

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008608.D
 Acq On : 03 Apr 2019 10:43
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:38:25 PM

Quant Time: Apr 04 04:21:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	200888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	335581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134516	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147336	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
35) Dibromofluoromethane	5.50	113	107894	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.71	98	437017	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	155772	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	114148	49.364	ug/l	100
3) Chloromethane	1.32	50	144363	45.189	ug/l	100
4) Vinyl Chloride	1.41	62	152742	48.863	ug/l	100
5) Bromomethane	1.64	94	68628	41.166	ug/l	100
6) Chloroethane	1.71	64	90625	41.260	ug/l	100
7) Trichlorofluoromethane	1.92	101	171017	49.492	ug/l	100
8) Diethyl Ether	2.19	74	80325	49.019	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110211	49.539	ug/l	100
10) Methyl Iodide	2.51	142	103983	56.703	ug/l	100
11) Tert butyl alcohol	3.06	59	170938	249.193	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113181	48.734	ug/l	100
13) Acrolein	2.29	56	82088	241.337	ug/l	100
14) Allyl chloride	2.73	41	264575	49.764	ug/l	100
15) Acrylonitrile	3.15	53	451621	248.520	ug/l	100
16) Acetone	2.45	43	440822	261.207	ug/l	100
17) Carbon Disulfide	2.57	76	342905	45.969	ug/l	100
18) Methyl Acetate	2.78	43	195050	47.655	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	419261	50.550	ug/l	100
20) Methylene Chloride	2.86	84	133707	47.332	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	119791	47.686	ug/l	100
22) Diisopropyl ether	3.86	45	508456	49.618	ug/l	100
23) Vinyl Acetate	3.82	43	2288482	256.714	ug/l	100
24) 1,1-Dichloroethane	3.70	63	252149	49.698	ug/l	100
25) 2-Butanone	4.68	43	689803	258.610	ug/l	100
26) 2,2-Dichloropropane	4.59	77	180926	50.631	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	140113	48.512	ug/l	100
28) Bromochloromethane	5.02	49	115880	48.123	ug/l	100
29) Tetrahydrofuran	5.13	42	440885	249.034	ug/l	100
30) Chloroform	5.21	83	225011	49.654	ug/l	100
31) Cyclohexane	5.58	56	244451	48.286	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	185945	50.778	ug/l	100
36) 1,1-Dichloropropene	5.80	75	179297	48.878	ug/l	100
37) Ethyl Acetate	4.84	43	253855	51.846	ug/l	100
38) Carbon Tetrachloride	5.79	117	155779	51.310	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223379	49.295	ug/l	100
40) Benzene	6.14	78	543534	49.737	ug/l	100
41) Methacrylonitrile	5.04	41	140319	49.857	ug/l	100
42) 1,2-Dichloroethane	6.20	62	191561	48.896	ug/l	100
43) Isopropyl Acetate	6.45	43	394677	51.456	ug/l	100
44) Trichloroethene	7.21	130	126295	49.620	ug/l	100
45) 1,2-Dichloropropane	7.51	63	156223	50.085	ug/l	100
46) Dibromomethane	7.66	93	87683	48.469	ug/l	100
47) Bromodichloromethane	7.90	83	175114	51.339	ug/l	100
48) Methyl methacrylate	7.77	41	200026	51.554	ug/l	100
49) 1,4-Dioxane	7.74	88	72149	992.667	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1274808	258.187	ug/l	100
52) Toluene	8.79	92	325288	50.489	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	203954	53.379	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	226719	51.930	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	129821	50.199	ug/l	100
56) Ethyl methacrylate	9.18	69	243512	52.042	ug/l	100
57) 1,3-Dichloropropane	9.37	76	234217	50.436	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	616627	258.082	ug/l	100
59) 2-Hexanone	9.49	43	980485	255.522	ug/l	100
60) Dibromochloromethane	9.58	129	128340	52.664	ug/l	100
61) 1,2-Dibromoethane	9.67	107	136068	50.540	ug/l	100
64) Tetrachloroethene	9.34	164	108420	49.583	ug/l	100
65) Chlorobenzene	10.14	112	325681	49.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	118431	51.601	ug/l	100
67) Ethyl Benzene	10.25	91	617572	50.624	ug/l	100
68) m/p-Xylenes	10.36	106	444005	101.226	ug/l	100
69) o-Xylene	10.70	106	214507	50.463	ug/l	100
70) Styrene	10.71	104	376477	51.380	ug/l	100
71) Bromoform	10.85	173	93751	53.483	ug/l #	100
73) Isopropylbenzene	11.02	105	572653	51.369	ug/l	100
74) N-amyl acetate	10.90	43	334431	50.991	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209616	49.442	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	181187m	45.562	ug/l	
77) Bromobenzene	11.26	156	135154	50.432	ug/l	100
78) n-propylbenzene	11.36	91	671014	51.696	ug/l	100
79) 2-Chlorotoluene	11.42	91	393303	50.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	484132	51.737	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73085	54.519	ug/l	100
82) 4-Chlorotoluene	11.51	91	456531	50.210	ug/l	100
83) tert-Butylbenzene	11.77	119	456447	50.701	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	486670	51.363	ug/l	100
85) sec-Butylbenzene	11.94	105	553749	51.783	ug/l	100
86) p-Isopropyltoluene	12.06	119	497361	51.819	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	238671	49.747	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	236264	48.632	ug/l	100
89) n-Butylbenzene	12.38	91	473808	52.639	ug/l	100
90) Hexachloroethane	12.60	117	83854	52.675	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	234844	49.301	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46588	49.952	ug/l	100

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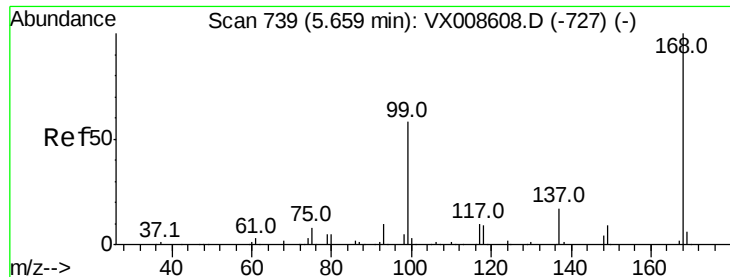
Manual Integrations
APPROVED

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Quant Time: Apr 04 04:21:42 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	163079	49.239	ug/l	100
94) Hexachlorobutadiene	13.78	225	81400	51.247	ug/l	100
95) Naphthalene	13.83	128	555178	50.154	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161155	48.700	ug/l	100

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



#1

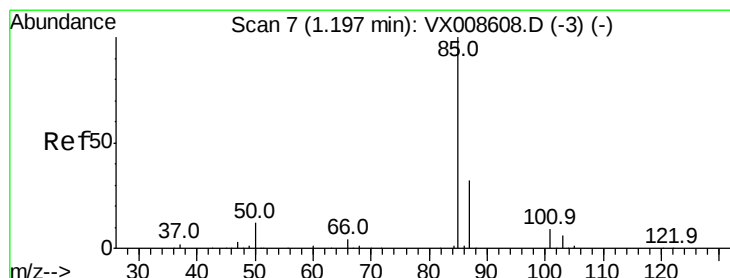
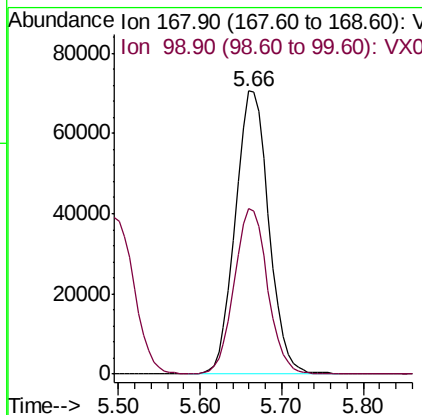
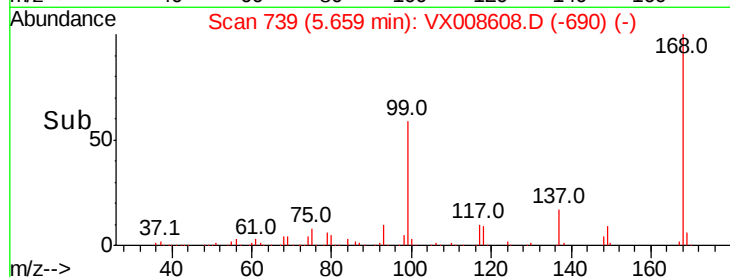
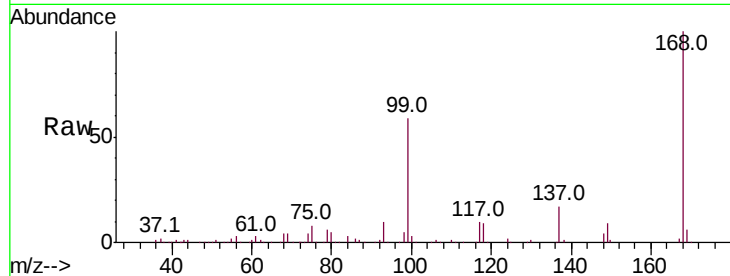
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.4	46.7	70.1

Manual Integrations
 APPROVED

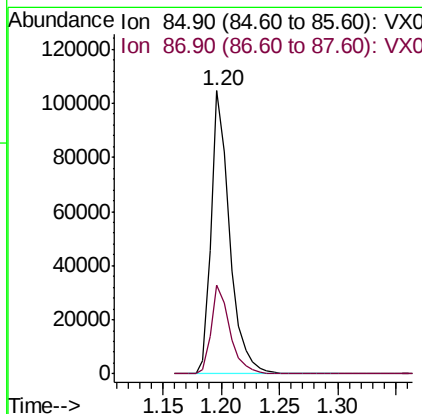
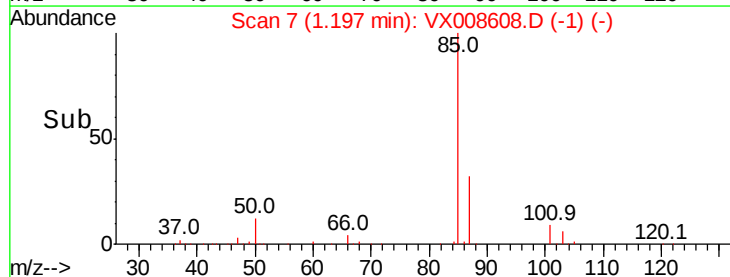
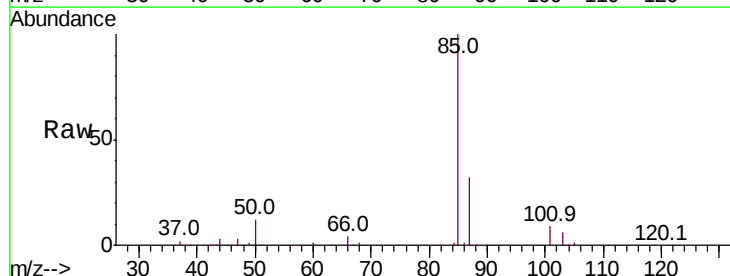
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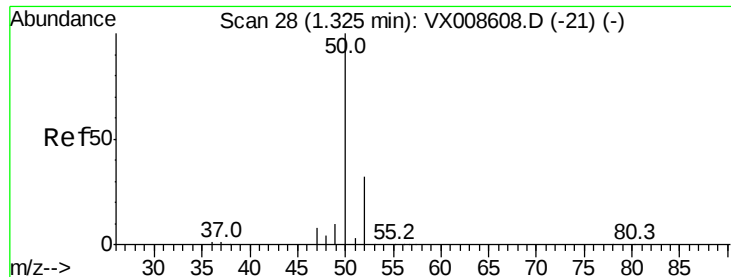


#2

Dichlorodifluoromethane
 Concen: 49.364 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3





#3

Chloromethane

Concen: 45.189 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 144363

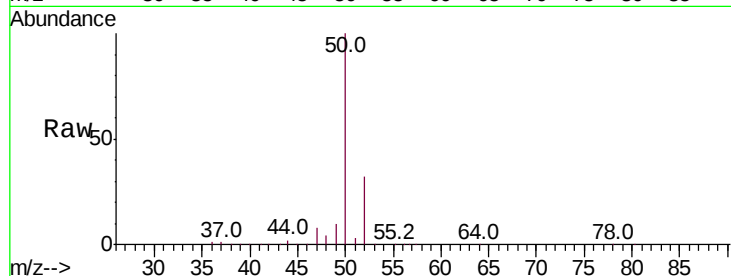
Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8

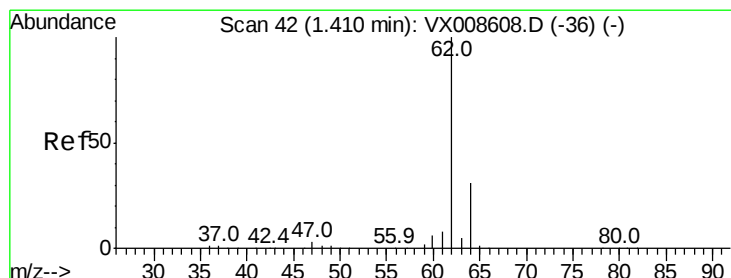
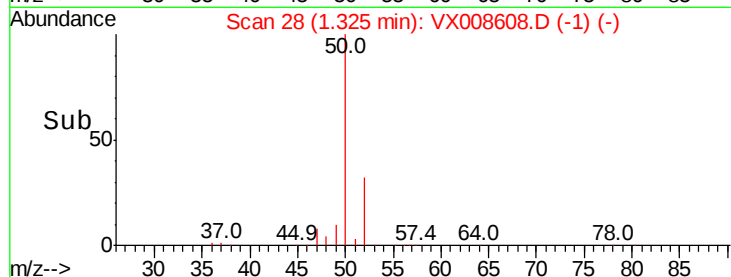
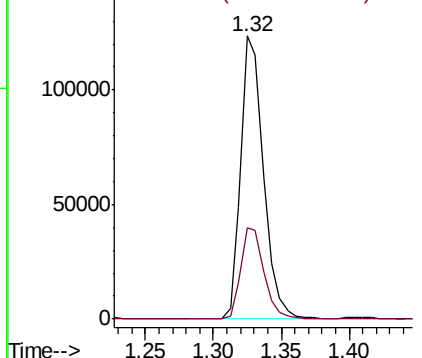
Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.863 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008608.D

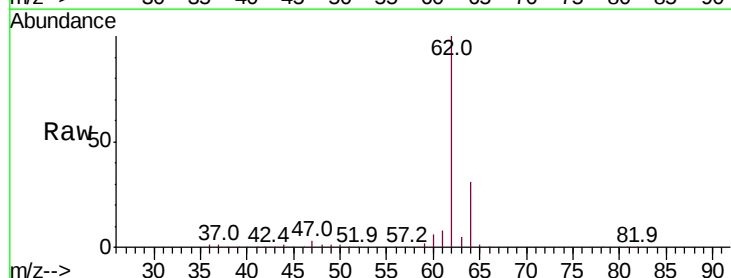
Acq: 03 Apr 2019 10:43

Tgt Ion: 62 Resp: 152742

Ion Ratio Lower Upper

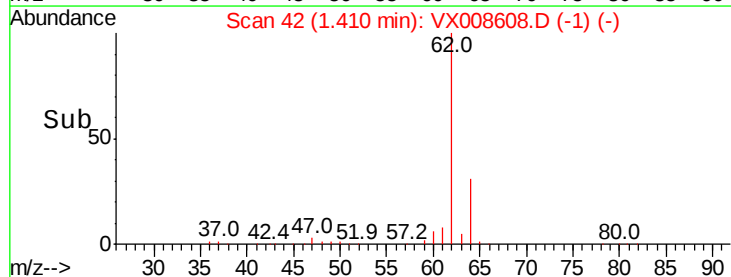
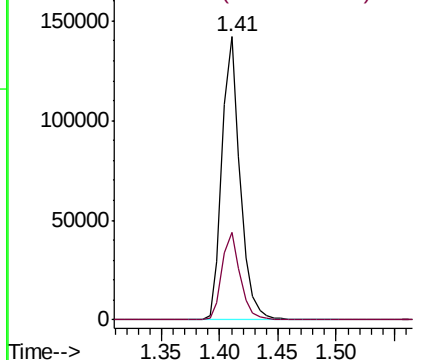
62 100

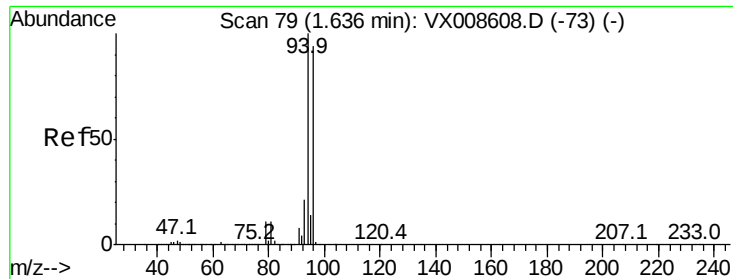
64 30.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.166 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 68628

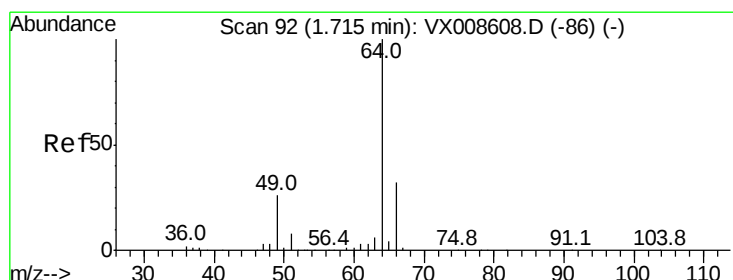
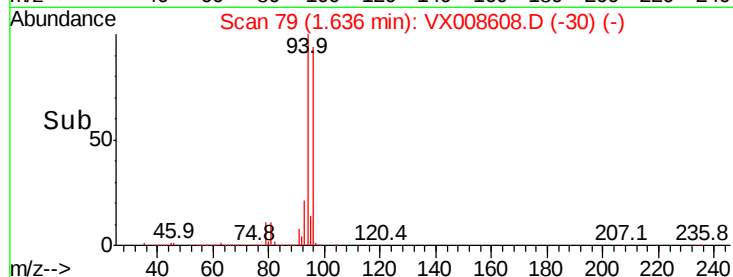
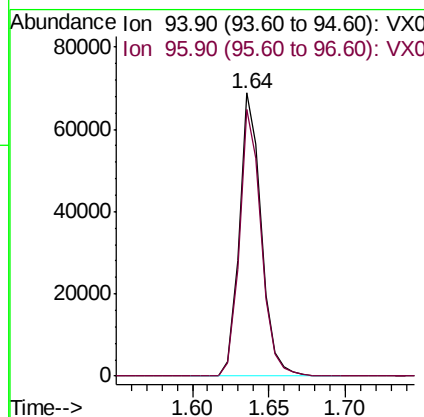
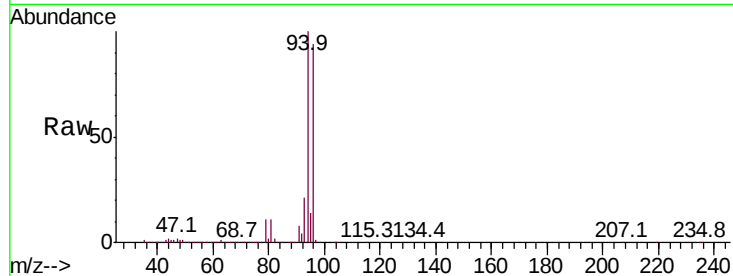
Ion Ratio Lower Upper

94 100

96 94.0 75.2 112.8

Manual Integrations
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#6

Chloroethane

Concen: 41.260 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008608.D

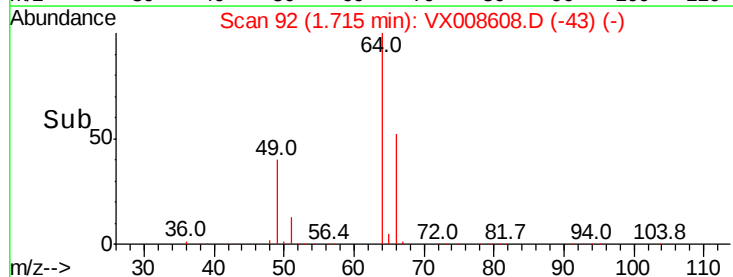
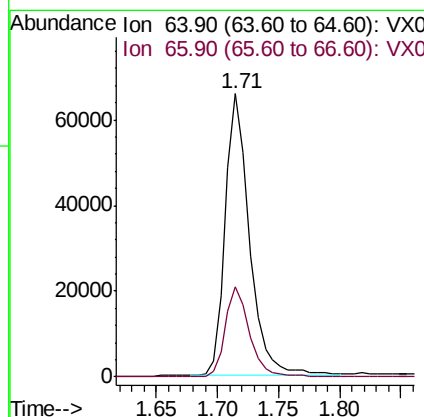
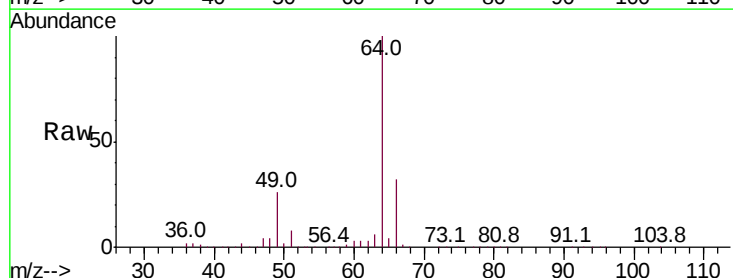
Acq: 03 Apr 2019 10:43

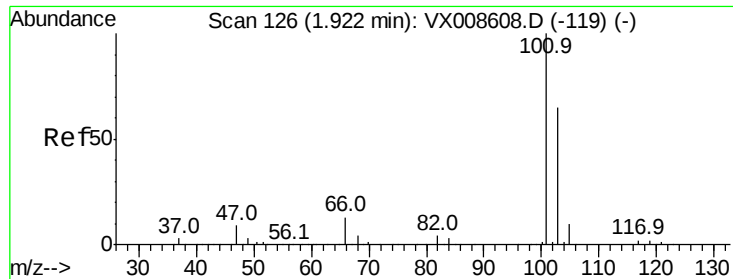
Tgt Ion: 64 Resp: 90625

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.0





#7

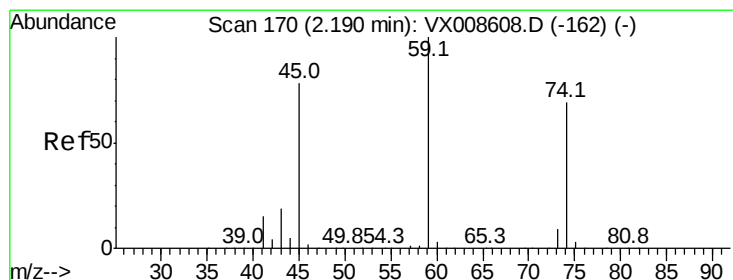
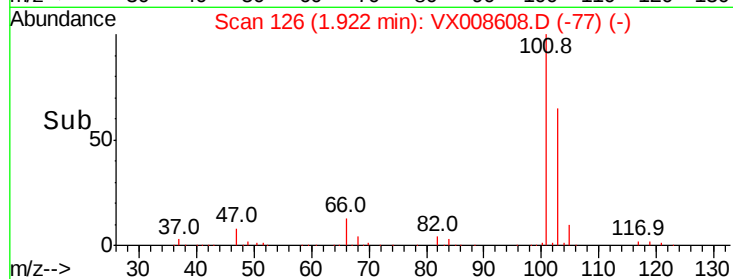
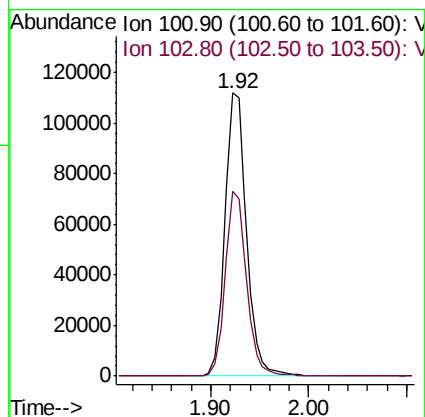
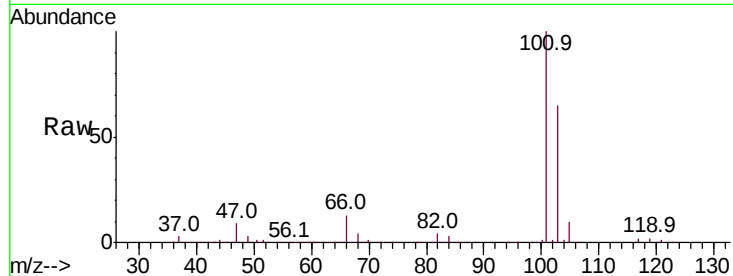
Trichlorofluoromethane
Concen: 49.492 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:101 Resp: 171017
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

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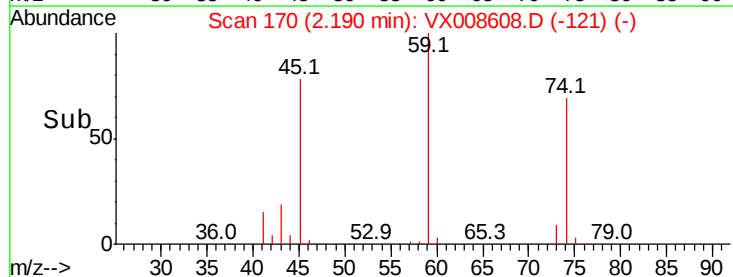
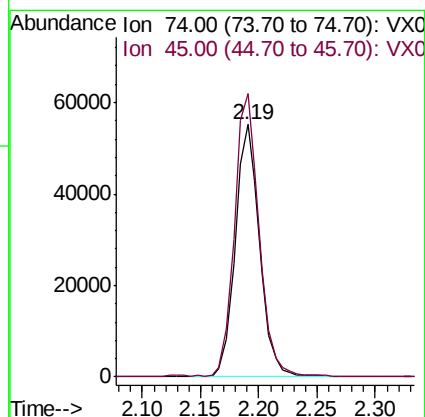
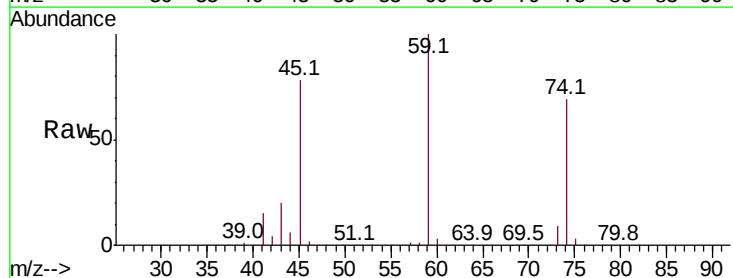
MMDadoda
4/4/2019 3:38:25 PM

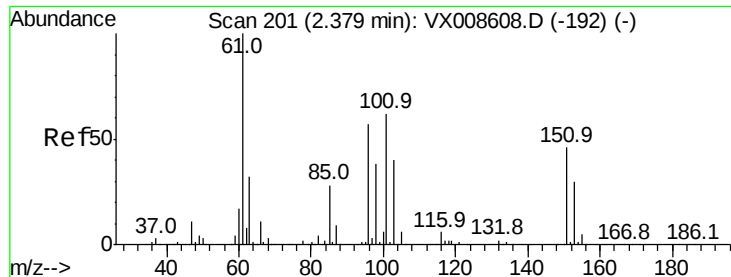


#8

Diethyl Ether
Concen: 49.019 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion: 74 Resp: 80325
Ion Ratio Lower Upper
74 100
45 113.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.539 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

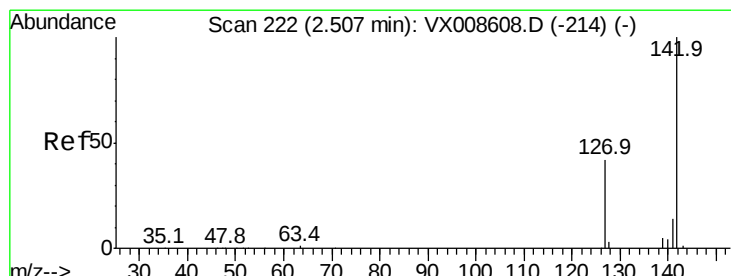
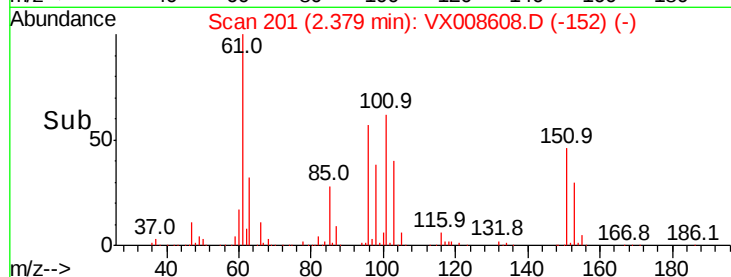
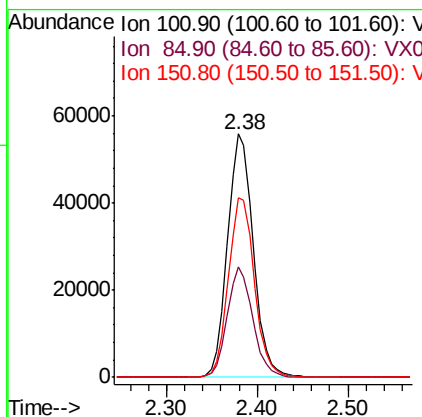
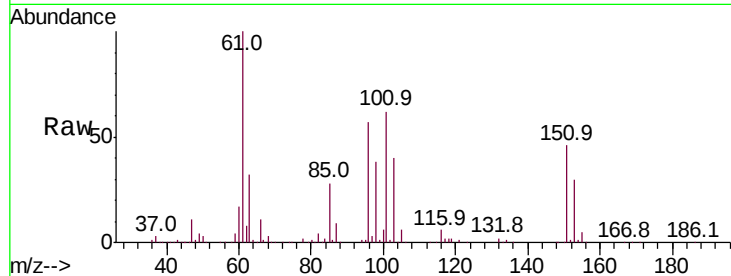
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	110211
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.0	54.0
151	74.9	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 56.703 ug/l

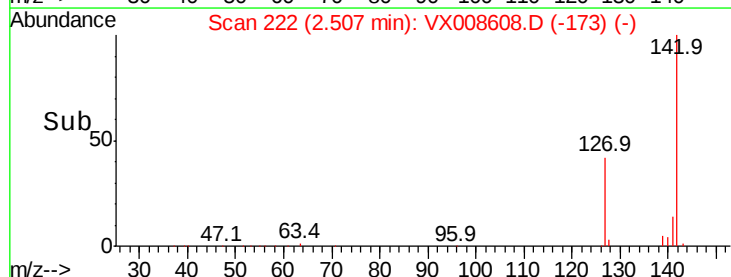
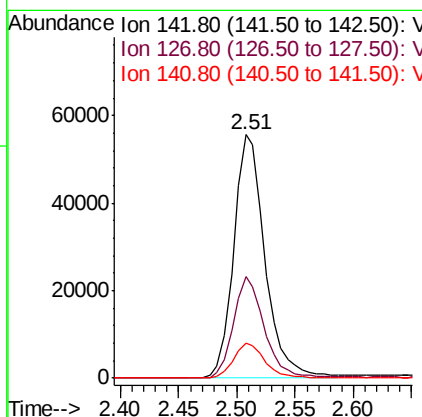
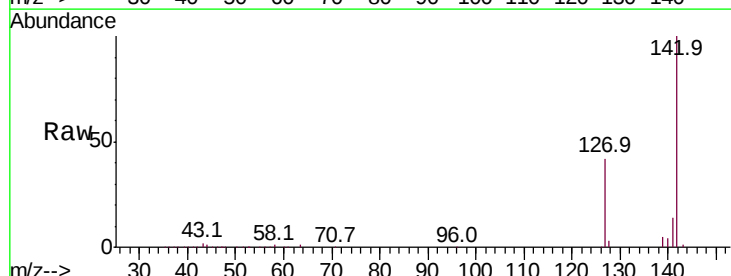
RT: 2.51 min Scan# 222

