

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008428.D
 Acq On : 25 Mar 2019 22:32
 Operator : JC/SP
 Sample : VX0325WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:47:11 AM

Quant Time: Mar 26 06:58:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133423	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	148677	51.59	ug/l	0.00
Spiked Amount						
			Recovery	=	103.18%	
35) Dibromofluoromethane	5.50	113	109670	51.45	ug/l	0.00
Spiked Amount						
			Recovery	=	102.90%	
50) Toluene-d8	8.71	98	434953	51.03	ug/l	0.00
Spiked Amount						
			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	156648	49.60	ug/l	0.00
Spiked Amount						
			Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40142	17.915	ug/l	99
3) Chloromethane	1.32	50	57260	19.861	ug/l	100
4) Vinyl Chloride	1.40	62	59312	18.958	ug/l	96
5) Bromomethane	1.64	94	31734	20.435	ug/l	99
6) Chloroethane	1.72	64	58721	31.683	ug/l	91
7) Trichlorofluoromethane	1.93	101	67782	19.129	ug/l	99
8) Diethyl Ether	2.18	74	32483	19.371	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40002	18.680	ug/l	100
10) Methyl Iodide	2.51	142	42529	22.855	ug/l	99
11) Tert butyl alcohol	3.04	59	64720	101.362	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41870	18.932	ug/l	94
13) Acrolein	2.29	56	19072	41.132	ug/l	98
14) Allyl chloride	2.73	41	90473	18.569	ug/l	99
15) Acrylonitrile	3.14	53	159966	95.544	ug/l	99
16) Acetone	2.44	43	140643	93.374	ug/l	98
17) Carbon Disulfide	2.57	76	124003	16.903	ug/l	100
18) Methyl Acetate	2.77	43	70829	19.579	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	155258	19.482	ug/l	99
20) Methylene Chloride	2.85	84	50482	20.154	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	44121	19.858	ug/l	98
22) Diisopropyl ether	3.85	45	184869	19.270	ug/l	100
23) Vinyl Acetate	3.81	43	828224	98.952	ug/l	100
24) 1,1-Dichloroethane	3.70	63	93007	19.203	ug/l	99
25) 2-Butanone	4.67	43	235543	97.543	ug/l	99
26) 2,2-Dichloropropane	4.59	77	55490	17.225	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	51574	19.071	ug/l	98
28) Bromochloromethane	5.02	49	49860	20.837	ug/l	100
29) Tetrahydrofuran	5.13	42	154109	96.832	ug/l	98
30) Chloroform	5.21	83	84961	19.437	ug/l	98
31) Cyclohexane	5.57	56	86386	18.701	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	67284	19.258	ug/l	99
36) 1,1-Dichloropropene	5.80	75	64214	18.423	ug/l	99
37) Ethyl Acetate	4.83	43	89598	19.842	ug/l	99
38) Carbon Tetrachloride	5.79	117	55695	19.147	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77029	18.492	ug/l	98
40) Benzene	6.14	78	200285	19.194	ug/l	98
41) Methacrylonitrile	5.04	41	50282	19.815	ug/l	99
42) 1,2-Dichloroethane	6.19	62	71888	18.816	ug/l	99
43) Isopropyl Acetate	6.45	43	137953	19.100	ug/l	99
44) Trichloroethene	7.21	130	44379	18.113	ug/l	97
45) 1,2-Dichloropropane	7.51	63	56624	19.091	ug/l	99
46) Dibromomethane	7.66	93	32995	19.050	ug/l	98
47) Bromodichloromethane	7.90	83	64170	19.356	ug/l	100
48) Methyl methacrylate	7.77	41	70001	19.370	ug/l	99
49) 1,4-Dioxane	7.74	88	28820	401.077	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	462931	98.682	ug/l	100
52) Toluene	8.78	92	119005	19.073	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	67086	18.475	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	77130	18.680	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49756	19.590	ug/l	99
56) Ethyl methacrylate	9.18	69	89281	19.474	ug/l	99
57) 1,3-Dichloropropane	9.37	76	87890	19.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	217850	91.925	ug/l	100
59) 2-Hexanone	9.49	43	357642	98.390	ug/l	100
60) Dibromochloromethane	9.58	129	45868	18.990	ug/l	98
61) 1,2-Dibromoethane	9.67	107	49410	19.063	ug/l	97
64) Tetrachloroethene	9.34	164	36388	18.451	ug/l	99
65) Chlorobenzene	10.13	112	120681	19.049	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	42270	19.339	ug/l	99
67) Ethyl Benzene	10.25	91	226538	18.947	ug/l	99
68) m/p-Xylenes	10.36	106	165395	38.025	ug/l	100
69) o-Xylene	10.69	106	80614	19.098	ug/l	100
70) Styrene	10.71	104	139277	19.102	ug/l	100
71) Bromoform	10.85	173	32044	18.564	ug/l #	99
73) Isopropylbenzene	11.02	105	216056	19.905	ug/l	100
74) N-amyl acetate	10.90	43	125885	20.037	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84323	20.022	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	78117m	19.694	ug/l	
77) Bromobenzene	11.26	156	49877	18.933	ug/l	98
78) n-propylbenzene	11.36	91	249048	19.586	ug/l	100
79) 2-Chlorotoluene	11.42	91	149110	19.280	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180921	19.715	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22560	18.216	ug/l	92
82) 4-Chlorotoluene	11.51	91	170329	19.093	ug/l	100
83) tert-Butylbenzene	11.77	119	172350	19.466	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180539	19.451	ug/l	99
85) sec-Butylbenzene	11.94	105	206758	19.610	ug/l	99
86) p-Isopropyltoluene	12.06	119	183023	19.673	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	86538	18.385	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	88820	18.698	ug/l	99
89) n-Butylbenzene	12.38	91	166160	18.854	ug/l	99
90) Hexachloroethane	12.60	117	29319	18.916	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	89423	18.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18567	20.219	ug/l	100

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

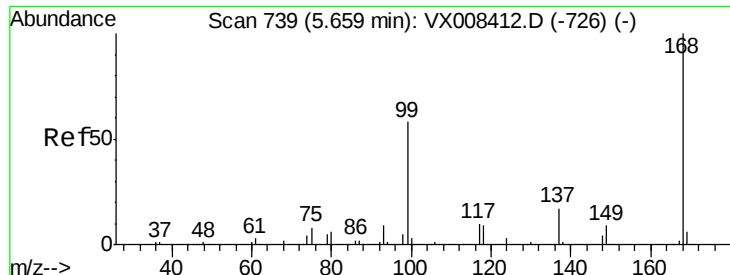
Manual Integrations
APPROVED

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:58:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58393	18.400	ug/l	99
94) Hexachlorobutadiene	13.78	225	28273	18.763	ug/l	99
95) Naphthalene	13.83	128	219690	20.192	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61644	19.331	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion:168 Resp: 190095

Ion Ratio Lower Upper

168 100

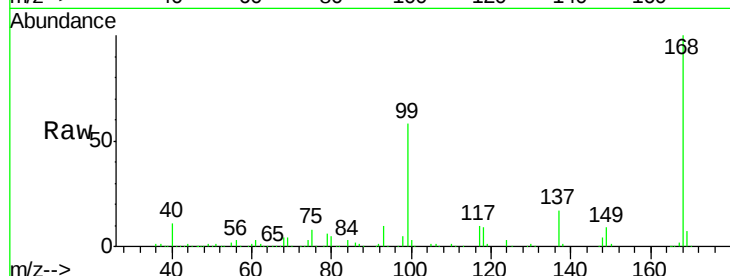
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Manual Integrations

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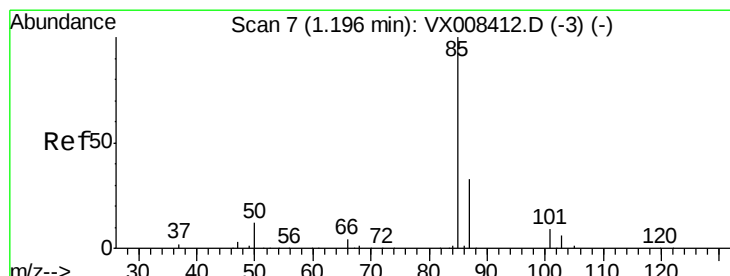
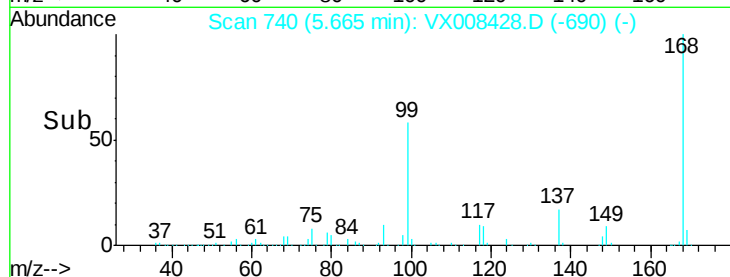
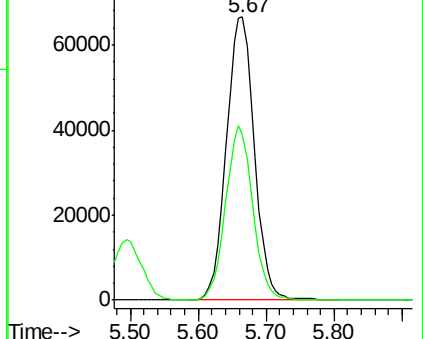
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.915 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008428.D

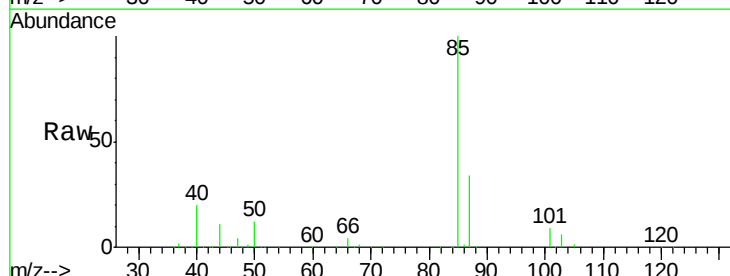
Acq: 25 Mar 2019 22:32

Tgt Ion: 85 Resp: 40142

Ion Ratio Lower Upper

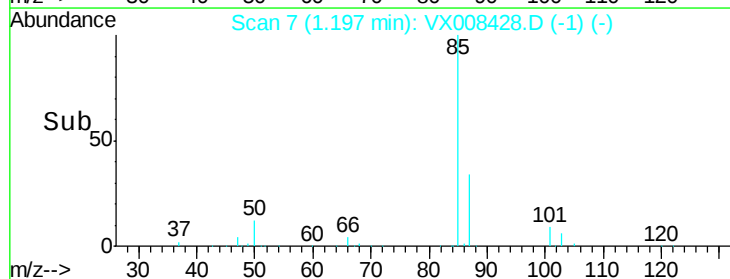
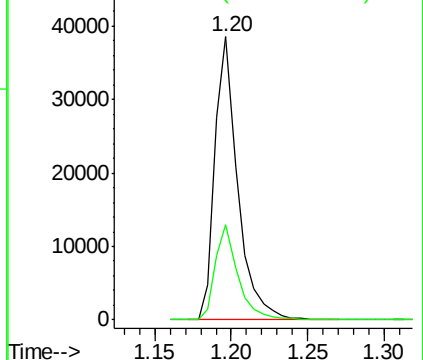
85 100

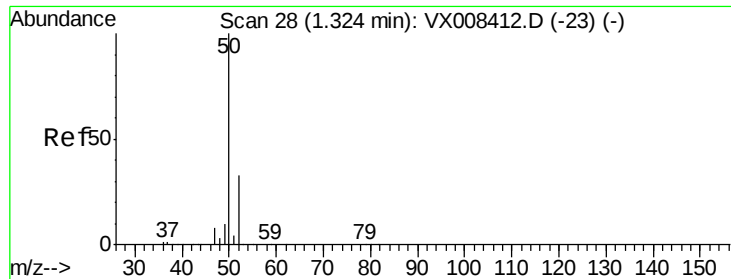
87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.861 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 50 Resp: 57260

Ion Ratio Lower Upper

50 100

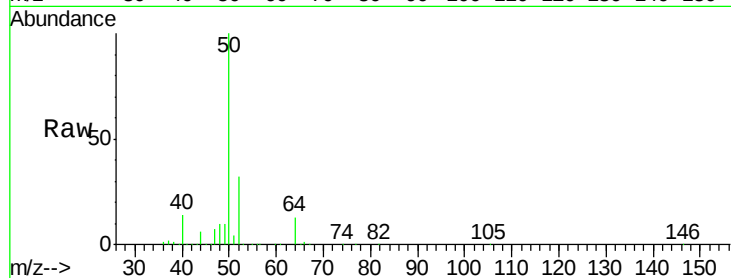
52 32.5 26.2 39.2

Manual Integrations

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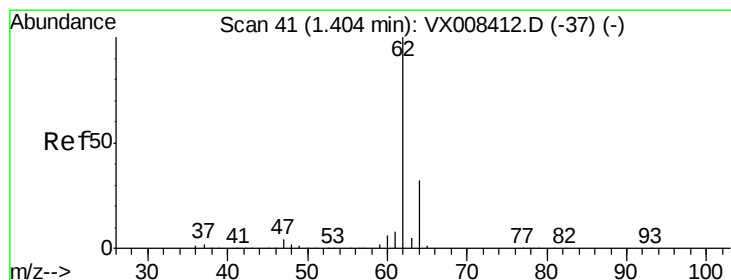
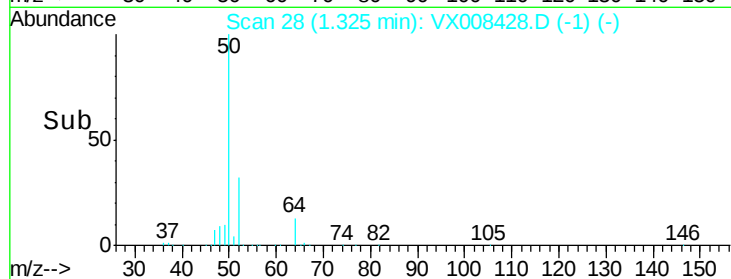
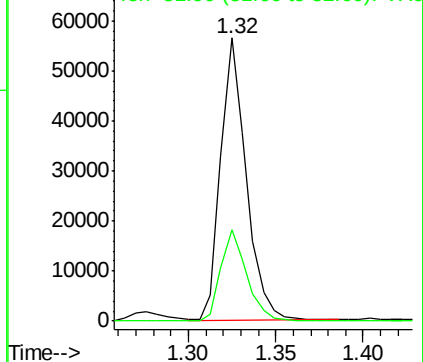
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.958 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008428.D

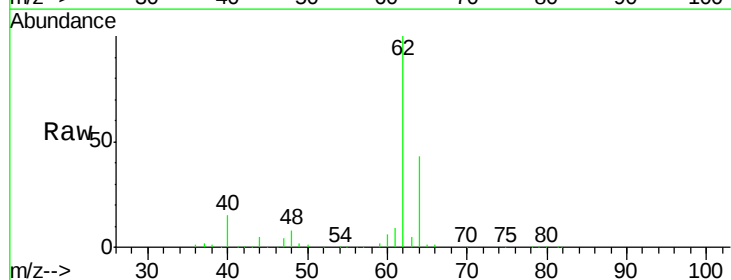
Acq: 25 Mar 2019 22:32

Tgt Ion: 62 Resp: 59312

Ion Ratio Lower Upper

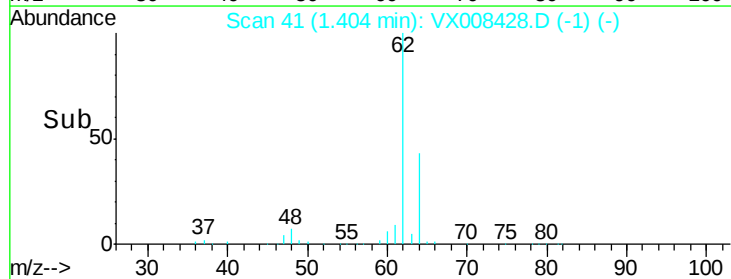
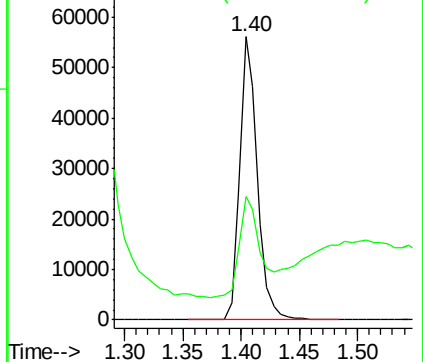
62 100

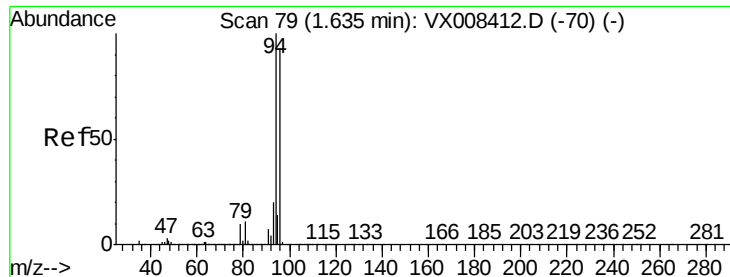
64 34.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.435 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 94 Resp: 31734

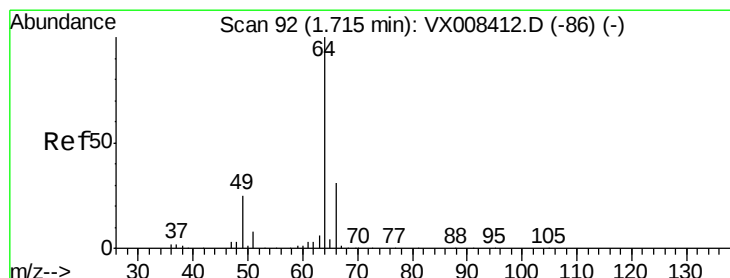
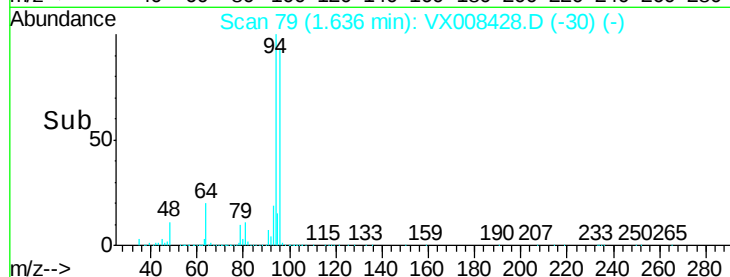
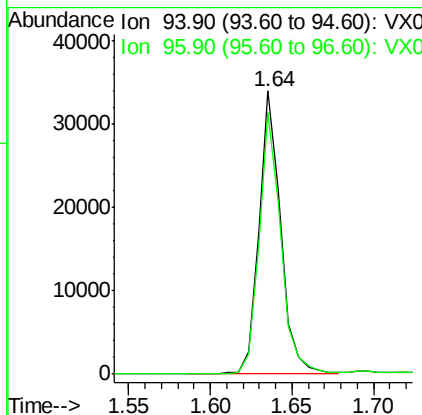
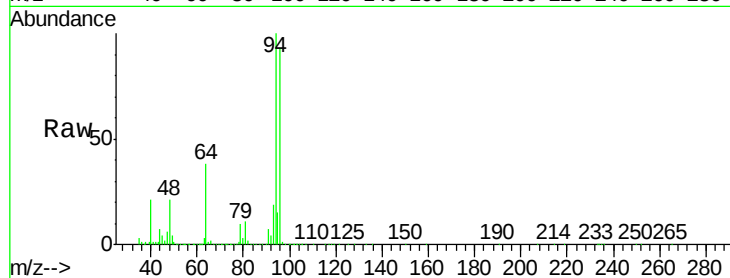
Ion Ratio Lower Upper

94 100

96 92.2 74.8 112.2

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#6

Chloroethane

Concen: 31.683 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008428.D

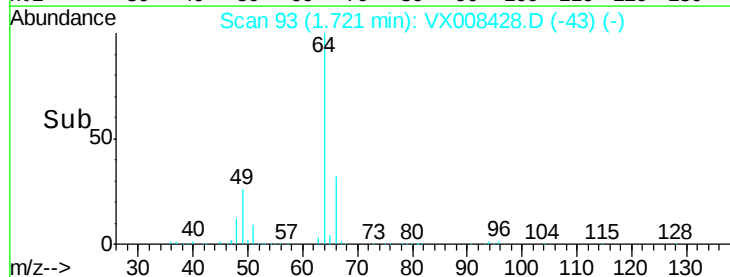
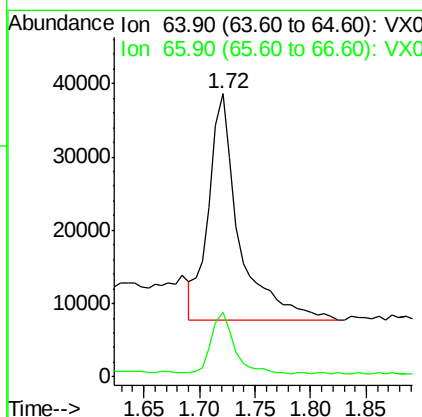
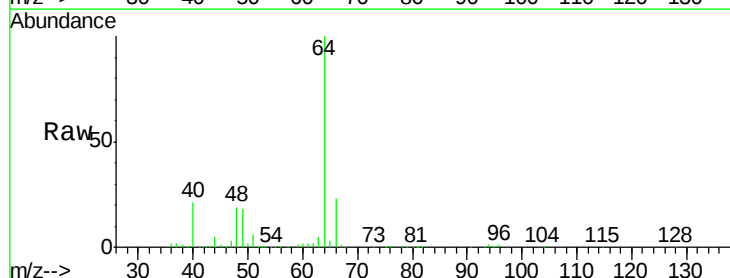
Acq: 25 Mar 2019 22:32

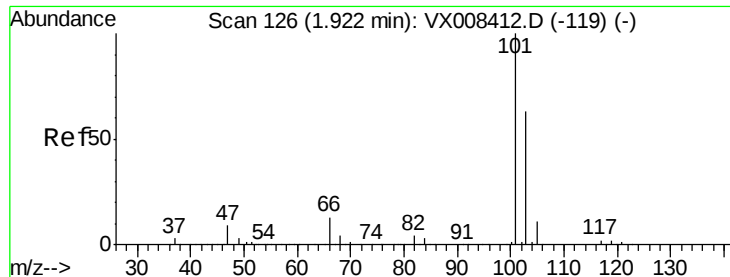
Tgt Ion: 64 Resp: 58721

Ion Ratio Lower Upper

64 100

66 26.6 25.1 37.7





#7

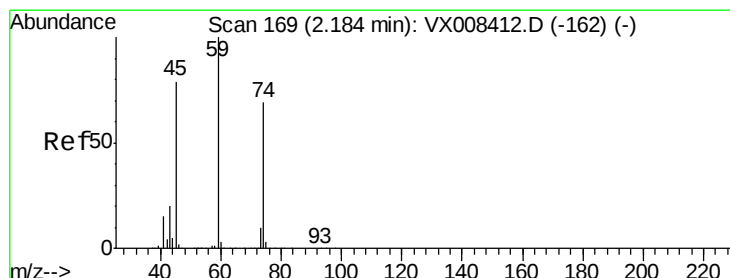
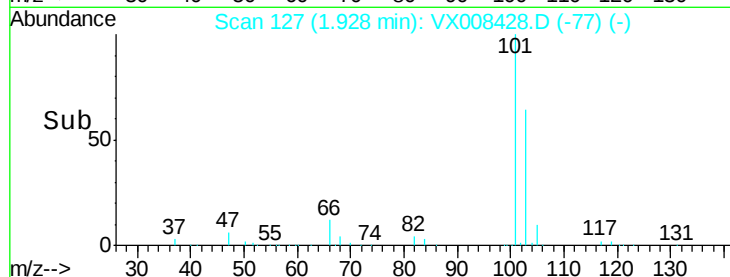
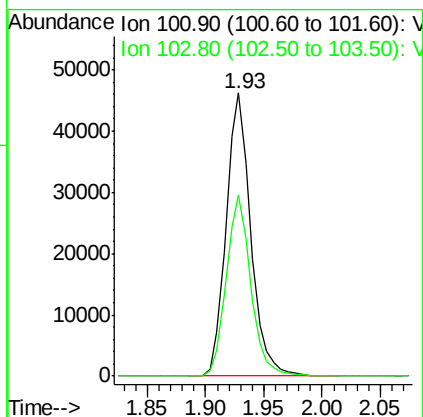
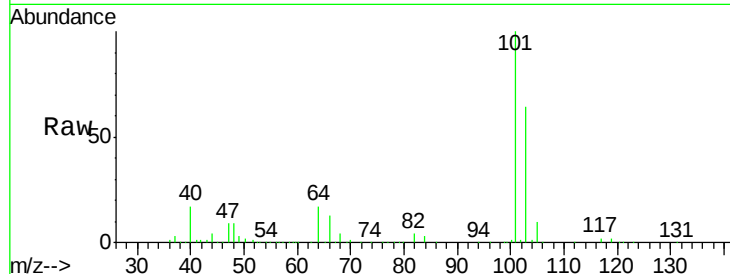
Trichlorofluoromethane
Concen: 19.129 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.2	75.4

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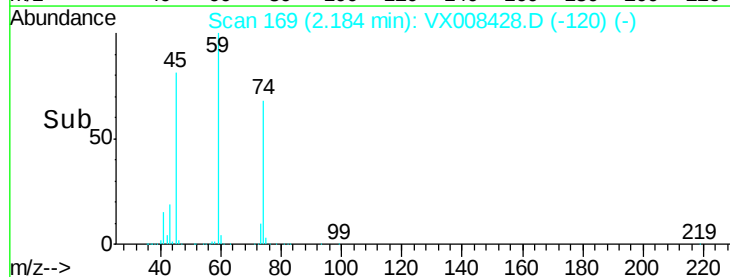
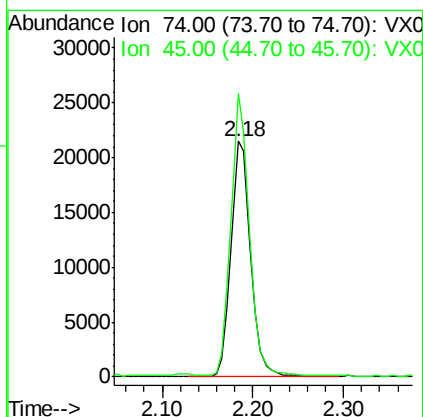
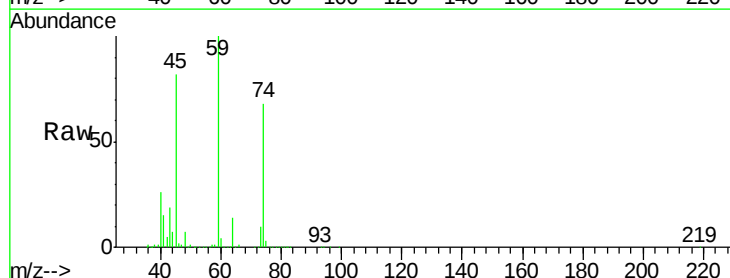
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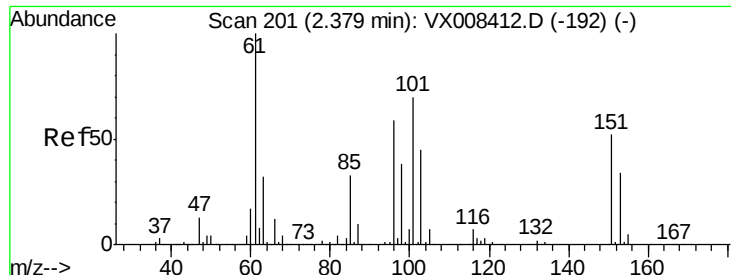


#8

Diethyl Ether
Concen: 19.371 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.6	56.4	169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.680 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008428.D

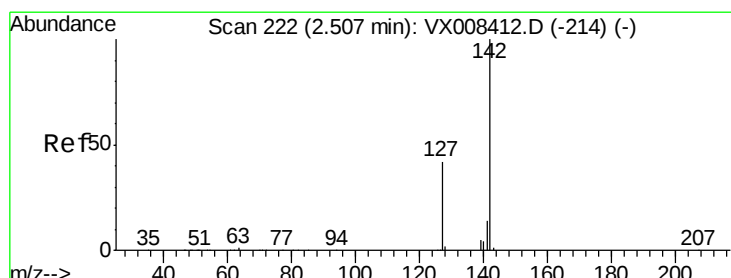
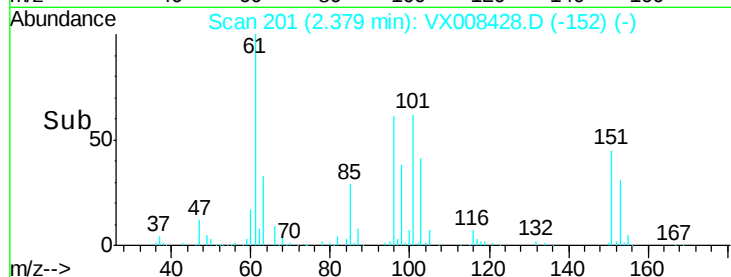
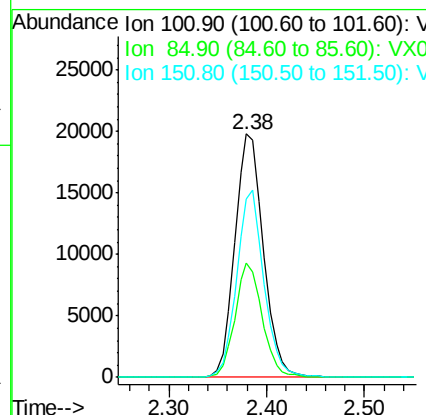
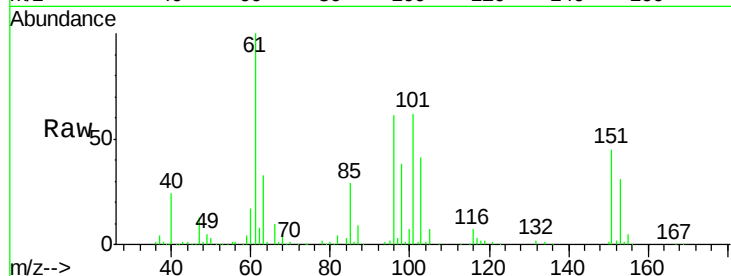
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.0	36.0	54.0
151	73.3	59.2	88.8

Manual Integrations
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#10

Methyl Iodide

Concen: 22.855 ug/l

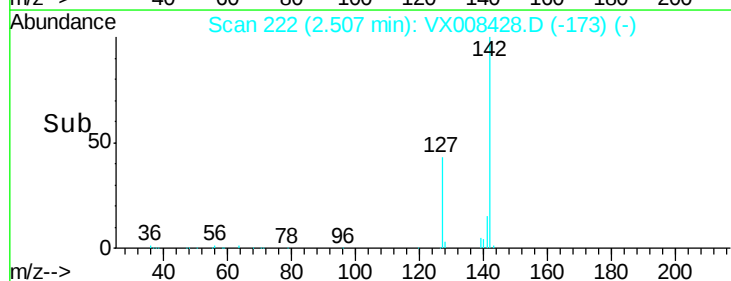
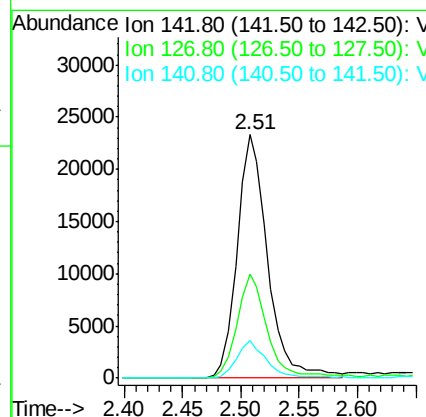
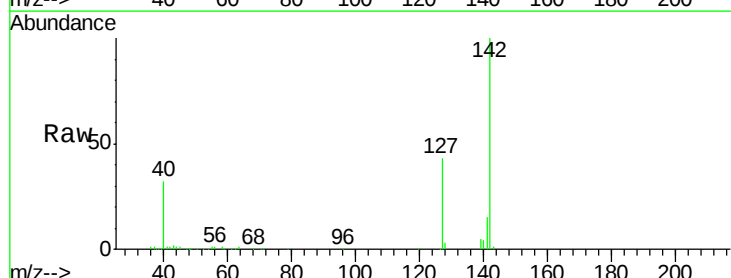
RT: 2.51 min Scan# 222

