

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015814.D
 Acq On : 21 Apr 2020 23:49
 Operator : JC/SP
 Sample : VX0421WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:00:41 AM

Quant Time: Apr 22 06:53:24 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	5.64	168	904968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1395841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1294677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	682341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	554119	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	5.47	113	441687	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	8.70	98	1693289	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.12	95	674823	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	101637	12.748	ug/l	98
3) Chloromethane	1.31	50	127265	12.534	ug/l	97
4) Vinyl Chloride	1.39	62	151502	16.250	ug/l	98
5) Bromomethane	1.64	94	67533	9.098	ug/l	90
6) Chloroethane	1.72	64	95750	16.559	ug/l	99
7) Trichlorofluoromethane	1.92	101	213226	17.054	ug/l	96
8) Diethyl Ether	2.17	74	90222	17.108	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	141771	17.393	ug/l	96
10) Methyl Iodide	2.50	142	176237	16.037	ug/l	98
11) Tert butyl alcohol	3.01	59	212901	69.689	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150406	17.604	ug/l	92
13) Acrolein	2.28	56	185602	106.650	ug/l	99
14) Allyl chloride	2.71	41	319539	16.006	ug/l	97
15) Acrylonitrile	3.12	53	522156	89.623	ug/l	98
16) Acetone	2.42	43	477202	87.025	ug/l	96
17) Carbon Disulfide	2.56	76	391822	15.033	ug/l	99
18) Methyl Acetate	2.75	43	279194	19.949	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	595408	17.968	ug/l	99
20) Methylene Chloride	2.84	84	177016	17.283	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	166234	17.531	ug/l	95
22) Diisopropyl ether	3.83	45	639575	18.080	ug/l #	86
23) Vinyl Acetate	3.79	43	2746326	85.746	ug/l	99
24) 1,1-Dichloroethane	3.67	63	321694	17.272	ug/l	98
25) 2-Butanone	4.64	43	740116	83.926	ug/l	99
26) 2,2-Dichloropropane	4.56	77	238629	15.609	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	197412	17.995	ug/l	95
28) Bromochloromethane	4.98	49	155184	17.451	ug/l	94
29) Tetrahydrofuran	5.10	42	481735	84.973	ug/l	97
30) Chloroform	5.19	83	318654	17.783	ug/l	97
31) Cyclohexane	5.56	56	273947	16.955	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	286616	17.674	ug/l	97
36) 1,1-Dichloropropene	5.78	75	228182	17.742	ug/l	97
37) Ethyl Acetate	4.80	43	285845	17.069	ug/l	98
38) Carbon Tetrachloride	5.76	117	229410	16.469	ug/l	97

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MMDadoda
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 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)
39) Methylcyclohexane	7.44	83	272279	18.361	ug/l	94
40) Benzene	6.12	78	710754	18.866	ug/l	96
41) Methacrylonitrile	5.01	41	170256	18.315	ug/l	98
42) 1,2-Dichloroethane	6.17	62	260762	17.232	ug/l	96
43) Isopropyl Acetate	6.42	43	499817	17.681	ug/l	97
44) Trichloroethene	7.19	130	249490	24.282	ug/l	93
45) 1,2-Dichloropropane	7.50	63	192018	18.632	ug/l	100
46) Dibromomethane	7.64	93	126641	18.732	ug/l	92
47) Bromodichloromethane	7.88	83	261926	18.183	ug/l	97
48) Methyl methacrylate	7.75	41	246165	17.434	ug/l	93
49) 1,4-Dioxane	7.72	88	83373	316.513	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1495663	93.358	ug/l	98
52) Toluene	8.77	92	458439	19.737	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	304658	18.033	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	314401	18.268	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	189651	19.929	ug/l	94
56) Ethyl methacrylate	9.16	69	321603	19.176	ug/l	96
57) 1,3-Dichloropropane	9.36	76	322374	18.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	765321	93.818	ug/l	98
59) 2-Hexanone	9.48	43	1128444	93.296	ug/l	97
60) Dibromochloromethane	9.57	129	207309	18.129	ug/l	100
61) 1,2-Dibromoethane	9.65	107	198410	19.175	ug/l	100
64) Tetrachloroethene	9.32	164	345911	35.403	ug/l	94
65) Chlorobenzene	10.12	112	503344	19.495	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	194568	18.862	ug/l	98
67) Ethyl Benzene	10.24	91	878532	19.185	ug/l	98
68) m/p-Xylenes	10.34	106	677857	39.752	ug/l	94
69) o-Xylene	10.68	106	331239	19.658	ug/l	97
70) Styrene	10.70	104	576825	19.454	ug/l	98
71) Bromoform	10.84	173	146776	15.631	ug/l #	93
73) Isopropylbenzene	11.00	105	883051	19.751	ug/l	98
74) N-amyl acetate	10.88	43	457962	18.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	188033	12.257	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	264971m	18.884	ug/l	
77) Bromobenzene	11.24	156	235290	19.730	ug/l	95
78) n-propylbenzene	11.34	91	985711	19.281	ug/l	100
79) 2-Chlorotoluene	11.40	91	592073	18.895	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	736796	19.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	100772	17.232	ug/l	94
82) 4-Chlorotoluene	11.50	91	704707	19.184	ug/l	99
83) tert-Butylbenzene	11.76	119	647062	17.349	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	747022	19.199	ug/l	99
85) sec-Butylbenzene	11.93	105	838368	19.436	ug/l	99
86) p-Isopropyltoluene	12.05	119	810190	20.233	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	422551	19.793	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	425259	19.556	ug/l	98
89) n-Butylbenzene	12.37	91	681040	18.820	ug/l	98
90) Hexachloroethane	12.58	117	75595	9.699	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	419550	20.081	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65724	15.179	ug/l	89

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Instrument :
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ClientSampleId :
VX0421WBSD02

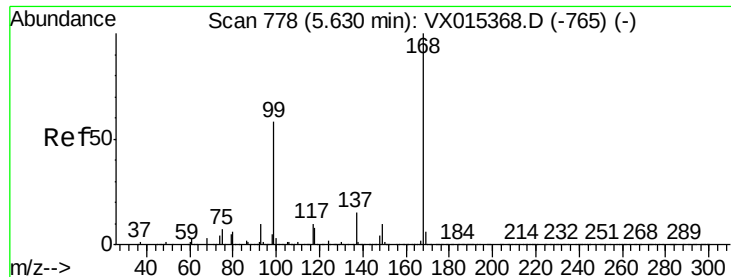
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	329078	19.913	ug/l	99
94) Hexachlorobutadiene	13.77	225	139837	17.772	ug/l	96
95) Naphthalene	13.82	128	965717	19.157	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	317585	19.960	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion:168 Resp: 904968

Ion Ratio Lower Upper

168 100

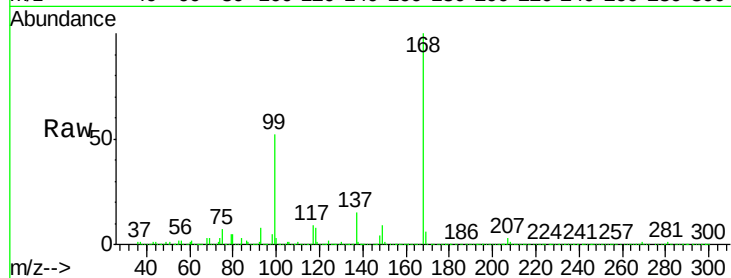
99 51.4 46.4 69.6

Manual Integrations

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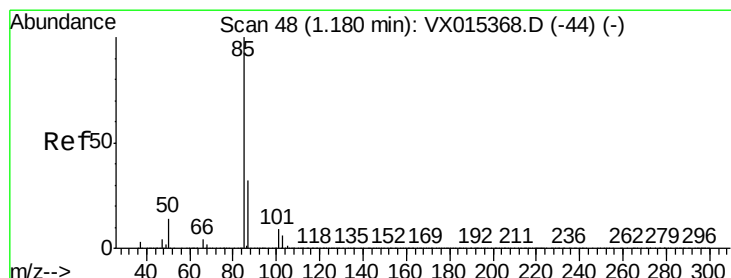
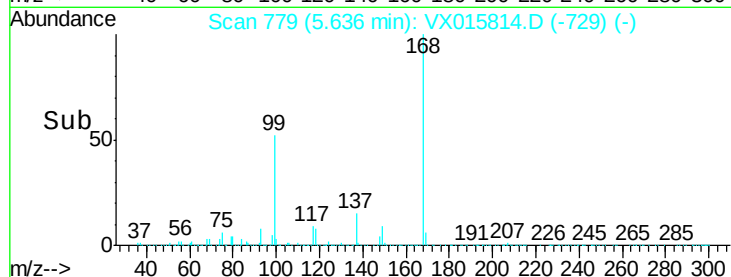
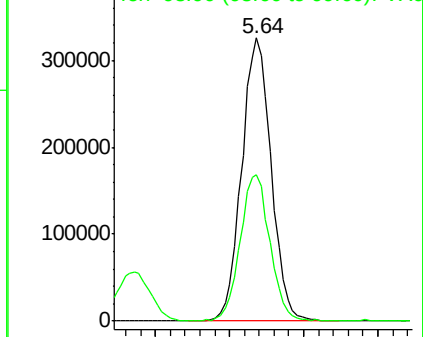
MMDadoda

4/22/2020 10:00:41 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 12.748 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015814.D

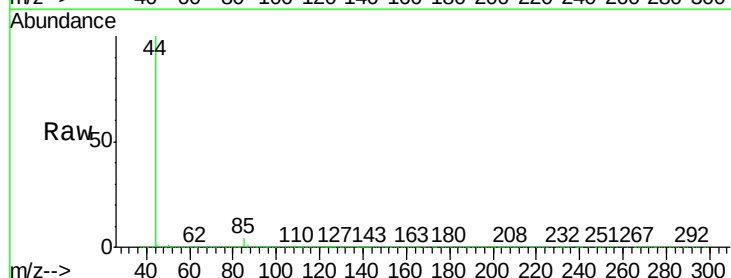
Acq: 21 Apr 2020 23:49

Tgt Ion: 85 Resp: 101637

Ion Ratio Lower Upper

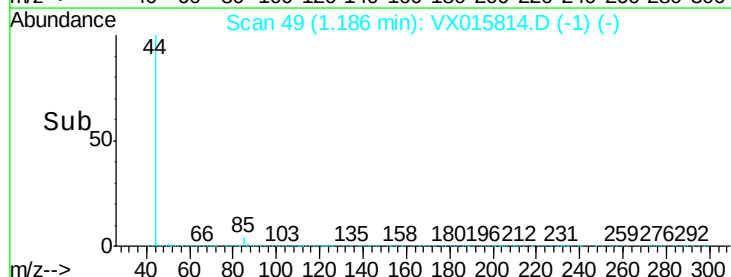
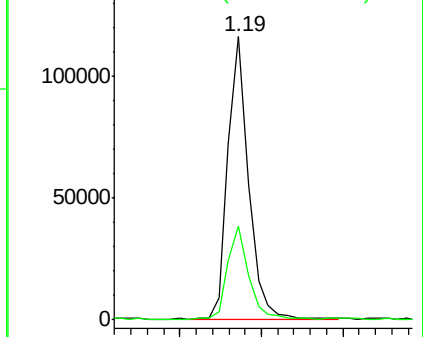
85 100

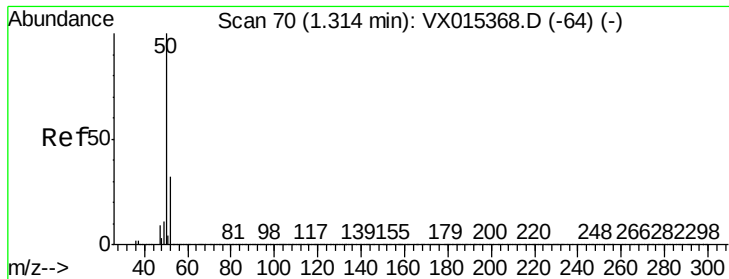
87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 12.534 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion: 50 Resp: 127265

Ion Ratio Lower Upper

50 100

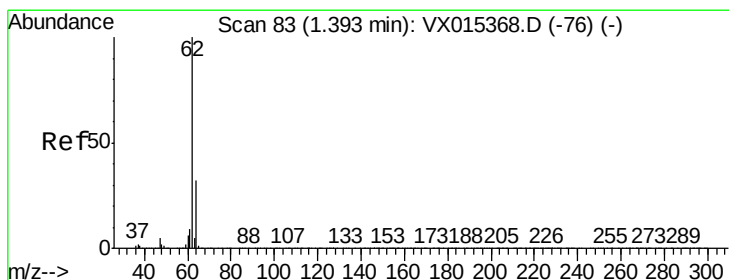
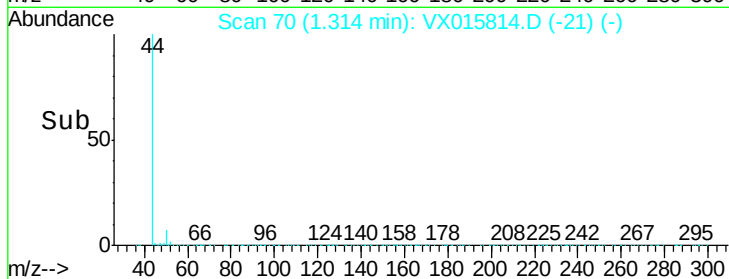
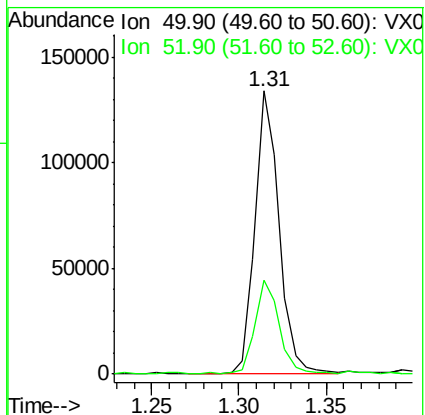
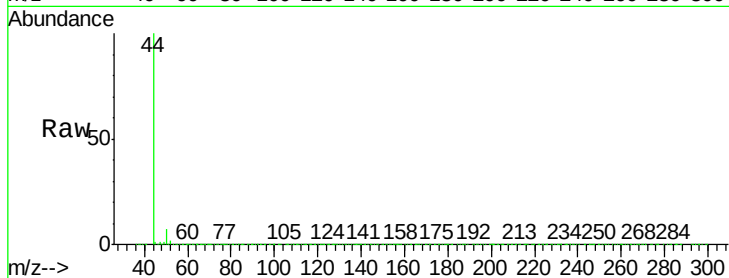
52 33.2 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.250 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015814.D

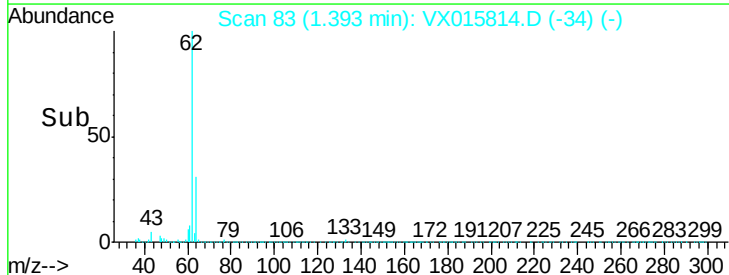
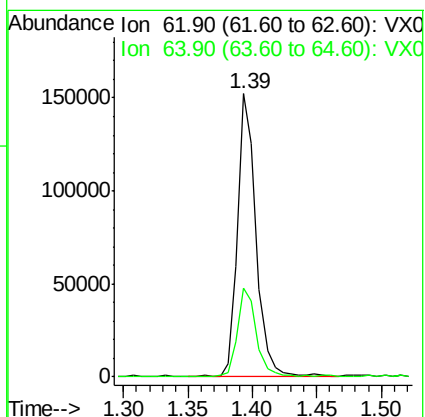
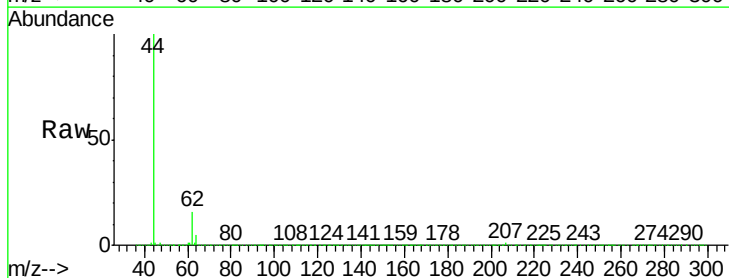
Acq: 21 Apr 2020 23:49

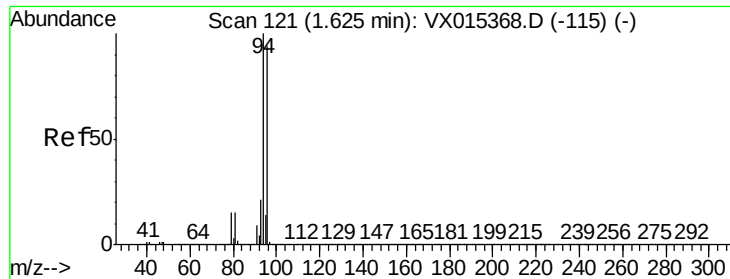
Tgt Ion: 62 Resp: 151502

Ion Ratio Lower Upper

62 100

64 31.2 26.0 39.0





#5

Bromomethane

Concen: 9.098 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion: 94 Resp: 67533

Ion Ratio Lower Upper

94 100

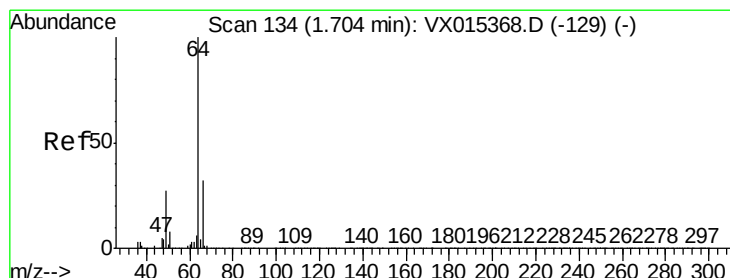
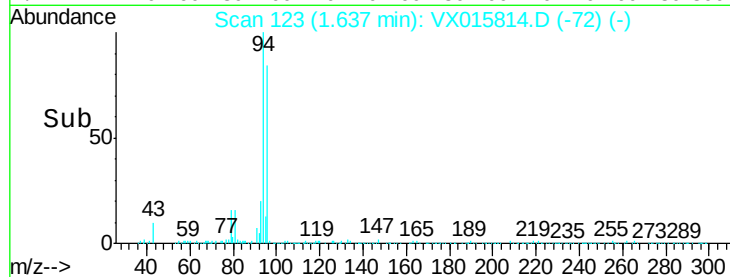
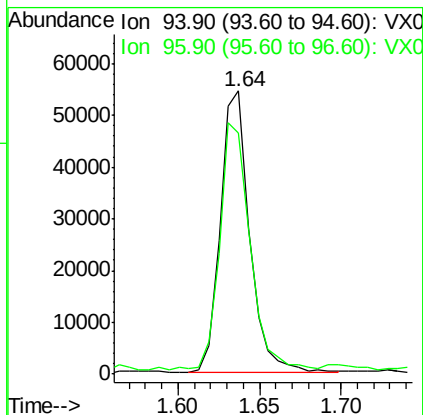
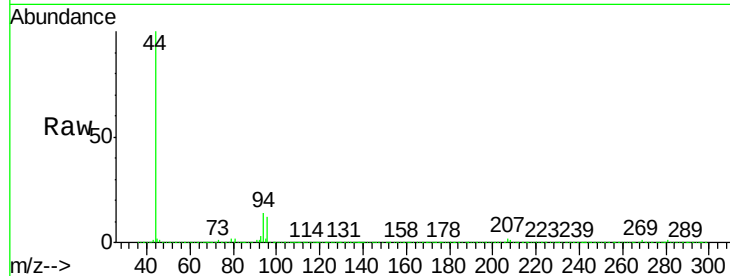
96 84.2 74.8 112.2

Manual Integrations

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4/22/2020 10:00:41 AM



#6

Chloroethane

Concen: 16.559 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015814.D

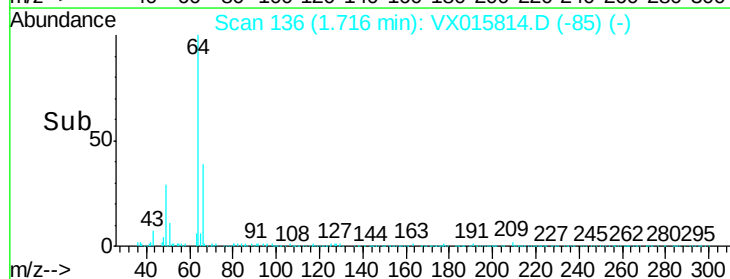
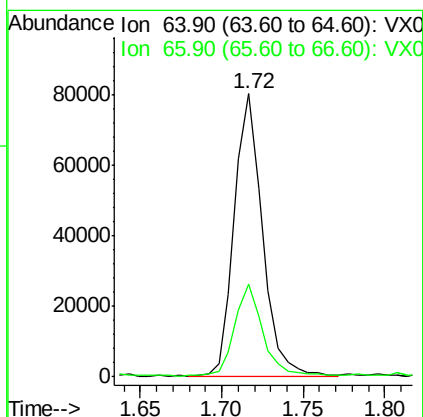
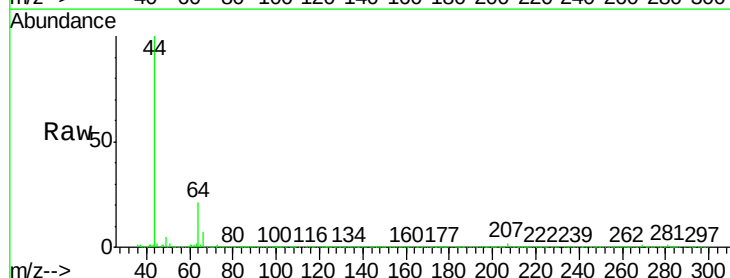
Acq: 21 Apr 2020 23:49

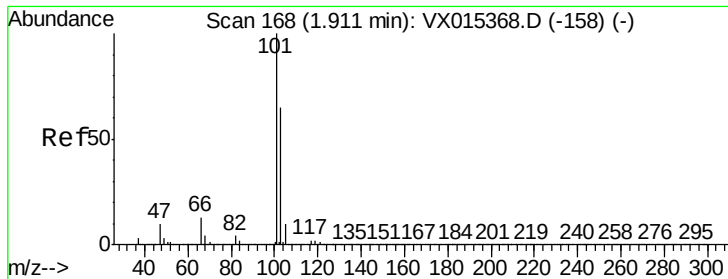
Tgt Ion: 64 Resp: 95750

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.2





#7

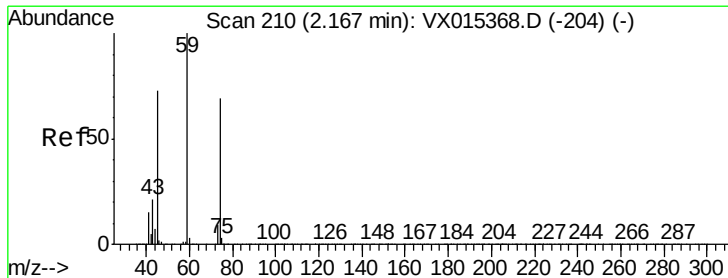
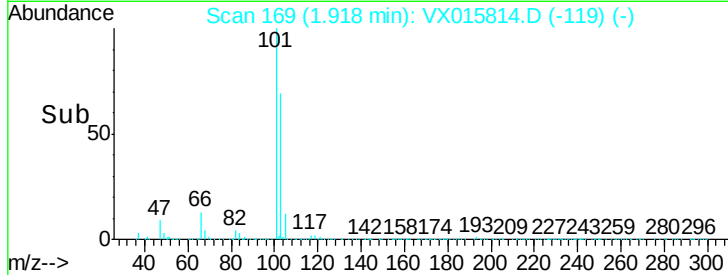
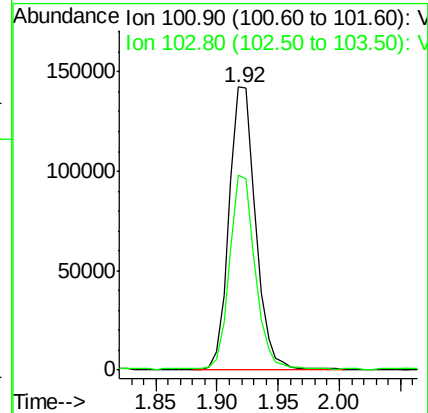
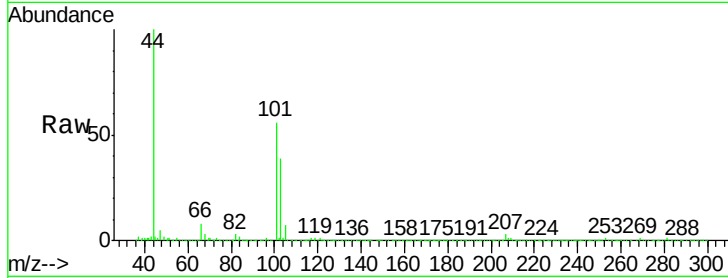
Trichlorofluoromethane
Concen: 17.054 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
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ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.3	52.3	78.5

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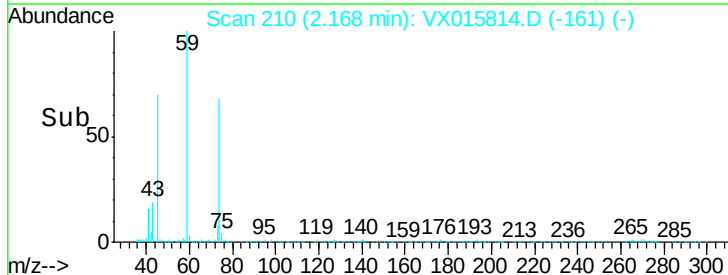
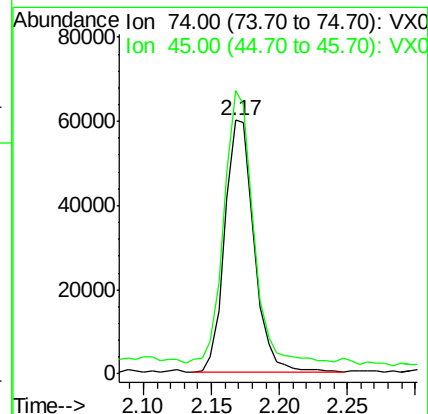
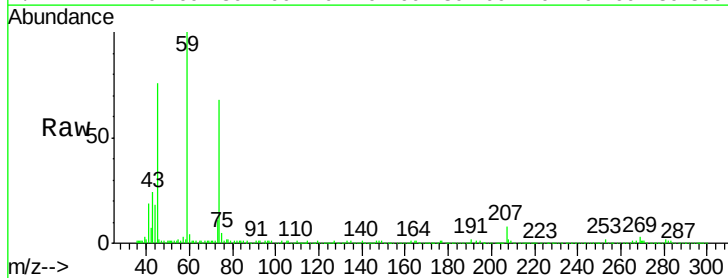
MMDadoda
4/22/2020 10:00:41 AM