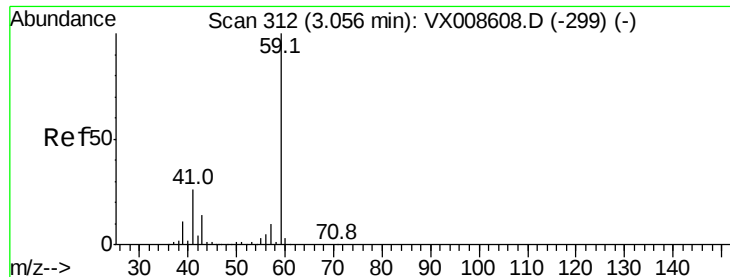
Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion:	142	Resp:	103983
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.0	49.6
141	14.3	11.4	17.2





#11

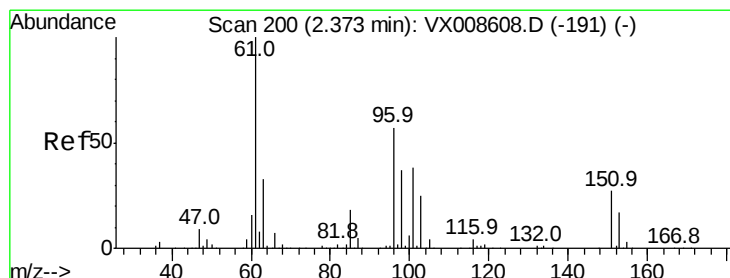
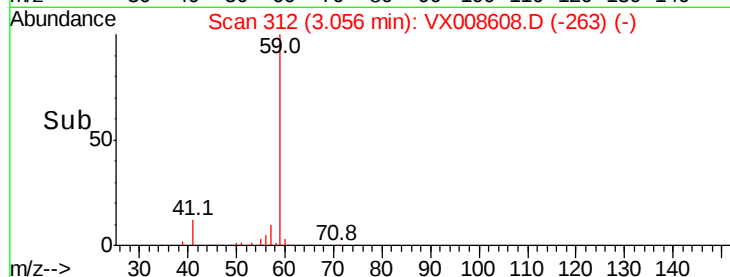
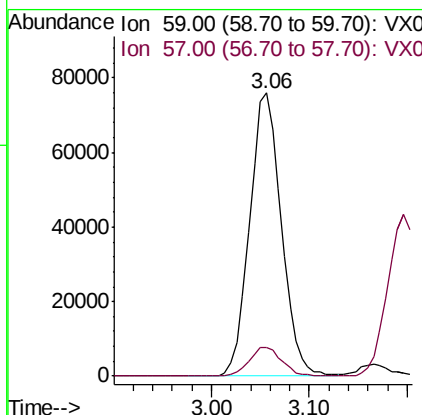
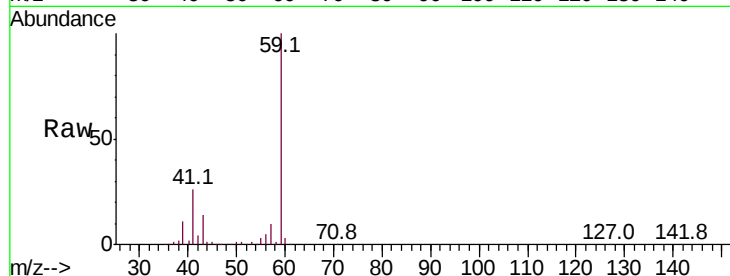
Tert butyl alcohol
Concen: 249.193 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	59	Resp	170938
Ion Ratio	100	Lower	Upper
57	10.4	8.3	12.5

Manual Integrations
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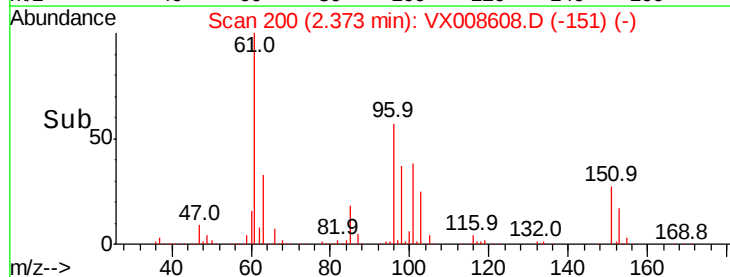
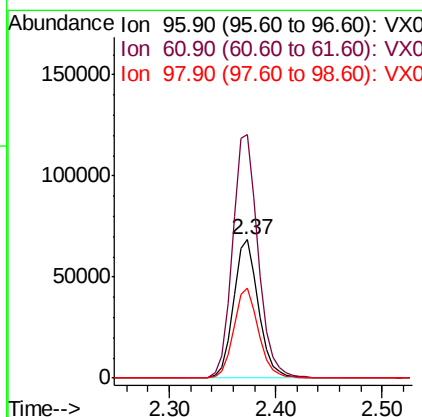
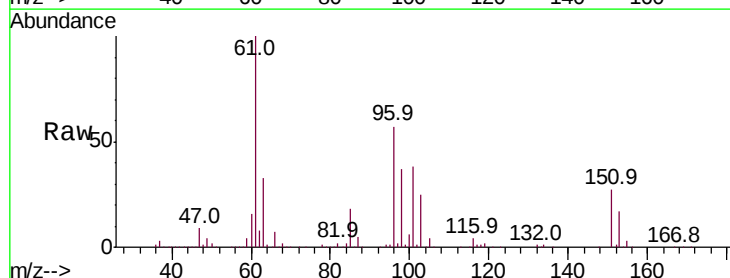
MMDadoda
4/4/2019 3:38:25 PM

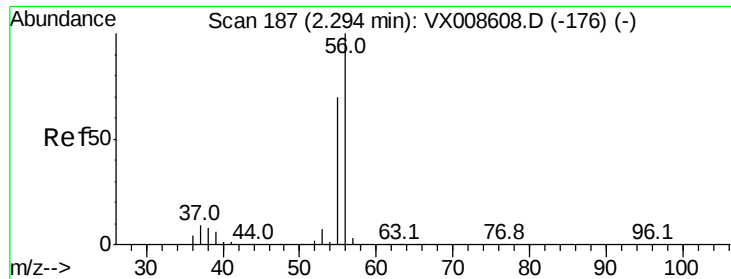


#12

1,1-Dichloroethene
Concen: 48.734 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	96	Resp	113181
Ion Ratio	100	Lower	Upper
61	176.1	140.9	211.3
98	65.1	52.1	78.1





#13

Acrolein

Concen: 241.337 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 82088

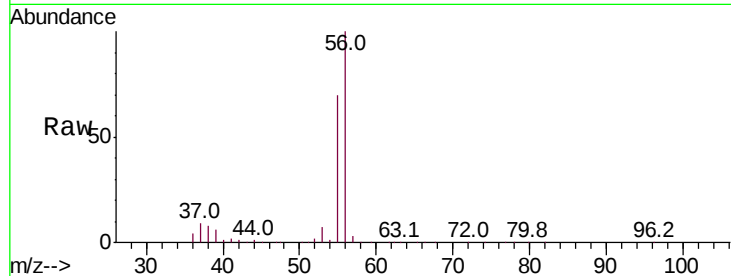
Ion Ratio Lower Upper

56 100

55 72.5 58.0 87.0

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

50000

40000

30000

20000

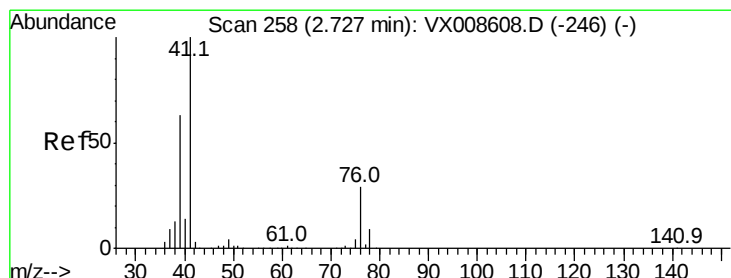
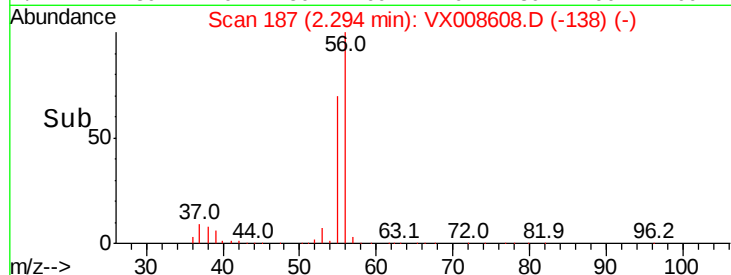
10000

0

Time-->

2.20 2.30 2.40

2.29



#14

Allyl chloride

Concen: 49.764 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

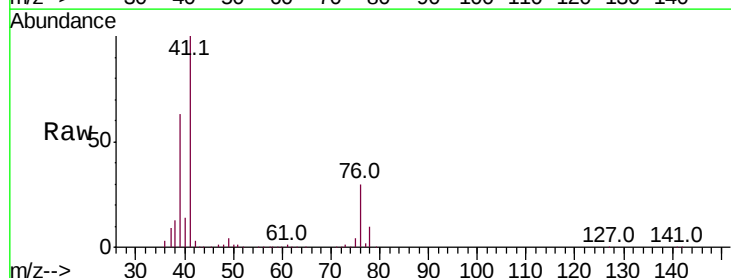
Tgt Ion: 41 Resp: 264575

Ion Ratio Lower Upper

41 100

39 60.0 48.0 72.0

76 27.5 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

100000

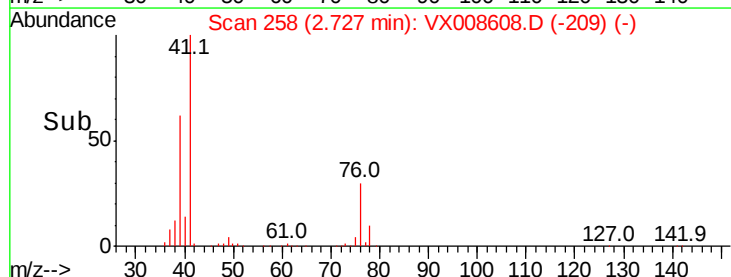
50000

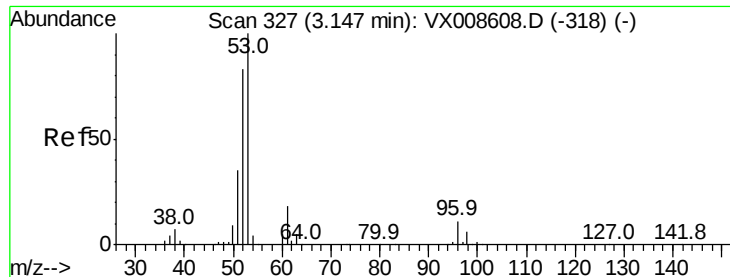
0

Time-->

2.60 2.70 2.80

2.73





#15

Acrylonitrile

Concen: 248.520 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

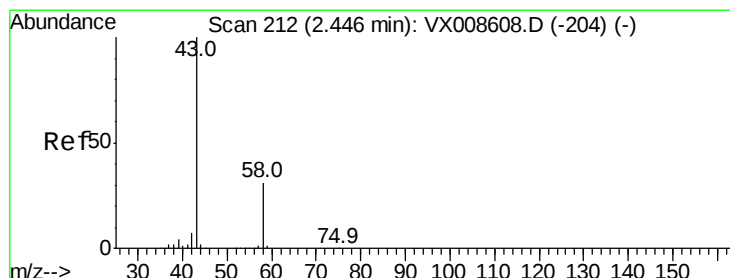
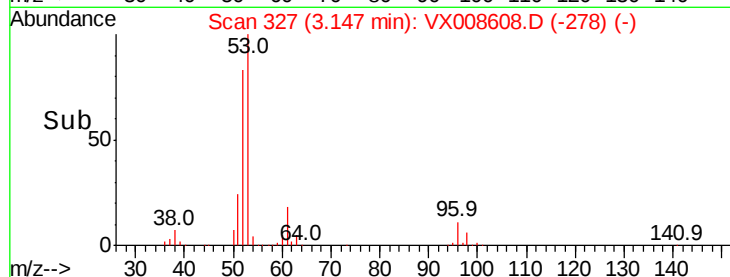
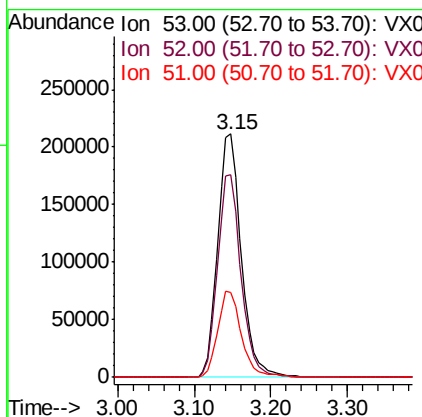
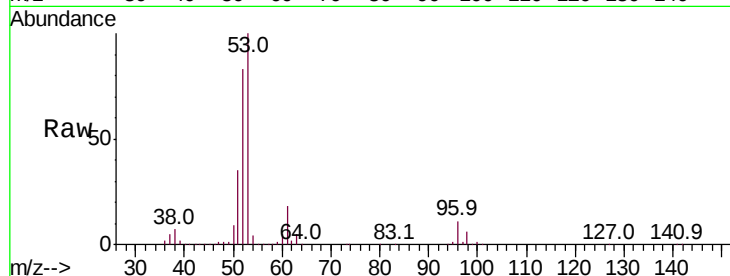
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	451621
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.5	99.7
51	35.7	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 261.207 ug/l

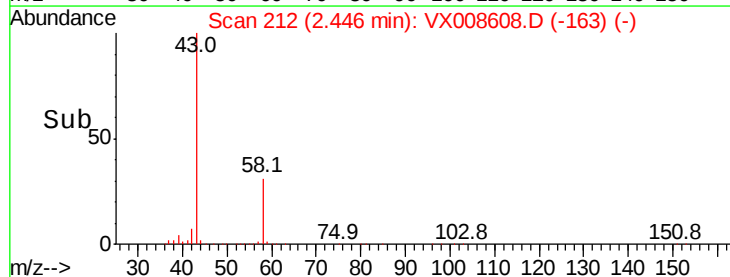
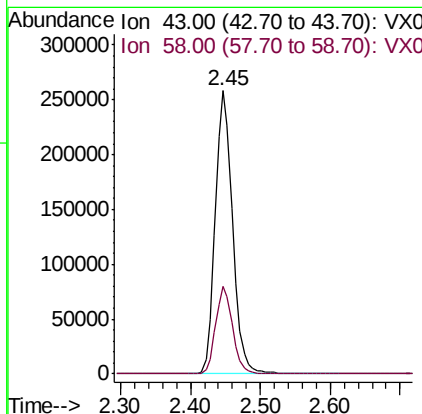
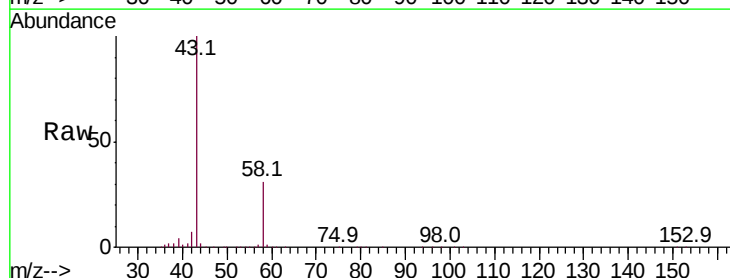
RT: 2.45 min Scan# 212

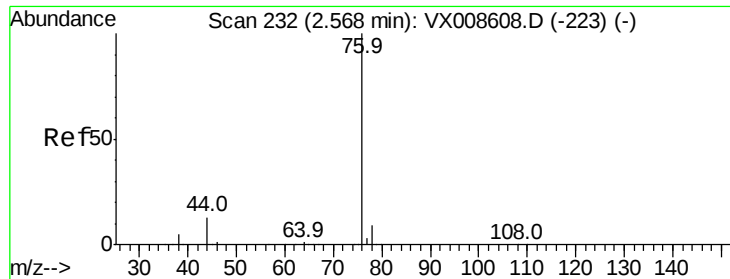
Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion:	43	Resp:	440822
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.8	37.2





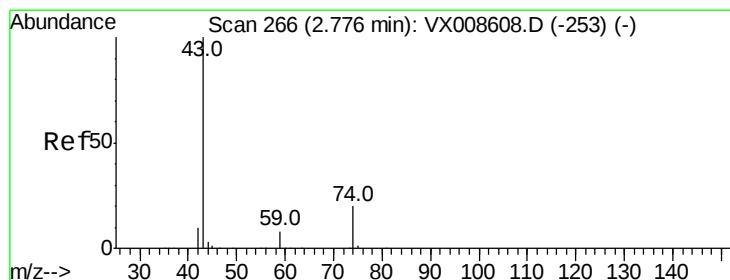
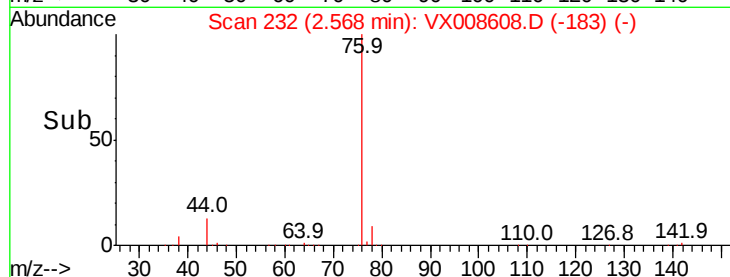
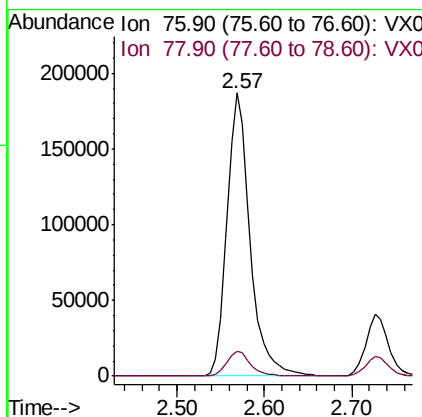
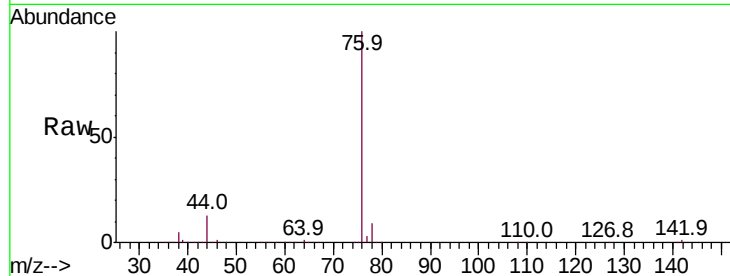
#17
Carbon Disulfide
Concen: 45.969 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

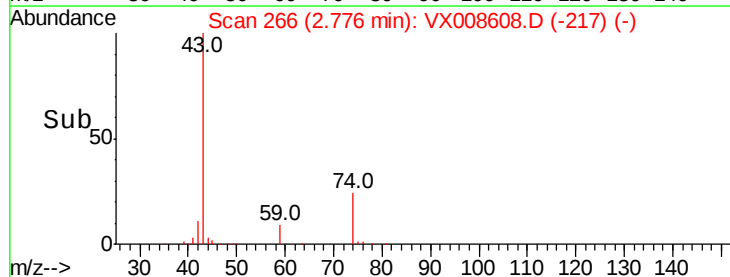
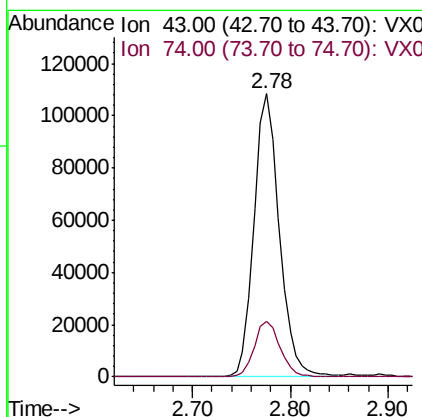
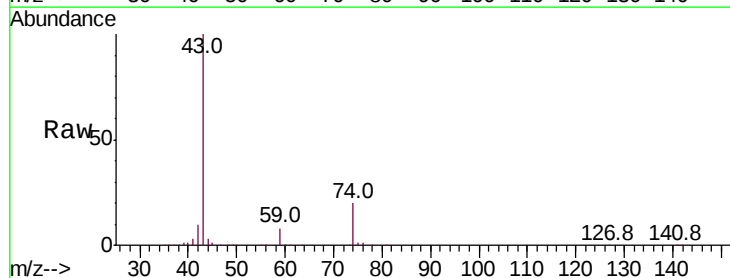
Manual Integrations
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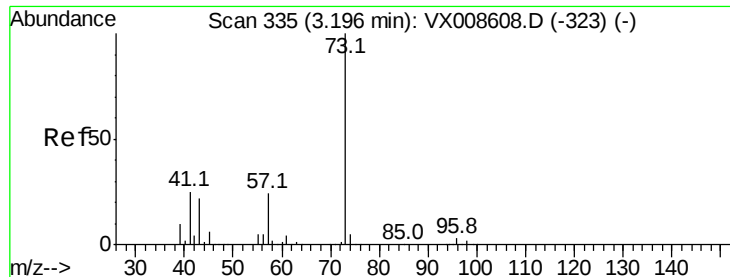
MMDadoda
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#18
Methyl Acetate
Concen: 47.655 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	16.5	24.7





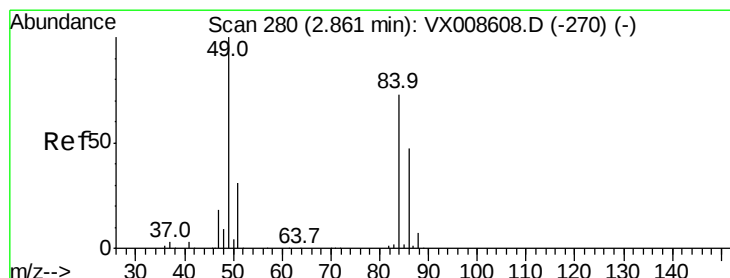
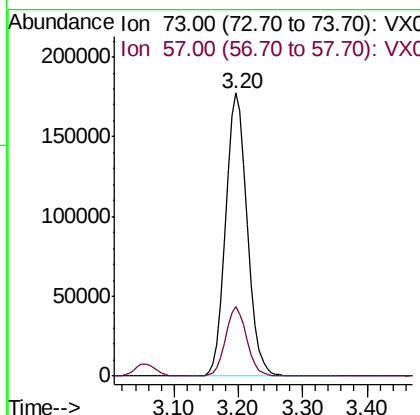
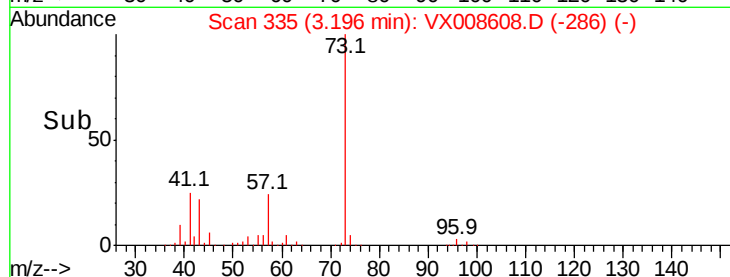
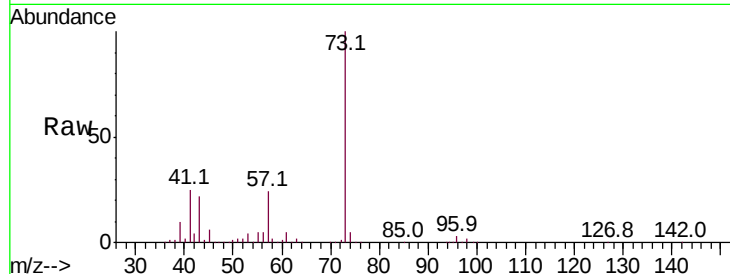
#19
Methvl tert-butvl Ether
Concen: 50.550 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 419261
Ion Ratio Lower Upper
73 100
57 24.4 19.5 29.3

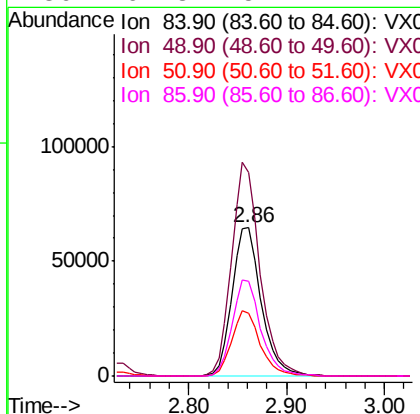
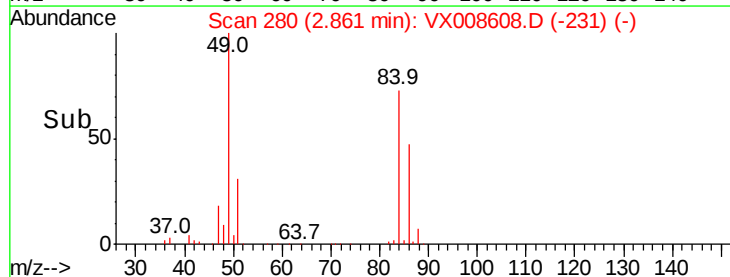
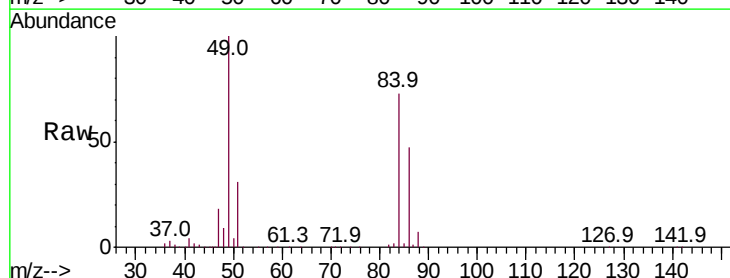
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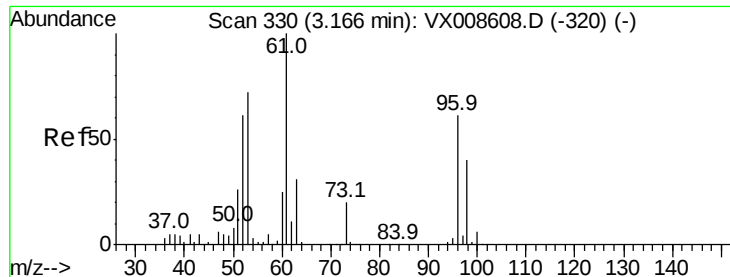
MMDadoda
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#20
Methylene Chloride
Concen: 47.332 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion: 84 Resp: 133707
Ion Ratio Lower Upper
84 100
49 137.1 109.7 164.5
51 42.0 33.6 50.4
86 64.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.686 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 119791

Ion Ratio Lower Upper

96 100

61 165.1 132.1 198.1

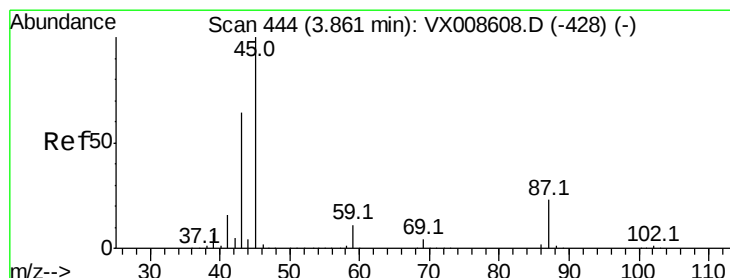
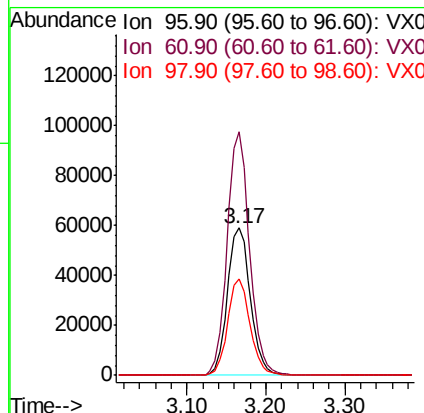
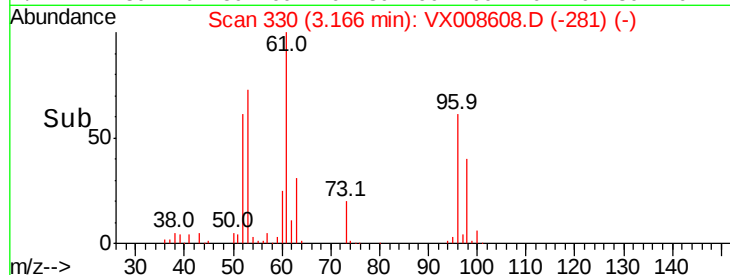
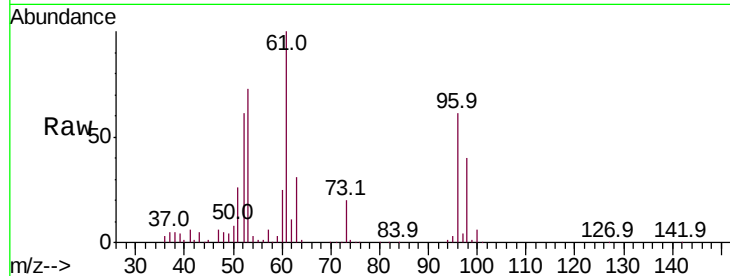
98 65.2 52.2 78.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 49.618 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion: 45 Resp: 508456

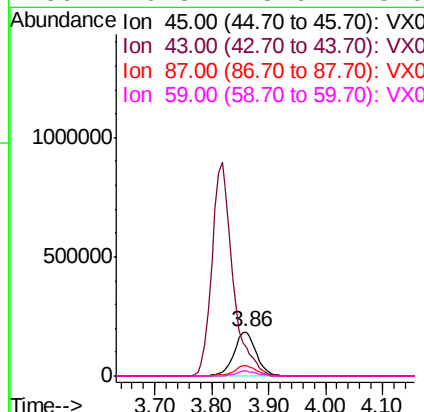
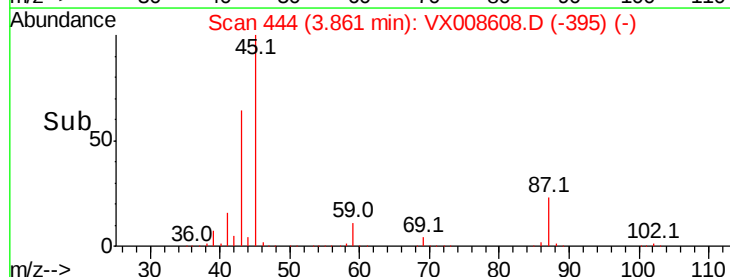
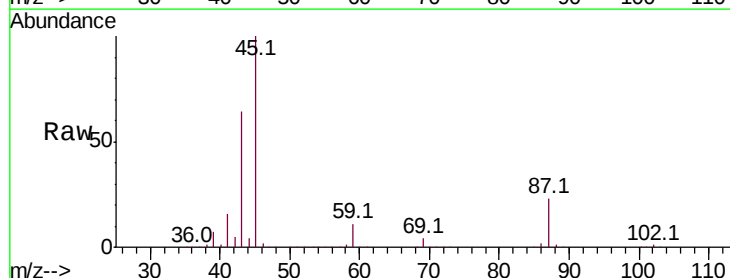
Ion Ratio Lower Upper

