

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091919\
 Data File : VX012541.D
 Acq On : 19 Sep 2019 20:14
 Operator : JC/SP
 Sample : K4883-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:11 AM

Quant Time: Sep 20 07:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	133393	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.48	113	99129	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	8.71	98	362290	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.14	95	145782	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	56922	45.144	ug/l	95
3) Chloromethane	1.32	50	52054	50.057	ug/l	99
4) Vinyl Chloride	1.40	62	57055	50.763	ug/l	99
5) Bromomethane	1.62	94	21400	48.463	ug/l	98
6) Chloroethane	1.71	64	39961	45.434	ug/l	96
7) Trichlorofluoromethane	1.92	101	102725	49.858	ug/l	95
8) Diethyl Ether	2.18	74	45801	49.216	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72570	48.681	ug/l	97
10) Methyl Iodide	2.50	142	61088	47.952	ug/l	97
11) Tert butyl alcohol	3.04	59	156377	226.925	ug/l	100
12) 1,1-Dichloroethene	2.36	96	59053	49.657	ug/l	98
13) Acrolein	2.28	56	59801	251.225	ug/l	99
14) Allyl chloride	2.72	41	135988	49.117	ug/l	99
15) Acrylonitrile	3.13	53	297136	252.936	ug/l	99
16) Acetone	2.43	43	281587	226.582	ug/l	99
17) Carbon Disulfide	2.56	76	73571	43.971	ug/l	98
18) Methyl Acetate	2.76	43	135392	47.928	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	326287	50.322	ug/l	98
20) Methylene Chloride	2.84	84	79279	48.322	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	62628	50.715	ug/l	97
22) Diisopropyl ether	3.84	45	326381	50.347	ug/l	96
23) Vinyl Acetate	3.80	43	1308675	245.410	ug/l	100
24) 1,1-Dichloroethane	3.69	63	157783	50.870	ug/l	97
25) 2-Butanone	4.66	43	437907	232.871	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119502	39.176	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	93678	50.781	ug/l	97
28) Bromochloromethane	5.00	49	78100	48.842	ug/l	99
29) Tetrahydrofuran	5.11	42	265823	255.883	ug/l	100
30) Chloroform	5.20	83	173026	48.573	ug/l	99
31) Cyclohexane	5.57	56	92987	49.663	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	146933	49.352	ug/l	100
36) 1,1-Dichloropropene	5.79	75	96015	49.846	ug/l	98
37) Ethyl Acetate	4.82	43	151450	51.222	ug/l	99
38) Carbon Tetrachloride	5.78	117	117740	49.146	ug/l	99

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92545	49.422	ug/l	99
40) Benzene	6.13	78	312799	51.067	ug/l	99
41) Methacrylonitrile	5.03	41	92900	48.796	ug/l	98
42) 1,2-Dichloroethane	6.18	62	140239	49.362	ug/l	100
43) Isopropyl Acetate	6.44	43	266046	50.133	ug/l	99
44) Trichloroethene	7.21	130	83717	51.957	ug/l	99
45) 1,2-Dichloropropane	7.51	63	95130	50.551	ug/l	100
46) Dibromomethane	7.65	93	61285	50.325	ug/l	100
47) Bromodichloromethane	7.89	83	137031	50.536	ug/l	99
48) Methyl methacrylate	7.76	41	128863	51.512	ug/l	99
49) 1,4-Dioxane	7.73	88	53468	878.190	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	889787	255.673	ug/l	99
52) Toluene	8.78	92	202897	51.406	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142841	50.678	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	147651	50.599	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	102597	50.454	ug/l	99
56) Ethyl methacrylate	9.17	69	167062	52.547	ug/l	99
57) 1,3-Dichloropropane	9.37	76	165911	51.137	ug/l	99
59) 2-Hexanone	9.49	43	679402	250.229	ug/l	98
60) Dibromochloromethane	9.58	129	109457	52.845	ug/l	100
61) 1,2-Dibromoethane	9.67	107	96666	52.050	ug/l	99
64) Tetrachloroethene	9.33	164	74925	57.178	ug/l	95
65) Chlorobenzene	10.14	112	236658	50.142	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	102429	52.291	ug/l	100
67) Ethyl Benzene	10.25	91	419005	51.673	ug/l	100
68) m/p-Xylenes	10.36	106	303076	102.724	ug/l	99
69) o-Xylene	10.70	106	158631	52.281	ug/l	99
70) Styrene	10.71	104	280182	52.190	ug/l	99
71) Bromoform	10.85	173	78911	46.972	ug/l #	100
73) Isopropylbenzene	11.01	105	438615	51.777	ug/l	100
74) N-amyl acetate	10.89	43	233650	51.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	169935	51.138	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	139840m	45.090	ug/l	
77) Bromobenzene	11.25	156	106261	51.434	ug/l	99
78) n-propylbenzene	11.35	91	483996	51.262	ug/l	99
79) 2-Chlorotoluene	11.42	91	306425	49.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	373660	51.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51292	45.689	ug/l	99
82) 4-Chlorotoluene	11.51	91	359616	51.013	ug/l	99
83) tert-Butylbenzene	11.77	119	385721	49.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	386807	52.144	ug/l	99
85) sec-Butylbenzene	11.94	105	429485	50.347	ug/l	99
86) p-Isopropyltoluene	12.06	119	394287	50.335	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199607	51.362	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	201500	50.475	ug/l	99
89) n-Butylbenzene	12.39	91	329516	47.147	ug/l	99
90) Hexachloroethane	12.59	117	72706	50.621	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	205048	50.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46642	54.139	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	132055	50.473	ug/l	99

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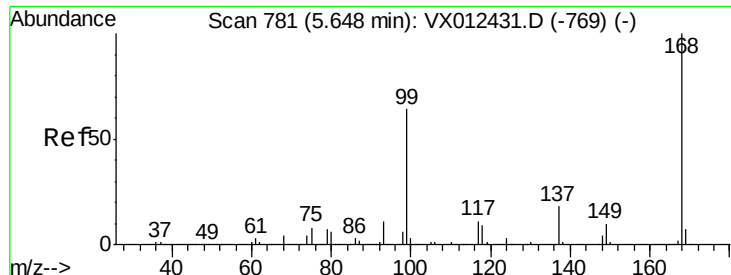
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52065	42.222	ug/l	99
95) Naphthalene	13.83	128	500429	53.755	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136895	51.346	ug/l	100

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



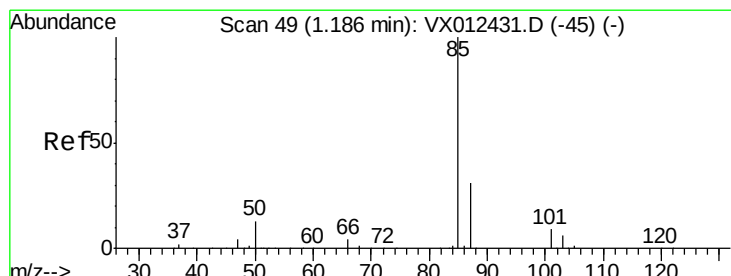
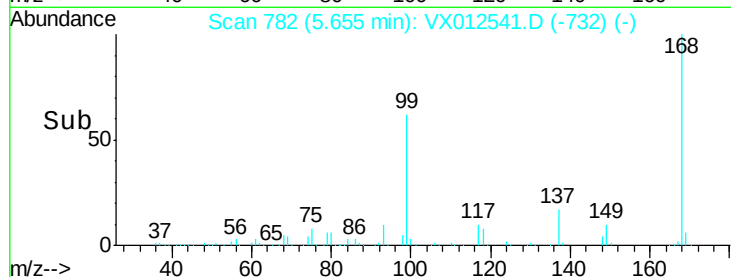
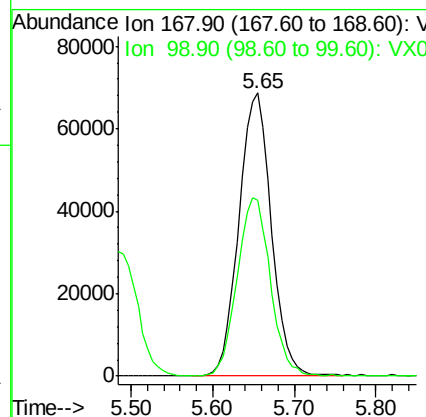
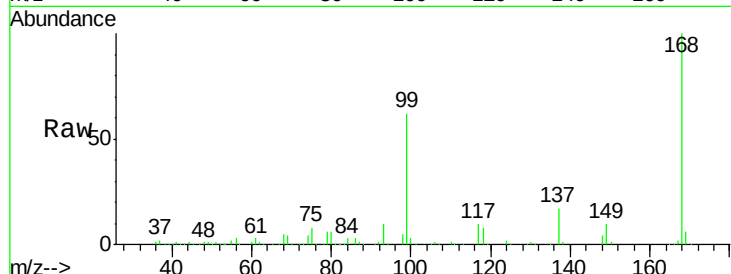
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	189152		
99	61.8	51.4	77.2	

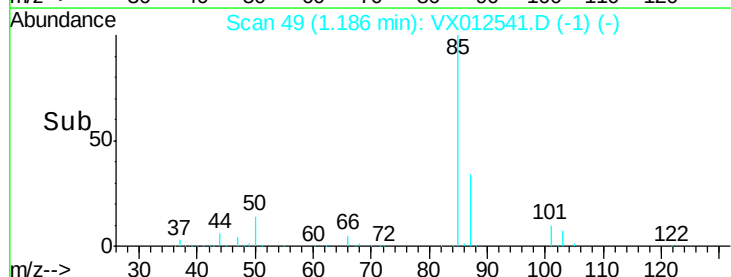
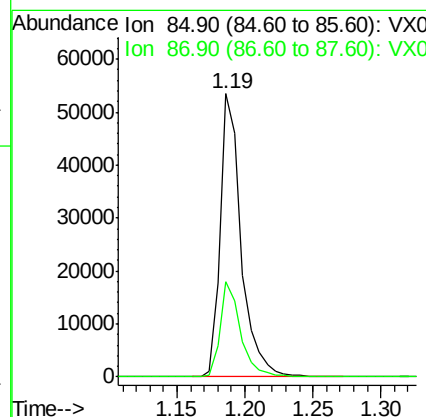
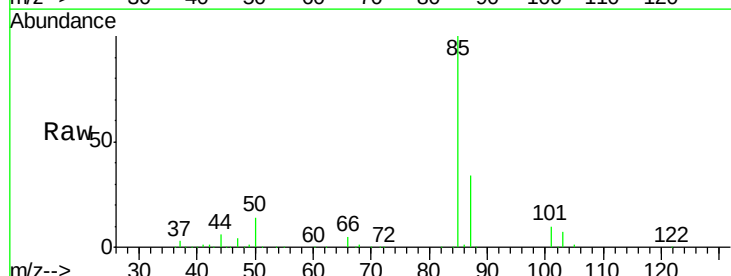
Manual Integrations
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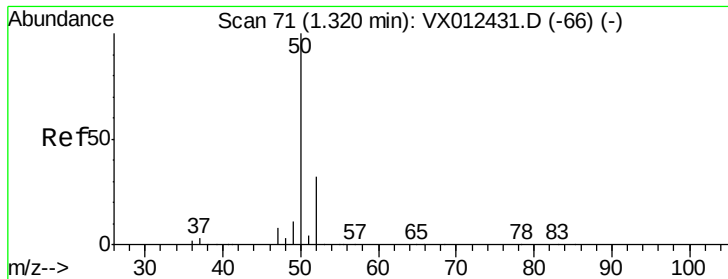
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#2
Dichlorodifluoromethane
Concen: 45.144 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	56922		
87	33.8	15.6	46.8	





#3

Chloromethane

Concen: 50.057 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion: 50 Resp: 52054

Ion Ratio Lower Upper

50 100

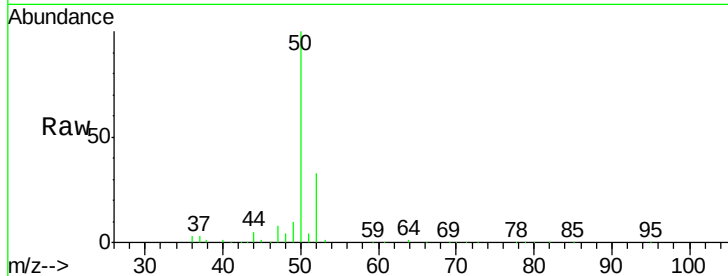
52 32.6 25.7 38.5

Manual Integrations

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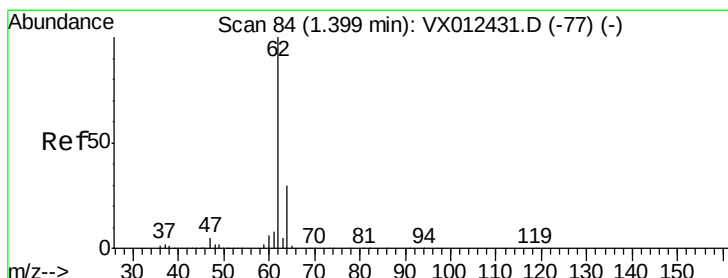
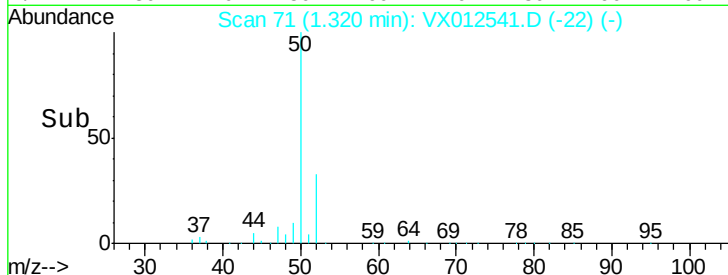
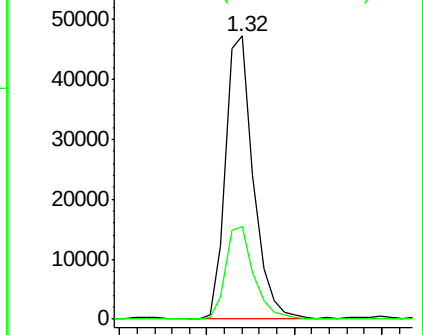
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.763 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012541.D

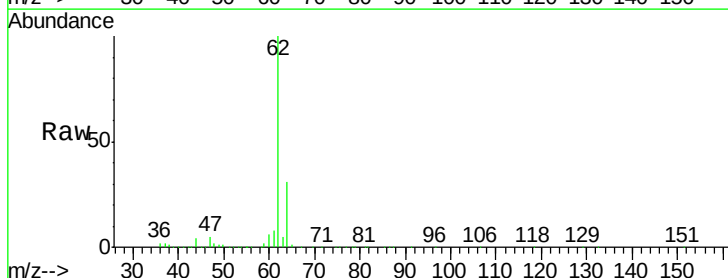
Acq: 19 Sep 2019 20:14

Tgt Ion: 62 Resp: 57055

Ion Ratio Lower Upper

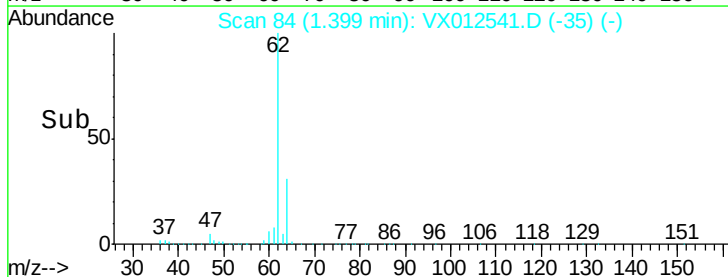
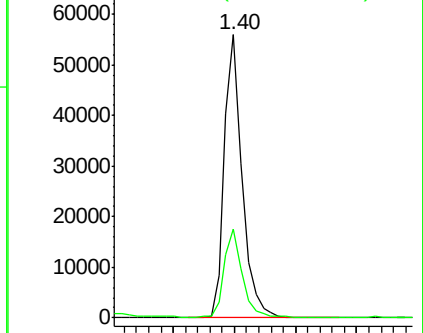
62 100

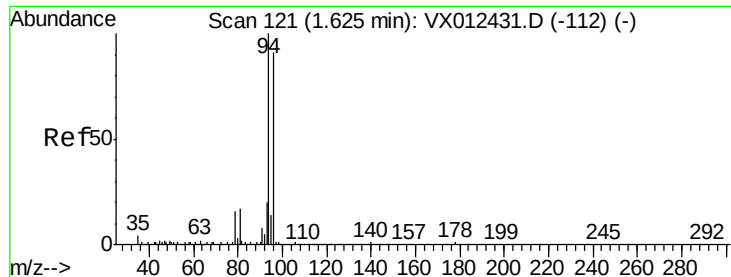
64 30.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.463 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion: 94 Resp: 21400

Ion Ratio Lower Upper

94 100

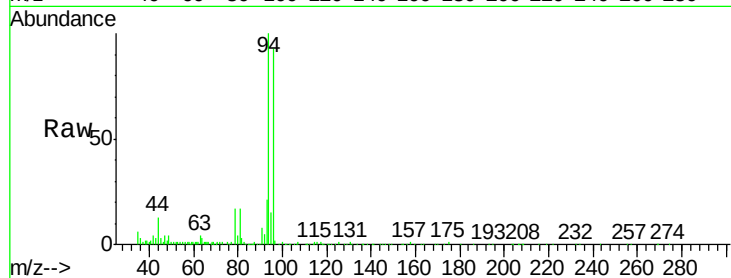
96 92.9 72.8 109.2

Manual Integrations

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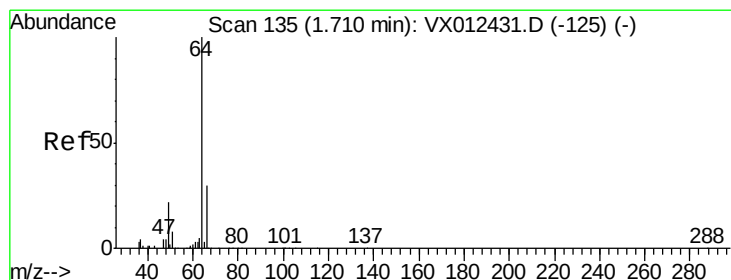
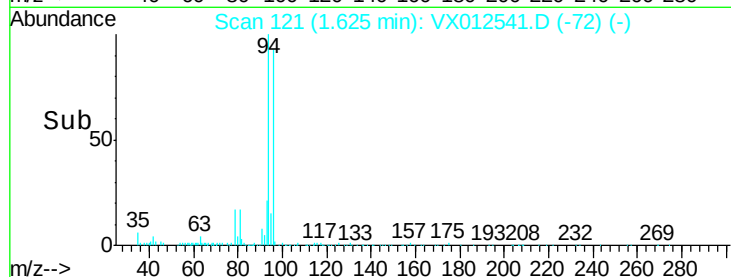
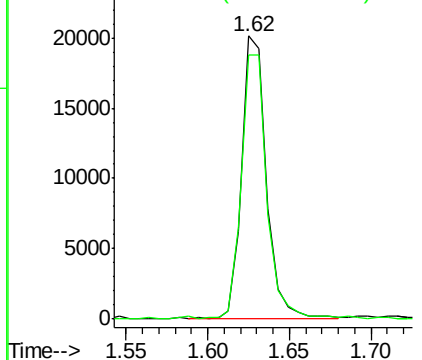
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.434 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012541.D

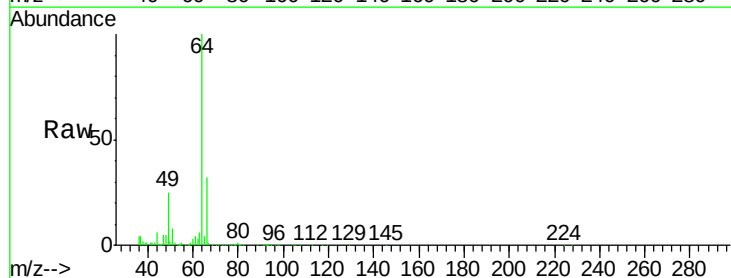
Acq: 19 Sep 2019 20:14

Tgt Ion: 64 Resp: 39961

Ion Ratio Lower Upper

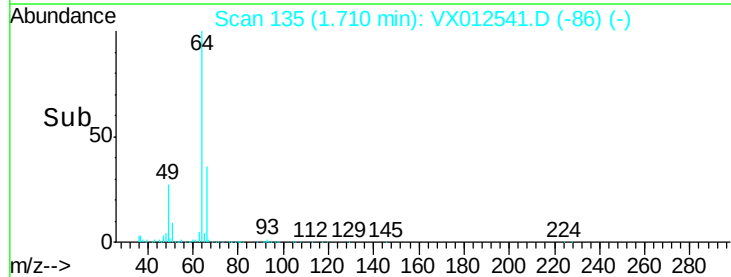
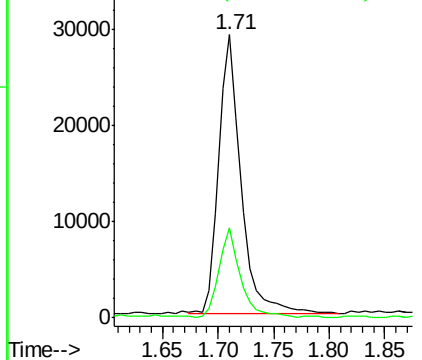
64 100

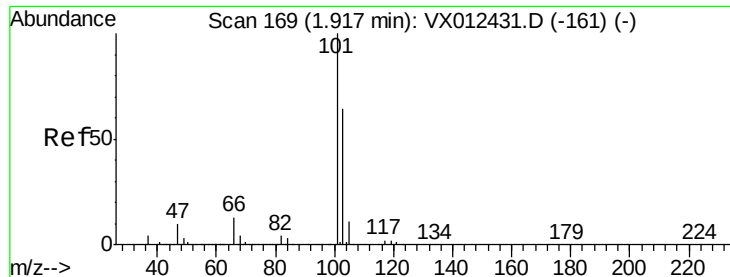
66 32.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

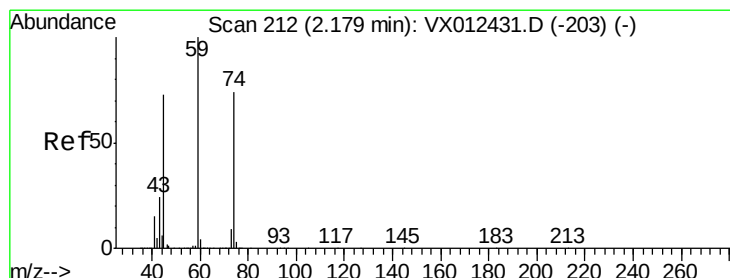
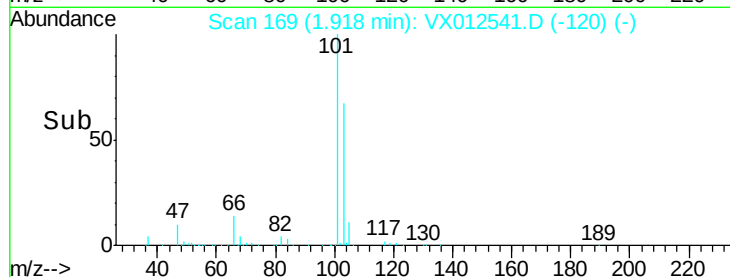
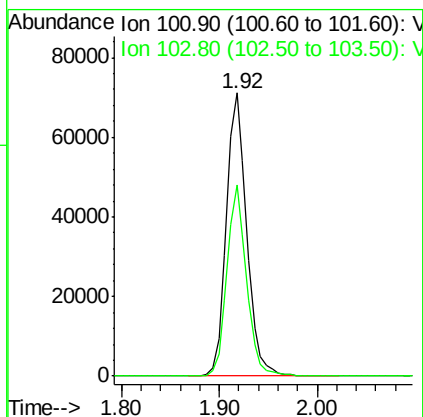
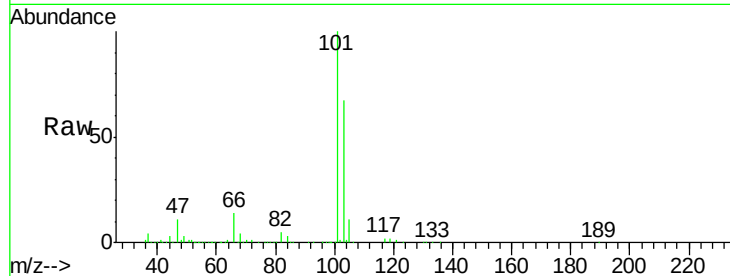
Trichlorofluoromethane
Concen: 49.858 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	102725		
103	67.3	51.0	76.4	

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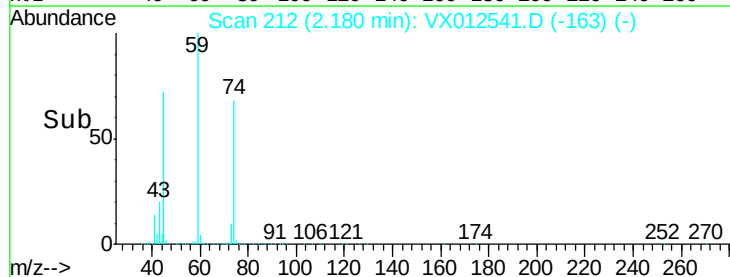
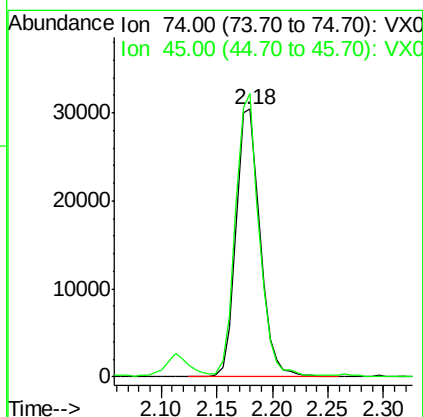
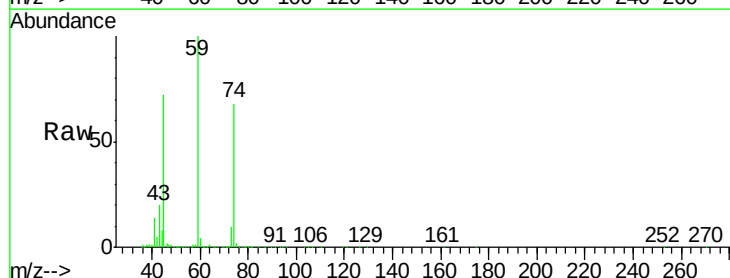
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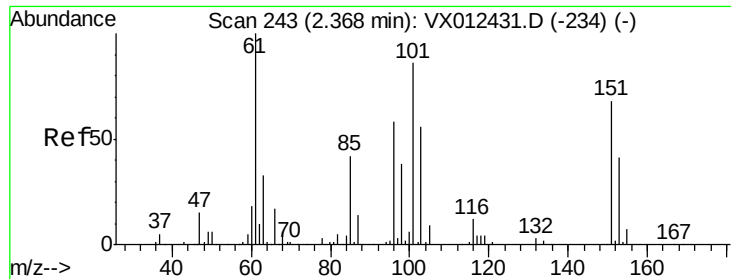


#8

Diethyl Ether
Concen: 49.216 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45801		
45	102.2	49.9	149.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.681 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

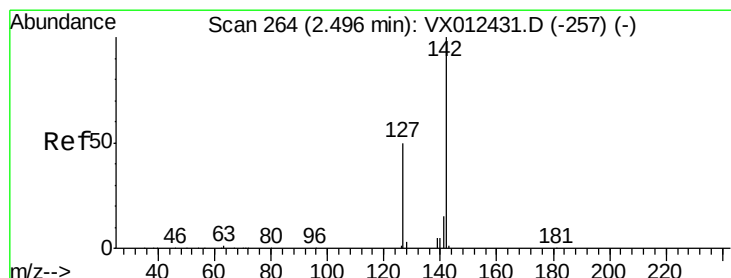
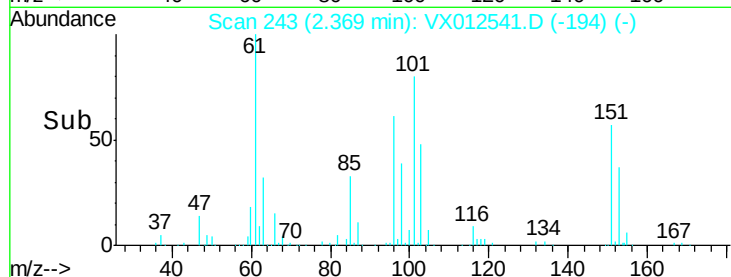
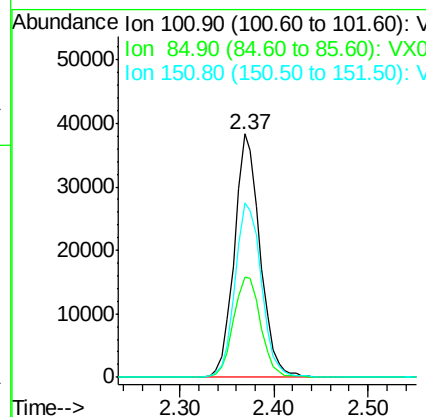
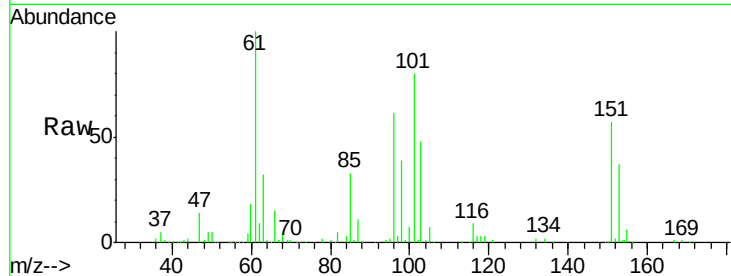
ClientSampleId :

MW2-R2-1MS

Tot Ion:	101	Resp:	72570
Ion Ratio	Lower	Upper	
101	100		
85	43.9	37.3	55.9
151	73.8	61.0	91.4

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#10

Methyl Iodide

Concen: 47.952 ug/l

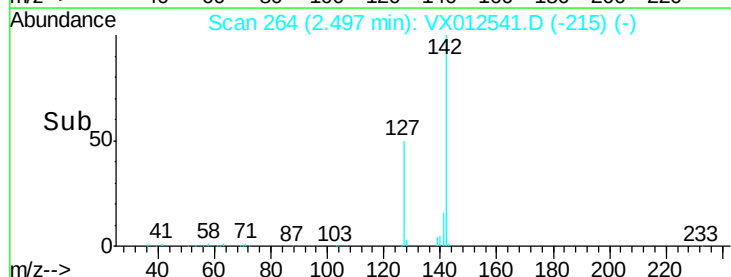
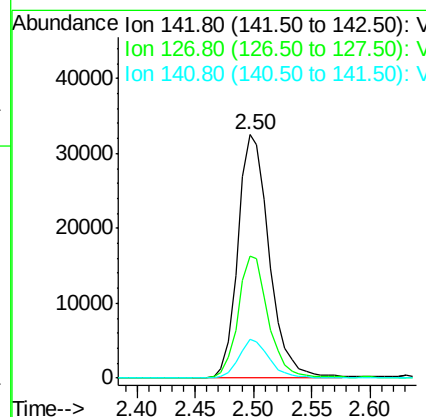
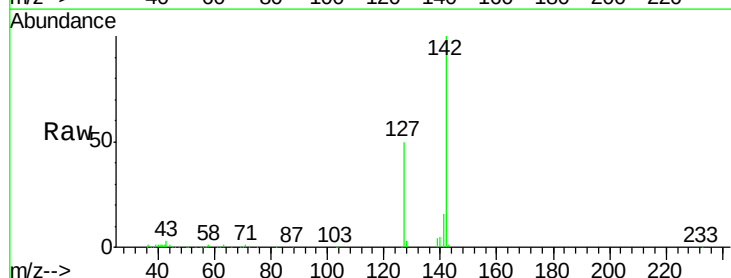
RT: 2.50 min Scan# 264

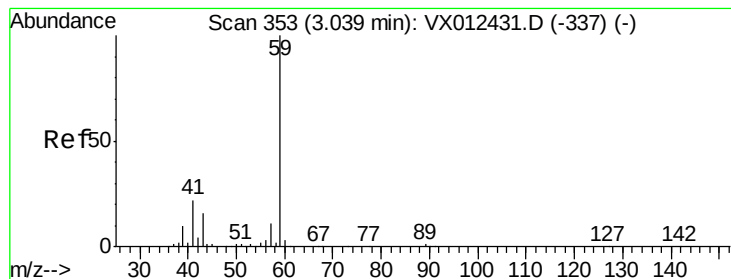
Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion:	142	Resp:	61088
Ion Ratio	Lower	Upper	
142	100		
127	48.3	40.8	61.2
141	15.4	12.1	18.1