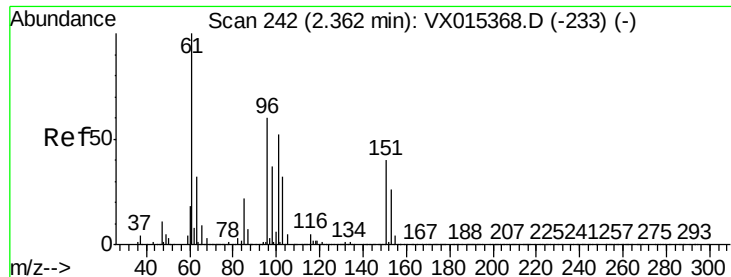


#8

Diethyl Ether
Concen: 17.108 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.4	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.393 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

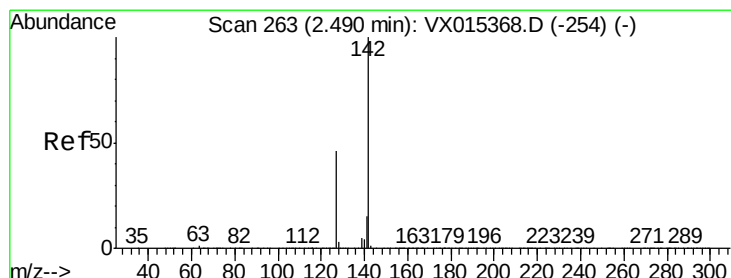
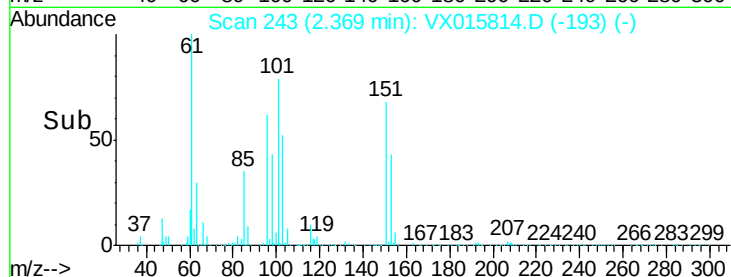
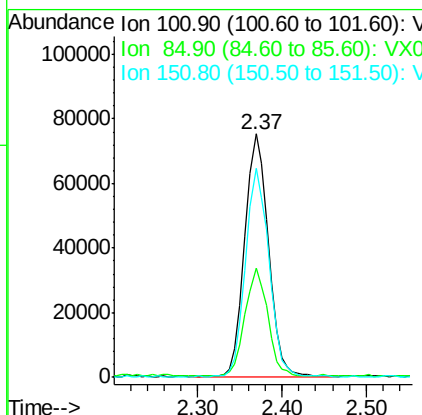
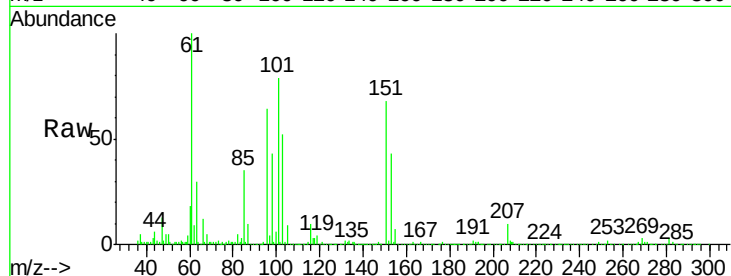
ClientSampleId :

VX0421WBSD02

Tot Ion:	101	Resp:	141771
Ion Ratio	Lower	Upper	
101	100		
85	42.4	35.0	52.4
151	85.1	64.1	96.1

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#10

Methyl Iodide

Concen: 16.037 ug/l

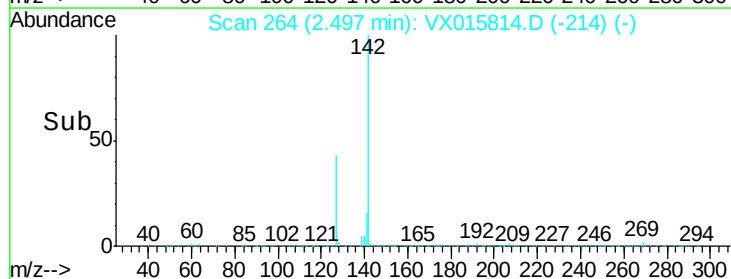
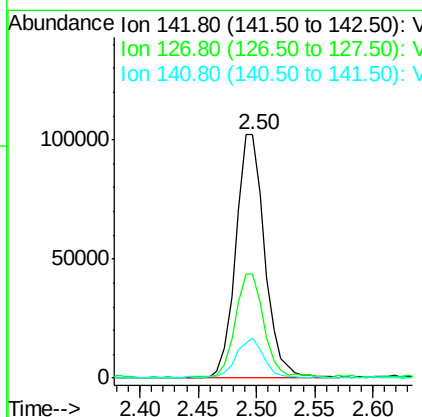
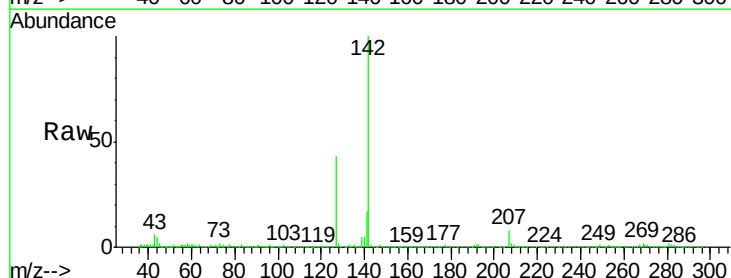
RT: 2.50 min Scan# 264

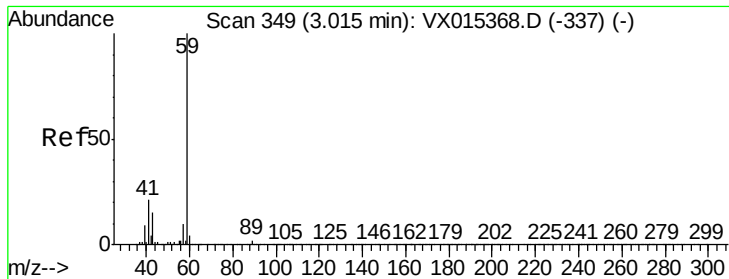
Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion:	142	Resp:	176237
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.9	53.9
141	15.8	11.6	17.4





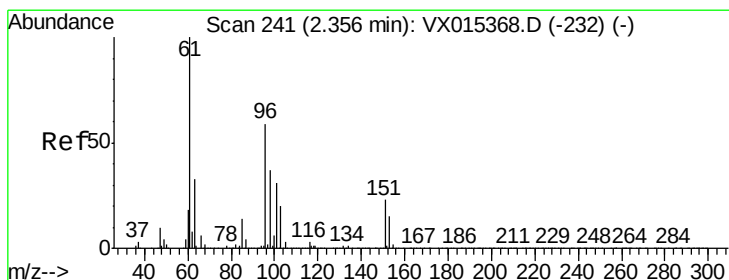
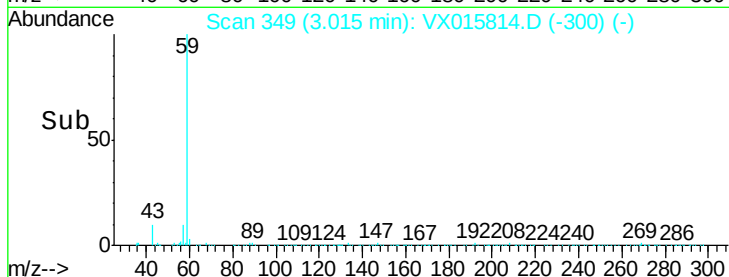
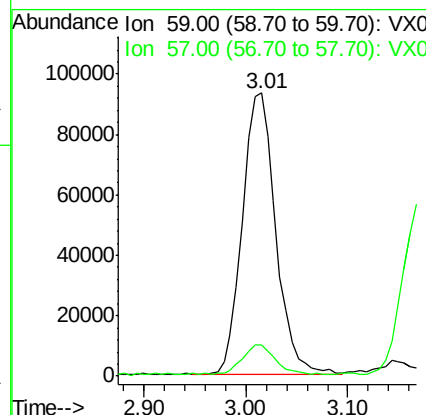
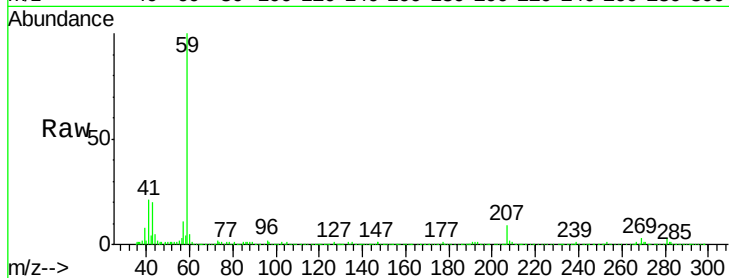
#11
Tert butyl alcohol
Concen: 69.689 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

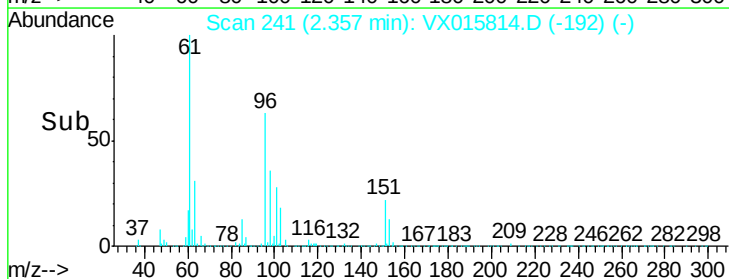
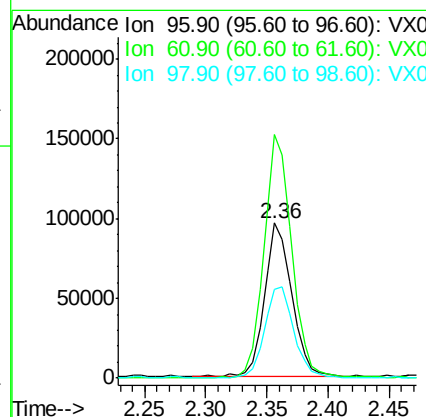
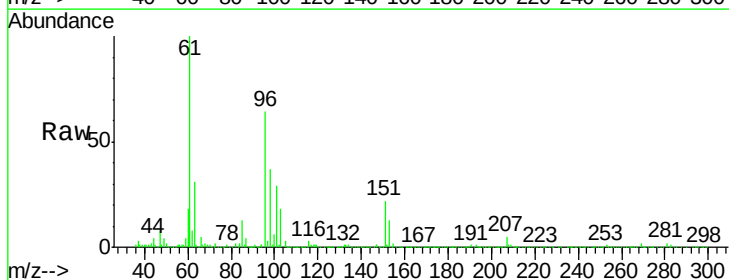
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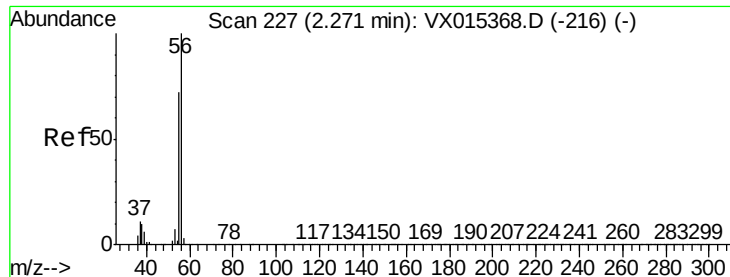
MMDadoda
4/22/2020 10:00:41 AM



#12
1,1-Dichloroethene
Concen: 17.604 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	135.7	203.5
98	57.7	50.6	75.8





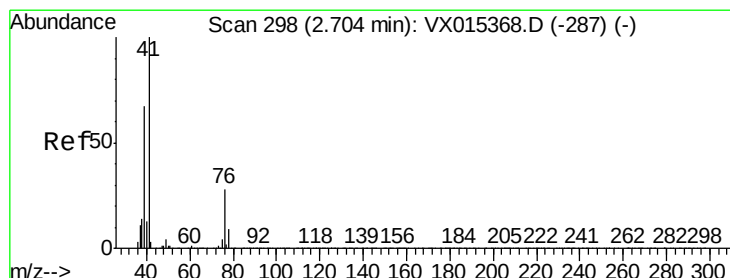
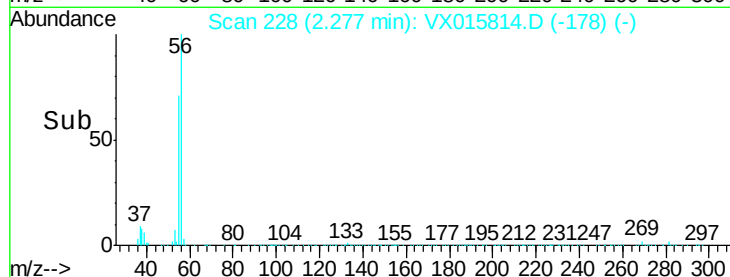
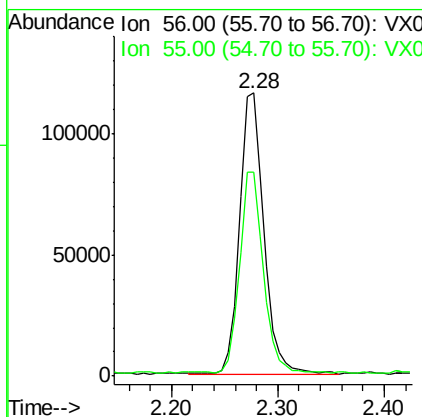
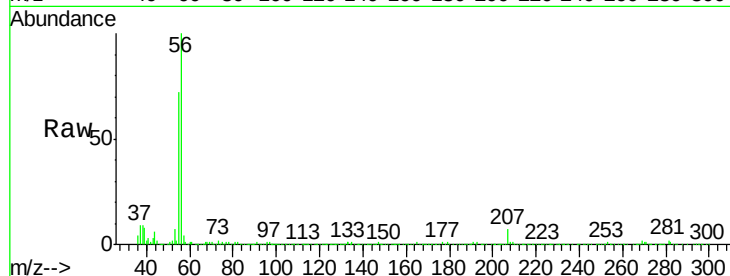
#13
Acrolein
Concen: 106.650 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.4	57.0	85.4

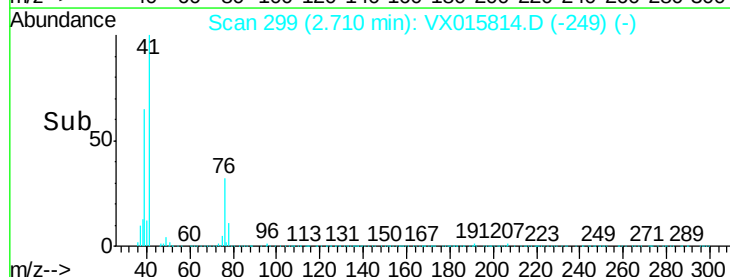
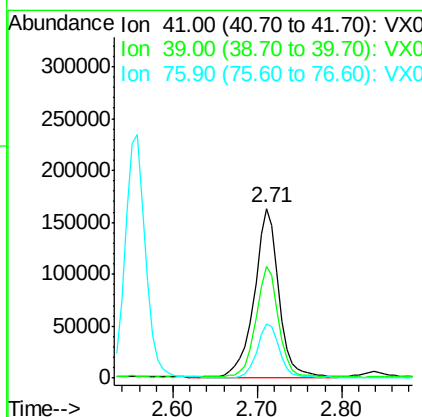
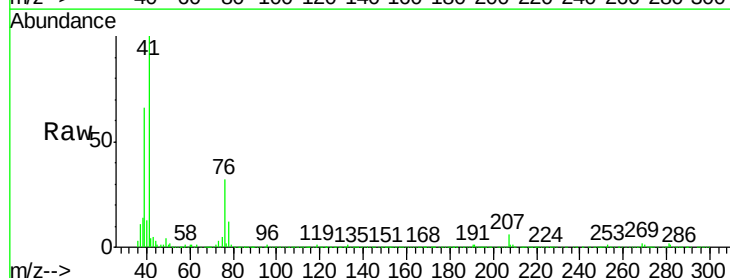
Manual Integrations
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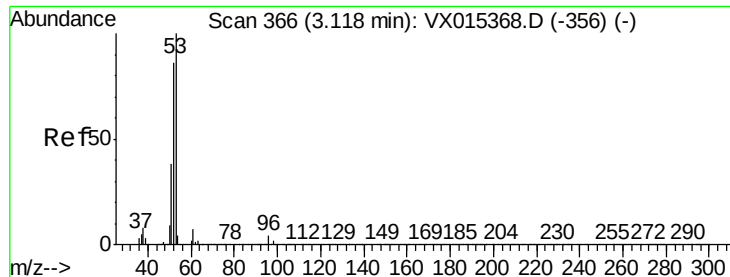
MMDadoda
4/22/2020 10:00:41 AM



#14
Allyl chloride
Concen: 16.006 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.5	51.4	77.0
76	28.8	21.8	32.8





#15

Acrylonitrile

Concen: 89.623 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

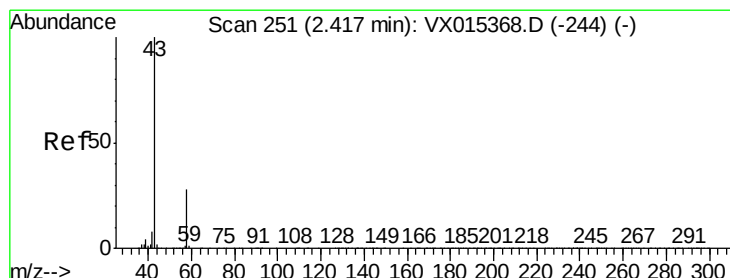
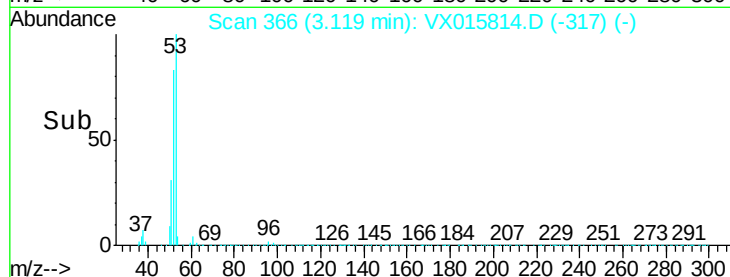
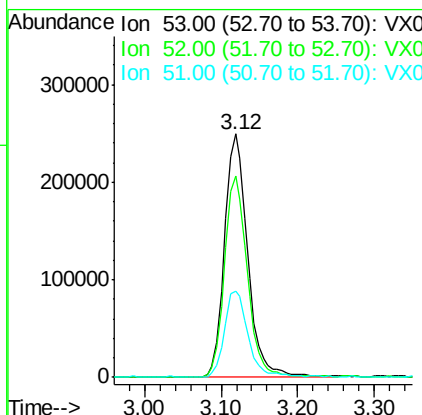
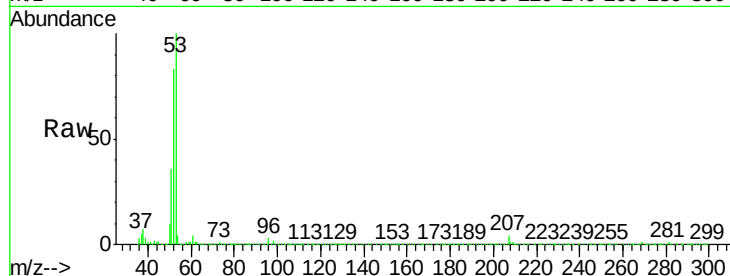
ClientSampleId :

VX0421WBSD02

Tot Ion:	53	Resp:	522156
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.8	100.2
51	36.2	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 87.025 ug/l

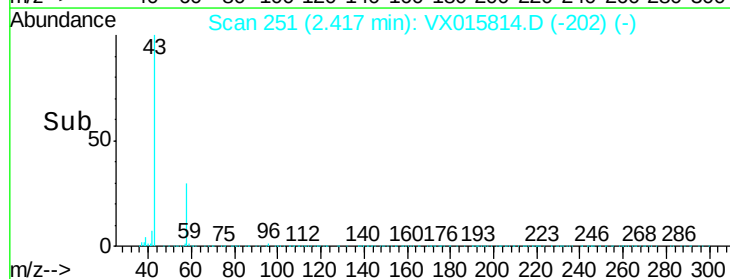
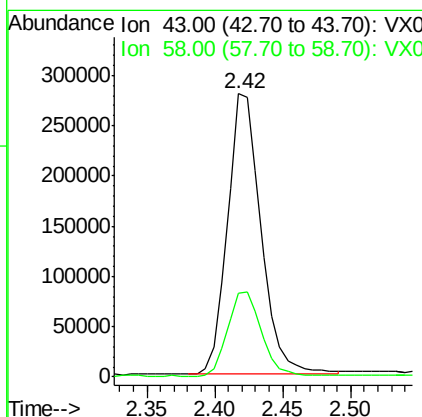
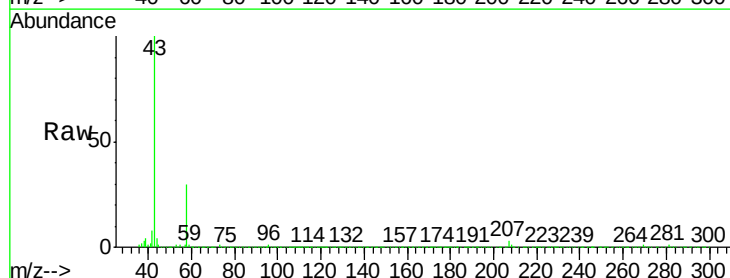
RT: 2.42 min Scan# 251

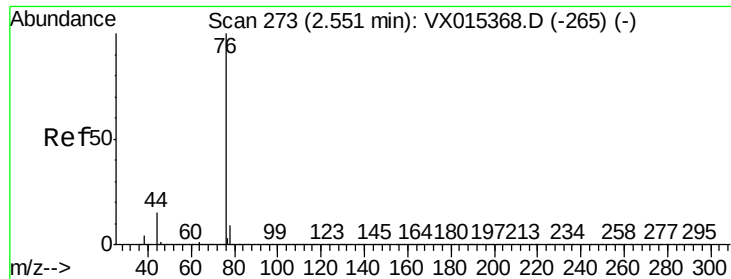
Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion:	43	Resp:	477202
Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.1	33.1





#17

Carbon Disulfide

Concen: 15.033 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion: 76 Resp: 391822

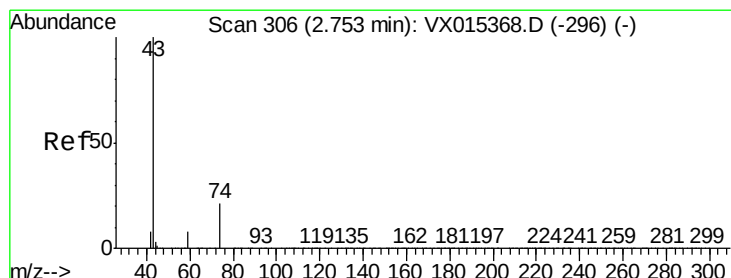
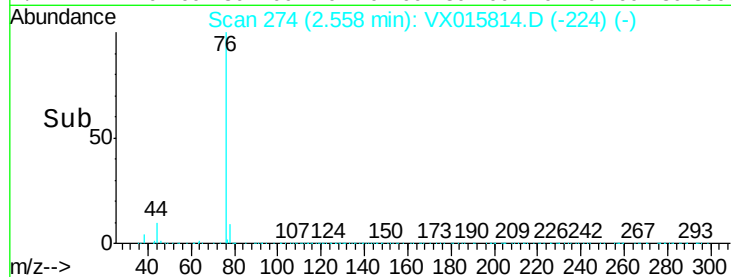
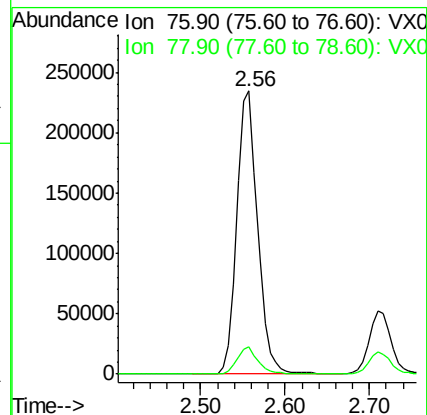
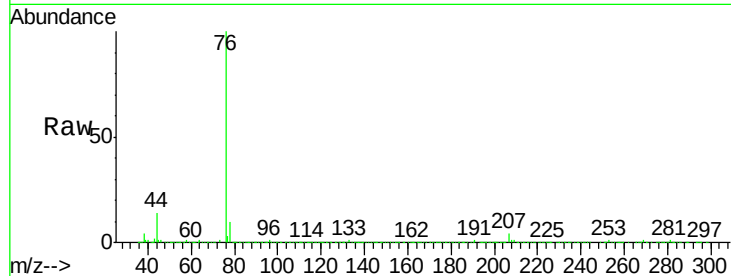
Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