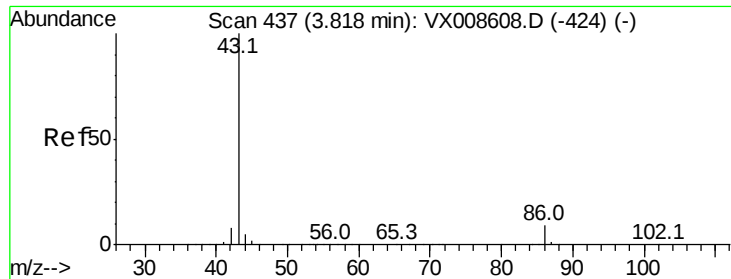
45 100

43 64.1 51.3 76.9

87 22.6 18.1 27.1

59 10.8 8.6 13.0





#23

Vinyl Acetate

Concen: 256.714 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2288482

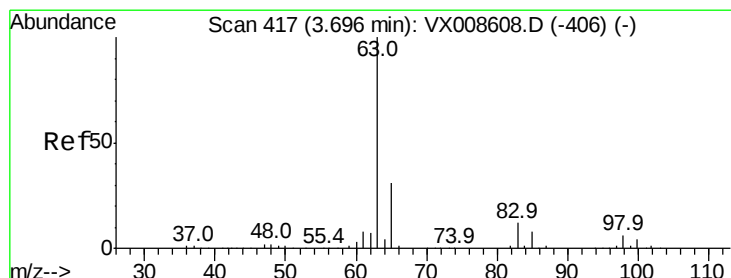
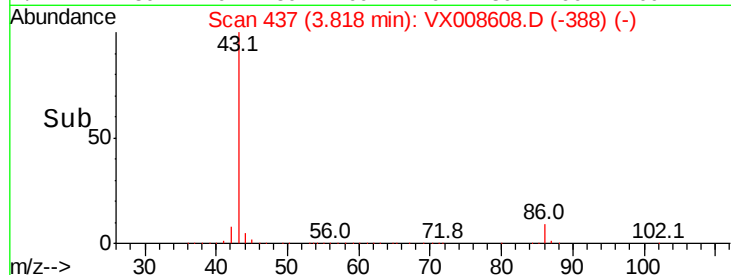
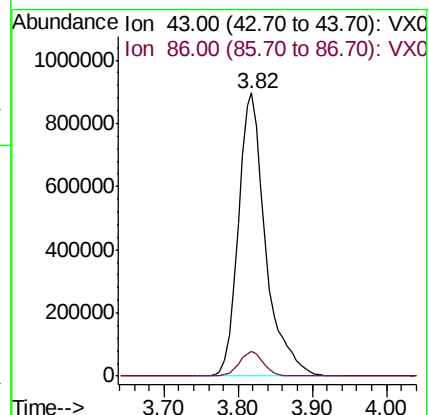
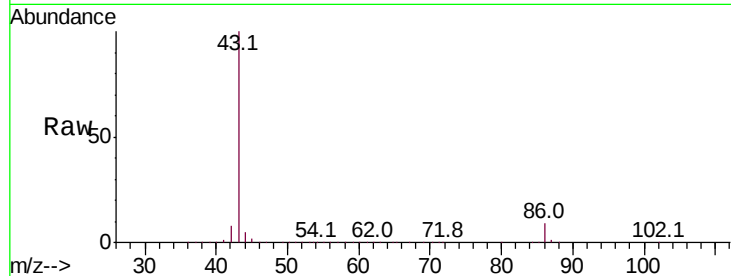
Ion Ratio Lower Upper

43 100

86 8.8 7.0 10.6

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 49.698 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

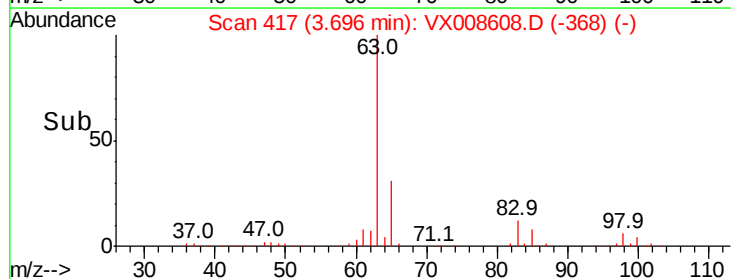
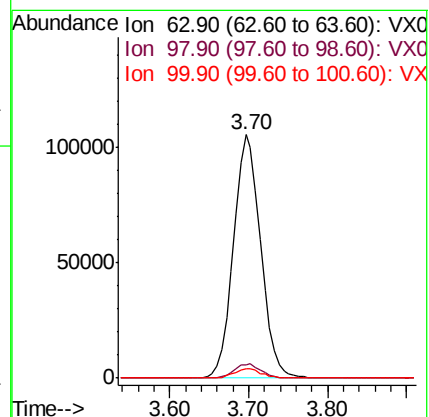
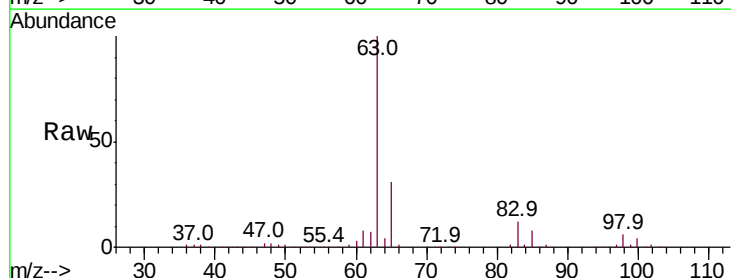
Tgt Ion: 63 Resp: 252149

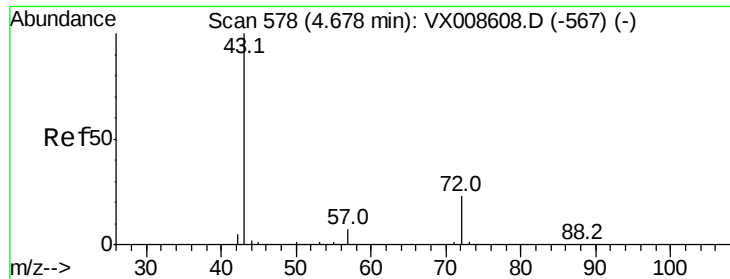
Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

100 3.7 1.8 5.5





#25

2-Butanone

Concen: 258.610 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 689803

Ion Ratio Lower Upper

43 100

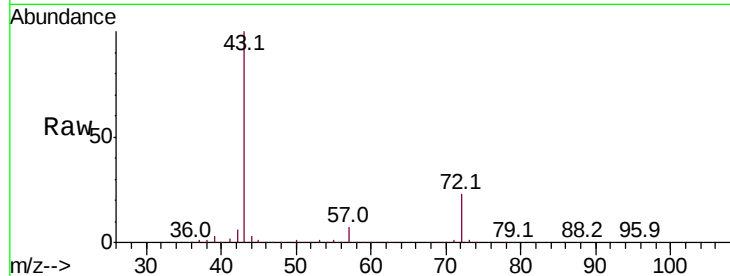
72 22.8 18.2 27.4

Manual Integrations

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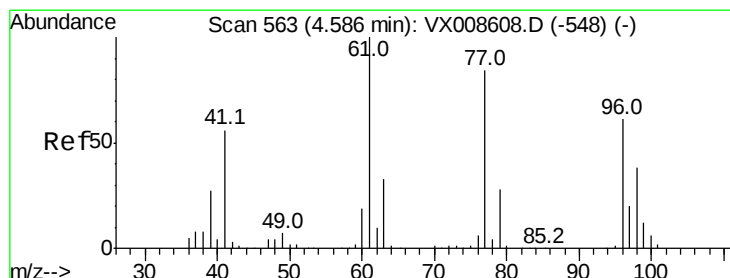
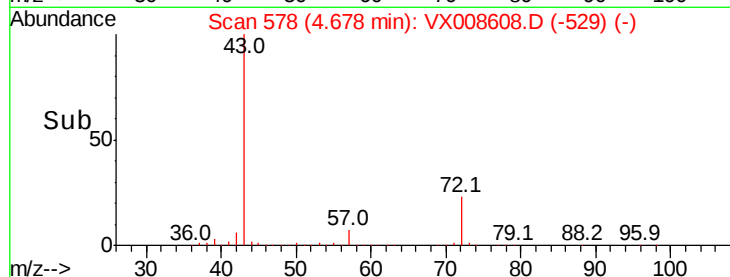
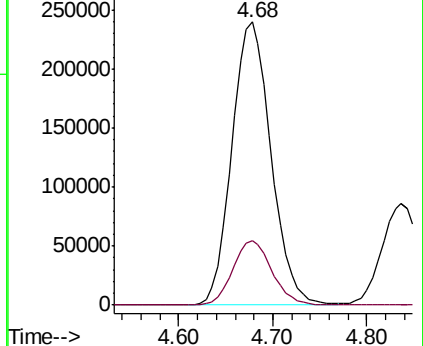
MMDadoda

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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: 50.631 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008608.D

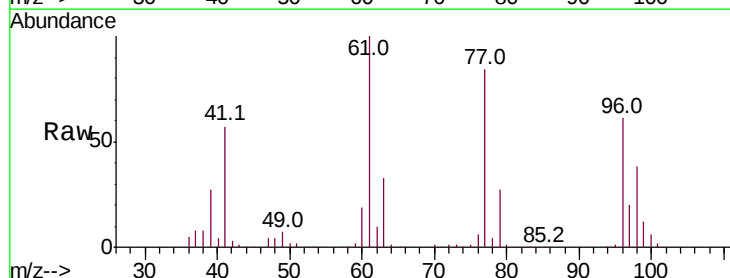
Acq: 03 Apr 2019 10:43

Tgt Ion: 77 Resp: 180926

Ion Ratio Lower Upper

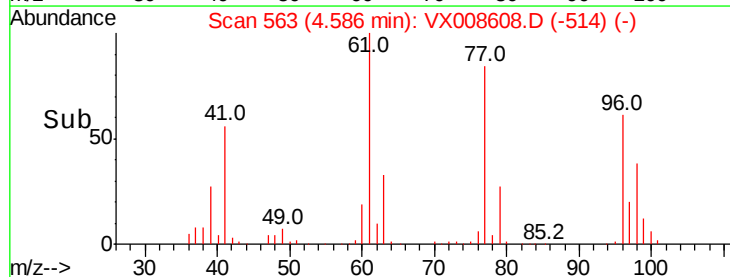
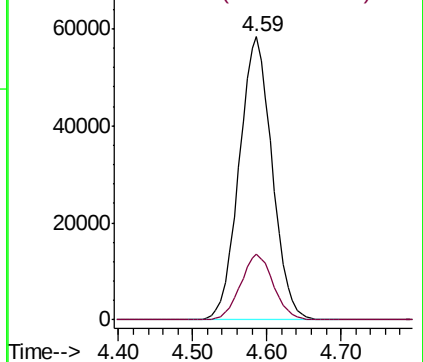
77 100

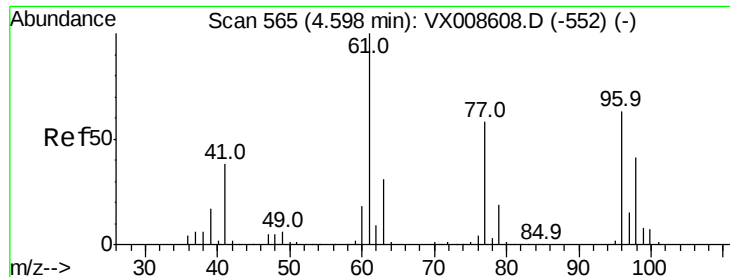
97 23.0 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

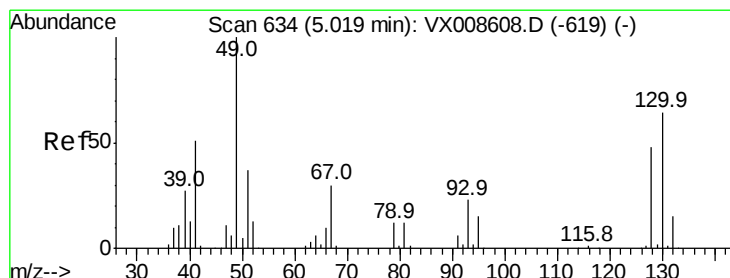
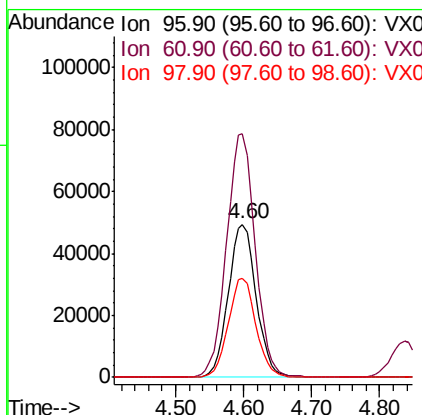
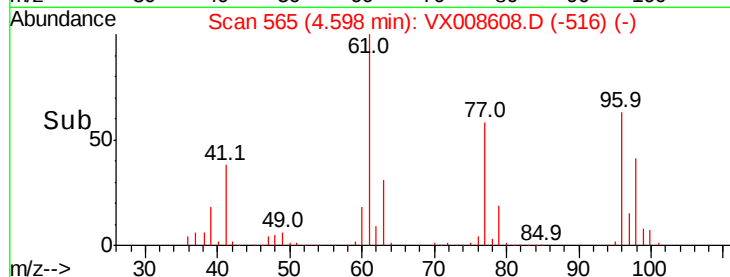
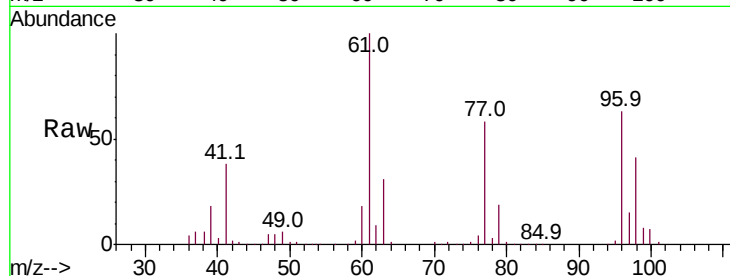
cis-1,2-Dichloroethene
Concen: 48.512 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	140113		
61	163.8	0.0	327.6	
98	64.3	0.0	128.6	

Manual Integrations
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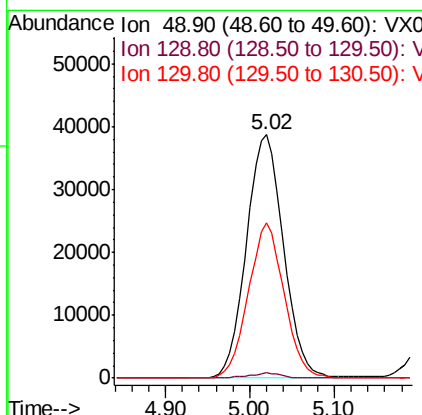
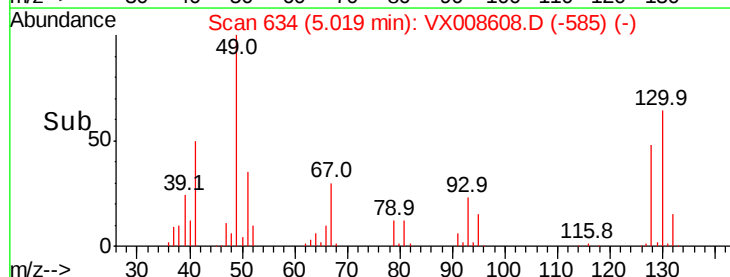
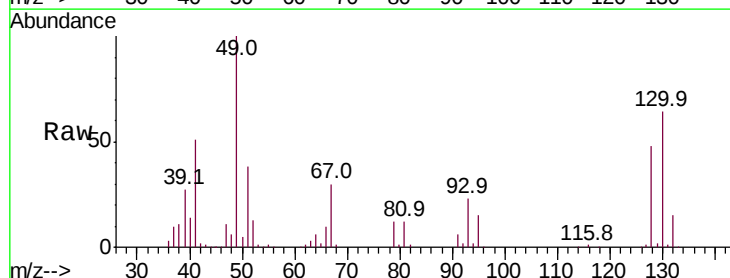
MMDadoda
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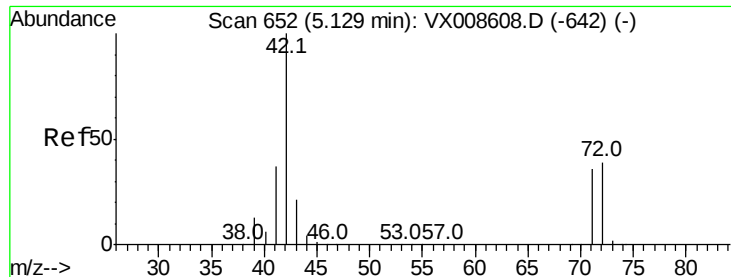


#28

Bromochloromethane
Concen: 48.123 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115880		
129	1.8	0.0	3.6	
130	61.6	49.3	73.9	





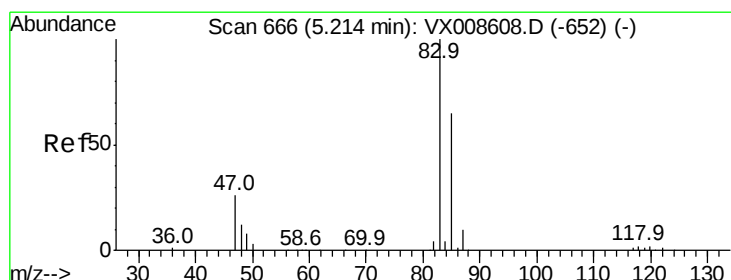
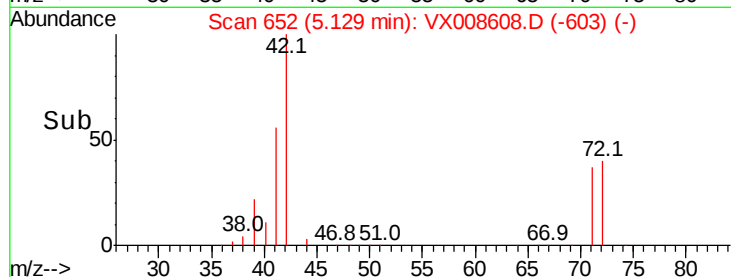
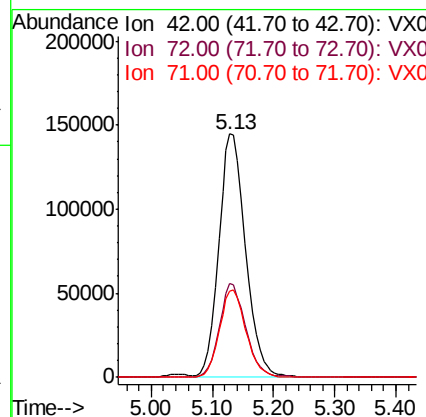
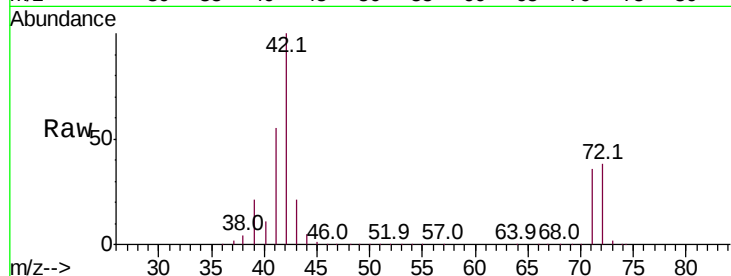
#29
Tetrahydrofuran
Concen: 249.034 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.1	30.5	45.7
71	35.8	28.6	43.0

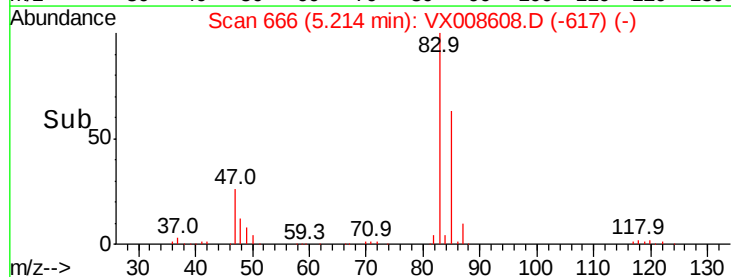
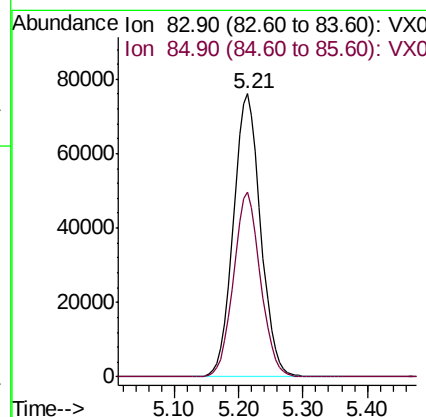
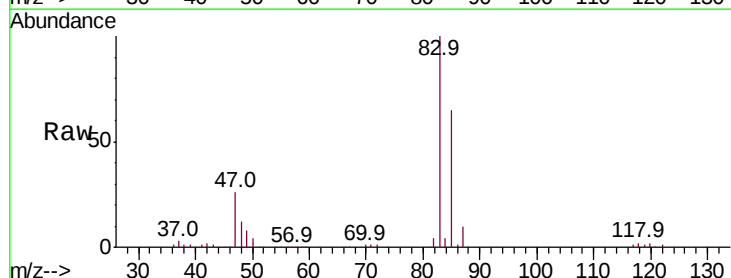
Manual Integrations
APPROVED

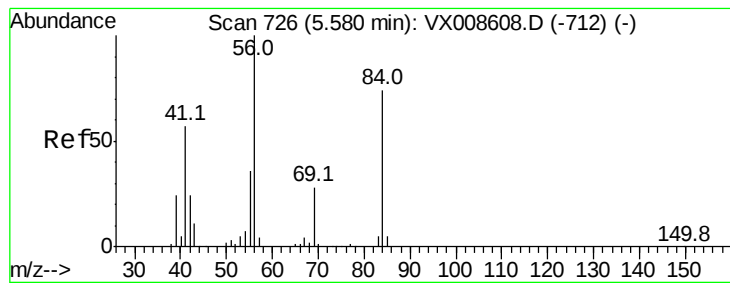
MMDadoda
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#30
Chloroform
Concen: 49.654 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1





#31

Cyclohexane

Concen: 48.286 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

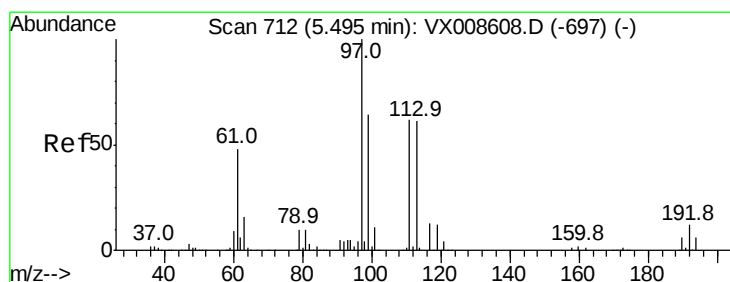
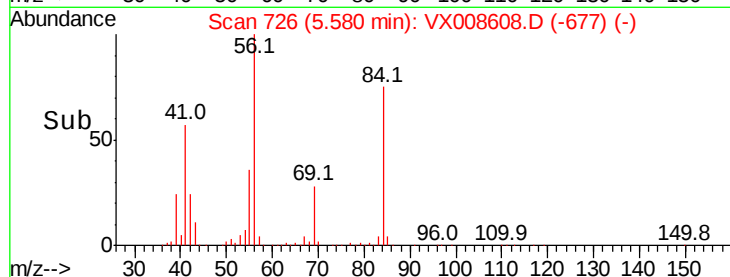
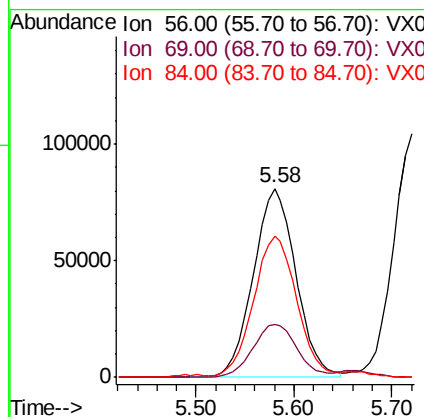
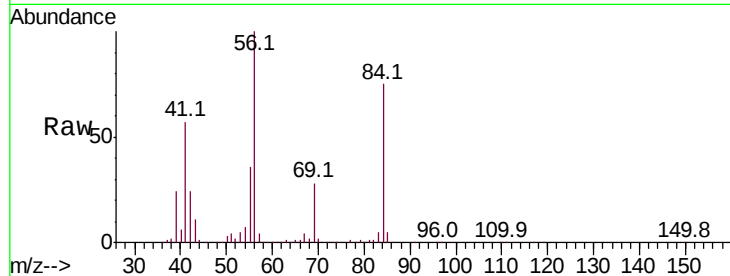
ClientSampled :

VSTDICCC050

Tot Ion:	56	Resp:	244451
Ion Ratio	Lower	Upper	
56	100		
69	28.2	22.6	33.8
84	74.1	59.3	88.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.778 ug/l

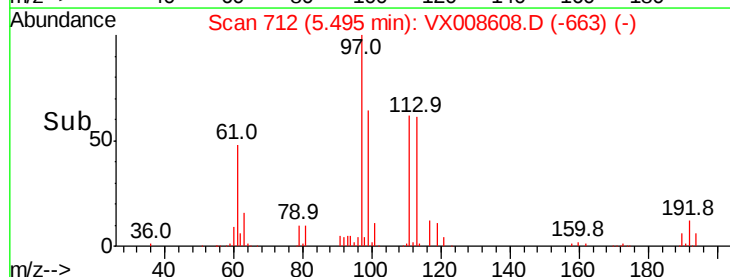
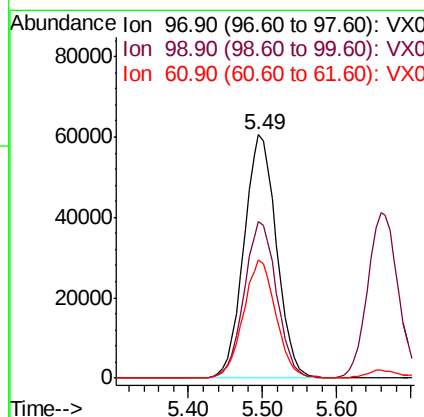
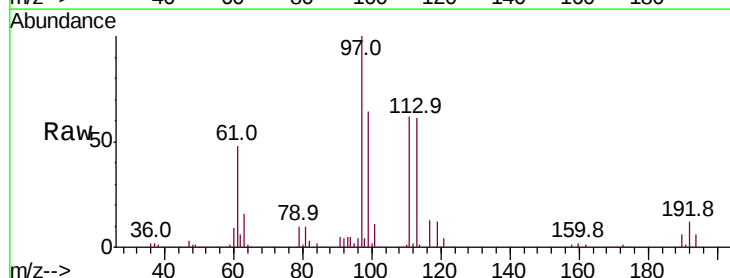
RT: 5.49 min Scan# 712

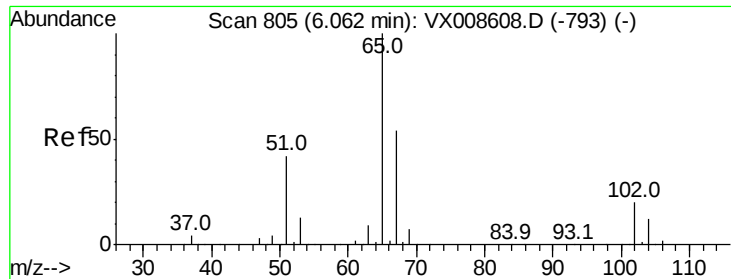
Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion:	97	Resp:	185945
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.3	76.9
61	48.6	38.9	58.3





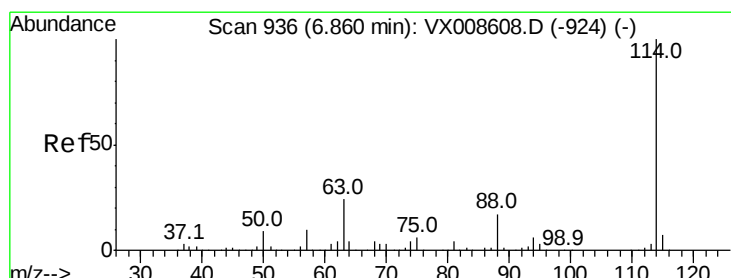
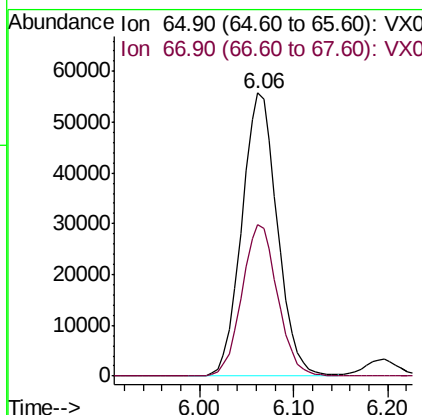
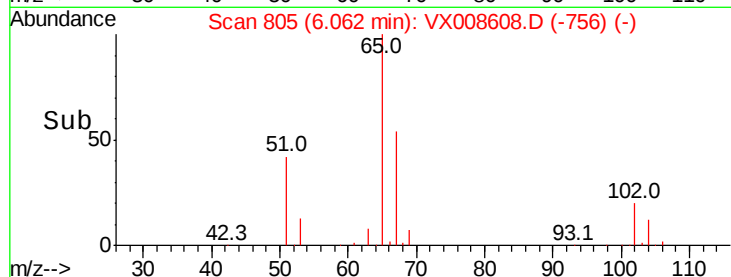
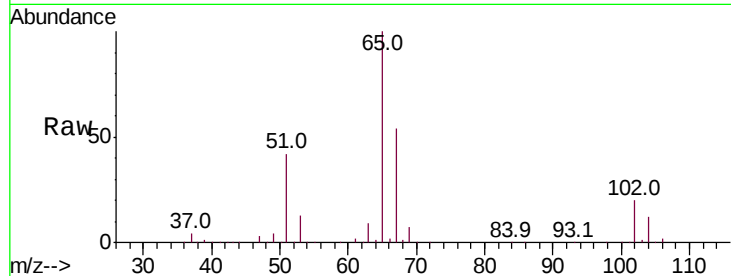
#33
 1,2-Dichloroethane-d4
 Concen: 50.284 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.2

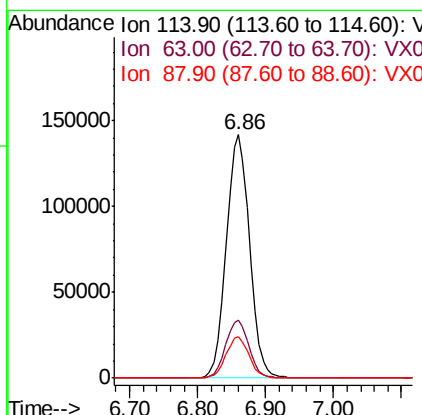
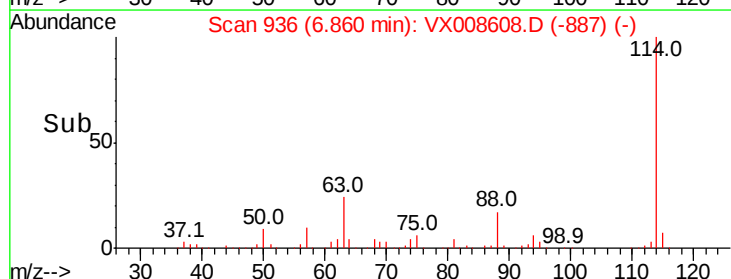
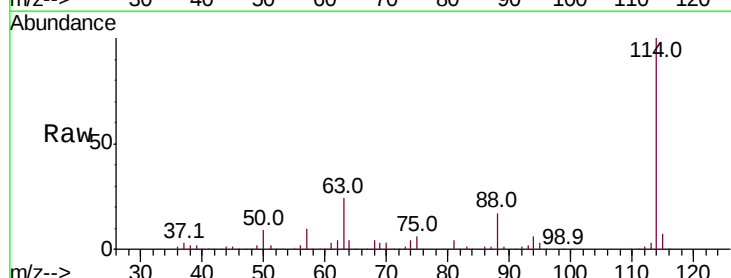
Manual Integrations
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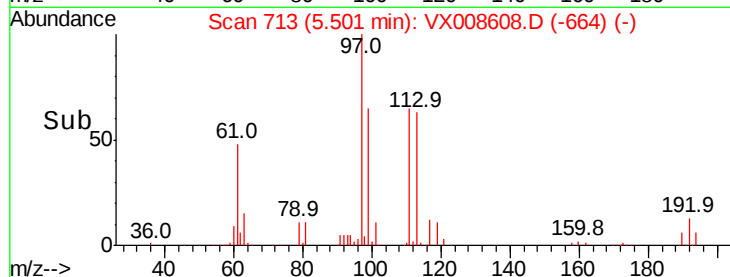
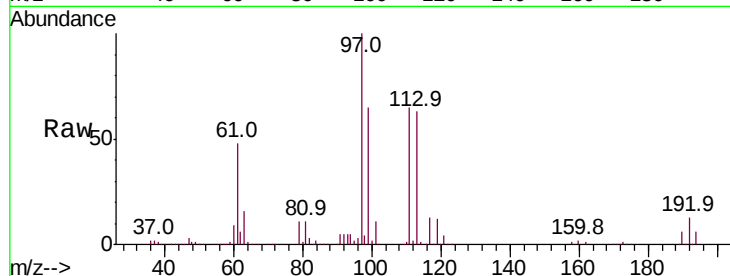
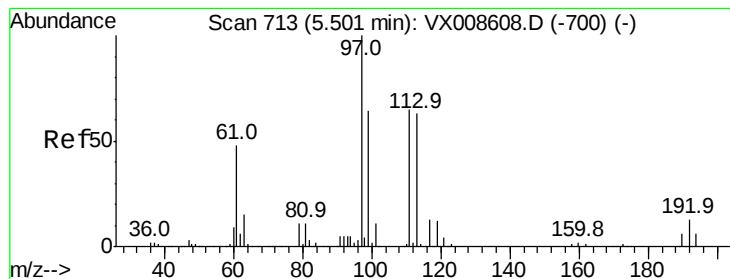
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	47.2
88	17.0	0.0	34.0





