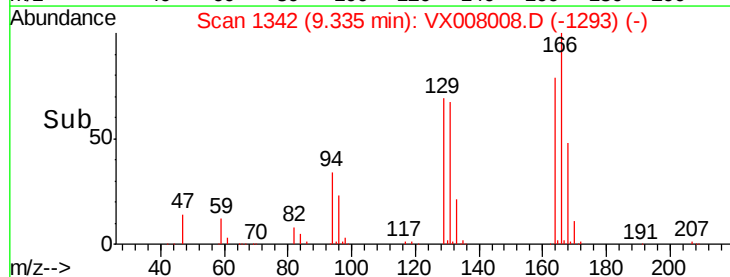
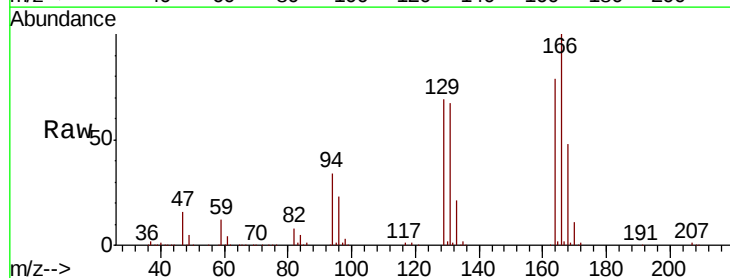
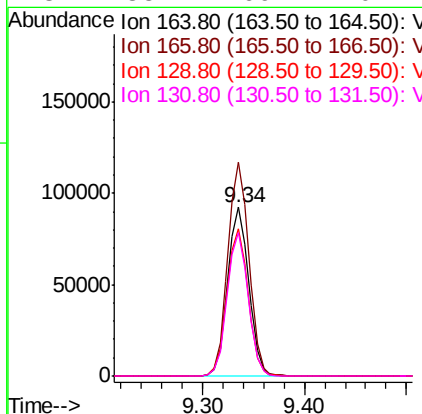
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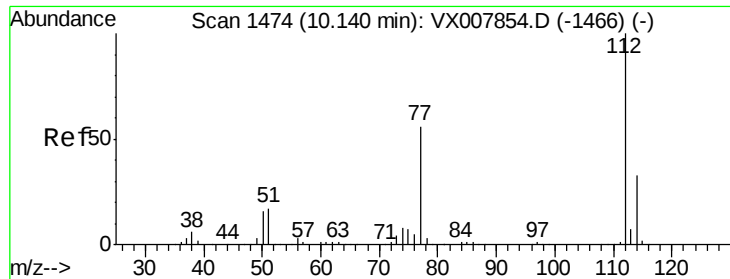
MMDadoda
3/16/2019 11:48:44 AM



#64
Tetrachloroethene
Concen: 53.215 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	131575		
166	126.7	103.4	155.0	
129	87.7	72.2	108.4	
131	85.1	69.4	104.2	





#65

Chlorobenzene

Concen: 49.421 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 308560

Ion Ratio Lower Upper

112 100

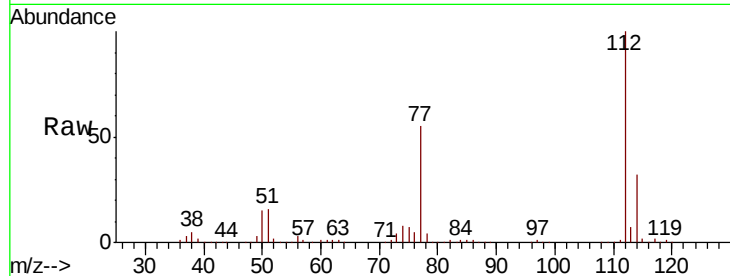
114 32.5 26.0 39.0

Manual Integrations

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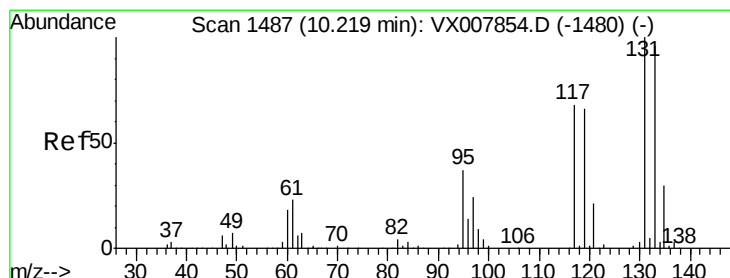
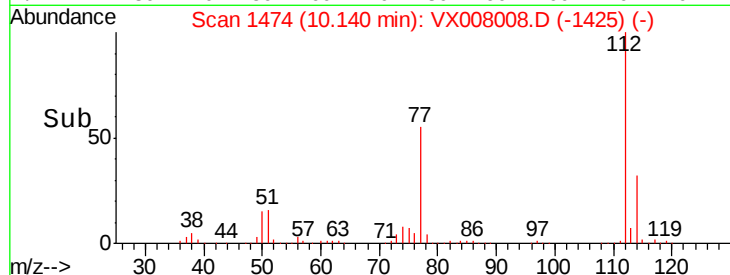
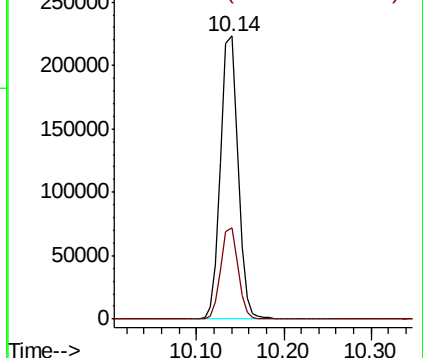
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.087 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

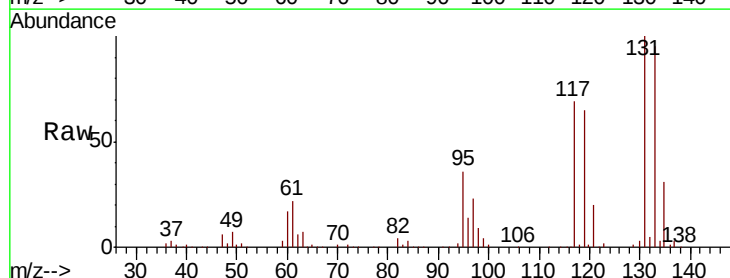
Tgt Ion:131 Resp: 114316

Ion Ratio Lower Upper

131 100

133 96.3 47.8 143.3

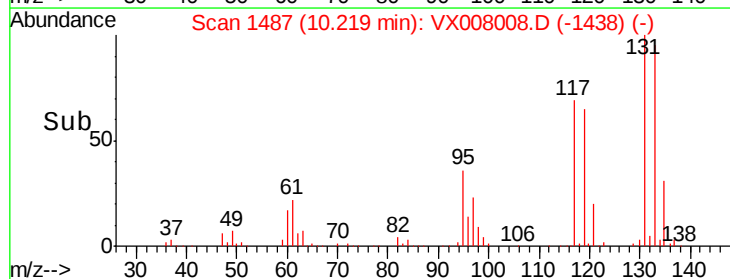
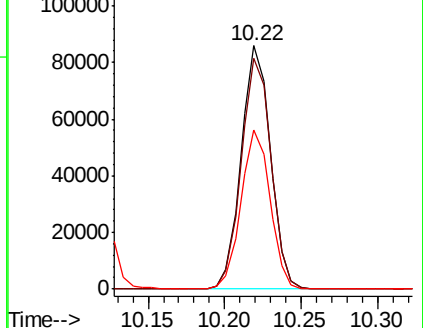
119 65.3 32.5 97.5

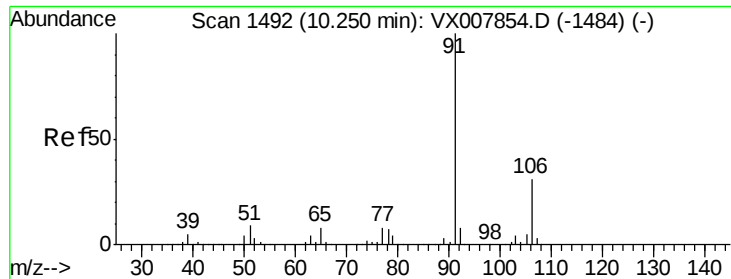


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.641 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 520461

Ion Ratio Lower Upper

91 100

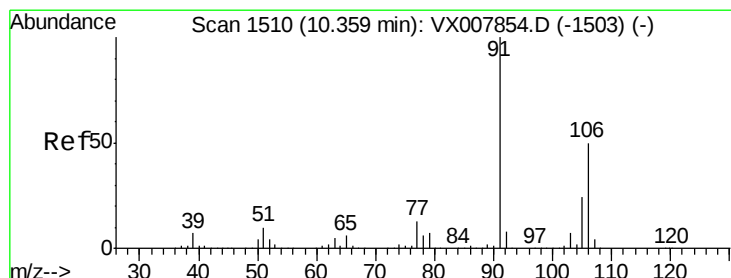
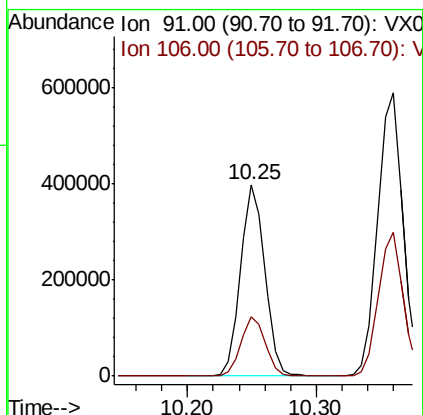
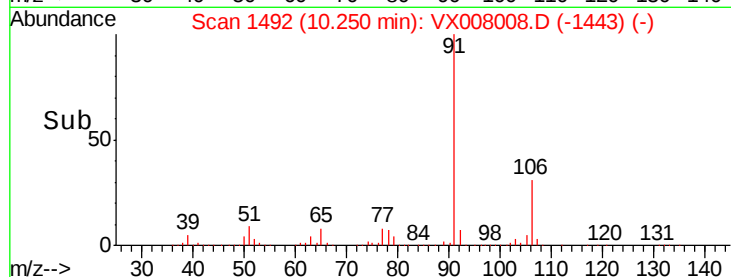
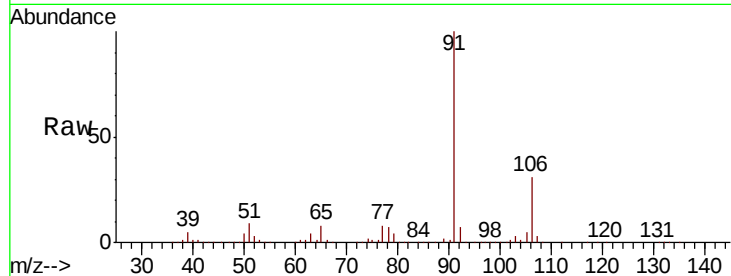
106 30.9 25.2 37.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.195 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008008.D