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#18

Methyl Acetate

Concen: 19.949 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015814.D

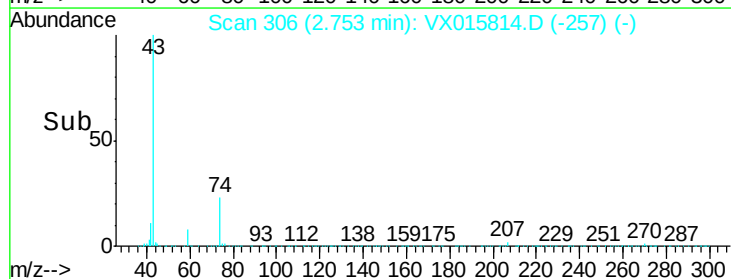
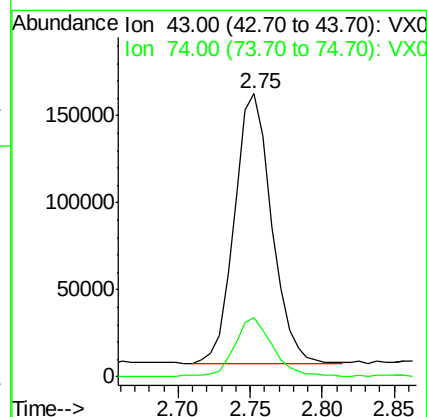
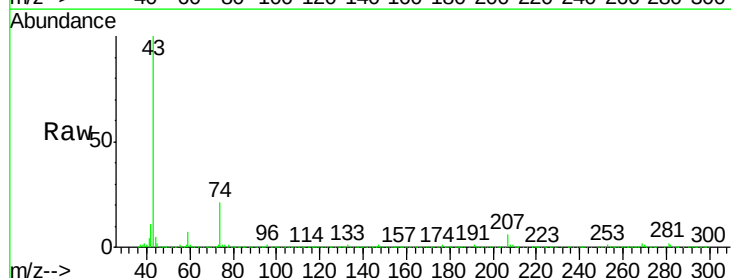
Acq: 21 Apr 2020 23:49

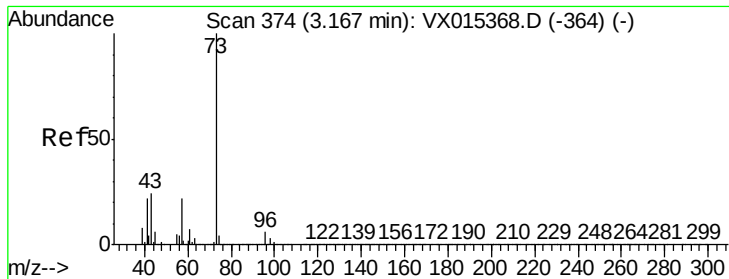
Tgt Ion: 43 Resp: 279194

Ion Ratio Lower Upper

43 100

74 21.8 16.5 24.7





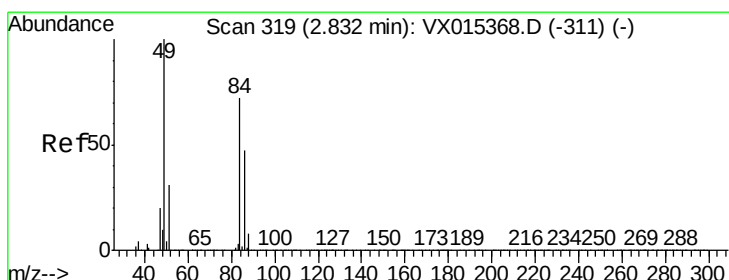
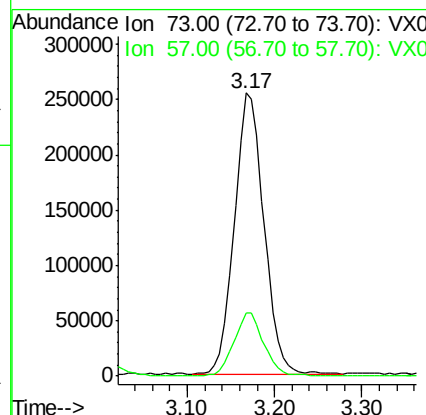
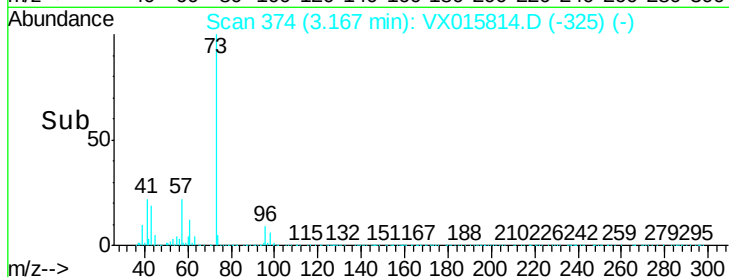
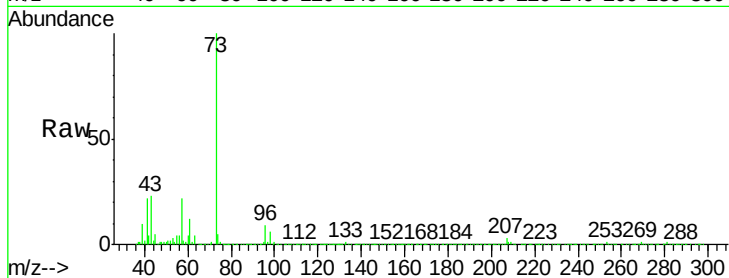
#19
Methyl tert-butyl Ether
Concen: 17.968 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.9	26.9

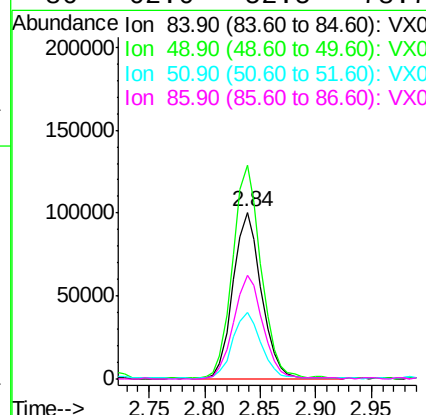
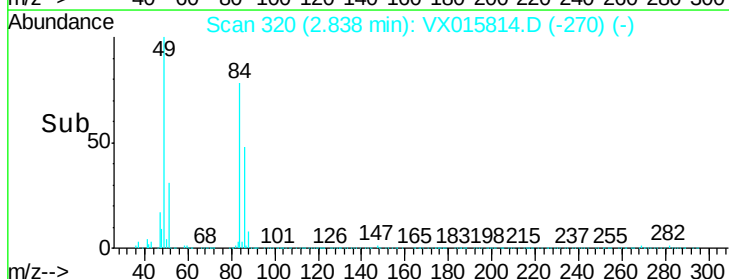
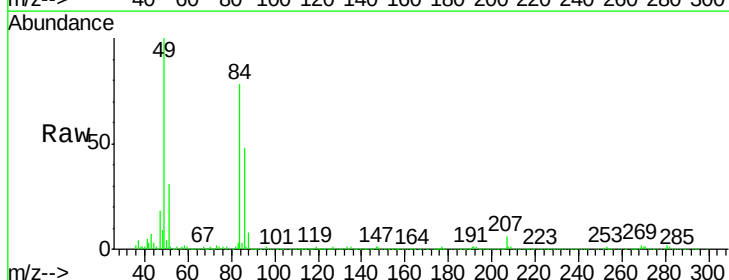
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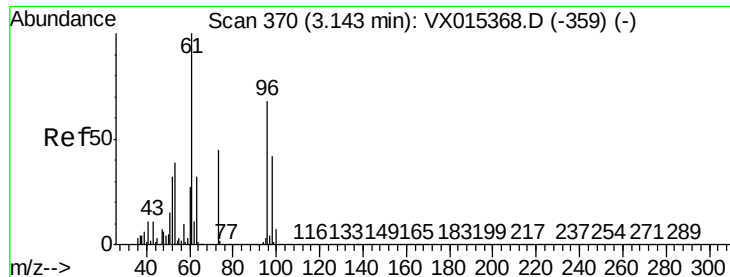
MMDadoda
4/22/2020 10:00:41 AM



#20
Methylene Chloride
Concen: 17.283 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.1	111.3	166.9
51	39.9	34.0	51.0
86	62.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 17.531 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

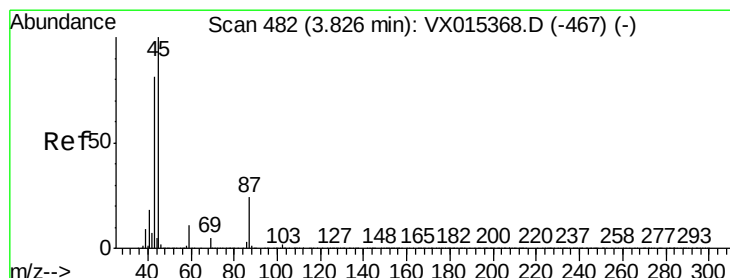
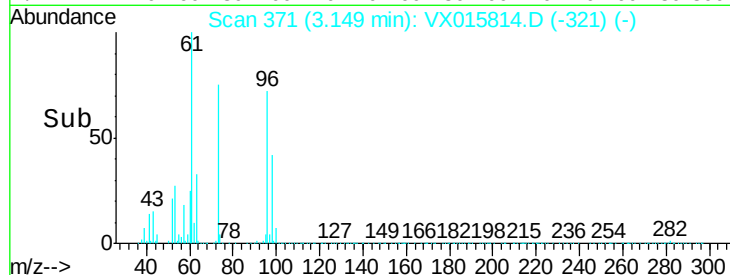
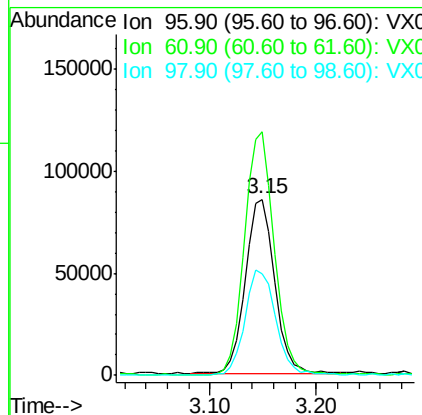
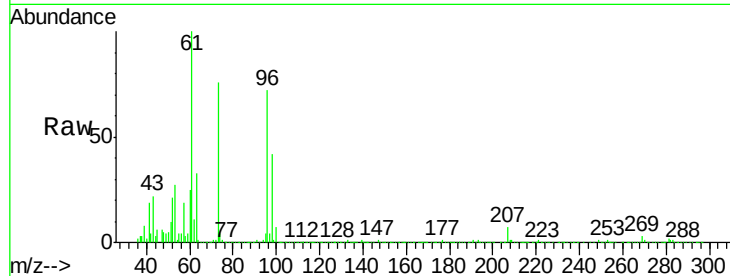
ClientSampleId :

VX0421WBSD02

Tot Ion:	96	Resp:	166234
Ion	Ratio	Lower	Upper
96	100		
61	139.0	116.9	175.3
98	57.5	48.6	73.0

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#22

Diisopropyl ether

Concen: 18.080 ug/l

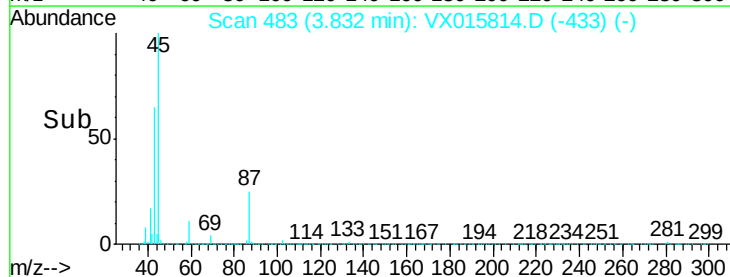
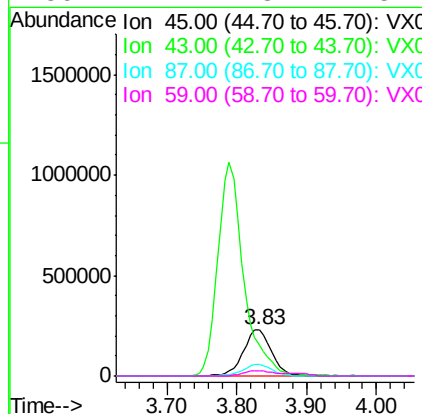
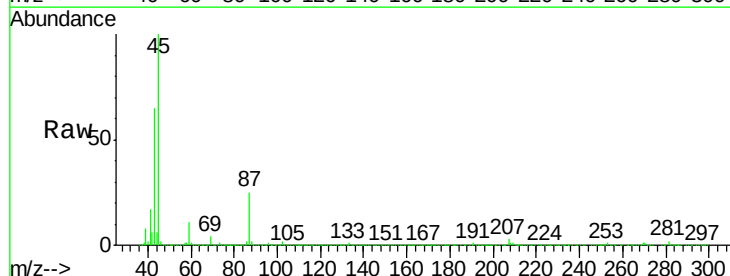
RT: 3.83 min Scan# 483

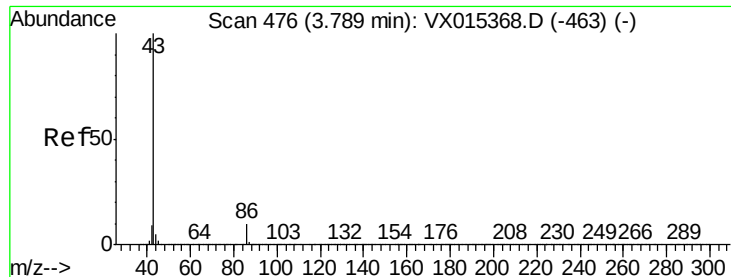
Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion:	45	Resp:	639575
Ion	Ratio	Lower	Upper
45	100		
43	64.3	64.7	97.1#
87	25.2	19.4	29.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 85.746 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tot Ion: 43 Resp: 2746326

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.6

Instrument :

MSVOA_X

ClientSampleId :

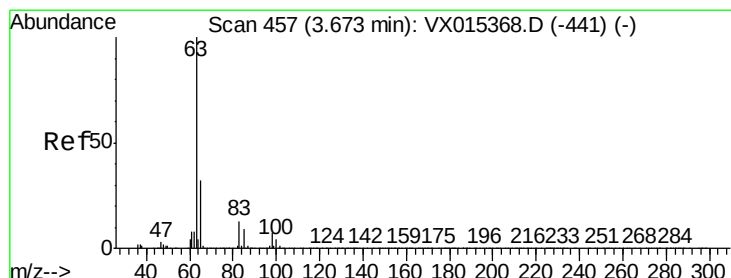
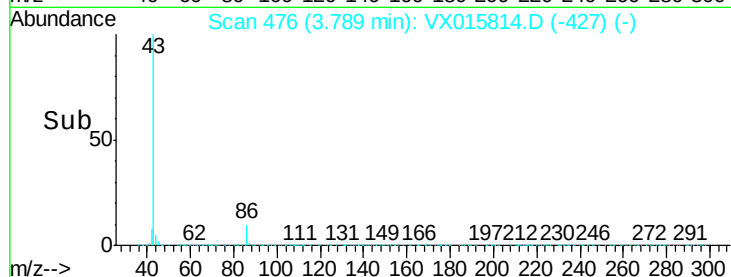
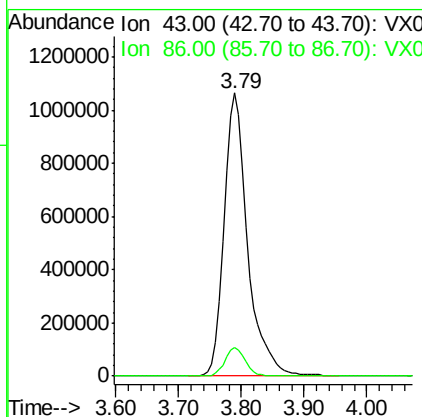
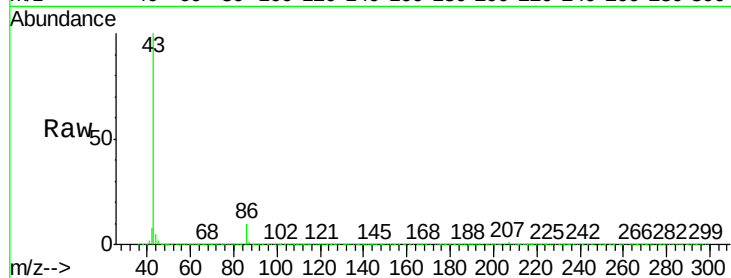
VX0421WBSD02

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#24

1,1-Dichloroethane

Concen: 17.272 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

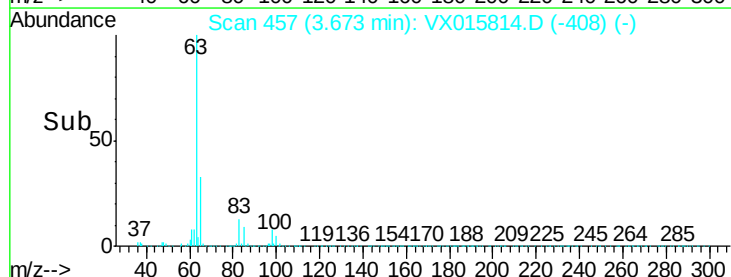
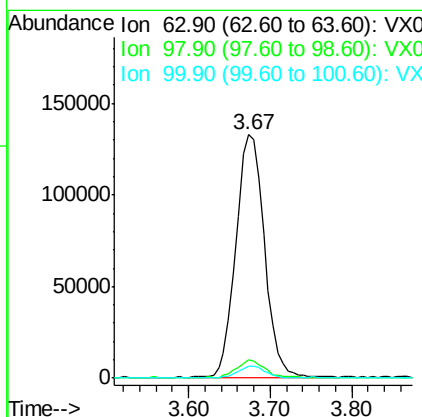
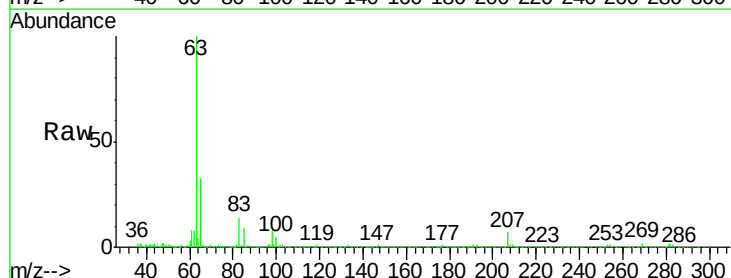
Tgt Ion: 63 Resp: 321694

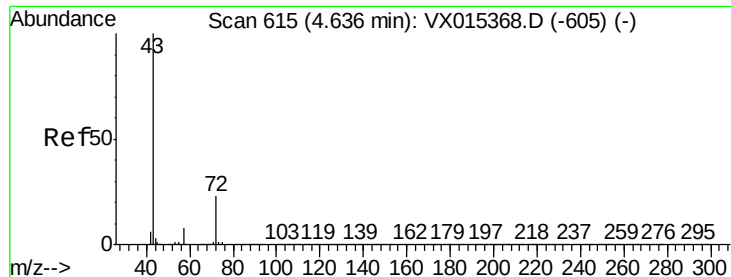
Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.8

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 83.926 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion: 43 Resp: 740116

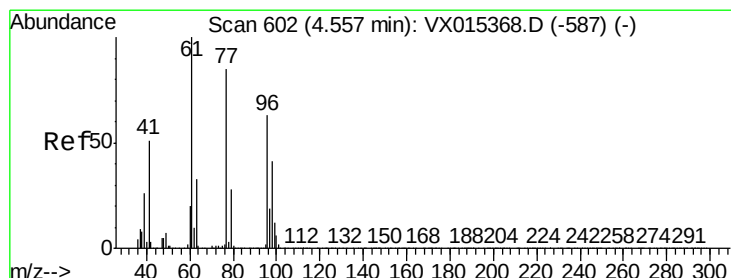
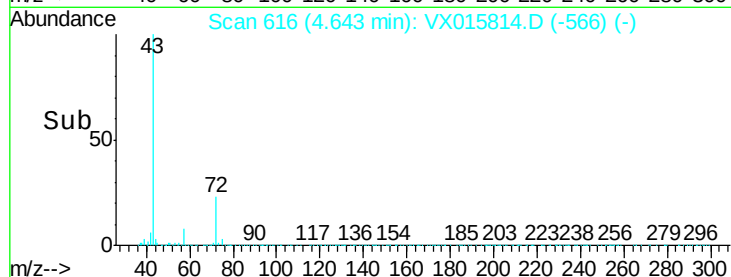
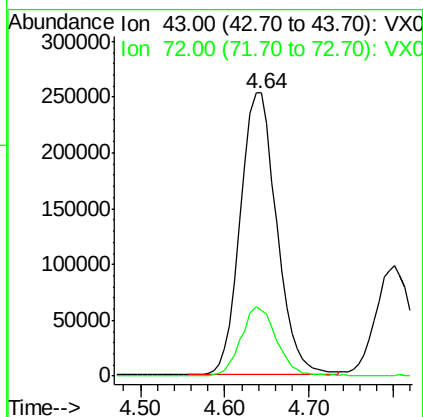
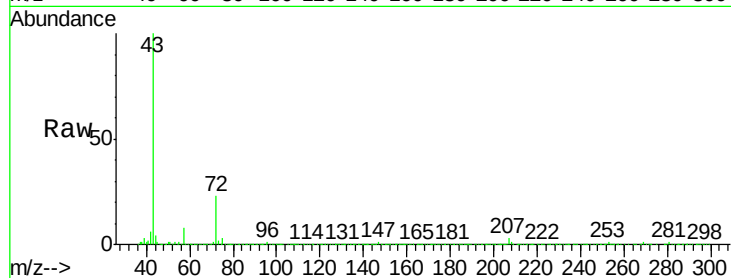
Ion Ratio Lower Upper

43 100

72 23.2 19.0 28.4

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4/22/2020 10:00:41 AM



#26

2,2-Dichloropropane

Concen: 15.609 ug/l

RT: 4.56 min Scan# 603

Delta R.T. 0.01 min

Lab File: VX015814.D

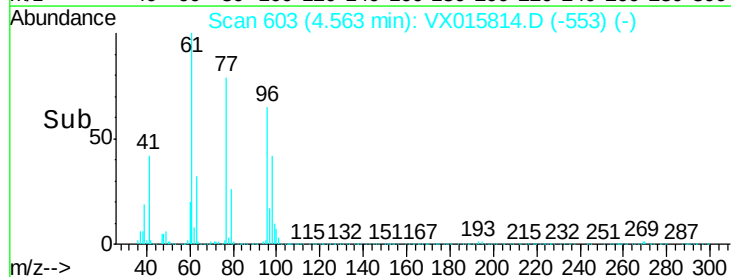
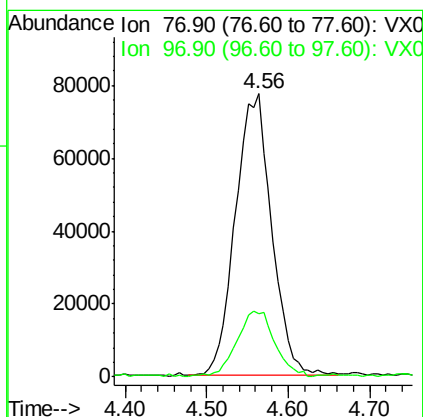
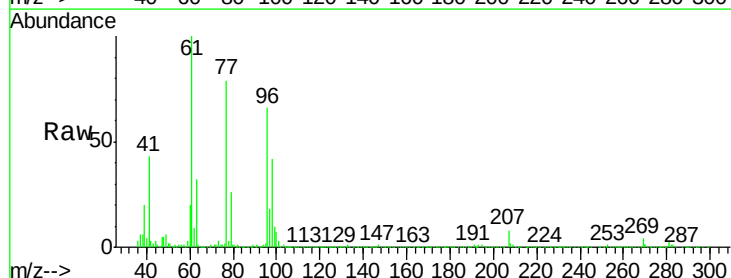
Acq: 21 Apr 2020 23:49

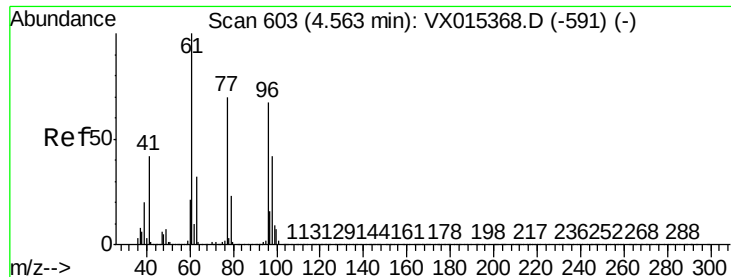
Tgt Ion: 77 Resp: 238629

Ion Ratio Lower Upper

77 100

97 24.7 11.3 33.8





#27

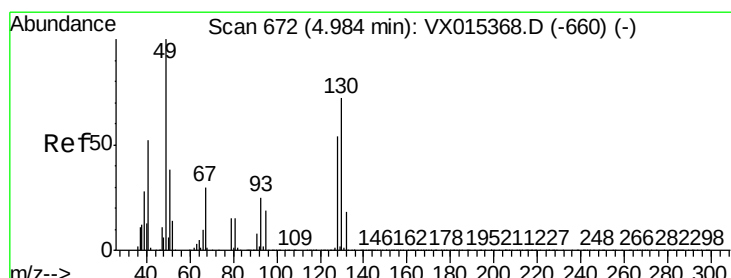
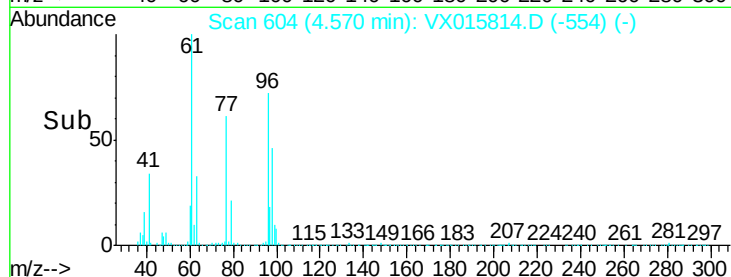
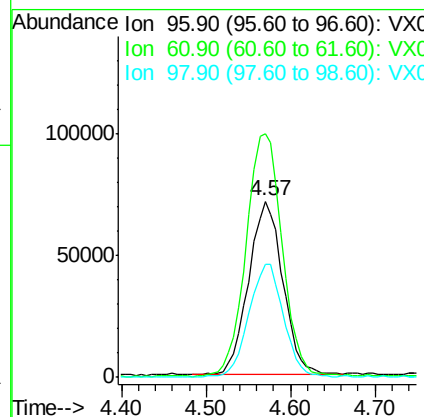
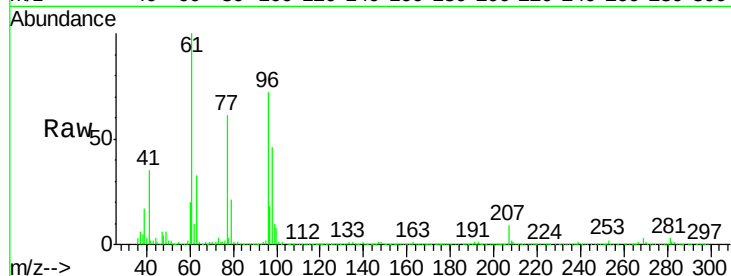
cis-1,2-Dichloroethene
Concen: 17.995 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	197412		
61	146.2	0.0	308.4	
98	65.8	0.0	129.2	

