

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011698.D
 Acq On : 20 Aug 2019 21:17
 Operator : JC/SP
 Sample : VX0820WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 9:36:26 AM

Quant Time: Aug 21 00:42:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	299784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	430233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	388045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	218097	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	148638	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
35) Dibromofluoromethane	5.49	113	134576	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	8.71	98	406108	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
62) 4-Bromofluorobenzene	11.13	95	184441	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	62674	21.269	ug/l	99
3) Chloromethane	1.32	50	51149	16.712	ug/l	96
4) Vinyl Chloride	1.40	62	51862	18.759	ug/l	99
5) Bromomethane	1.63	94	31345	25.303	ug/l	99
6) Chloroethane	1.71	64	29451	22.508	ug/l	97
7) Trichlorofluoromethane	1.92	101	83260	21.742	ug/l	97
8) Diethyl Ether	2.18	74	29037	22.105	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52890	19.996	ug/l	99
10) Methyl Iodide	2.50	142	62317	16.539	ug/l	100
11) Tert butyl alcohol	3.04	59	70214	102.947	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50194	19.637	ug/l	99
13) Acrolein	2.29	56	20857	106.725	ug/l	96
14) Allyl chloride	2.72	41	84106	19.780	ug/l	96
15) Acrylonitrile	3.14	53	164718	105.522	ug/l	98
16) Acetone	2.43	43	140100	100.223	ug/l	100
17) Carbon Disulfide	2.56	76	113305	18.812	ug/l	99
18) Methyl Acetate	2.76	43	94442	21.784	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	181746	21.831	ug/l	95
20) Methylene Chloride	2.85	84	58833	20.045	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	54859	20.253	ug/l	97
22) Diisopropyl ether	3.85	45	178193	21.043	ug/l	99
23) Vinyl Acetate	3.81	43	696794	103.912	ug/l	100
24) 1,1-Dichloroethane	3.69	63	99566	20.796	ug/l	98
25) 2-Butanone	4.67	43	227530	103.679	ug/l	96
26) 2,2-Dichloropropane	4.57	77	66702	18.511	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	66683	21.117	ug/l	99
28) Bromochloromethane	5.01	49	41561	19.775	ug/l	99
29) Tetrahydrofuran	5.12	42	135173	93.898	ug/l	96
30) Chloroform	5.20	83	101947	20.177	ug/l	98
31) Cyclohexane	5.57	56	82846	20.098	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	93347	21.486	ug/l	99
36) 1,1-Dichloropropene	5.79	75	73591	20.006	ug/l	100
37) Ethyl Acetate	4.82	43	83243	19.675	ug/l	98
38) Carbon Tetrachloride	5.78	117	78349	19.333	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82838	18.236	ug/l	99
40) Benzene	6.14	78	222962	19.505	ug/l	98
41) Methacrylonitrile	5.03	41	45750	19.647	ug/l	99
42) 1,2-Dichloroethane	6.19	62	84802	21.412	ug/l	99
43) Isopropyl Acetate	6.44	43	129849	19.666	ug/l	99
44) Trichloroethene	7.21	130	65923	19.440	ug/l	98
45) 1,2-Dichloropropane	7.51	63	55505	19.470	ug/l	96
46) Dibromomethane	7.66	93	40248	19.428	ug/l	97
47) Bromodichloromethane	7.90	83	72503	19.061	ug/l	97
48) Methyl methacrylate	7.77	41	61250	18.732	ug/l	96
49) 1,4-Dioxane	7.73	88	35700	410.489	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	404829	93.671	ug/l	99
52) Toluene	8.78	92	136512	18.745	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70819	17.939	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	77574	17.956	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	58351	18.842	ug/l	97
56) Ethyl methacrylate	9.18	69	85263	18.942	ug/l	96
57) 1,3-Dichloropropane	9.37	76	93112	18.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	219427	97.837	ug/l	99
59) 2-Hexanone	9.49	43	313555	94.082	ug/l	99
60) Dibromochloromethane	9.58	129	61333	19.008	ug/l	97
61) 1,2-Dibromoethane	9.67	107	63254	19.138	ug/l	98
64) Tetrachloroethene	9.34	164	60487	18.998	ug/l	96
65) Chlorobenzene	10.13	112	163752	19.785	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	62402	20.172	ug/l	99
67) Ethyl Benzene	10.25	91	276061	19.986	ug/l	97
68) m/p-Xylenes	10.36	106	210335	39.670	ug/l	96
69) o-Xylene	10.69	106	105385	20.291	ug/l	100
70) Styrene	10.71	104	174632	19.974	ug/l	97
71) Bromoform	10.85	173	49430	18.652	ug/l #	100
73) Isopropylbenzene	11.02	105	289835	20.480	ug/l	100
74) N-amyl acetate	10.90	43	109291	18.172	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	95461	19.609	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	82817m	20.025	ug/l	
77) Bromobenzene	11.25	156	83799	19.903	ug/l	99
78) n-propylbenzene	11.36	91	311891	20.438	ug/l	100
79) 2-Chlorotoluene	11.42	91	191356	20.421	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	245382	20.641	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22977	18.186	ug/l	94
82) 4-Chlorotoluene	11.51	91	217742	20.029	ug/l	99
83) tert-Butylbenzene	11.77	119	245269	20.257	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	245798	20.595	ug/l	100
85) sec-Butylbenzene	11.94	105	278111	20.359	ug/l	100
86) p-Isopropyltoluene	12.06	119	261794	20.371	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	142084	19.632	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	142239	19.391	ug/l	98
89) n-Butylbenzene	12.38	91	207237	19.614	ug/l	99
90) Hexachloroethane	12.59	117	39134	19.283	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	145584	20.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21010	18.864	ug/l	96

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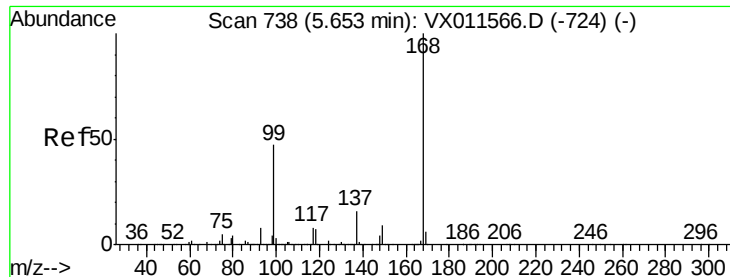
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	101191	18.694	ug/l	99
94) Hexachlorobutadiene	13.78	225	54115	18.359	ug/l	98
95) Naphthalene	13.83	128	306558	20.033	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107199	19.634	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion:168 Resp: 299784

Ion Ratio Lower Upper

168 100

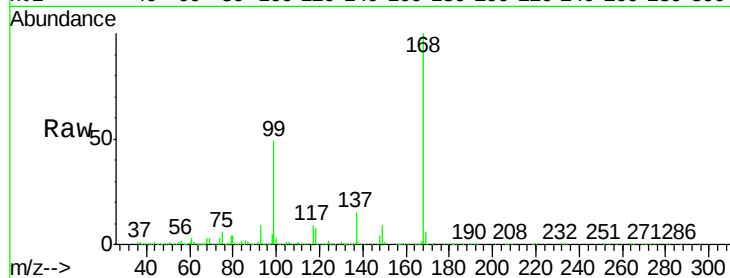
99 48.6 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

120000

100000

80000

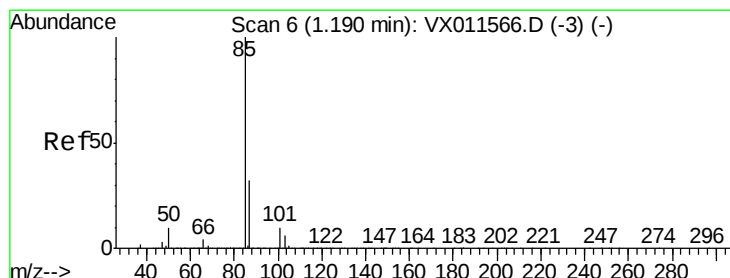
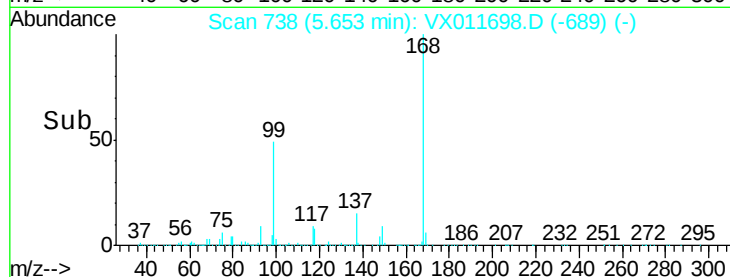
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.269 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011698.D

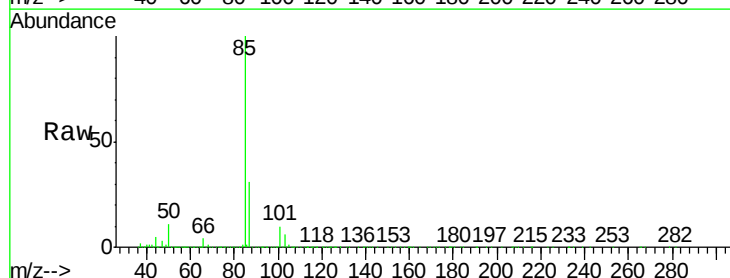
Acq: 20 Aug 2019 21:17

Tgt Ion: 85 Resp: 62674

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

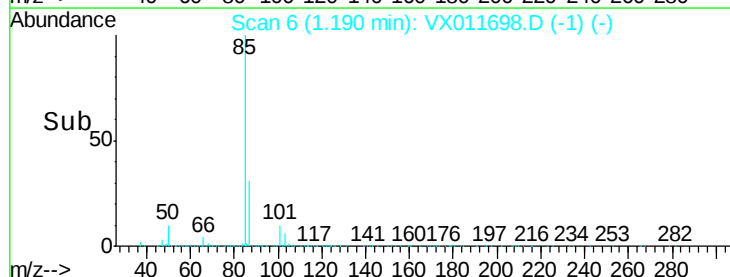
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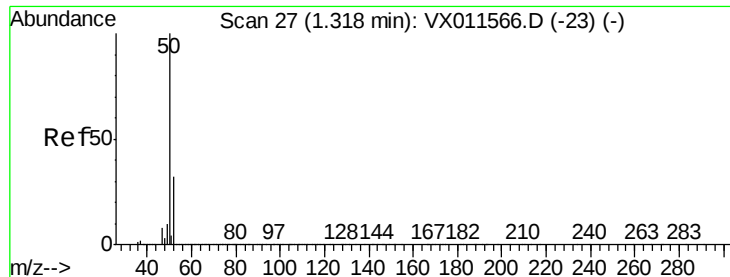
40000

20000

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Time-->





#3

Chloromethane

Concen: 16.712 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 50 Resp: 51149

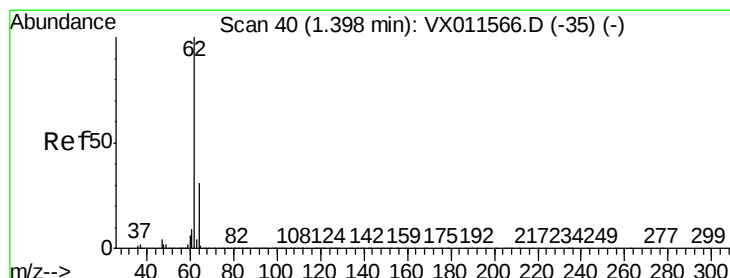
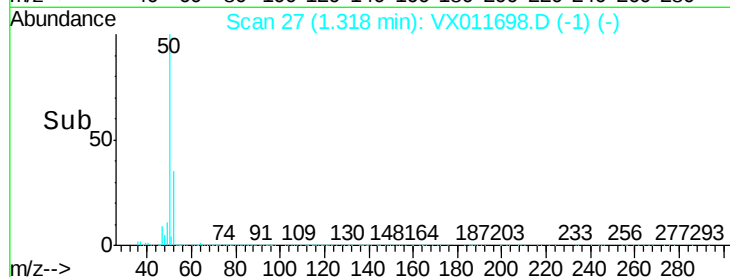
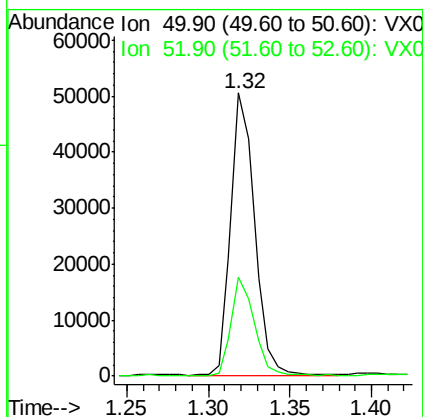
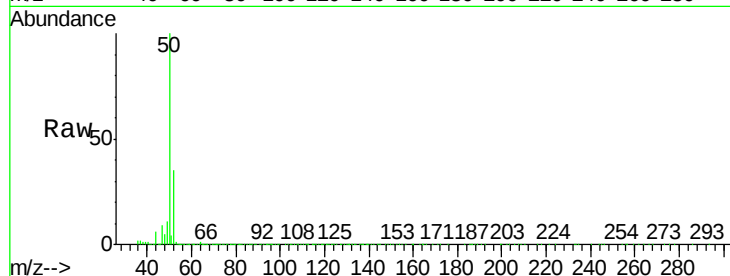
Ion Ratio Lower Upper

50 100

52 34.9 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.759 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011698.D

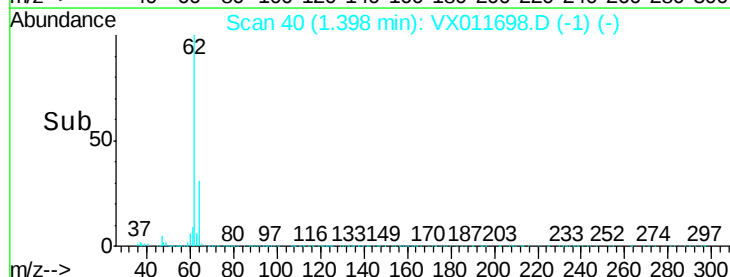
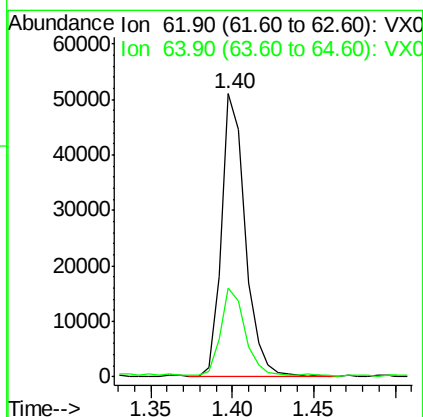
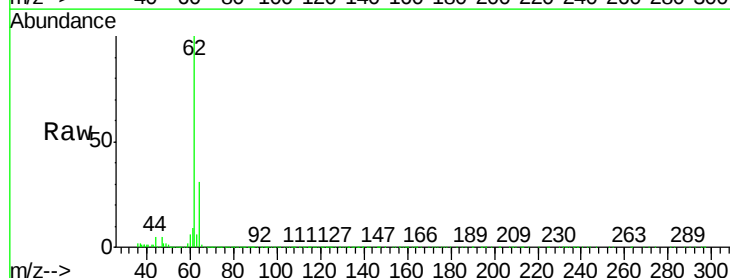
Acq: 20 Aug 2019 21:17

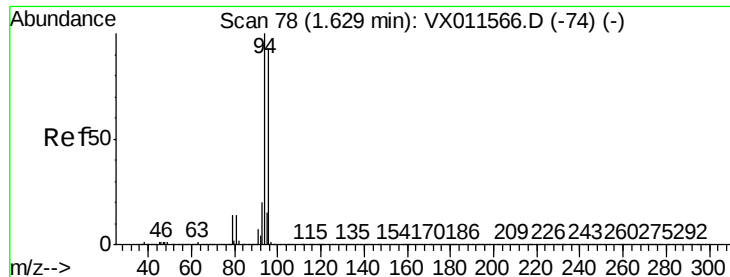
Tgt Ion: 62 Resp: 51862

Ion Ratio Lower Upper

62 100

64 30.9 25.0 37.4





#5

Bromomethane

Concen: 25.303 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 94 Resp: 31345

Ion Ratio Lower Upper

94 100

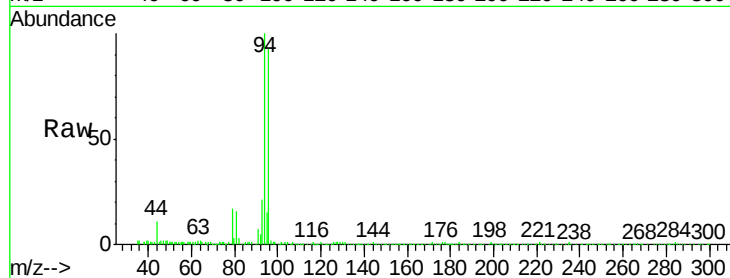
96 93.0 74.8 112.2

Manual Integrations

APPROVED

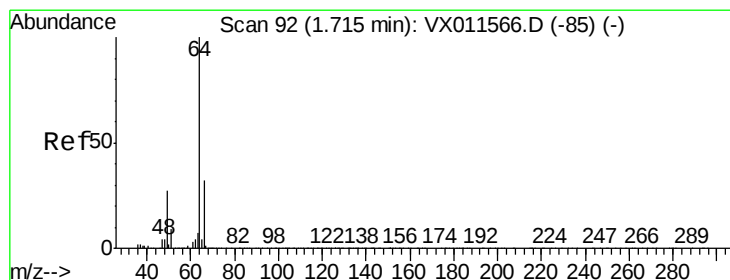
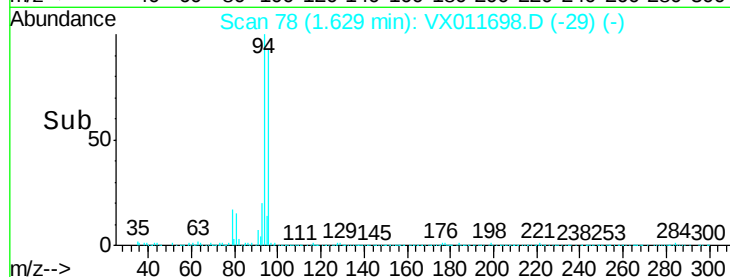
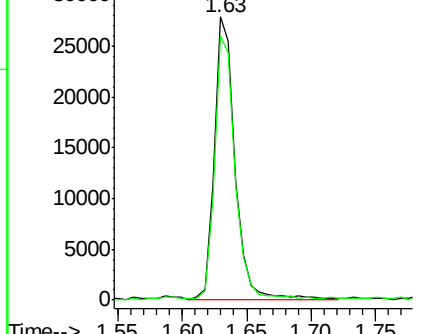
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.508 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011698.D

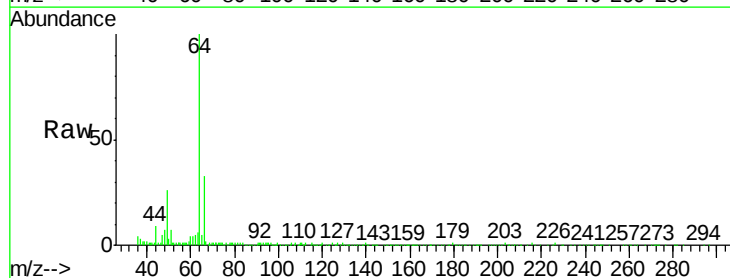
Acq: 20 Aug 2019 21:17

Tgt Ion: 64 Resp: 29451

Ion Ratio Lower Upper

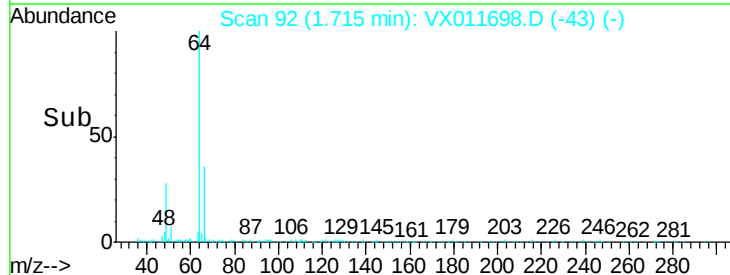
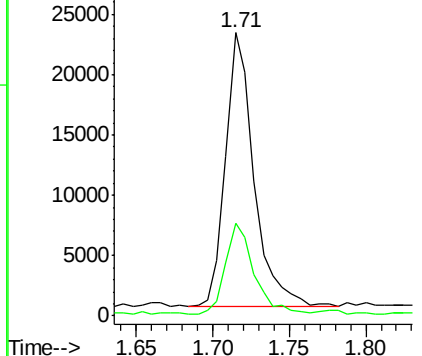
64 100

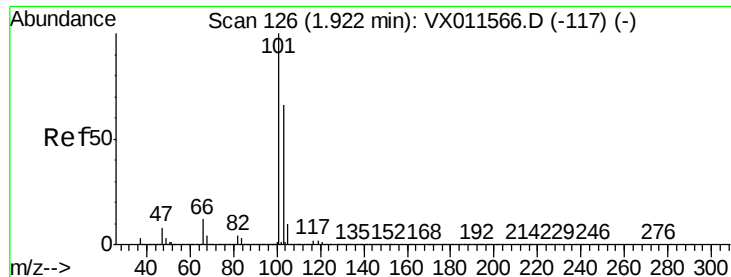
66 33.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

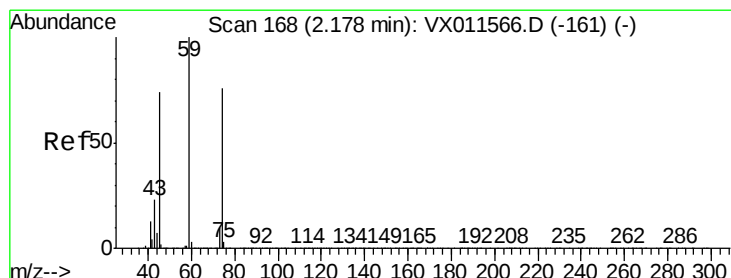
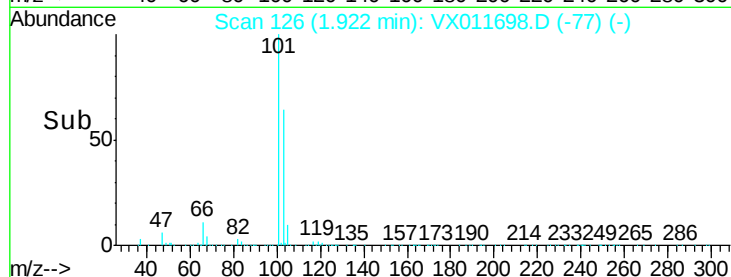
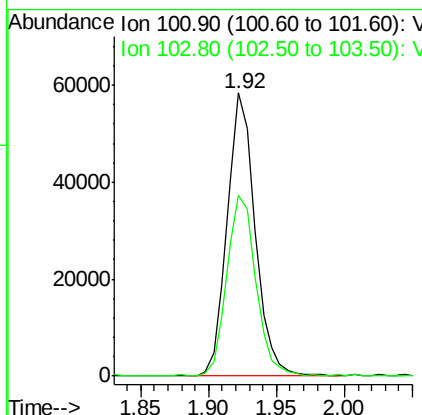
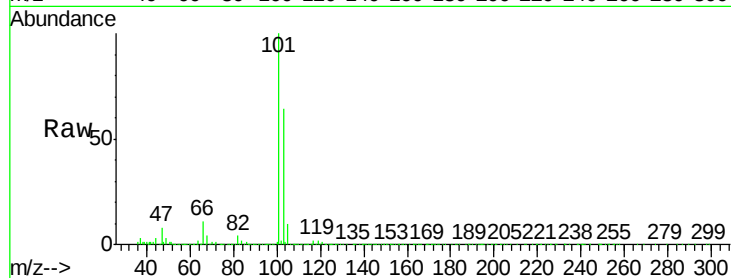
Trichlorofluoromethane
Concen: 21.742 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	83260		
103	63.9	52.9	79.3	

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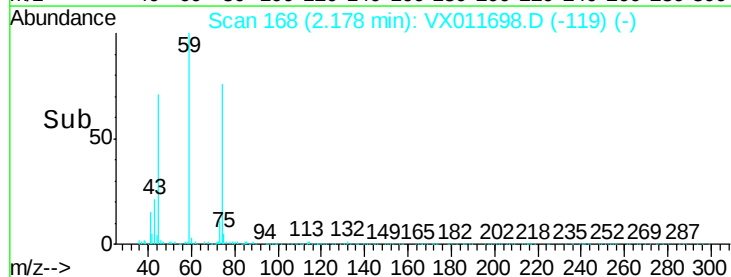
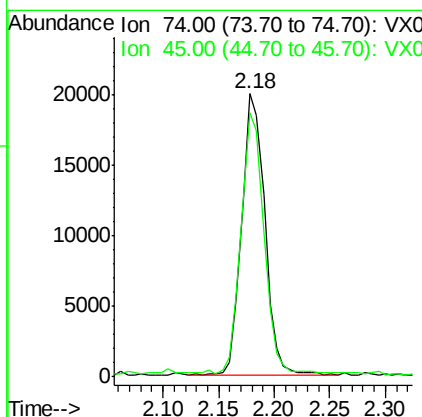
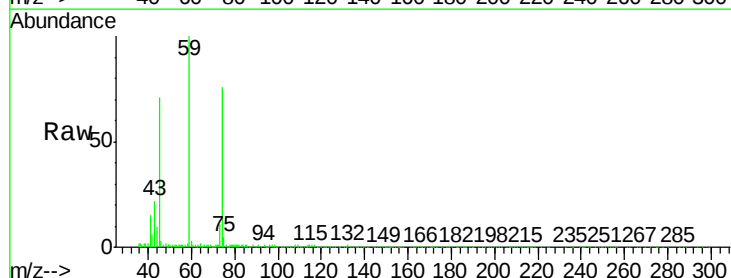
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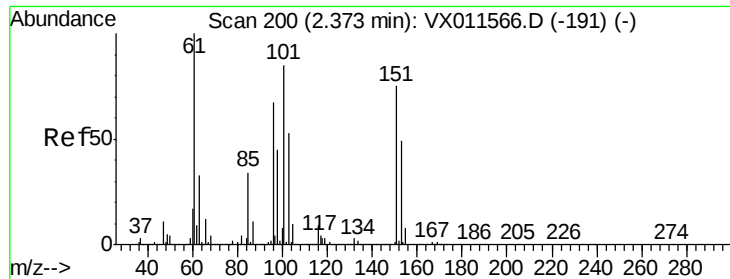


#8

Diethyl Ether
Concen: 22.105 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	29037		
45	90.7	48.2	144.6	





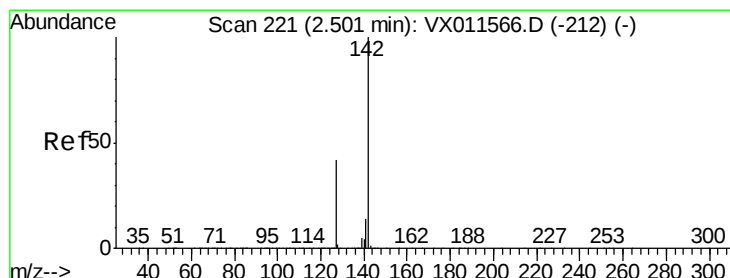
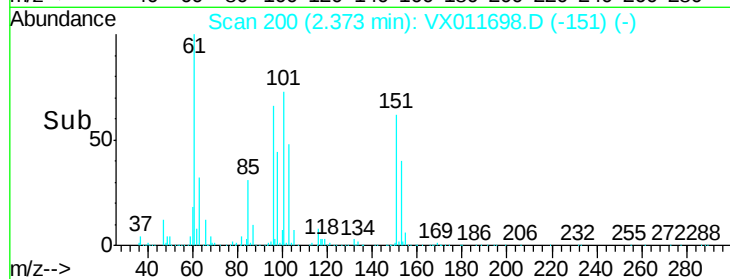
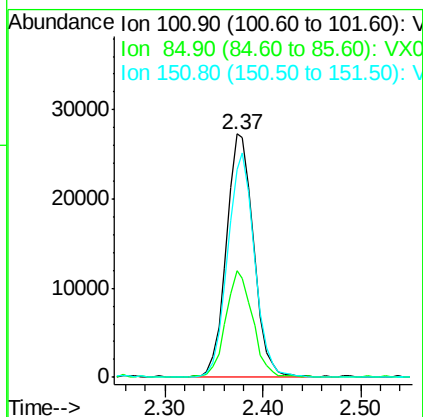
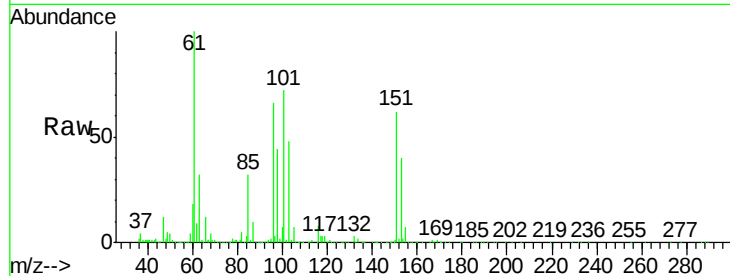
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.996 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	52890		
85	43.4	33.0	49.4	
151	91.2	73.3	109.9	

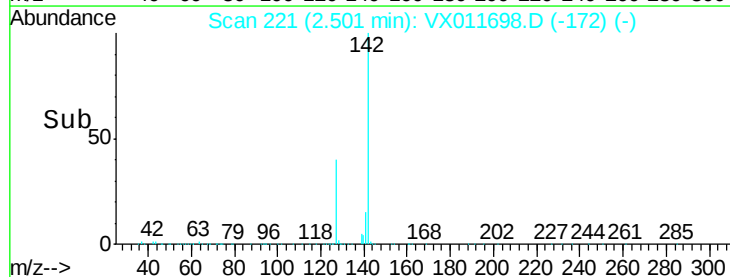
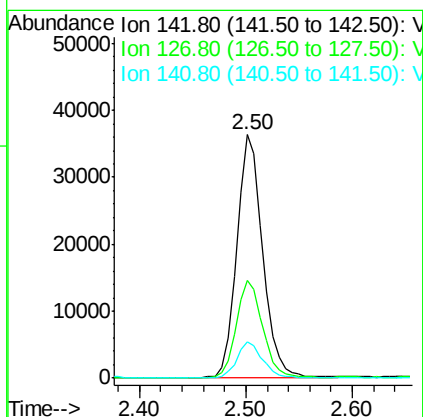
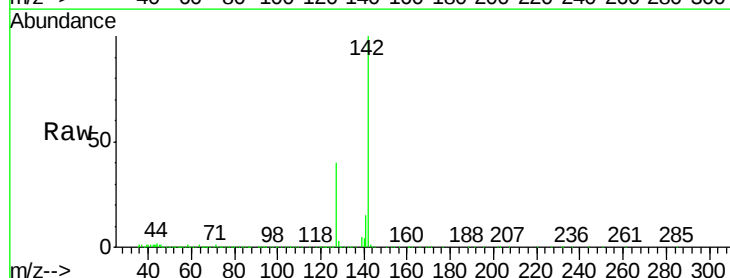
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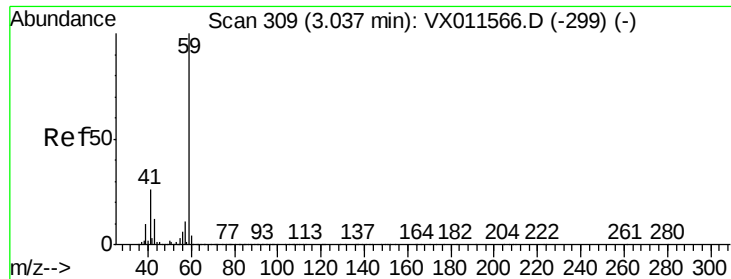
MMDadoda
8/21/2019 9:36:26 AM



#10
Methyl Iodide
Concen: 16.539 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	62317		
127	41.0	32.8	49.2	
141	14.8	11.4	17.2	