#11

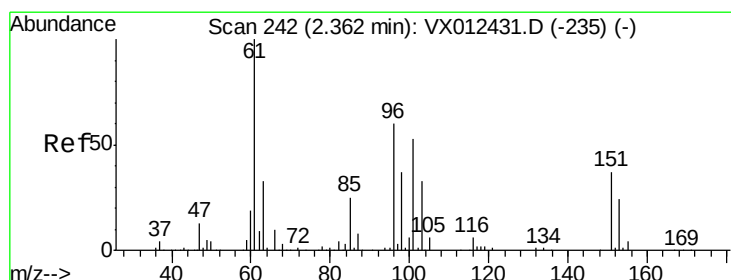
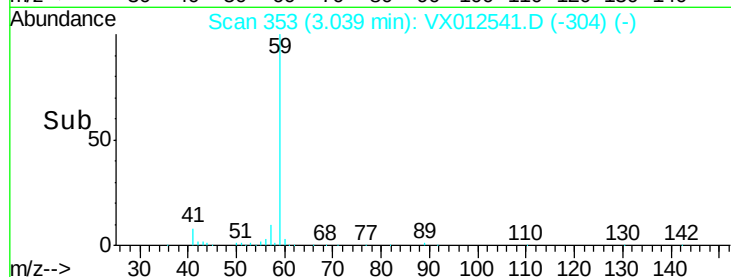
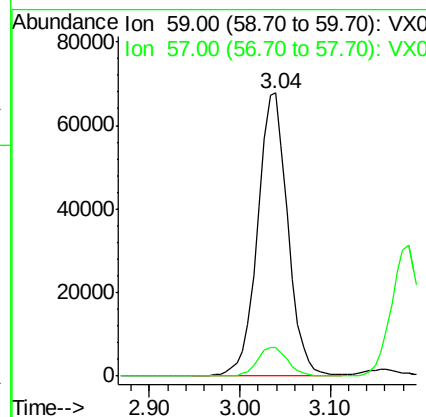
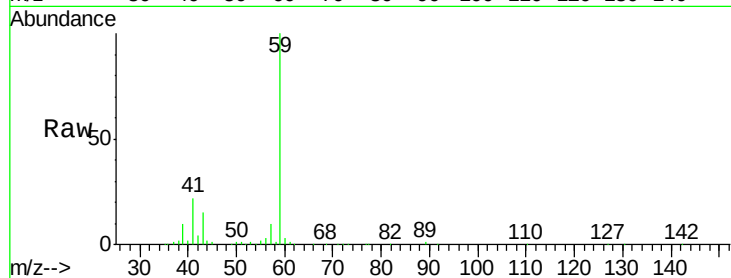
Tert butyl alcohol
Concen: 226.925 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

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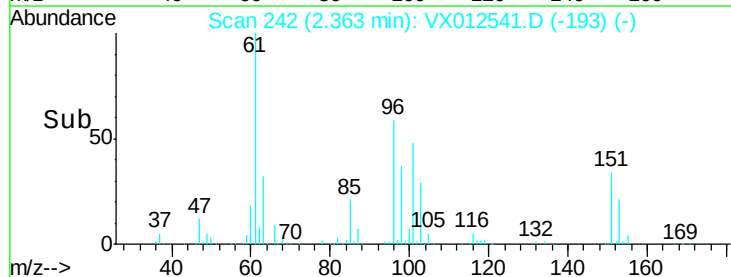
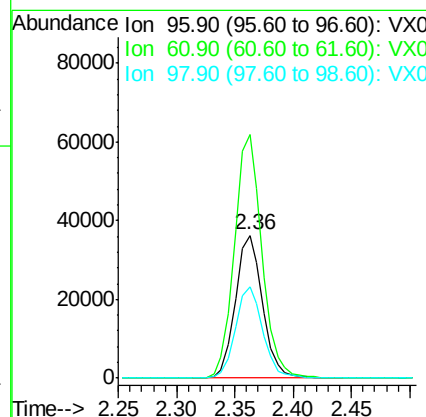
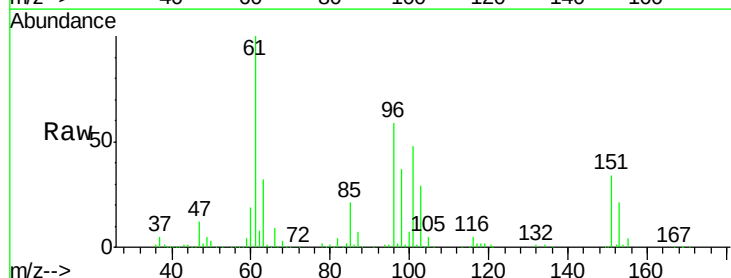
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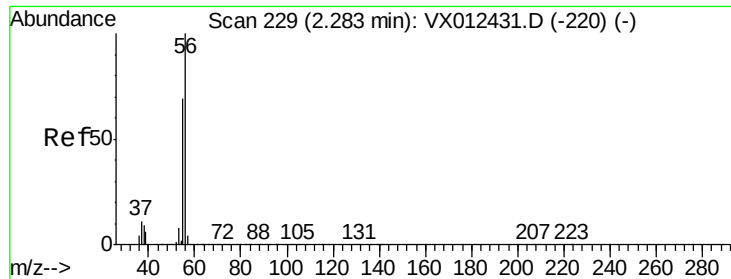


#12

1,1-Dichloroethene
Concen: 49.657 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.2	133.8	200.6
98	63.9	49.9	74.9





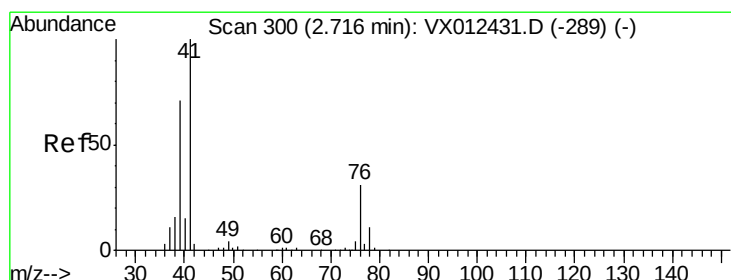
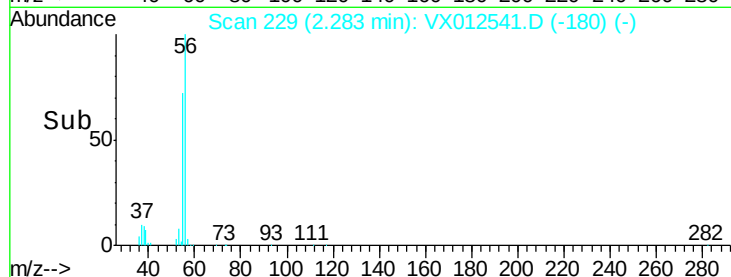
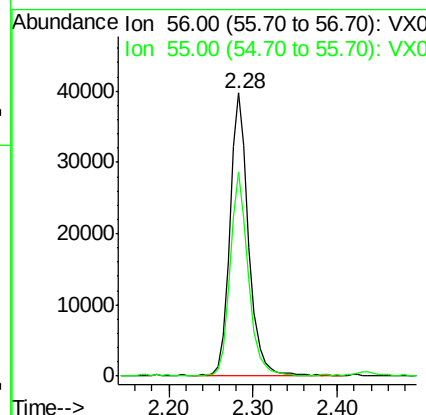
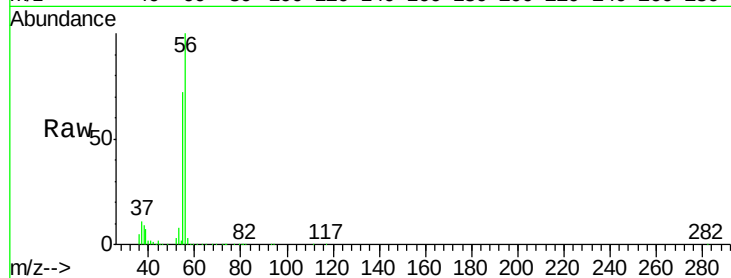
#13
Acrolein
Concen: 251.225 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.5	55.8	83.8

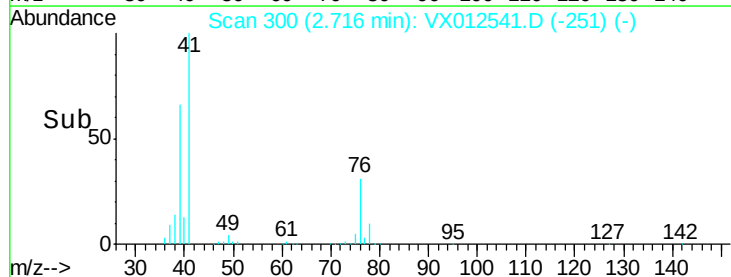
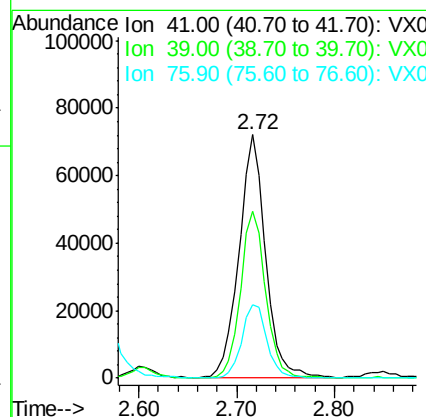
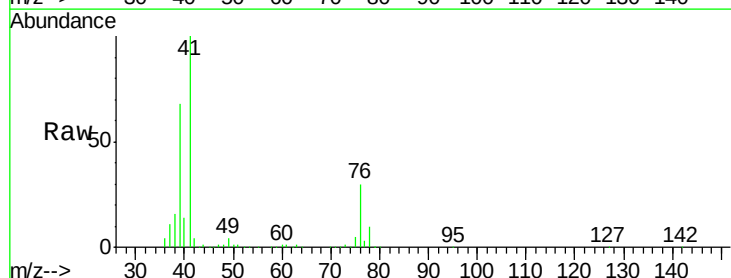
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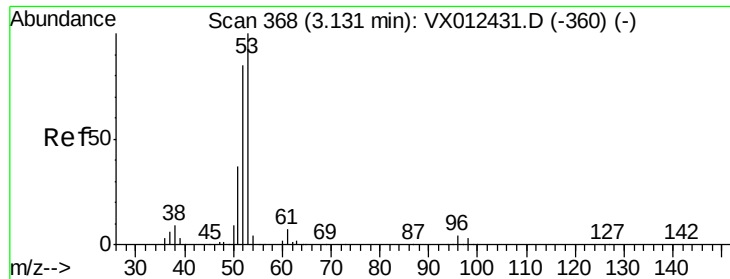
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#14
Allyl chloride
Concen: 49.117 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.4	51.3	76.9
76	28.7	22.6	33.8





#15

Acrylonitrile

Concen: 252.936 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

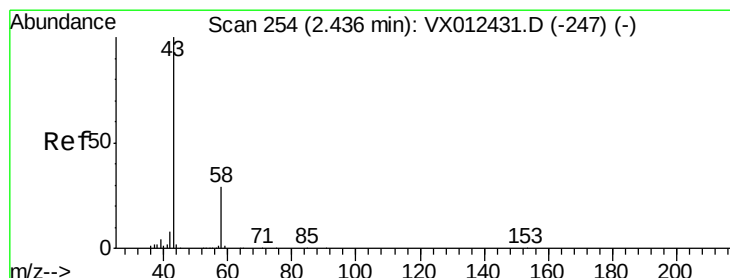
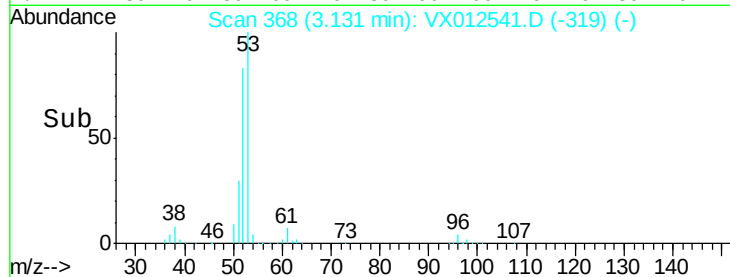
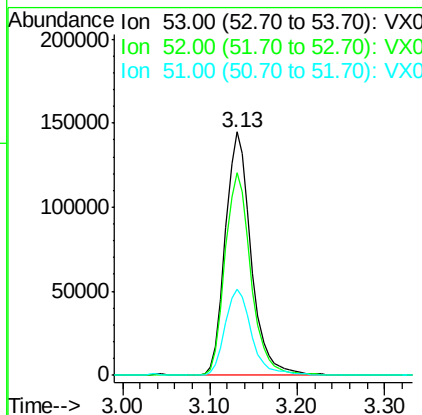
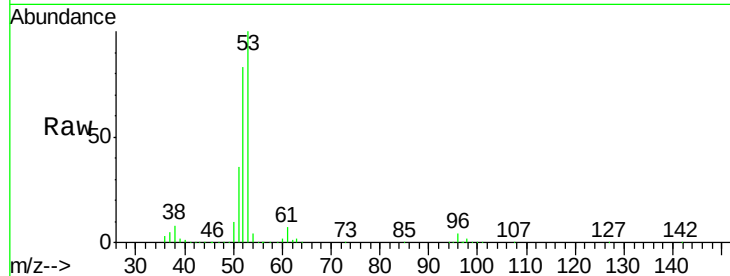
ClientSampleId :

MW2-R2-1MS

Tot Ion:	53	Resp:	297136
Ion Ratio	Lower	Upper	
53	100		
52	83.3	67.0	100.4
51	36.5	29.6	44.4

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#16

Acetone

Concen: 226.582 ug/l

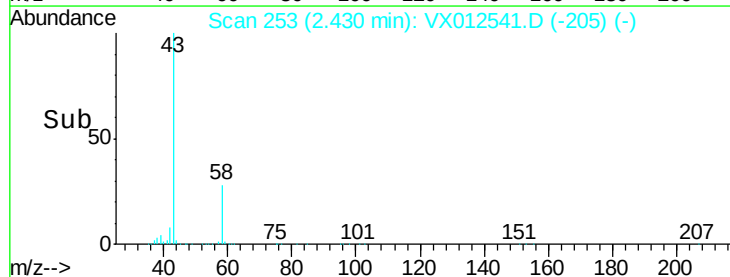
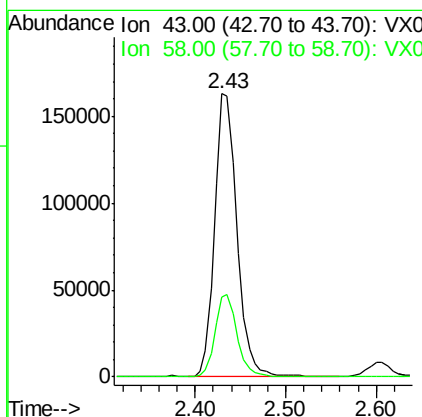
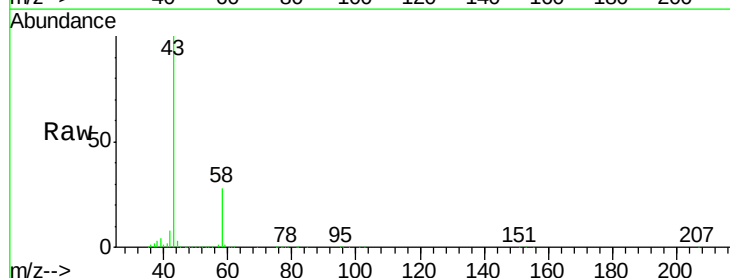
RT: 2.43 min Scan# 253

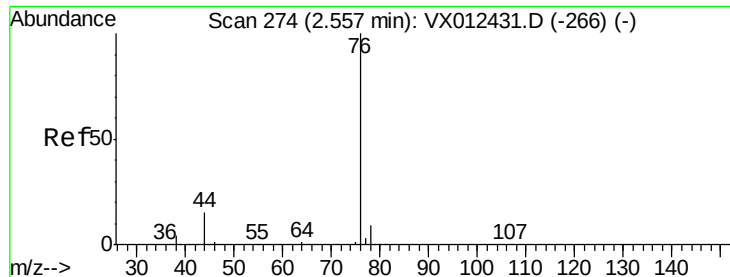
Delta R.T. -0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion:	43	Resp:	281587
Ion Ratio	Lower	Upper	
43	100		
58	28.3	23.3	34.9





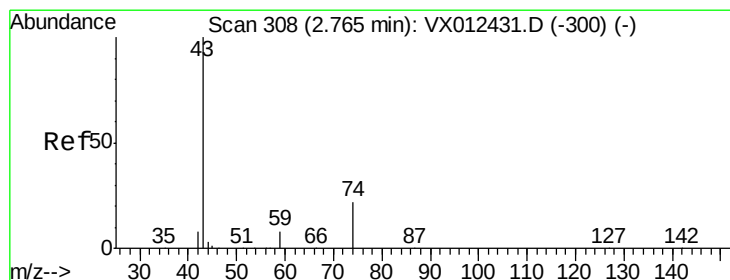
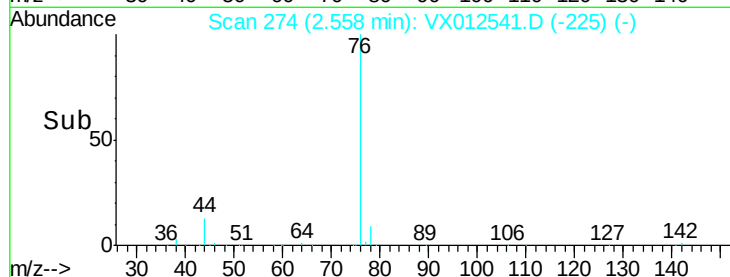
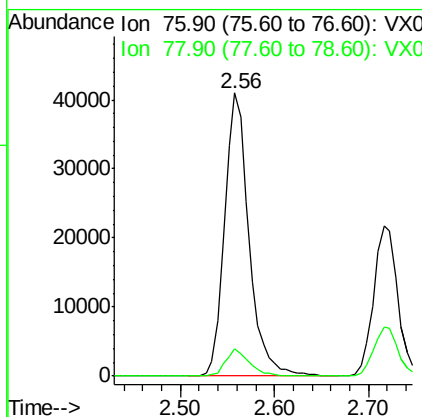
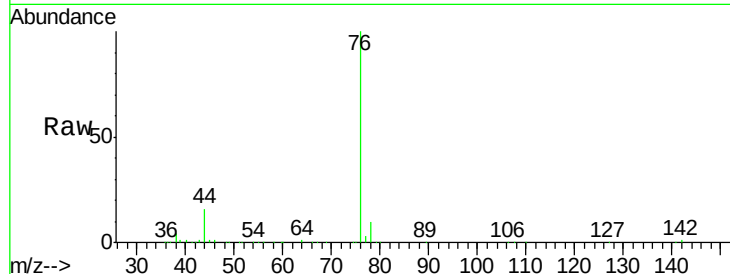
#17
Carbon Disulfide
Concen: 43.971 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

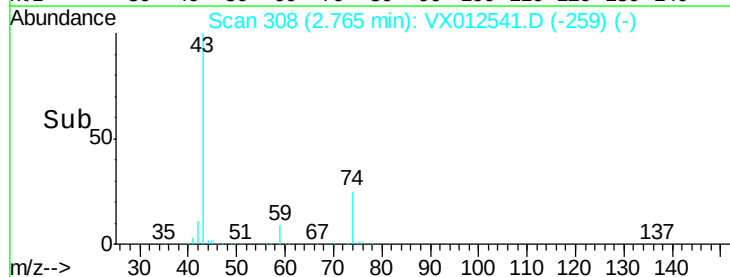
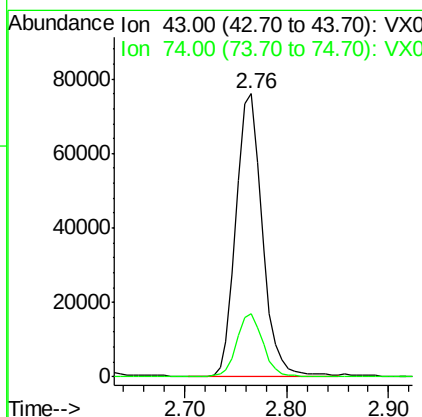
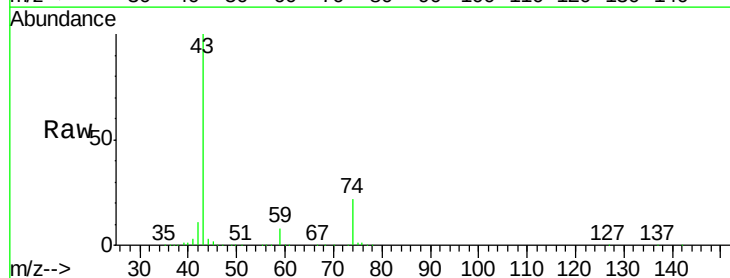
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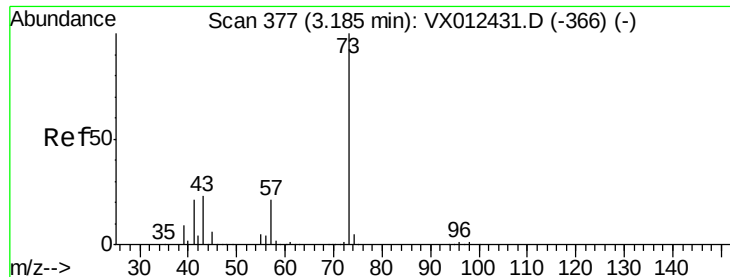
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#18
Methyl Acetate
Concen: 47.928 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.7	26.5





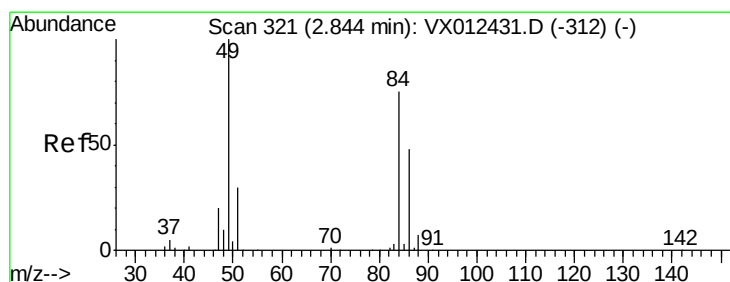
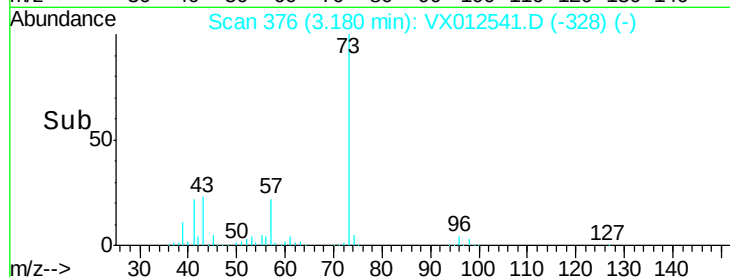
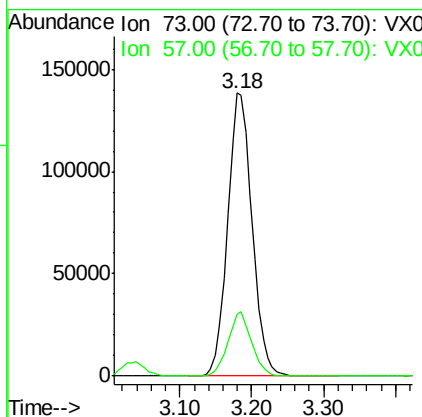
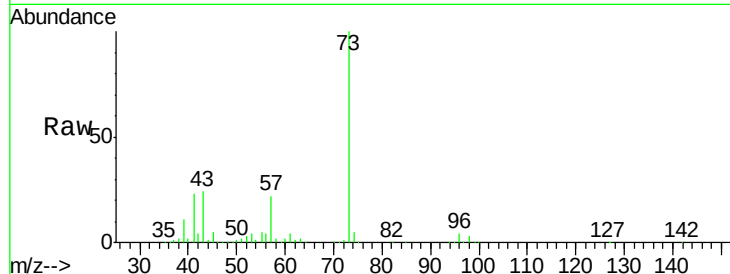
#19
Methyl tert-butyl Ether
Concen: 50.322 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	73	Resp	326287
Ion Ratio	100	Lower	Upper
73	100		
57	21.8	16.8	25.2

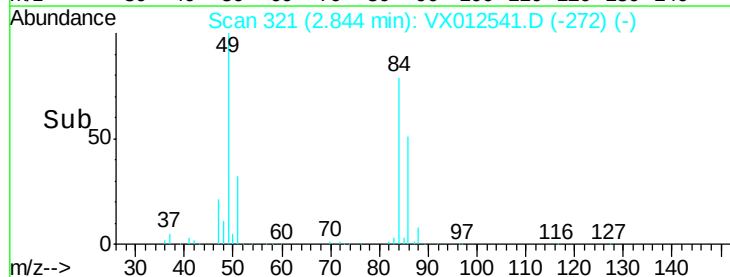
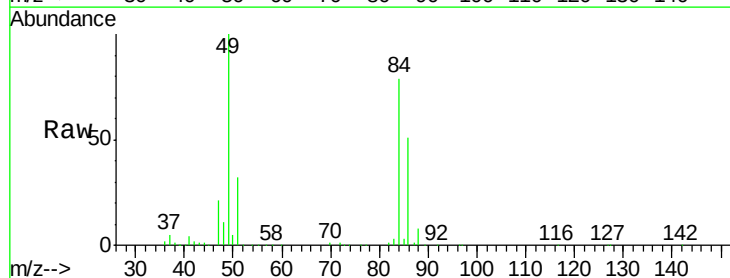
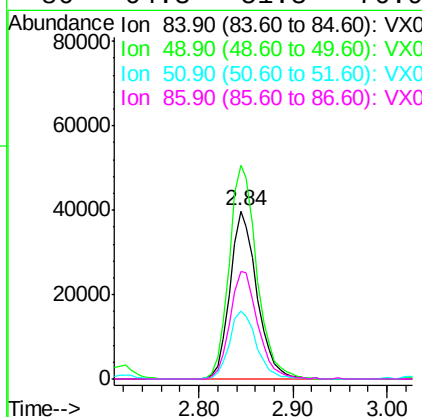
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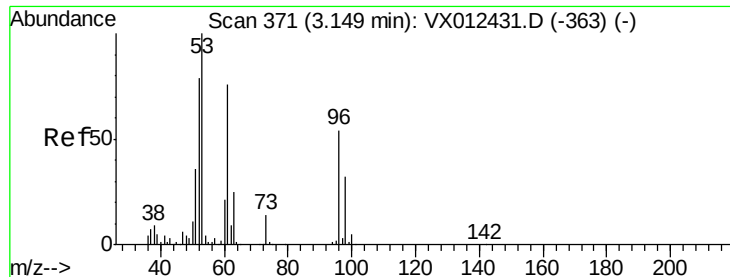
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#20
Methylene Chloride
Concen: 48.322 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	84	Resp	79279
Ion Ratio	100	Lower	Upper
84	100		
49	126.9	106.8	160.2
51	40.3	32.3	48.5
86	64.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 50.715 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion: 96 Resp: 62628

Ion Ratio Lower Upper

96 100

61 142.1 112.0 168.0

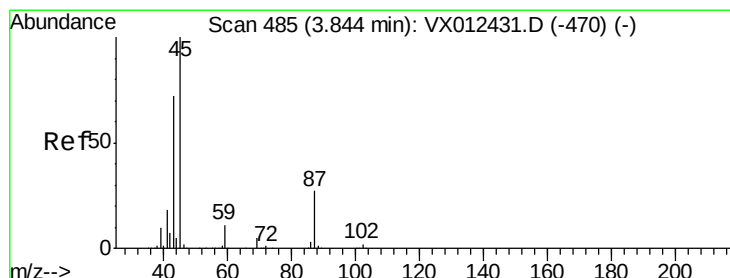
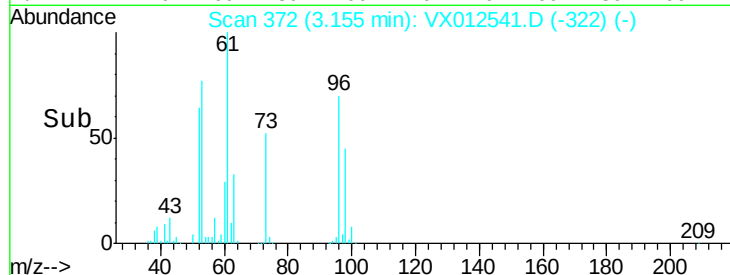
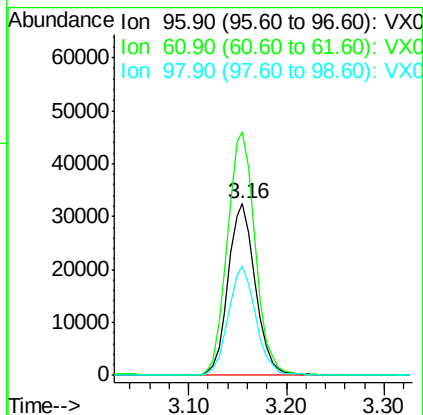
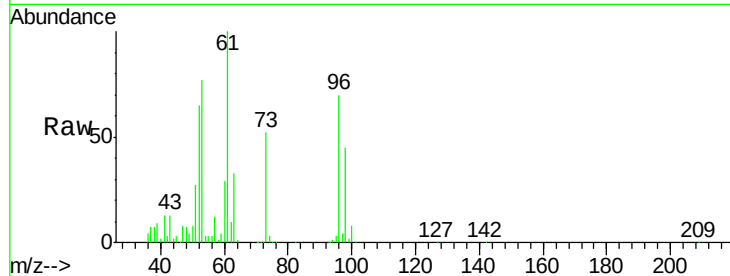
98 63.7 47.8 71.8

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#22

Diisopropyl ether

Concen: 50.347 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion: 45 Resp: 326381

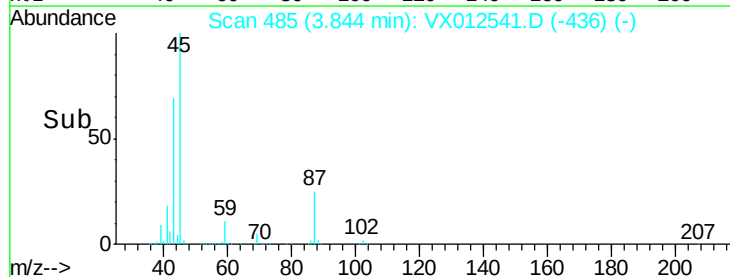
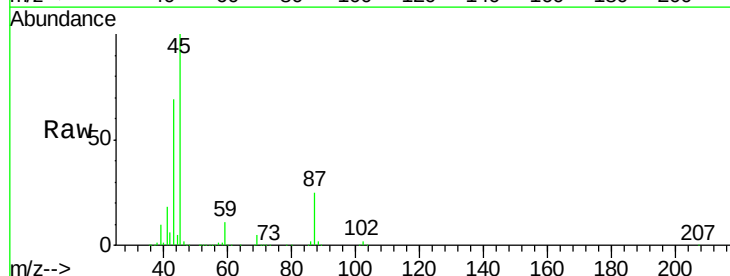
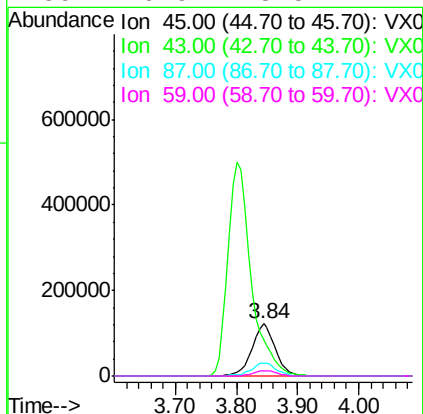
Ion Ratio Lower Upper