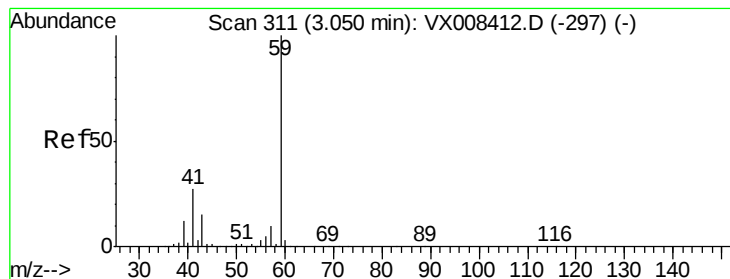
Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.8	33.6	50.4
141	14.6	11.3	16.9





#11

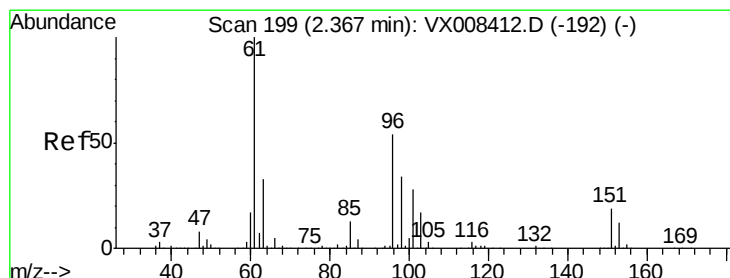
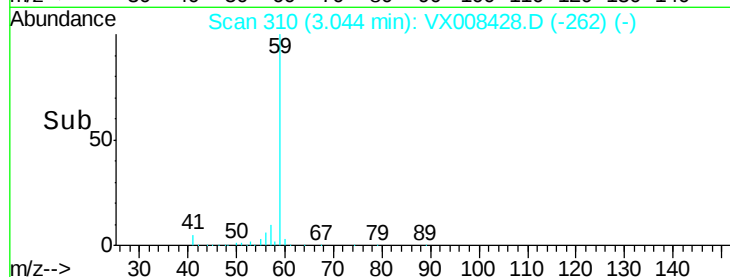
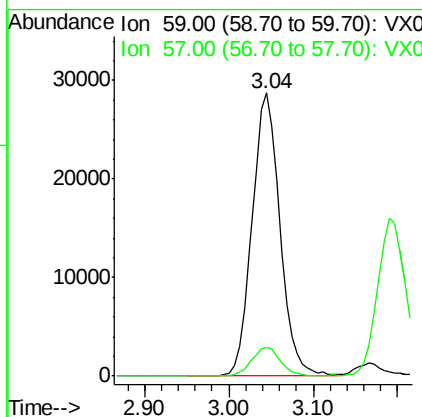
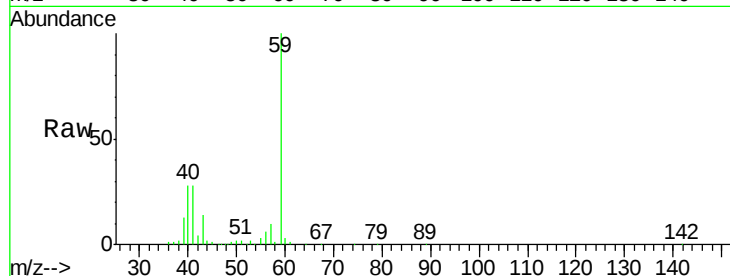
Tert butyl alcohol
Concen: 101.362 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion: 59 Resp: 64720
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

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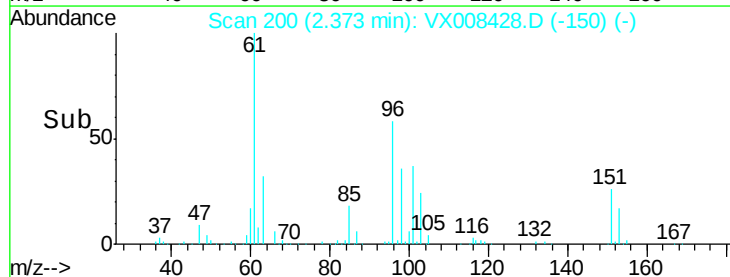
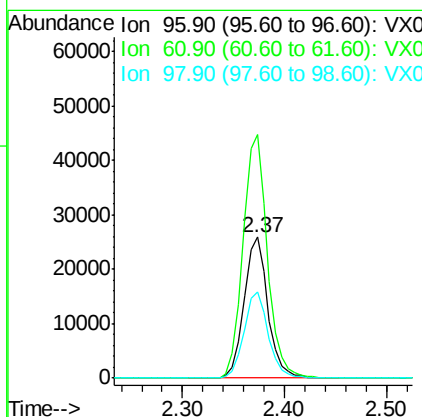
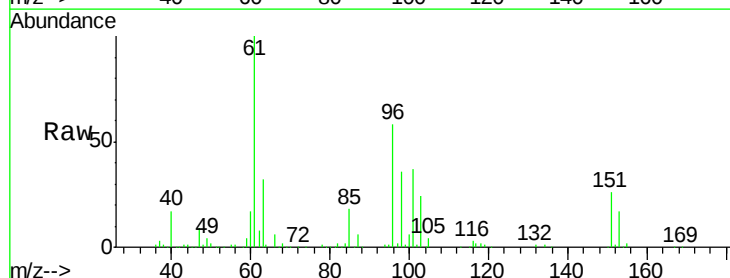
MMDadoda
3/26/2019 9:47:11 AM

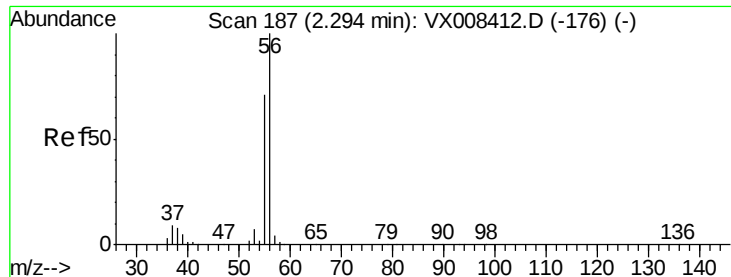


#12

1,1-Dichloroethene
Concen: 18.932 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 96 Resp: 41870
Ion Ratio Lower Upper
96 100
61 173.1 146.9 220.3
98 61.6 50.1 75.1





#13

Acrolein

Concen: 41.132 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 56 Resp: 19072

Ion Ratio Lower Upper

56 100

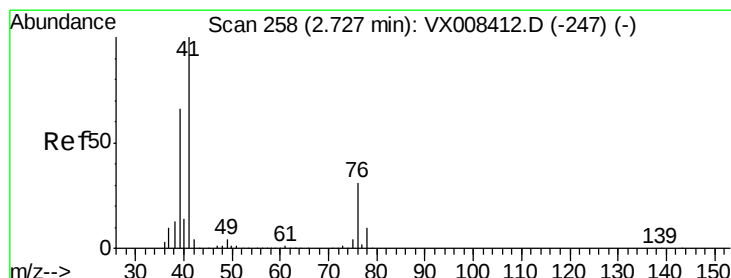
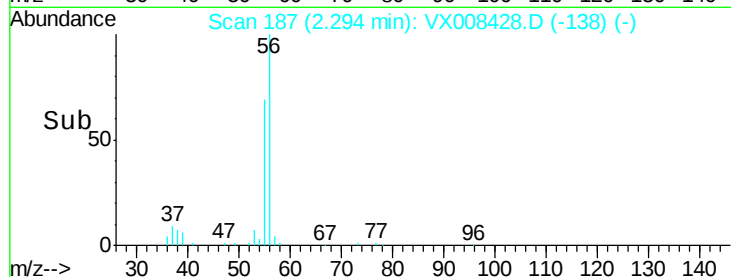
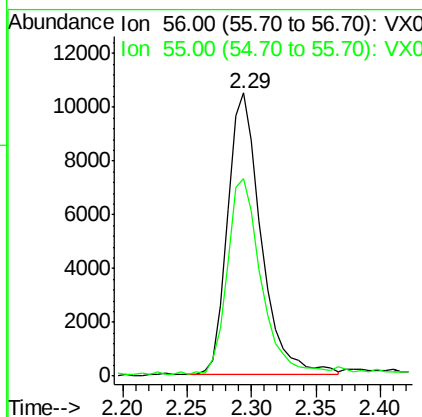
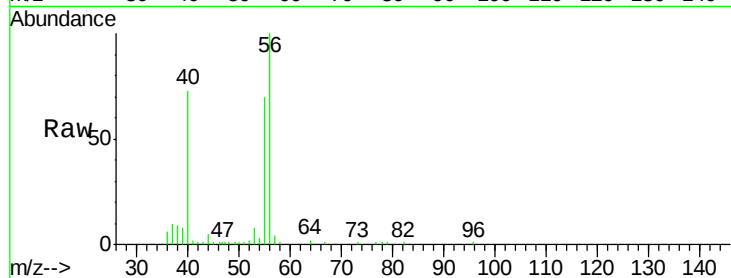
55 69.1 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 18.569 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

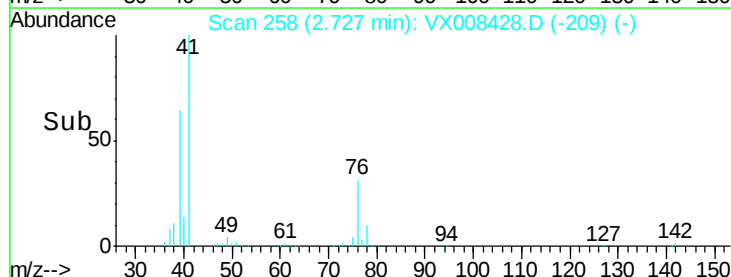
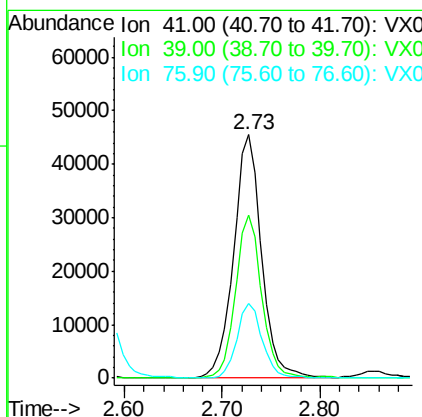
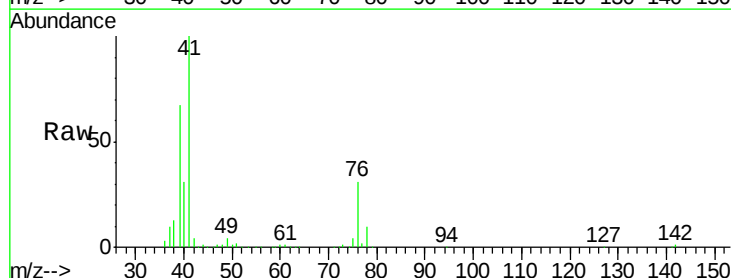
Tgt Ion: 41 Resp: 90473

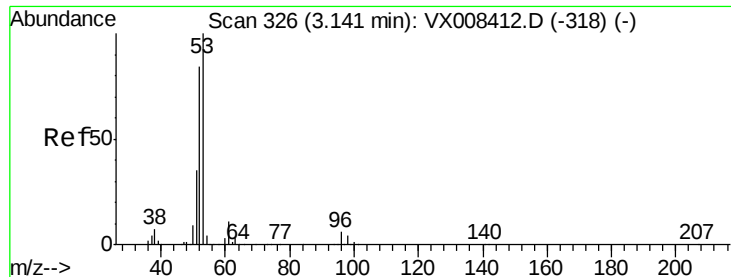
Ion Ratio Lower Upper

41 100

39 62.3 49.6 74.4

76 27.7 22.6 34.0





#15

Acrylonitrile

Concen: 95.544 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

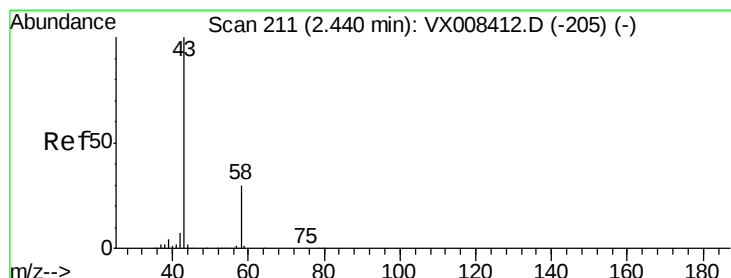
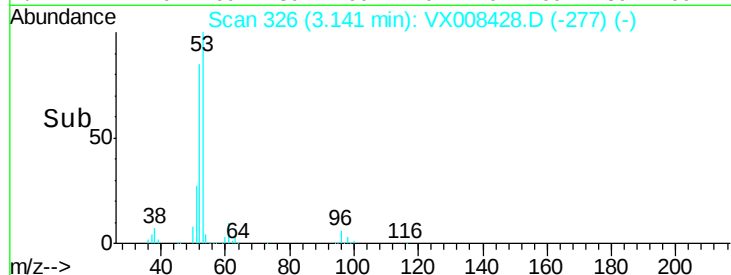
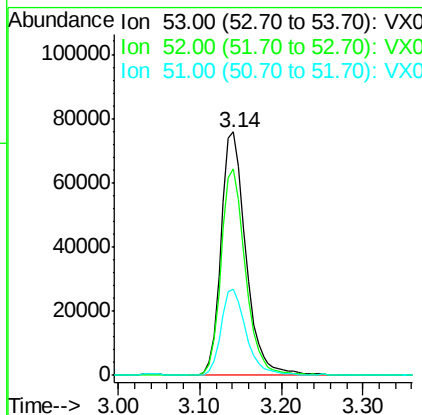
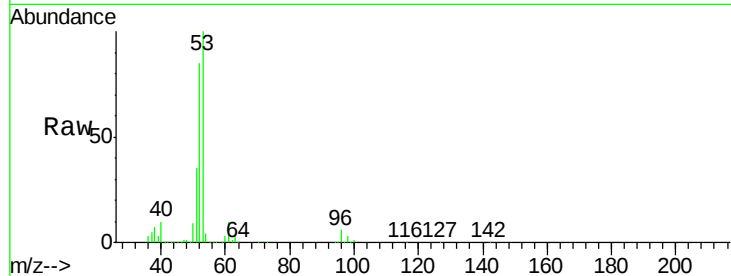
ClientSampleId :

VX0325WBSD01

Tot Ion	53	Resp	159966
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.5	99.7
51	36.1	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 93.374 ug/l

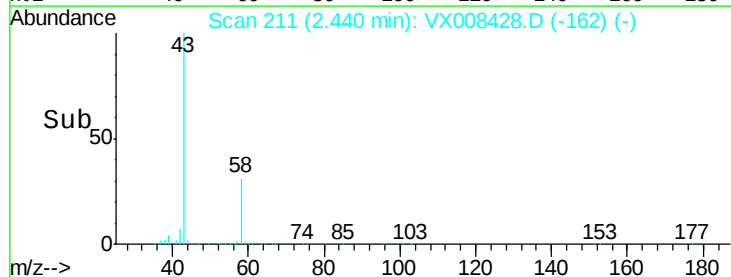
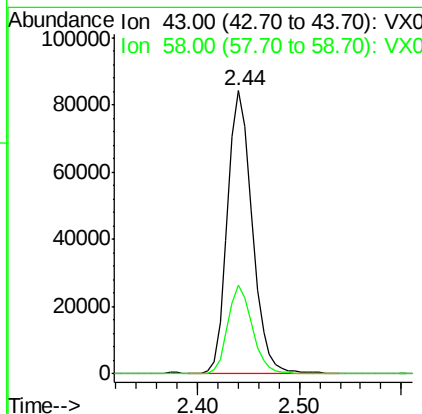
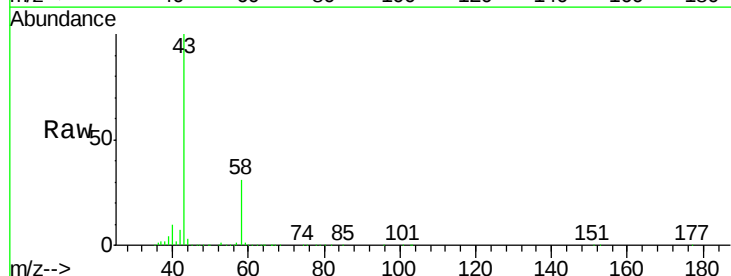
RT: 2.44 min Scan# 211

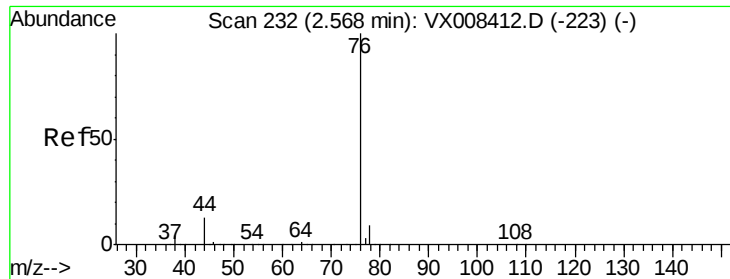
Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion	43	Resp	140643
Ion Ratio	Lower	Upper	
43	100		
58	31.2	24.2	36.2





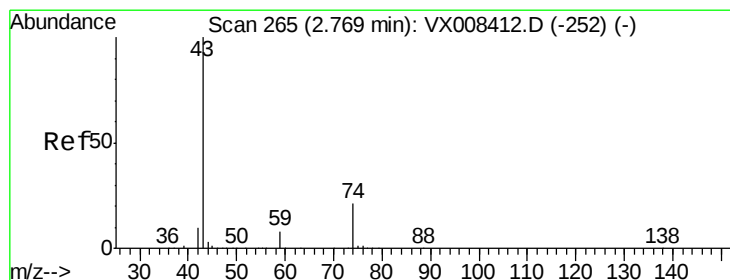
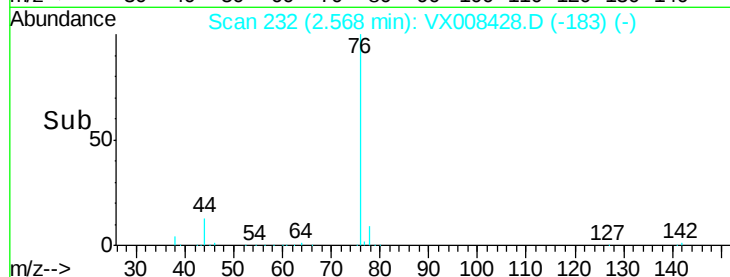
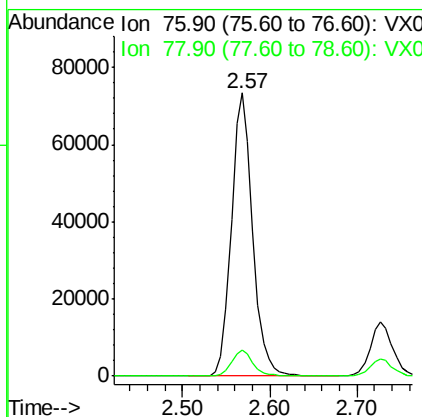
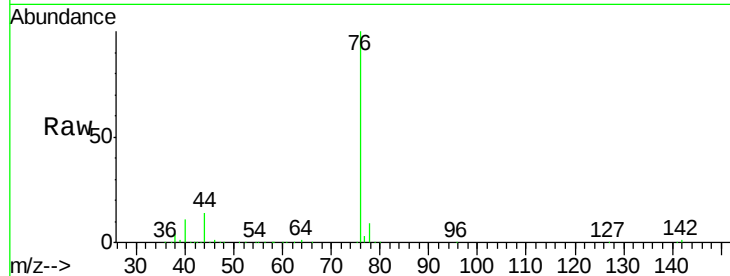
#17
Carbon Disulfide
Concen: 16.903 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

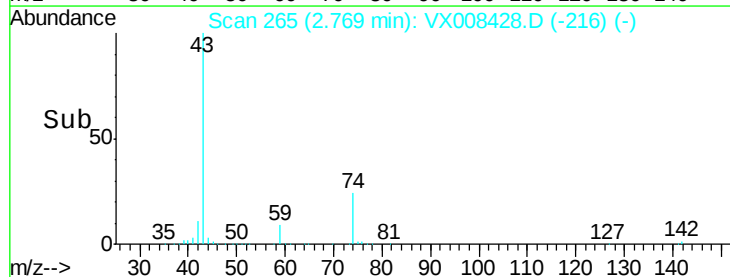
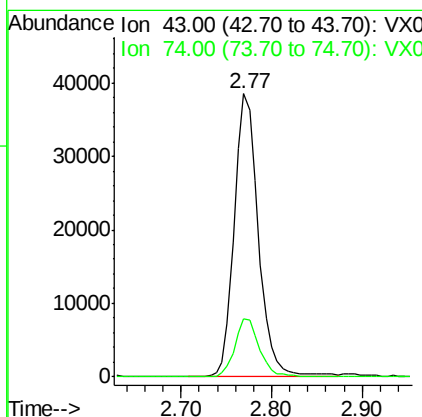
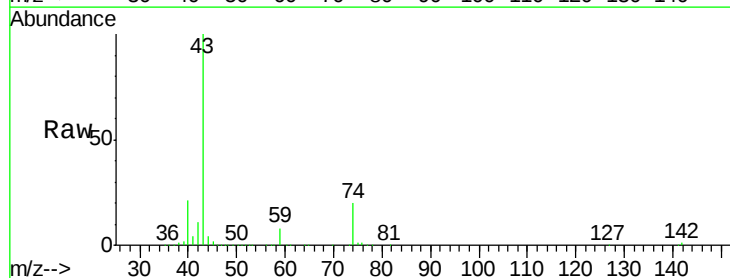
Manual Integrations
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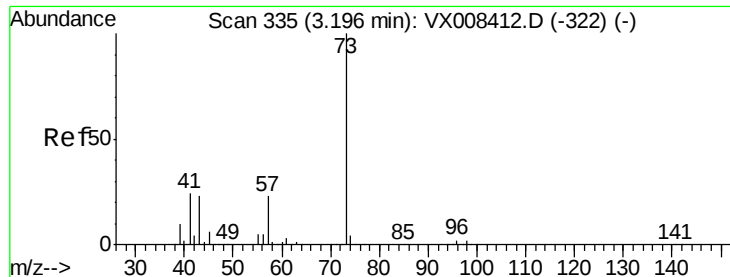
MMDadoda
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#18
Methyl Acetate
Concen: 19.579 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	16.7	25.1





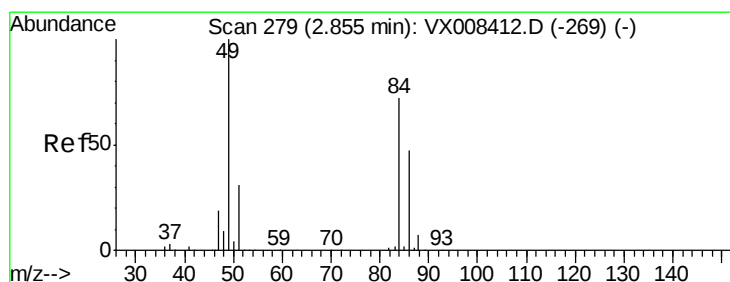
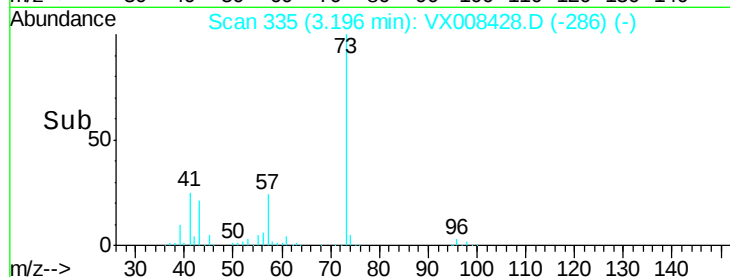
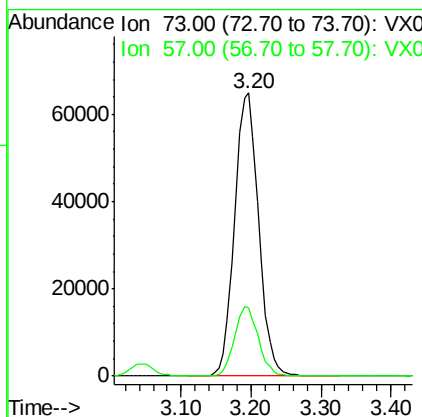
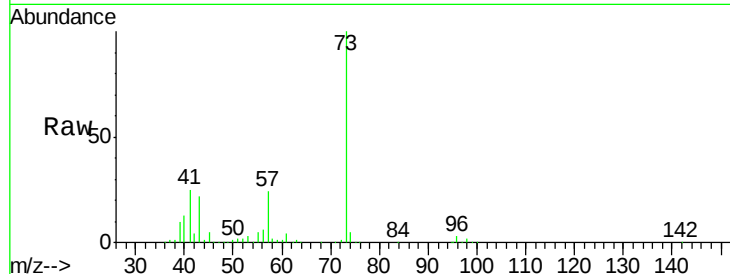
#19
Methvl tert-butvl Ether
Concen: 19.482 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.6	28.0

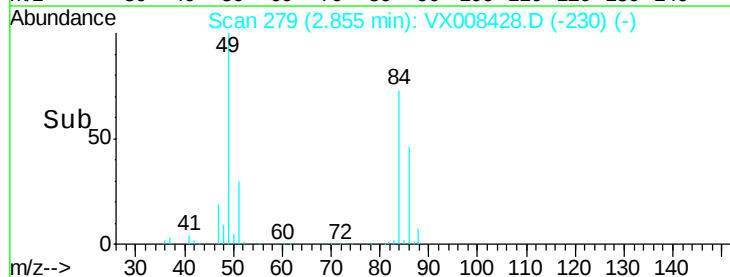
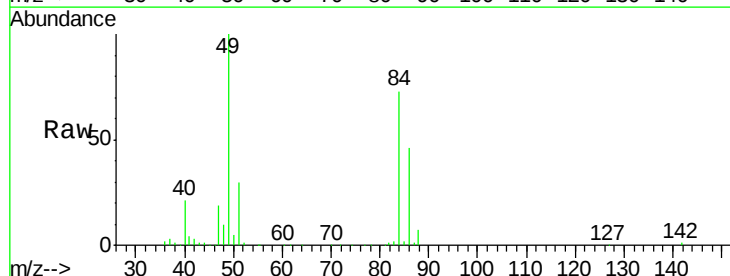
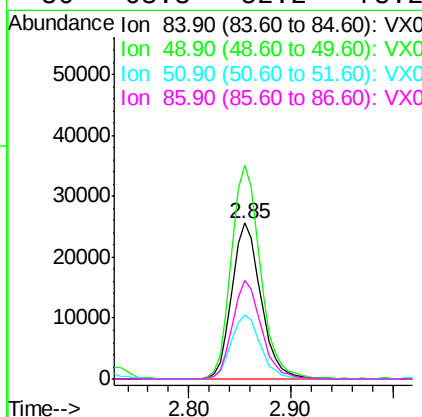
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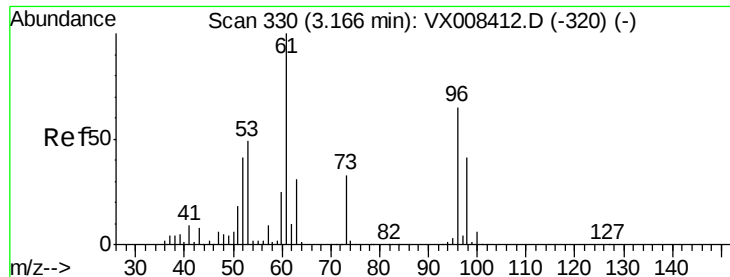
MMDadoda
3/26/2019 9:47:11 AM



#20
Methylene Chloride
Concen: 20.154 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.3	110.6	165.8
51	41.1	33.9	50.9
86	63.3	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 19.858 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

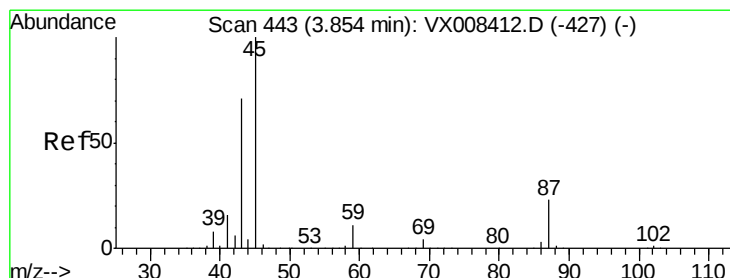
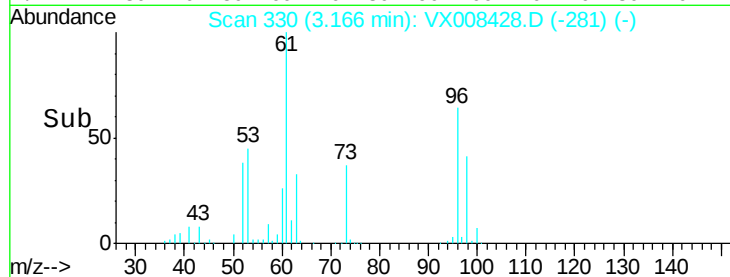
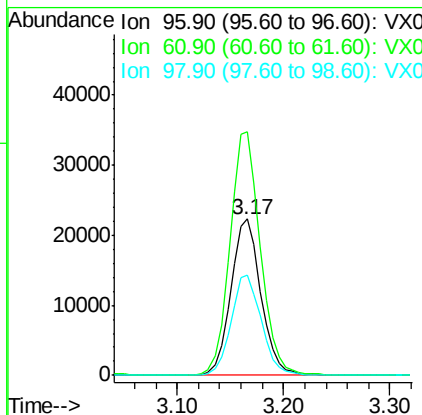
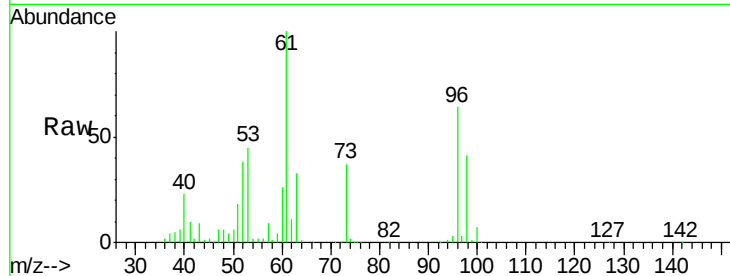
ClientSampleId :

VX0325WBSD01

Tot Ion:	96	Resp:	44121
Ion	Ratio	Lower	Upper
96	100		
61	155.8	122.6	184.0
98	64.5	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.270 ug/l

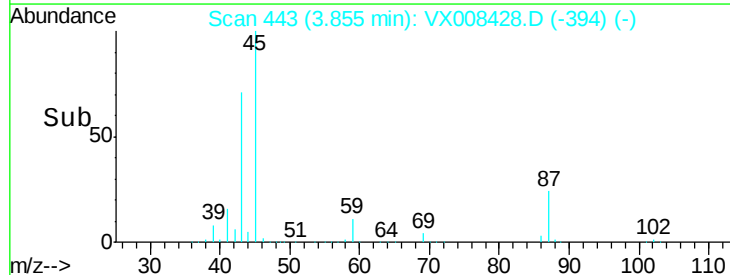
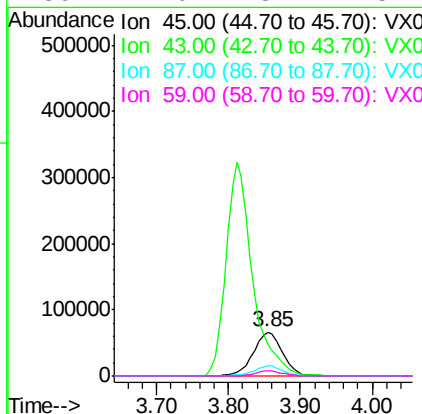
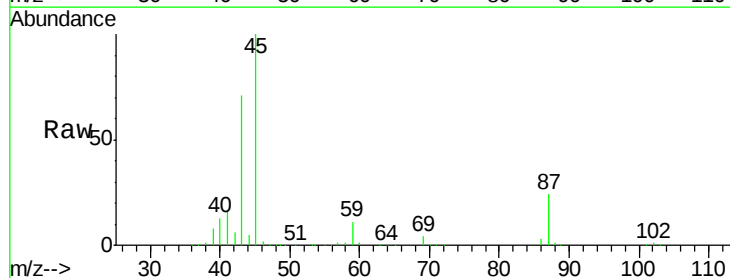
RT: 3.85 min Scan# 443

