

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015788.D
 Acq On : 21 Apr 2020 12:48
 Operator : JC/SP
 Sample : VX0421WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:02:15 AM

Quant Time: Apr 21 16:31:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1009652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1485382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1356287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	740765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	656113	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
35) Dibromofluoromethane	5.47	113	515410	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
50) Toluene-d8	8.70	98	1910547	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
62) 4-Bromofluorobenzene	11.12	95	768662	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	135679	15.253	ug/l	100
3) Chloromethane	1.31	50	144605	12.765	ug/l	98
4) Vinyl Chloride	1.39	62	174693	16.795	ug/l	97
5) Bromomethane	1.63	94	75053	9.025	ug/l	99
6) Chloroethane	1.71	64	111250	17.245	ug/l	98
7) Trichlorofluoromethane	1.92	101	251372	18.020	ug/l	100
8) Diethyl Ether	2.17	74	104412	17.746	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	170154	18.711	ug/l	97
10) Methyl Iodide	2.49	142	112965	9.214	ug/l	97
11) Tert butyl alcohol	3.01	59	225335	66.111	ug/l	98
12) 1,1-Dichloroethene	2.36	96	165985	17.413	ug/l	93
13) Acrolein	2.27	56	173416	89.316	ug/l	98
14) Allyl chloride	2.70	41	351542	15.783	ug/l	98
15) Acrylonitrile	3.11	53	557185	85.719	ug/l	99
16) Acetone	2.42	43	630217	103.013	ug/l	97
17) Carbon Disulfide	2.55	76	466823	16.054	ug/l	98
18) Methyl Acetate	2.75	43	271405	17.382	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	646672	17.492	ug/l	98
20) Methylene Chloride	2.83	84	192838	16.875	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	178738	16.896	ug/l	97
22) Diisopropyl ether	3.83	45	704749	17.857	ug/l	91
23) Vinyl Acetate	3.78	43	3056925	85.547	ug/l	100
24) 1,1-Dichloroethane	3.67	63	353938	17.033	ug/l	99
25) 2-Butanone	4.63	43	834196	84.786	ug/l	100
26) 2,2-Dichloropropane	4.55	77	314964	18.466	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	216141	17.660	ug/l	98
28) Bromochloromethane	4.98	49	170017	17.136	ug/l	95
29) Tetrahydrofuran	5.09	42	499335	78.945	ug/l	98
30) Chloroform	5.18	83	345356	17.274	ug/l	94
31) Cyclohexane	5.55	56	309710	17.181	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	308223	17.036	ug/l	99
36) 1,1-Dichloropropene	5.77	75	256114	18.713	ug/l	97
37) Ethyl Acetate	4.79	43	310186	17.406	ug/l	99
38) Carbon Tetrachloride	5.76	117	265402	17.904	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	304449	19.293	ug/l	94
40) Benzene	6.11	78	769469	19.193	ug/l	97
41) Methacrylonitrile	5.00	41	177838	17.977	ug/l	98
42) 1,2-Dichloroethane	6.16	62	292160	18.143	ug/l	99
43) Isopropyl Acetate	6.41	43	526337	17.496	ug/l	98
44) Trichloroethene	7.19	130	213585	19.535	ug/l	97
45) 1,2-Dichloropropane	7.49	63	205946	18.778	ug/l	96
46) Dibromomethane	7.64	93	131369	18.260	ug/l	94
47) Bromodichloromethane	7.87	83	277710	18.116	ug/l	98
48) Methyl methacrylate	7.75	41	261363	17.394	ug/l	97
49) 1,4-Dioxane	7.72	88	86125	307.251	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1570754	92.135	ug/l	99
52) Toluene	8.76	92	487447	19.721	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	309494	17.215	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	338724	18.495	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	202127	19.960	ug/l	99
56) Ethyl methacrylate	9.16	69	324220	18.167	ug/l	97
57) 1,3-Dichloropropane	9.36	76	343776	18.842	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	734348	84.595	ug/l	99
59) 2-Hexanone	9.47	43	1180853	91.744	ug/l	98
60) Dibromochloromethane	9.56	129	220751	18.141	ug/l	98
61) 1,2-Dibromoethane	9.65	107	209589	19.034	ug/l	100
64) Tetrachloroethene	9.32	164	194734	19.025	ug/l	93
65) Chlorobenzene	10.12	112	539122	19.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	208121	19.260	ug/l	99
67) Ethyl Benzene	10.24	91	955987	19.928	ug/l	100
68) m/p-Xylenes	10.34	106	706554	39.553	ug/l	99
69) o-Xylene	10.68	106	351149	19.893	ug/l	98
70) Styrene	10.70	104	599136	19.288	ug/l	98
71) Bromoform	10.84	173	176681	17.961	ug/l #	99
73) Isopropylbenzene	11.00	105	937238	19.310	ug/l	99
74) N-amyl acetate	10.88	43	450430	16.686	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	306593	18.409	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	276640m	18.160	ug/l	
77) Bromobenzene	11.24	156	255035	19.699	ug/l	93
78) n-propylbenzene	11.34	91	1081379	19.484	ug/l	99
79) 2-Chlorotoluene	11.40	91	648636	19.068	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	798222	19.257	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	92340	14.545	ug/l	96
82) 4-Chlorotoluene	11.49	91	764338	19.166	ug/l	100
83) tert-Butylbenzene	11.76	119	812901	20.077	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	812062	19.224	ug/l	99
85) sec-Butylbenzene	11.93	105	924556	19.744	ug/l	100
86) p-Isopropyltoluene	12.05	119	880481	20.254	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	451799	19.494	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	466025	19.740	ug/l	98
89) n-Butylbenzene	12.37	91	765395	19.483	ug/l	98
90) Hexachloroethane	12.58	117	140768	16.637	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	444422	19.594	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68360	14.543	ug/l	94

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ClientSampleId :
VX0421WBS01

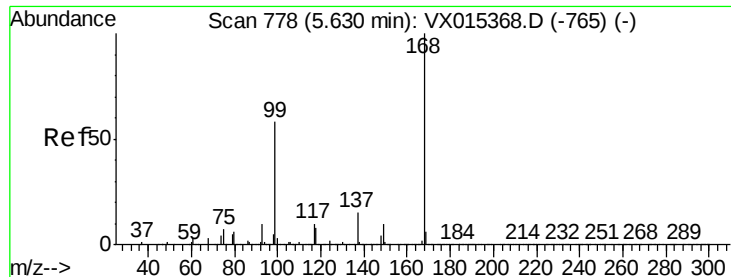
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	349431	19.477	ug/l	96
94) Hexachlorobutadiene	13.77	225	161682	18.928	ug/l	97
95) Naphthalene	13.82	128	1040694	19.016	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	351549	20.352	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tot Ion:168 Resp: 1009652

Ion Ratio Lower Upper

168 100

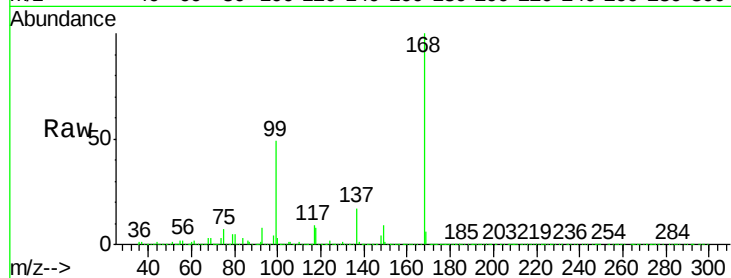
99 49.1 46.4 69.6

Manual Integrations

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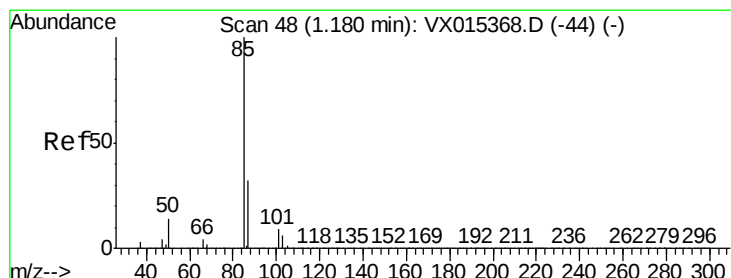
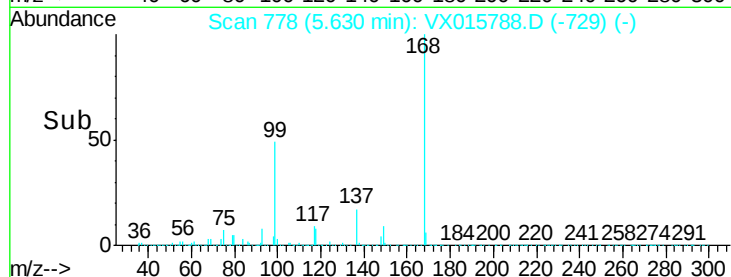
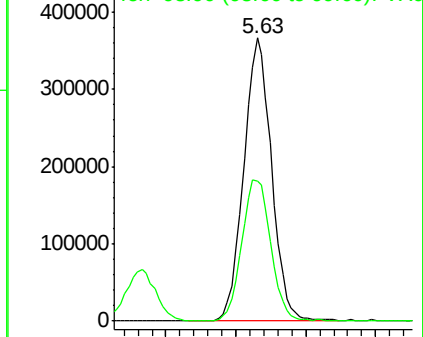
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.253 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015788.D

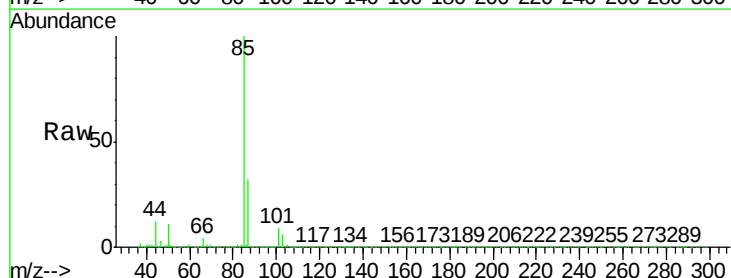
Acq: 21 Apr 2020 12:48

Tgt Ion: 85 Resp: 135679

Ion Ratio Lower Upper

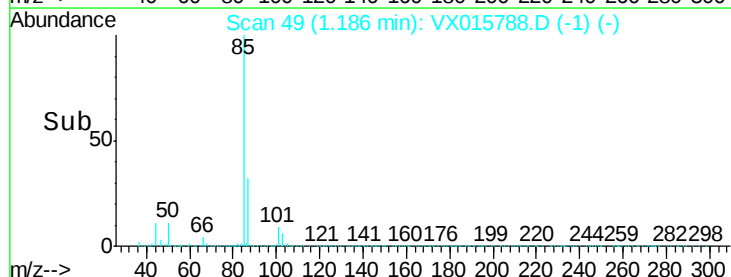
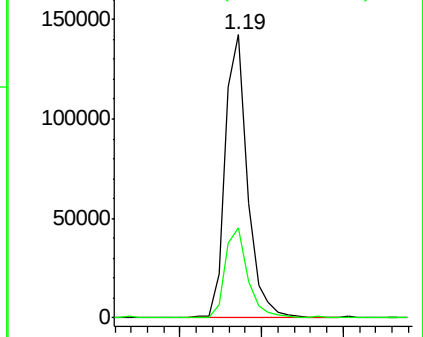
85 100

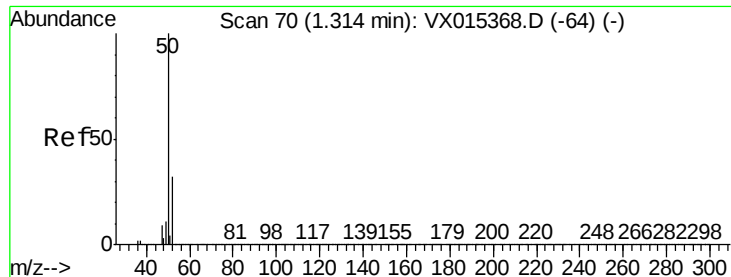
87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





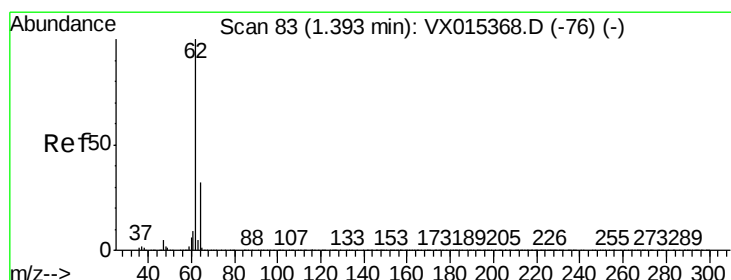
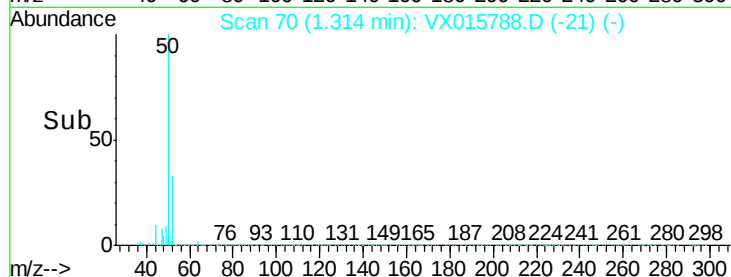
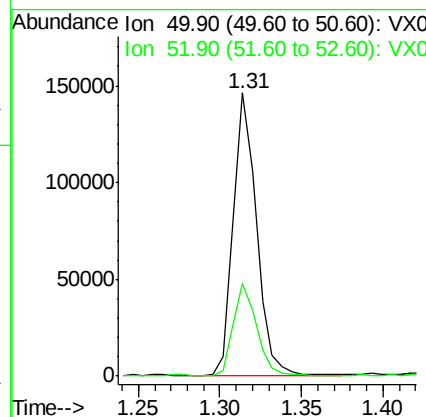
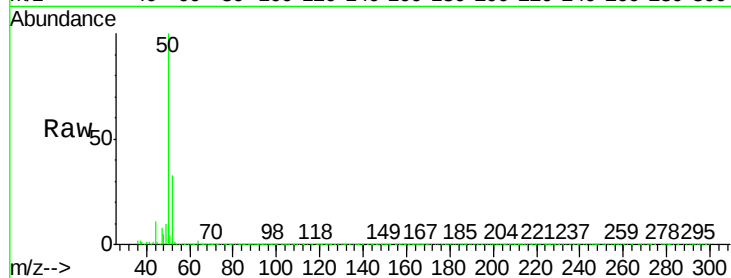
#3
Chloromethane
Concen: 12.765 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
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ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.3	37.9

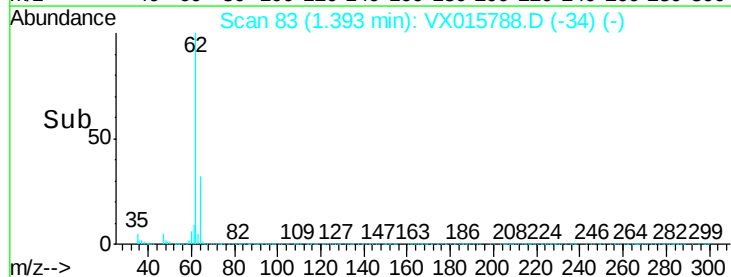
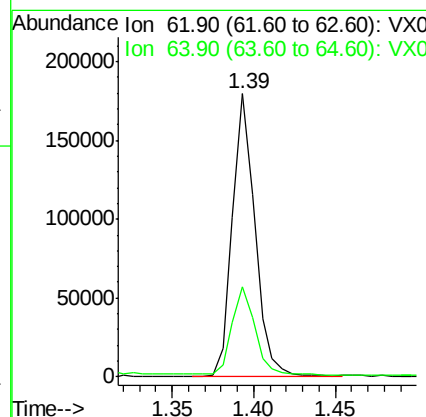
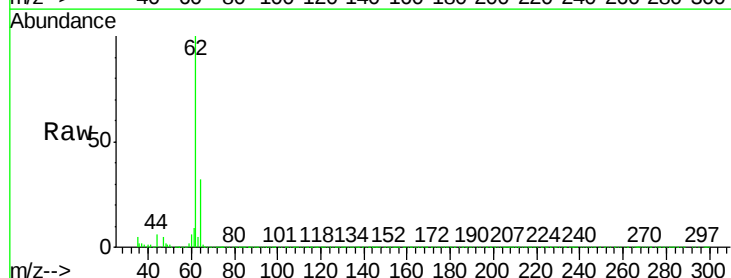
Manual Integrations
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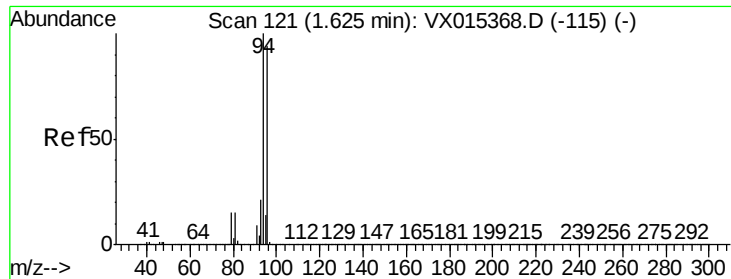
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#4
Vinyl Chloride
Concen: 16.795 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.1	26.0	39.0





#5

Bromomethane

Concen: 9.025 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tot Ion: 94 Resp: 75053

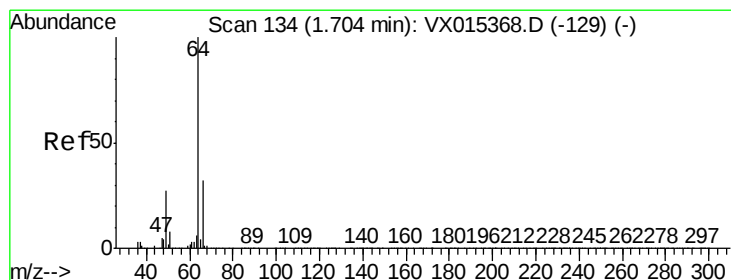
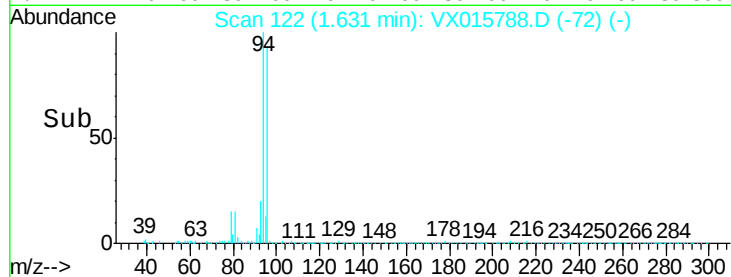
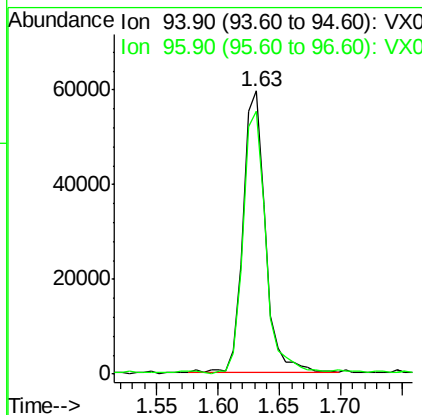
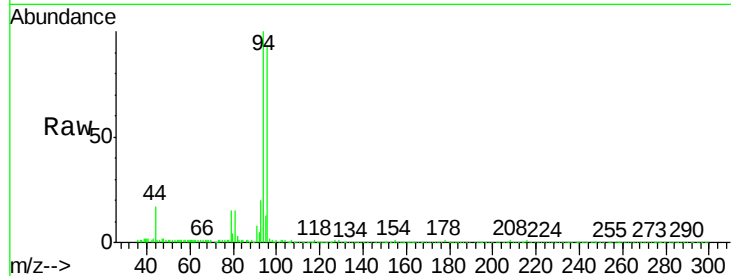
Ion Ratio Lower Upper

94 100

96 92.5 74.8 112.2

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#6

Chloroethane

Concen: 17.245 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015788.D

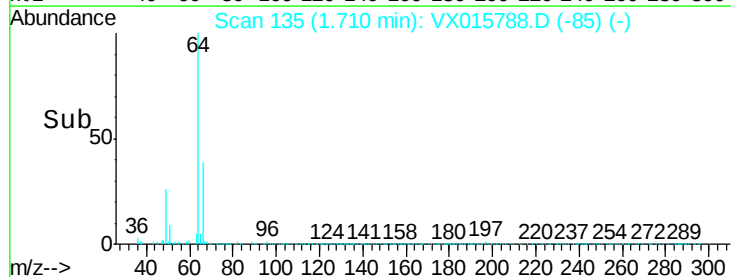
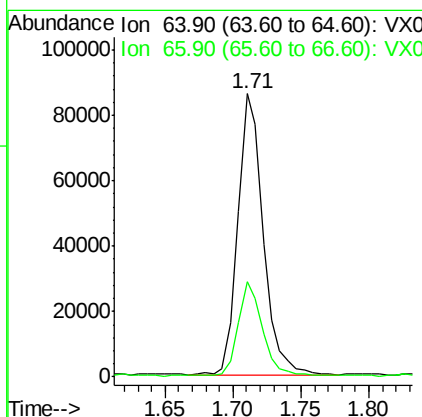
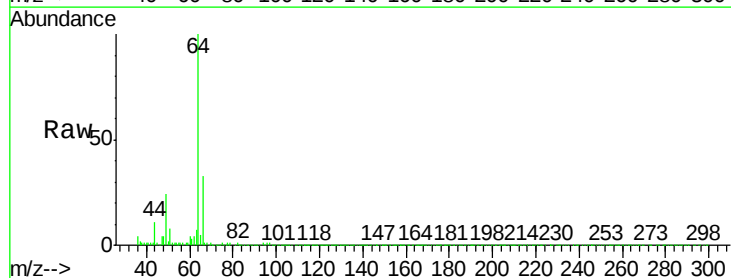
Acq: 21 Apr 2020 12:48

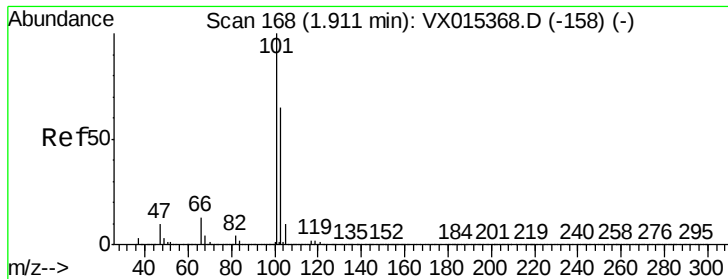
Tgt Ion: 64 Resp: 111250

Ion Ratio Lower Upper

64 100

66 33.1 25.4 38.2





#7

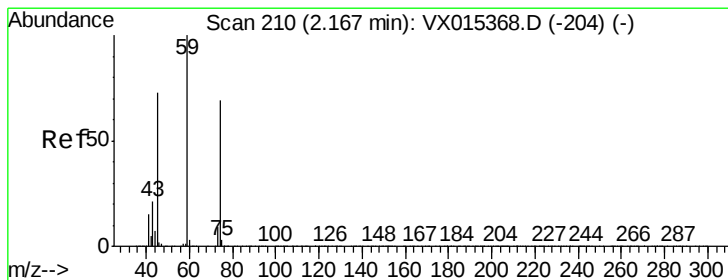
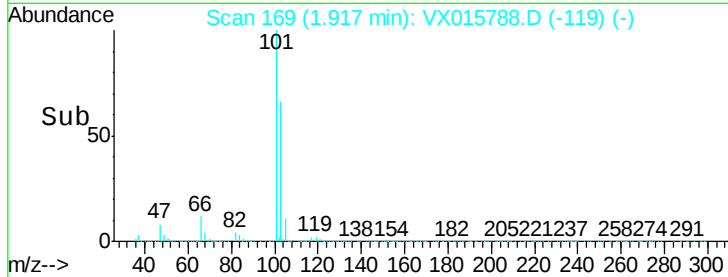
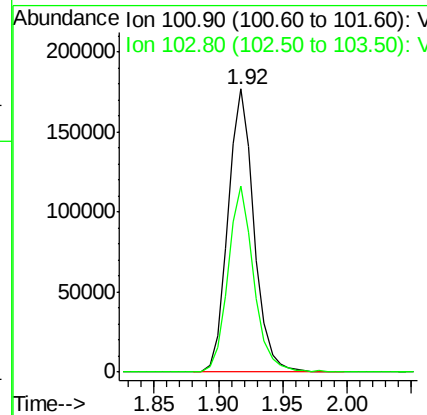
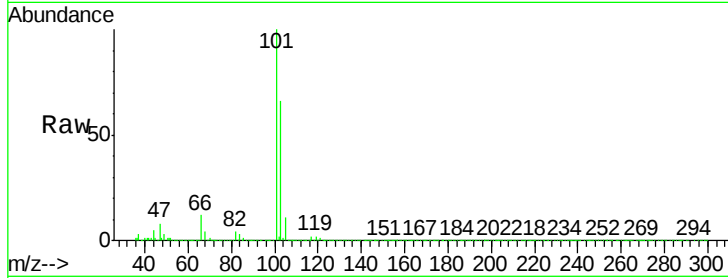
Trichlorofluoromethane
Concen: 18.020 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		251372		
103	65.6	52.3	78.5		

Manual Integrations
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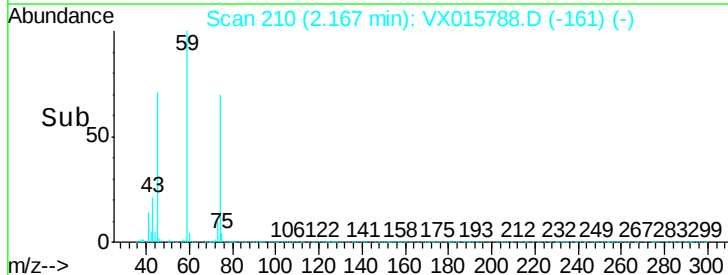
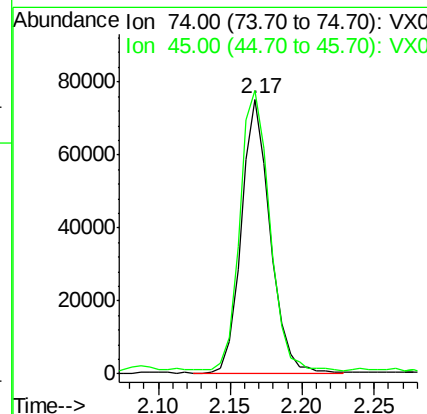
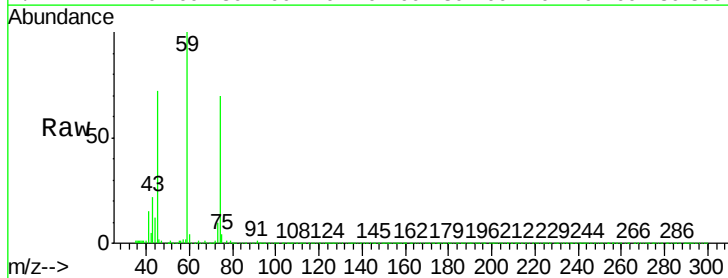
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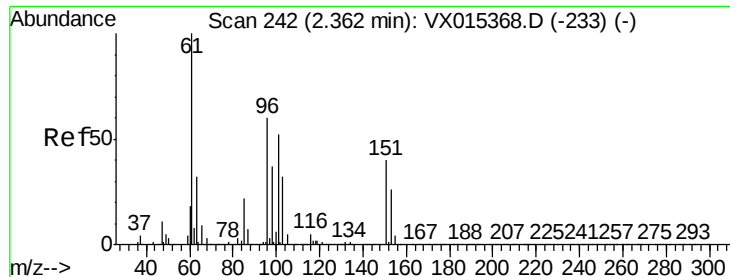


#8

Diethyl Ether
Concen: 17.746 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		104412		
45	105.7	53.8	161.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.711 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

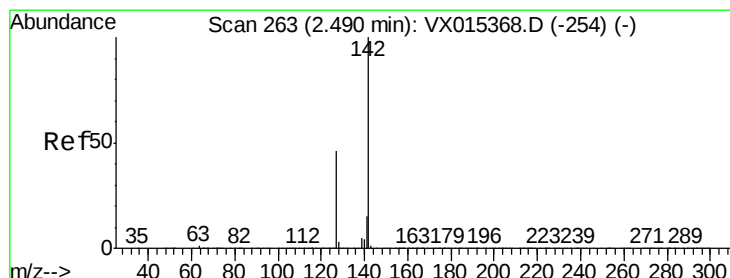
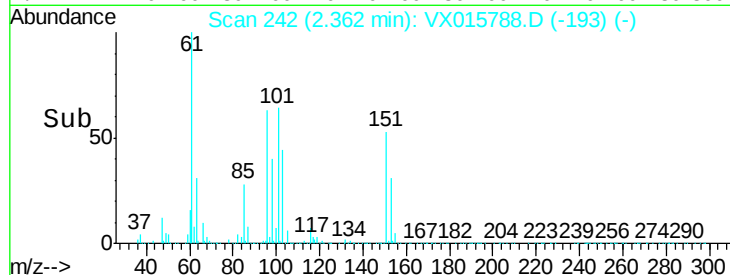
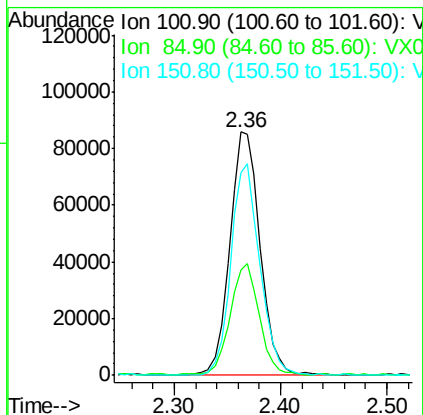
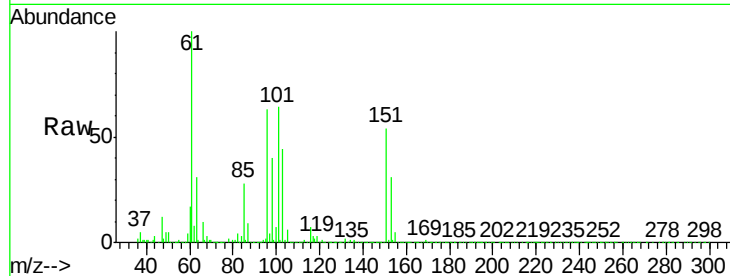
ClientSampleId :

VX0421WBS01

Tot Ion:	101	Resp:	170154
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.0	52.4
151	84.1	64.1	96.1

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#10

Methyl Iodide

Concen: 9.214 ug/l

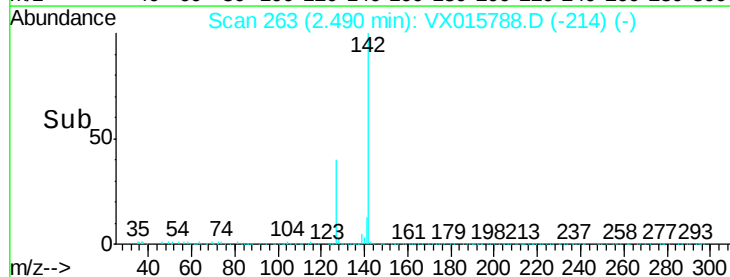
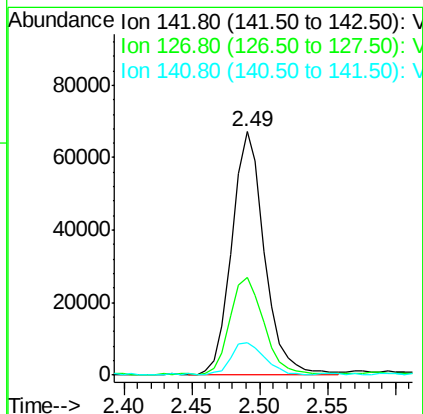
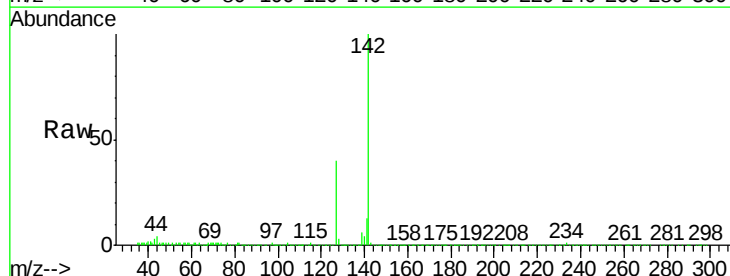
RT: 2.49 min Scan# 263