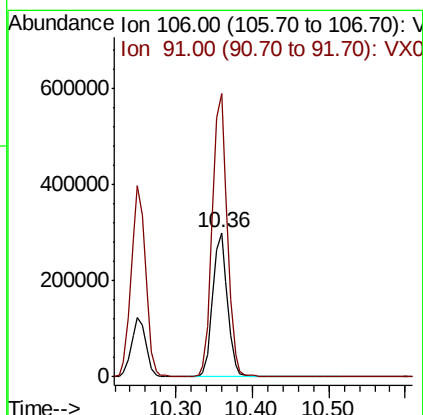
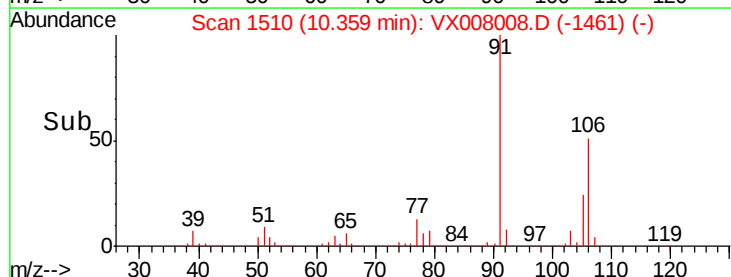
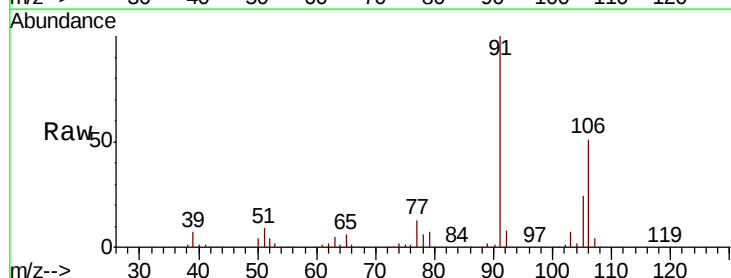
Acq: 12 Mar 2019 11:07

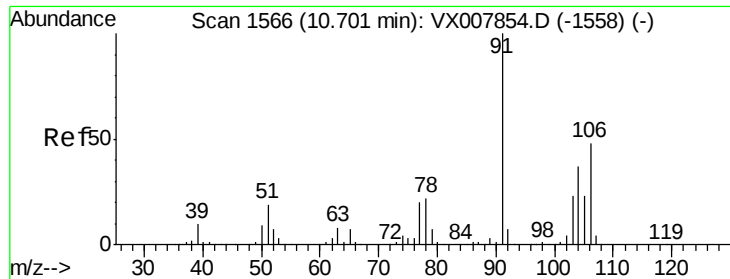
Tgt Ion: 106 Resp: 400878

Ion Ratio Lower Upper

106 100

91 199.4 159.8 239.6





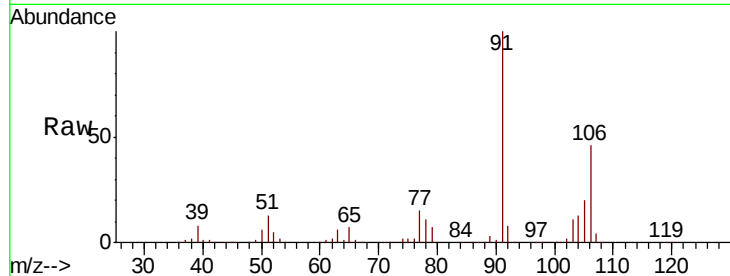
#69
o-Xylene
Concen: 50.635 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

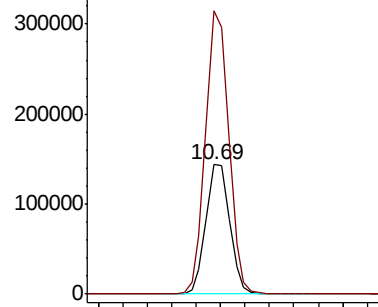
Tgt Ion:106 Resp: 193656
Ion Ratio Lower Upper
106 100
91 213.2 106.3 318.9

Manual Integrations
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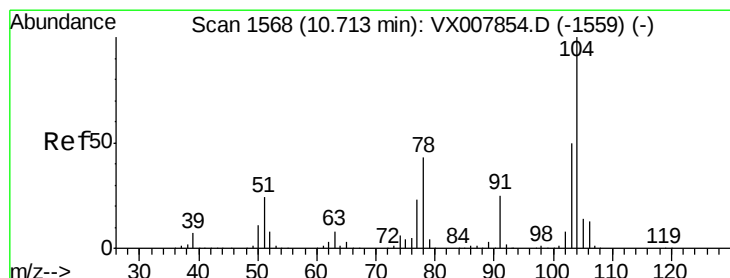
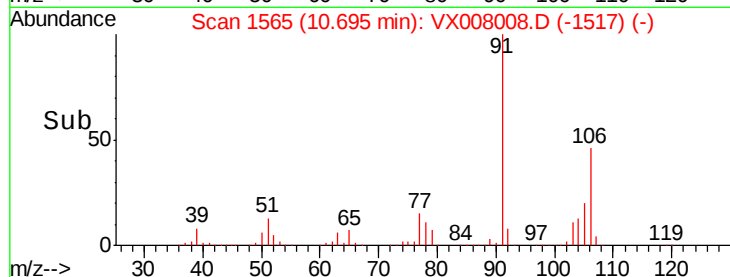
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

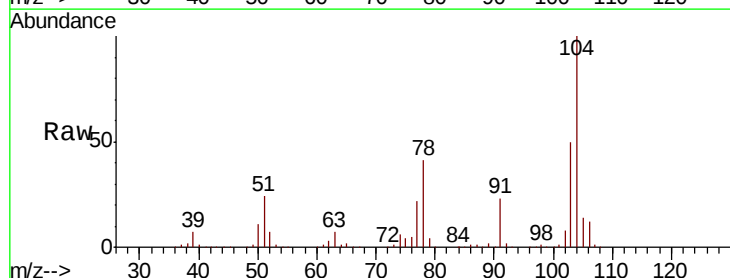


Time--> 10.60 10.70 10.80

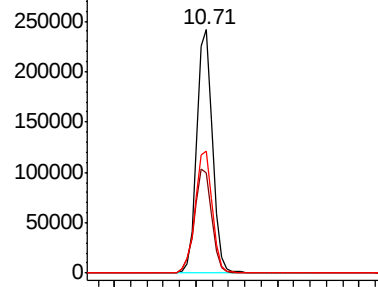


#70
Styrene
Concen: 51.502 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

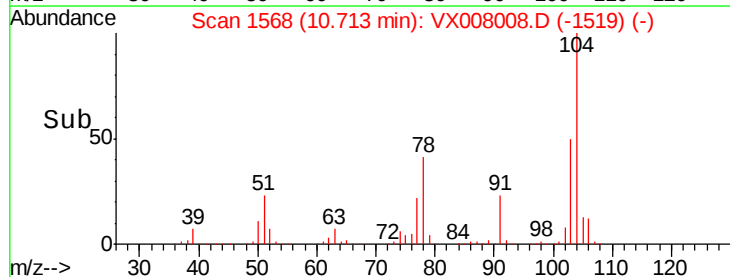
Tgt Ion:104 Resp: 322324
Ion Ratio Lower Upper
104 100
78 47.5 38.5 57.7
103 55.2 44.1 66.1

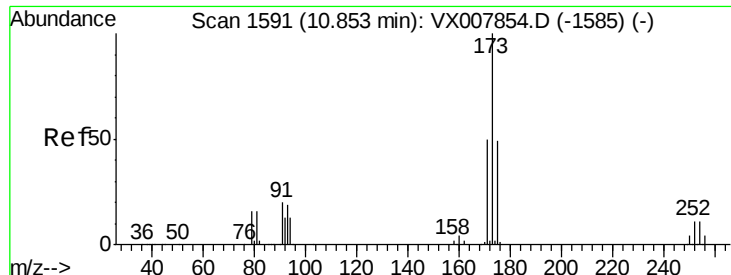


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80 10.90





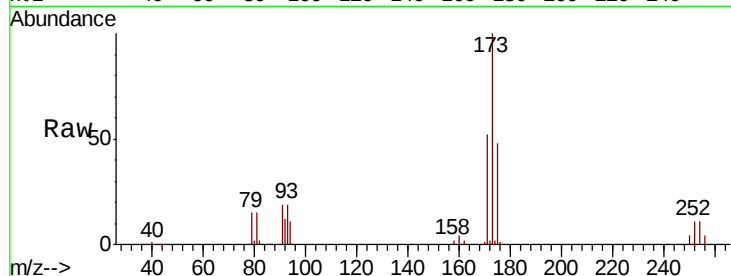
#71
Bromoform
Concen: 50.078 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

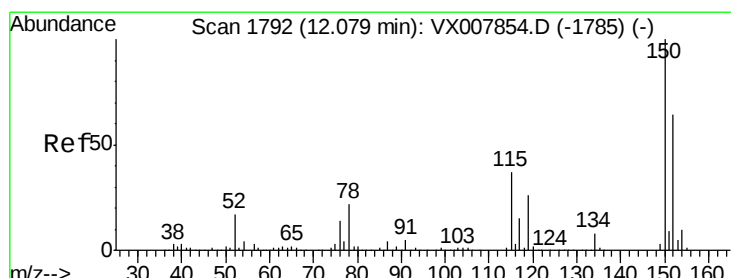
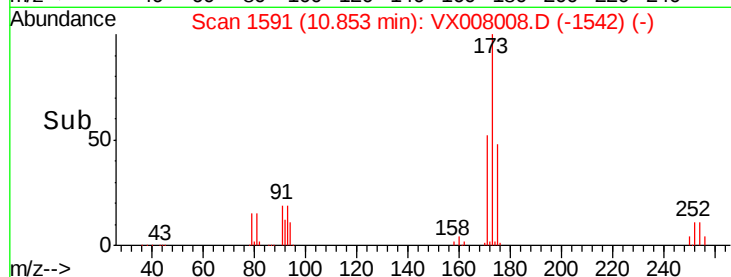
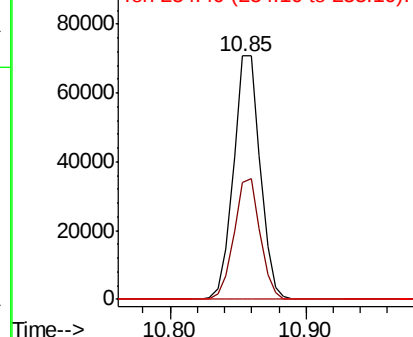
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	72.9
254	0.0	0.1	0.1#