#35

Dibromofluoromethane

Concen: 50.287 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008608.D

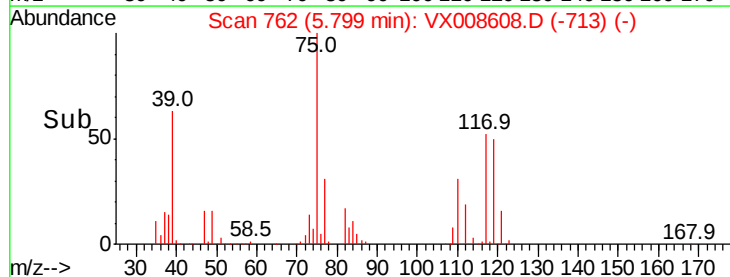
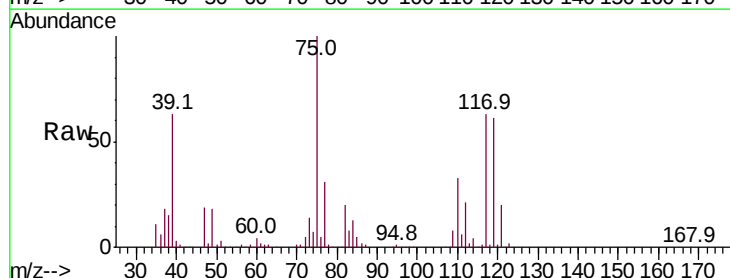
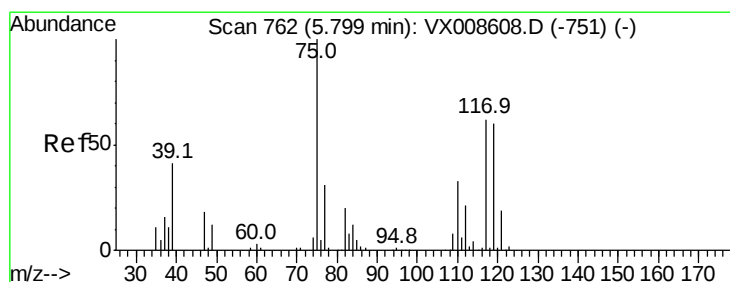
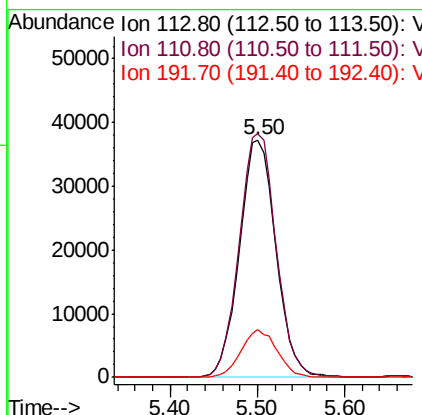
Acq: 03 Apr 2019 10:43

Tot Ion:	113	Resp:	107894
Ion Ratio	Lower	Upper	
113	100		
111	104.3	83.4	125.2
192	20.1	16.1	24.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.878 ug/l

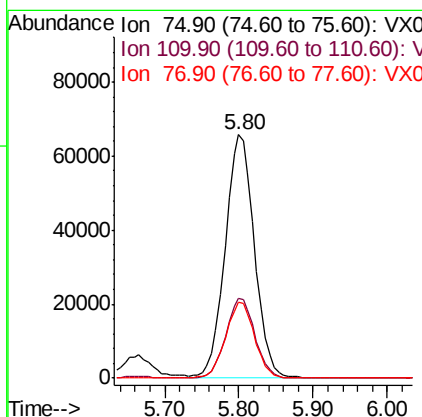
RT: 5.80 min Scan# 762

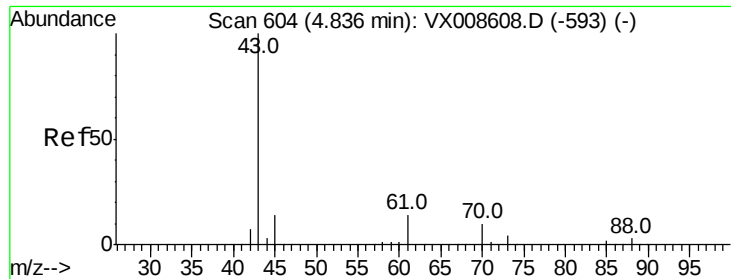
Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion:	75	Resp:	179297
Ion Ratio	Lower	Upper	
75	100		
110	32.8	16.4	49.2
77	30.9	24.7	37.1





#37

Ethyl Acetate

Concen: 51.846 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

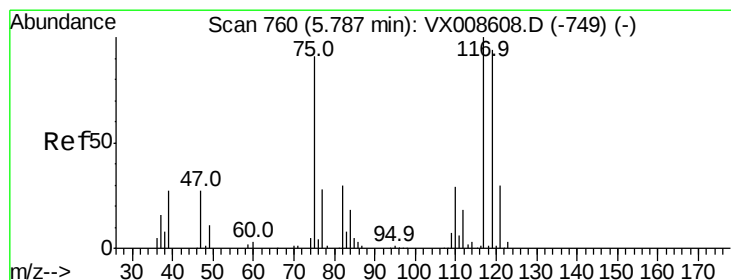
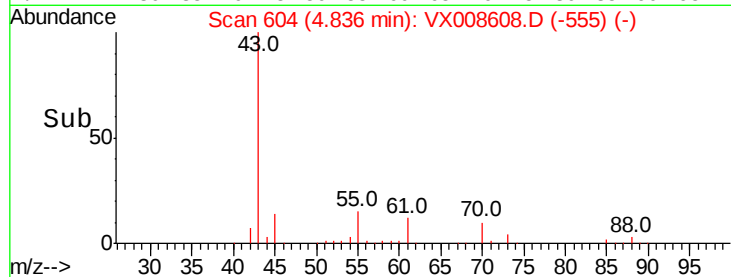
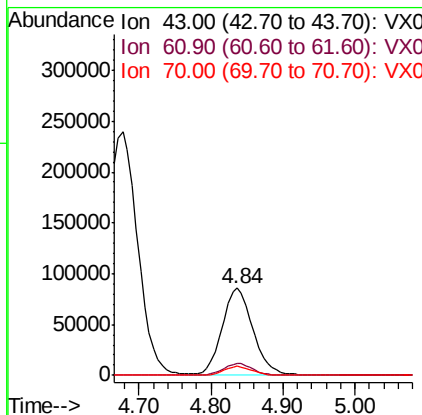
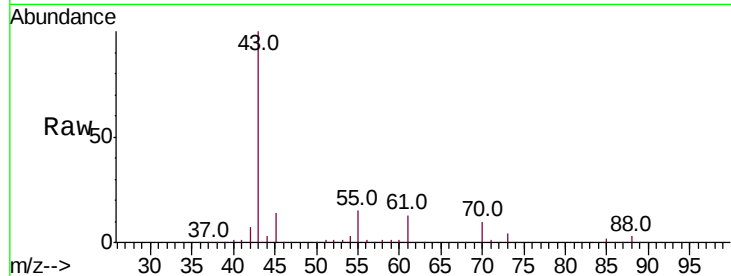
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	253855
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.3	15.5
70	9.5	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.310 ug/l

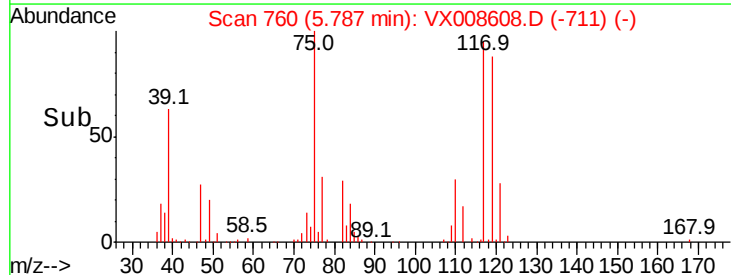
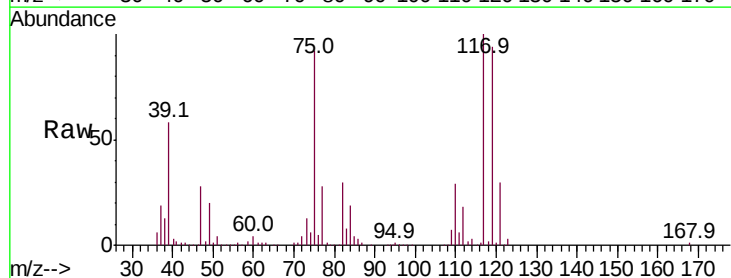
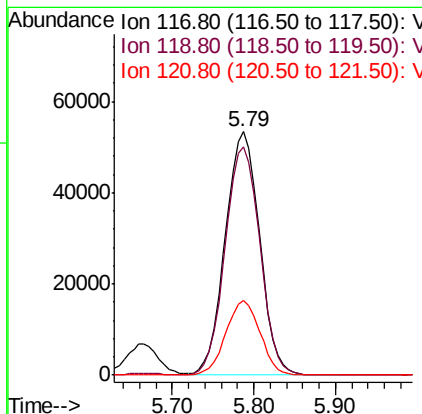
RT: 5.79 min Scan# 760

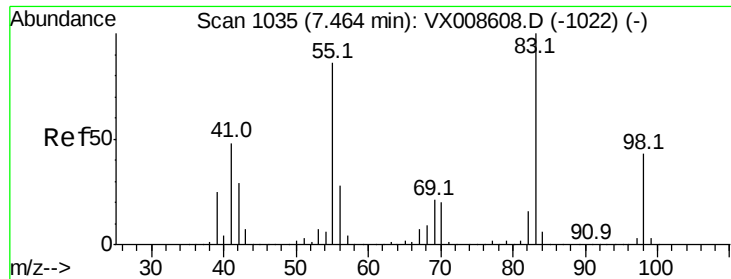
Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion:	117	Resp:	155779
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.0	112.6
121	30.4	24.3	36.5





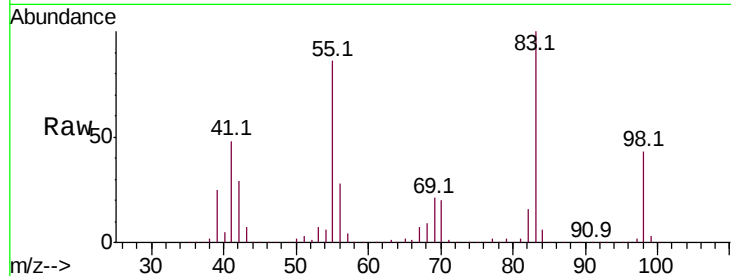
#39
Methvlcvclohexane
Concen: 49.295 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

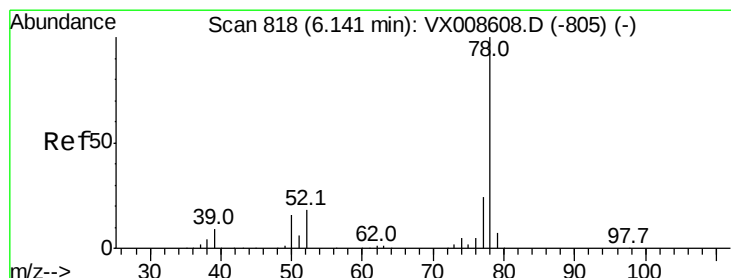
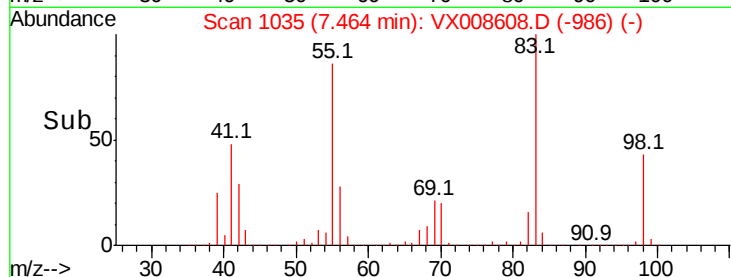
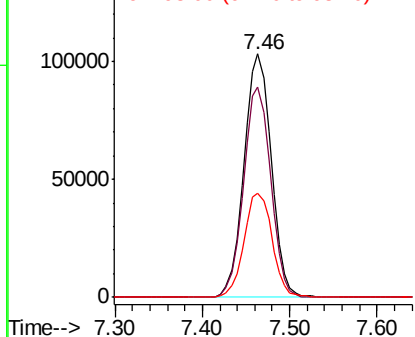
Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	86.3	69.0	103.6	
98	43.0	34.4	51.6	

Manual Integrations
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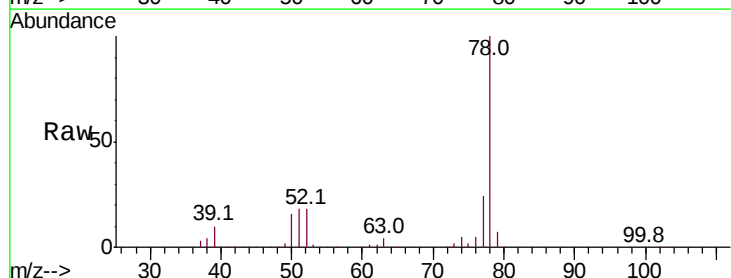


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

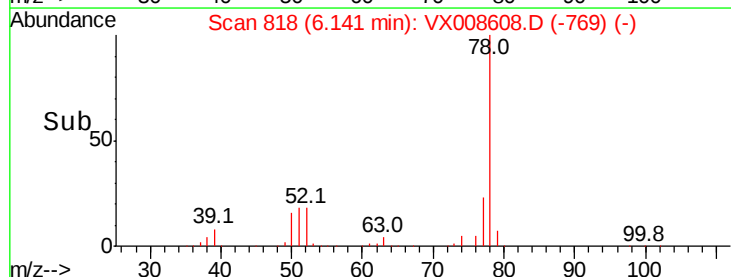
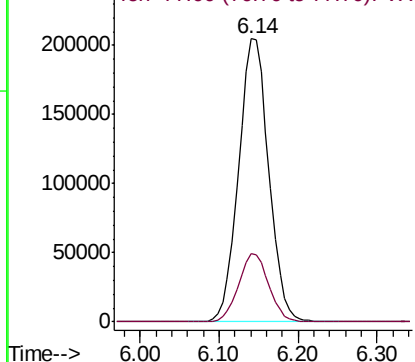


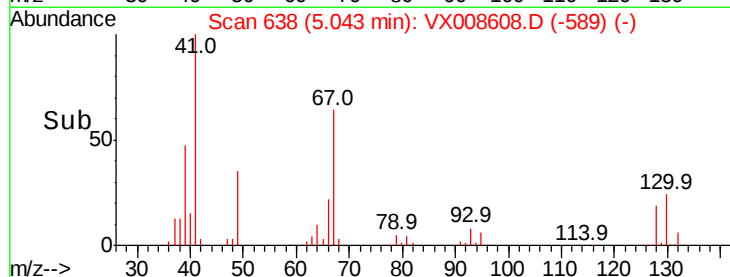
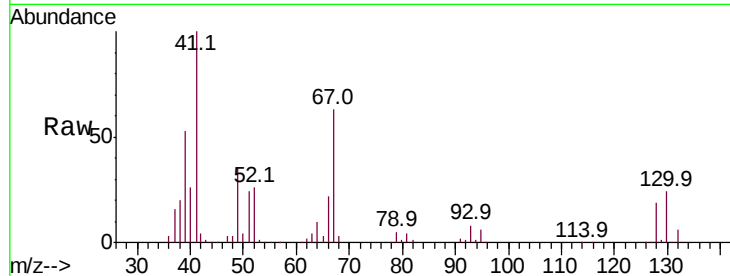
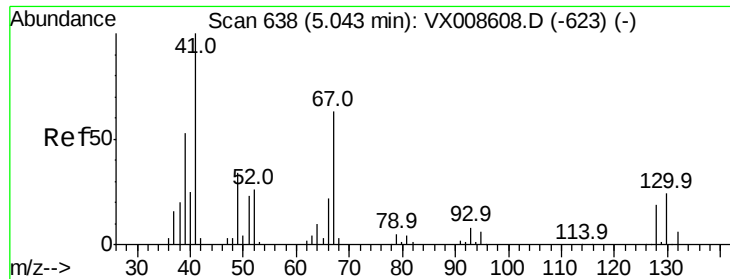
#40
Benzene
Concen: 49.737 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	19.1	28.7	



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





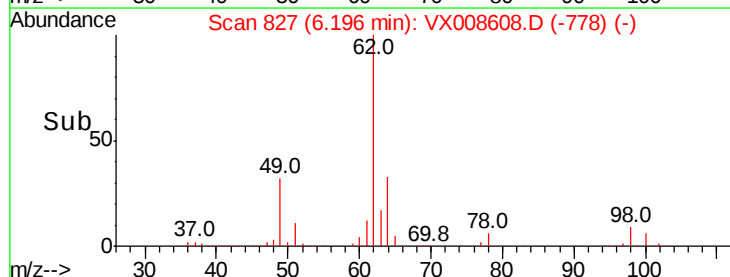
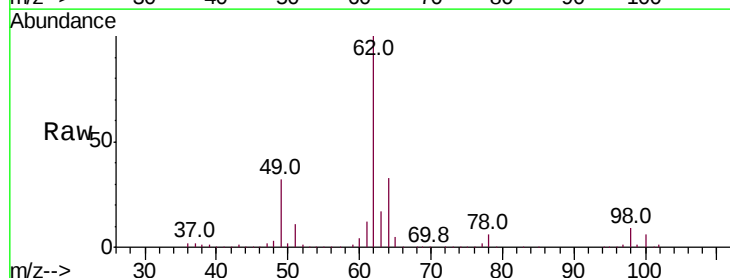
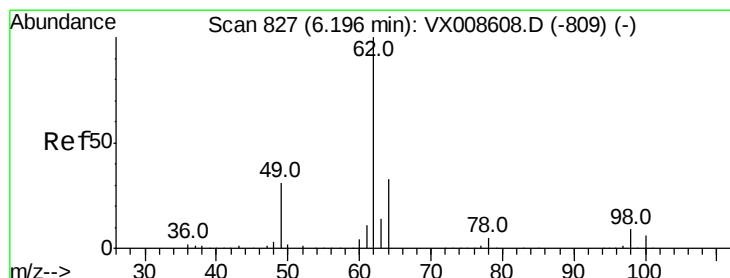
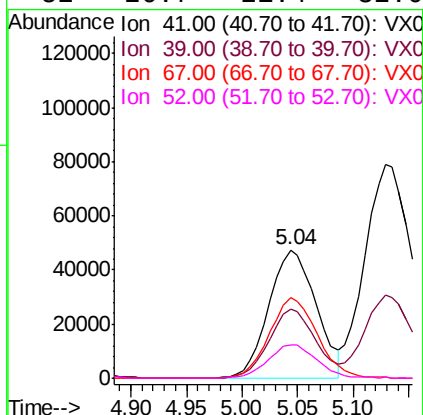
#41
Methacrylonitrile
Concen: 49.857 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	42.1	63.1	
67	63.8	51.0	76.6	
52	26.7	21.4	32.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

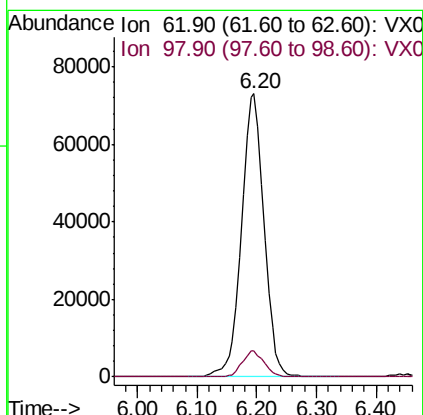
Manual Integrations
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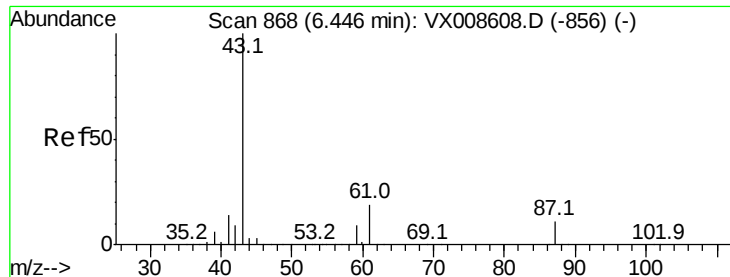
MMDadoda
4/4/2019 3:38:25 PM



#42
1,2-Dichloroethane
Concen: 48.896 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.0	





#43

Isopropyl Acetate

Concen: 51.456 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

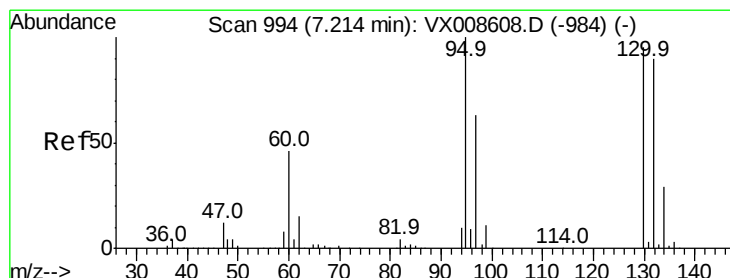
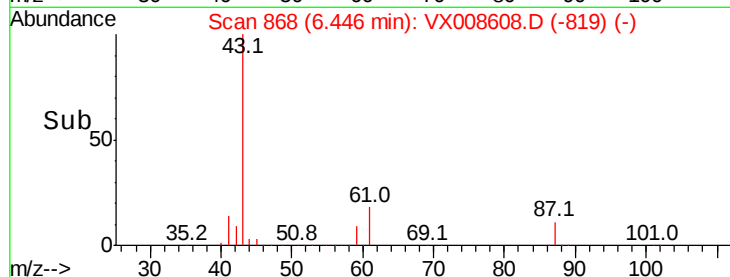
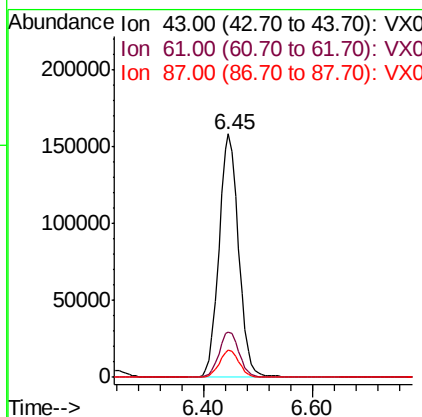
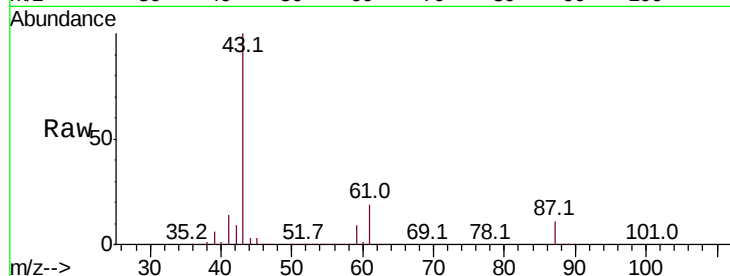
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	394677
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.3	22.9
87	11.3	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 49.620 ug/l

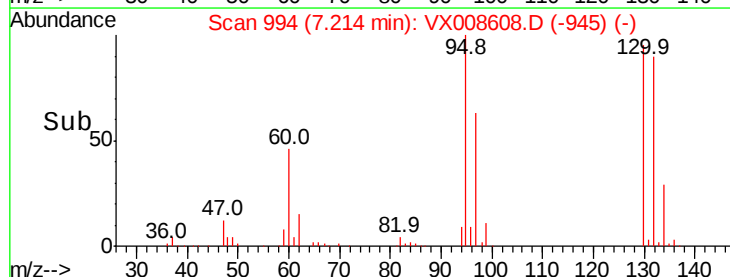
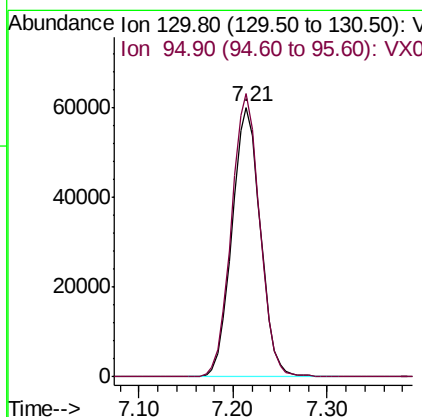
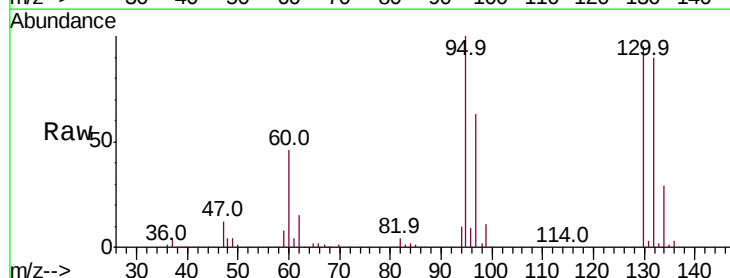
RT: 7.21 min Scan# 994

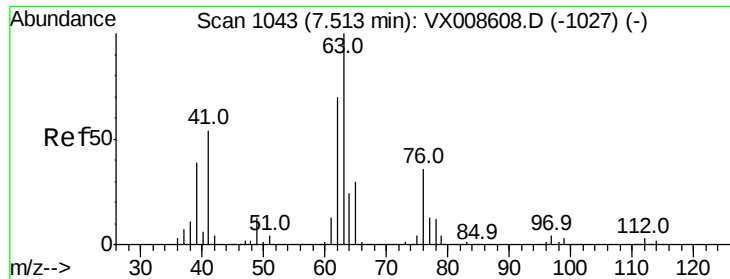
Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion:	130	Resp:	126295
Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	209.8





#45

1,2-Dichloropropane

Concen: 50.085 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 156223

Ion Ratio Lower Upper

63 100

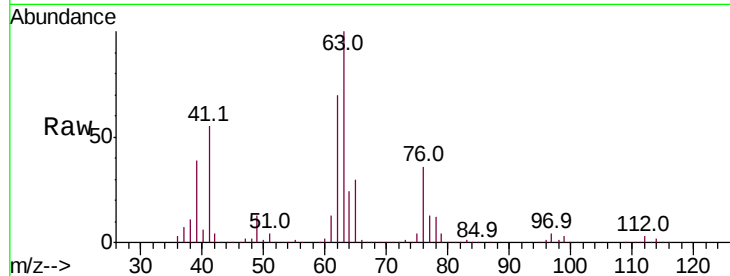
65 30.3 24.2 36.4

Manual Integrations

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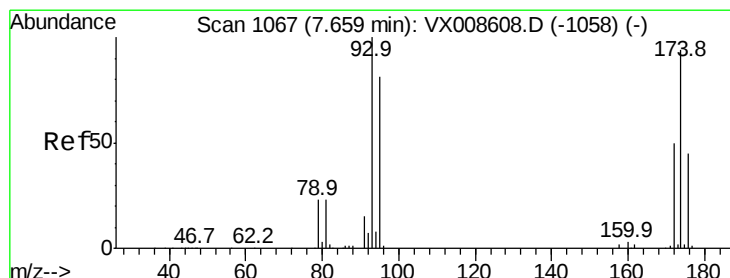
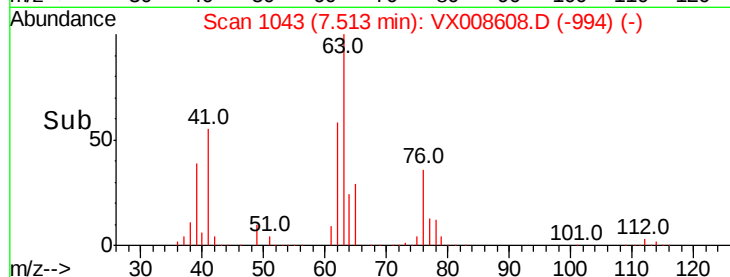
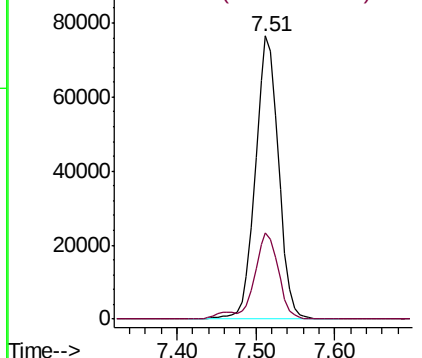
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.469 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

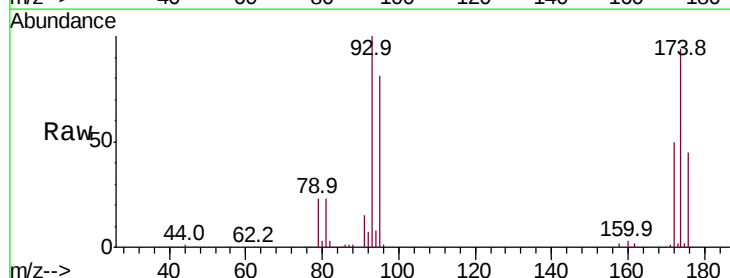
Tgt Ion: 93 Resp: 87683

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

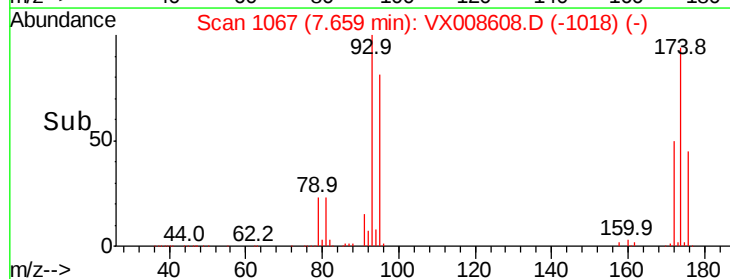
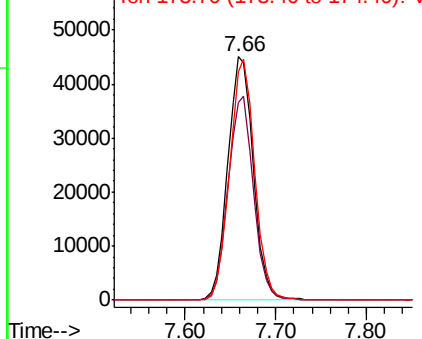
174 97.1 77.7 116.5

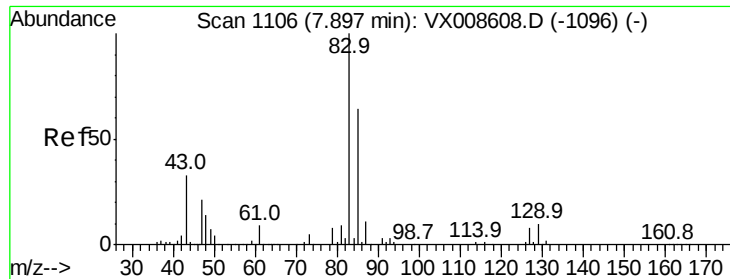


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.339 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