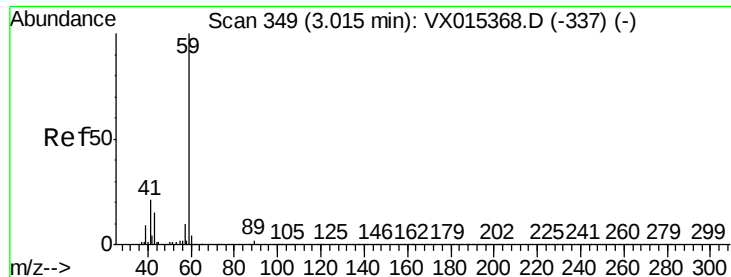
Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion:	142	Resp:	112965
Ion Ratio	Lower	Upper	
142	100		
127	43.0	35.9	53.9
141	13.6	11.6	17.4





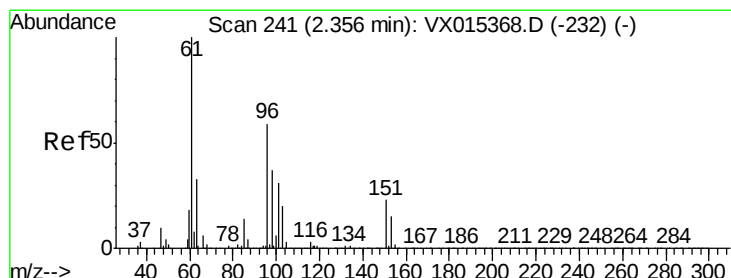
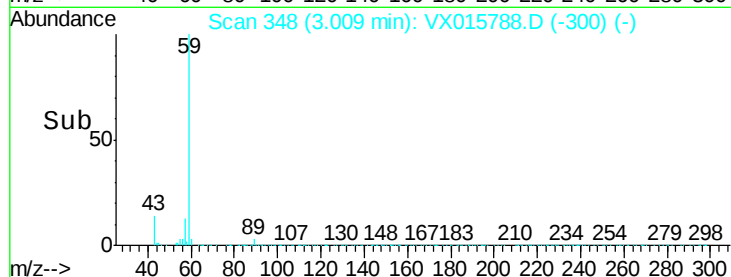
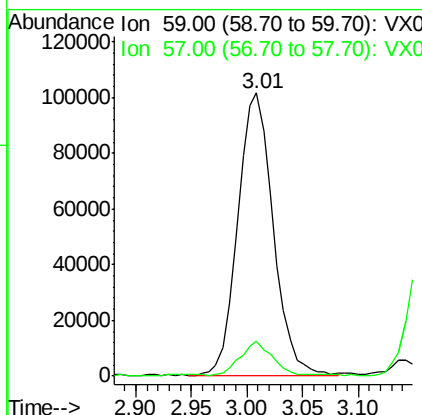
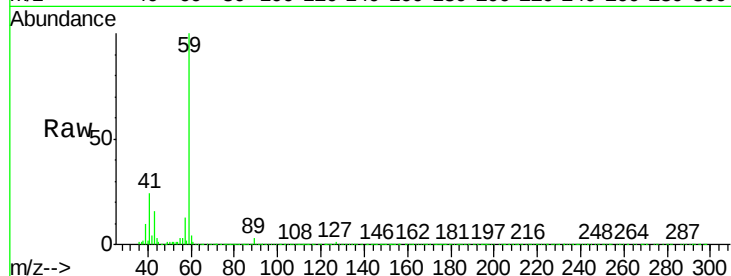
#11
Tert butyl alcohol
Concen: 66.111 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	225335		
57	11.0		8.1	12.1

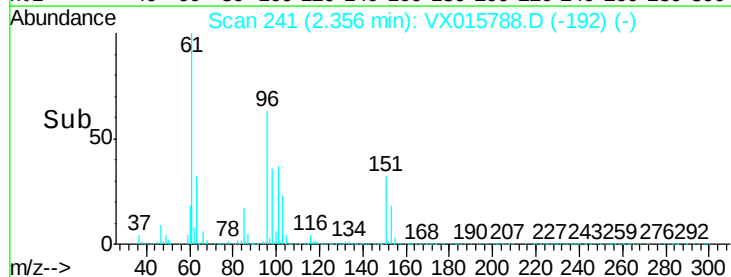
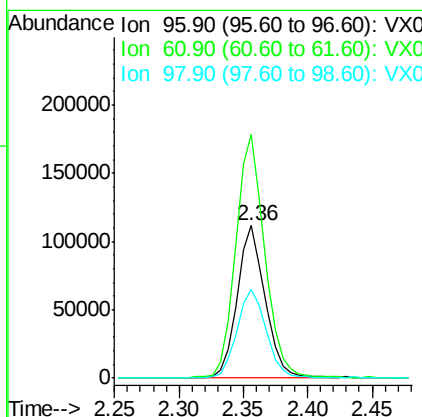
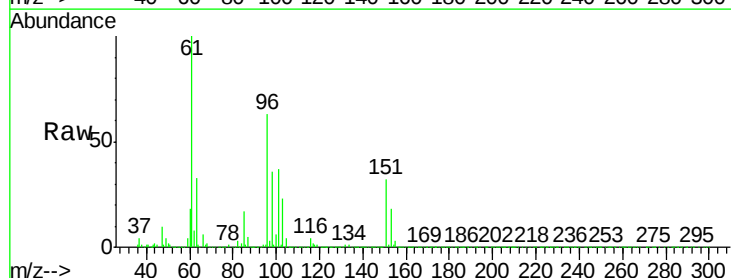
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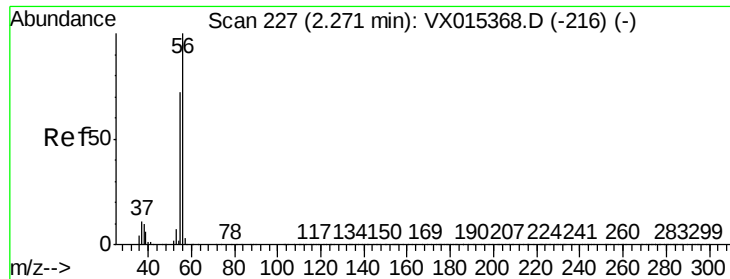
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#12
1,1-Dichloroethene
Concen: 17.413 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	165985		
61	159.6		135.7	203.5
98	58.1		50.6	75.8





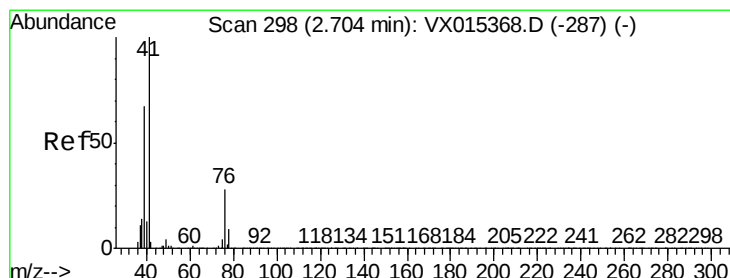
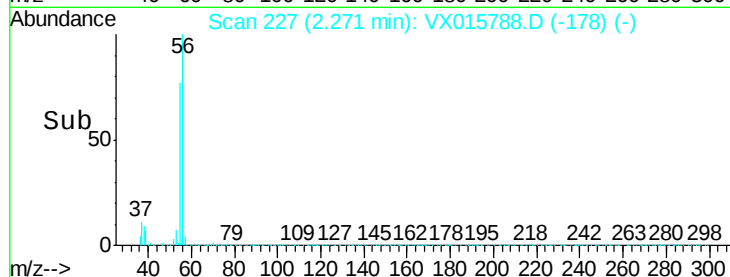
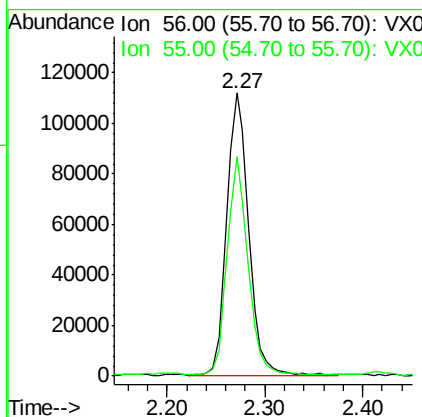
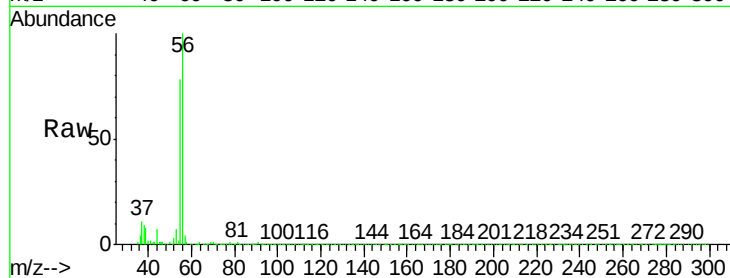
#13
Acrolein
Concen: 89.316 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.2	57.0	85.4

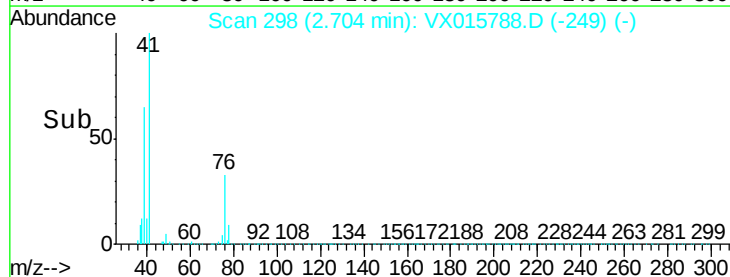
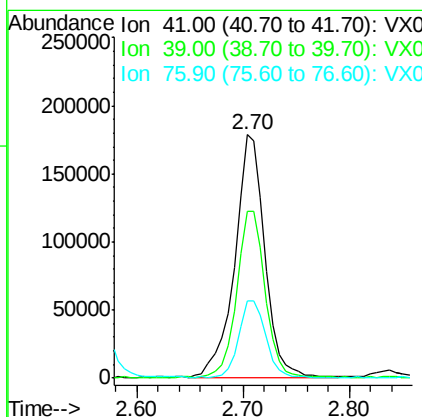
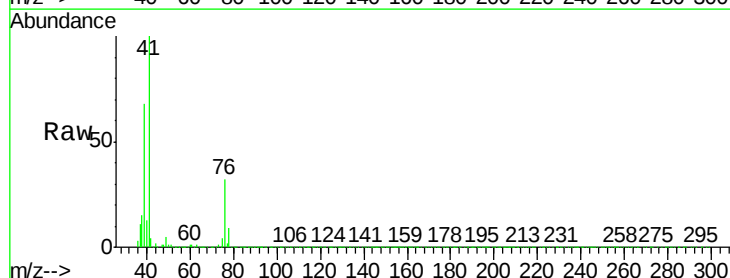
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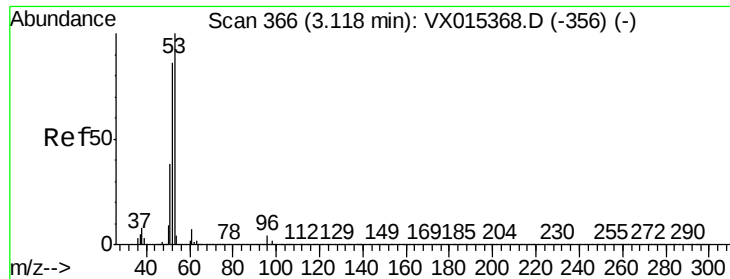
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#14
Allyl chloride
Concen: 15.783 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.2	51.4	77.0
76	28.7	21.8	32.8





#15

Acrylonitrile

Concen: 85.719 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

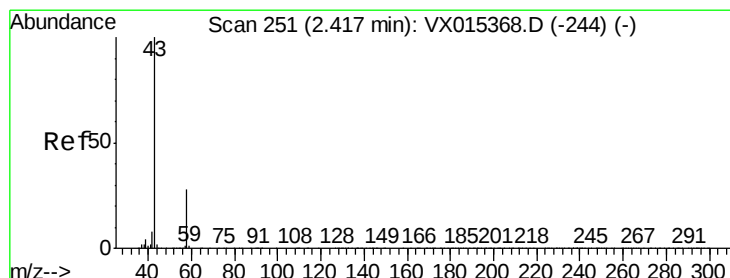
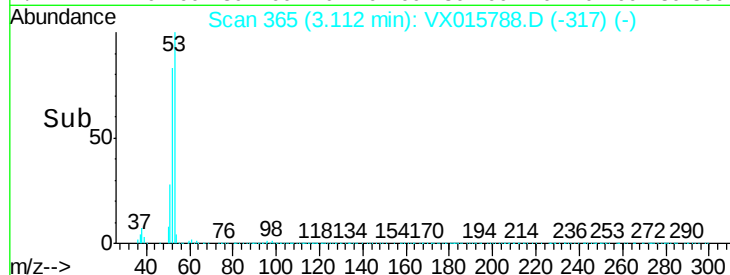
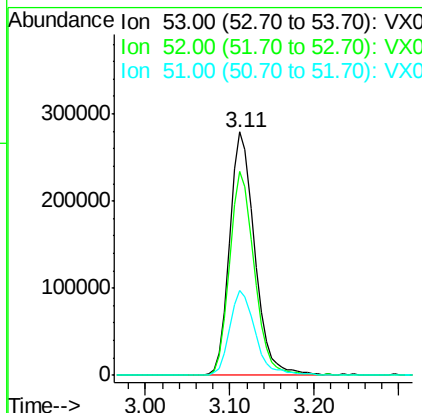
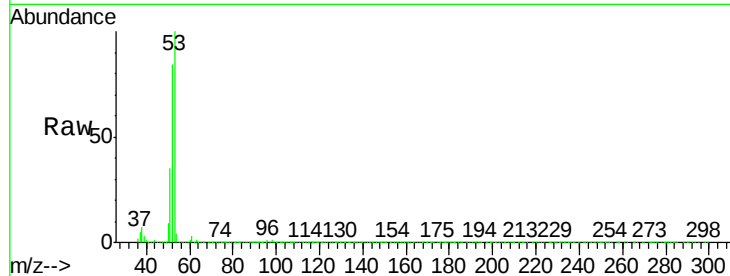
ClientSampleId :

VX0421WBS01

Tot Ion:	53	Resp:	557185
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.8	100.2
51	35.5	29.5	44.3

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#16

Acetone

Concen: 103.013 ug/l

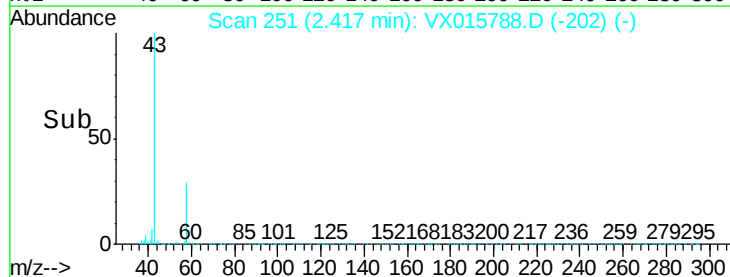
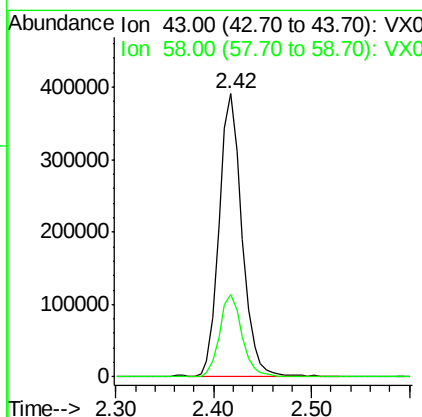
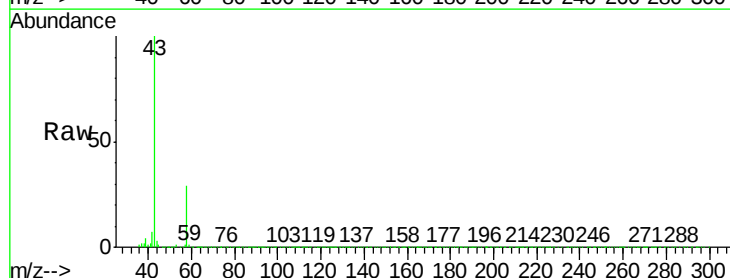
RT: 2.42 min Scan# 251

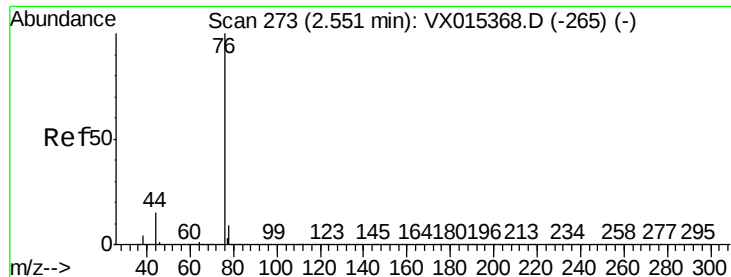
Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion:	43	Resp:	630217
Ion Ratio		Lower	Upper
43	100		
58	29.3	22.1	33.1





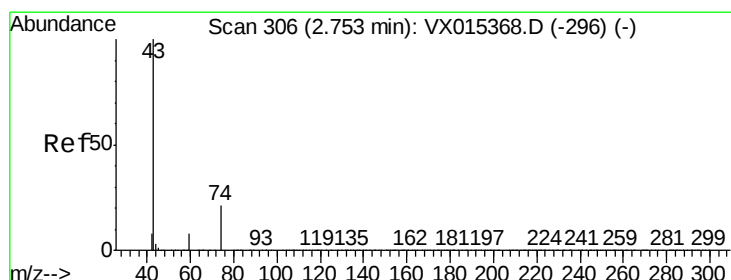
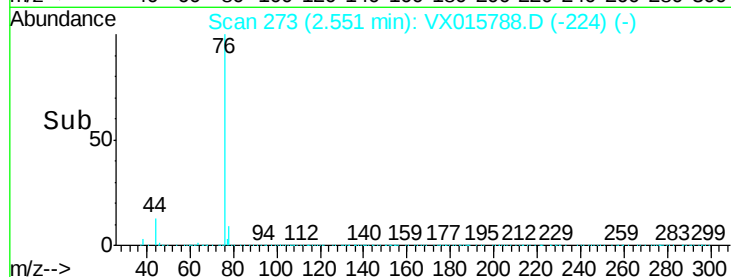
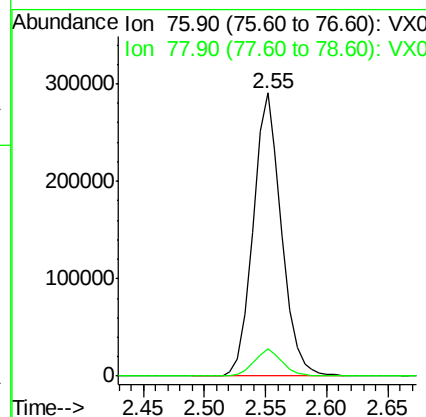
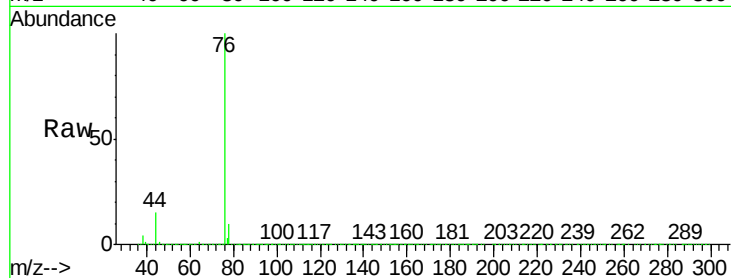
#17
Carbon Disulfide
Concen: 16.054 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

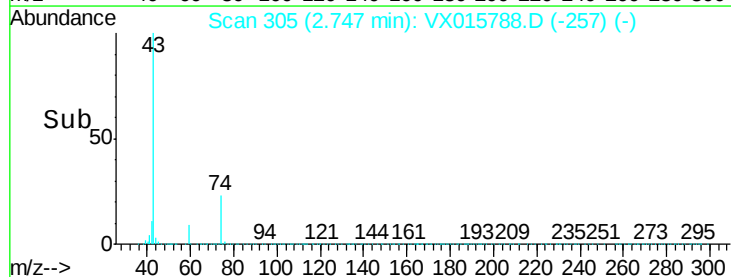
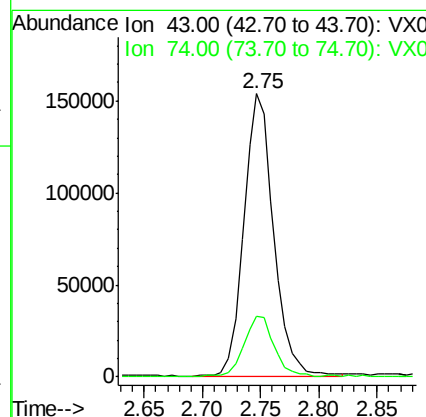
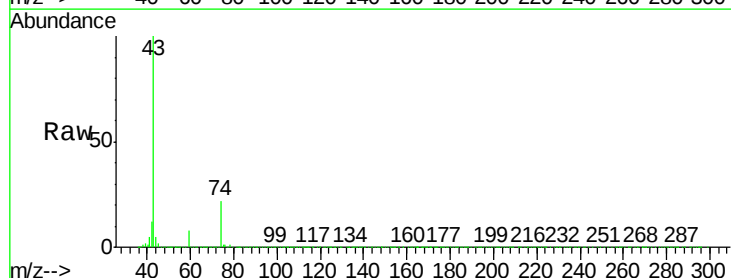
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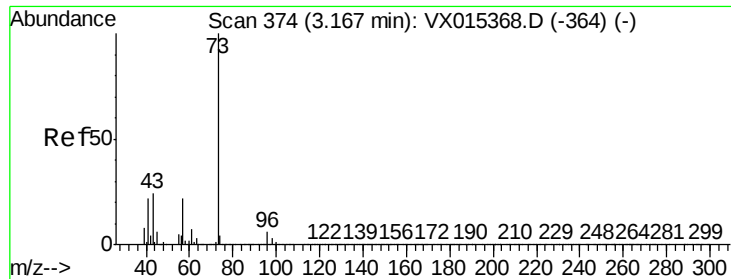
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#18
Methyl Acetate
Concen: 17.382 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.5	24.7





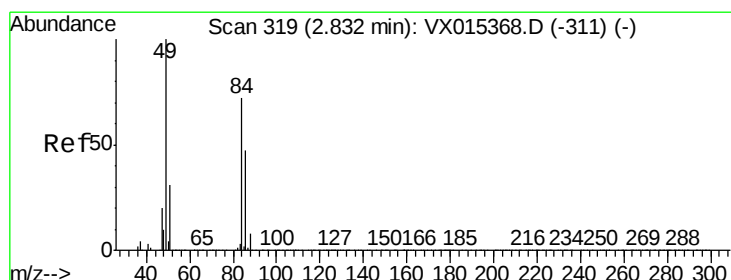
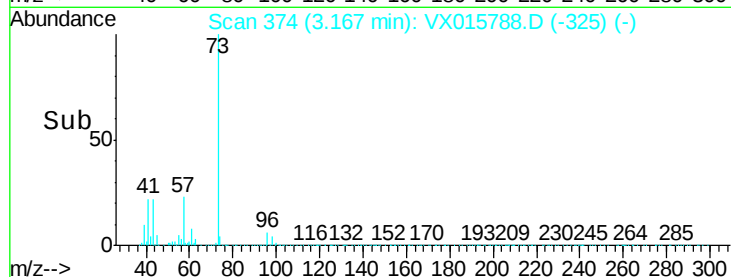
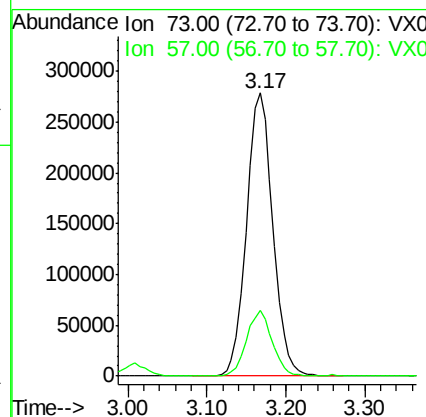
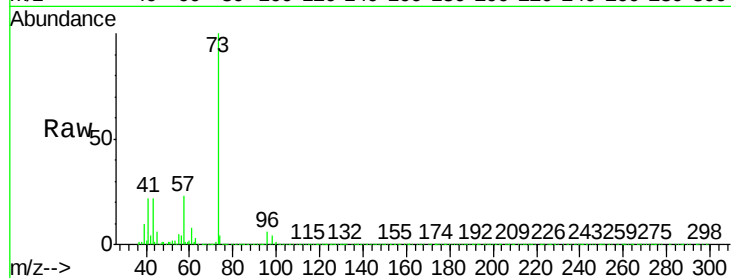
#19
Methvl tert-butvl Ether
Concen: 17.492 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion: 73 Resp: 646672
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9

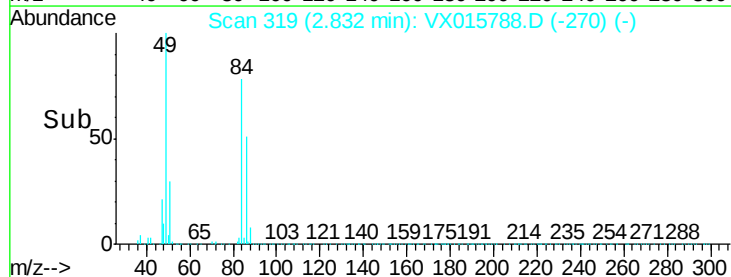
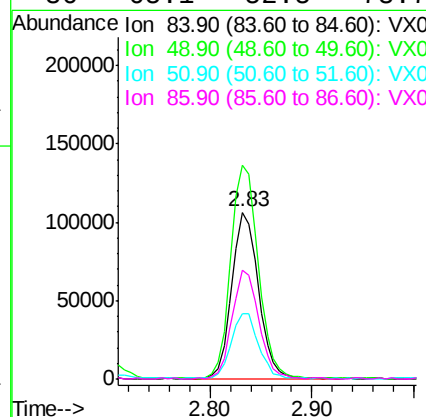
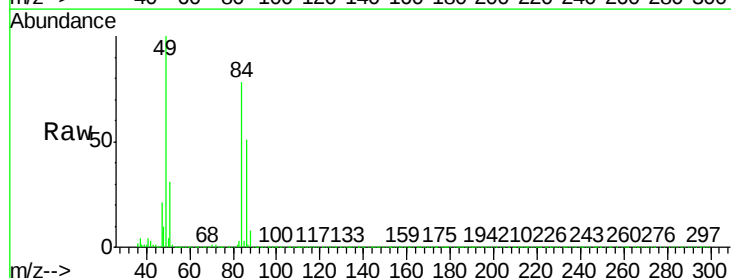
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#20
Methylene Chloride
Concen: 16.875 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion: 84 Resp: 192838
Ion Ratio Lower Upper
84 100
49 128.1 111.3 166.9
51 39.1 34.0 51.0
86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 16.896 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

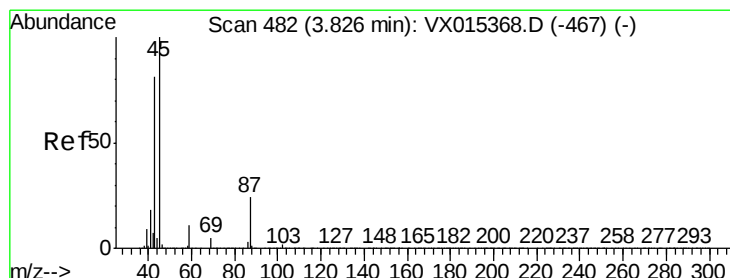
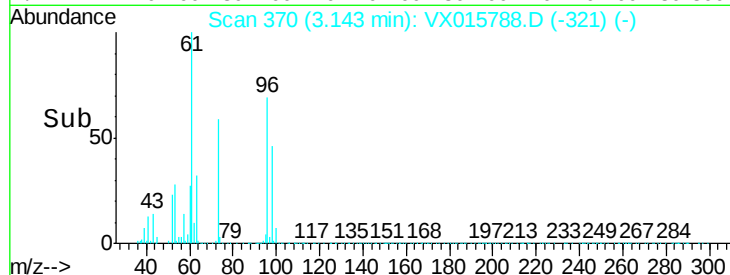
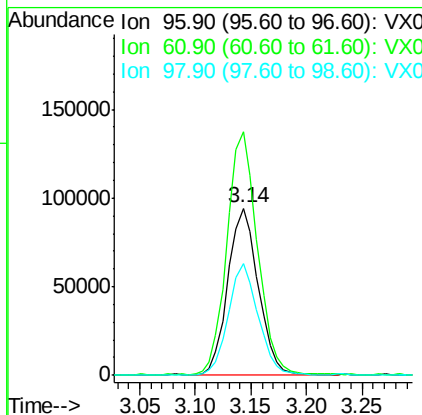
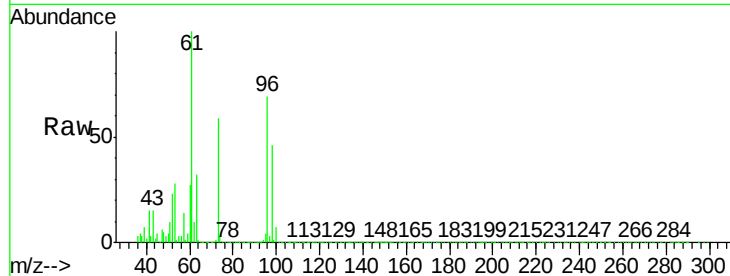
ClientSampleId :

VX0421WBS01

Tot Ion:	96	Resp:	178738
Ion	Ratio	Lower	Upper
96	100		
61	145.6	116.9	175.3
98	66.7	48.6	73.0

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#22

Diisopropyl ether

Concen: 17.857 ug/l

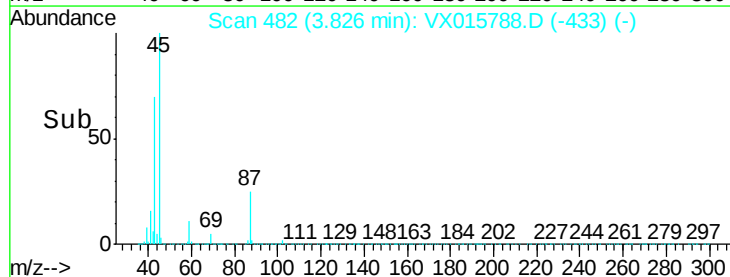
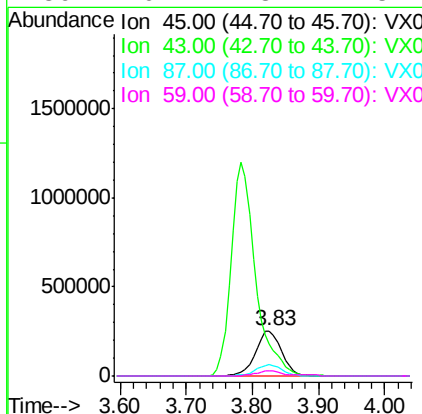
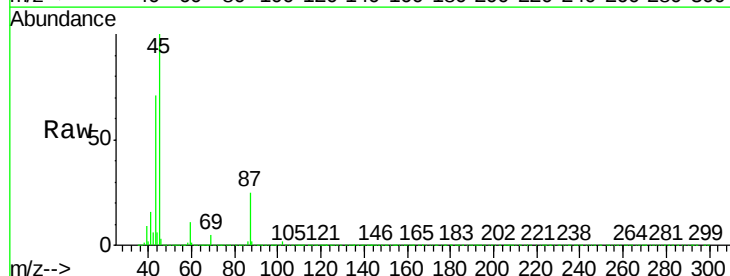
RT: 3.83 min Scan# 482

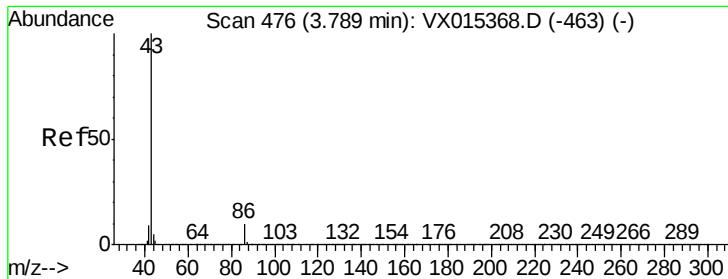
Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion:	45	Resp:	704749
Ion	Ratio	Lower	Upper
45	100		
43	70.4	64.7	97.1
87	25.0	19.4	29.0
59	10.7	8.7	13.1