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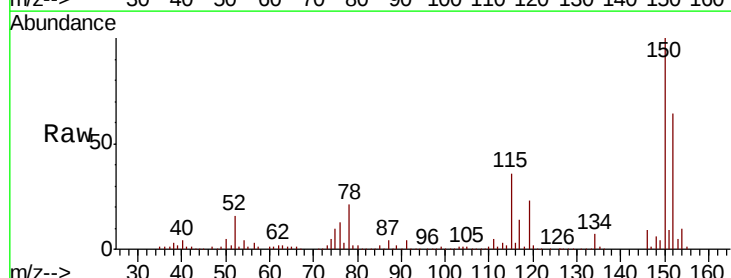


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

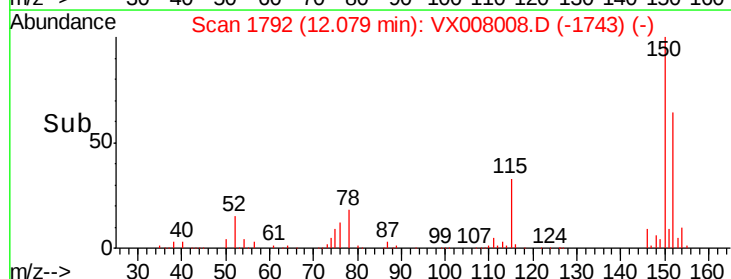
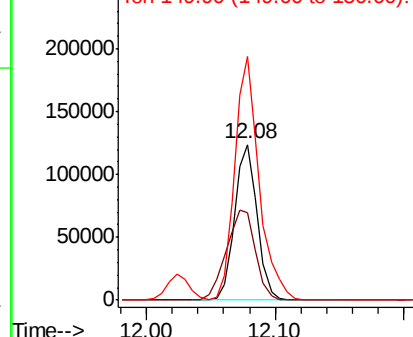


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.6	38.6	115.7
150	170.7	0.0	348.4



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





#73

Isopropylbenzene

Concen: 50.823 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 517950

Ion Ratio Lower Upper

105 100

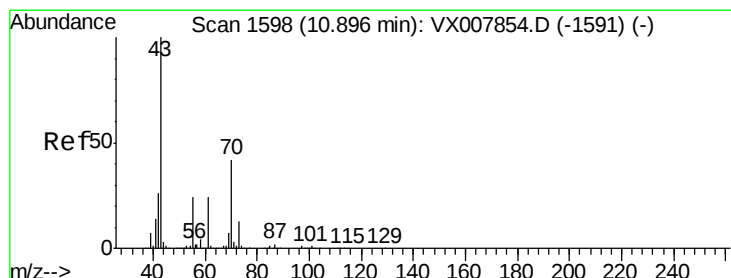
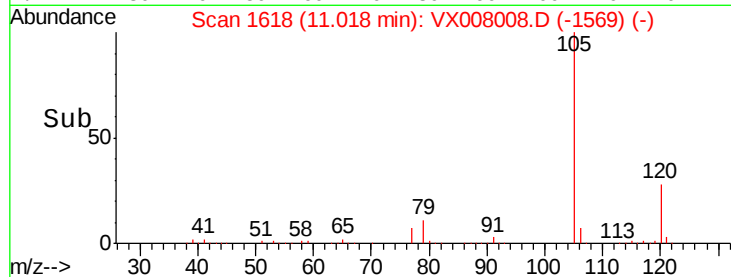
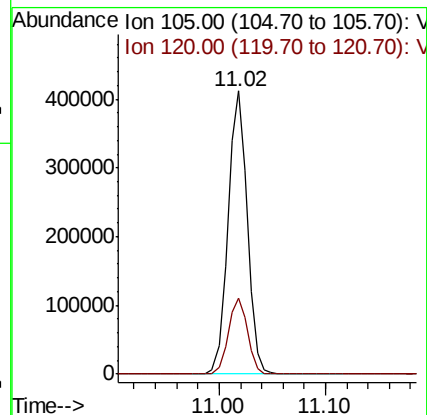
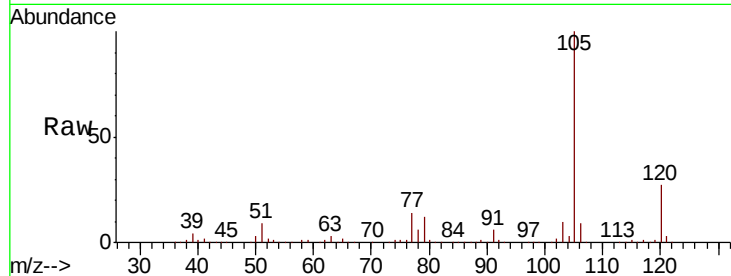
120 26.8 13.4 40.1

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#74

N-ethyl acetate

Concen: 46.008 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion: 43 Resp: 214056

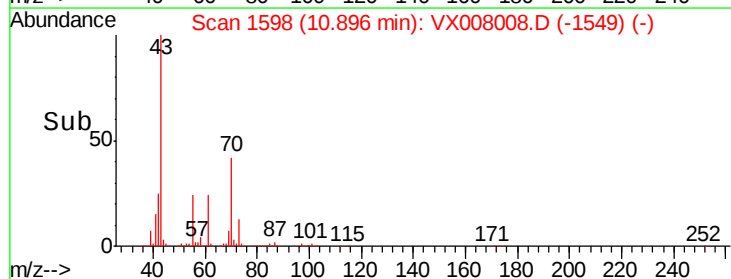
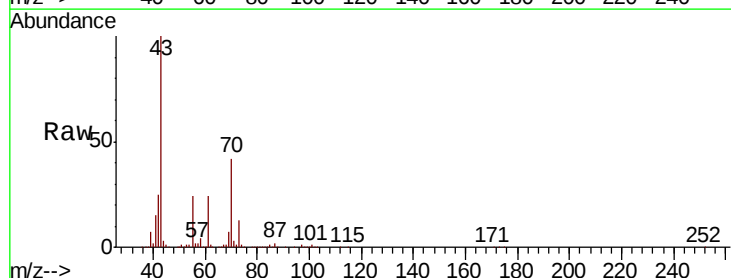
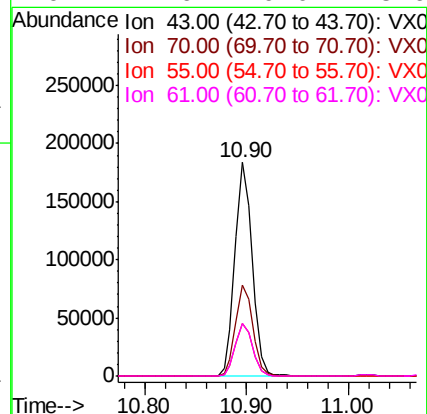
Ion Ratio Lower Upper

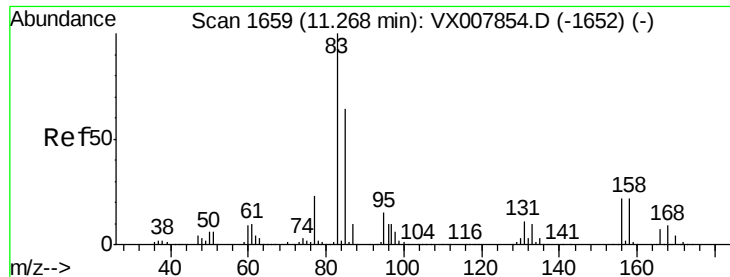
43 100

70 42.7 33.5 50.3

55 25.0 19.2 28.8

61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.369 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

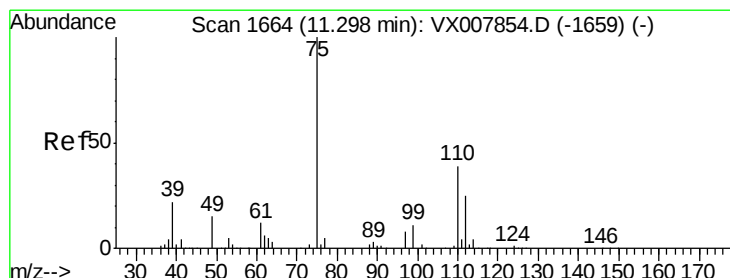
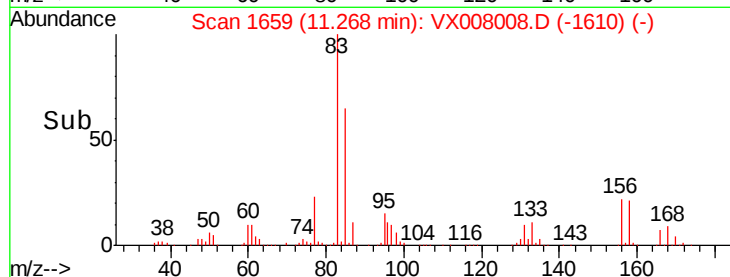
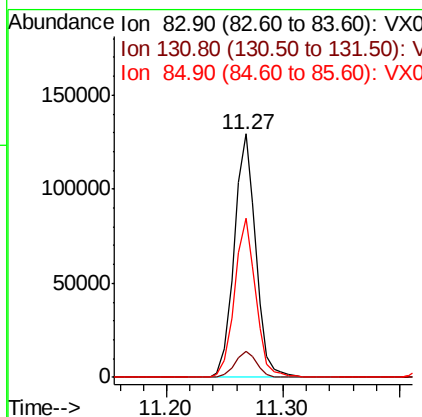
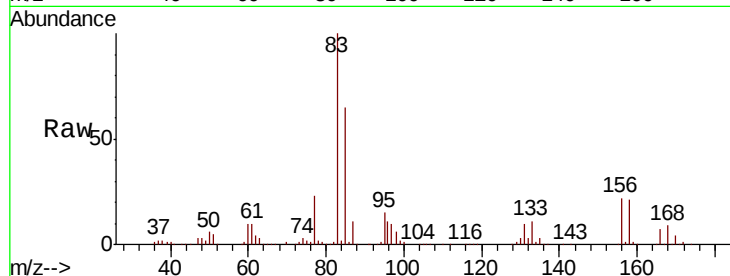
ClientSampled :

VSTDCCC050EC

Tgt Ion:	83	Resp:	166518
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	64.3	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 43.602 ug/l m