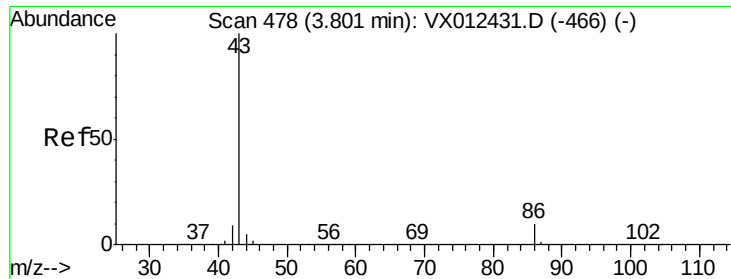
45 100

43 68.8 57.8 86.8

87 25.0 21.3 31.9

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 245.410 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion: 43 Resp: 1308675

Ion Ratio Lower Upper

43 100

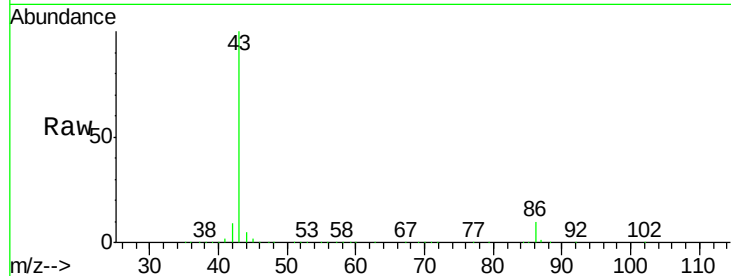
86 9.9 7.8 11.8

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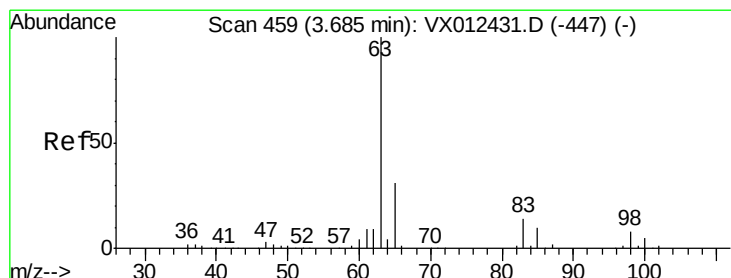
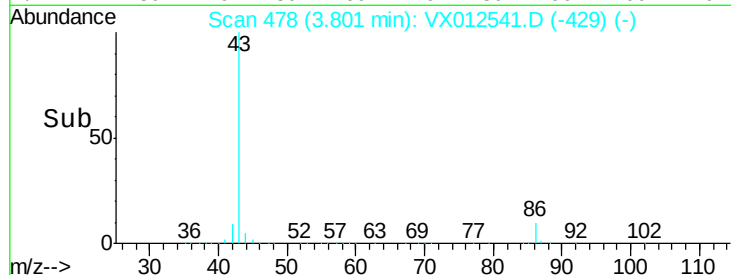
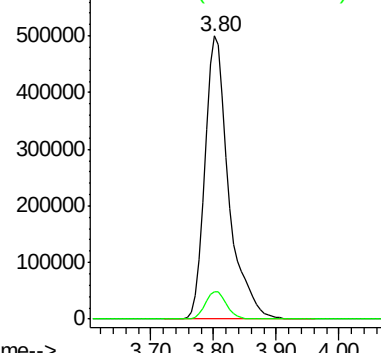
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.870 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

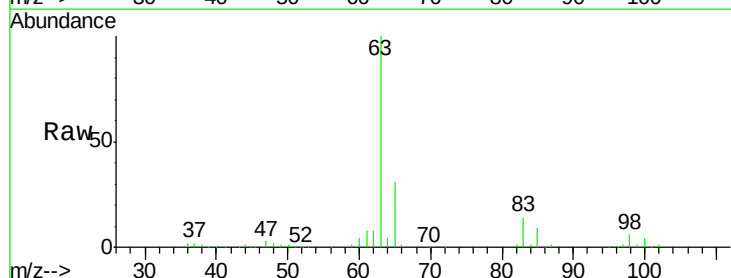
Tgt Ion: 63 Resp: 157783

Ion Ratio Lower Upper

63 100

98 6.3 3.9 11.7

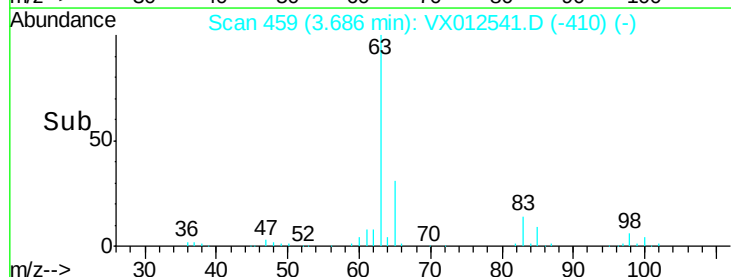
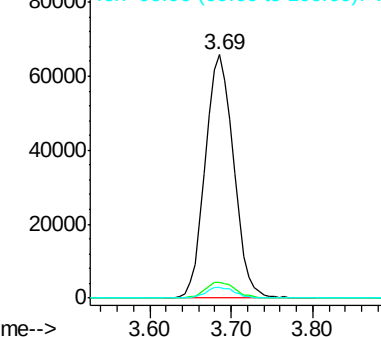
100 4.2 2.3 6.9

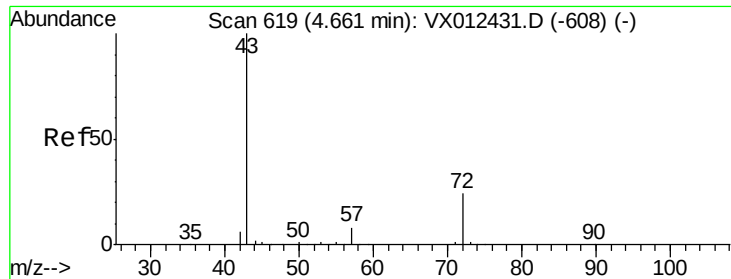


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 232.871 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tot Ion: 43 Resp: 437907

Ion Ratio Lower Upper

43 100

72 24.4 19.2 28.8

Instrument :

MSVOA_X

ClientSampleId :

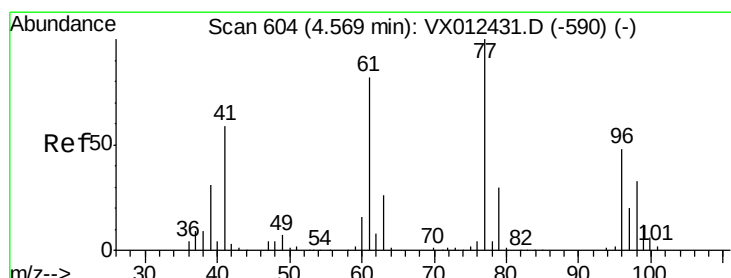
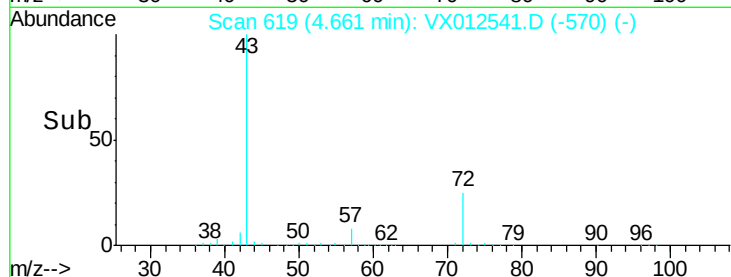
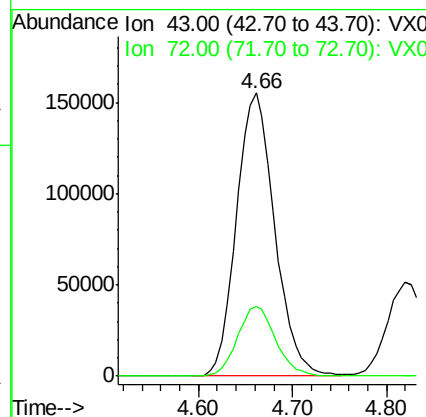
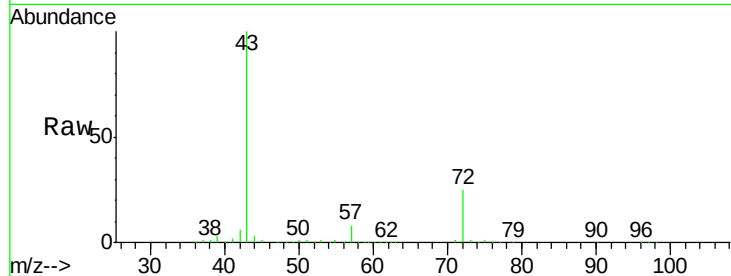
MW2-R2-1MS

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#26

2,2-Dichloropropane

Concen: 39.176 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012541.D

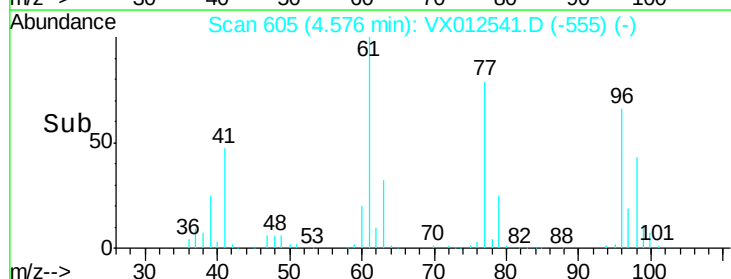
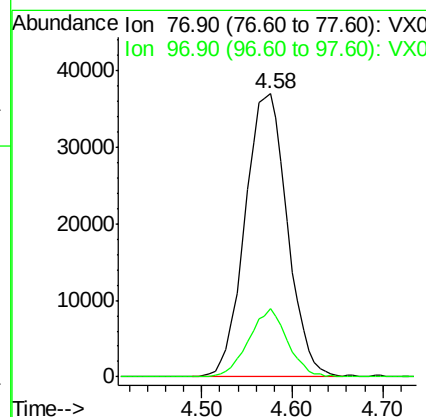
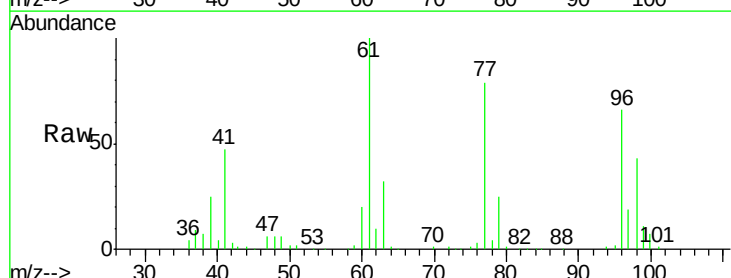
Acq: 19 Sep 2019 20:14

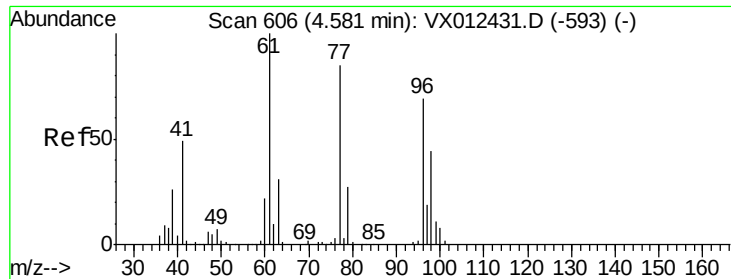
Tgt Ion: 77 Resp: 119502

Ion Ratio Lower Upper

77 100

97 22.2 10.5 31.6





#27

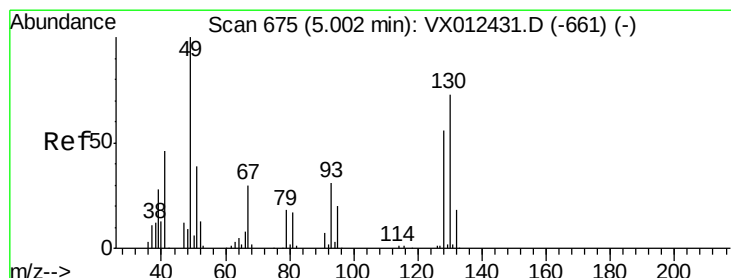
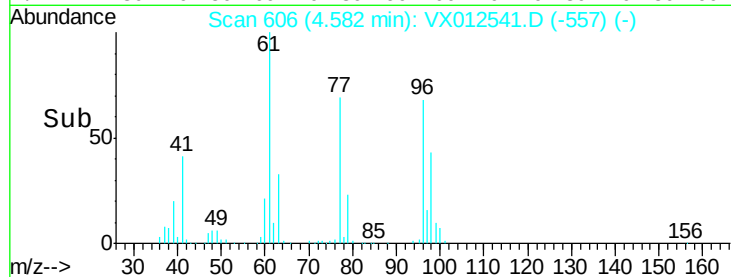
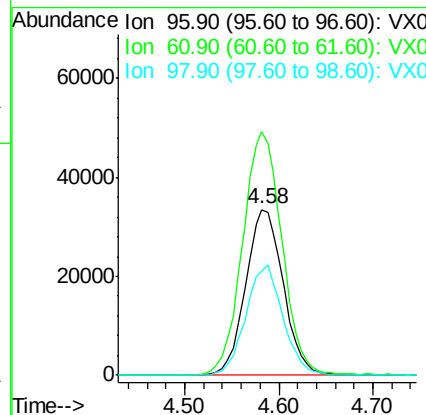
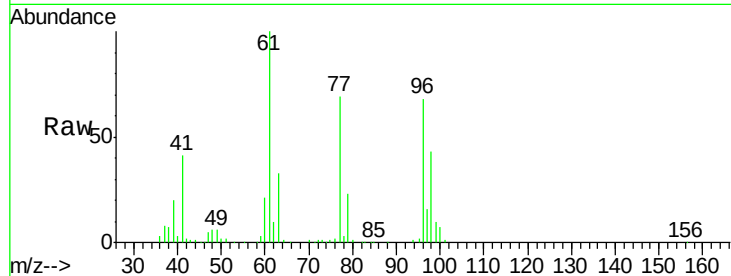
cis-1,2-Dichloroethene
Concen: 50.781 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	319.4
98	65.7	0.0	130.6

Manual Integrations
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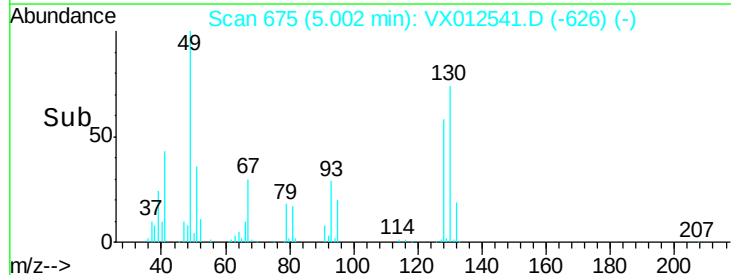
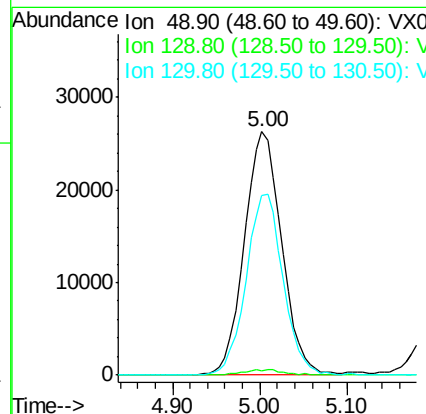
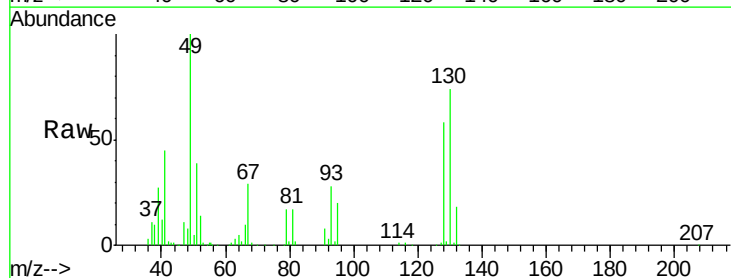
MMDadoda
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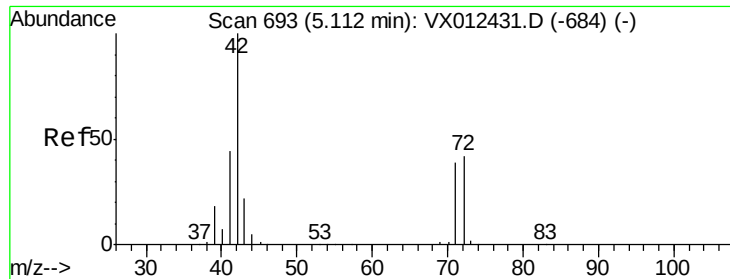


#28

Bromochloromethane
Concen: 48.842 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	73.2	58.2	87.4





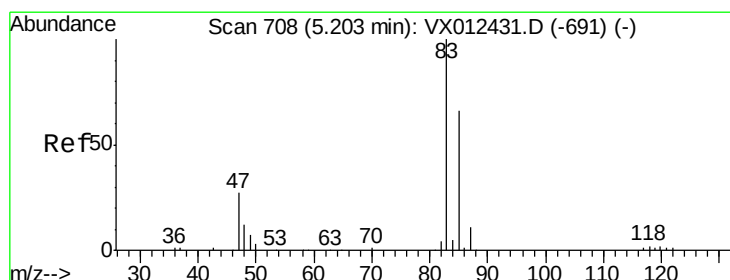
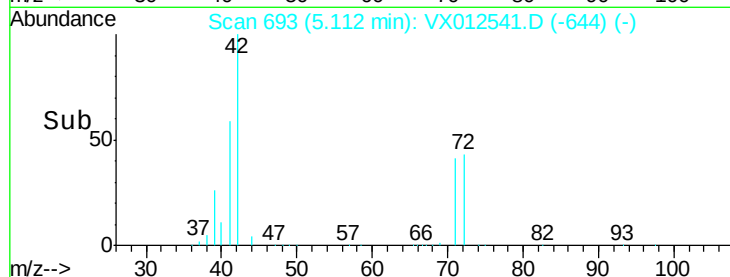
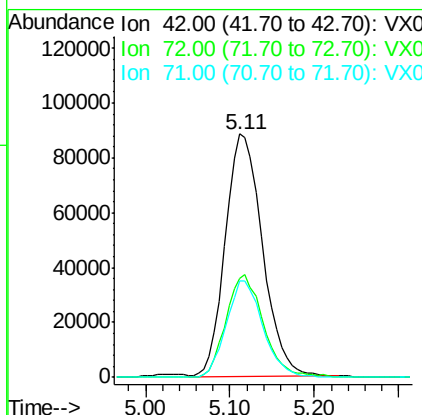
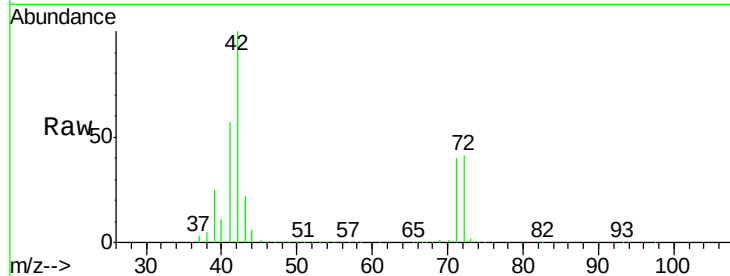
#29
Tetrahydrofuran
Concen: 255.883 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.0	51.0
71	39.3	31.5	47.3

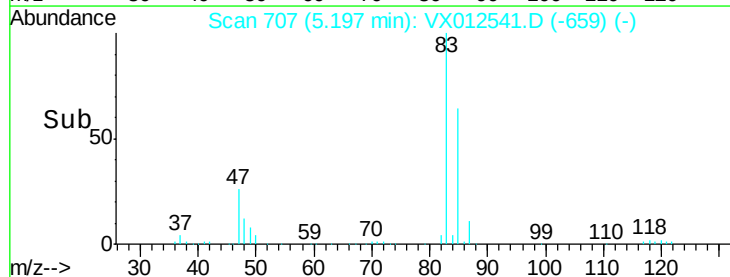
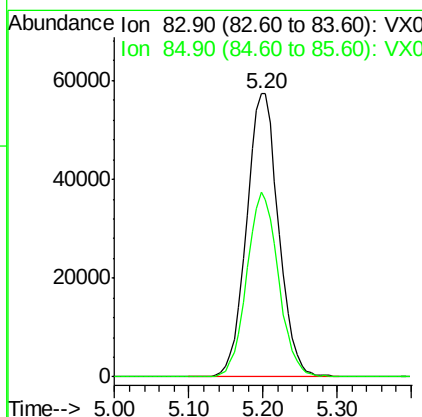
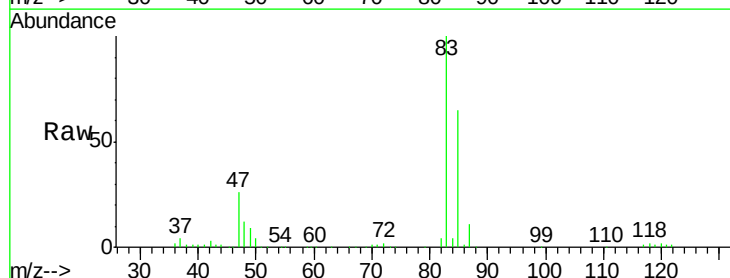
Manual Integrations
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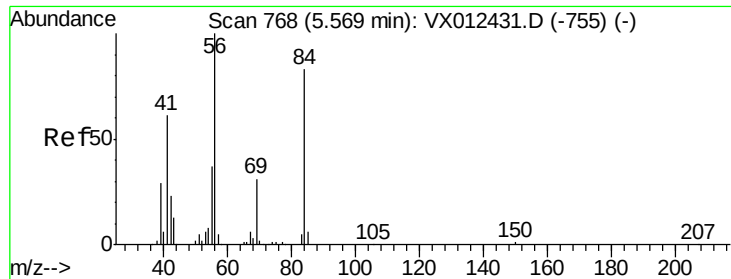
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#30
Chloroform
Concen: 48.573 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.0	79.4





#31

Cyclohexane

Concen: 49.663 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

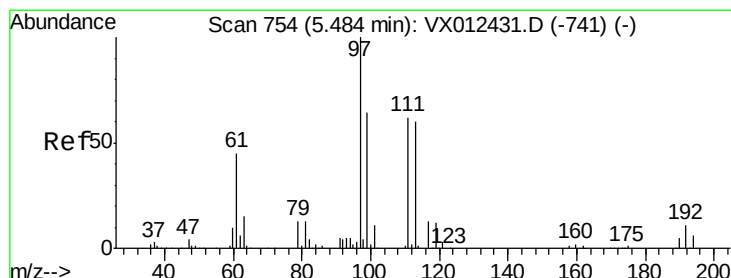
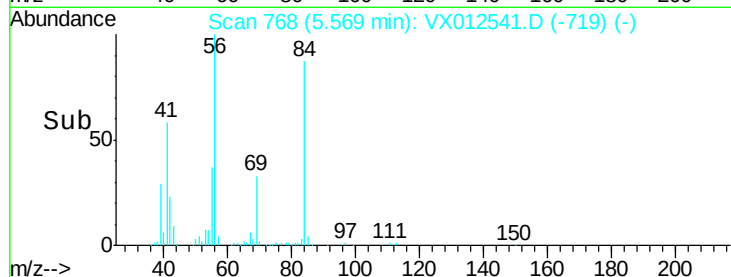
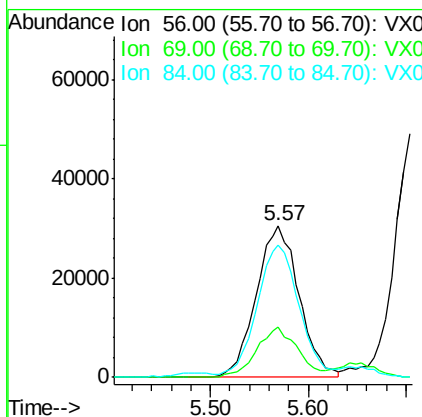
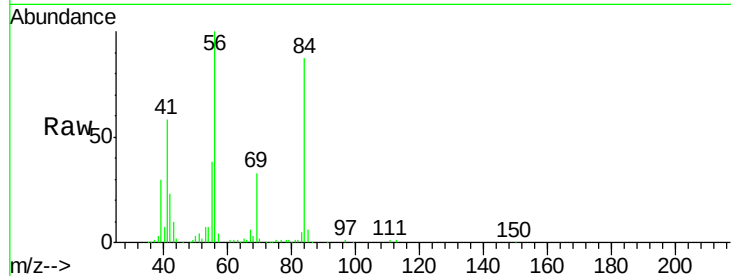
ClientSampleId :

MW2-R2-1MS

Tot Ion:	56	Resp:	92987
Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.0	37.6
84	84.6	66.4	99.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.352 ug/l

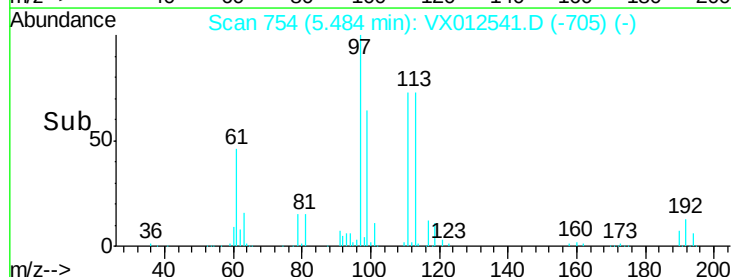
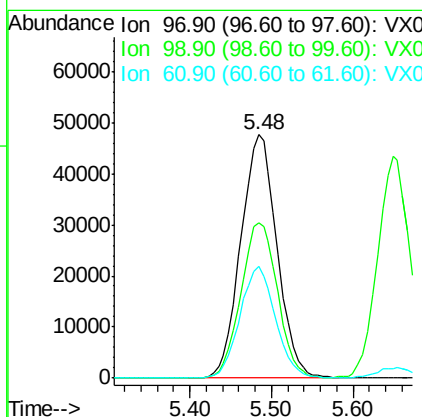
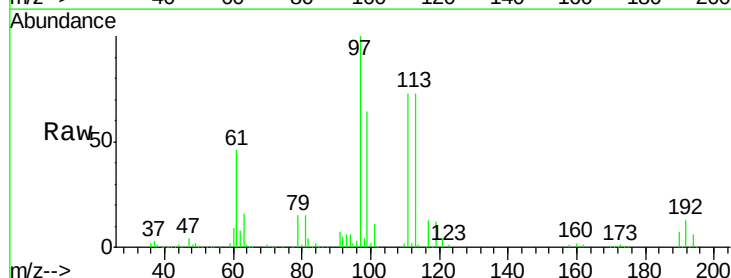
RT: 5.48 min Scan# 754

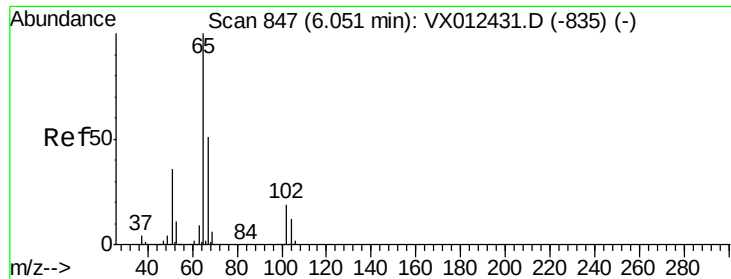
Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion:	97	Resp:	146933
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	45.3	36.1	54.1





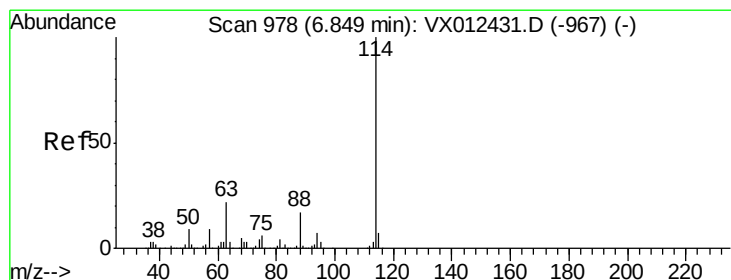
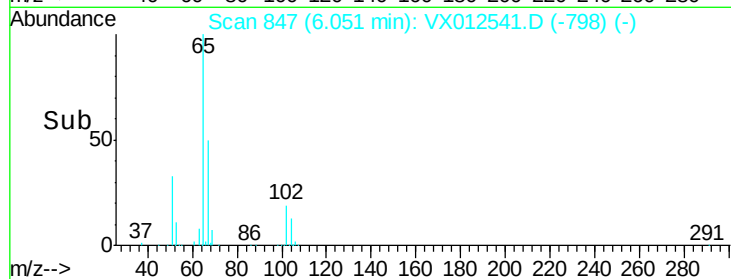
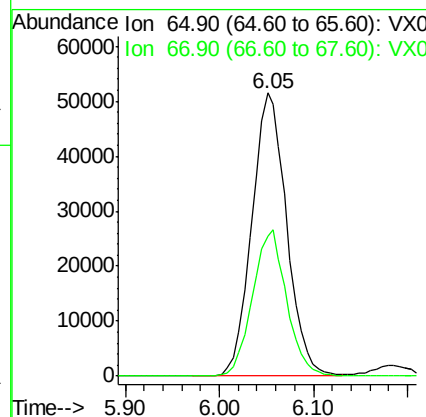
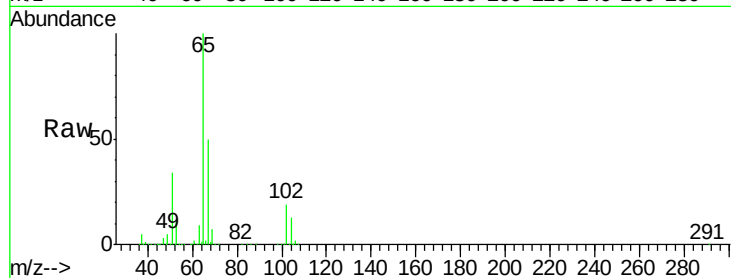
#33
 1,2-Dichloroethane-d4
 Concen: 49.206 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.2

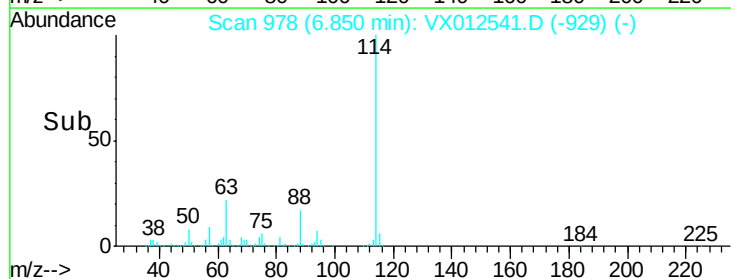
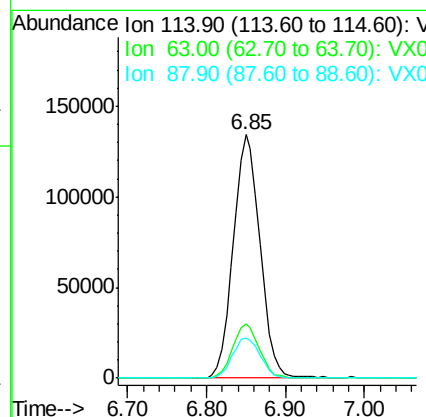
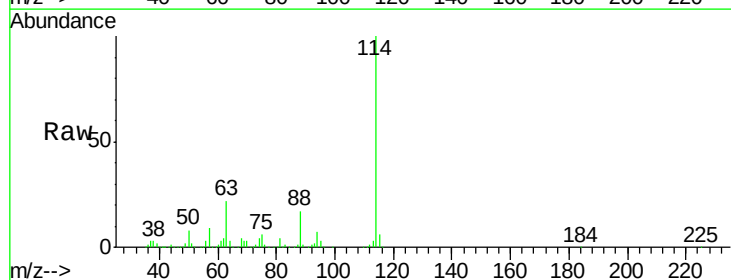
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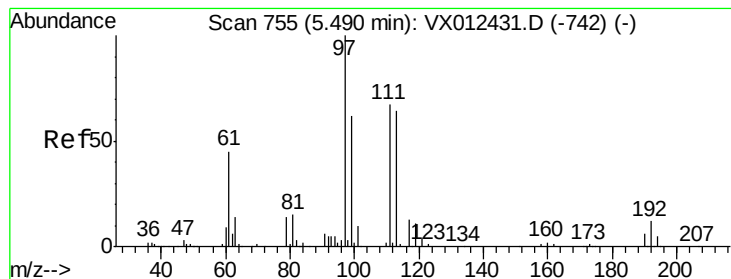
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	16.7	0.0	33.2