#11

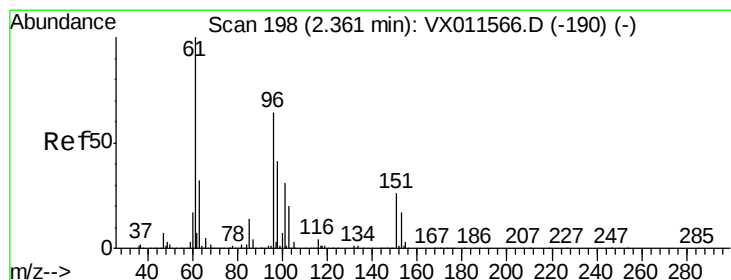
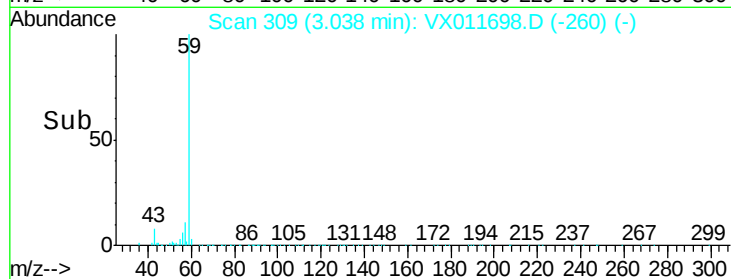
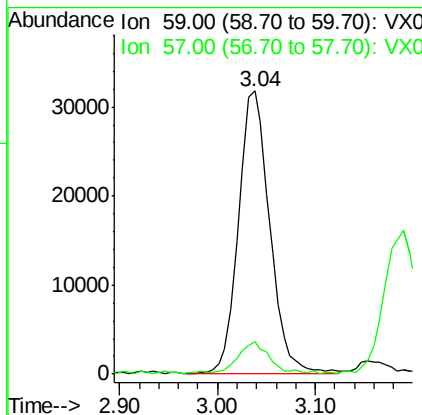
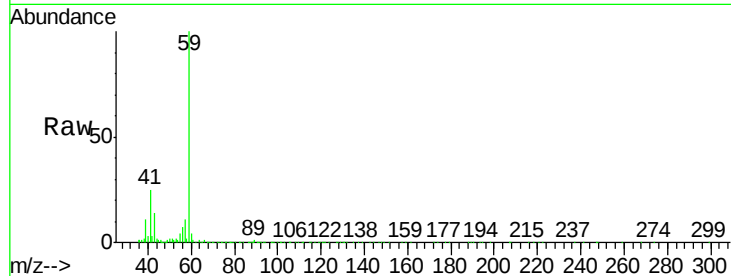
Tert butyl alcohol
Concen: 102.947 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.7	13.1

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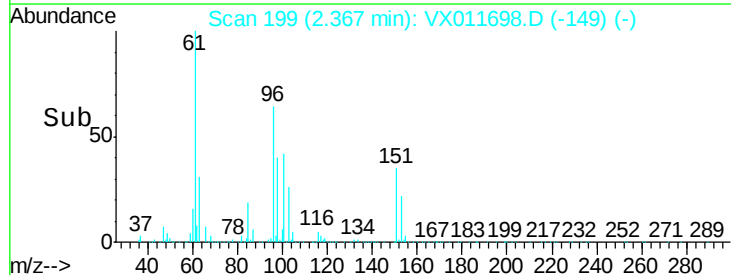
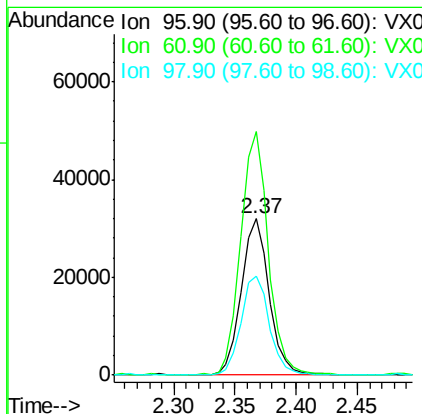
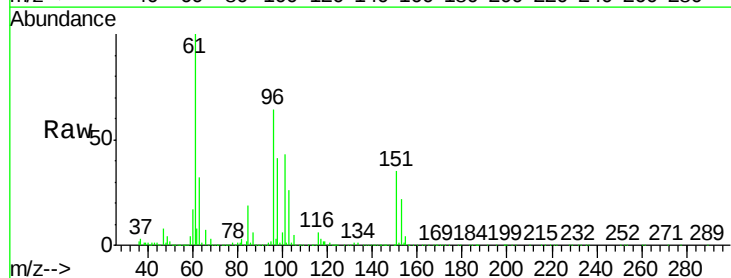
MMDadoda
8/21/2019 9:36:26 AM

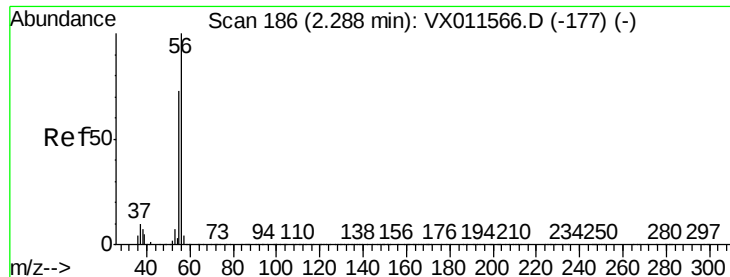


#12

1,1-Dichloroethene
Concen: 19.637 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	125.0	187.4
98	63.3	51.5	77.3





#13

Acrolein

Concen: 106.725 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 56 Resp: 20857

Ion Ratio Lower Upper

56 100

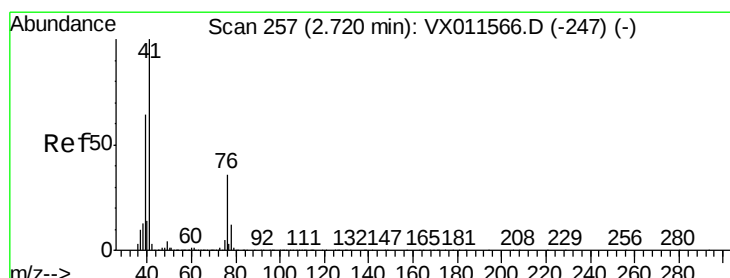
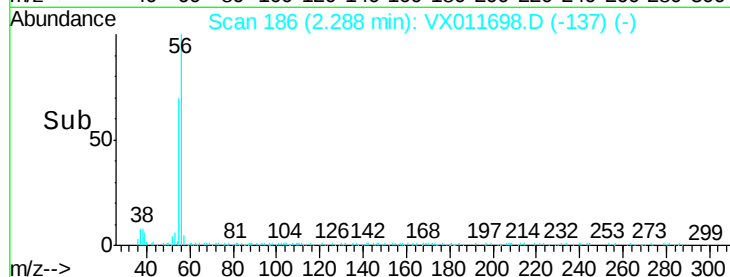
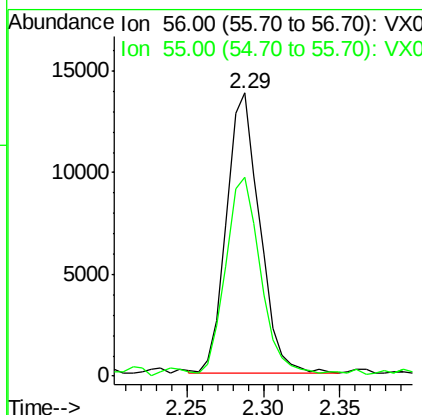
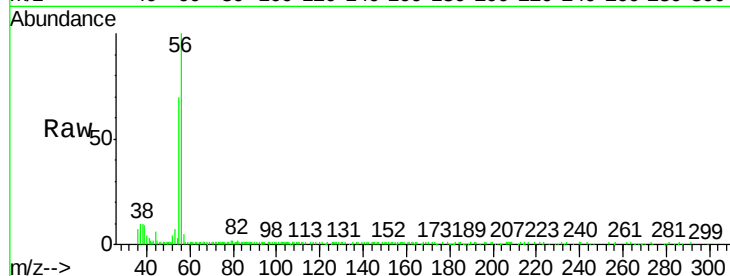
55 72.8 55.5 83.3

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#14

Allyl chloride

Concen: 19.780 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

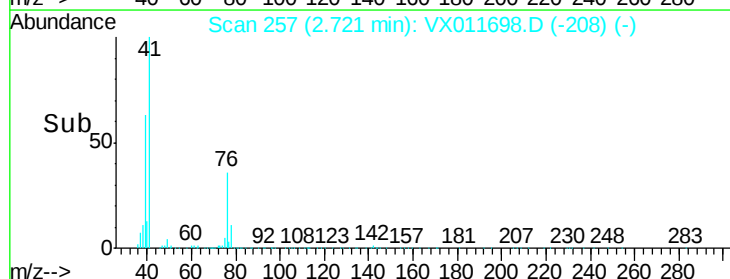
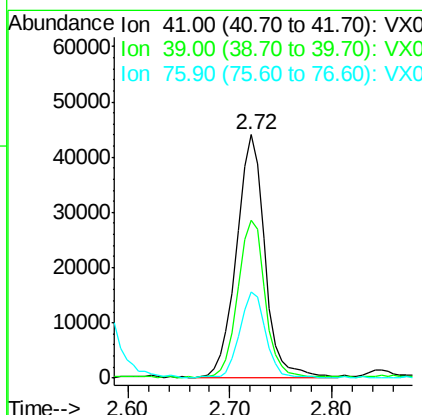
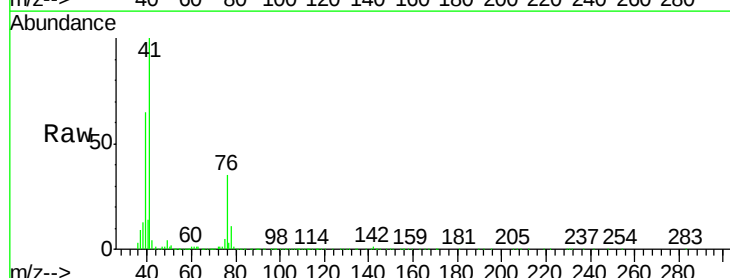
Tgt Ion: 41 Resp: 84106

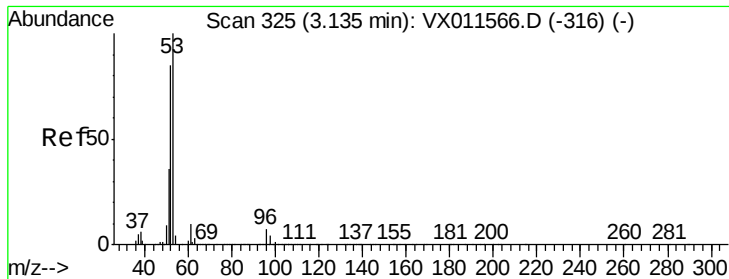
Ion Ratio Lower Upper

41 100

39 63.3 47.5 71.3

76 32.2 26.3 39.5





#15

Acrylonitrile

Concen: 105.522 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

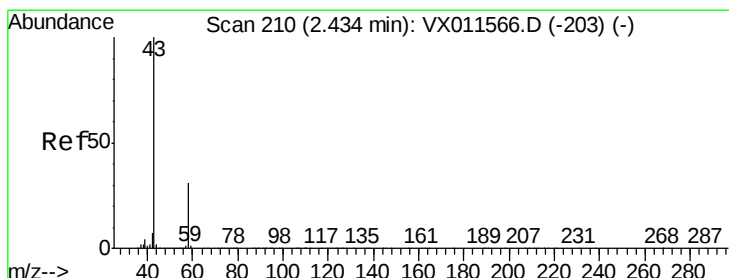
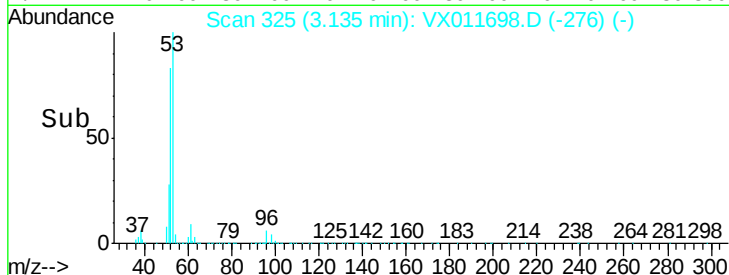
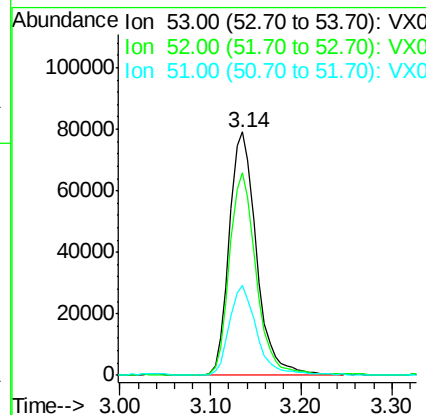
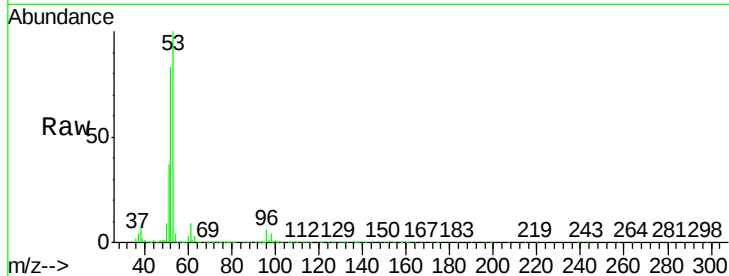
ClientSampleId :

VX0820WBSD02

Tot Ion:	53	Resp:	164718
Ion Ratio	Lower	Upper	
53	100		
52	81.3	66.7	100.1
51	36.9	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 100.223 ug/l

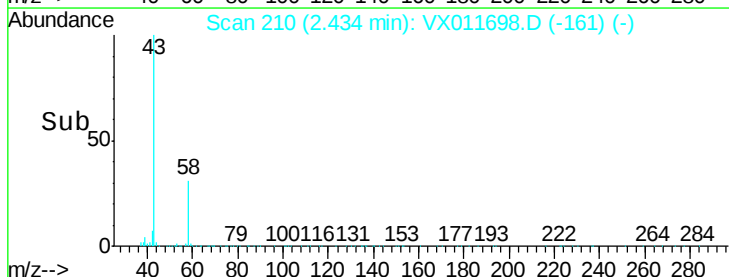
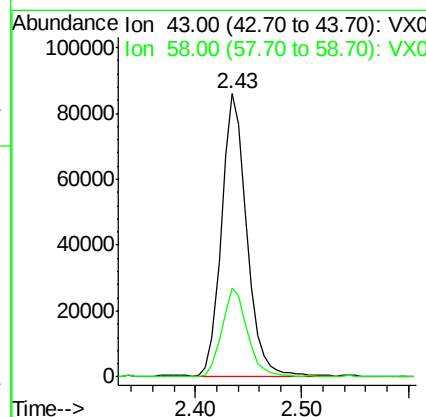
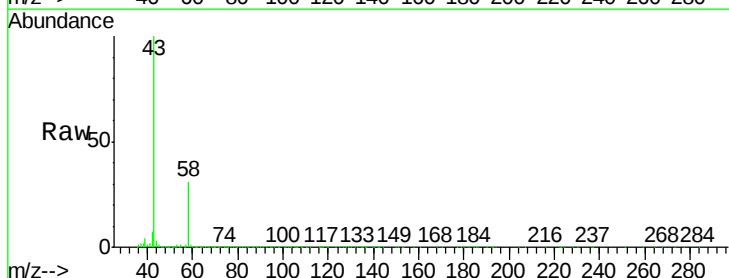
RT: 2.43 min Scan# 210

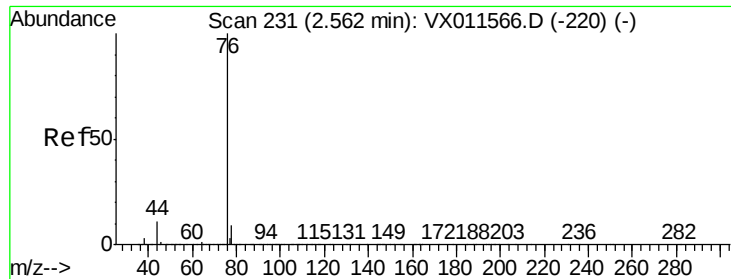
Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion:	43	Resp:	140100
Ion Ratio	Lower	Upper	
43	100		
58	31.3	25.2	37.8





#17

Carbon Disulfide

Concen: 18.812 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 76 Resp: 113305

Ion Ratio Lower Upper

76 100

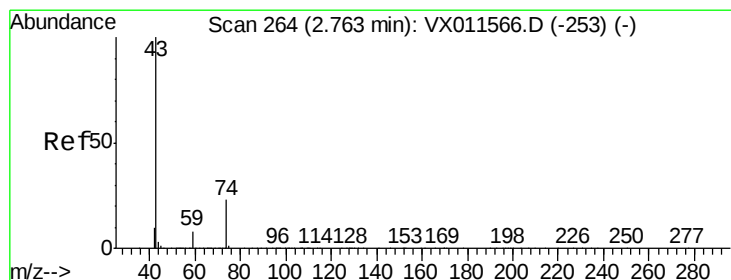
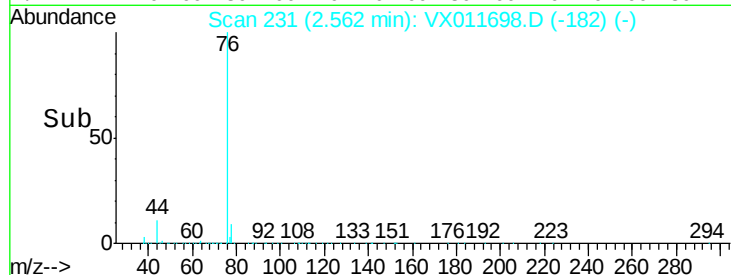
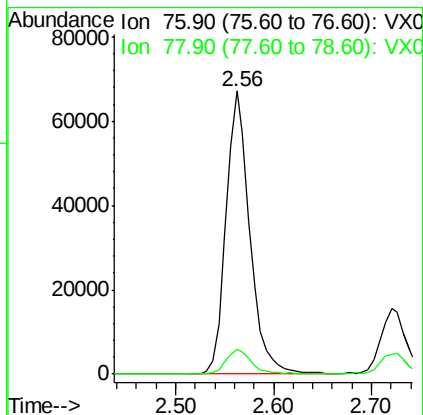
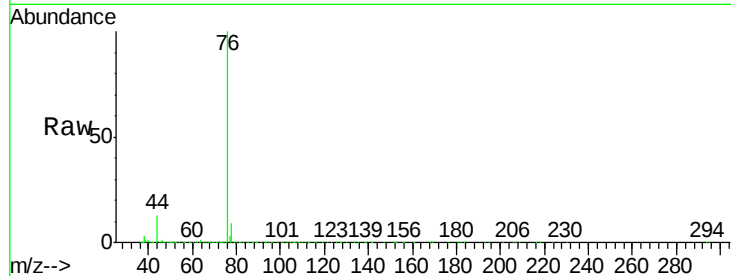
78 8.7 7.2 10.8

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#18

Methyl Acetate

Concen: 21.784 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011698.D

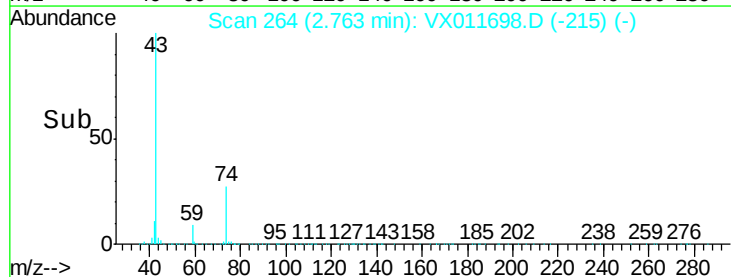
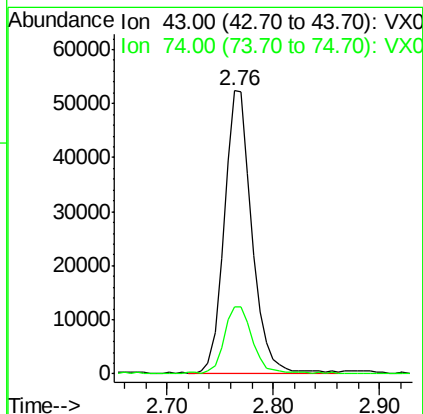
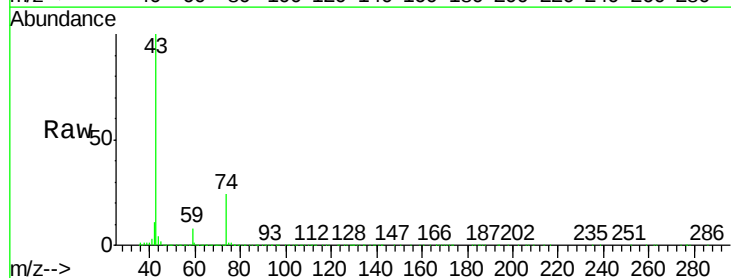
Acq: 20 Aug 2019 21:17

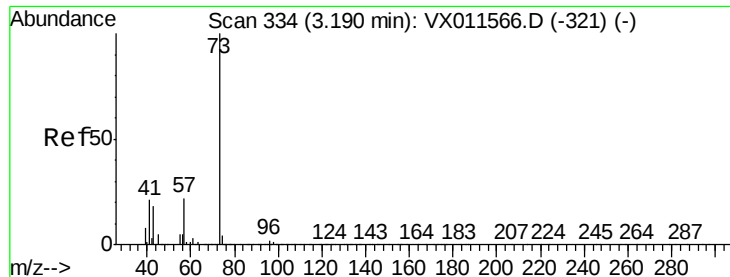
Tgt Ion: 43 Resp: 94442

Ion Ratio Lower Upper

43 100

74 24.4 19.7 29.5





#19

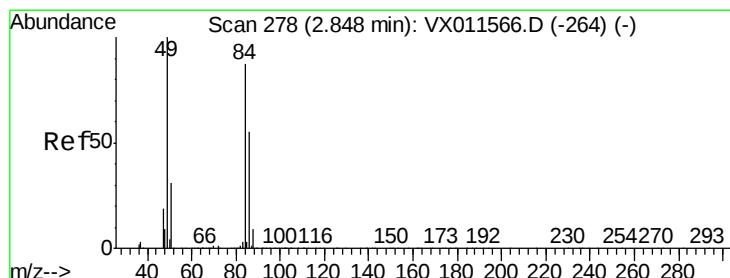
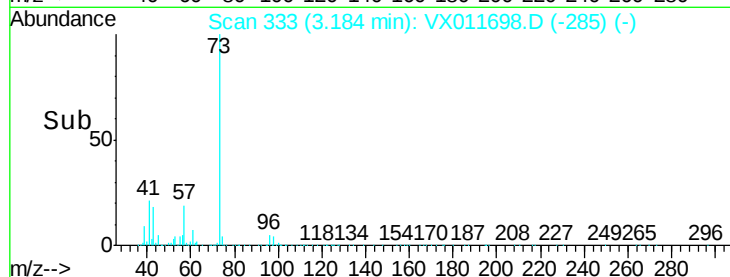
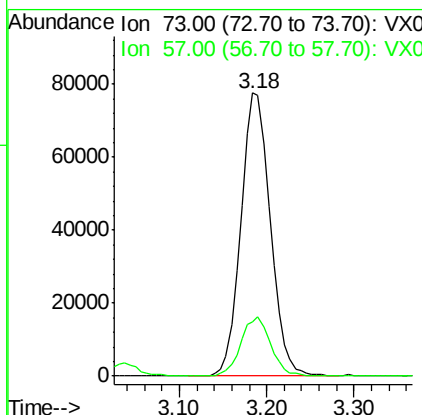
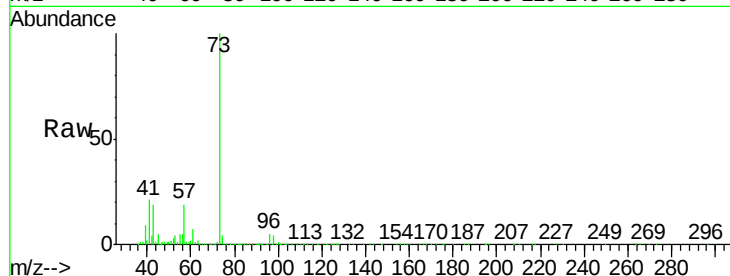
Methyl tert-butyl Ether
 Concen: 21.831 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	19.2	17.2	25.8

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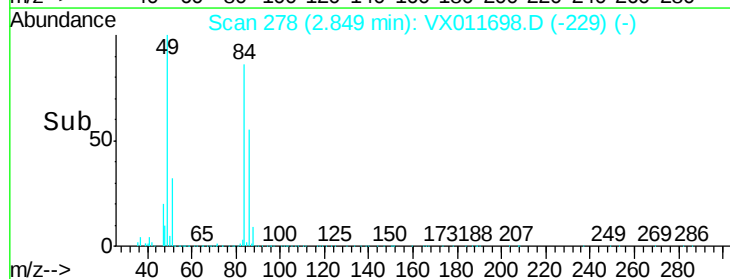
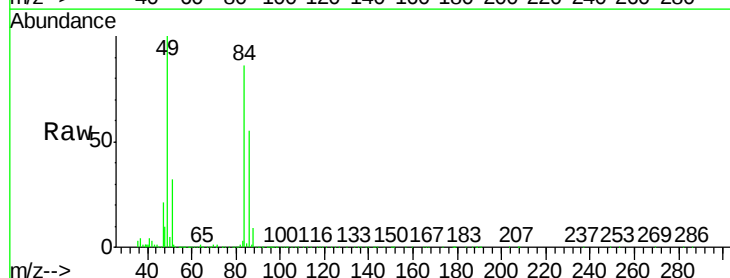
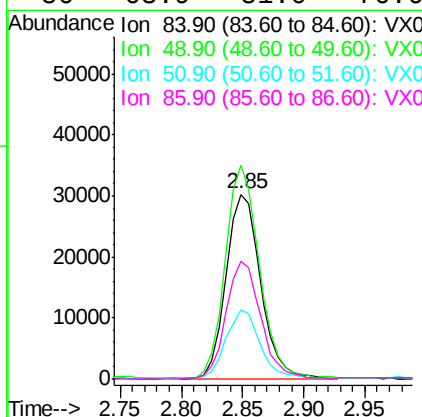
MMDadoda
 8/21/2019 9:36:26 AM

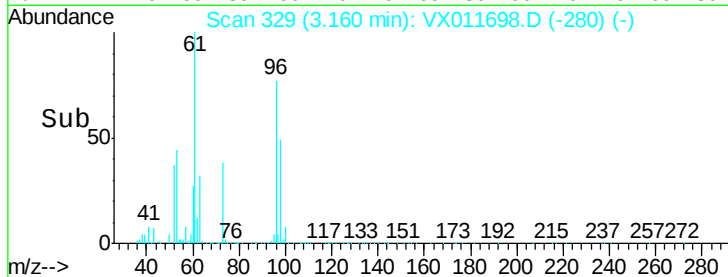
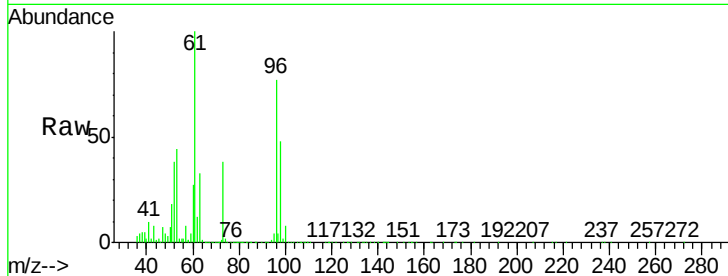
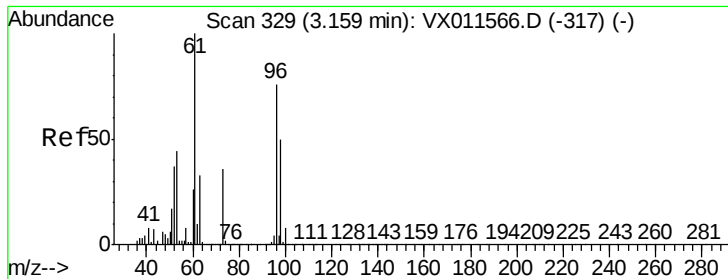


#20

Methylene Chloride
 Concen: 20.045 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	115.9	92.4	138.6
51	51	37.0	28.5	42.7
86	86	63.9	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 20.253 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011698.D

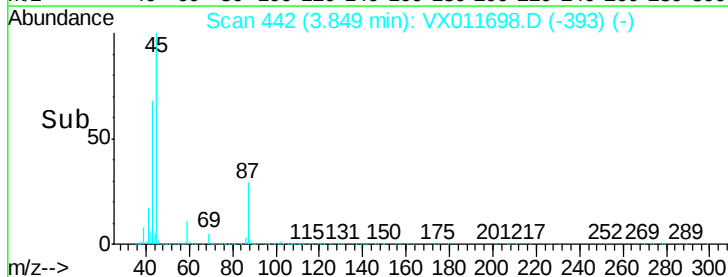
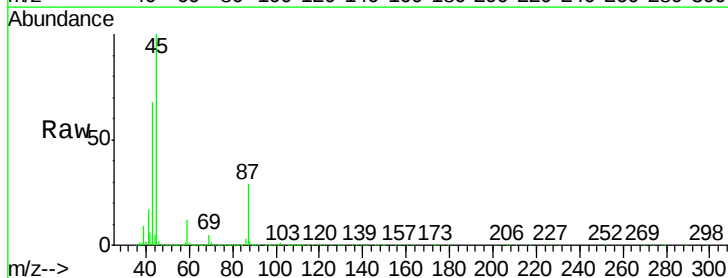
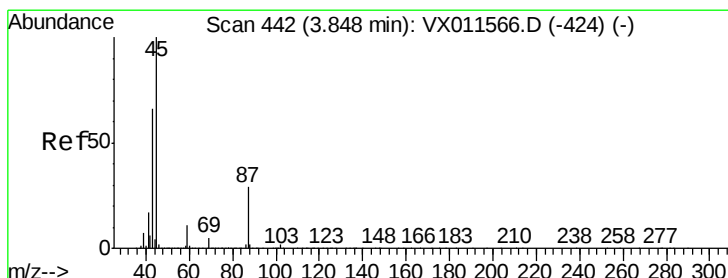
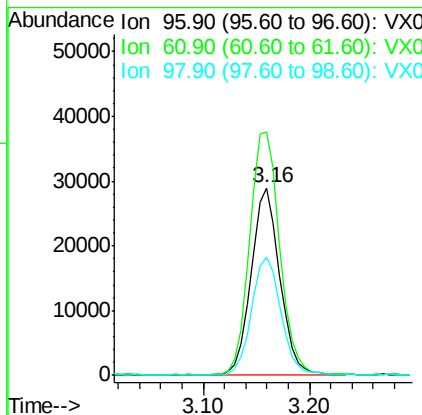
Acq: 20 Aug 2019 21:17

Tot Ion:	96	Resp:	54859
Ion	Ratio	Lower	Upper
96	100		
61	128.9	105.5	158.3
98	62.8	52.6	78.8

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

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#22

Diisopropyl ether

Concen: 21.043 ug/l

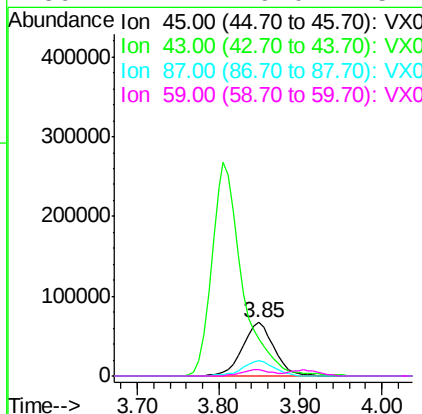
RT: 3.85 min Scan# 442

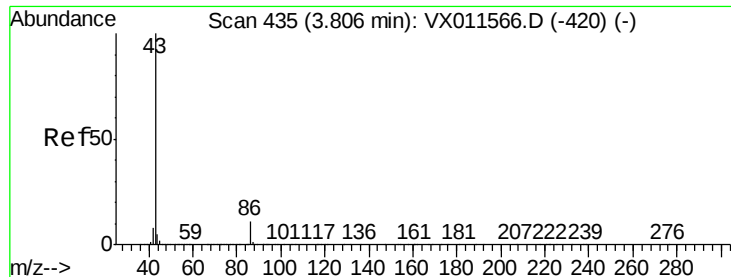
Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion:	45	Resp:	178193
Ion	Ratio	Lower	Upper
45	100		
43	67.0	52.7	79.1
87	29.1	23.5	35.3
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 103.912 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 43 Resp: 696794