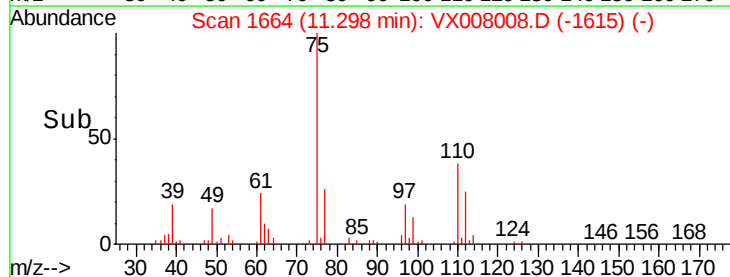
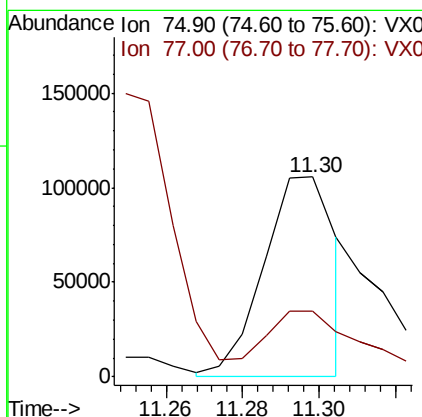
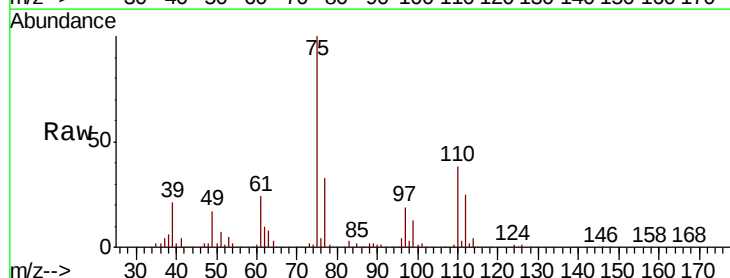
RT: 11.30 min Scan# 1664

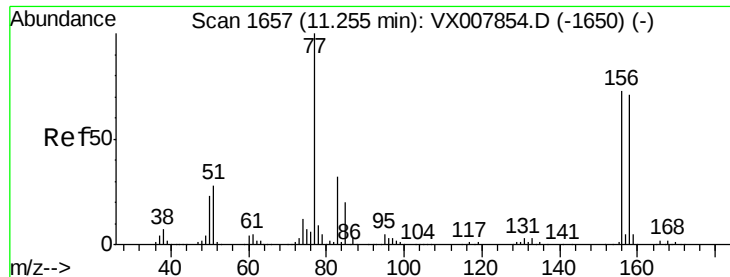
Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion:	75	Resp:	137874
Ion Ratio	Lower	Upper	
75	100		
77	44.8	18.9	56.7





#77

Bromobenzene

Concen: 49.831 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

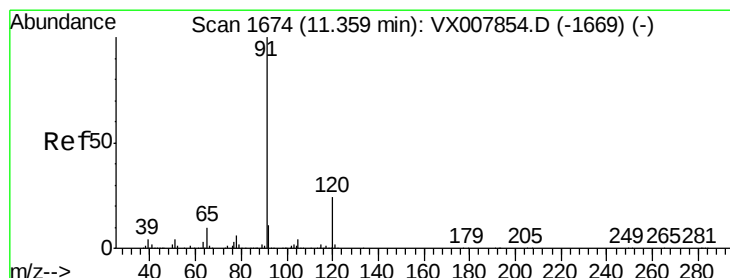
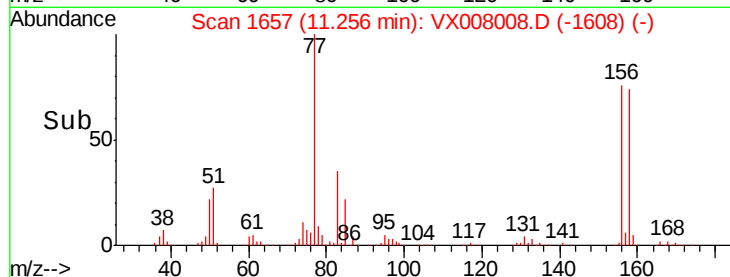
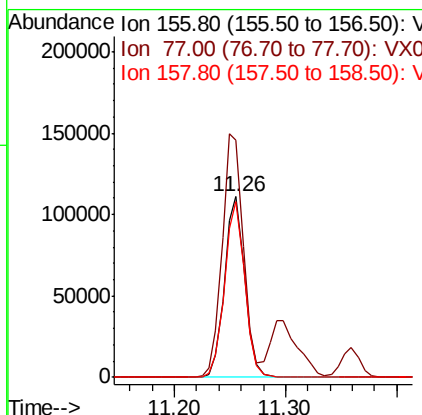
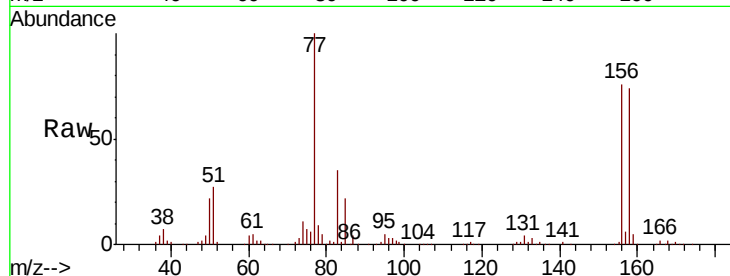
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	139233
Ion Ratio	Lower	Upper	
156	100		
77	140.5	72.0	215.9
158	97.2	48.6	145.9

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#78

n-propylbenzene

Concen: 50.390 ug/l

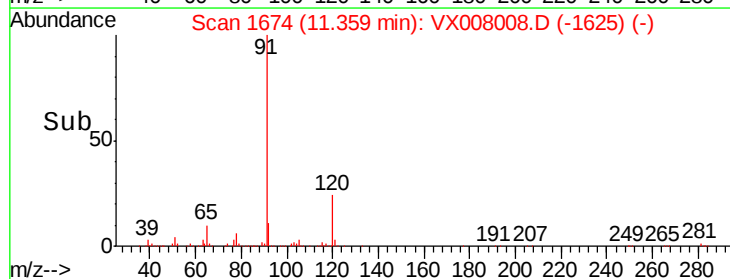
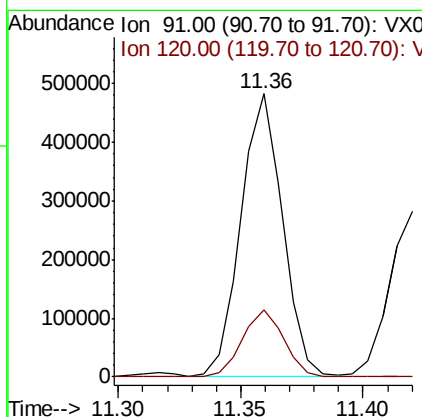
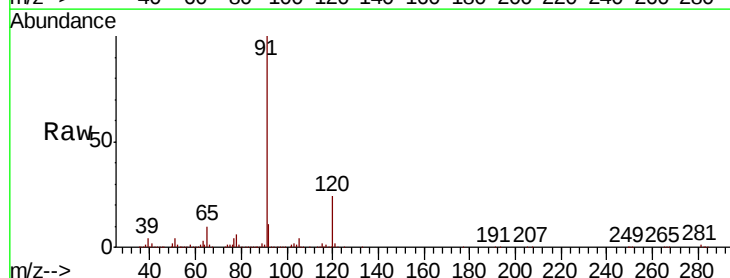
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion:	91	Resp:	569710
Ion Ratio	Lower	Upper	
91	100		
120	23.8	12.0	36.0





#79

2-Chlorotoluene

Concen: 49.351 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 341152

Ion Ratio Lower Upper

91 100

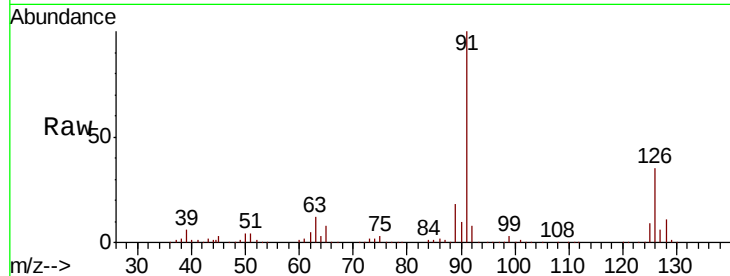
126 35.5 17.5 52.6

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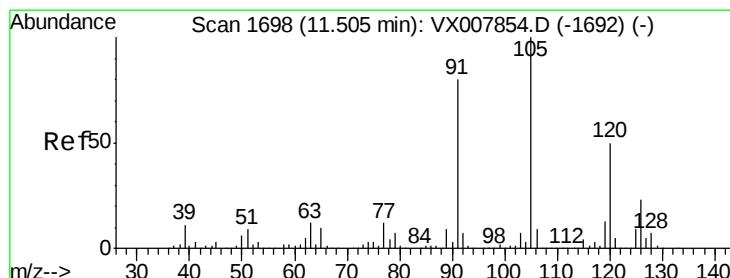
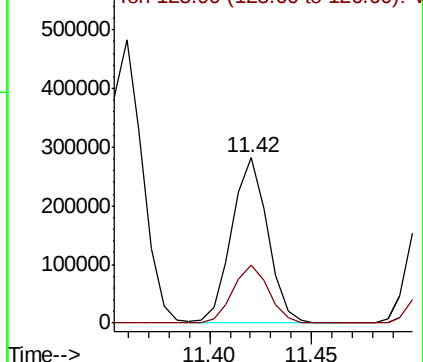
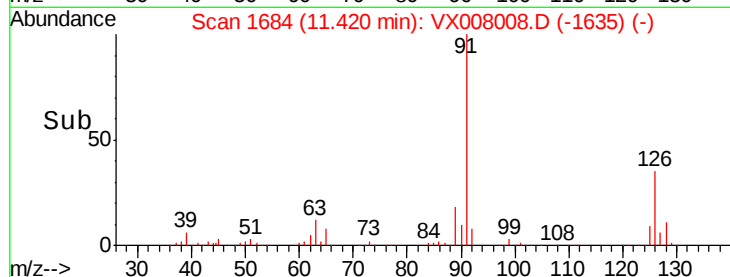
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Abundance Ion 91.00 (90.70 to 91.70): VX008008.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.125 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008008.D