#35

Dibromofluoromethane

Concen: 51.675 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

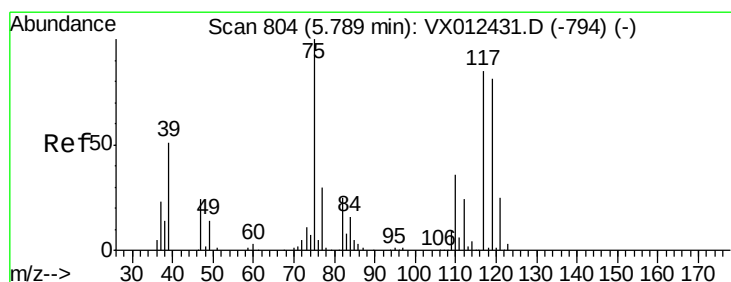
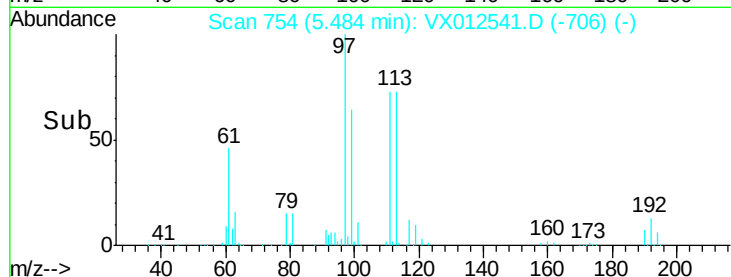
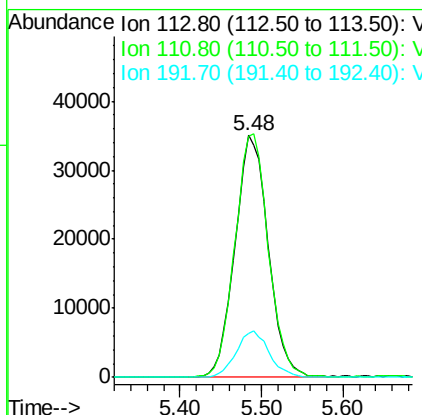
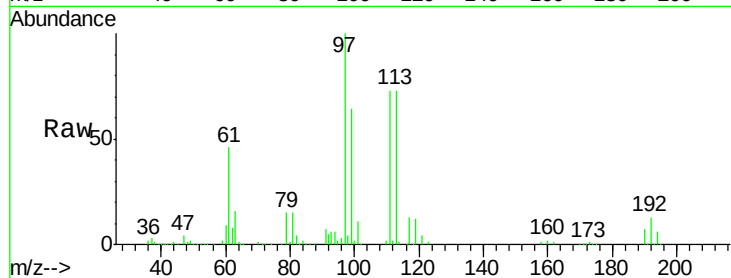
ClientSampleId :

MW2-R2-1MS

Tot Ion:	113	Resp:	99129
Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.4	125.2
192	19.1	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.846 ug/l

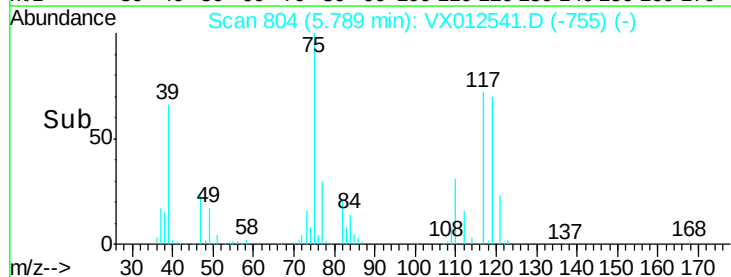
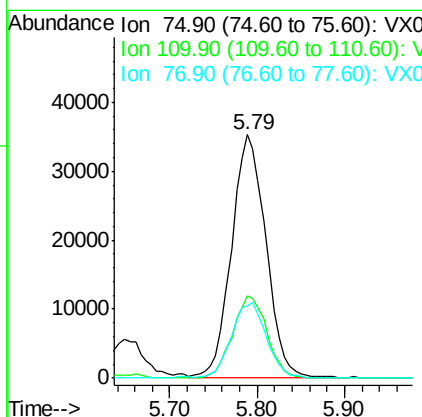
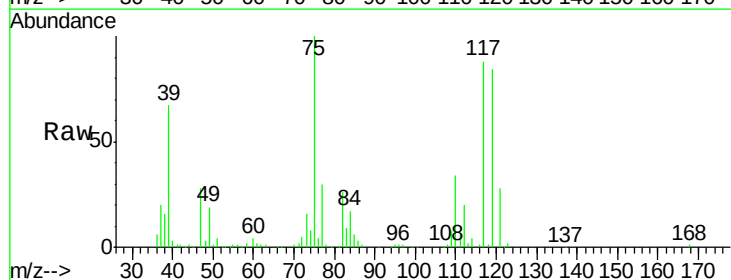
RT: 5.79 min Scan# 804

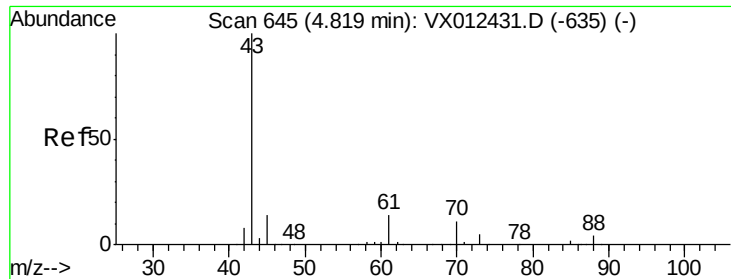
Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion:	75	Resp:	96015
Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.0
77	32.0	24.2	36.2





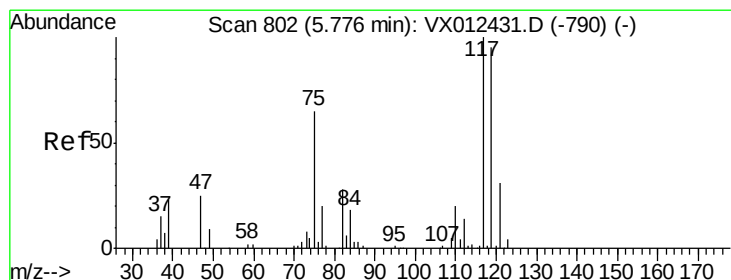
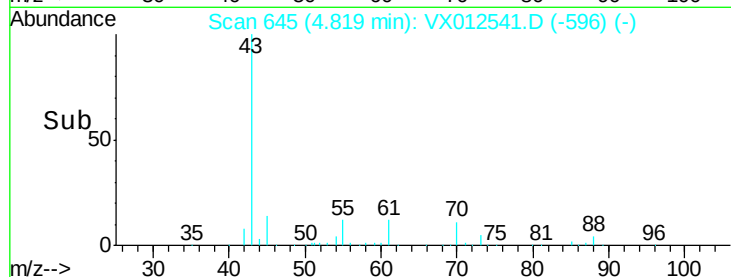
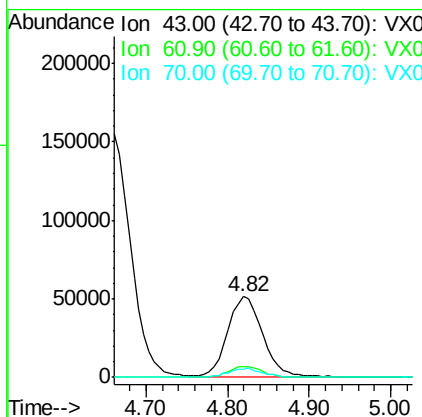
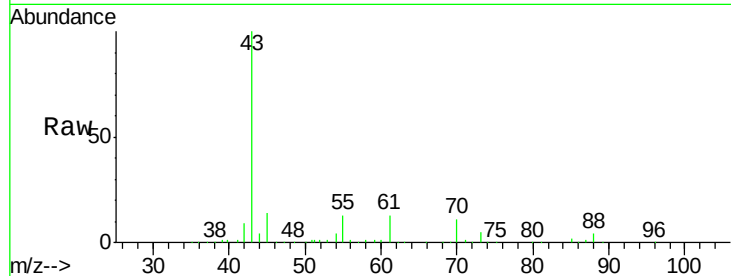
#37
Ethyl Acetate
Concen: 51.222 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	11.0	8.7	13.1

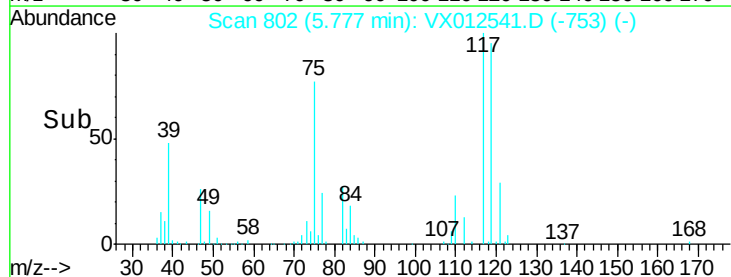
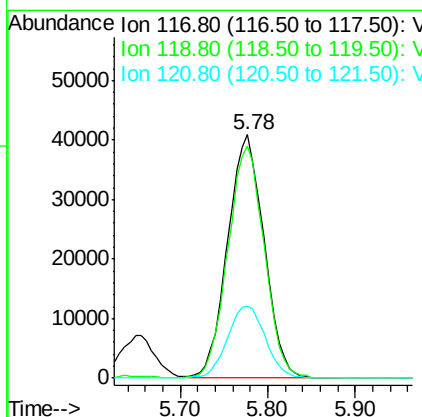
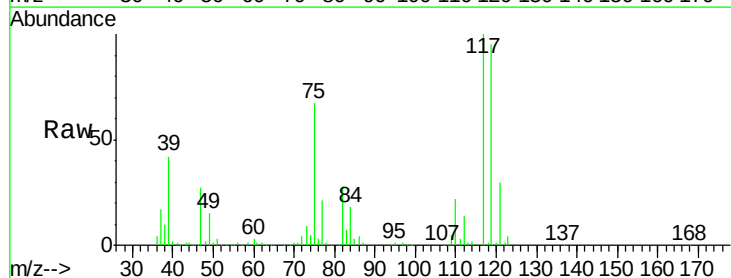
Manual Integrations
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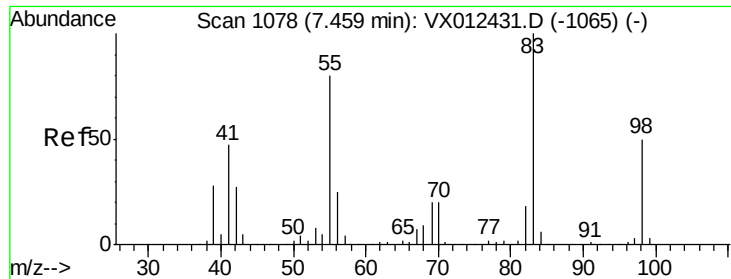
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#38
Carbon Tetrachloride
Concen: 49.146 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.7	113.5
121	29.9	24.2	36.4





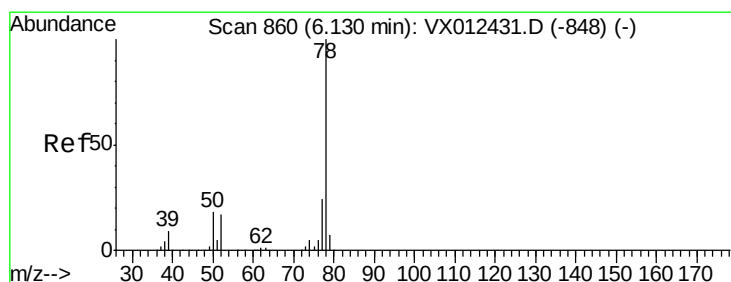
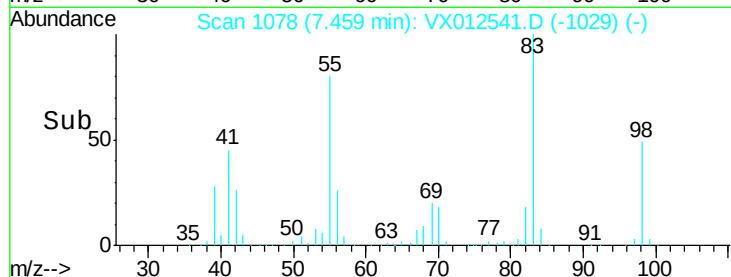
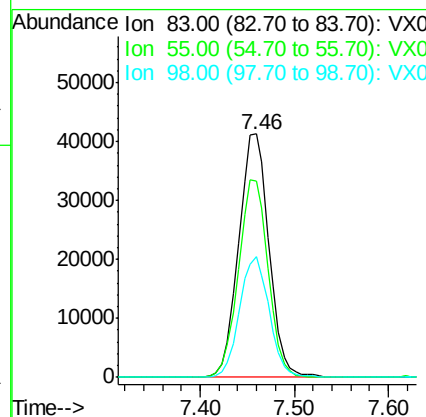
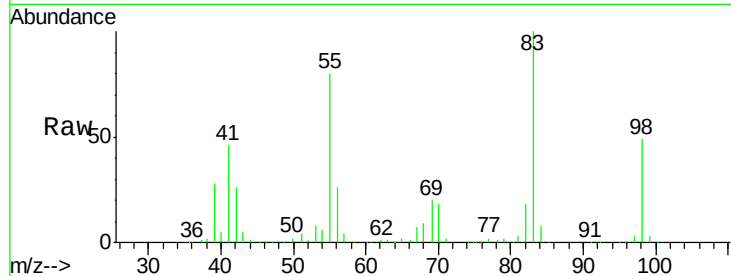
#39
Methylvlcyclohexane
Concen: 49.422 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	64.4	96.6
98	49.4	40.1	60.1

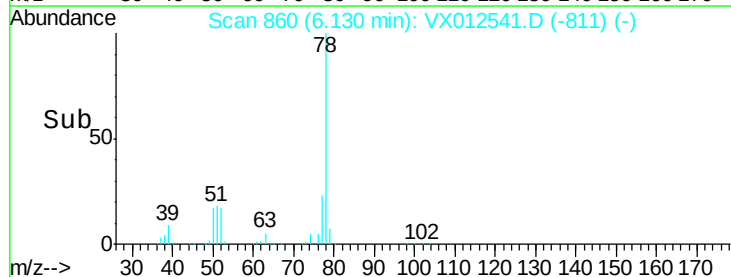
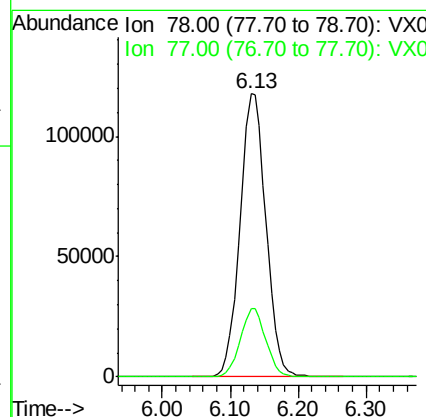
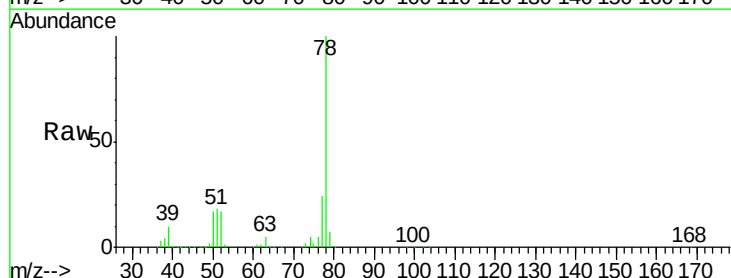
Manual Integrations
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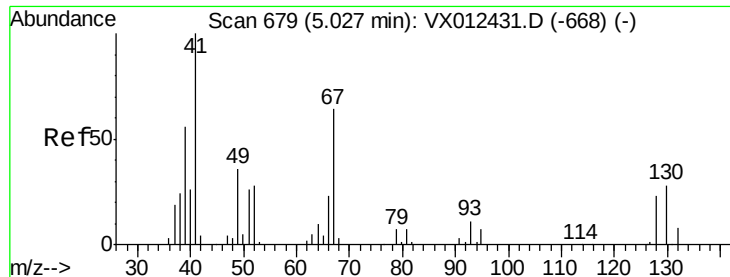
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#40
Benzene
Concen: 51.067 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





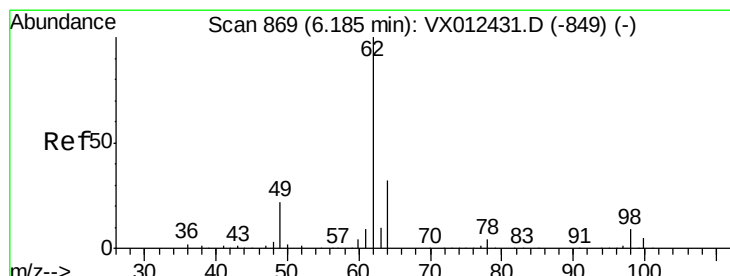
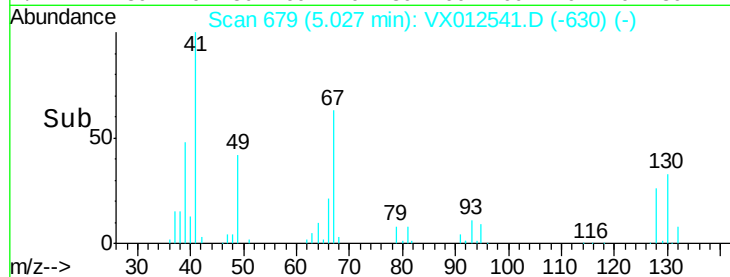
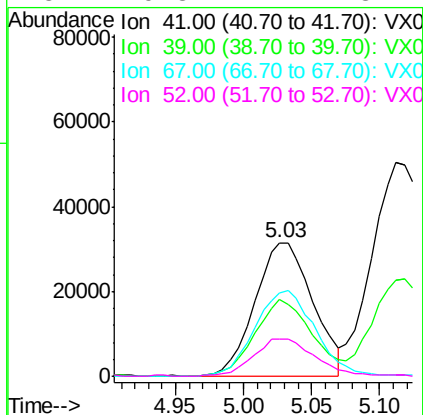
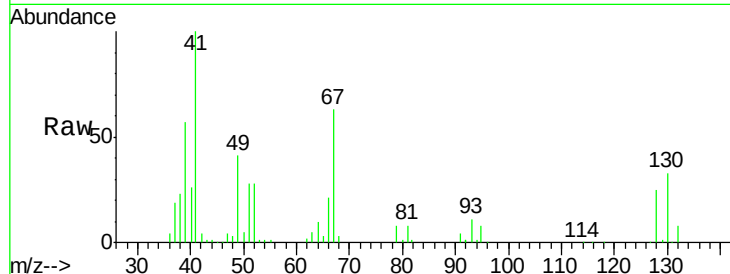
#41
Methacrylonitrile
Concen: 48.796 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.6	46.0	69.0	
67	67.4	52.2	78.2	
52	29.3	22.7	34.1	

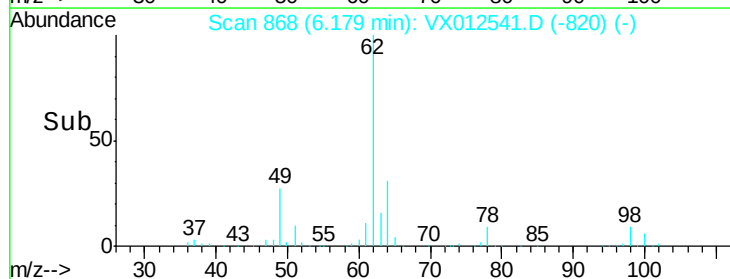
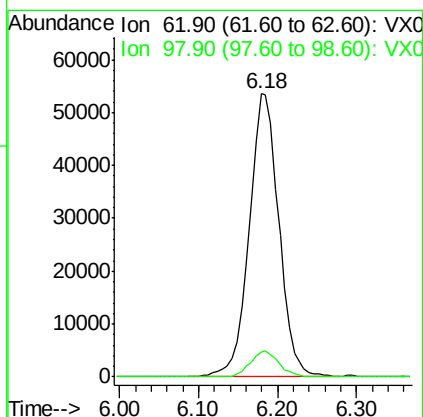
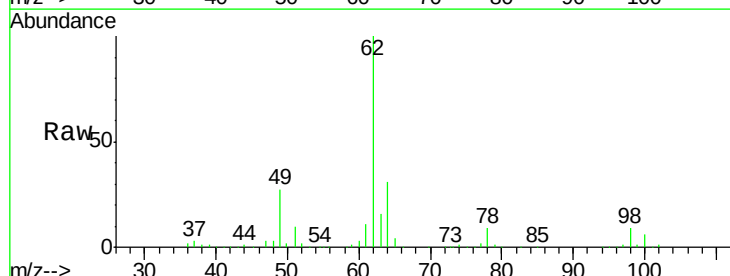
Manual Integrations
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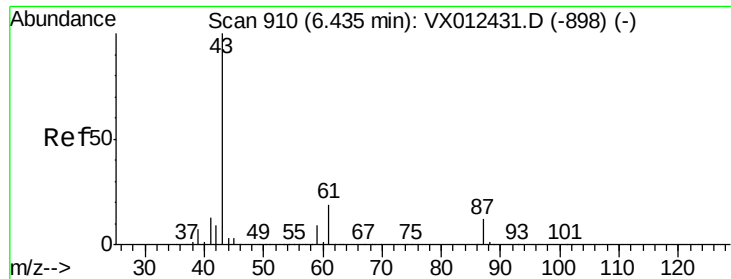
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#42
1,2-Dichloroethane
Concen: 49.362 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.8	





#43

Isopropyl Acetate

Concen: 50.133 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

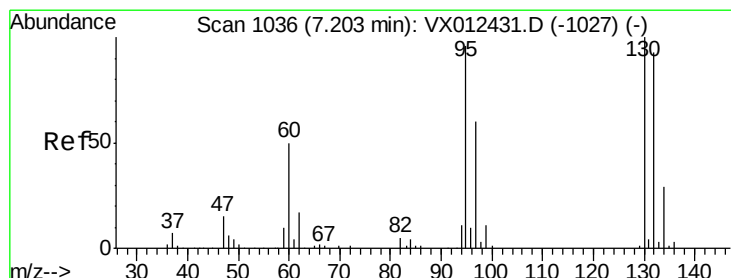
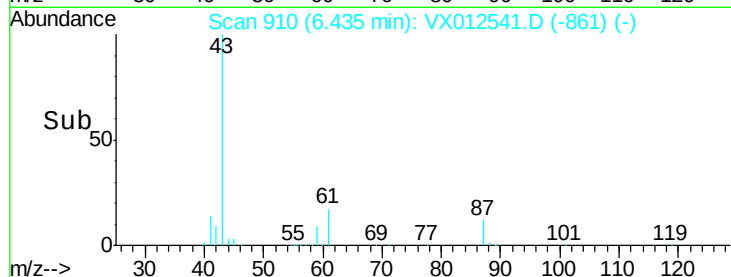
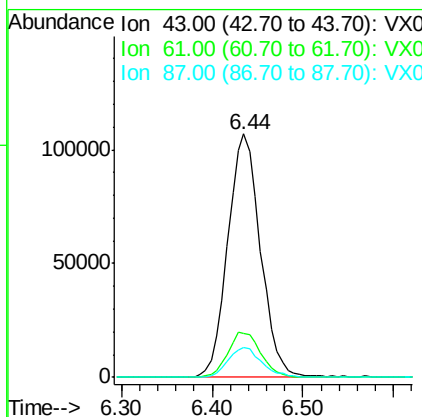
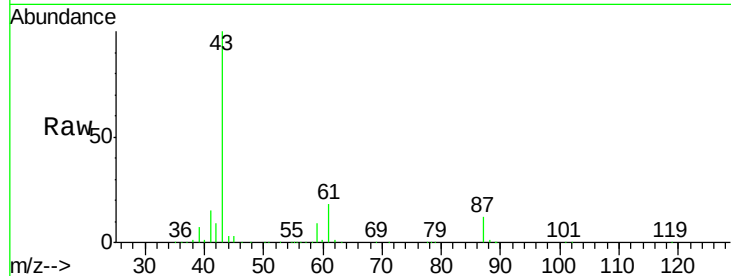
ClientSampleId :

MW2-R2-1MS

Tot Ion:	43	Resp:	266046
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	12.7	9.8	14.8

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#44

Trichloroethene

Concen: 51.957 ug/l

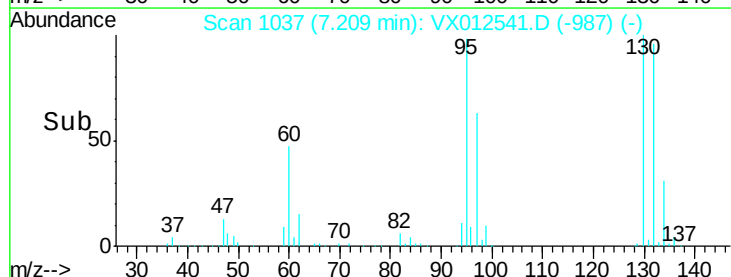
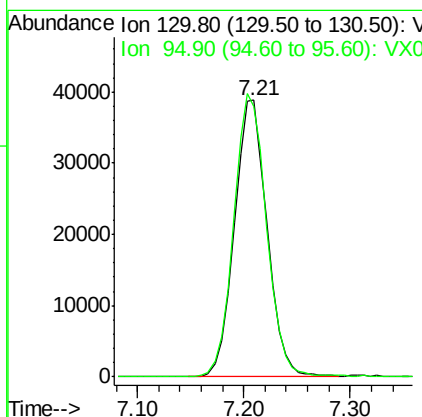
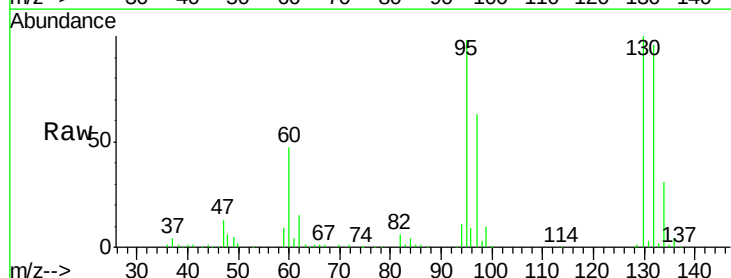
RT: 7.21 min Scan# 1037

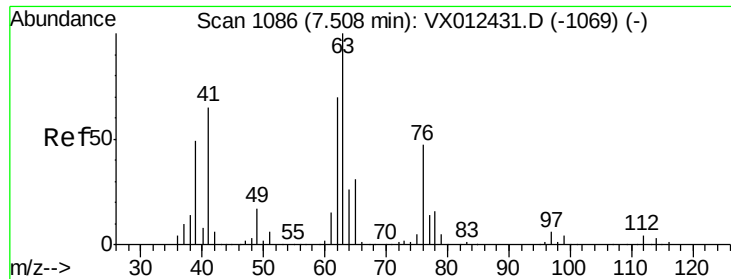
Delta R.T. 0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion:	130	Resp:	83717
Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	193.0





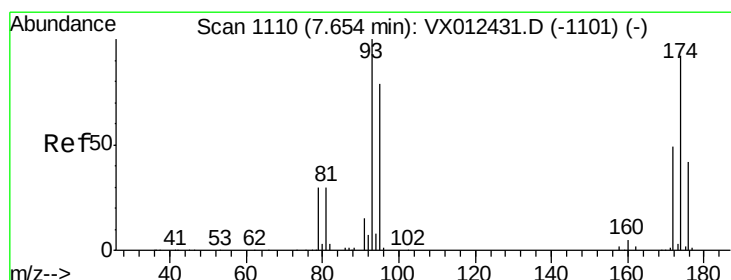
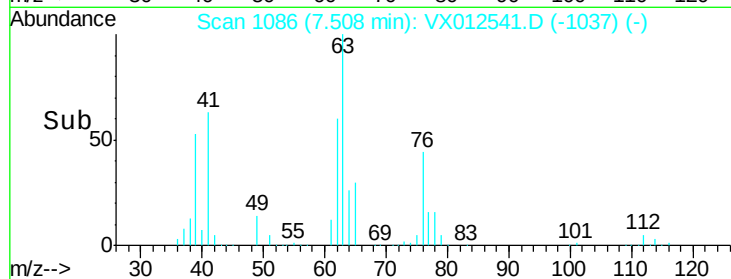
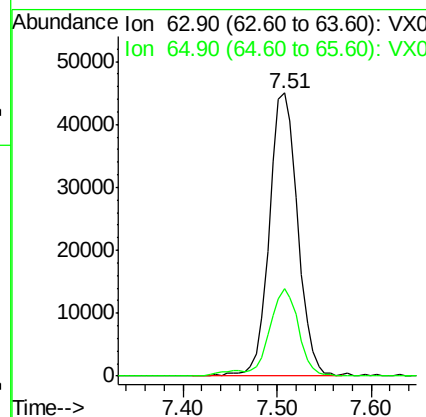
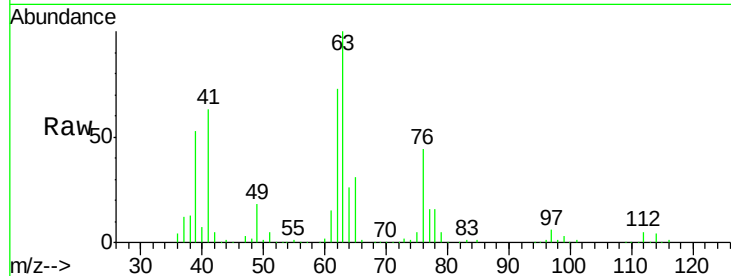
#45
 1,2-Dichloropropane
 Concen: 50.551 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.0	37.6

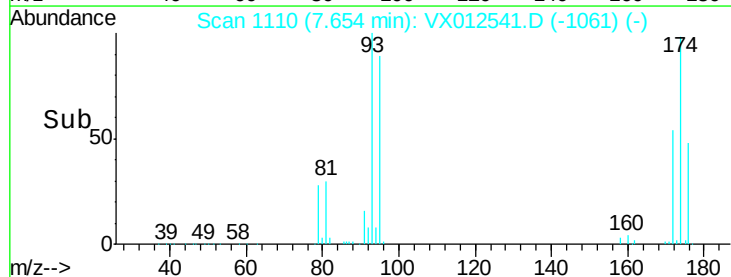
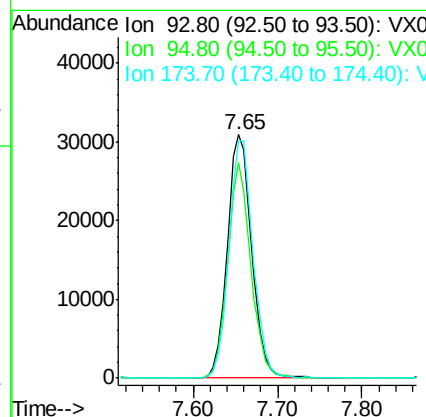
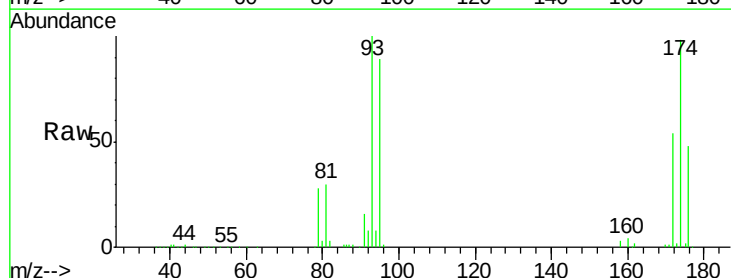
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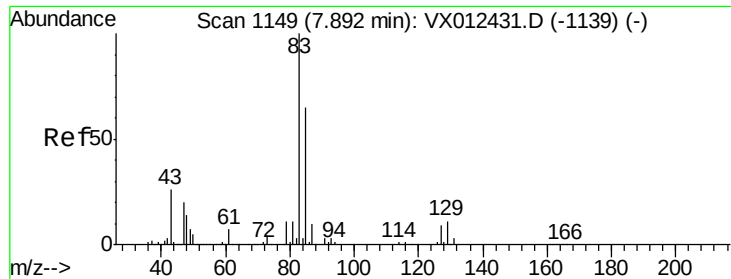
MMDadoda
 9/20/2019 10:46:11 AM