#23

Vinyl Acetate

Concen: 85.547 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

ClientSampleID :

VX0421WBS01

Tot Ion: 43 Resp: 3056925

Ion Ratio Lower Upper

43 100

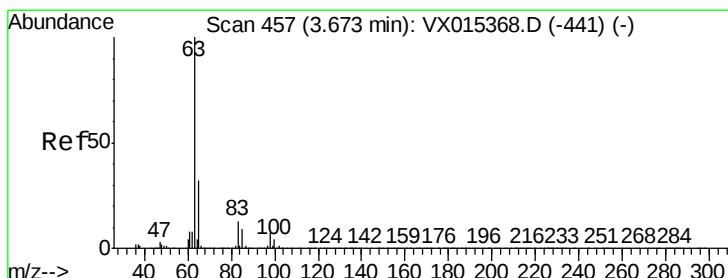
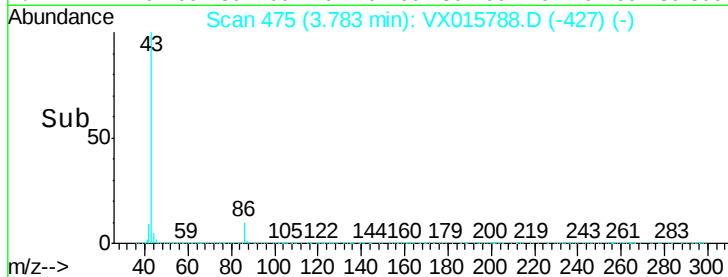
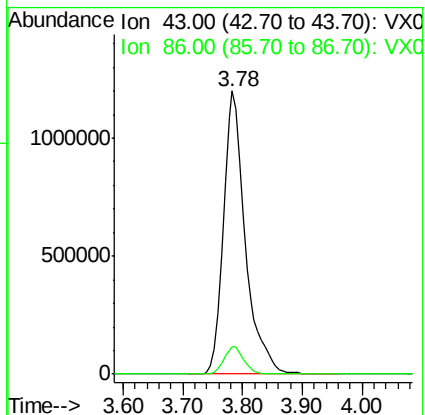
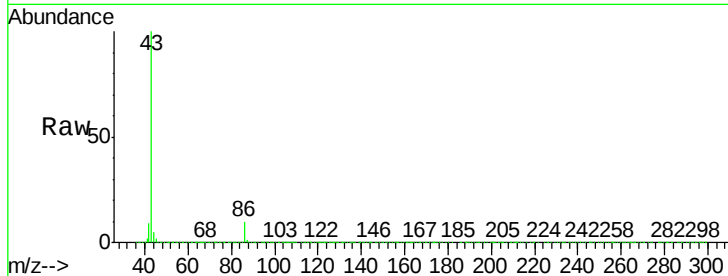
86 9.6 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 17.033 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

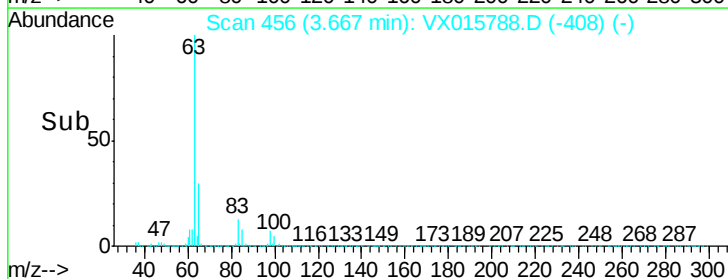
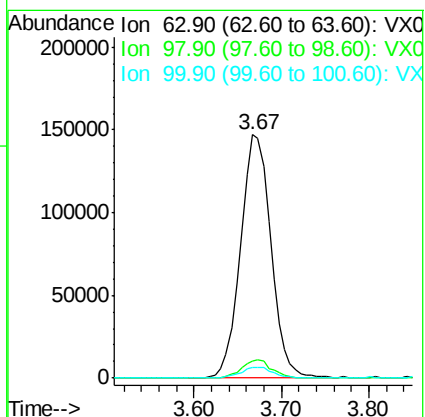
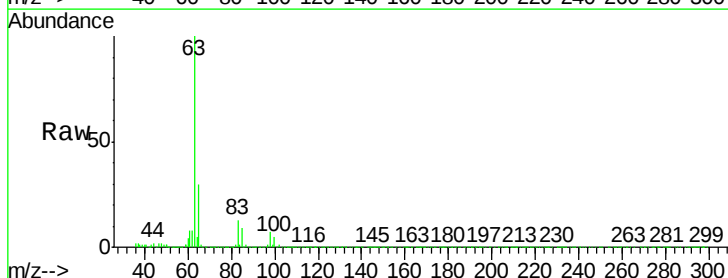
Tgt Ion: 63 Resp: 353938

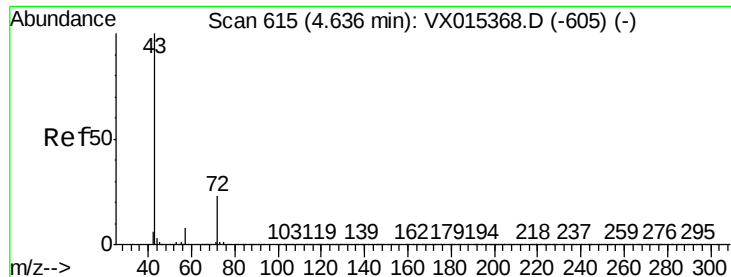
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 84.786 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tot Ion: 43 Resp: 834196

Ion Ratio Lower Upper

43 100

72 23.7 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

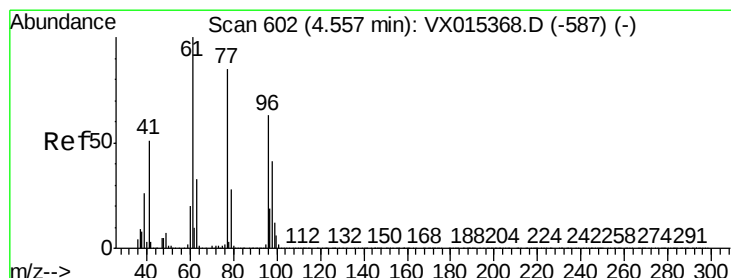
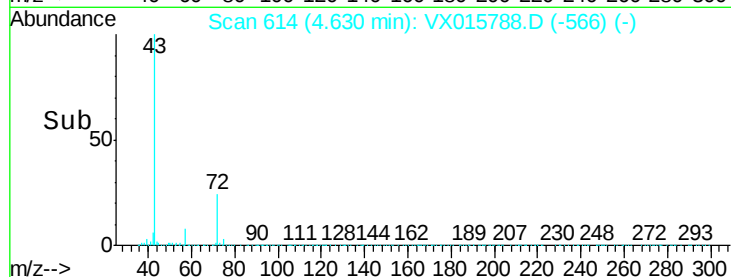
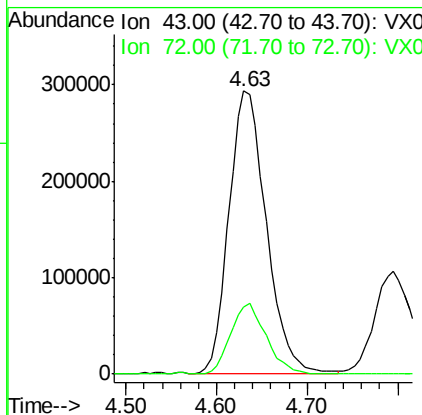
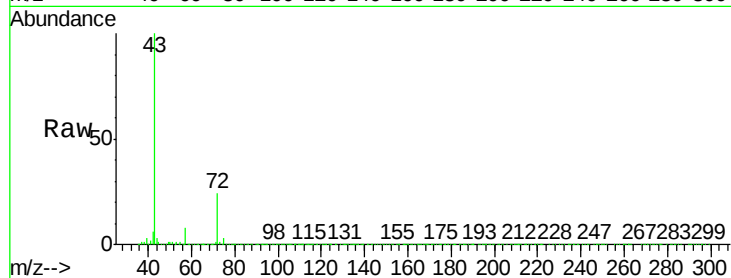
VX0421WBS01

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#26

2,2-Dichloropropane

Concen: 18.466 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015788.D

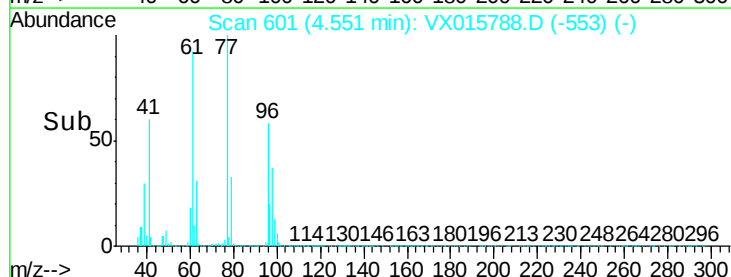
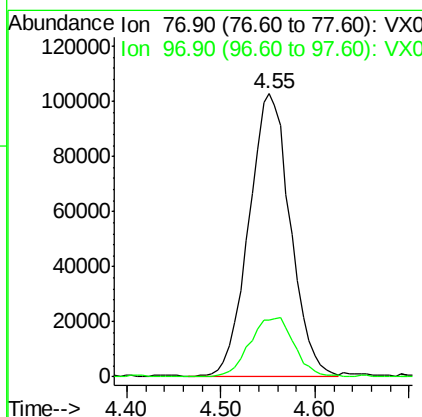
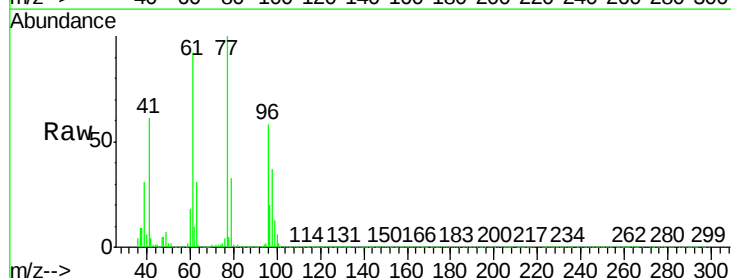
Acq: 21 Apr 2020 12:48

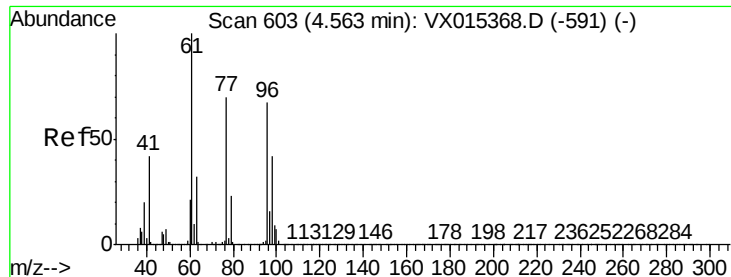
Tgt Ion: 77 Resp: 314964

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8





#27

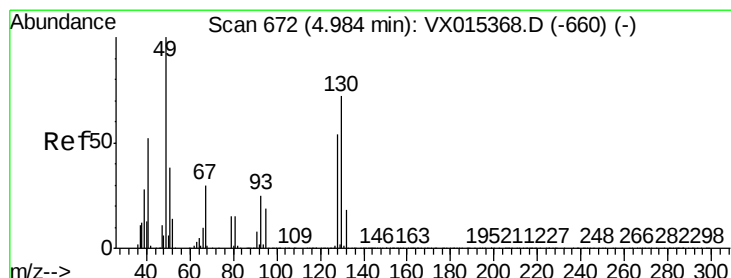
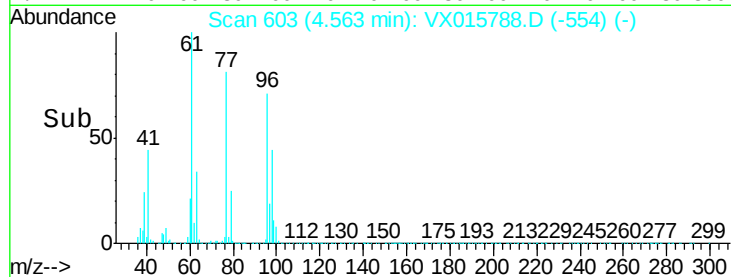
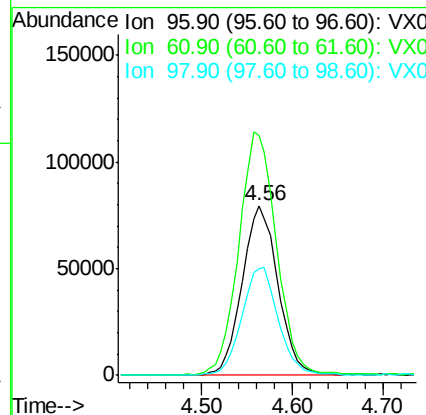
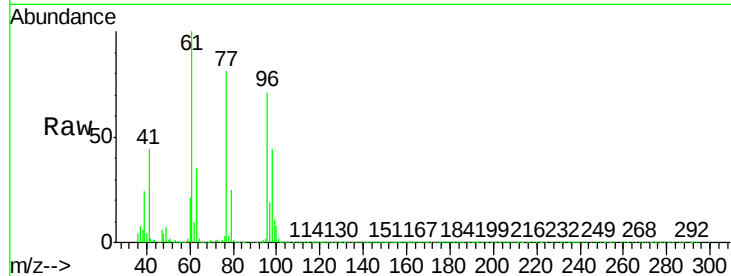
cis-1,2-Dichloroethene
Concen: 17.660 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	216141		
61	151.4	0.0	308.4	
98	64.4	0.0	129.2	

Manual Integrations
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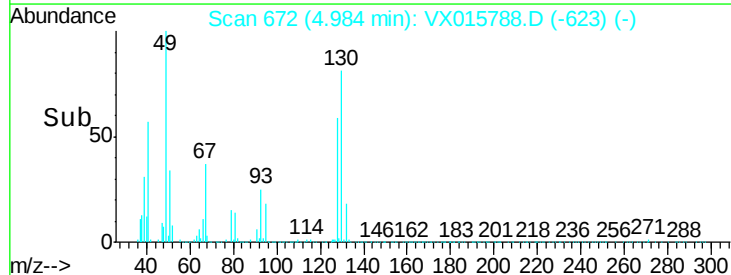
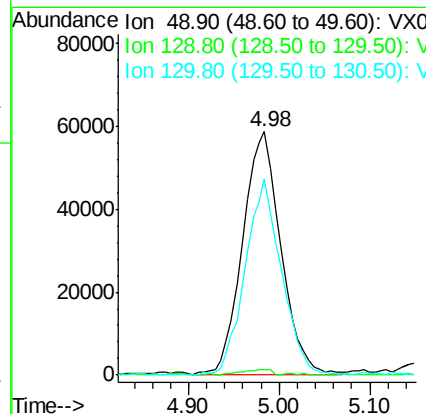
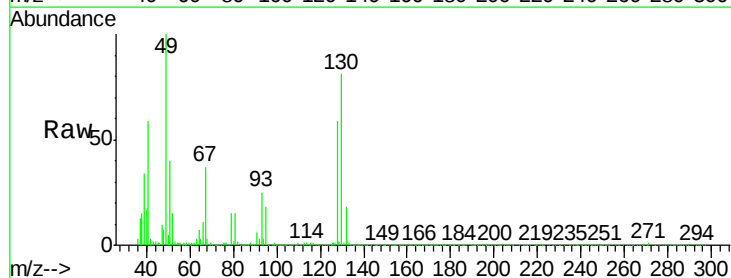
MMDadoda
4/22/2020 10:02:15 AM

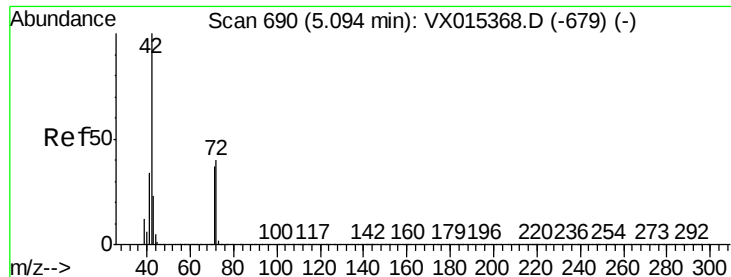


#28

Bromochloromethane
Concen: 17.136 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	170017		
129	1.9	0.0	4.4	
130	76.6	57.7	86.5	





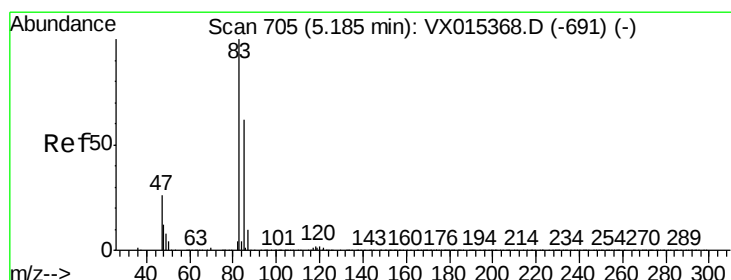
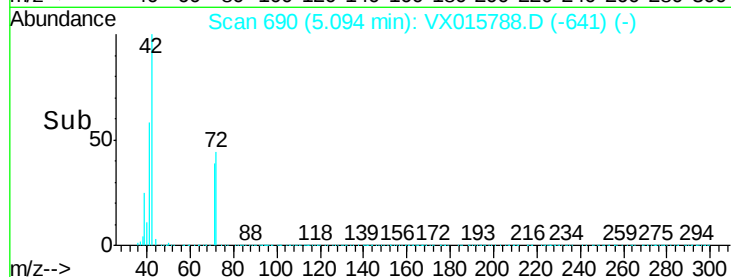
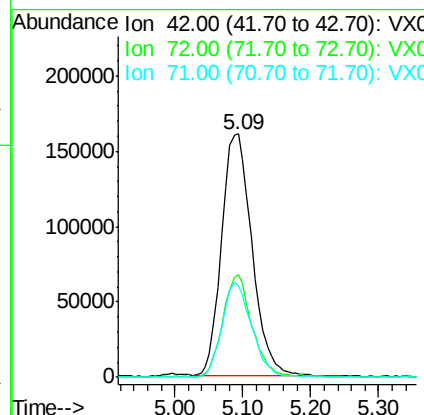
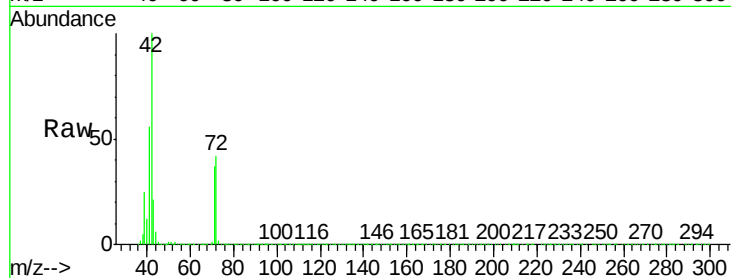
#29
Tetrahydrofuran
Concen: 78.945 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	499335		
72	72	40.3		31.7	47.5
71	71	38.5		29.6	44.4

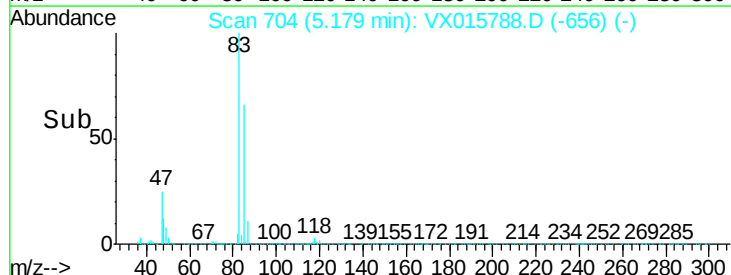
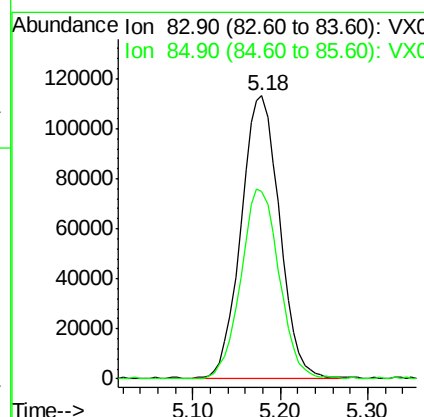
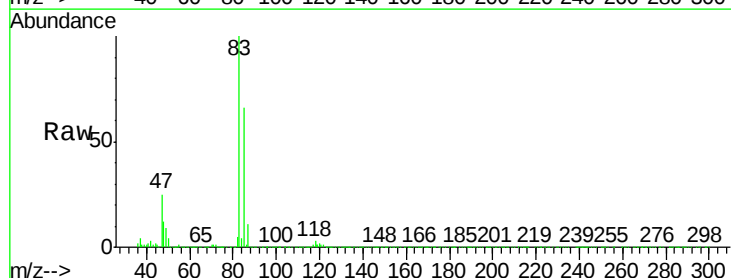
Manual Integrations
APPROVED

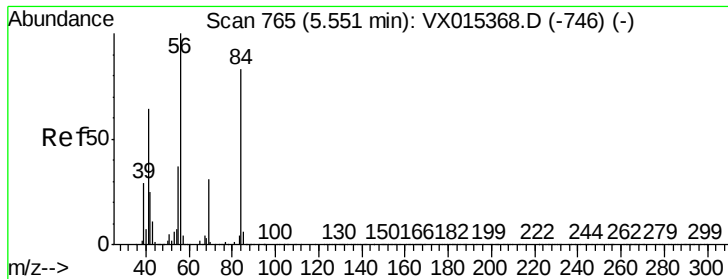
MMDadoda
4/22/2020 10:02:15 AM



#30
Chloroform
Concen: 17.274 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	345356		
85	85	66.2		49.5	74.3





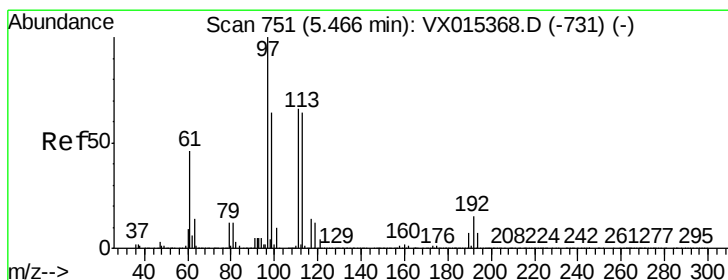
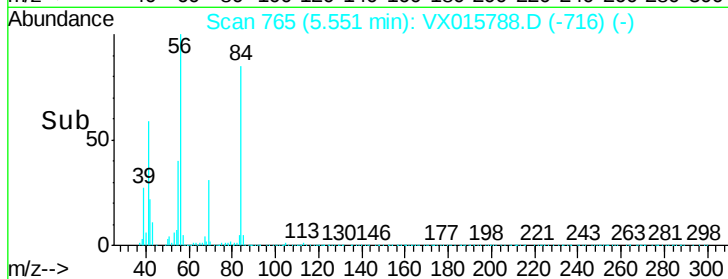
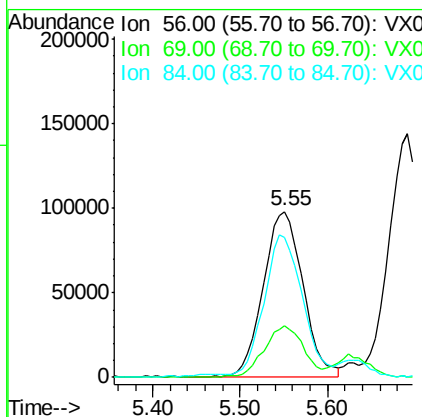
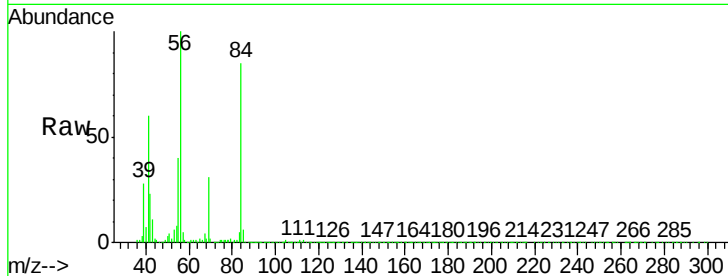
#31
Cvclohexane
Concen: 17.181 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	36.8
84	84.1	66.1	99.1

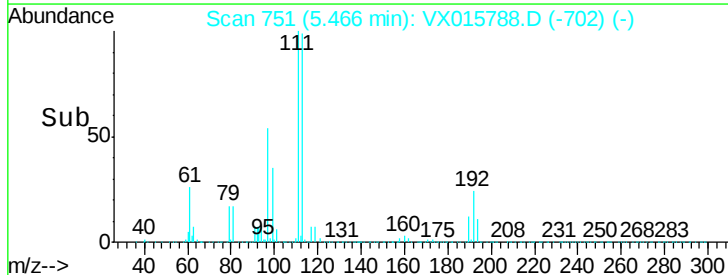
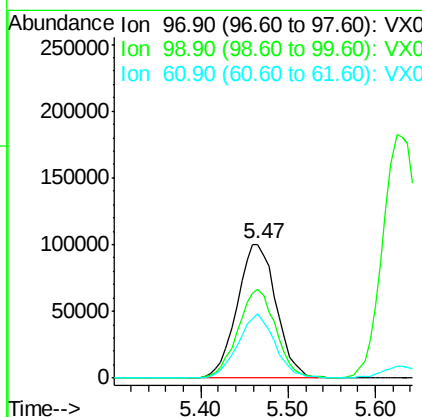
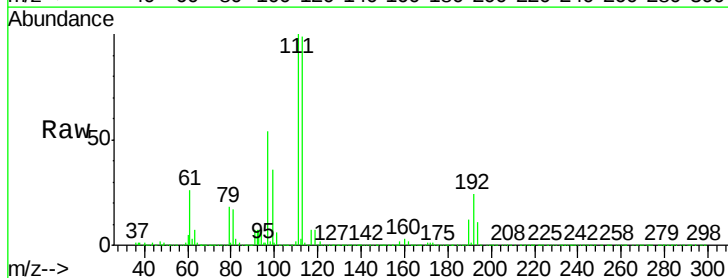
Manual Integrations
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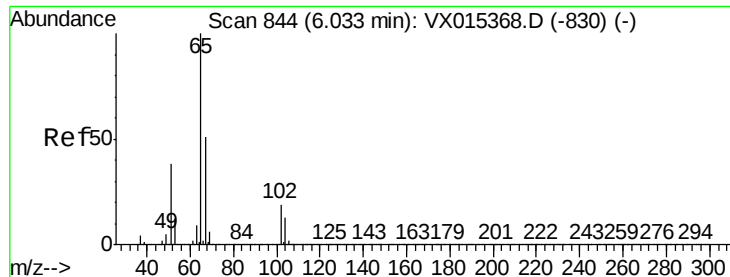
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.036 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	44.9	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.075 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tot Ion: 65 Resp: 656113

Ion Ratio Lower Upper

65 100

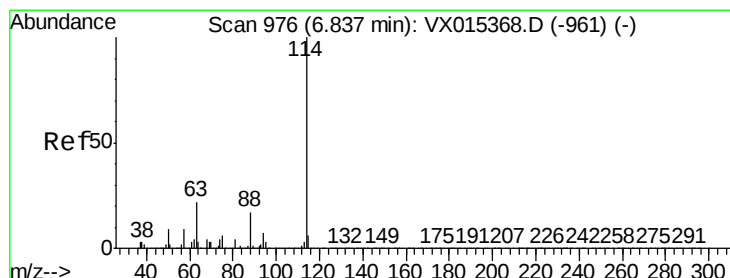
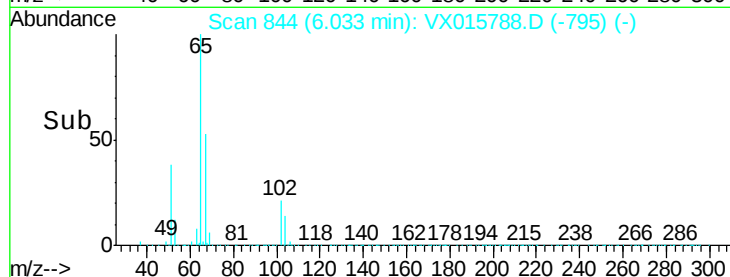
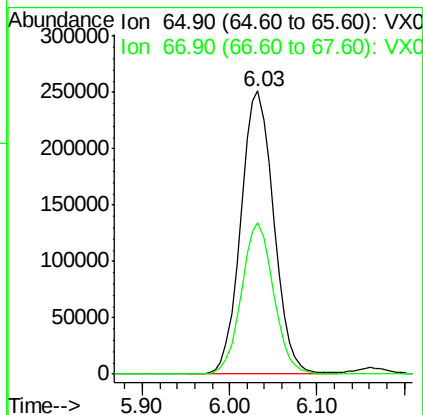
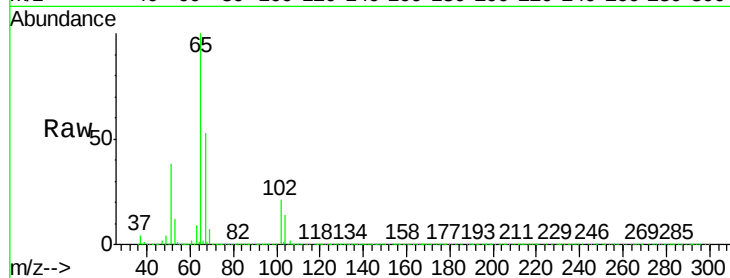
67 51.7 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

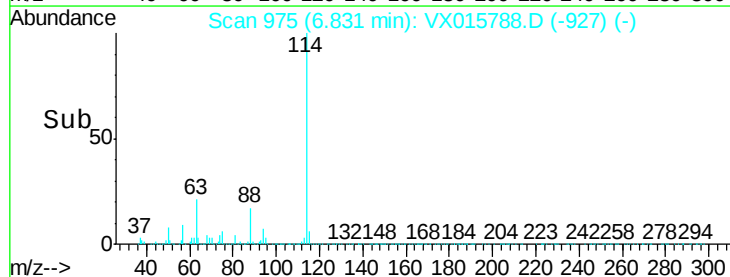
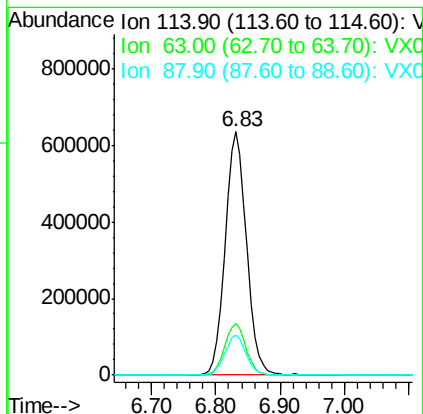
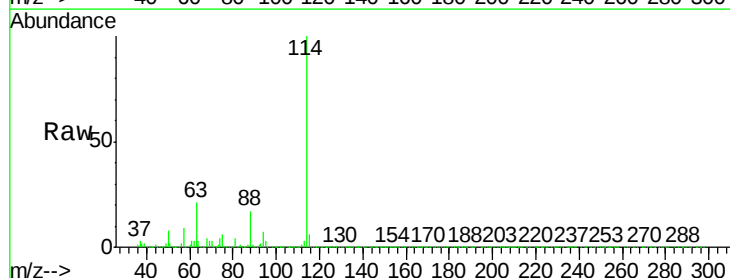
Tgt Ion: 114 Resp: 1485382

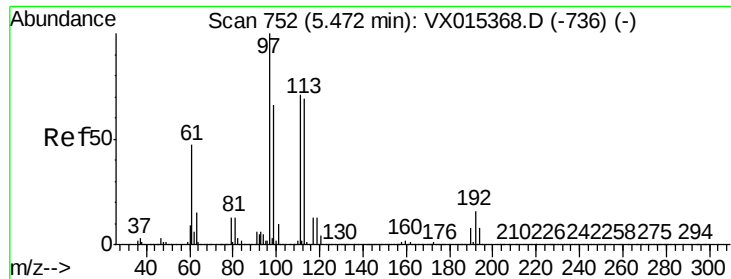
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.2