Ion Ratio Lower Upper

43 100

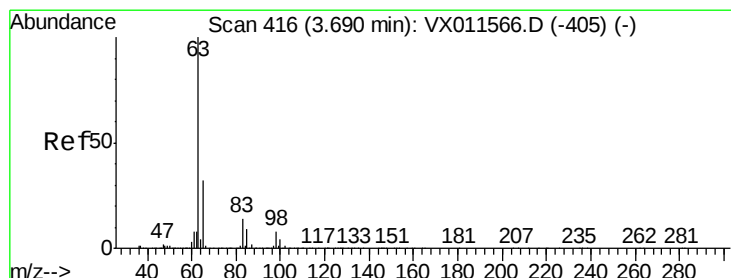
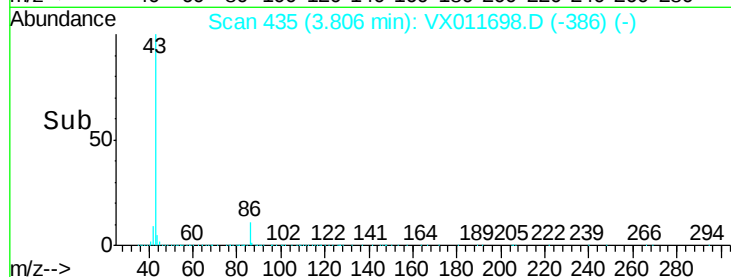
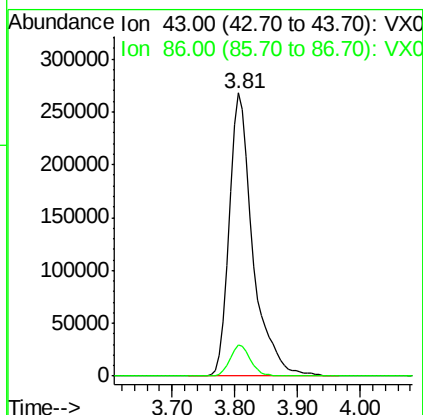
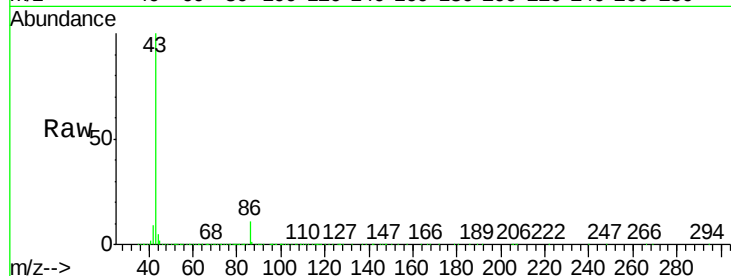
86 11.0 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.796 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

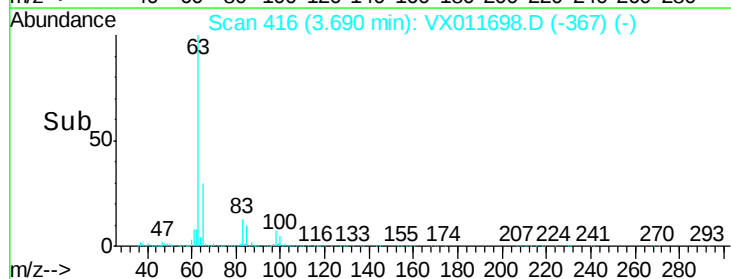
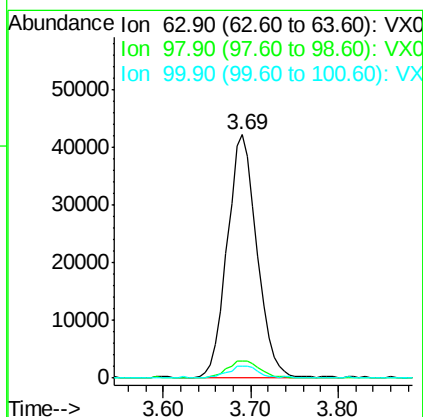
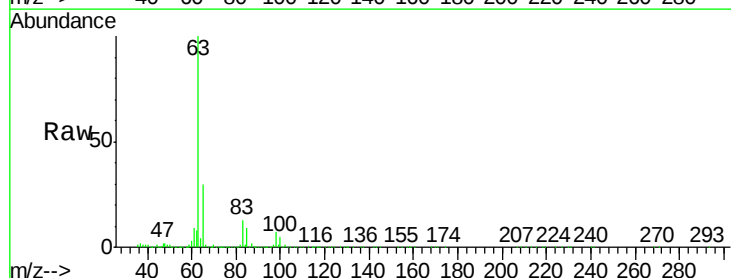
Tgt Ion: 63 Resp: 99566

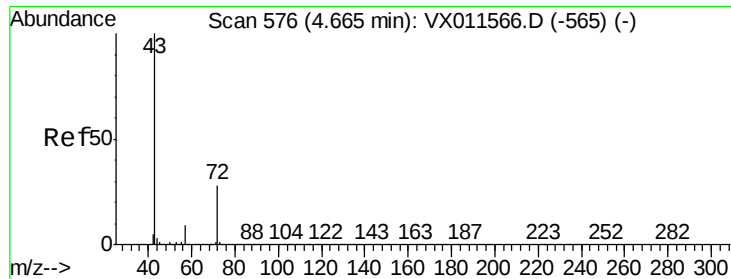
Ion Ratio Lower Upper

63 100

98 6.6 3.7 11.1

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 103.679 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 43 Resp: 227530

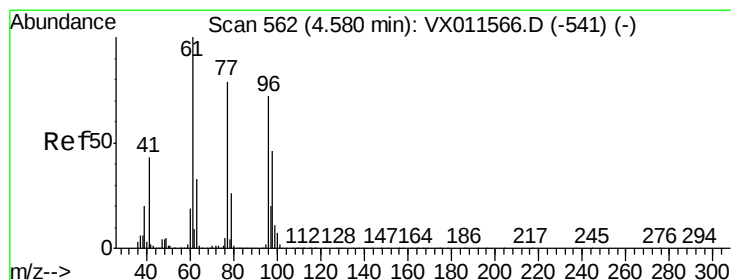
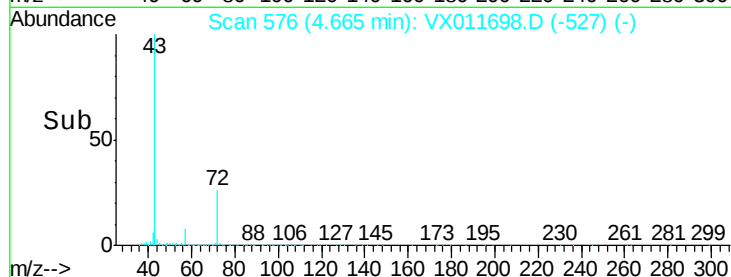
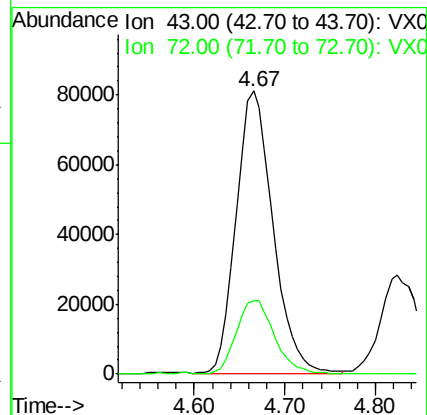
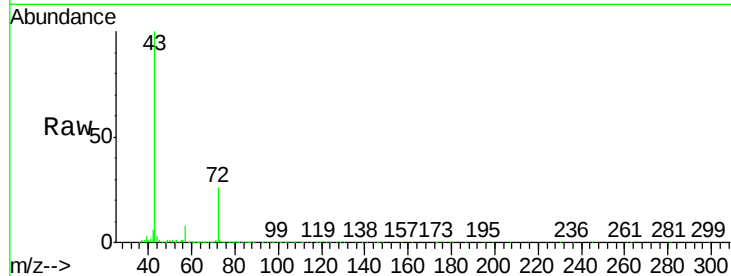
Ion Ratio Lower Upper

43 100

72 25.9 22.2 33.4

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#26

2,2-Dichloropropane

Concen: 18.511 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011698.D

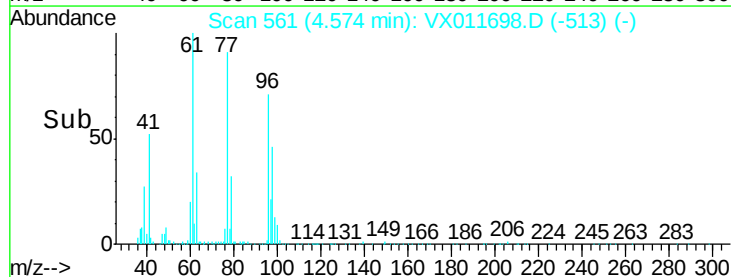
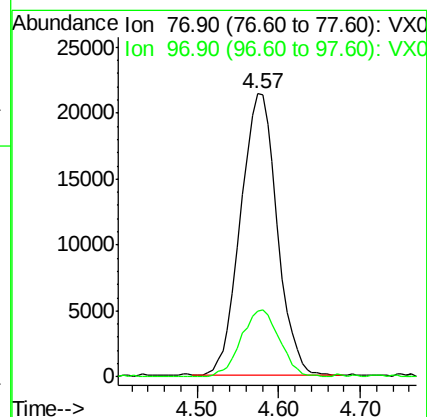
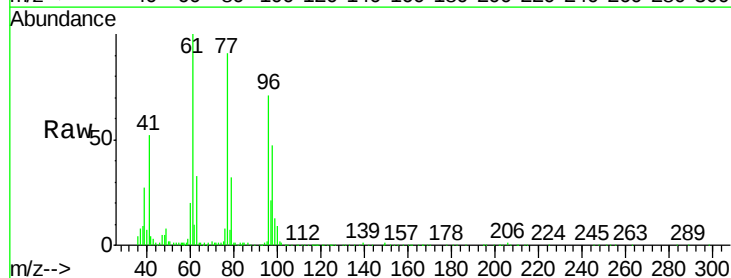
Acq: 20 Aug 2019 21:17

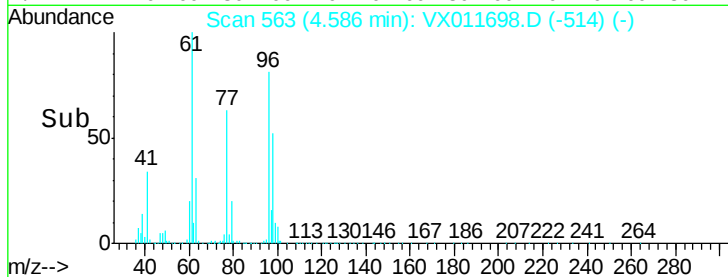
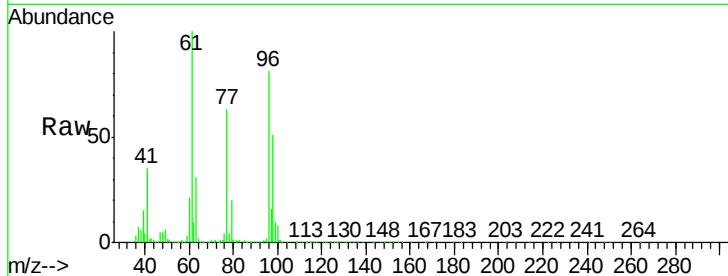
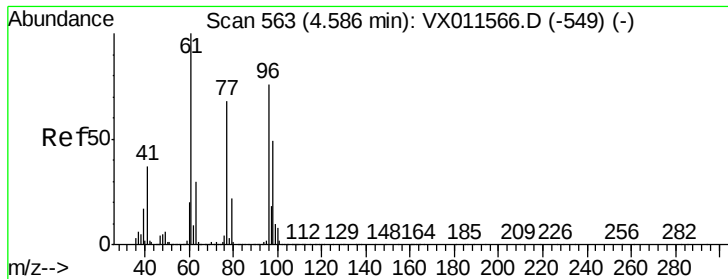
Tgt Ion: 77 Resp: 66702

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.2





#27

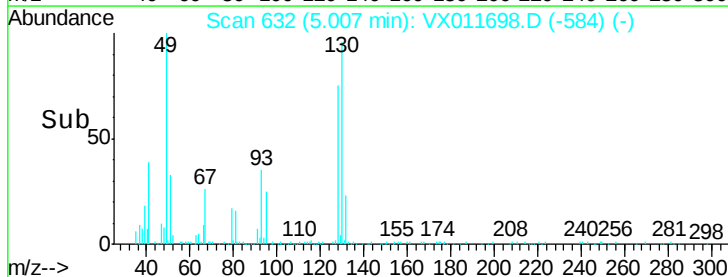
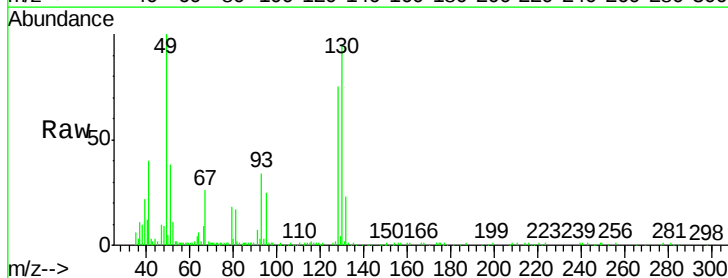
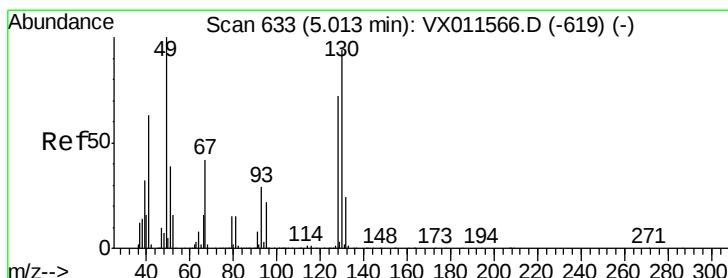
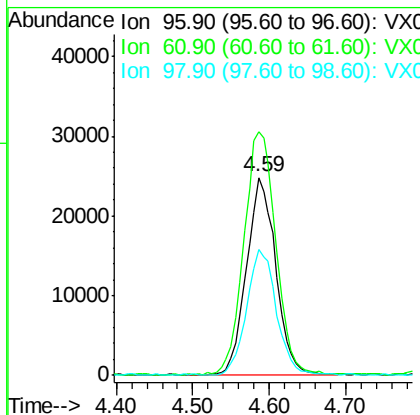
cis-1,2-Dichloroethene
Concen: 21.117 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tot Ion	Ratio	Resp	Lower	Upper
96	100	66683		
61	134.6	0.0	272.6	
98	65.0	0.0	129.4	

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Manual Integrations
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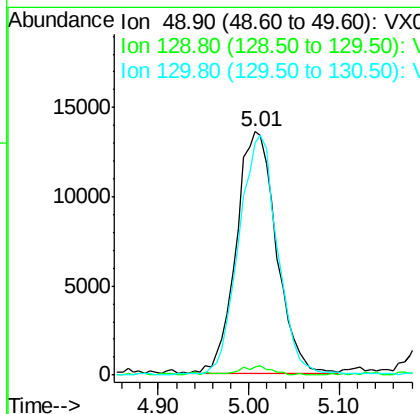
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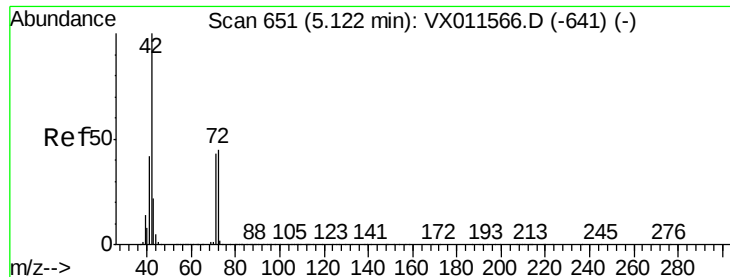


#28

Bromochloromethane
Concen: 19.775 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	41561		
129	2.9	0.0	5.0	
130	96.3	76.6	115.0	





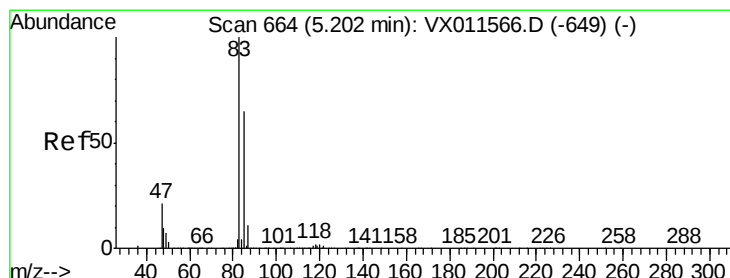
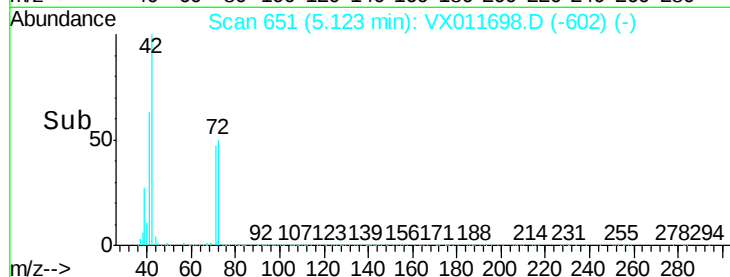
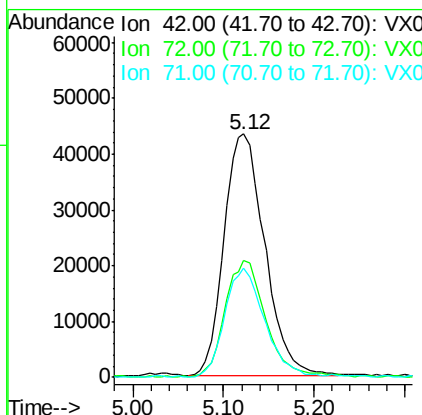
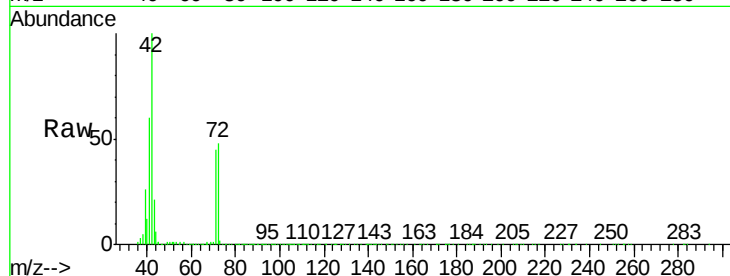
#29
Tetrahydrofuran
Concen: 93.898 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	36.1	54.1
71	43.8	33.8	50.8

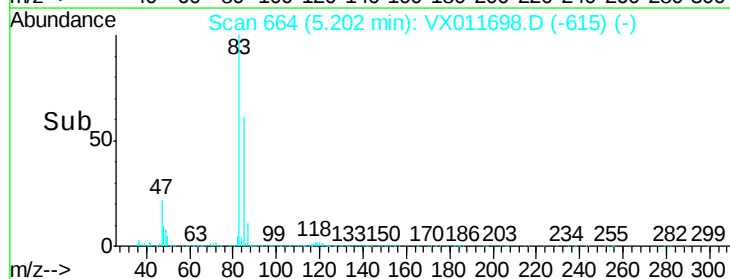
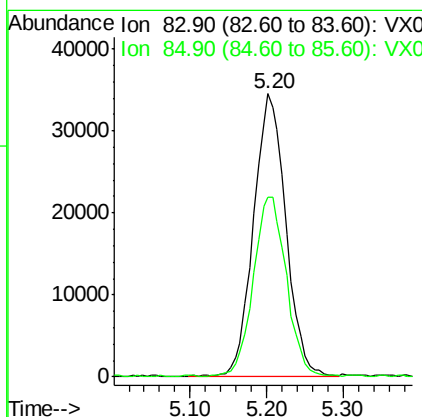
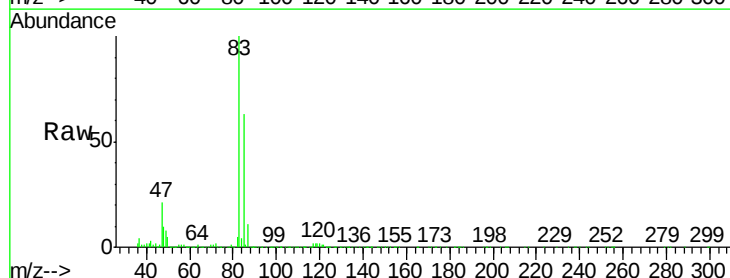
Manual Integrations
APPROVED

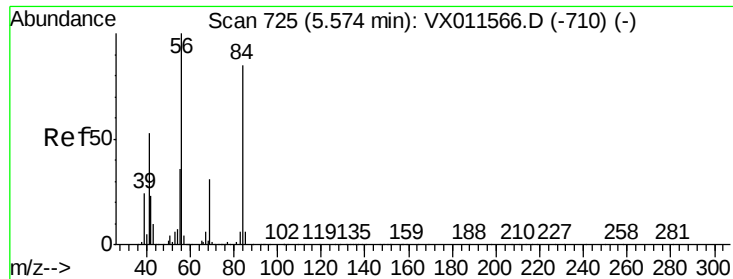
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#30
Chloroform
Concen: 20.177 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.9	77.9





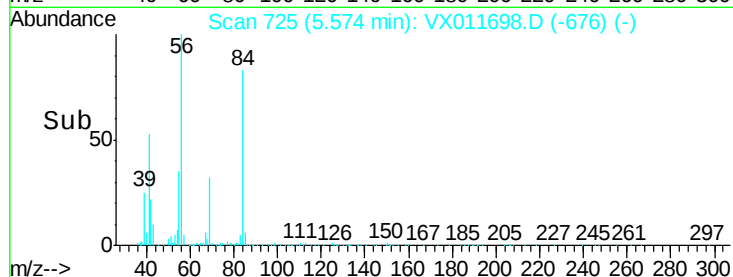
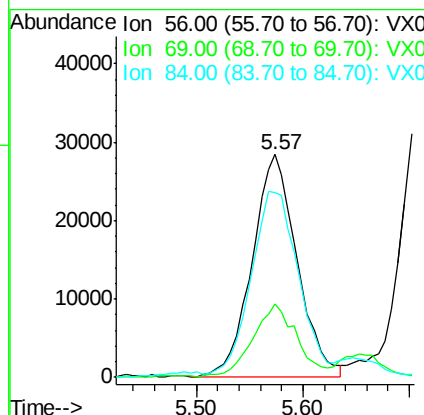
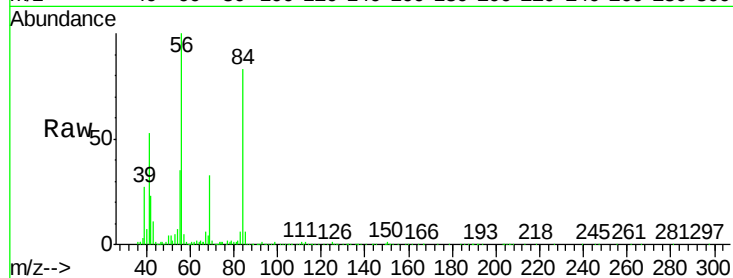
#31
Cyclohexane
Concen: 20.098 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.8	37.2
84	81.1	67.9	101.9

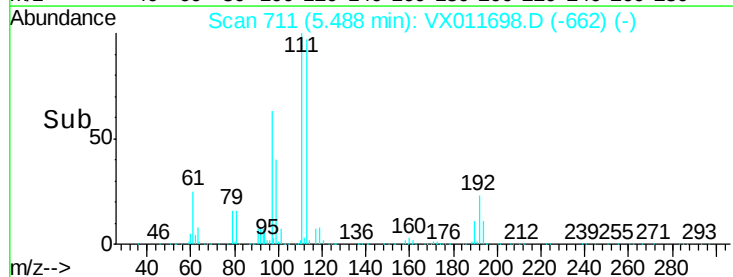
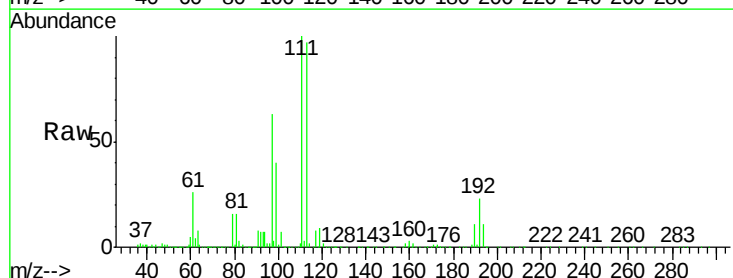
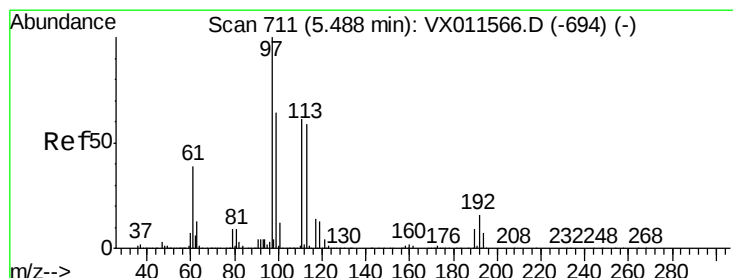
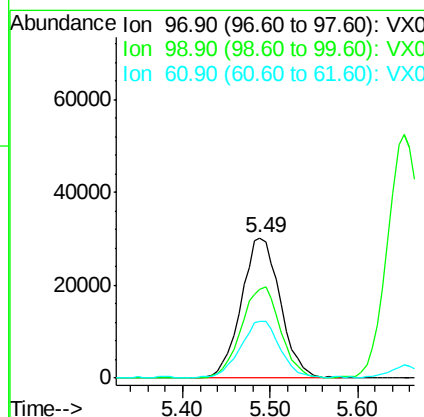
Manual Integrations
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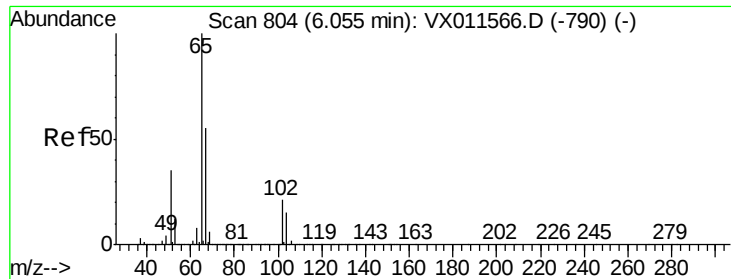
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#32
1,1,1-Trichloroethane
Concen: 21.486 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	40.9	31.4	47.2





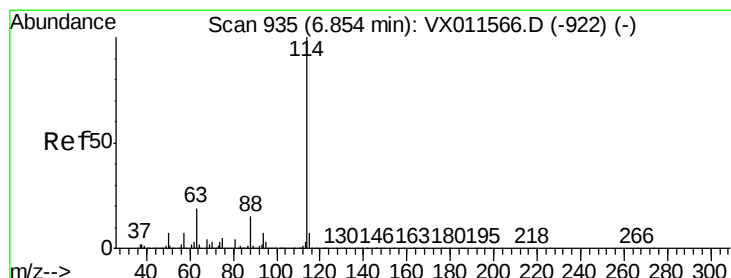
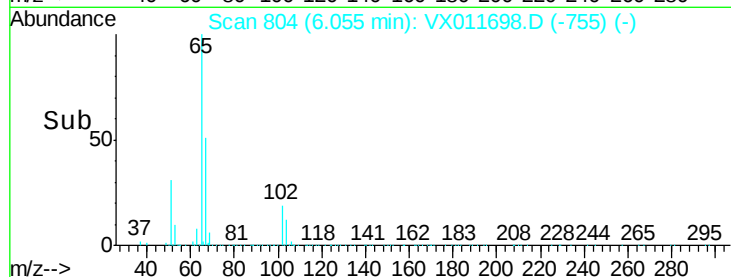
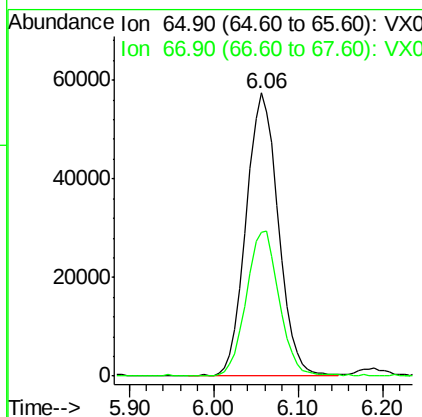
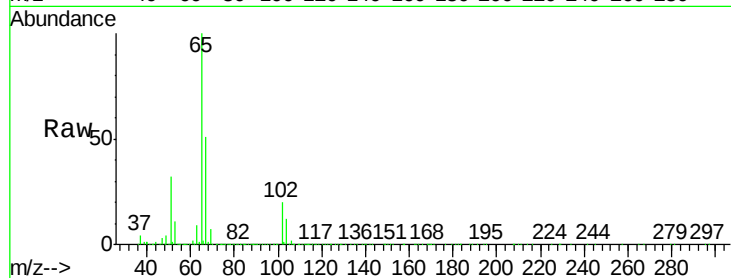
#33
 1,2-Dichloroethane-d4
 Concen: 53.465 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	148638		
67	51.8	0.0	107.6	

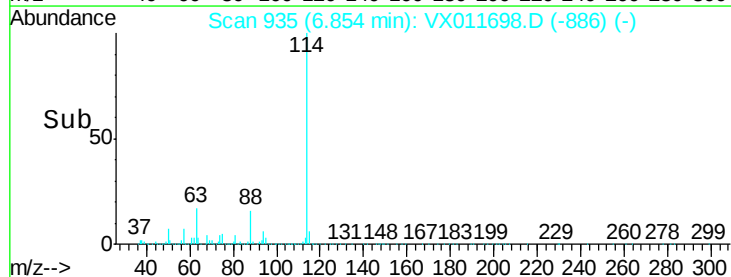
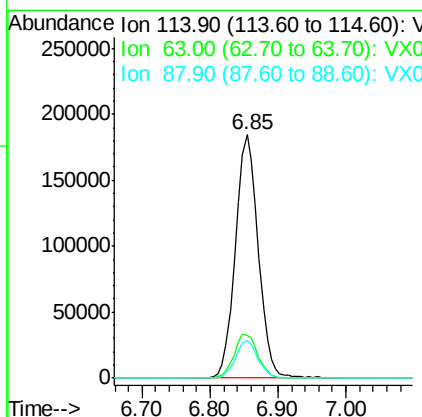
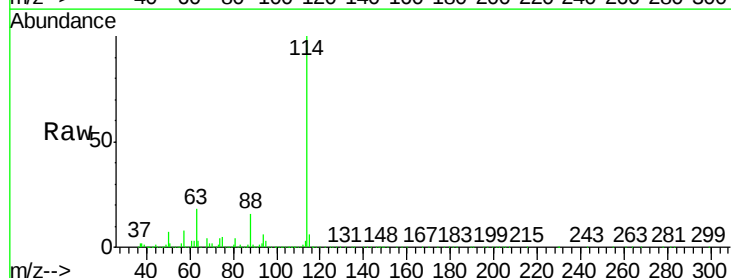
Manual Integrations
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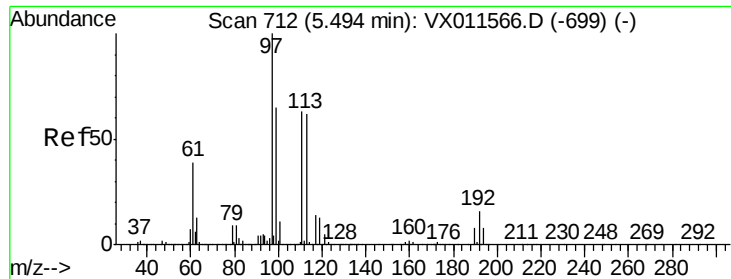
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	430233		
63	17.5	0.0	37.8	
88	15.5	0.0	30.2	





#35

Dibromofluoromethane

Concen: 47.824 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

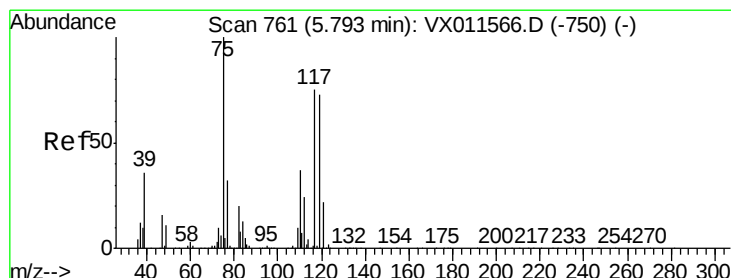
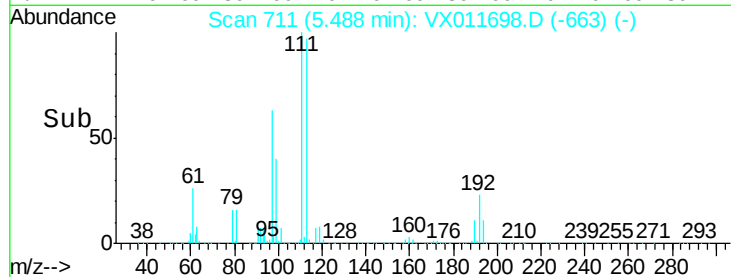
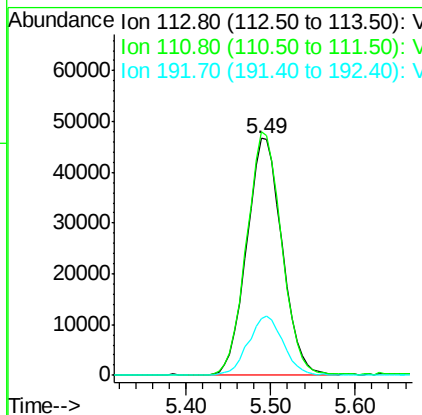
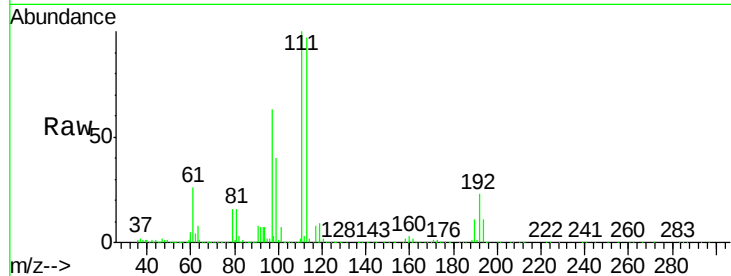
ClientSampleId :