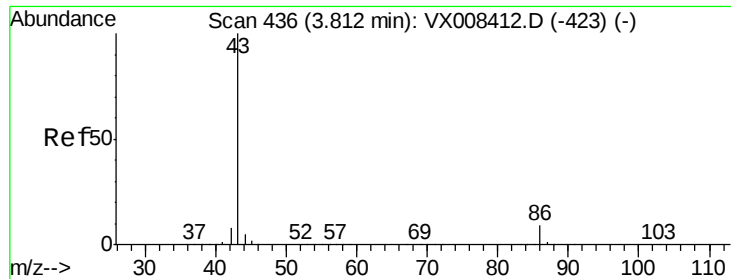
Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion:	45	Resp:	184869
Ion	Ratio	Lower	Upper
45	100		
43	71.4	57.1	85.7
87	23.8	18.8	28.2
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 98.952 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 43 Resp: 828224

Ion Ratio Lower Upper

43 100

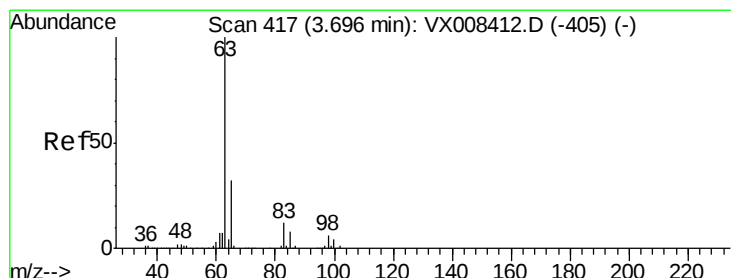
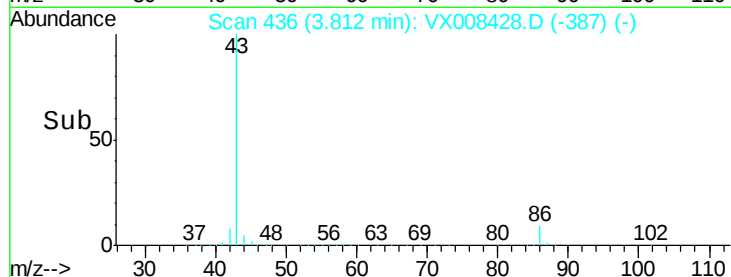
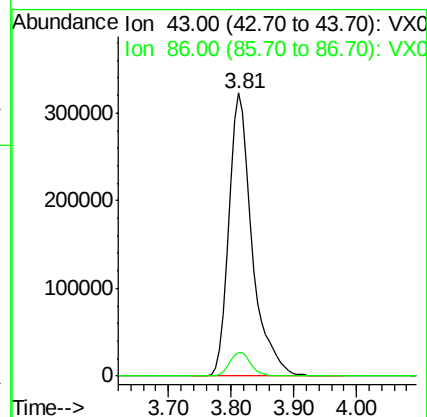
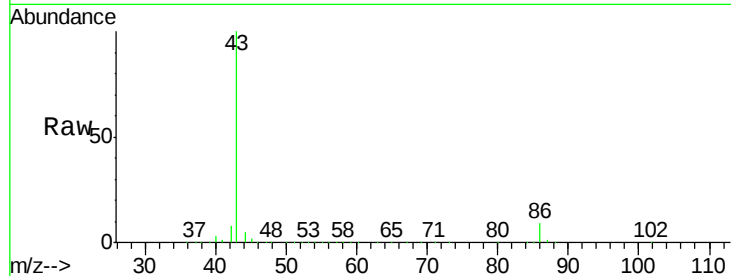
86 8.5 6.9 10.3

Manual Integrations

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3/26/2019 9:47:11 AM



#24

1,1-Dichloroethane

Concen: 19.203 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

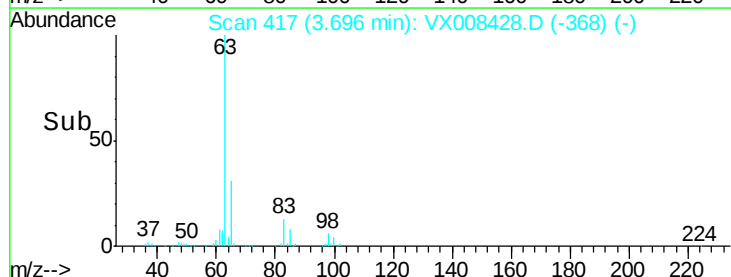
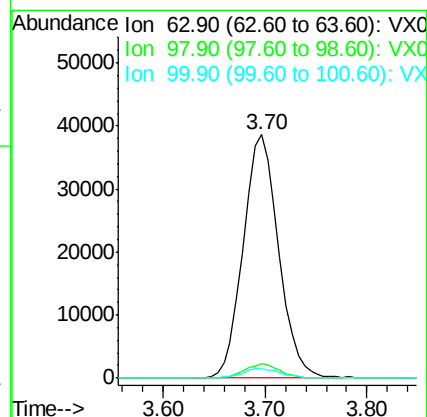
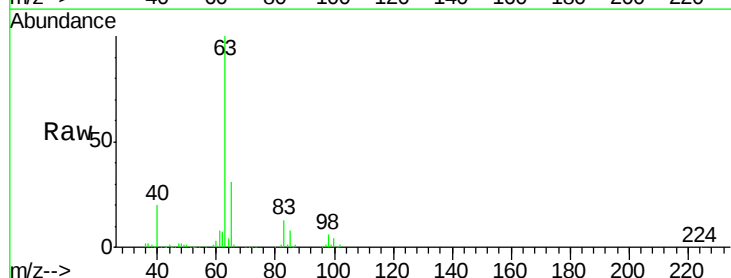
Tgt Ion: 63 Resp: 93007

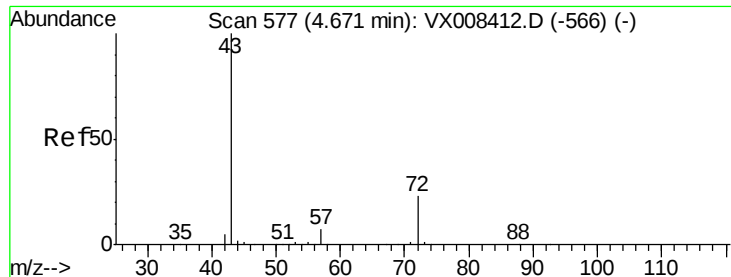
Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 97.543 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 43 Resp: 235543

Ion Ratio Lower Upper

43 100

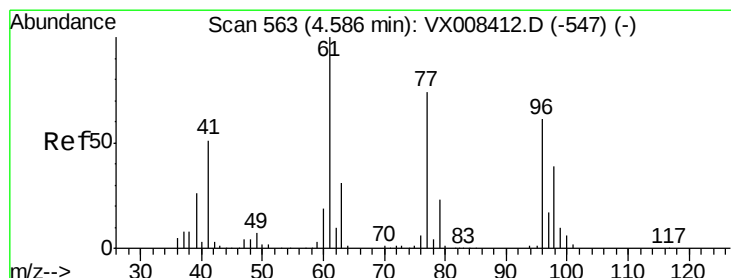
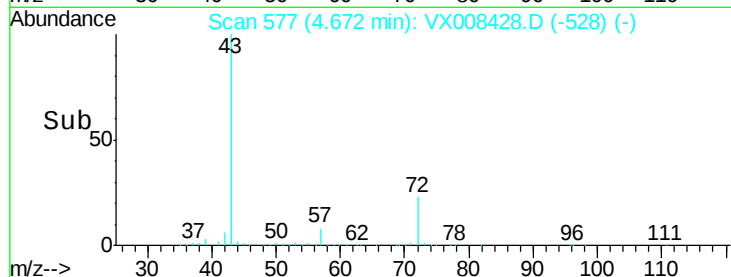
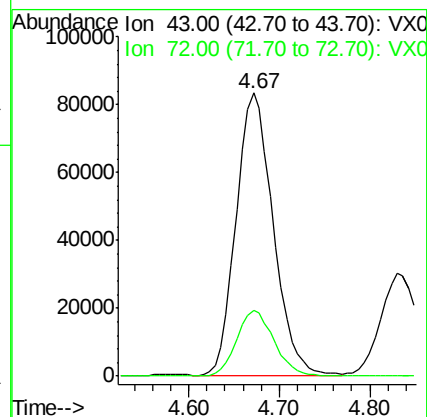
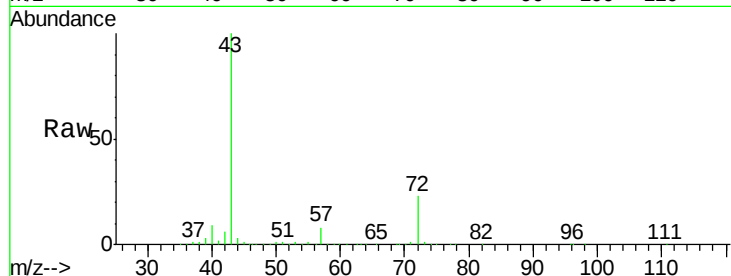
72 23.0 18.6 28.0

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#26

2,2-Dichloropropane

Concen: 17.225 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008428.D

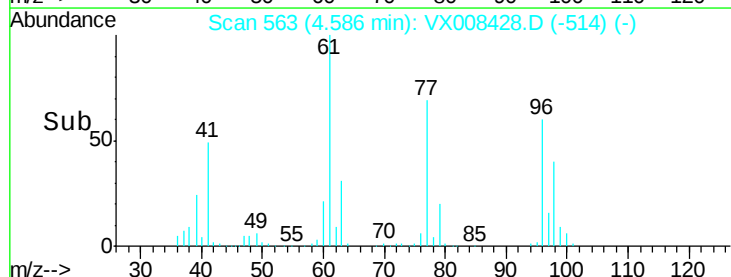
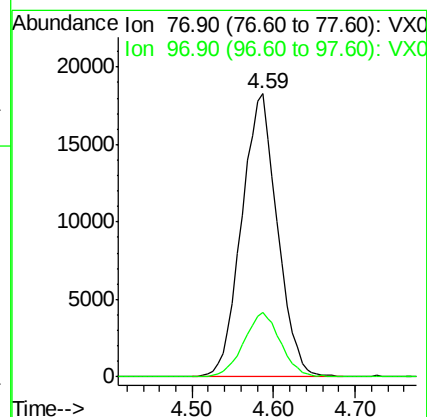
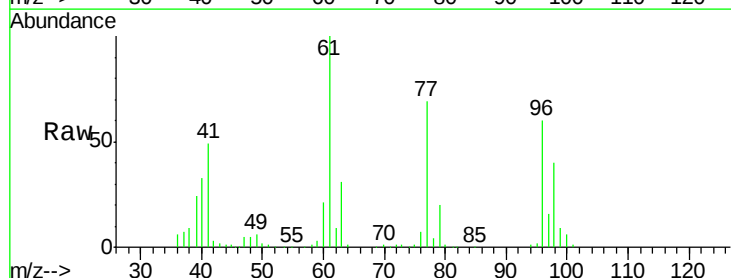
Acq: 25 Mar 2019 22:32

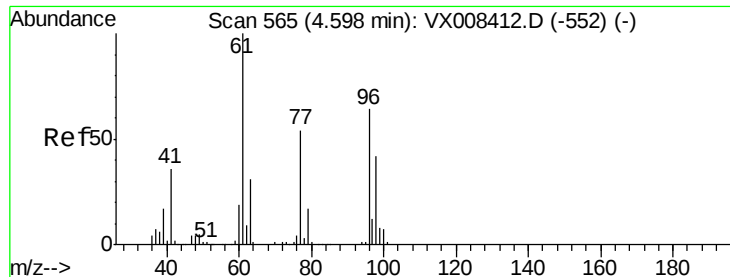
Tgt Ion: 77 Resp: 55490

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6





#27

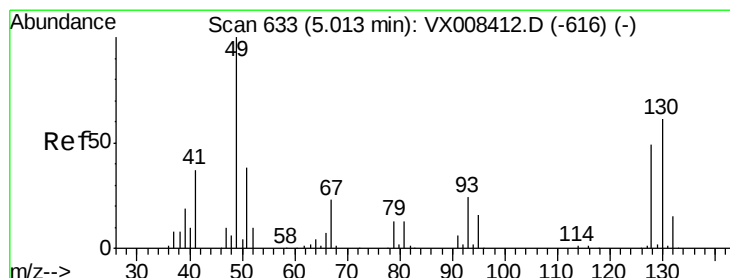
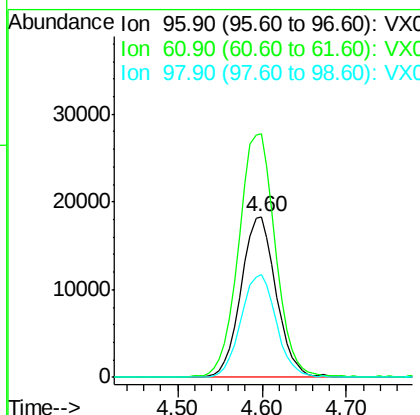
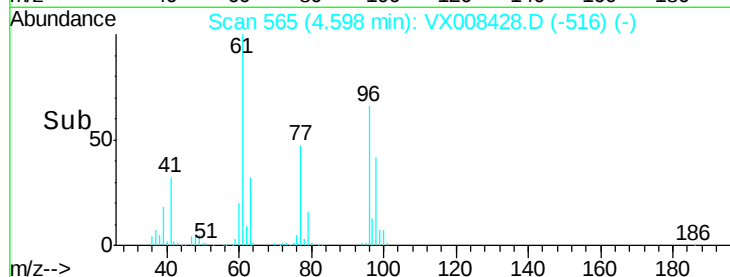
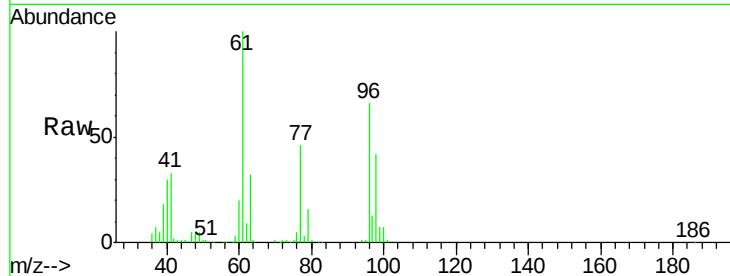
cis-1,2-Dichloroethene
Concen: 19.071 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	325.6
98	64.5	0.0	130.0

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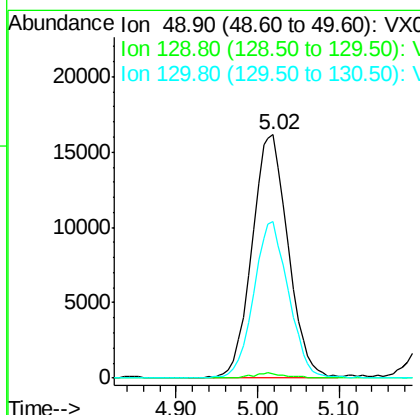
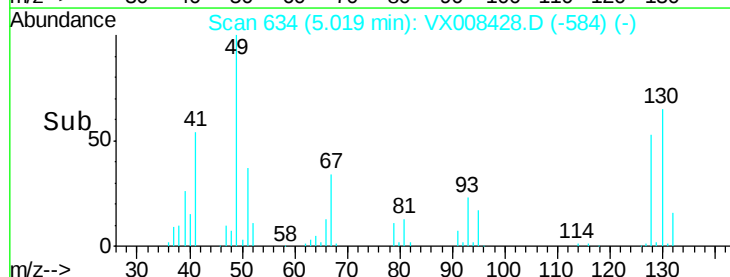
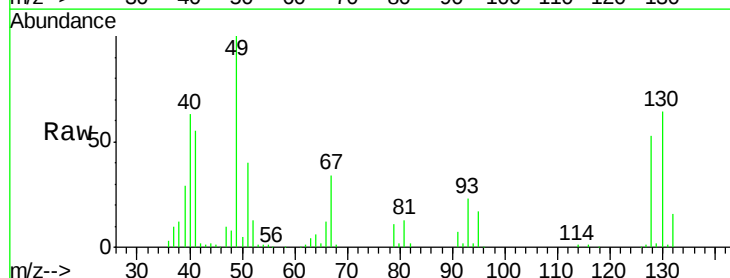
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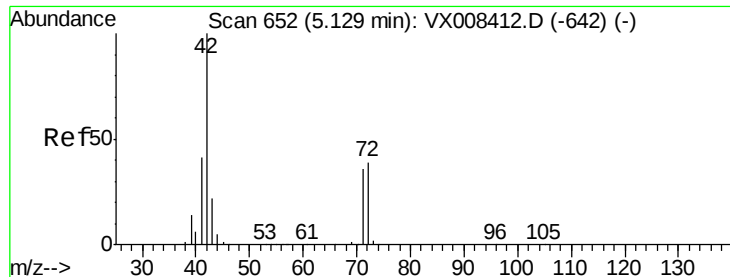


#28

Bromochloromethane
Concen: 20.837 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	62.1	49.8	74.6





#29

Tetrahydrofuran

Concen: 96.832 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

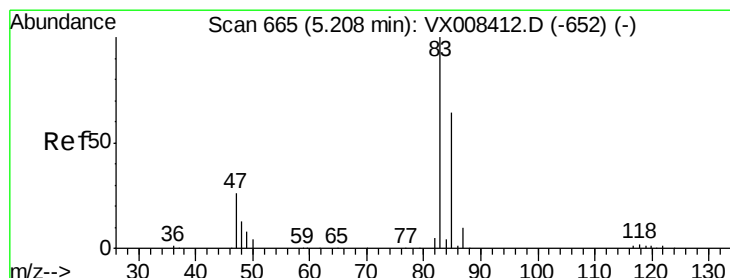
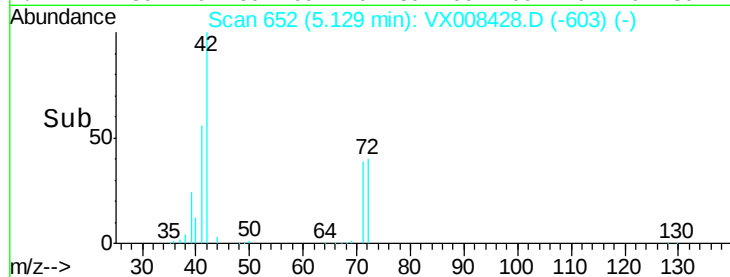
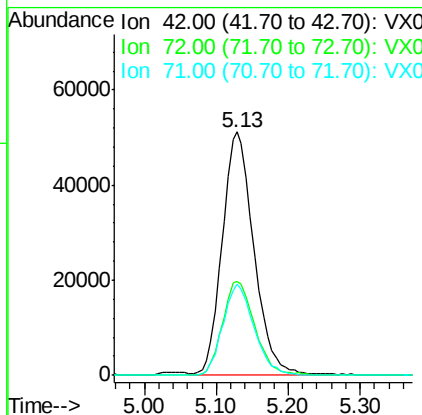
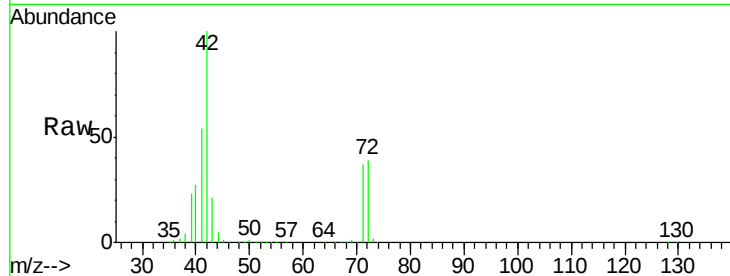
ClientSampleId :

VX0325WBSD01

Tot Ion:	42	Resp:	154109
Ion	Ratio	Lower	Upper
42	100		
72	40.3	31.4	47.2
71	37.7	29.4	44.2

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#30

Chloroform

Concen: 19.437 ug/l

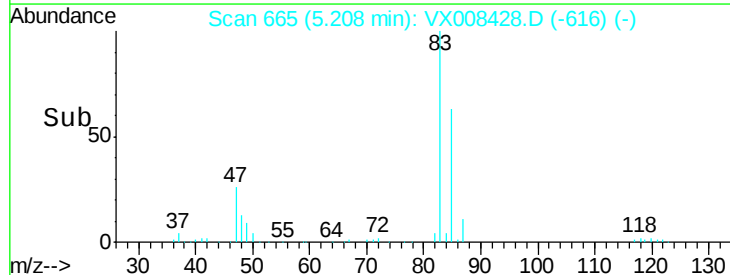
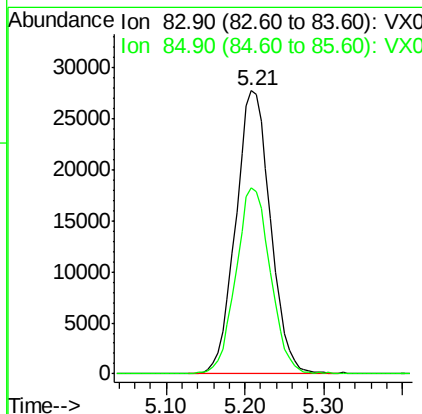
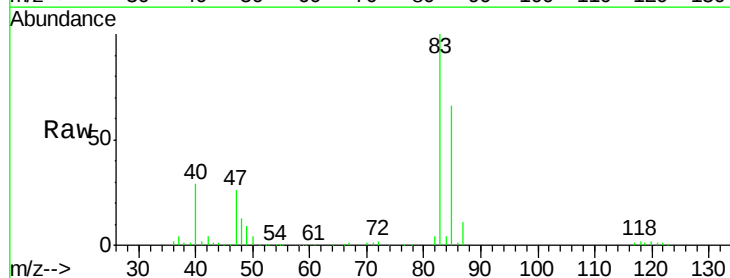
RT: 5.21 min Scan# 665

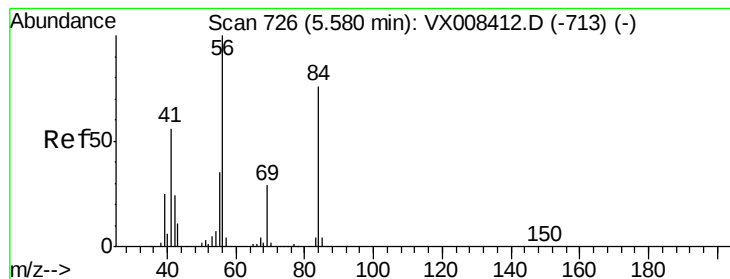
Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion:	83	Resp:	84961
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.4	77.2





#31

Cyclohexane

Concen: 18.701 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

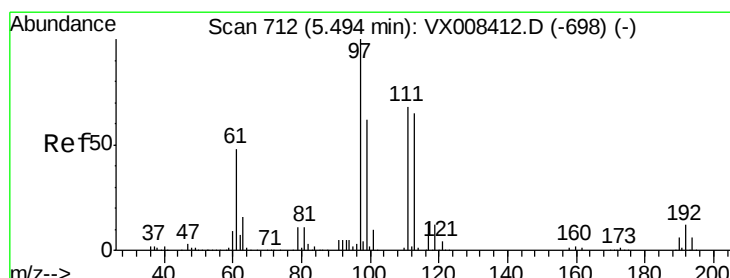
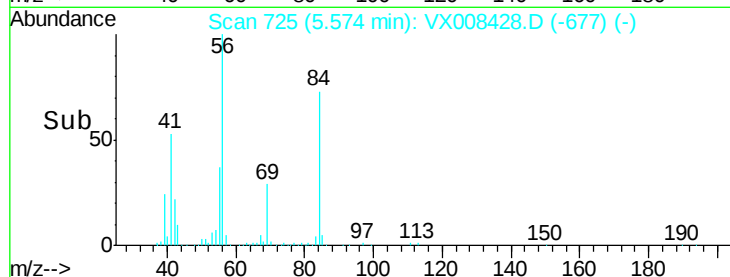
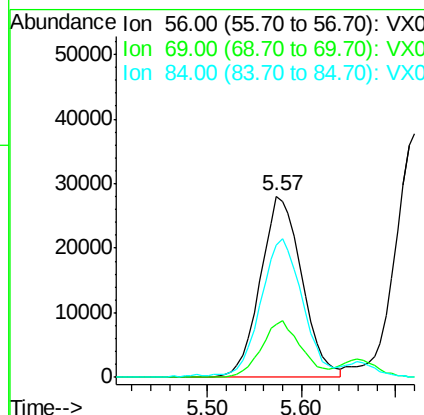
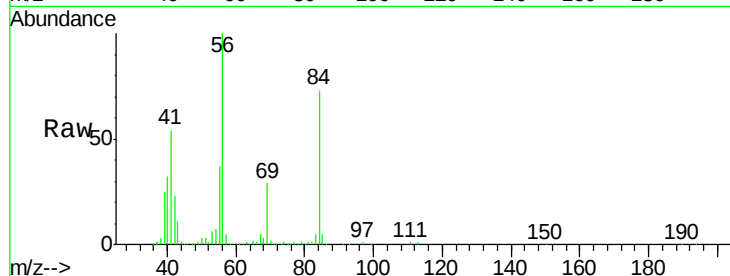
ClientSampleId :

VX0325WBSD01

Tot Ion:	56	Resp:	86386
Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.2	34.8
84	72.1	60.7	91.1

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#32

1,1,1-Trichloroethane

Concen: 19.258 ug/l

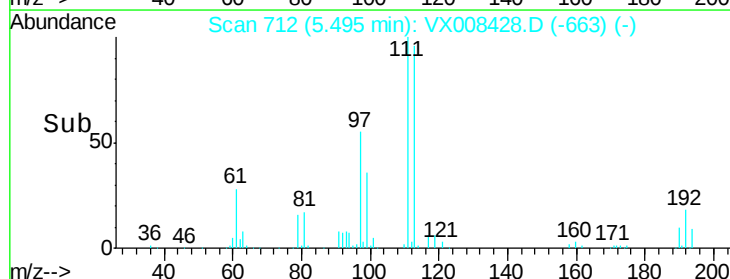
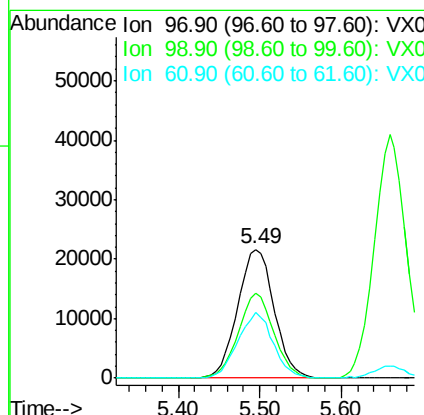
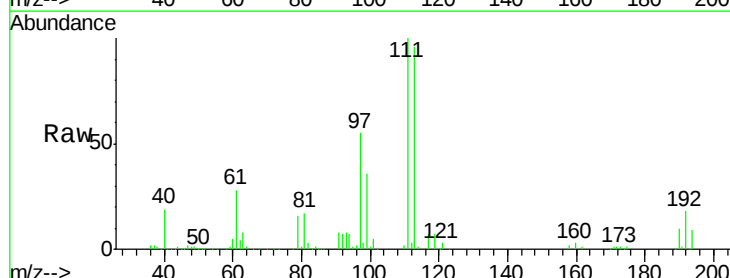
RT: 5.49 min Scan# 712

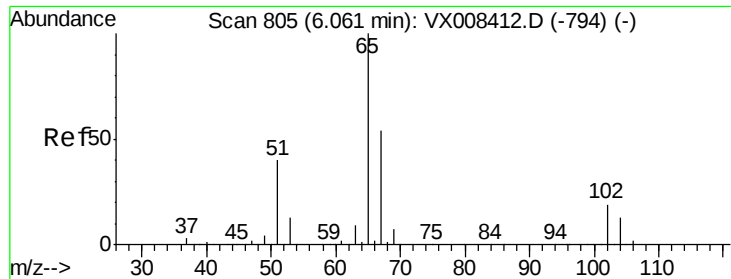
Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion:	97	Resp:	67284
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.5	77.3
61	49.3	38.8	58.2





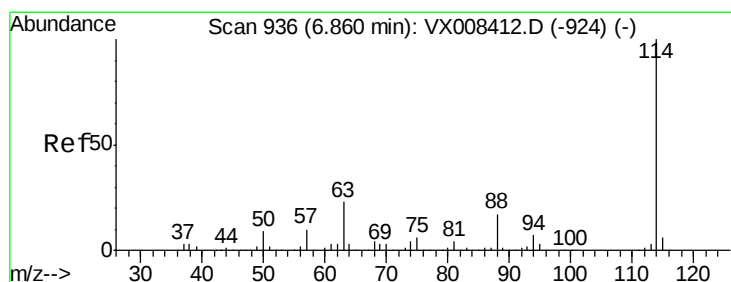
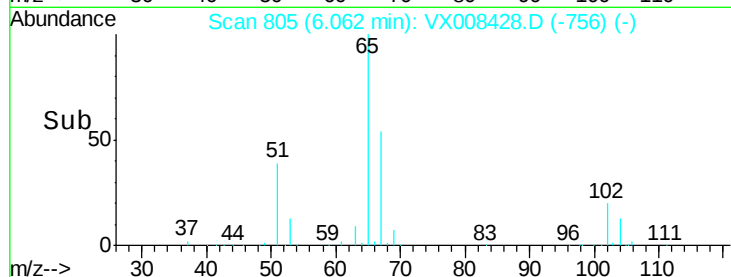
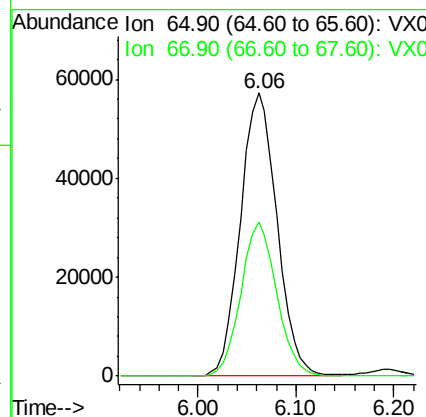
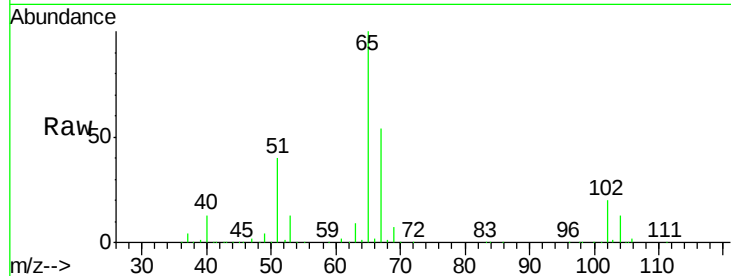
#33
 1,2-Dichloroethane-d4
 Concen: 51.590 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Tot Ion: 65 Resp: 148677
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.4

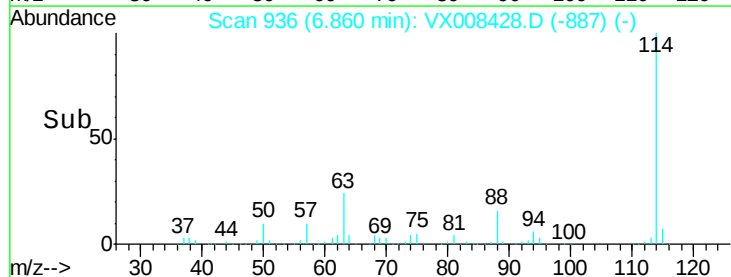
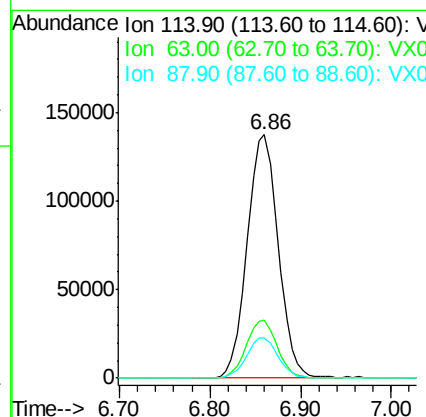
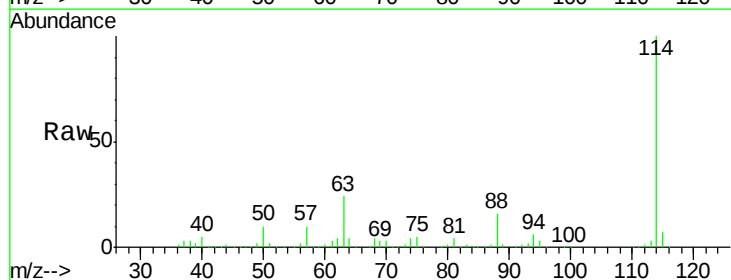
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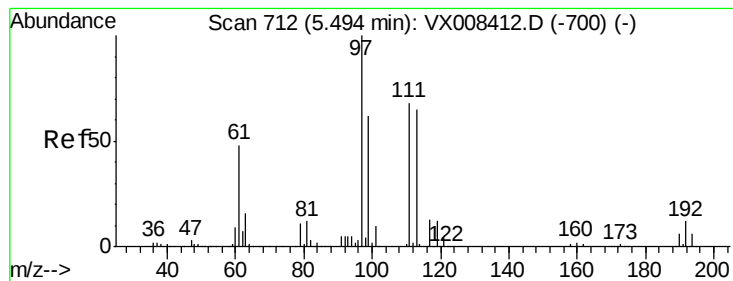
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion: 114 Resp: 326910
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.4
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.449 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