Manual Integrations
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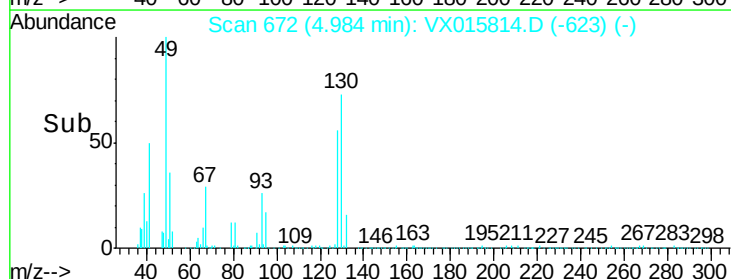
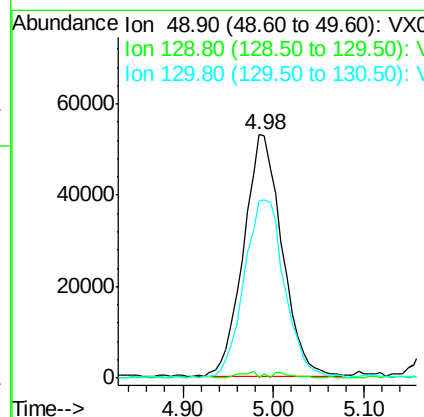
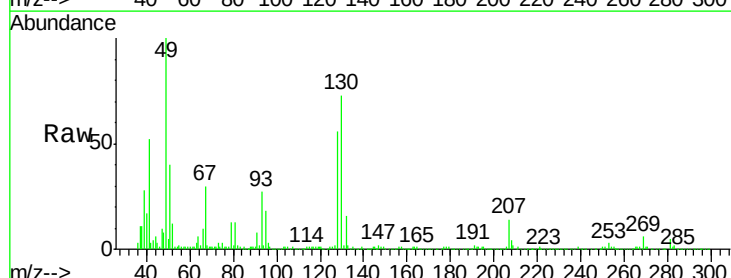
MMDadoda
4/22/2020 10:00:41 AM

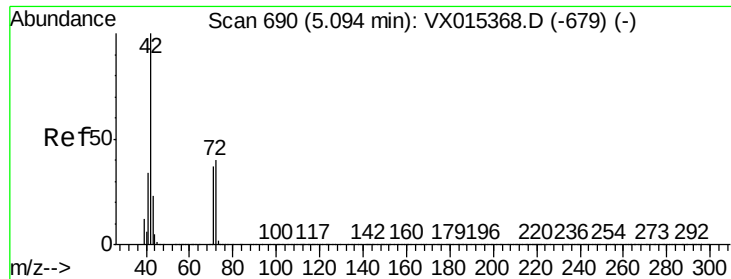


#28

Bromochloromethane
Concen: 17.451 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	155184		
129	1.2	0.0	4.4	
130	77.3	57.7	86.5	





#29

Tetrahydrofuran

Concen: 84.973 ug/l

RT: 5.10 min Scan# 691

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

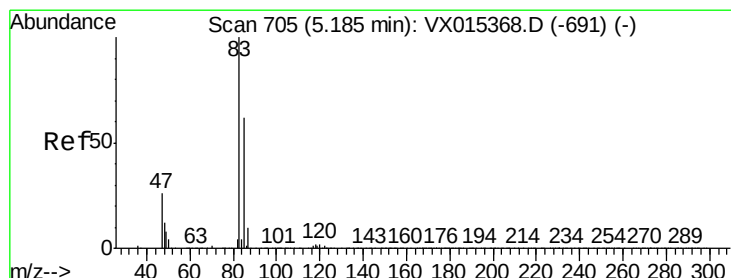
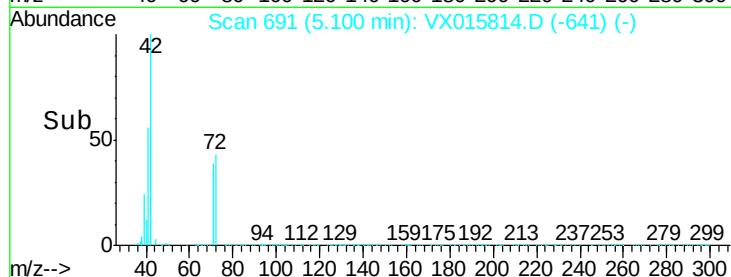
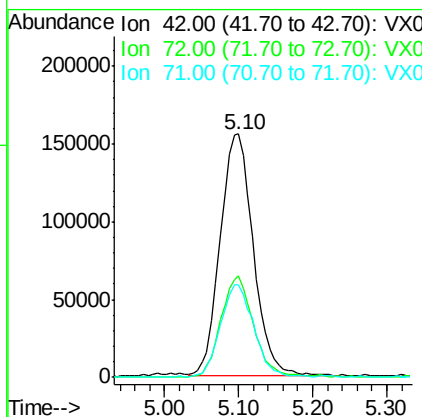
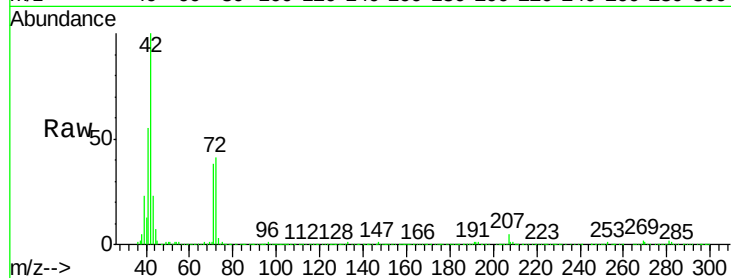
ClientSampleId :

VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	31.7	47.5
71	38.3	29.6	44.4

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4/22/2020 10:00:41 AM



#30

Chloroform

Concen: 17.783 ug/l

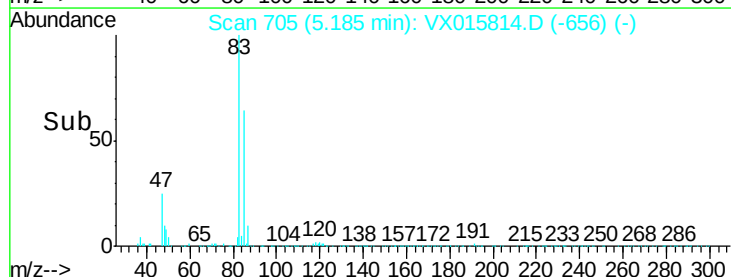
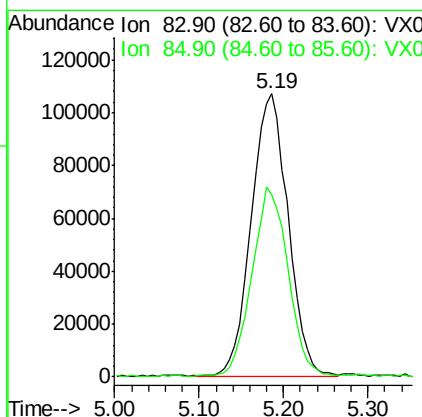
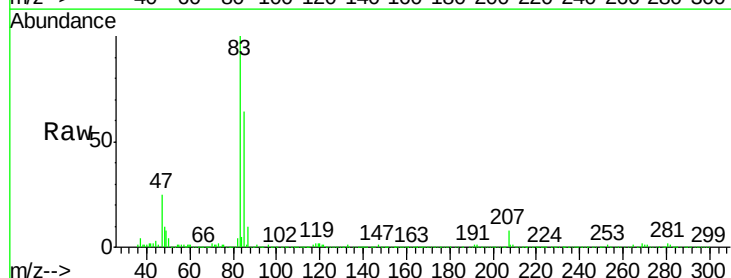
RT: 5.19 min Scan# 705

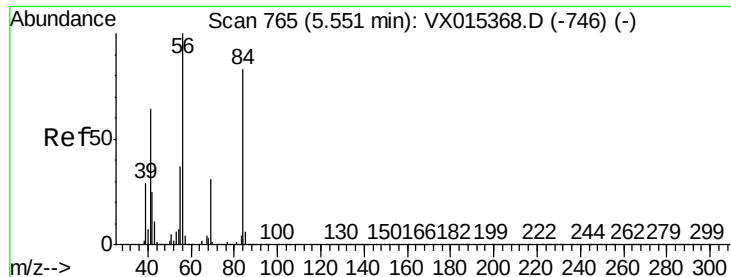
Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.5	74.3





#31

Cyclohexane

Concen: 16.955 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

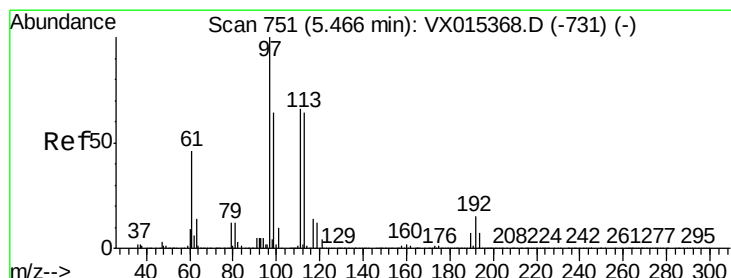
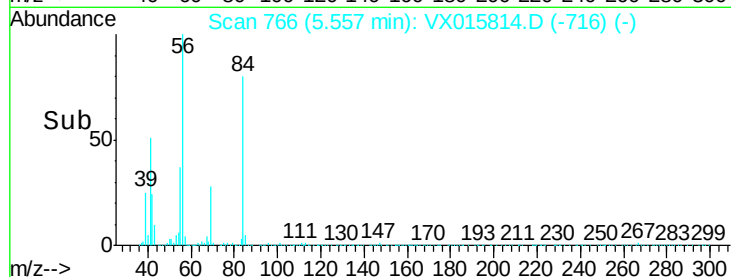
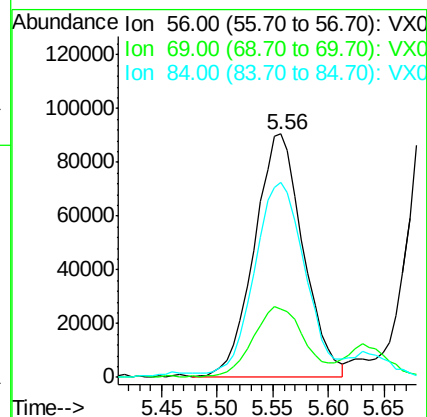
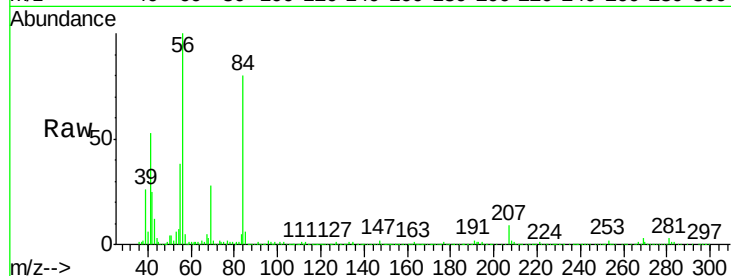
ClientSampleId :

VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.6	24.6	36.8
84	78.7	66.1	99.1

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#32

1,1,1-Trichloroethane

Concen: 17.674 ug/l

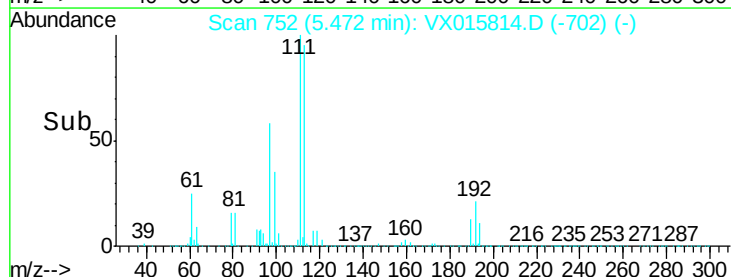
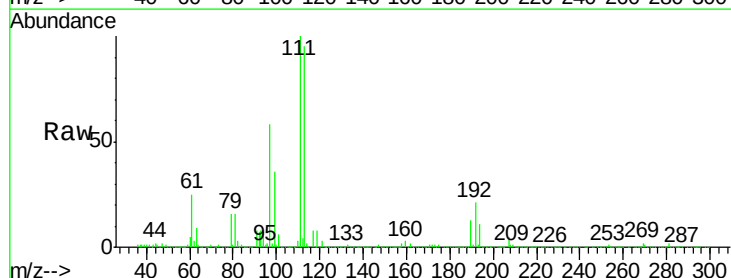
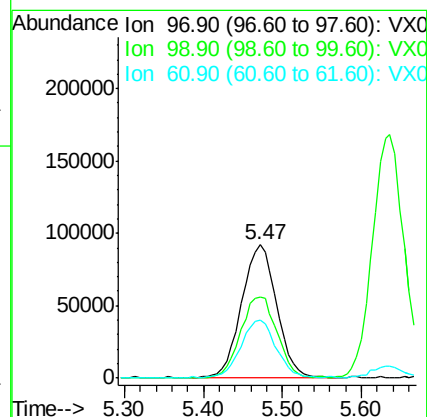
RT: 5.47 min Scan# 752

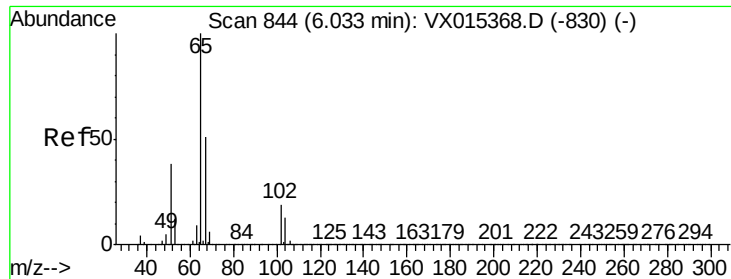
Delta R.T. 0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.0	76.4
61	42.2	36.1	54.1





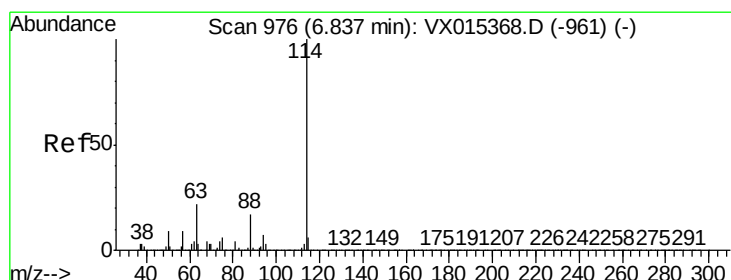
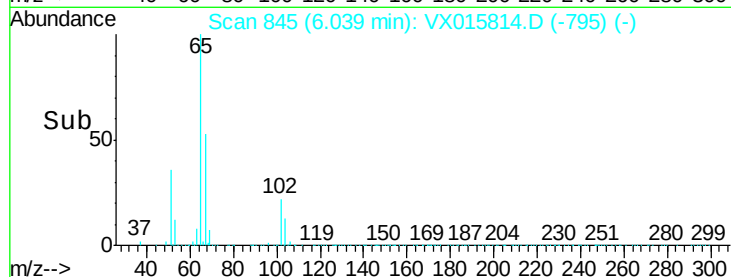
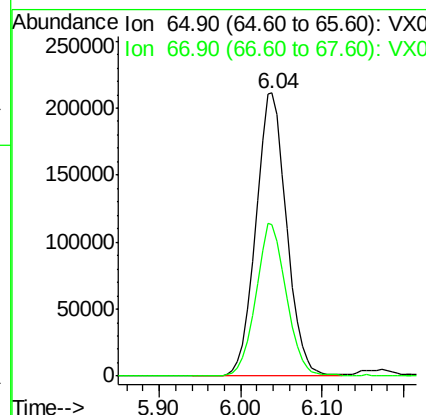
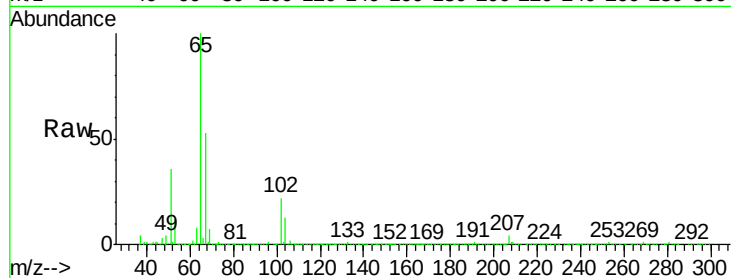
#33
 1,2-Dichloroethane-d4
 Concen: 43.414 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	554119		
67	52.9	0.0	102.6	

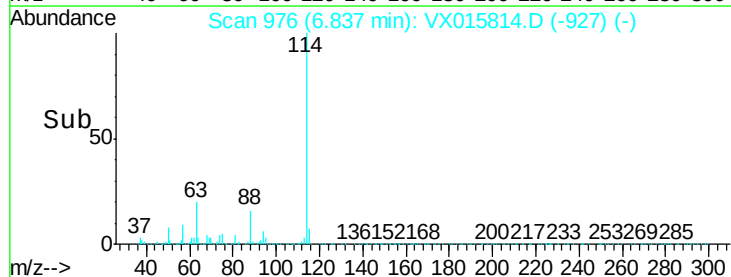
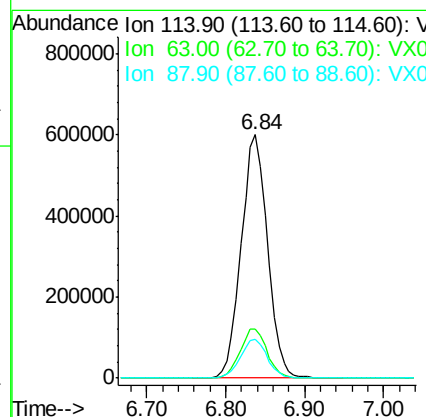
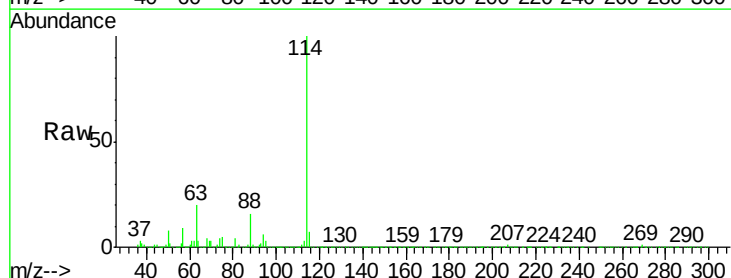
Manual Integrations
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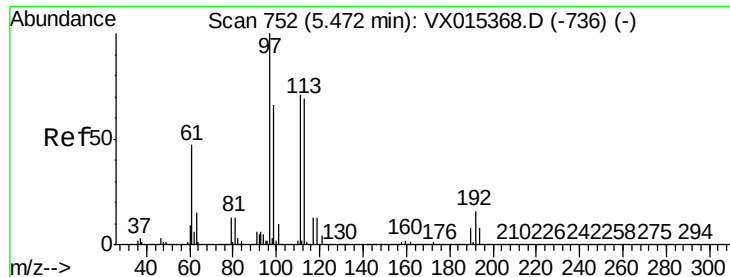
MMDadoda
 4/22/2020 10:00:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1395841		
63	20.2	0.0	44.2	
88	15.7	0.0	33.8	





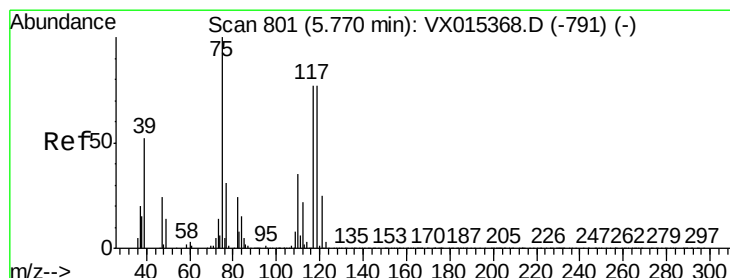
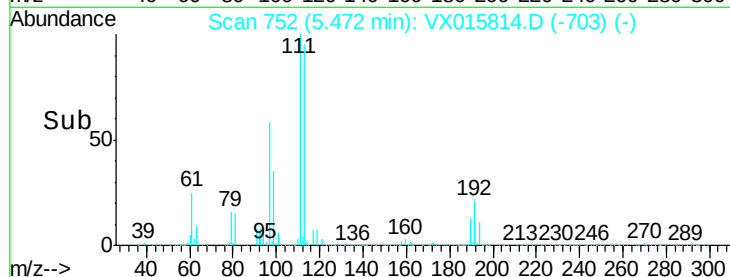
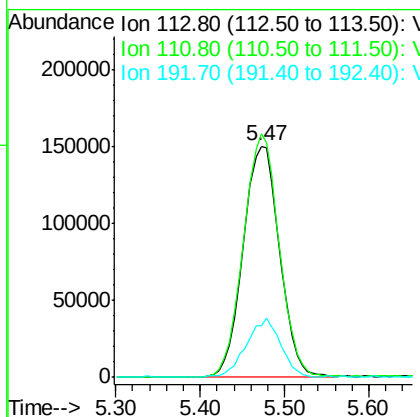
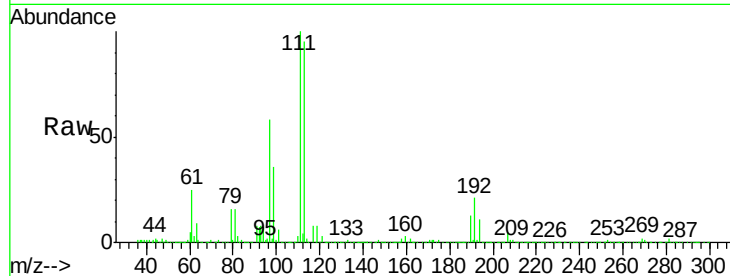
#35
 Dibromofluoromethane
 Concen: 49.502 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	23.6	17.8	26.6

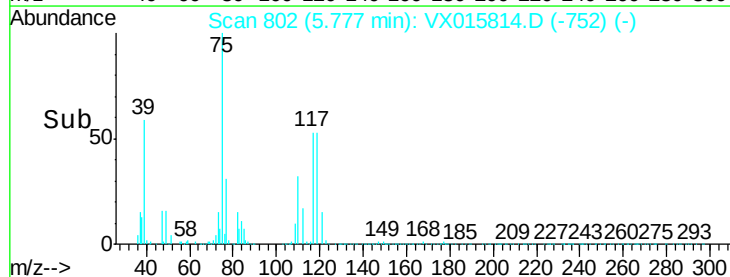
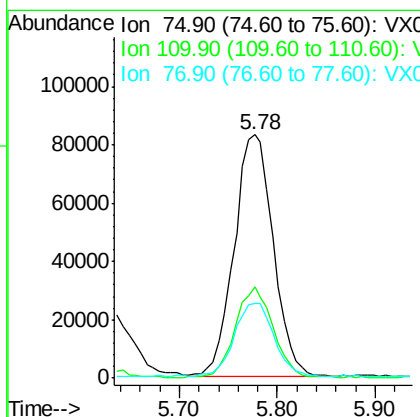
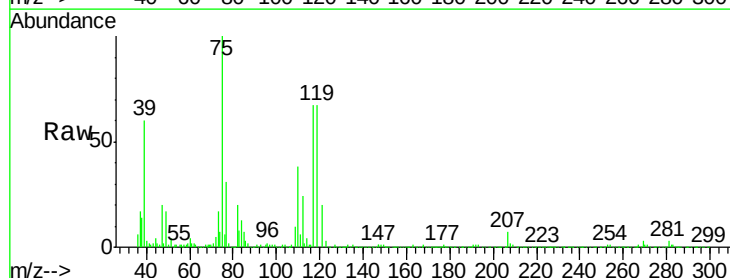
Manual Integrations
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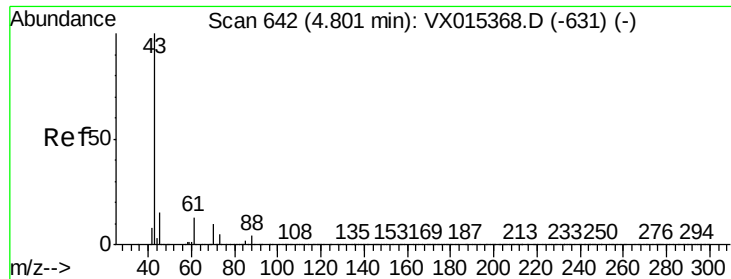
MMDadoda
 4/22/2020 10:00:41 AM



#36
 1,1-Dichloropropene
 Concen: 17.742 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	17.1	51.3
77	31.6	24.6	36.8