#46
 Dibromomethane
 Concen: 50.325 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.6	100.0
174	96.9	77.4	116.0





#47

Bromodichloromethane

Concen: 50.536 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

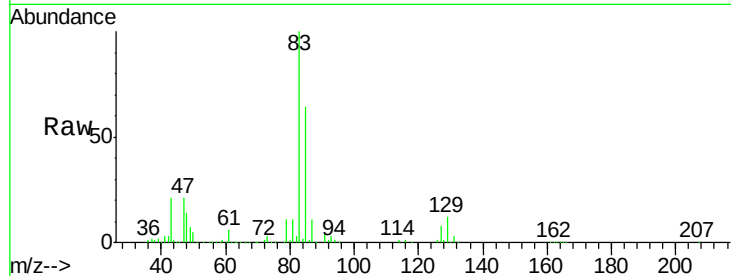
ClientSampleId :

MW2-R2-1MS

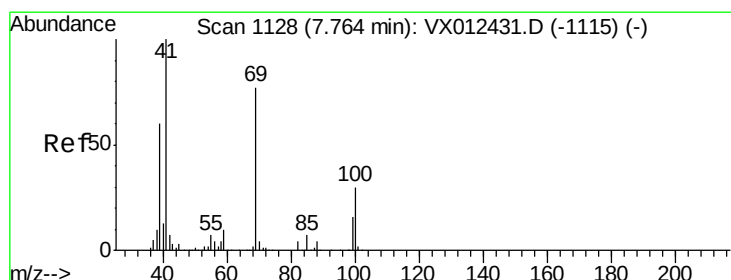
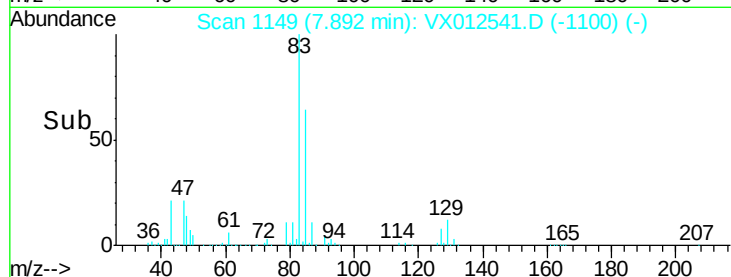
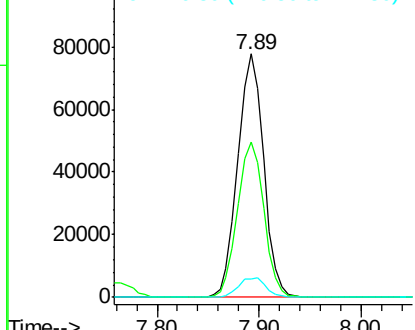
Tot Ion:	83	Resp:	137031
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6
127	7.7	7.3	10.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.512 ug/l

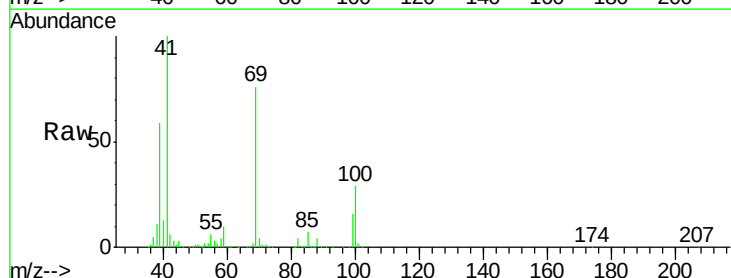
RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

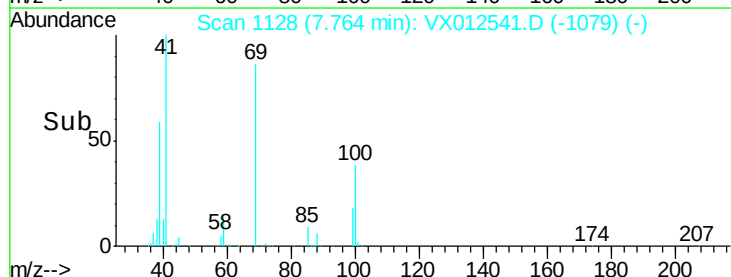
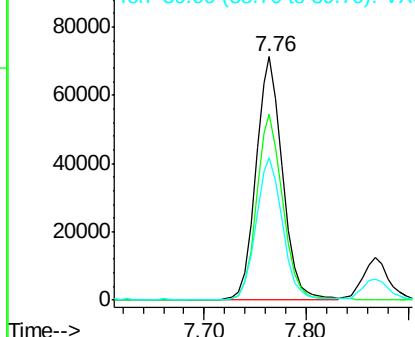
Lab File: VX012541.D

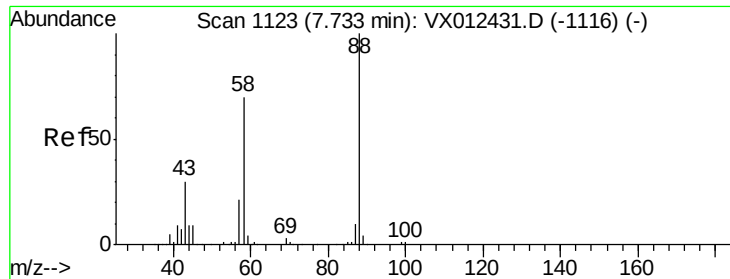
Acq: 19 Sep 2019 20:14

Tgt Ion:	41	Resp:	128863
Ion	Ratio	Lower	Upper
41	100		
69	76.0	59.9	89.9
39	58.6	47.8	71.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





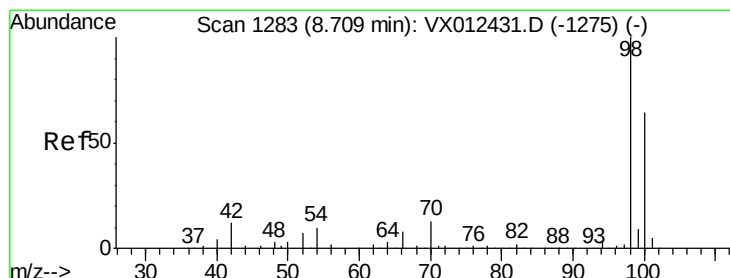
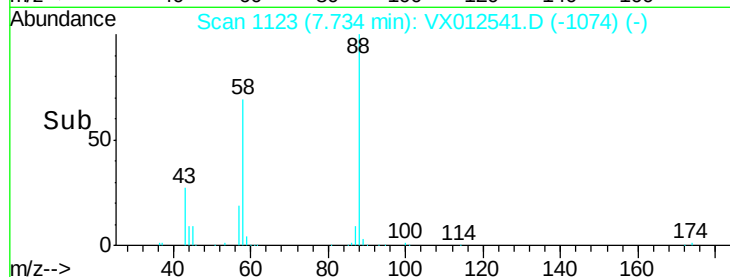
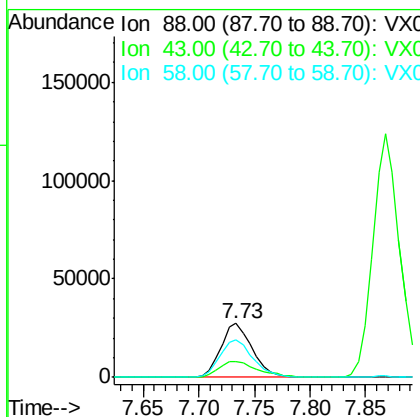
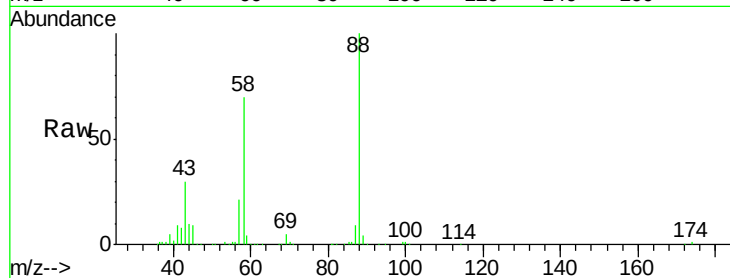
#49
1,4-Dioxane
Concen: 878.190 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	29.4	44.0
58	74.0	57.5	86.3

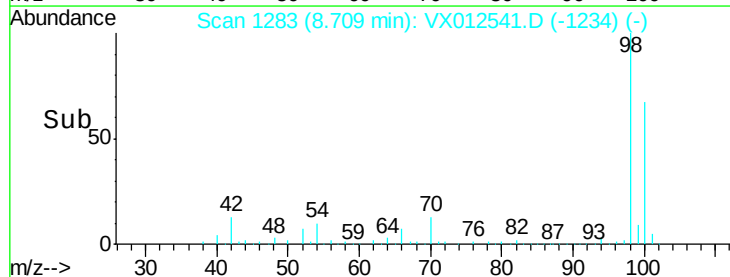
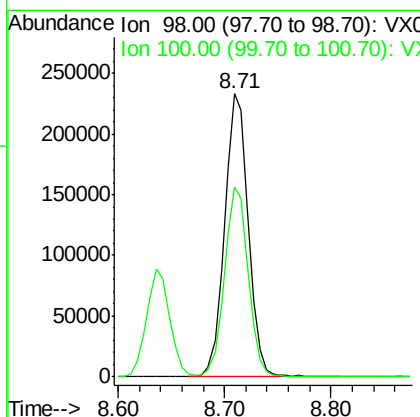
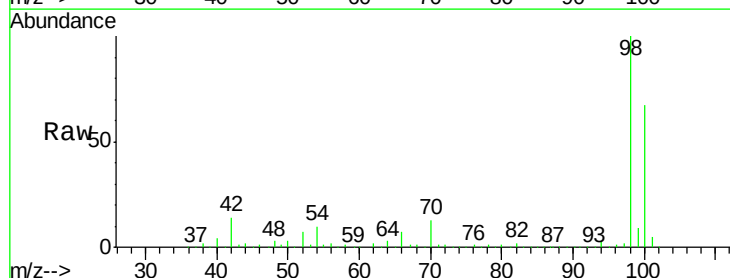
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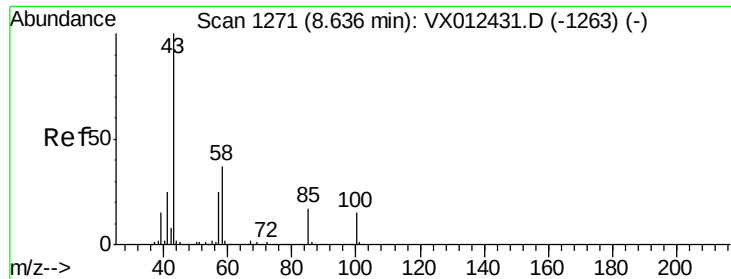
MMDadoda
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#50
Toluene-d8
Concen: 51.023 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





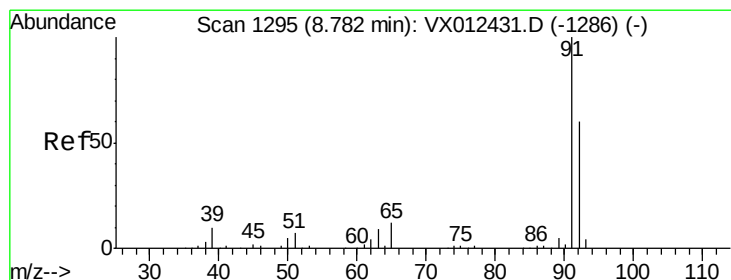
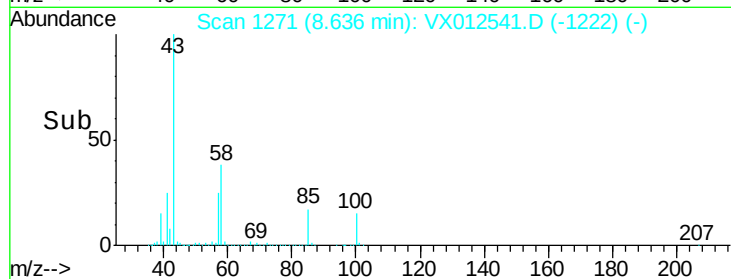
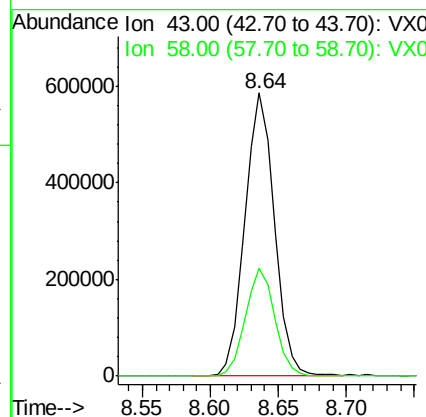
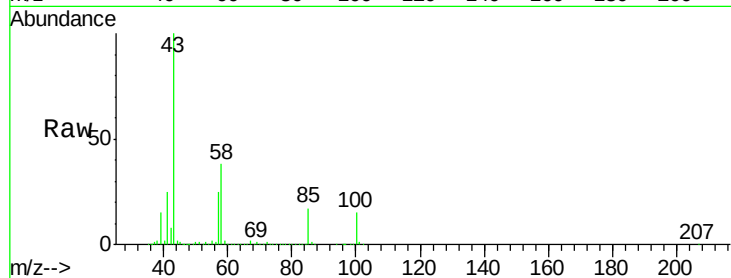
#51
4-Methyl-2-Pentanone
Concen: 255.673 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	43	Resp	889787
Ion Ratio	100	Lower	Upper
43	100		
58	37.7	29.8	44.6

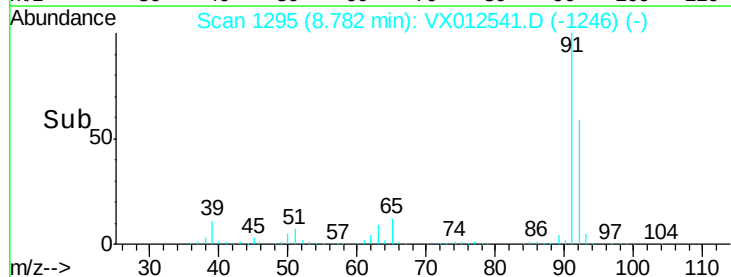
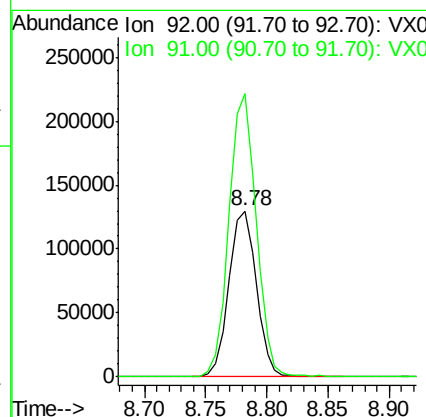
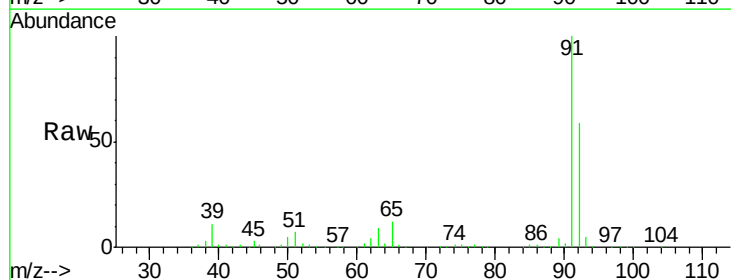
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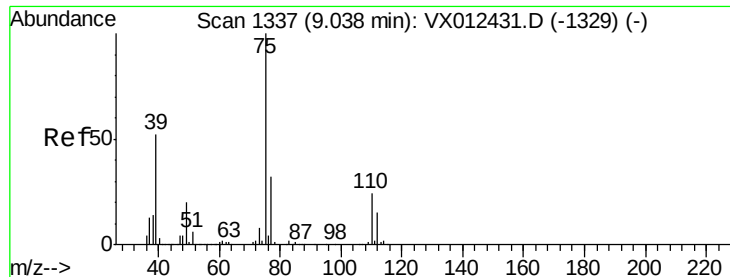
MMDadoda
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#52
Toluene
Concen: 51.406 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	92	Resp	202897
Ion Ratio	100	Lower	Upper
92	100		
91	169.1	135.4	203.0





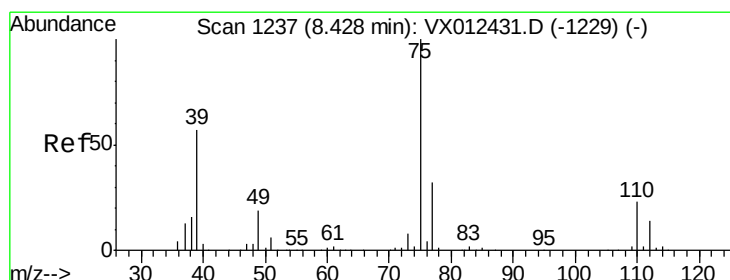
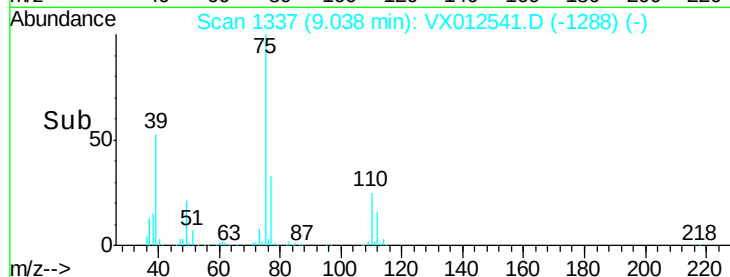
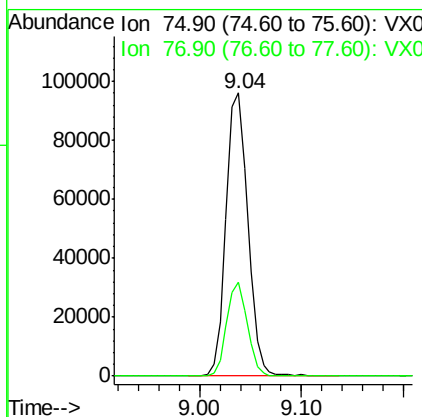
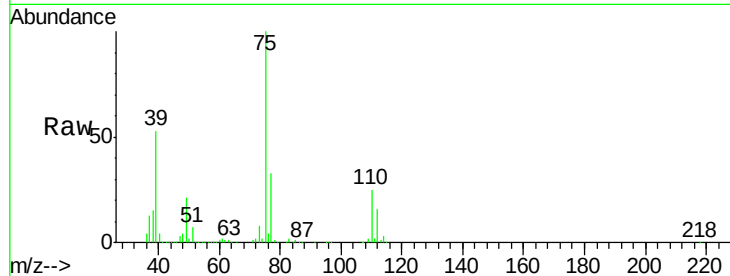
#53
t-1,3-Dichloropropene
Concen: 50.678 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion: 75 Resp: 142841
Ion Ratio Lower Upper
75 100
77 33.1 25.2 37.8

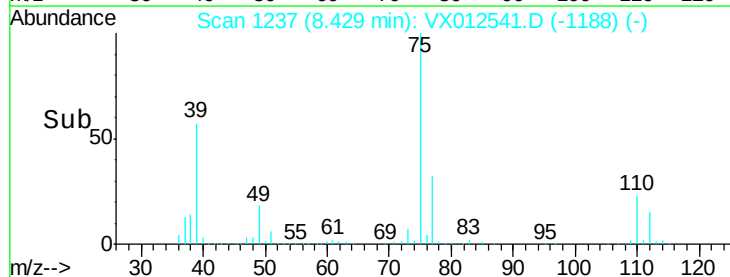
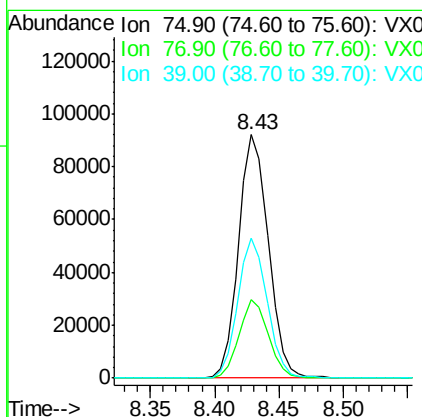
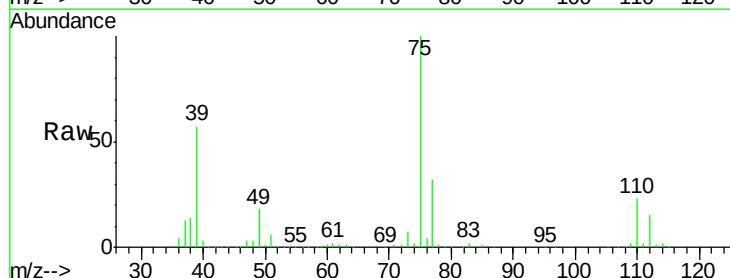
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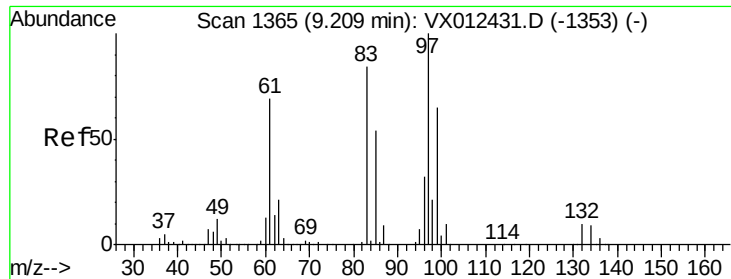
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.599 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 75 Resp: 147651
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
39 57.4 45.5 68.3





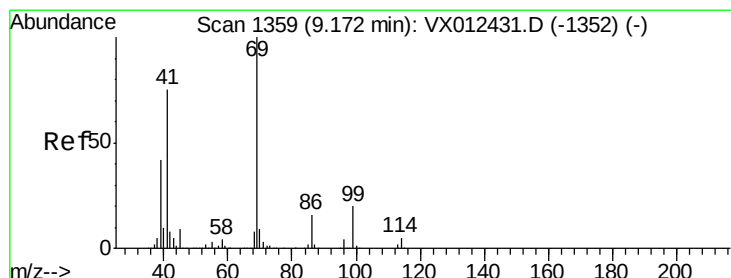
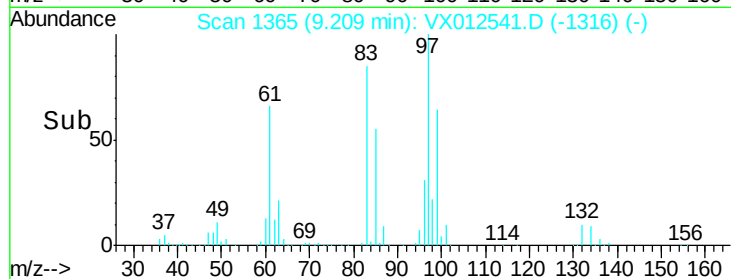
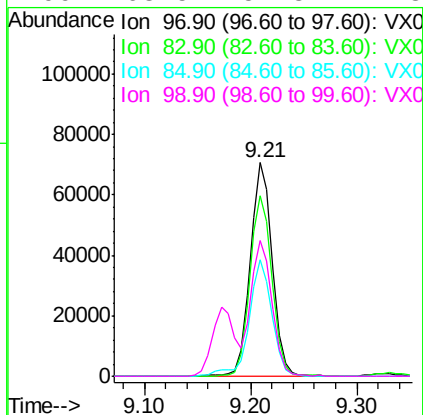
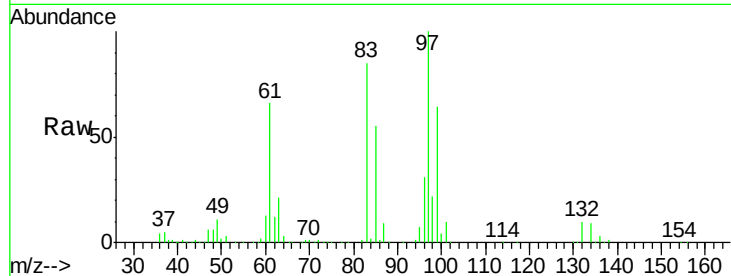
#55
 1,1,2-Trichloroethane
 Concen: 50.454 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		102597		
83	84.6	67.4	101.2		
85	54.6	43.5	65.3		
99	63.5	51.8	77.8		

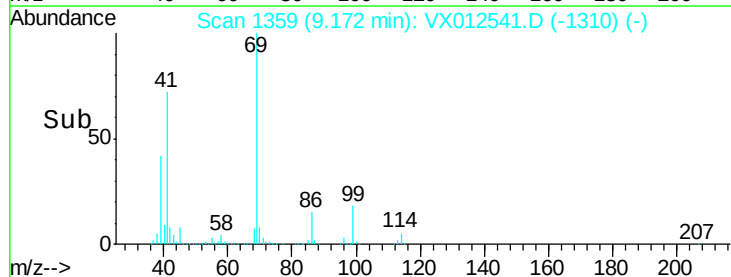
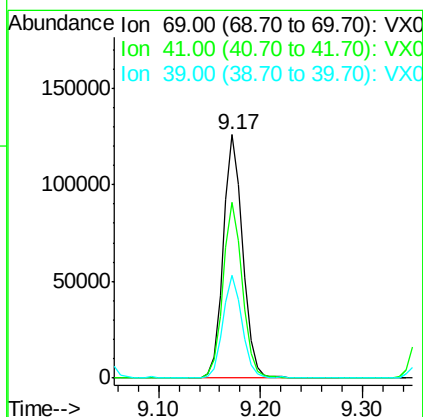
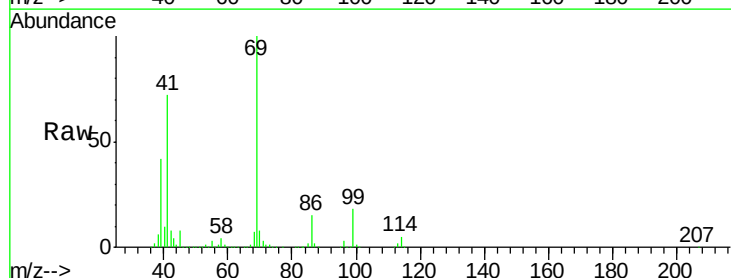
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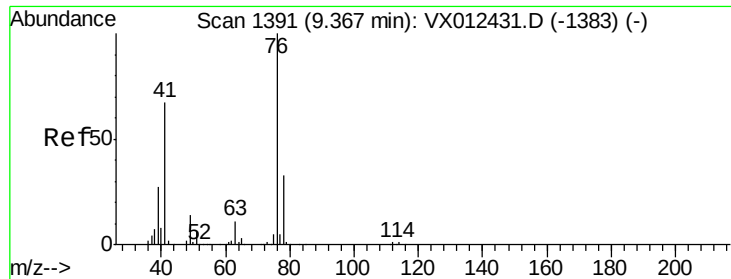
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#56
 Ethyl methacrylate
 Concen: 52.547 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		167062		
41	71.8	58.4	87.6		
39	41.7	33.4	50.0		





#57

1,3-Dichloropropane

Concen: 51.137 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion: 76 Resp: 165911

Ion Ratio Lower Upper

76 100

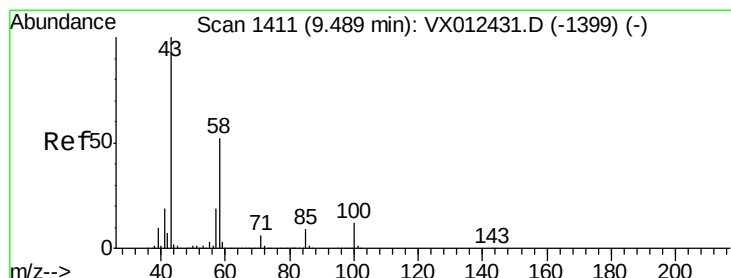
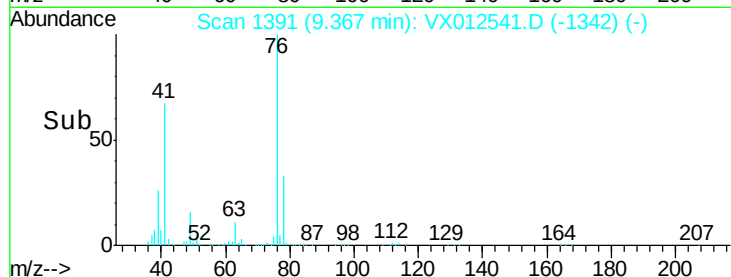
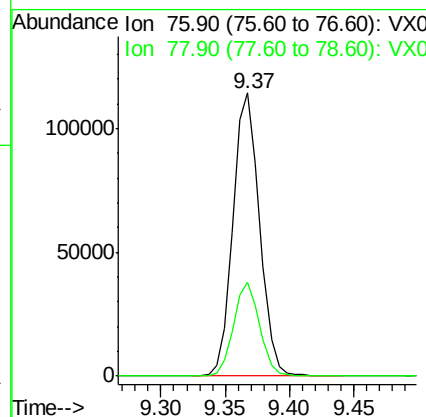
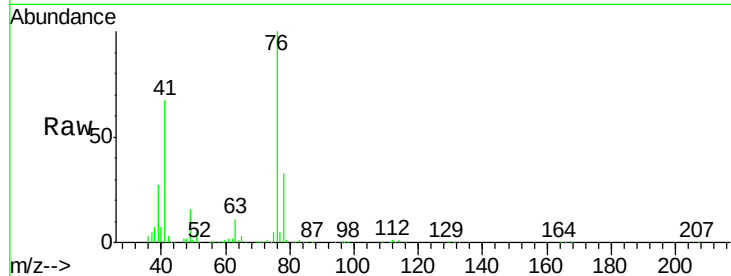
78 32.4 26.2 39.2

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#59

2-Hexanone

Concen: 250.229 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX012541.D

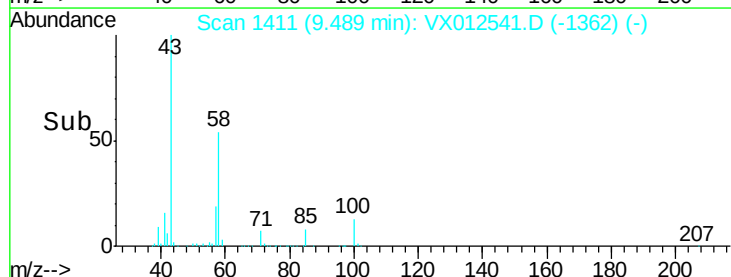
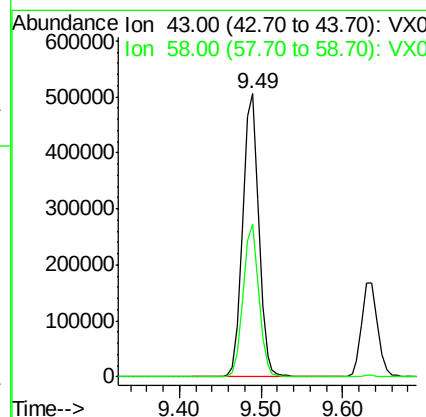
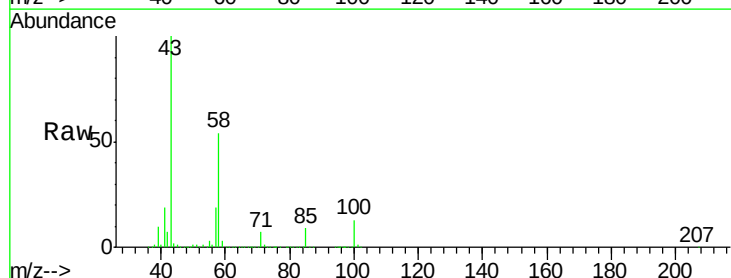
Acq: 19 Sep 2019 20:14

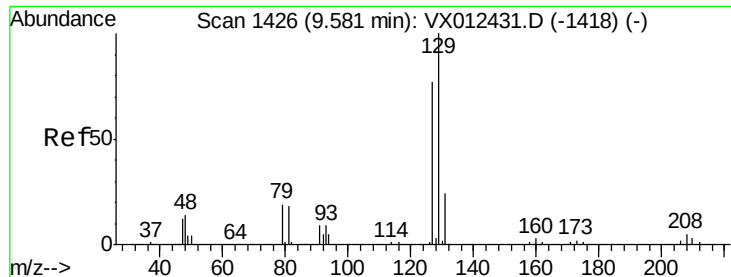
Tgt Ion: 43 Resp: 679402

Ion Ratio Lower Upper

43 100

58 52.9 25.7 77.1





#60

Dibromochloromethane

Concen: 52.845 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion:129 Resp: 109457