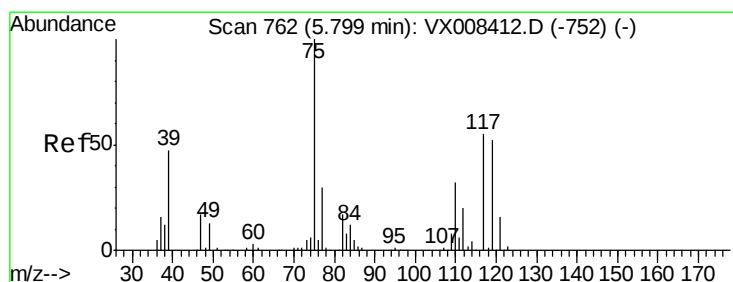
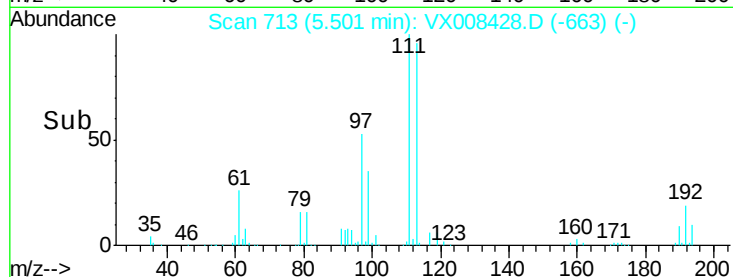
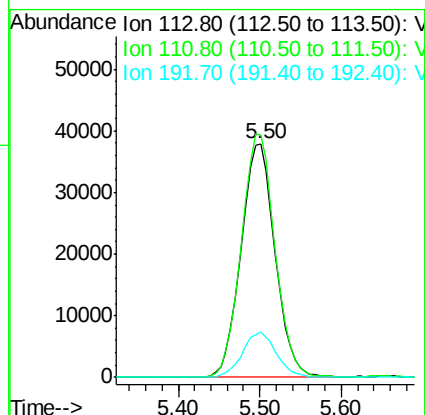
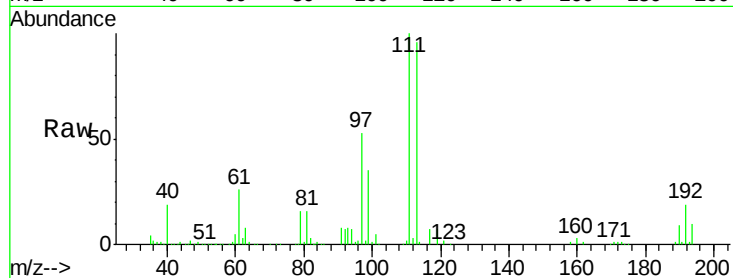
ClientSampleId :

VX0325WBSD01

Tot Ion:	113	Resp:	109670
Ion Ratio	Lower	Upper	
113	100		
111	103.5	83.0	124.4
192	19.4	15.6	23.4

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#36

1,1-Dichloropropene

Concen: 18.423 ug/l

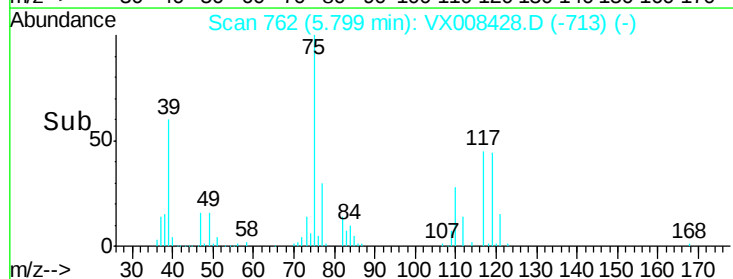
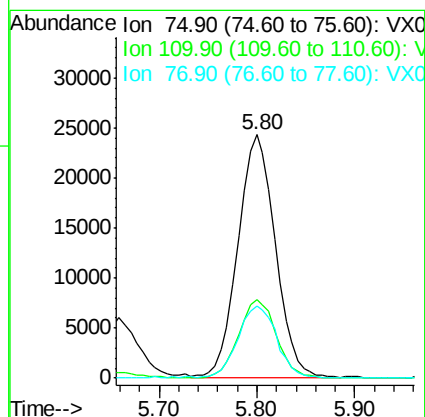
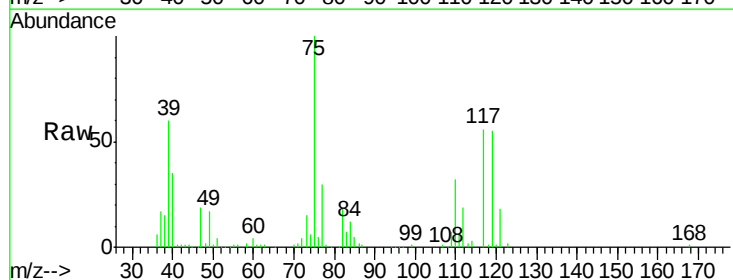
RT: 5.80 min Scan# 762

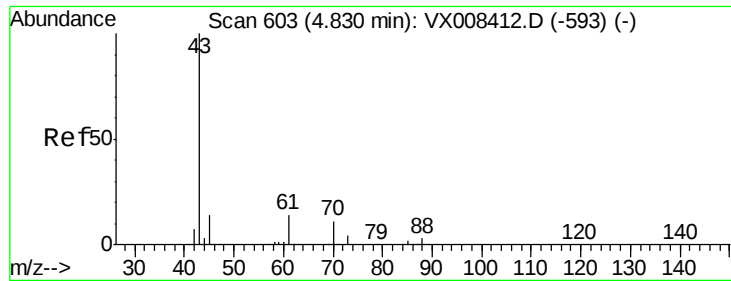
Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion:	75	Resp:	64214
Ion Ratio	Lower	Upper	
75	100		
110	33.1	16.6	49.7
77	31.3	24.2	36.2





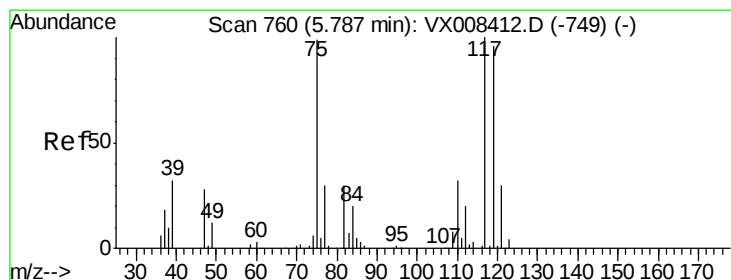
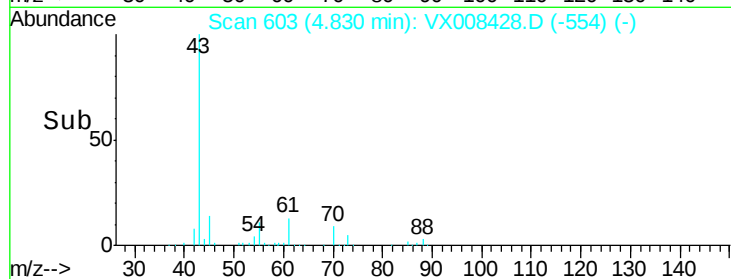
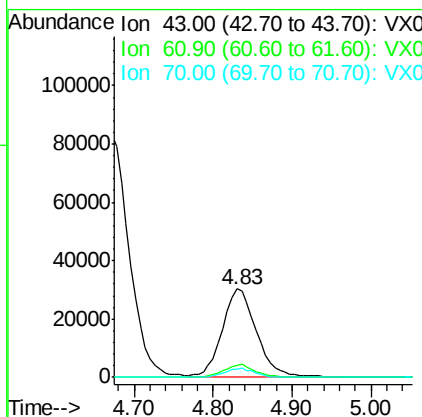
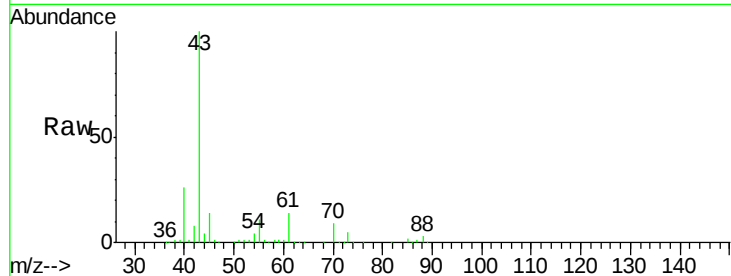
#37
Ethyl Acetate
Concen: 19.842 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.5	15.7
70	9.7	7.8	11.8

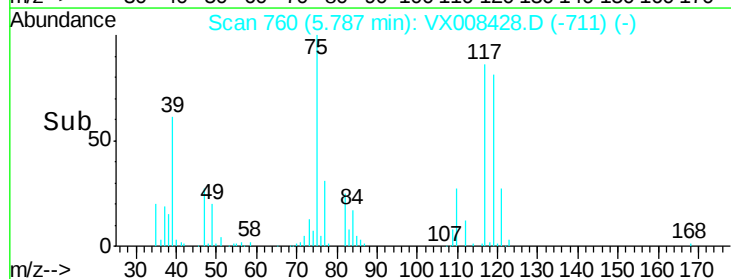
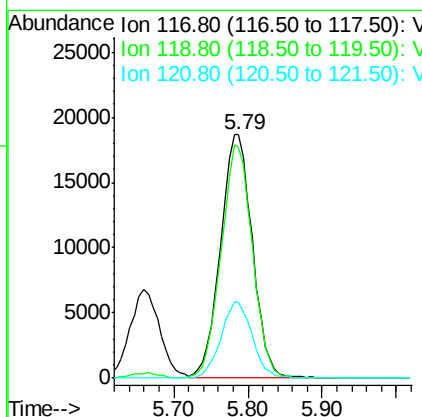
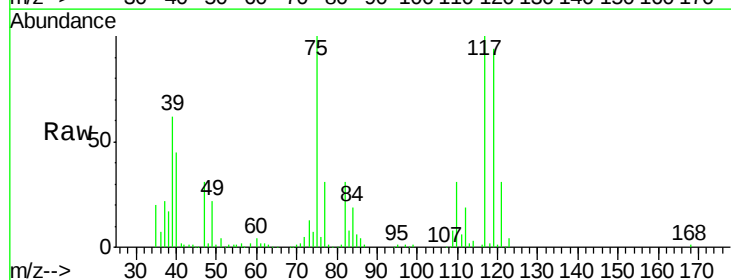
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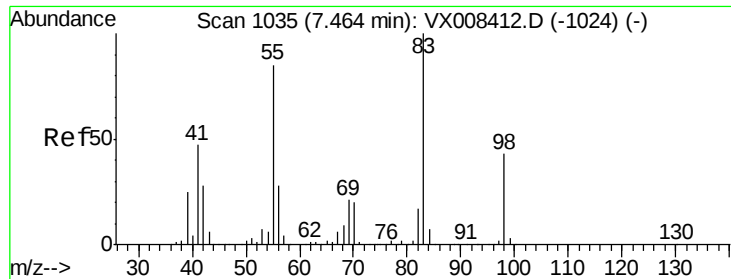
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#38
Carbon Tetrachloride
Concen: 19.147 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.7	115.1
121	31.4	24.3	36.5





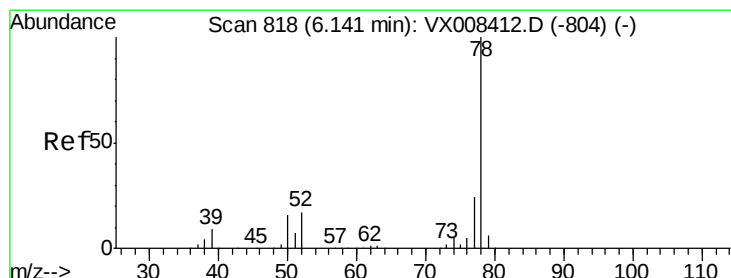
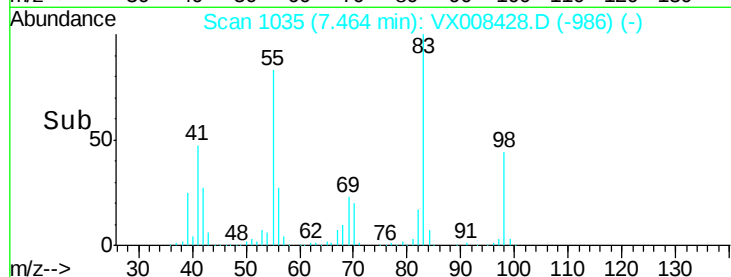
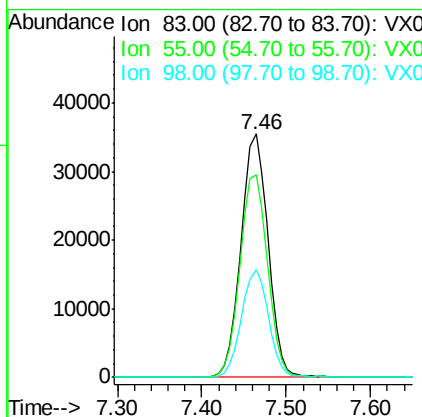
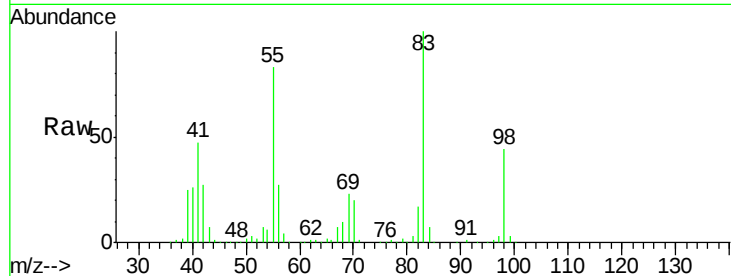
#39
Methylvlcvclohexane
Concen: 18.492 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	83.00	Resp	77029
Ion Ratio	100	Lower	Upper
83	100		
55	83.5	68.2	102.4
98	44.3	34.2	51.4

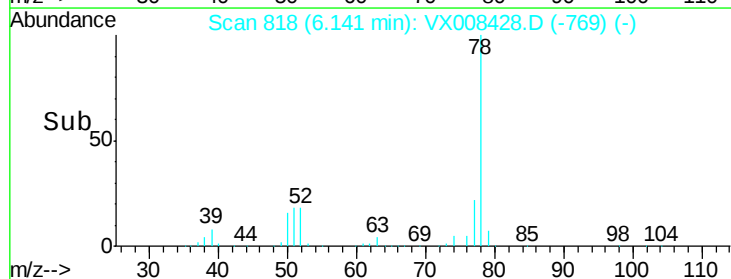
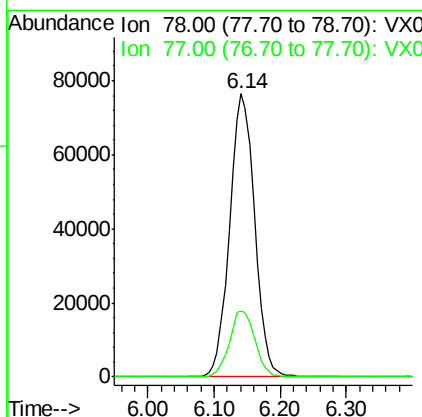
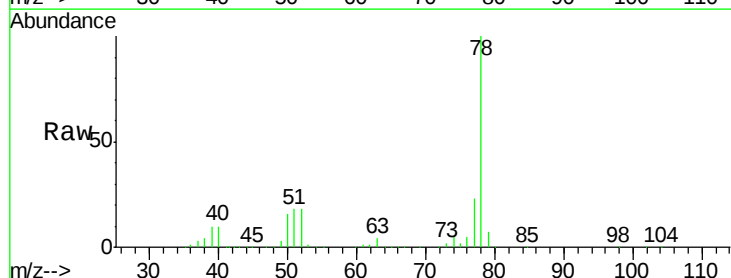
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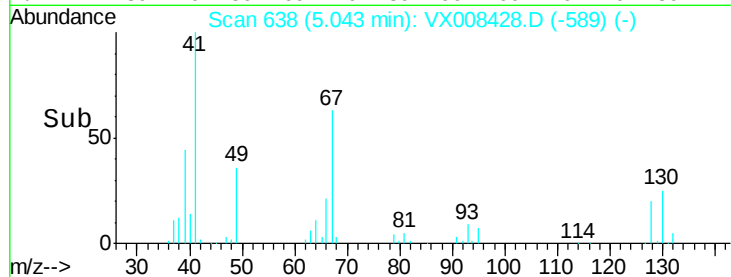
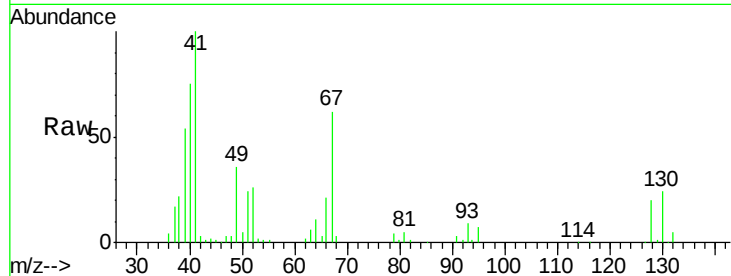
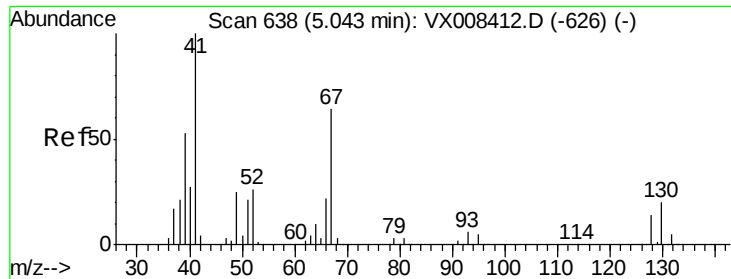
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#40
Benzene
Concen: 19.194 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	78	Resp	200285
Ion Ratio	100	Lower	Upper
78	100		
77	23.1	19.3	28.9





#41

Methacrylonitrile

Concen: 19.815 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	42.6	64.0	
67	65.4	52.2	78.4	
52	25.8	21.4	32.0	

Instrument :

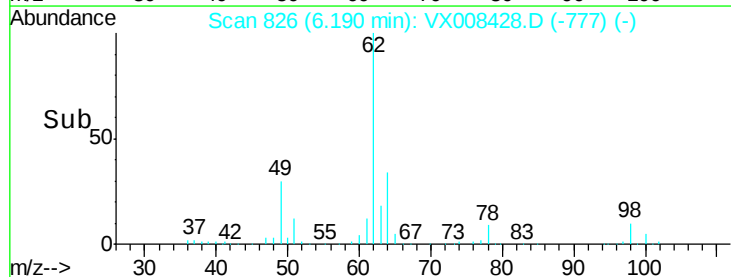
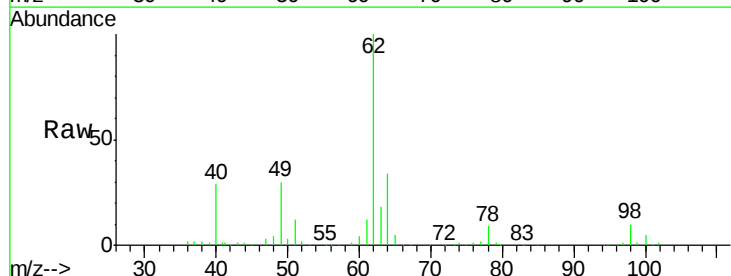
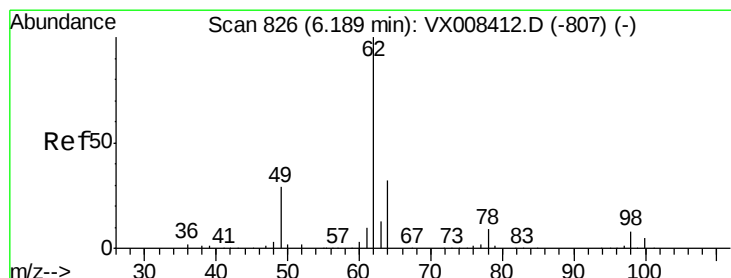
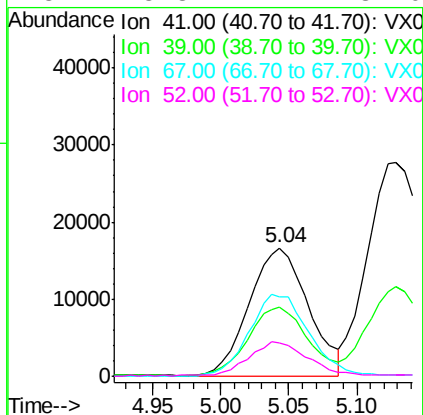
MSVOA_X

ClientSampleId :

VX0325WBSD01

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#42

1,2-Dichloroethane

Concen: 18.816 ug/l

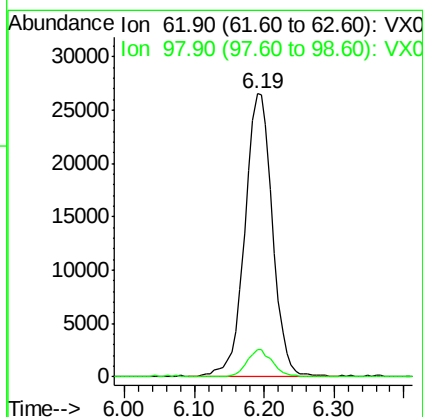
RT: 6.19 min Scan# 826

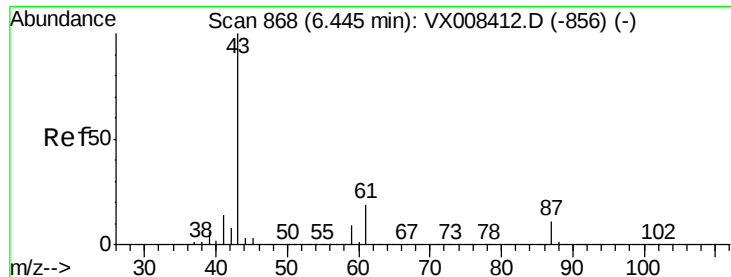
Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.6	





#43

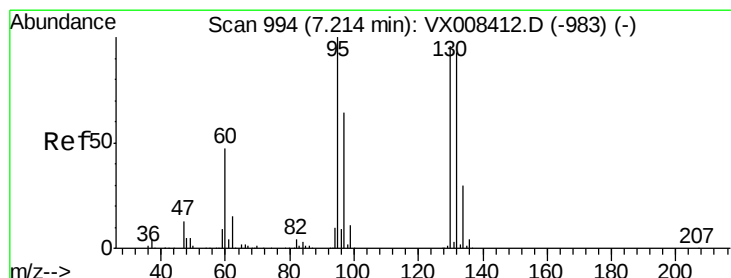
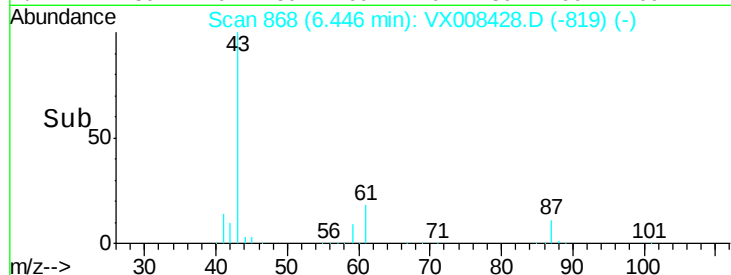
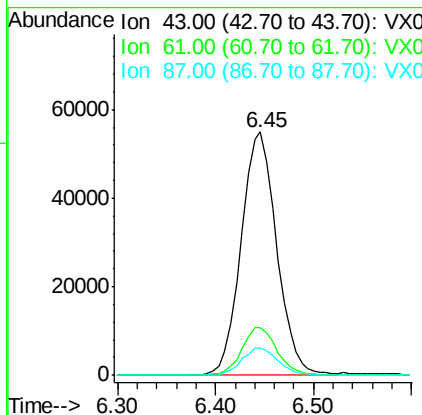
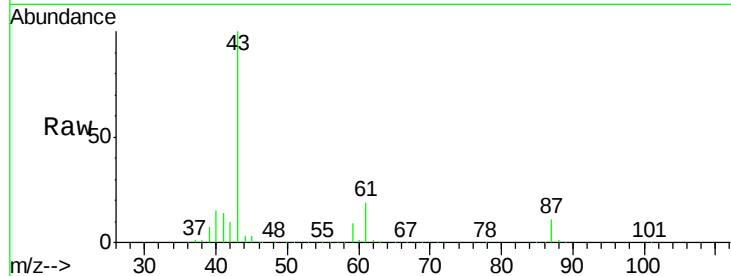
Isopropyl Acetate
 Concen: 19.100 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Tot Ion	43	61	87
Resp	137953		
Ratio	100	19.7	11.7
Lower		15.4	9.1
Upper		23.2	13.7

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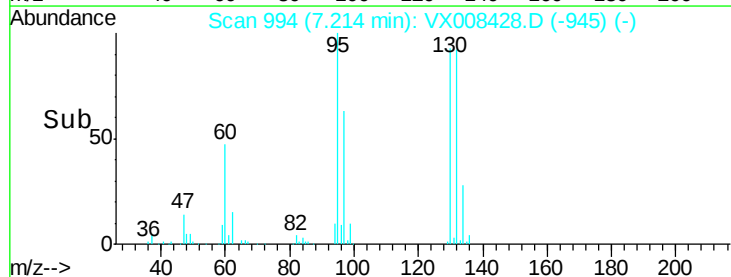
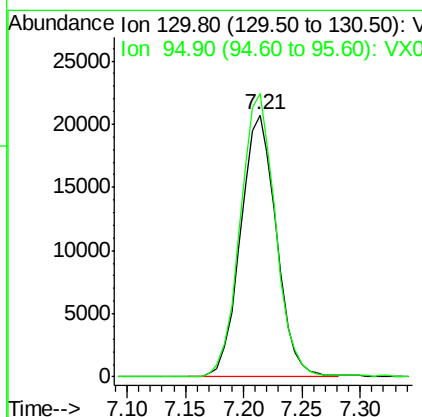
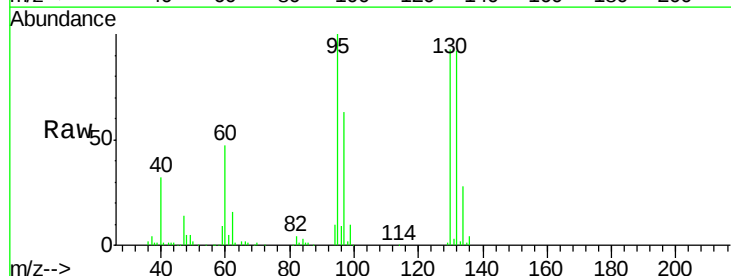
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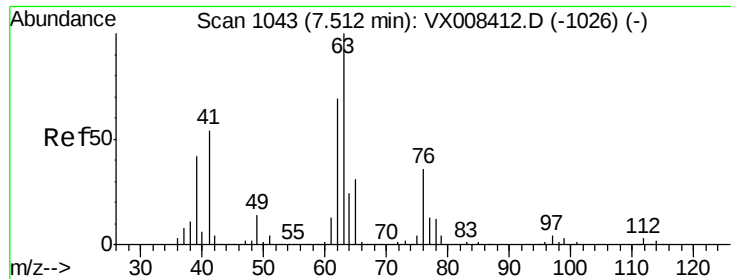


#44

Trichloroethene
 Concen: 18.113 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion	130	95
Resp	44379	
Ratio	100	107.9
Lower		0.0
Upper		208.8





#45

1,2-Dichloropropane

Concen: 19.091 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 63 Resp: 56624

Ion Ratio Lower Upper

63 100

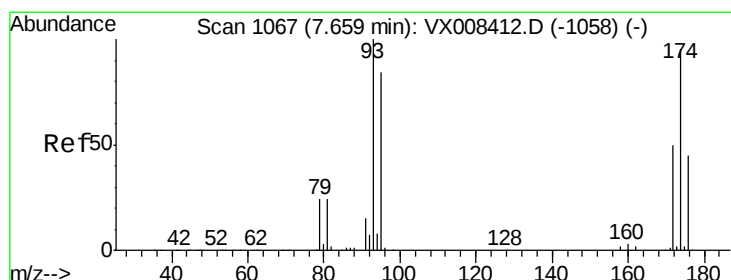
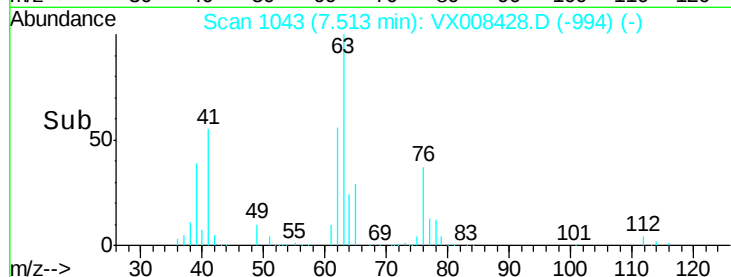
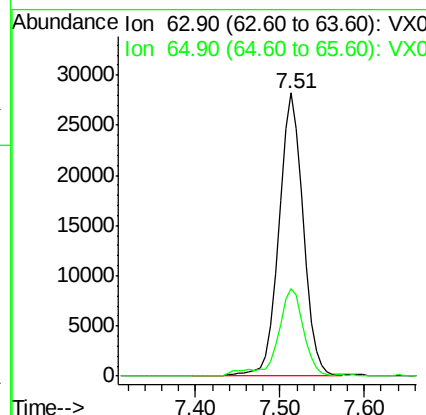
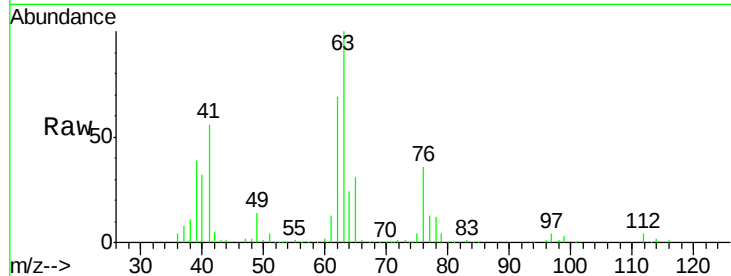
65 30.8 25.1 37.7

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#46

Dibromomethane

Concen: 19.050 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

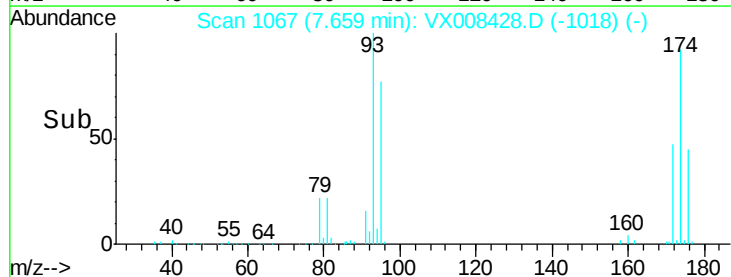
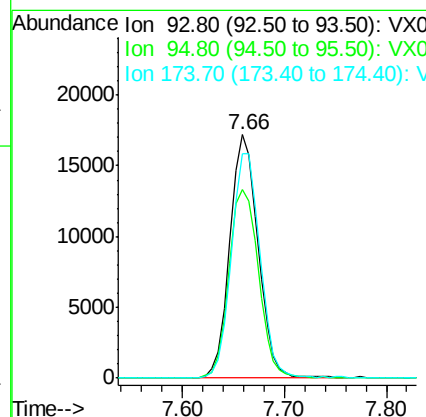
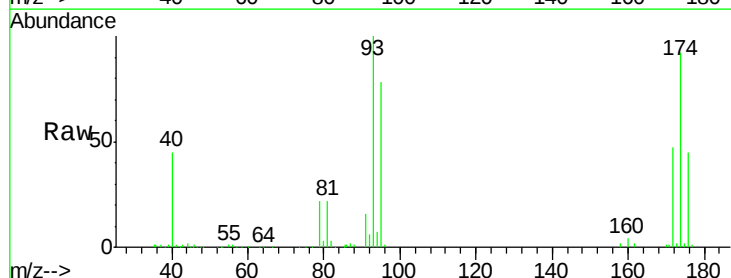
Tgt Ion: 93 Resp: 32995