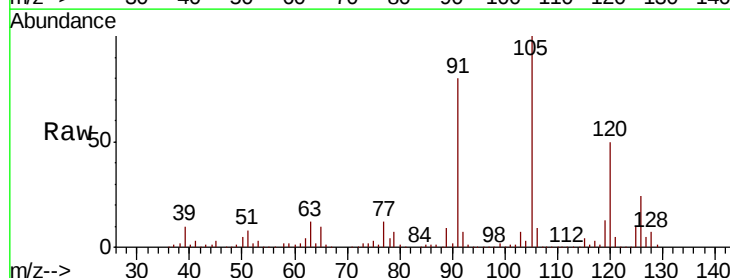
Acq: 12 Mar 2019 11:07

Tgt Ion: 105 Resp: 428839

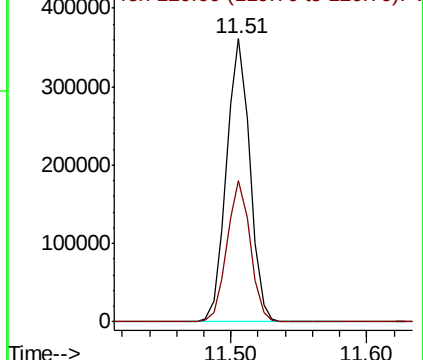
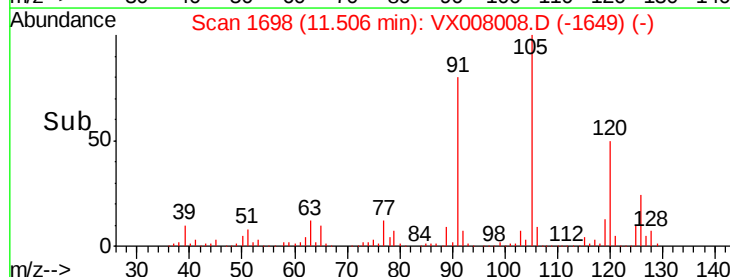
Ion Ratio Lower Upper

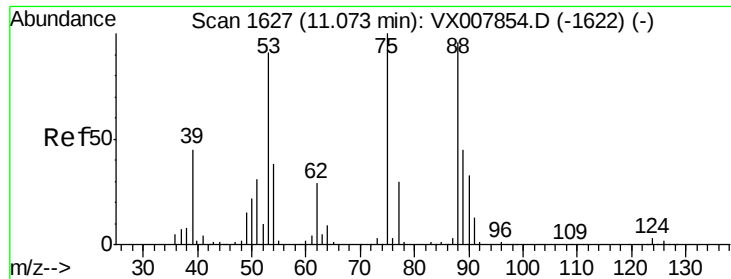
105 100

120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008008.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.877 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 41426
Ion Ratio Lower Upper

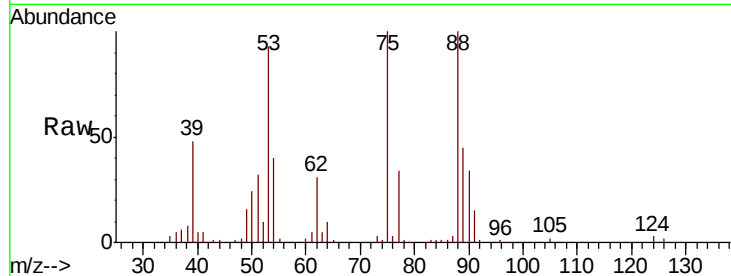
75 100

53 95.8 76.1 114.1

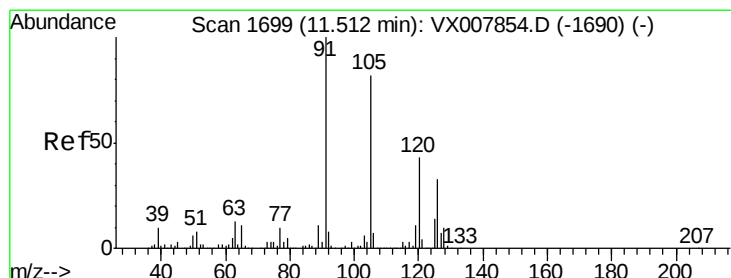
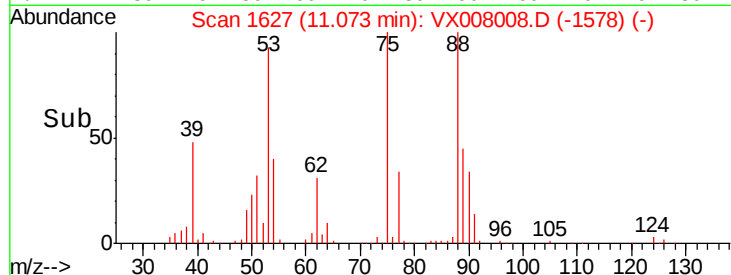
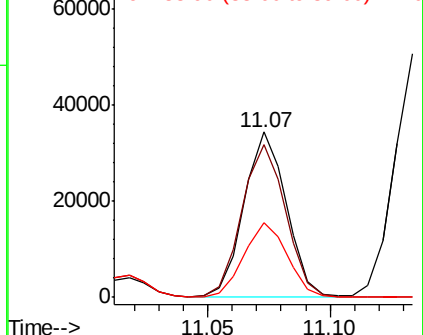
89 46.4 36.3 54.5

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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.521 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

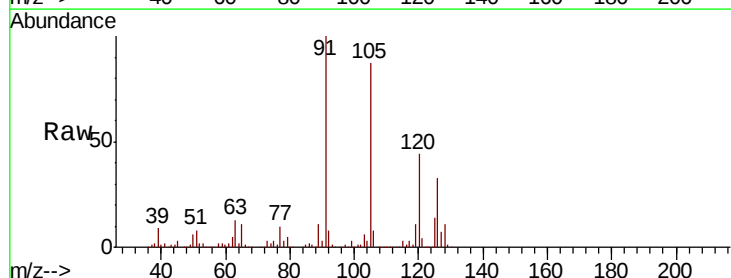
Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

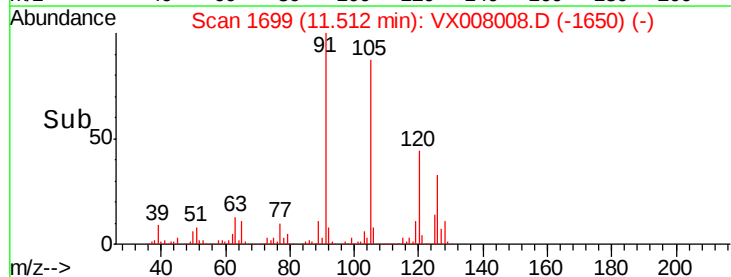
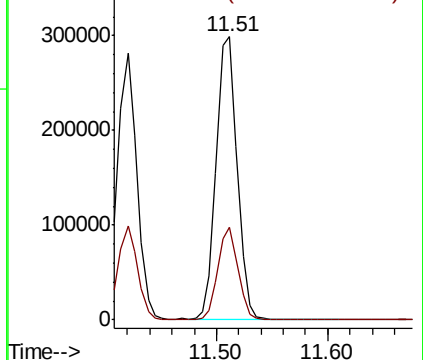
Tgt Ion: 91 Resp: 392306
Ion Ratio Lower Upper

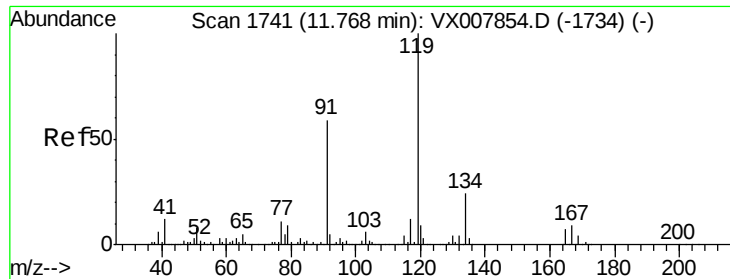
91 100

126 31.5 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





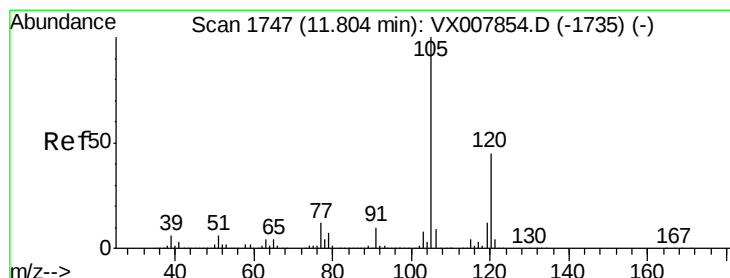
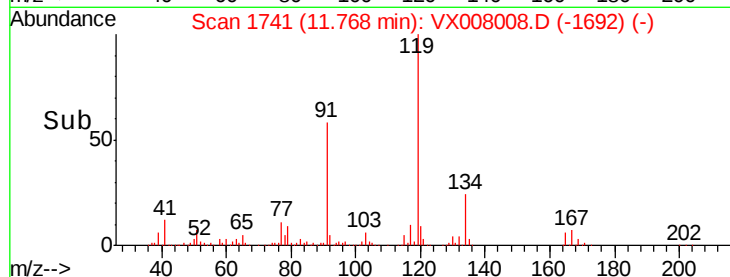
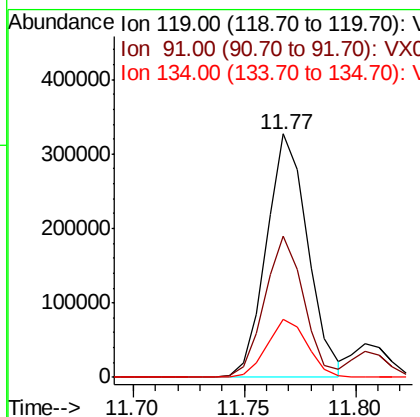
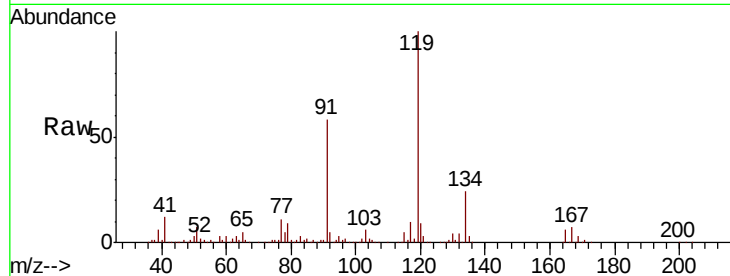
#83
tert-Butylbenzene
Concen: 49.747 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	420318		
91	55.5	27.1	81.3	
134	23.3	11.4	34.1	