88 16.5 0.0 33.8





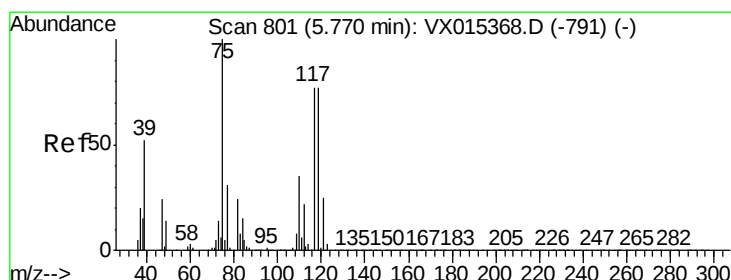
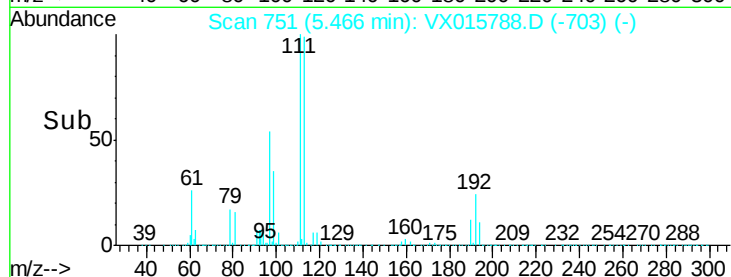
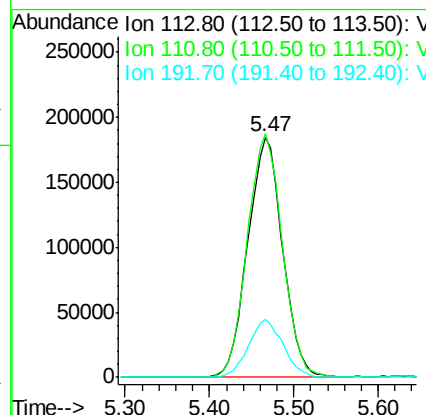
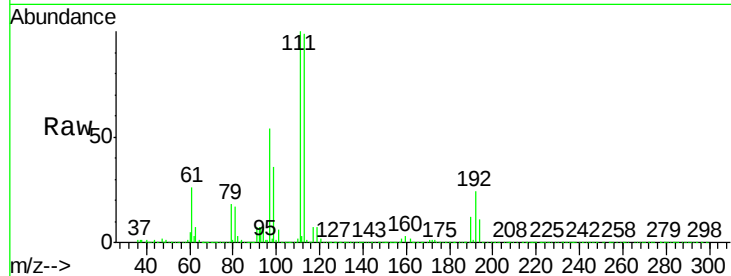
#35
Dibromofluoromethane
Concen: 54.282 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	515410		
111	102.0	81.5	122.3	
192	24.1	17.8	26.6	

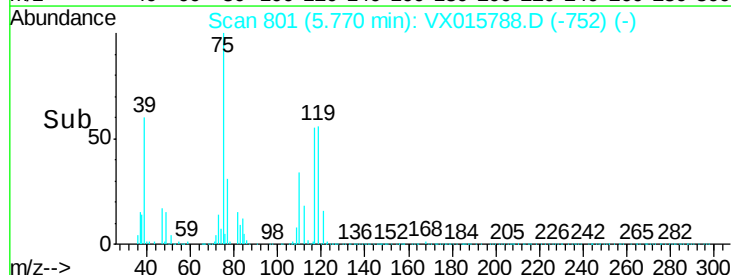
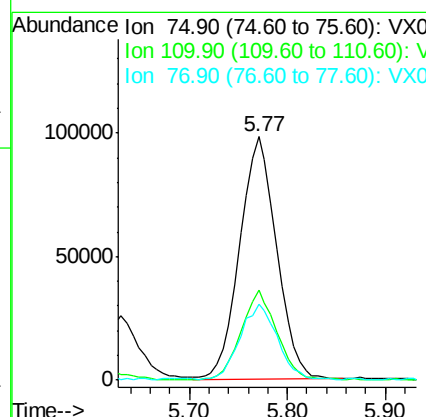
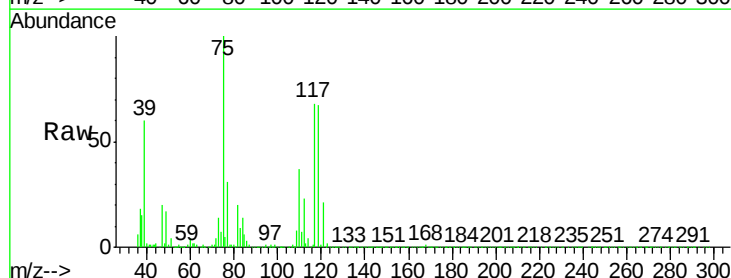
Manual Integrations
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#36
1,1-Dichloropropene
Concen: 18.713 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	256114		
110	35.9	17.1	51.3	
77	32.3	24.6	36.8	





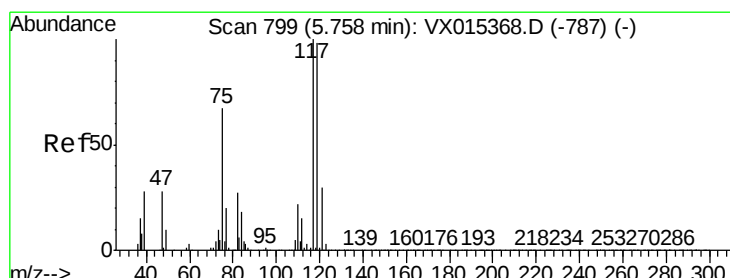
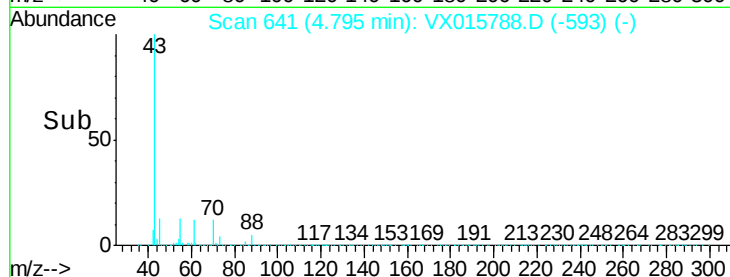
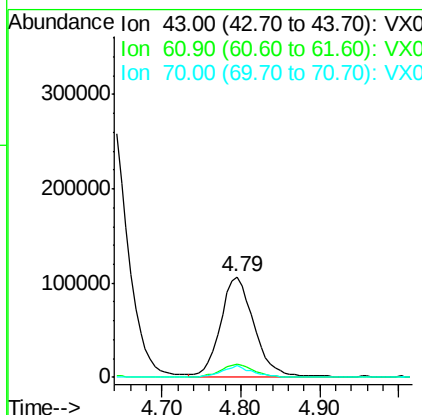
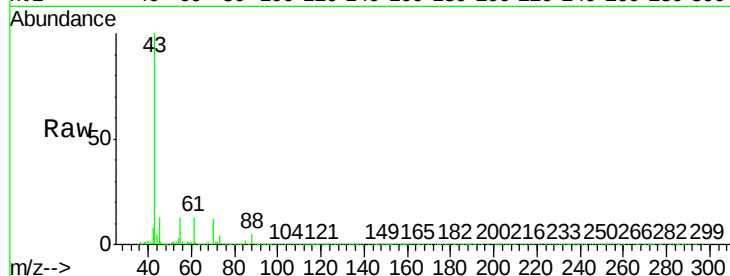
#37
Ethyl Acetate
Concen: 17.406 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampled :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.9	14.9
70	10.3	8.1	12.1

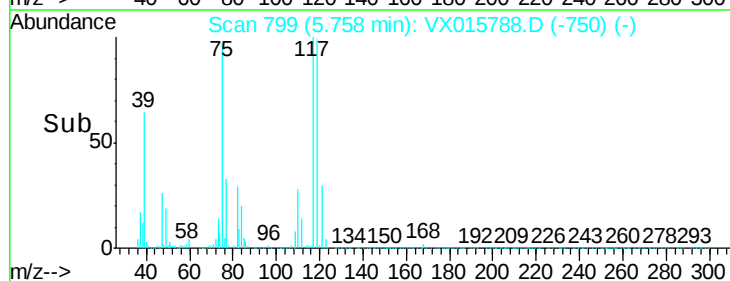
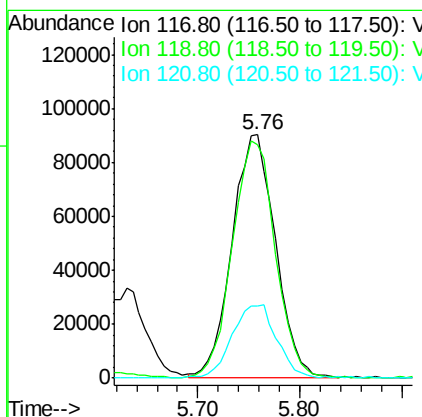
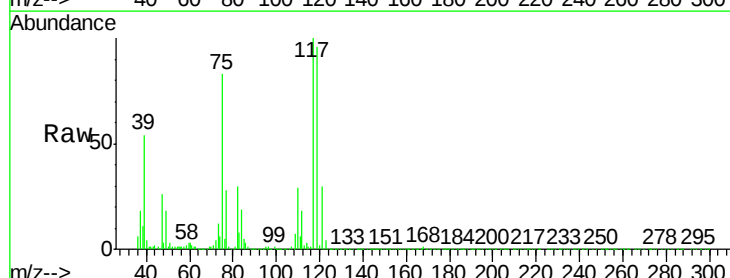
Manual Integrations
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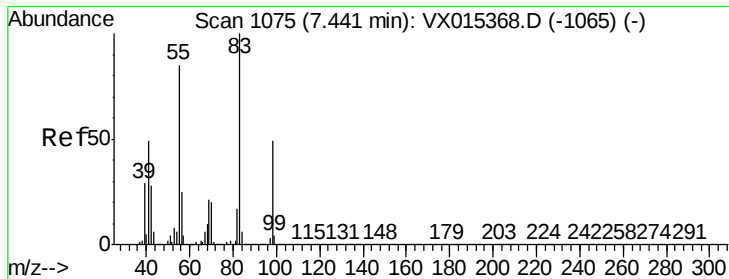
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#38
Carbon Tetrachloride
Concen: 17.904 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.0	117.0
121	29.3	23.8	35.8





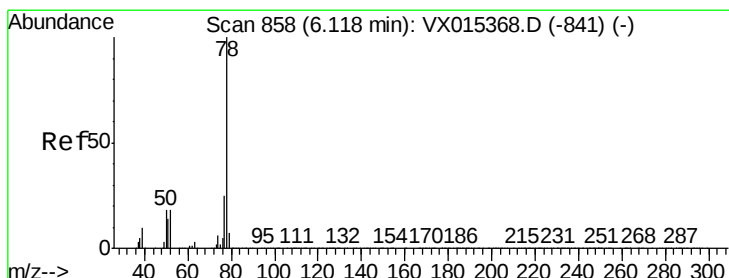
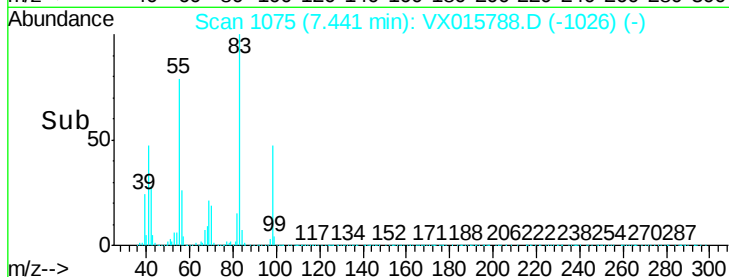
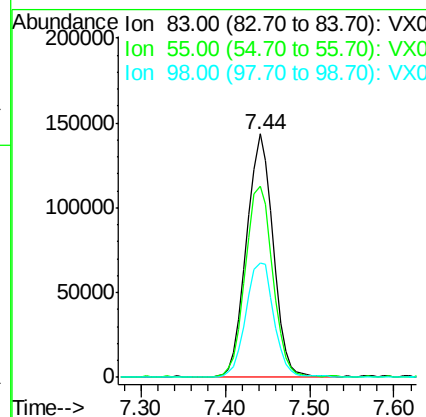
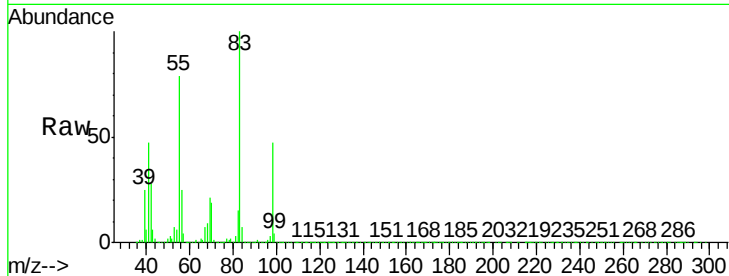
#39
Methvlcvclohexane
Concen: 19.293 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	67.8	101.6
98	46.5	39.3	58.9

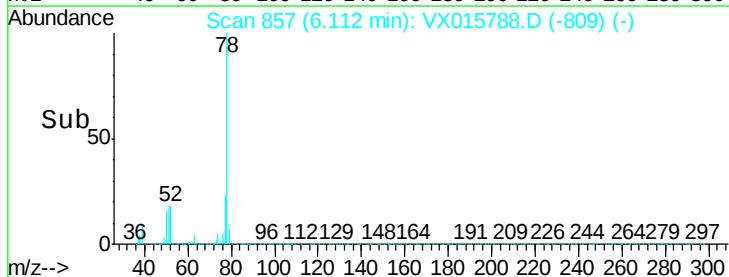
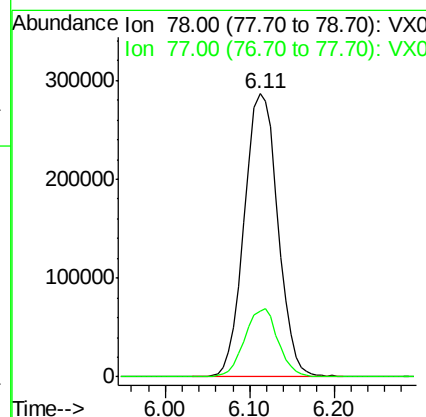
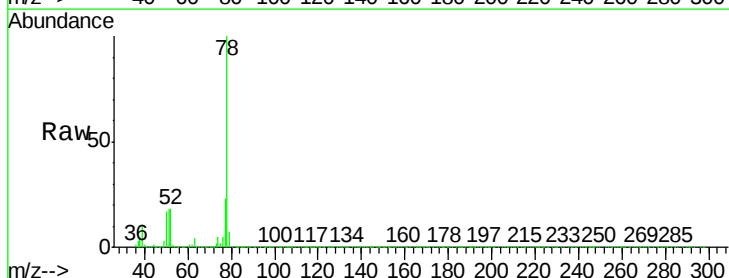
Manual Integrations
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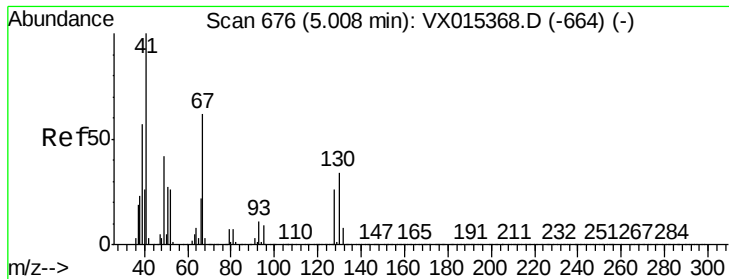
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#40
Benzene
Concen: 19.193 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.8	29.8





#41

Methacrylonitrile

Concen: 17.977 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

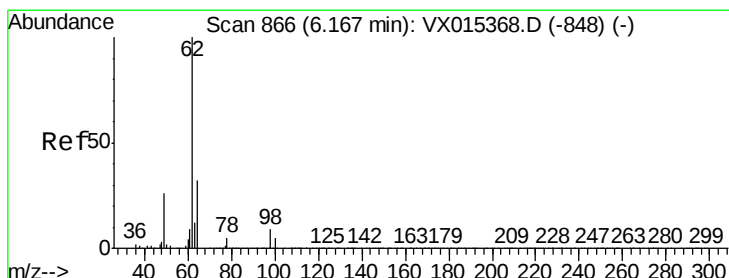
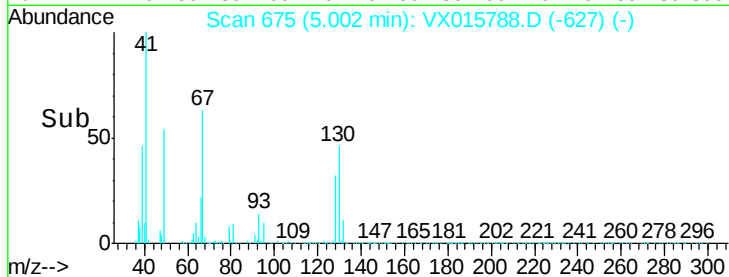
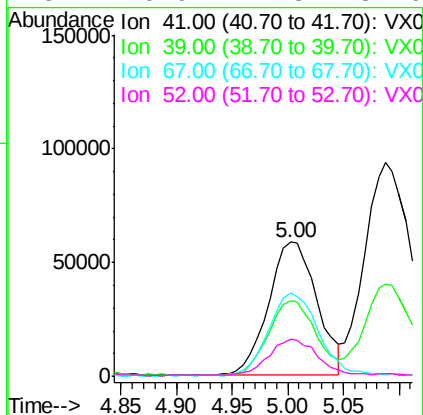
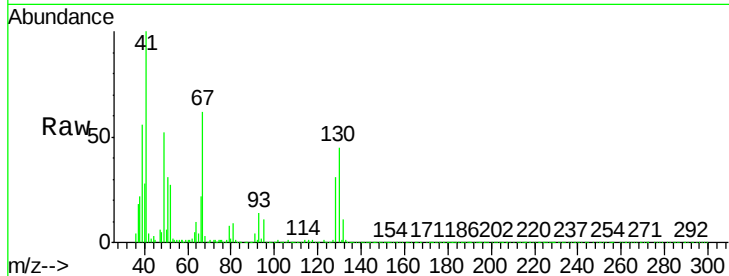
ClientSampleId :

VX0421WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.5	66.7
67	63.0	48.9	73.3
52	26.9	21.8	32.6

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.143 ug/l

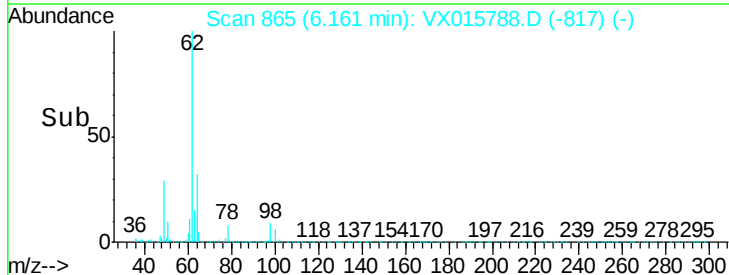
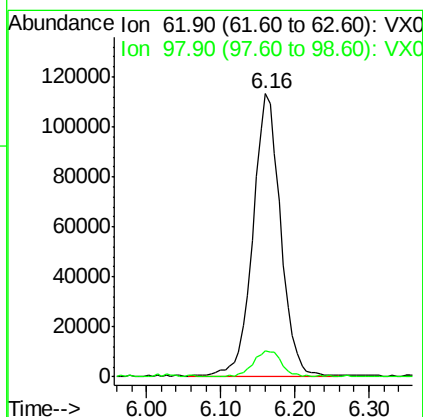
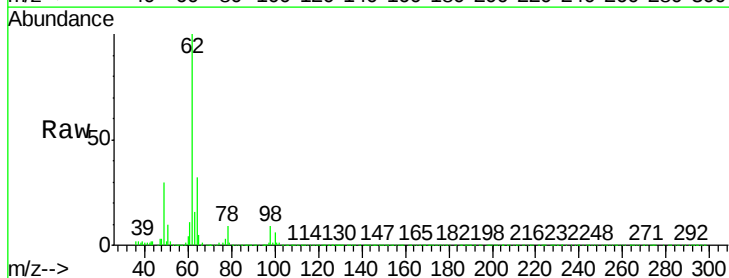
RT: 6.16 min Scan# 865

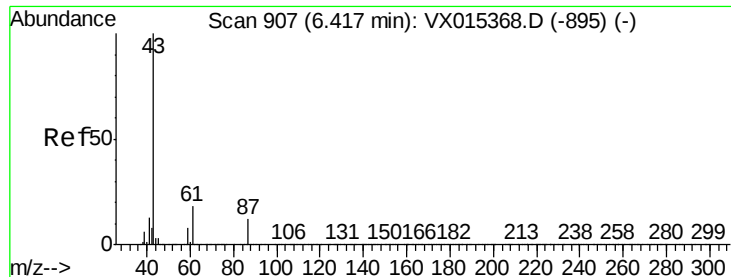
Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 17.496 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

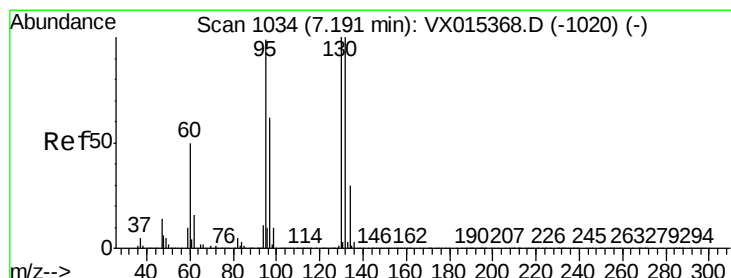
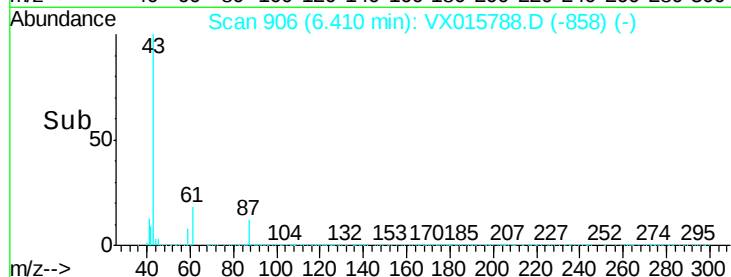
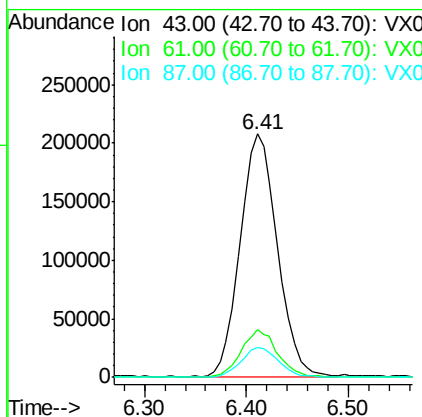
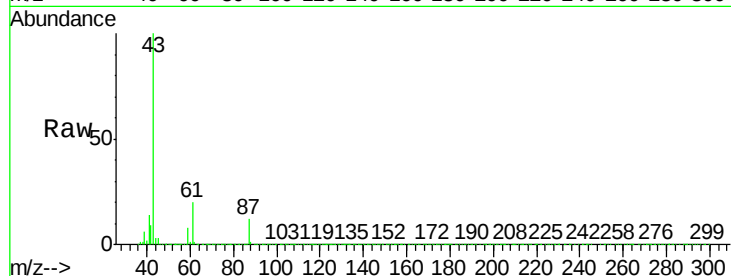
ClientSampleId :

VX0421WBS01

Tot Ion:	43	Resp:	526337
Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.8	22.2
87	12.2	9.4	14.0

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#44

Trichloroethene

Concen: 19.535 ug/l

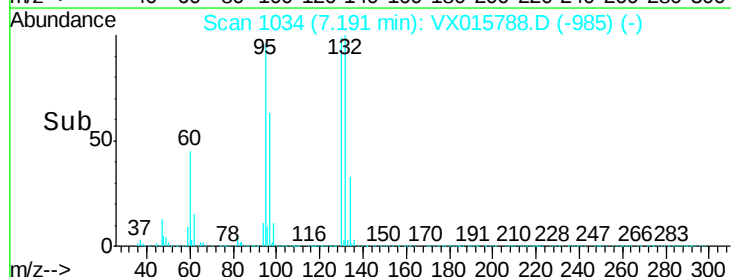
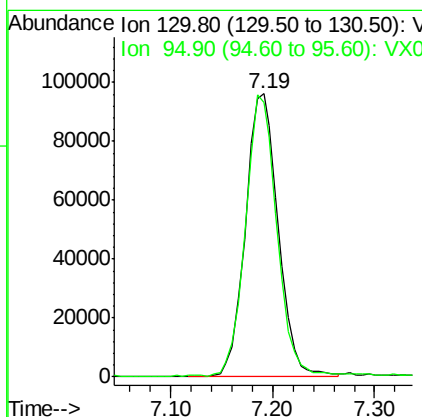
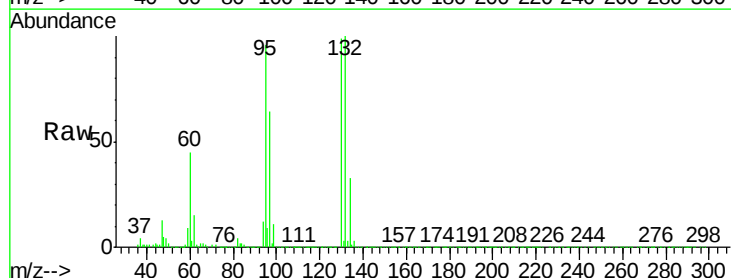
RT: 7.19 min Scan# 1034

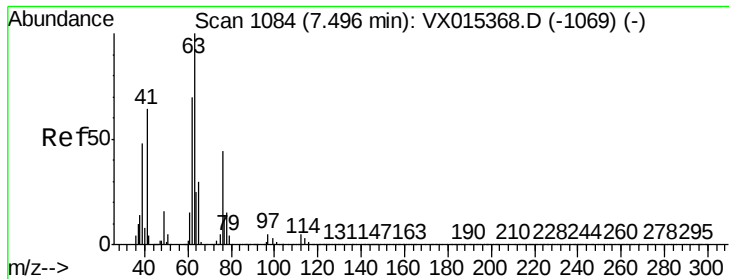
Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion:	130	Resp:	213585
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	199.0





#45

1,2-Dichloropropane

Concen: 18.778 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tot Ion: 63 Resp: 205946

Ion Ratio Lower Upper

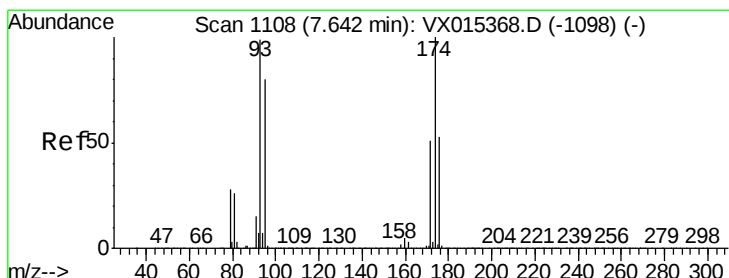
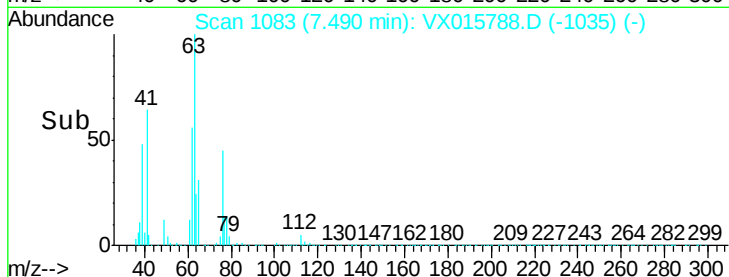
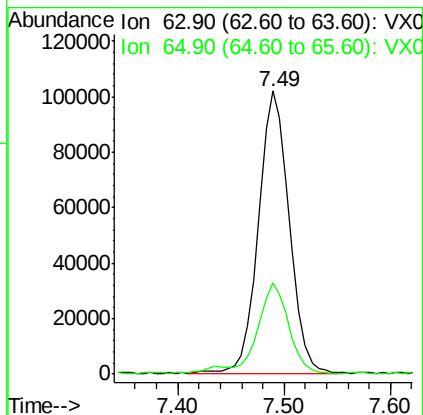
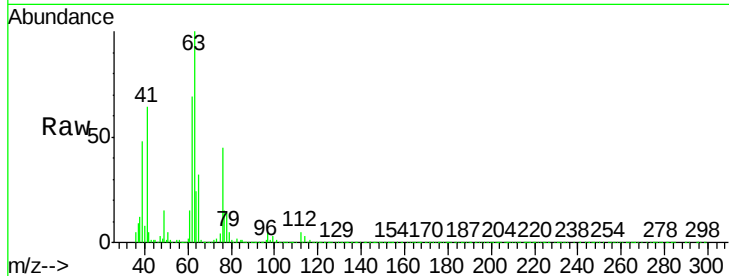
63 100

65 32.0 23.9 35.9

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#46

Dibromomethane

Concen: 18.260 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

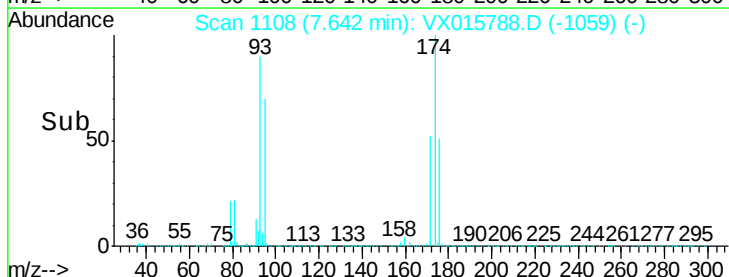
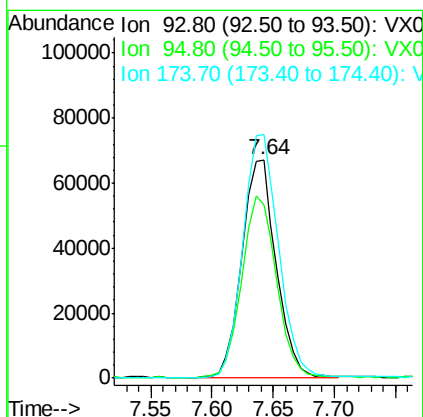
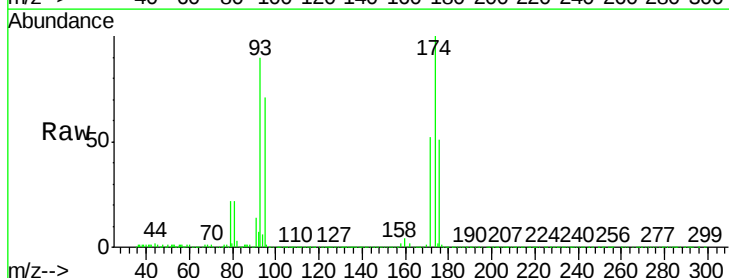
Tgt Ion: 93 Resp: 131369