Ion Ratio Lower Upper

129 100

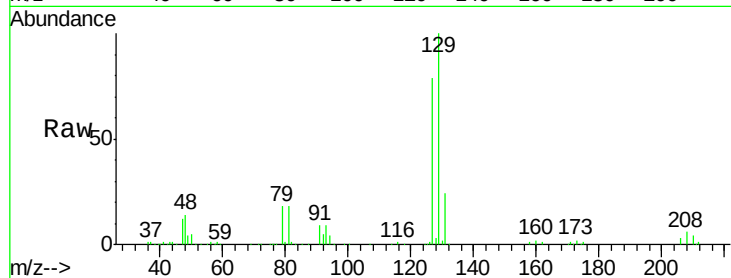
127 77.3 38.9 116.6

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

80000

60000

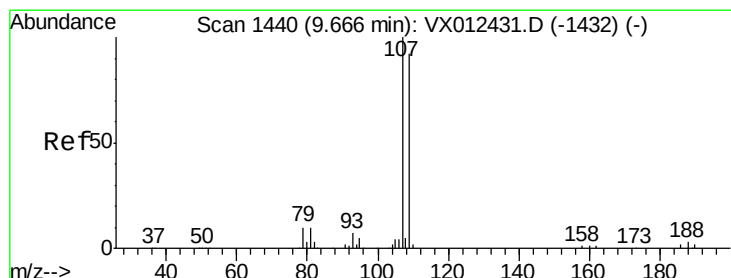
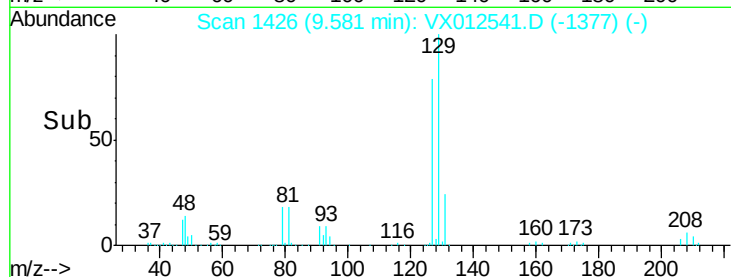
40000

20000

0

9.50 9.60 9.70

Time-->



#61

1,2-Dibromoethane

Concen: 52.050 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012541.D

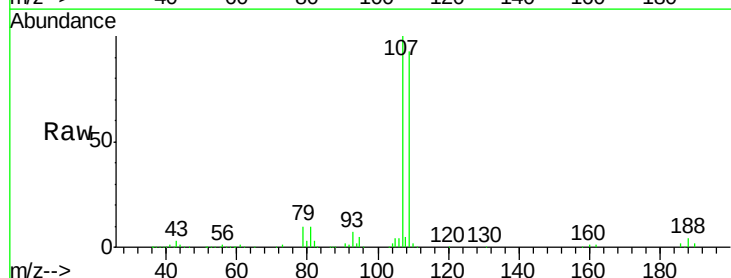
Acq: 19 Sep 2019 20:14

Tgt Ion:107 Resp: 96666

Ion Ratio Lower Upper

107 100

109 94.3 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

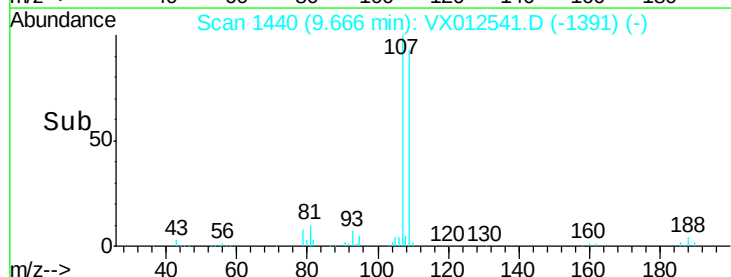
40000

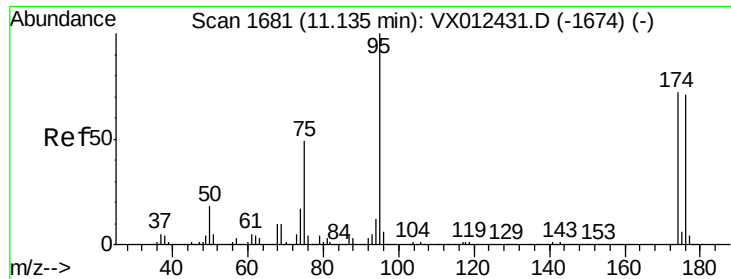
20000

0

9.60 9.65 9.70 9.75

Time-->





#62

4-Bromofluorobenzene

Concen: 49.448 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion: 95 Resp: 145782

Ion Ratio Lower Upper

95 100

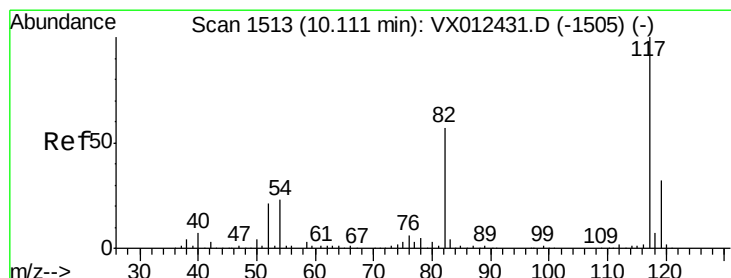
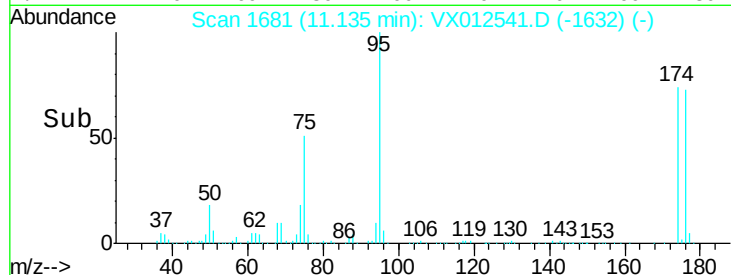
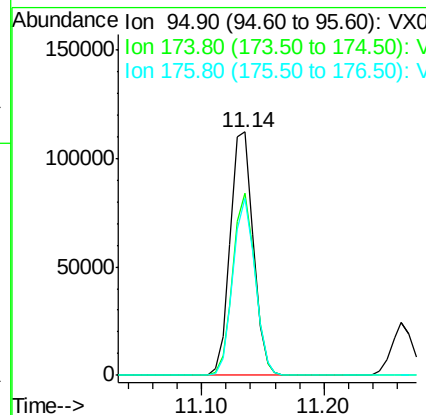
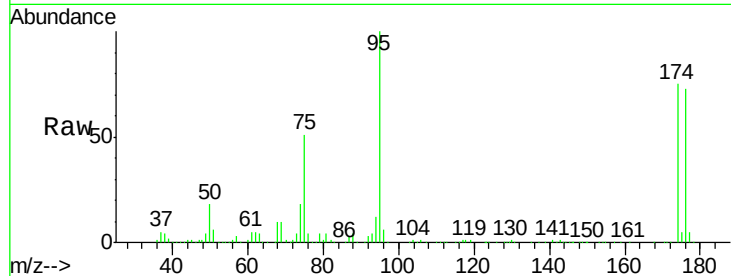
174 71.9 0.0 140.0

176 70.1 0.0 135.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

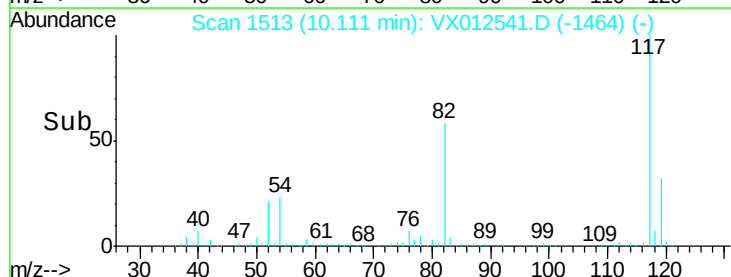
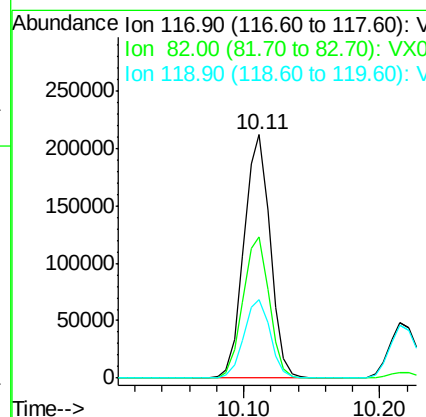
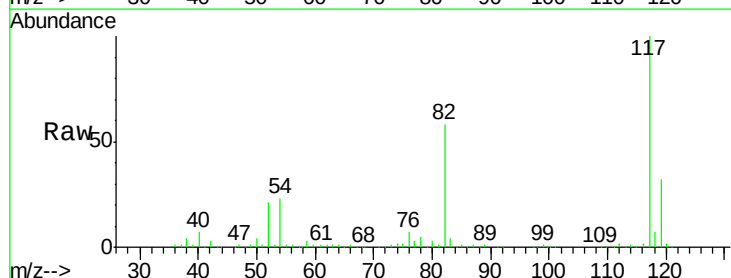
Tgt Ion: 117 Resp: 285960

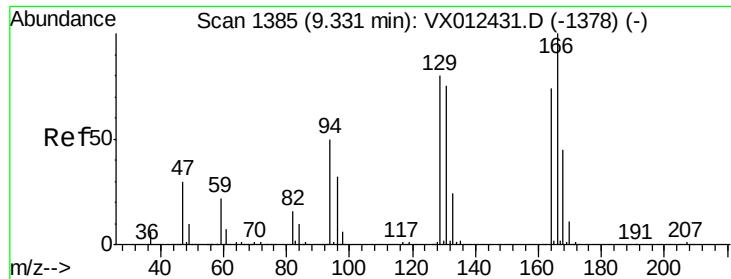
Ion Ratio Lower Upper

117 100

82 57.8 45.9 68.9

119 32.2 25.3 37.9





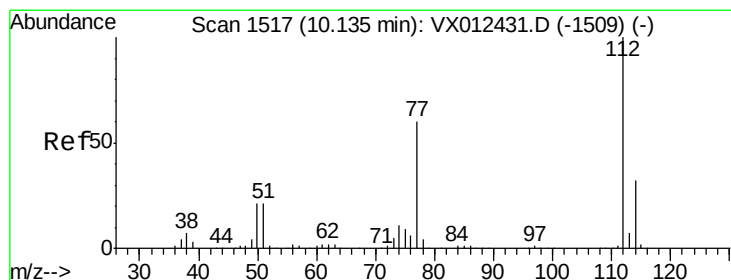
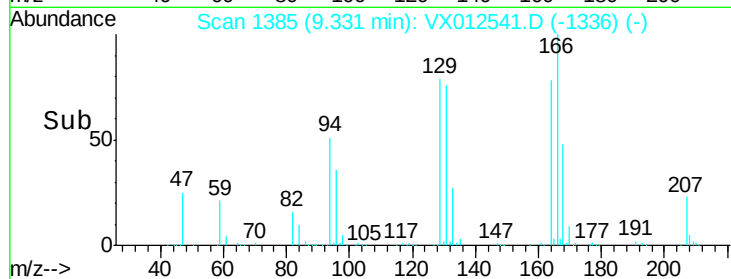
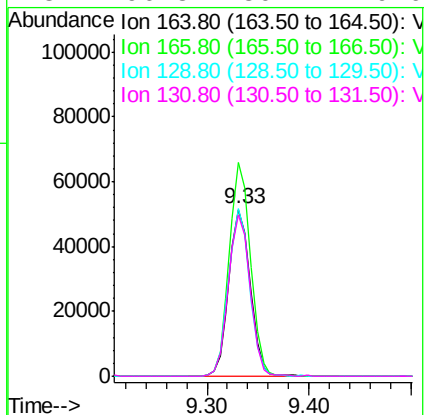
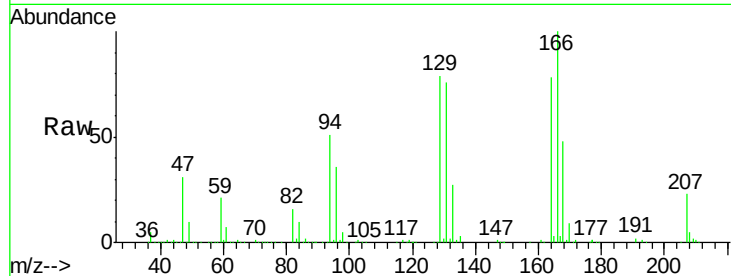
#64
Tetrachloroethene
Concen: 57.178 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.3	107.8	161.6
129	100.9	86.2	129.2
131	96.8	80.4	120.6

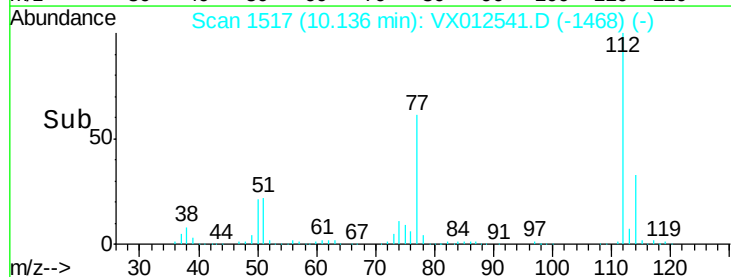
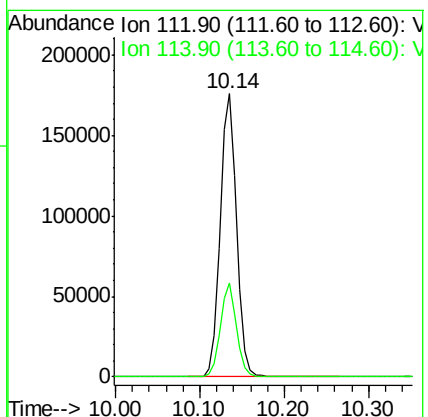
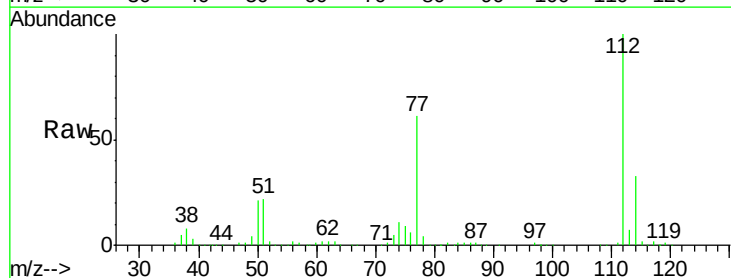
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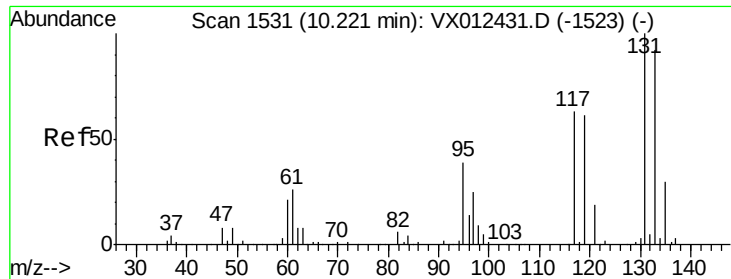
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#65
Chlorobenzene
Concen: 50.142 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.4	38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 52.291 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion:131 Resp: 102429

Ion Ratio Lower Upper

131 100

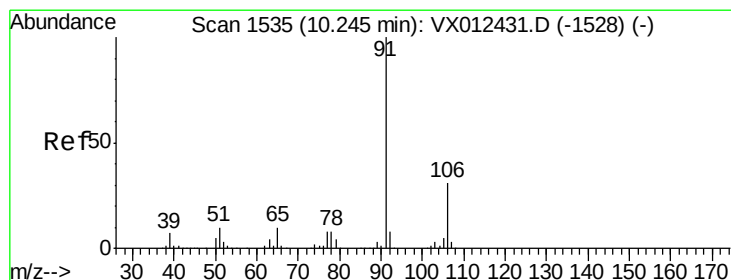
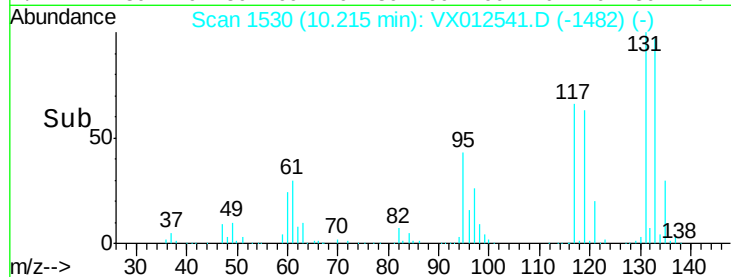
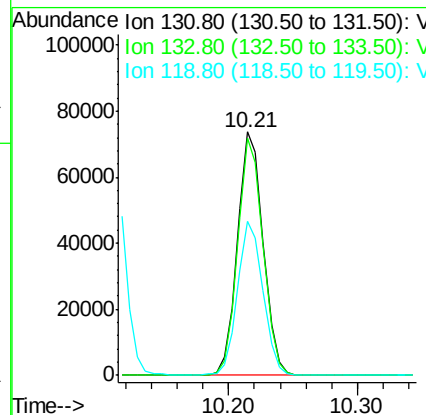
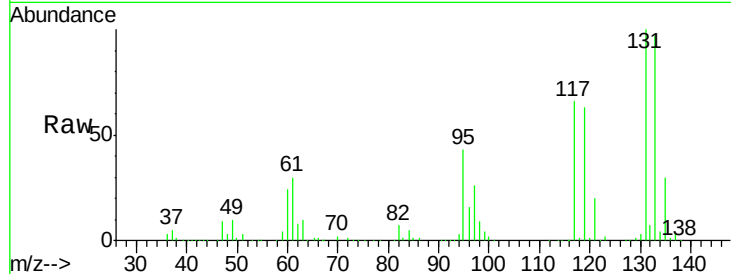
133 95.5 47.6 142.9

119 62.6 31.3 93.8

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#67

Ethyl Benzene

Concen: 51.673 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012541.D

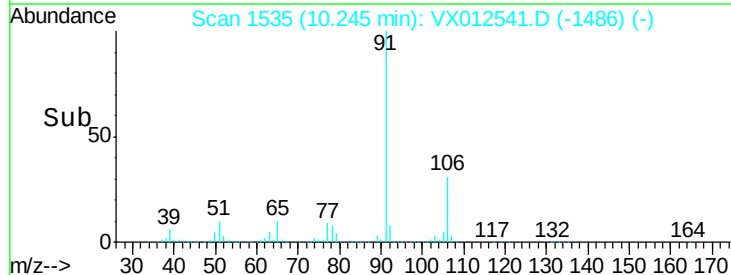
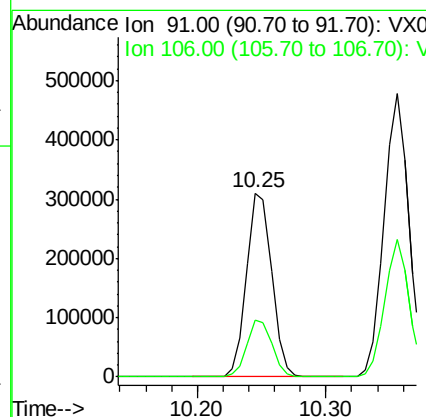
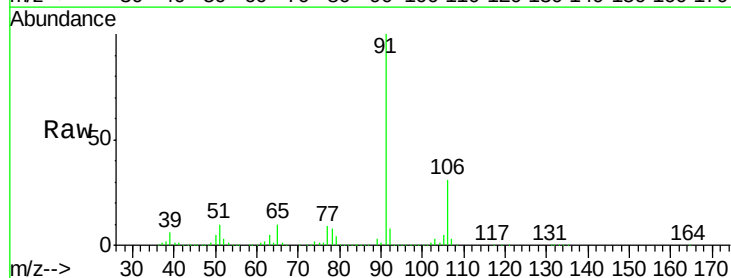
Acq: 19 Sep 2019 20:14

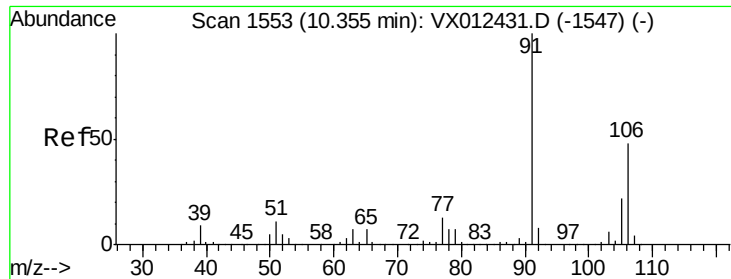
Tgt Ion: 91 Resp: 419005

Ion Ratio Lower Upper

91 100

106 30.6 24.6 37.0





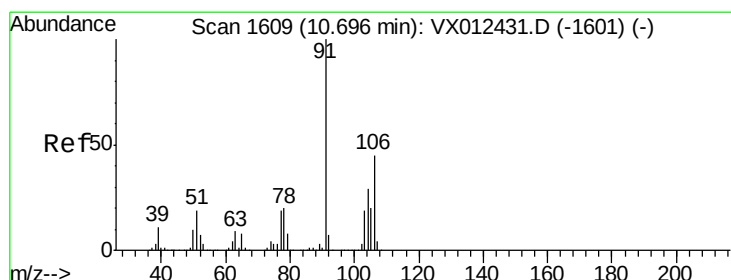
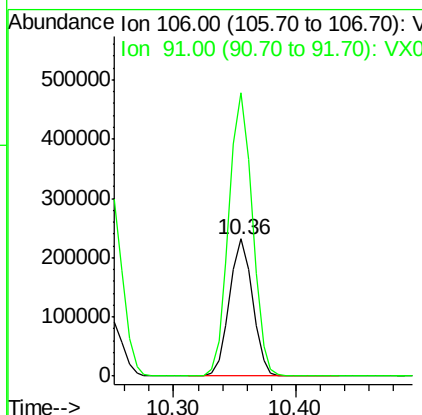
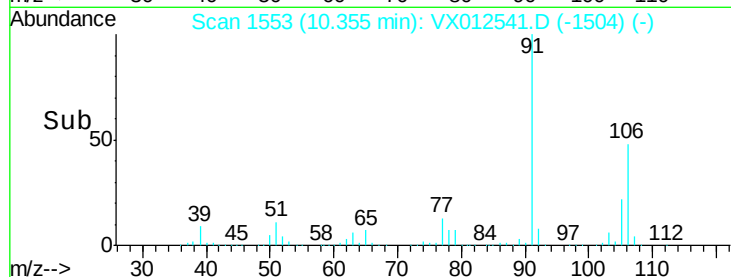
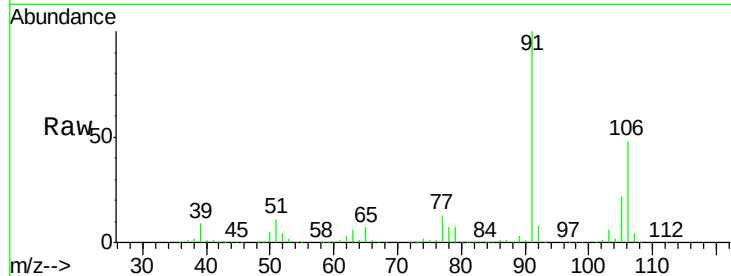
#68
m/p-Xylenes
Concen: 102.724 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampled :
MW2-R2-1MS

Tot Ion:106 Resp: 303076
Ion Ratio Lower Upper
106 100
91 209.6 166.6 250.0

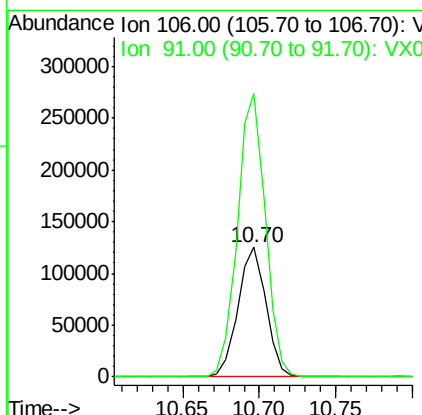
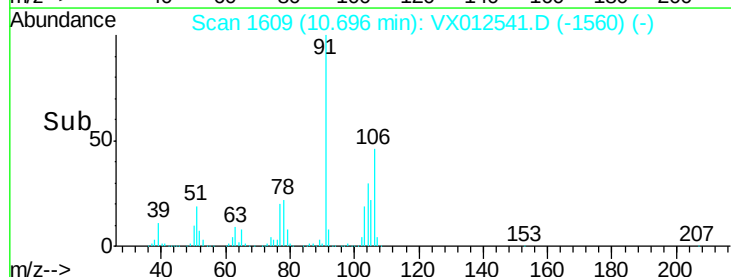
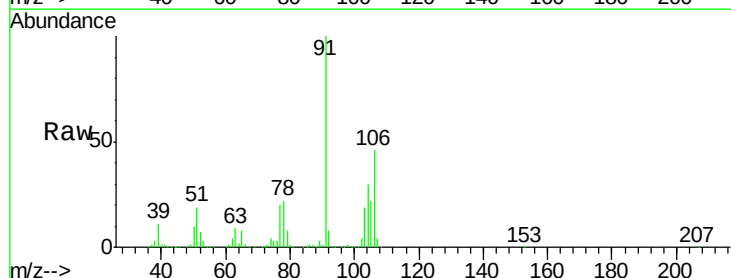
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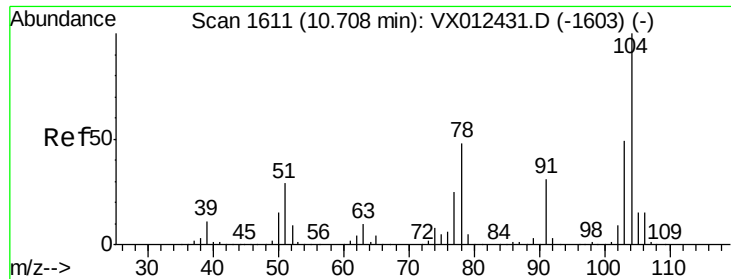
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#69
o-Xylene
Concen: 52.281 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion:106 Resp: 158631
Ion Ratio Lower Upper
106 100
91 217.9 109.4 328.2





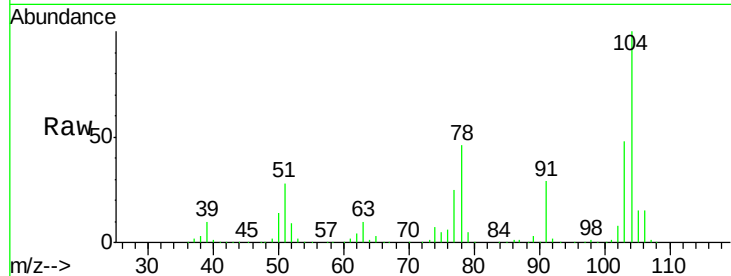
#70
Stvrene
Concen: 52.190 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.4	65.2
103	53.3	43.3	64.9

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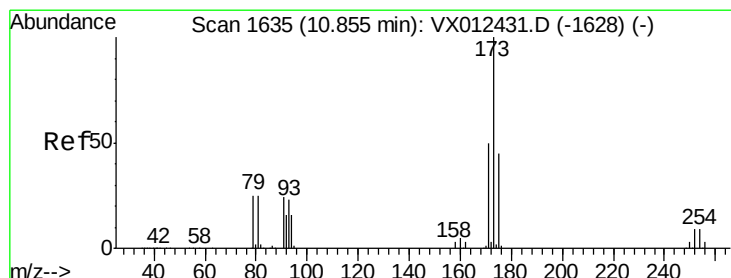
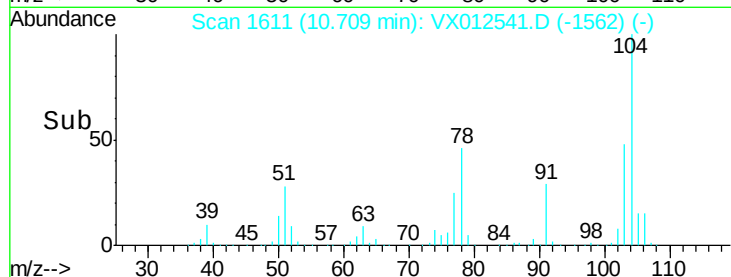
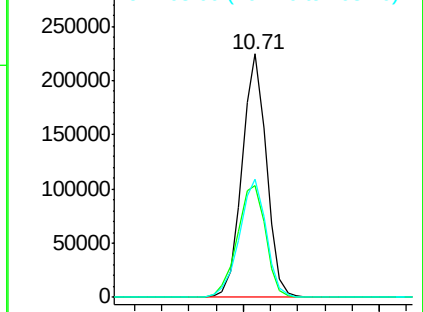


Abundance

Ion 104.00 (103.70 to 104.70): V

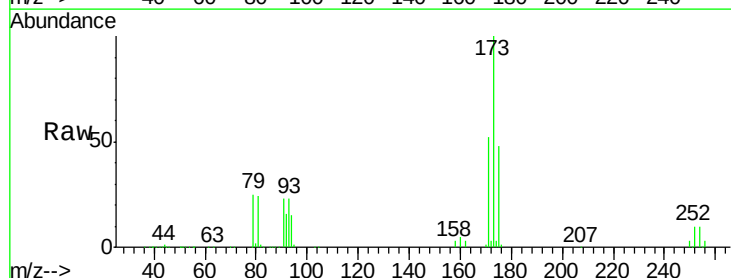
Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71
Bromoform
Concen: 46.972 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.7	71.1
254	0.2	0.1	0.1#

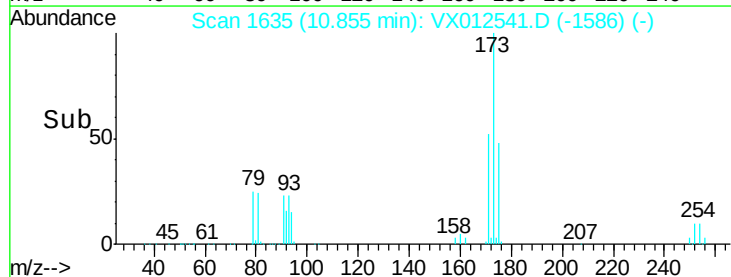
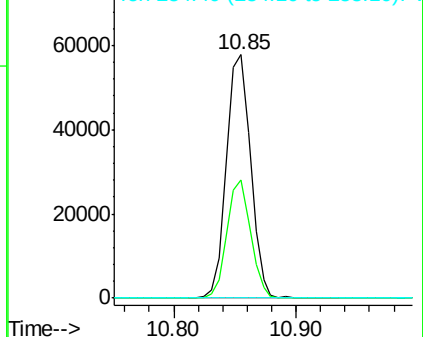


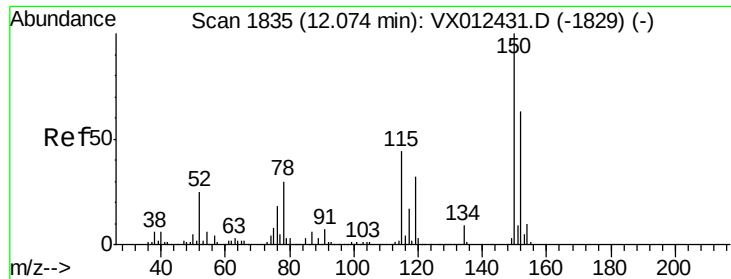
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

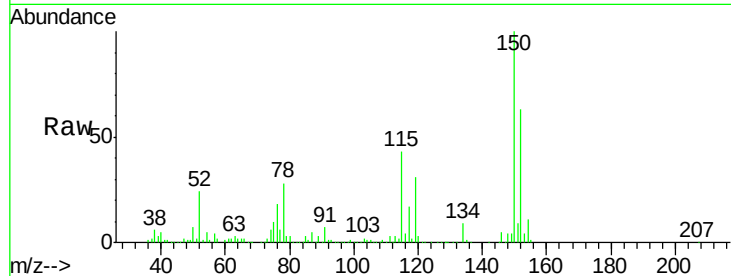
ClientSampleId :