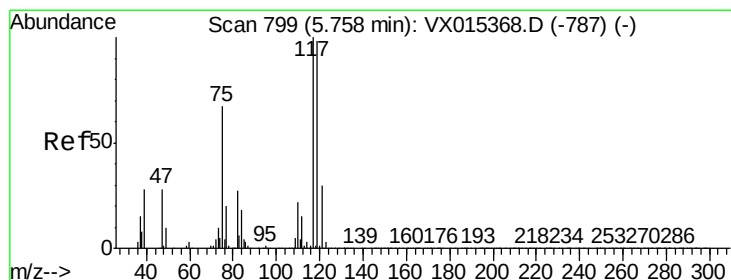
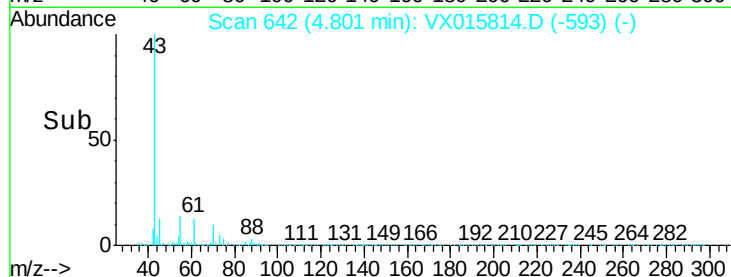
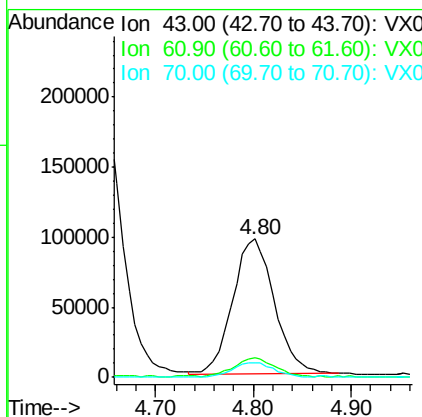
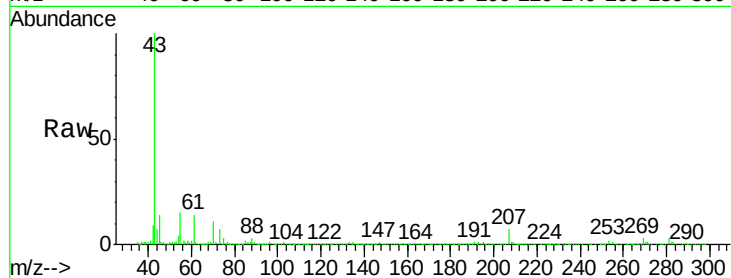
#37
Ethyl Acetate
Concen: 17.069 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.9	14.9
70	11.0	8.1	12.1

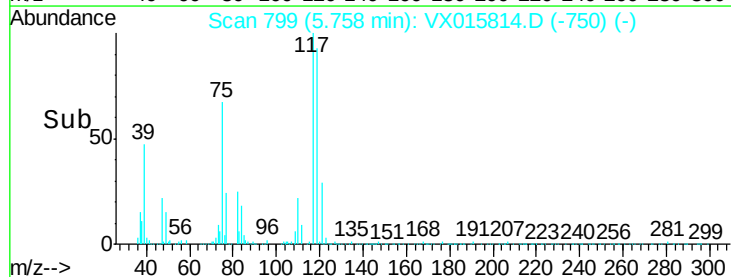
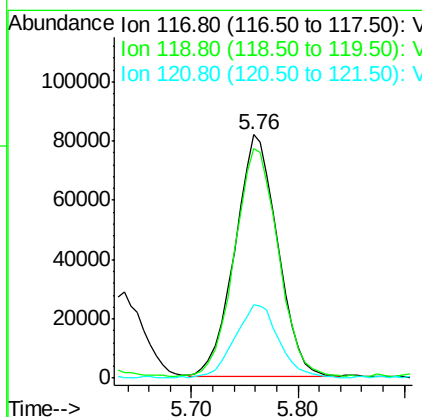
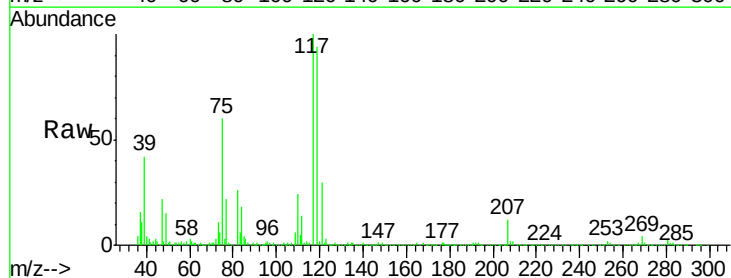
Manual Integrations
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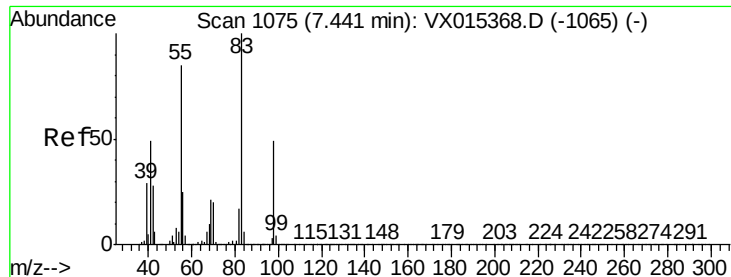
MMDadoda
4/22/2020 10:00:41 AM



#38
Carbon Tetrachloride
Concen: 16.469 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.0	117.0
121	30.0	23.8	35.8





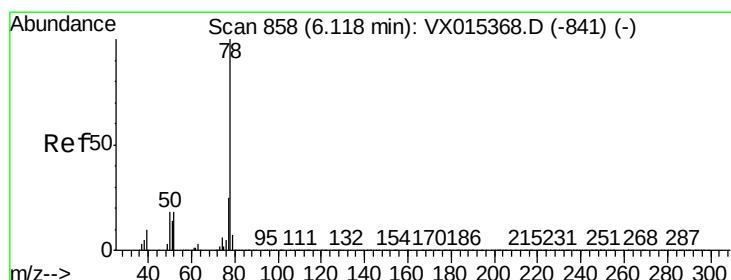
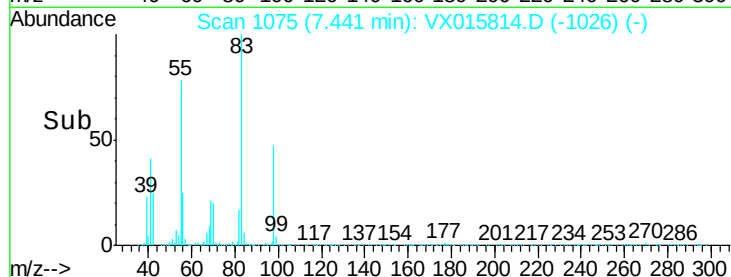
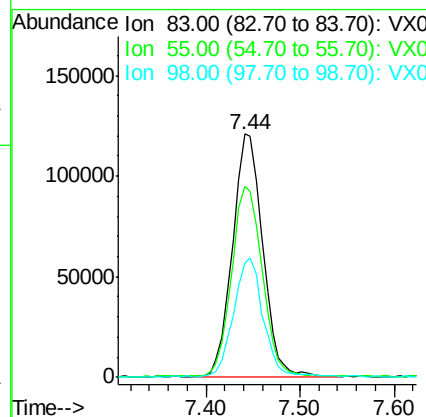
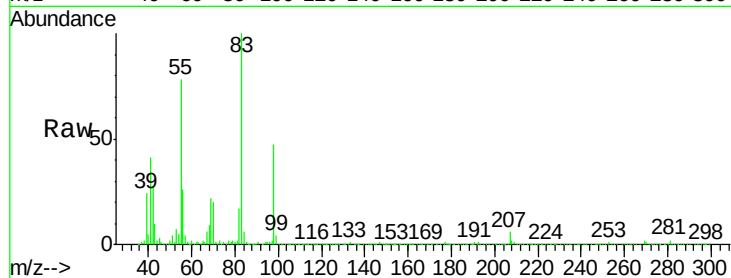
#39
Methylvlcyclohexane
Concen: 18.361 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	67.8	101.6
98	46.9	39.3	58.9

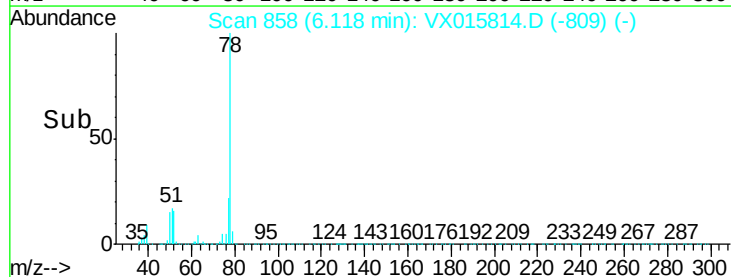
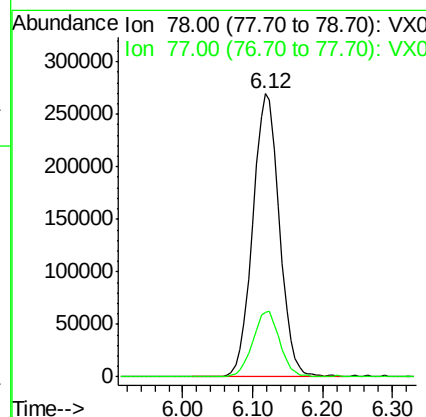
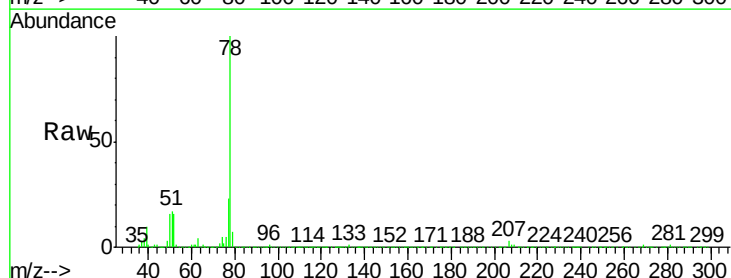
Manual Integrations
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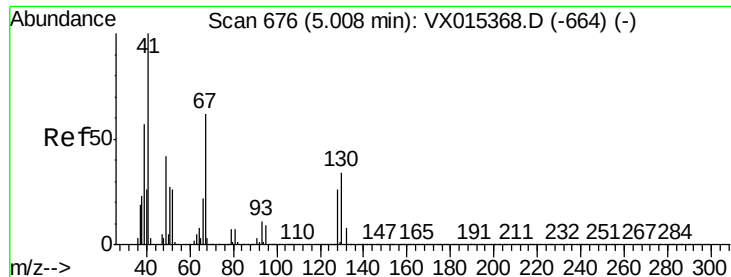
MMDadoda
4/22/2020 10:00:41 AM



#40
Benzene
Concen: 18.866 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.8	29.8





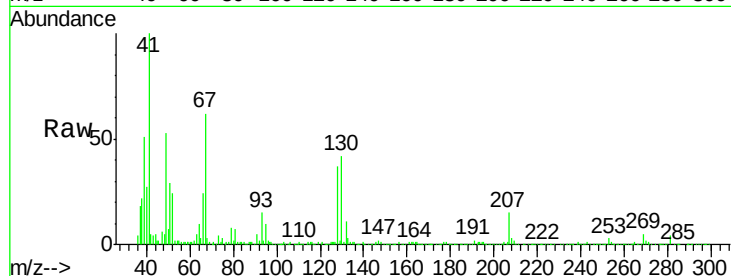
#41
Methacrylonitrile
Concen: 18.315 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

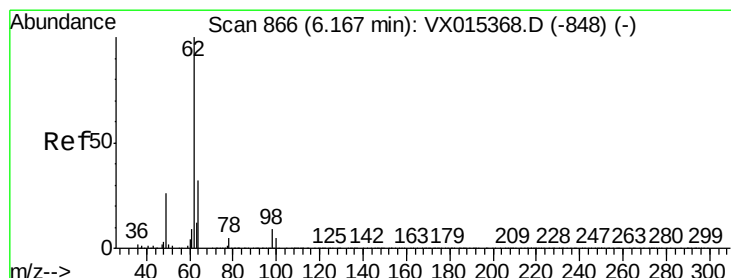
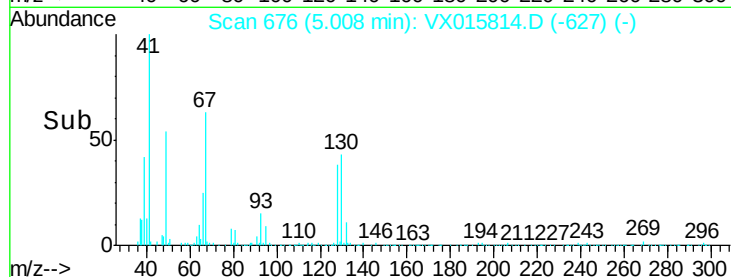
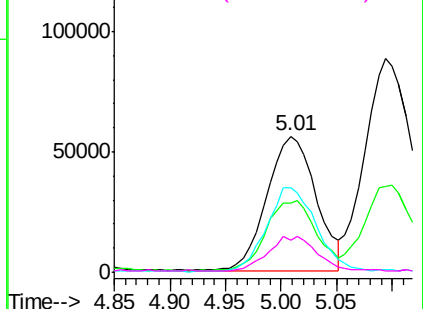
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	44.5	66.7	
67	62.4	48.9	73.3	
52	25.8	21.8	32.6	

Manual Integrations
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4/22/2020 10:00:41 AM

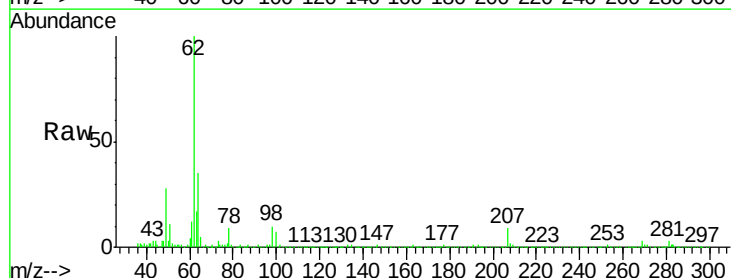


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

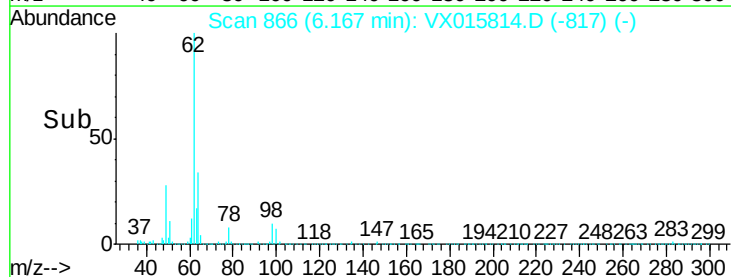
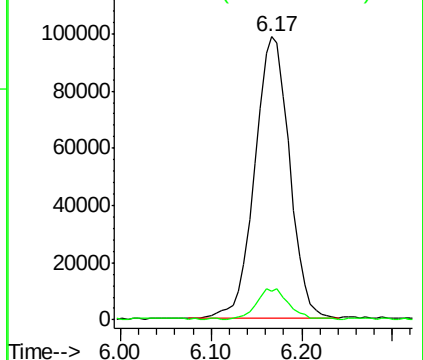


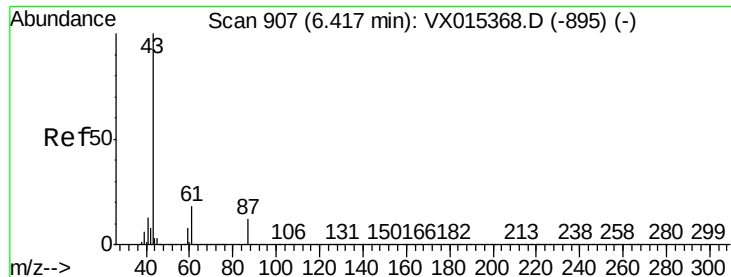
#42
1,2-Dichloroethane
Concen: 17.232 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	17.6	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.681 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

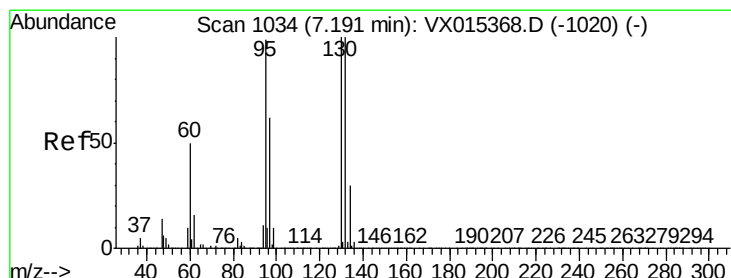
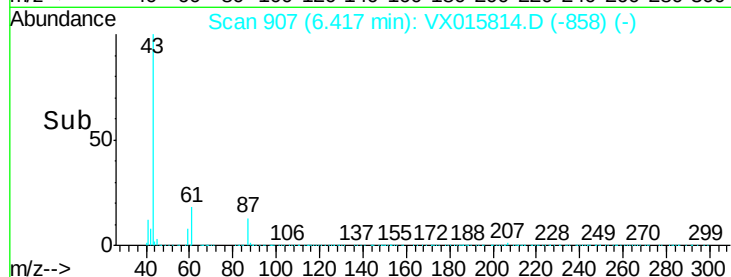
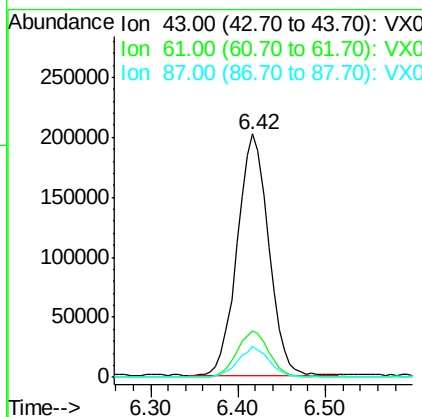
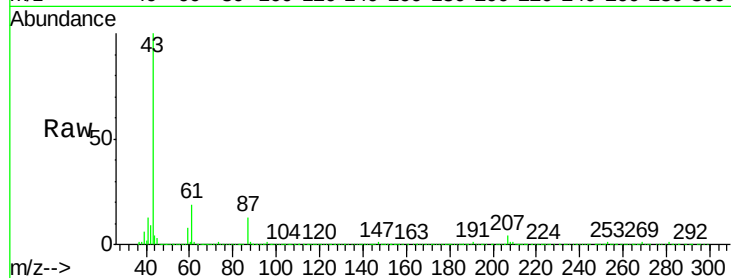
ClientSampleId :

VX0421WBSD02

Tot Ion:	43	Resp:	499817
Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.8	22.2
87	12.5	9.4	14.0

Manual Integrations
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MMDadoda
4/22/2020 10:00:41 AM



#44

Trichloroethene

Concen: 24.282 ug/l

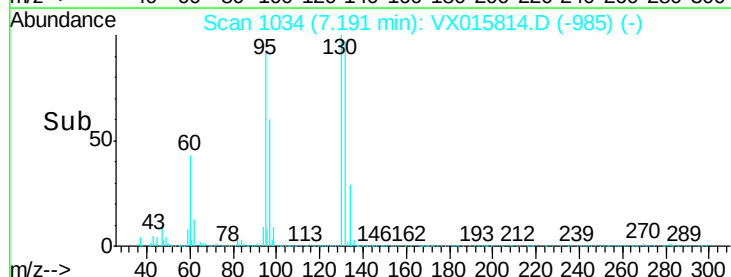
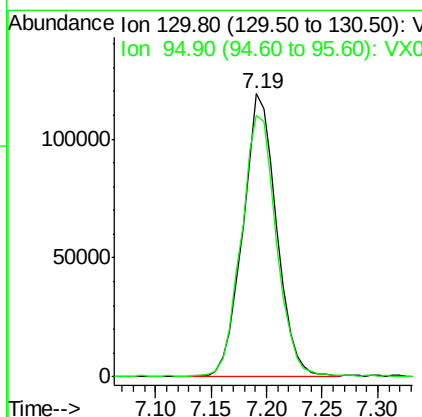
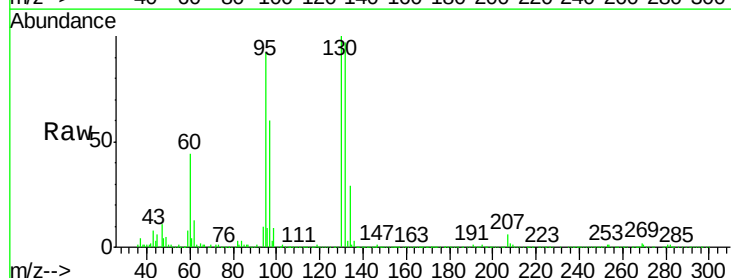
RT: 7.19 min Scan# 1034

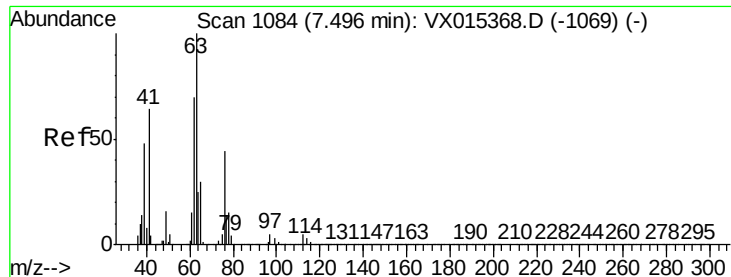
Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion:	130	Resp:	249490
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	199.0





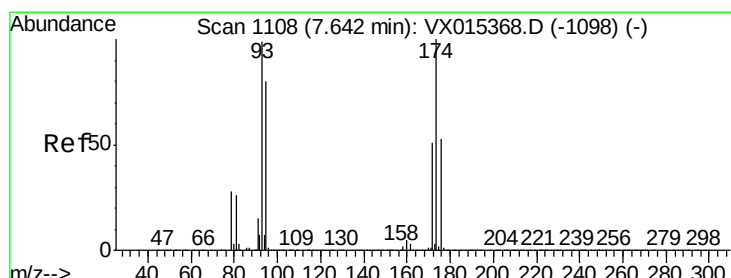
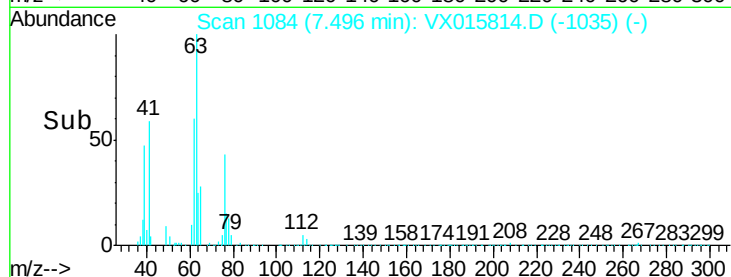
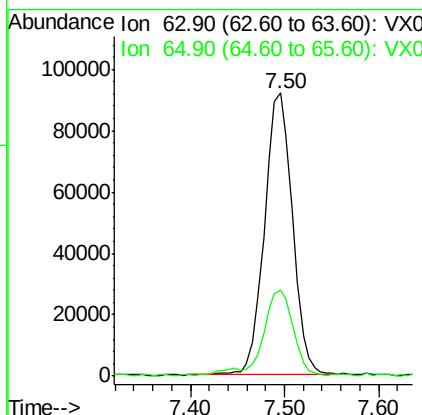
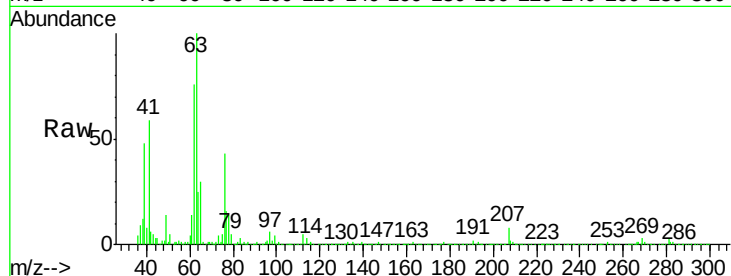
#45
 1,2-Dichloropropane
 Concen: 18.632 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.9	35.9

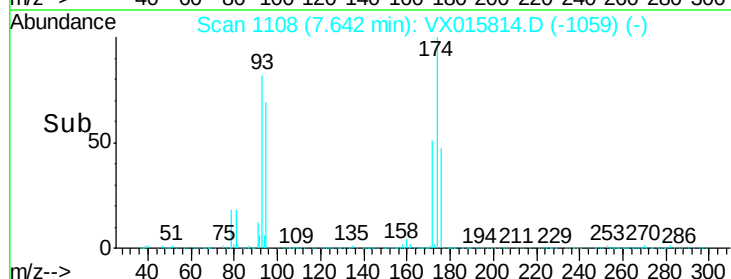
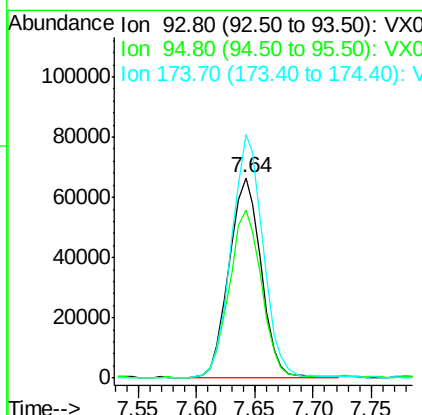
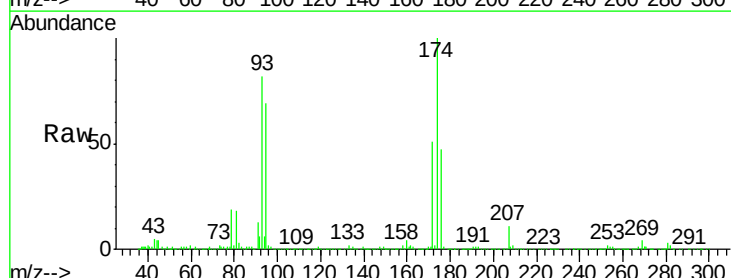
Manual Integrations
 APPROVED

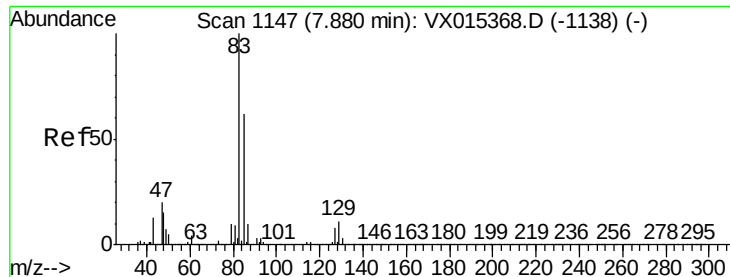
MMDadoda
 4/22/2020 10:00:41 AM



#46
 Dibromomethane
 Concen: 18.732 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.8	98.8
174	120.5	86.2	129.2