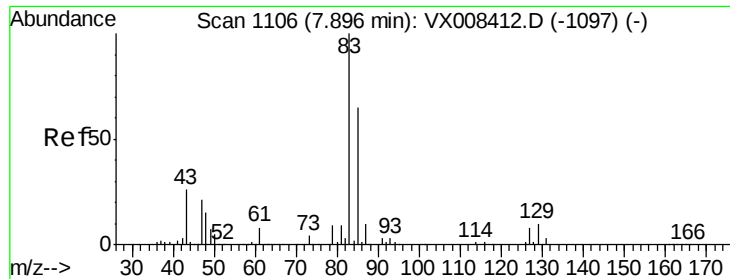
Ion Ratio Lower Upper

93 100

95 81.3 67.0 100.6

174 93.5 76.0 114.0





#47

Bromodichloromethane

Concen: 19.356 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

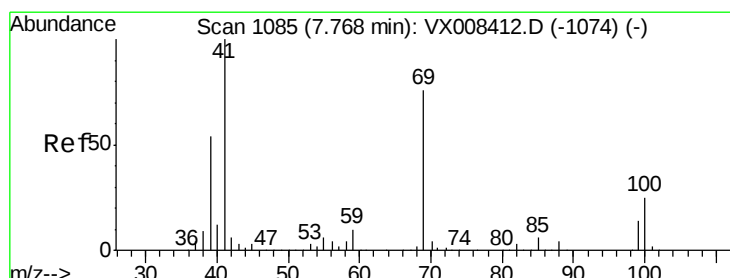
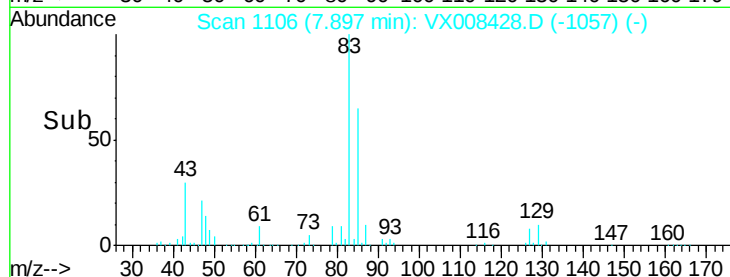
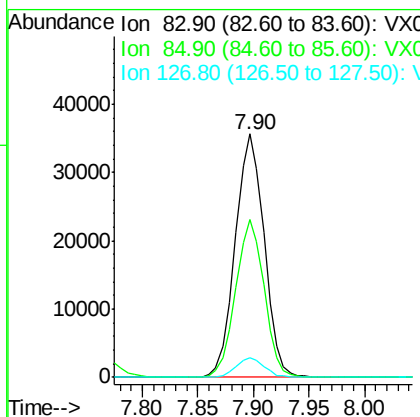
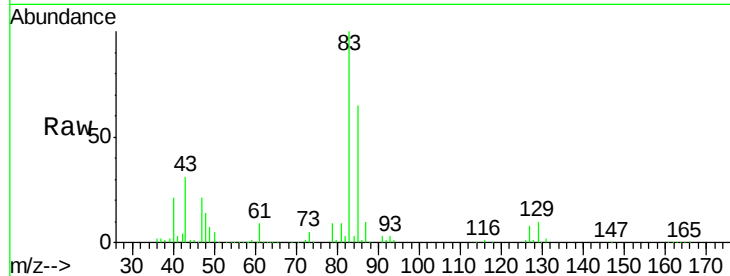
ClientSampleId :

VX0325WBSD01

Tot Ion:	83	Resp:	64170
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.0	78.0
127	8.0	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.370 ug/l

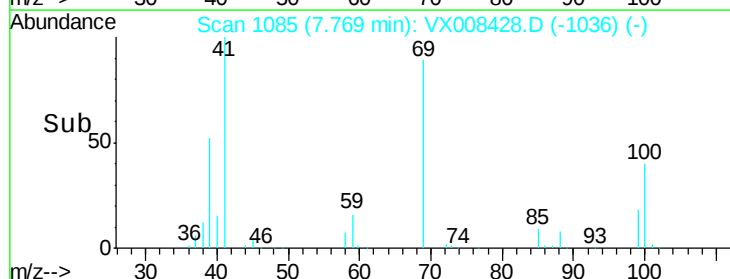
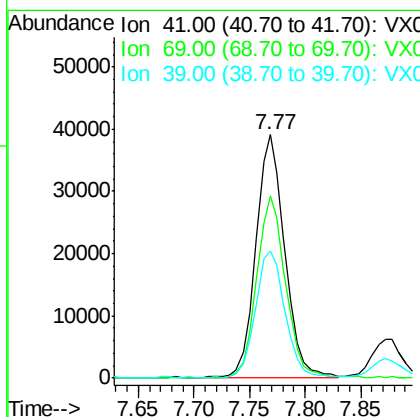
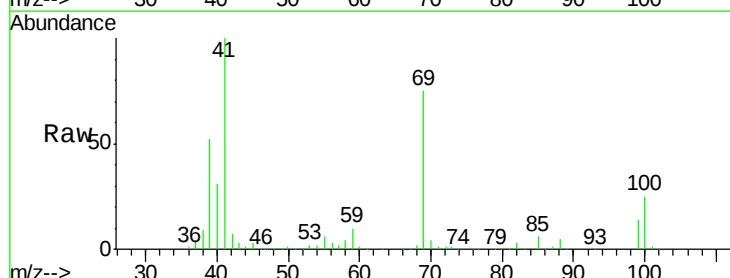
RT: 7.77 min Scan# 1085

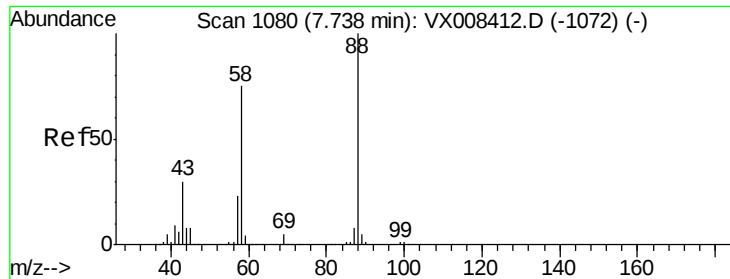
Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion:	41	Resp:	70001
Ion	Ratio	Lower	Upper
41	100		
69	75.9	60.8	91.2
39	53.8	42.3	63.5





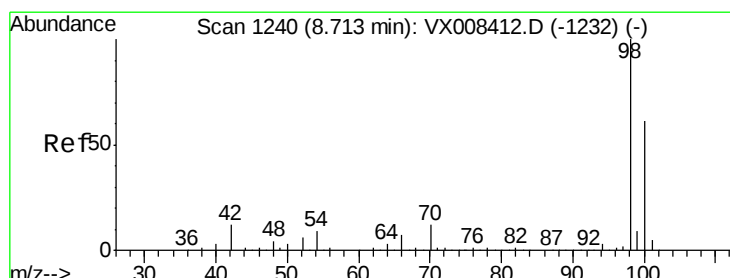
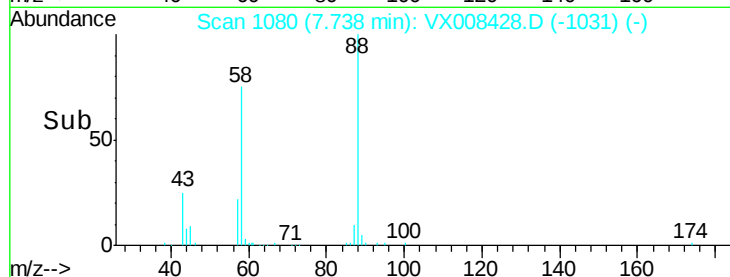
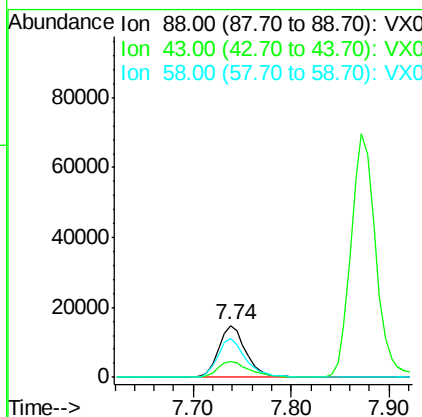
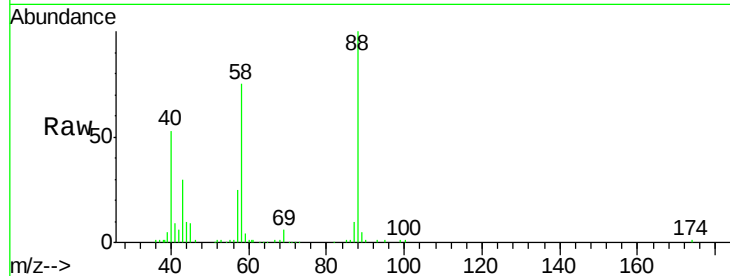
#49
1,4-Dioxane
Concen: 401.077 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	43.0
58	78.2	63.0	94.4

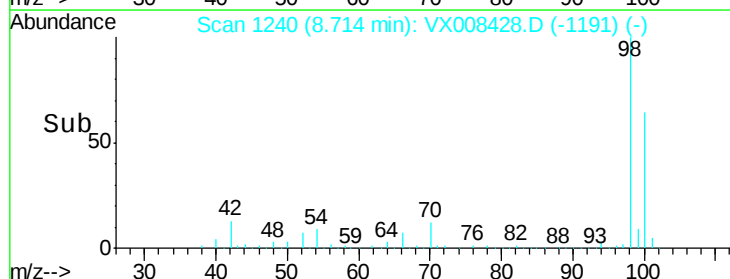
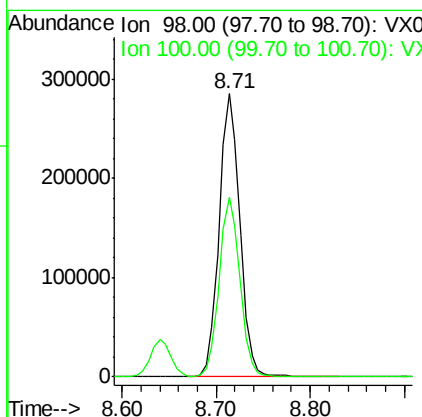
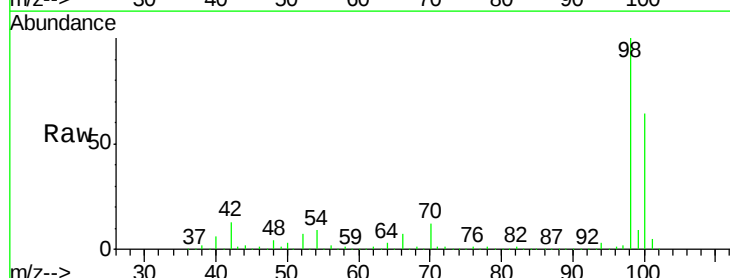
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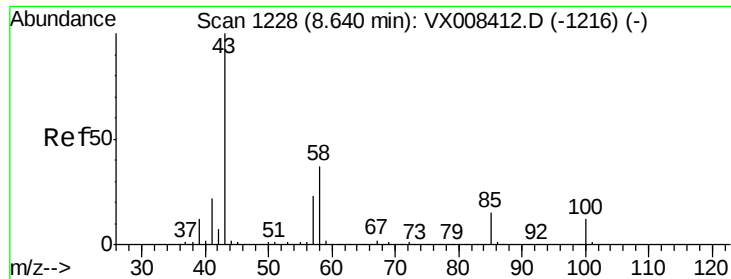
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#50
Toluene-d8
Concen: 51.030 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.1	76.7





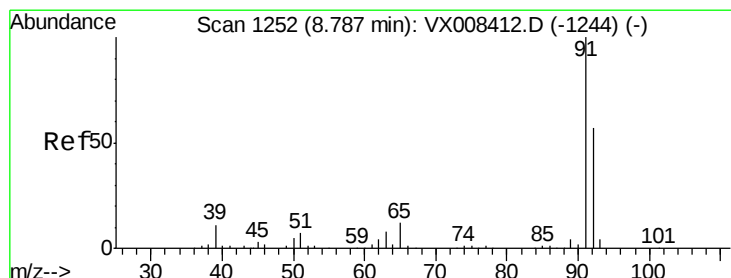
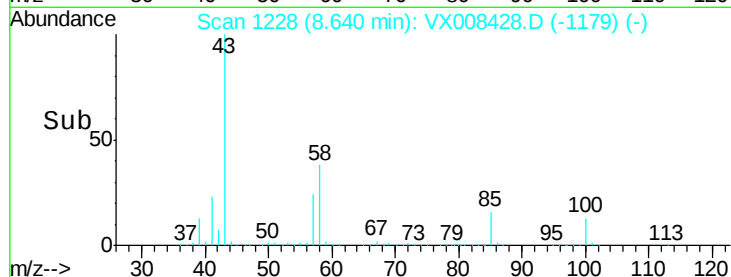
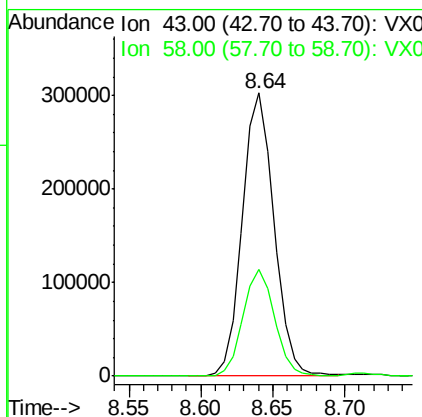
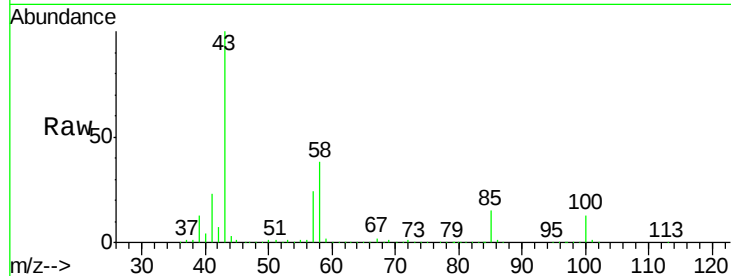
#51
4-Methyl-2-Pentanone
Concen: 98.682 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.8	44.8

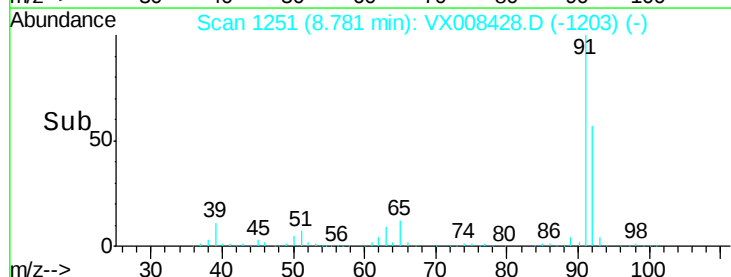
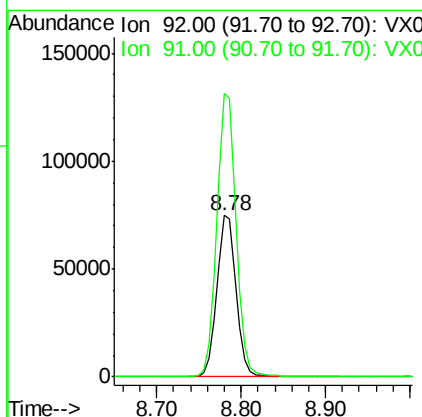
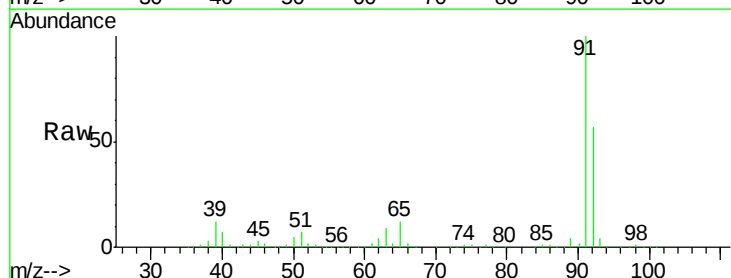
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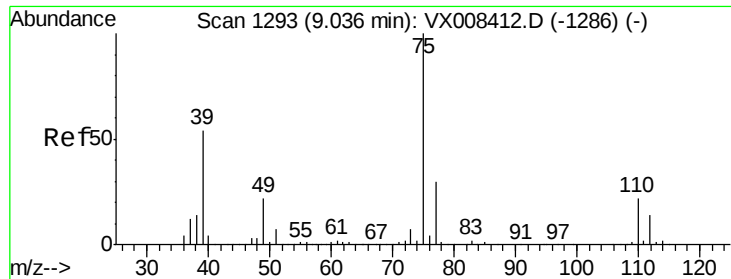
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#52
Toluene
Concen: 19.073 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.1	140.2	210.4





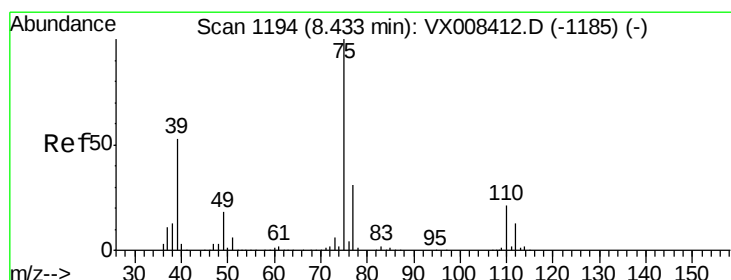
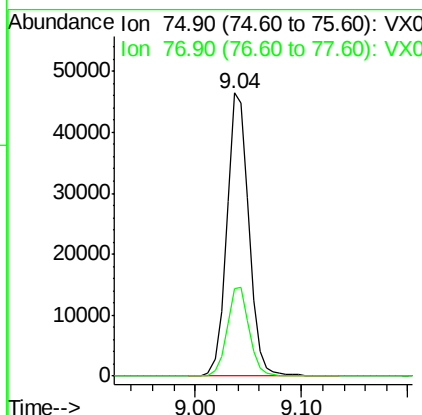
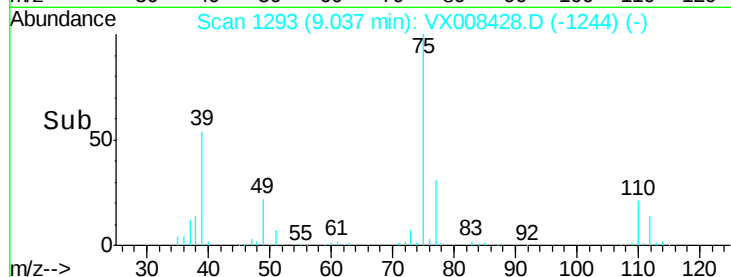
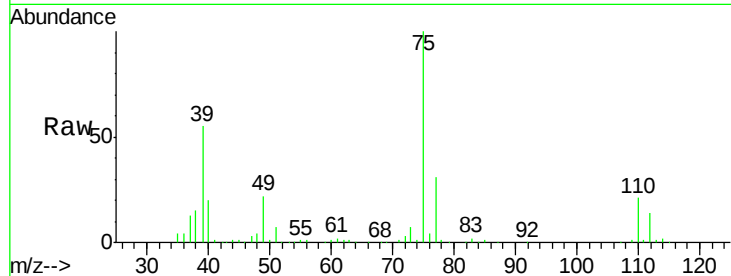
#53
t-1,3-Dichloropropene
Concen: 18.475 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion: 75 Resp: 67086
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5

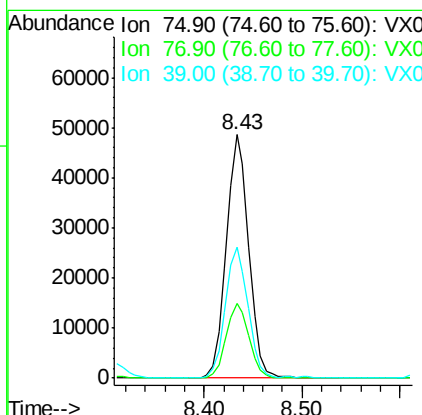
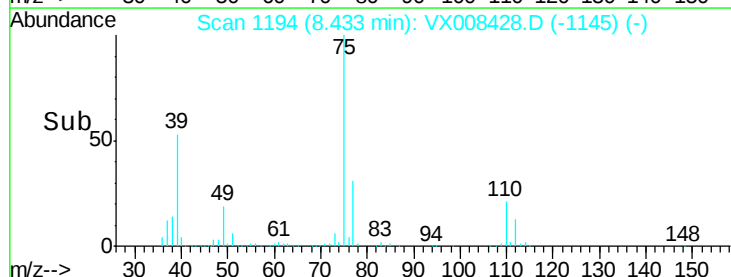
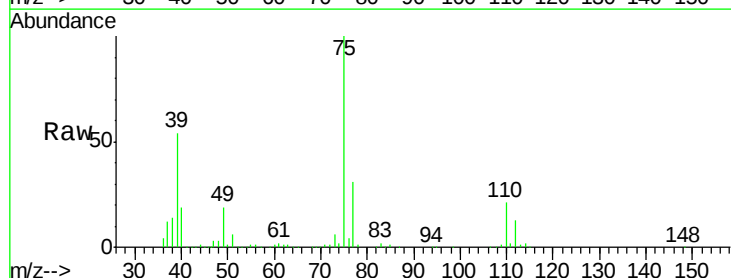
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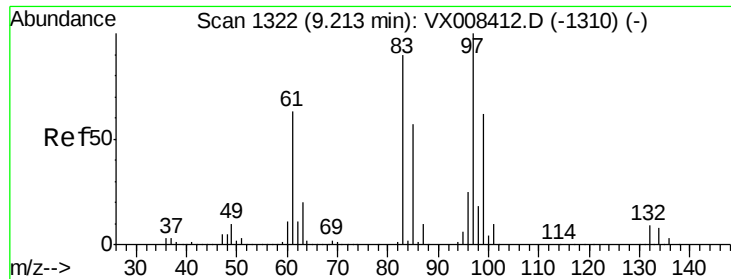
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#54
cis-1,3-Dichloropropene
Concen: 18.680 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 75 Resp: 77130
Ion Ratio Lower Upper
75 100
77 30.6 24.7 37.1
39 53.5 42.4 63.6





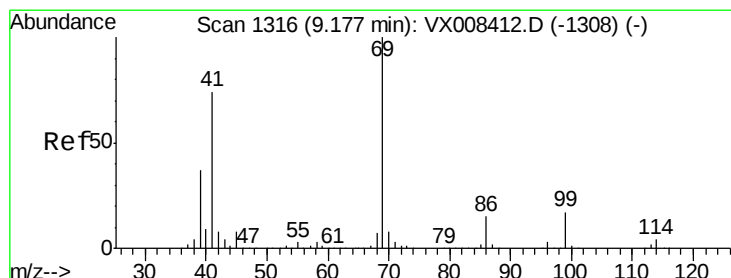
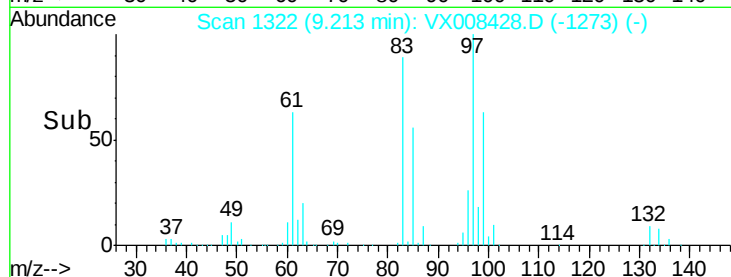
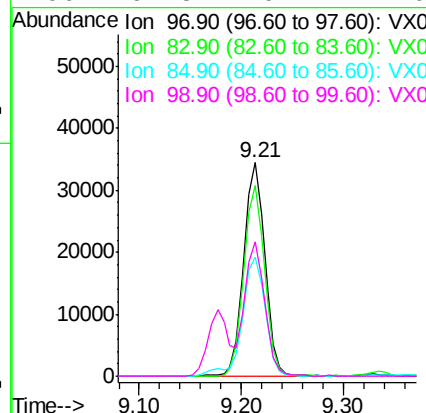
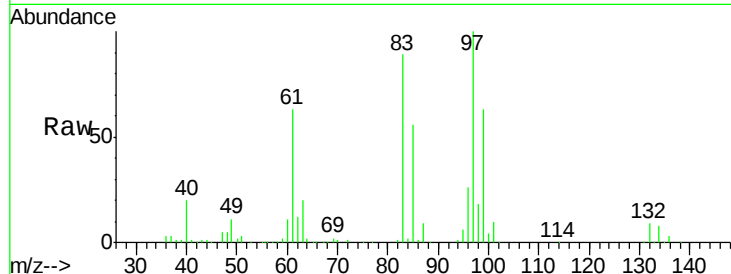
#55
 1,1,2-Trichloroethane
 Concen: 19.590 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Tot Ion:	97	Resp:	49756
Ion	Ratio	Lower	Upper
97	100		
83	89.3	71.8	107.6
85	55.9	45.9	68.9
99	62.8	49.4	74.0

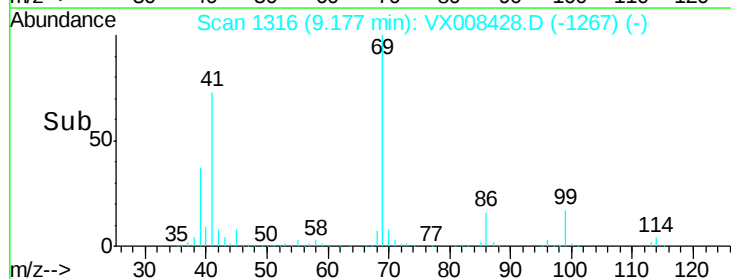
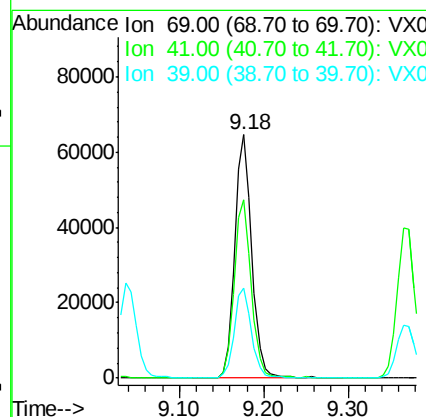
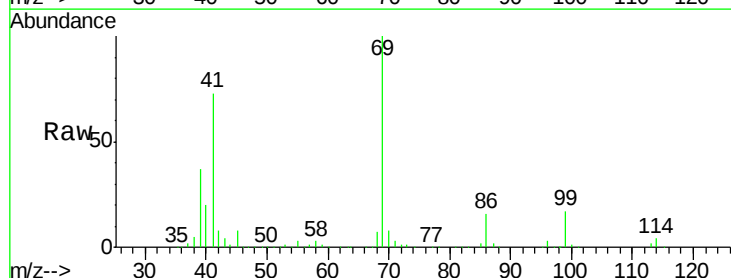
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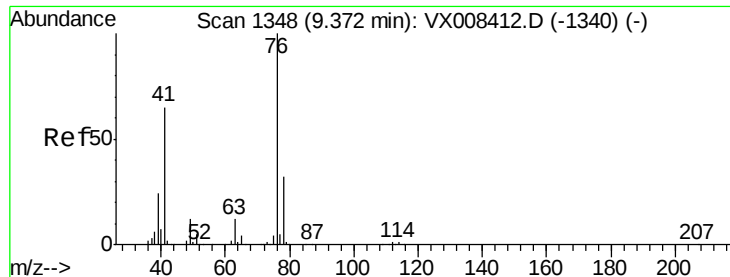
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#56
 Ethyl methacrylate
 Concen: 19.474 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion:	69	Resp:	89281
Ion	Ratio	Lower	Upper
69	100		
41	73.3	59.5	89.3
39	37.0	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.301 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 76 Resp: 87890

Ion Ratio Lower Upper

76 100

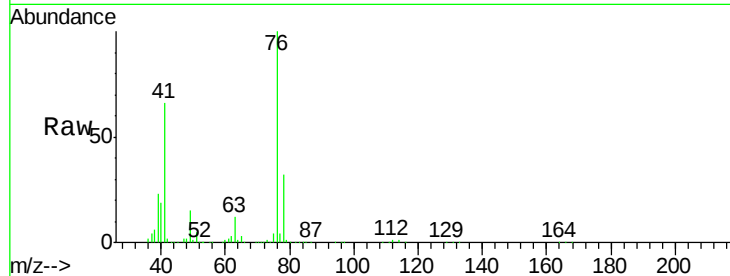
78 32.1 25.8 38.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

60000

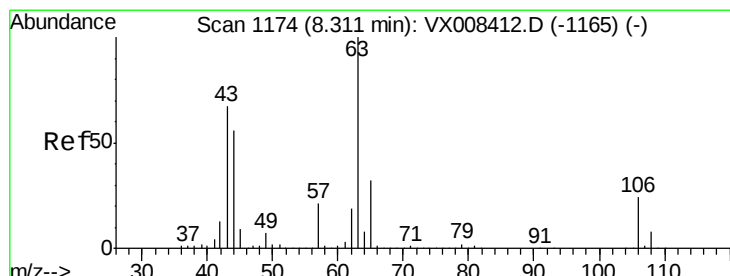
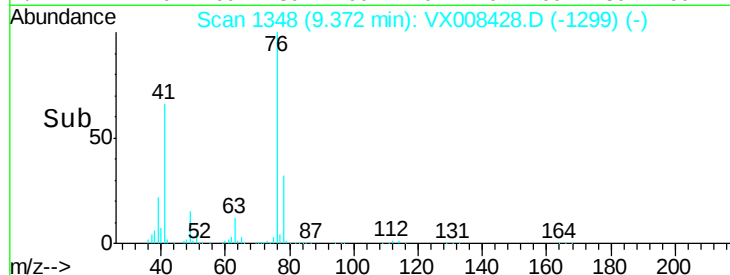
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 91.925 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008428.D

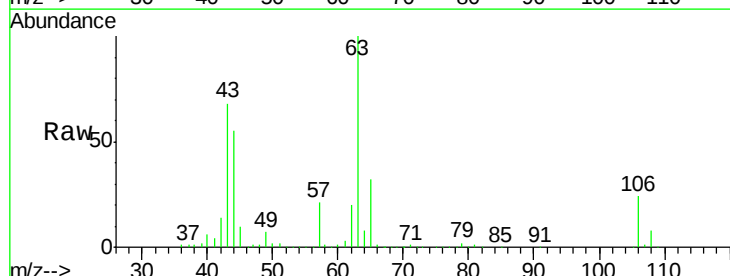
Acq: 25 Mar 2019 22:32

Tgt Ion: 63 Resp: 217850

Ion Ratio Lower Upper

63 100

106 23.9 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

150000

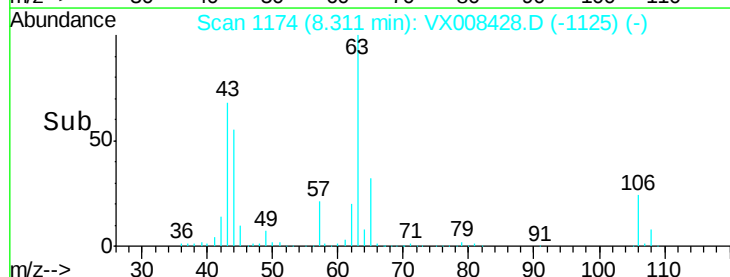
100000

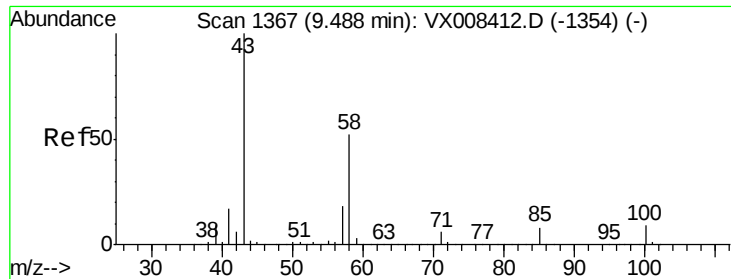
50000

0

8.20 8.30 8.40

Time-->





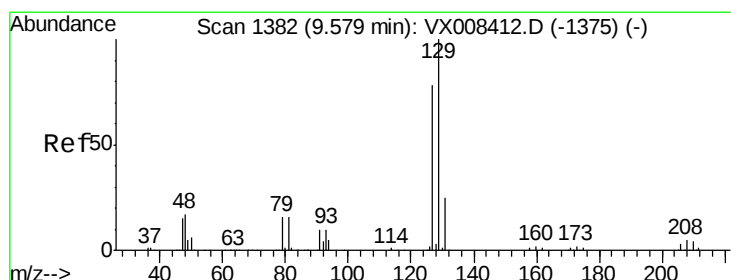
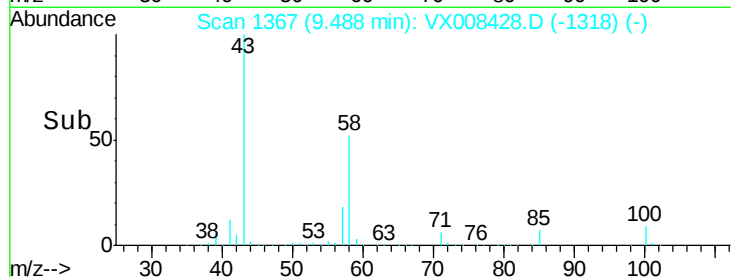
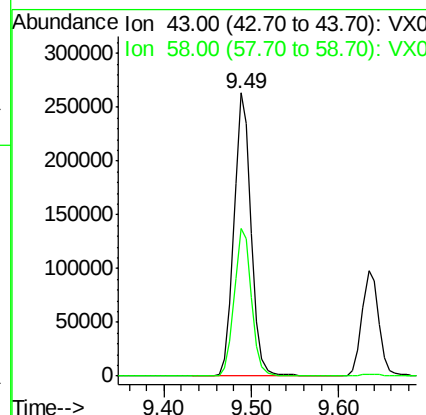
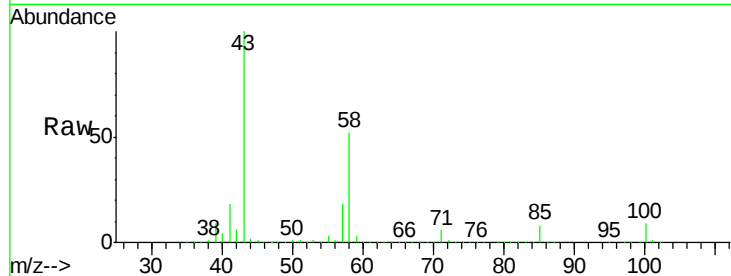
#59
2-Hexanone
Concen: 98.390 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion: 43 Resp: 357642
Ion Ratio Lower Upper
43 100
58 52.8 26.3 78.9