VX0820WBSD02

Tot Ion:	113	Resp:	134576
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.1	121.7
192	24.8	20.8	31.2

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#36

1,1-Dichloropropene

Concen: 20.006 ug/l

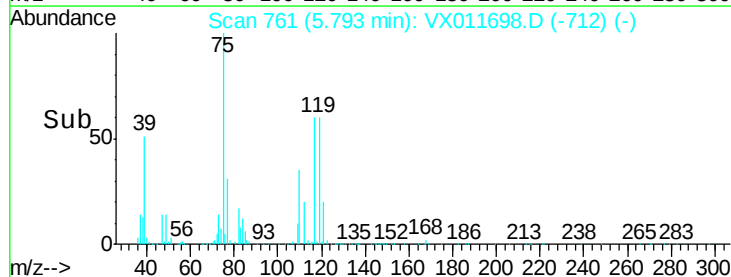
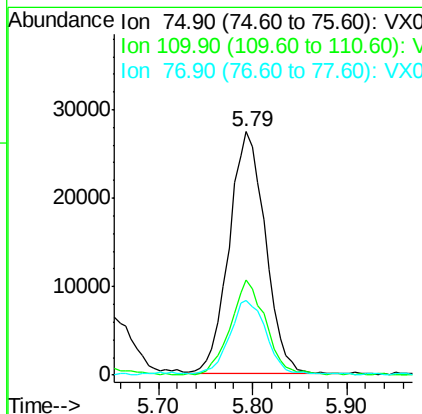
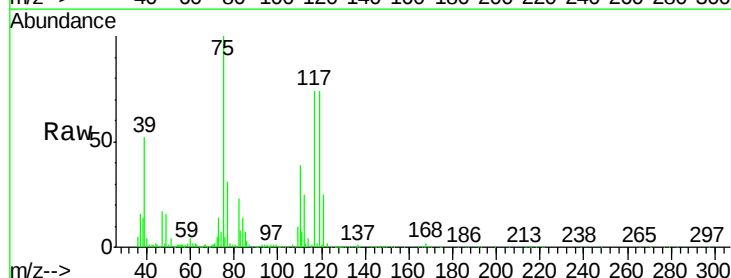
RT: 5.79 min Scan# 761

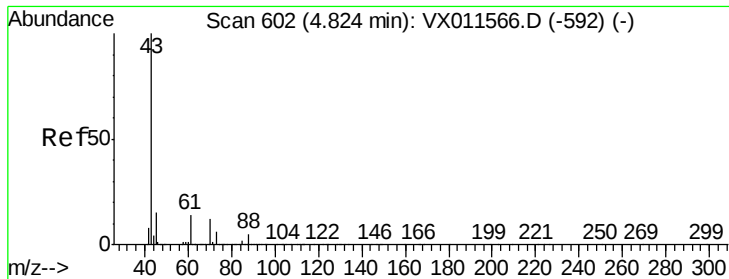
Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion:	75	Resp:	73591
Ion Ratio	Lower	Upper	
75	100		
110	38.4	19.4	58.1
77	31.6	25.1	37.7





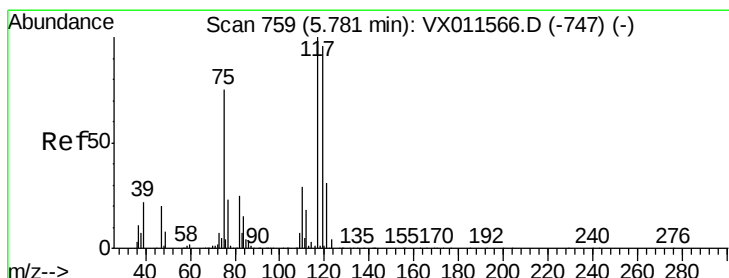
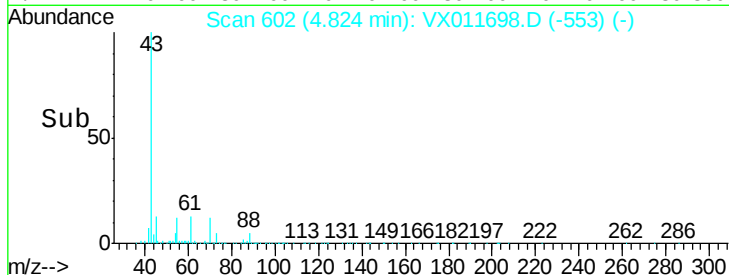
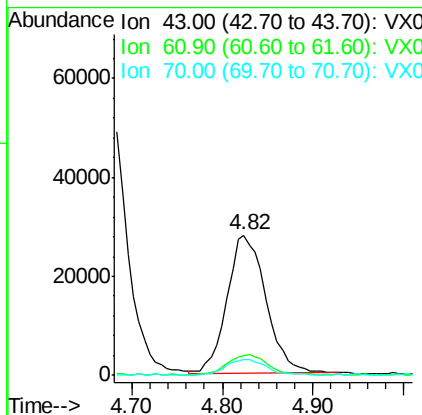
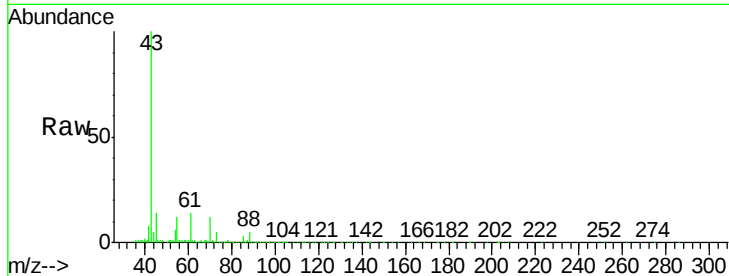
#37
Ethyl Acetate
Concen: 19.675 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.4	17.0
70	12.5	9.0	13.6

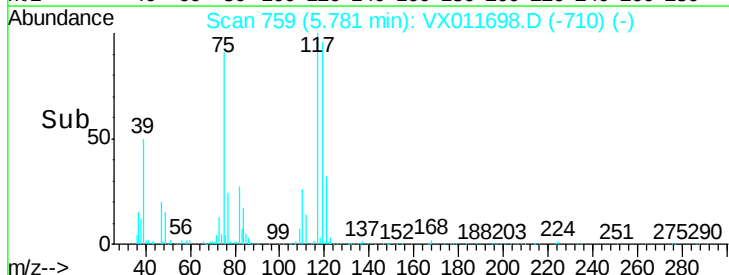
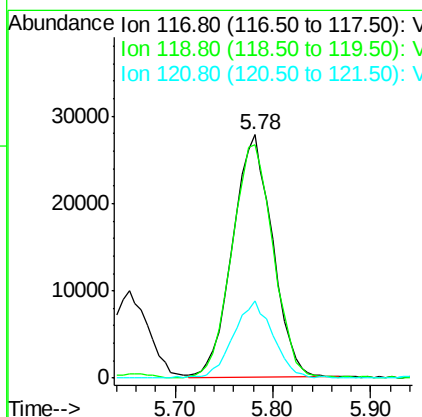
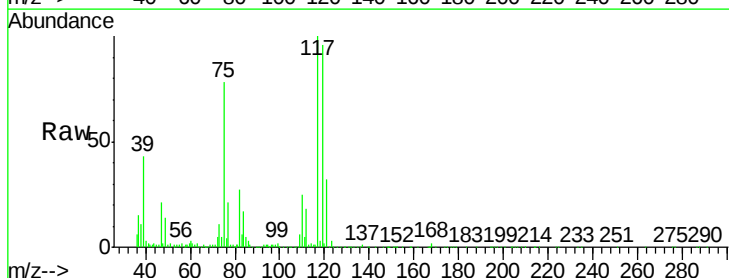
Manual Integrations
APPROVED

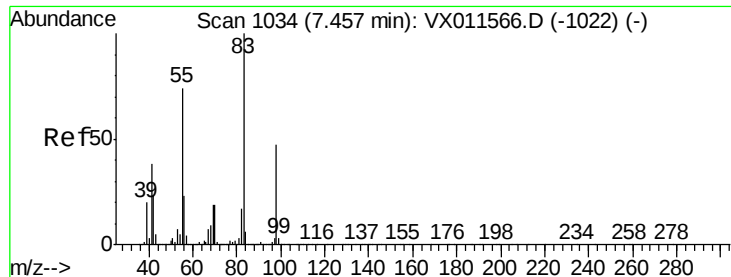
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#38
Carbon Tetrachloride
Concen: 19.333 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.9	115.3
121	31.8	24.8	37.2





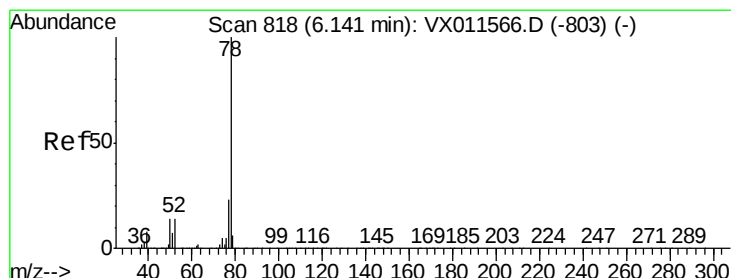
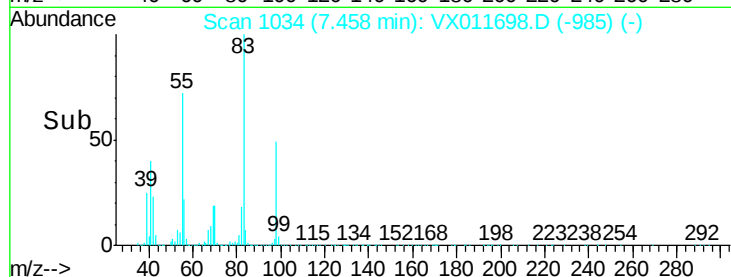
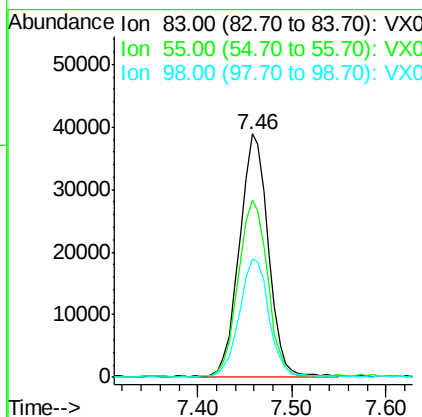
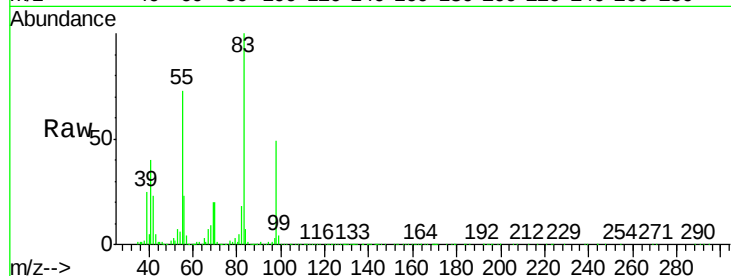
#39
Methvlcvclohexane
Concen: 18.236 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	58.8	88.2
98	48.5	37.8	56.6

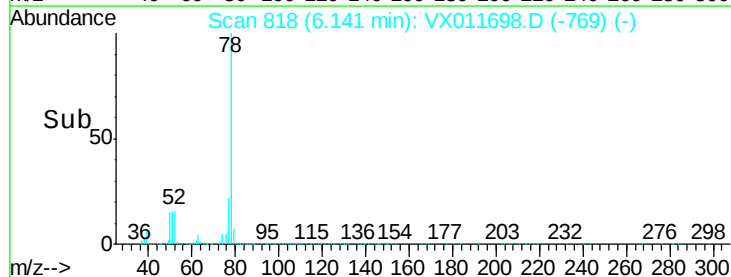
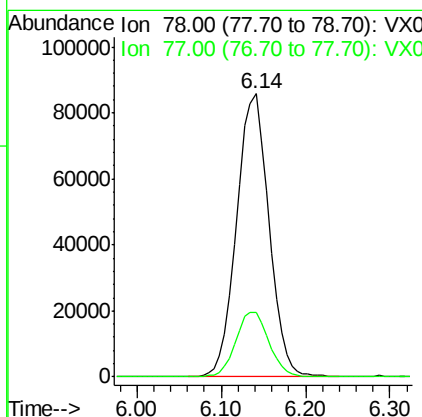
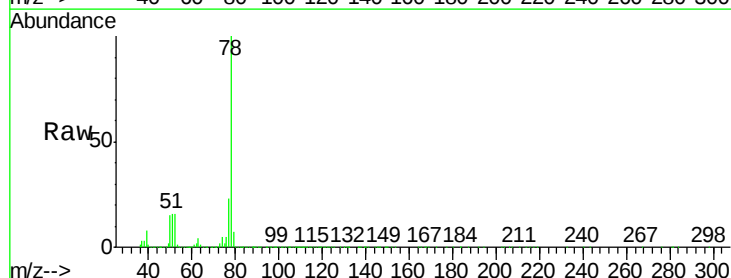
Manual Integrations
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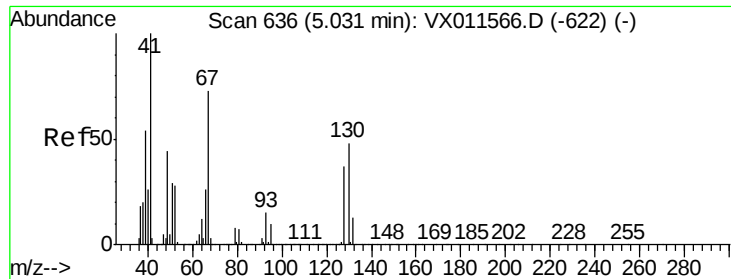
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#40
Benzene
Concen: 19.505 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.6	28.0





#41

Methacrylonitrile

Concen: 19.647 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

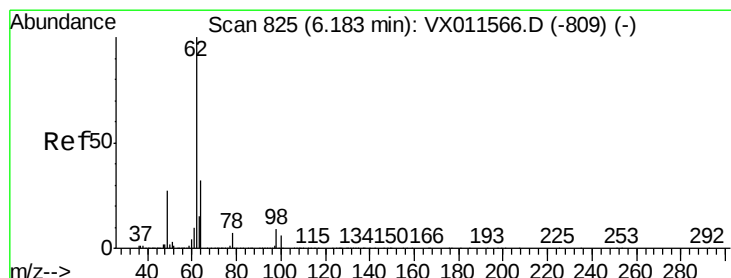
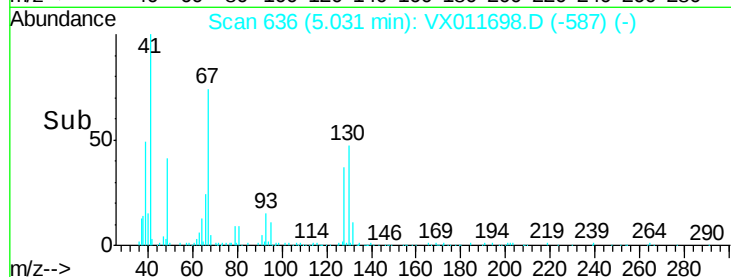
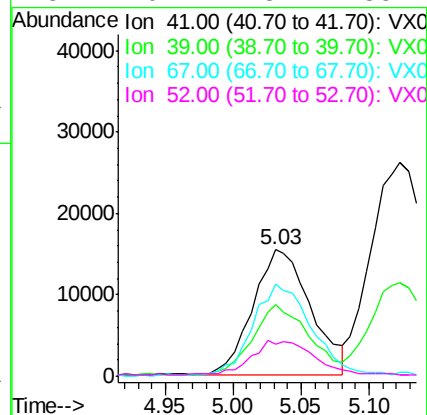
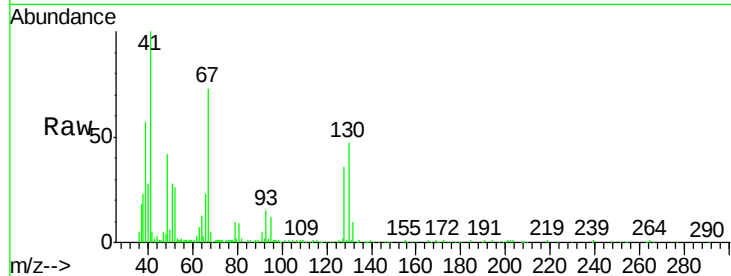
ClientSampleId :

VX0820WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		45750		
39	54.7	43.5	65.3		
67	73.8	59.4	89.2		
52	29.7	23.4	35.2		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.412 ug/l

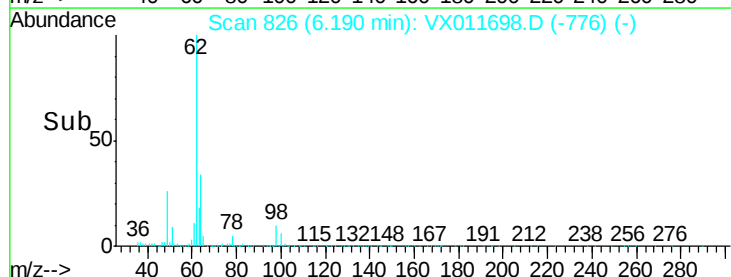
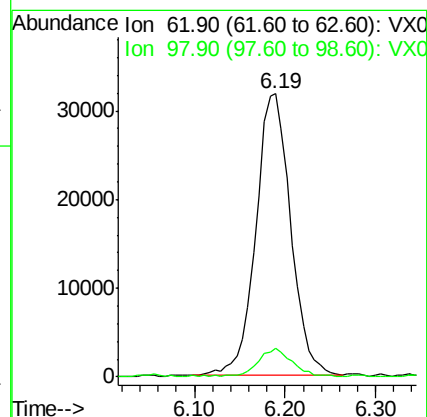
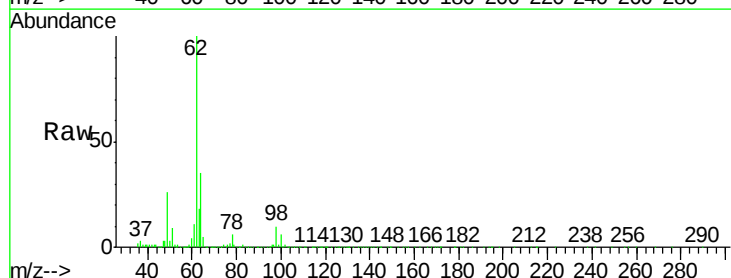
RT: 6.19 min Scan# 826

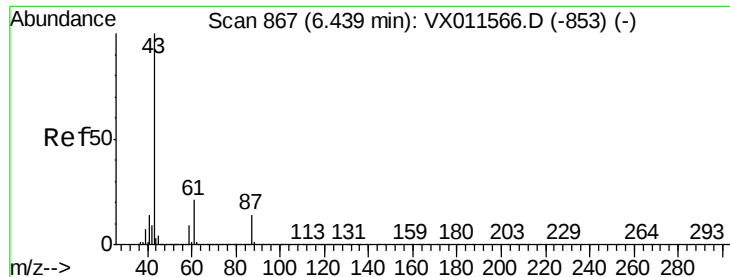
Delta R.T. 0.01 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		84802		
98	9.2	0.0	19.4		





#43

Isopropyl Acetate

Concen: 19.666 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

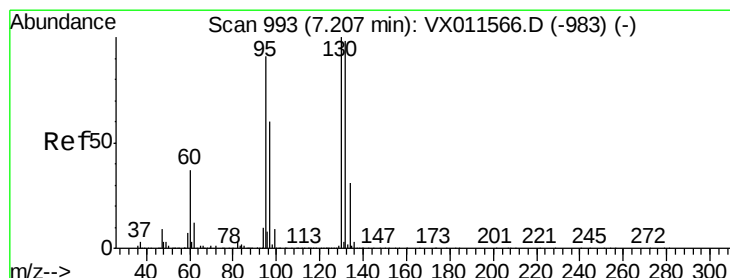
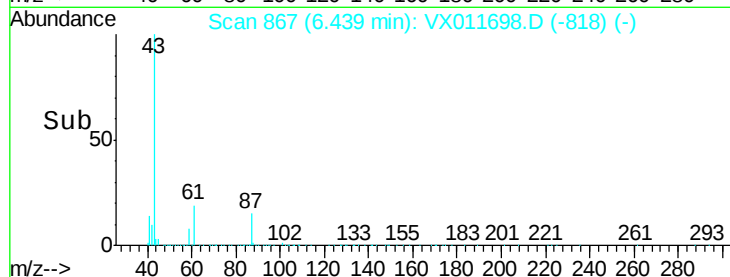
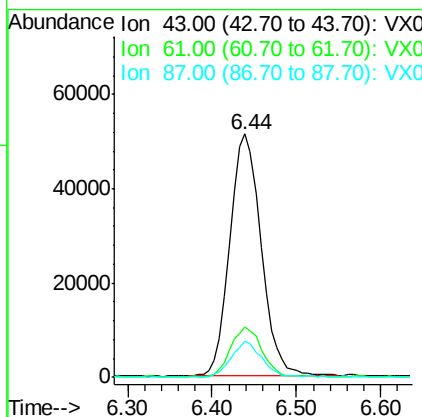
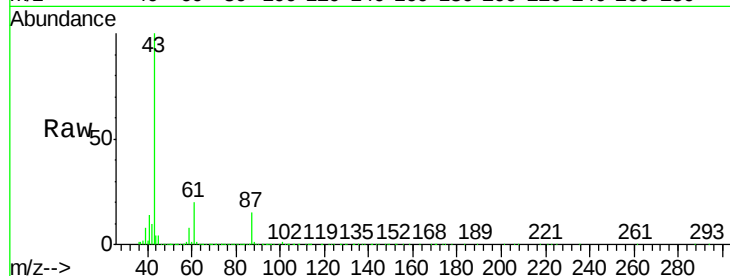
ClientSampleId :

VX0820WBSD02

Tot Ion:	43	Resp:	129849
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.6	24.8
87	14.5	11.4	17.2

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#44

Trichloroethene

Concen: 19.440 ug/l

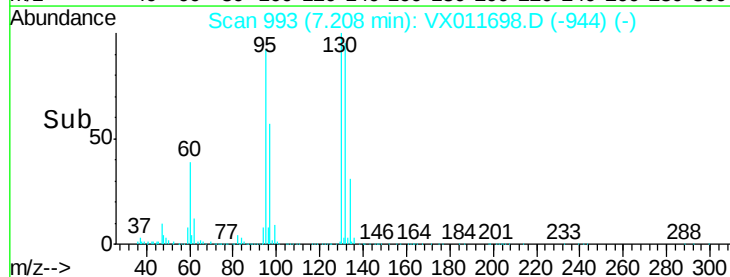
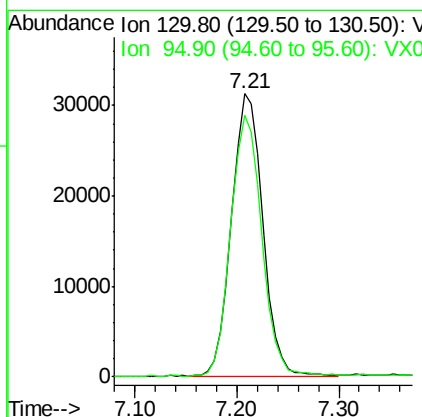
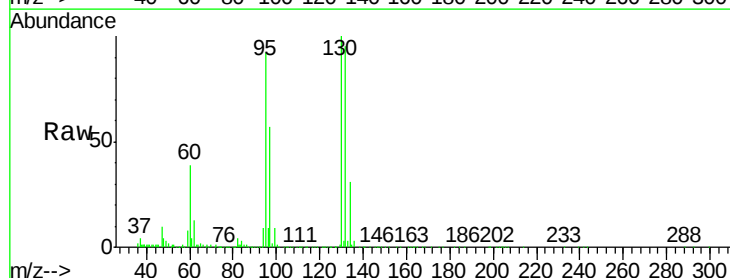
RT: 7.21 min Scan# 993

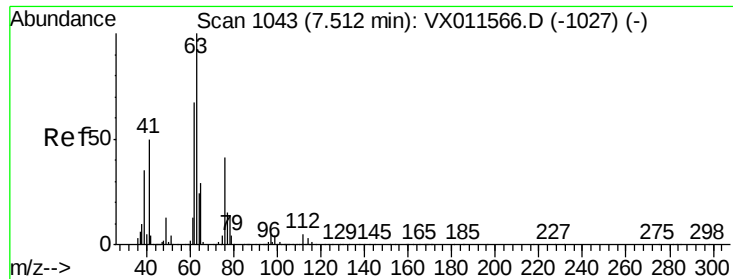
Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion:	130	Resp:	65923
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	181.4





#45

1,2-Dichloropropane

Concen: 19.470 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 63 Resp: 55505

Ion Ratio Lower Upper

63 100

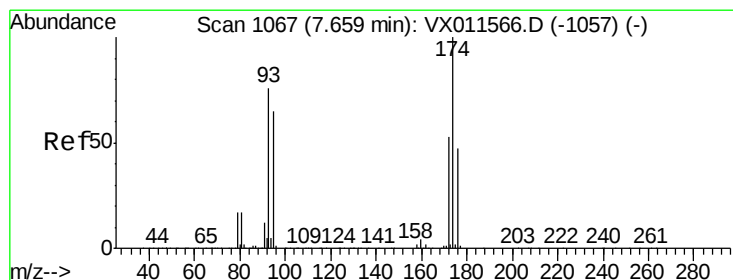
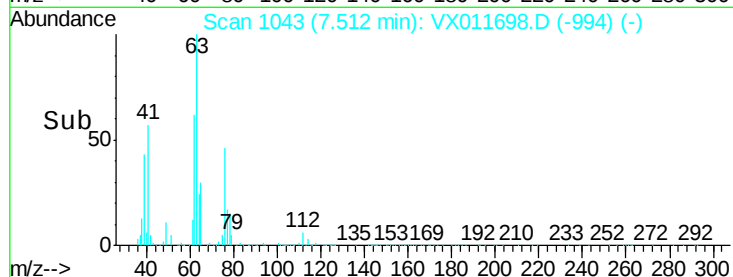
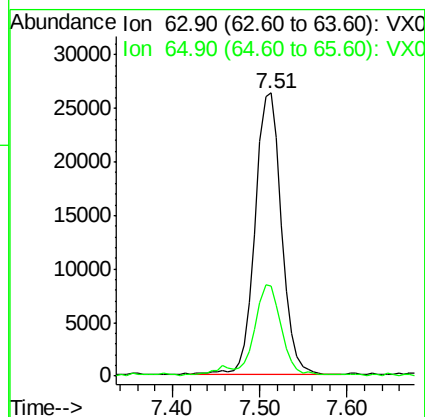
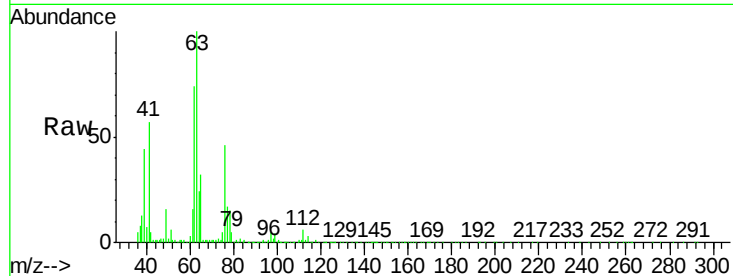
65 31.4 23.4 35.2

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#46

Dibromomethane

Concen: 19.428 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

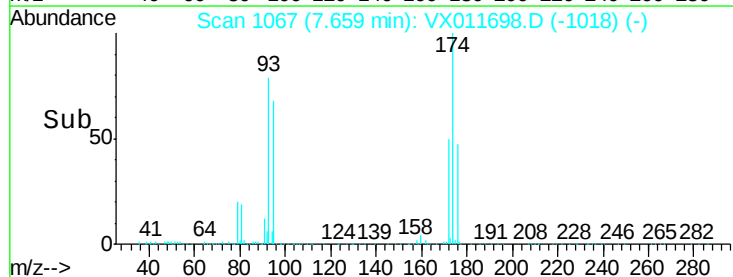
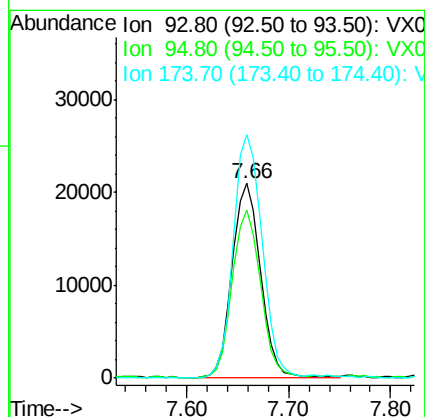
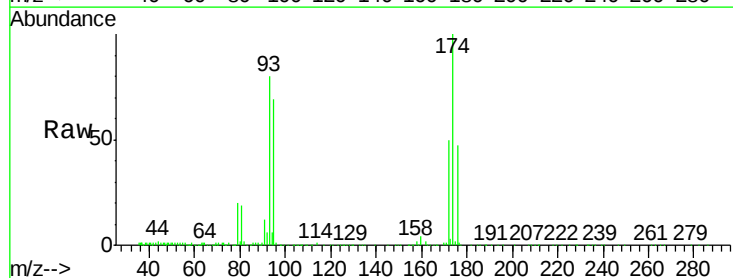
Tgt Ion: 93 Resp: 40248

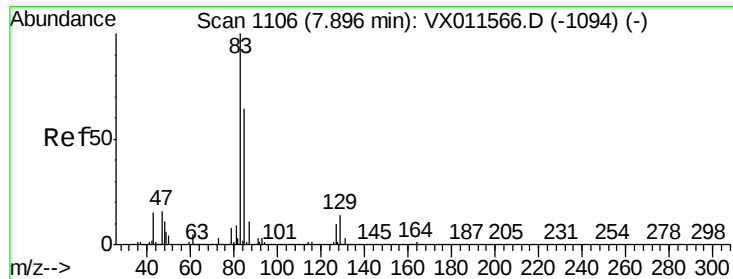
Ion Ratio Lower Upper

93 100

95 87.2 67.2 100.8

174 127.9 105.5 158.3





#47

Bromodichloromethane

Concen: 19.061 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

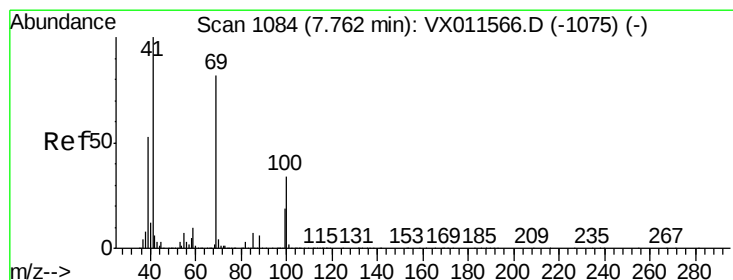
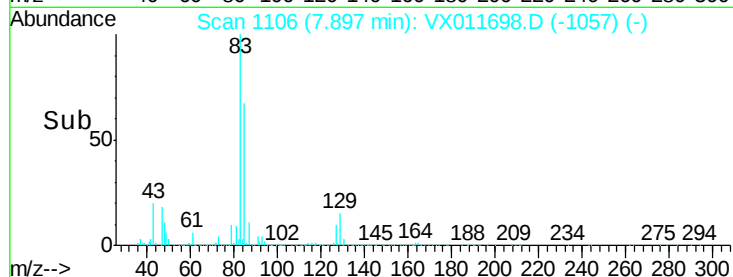
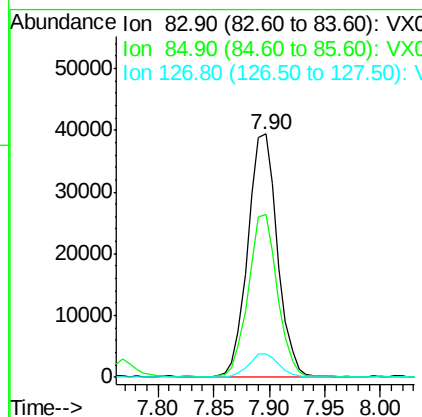
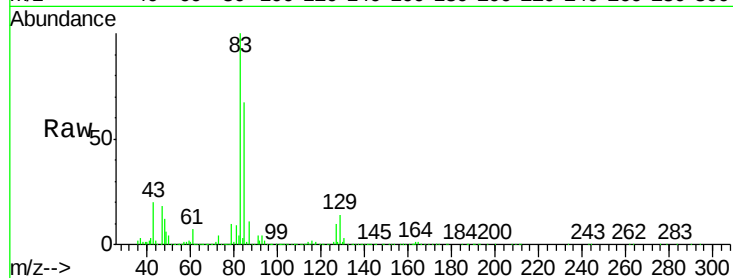
ClientSampleId :