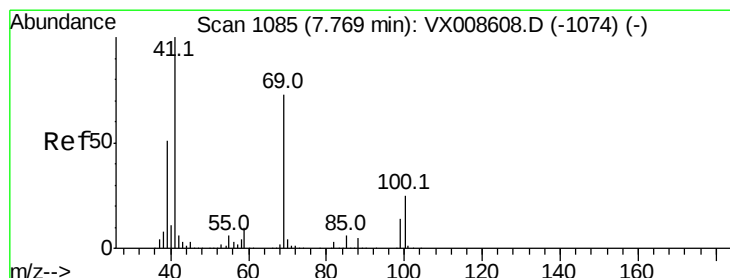
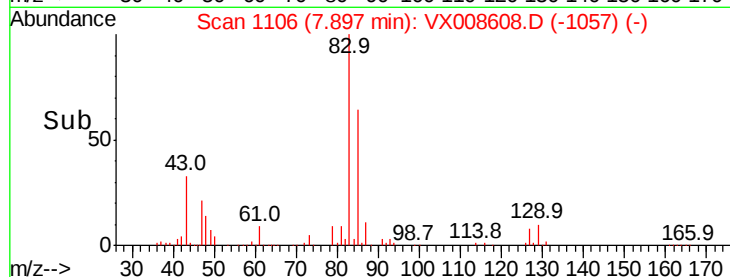
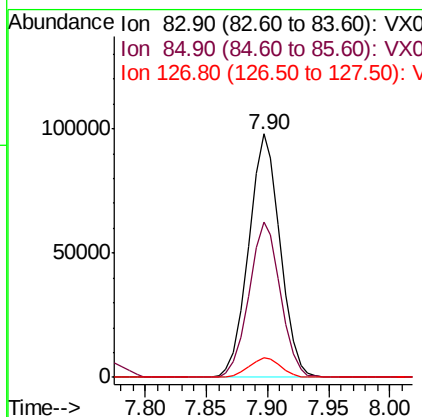
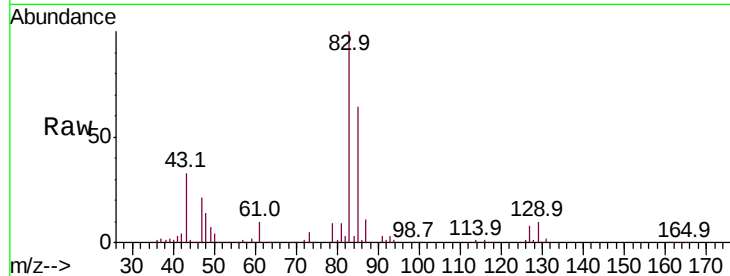
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	175114
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.2	76.8
127	8.3	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.554 ug/l

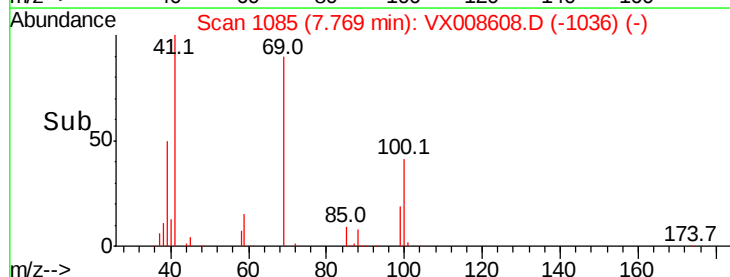
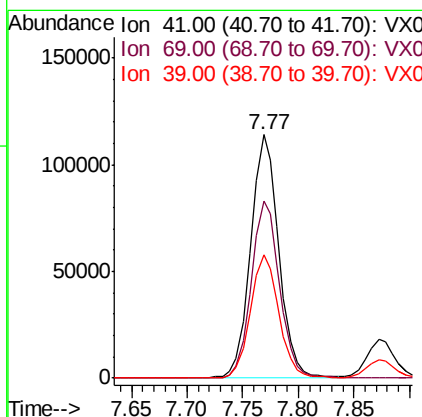
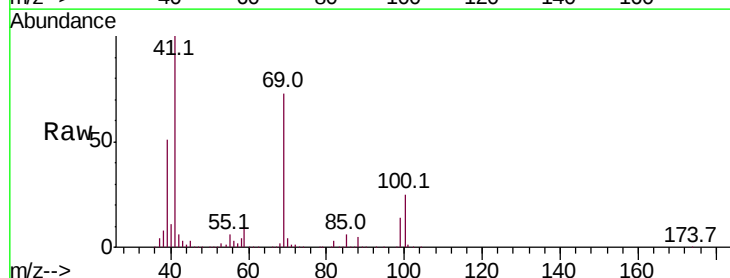
RT: 7.77 min Scan# 1085

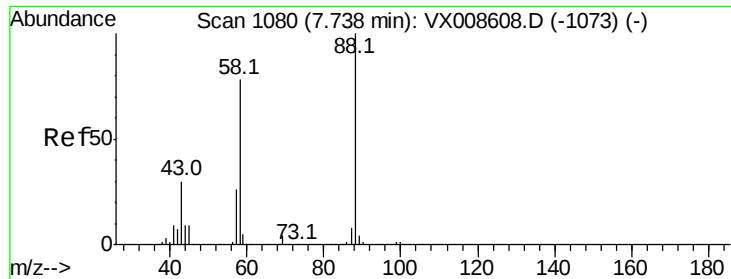
Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion:	41	Resp:	200026
Ion Ratio	Lower	Upper	
41	100		
69	73.7	59.0	88.4
39	51.2	41.0	61.4





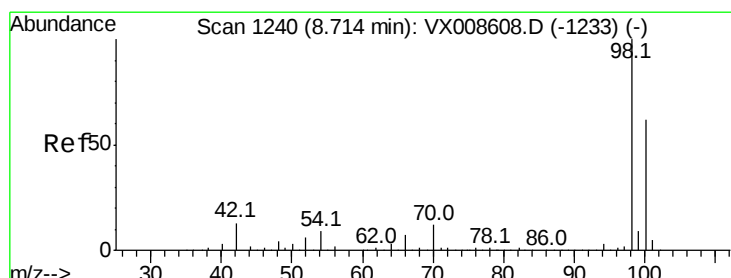
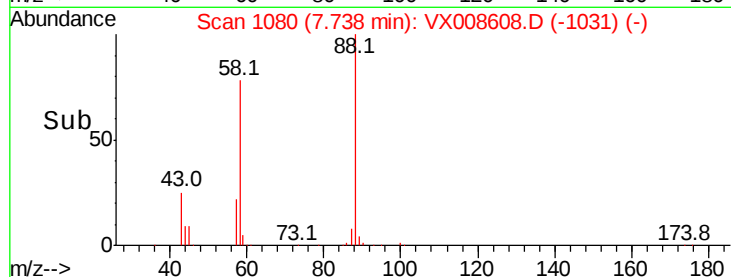
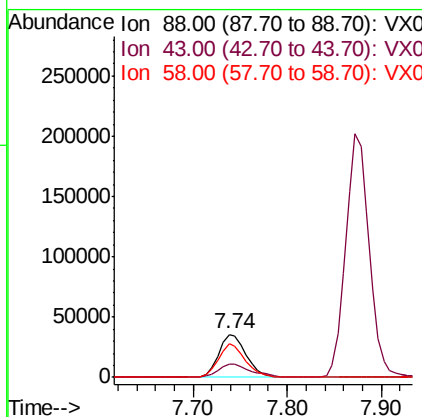
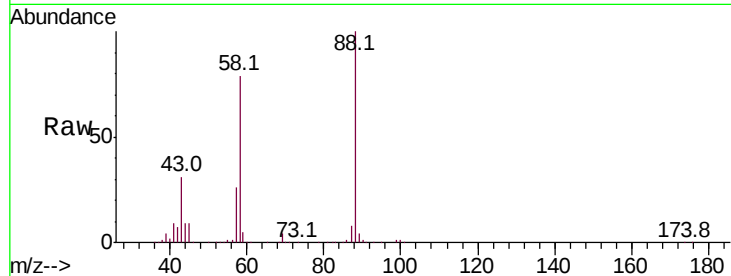
#49
1,4-Dioxane
Concen: 992.667 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	28.6	43.0
58	77.7	62.2	93.2

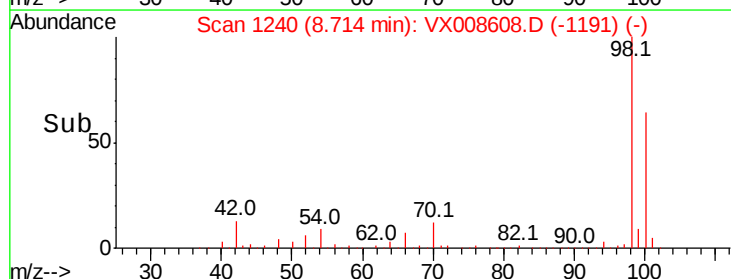
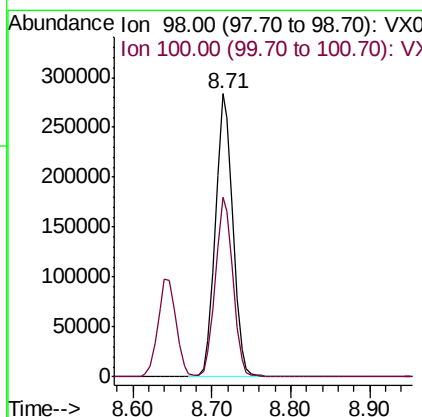
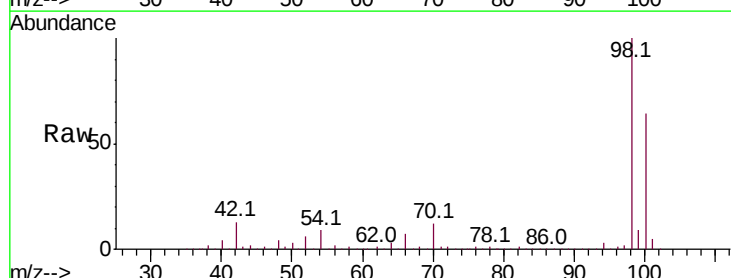
Manual Integrations
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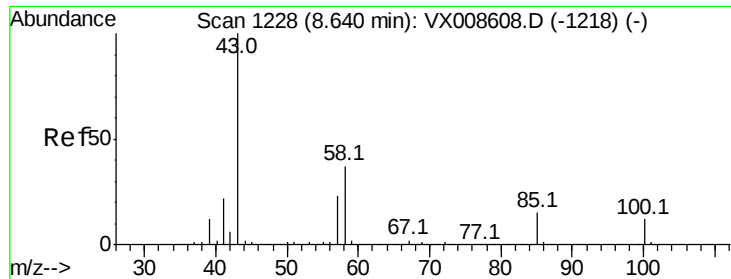
MMDadoda
4/4/2019 3:38:25 PM



#50
Toluene-d8
Concen: 51.154 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 258.187 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1274808

Ion Ratio Lower Upper

43 100

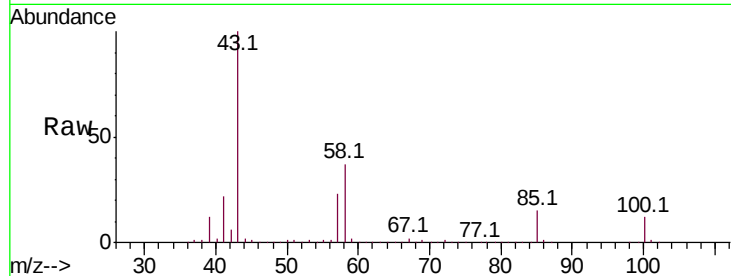
58 36.9 29.5 44.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

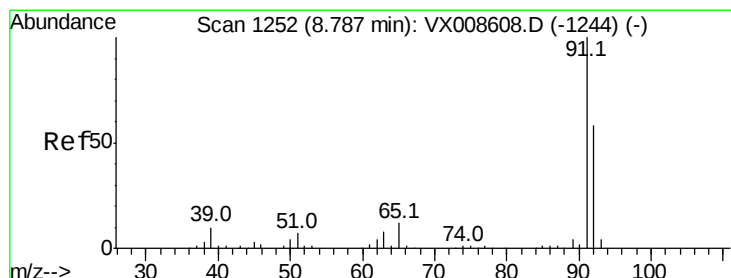
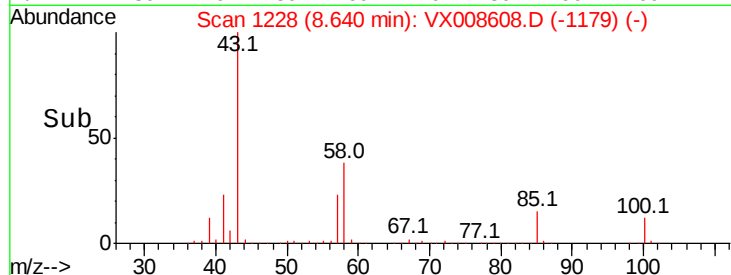
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.489 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008608.D

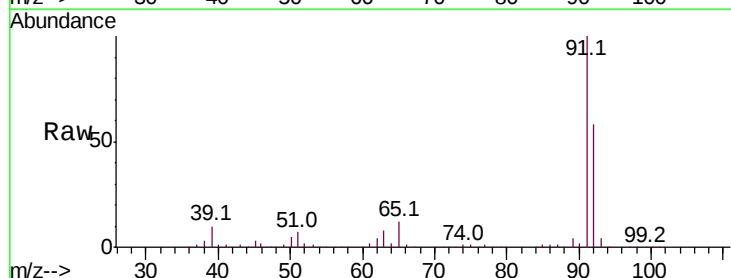
Acq: 03 Apr 2019 10:43

Tgt Ion: 92 Resp: 325288

Ion Ratio Lower Upper

92 100

91 173.1 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

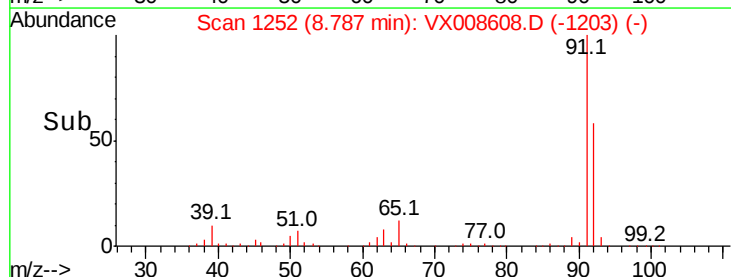
300000

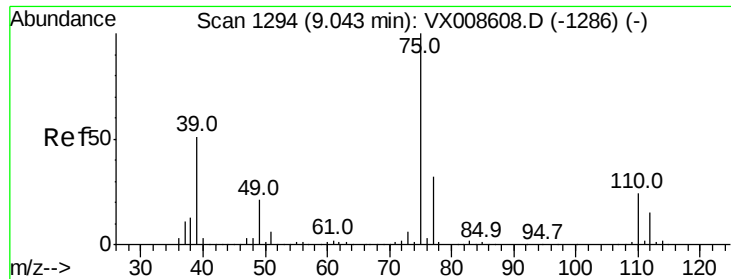
200000

100000

0

Time-->





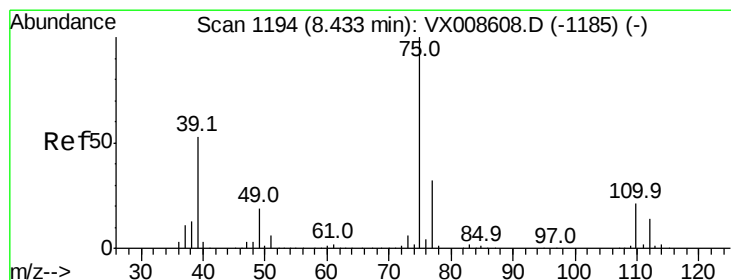
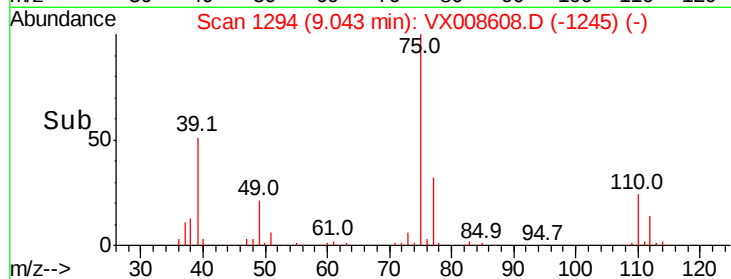
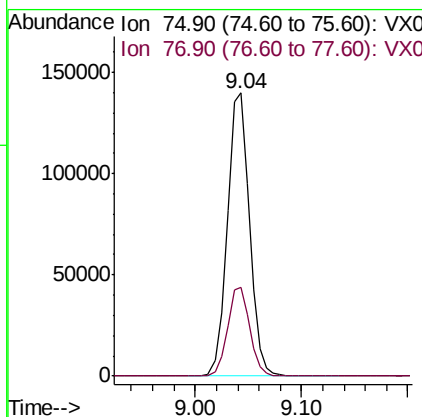
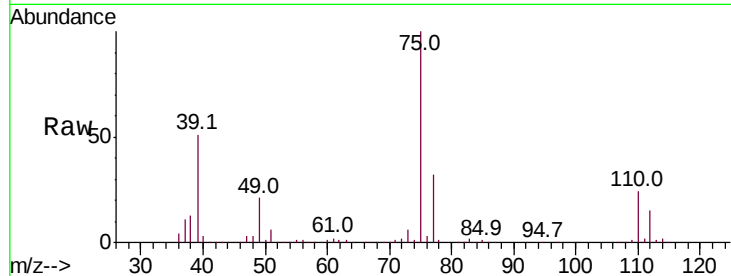
#53
 t-1,3-Dichloropropene
 Concen: 53.379 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 75 Resp: 203954
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8

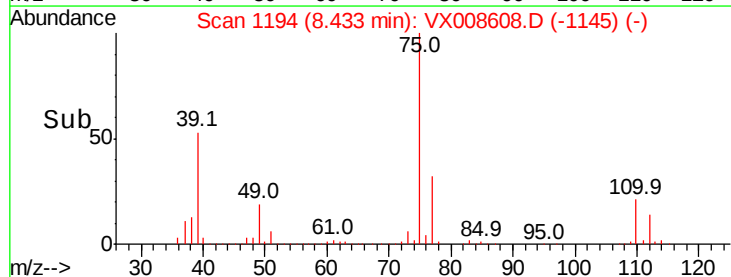
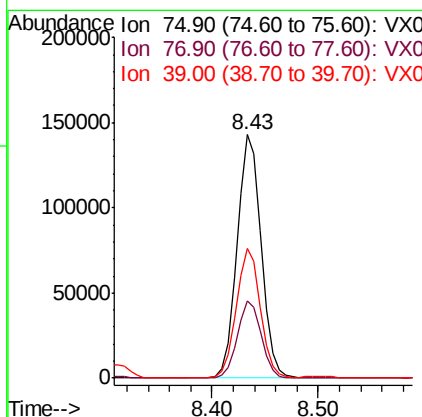
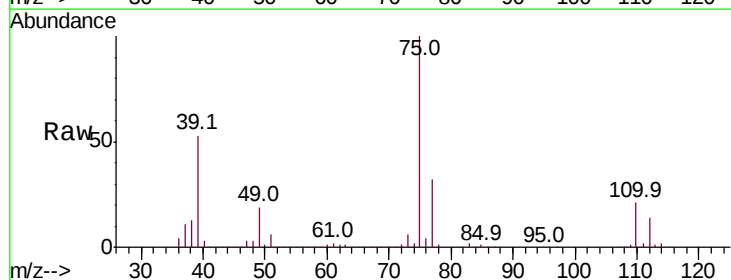
Manual Integrations
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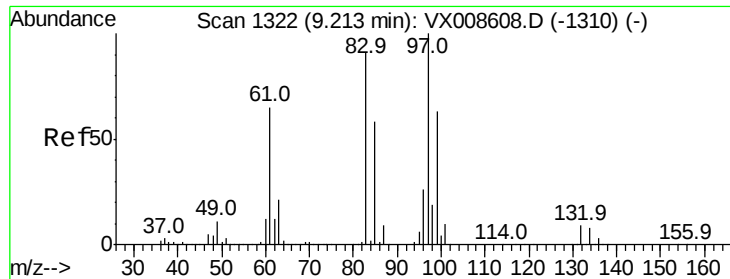
MMDadoda
 4/4/2019 3:38:25 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.930 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion: 75 Resp: 226719
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 53.2 42.6 63.8





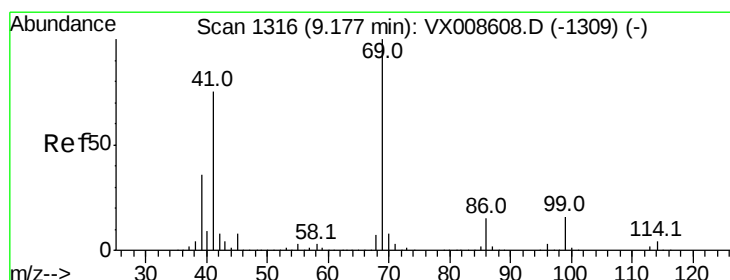
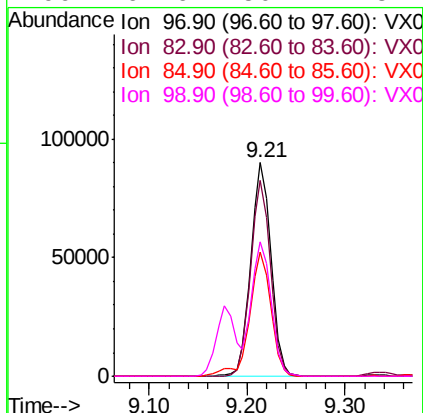
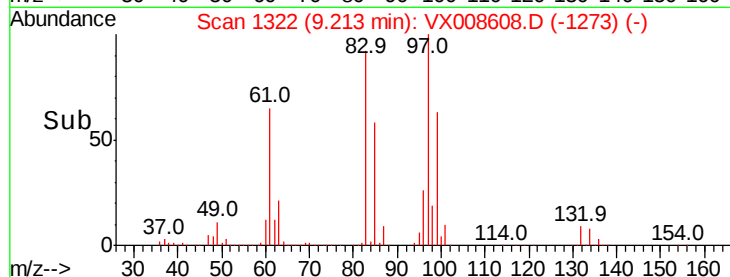
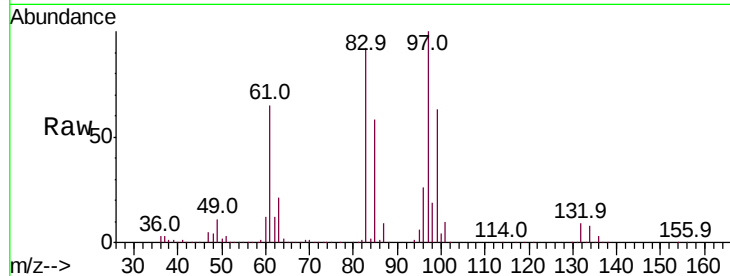
#55
 1,1,2-Trichloroethane
 Concen: 50.199 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	91.5	73.2	109.8
85	58.2	46.6	69.8
99	62.6	50.1	75.1

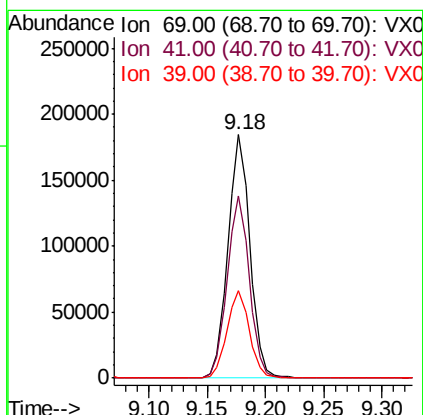
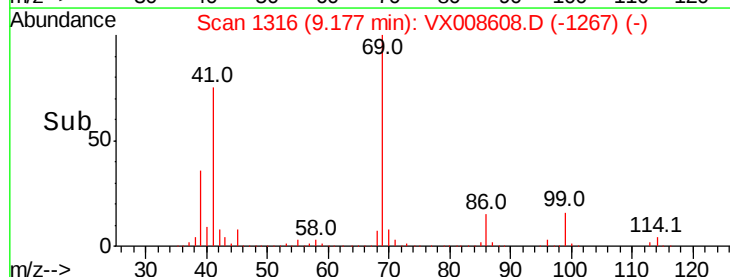
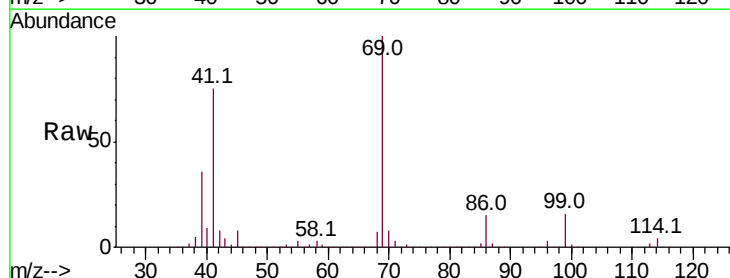
Manual Integrations
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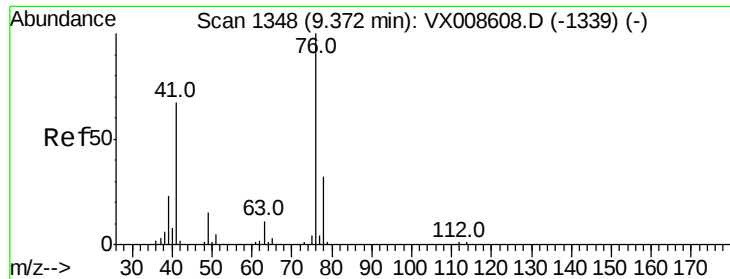
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 52.042 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.1	90.1
39	36.1	28.9	43.3





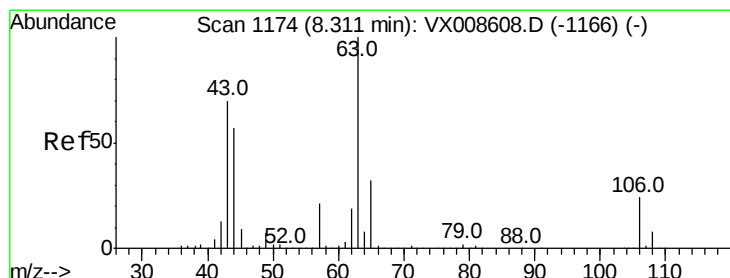
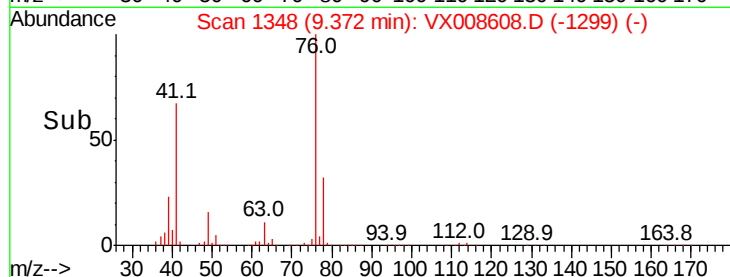
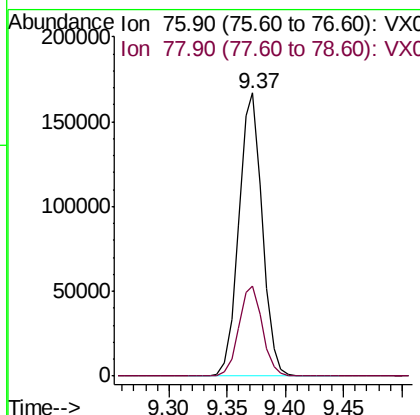
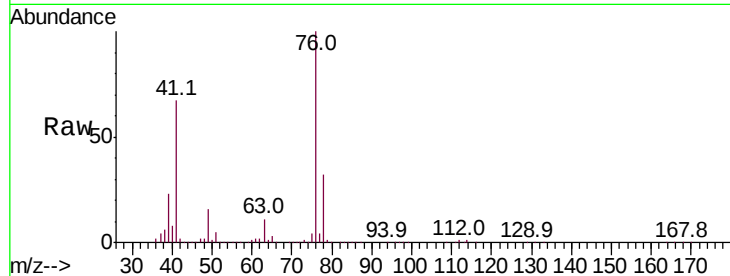
#57
 1,3-Dichloropropane
 Concen: 50.436 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

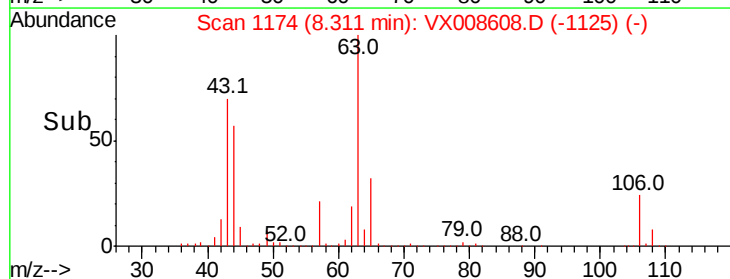
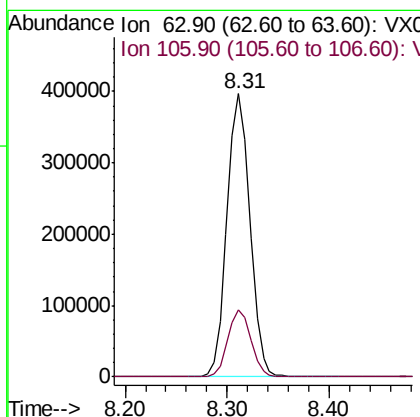
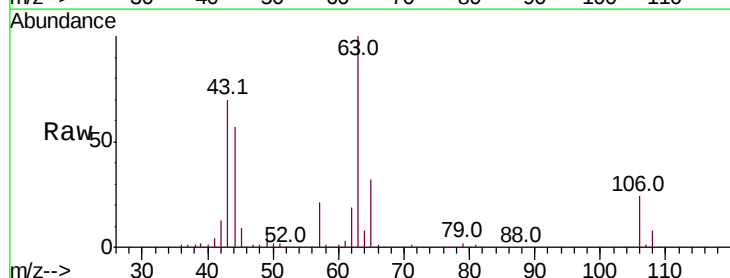
Manual Integrations
 APPROVED

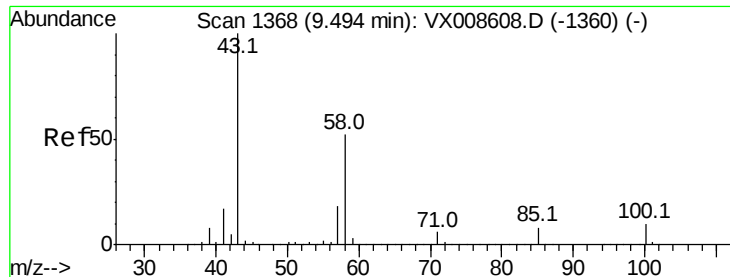
MMDadoda
 4/4/2019 3:38:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.082 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.8	19.0	28.6





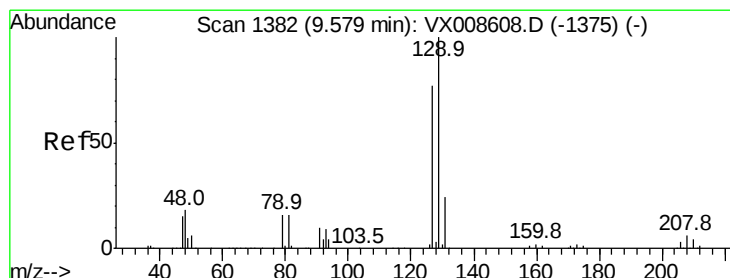
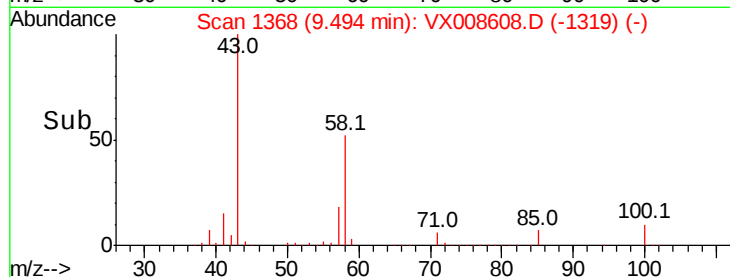
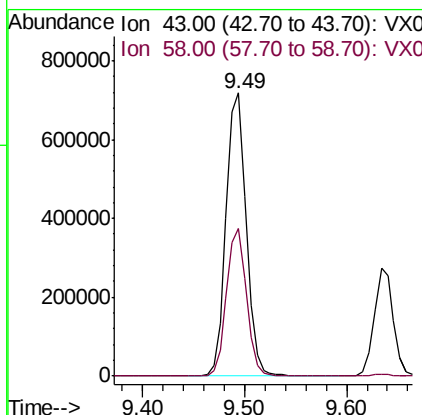
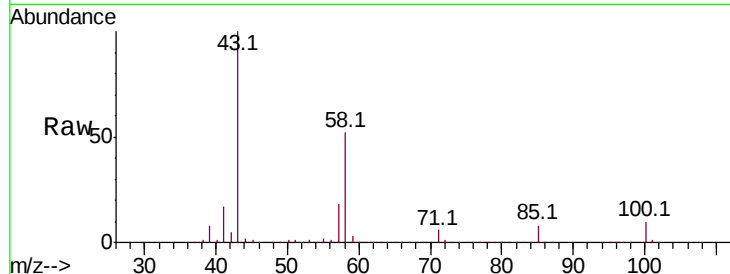
#59
2-Hexanone
Concen: 255.522 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 980485
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7