#47

Bromodichloromethane

Concen: 18.183 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

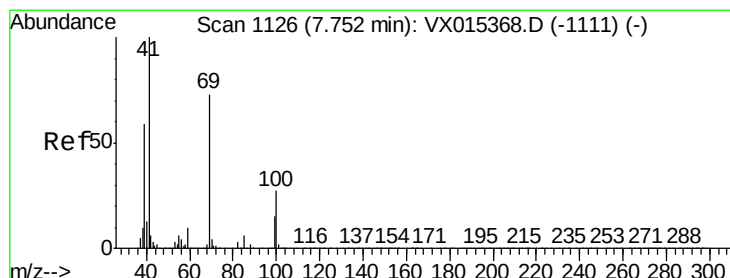
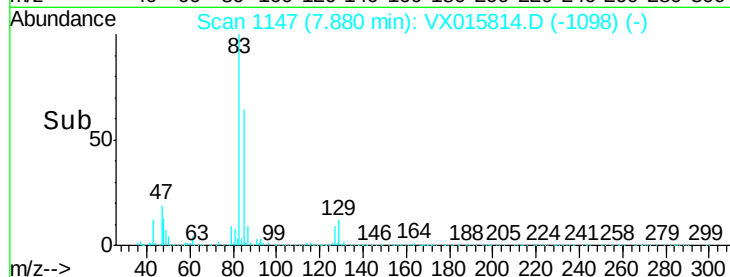
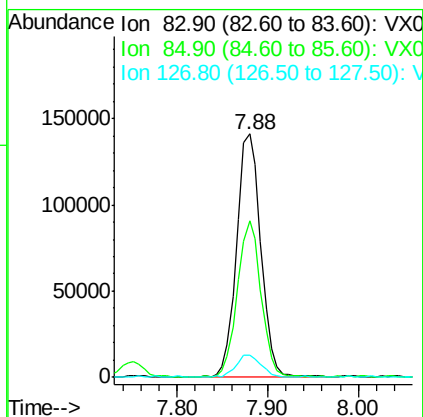
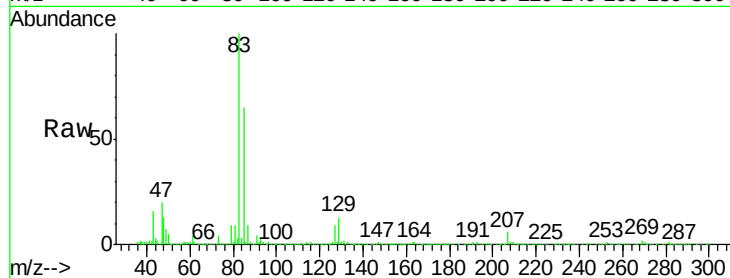
ClientSampleId :

VX0421WBSD02

Tot Ion:	83	Resp:	261926
Ion Ratio		Lower	Upper
83	100		
85	64.5	49.7	74.5
127	9.0	6.7	10.1

Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:00:41 AM



#48

Methyl methacrylate

Concen: 17.434 ug/l

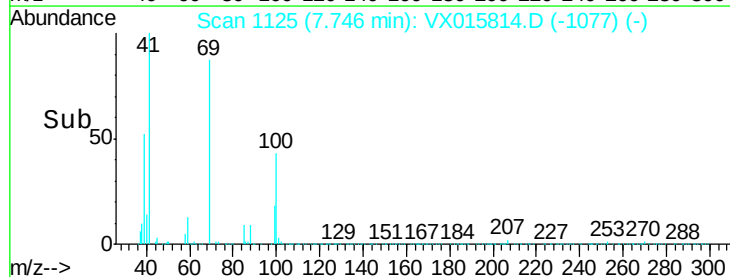
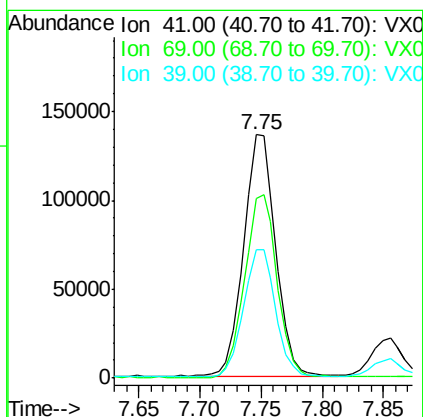
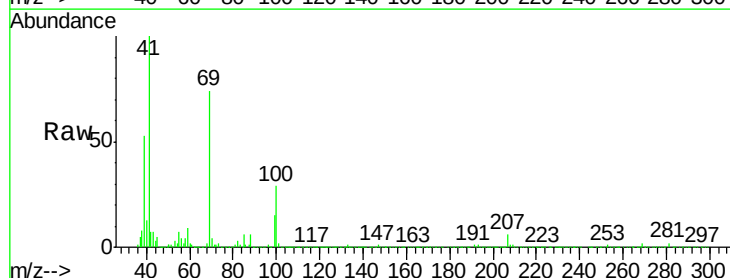
RT: 7.75 min Scan# 1125

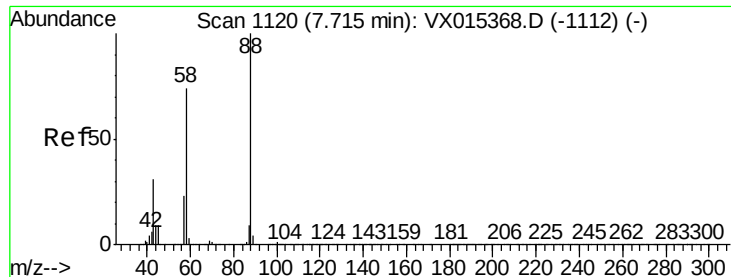
Delta R.T. -0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion:	41	Resp:	246165
Ion Ratio		Lower	Upper
41	100		
69	77.3	56.7	85.1
39	53.3	46.5	69.7





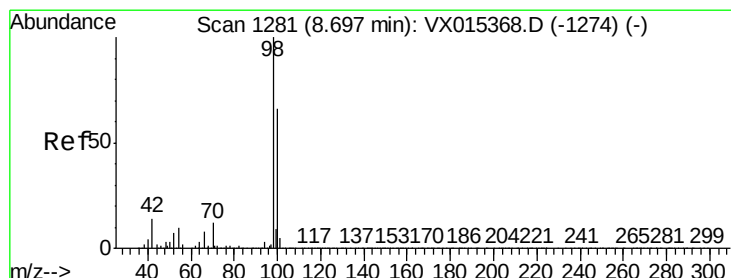
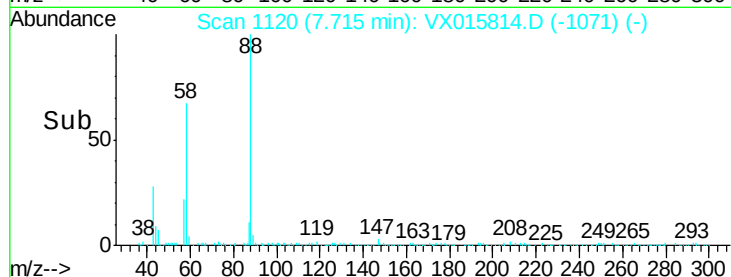
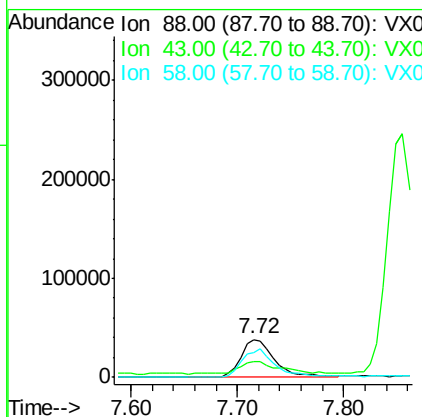
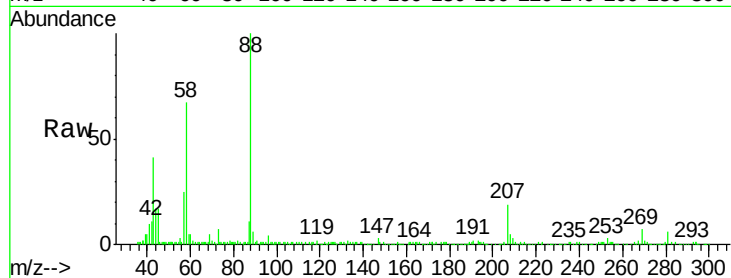
#49
1,4-Dioxane
Concen: 316.513 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.8	30.1	45.1
58	72.7	60.6	90.8

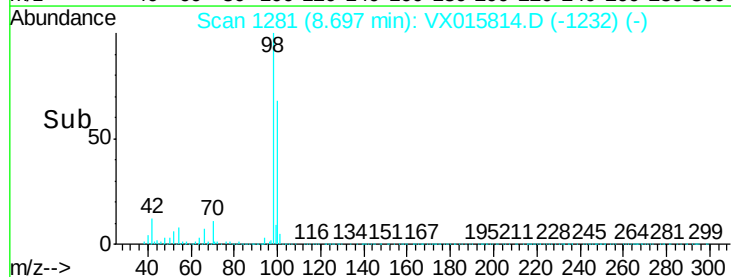
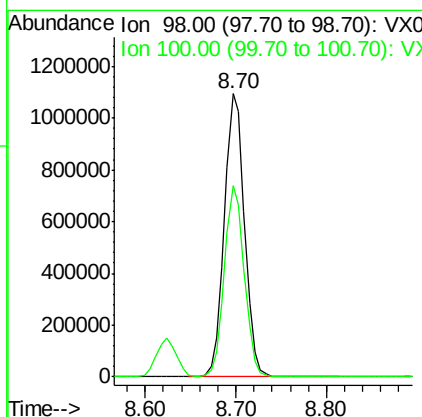
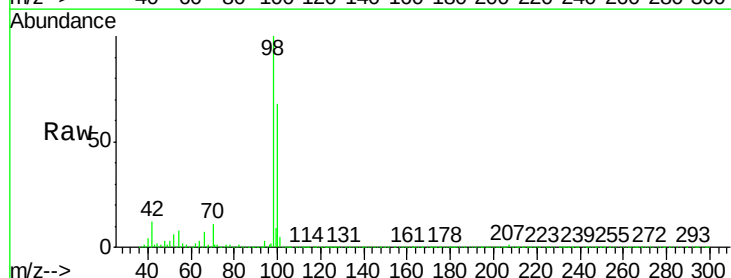
Manual Integrations
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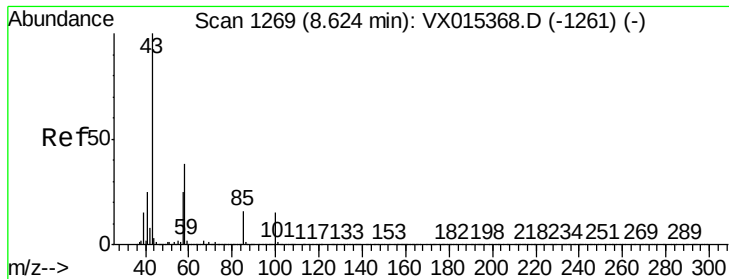
MMDadoda
4/22/2020 10:00:41 AM



#50
Toluene-d8
Concen: 51.545 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.5	80.3





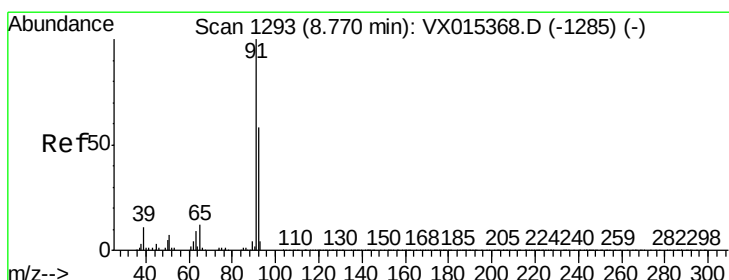
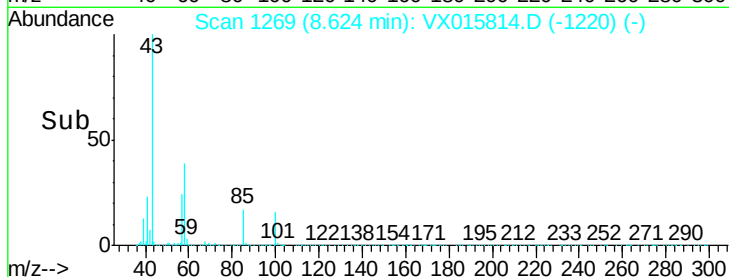
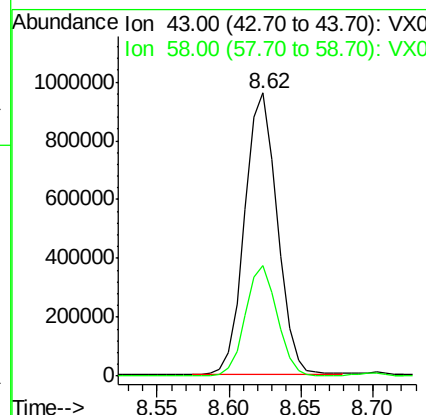
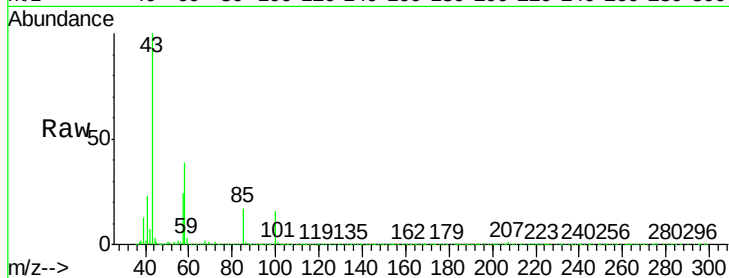
#51
4-Methyl-2-Pentanone
Concen: 93.358 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion: 43 Resp: 1495663
Ion Ratio Lower Upper
43 100
58 38.4 29.7 44.5

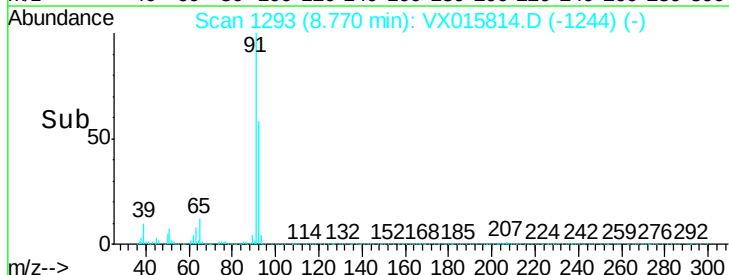
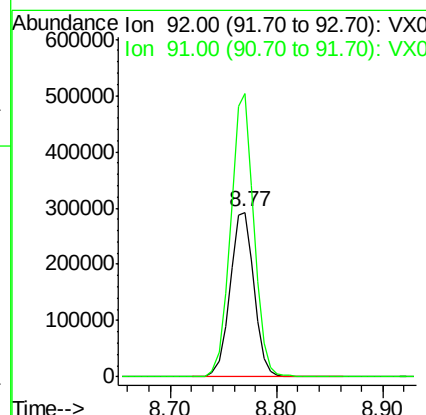
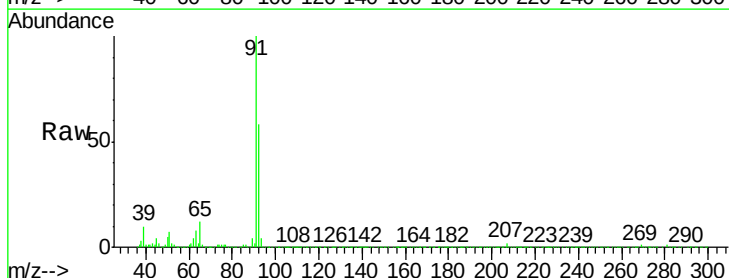
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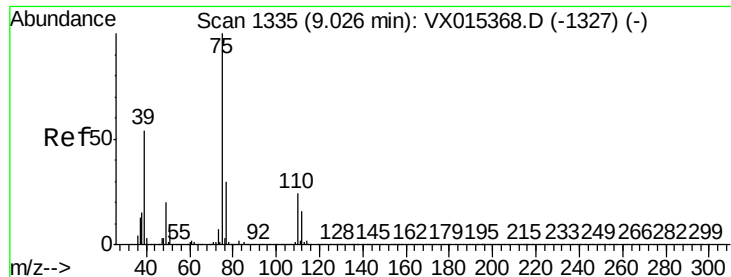
MMDadoda
4/22/2020 10:00:41 AM



#52
Toluene
Concen: 19.737 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 92 Resp: 458439
Ion Ratio Lower Upper
92 100
91 167.0 136.6 205.0





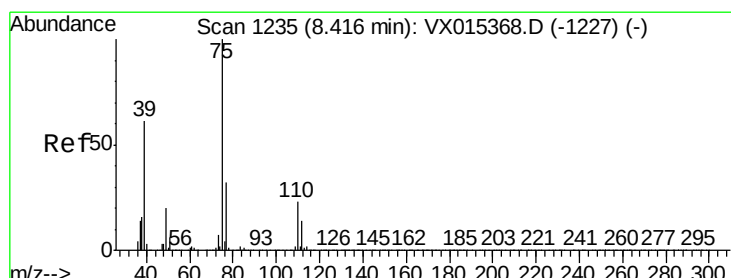
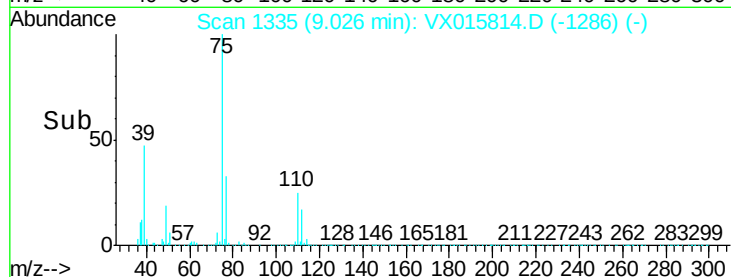
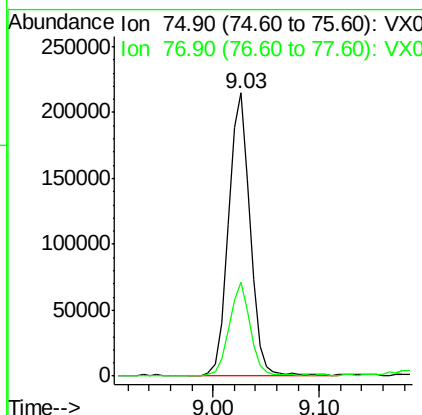
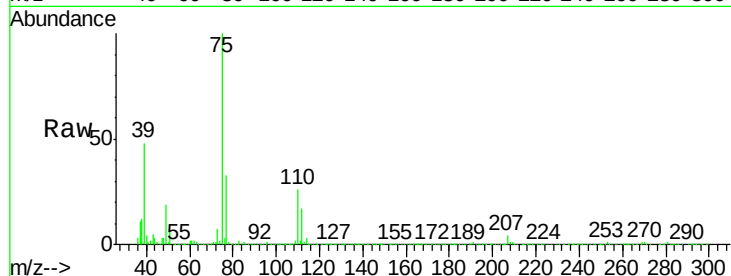
#53
t-1,3-Dichloropropene
Concen: 18.033 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.1	36.1

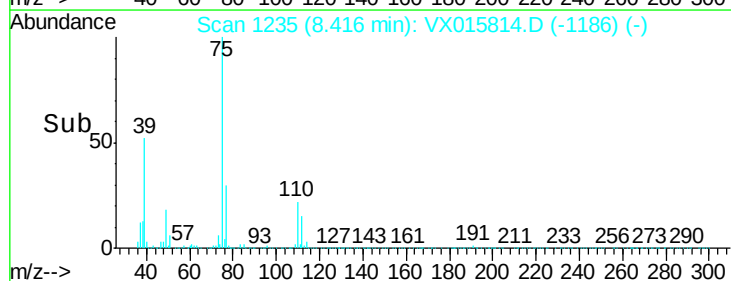
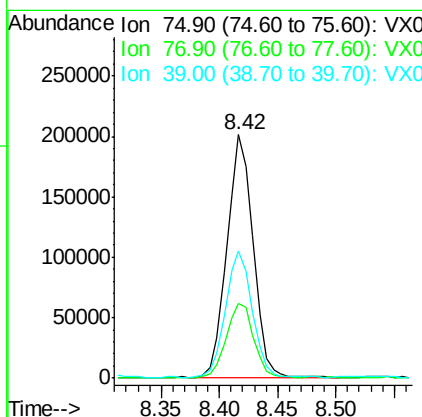
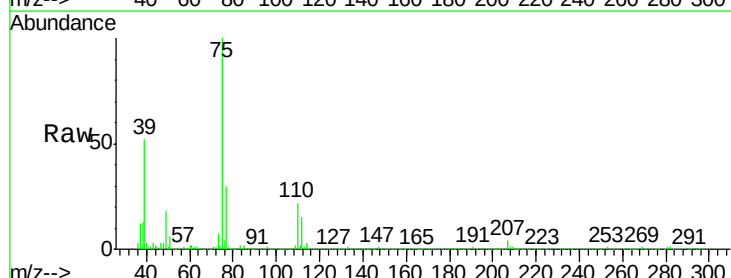
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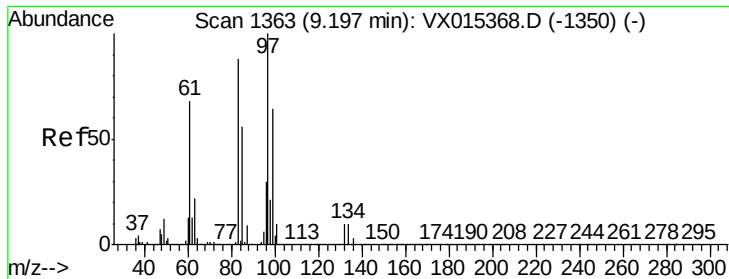
MMDadoda
4/22/2020 10:00:41 AM



#54
cis-1,3-Dichloropropene
Concen: 18.268 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.8	38.6
39	52.2	49.0	73.4





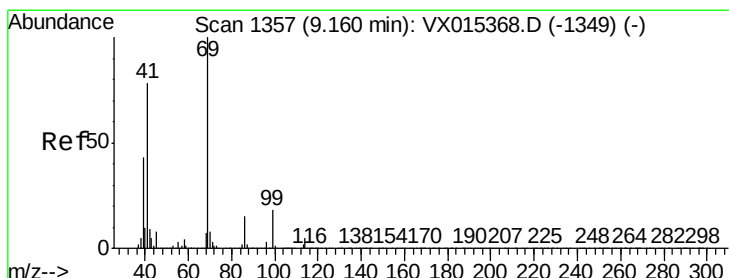
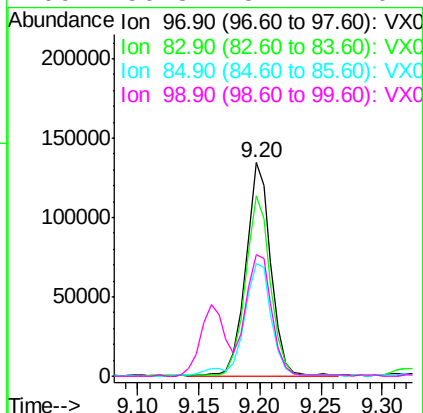
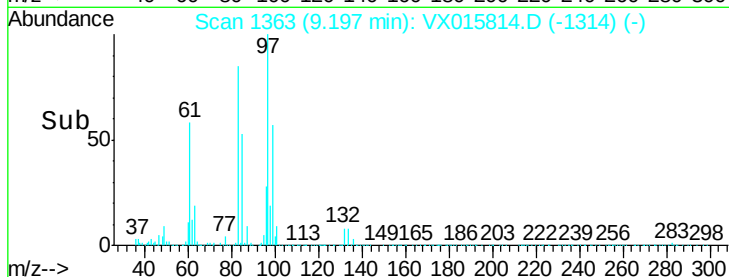
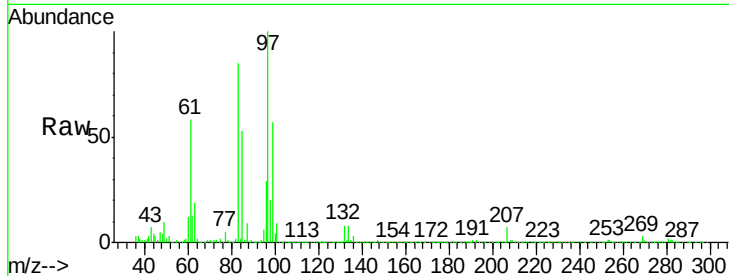
#55
 1,1,2-Trichloroethane
 Concen: 19.929 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		189651		
83	84.5	70.2	105.4		
85	52.6	44.7	67.1		
99	56.8	51.1	76.7		

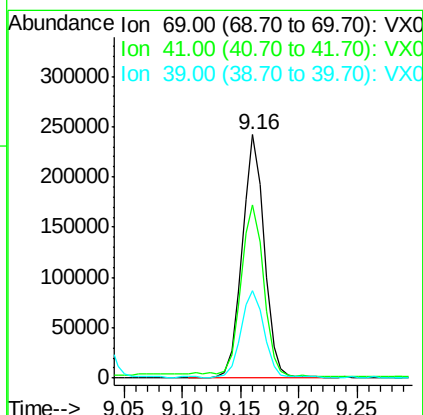
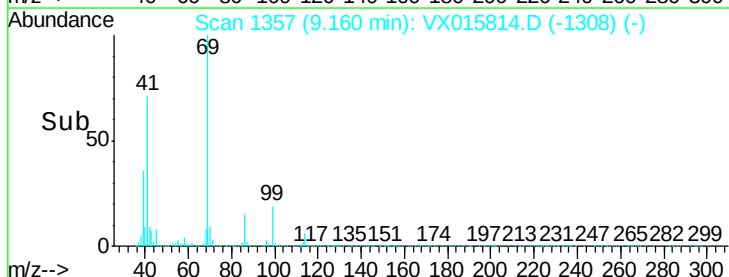
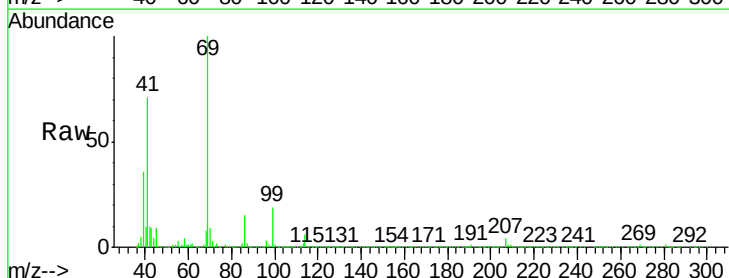
Manual Integrations
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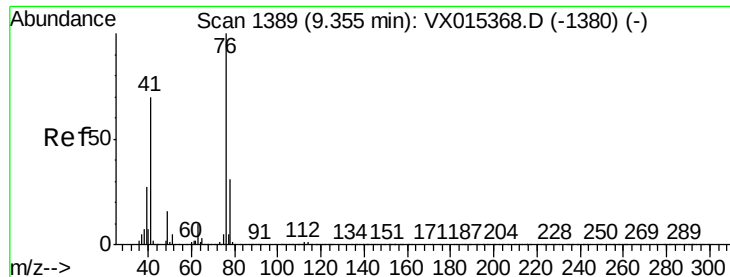
MMDadoda
 4/22/2020 10:00:41 AM