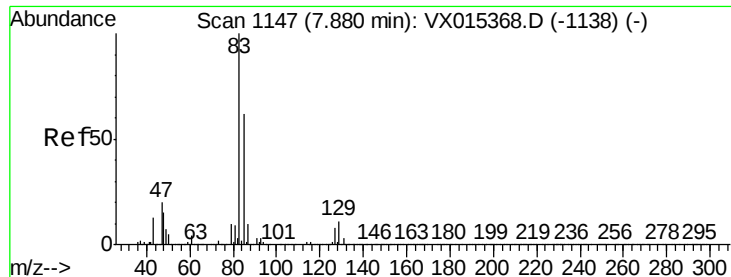
Ion Ratio Lower Upper

93 100

95 85.1 65.8 98.8

174 116.4 86.2 129.2





#47

Bromodichloromethane

Concen: 18.116 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

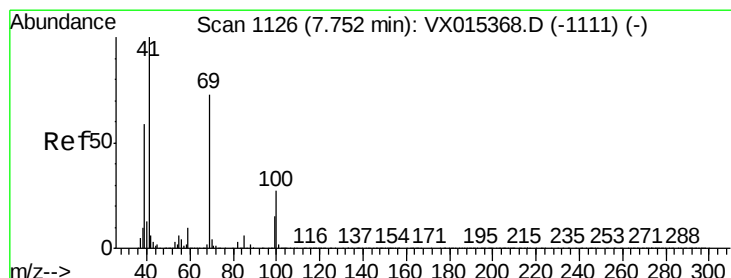
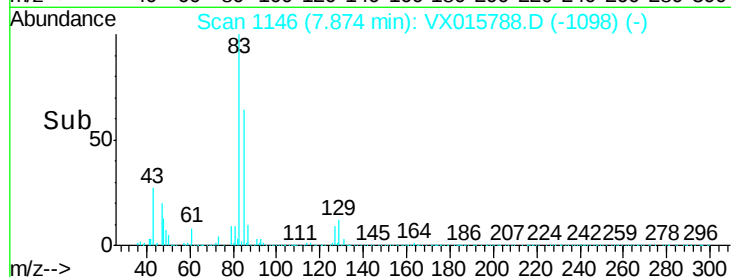
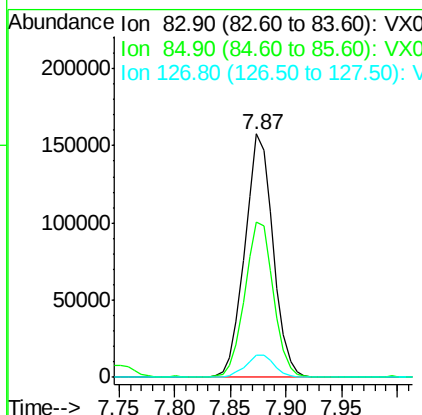
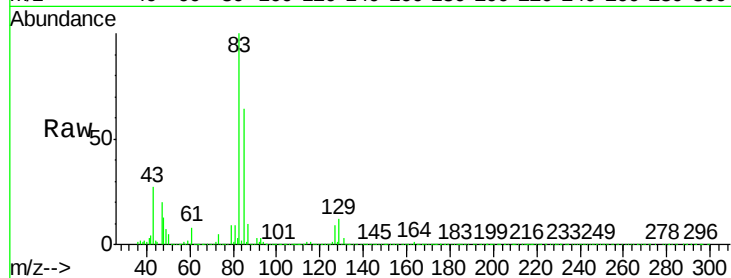
ClientSampleId :

VX0421WBS01

Tot Ion:	83	Resp:	277710
Ion Ratio	Lower	Upper	
83	100		
85	63.6	49.7	74.5
127	9.2	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.394 ug/l

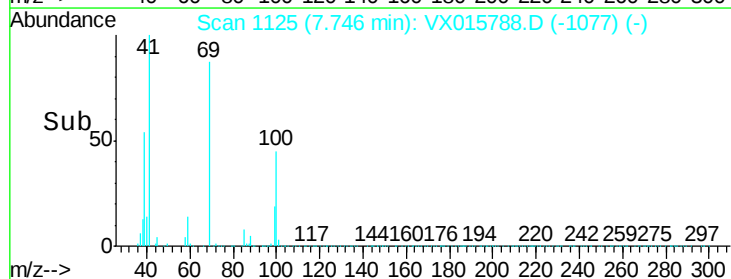
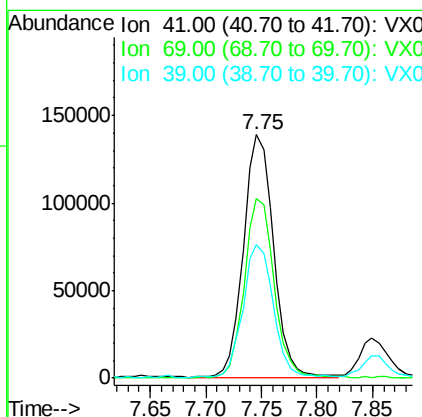
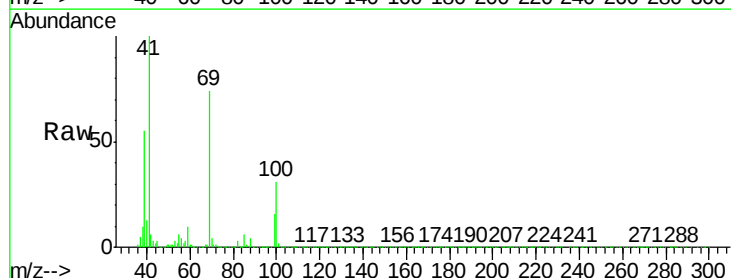
RT: 7.75 min Scan# 1125

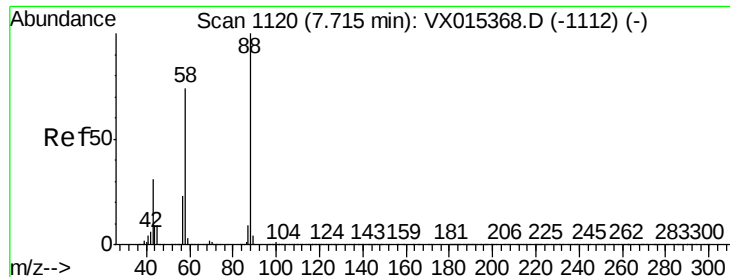
Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion:	41	Resp:	261363
Ion Ratio	Lower	Upper	
41	100		
69	72.5	56.7	85.1
39	54.9	46.5	69.7





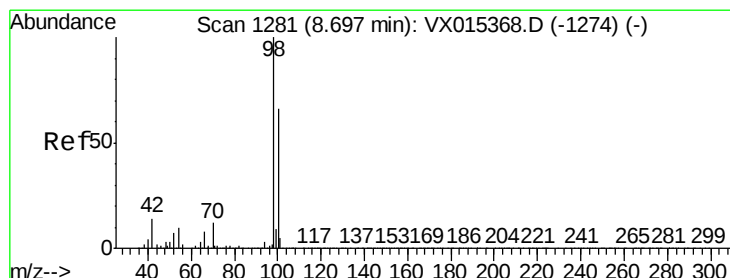
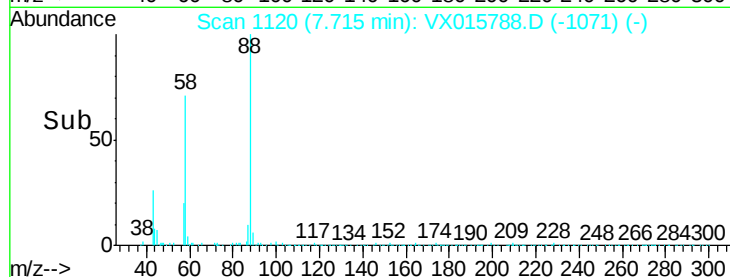
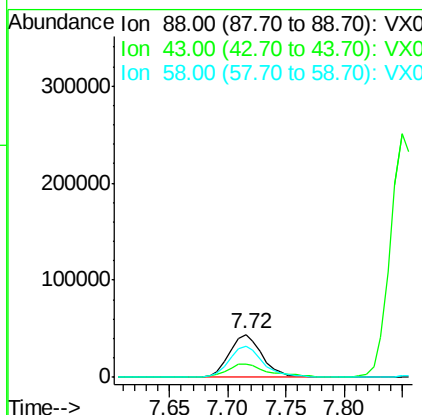
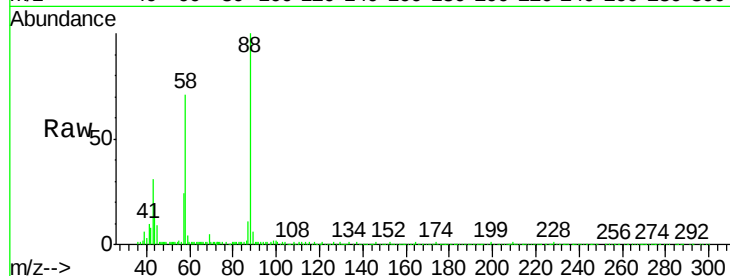
#49
1,4-Dioxane
Concen: 307.251 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.3	30.1	45.1
58	74.3	60.6	90.8

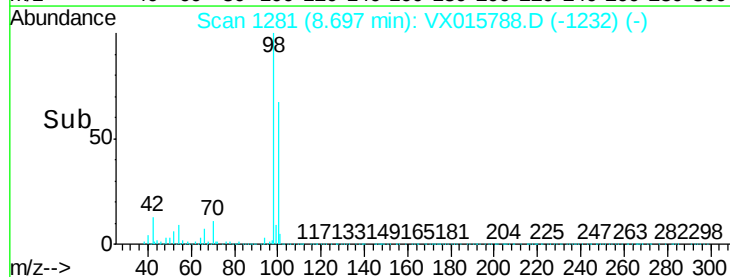
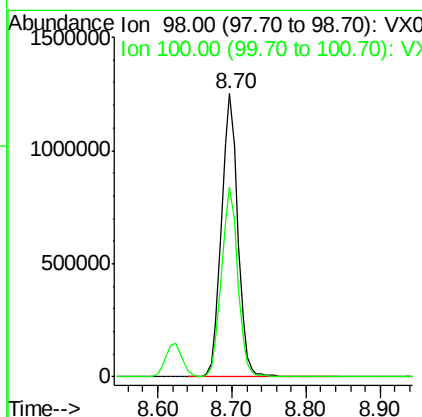
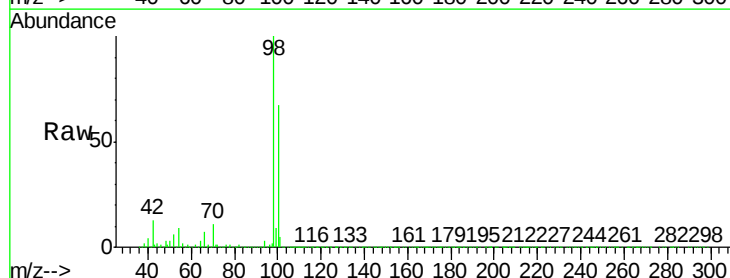
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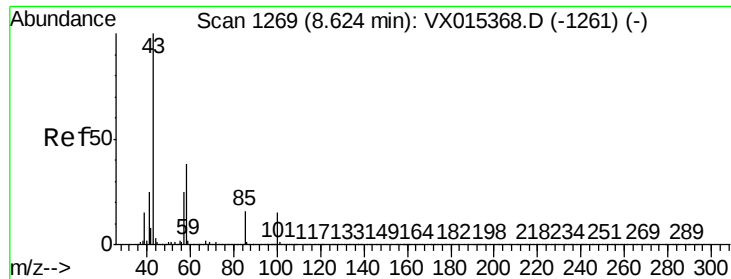
MMDadoda
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#50
Toluene-d8
Concen: 54.653 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 92.135 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tot Ion: 43 Resp: 1570754

Ion Ratio Lower Upper

43 100

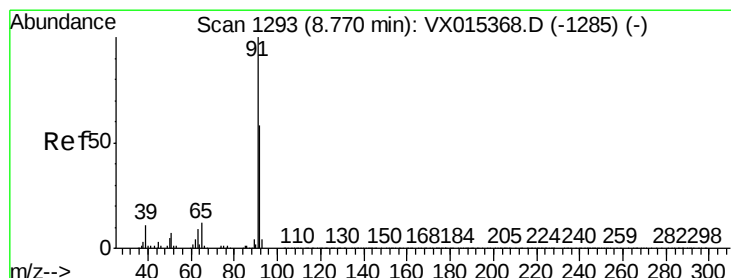
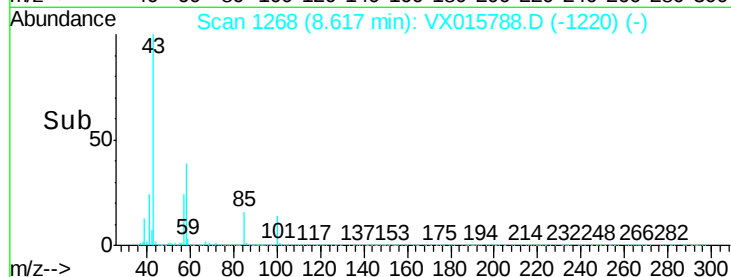
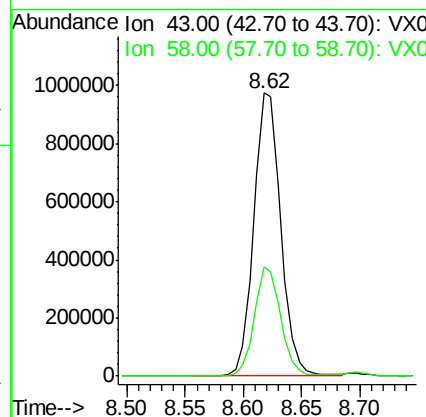
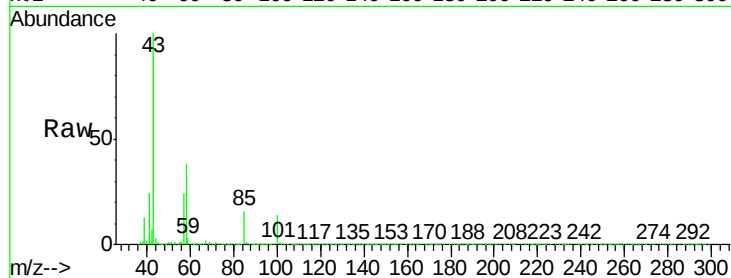
58 37.6 29.7 44.5

Manual Integrations

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#52

Toluene

Concen: 19.721 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015788.D

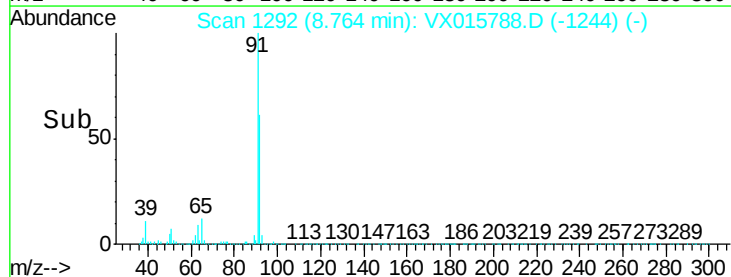
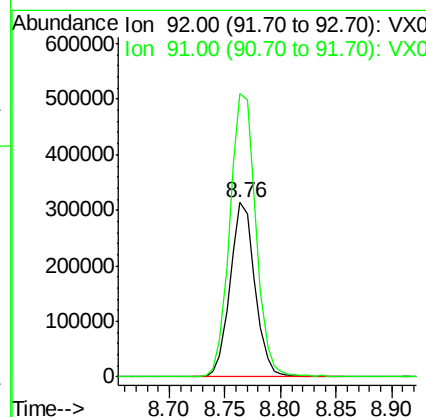
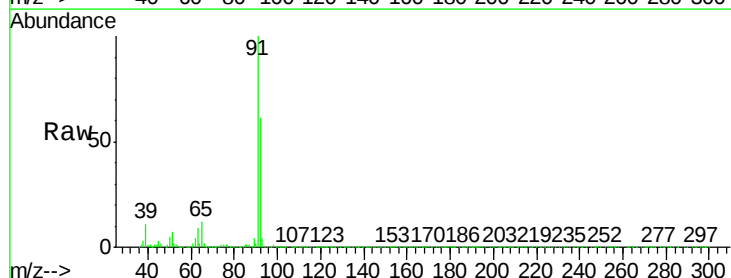
Acq: 21 Apr 2020 12:48

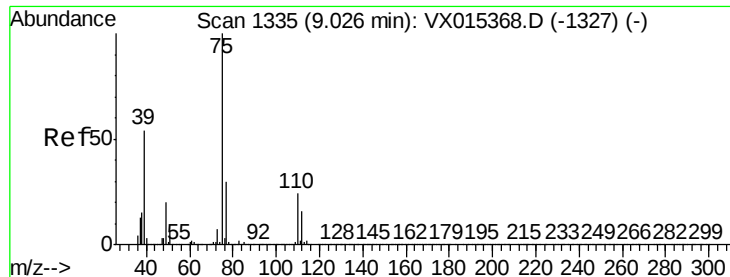
Tgt Ion: 92 Resp: 487447

Ion Ratio Lower Upper

92 100

91 169.4 136.6 205.0





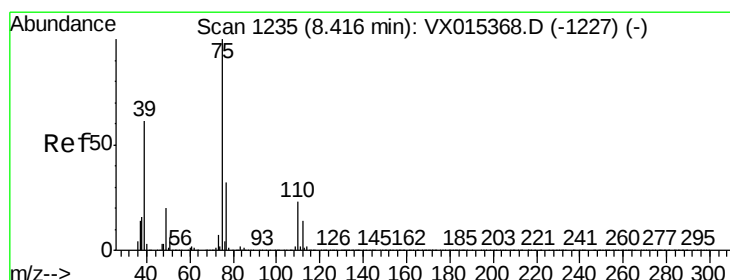
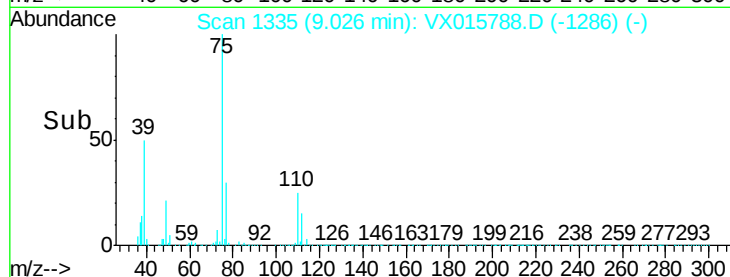
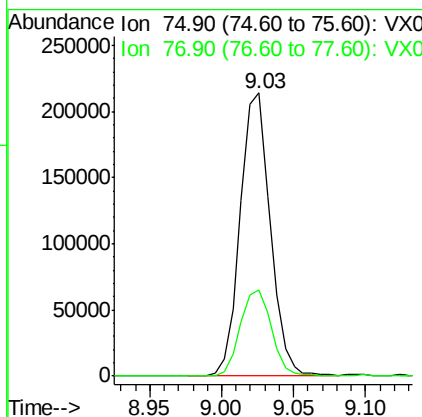
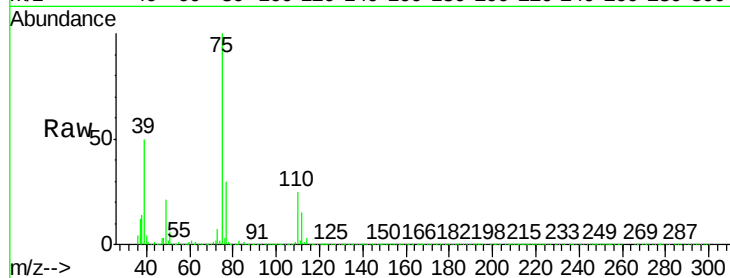
#53
t-1,3-Dichloropropene
Concen: 17.215 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.1	36.1

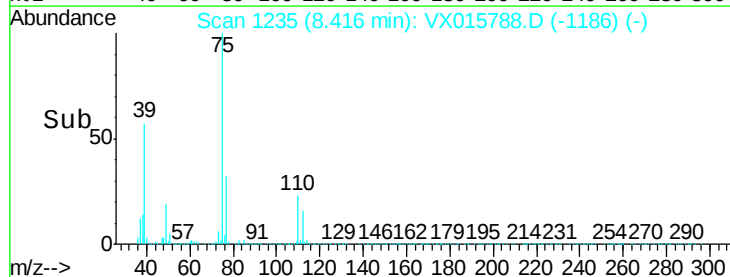
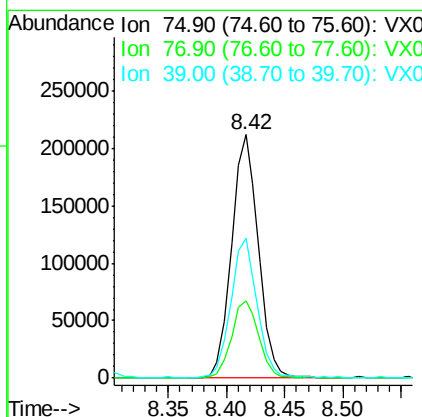
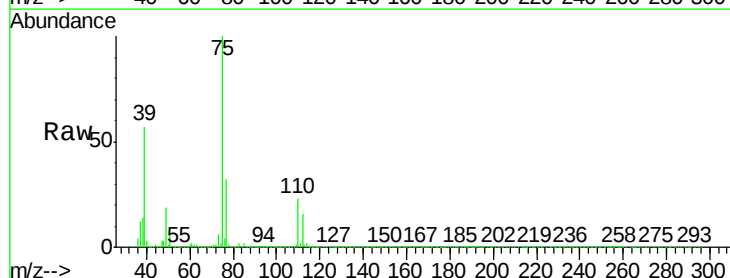
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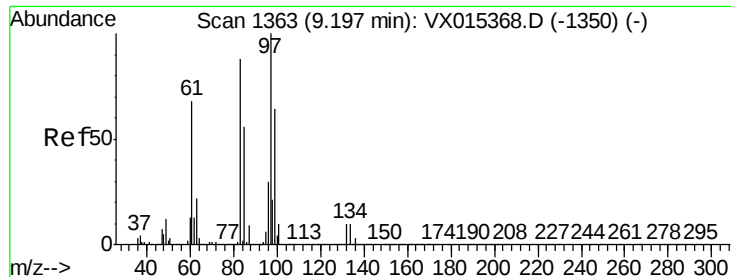
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#54
cis-1,3-Dichloropropene
Concen: 18.495 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.6
39	57.0	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 19.960 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

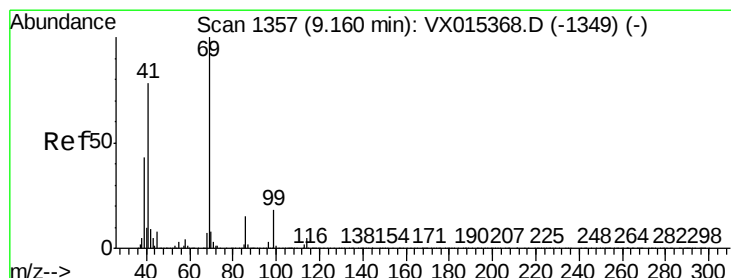
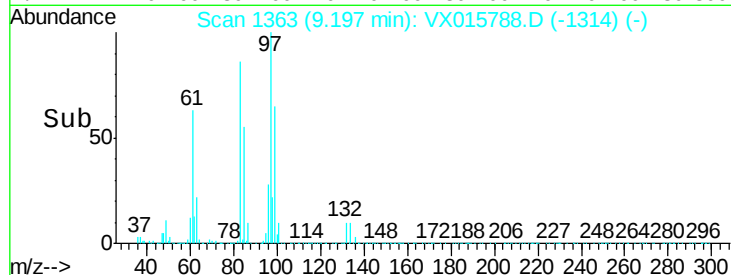
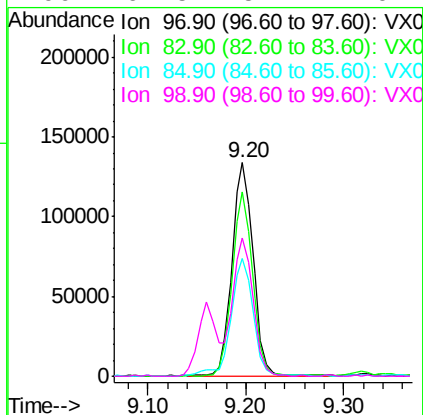
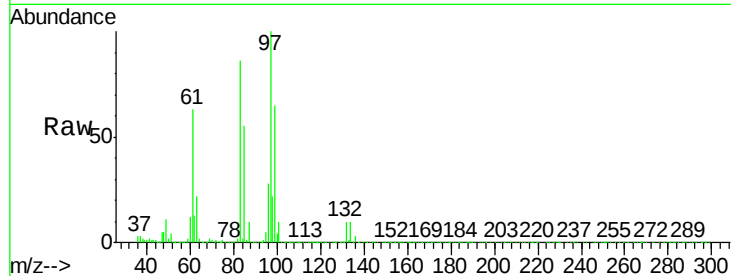
ClientSampleId :

VX0421WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		202127		
83	85.9	70.2	105.4		
85	54.9	44.7	67.1		
99	64.5	51.1	76.7		

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#56

Ethyl methacrylate

Concen: 18.167 ug/l

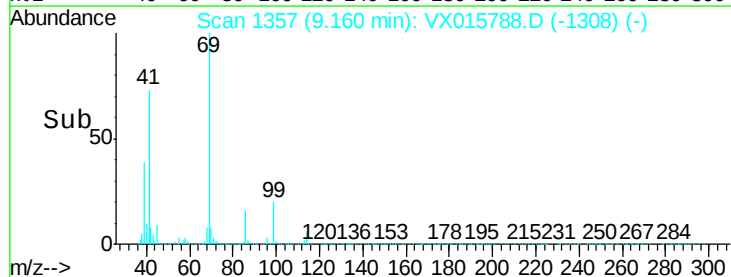
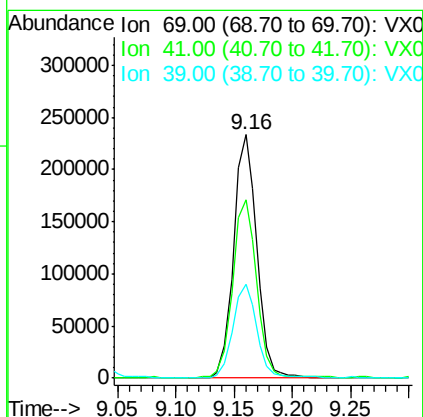
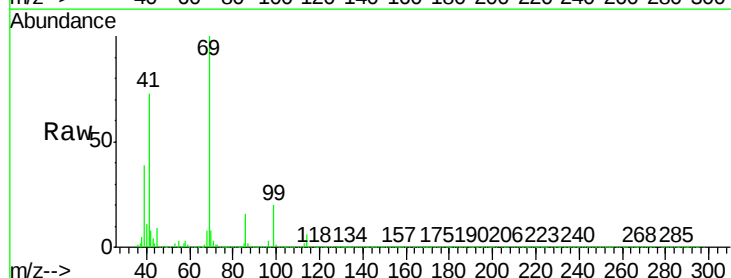
RT: 9.16 min Scan# 1357

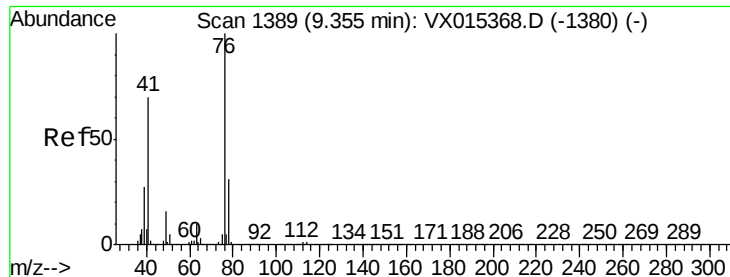
Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		324220		
41	75.6	61.6	92.4		
39	39.0	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.842 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tot Ion: 76 Resp: 343776

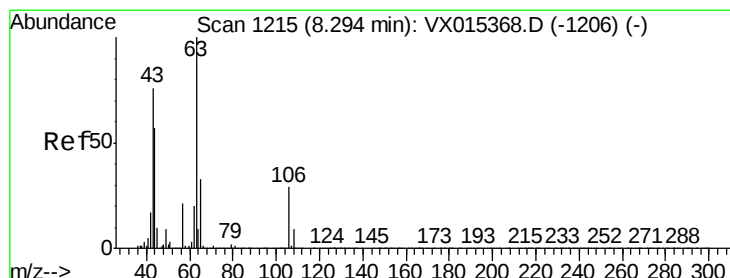
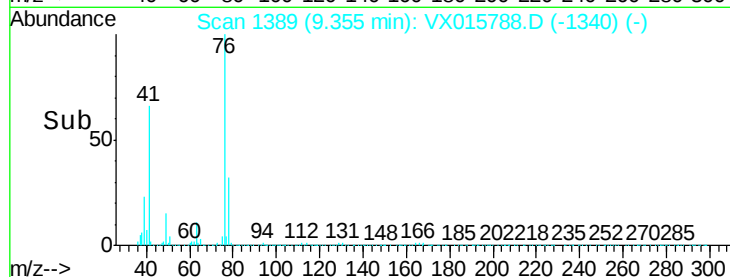
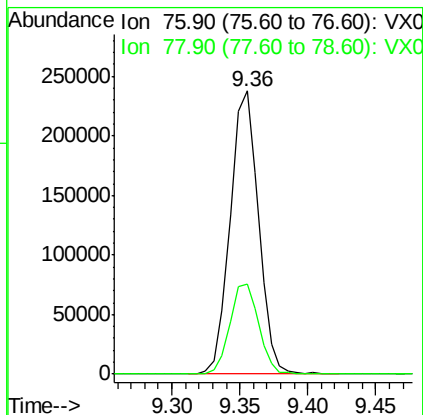
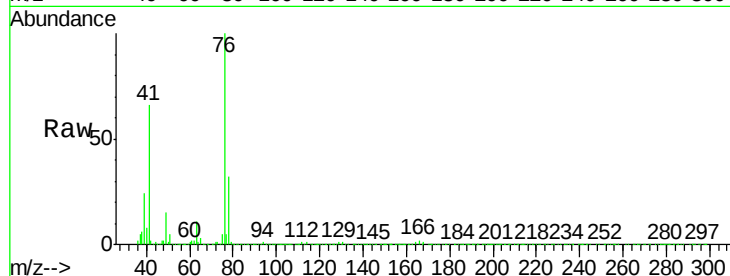
Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 84.595 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015788.D

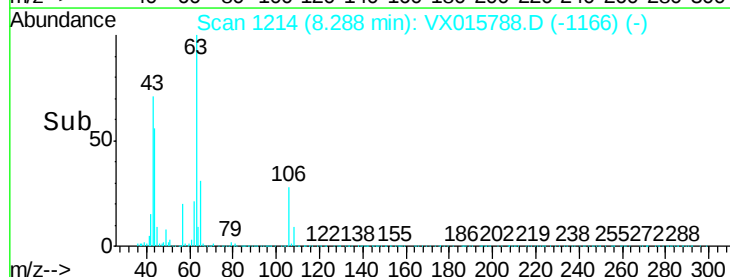
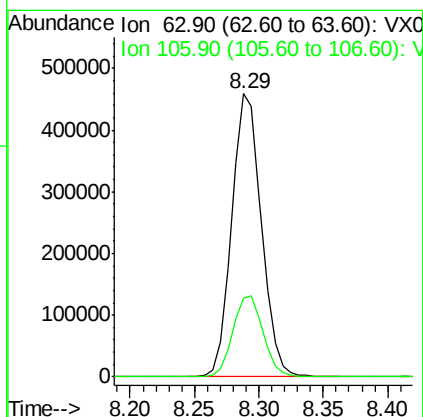
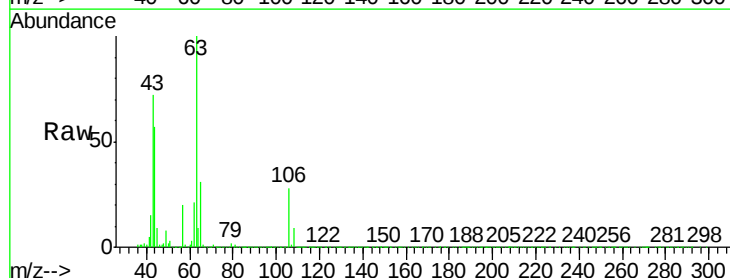
Acq: 21 Apr 2020 12:48