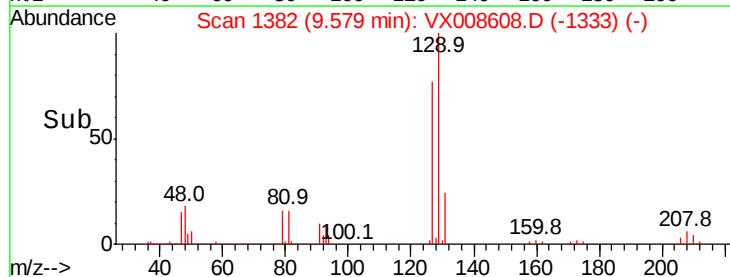
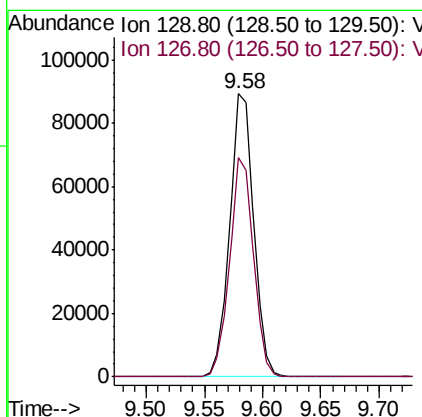
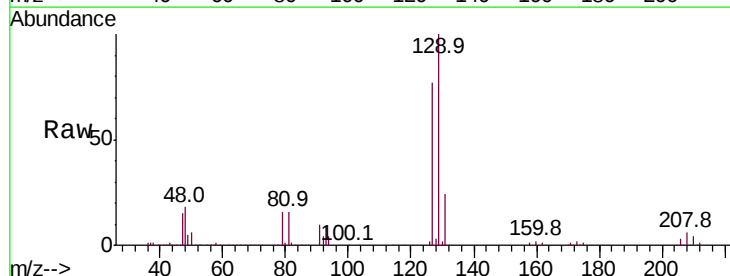
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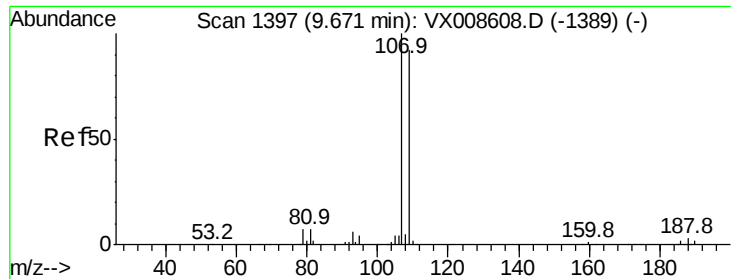
MMDadoda
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#60
Dibromochloromethane
Concen: 52.664 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion: 129 Resp: 128340
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





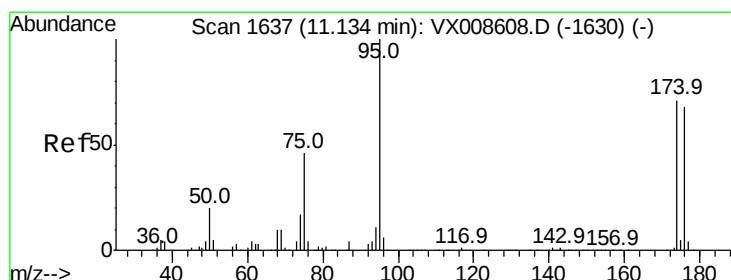
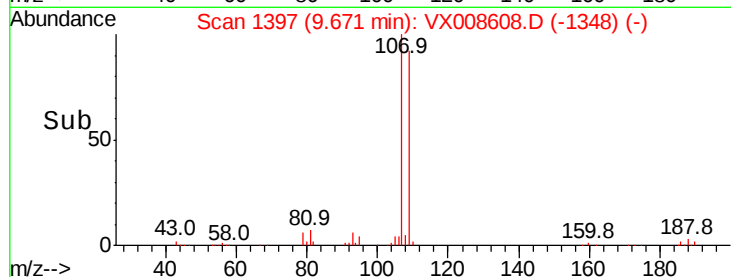
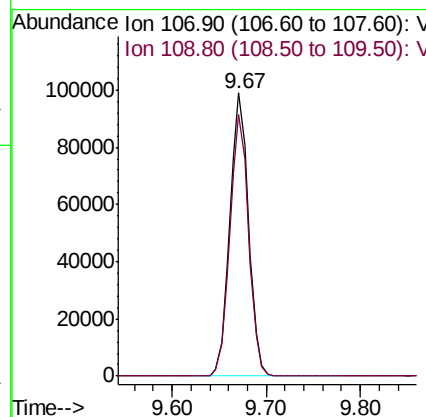
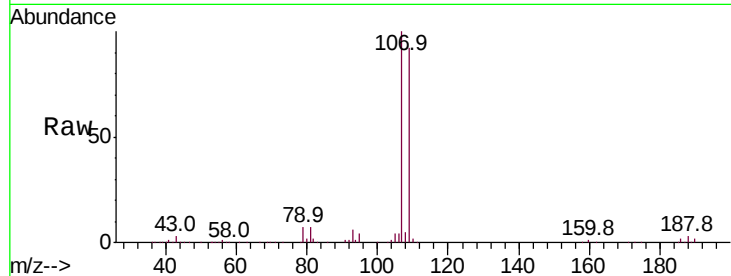
#61
 1,2-Dibromoethane
 Concen: 50.540 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	136068		
109	92.6	74.1	111.1	

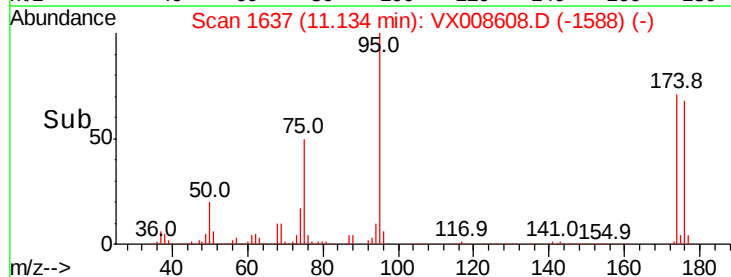
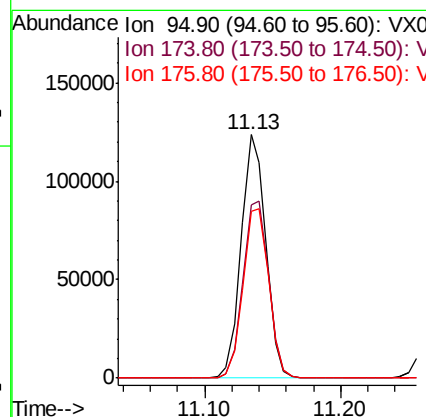
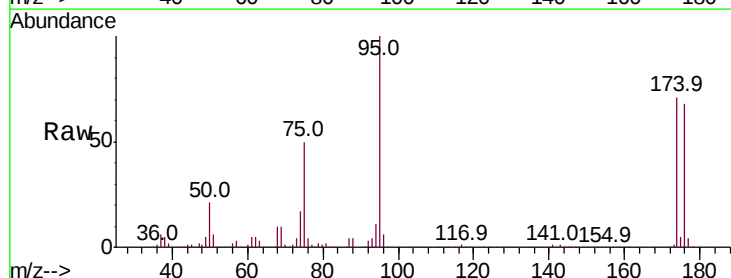
Manual Integrations
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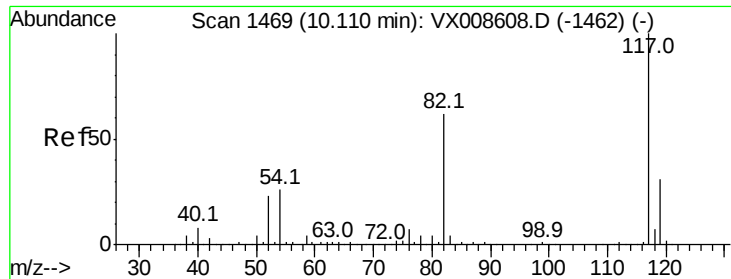
MMDadoda
 4/4/2019 3:38:25 PM



#62
 4-Bromofluorobenzene
 Concen: 51.418 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	155772		
174	75.9	0.0	151.8	
176	72.9	0.0	145.8	





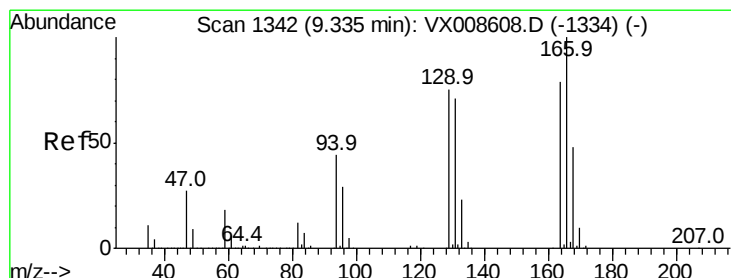
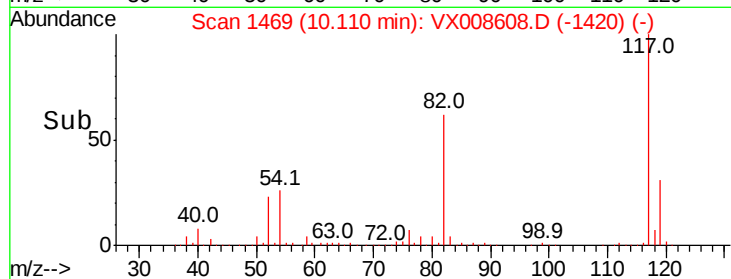
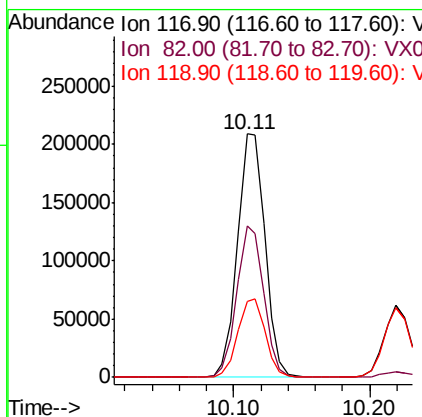
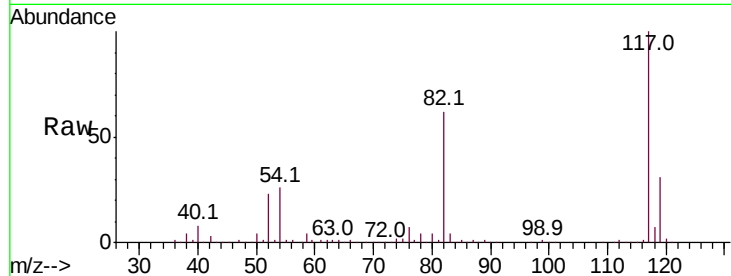
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	295137		
82	62.0	49.6	74.4	
119	31.2	25.0	37.4	

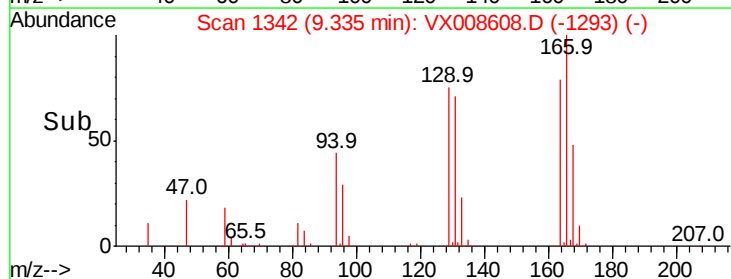
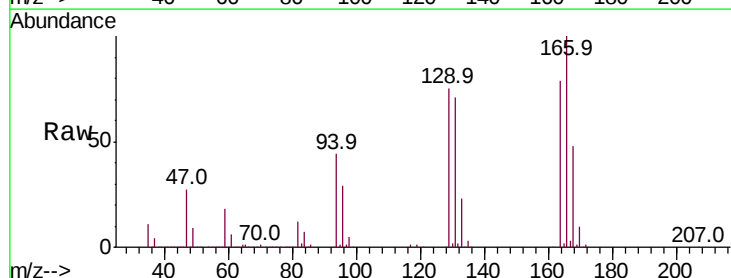
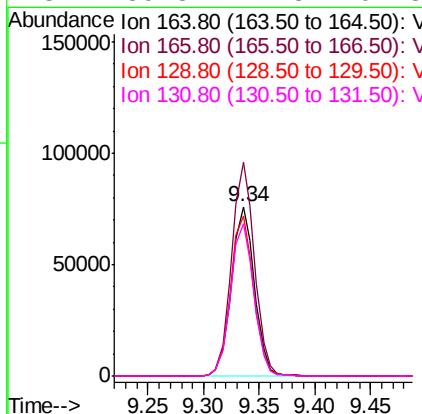
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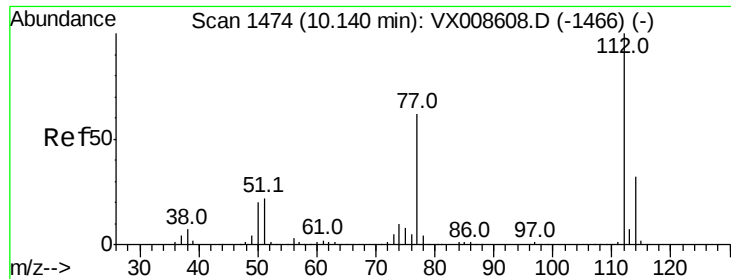
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#64
Tetrachloroethene
Concen: 49.583 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108420		
166	126.3	101.0	151.6	
129	94.8	75.8	113.8	
131	89.8	71.8	107.8	





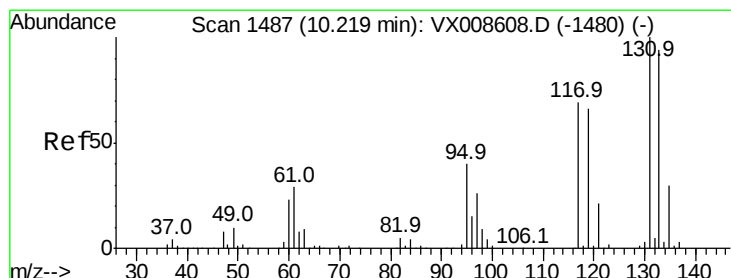
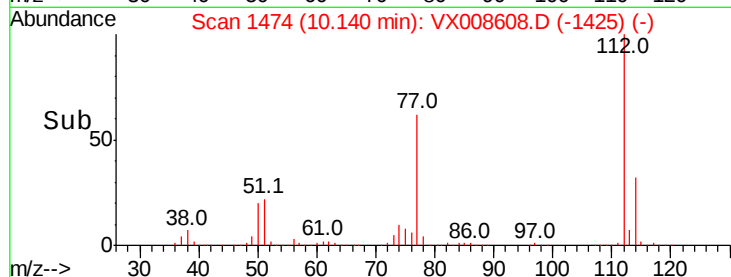
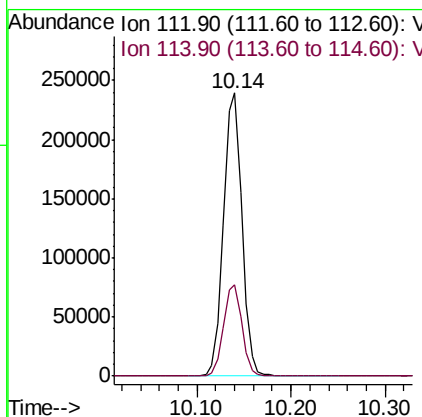
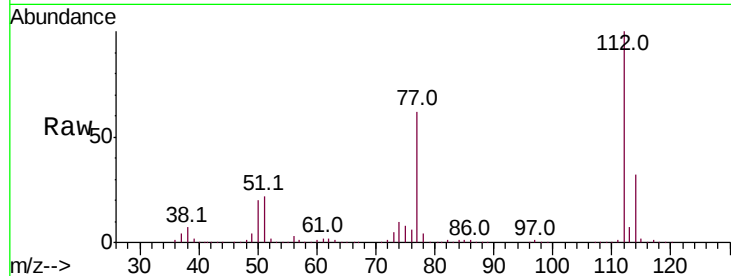
#65
Chlorobenzene
Concen: 49.781 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion:112 Resp: 325681
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

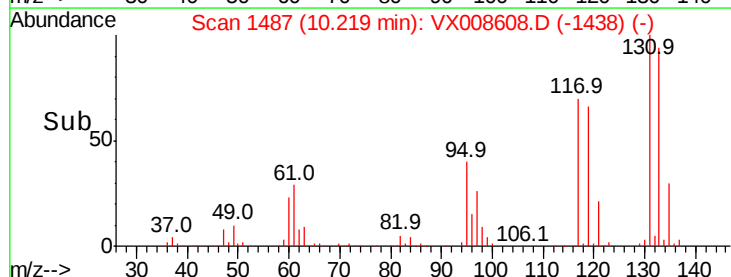
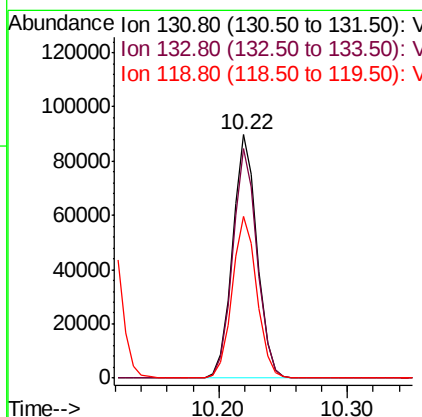
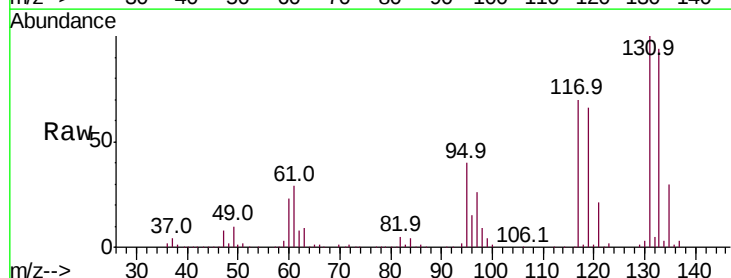
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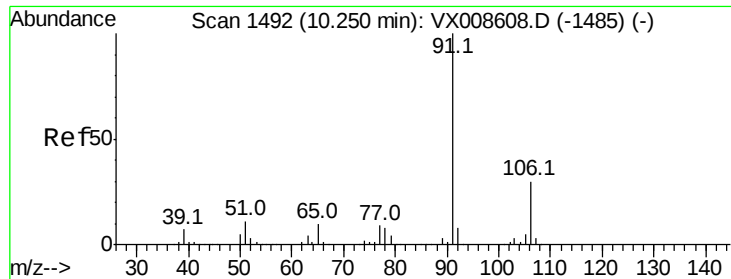
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.601 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion:131 Resp: 118431
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.2
119 67.3 33.7 101.0





#67

Ethyl Benzene

Concen: 50.624 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 617572

Ion Ratio Lower Upper

91 100

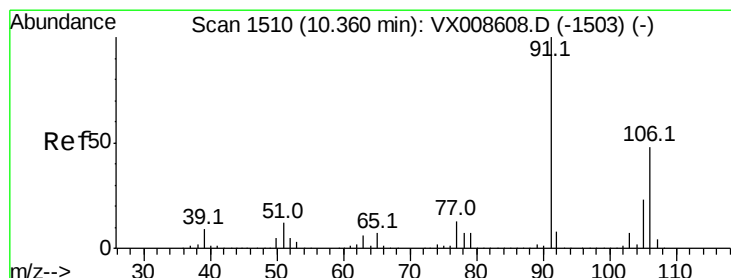
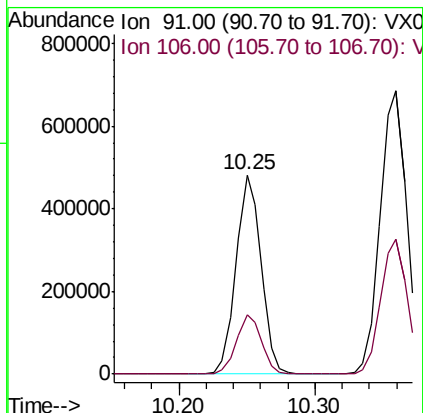
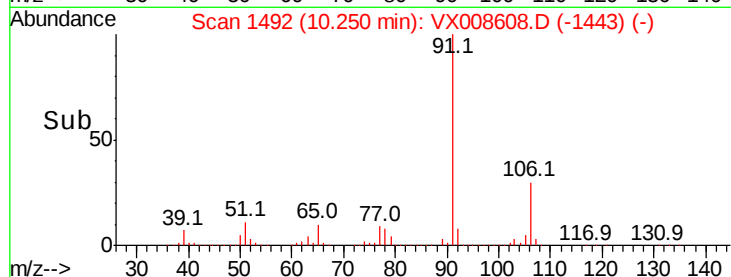
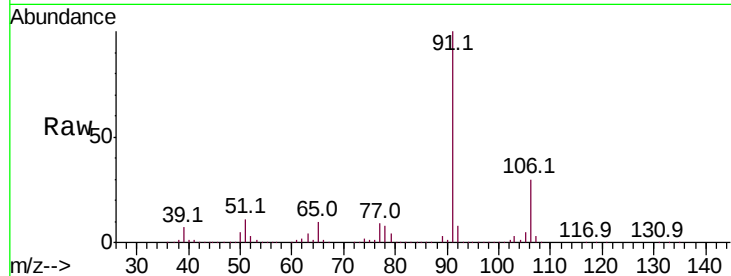
106 29.6 23.7 35.5

Manual Integrations

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4/4/2019 3:38:25 PM



#68

m/p-Xylenes

Concen: 101.226 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008608.D

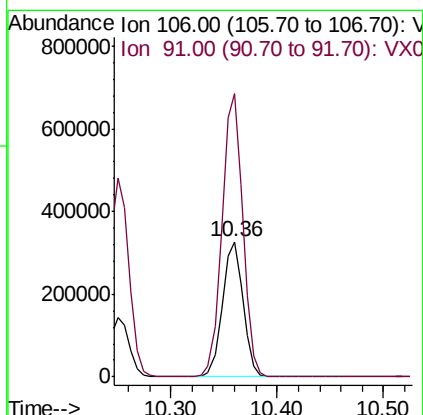
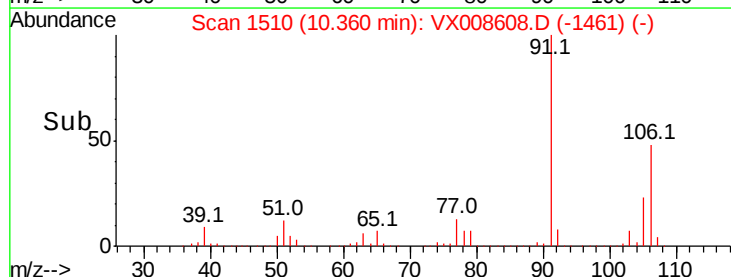
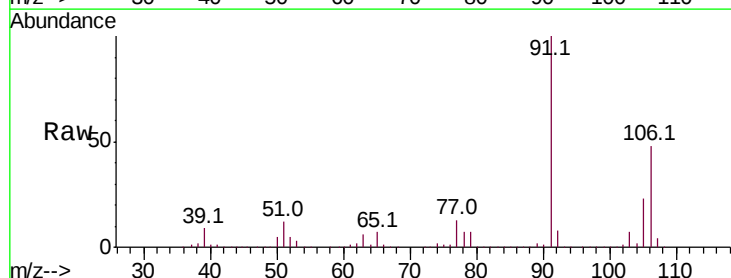
Acq: 03 Apr 2019 10:43

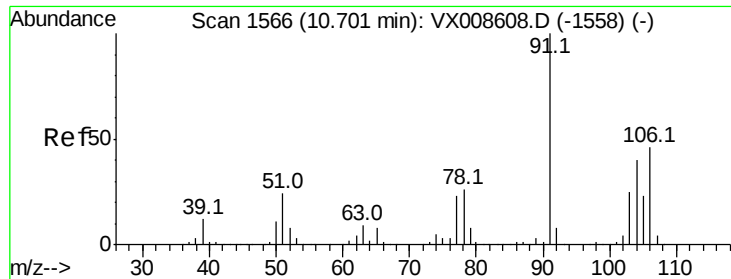
Tgt Ion: 106 Resp: 444005

Ion Ratio Lower Upper

106 100

91 210.6 168.5 252.7





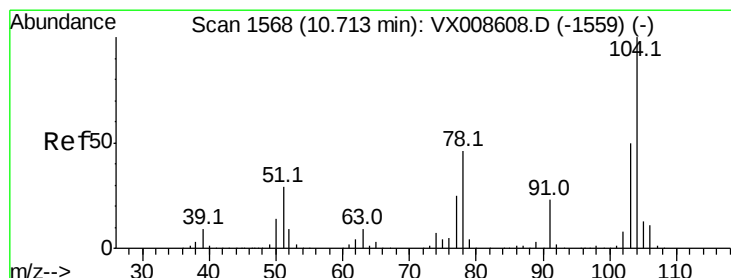
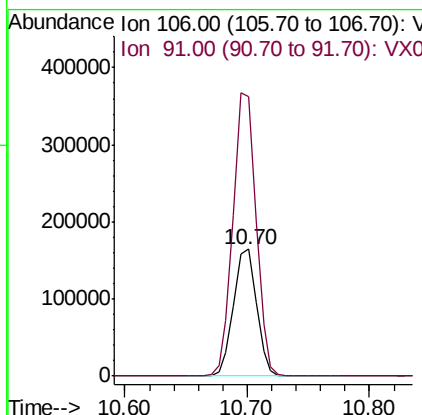
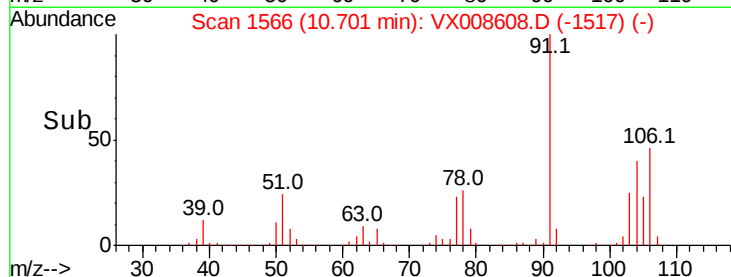
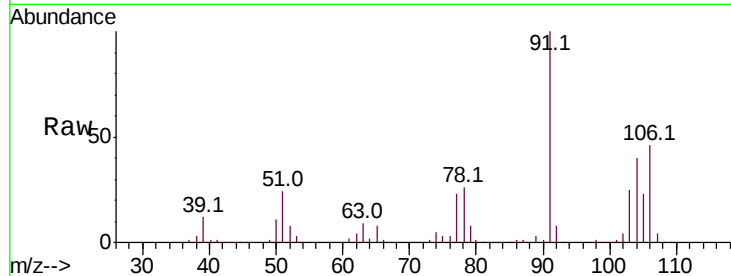
#69
o-Xylene
Concen: 50.463 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion:106 Resp: 214507
Ion Ratio Lower Upper
106 100
91 222.9 111.5 334.4

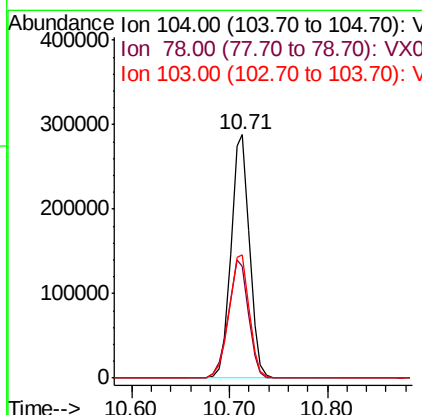
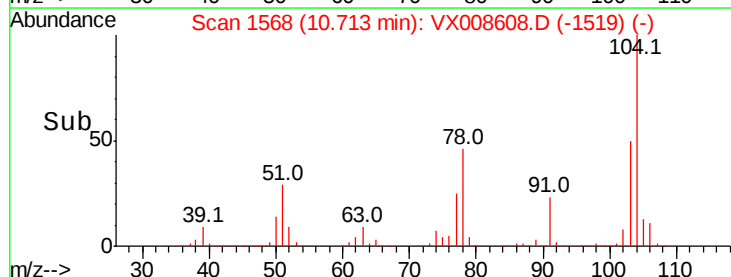
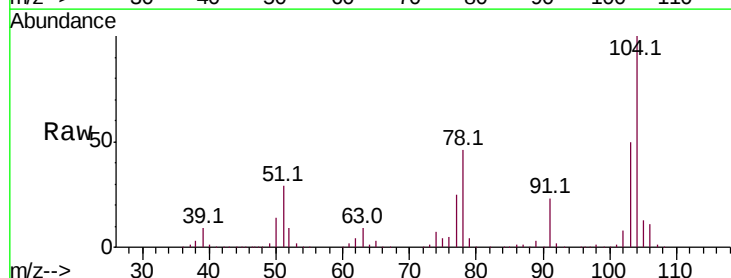
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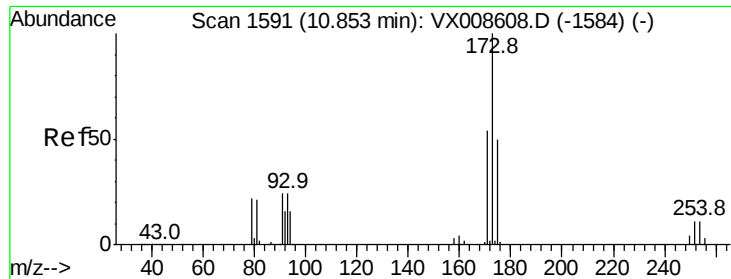
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#70
Styrene
Concen: 51.380 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion:104 Resp: 376477
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 55.5 44.4 66.6





#71

Bromoform

Concen: 53.483 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 93751

Ion Ratio Lower Upper

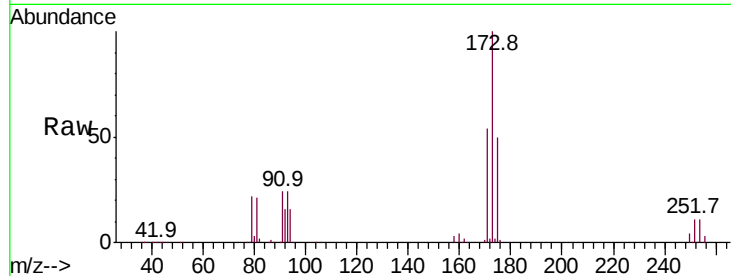
173 100

175 49.7 24.9 74.6

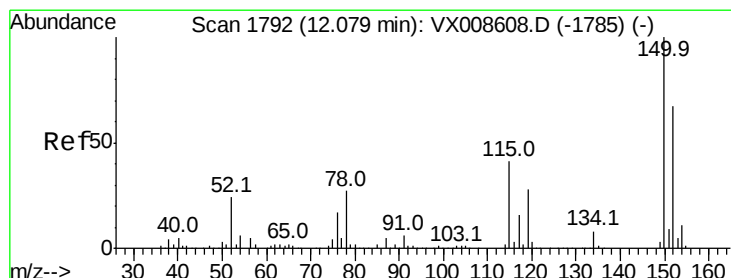
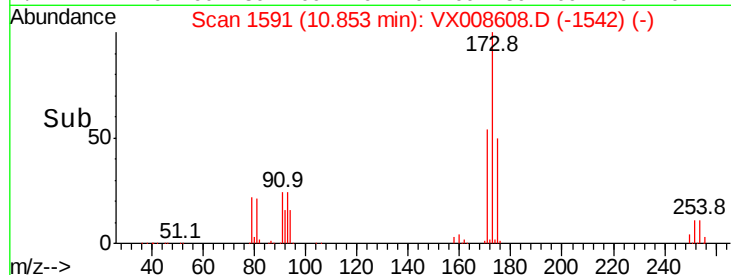
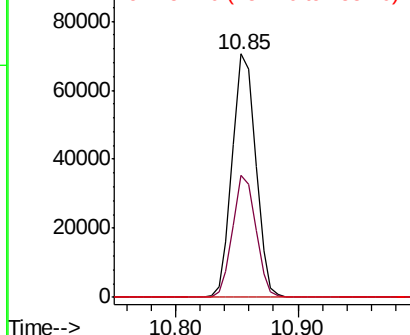
254 0.1 0.1 0.1#