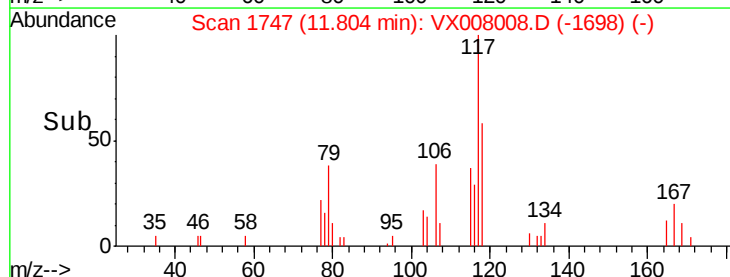
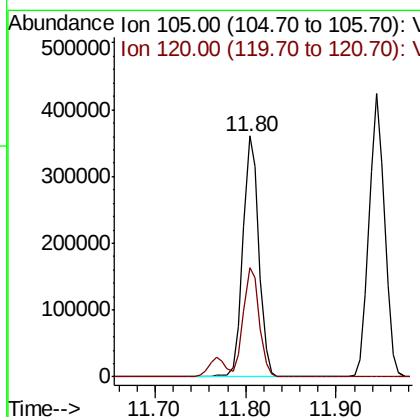
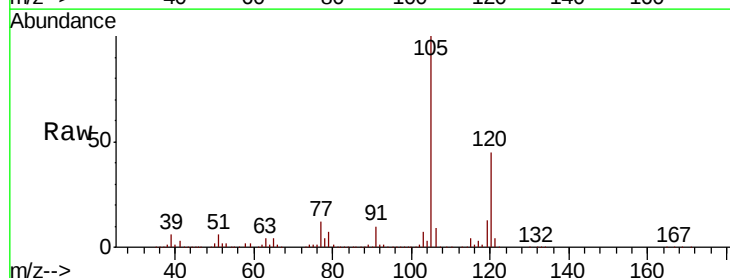
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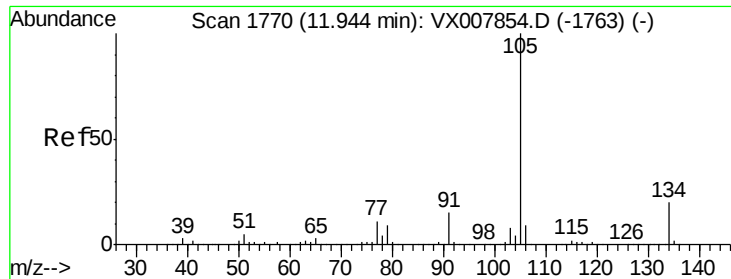
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#84
1,2,4-Trimethylbenzene
Concen: 50.950 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	438108		
120	45.2	22.6	67.7	





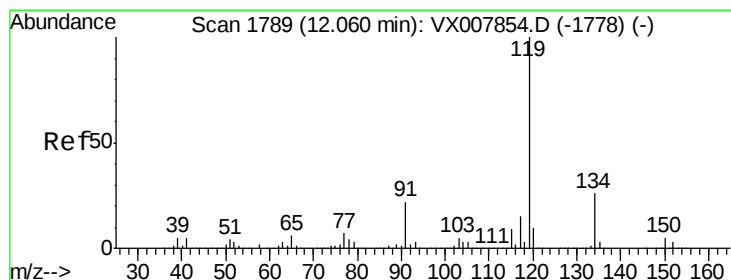
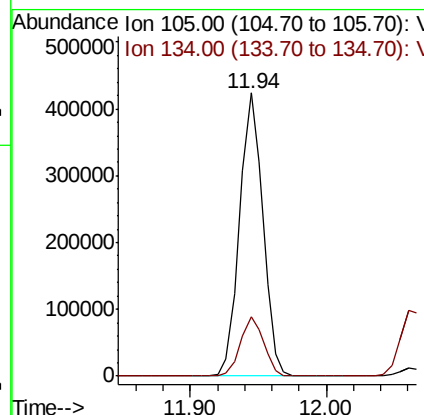
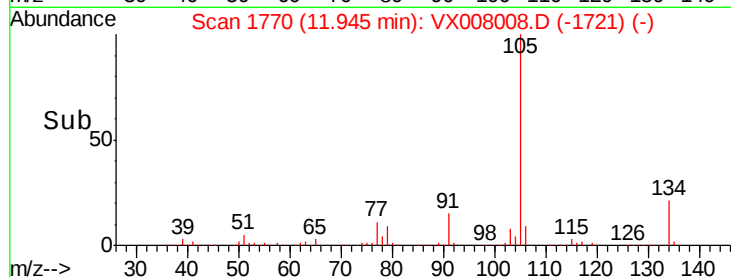
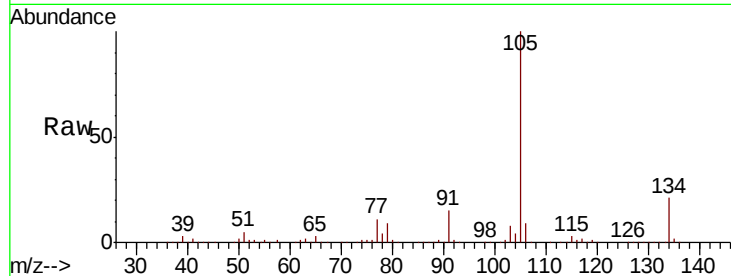
#85
 sec-Butylbenzene
 Concen: 50.955 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 507054
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.2

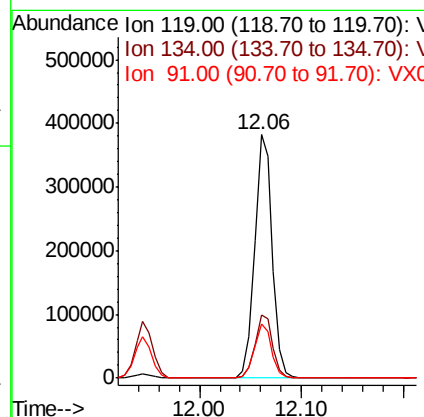
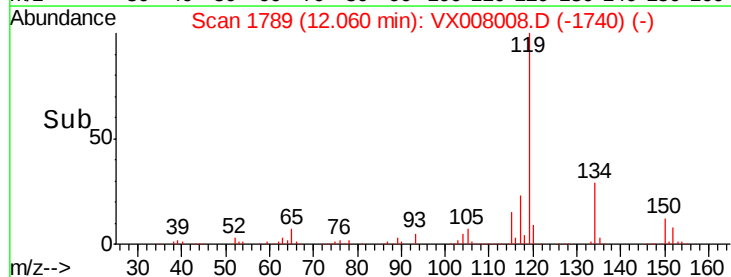
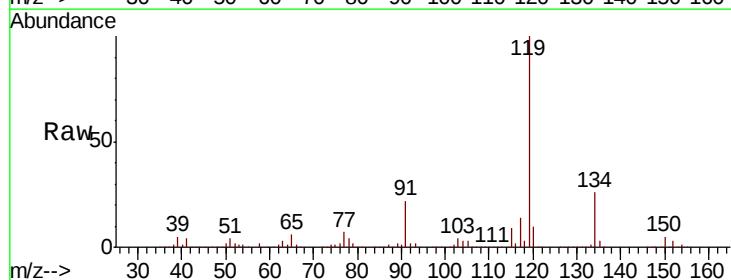
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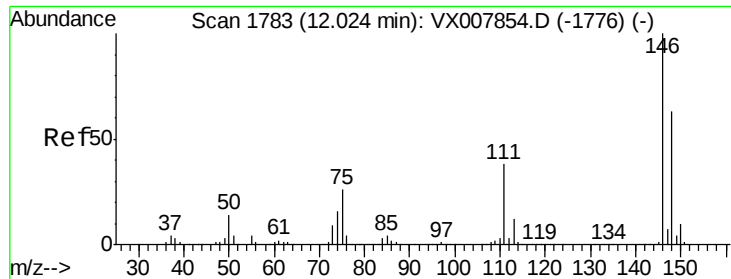
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#86
 p-Isopropyltoluene
 Concen: 51.317 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion:119 Resp: 457334
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 21.7 10.9 32.7





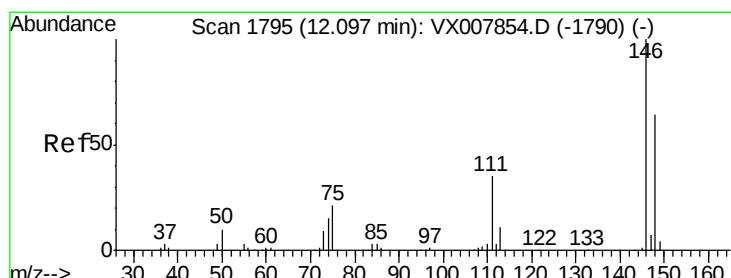
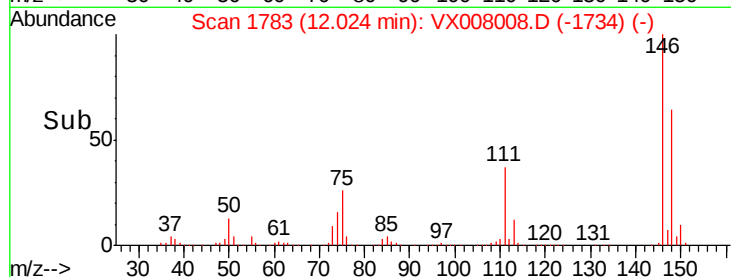
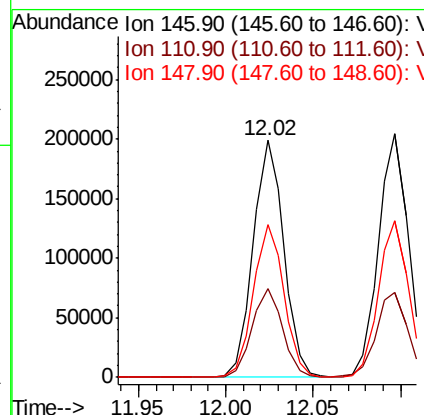
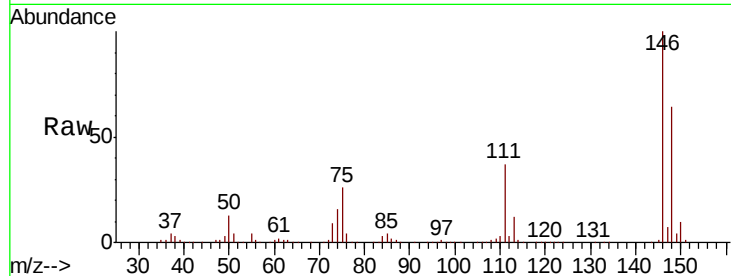
#87
 1,3-Dichlorobenzene
 Concen: 49.128 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	64.2	31.7	95.1