MW2-R2-1MS

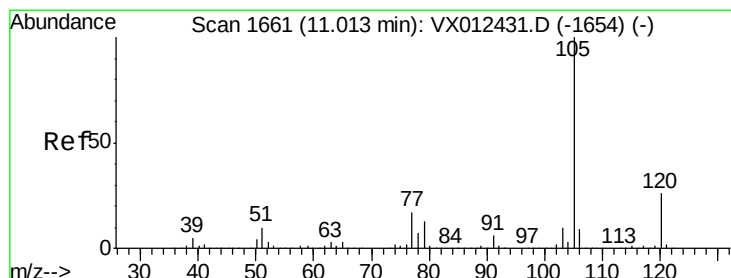
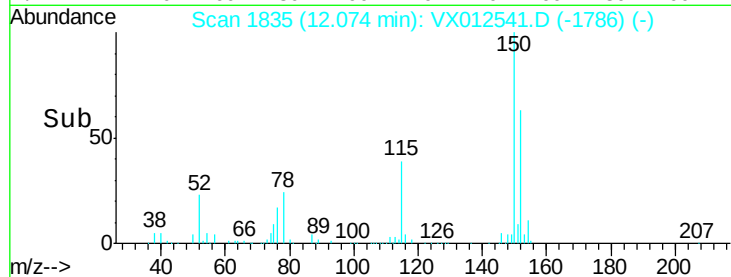
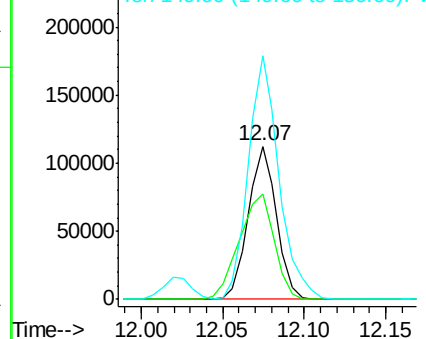
Tot Ion:	152	Resp:	135013
Ion Ratio	Lower	Upper	
152	100		
115	85.6	44.1	132.3
150	173.7	0.0	343.8

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



#73

Isopropylbenzene

Concen: 51.777 ug/l

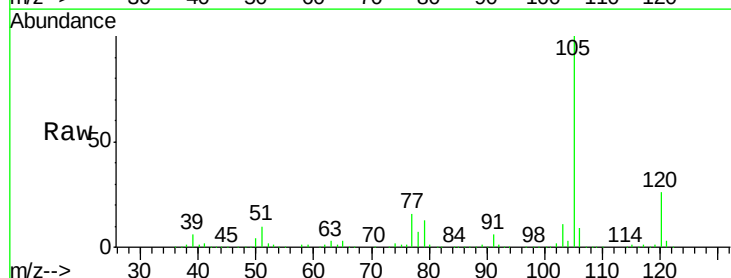
RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

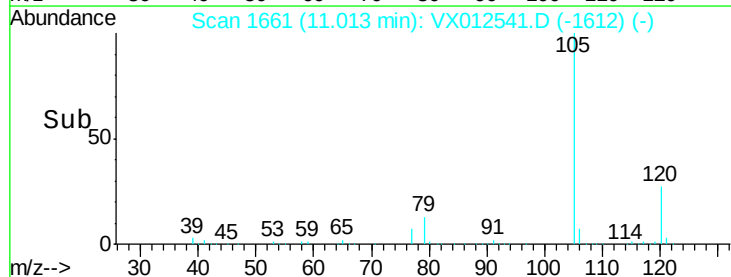
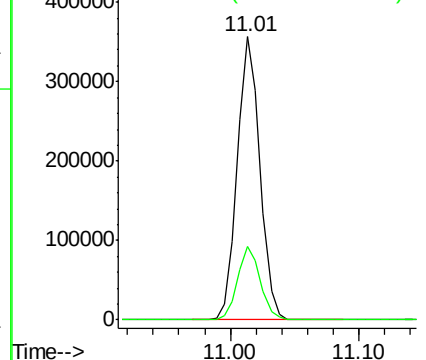
Lab File: VX012541.D

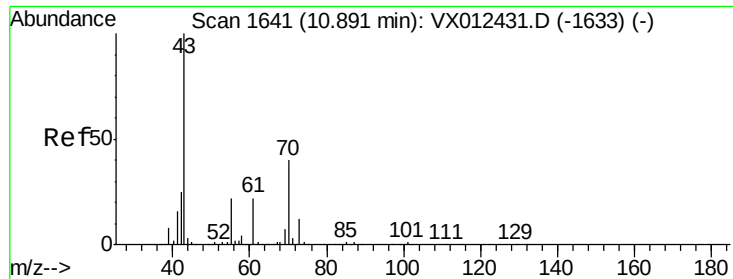
Acq: 19 Sep 2019 20:14

Tgt Ion:	105	Resp:	438615
Ion Ratio	Lower	Upper	
105	100		
120	25.9	12.9	38.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





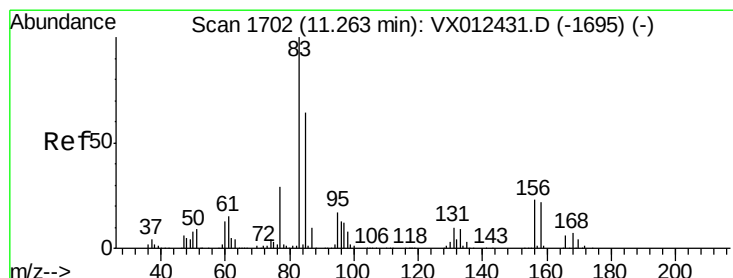
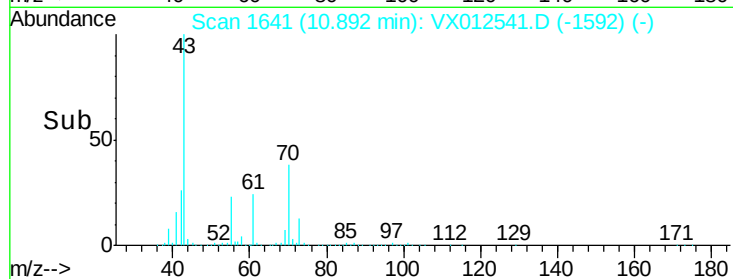
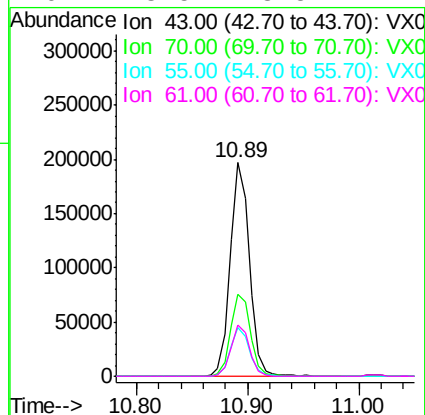
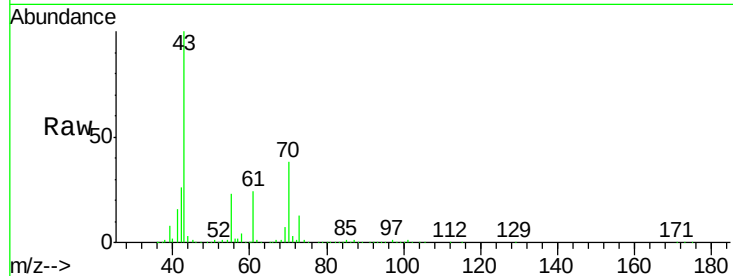
#74
N-amvl acetate
Concen: 51.230 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	39.8	32.4	48.6	
55	23.0	18.2	27.4	
61	23.5	18.5	27.7	

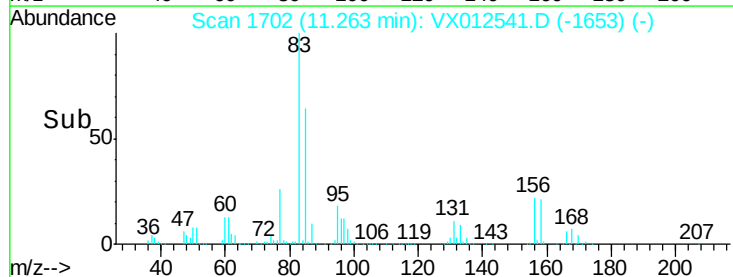
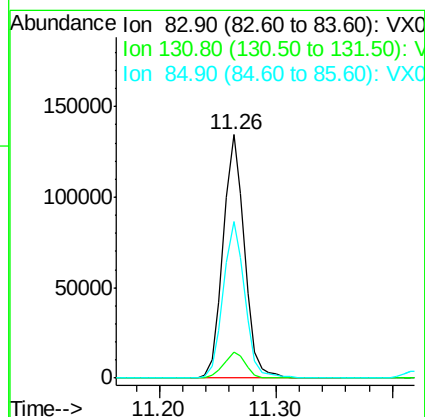
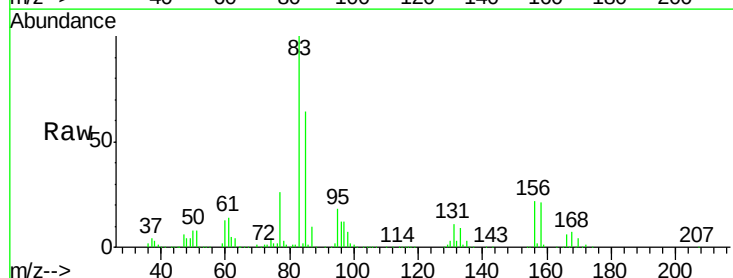
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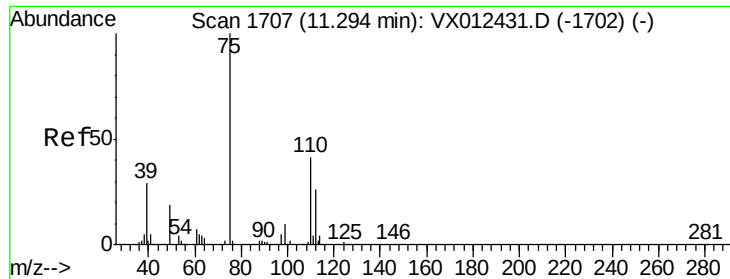
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#75
1,1,2,2-Tetrachloroethane
Concen: 51.138 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.8	5.2	15.6	
85	64.9	32.0	96.0	





#76

1,2,3-Trichloropropane

Concen: 45.090 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion: 75 Resp: 139840

Ion Ratio Lower Upper

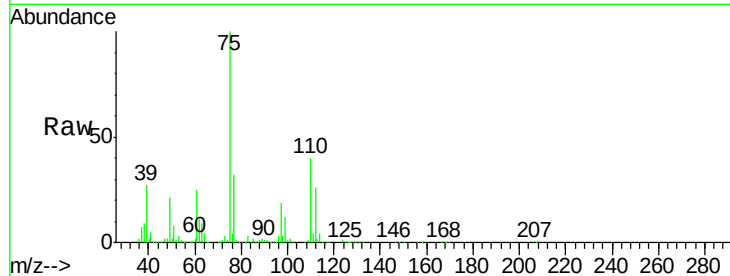
75 100

77 44.4 19.7 59.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

150000

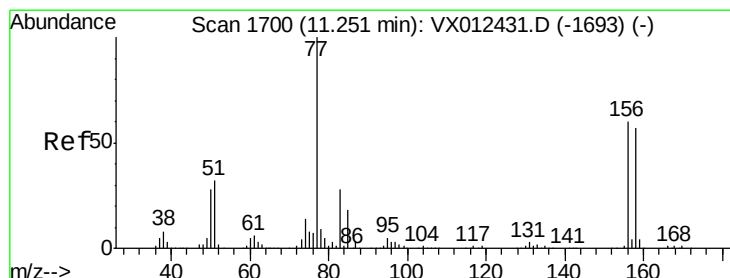
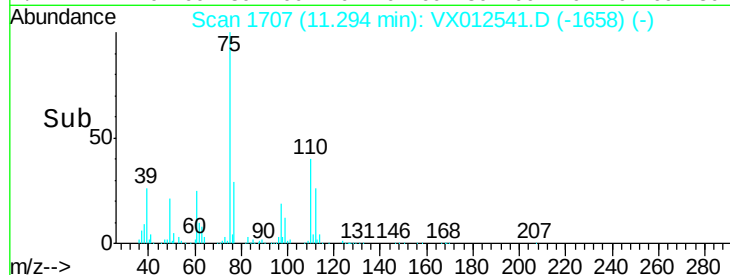
100000

50000

0

11.26 11.28 11.30

Time-->



#77

Bromobenzene

Concen: 51.434 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

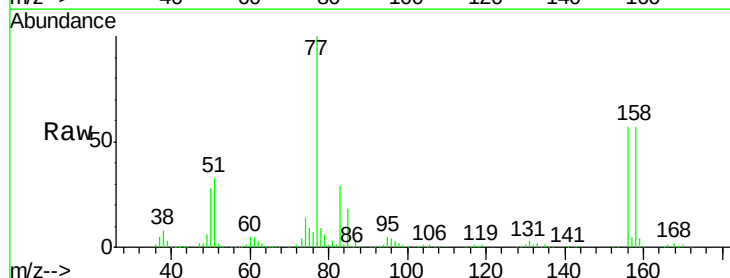
Tgt Ion: 156 Resp: 106261

Ion Ratio Lower Upper

156 100

77 175.6 87.3 261.8

158 99.1 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

200000

150000

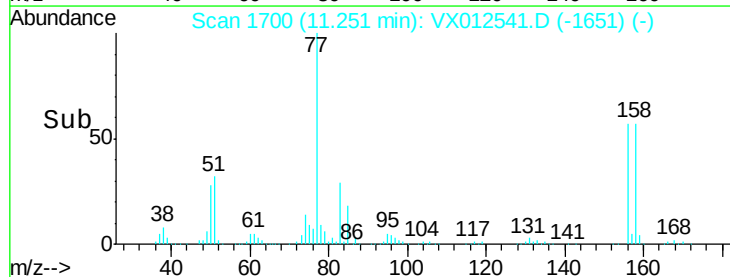
100000

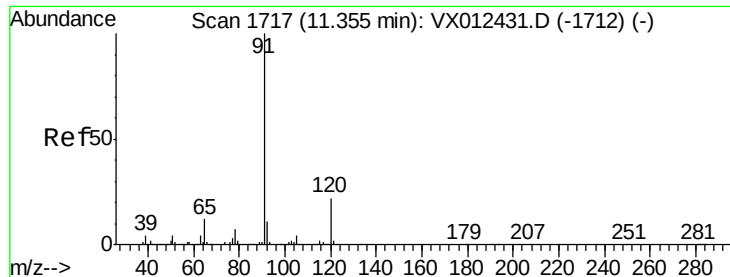
50000

0

11.20 11.30

Time-->





#78

n-propylbenzene

Concen: 51.262 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion: 91 Resp: 483996

Ion Ratio Lower Upper

91 100

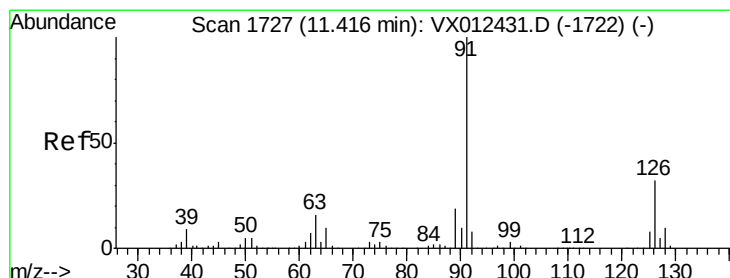
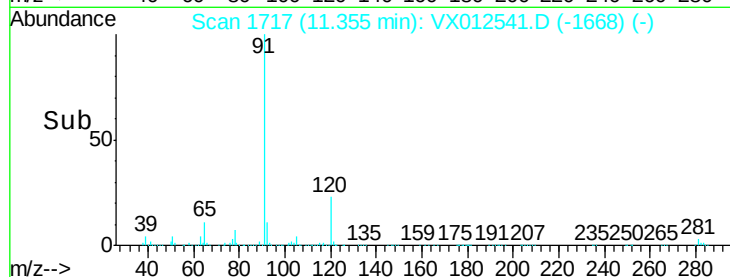
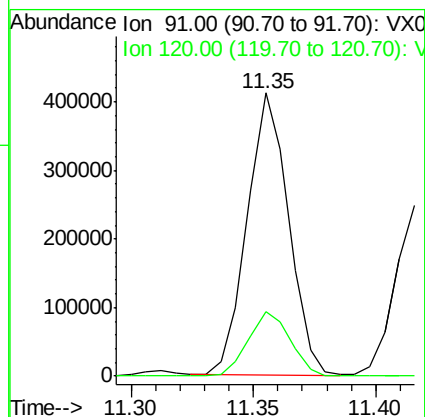
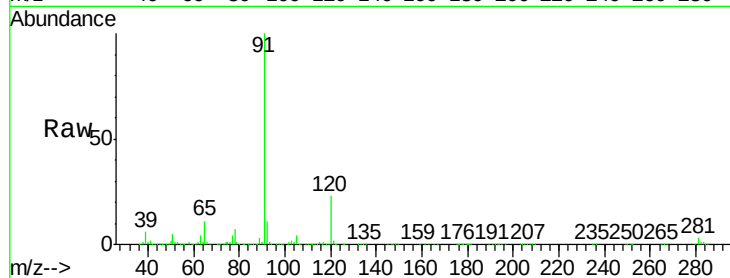
120 23.2 11.3 33.8

Manual Integrations

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#79

2-Chlorotoluene

Concen: 49.888 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012541.D

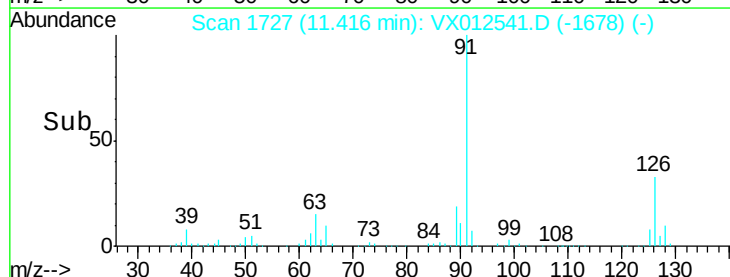
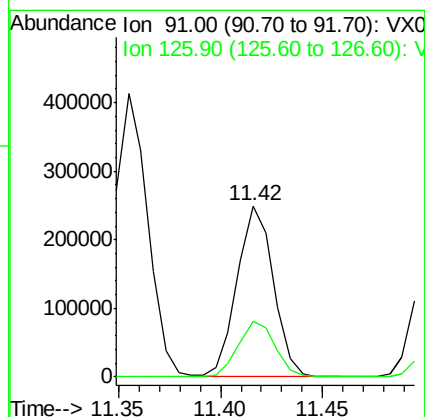
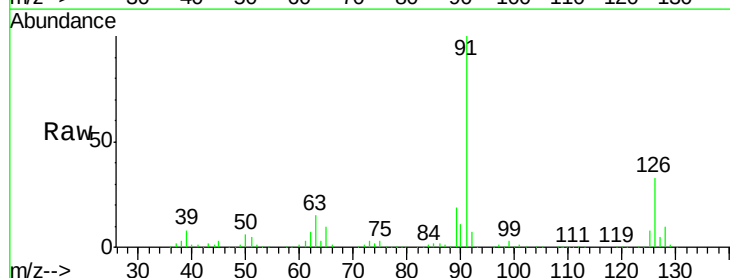
Acq: 19 Sep 2019 20:14

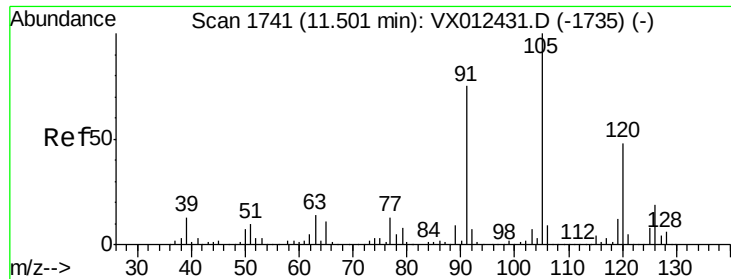
Tgt Ion: 91 Resp: 306425

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.4





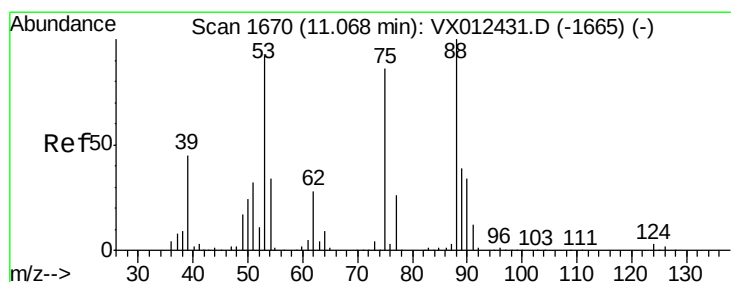
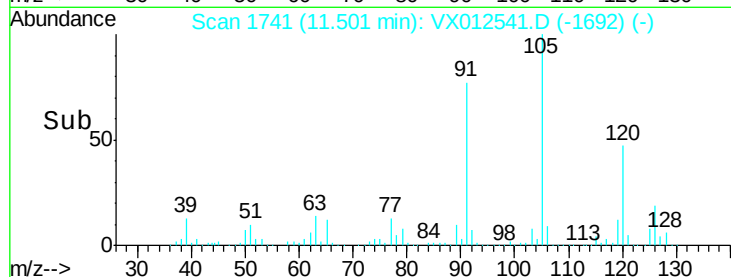
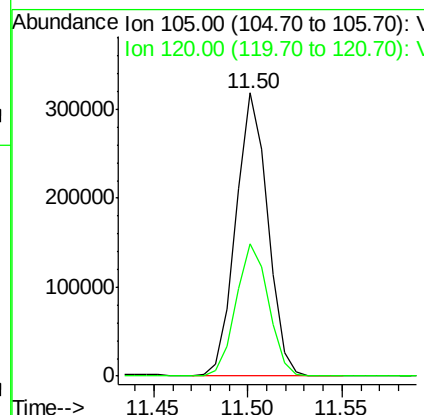
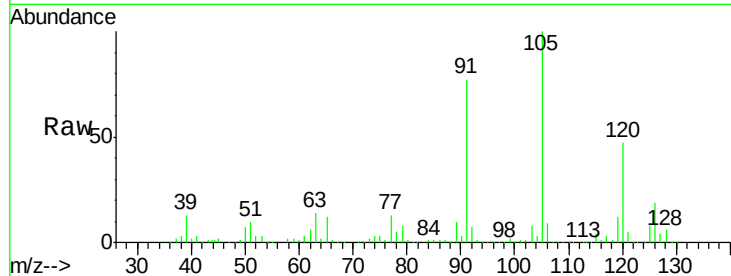
#80
 1,3,5-Trimethylbenzene
 Concen: 51.720 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Tot Ion:105 Resp: 373660
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8

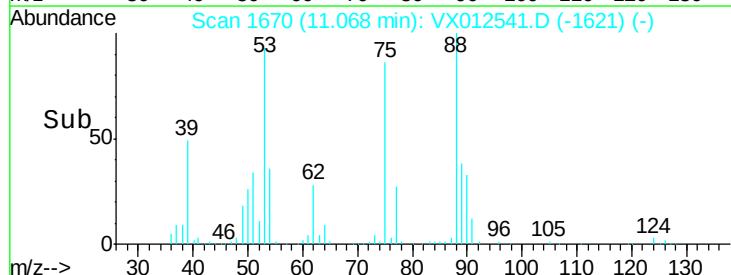
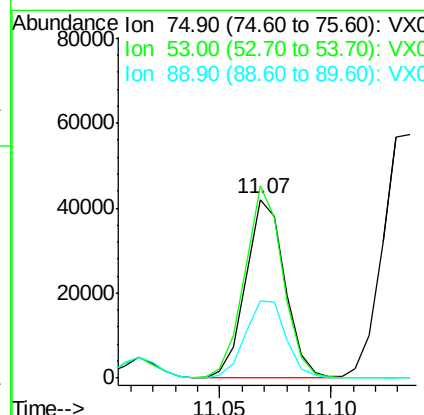
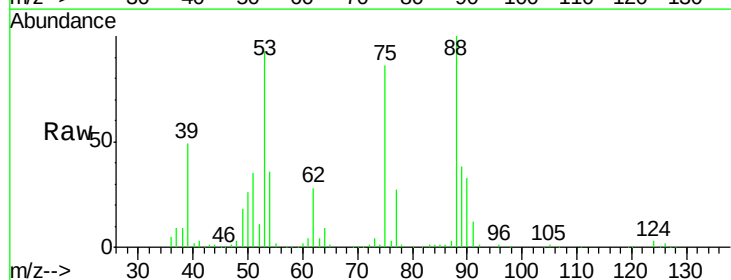
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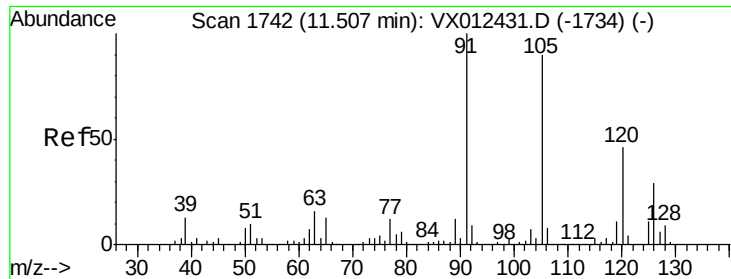
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.689 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion: 75 Resp: 51292
 Ion Ratio Lower Upper
 75 100
 53 105.6 83.6 125.4
 89 45.5 36.3 54.5





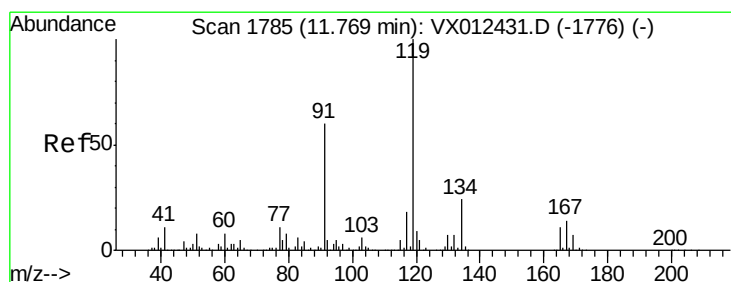
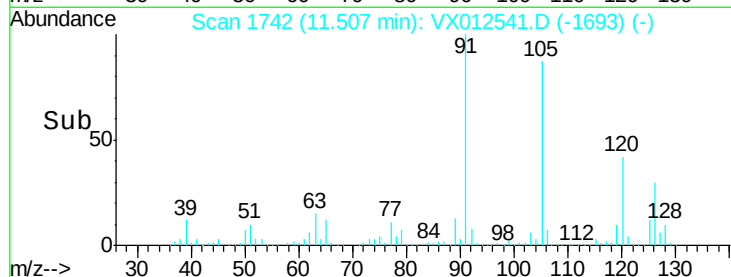
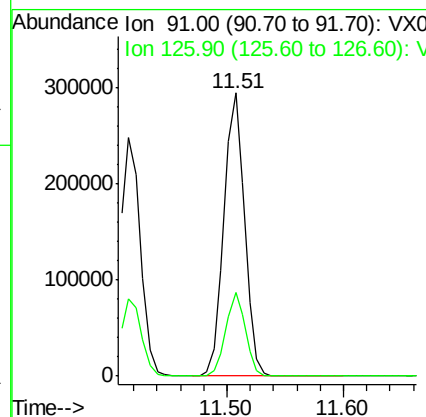
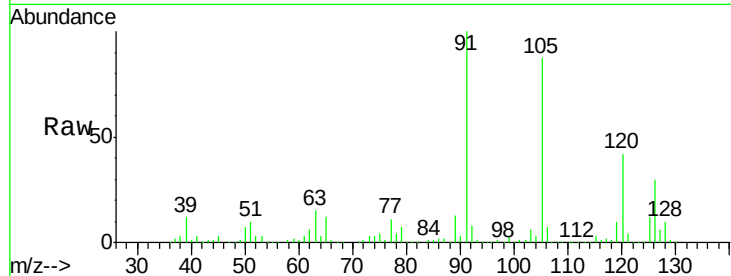
#82
4-Chlorotoluene
Concen: 51.013 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion: 91 Resp: 359616
Ion Ratio Lower Upper
91 100
126 28.1 14.4 43.0

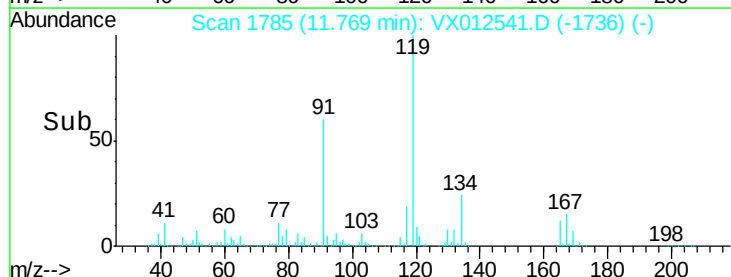
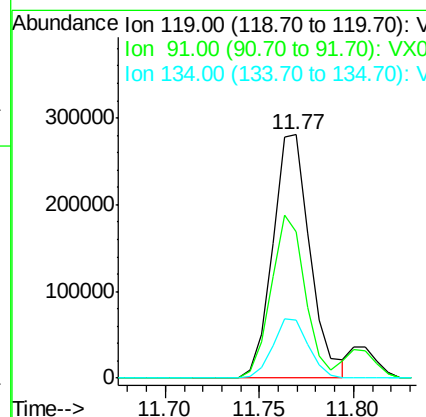
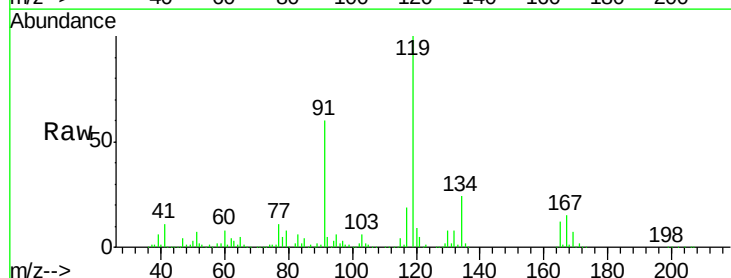
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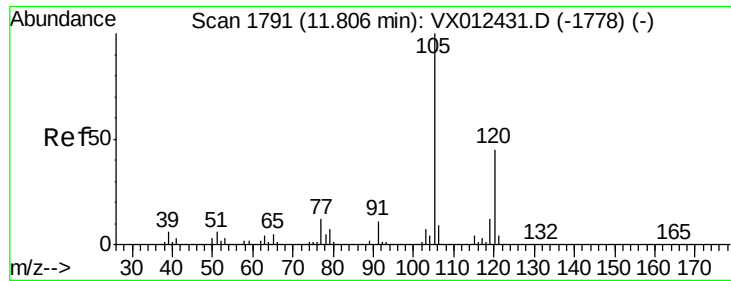
MMDadoda
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#83
tert-Butylbenzene
Concen: 49.825 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion: 119 Resp: 385721
Ion Ratio Lower Upper
119 100
91 61.0 30.0 90.0
134 23.2 11.3 33.9