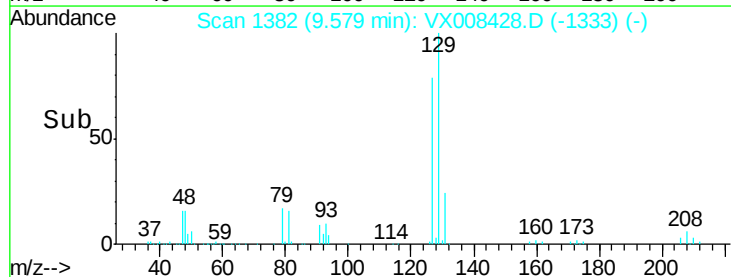
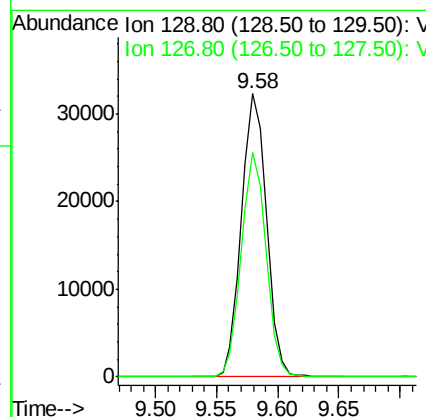
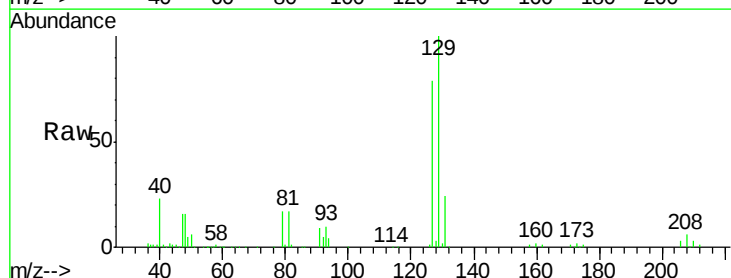
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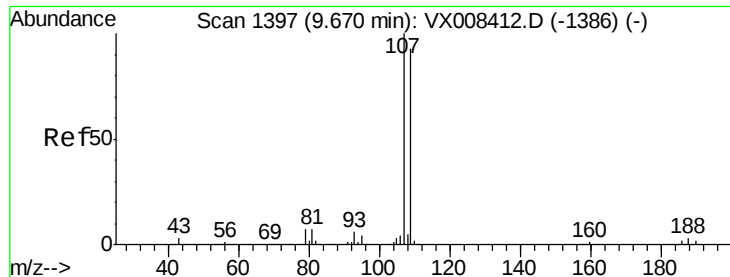
MMDadoda
3/26/2019 9:47:11 AM



#60
Dibromochloromethane
Concen: 18.990 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 129 Resp: 45868
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 19.063 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion:107 Resp: 49410

Ion Ratio Lower Upper

107 100

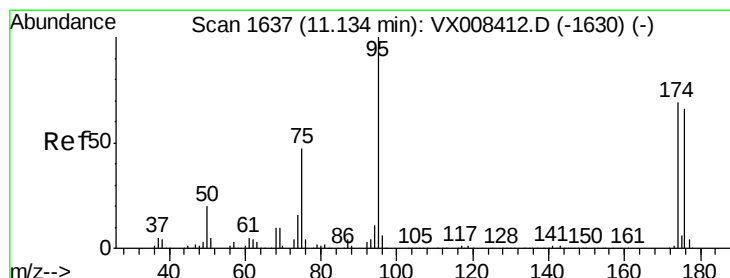
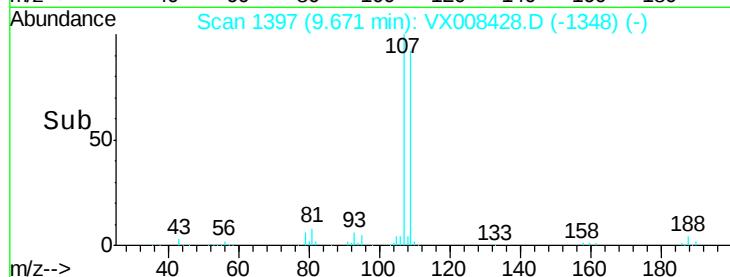
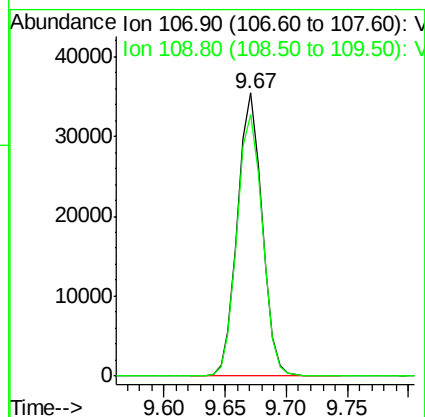
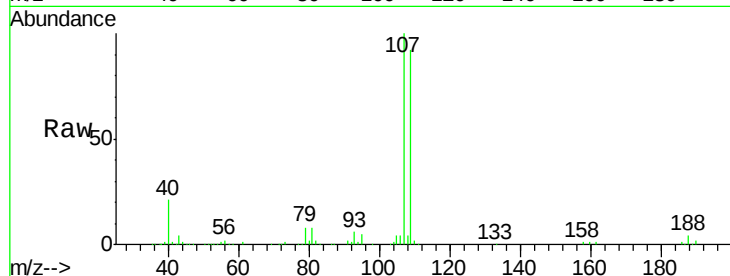
109 95.7 74.6 111.8

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#62

4-Bromofluorobenzene

Concen: 49.596 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

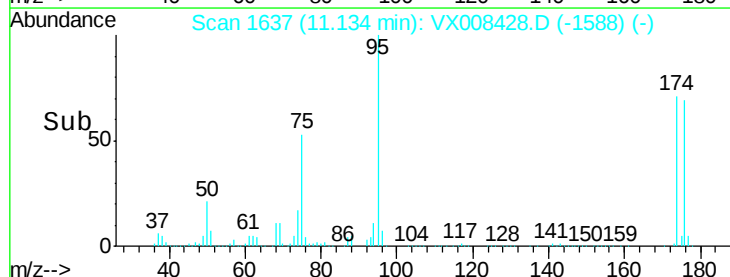
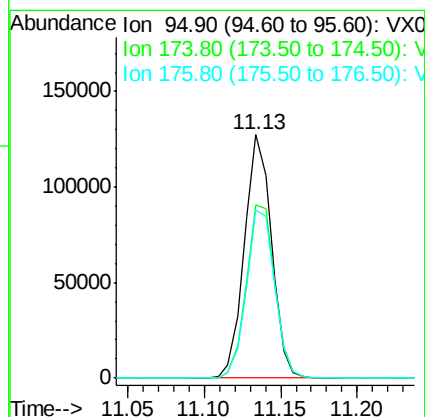
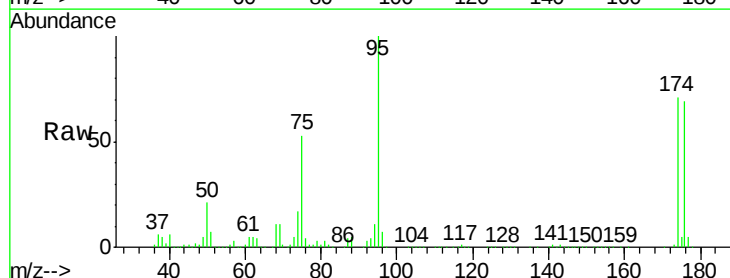
Tgt Ion: 95 Resp: 156648

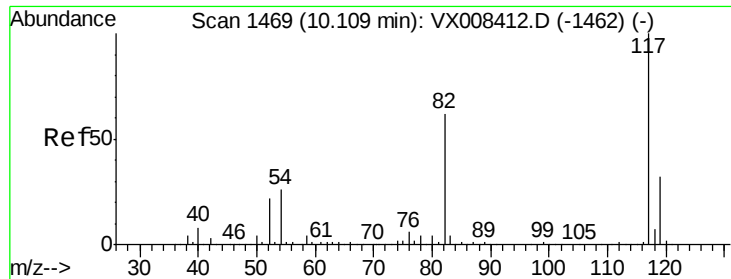
Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

176 71.9 0.0 142.4





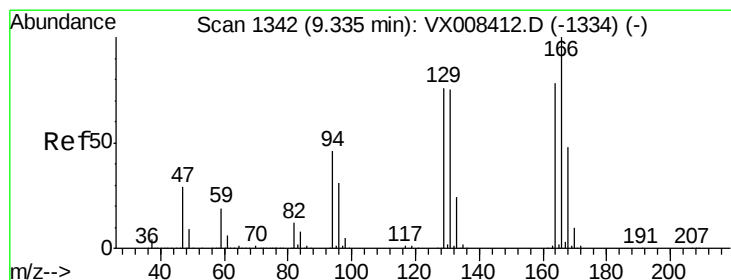
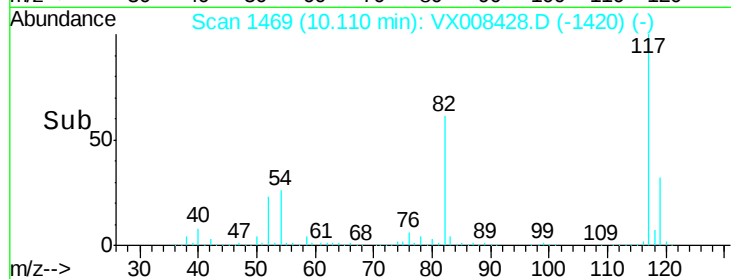
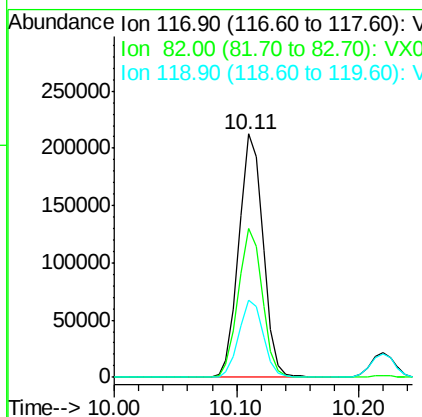
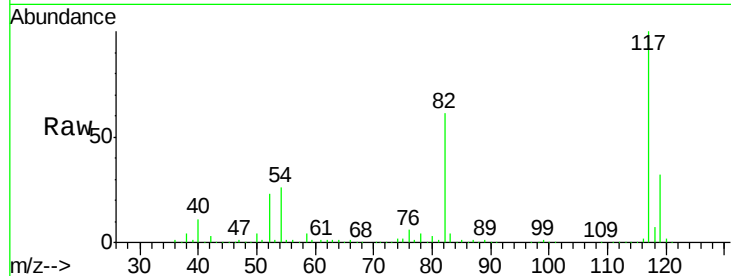
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	49.4	74.2
119	31.7	25.4	38.0

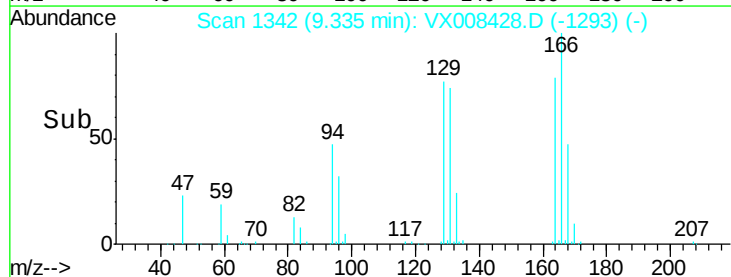
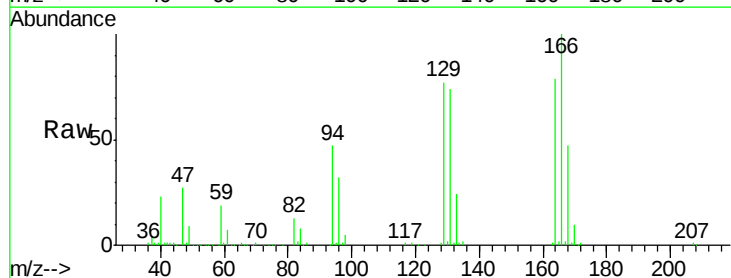
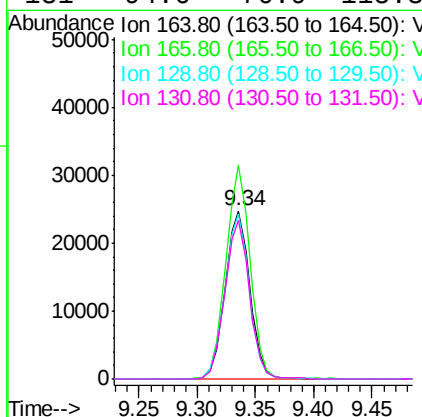
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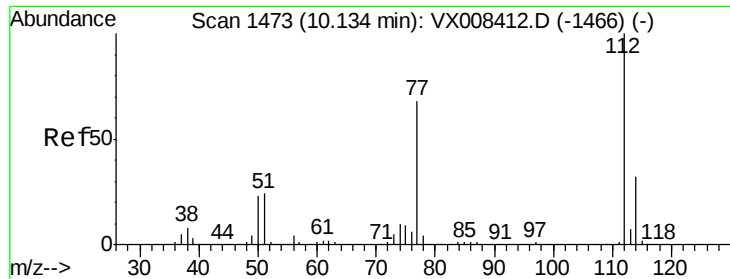
MMDadoda
3/26/2019 9:47:11 AM



#64
Tetrachloroethene
Concen: 18.451 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.5	153.7
129	98.3	77.8	116.8
131	94.6	76.9	115.3





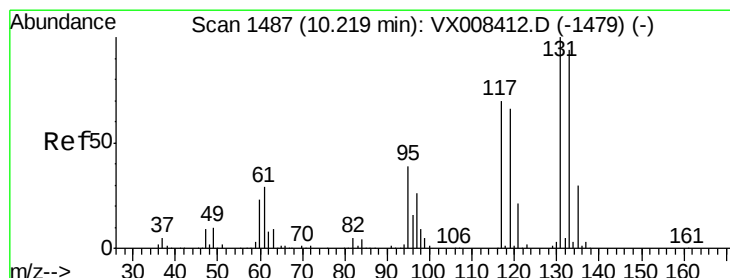
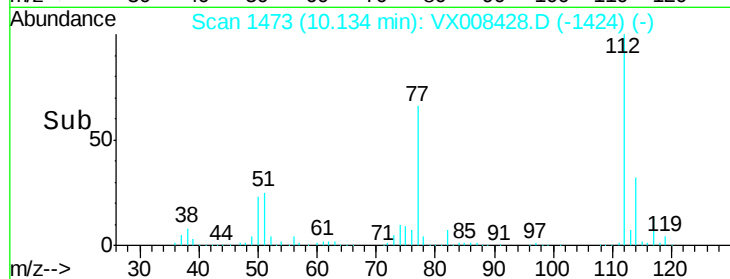
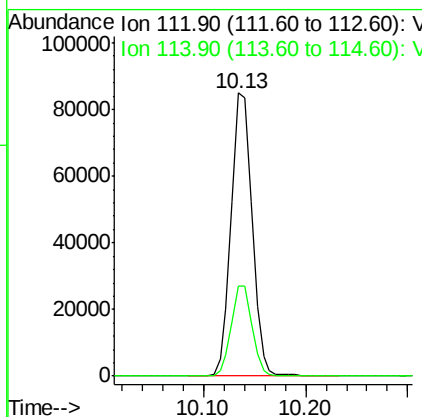
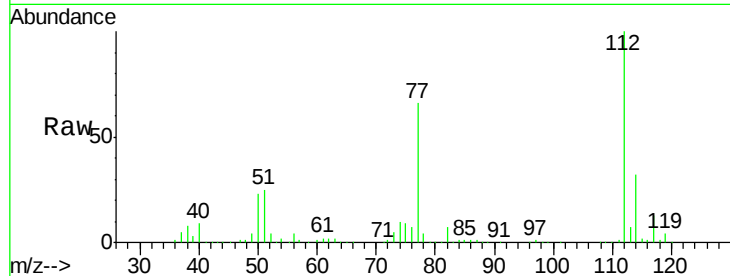
#65
Chlorobenzene
Concen: 19.049 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion:112 Resp: 120681
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

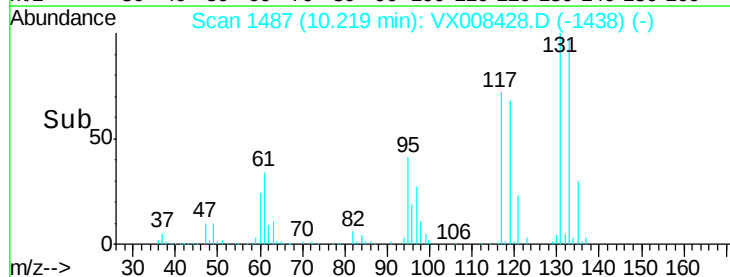
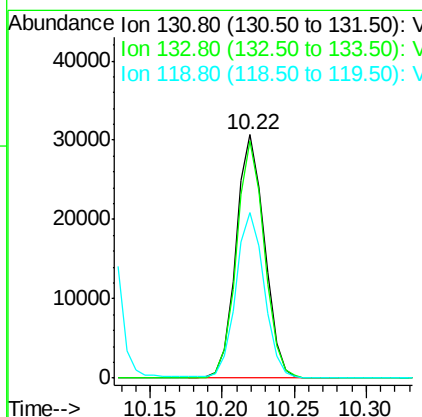
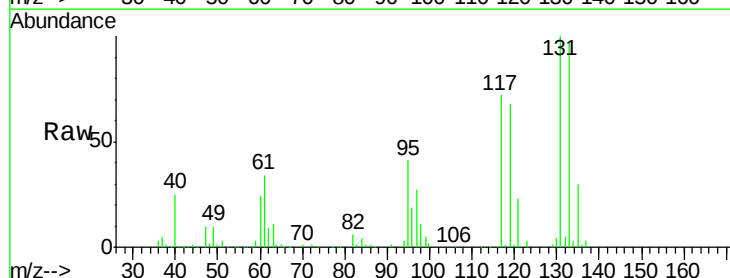
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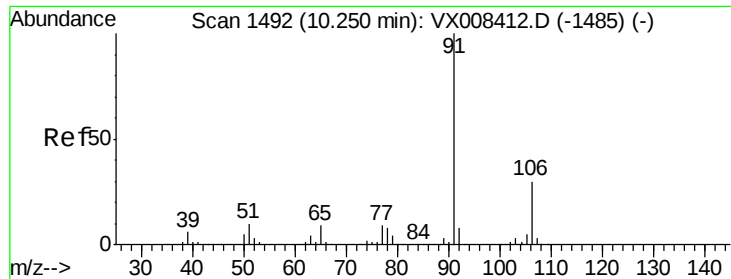
MMDadoda
3/26/2019 9:47:11 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.339 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion:131 Resp: 42270
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 67.7 33.6 100.6





#67

Ethyl Benzene

Concen: 18.947 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 91 Resp: 226538

Ion Ratio Lower Upper

91 100

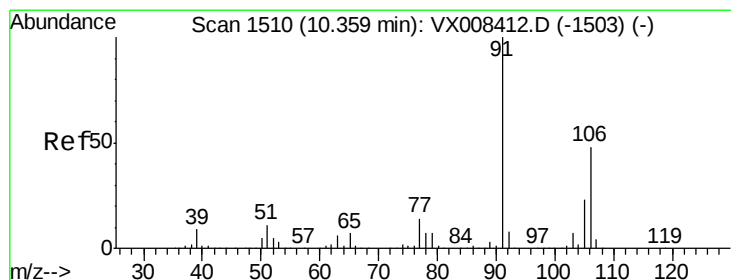
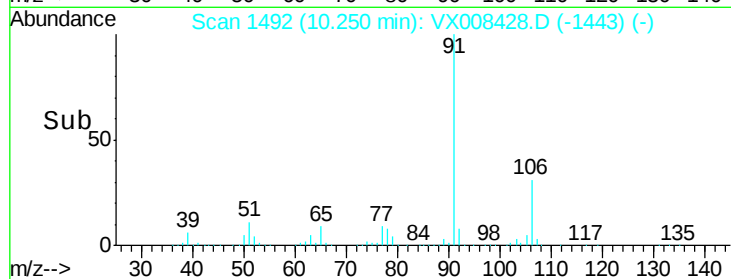
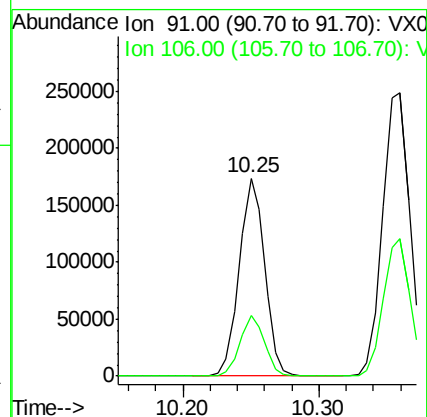
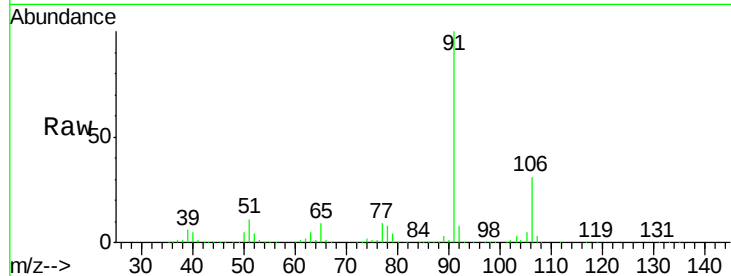
106 30.7 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.025 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008428.D

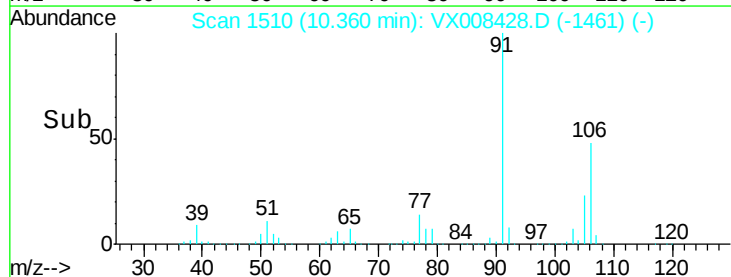
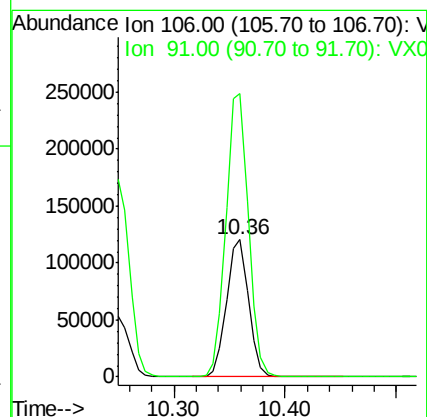
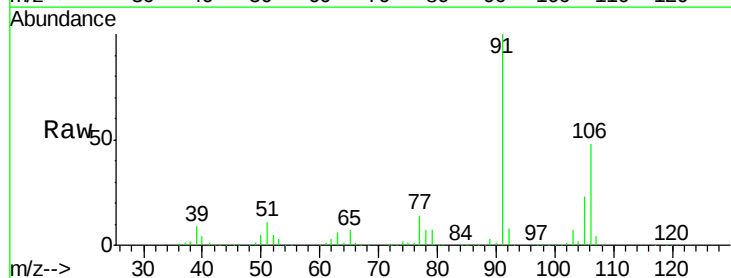
Acq: 25 Mar 2019 22:32

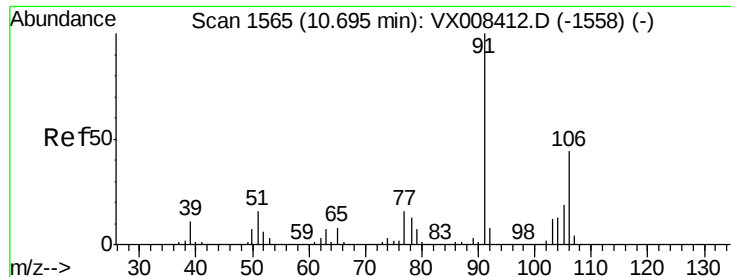
Tgt Ion: 106 Resp: 165395

Ion Ratio Lower Upper

106 100

91 210.9 168.6 253.0





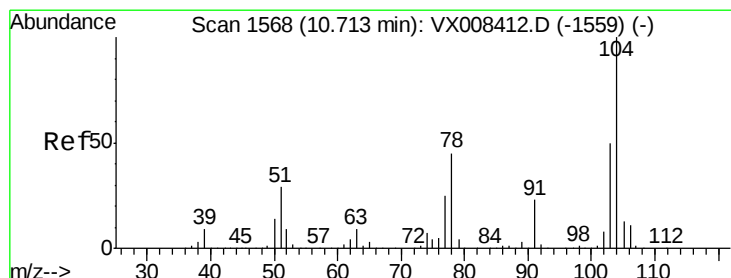
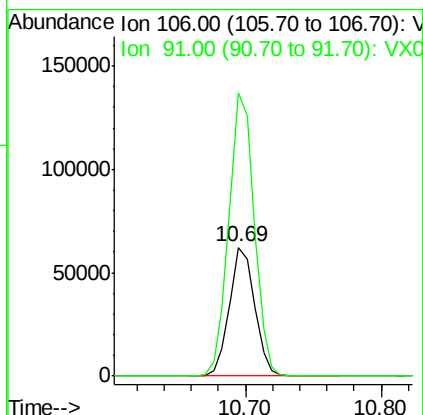
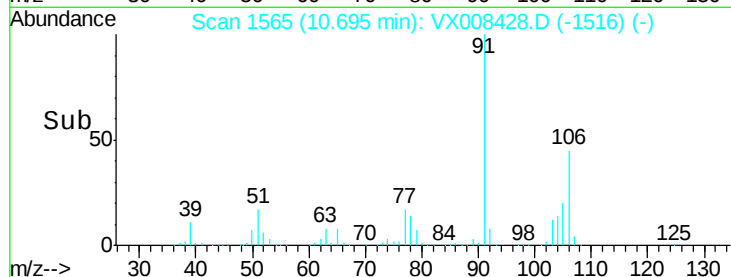
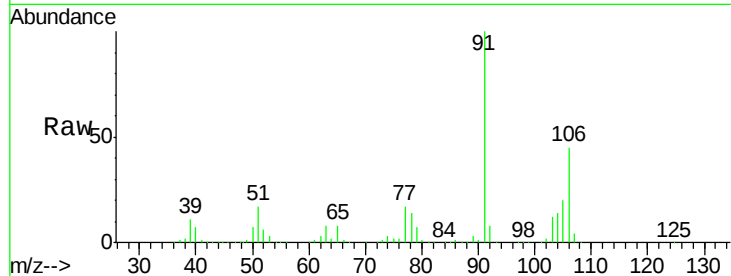
#69
o-Xylene
Concen: 19.098 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion:106 Resp: 80614
Ion Ratio Lower Upper
106 100
91 222.1 111.4 334.2

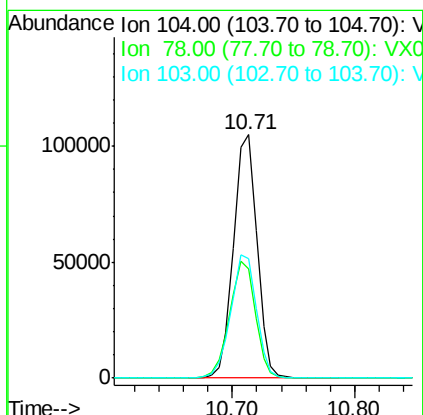
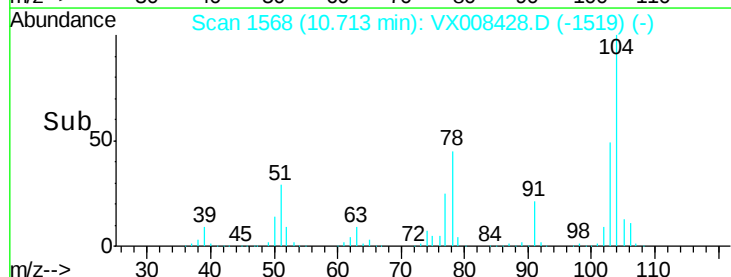
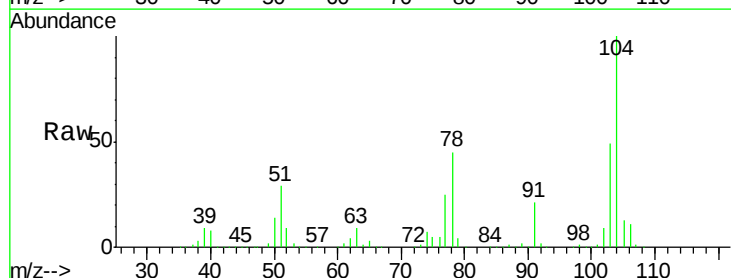
Manual Integrations
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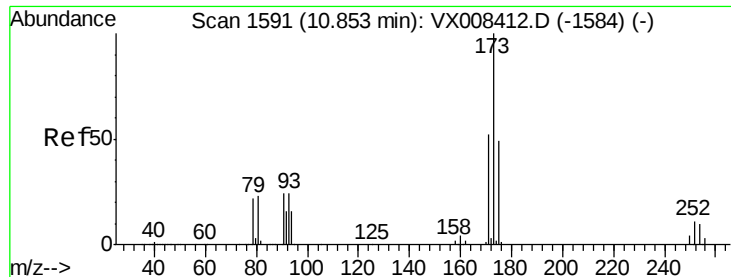
MMDadoda
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#70
Styrene
Concen: 19.102 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion:104 Resp: 139277
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 55.4 44.2 66.4





#71

Bromoform

Concen: 18.564 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

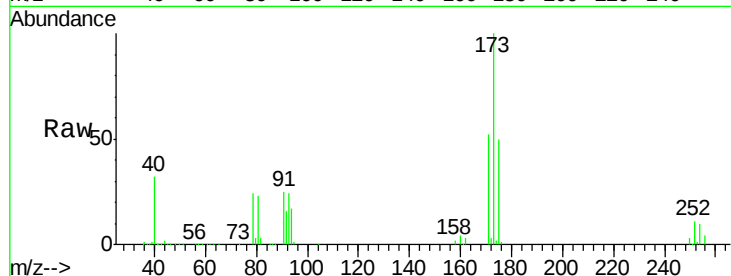
ClientSampleId :

VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.3	72.8
254	0.0	0.2	0.2

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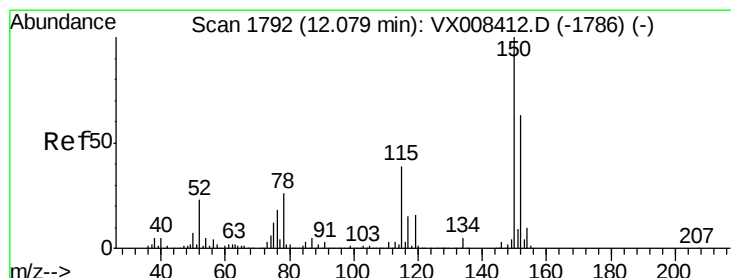
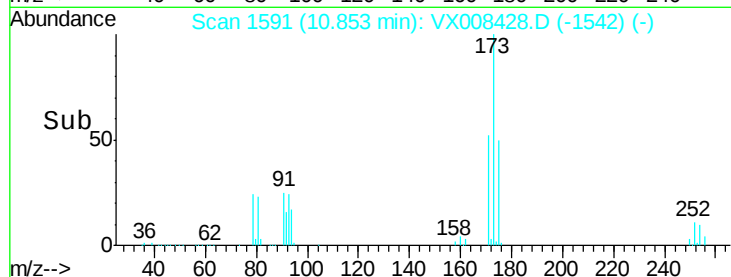
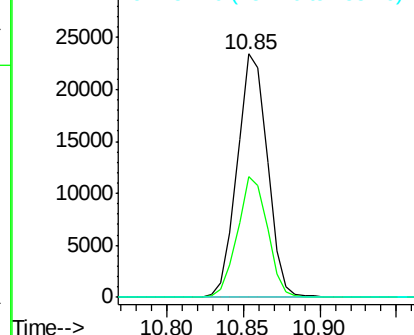


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

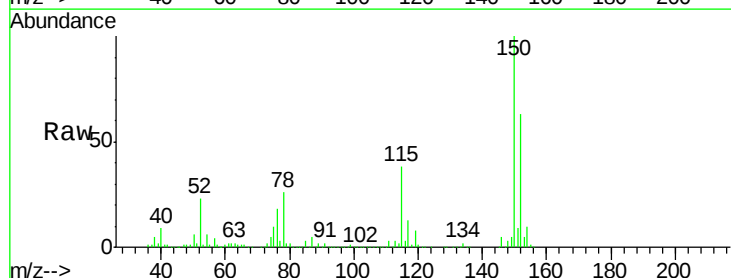
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	71.4	43.5	130.5
150	165.2	0.0	348.8

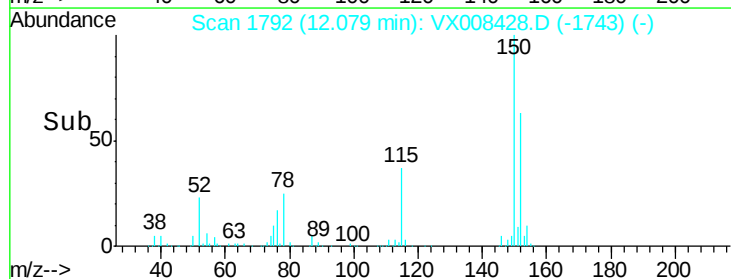
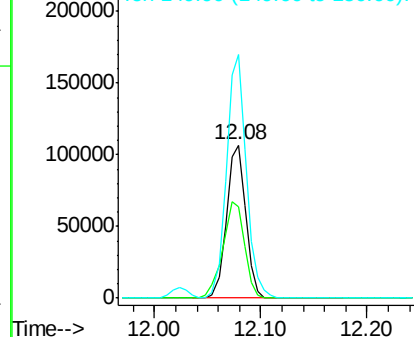


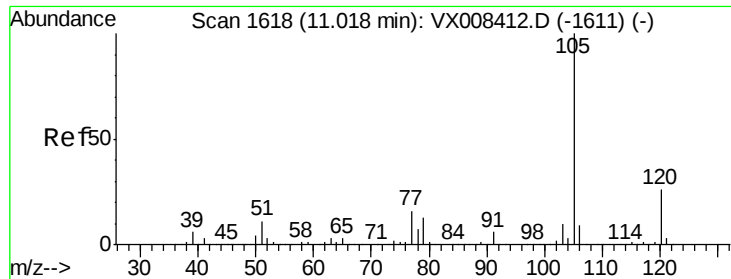
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.905 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 105 Resp: 216056

Ion Ratio Lower Upper

105 100

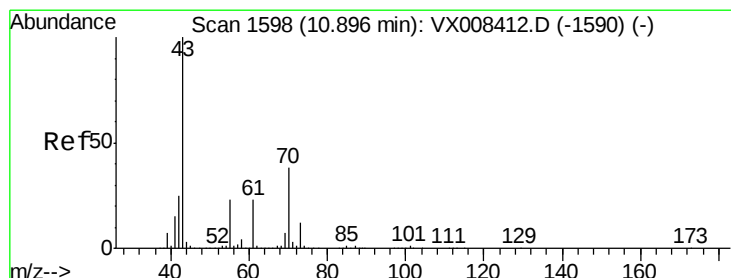
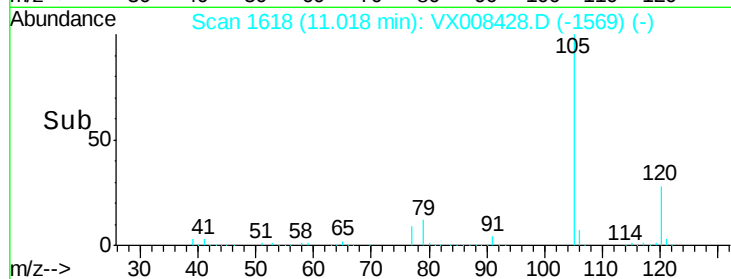
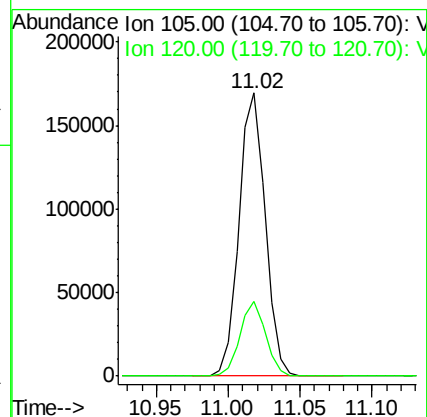
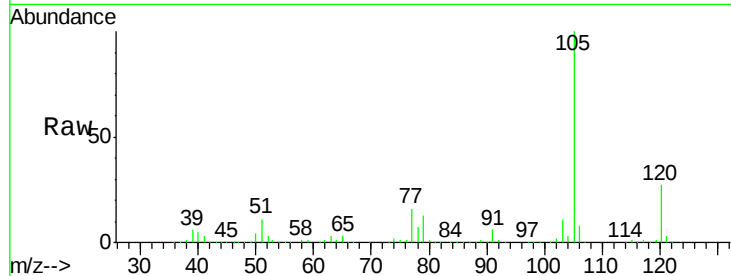
120 25.7 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.037 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion: 43 Resp: 125885

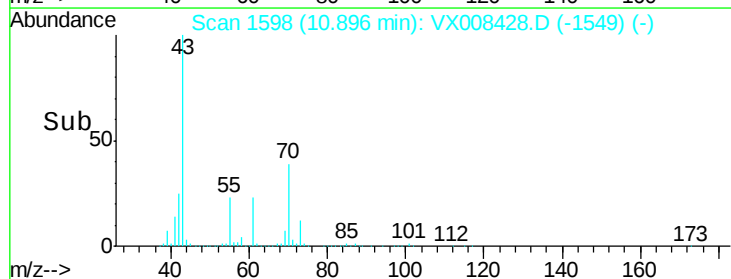
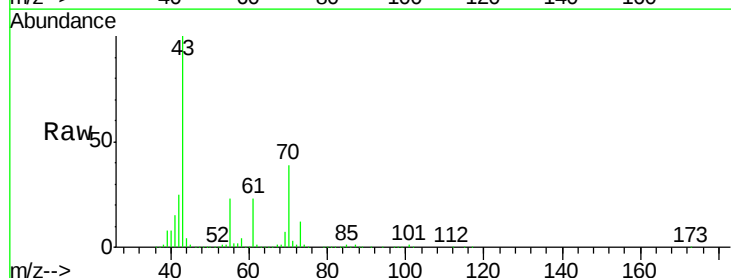
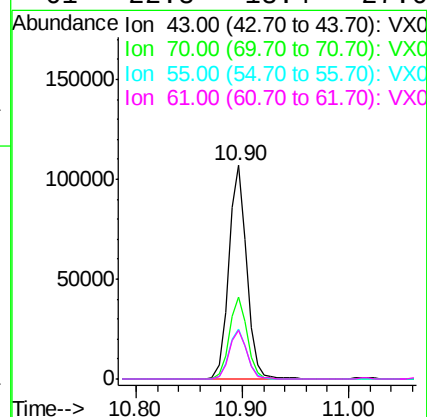
Ion Ratio Lower Upper

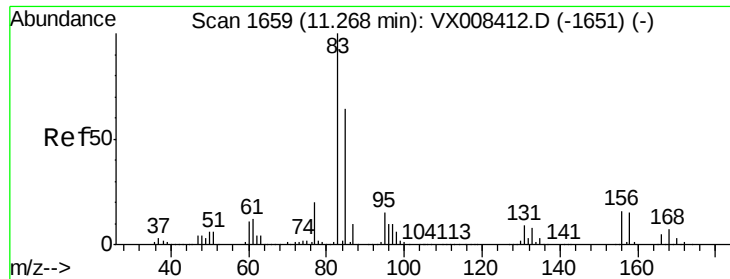
43 100

70 38.5 30.5 45.7

55 23.6 18.2 27.2

61 22.8 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.022 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

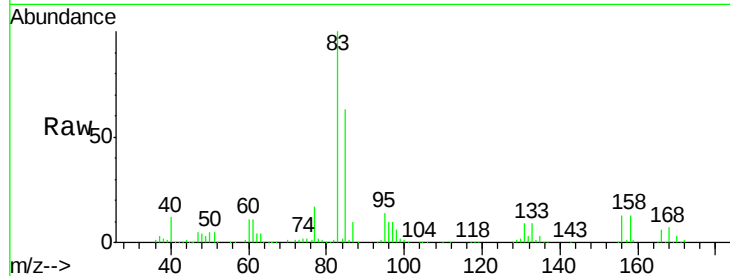
ClientSampleId :

VX0325WBSD01

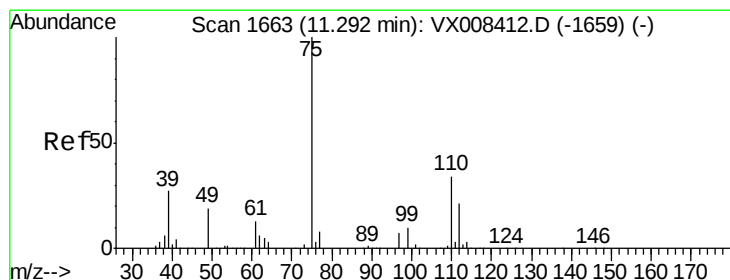
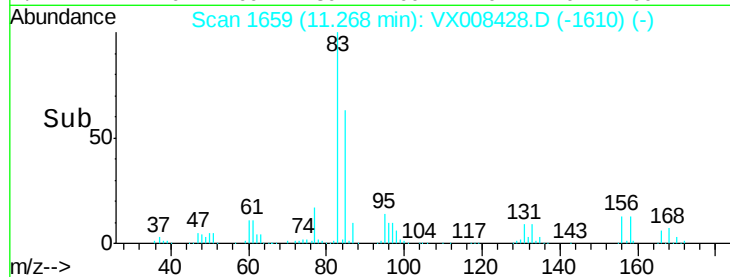
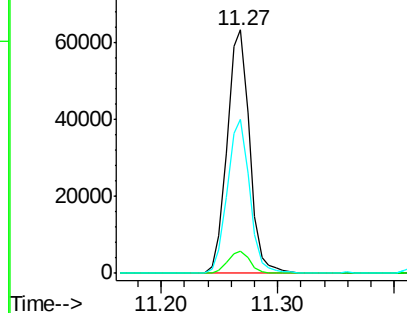
Tot Ion:	83	Resp:	84323
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.5	13.4
85	63.2	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.694 ug/l m

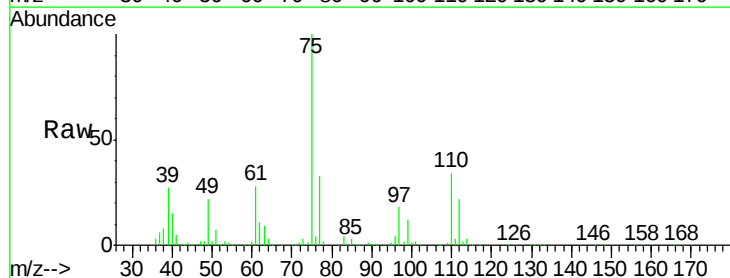
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

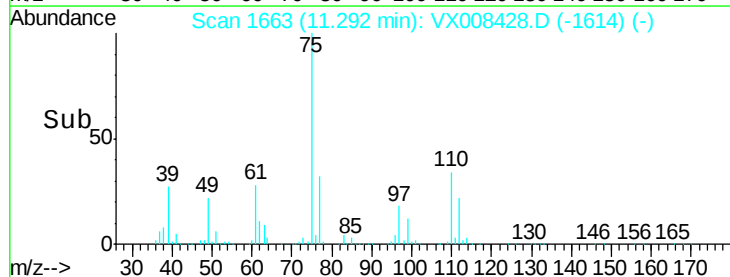
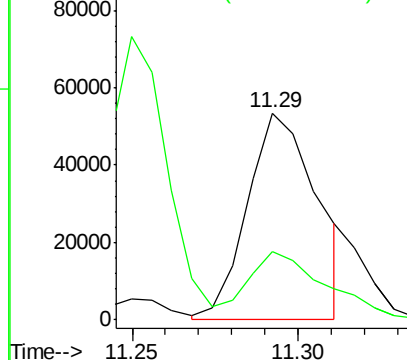
Lab File: VX008428.D

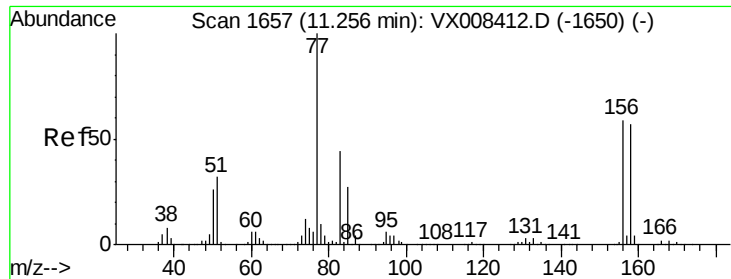
Acq: 25 Mar 2019 22:32

Tgt Ion:	75	Resp:	78117
Ion Ratio	Lower	Upper	
75	100		
77	37.1	21.9	65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.933 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

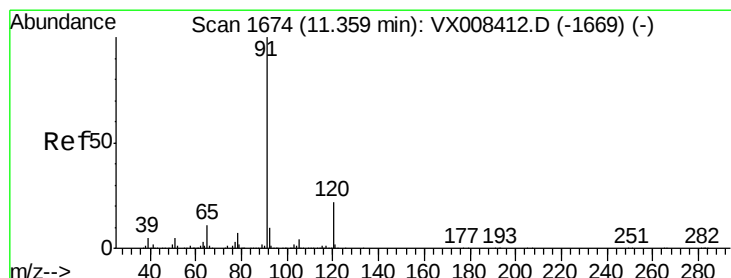
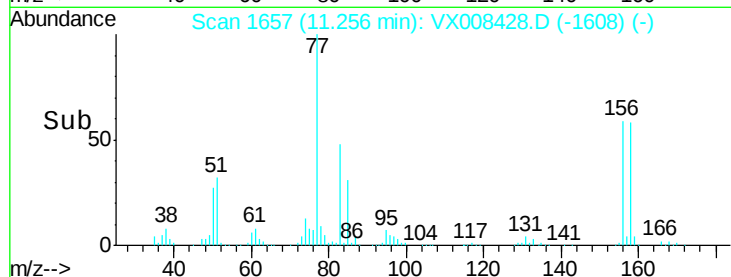
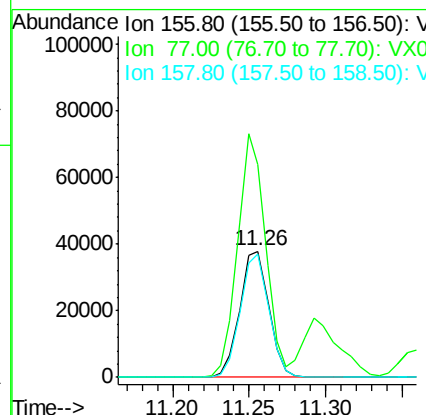
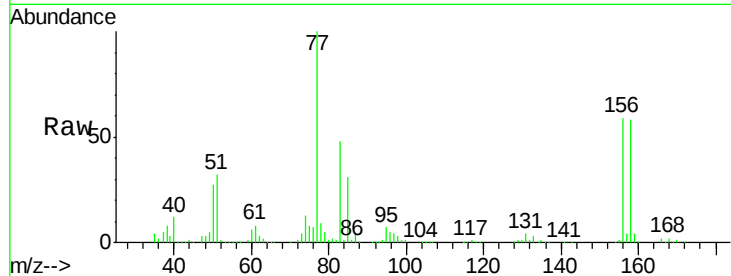
ClientSampleId :

VX0325WBSD01

Tot Ion:	156	Resp:	49877
Ion	Ratio	Lower	Upper
156	100		
77	185.4	91.1	273.3
158	96.0	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 19.586 ug/l

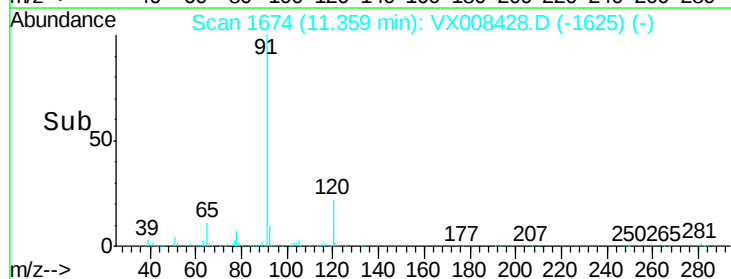
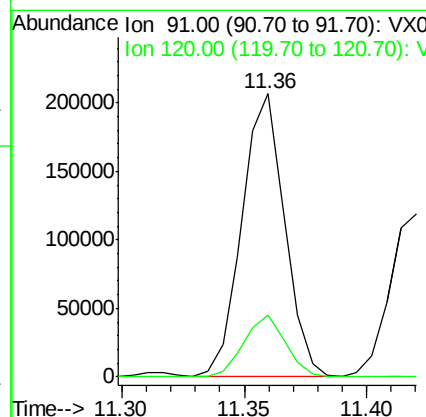
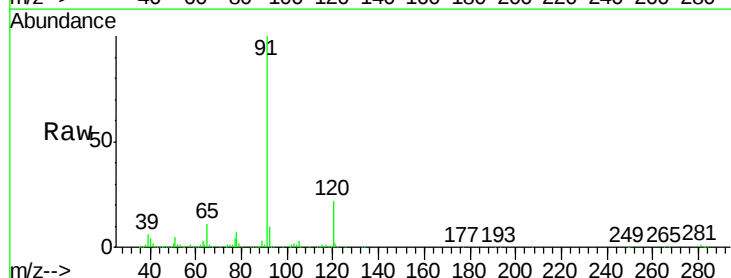
RT: 11.36 min Scan# 1674

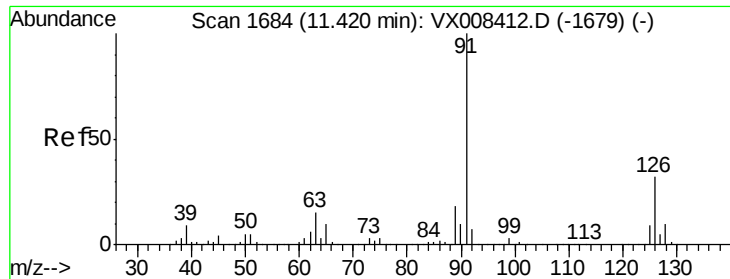
Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion:	91	Resp:	249048
Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.4





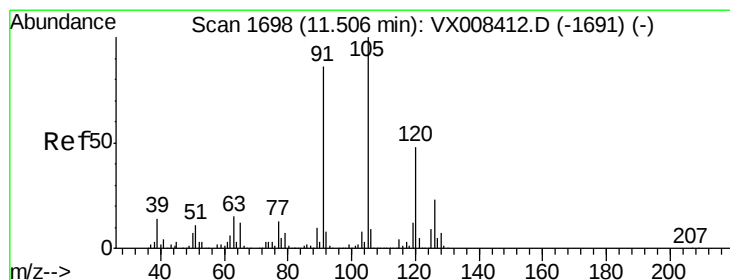
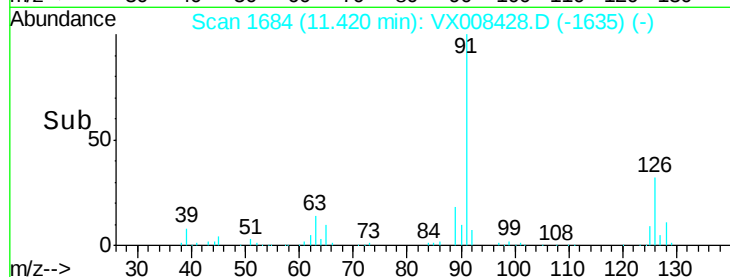
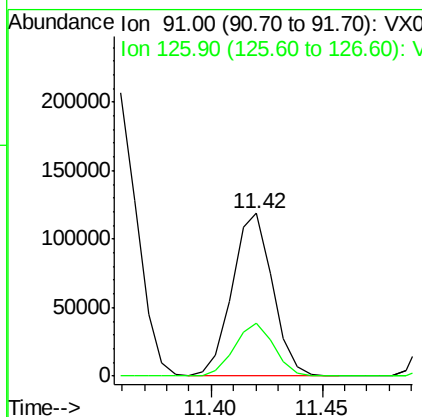
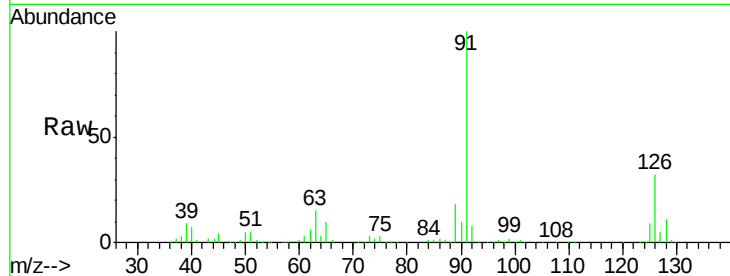
#79
2-Chlorotoluene
Concen: 19.280 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion: 91 Resp: 149110
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1

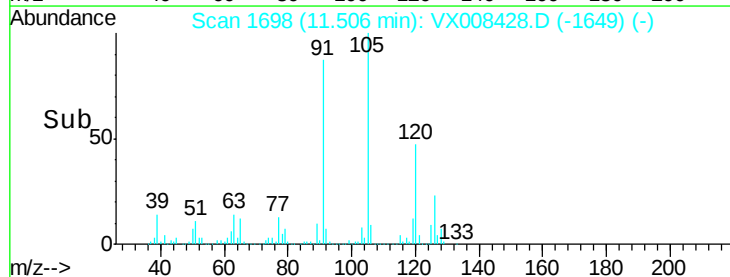
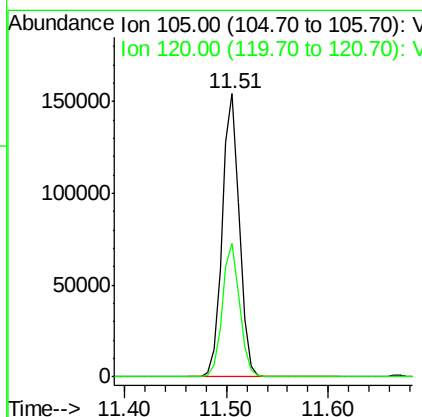
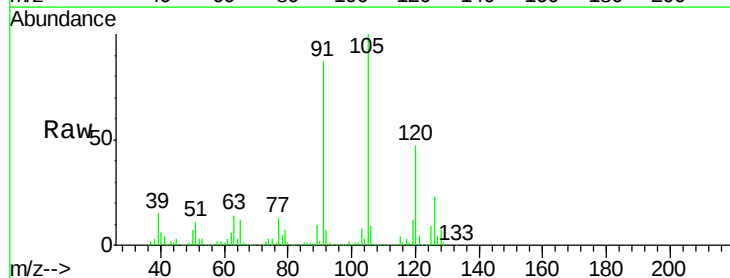
Manual Integrations
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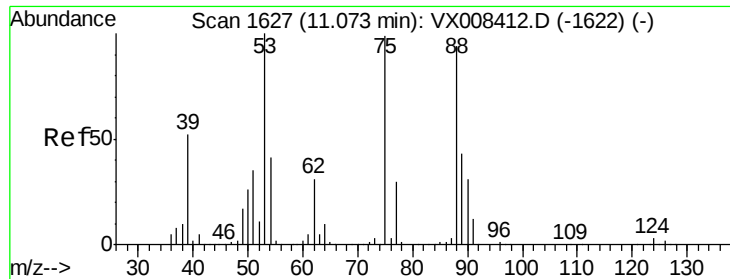
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#80
1,3,5-Trimethylbenzene
Concen: 19.715 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 105 Resp: 180921
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.216 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 75 Resp: 22560

Ion Ratio Lower Upper

75 100

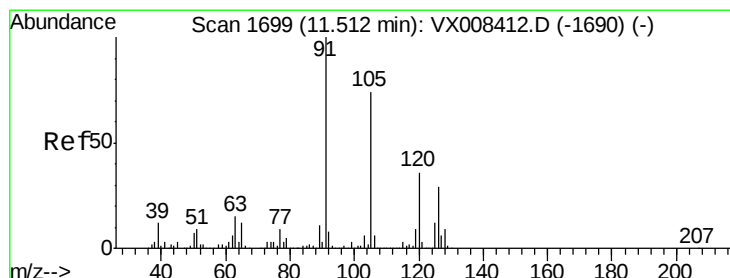
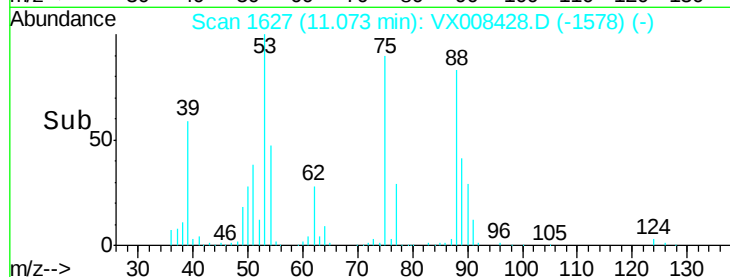
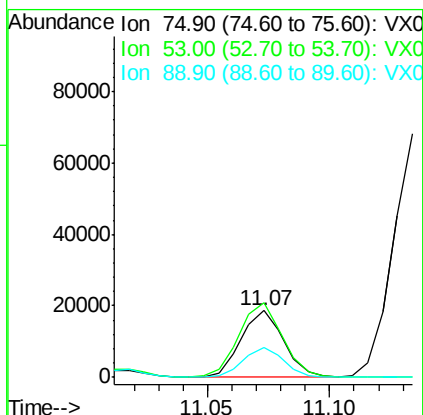
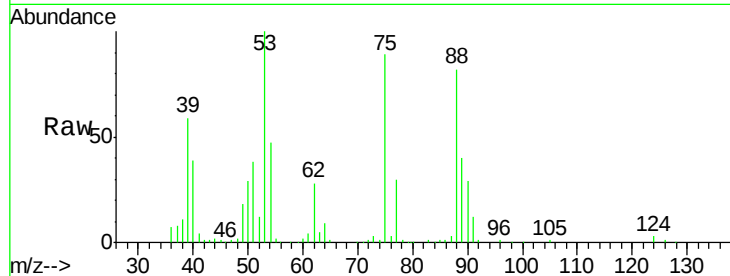
53 113.7 82.1 123.1

89 43.3 34.6 52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.093 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008428.D

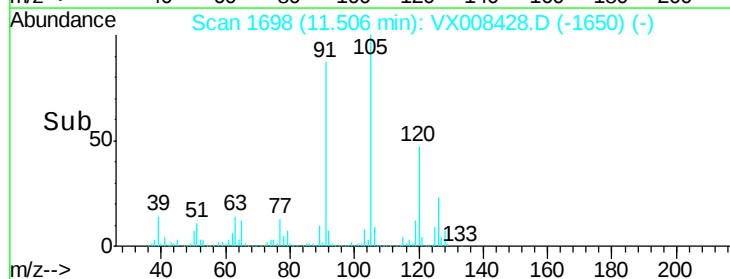
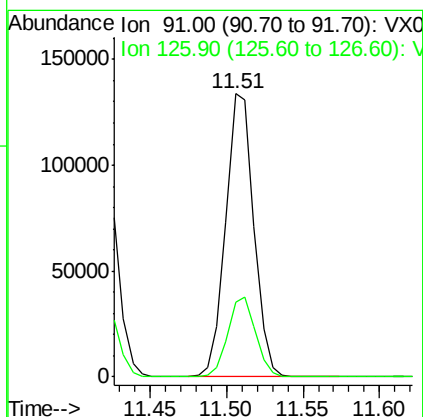
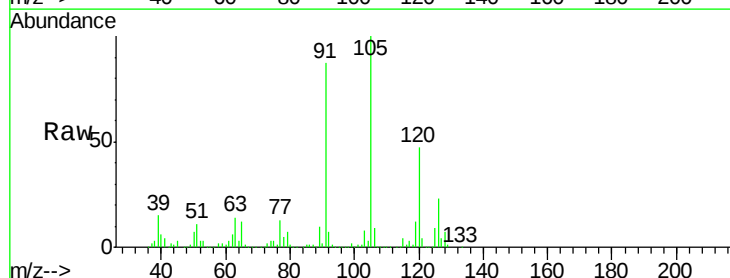
Acq: 25 Mar 2019 22:32

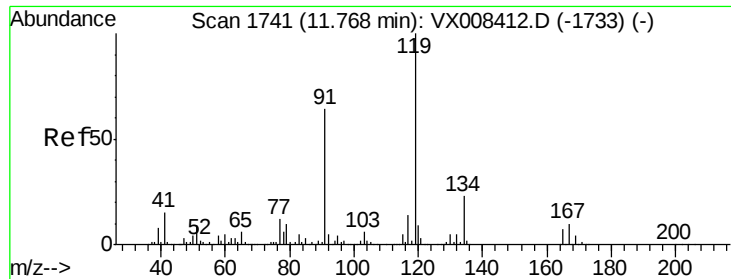
Tgt Ion: 91 Resp: 170329

Ion Ratio Lower Upper

91 100

126 27.6 13.9 41.7





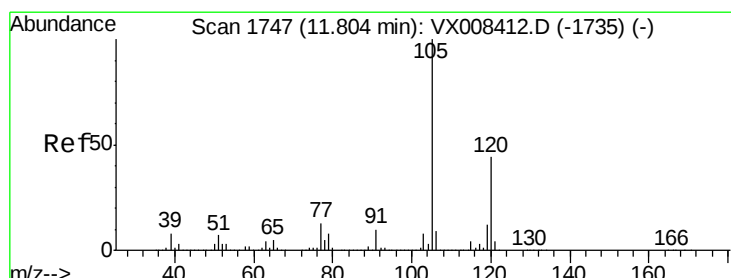
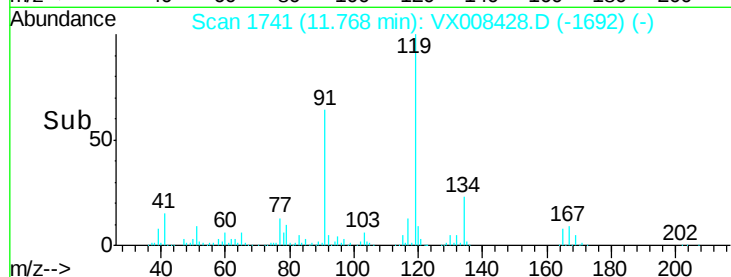
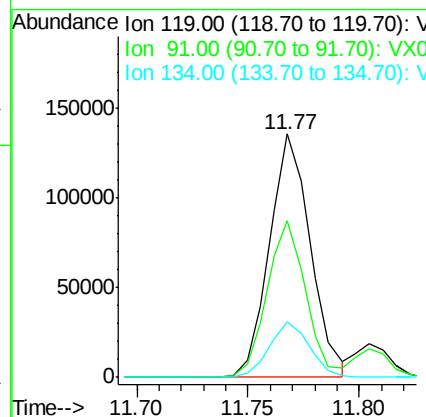
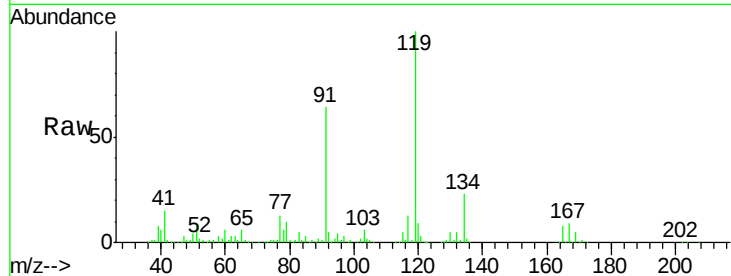
#83
 tert-Butylbenzene
 Concen: 19.466 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	172350		
91	61.3	30.1	90.3	
134	22.5	10.9	32.9	