VX0820WBSD02

Tot Ion:	83	Resp:	72503
Ion Ratio	Lower	Upper	
83	100		
85	66.7	51.2	76.8
127	9.9	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.732 ug/l

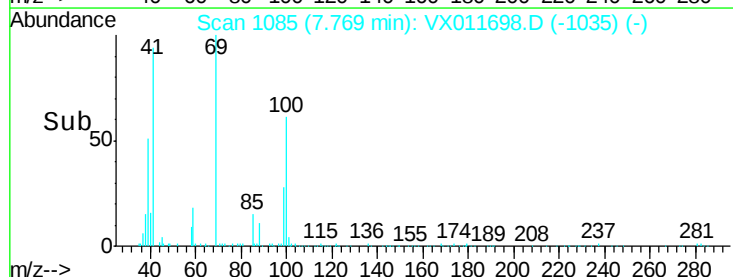
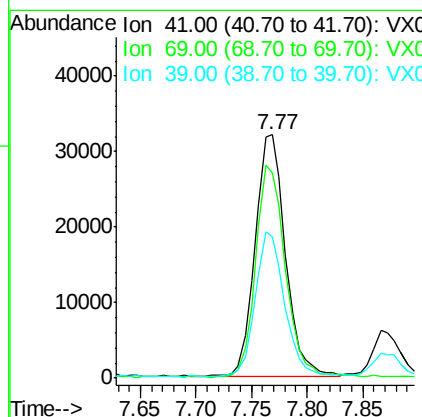
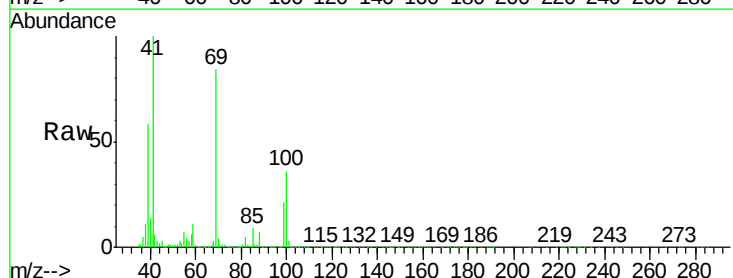
RT: 7.77 min Scan# 1085

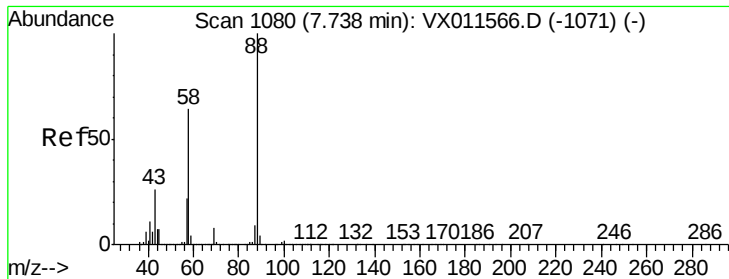
Delta R.T. 0.01 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion:	41	Resp:	61250
Ion Ratio	Lower	Upper	
41	100		
69	86.4	67.9	101.9
39	57.7	41.6	62.4





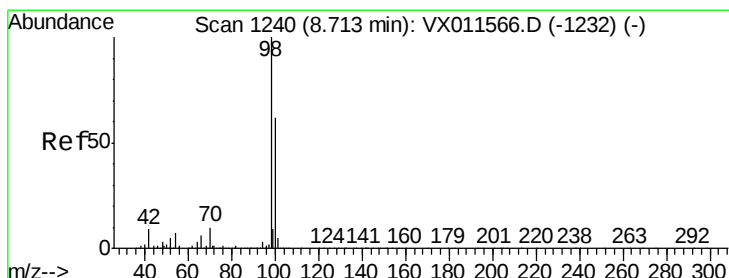
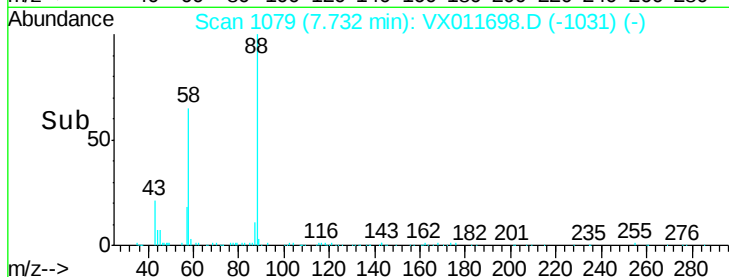
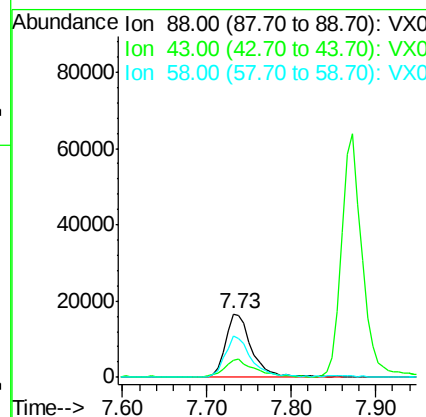
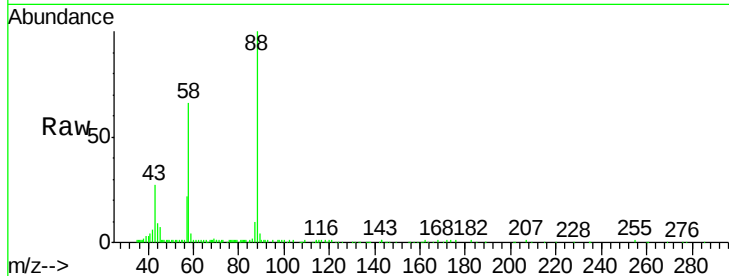
#49
1,4-Dioxane
Concen: 410.489 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.4	35.0
58	65.7	54.3	81.5

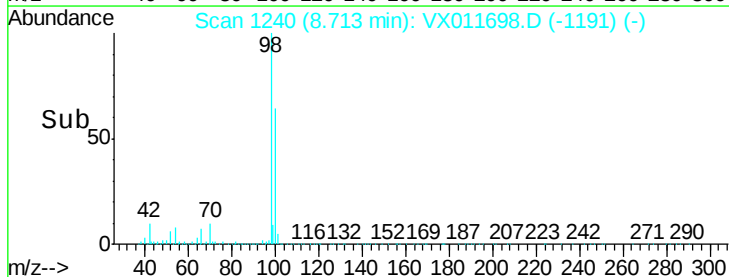
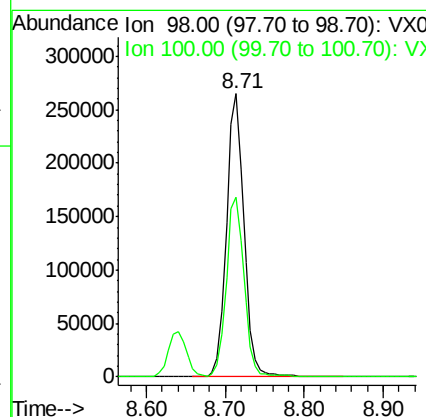
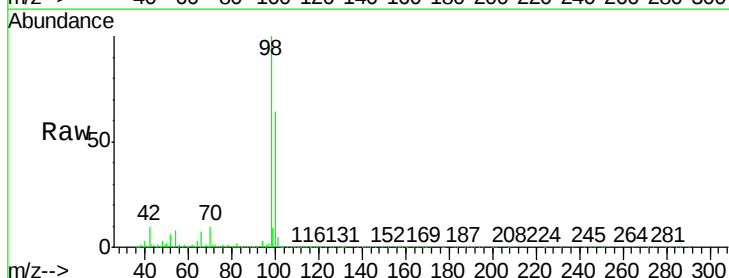
Manual Integrations
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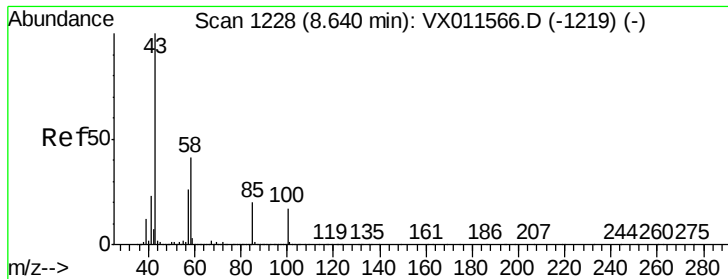
MMDadoda
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#50
Toluene-d8
Concen: 46.317 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 93.671 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 43 Resp: 404829

Ion Ratio Lower Upper

43 100

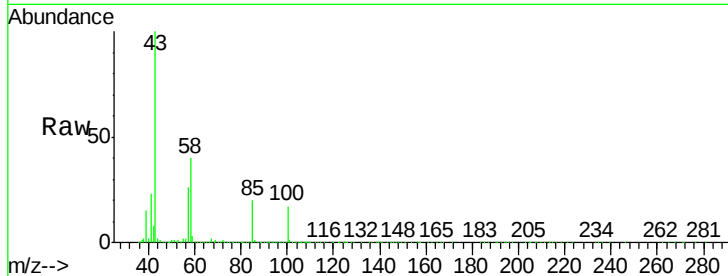
58 39.0 31.8 47.6

Manual Integrations

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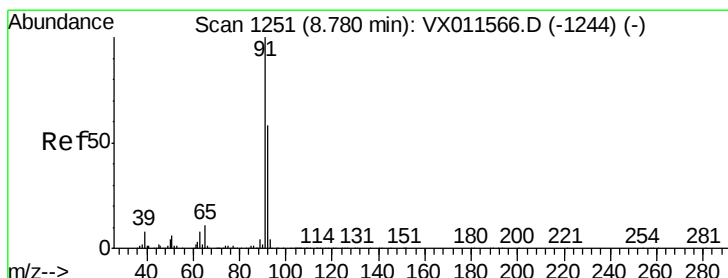
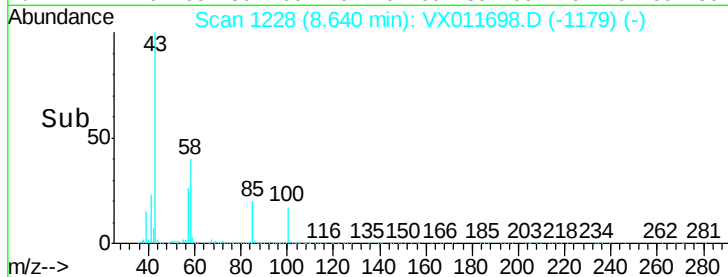
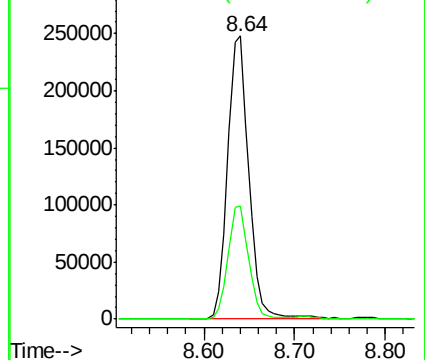
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.745 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011698.D

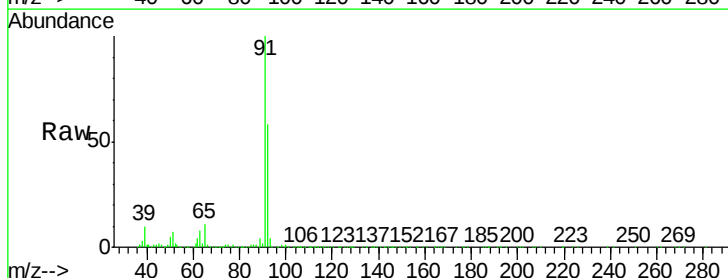
Acq: 20 Aug 2019 21:17

Tgt Ion: 92 Resp: 136512

Ion Ratio Lower Upper

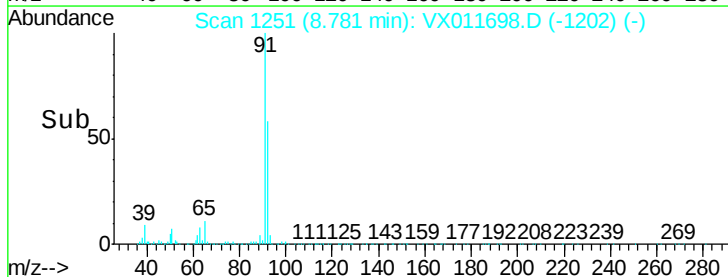
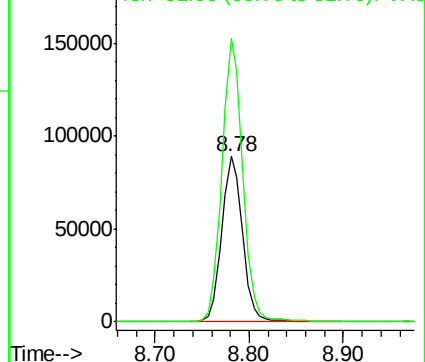
92 100

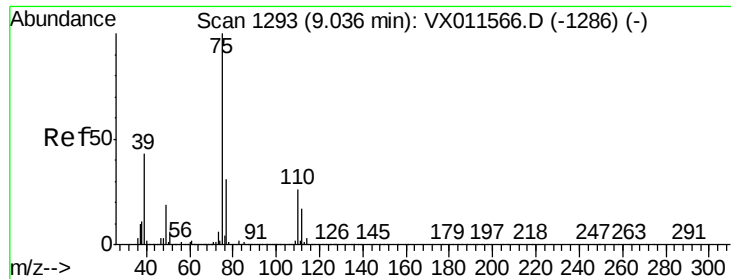
91 171.3 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





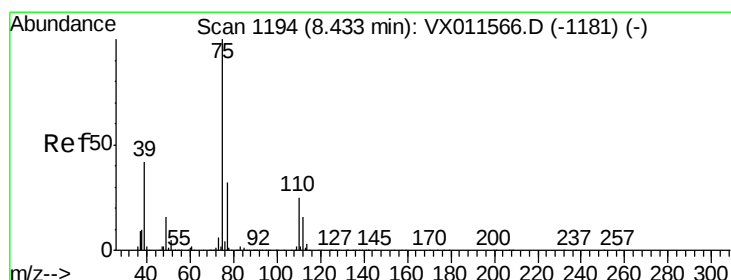
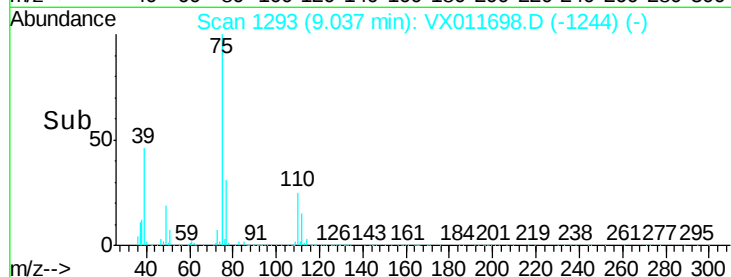
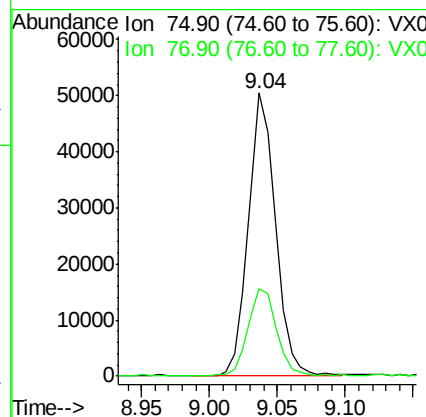
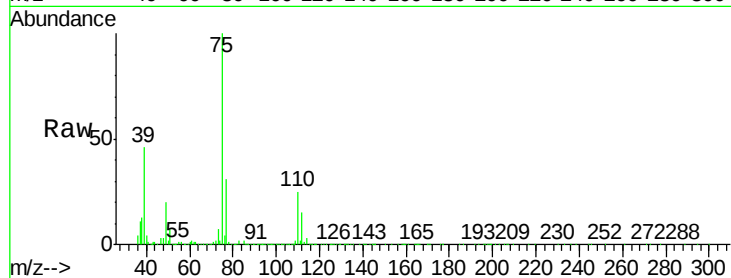
#53
t-1,3-Dichloropropene
Concen: 17.939 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.1	37.7

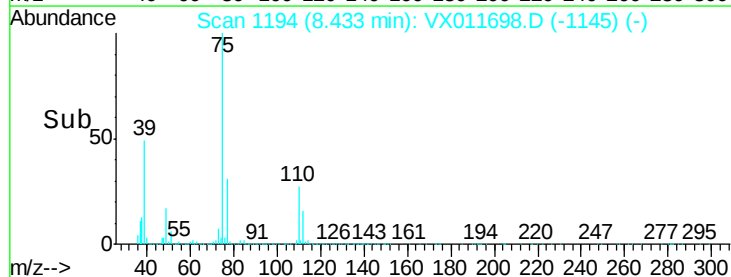
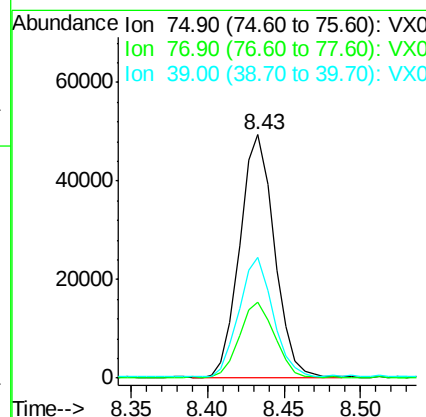
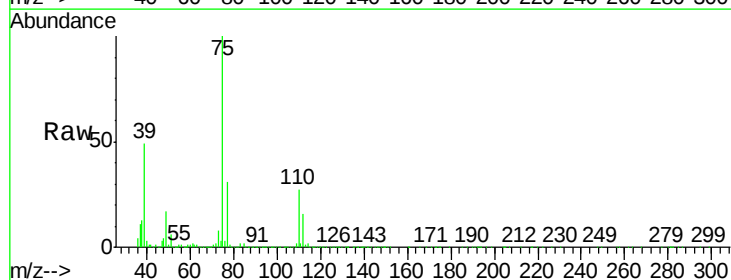
Manual Integrations
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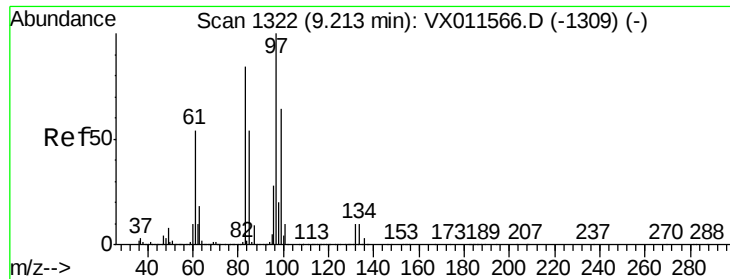
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#54
cis-1,3-Dichloropropene
Concen: 17.956 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3
39	48.9	33.6	50.4





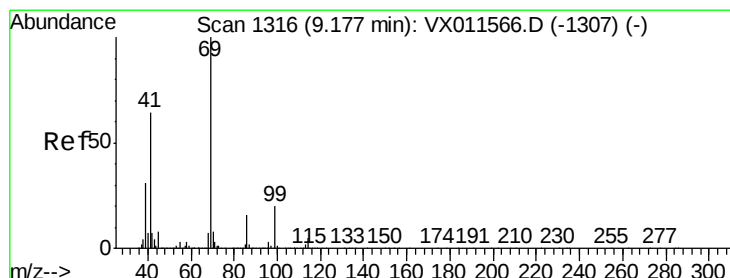
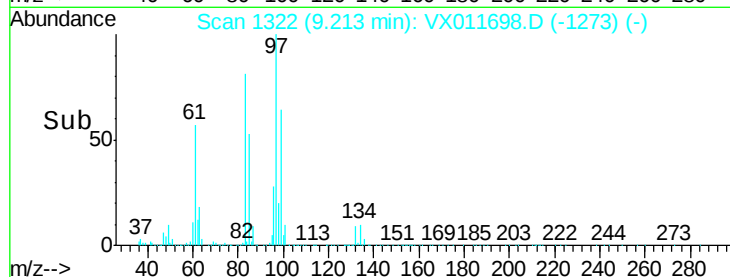
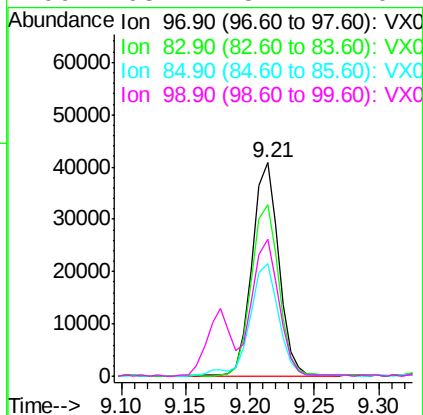
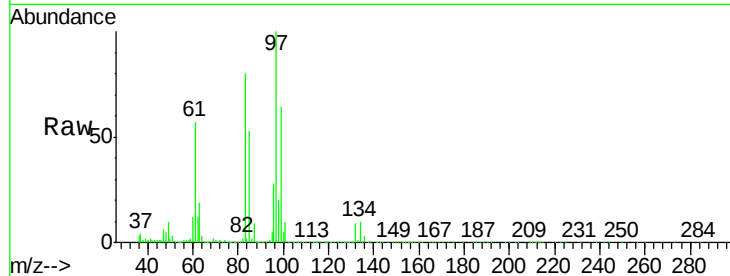
#55
 1,1,2-Trichloroethane
 Concen: 18.842 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD02

Tot Ion:	97	Resp:	58351
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.4	101.0
85	52.4	43.4	65.2
99	63.7	51.1	76.7

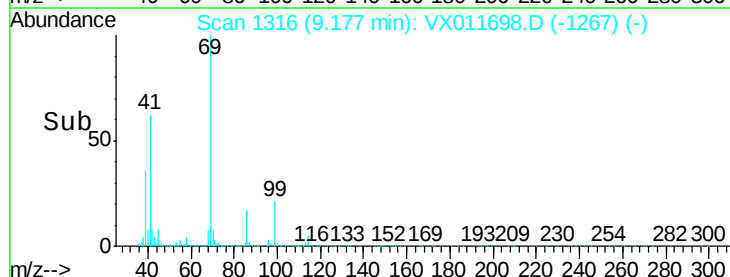
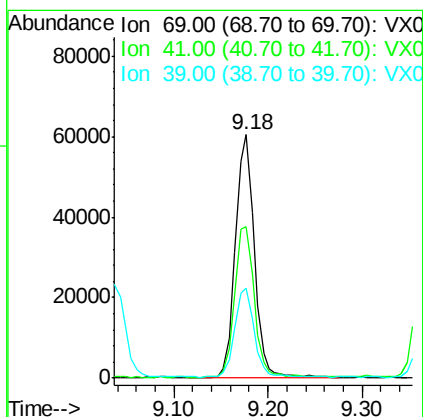
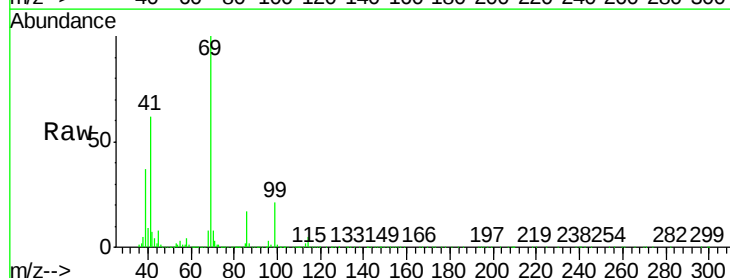
Manual Integrations
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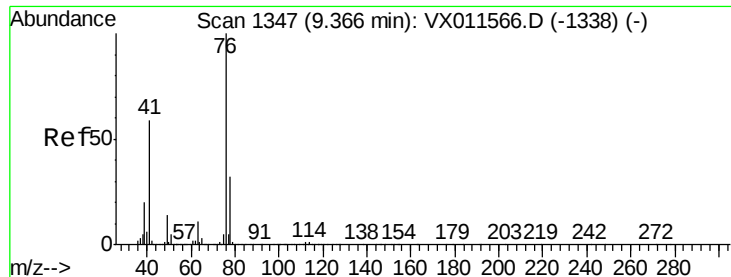
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 8/21/2019 9:36:26 AM



#56
 Ethyl methacrylate
 Concen: 18.942 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Tgt Ion:	69	Resp:	85263
Ion	Ratio	Lower	Upper
69	100		
41	64.2	52.1	78.1
39	37.2	25.4	38.0





#57

1,3-Dichloropropane

Concen: 18.914 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 76 Resp: 93112

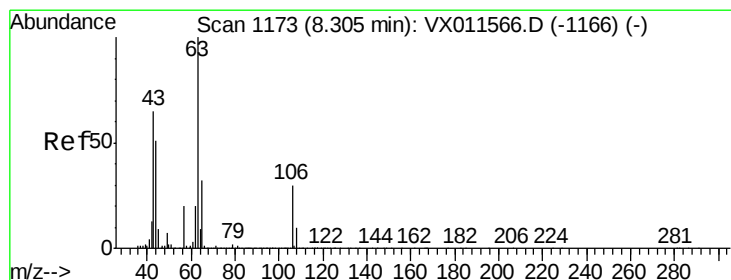
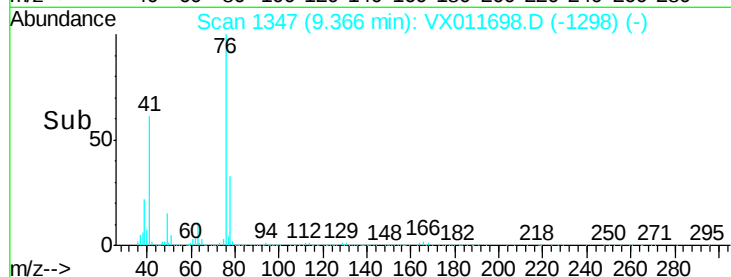
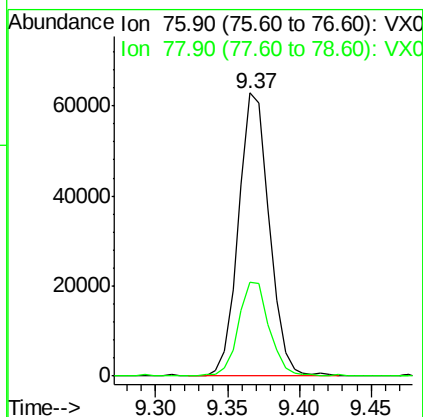
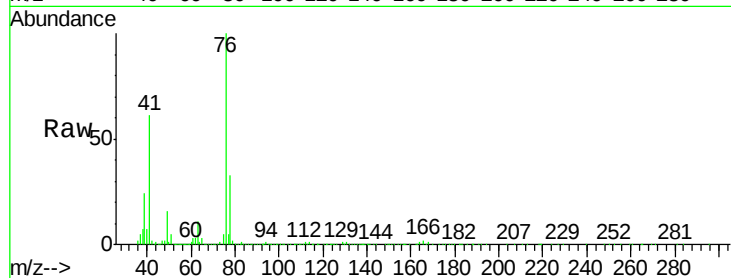
Ion Ratio Lower Upper

76 100

78 33.2 26.2 39.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 97.837 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011698.D

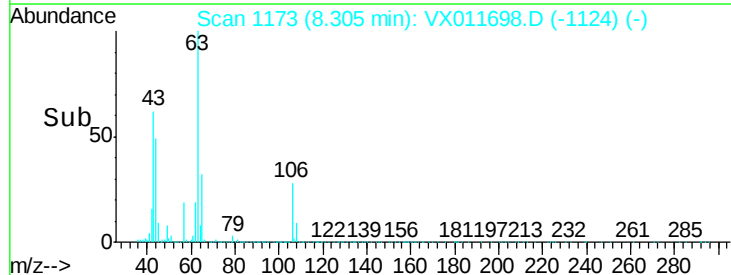
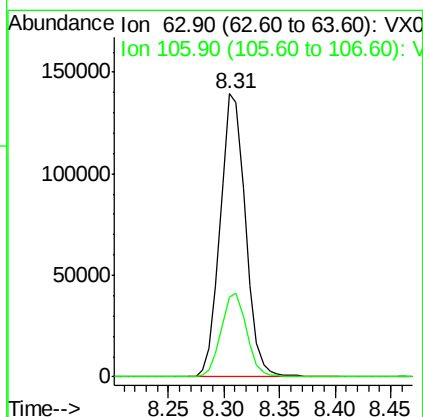
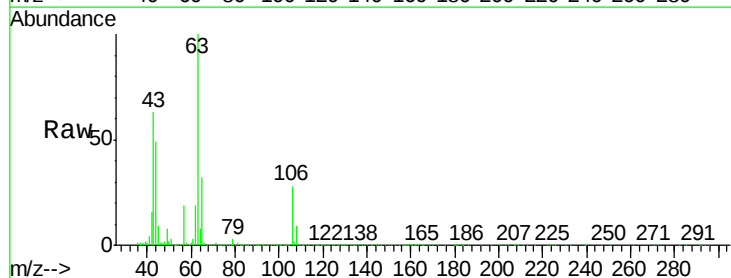
Acq: 20 Aug 2019 21:17

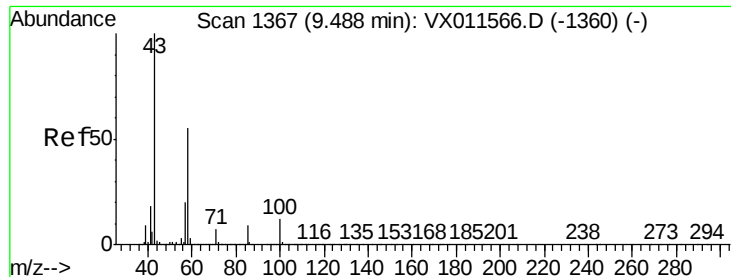
Tgt Ion: 63 Resp: 219427

Ion Ratio Lower Upper

63 100

106 30.3 24.7 37.1





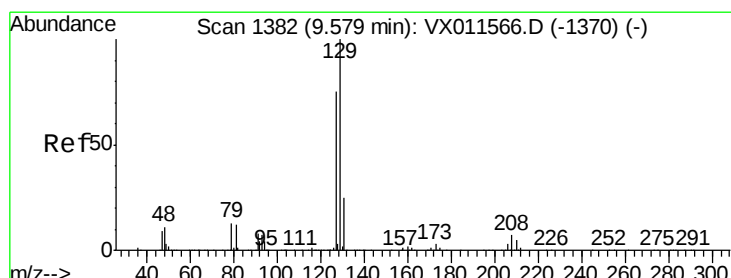
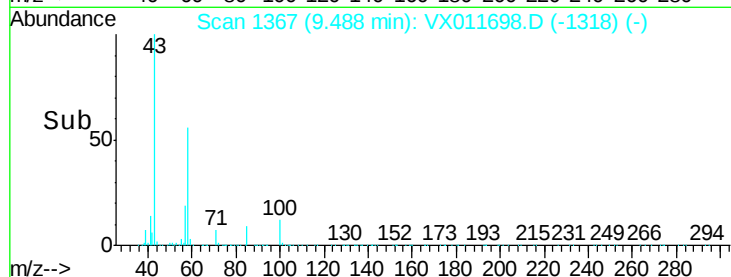
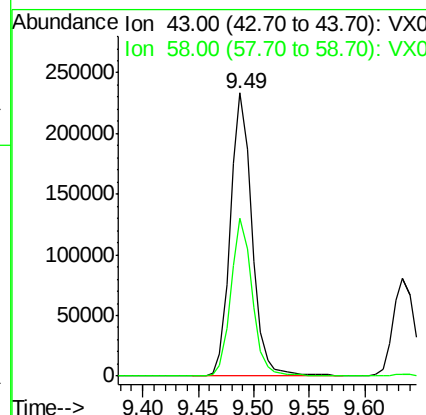
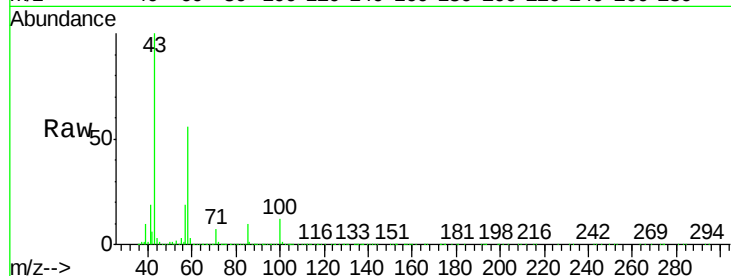
#59
2-Hexanone
Concen: 94.082 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion: 43 Resp: 313555
Ion Ratio Lower Upper
43 100
58 55.3 27.5 82.4