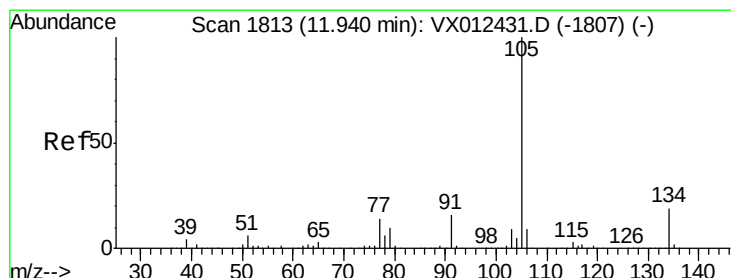
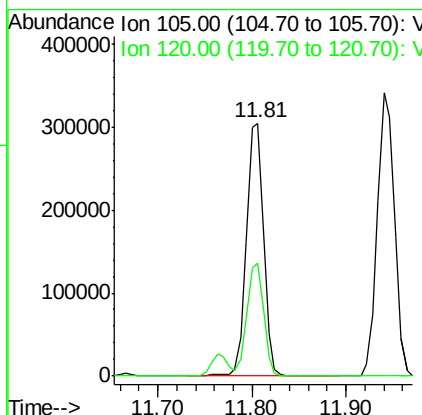
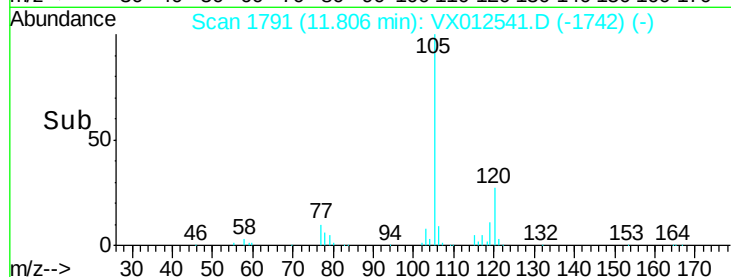
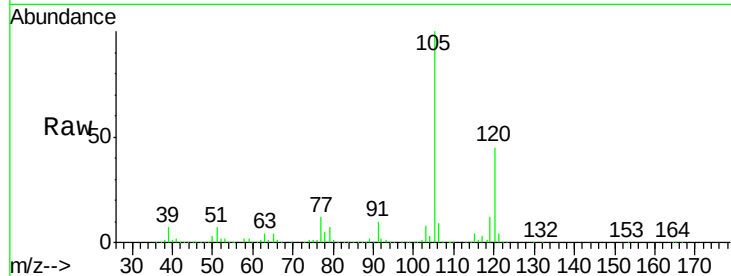
#84
 1,2,4-Trimethylbenzene
 Concen: 52.144 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	386807		
120	43.5	22.2	66.6	

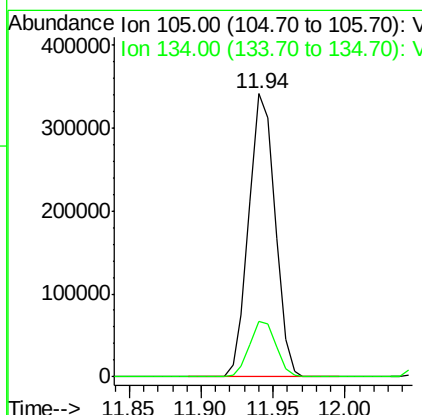
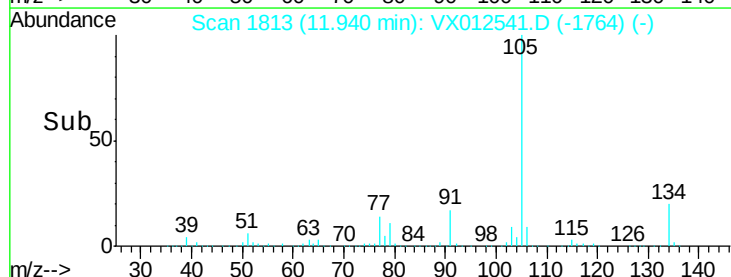
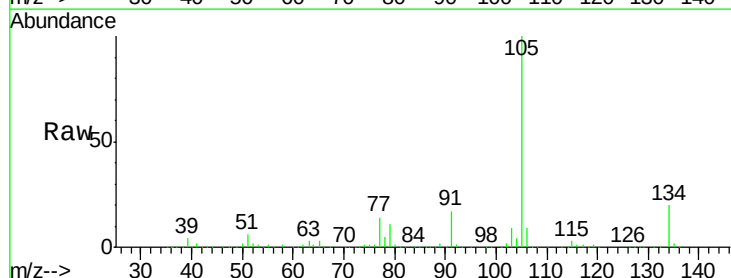
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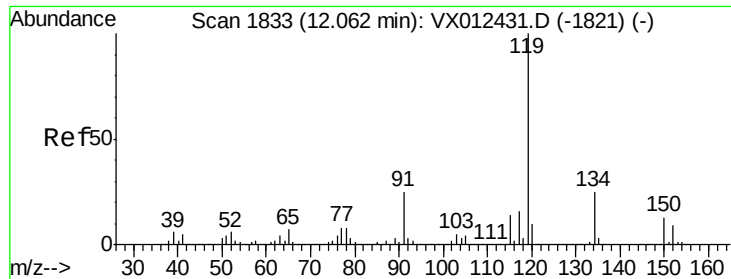
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#85
 sec-Butylbenzene
 Concen: 50.347 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	429485		
134	19.9	9.8	29.4	





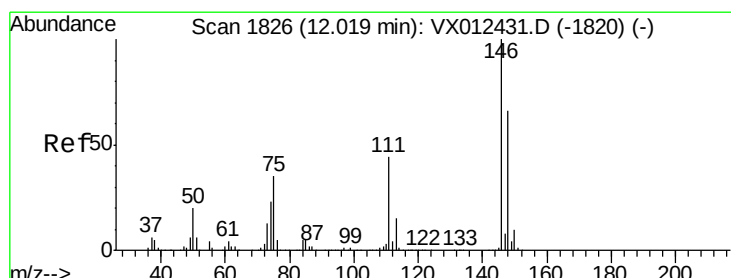
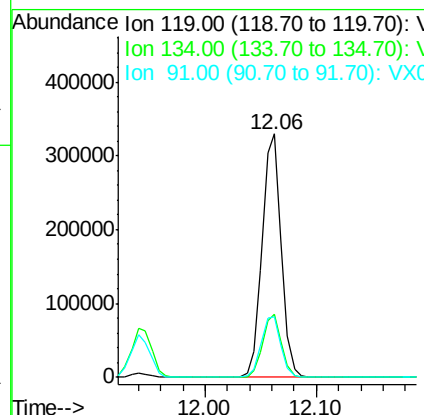
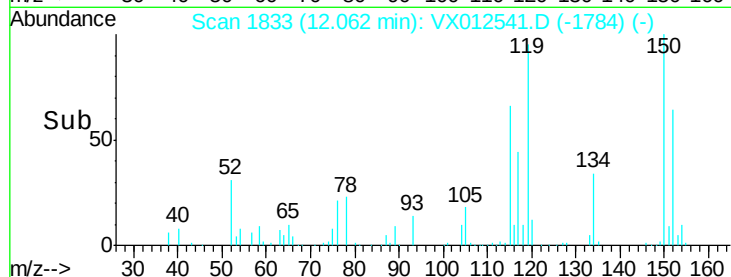
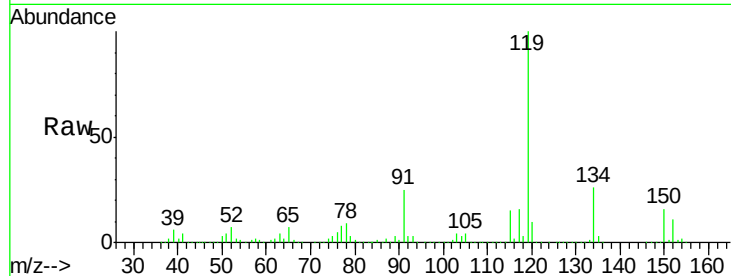
#86
 p-Isopropyltoluene
 Concen: 50.335 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	394287		
134	25.7	12.7	38.1	
91	25.7	12.8	38.4	

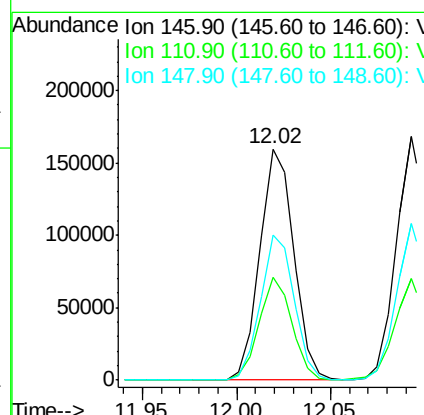
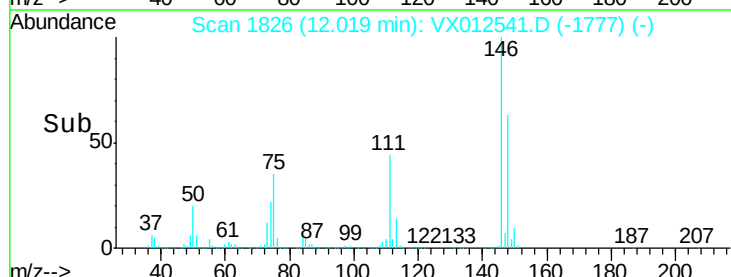
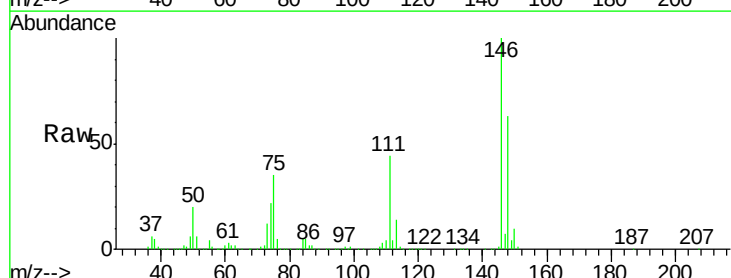
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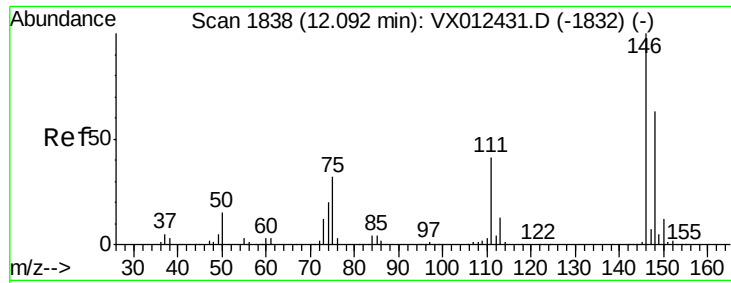
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 51.362 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199607		
111	43.0	21.3	64.0	
148	62.5	32.4	97.2	





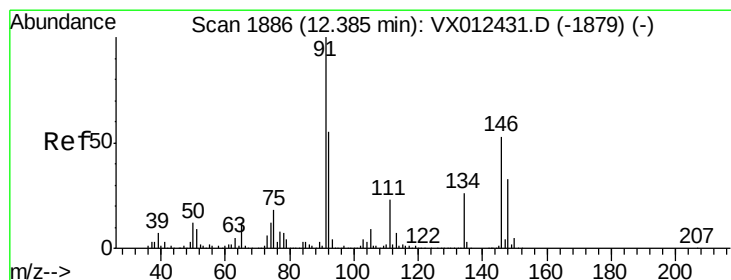
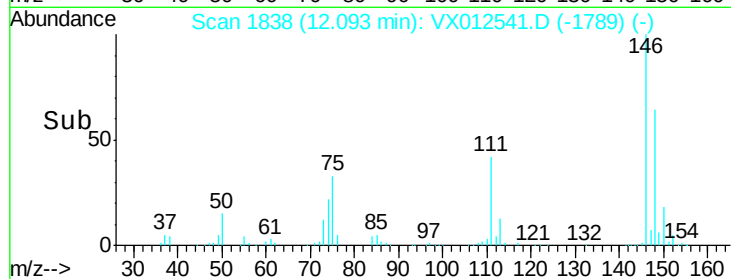
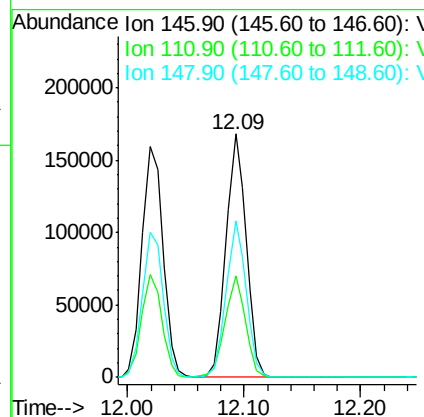
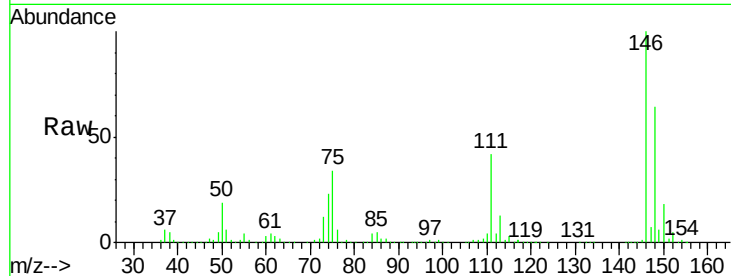
#88
 1,4-Dichlorobenzene
 Concen: 50.475 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampled :
 MW2-R2-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.3
148	63.7	32.1	96.5

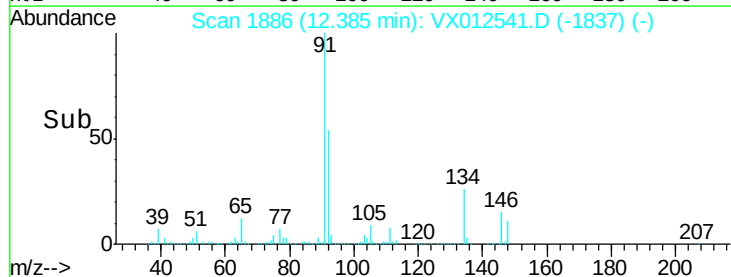
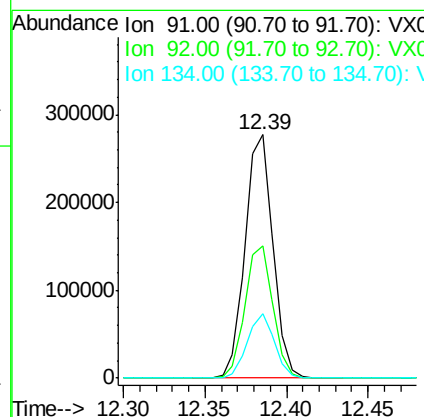
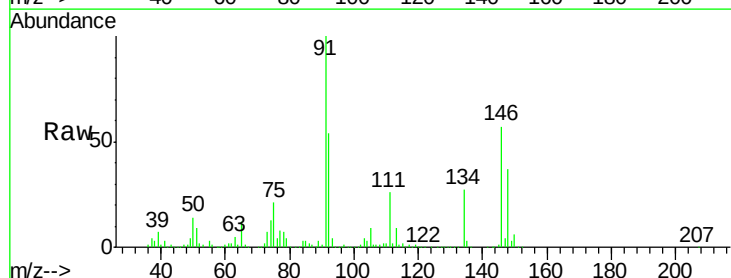
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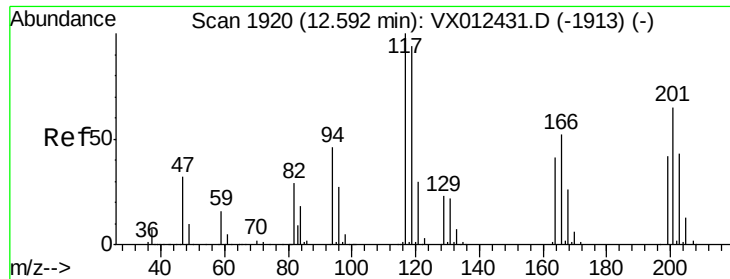
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#89
 n-Butylbenzene
 Concen: 47.147 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.7	83.0
134	26.0	12.9	38.6





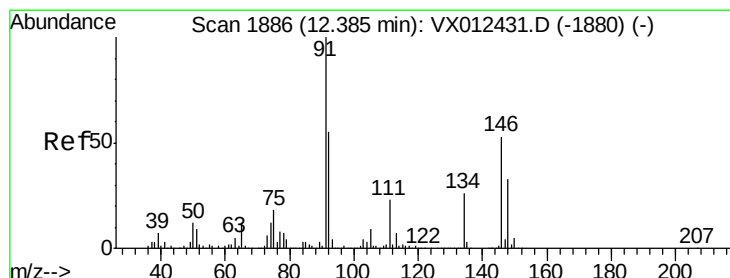
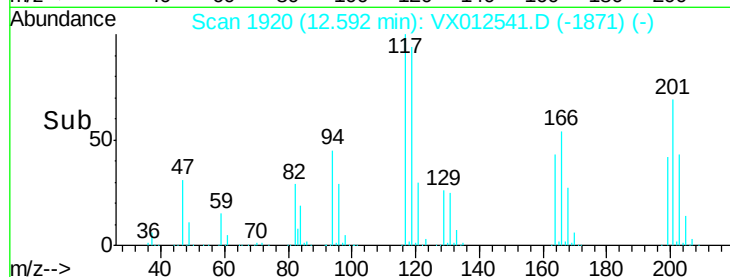
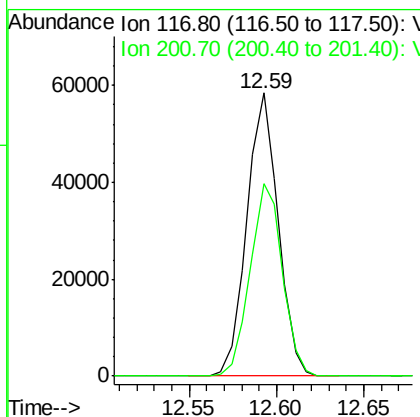
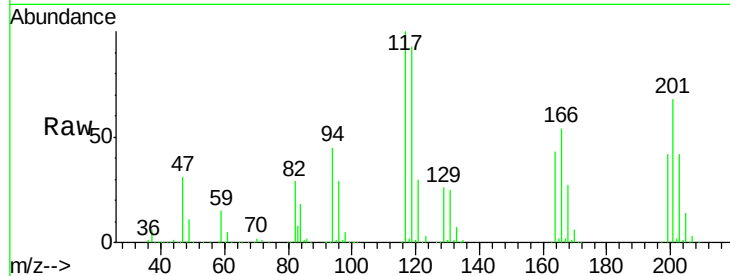
#90
Hexachloroethane
Concen: 50.621 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Tot Ion:117 Resp: 72706
Ion Ratio Lower Upper
117 100
201 70.1 33.3 99.8

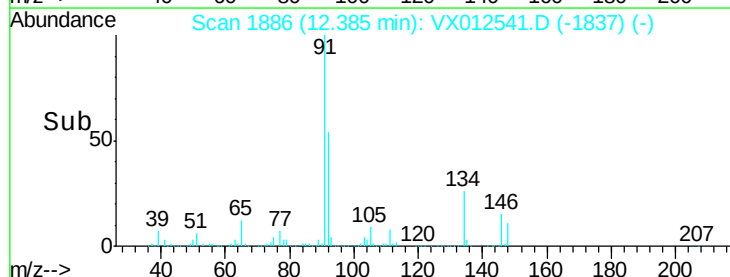
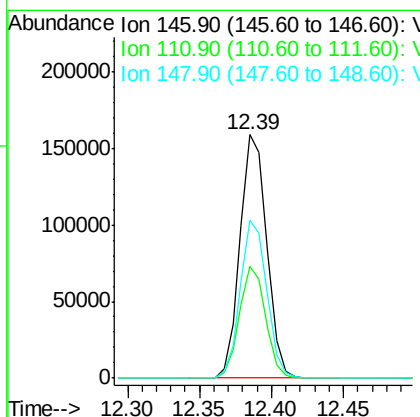
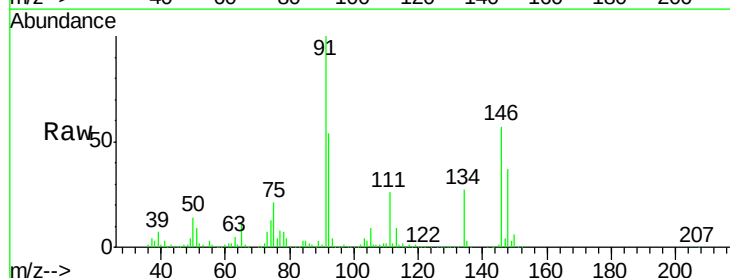
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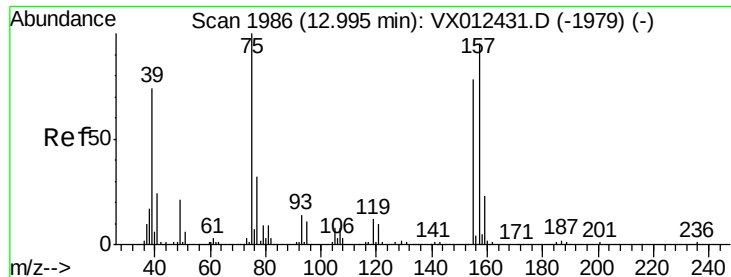
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#91
1,2-Dichlorobenzene
Concen: 50.481 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012541.D
Acq: 19 Sep 2019 20:14

Tgt Ion:146 Resp: 205048
Ion Ratio Lower Upper
146 100
111 44.8 22.1 66.1
148 64.3 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.139 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MS

Tot Ion: 75 Resp: 46642

Ion Ratio Lower Upper

75 100

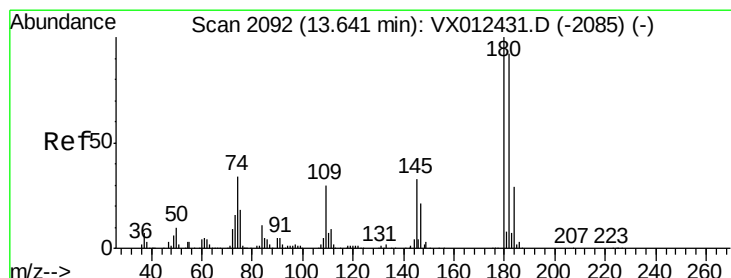
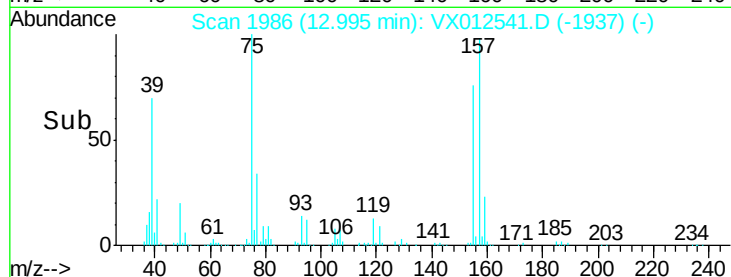
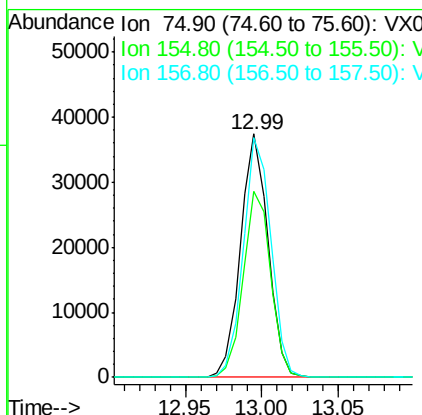
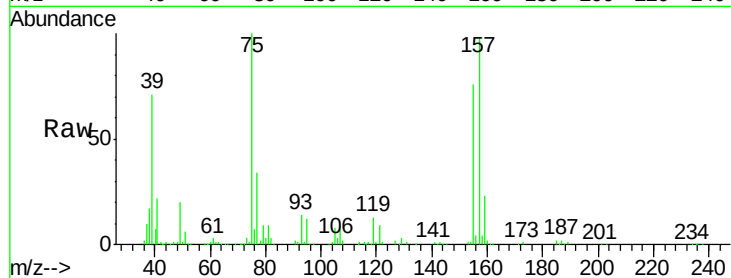
155 76.0 38.6 115.8

157 98.8 50.6 151.9

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#93

1,2,4-Trichlorobenzene

Concen: 50.473 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

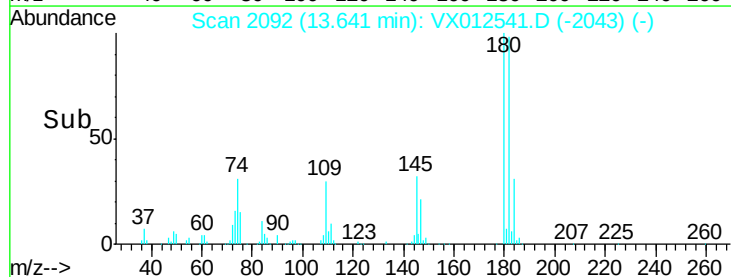
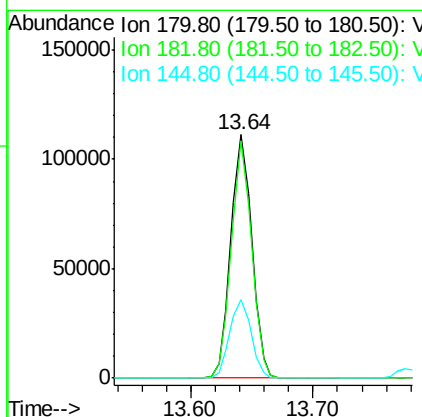
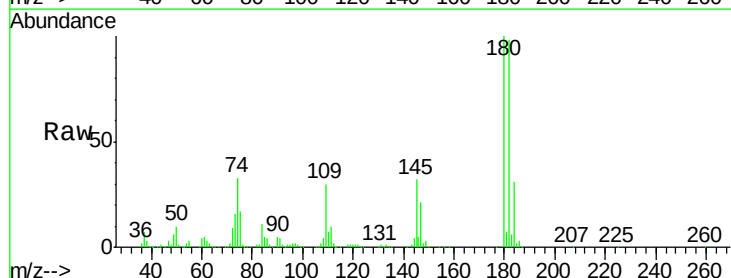
Tgt Ion: 180 Resp: 132055

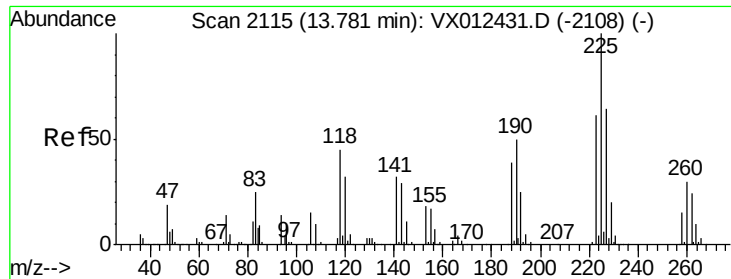
Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.0

145 32.9 16.8 50.4





#94

Hexachlorobutadiene

Concen: 42.222 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Instrument :

MSVOA_X

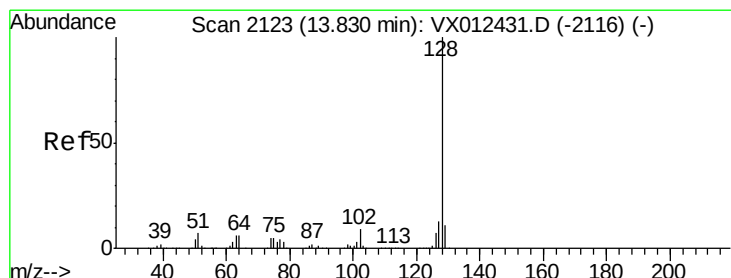
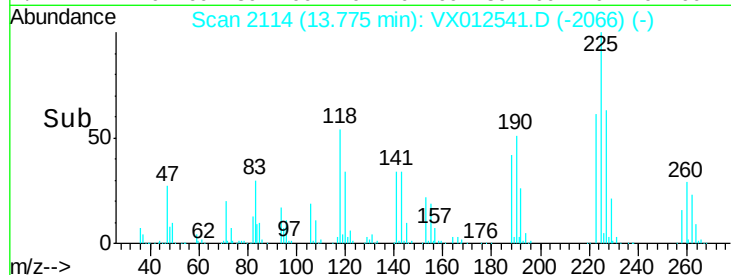
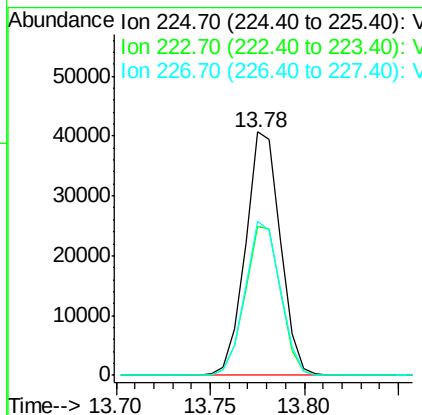
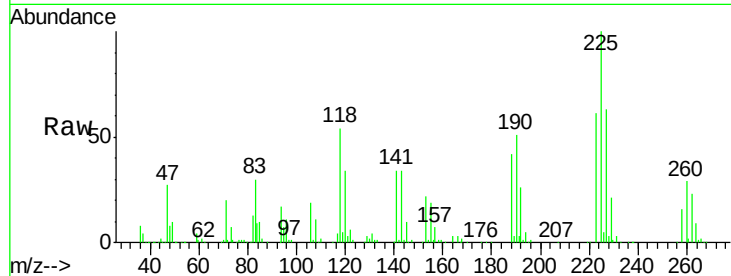
ClientSampleId :

MW2-R2-1MS

Tot Ion:	225	Resp:	52065
Ion Ratio	Lower	Upper	
225	100		
223	62.7	32.0	96.2
227	63.8	31.9	95.5

Manual Integrations
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#95

Naphthalene

Concen: 53.755 ug/l

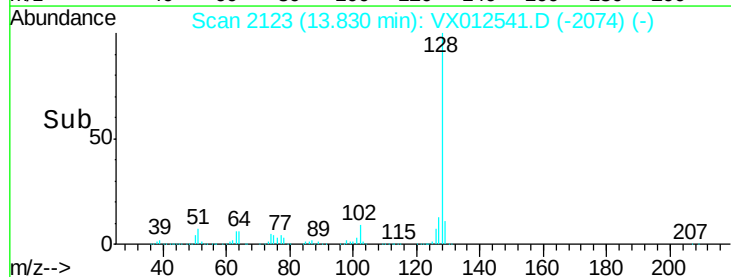
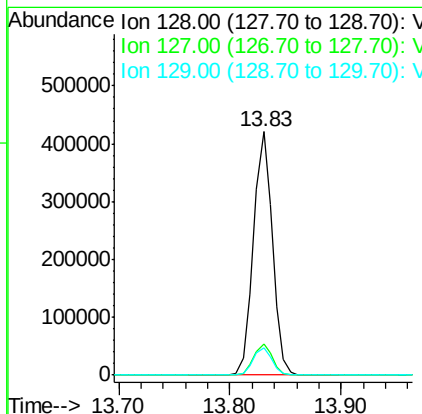
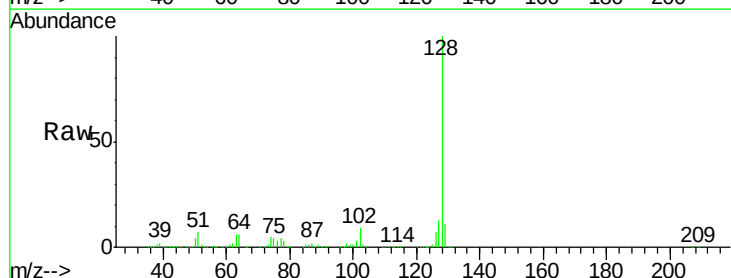
RT: 13.83 min Scan# 2123

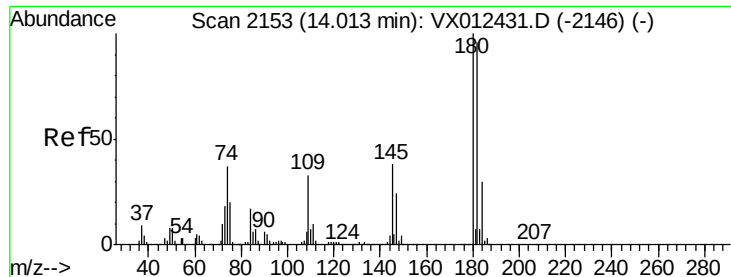
Delta R.T. 0.00 min

Lab File: VX012541.D

Acq: 19 Sep 2019 20:14

Tgt Ion:	128	Resp:	500429
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.1	8.8	13.2





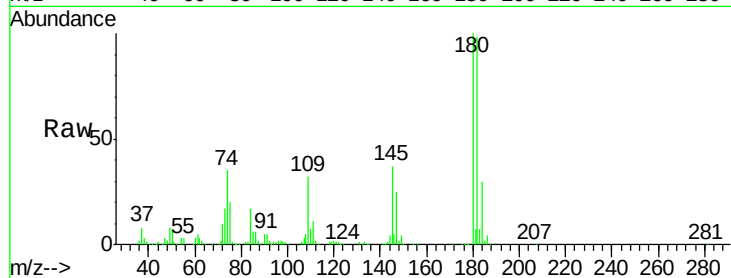
#96
 1,2,3-Trichlorobenzene
 Concen: 51.346 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012541.D
 Acq: 19 Sep 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	47.1	141.3
145	35.8	18.0	54.0

Manual Integrations
 APPROVED

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 9/20/2019 10:46:11 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