#56
 Ethyl methacrylate
 Concen: 19.176 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		321603		
41	74.8	61.6	92.4		
39	37.7	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.803 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion: 76 Resp: 322374

Ion Ratio Lower Upper

76 100

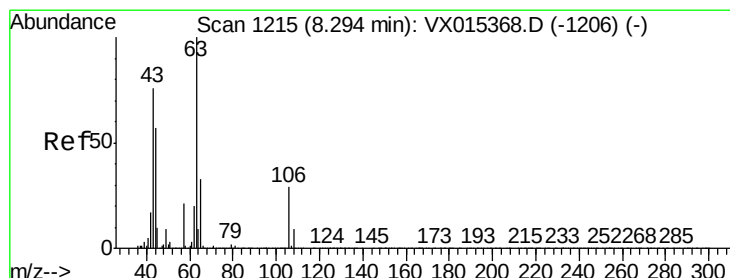
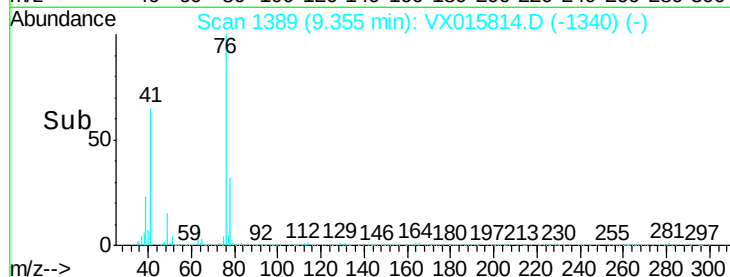
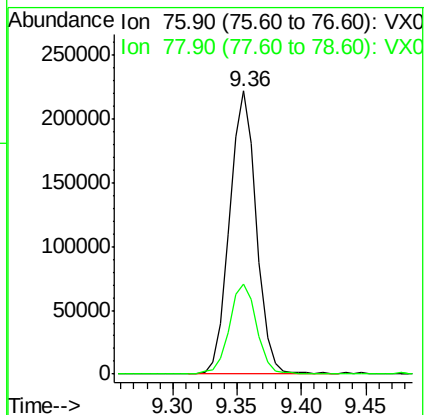
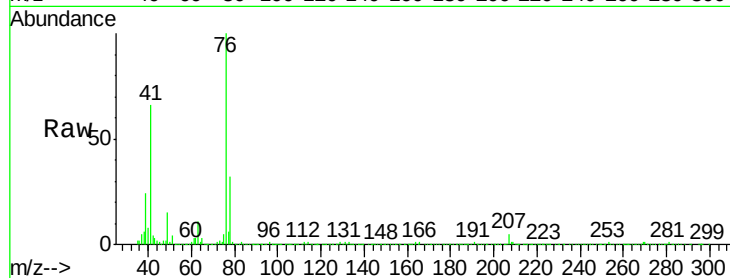
78 32.2 25.8 38.8

Manual Integrations

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MMDadoda

4/22/2020 10:00:41 AM



#58

2-Chloroethyl Vinyl ether

Concen: 93.818 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015814.D

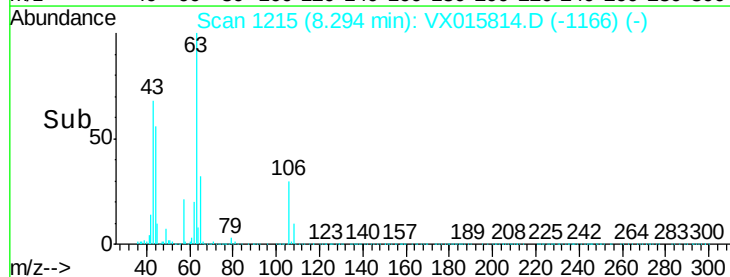
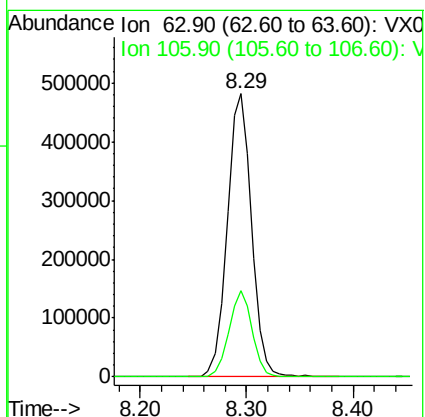
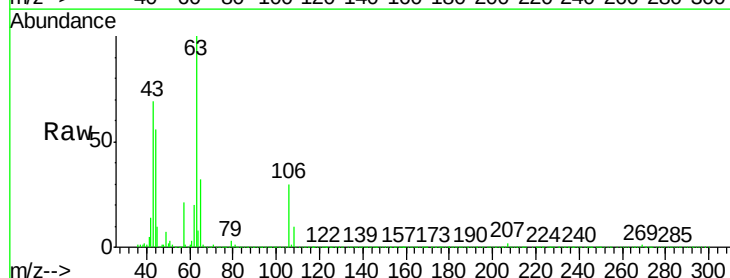
Acq: 21 Apr 2020 23:49

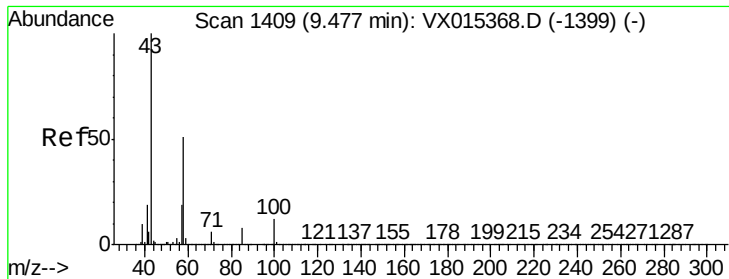
Tgt Ion: 63 Resp: 765321

Ion Ratio Lower Upper

63 100

106 29.3 22.7 34.1





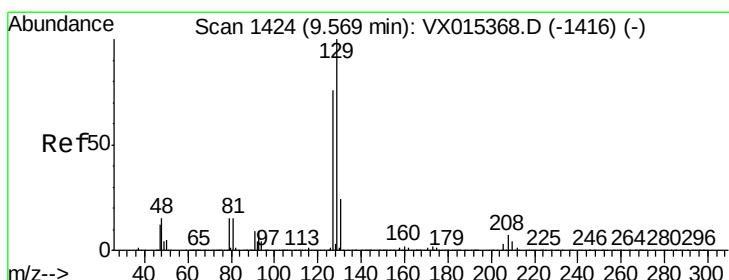
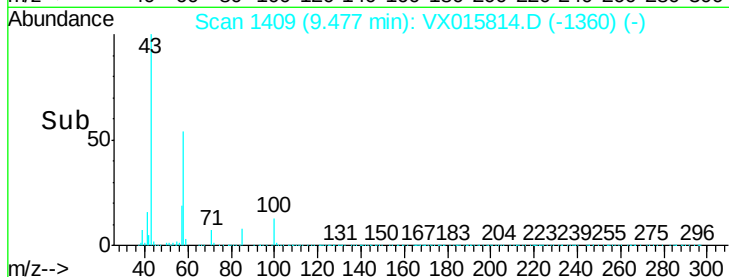
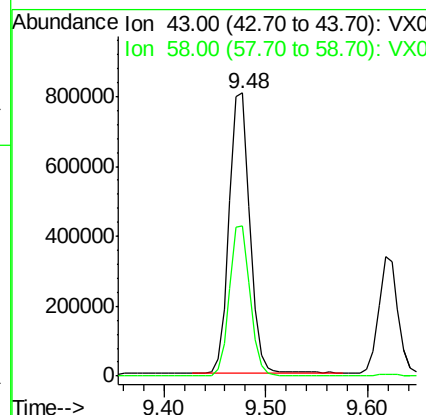
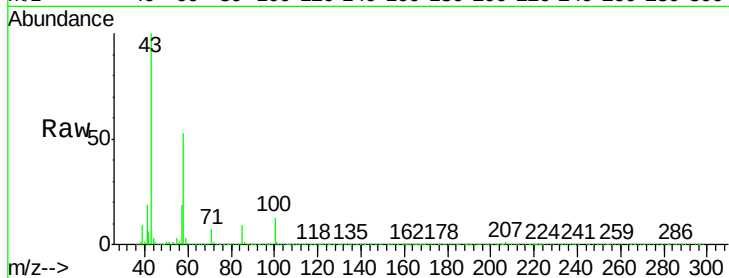
#59
2-Hexanone
Concen: 93.296 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion: 43 Resp: 1128444
Ion Ratio Lower Upper
43 100
58 53.4 25.6 76.6

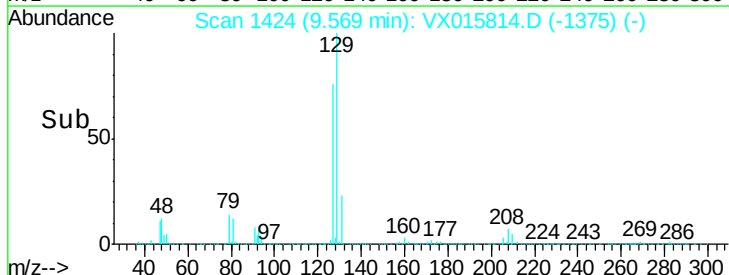
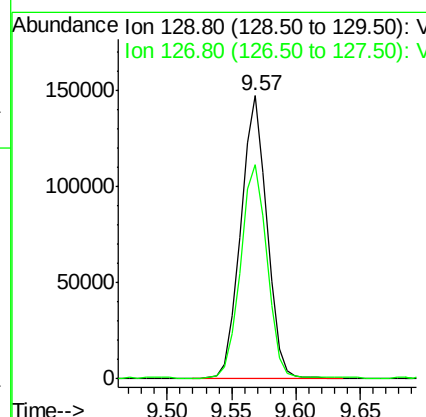
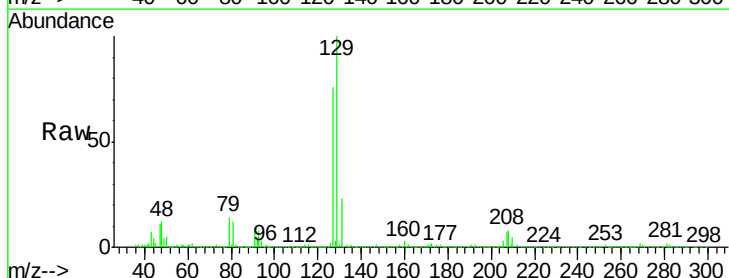
Manual Integrations
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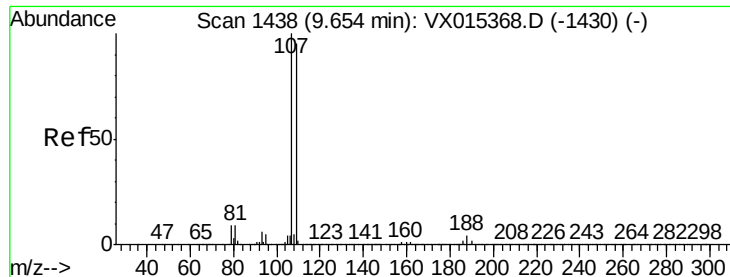
MMDadoda
4/22/2020 10:00:41 AM



#60
Dibromochloromethane
Concen: 18.129 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 129 Resp: 207309
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.175 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion: 107 Resp: 198410

Ion Ratio Lower Upper

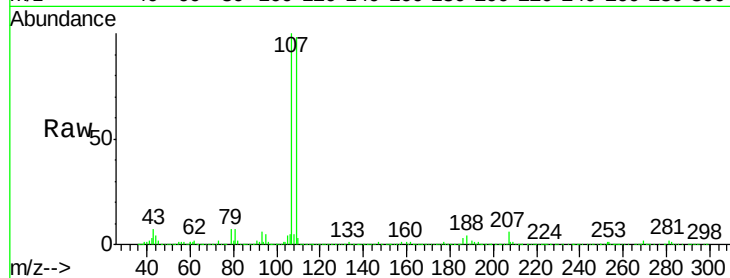
107 100

109 93.2 74.8 112.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

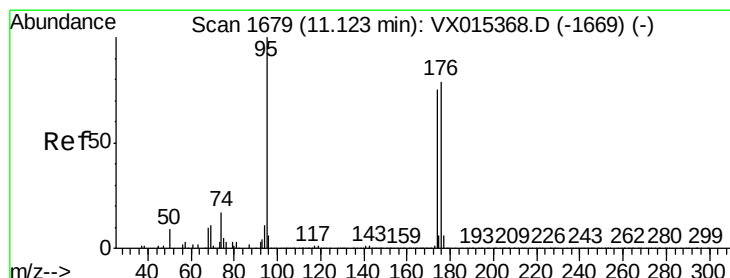
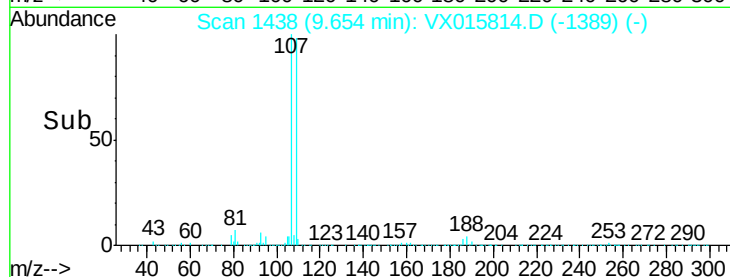
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.546 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

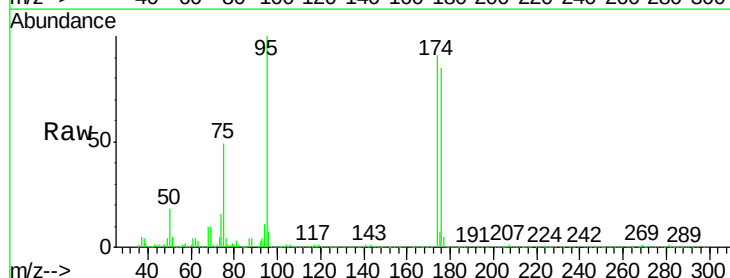
Tgt Ion: 95 Resp: 674823

Ion Ratio Lower Upper

95 100

174 88.5 0.0 158.6

176 84.4 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

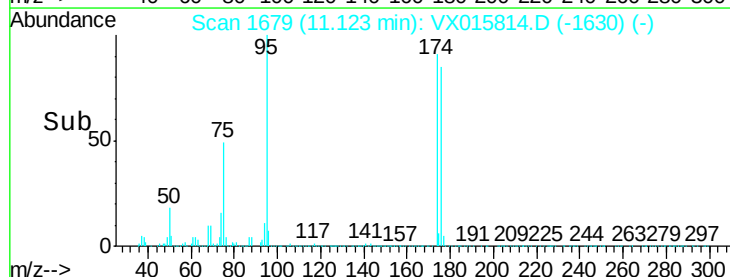
600000

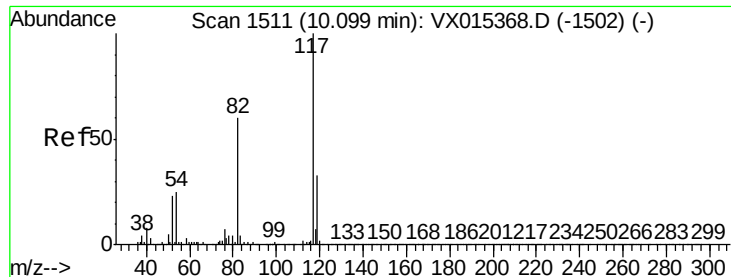
400000

200000

0

Time-->





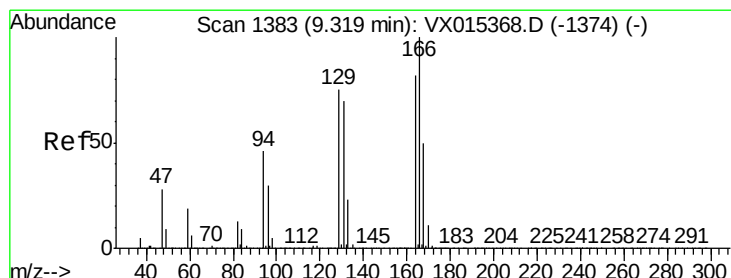
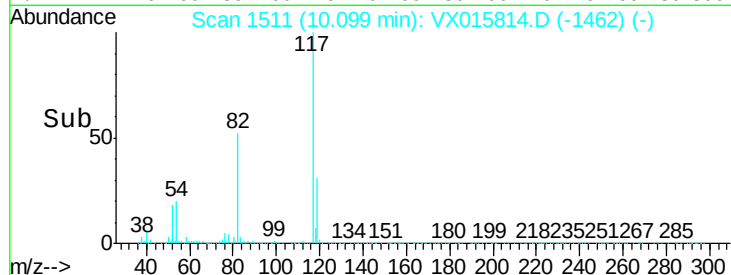
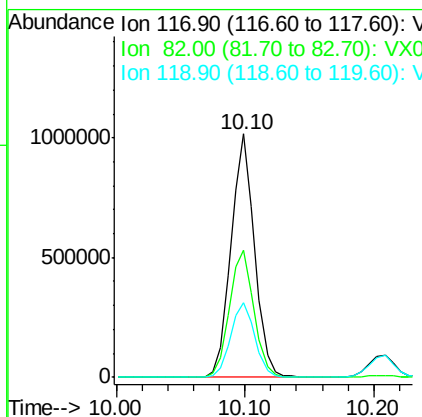
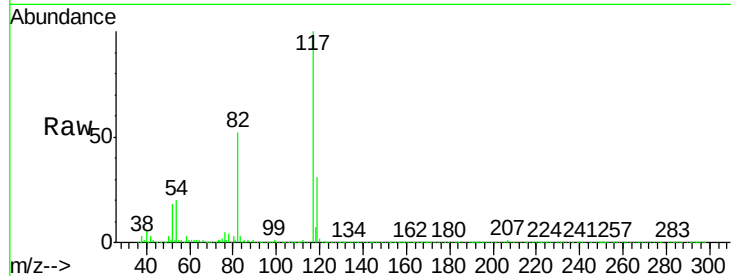
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	47.8	71.8
119	30.6	26.8	40.2

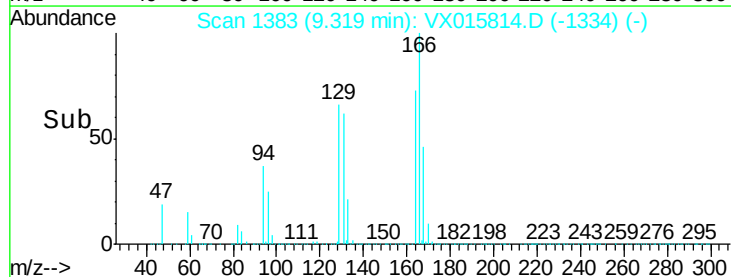
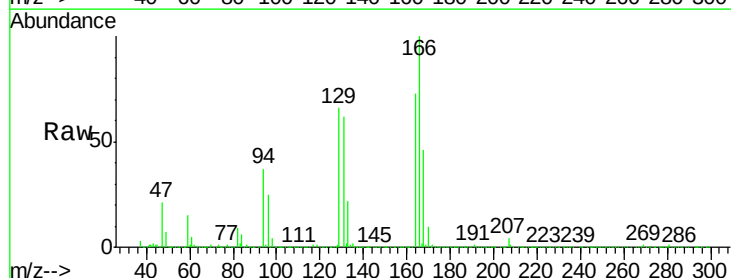
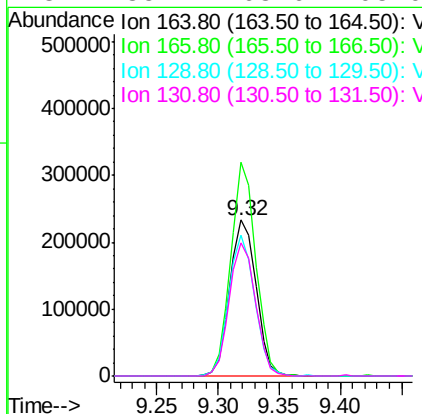
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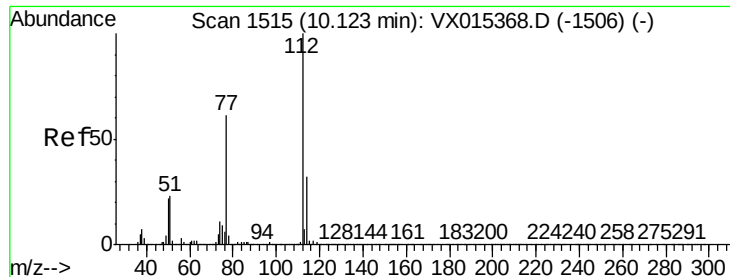
MMDadoda
4/22/2020 10:00:41 AM



#64
Tetrachloroethene
Concen: 35.403 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.9	97.8	146.6
129	90.4	73.0	109.4
131	85.4	68.6	103.0





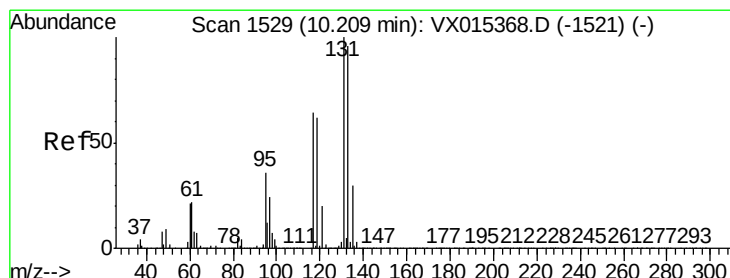
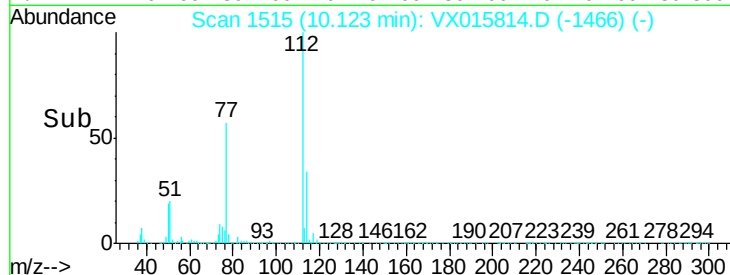
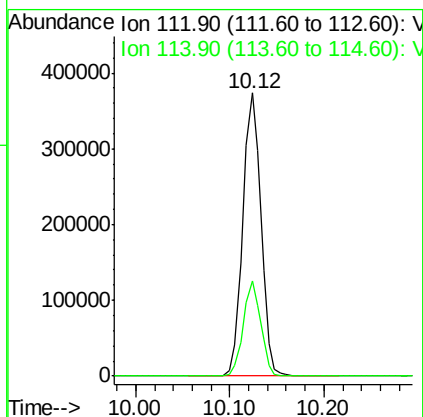
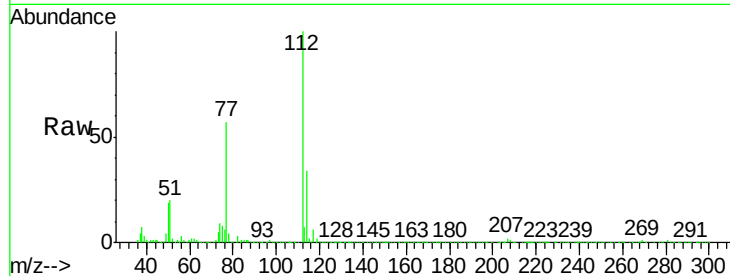
#65
Chlorobenzene
Concen: 19.495 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	25.5	38.3

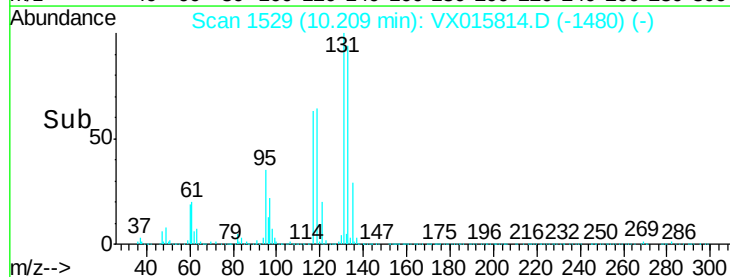
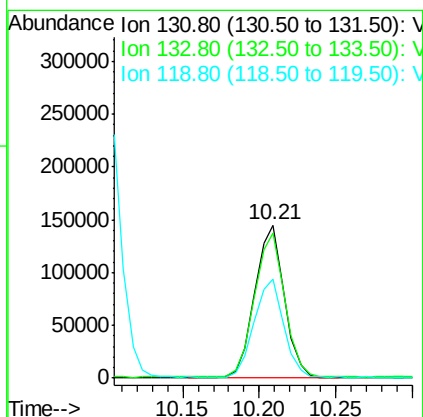
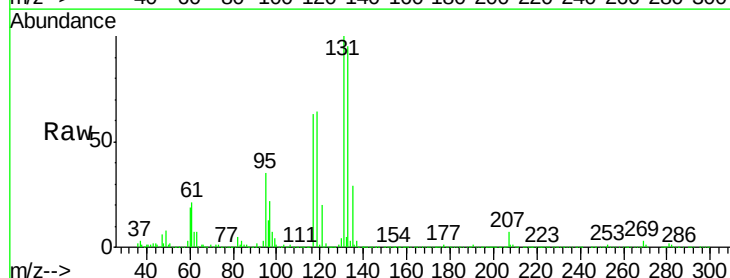
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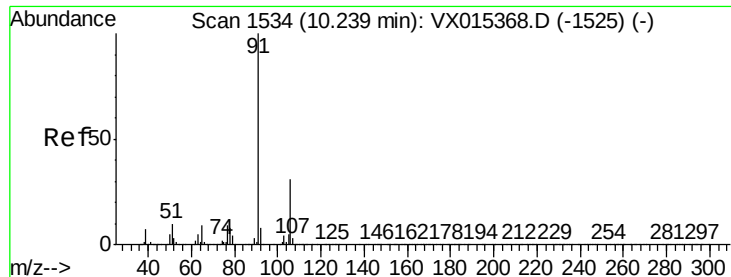
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4/22/2020 10:00:41 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.862 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.6	142.9
119	64.8	31.1	93.3