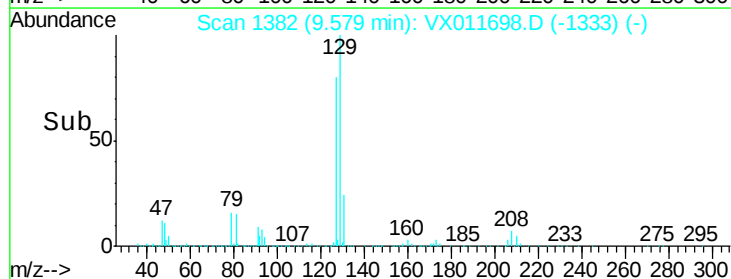
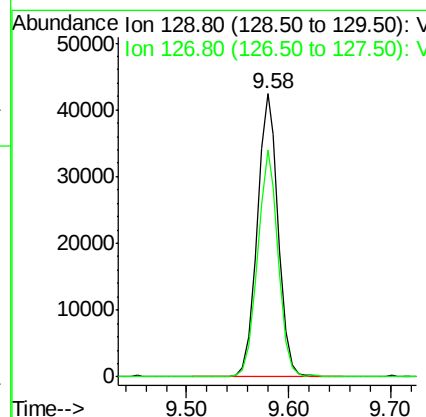
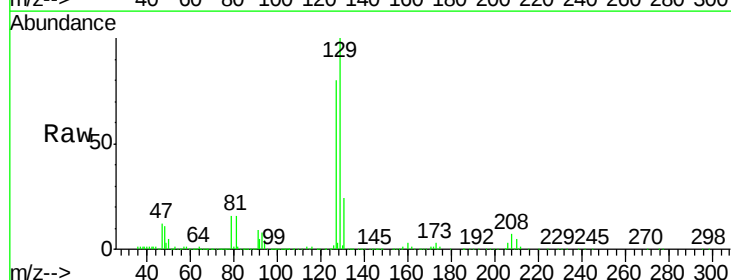
Manual Integrations
APPROVED

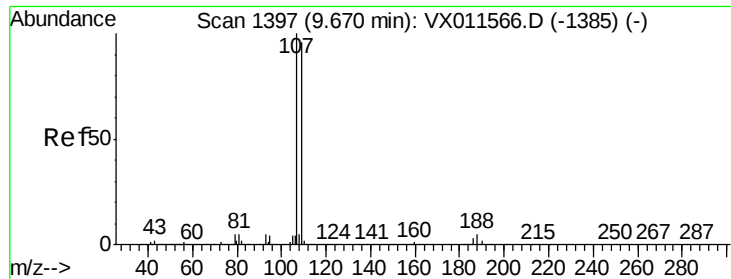
MMDadoda
8/21/2019 9:36:26 AM



#60
Dibromochloromethane
Concen: 19.008 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion: 129 Resp: 61333
Ion Ratio Lower Upper
129 100
127 78.4 38.0 114.1





#61

1,2-Dibromoethane

Concen: 19.138 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion:107 Resp: 63254

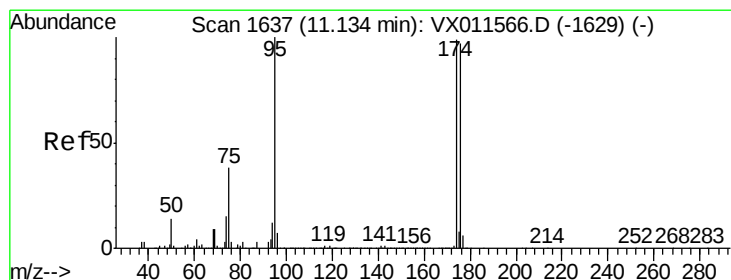
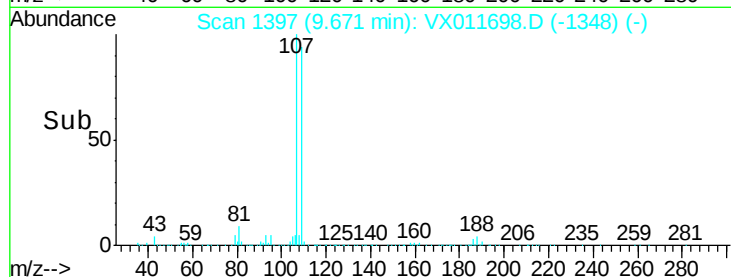
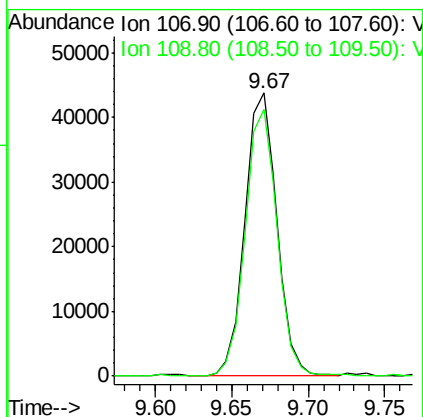
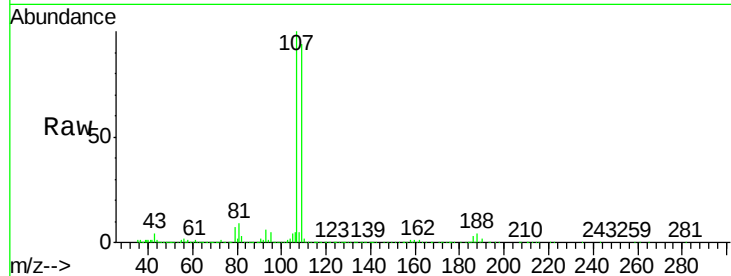
Ion Ratio Lower Upper

107 100

109 93.3 76.2 114.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 49.837 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

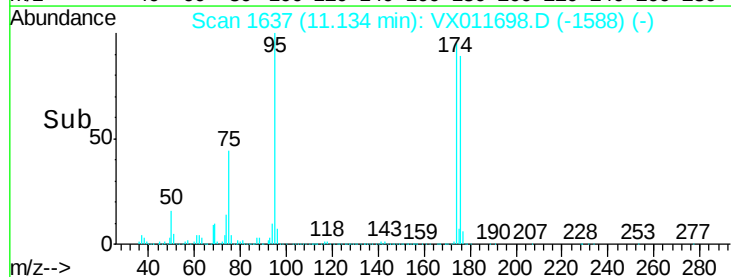
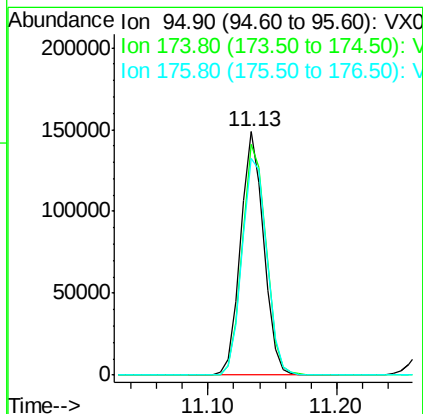
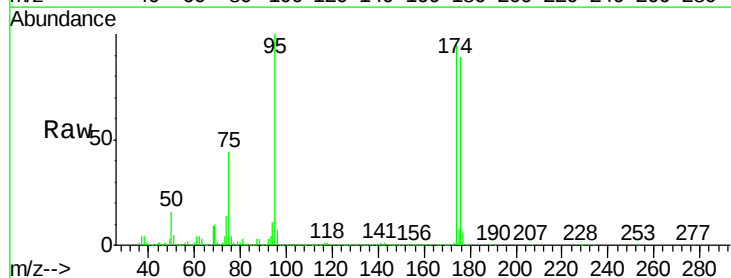
Tgt Ion: 95 Resp: 184441

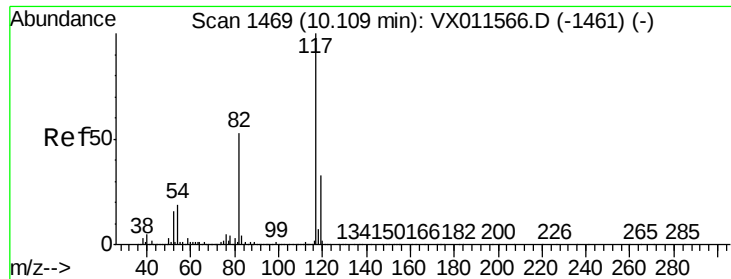
Ion Ratio Lower Upper

95 100

174 98.2 0.0 200.6

176 95.1 0.0 196.6





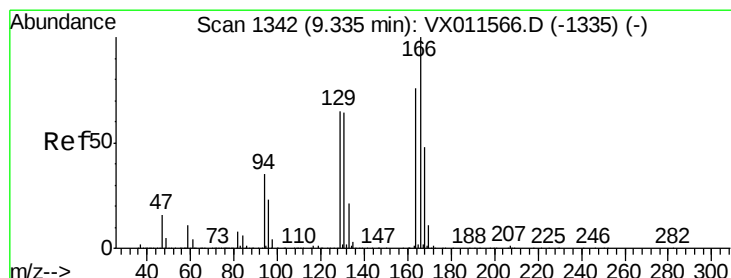
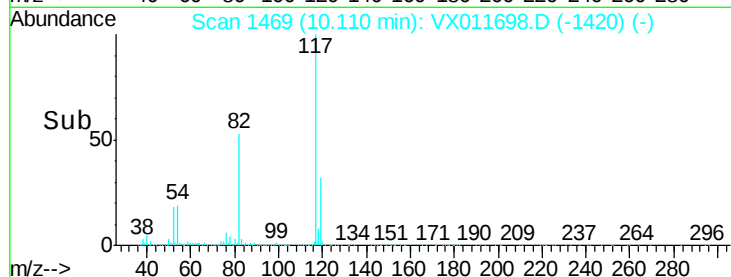
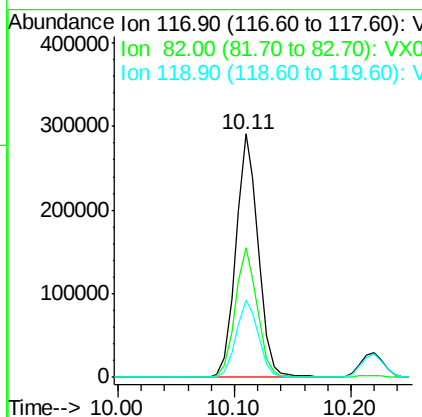
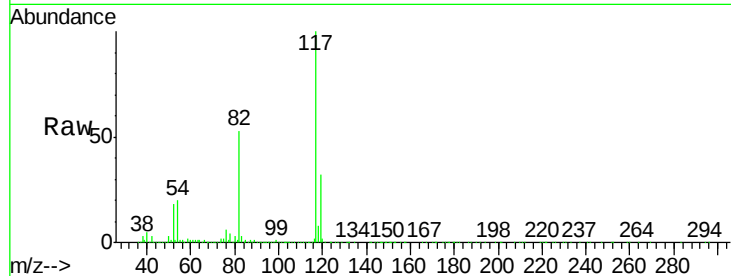
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	388045		
82	53.2	42.0	63.0	
119	31.7	26.5	39.7	

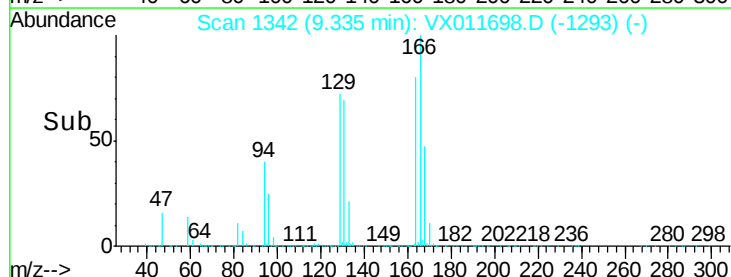
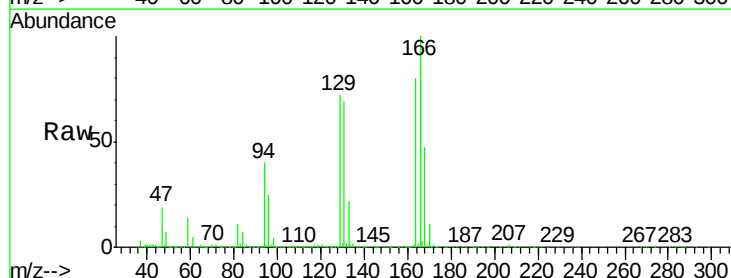
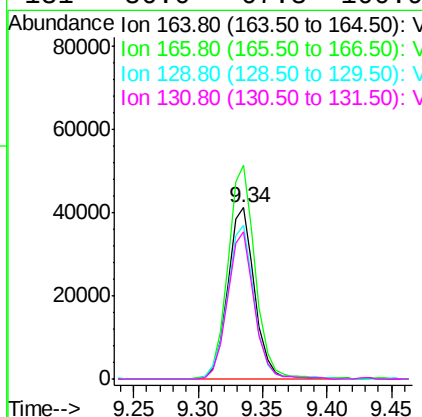
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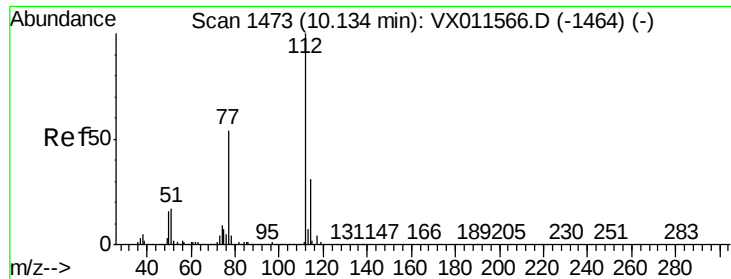
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#64
Tetrachloroethene
Concen: 18.998 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60487		
166	124.7	104.7	157.1	
129	89.7	68.2	102.4	
131	86.0	67.3	100.9	





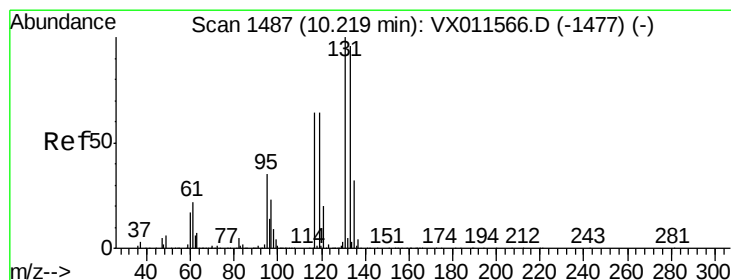
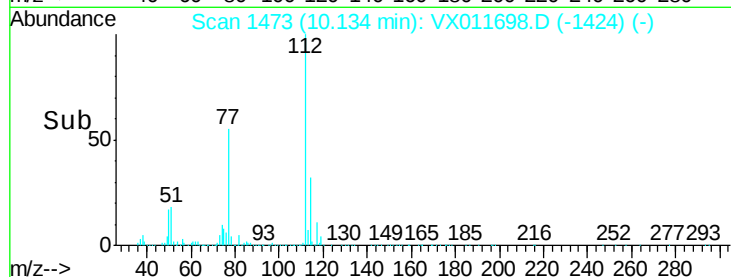
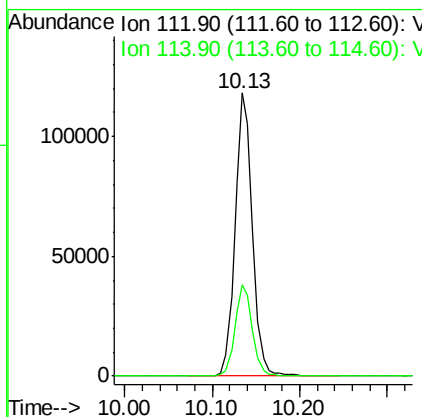
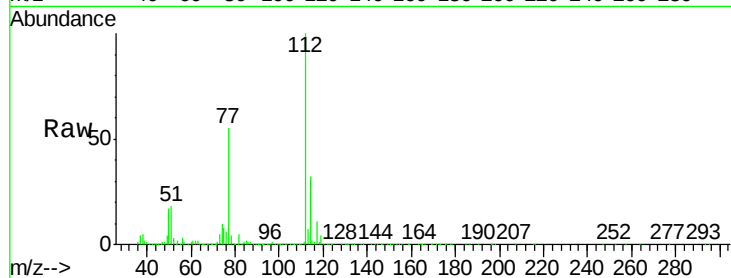
#65
Chlorobenzene
Concen: 19.785 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.6

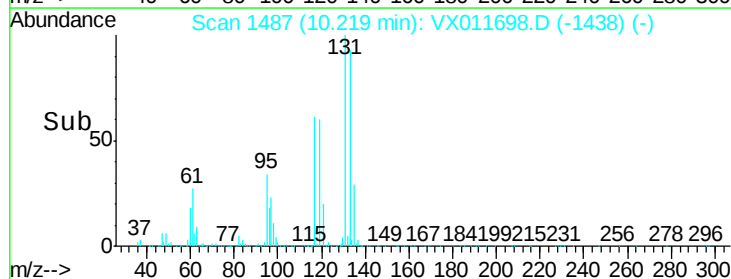
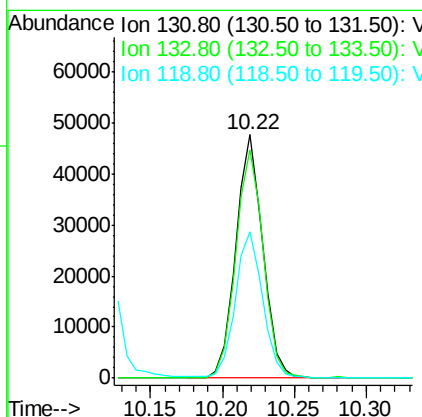
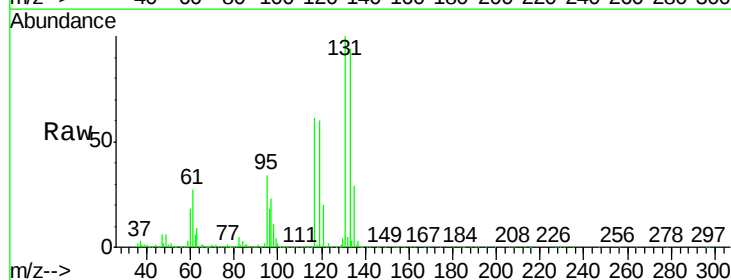
Manual Integrations
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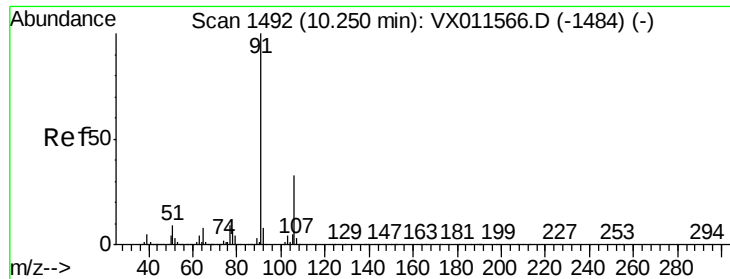
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.172 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	48.1	144.4
119	61.2	31.3	93.8





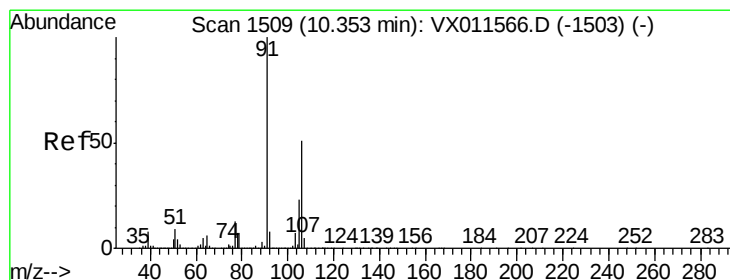
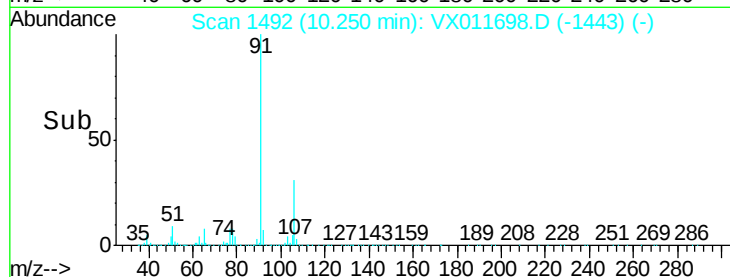
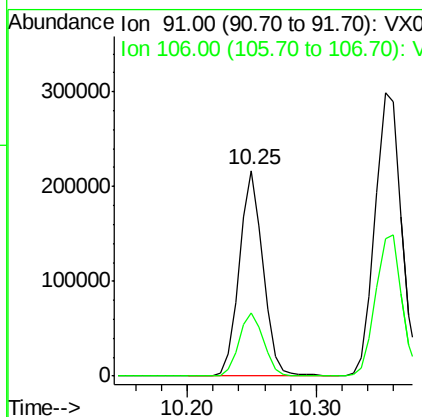
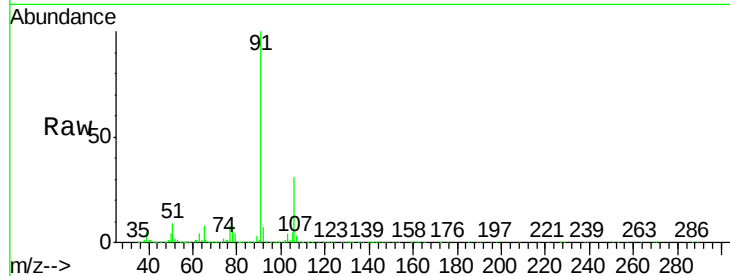
#67
Ethyl Benzene
Concen: 19.986 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion: 91 Resp: 276061
Ion Ratio Lower Upper
91 100
106 30.6 26.0 39.0

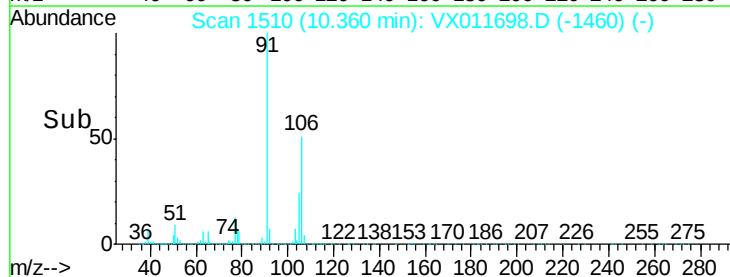
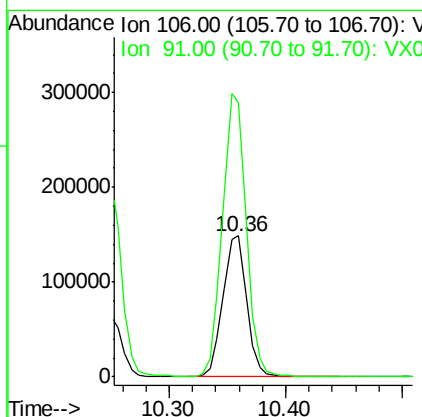
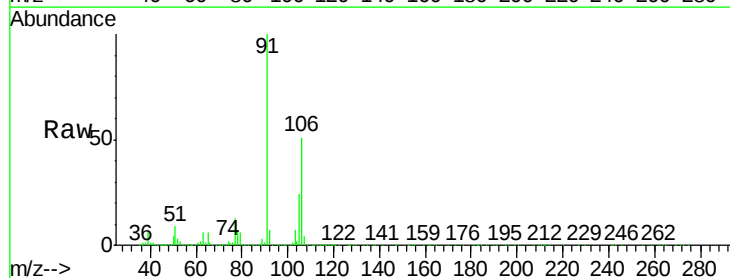
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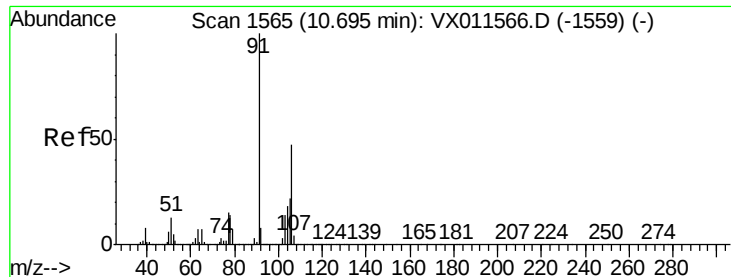
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#68
m/p-Xylenes
Concen: 39.670 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion: 106 Resp: 210335
Ion Ratio Lower Upper
106 100
91 200.7 156.0 234.0





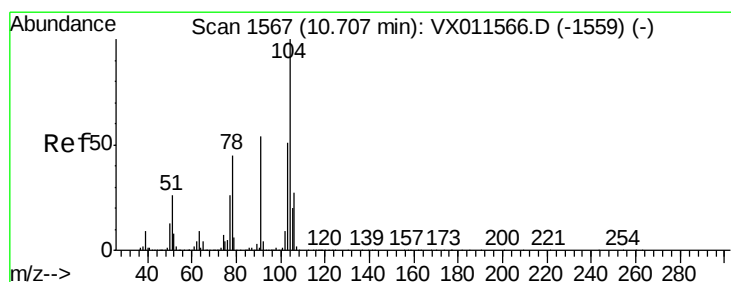
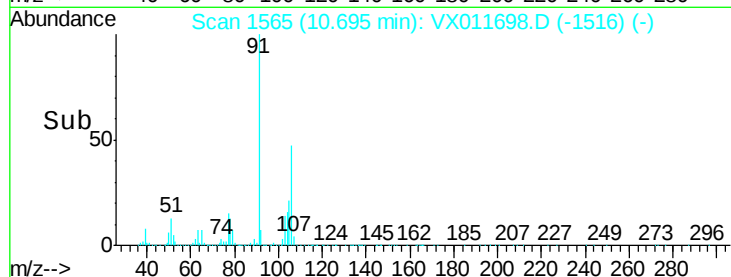
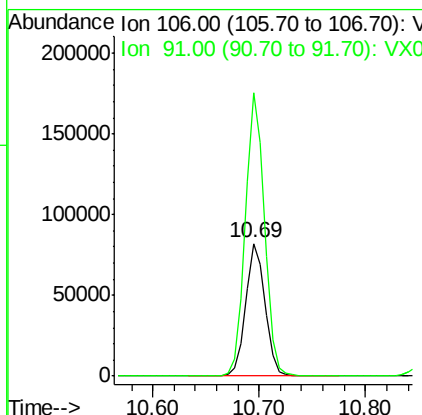
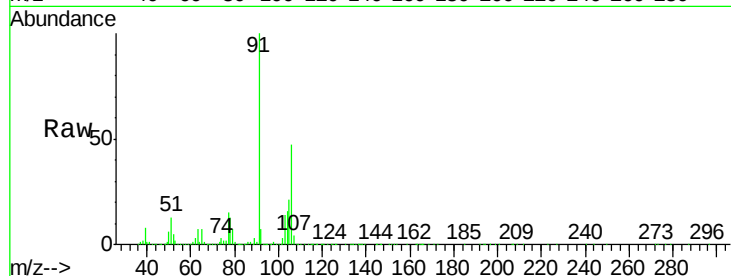
#69
o-Xylene
Concen: 20.291 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	105385		
91	210.7	105.5	316.4	

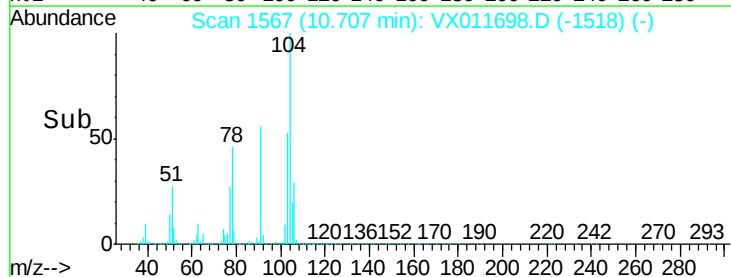
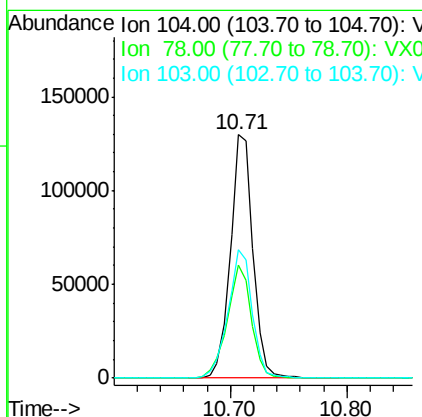
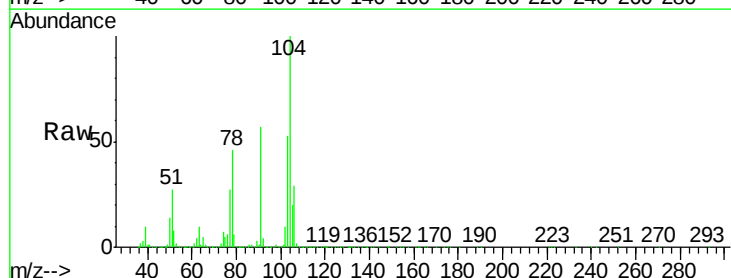
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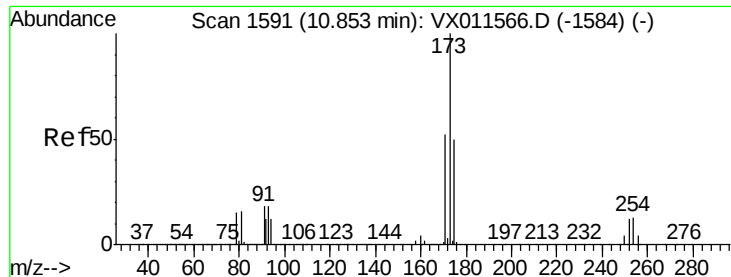
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#70
Styrene
Concen: 19.974 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	174632		
78	49.6	38.2	57.4	
103	56.8	43.6	65.4	





#71

Bromoform

Concen: 18.652 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

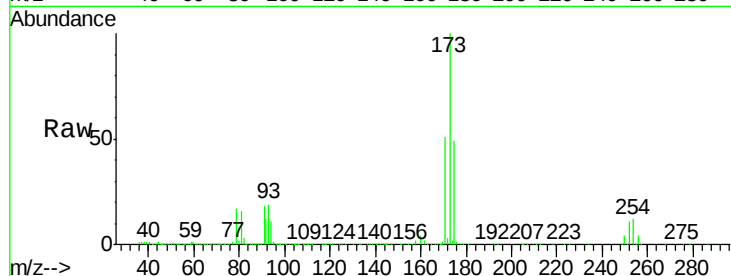
ClientSampleId :

VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.7
254	0.3	0.1	0.1

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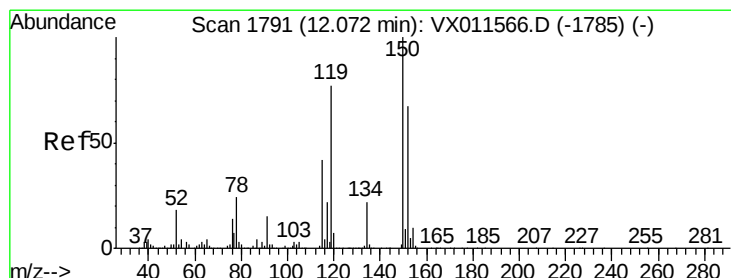
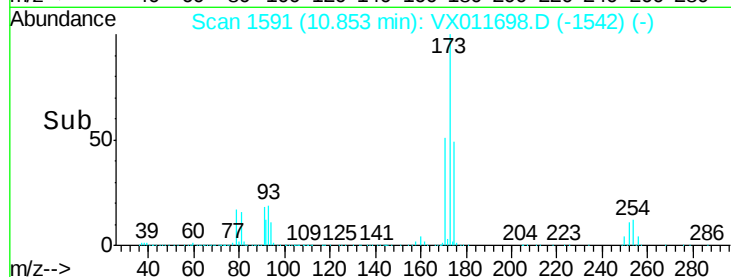
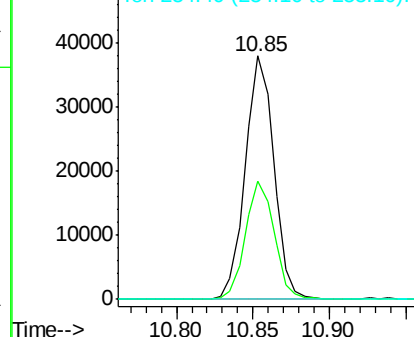