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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: VX008608.D

Acq: 03 Apr 2019 10:43

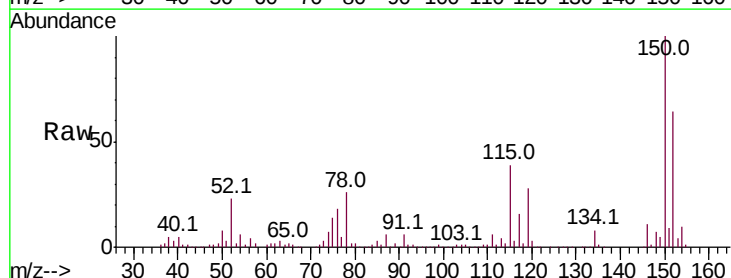
Tgt Ion:152 Resp: 134516

Ion Ratio Lower Upper

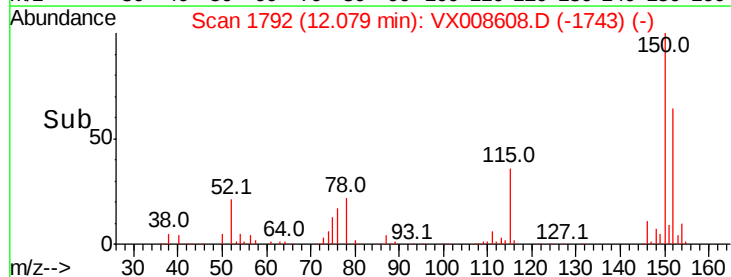
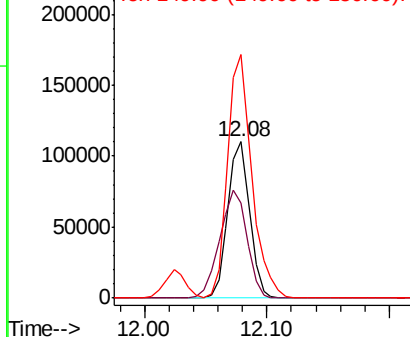
152 100

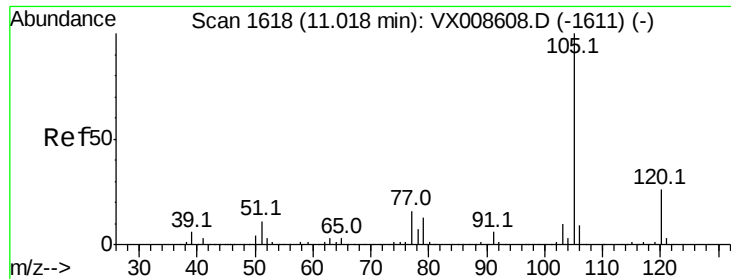
115 87.0 43.5 130.5

150 174.4 0.0 348.8



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





#73

Isopropylbenzene

Concen: 51.369 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 572653

Ion Ratio Lower Upper

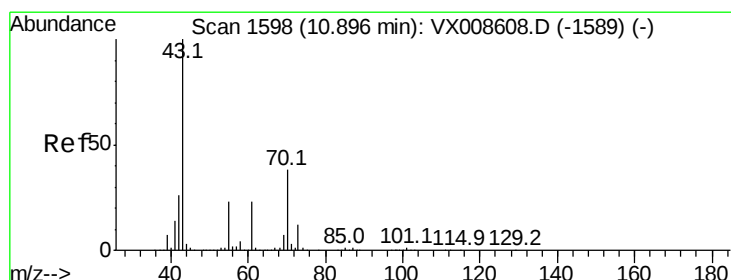
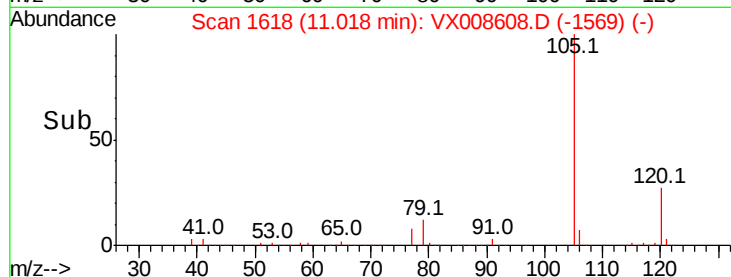
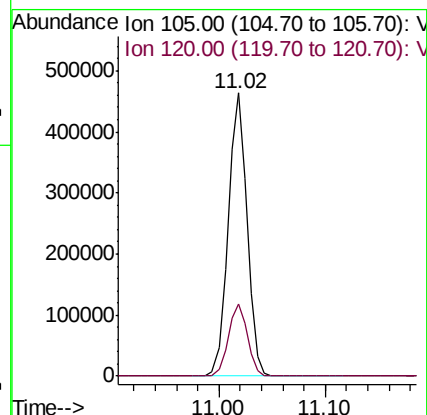
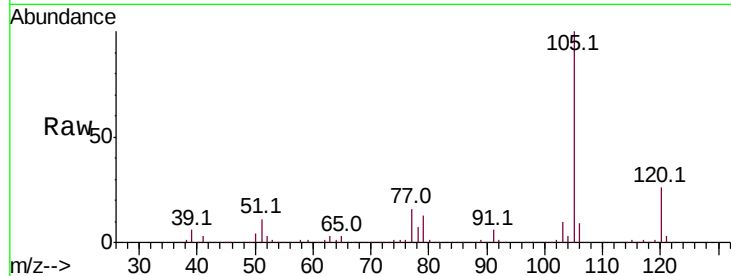
105 100

120 25.7 12.9 38.6

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#74

N-ethyl acetate

Concen: 50.991 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Tgt Ion: 43 Resp: 334431

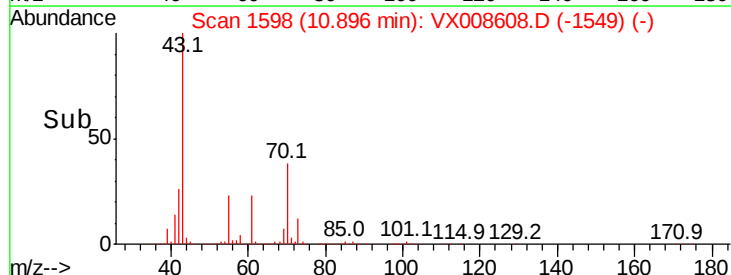
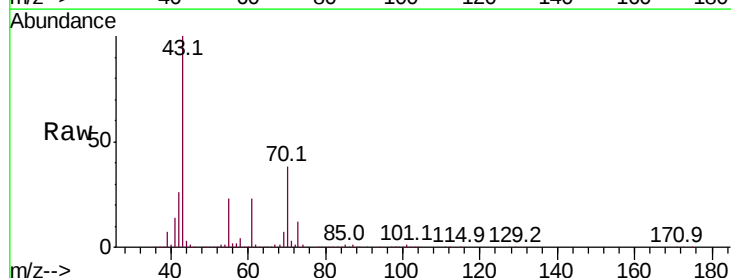
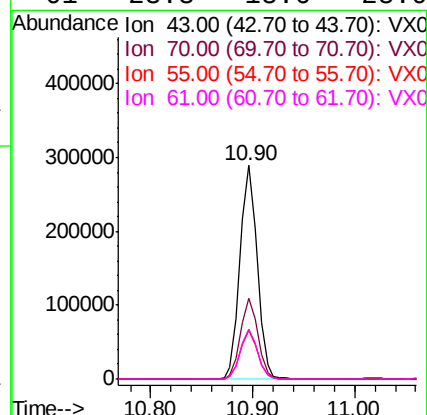
Ion Ratio Lower Upper

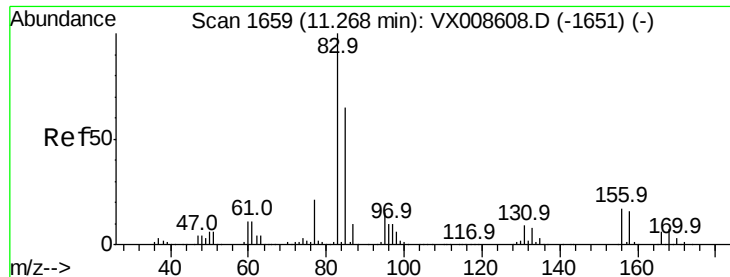
43 100

70 37.8 30.2 45.4

55 22.8 18.2 27.4

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.442 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 209616

Ion Ratio Lower Upper

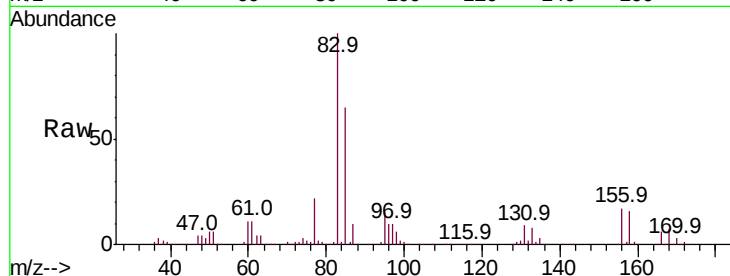
83 100

131 9.1 4.5 13.7

85 64.1 32.0 96.2

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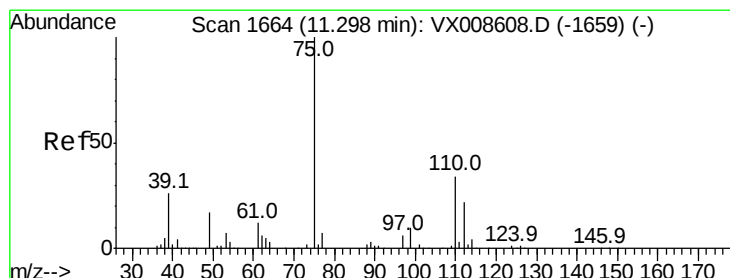
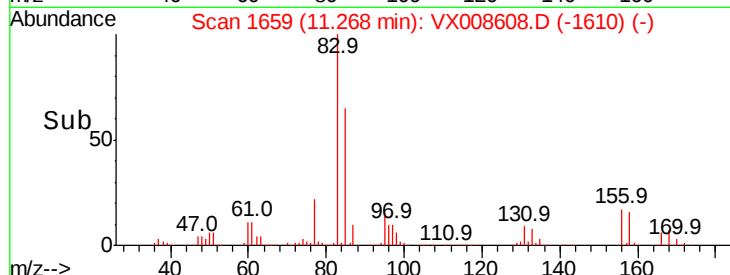
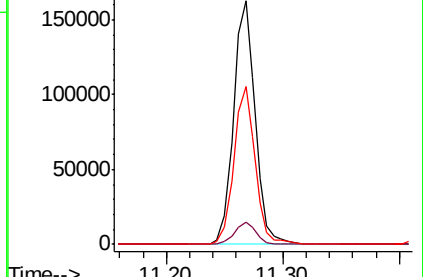
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 45.562 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX008608.D

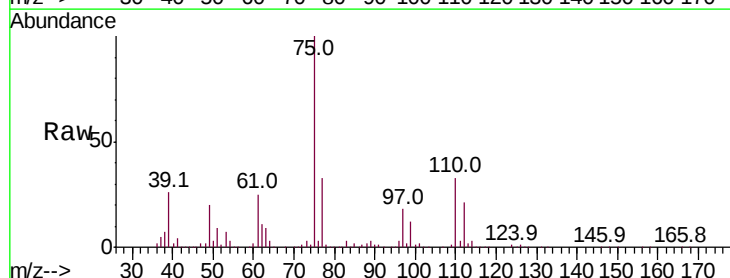
Acq: 03 Apr 2019 10:43

Tgt Ion: 75 Resp: 181187

Ion Ratio Lower Upper

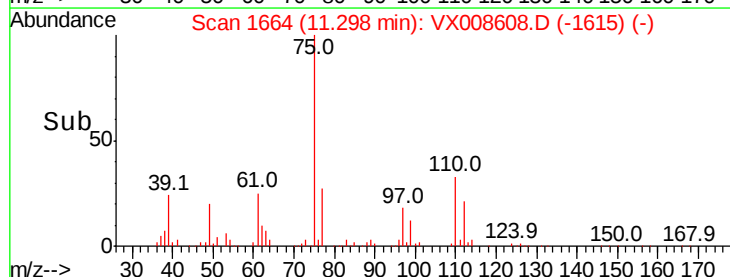
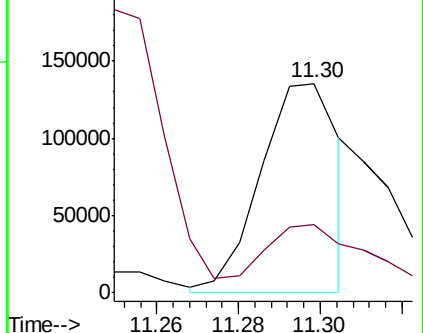
75 100

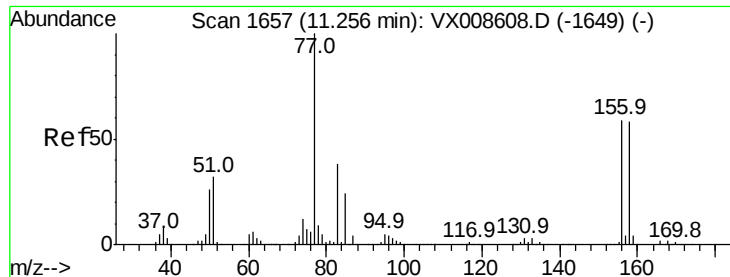
77 44.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.432 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:156 Resp: 135154

Ion Ratio Lower Upper

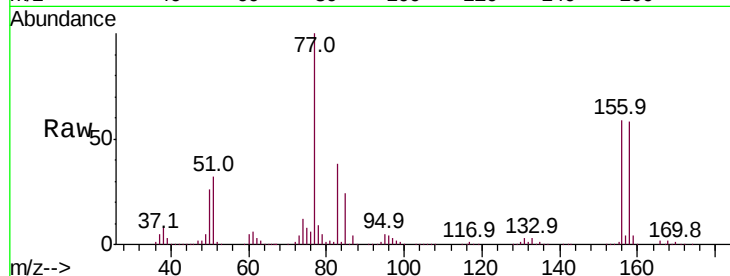
156 100

77 179.7 89.8 269.6

158 97.3 48.6 145.9

Manual Integrations
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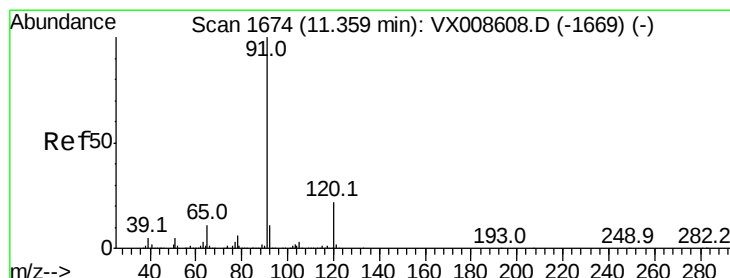
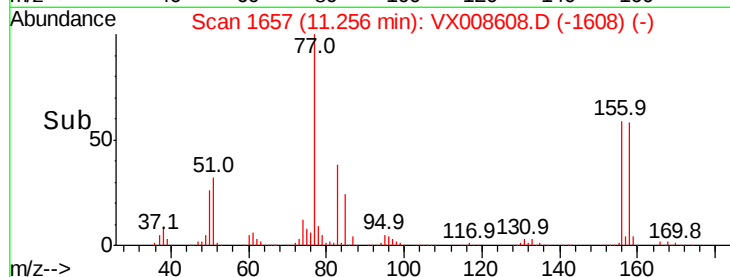
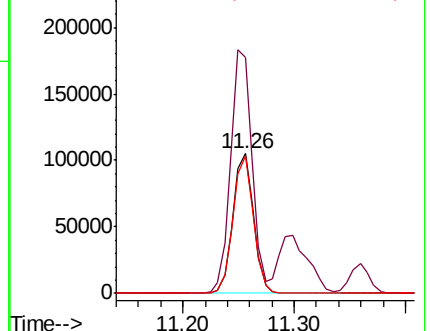
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.696 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008608.D

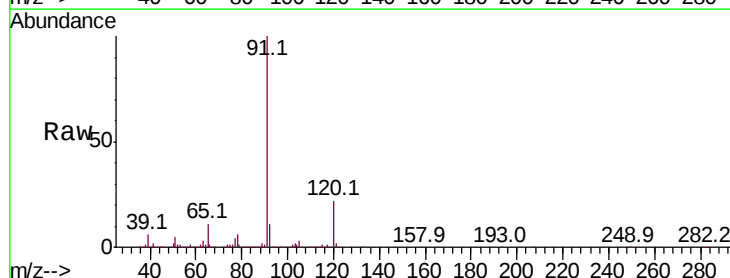
Acq: 03 Apr 2019 10:43

Tgt Ion: 91 Resp: 671014

Ion Ratio Lower Upper

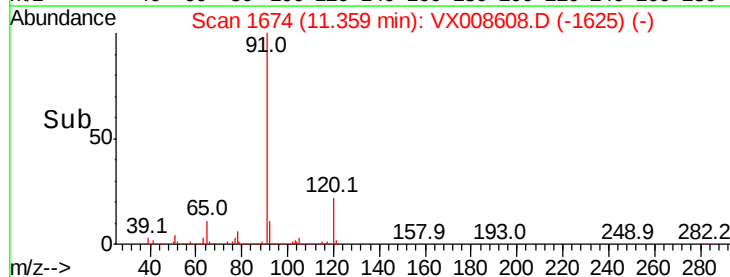
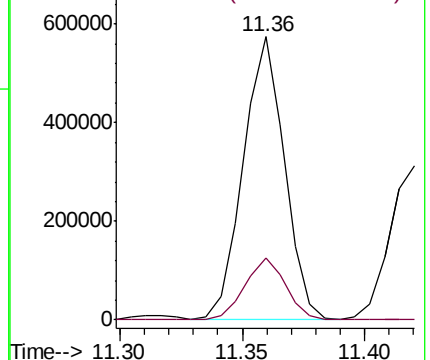
91 100

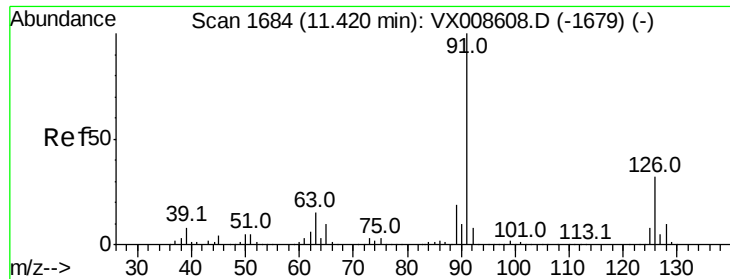
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.071 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 393303

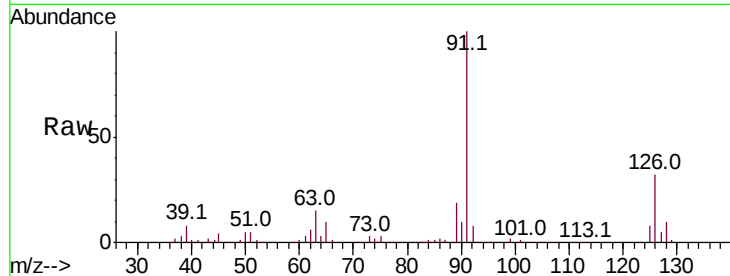
Ion Ratio Lower Upper

91 100

126 32.2 16.1 48.3

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Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

600000

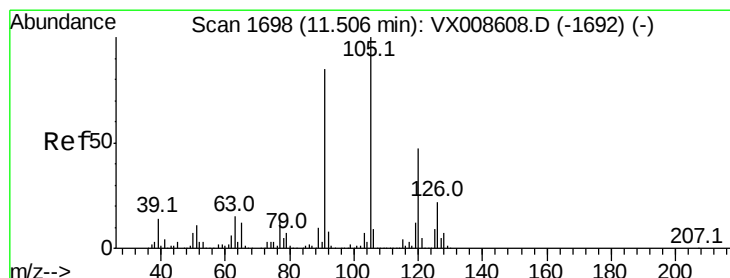
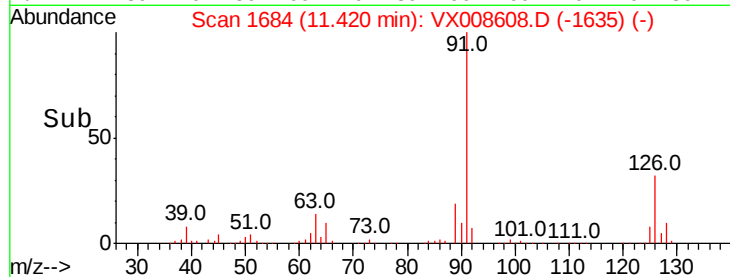
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.737 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008608.D

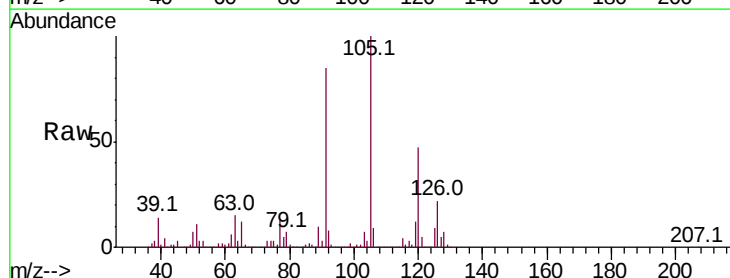
Acq: 03 Apr 2019 10:43

Tgt Ion: 105 Resp: 484132

Ion Ratio Lower Upper

105 100

120 47.1 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

400000

300000

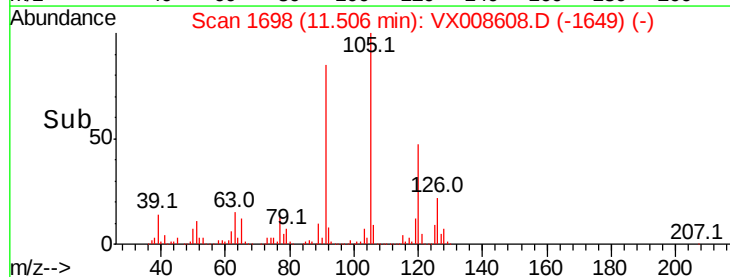
200000

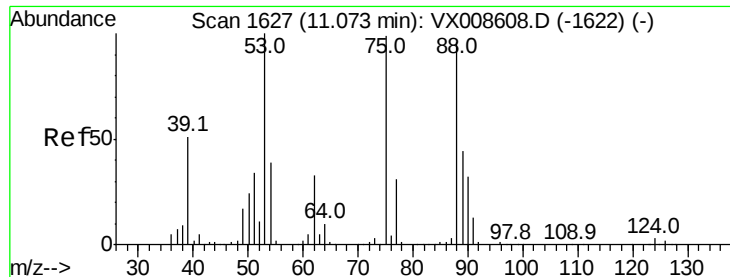
100000

0

11.50 11.51 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 54.519 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 73085

Ion Ratio Lower Upper

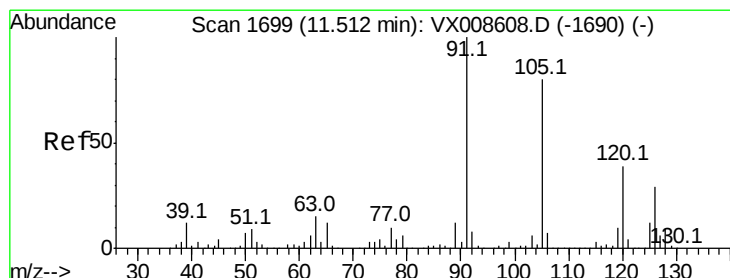
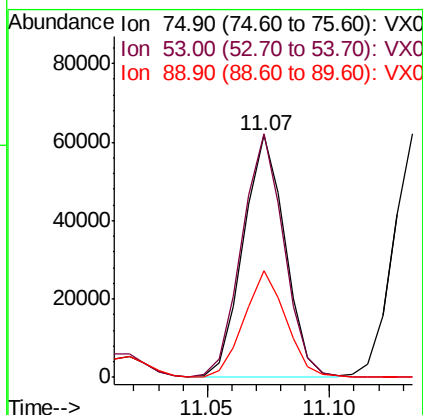
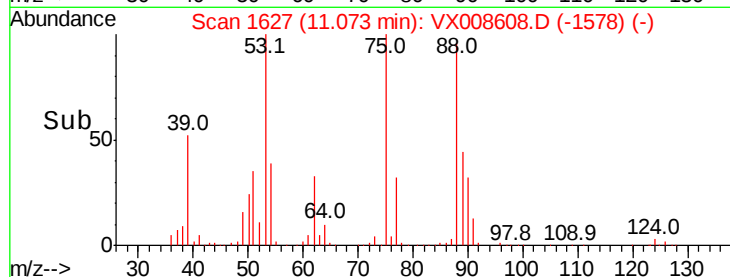
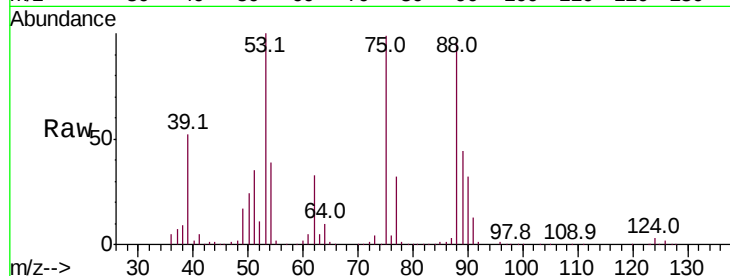
75 100

53 101.6 81.3 121.9

89 44.5 35.6 53.4

Manual Integrations
APPROVED

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#82

4-Chlorotoluene

Concen: 50.210 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008608.D

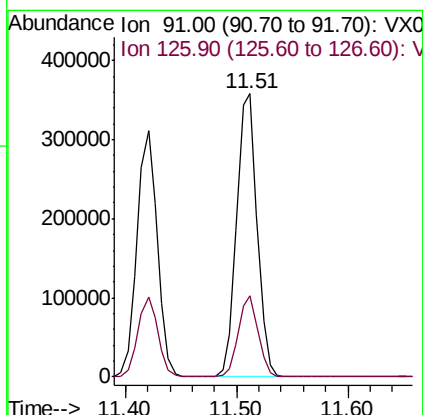
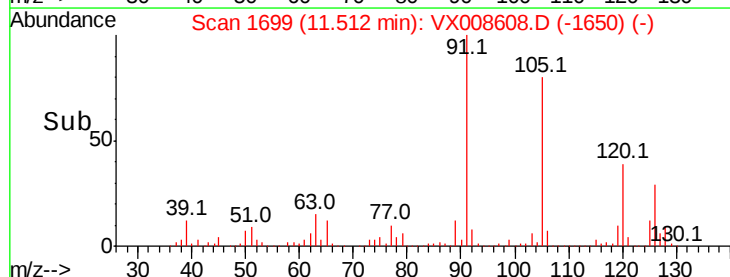
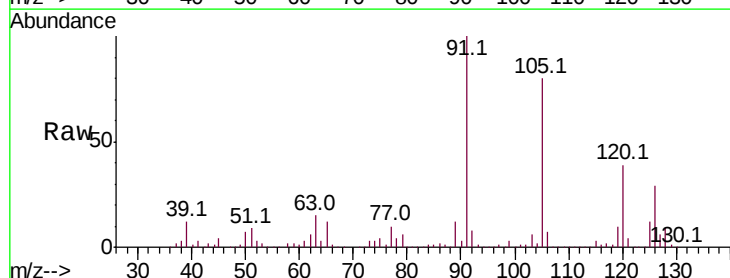
Acq: 03 Apr 2019 10:43

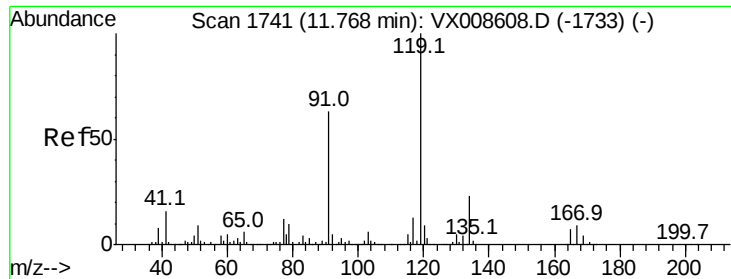
Tgt Ion: 91 Resp: 456531

Ion Ratio Lower Upper

91 100

126 27.7 13.9 41.6





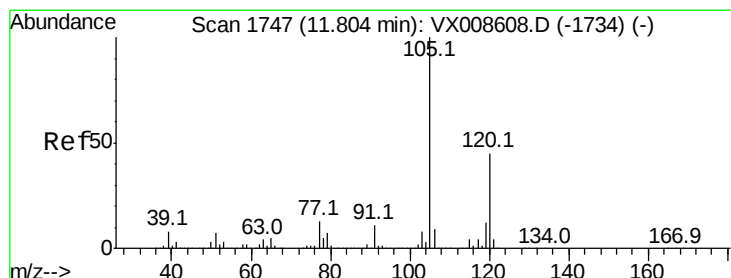
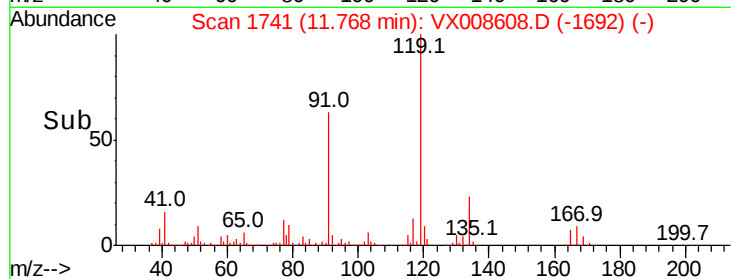
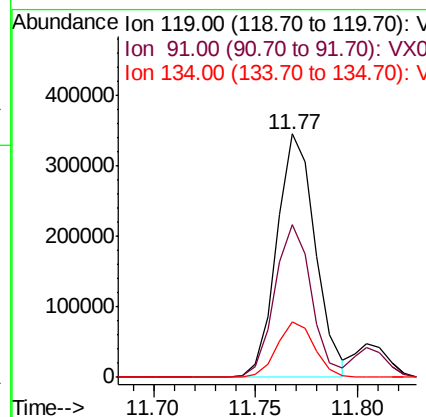
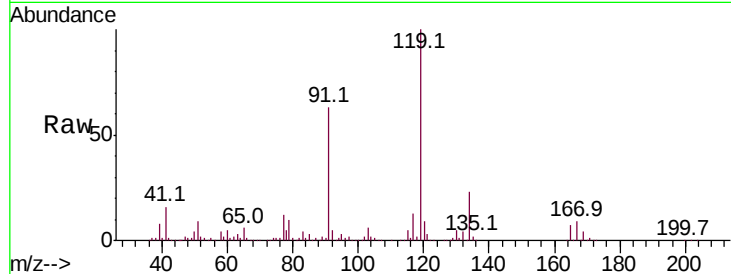
#83
tert-Butylbenzene
Concen: 50.701 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	456447		
91	60.1	30.0	90.1	
134	22.2	11.1	33.3	