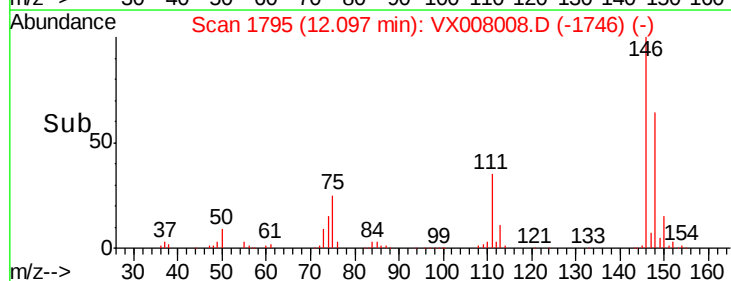
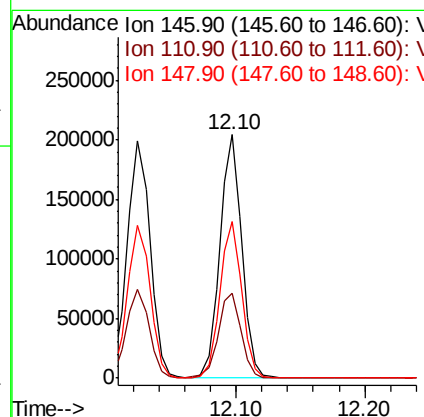
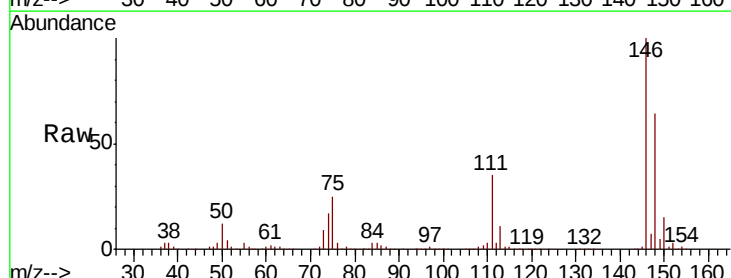
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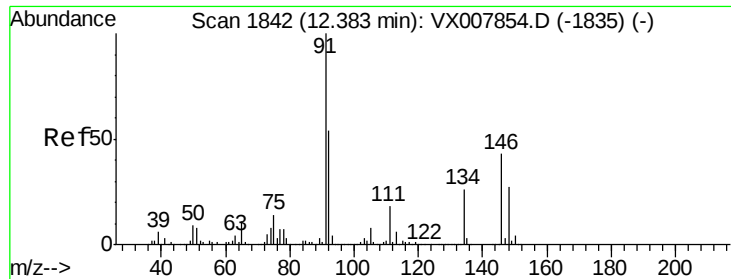
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#88
 1,4-Dichlorobenzene
 Concen: 48.232 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	64.1	32.2	96.6





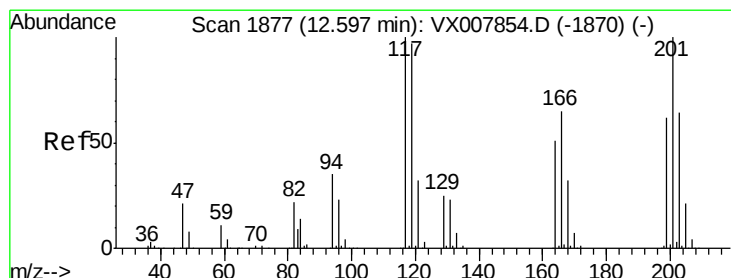
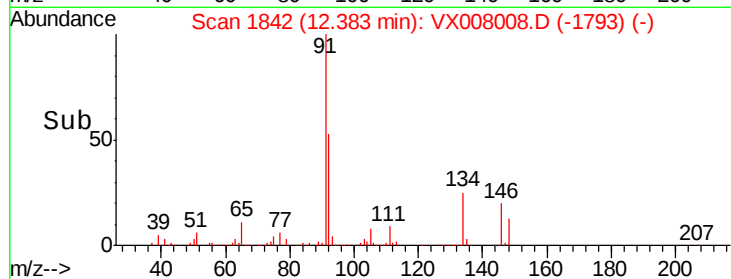
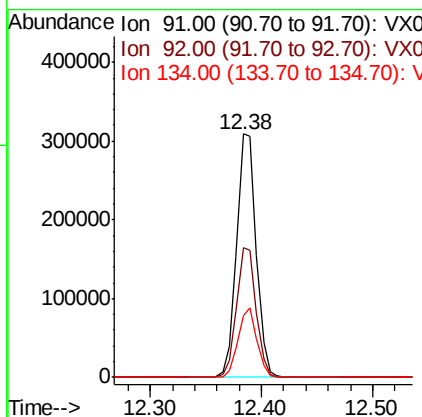
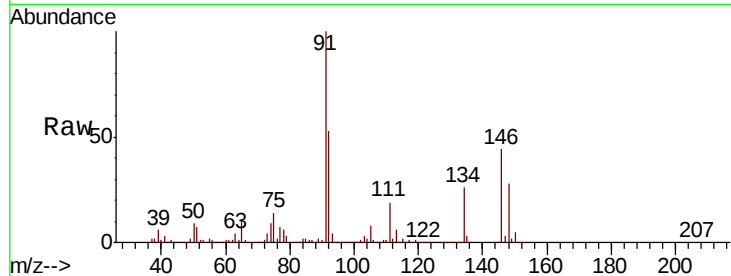
#89
n-Butylbenzene
Concen: 49.712 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.0	80.8
134	27.4	13.7	41.0

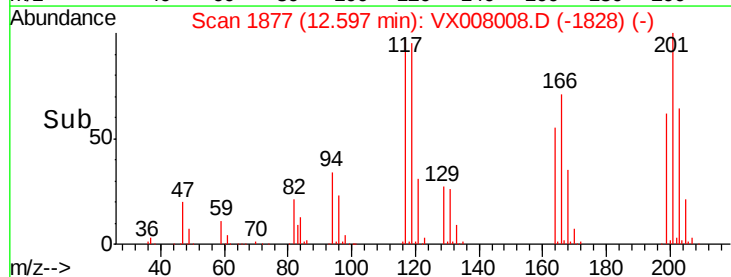
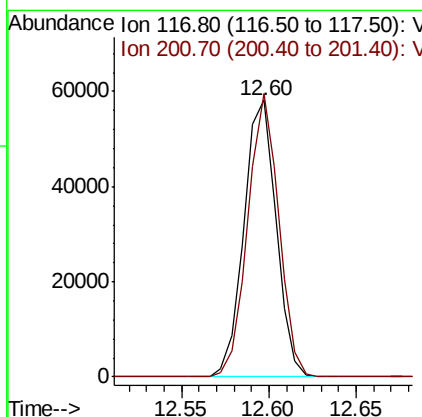
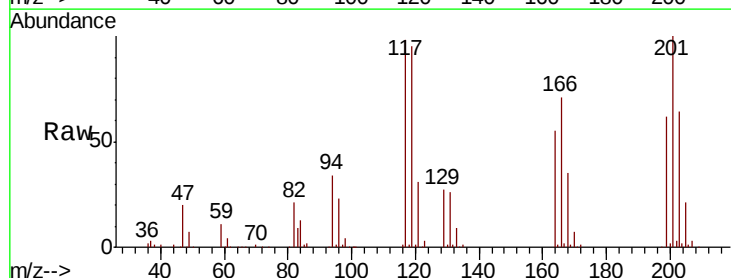
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#90
Hexachloroethane
Concen: 50.287 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008008.D
Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.1	48.9	146.7





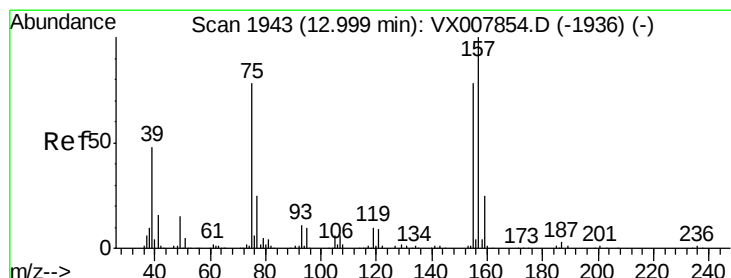
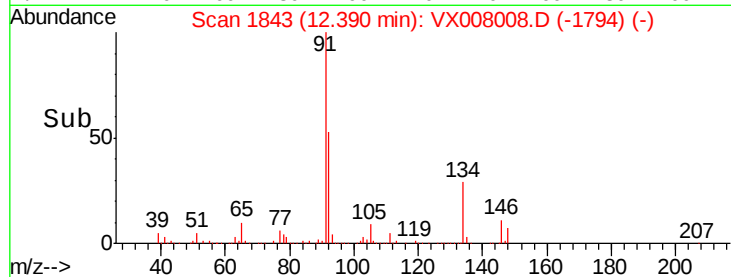
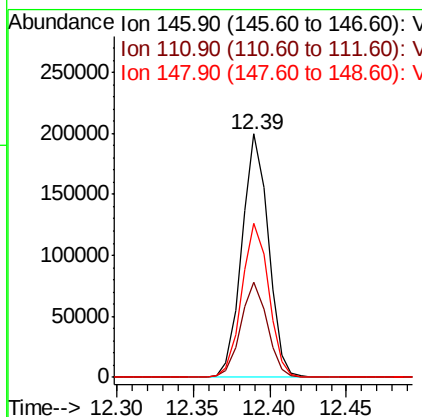
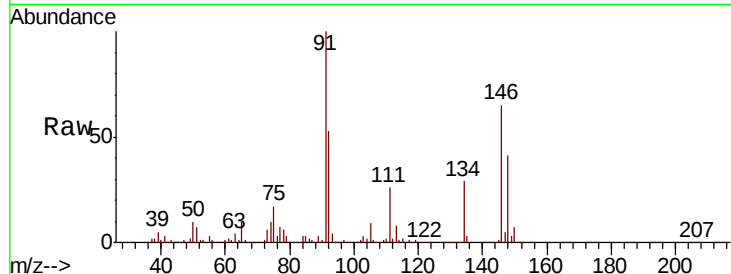
#91
 1,2-Dichlorobenzene
 Concen: 48.966 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.2	31.9	95.5