Abundance

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

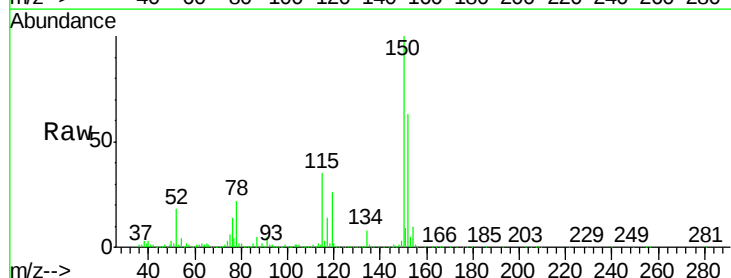
RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	37.3	111.9
150	163.5	0.0	346.2

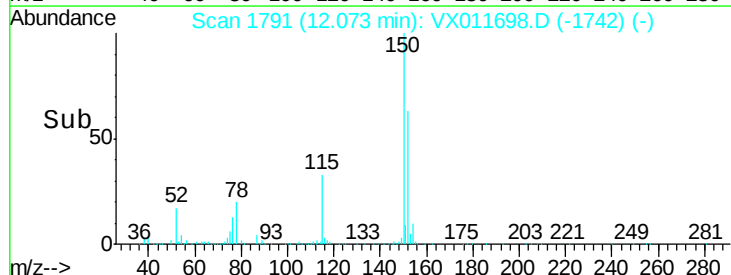
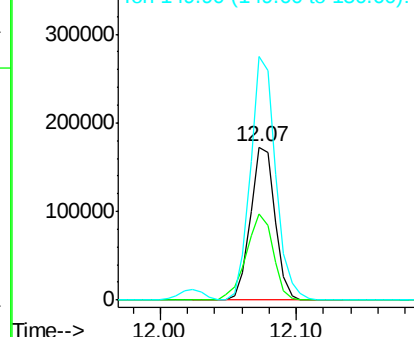


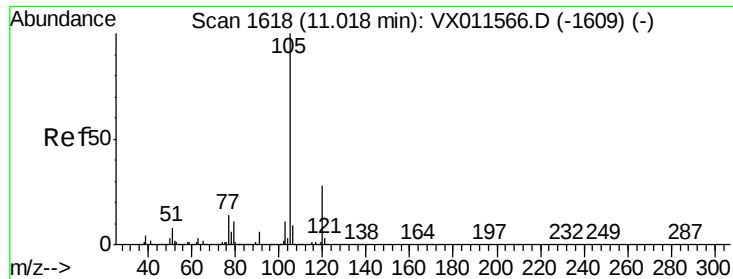
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.480 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 105 Resp: 289835

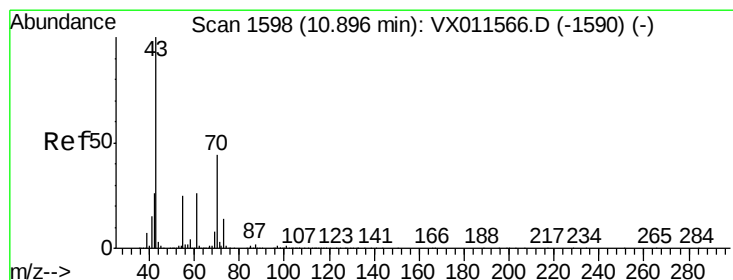
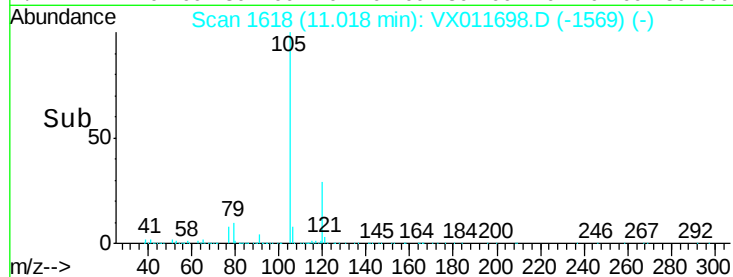
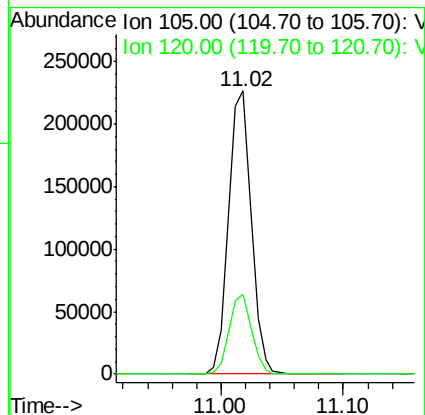
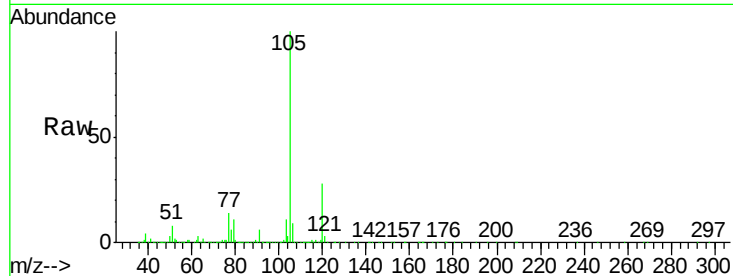
Ion Ratio Lower Upper

105 100

120 27.8 14.0 41.9

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#74

N-ethyl acetate

Concen: 18.172 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion: 43 Resp: 109291

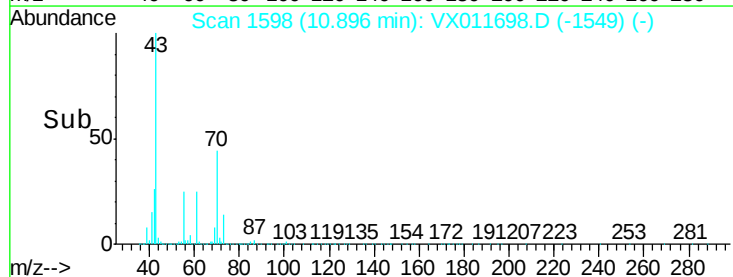
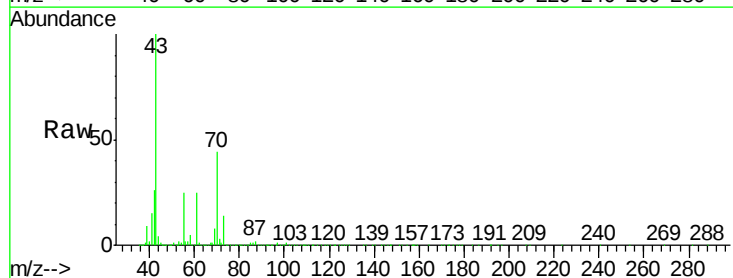
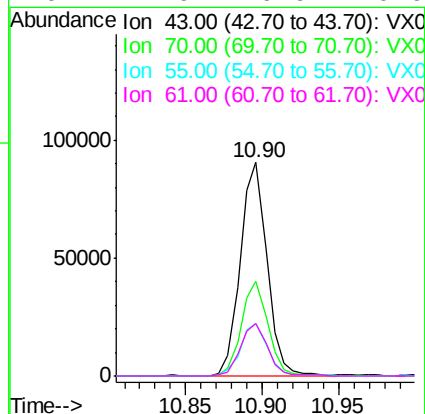
Ion Ratio Lower Upper

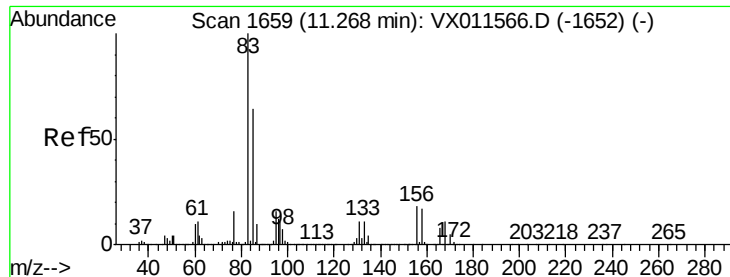
43 100

70 44.1 34.7 52.1

55 25.2 19.6 29.4

61 24.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.609 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

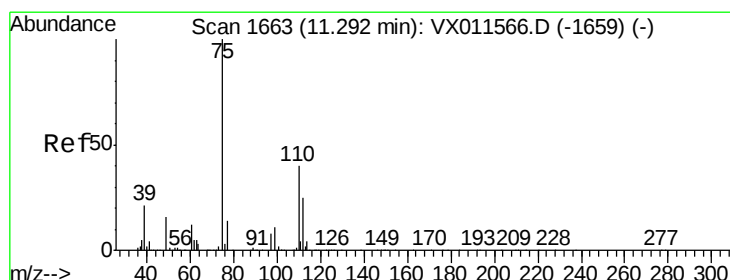
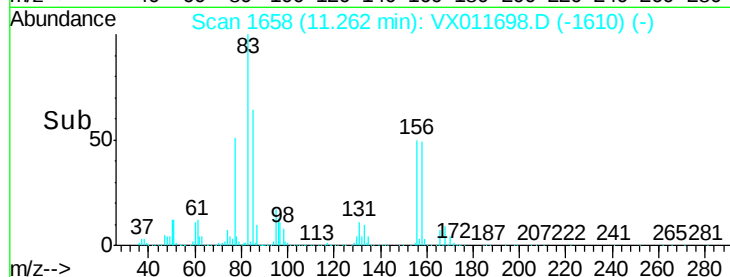
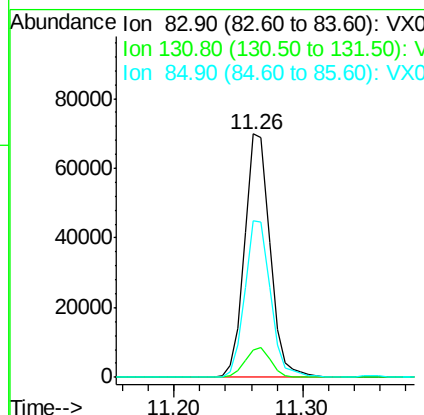
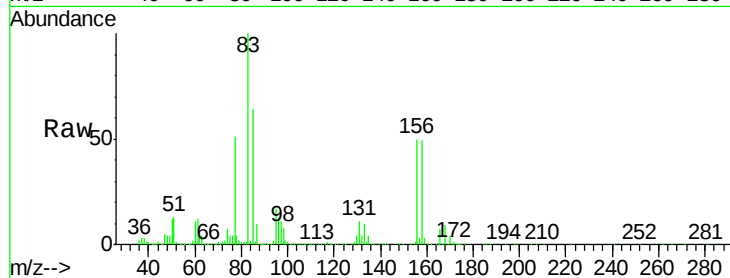
ClientSampleId :

VX0820WBSD02

Tot Ion:	83	Resp:	95461
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.8	17.3
85	64.8	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.025 ug/l m

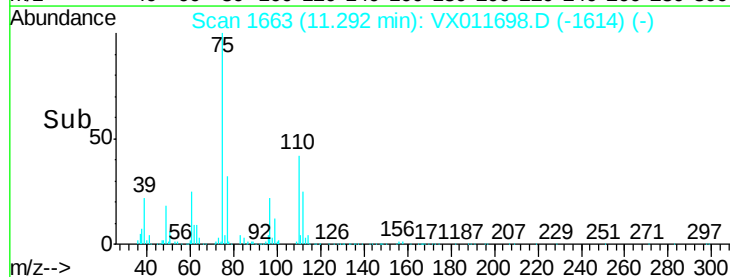
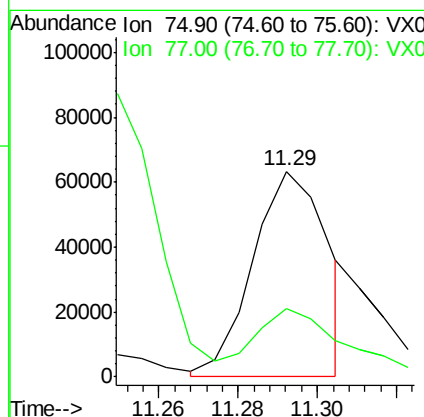
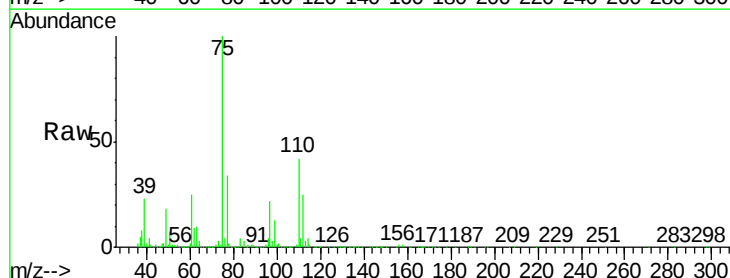
RT: 11.29 min Scan# 1663

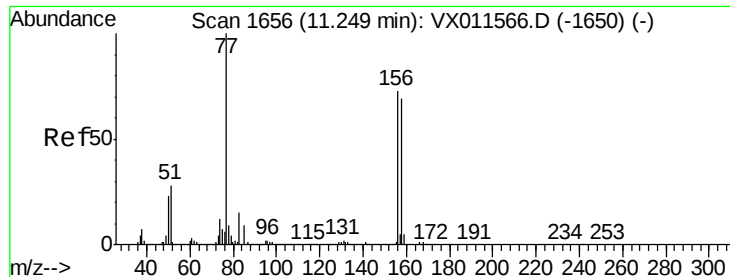
Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion:	75	Resp:	82817
Ion Ratio	Lower	Upper	
75	100		
77	40.3	20.9	62.8





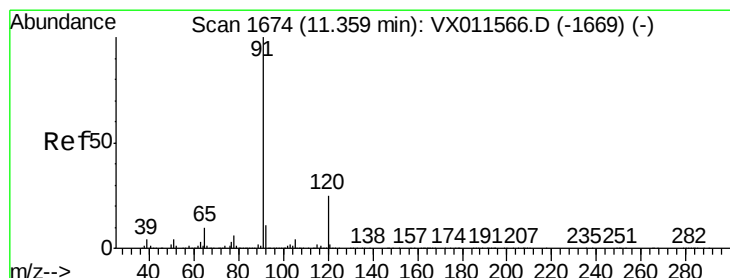
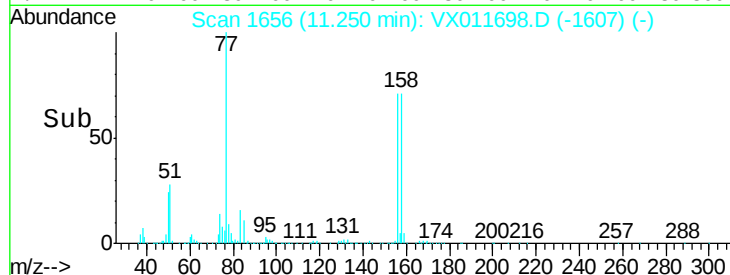
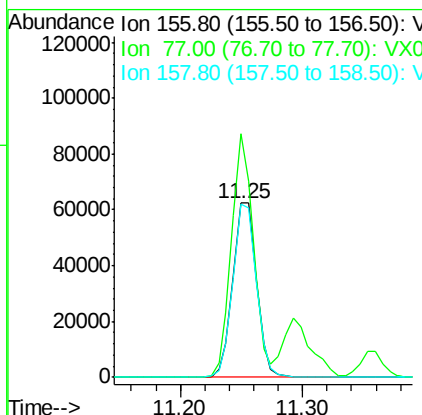
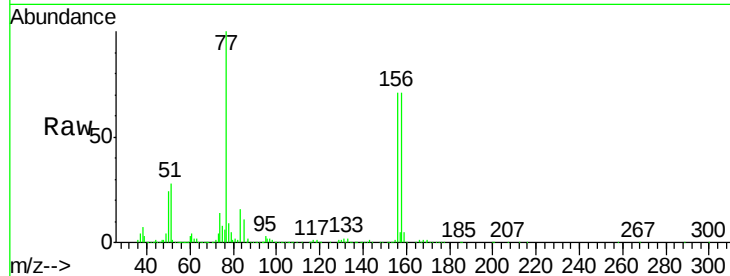
#77
Bromobenzene
Concen: 19.903 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	128.7	64.6	193.9
158	98.1	48.4	145.3

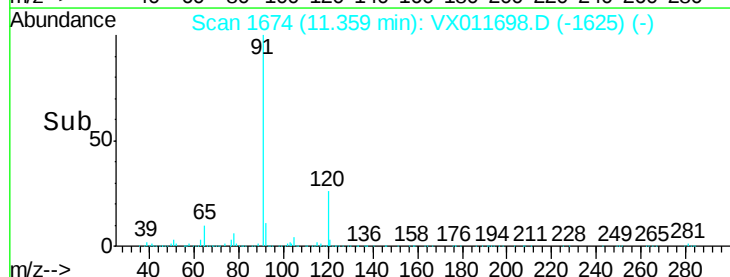
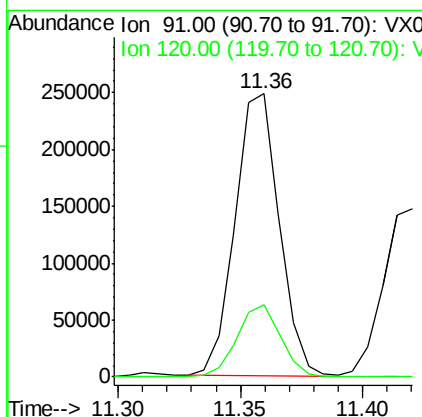
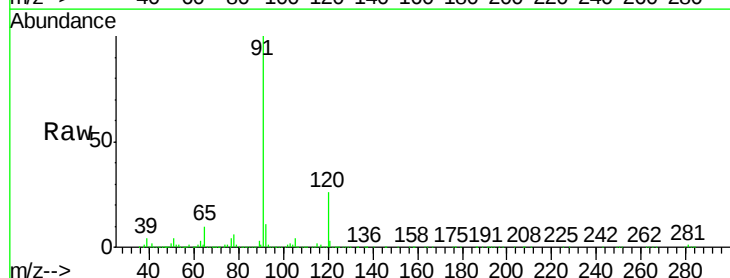
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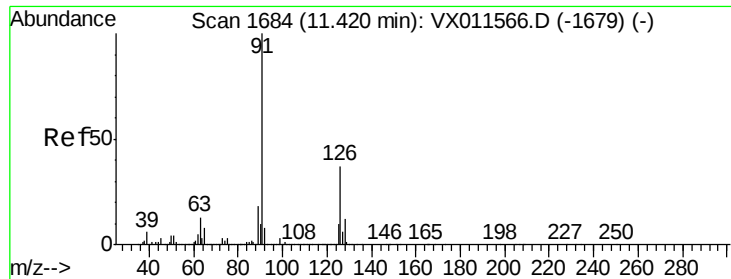
MMDadoda
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#78
n-propylbenzene
Concen: 20.438 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.2	12.6	37.6





#79

2-Chlorotoluene

Concen: 20.421 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD02

Tot Ion: 91 Resp: 191356

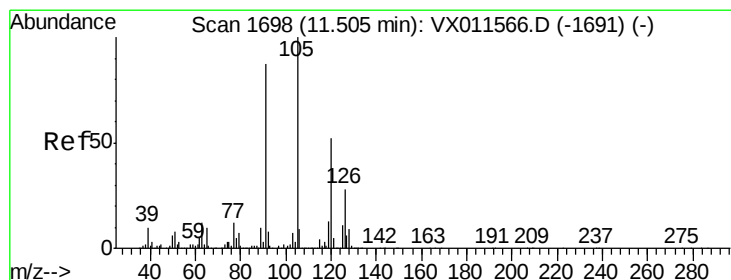
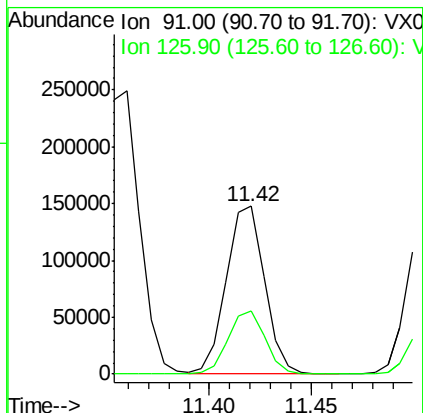
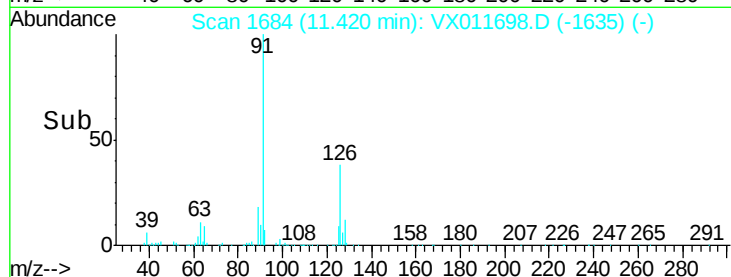
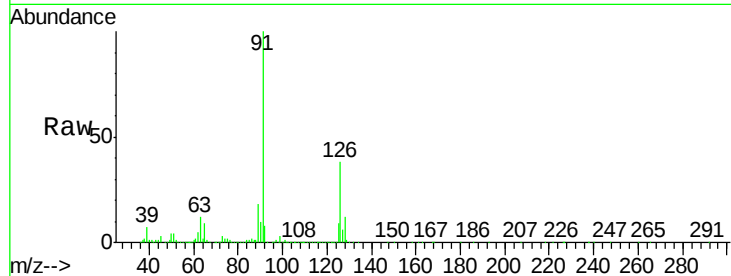
Ion Ratio Lower Upper

91 100

126 36.8 18.4 55.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 20.641 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011698.D

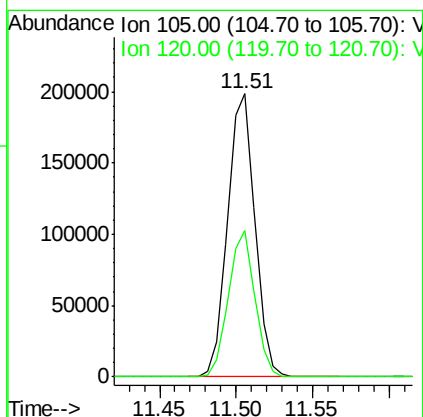
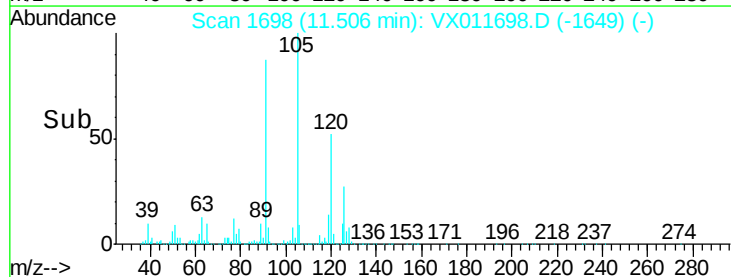
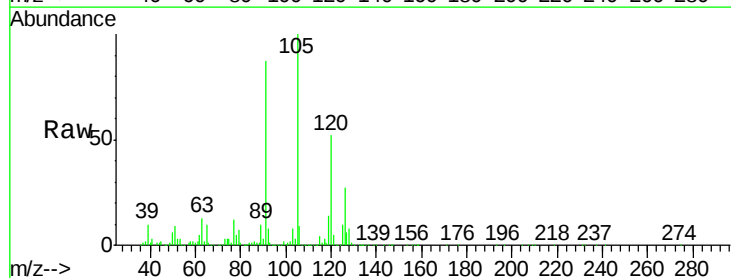
Acq: 20 Aug 2019 21:17

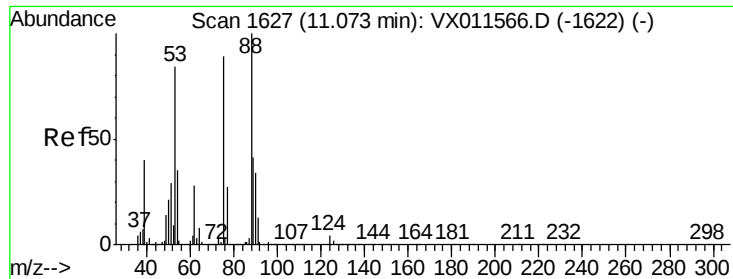
Tgt Ion: 105 Resp: 245382

Ion Ratio Lower Upper

105 100

120 50.2 25.3 75.8





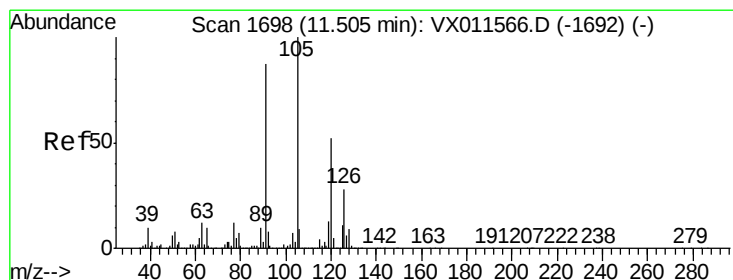
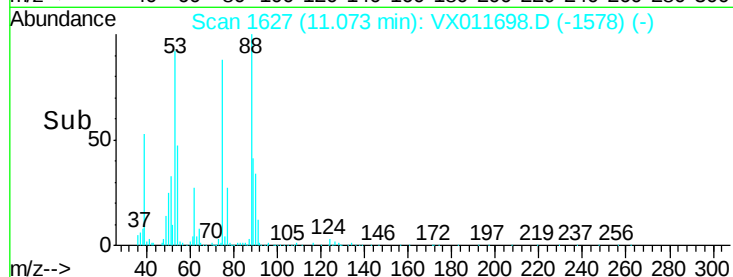
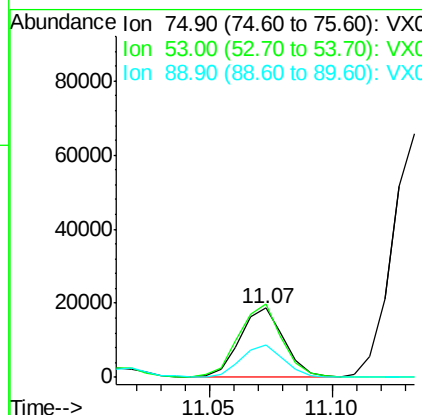
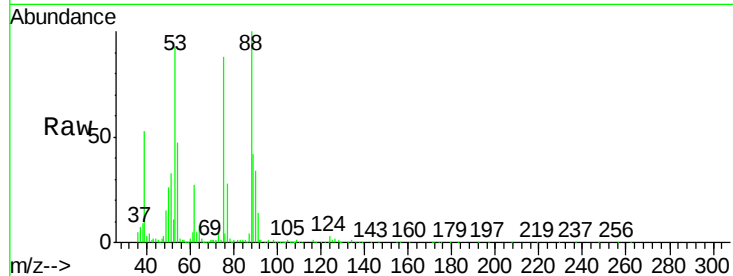
#81
trans-1,4-Dichloro-2-butene
Concen: 18.186 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.6	77.4	116.0
89	47.1	37.3	55.9

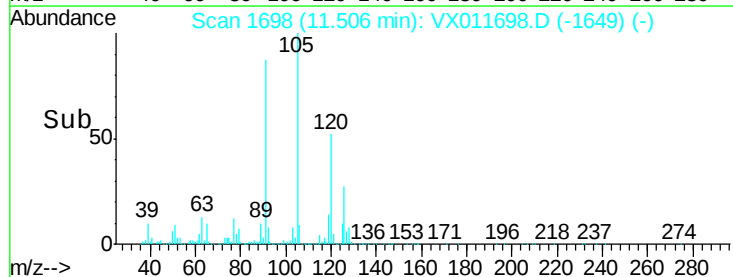
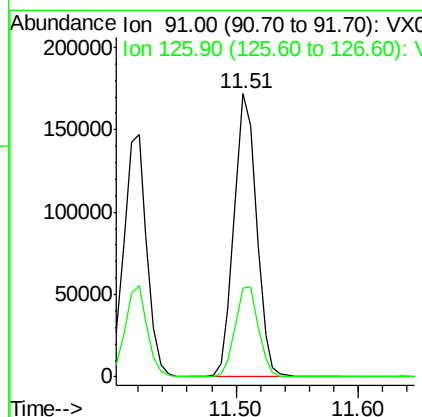
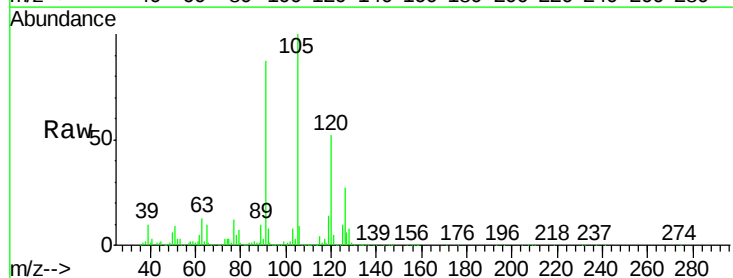
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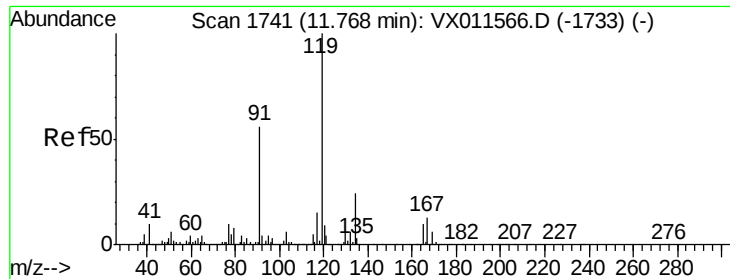
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#82
4-Chlorotoluene
Concen: 20.029 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.1





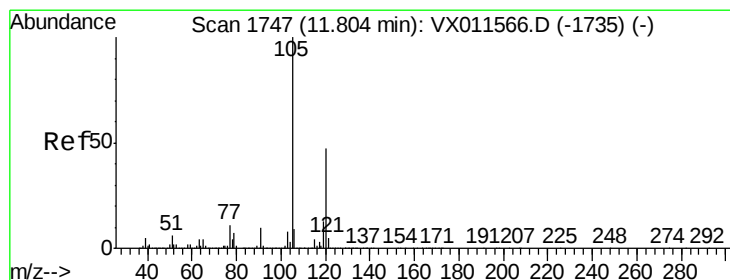
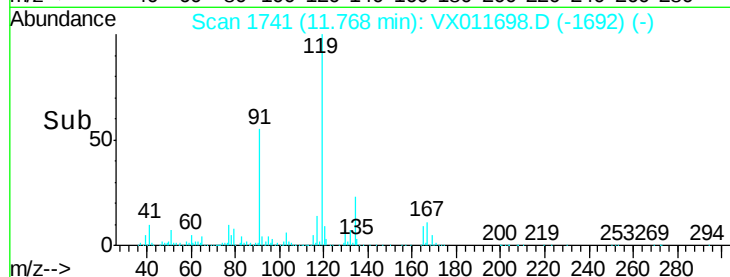
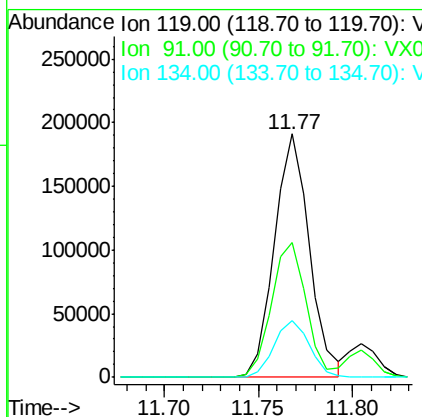
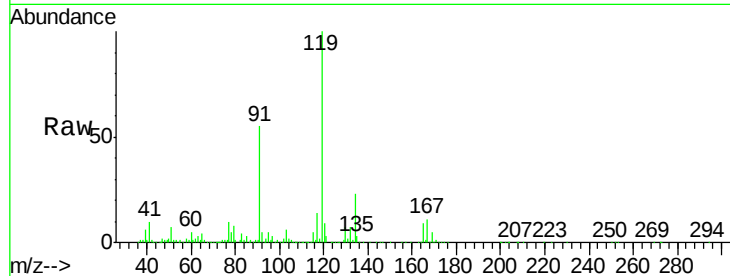
#83
 tert-Butylbenzene
 Concen: 20.257 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	245269		
91	55.7	27.1	81.3	
134	23.8	11.8	35.3	