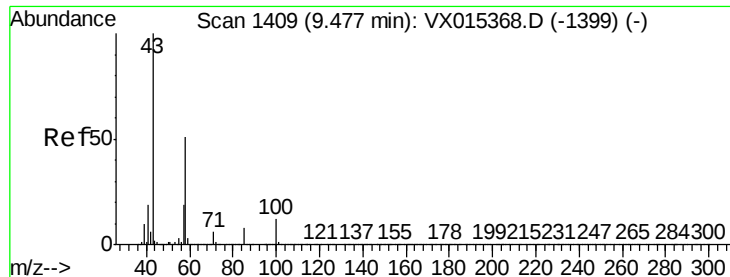
Tgt Ion: 63 Resp: 734348

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1





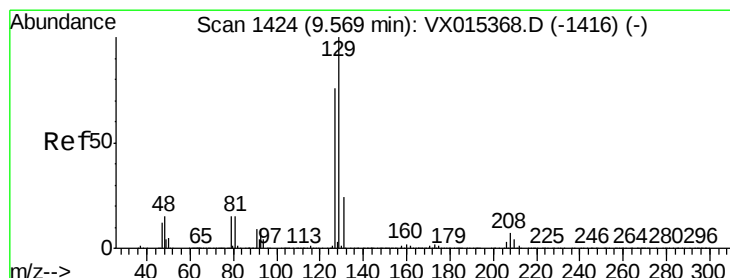
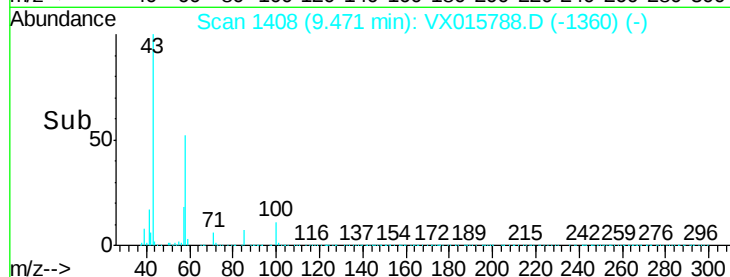
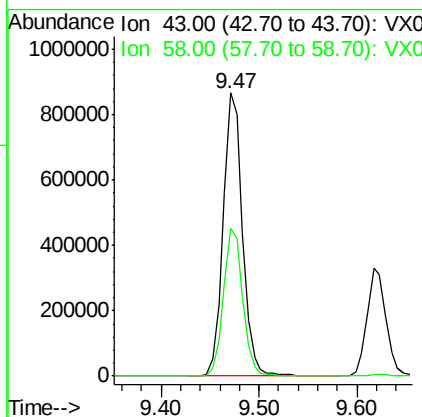
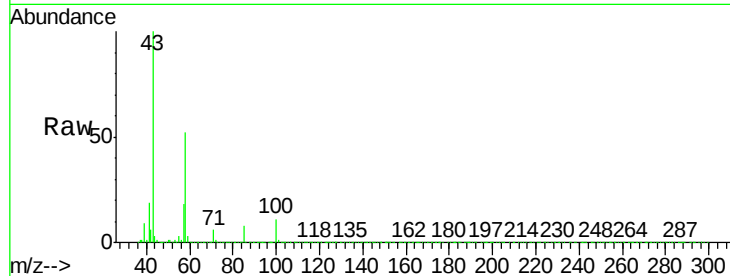
#59
2-Hexanone
Concen: 91.744 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion: 43 Resp: 1180853
Ion Ratio Lower Upper
43 100
58 52.4 25.6 76.6

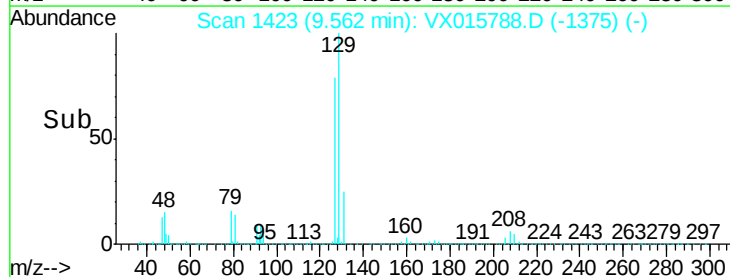
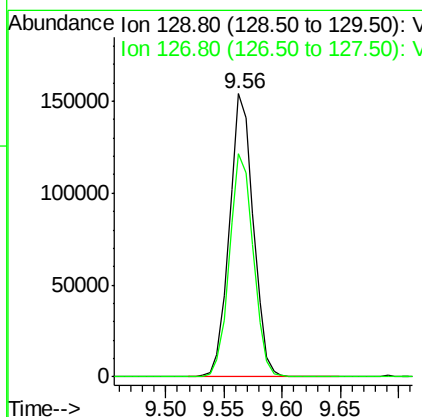
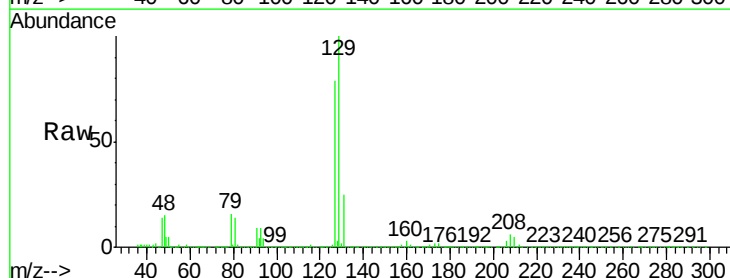
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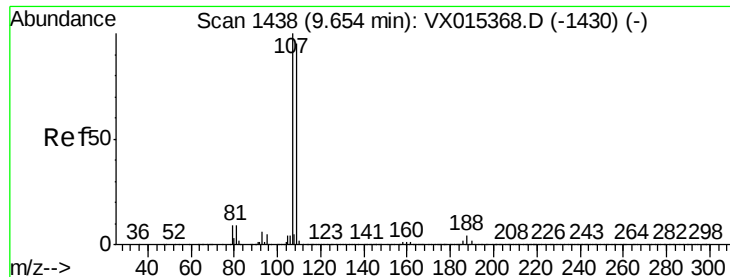
MMDadoda
4/22/2020 10:02:15 AM



#60
Dibromochloromethane
Concen: 18.141 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion:129 Resp: 220751
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6





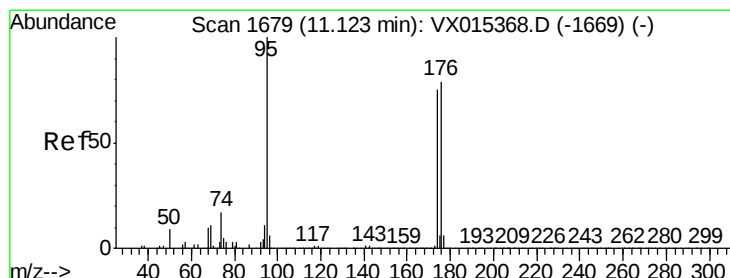
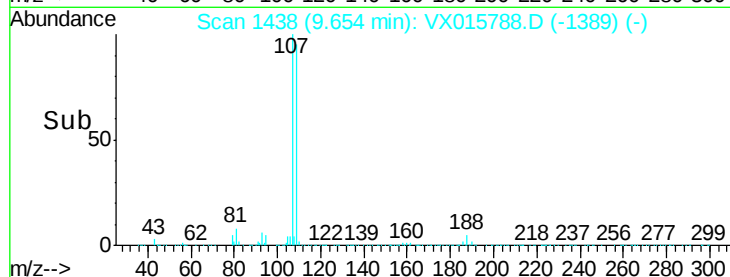
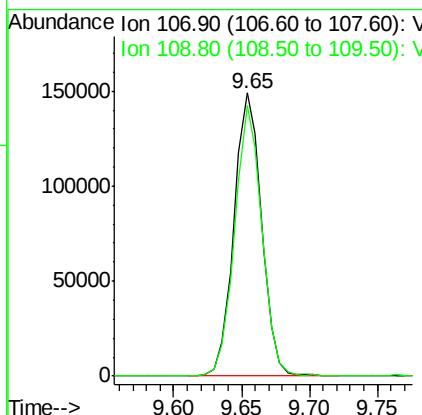
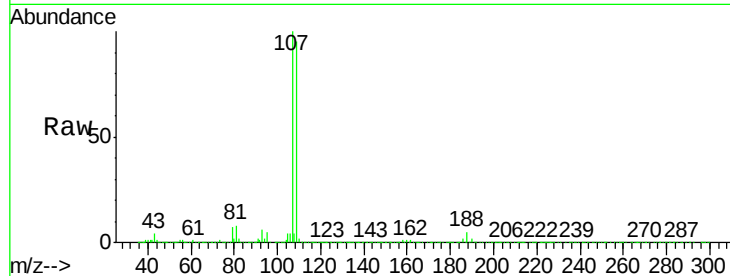
#61
 1,2-Dibromoethane
 Concen: 19.034 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015788.D
 Acq: 21 Apr 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	209589		
109	93.7	74.8	112.2	

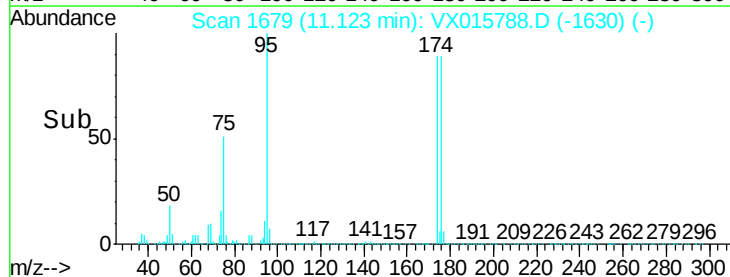
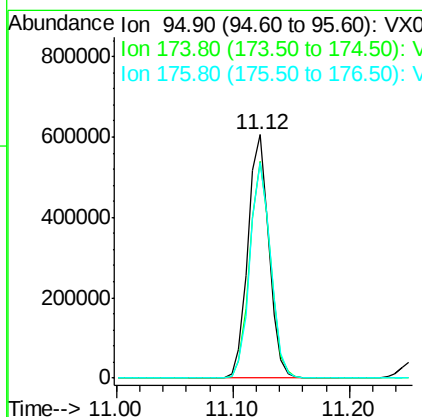
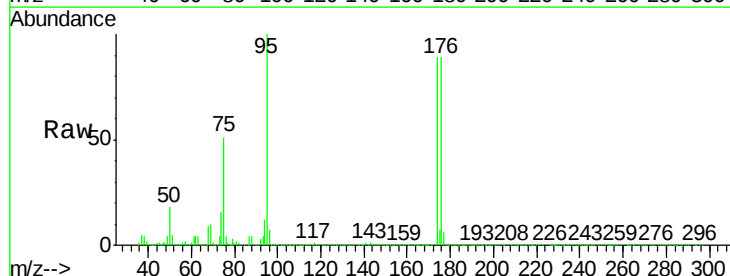
Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:02:15 AM



#62
 4-Bromofluorobenzene
 Concen: 54.105 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015788.D
 Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	768662		
174	88.1	0.0	158.6	
176	87.4	0.0	159.0	





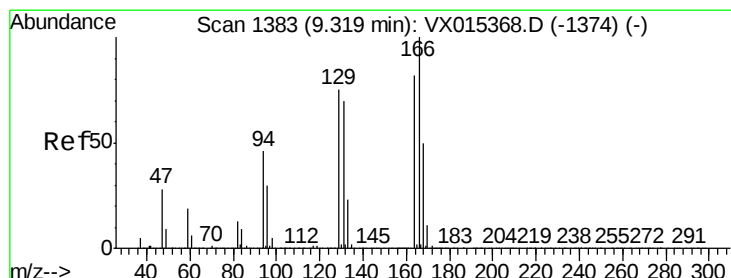
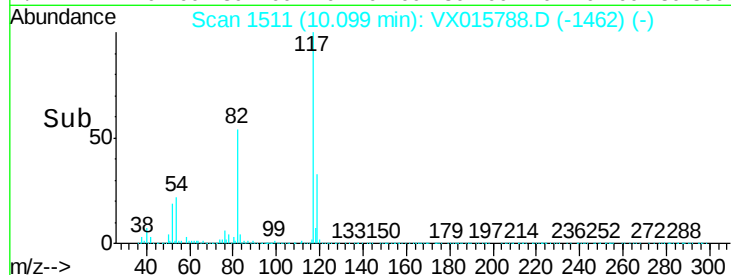
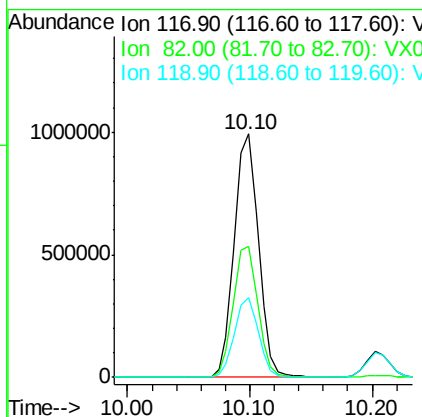
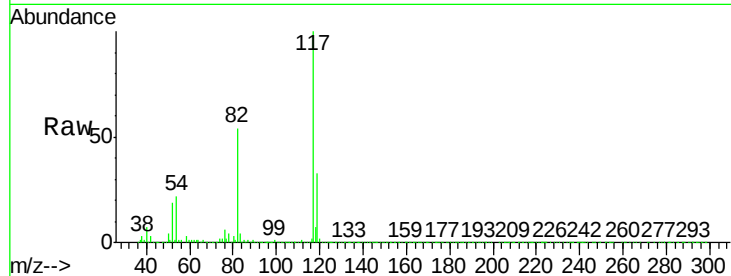
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	47.8	71.8
119	32.7	26.8	40.2

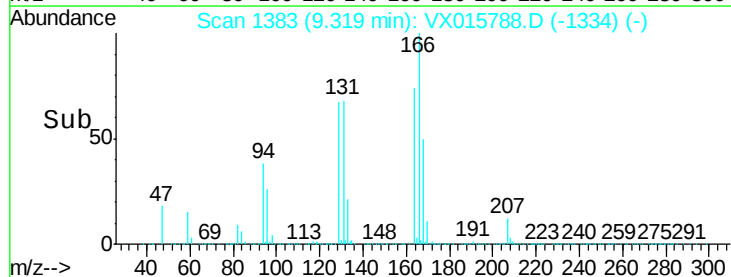
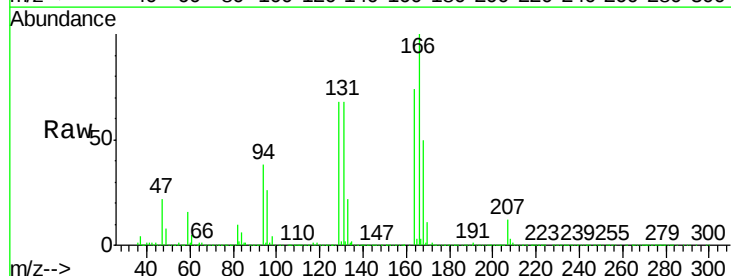
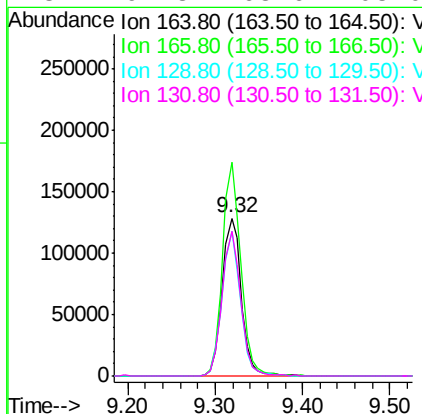
Manual Integrations
APPROVED

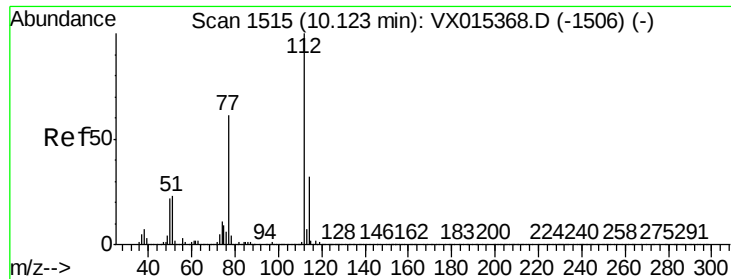
MMDadoda
4/22/2020 10:02:15 AM



#64
Tetrachloroethene
Concen: 19.025 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.2	97.8	146.6
129	91.4	73.0	109.4
131	91.3	68.6	103.0





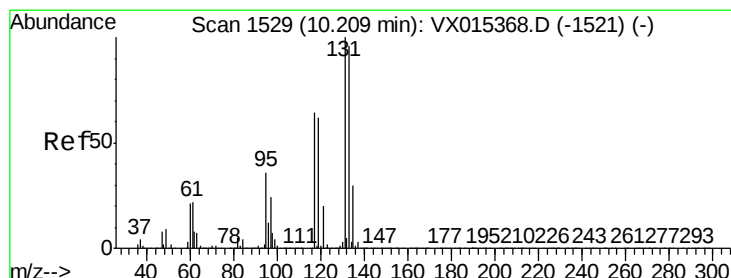
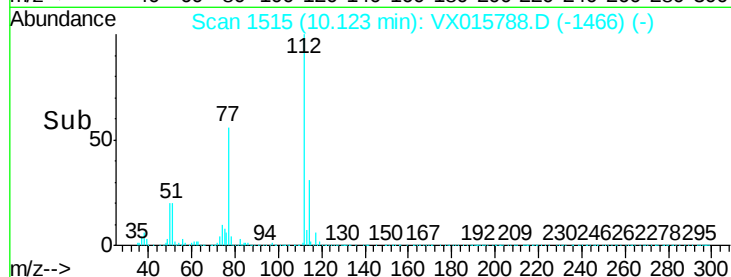
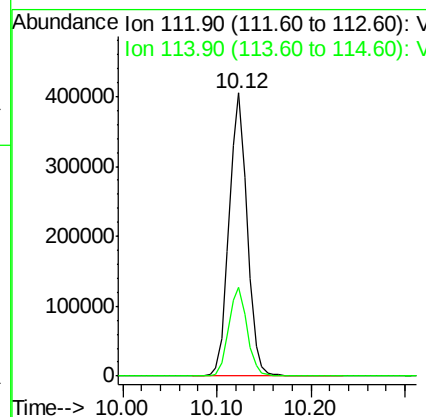
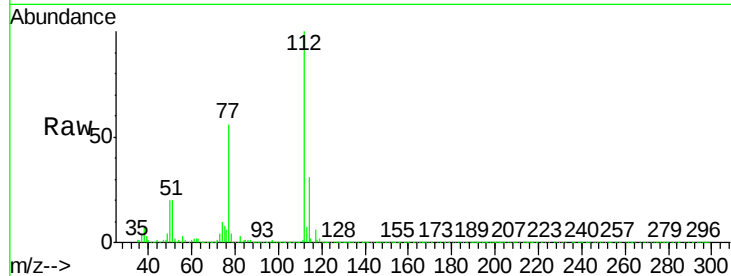
#65
Chlorobenzene
Concen: 19.932 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.5	38.3

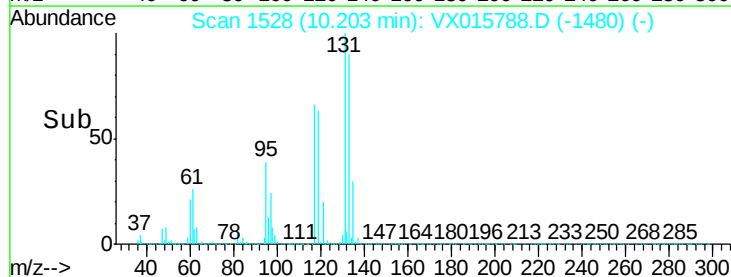
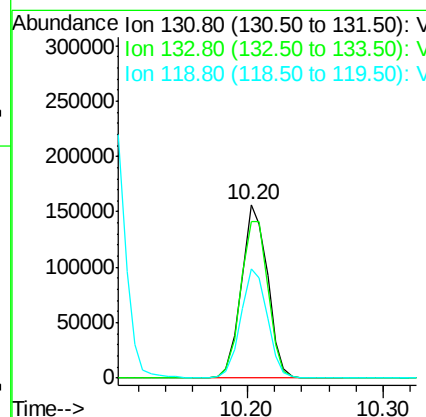
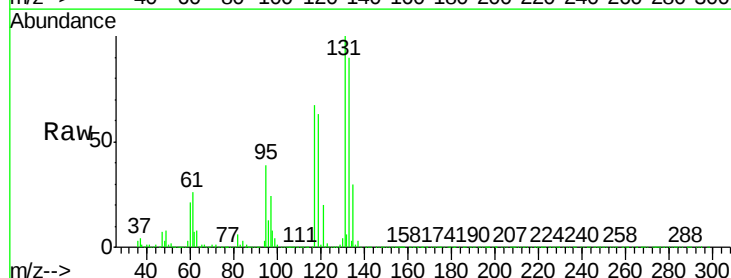
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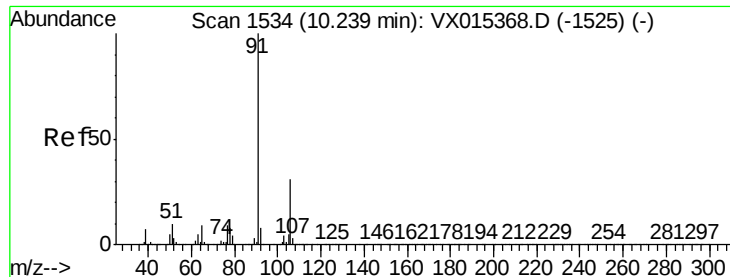
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.260 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.6	142.9
119	63.8	31.1	93.3





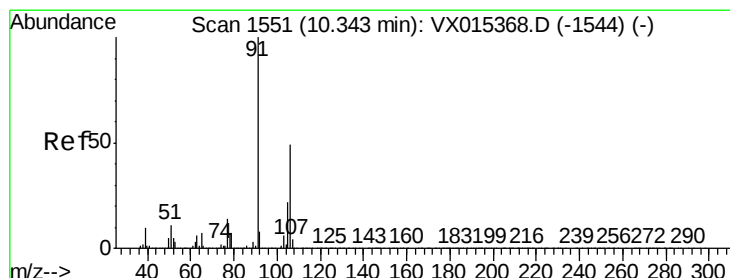
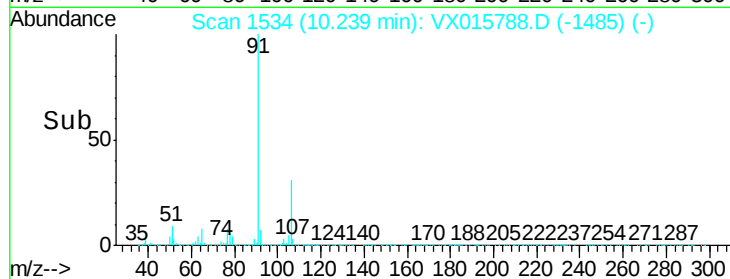
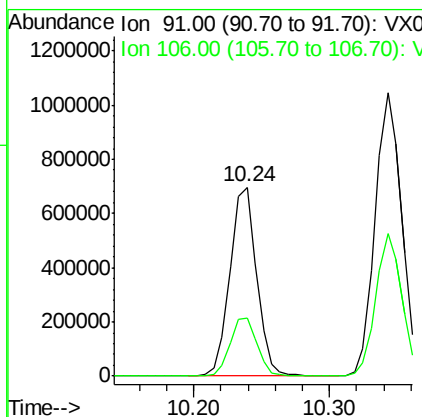
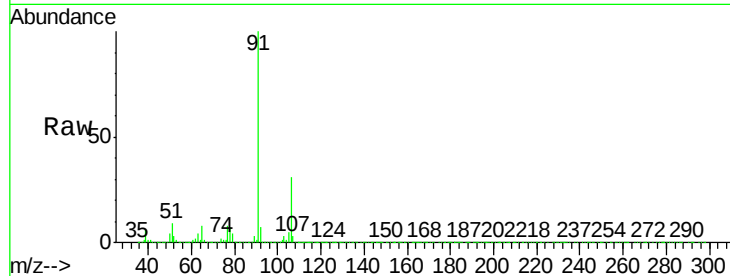
#67
Ethyl Benzene
Concen: 19.928 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion: 91 Resp: 955987
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

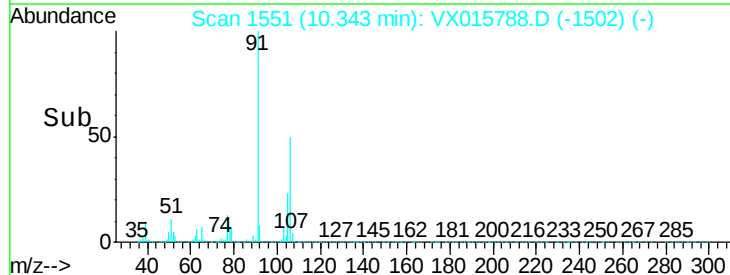
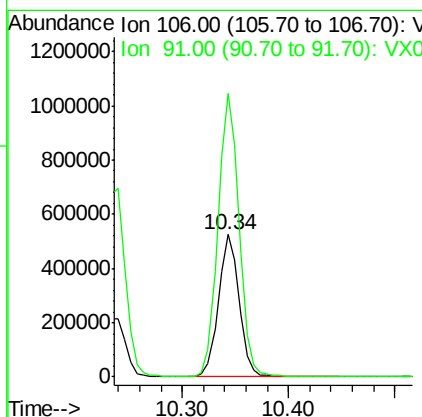
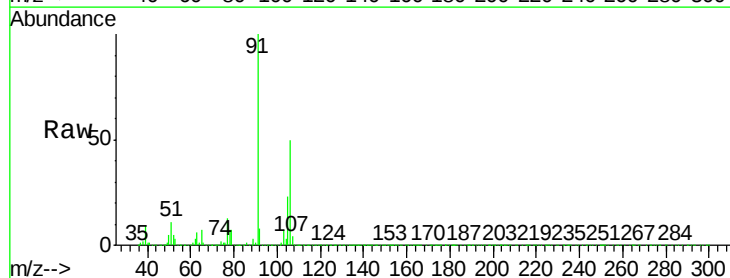
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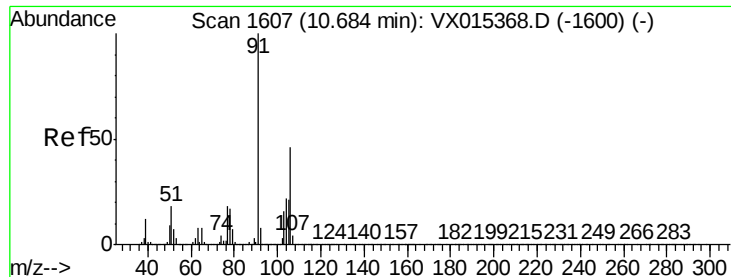
MMDadoda
4/22/2020 10:02:15 AM



#68
m/p-Xylenes
Concen: 39.553 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion: 106 Resp: 706554
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.0





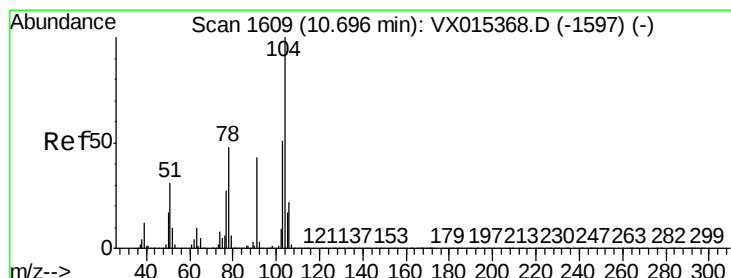
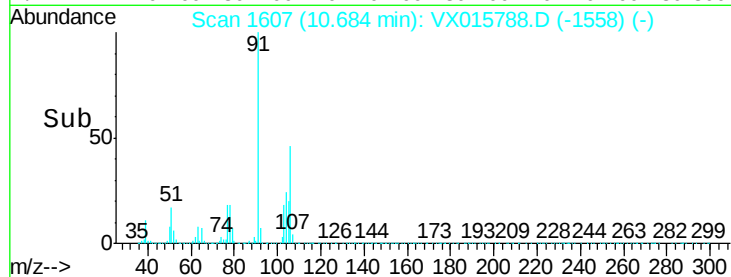
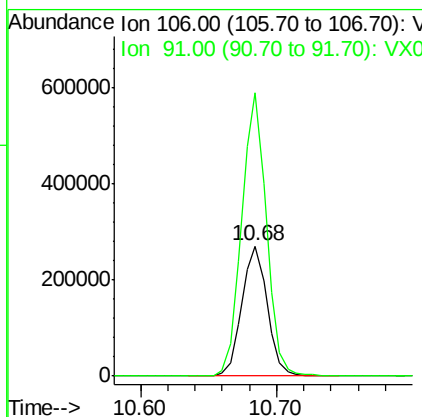
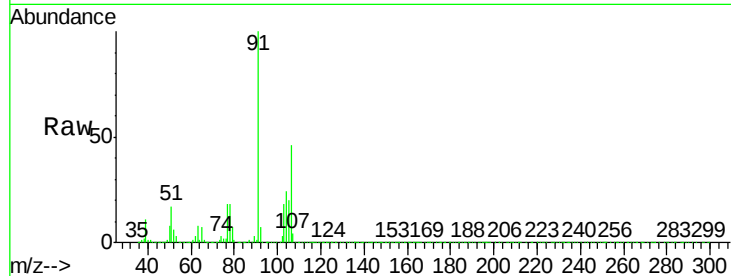
#69
o-Xylene
Concen: 19.893 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	351149		
91	211.8	107.1	321.3	

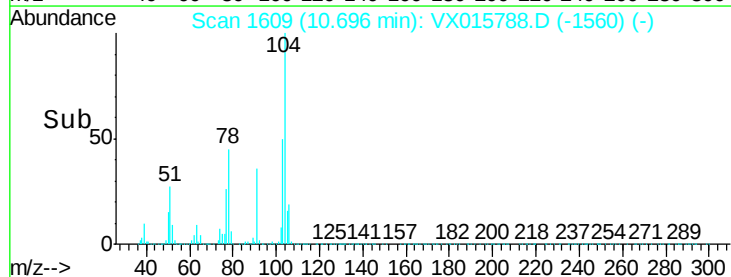
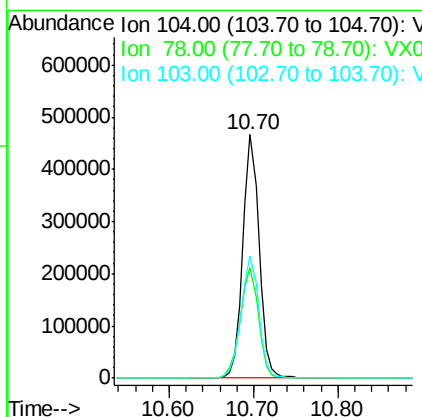
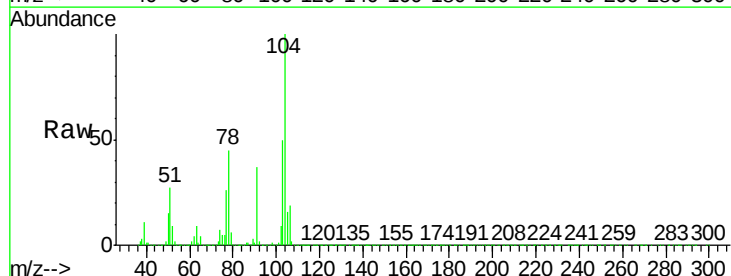
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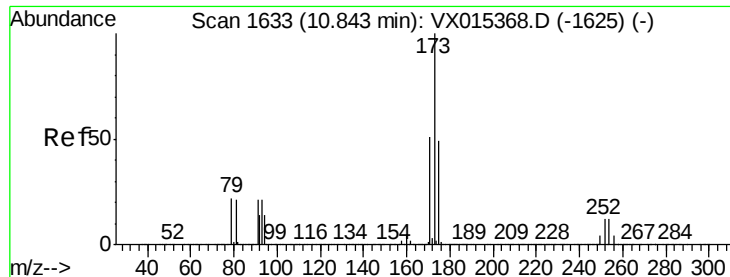
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#70
Styrene
Concen: 19.288 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	599136		
78	50.7	42.0	63.0	
103	54.9	43.4	65.0	





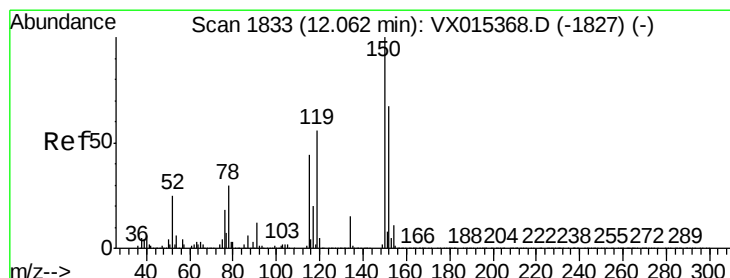
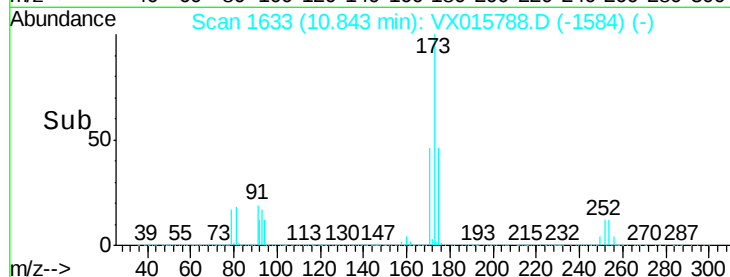
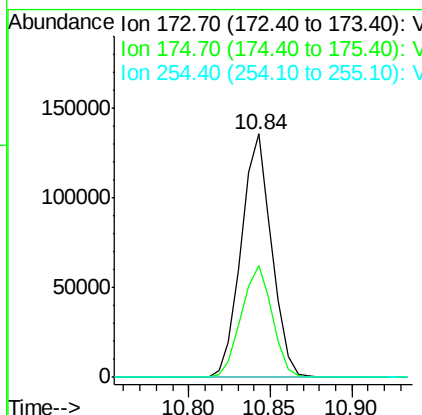
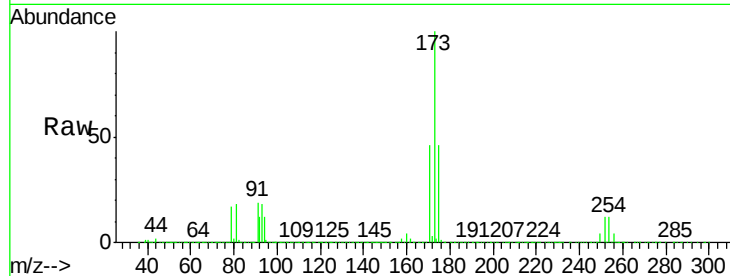
#71
Bromoform
Concen: 17.961 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	23.9	71.7
254	0.3	0.1	0.1#