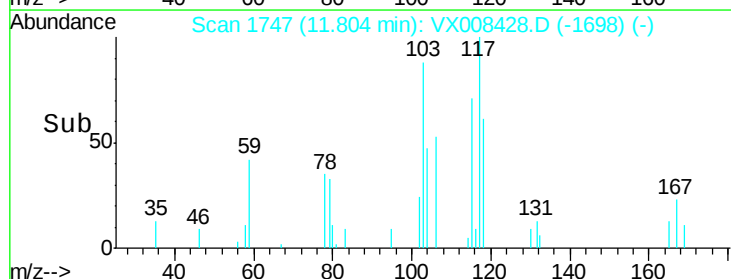
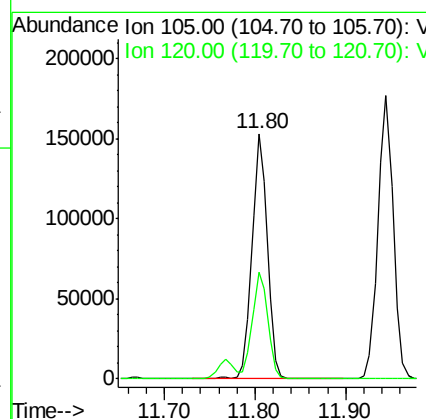
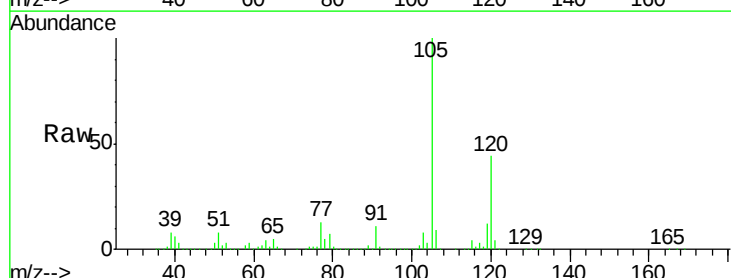
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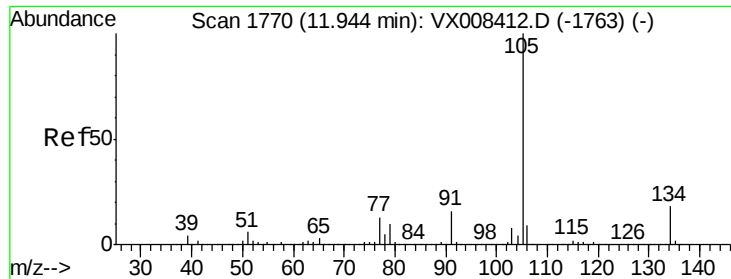
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.451 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180539		
120	44.2	21.6	65.0	





#85

sec-Butylbenzene

Concen: 19.610 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion:105 Resp: 206758

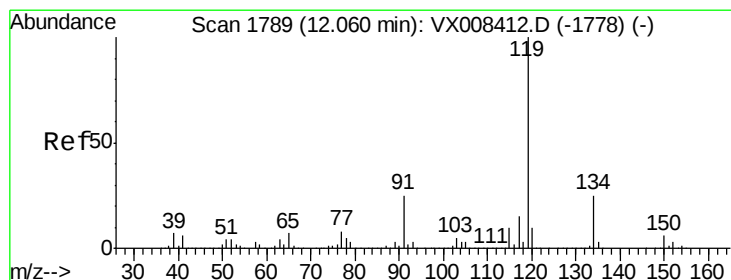
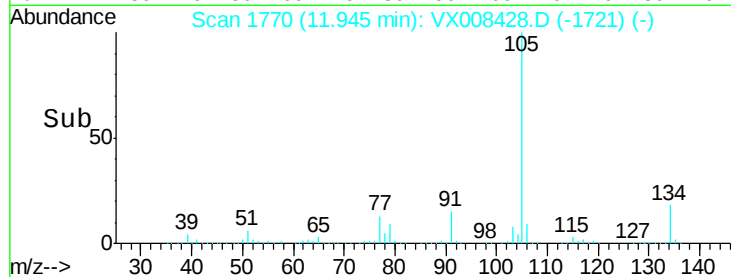
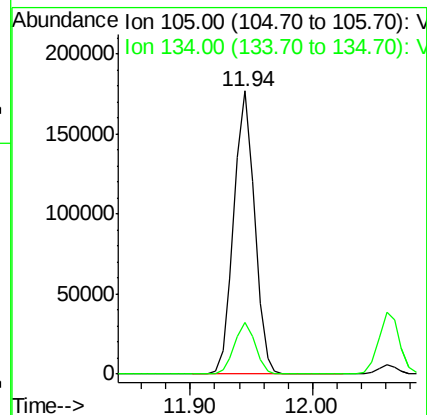
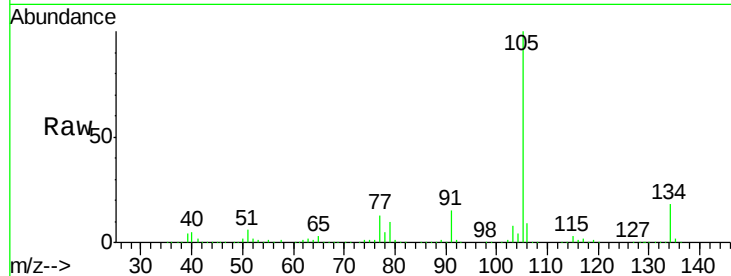
Ion Ratio Lower Upper

105 100

134 18.3 9.3 28.0

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#86

p-Isopropyltoluene

Concen: 19.673 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

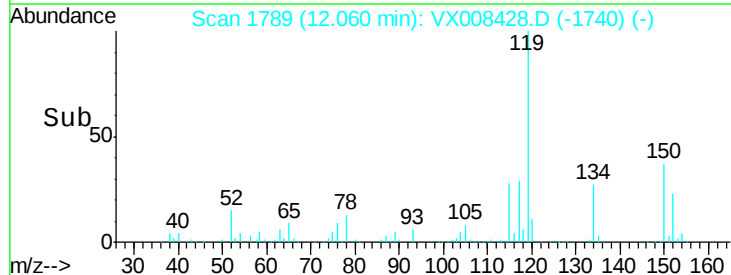
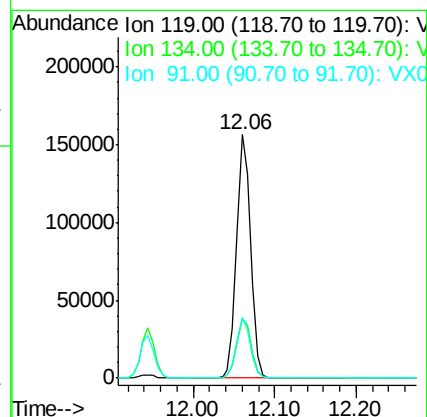
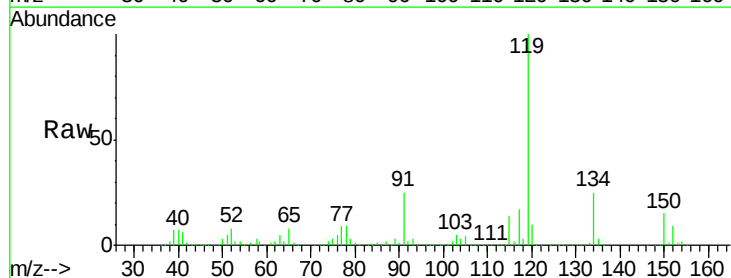
Tgt Ion:119 Resp: 183023

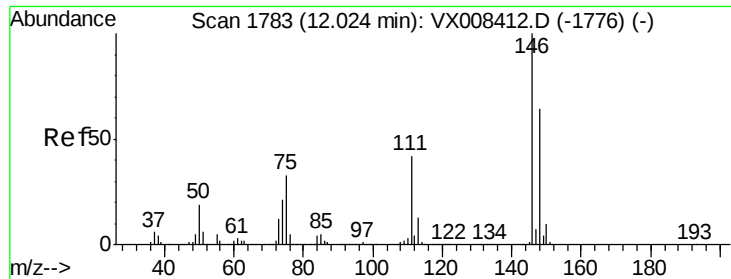
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 24.7 12.4 37.0





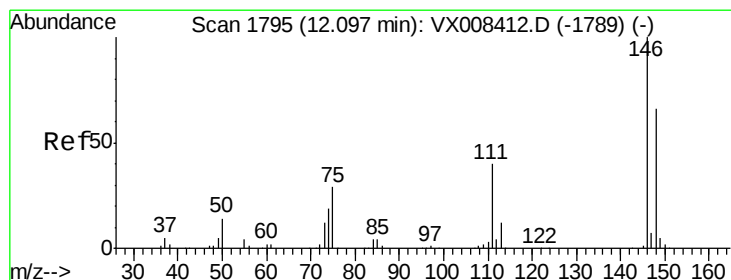
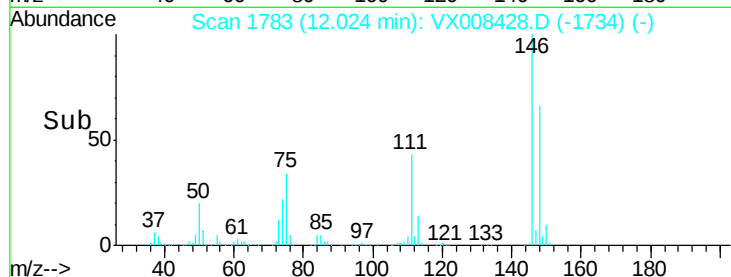
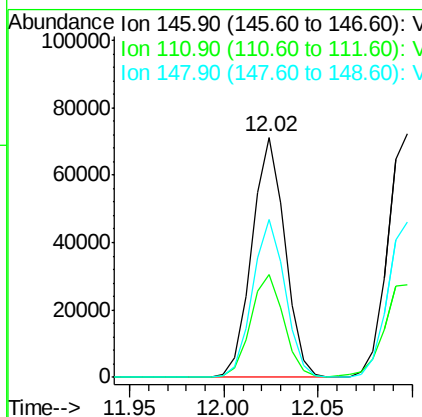
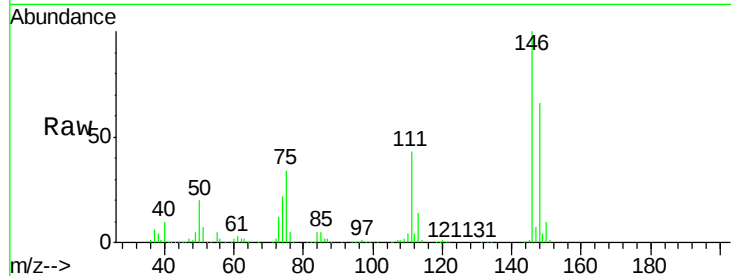
#87
 1,3-Dichlorobenzene
 Concen: 18.385 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.8	62.5
148	65.0	32.0	96.0

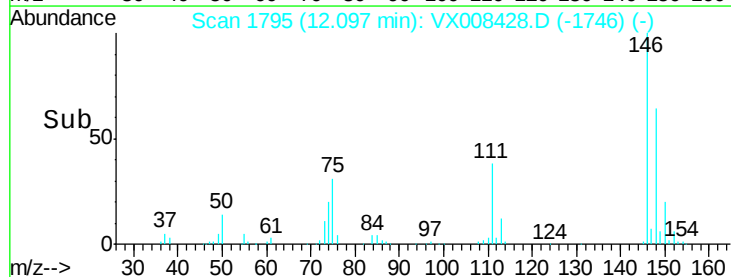
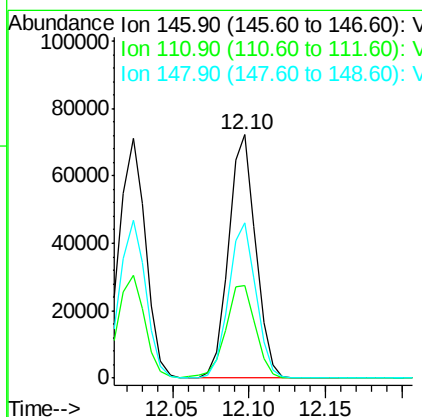
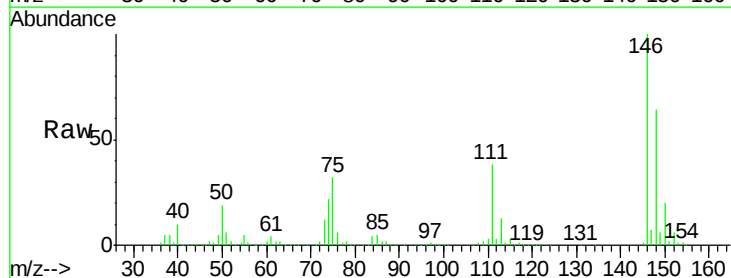
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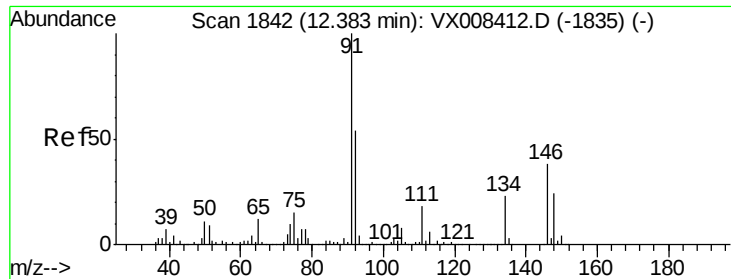
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 3/26/2019 9:47:11 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.698 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	61.0
148	64.3	32.1	96.5





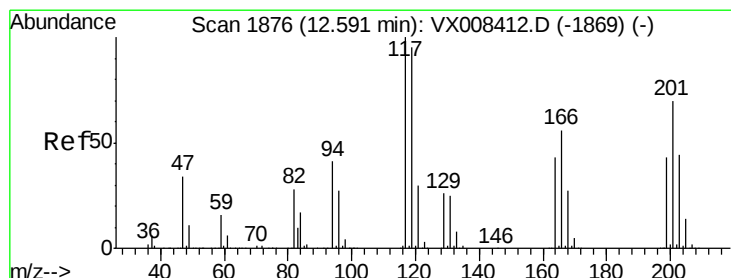
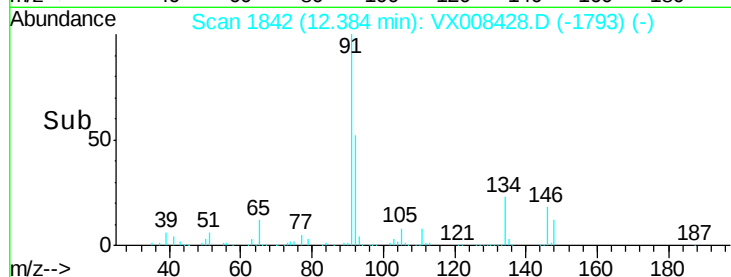
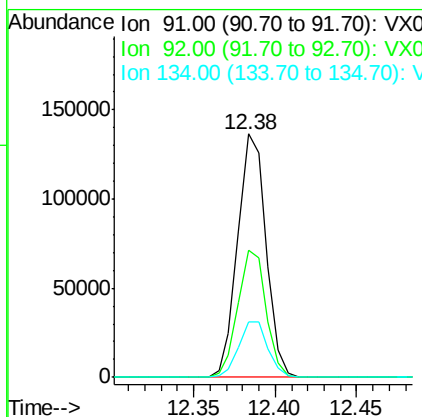
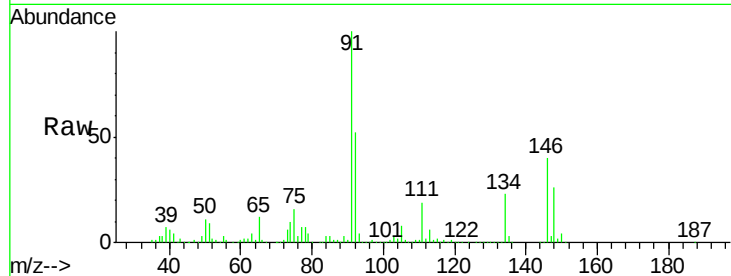
#89
n-Butylbenzene
Concen: 18.854 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.5
134	23.5	11.8	35.4

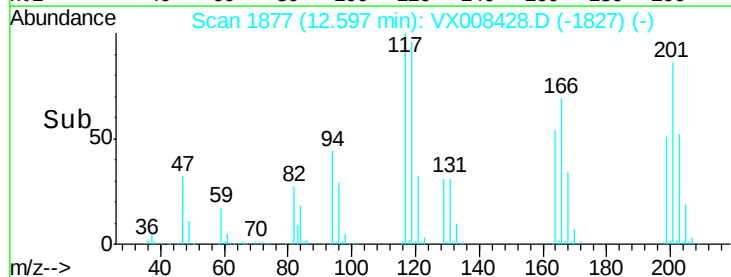
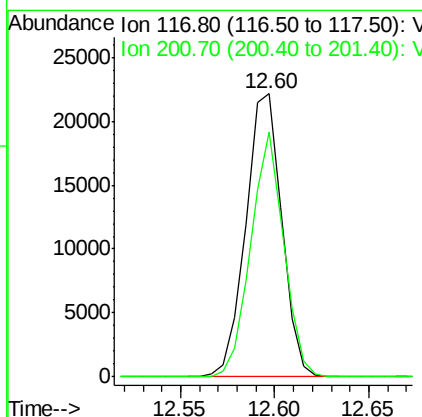
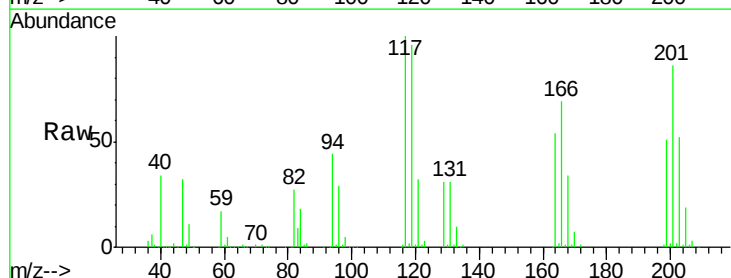
Manual Integrations
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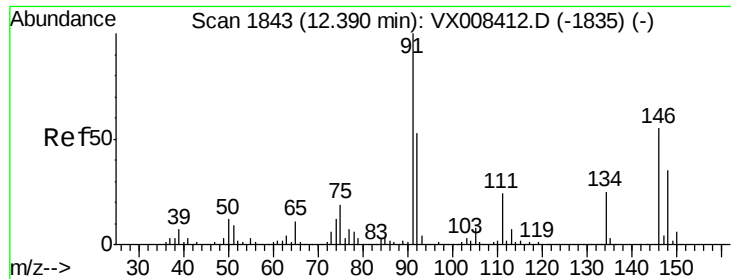
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#90
Hexachloroethane
Concen: 18.916 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.0	39.4	118.1





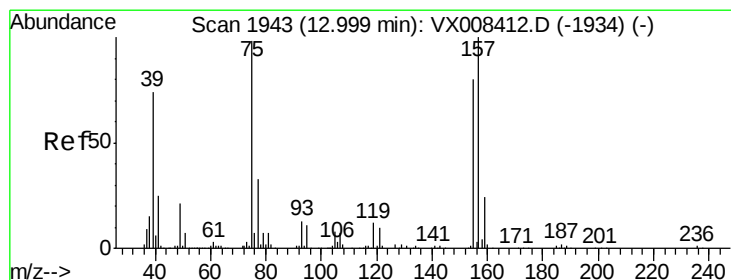
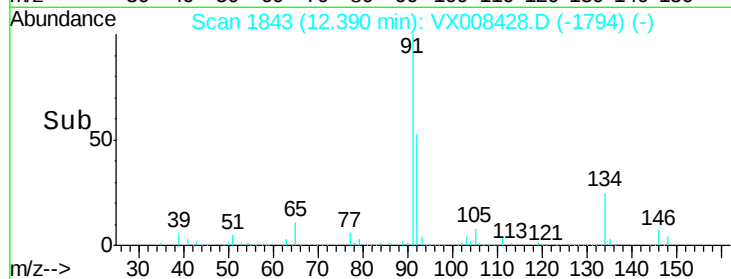
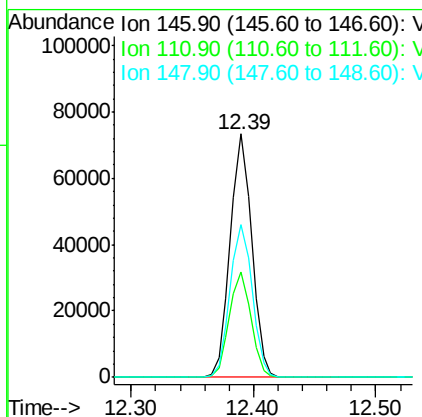
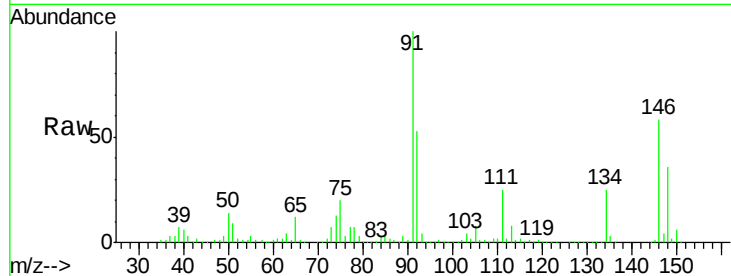
#91
 1,2-Dichlorobenzene
 Concen: 18.971 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.6	64.6
148	64.4	31.9	95.7

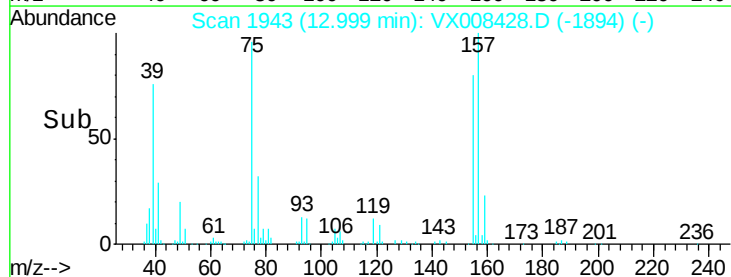
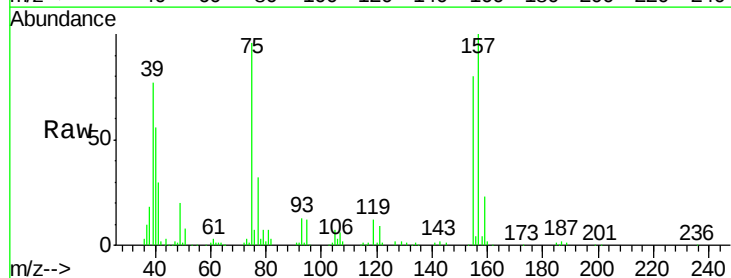
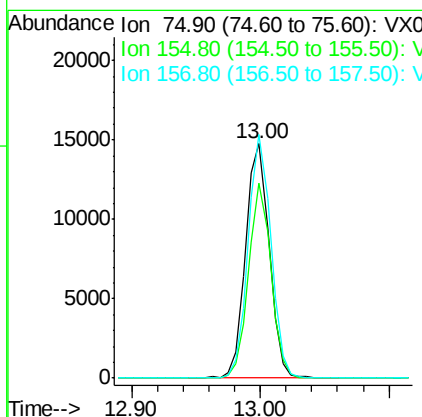
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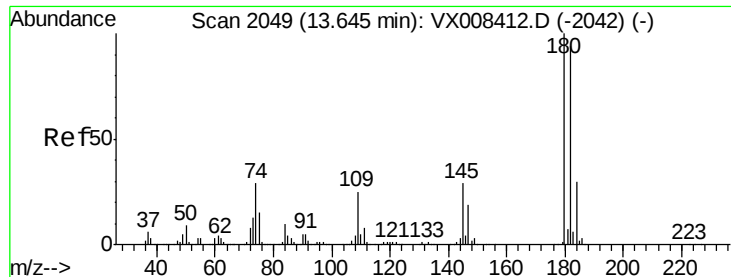
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.219 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	39.5	118.5
157	99.8	49.9	149.7





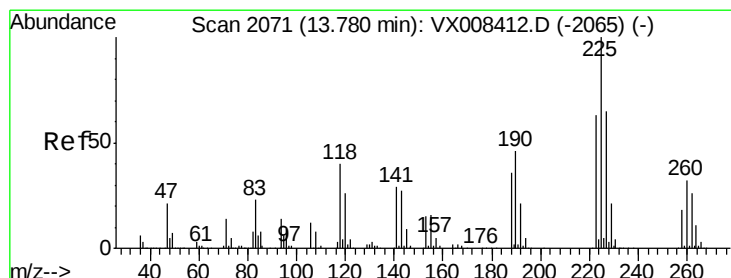
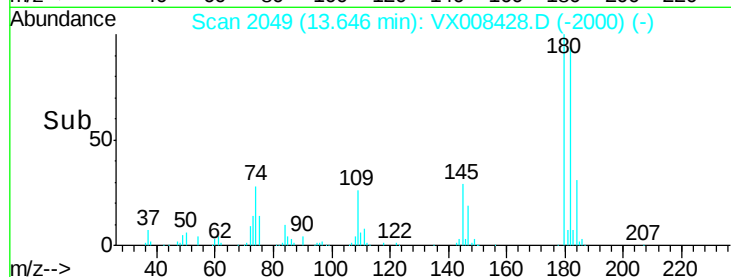
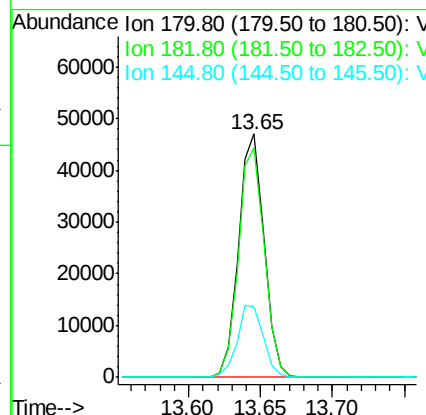
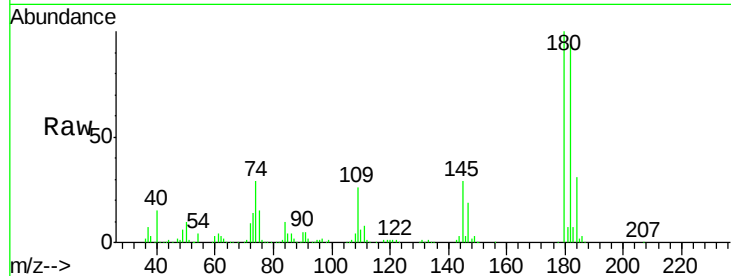
#93
 1,2,4-Trichlorobenzene
 Concen: 18.400 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58393		
182	95.6	47.3	142.0	
145	30.3	15.3	45.8	

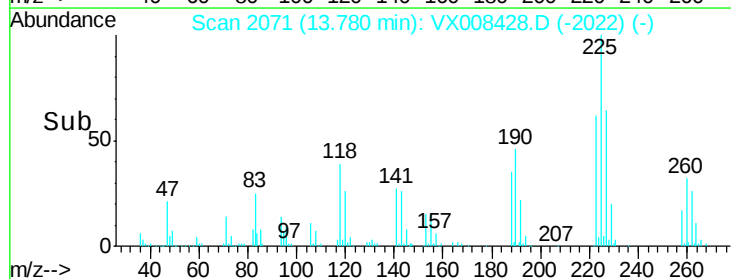
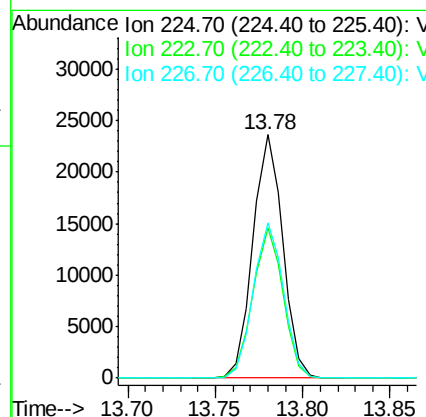
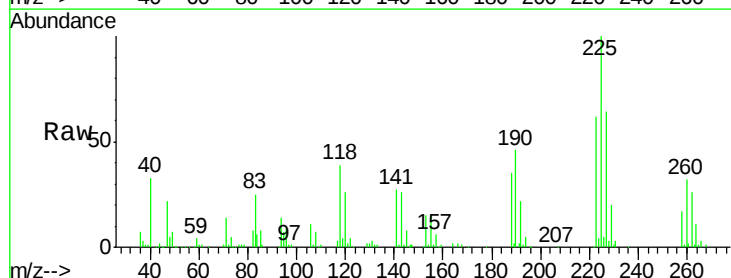
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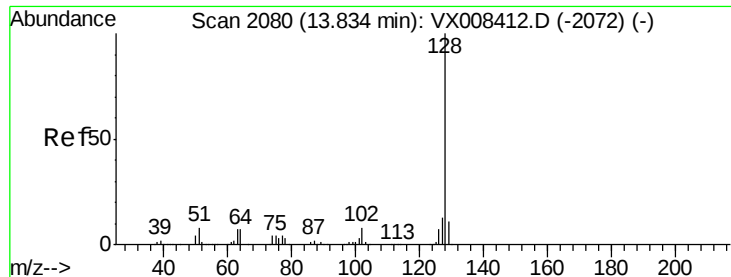
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#94
 Hexachlorobutadiene
 Concen: 18.763 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28273		
223	62.1	31.4	94.0	
227	64.5	31.9	95.9	





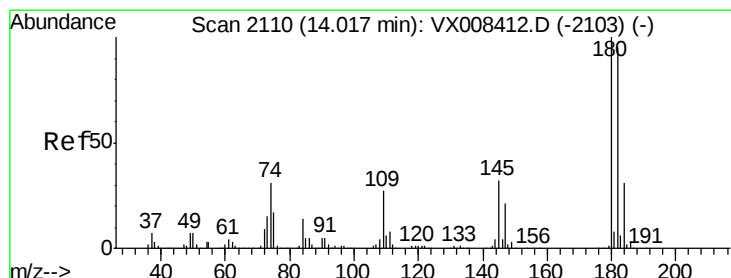
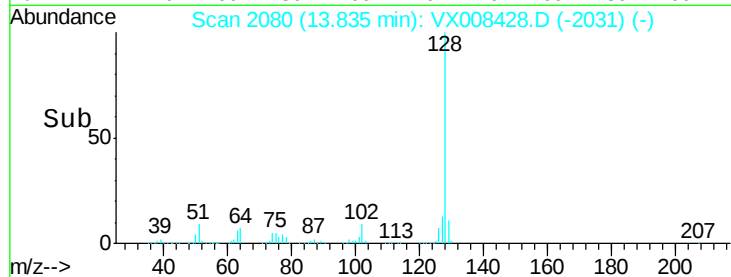
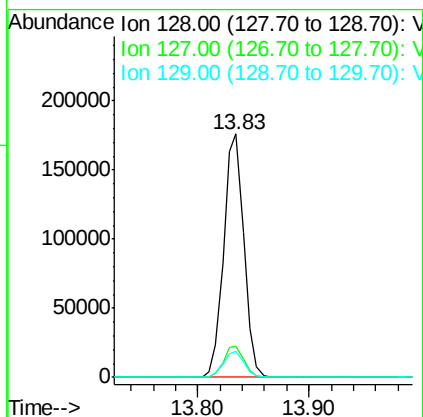
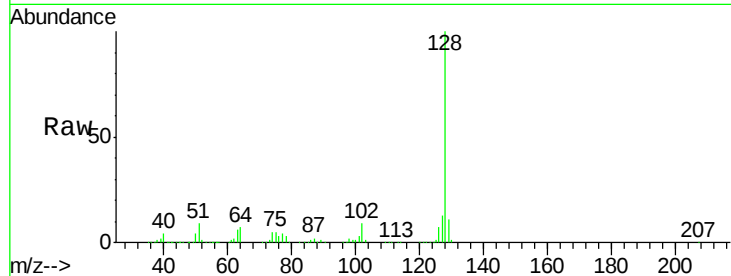
#95
Naphthalene
Concen: 20.192 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	219690		
127	12.9		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.331 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61644		
182	95.9		47.3	142.0
145	33.1		16.2	48.5