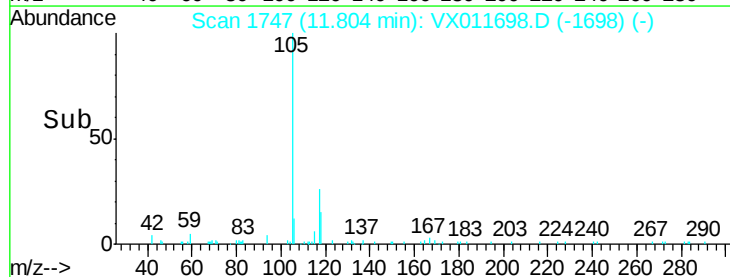
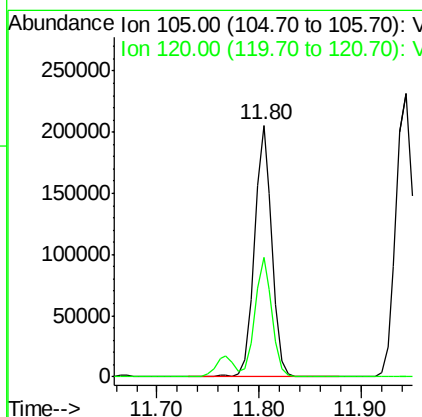
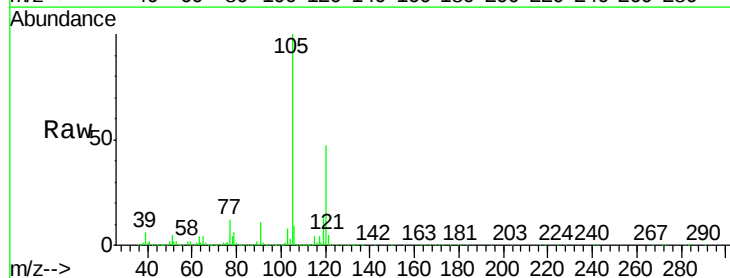
Manual Integrations
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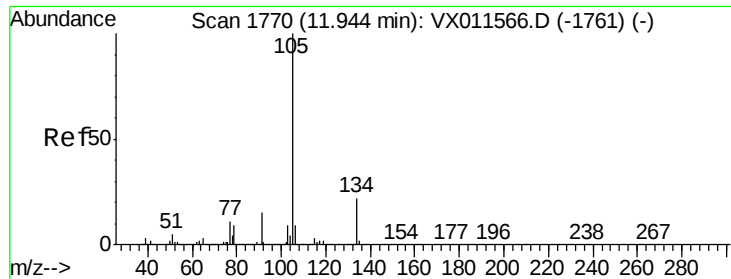
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.595 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	245798		
120	46.7	23.3	69.9	





#85

sec-Butylbenzene

Concen: 20.359 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

ClientSampleID :

VX0820WBSD02

Tot Ion:105 Resp: 278111

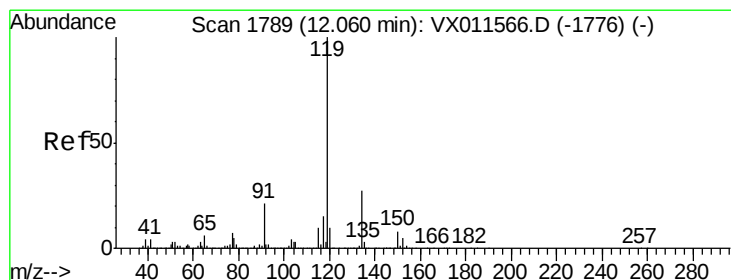
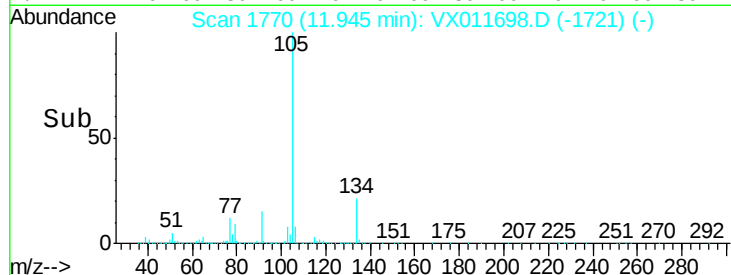
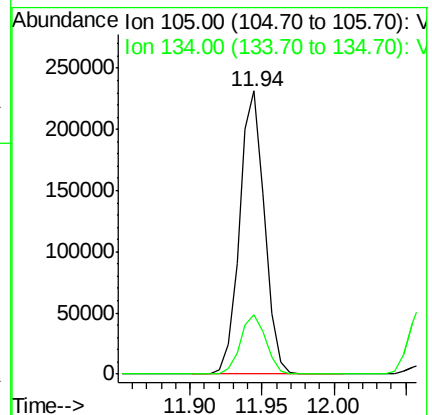
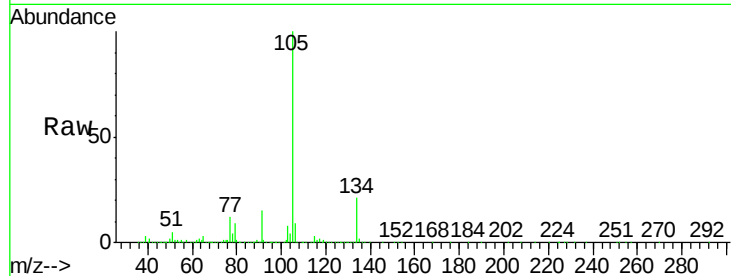
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.371 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

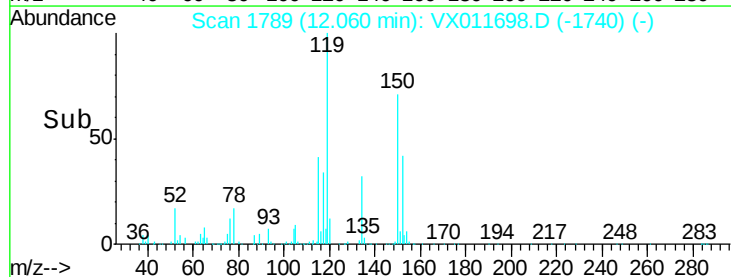
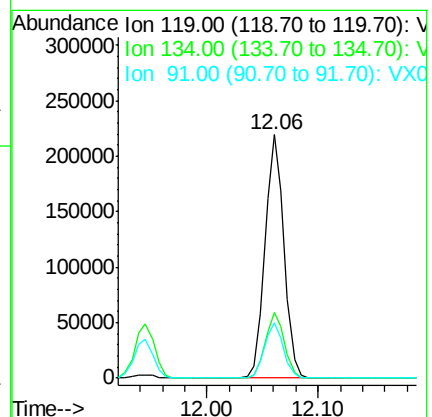
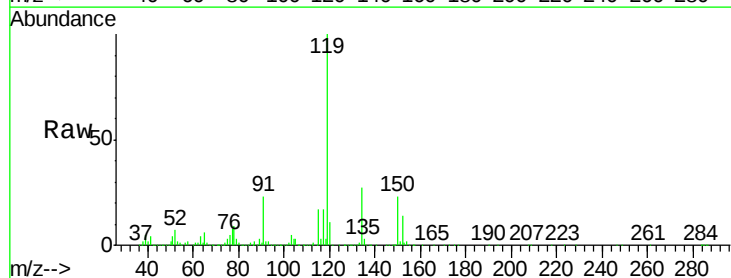
Tgt Ion:119 Resp: 261794

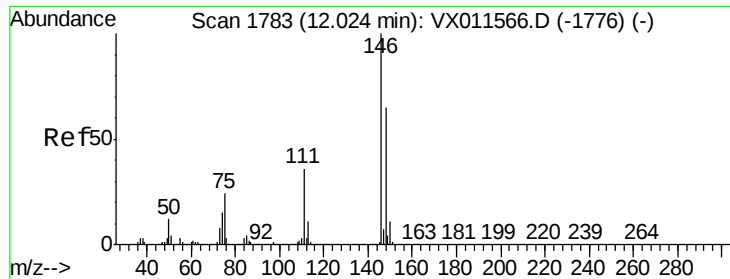
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 22.5 10.9 32.9





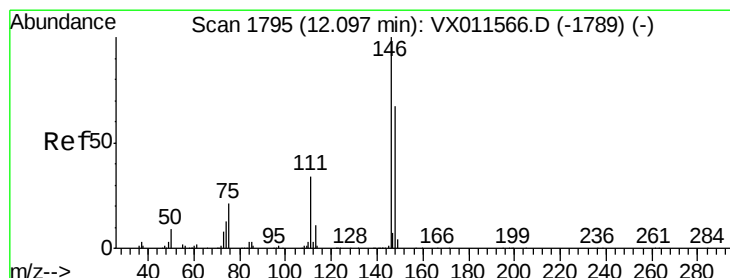
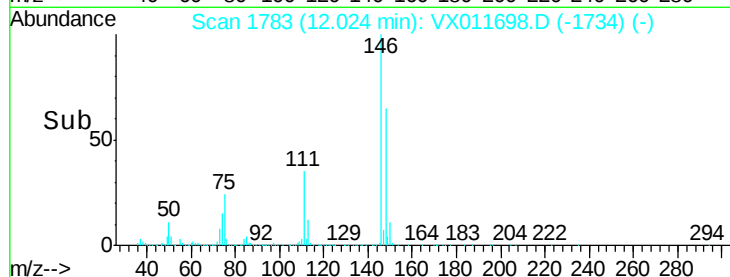
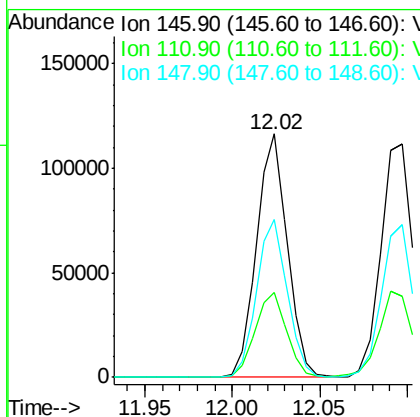
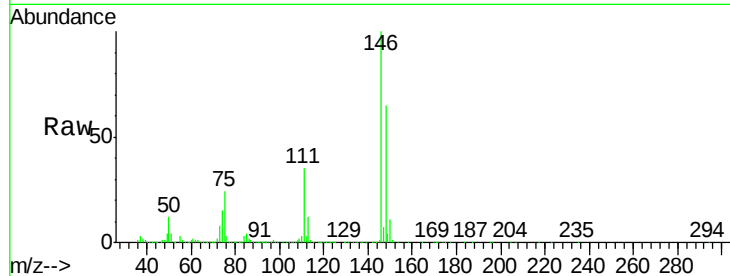
#87
 1,3-Dichlorobenzene
 Concen: 19.632 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.4
148	64.9	32.0	96.0

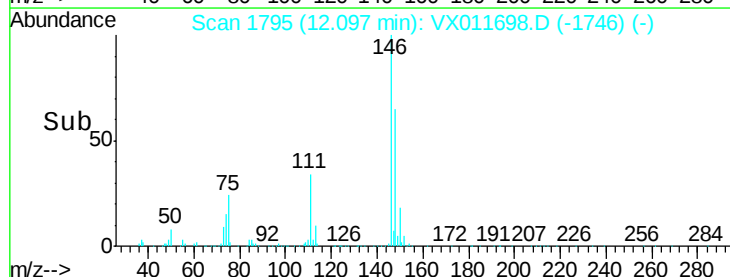
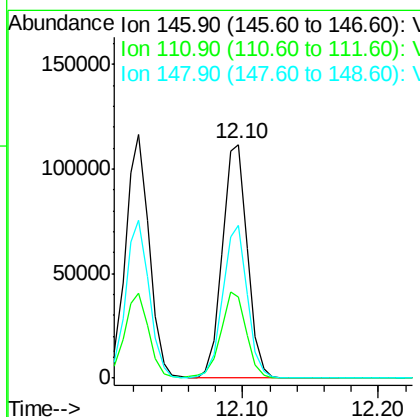
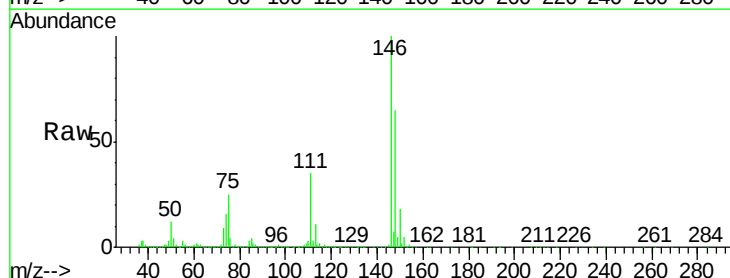
Manual Integrations
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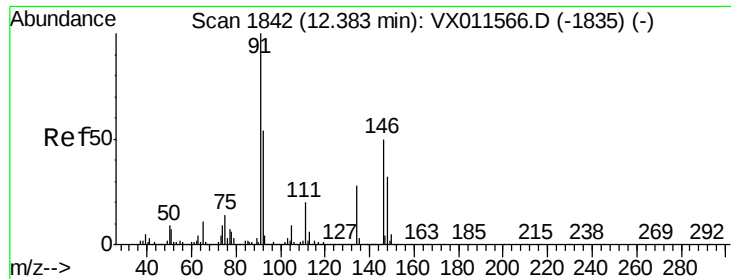
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#88
 1,4-Dichlorobenzene
 Concen: 19.391 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	17.9	53.7
148	64.1	32.5	97.5





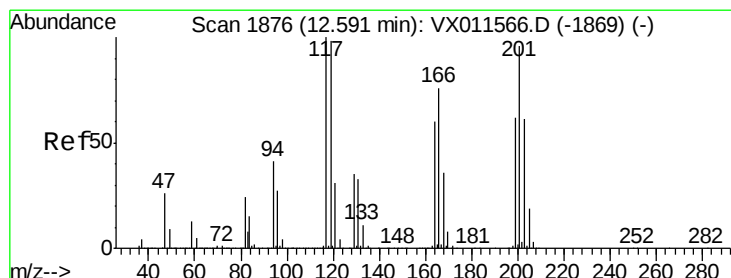
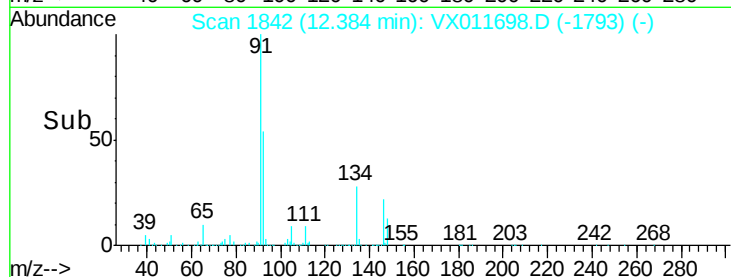
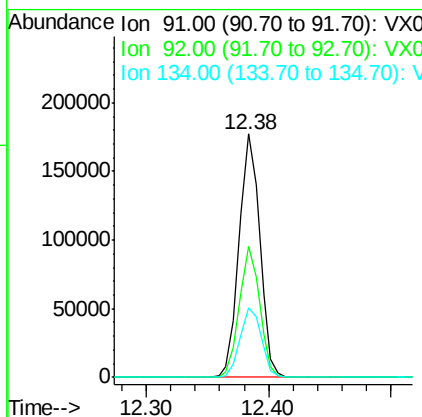
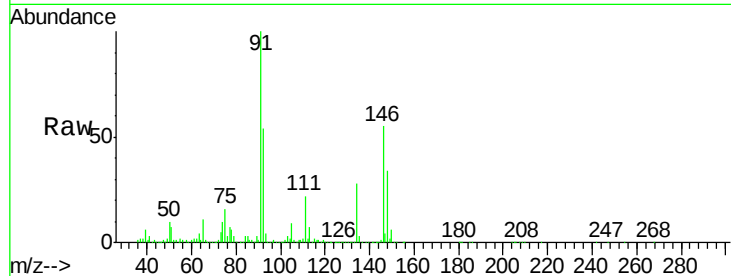
#89
n-Butylbenzene
Concen: 19.614 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	207237		
92	52.7	26.8	80.3	
134	29.2	14.6	44.0	

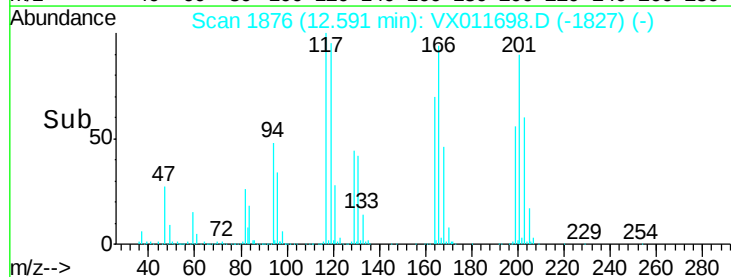
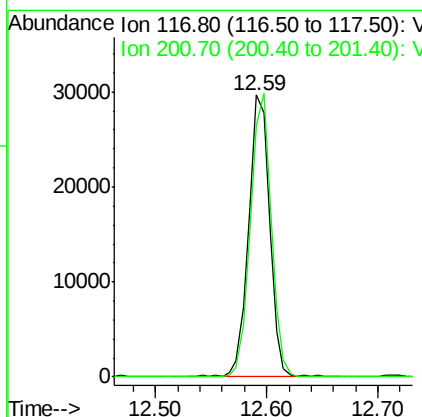
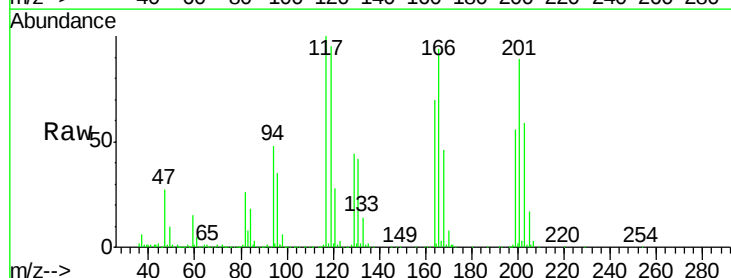
Manual Integrations
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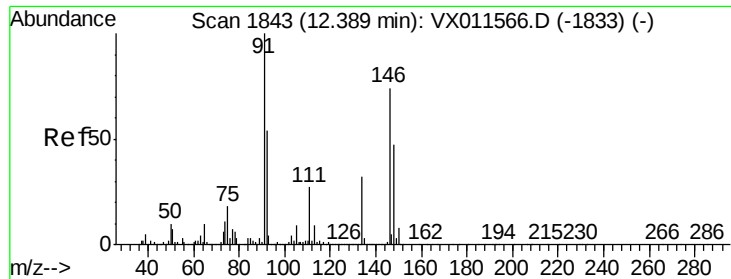
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#90
Hexachloroethane
Concen: 19.283 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011698.D
Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39134		
201	98.6	51.9	155.7	





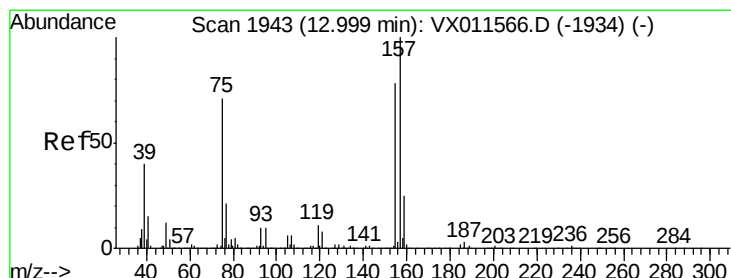
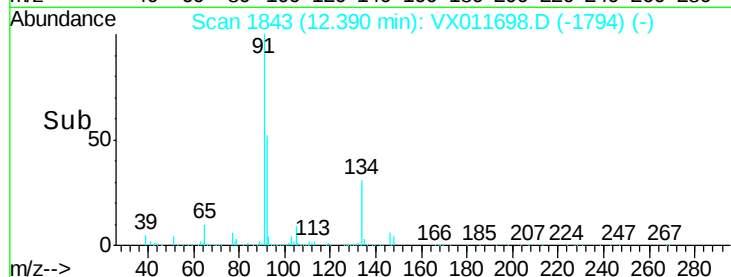
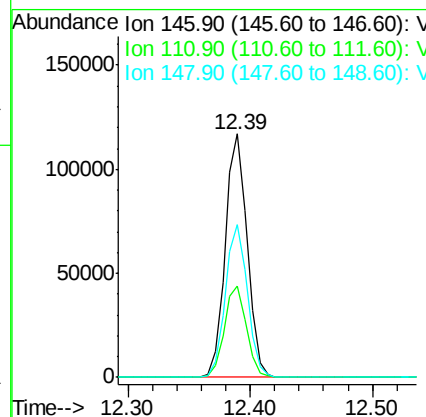
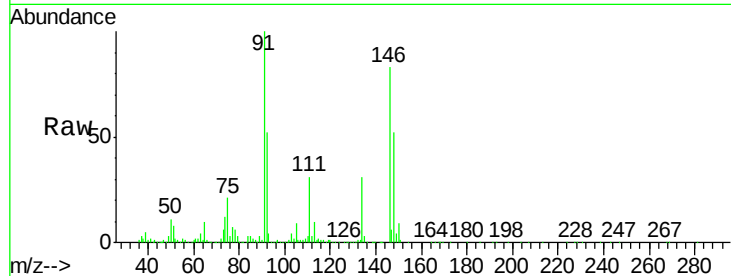
#91
 1,2-Dichlorobenzene
 Concen: 20.039 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	145584		
111	37.7	18.9	56.7	
148	63.1	31.9	95.9	

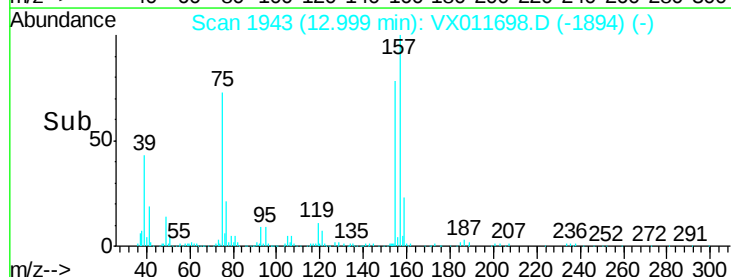
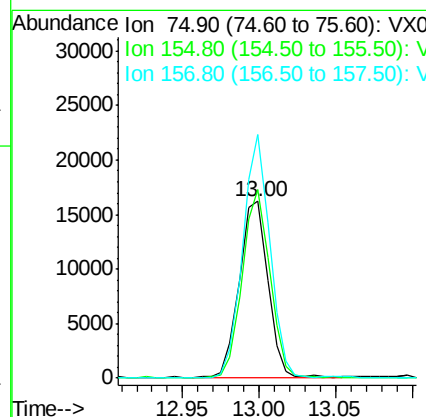
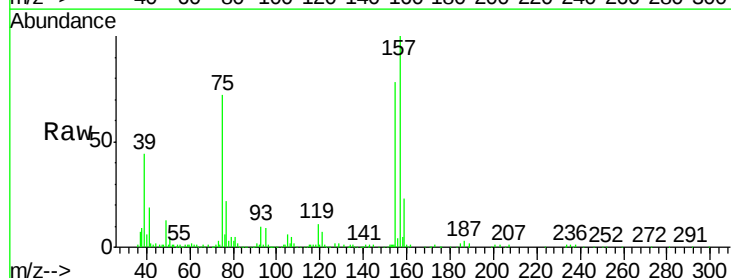
Manual Integrations
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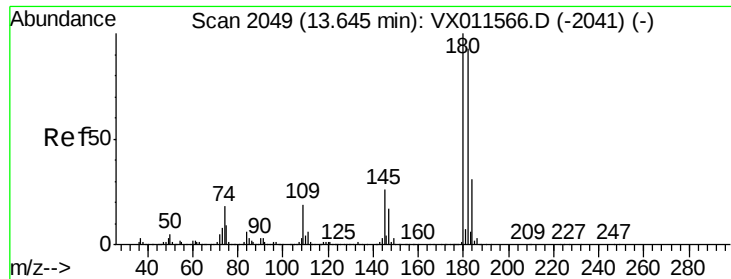
MMDadoda
 8/21/2019 9:36:26 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.864 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21010		
155	103.7	53.0	159.0	
157	130.8	68.3	205.1	





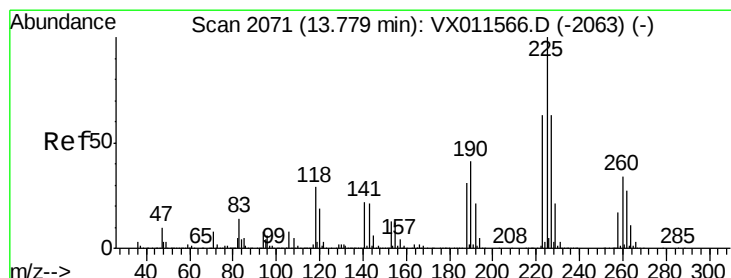
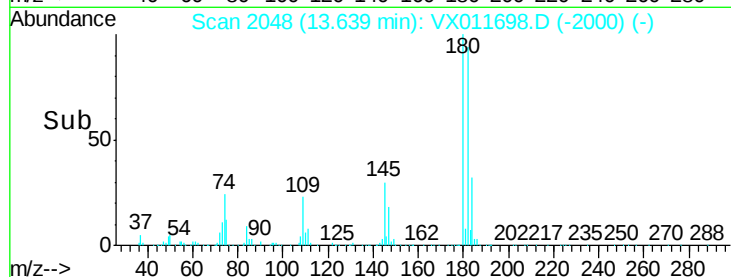
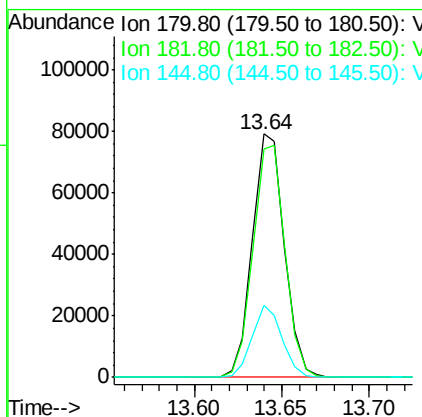
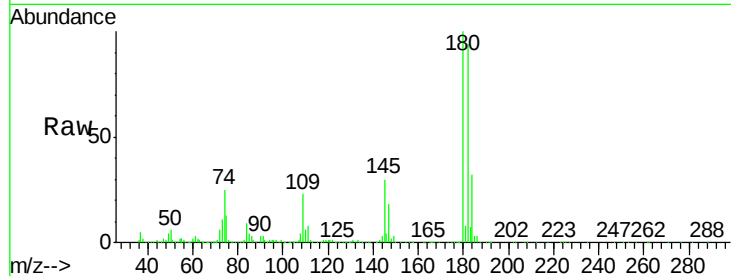
#93
 1,2,4-Trichlorobenzene
 Concen: 18.694 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0820WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	101191		
182	96.0	47.3	142.0	
145	27.8	13.6	40.8	

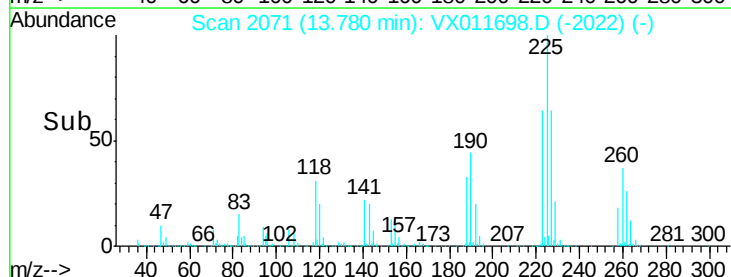
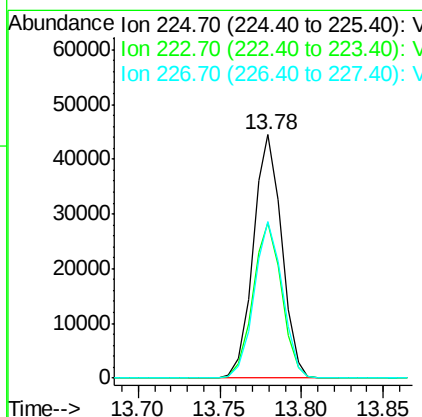
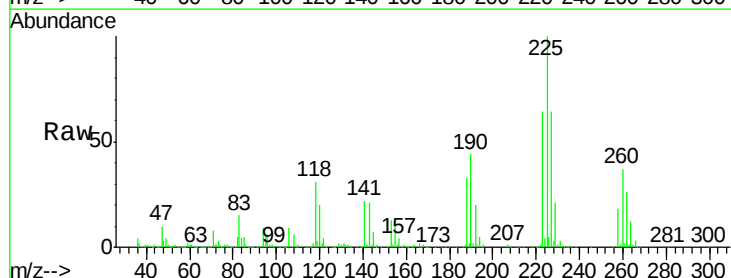
Manual Integrations
 APPROVED

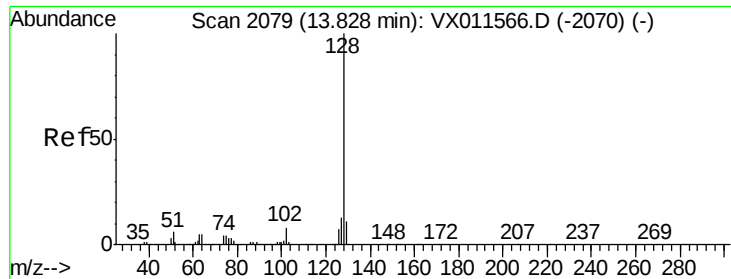
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 8/21/2019 9:36:26 AM



#94
 Hexachlorobutadiene
 Concen: 18.359 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011698.D
 Acq: 20 Aug 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54115		
223	64.2	31.4	94.0	
227	63.7	31.2	93.6	





#95

Naphthalene

Concen: 20.033 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Instrument :

MSVOA_X

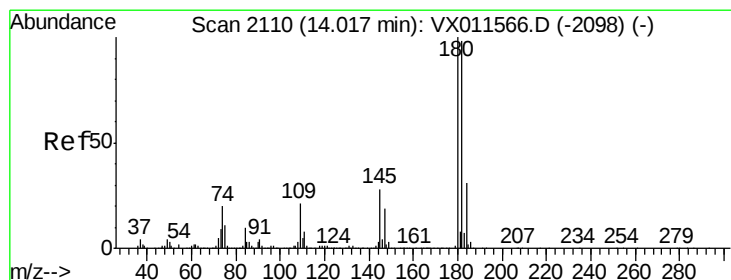
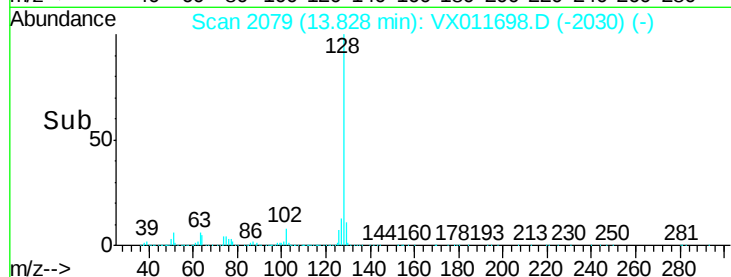
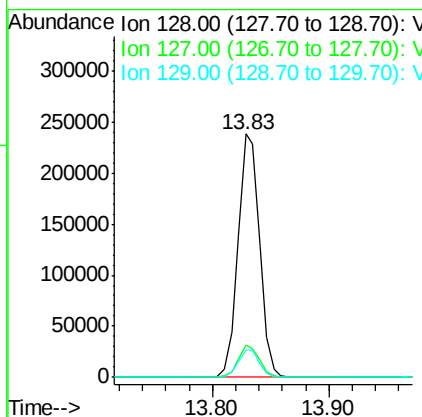
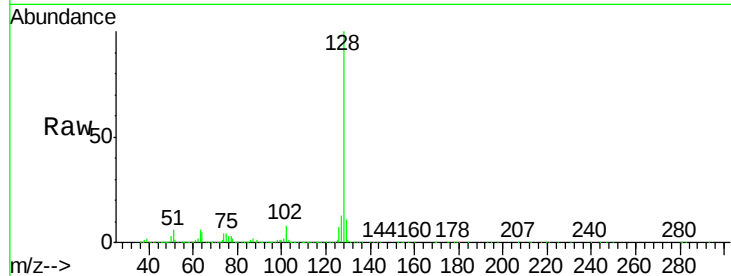
ClientSampleId :

VX0820WBSD02

Tot Ion:	128	Resp:	306558
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
APPROVED

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8/21/2019 9:36:26 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.634 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011698.D

Acq: 20 Aug 2019 21:17

Tgt Ion:	180	Resp:	107199
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.0	144.0
145	29.4	14.6	43.8