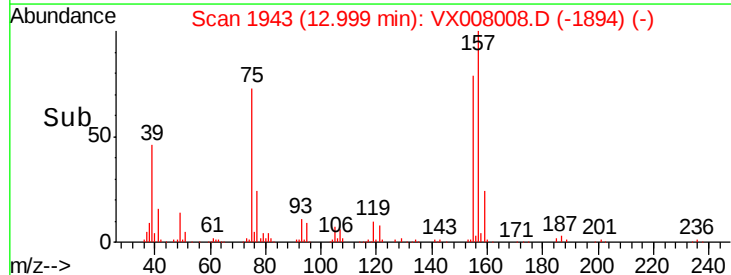
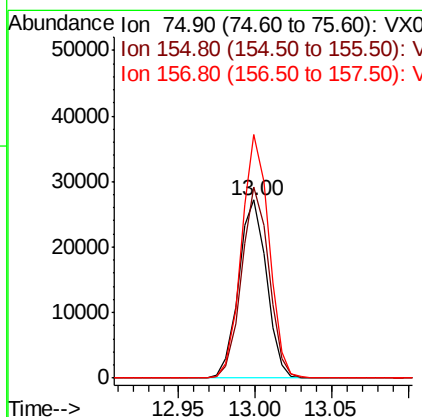
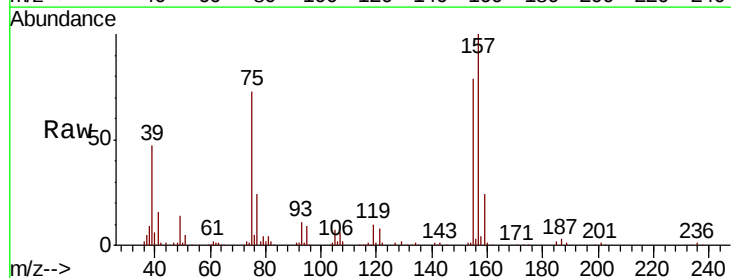
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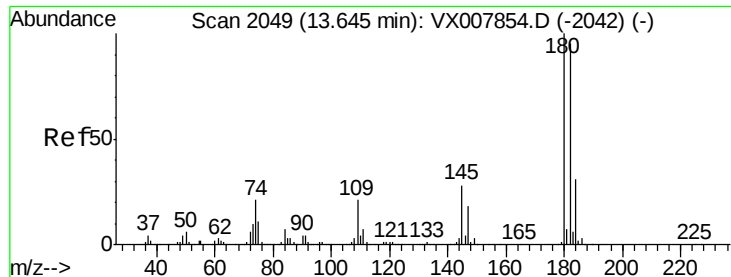
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.881 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.7	49.7	149.1
157	133.9	63.8	191.4





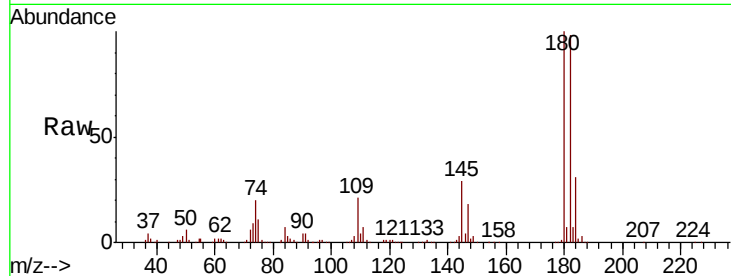
#93
 1,2,4-Trichlorobenzene
 Concen: 50.183 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173117		
182	95.5	47.9	143.7	
145	28.5	14.1	42.4	

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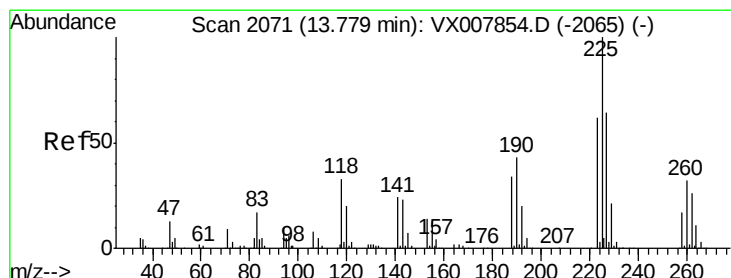
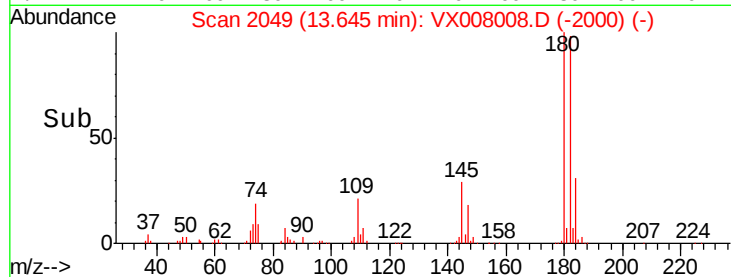
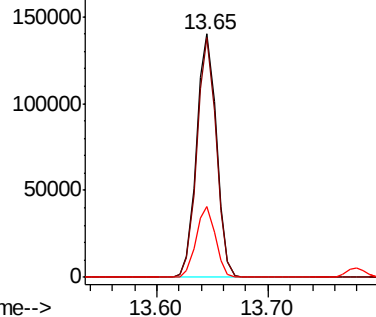


Abundance

Ion 179.80 (179.50 to 180.50): V

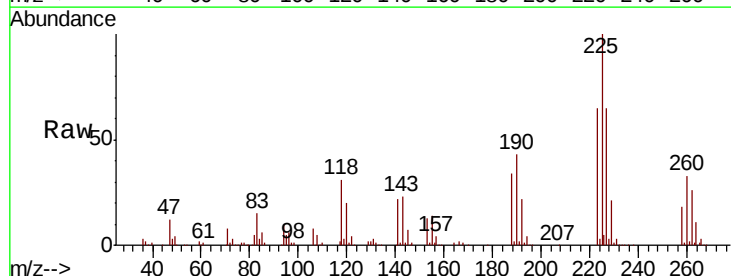
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.758 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008008.D
 Acq: 12 Mar 2019 11:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87939		
223	63.5	31.1	93.2	
227	64.9	32.0	96.0	

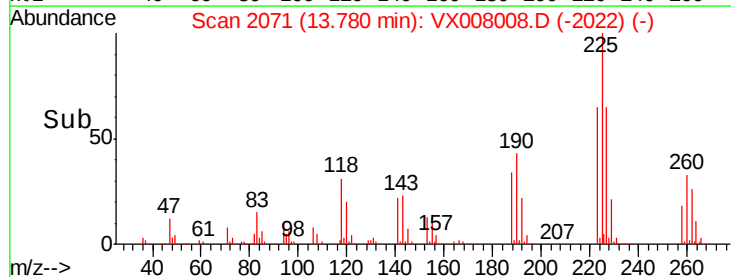
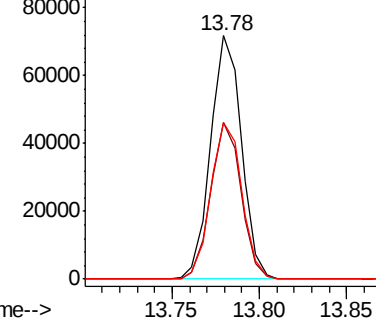


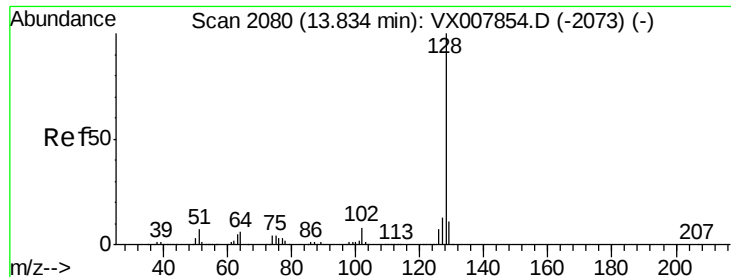
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.106 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Instrument :

MSVOA_X

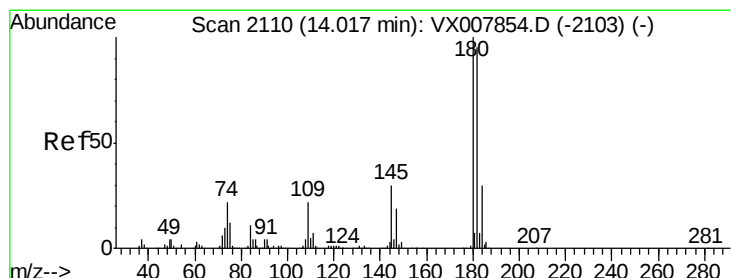
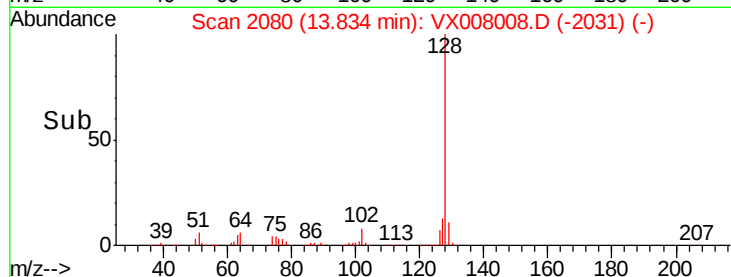
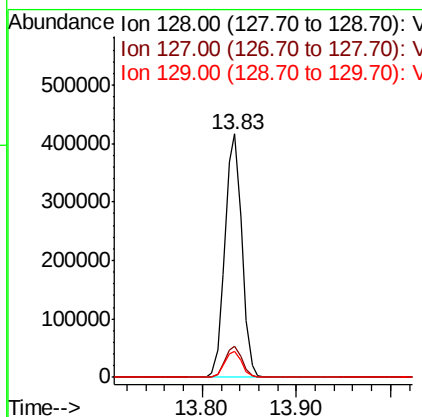
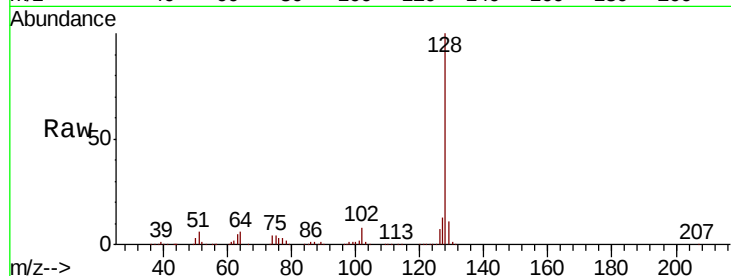
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	517922
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/16/2019 11:48:44 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.999 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008008.D

Acq: 12 Mar 2019 11:07

Tgt Ion:	180	Resp:	171821
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.5	142.5
145	30.3	14.8	44.3