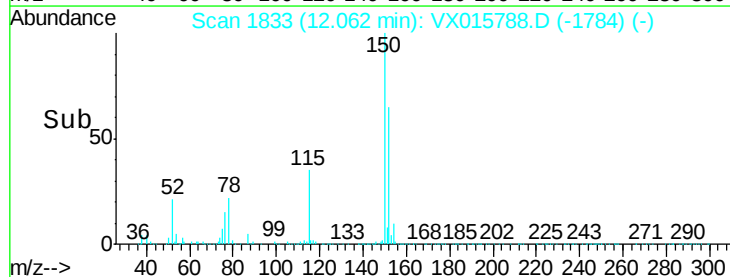
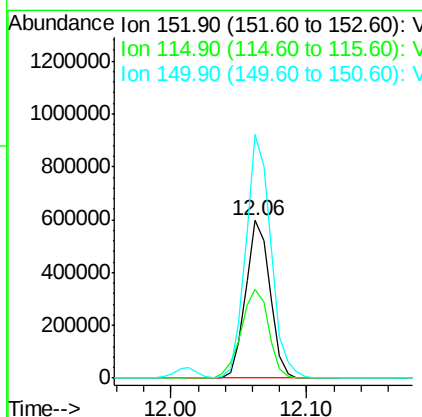
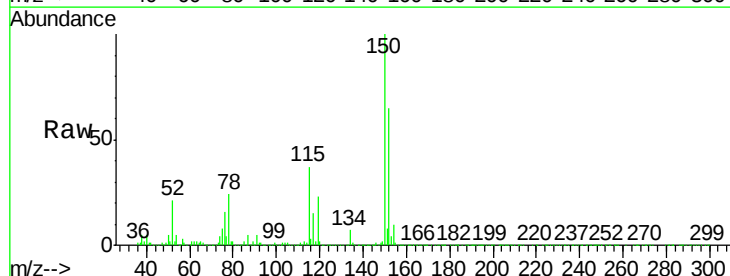
Manual Integrations
APPROVED

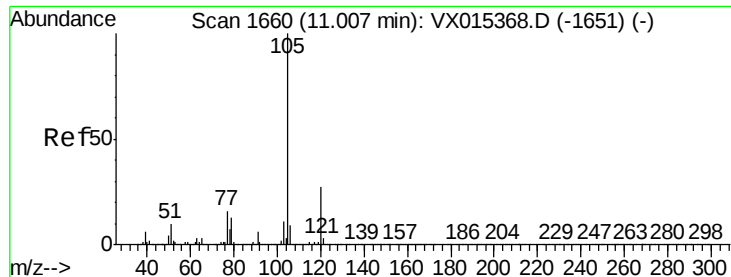
MMDadoda
4/22/2020 10:02:15 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	39.0	116.9
150	160.7	0.0	340.8





#73

Isopropylbenzene

Concen: 19.310 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tot Ion: 105 Resp: 937238

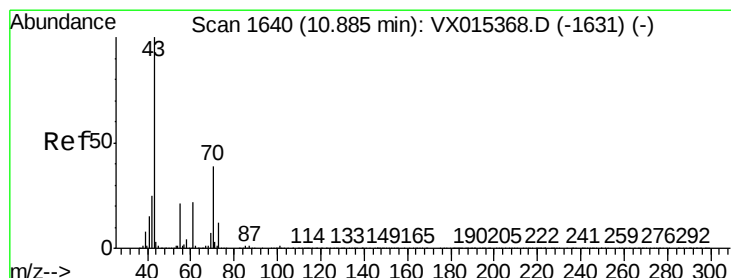
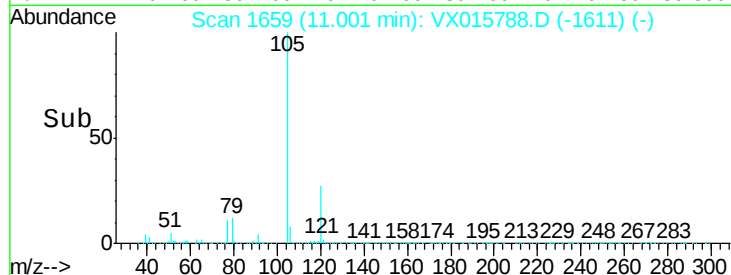
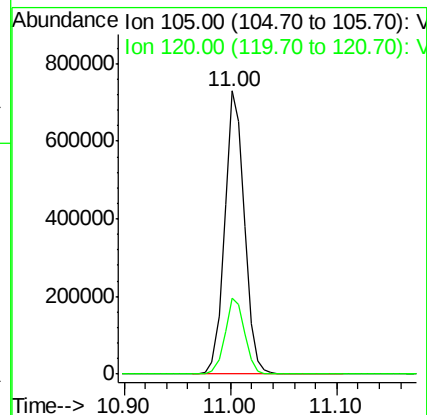
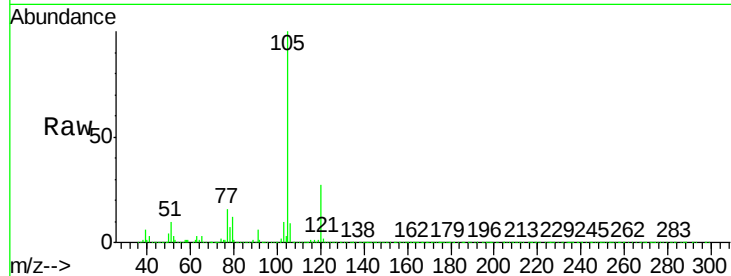
Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5

Manual Integrations
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4/22/2020 10:02:15 AM



#74

N-ethyl acetate

Concen: 16.686 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion: 43 Resp: 450430

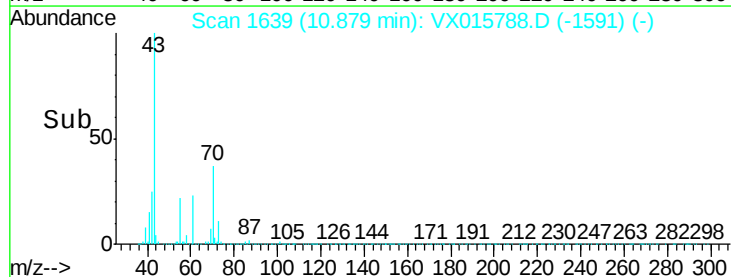
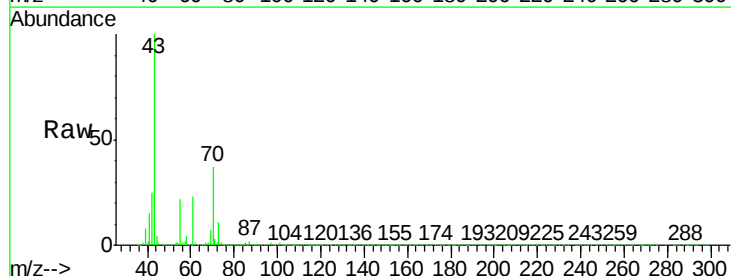
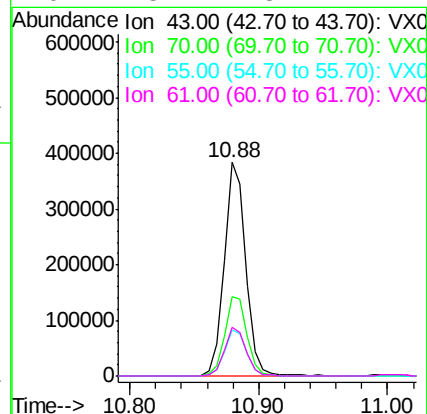
Ion Ratio Lower Upper

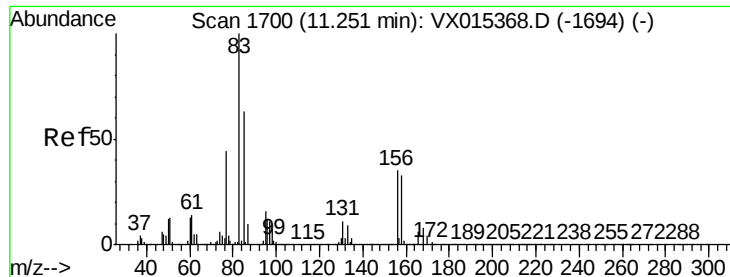
43 100

70 38.6 30.2 45.4

55 21.9 16.8 25.2

61 23.1 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.409 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

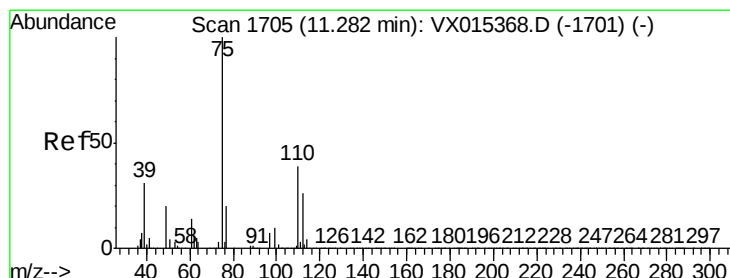
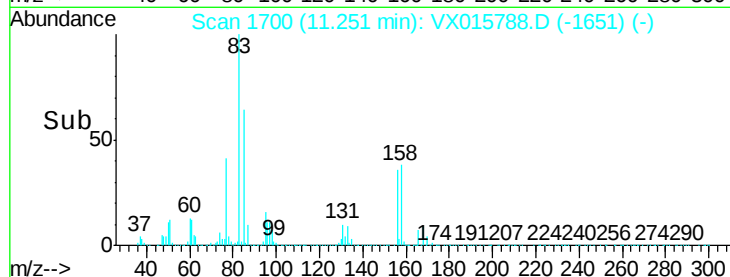
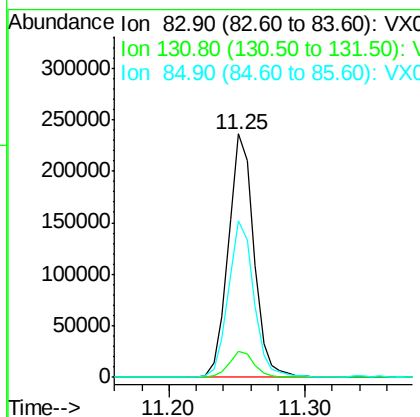
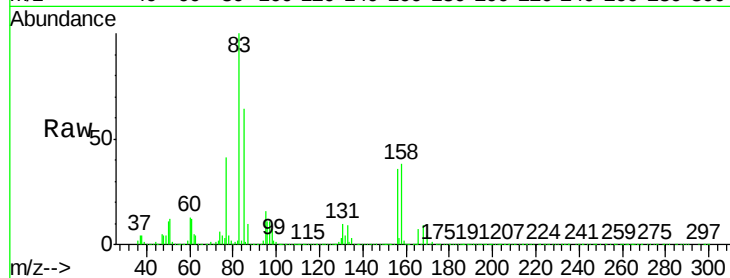
ClientSampleId :

VX0421WBS01

Tot Ion:	83	Resp:	306593
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	64.3	32.0	96.0

Manual Integrations
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4/22/2020 10:02:15 AM



#76

1,2,3-Trichloropropane

Concen: 18.160 ug/l m

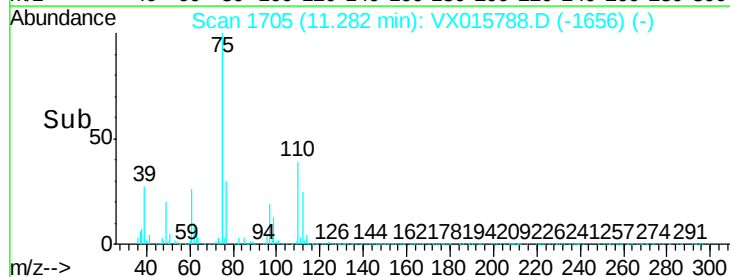
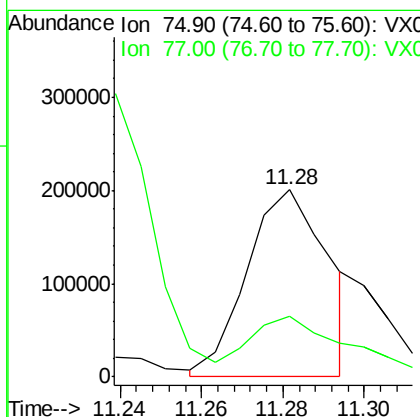
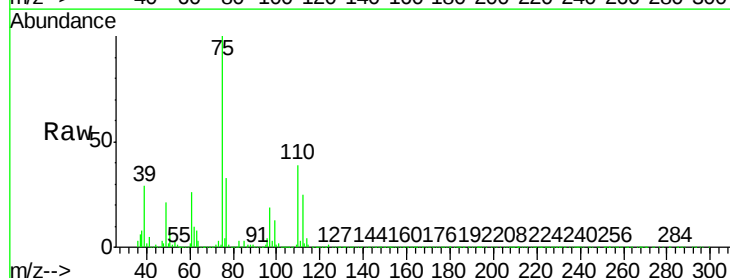
RT: 11.28 min Scan# 1705

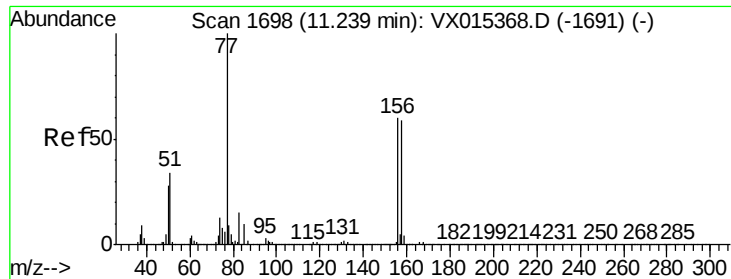
Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion:	75	Resp:	276640
Ion Ratio	Lower	Upper	
75	100		
77	39.5	21.2	63.6





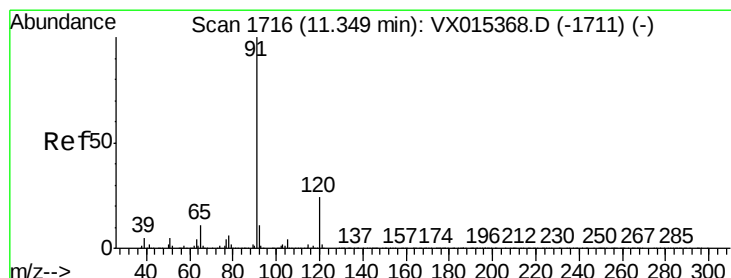
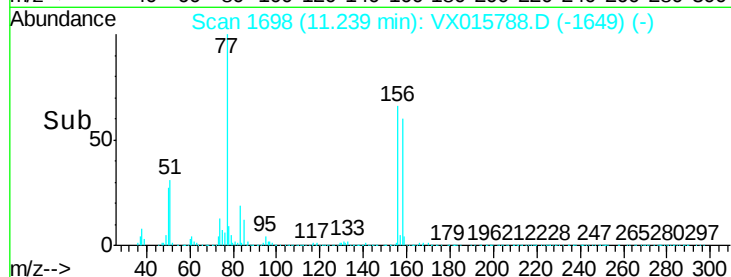
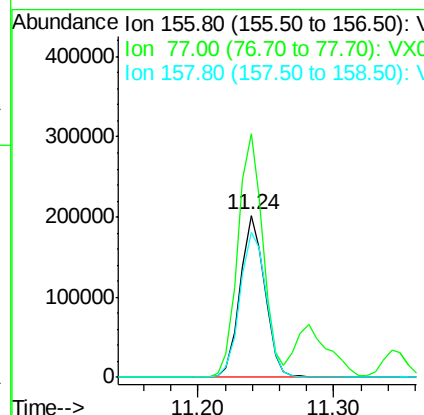
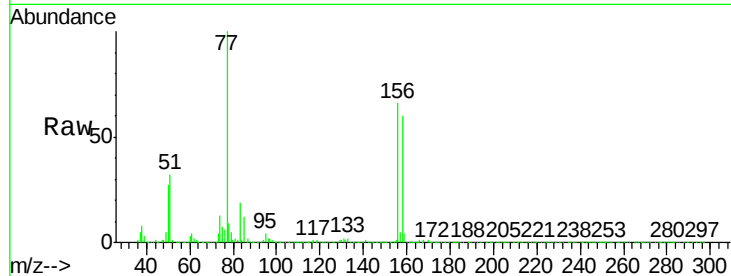
#77
Bromobenzene
Concen: 19.699 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.4	82.2	246.5
158	95.9	49.3	147.9

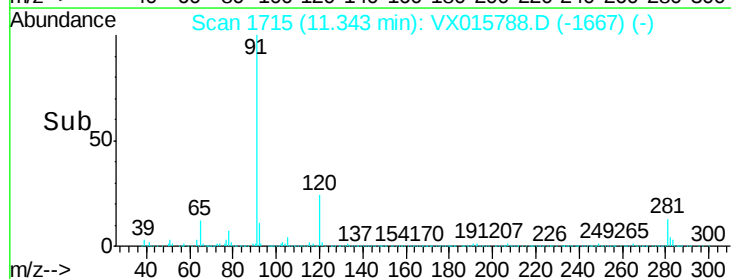
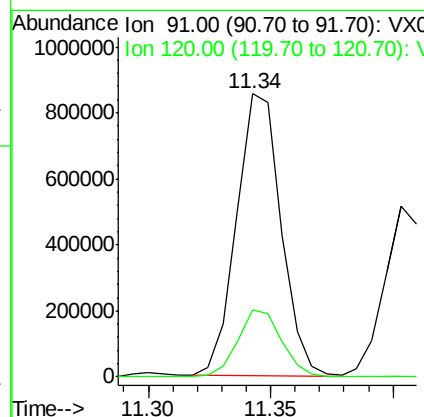
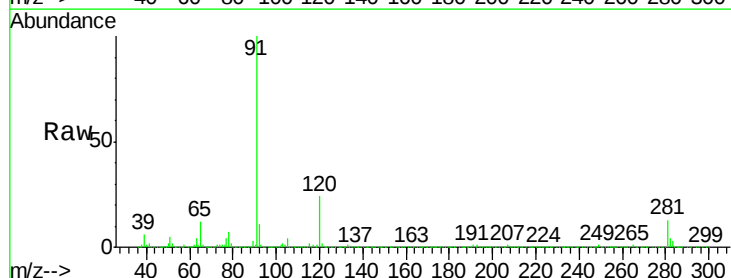
Manual Integrations
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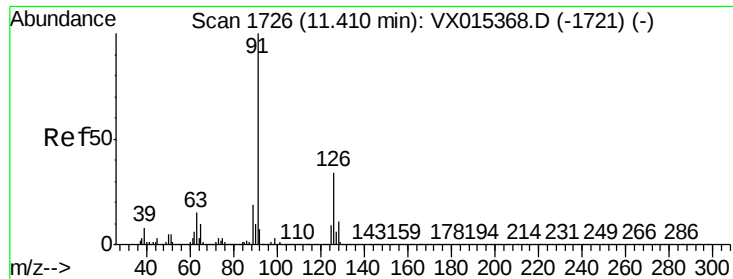
MMDadoda
4/22/2020 10:02:15 AM



#78
n-propylbenzene
Concen: 19.484 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.7	35.0





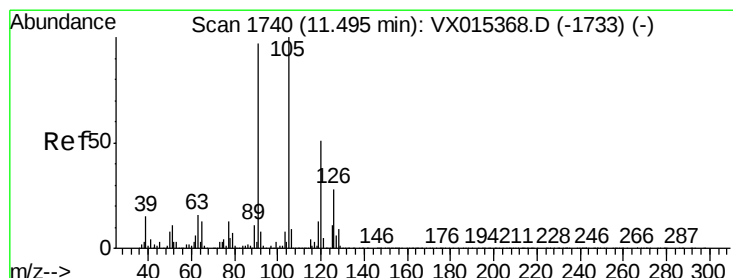
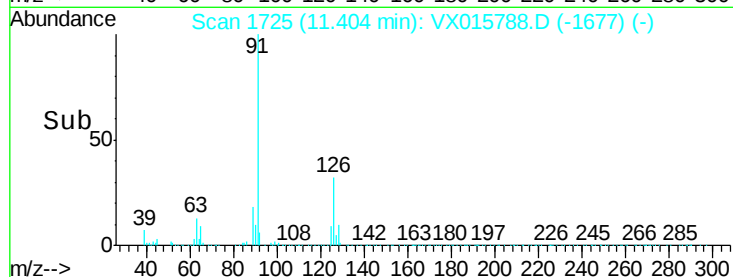
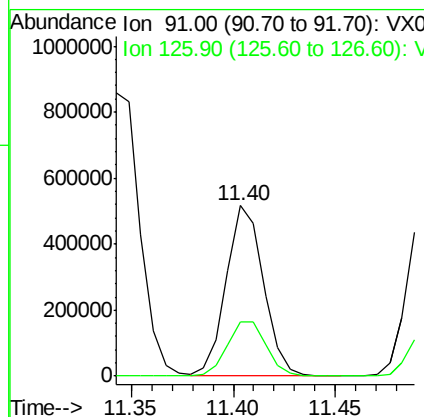
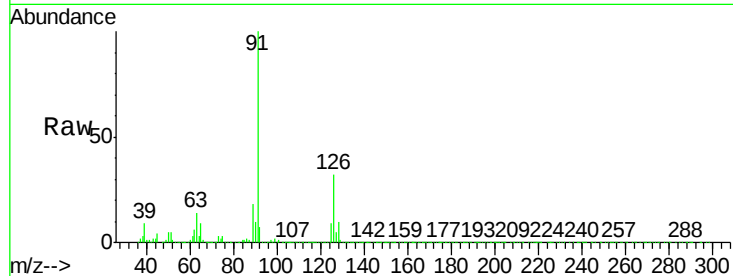
#79
2-Chlorotoluene
Concen: 19.068 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion: 91 Resp: 648636
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5

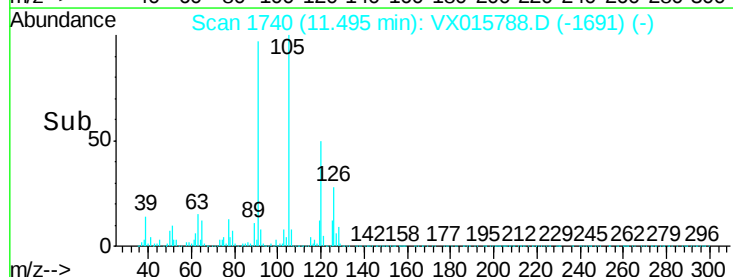
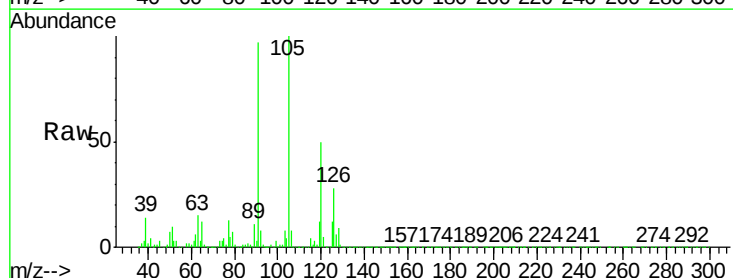
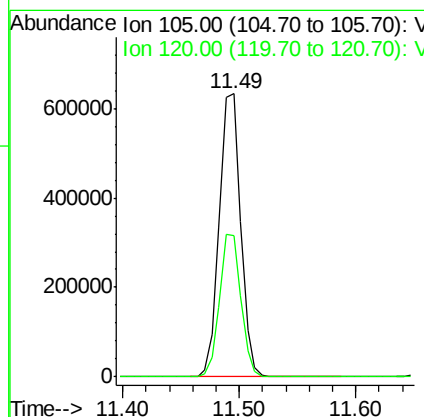
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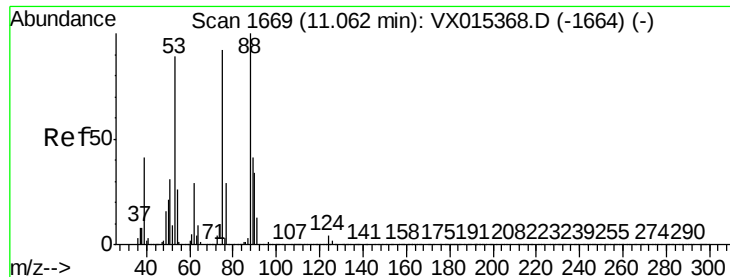
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#80
1,3,5-Trimethylbenzene
Concen: 19.257 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion: 105 Resp: 798222
Ion Ratio Lower Upper
105 100
120 50.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.545 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

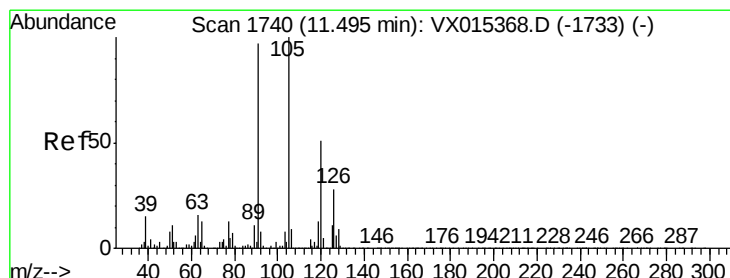
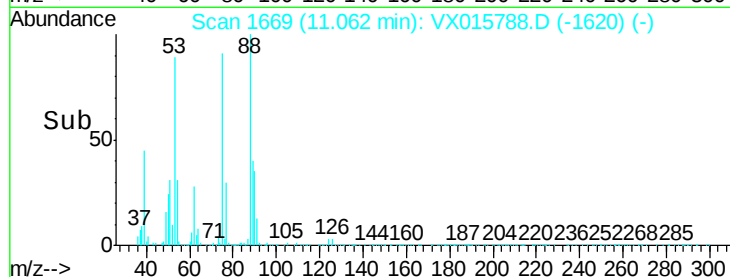
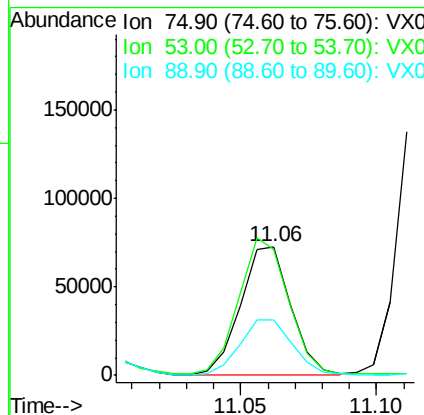
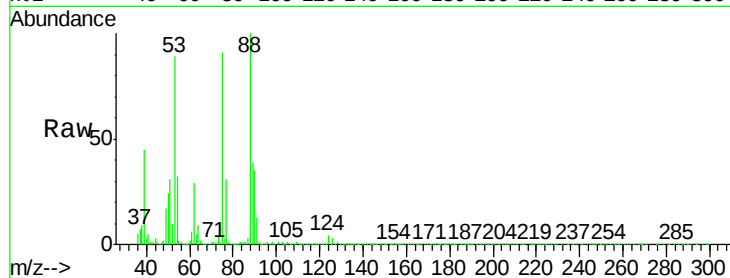
ClientSampleId :

VX0421WBS01

Tot Ion:	75	Resp:	92340
Ion Ratio	Lower	Upper	
75	100		
53	105.3	80.1	120.1
89	45.9	36.1	54.1

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#82

4-Chlorotoluene

Concen: 19.166 ug/l

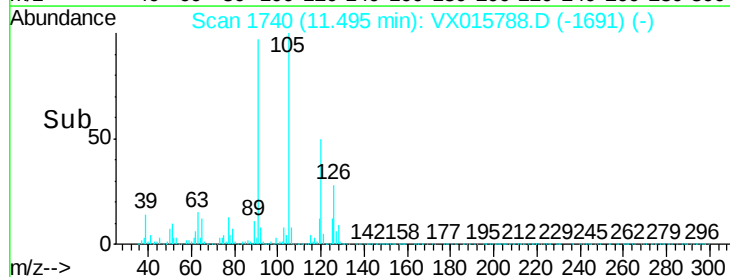
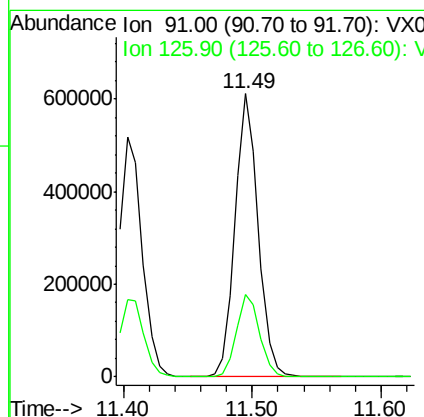
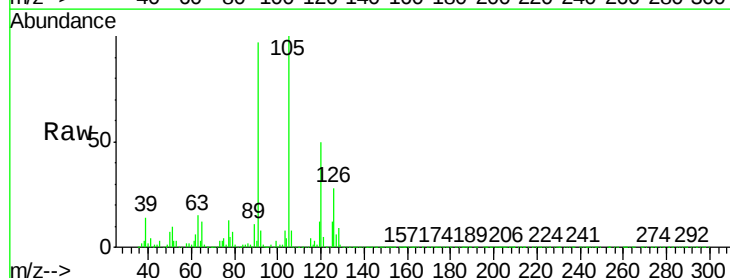
RT: 11.49 min Scan# 1740

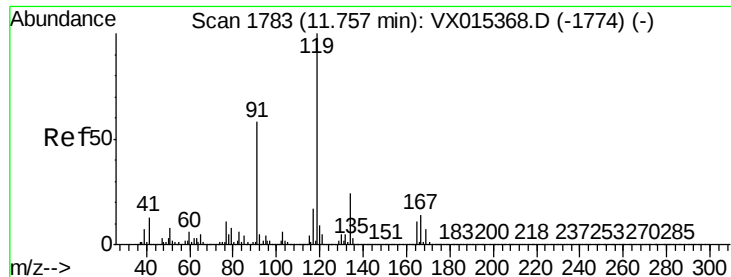
Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Tgt Ion:	91	Resp:	764338
Ion Ratio	Lower	Upper	
91	100		
126	29.1	14.7	44.1





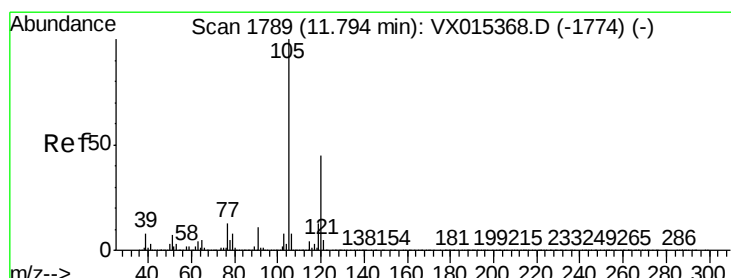
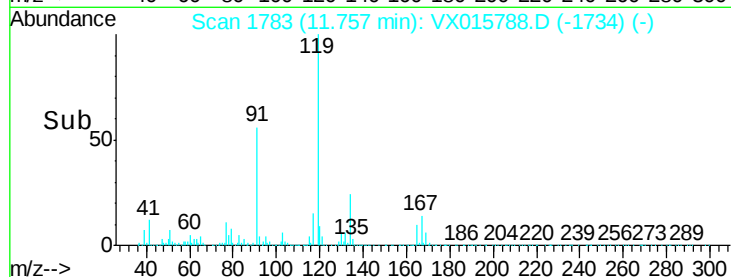
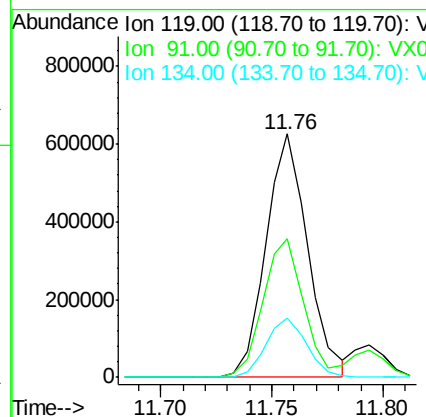
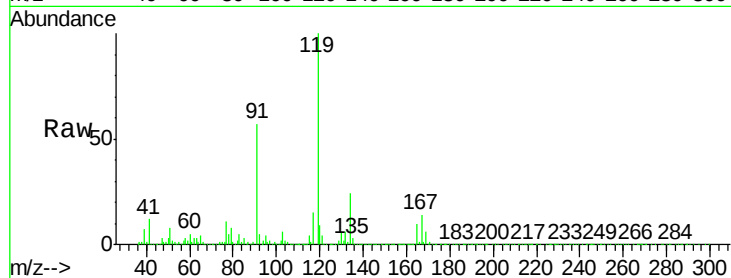
#83
tert-Butylbenzene
Concen: 20.077 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	812901		
91	54.7	28.6	85.8	
134	23.7	11.8	35.3	