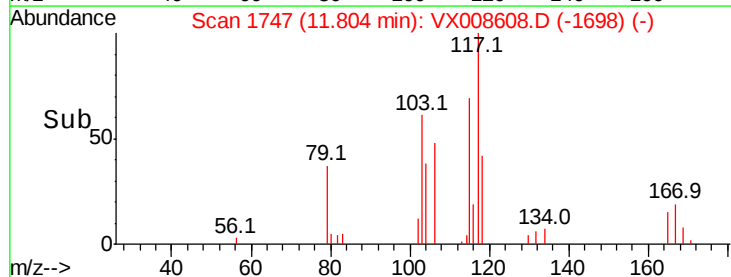
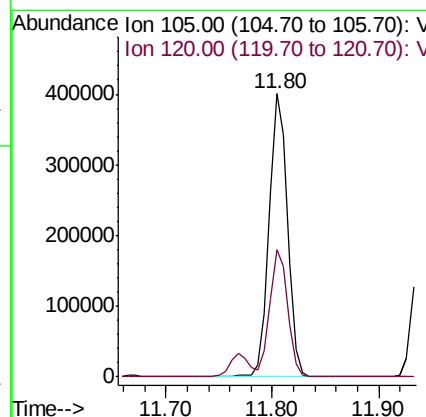
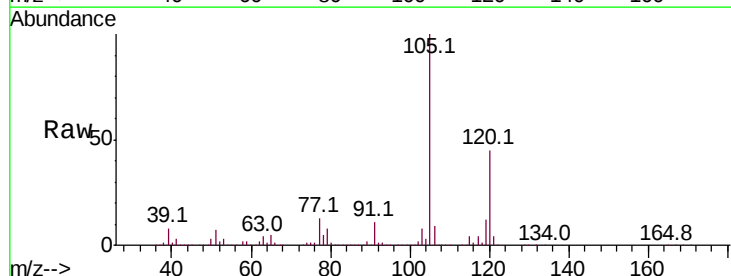
Manual Integrations
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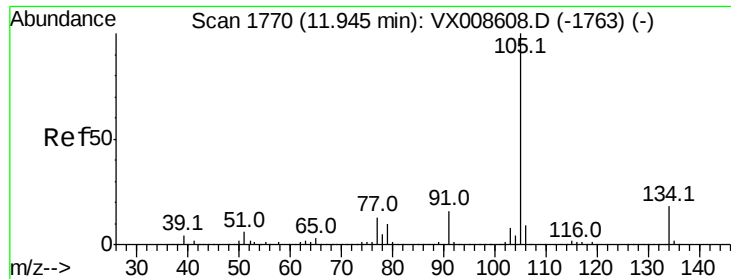
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#84
1,2,4-Trimethylbenzene
Concen: 51.363 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	486670		
120	43.5	21.8	65.3	





#85

sec-Butylbenzene

Concen: 51.783 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 553749

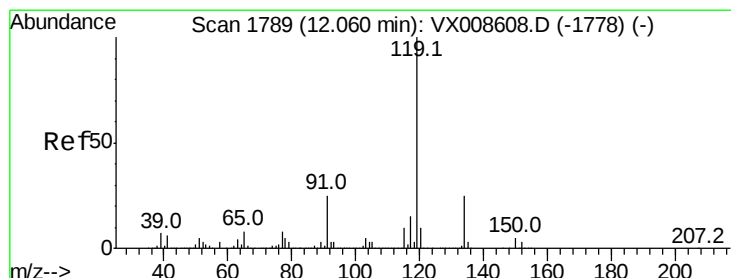
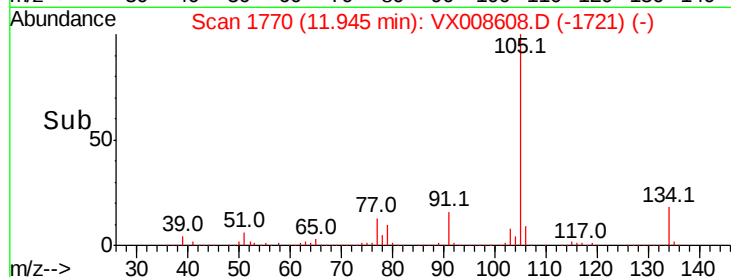
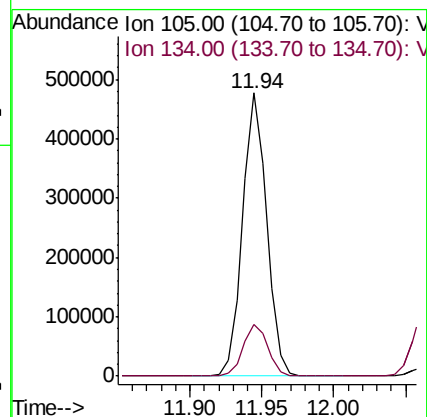
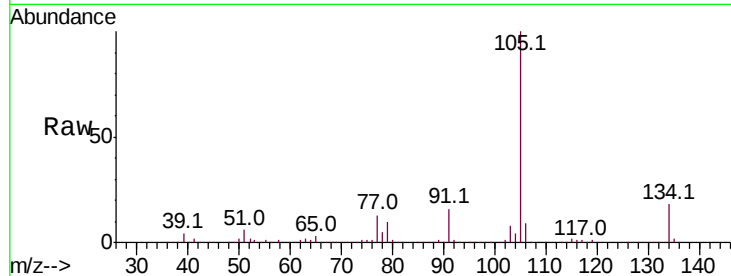
Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.819 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008608.D

Acq: 03 Apr 2019 10:43

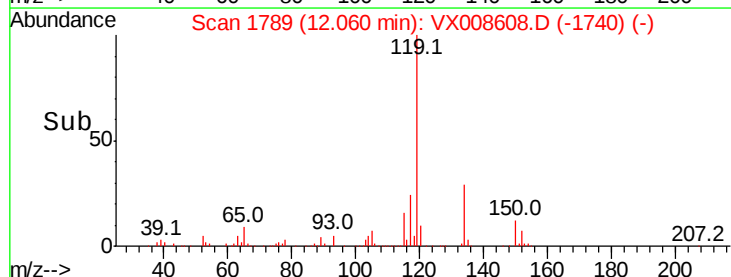
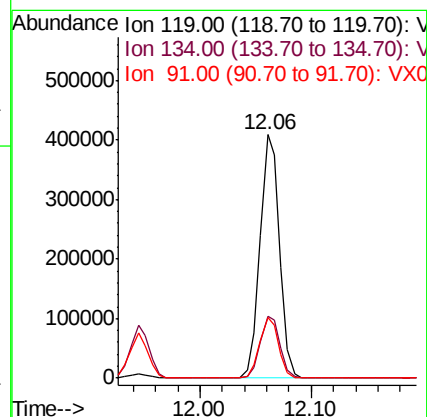
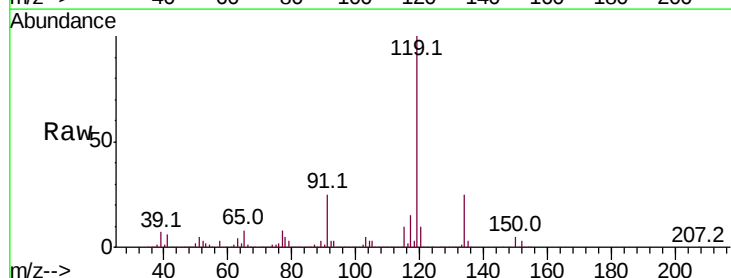
Tgt Ion:119 Resp: 497361

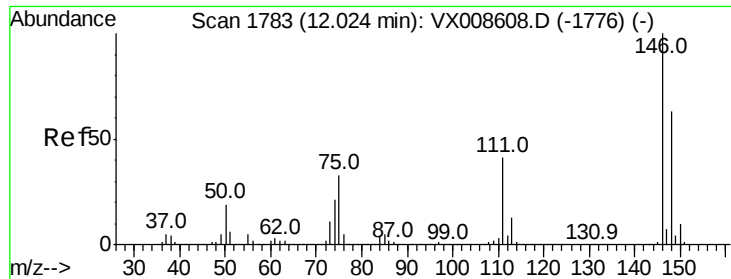
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 24.4 12.2 36.6





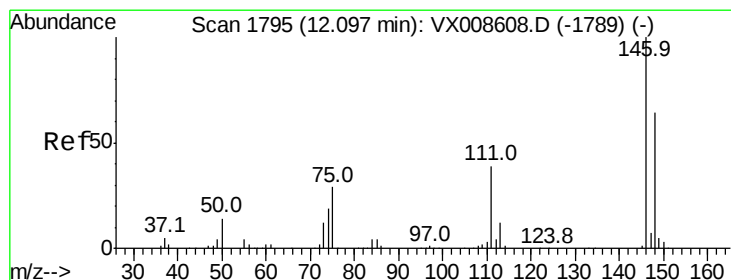
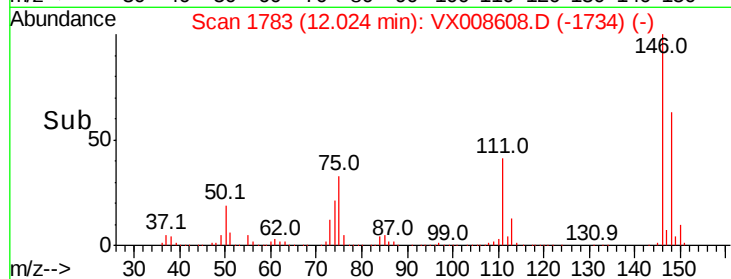
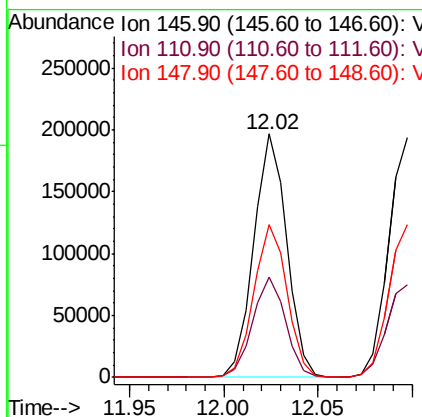
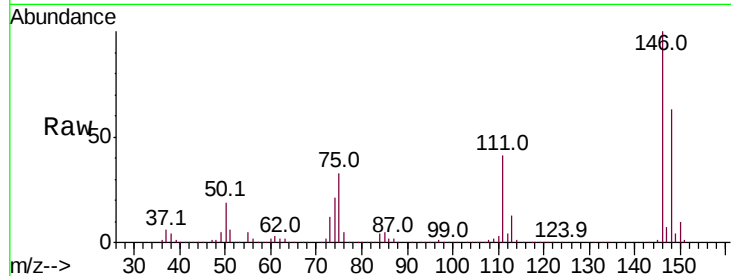
#87
 1,3-Dichlorobenzene
 Concen: 49.747 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	238671		
111	41.0		20.5	61.5
148	63.1		31.6	94.7

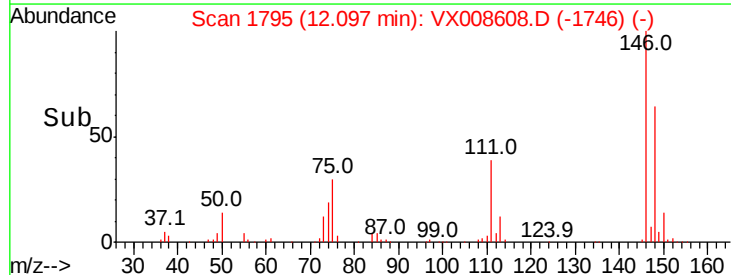
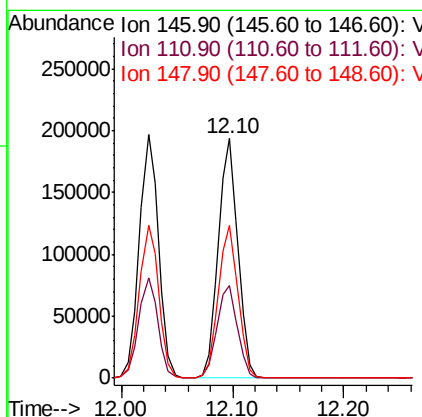
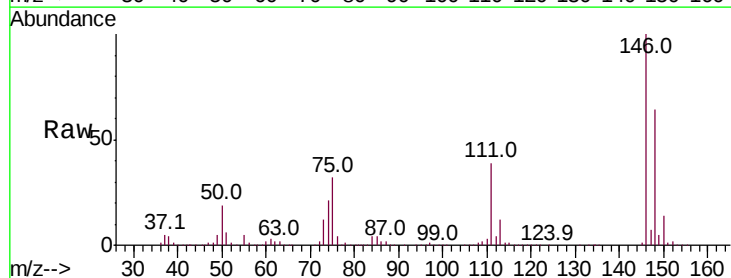
Manual Integrations
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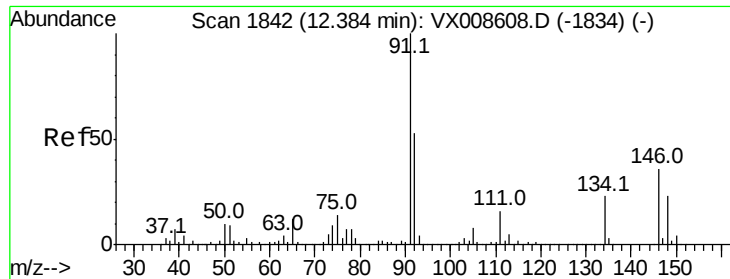
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#88
 1,4-Dichlorobenzene
 Concen: 48.632 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	236264		
111	40.4		20.2	60.6
148	64.0		32.0	96.0





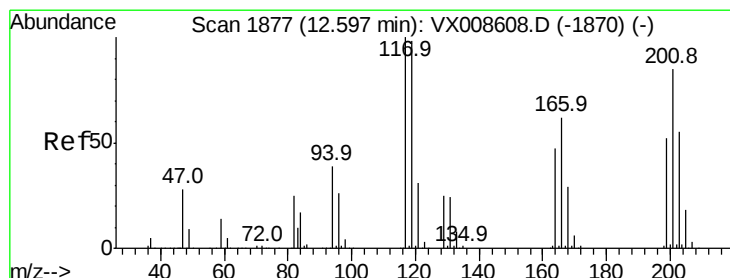
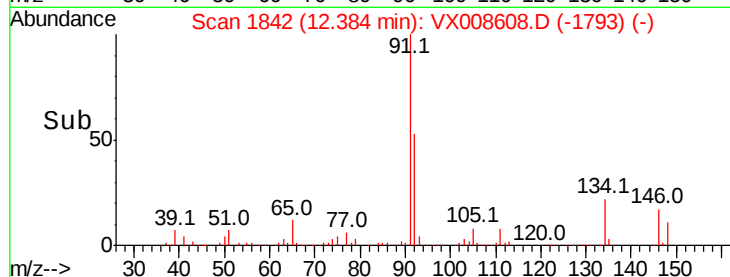
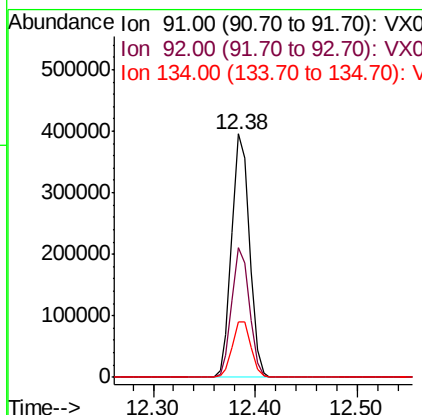
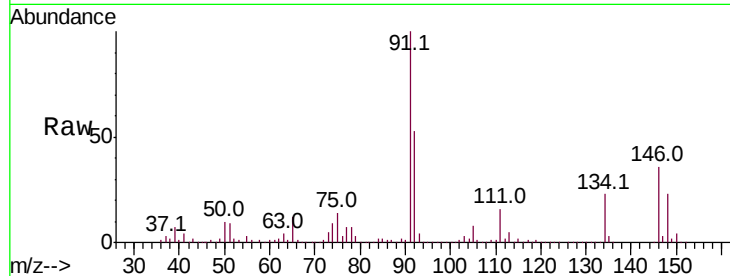
#89
n-Butylbenzene
Concen: 52.639 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.2
134	24.0	12.0	36.0

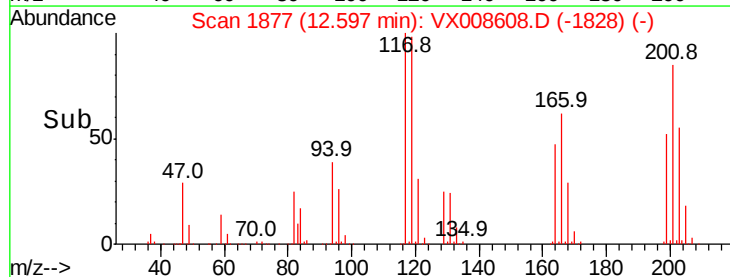
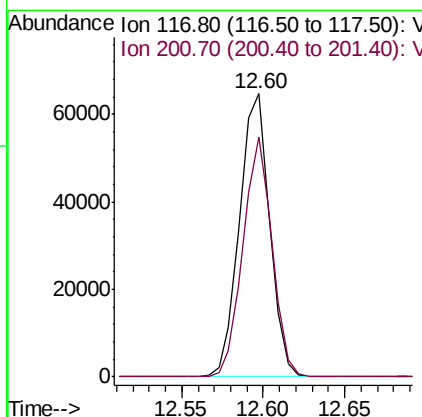
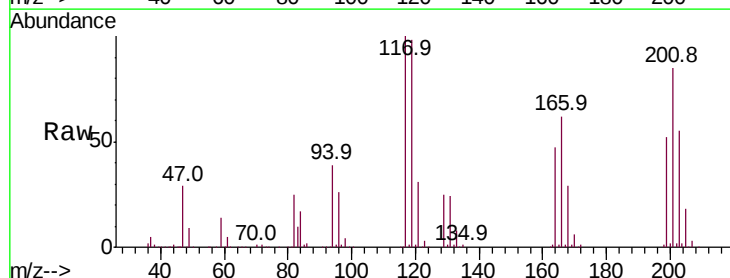
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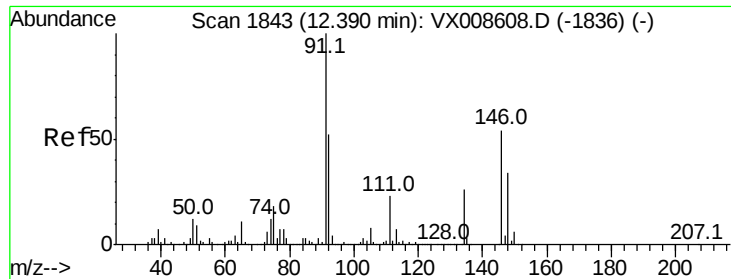
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#90
Hexachloroethane
Concen: 52.675 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.3	40.6	122.0





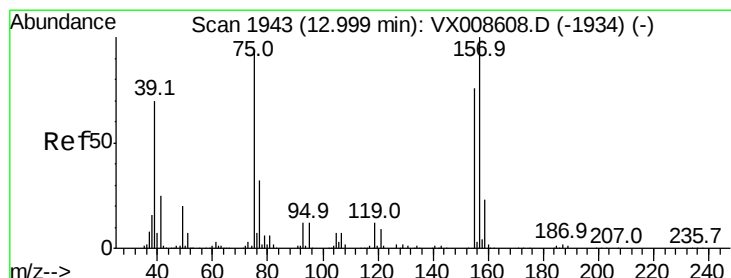
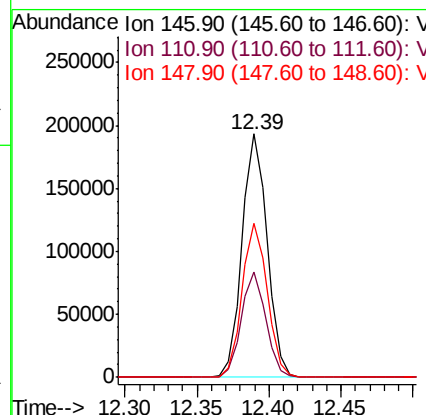
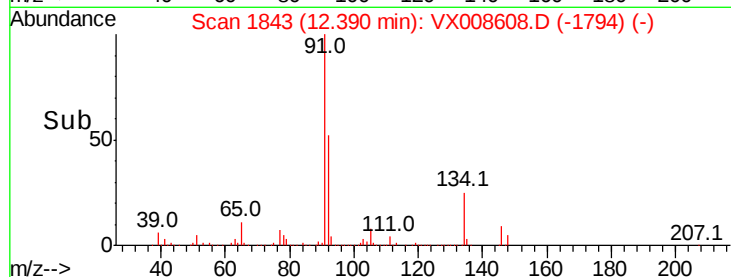
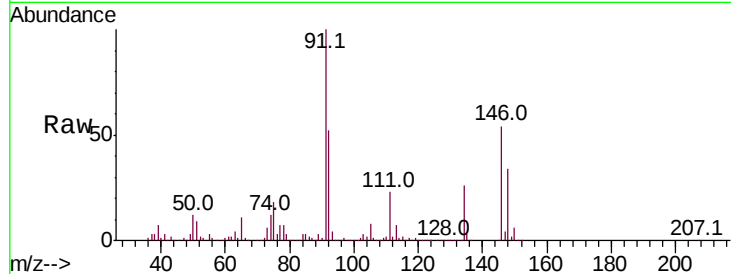
#91
 1,2-Dichlorobenzene
 Concen: 49.301 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	63.4	31.7	95.1

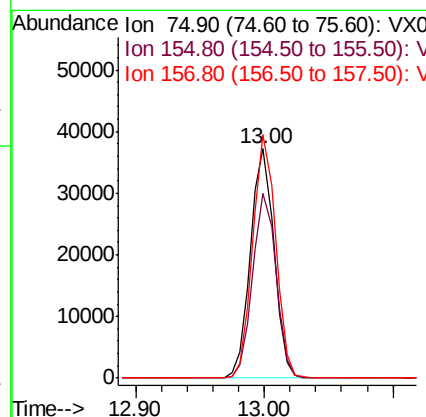
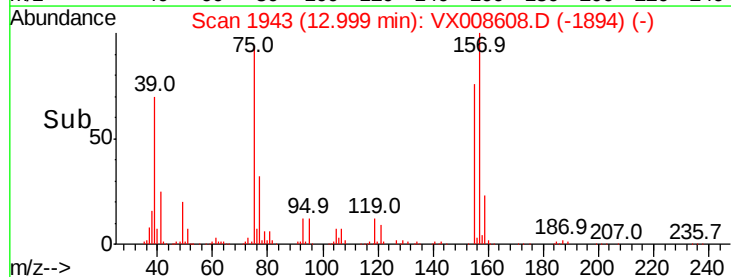
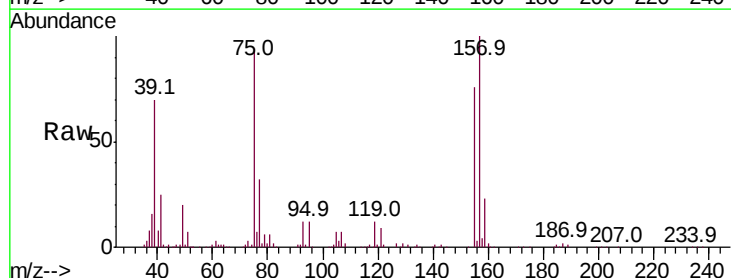
Manual Integrations
 APPROVED

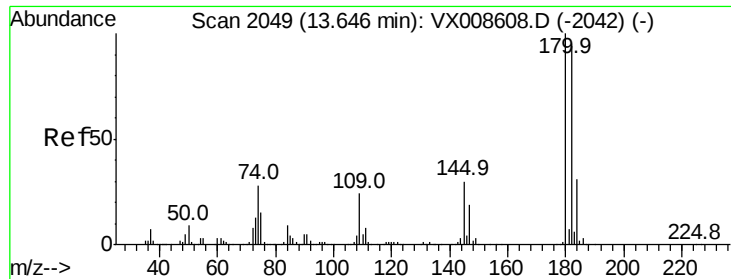
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.952 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.7	39.9	119.6
157	103.1	51.5	154.7





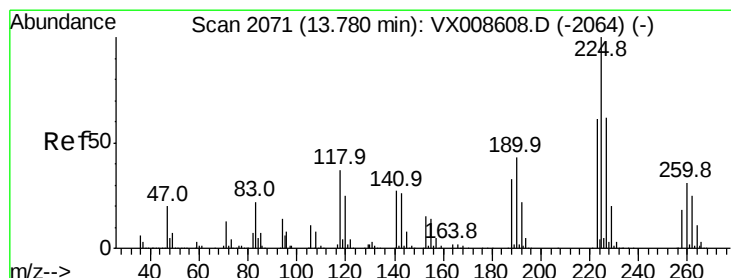
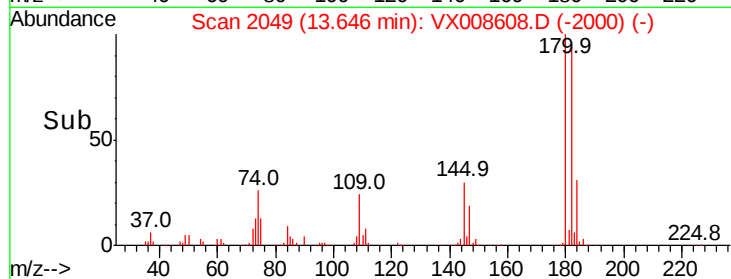
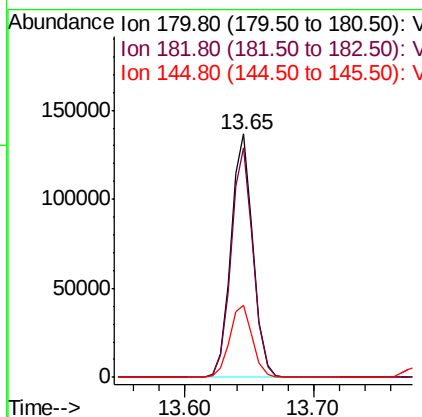
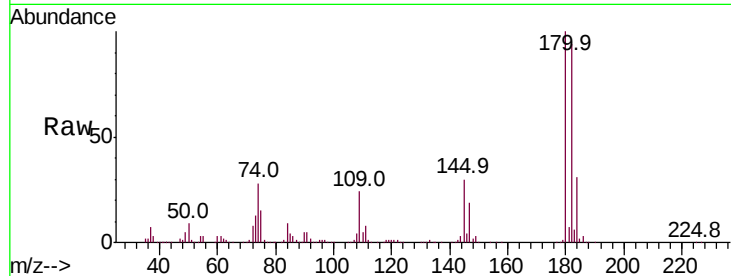
#93
 1,2,4-Trichlorobenzene
 Concen: 49.239 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	163079		
182	94.4	47.2	141.6	
145	30.6	15.3	45.9	

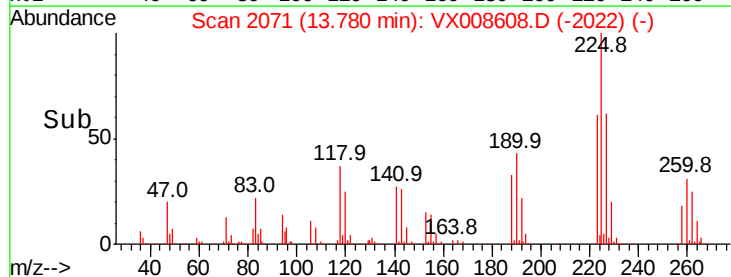
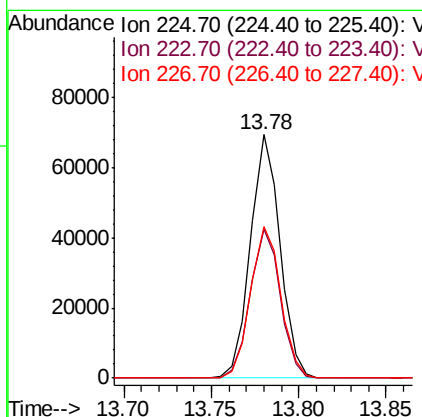
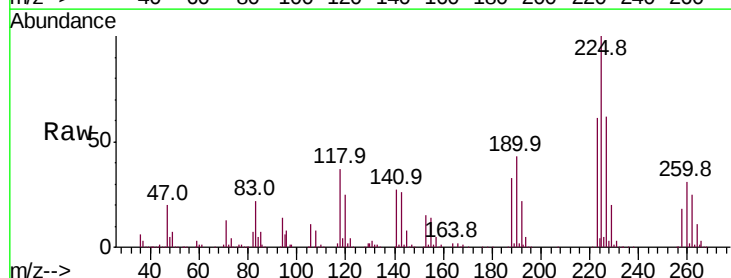
Manual Integrations
 APPROVED

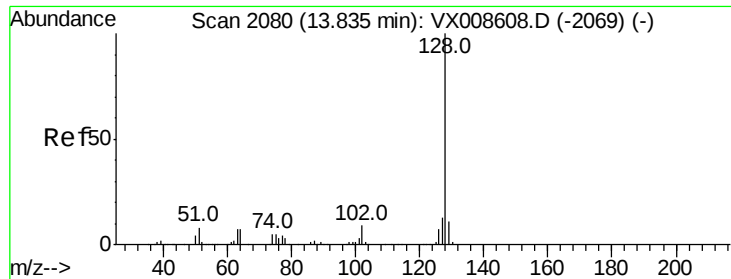
MMDadoda
 4/4/2019 3:38:25 PM



#94
 Hexachlorobutadiene
 Concen: 51.247 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008608.D
 Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81400		
223	62.4	31.2	93.6	
227	63.7	31.9	95.5	





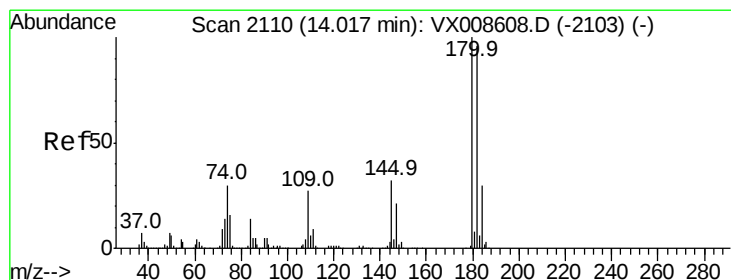
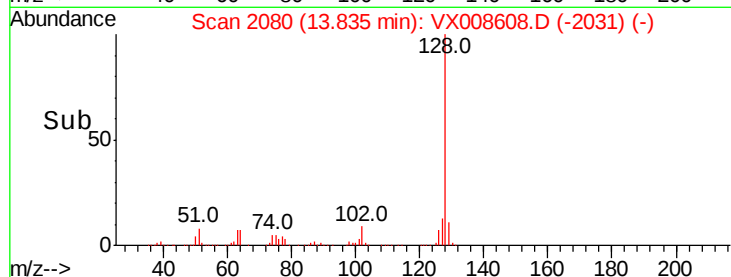
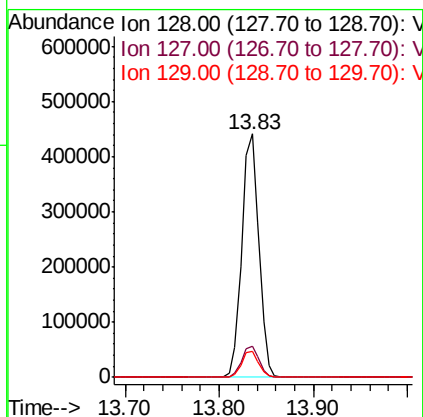
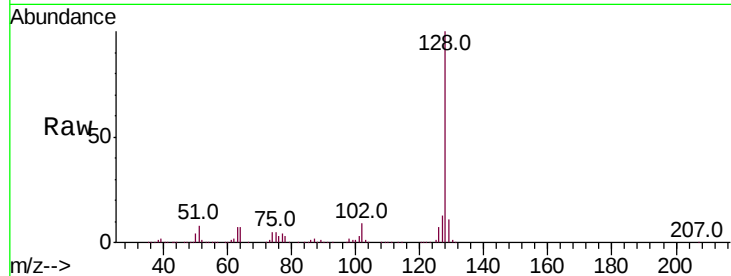
#95
Naphthalene
Concen: 50.154 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	555178		
127	13.0		10.4	15.6
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/4/2019 3:38:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.700 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008608.D
Acq: 03 Apr 2019 10:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	161155		
182	96.2		48.1	144.3
145	32.5		16.3	48.8