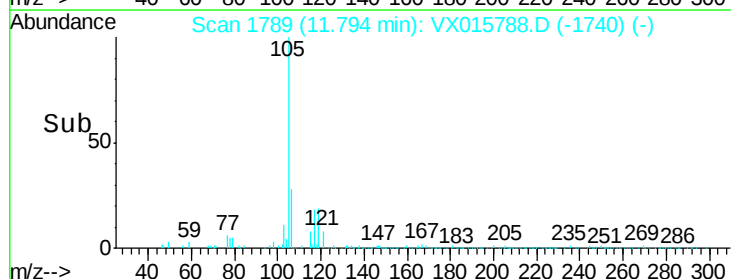
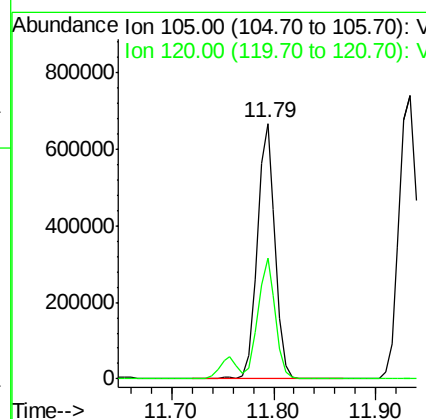
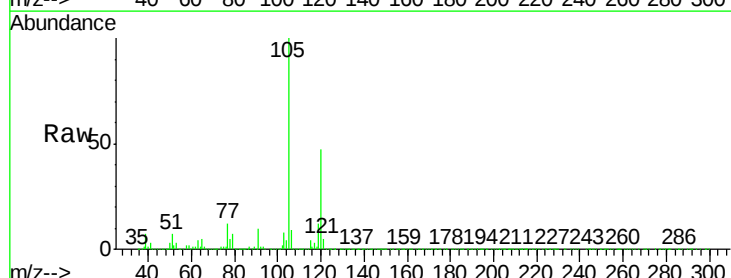
Manual Integrations
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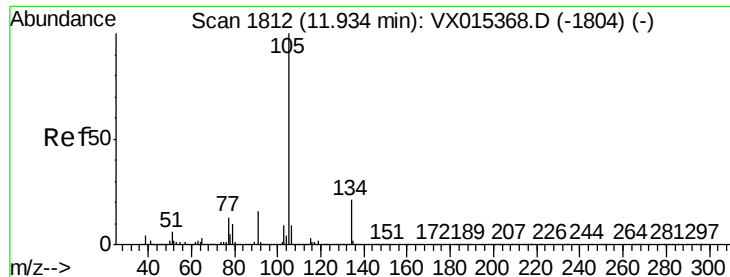
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#84
1,2,4-Trimethylbenzene
Concen: 19.224 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	812062		
120	46.3	22.7	68.1	





#85

sec-Butylbenzene

Concen: 19.744 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBS01

Tot Ion:105 Resp: 924556

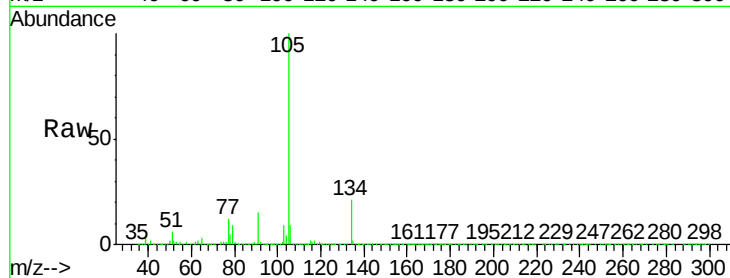
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1

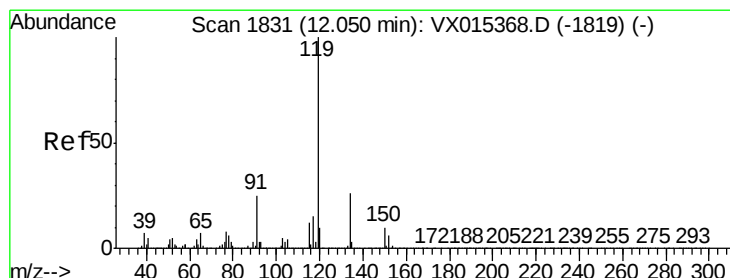
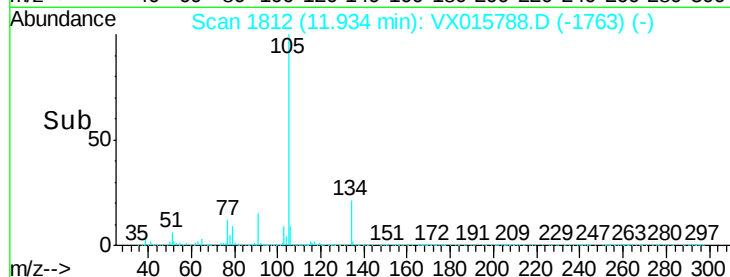
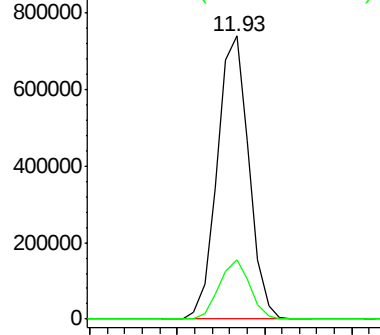
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.254 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015788.D

Acq: 21 Apr 2020 12:48

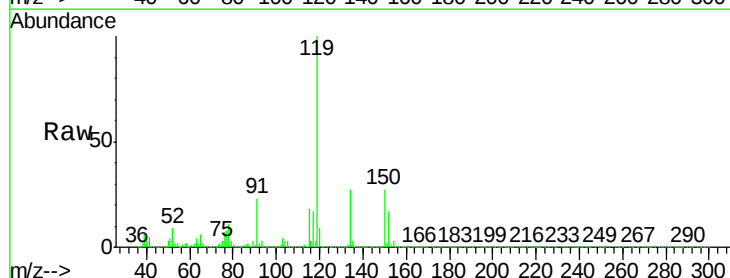
Tgt Ion:119 Resp: 880481

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

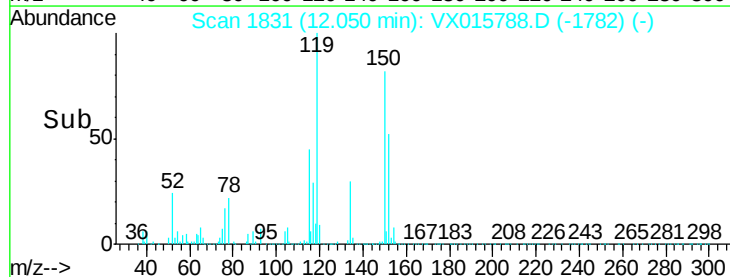
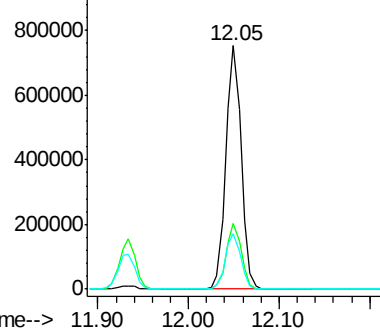
91 23.0 12.4 37.4

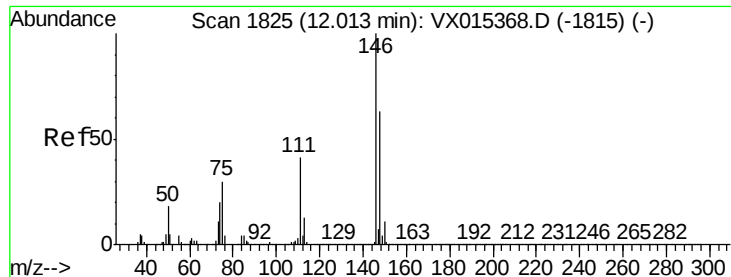


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





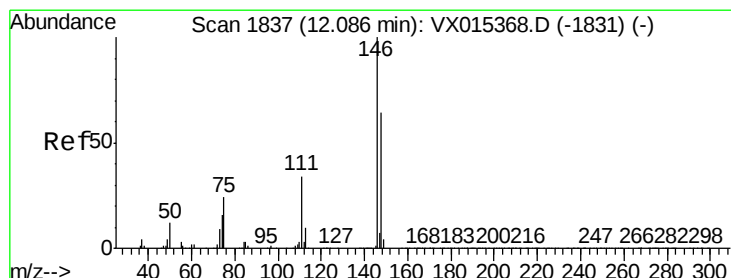
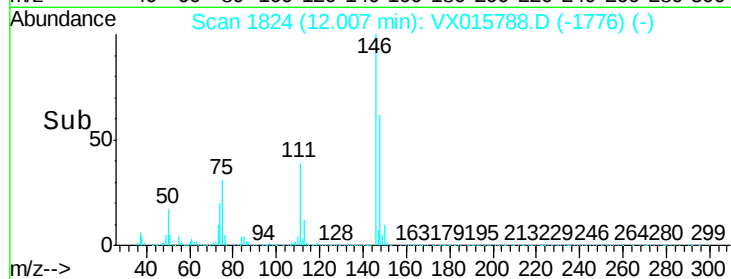
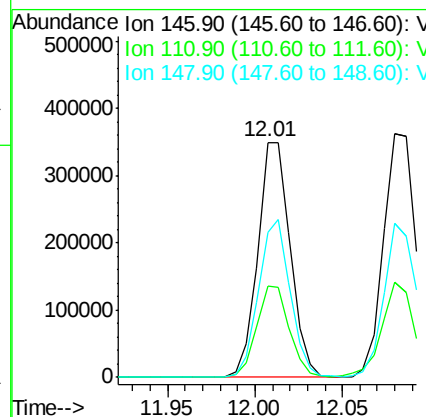
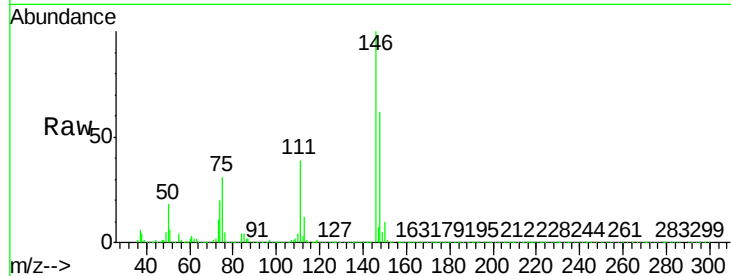
#87
 1,3-Dichlorobenzene
 Concen: 19.494 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015788.D
 Acq: 21 Apr 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.9
148	65.5	31.3	93.9

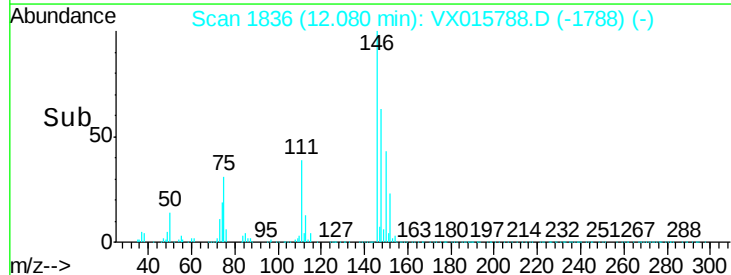
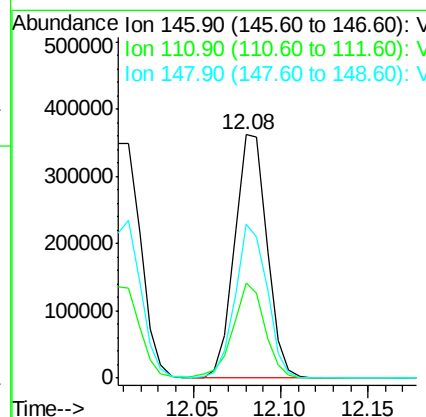
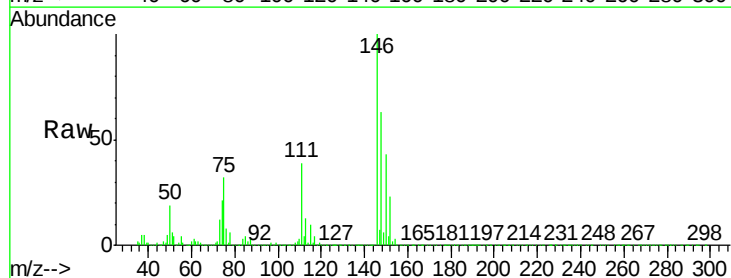
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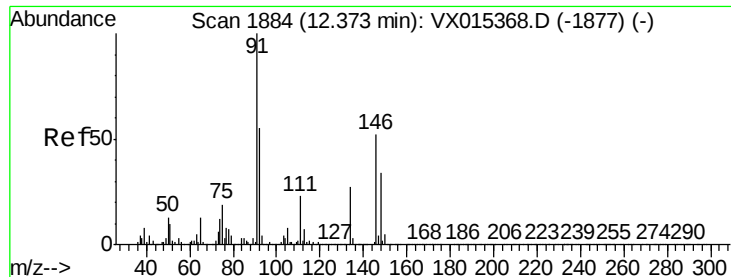
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#88
 1,4-Dichlorobenzene
 Concen: 19.740 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015788.D
 Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	62.3	32.4	97.2





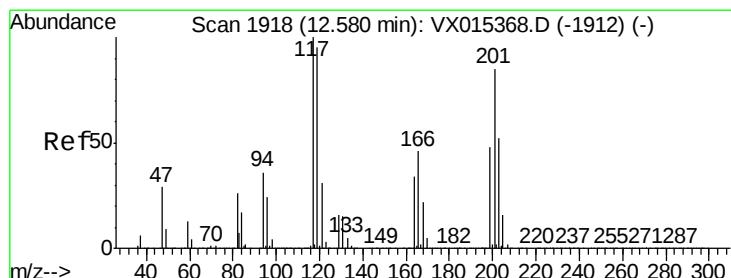
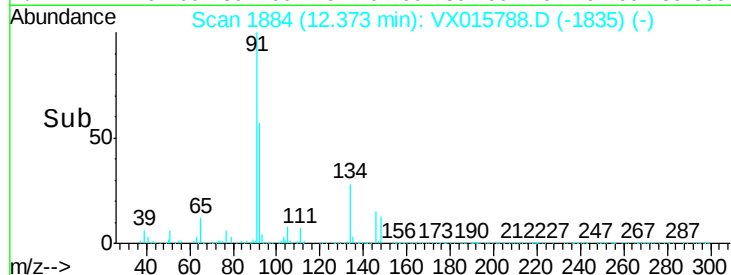
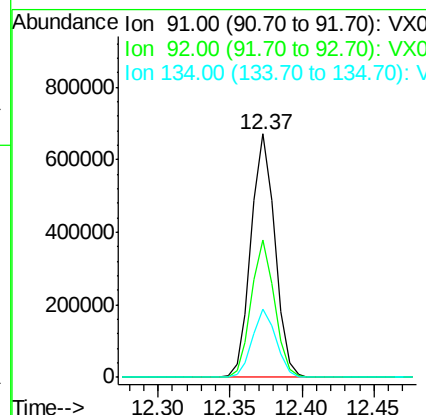
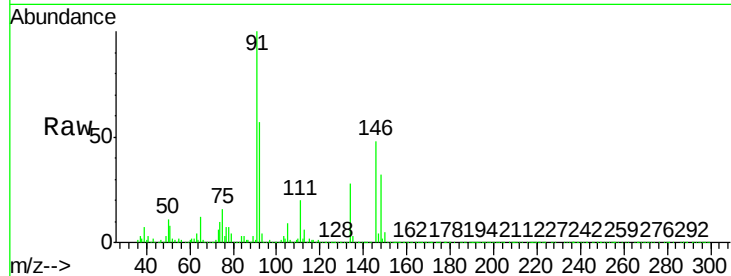
#89
n-Butylbenzene
Concen: 19.483 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	765395		
92	55.3	27.2	81.5	
134	27.9	13.4	40.2	

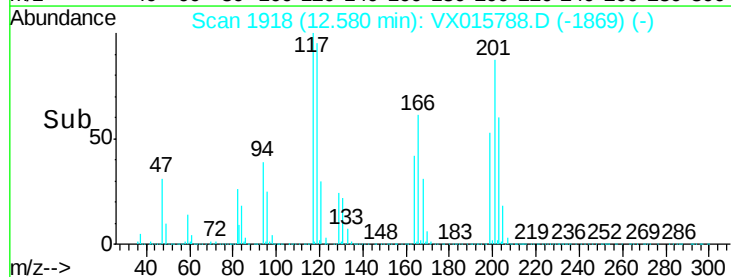
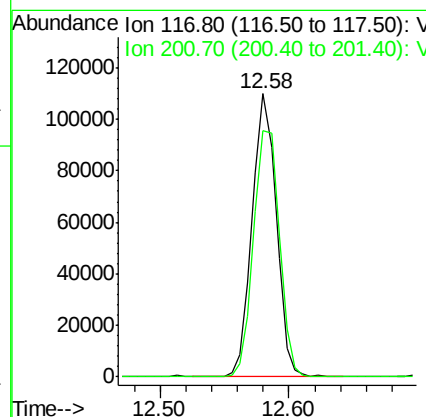
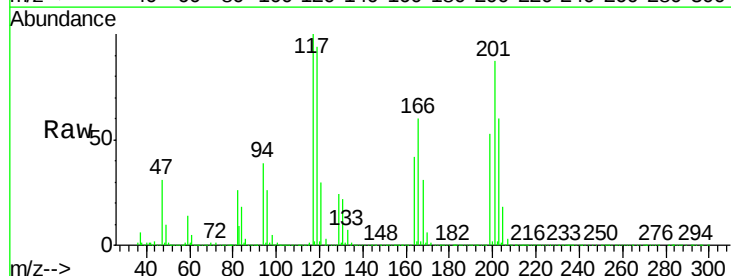
Manual Integrations
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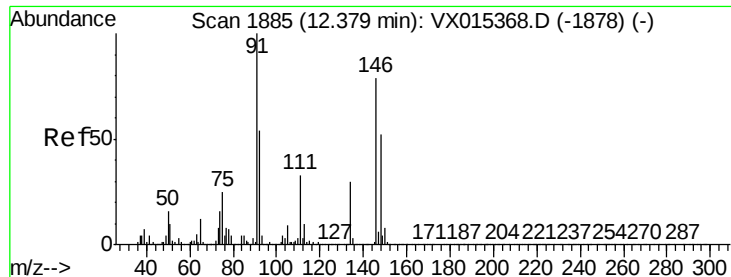
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#90
Hexachloroethane
Concen: 16.637 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	140768		
201	93.8	42.6	128.0	





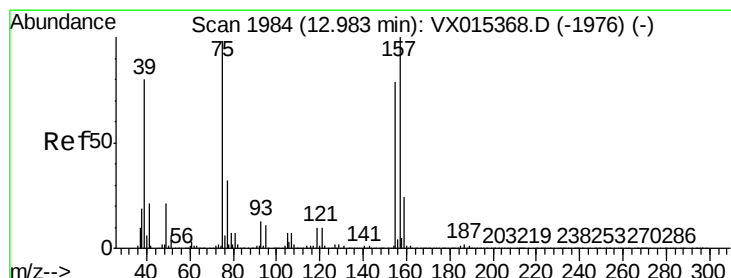
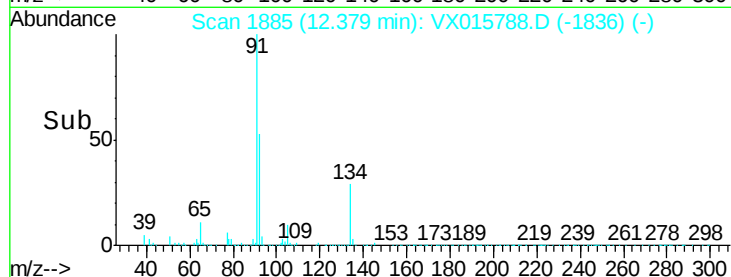
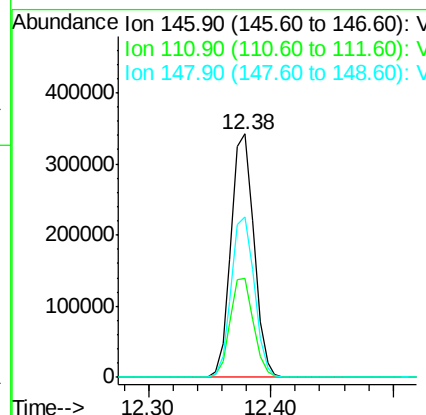
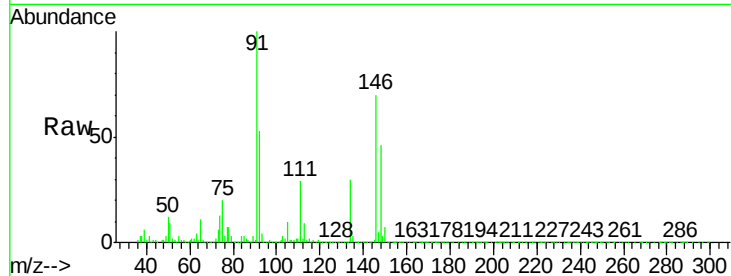
#91
 1,2-Dichlorobenzene
 Concen: 19.594 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015788.D
 Acq: 21 Apr 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	444422		
111	41.3	21.0	63.0	
148	66.4	32.4	97.0	

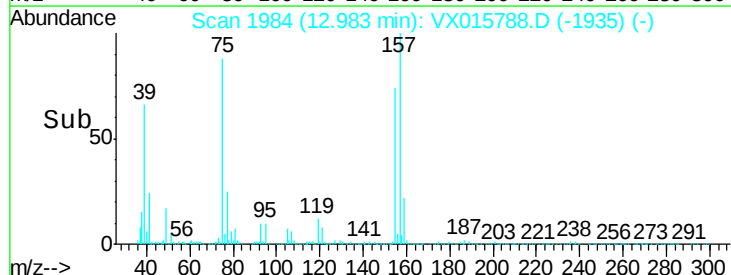
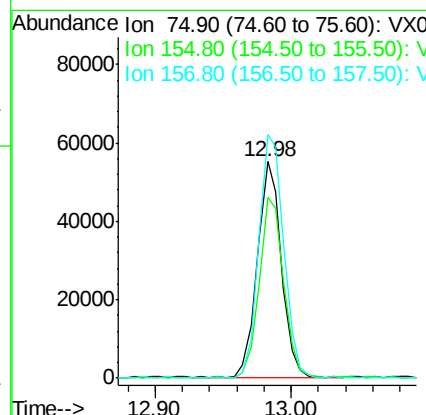
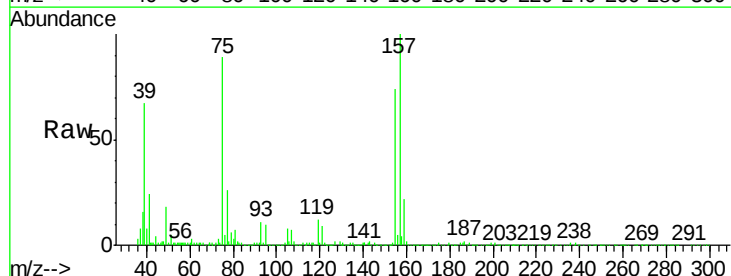
Manual Integrations
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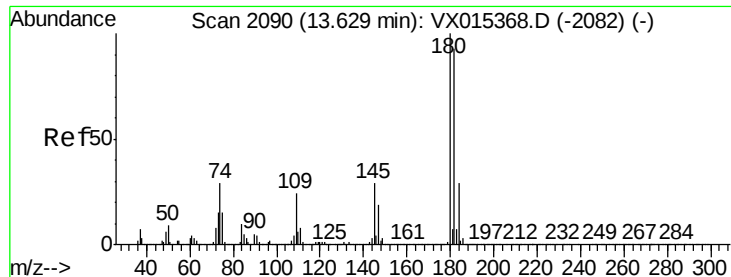
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.543 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015788.D
 Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	68360		
155	84.2	42.8	128.4	
157	116.9	53.4	160.3	





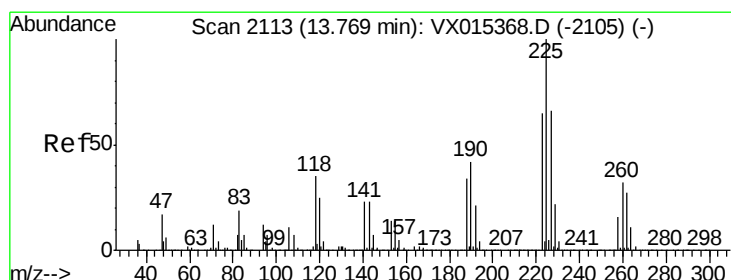
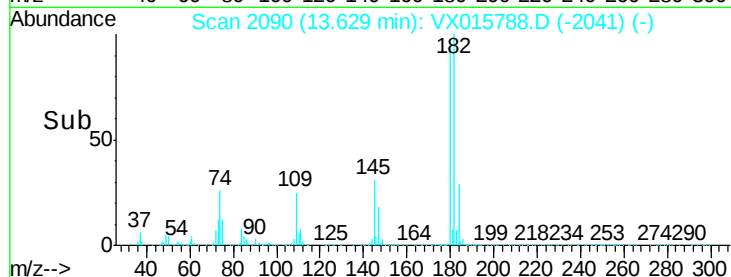
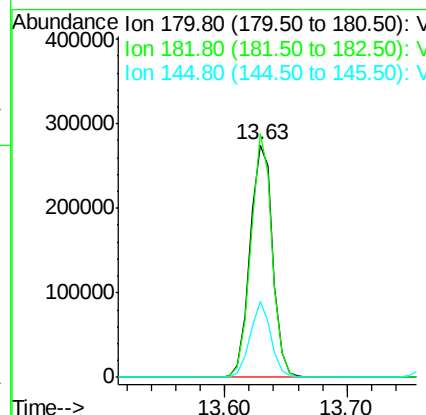
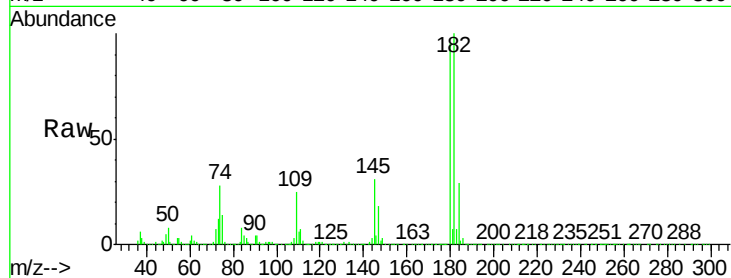
#93
1,2,4-Trichlorobenzene
Concen: 19.477 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.5	46.9	140.7	
145	29.9	14.9	44.5	

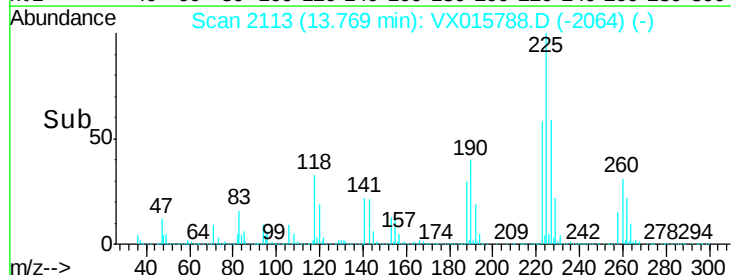
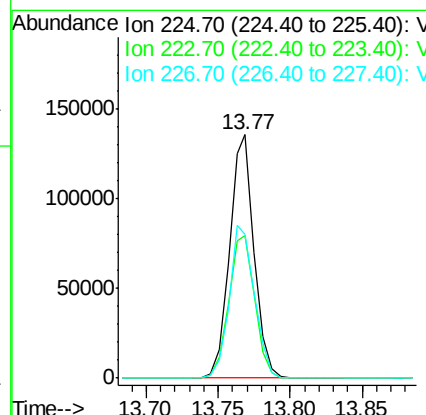
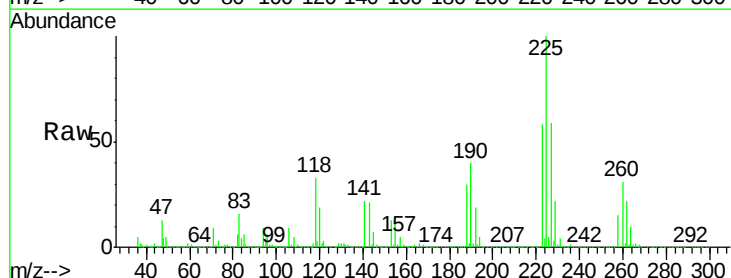
Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:02:15 AM



#94
Hexachlorobutadiene
Concen: 18.928 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	31.9	95.7	
227	64.8	30.4	91.3	





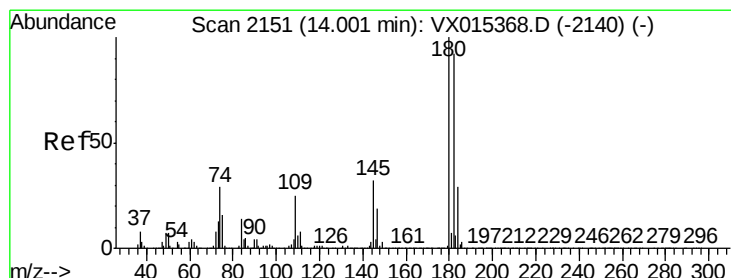
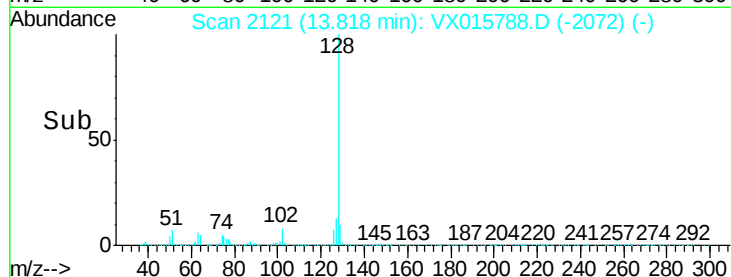
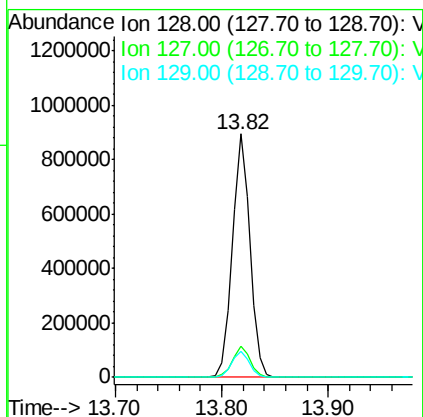
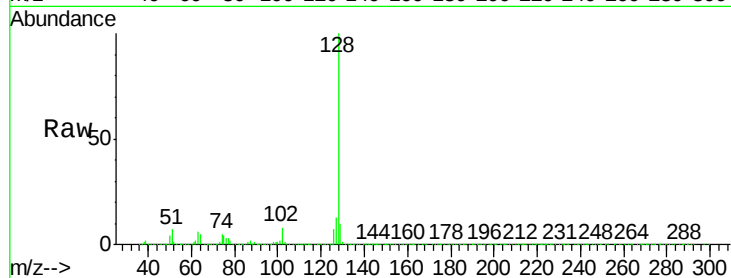
#95
Naphthalene
Concen: 19.016 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:02:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.352 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015788.D
Acq: 21 Apr 2020 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.7	140.0
145	30.6	15.8	47.3