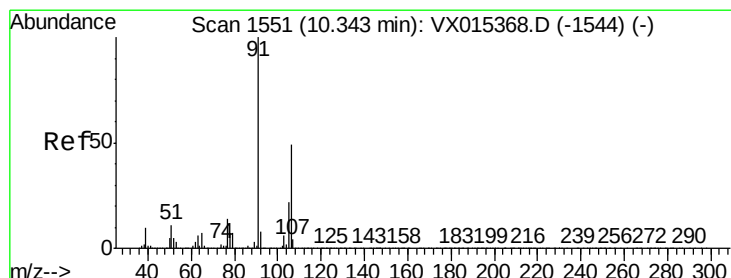
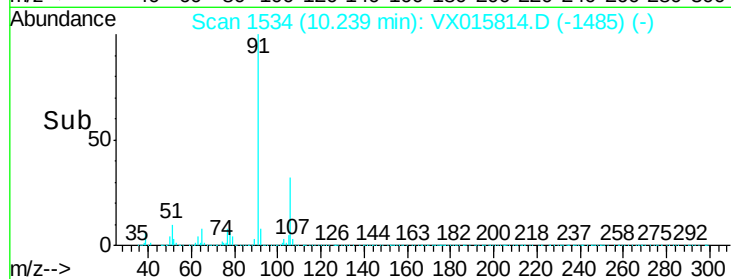
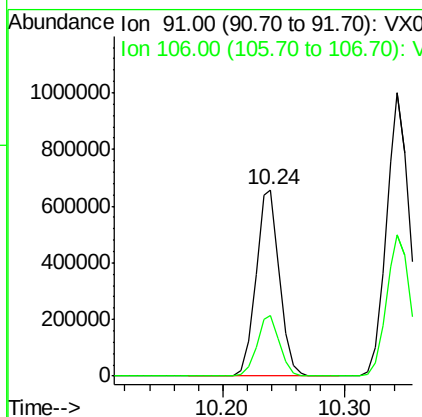
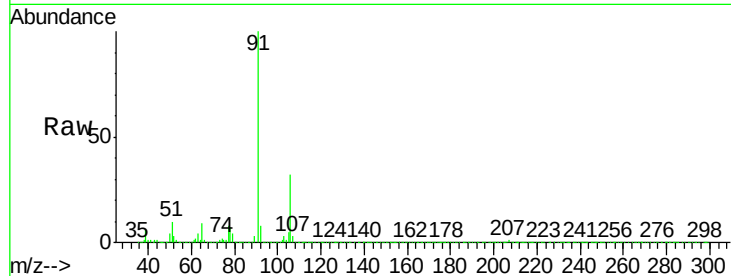
#67
Ethyl Benzene
Concen: 19.185 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion: 91 Resp: 878532
Ion Ratio Lower Upper
91 100
106 32.3 24.8 37.2

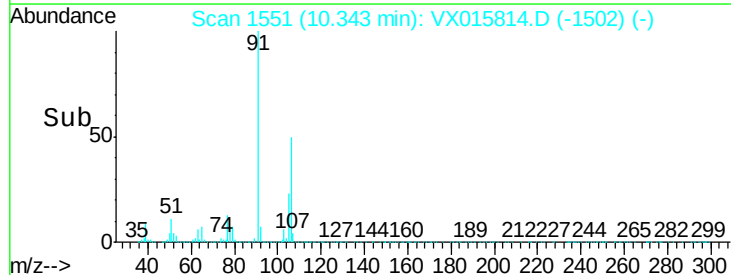
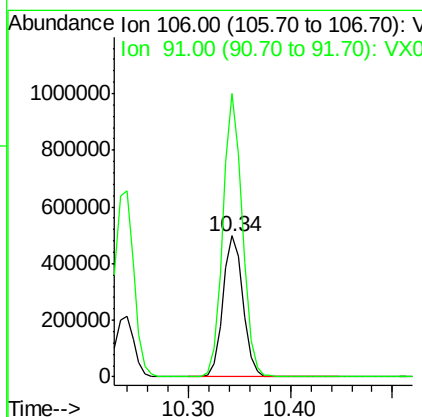
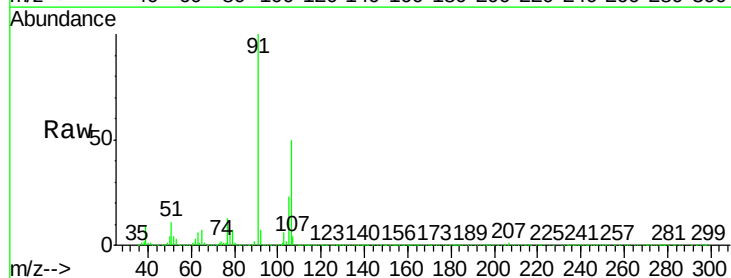
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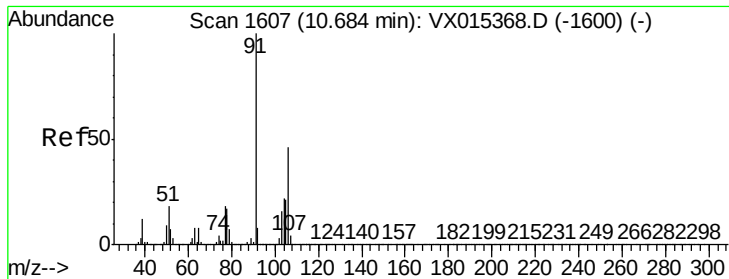
MMDadoda
4/22/2020 10:00:41 AM



#68
m/p-Xylenes
Concen: 39.752 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 106 Resp: 677857
Ion Ratio Lower Upper
106 100
91 194.6 163.4 245.0





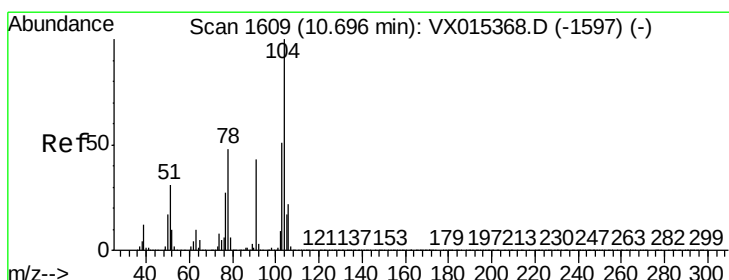
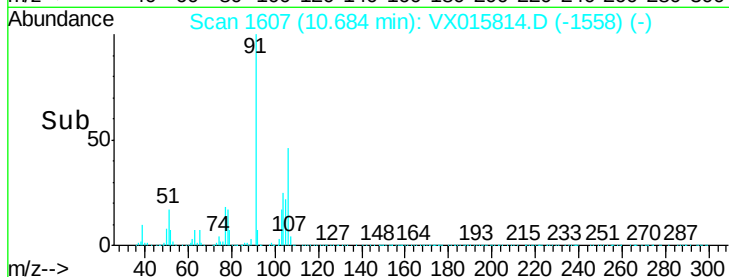
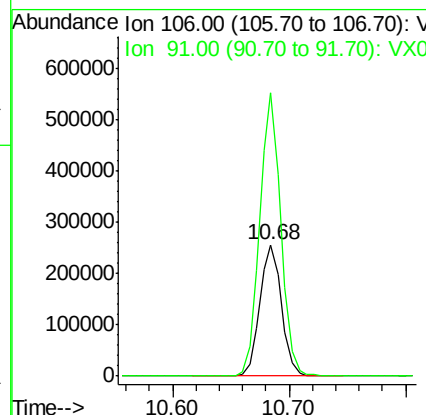
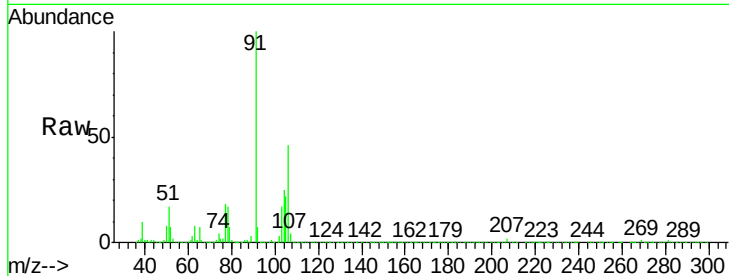
#69
o-Xylene
Concen: 19.658 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.4	107.1	321.3

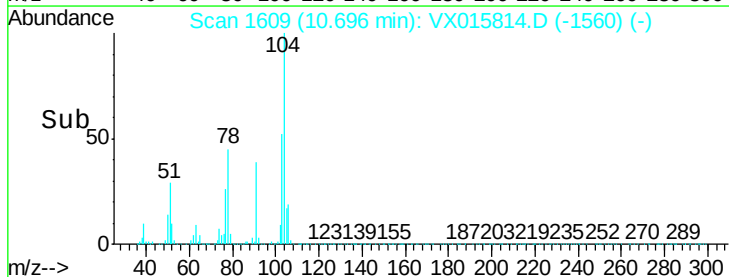
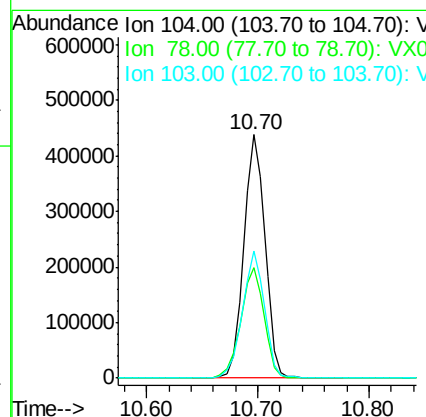
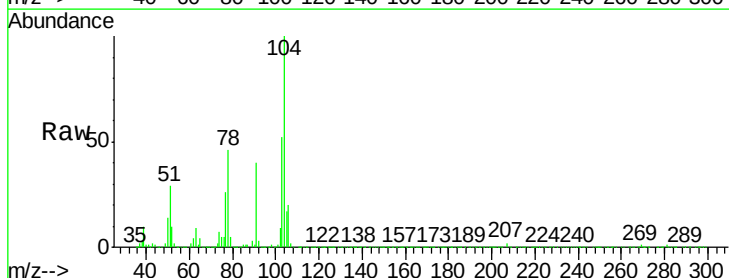
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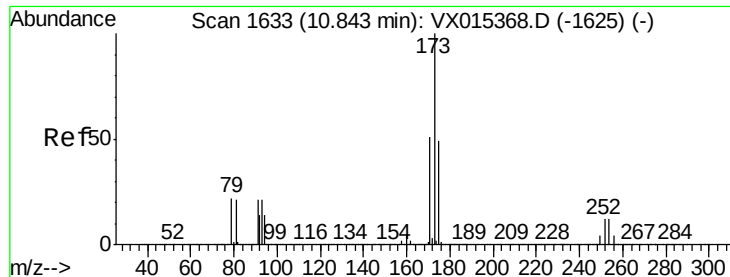
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#70
Styrene
Concen: 19.454 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	42.0	63.0
103	54.0	43.4	65.0





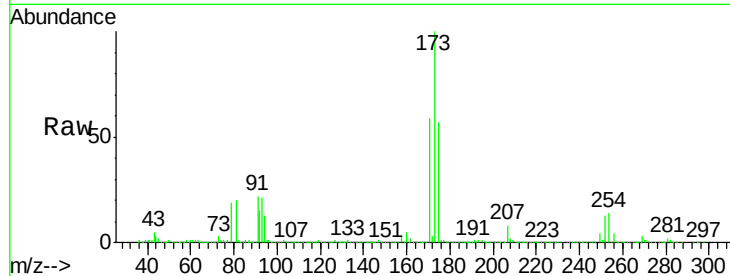
#71
Bromoform
Concen: 15.631 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

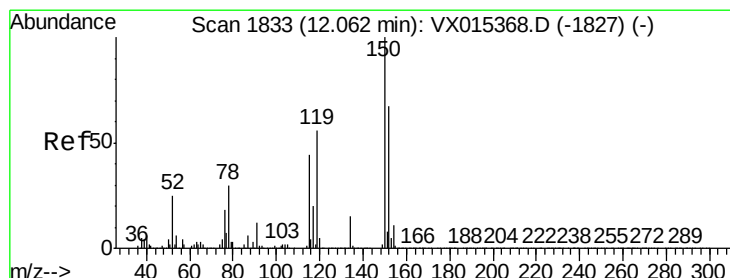
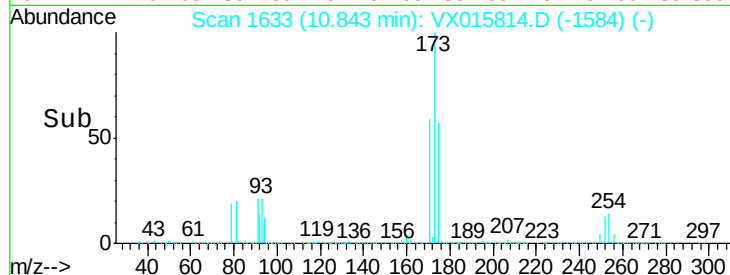
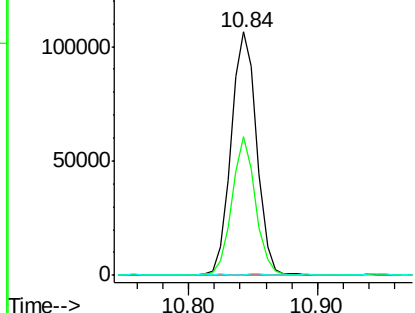
Tot Ion	Ratio	Lower	Upper
173	100		
175	52.4	23.9	71.7
254	0.5	0.1	0.1#

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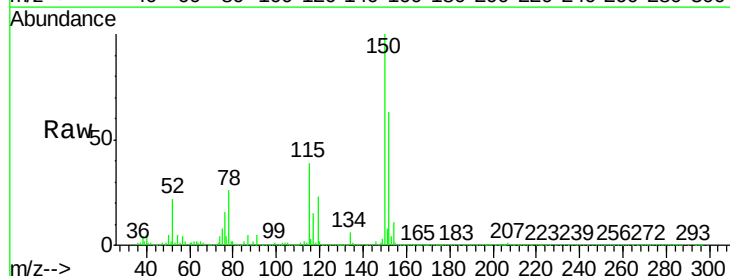


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

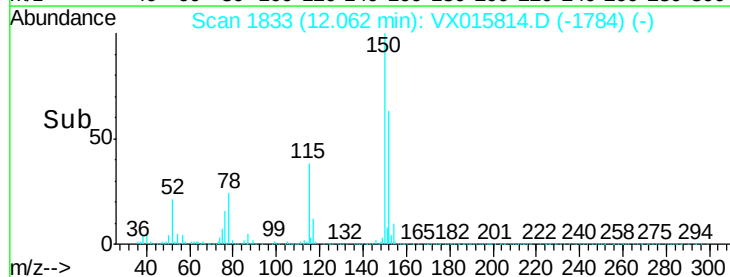
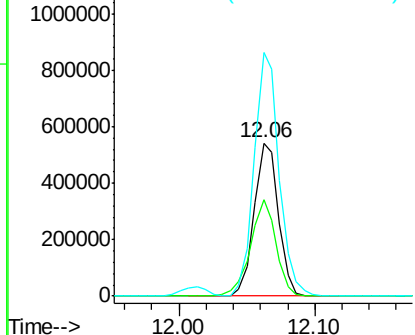


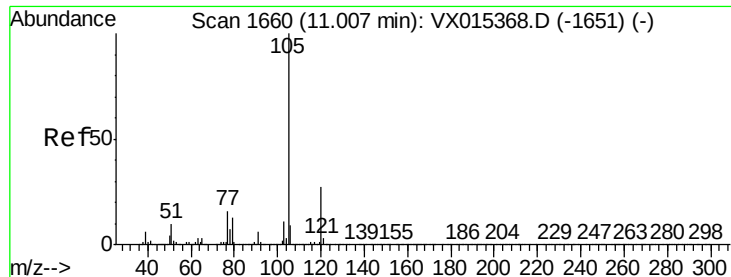
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	39.0	116.9
150	162.9	0.0	340.8



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





#73

Isopropylbenzene

Concen: 19.751 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion: 105 Resp: 883051

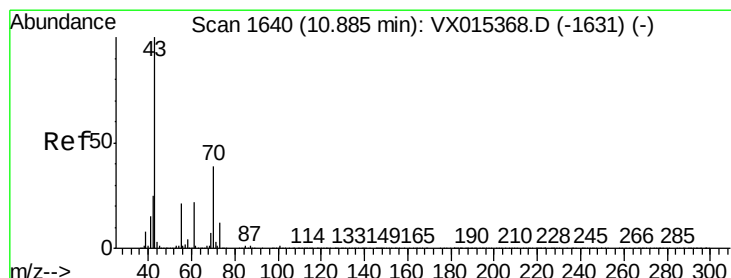
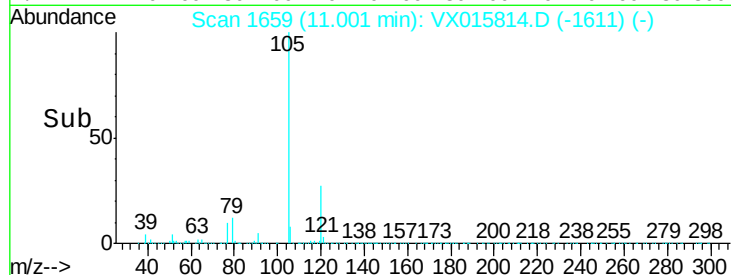
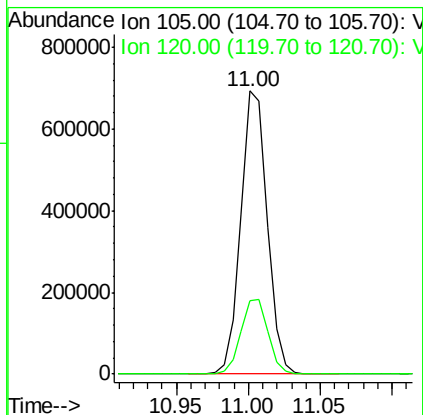
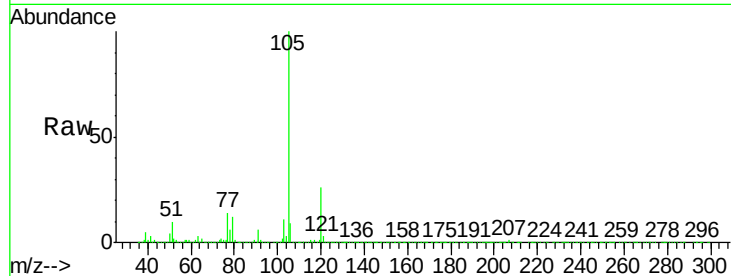
Ion Ratio Lower Upper

105 100

120 27.1 13.2 39.5

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4/22/2020 10:00:41 AM



#74

N-ethyl acetate

Concen: 18.417 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion: 43 Resp: 457962

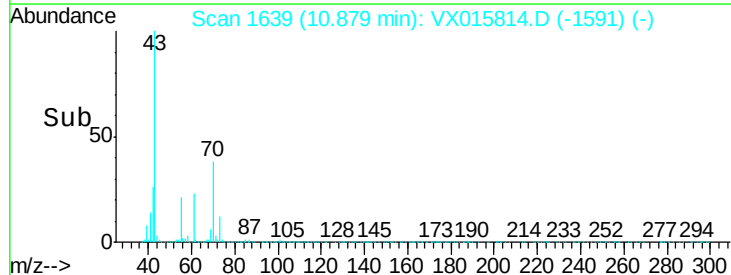
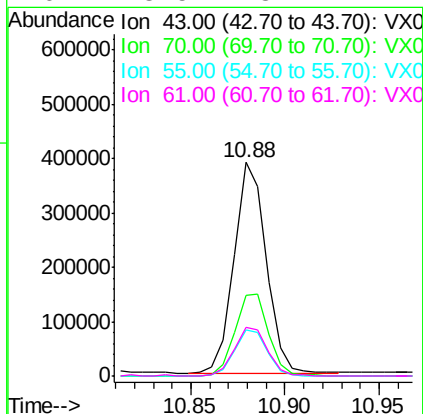
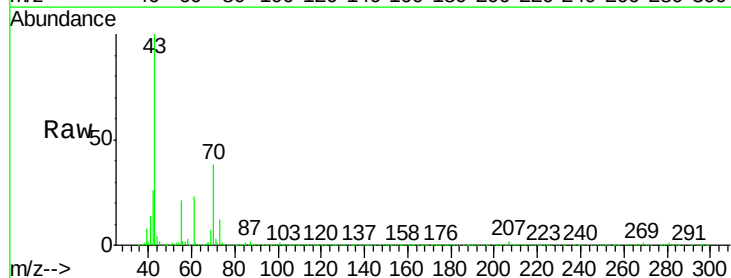
Ion Ratio Lower Upper

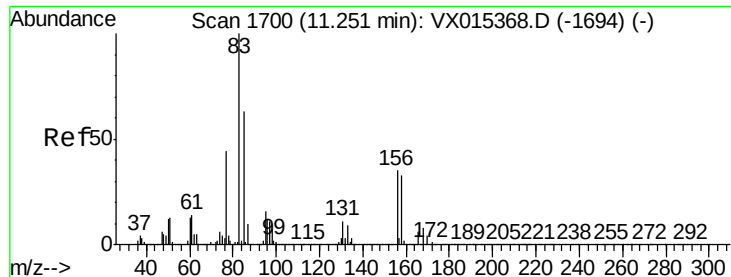
43 100

70 40.4 30.2 45.4

55 22.1 16.8 25.2

61 23.5 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 12.257 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

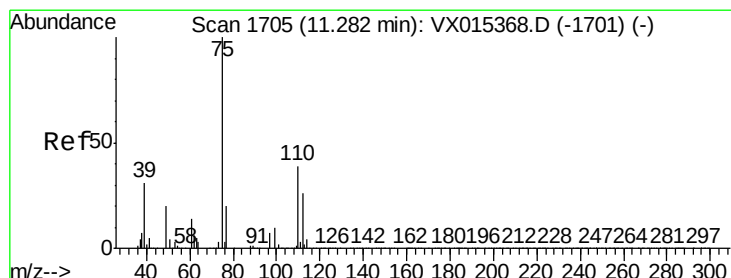
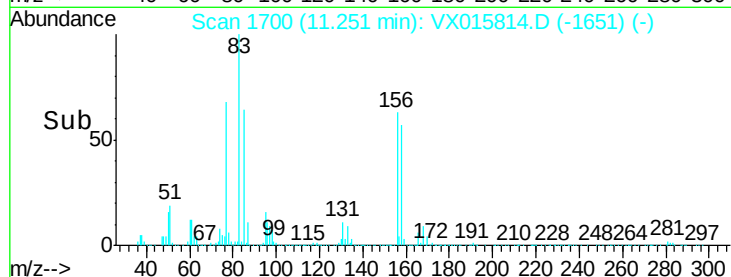
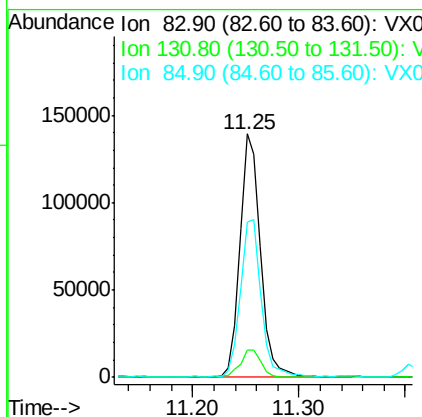
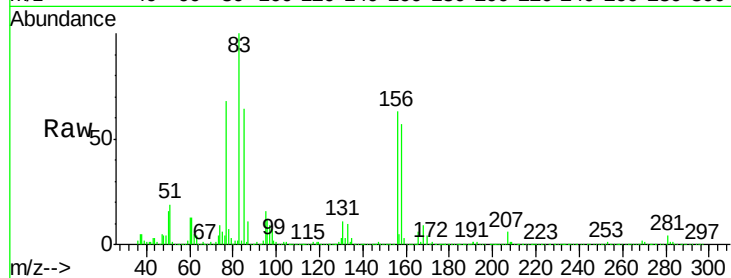
ClientSampled :

VX0421WBSD02

Tot Ion:	83	Resp:	188033
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.3	16.1
85	65.8	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.884 ug/l m

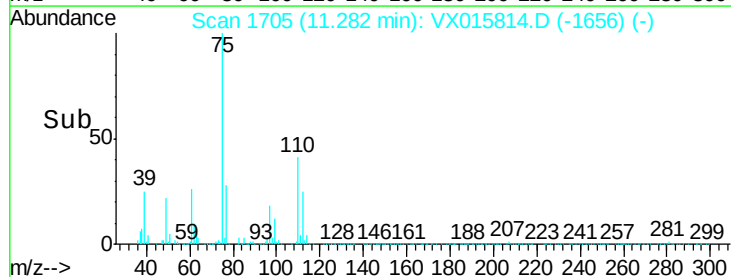
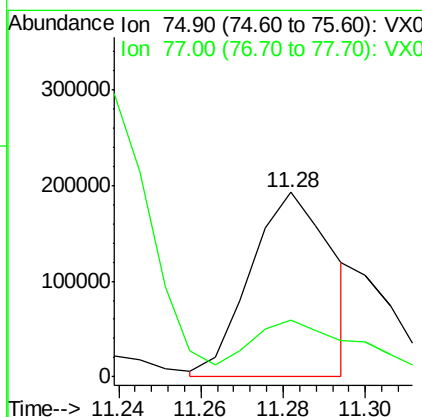
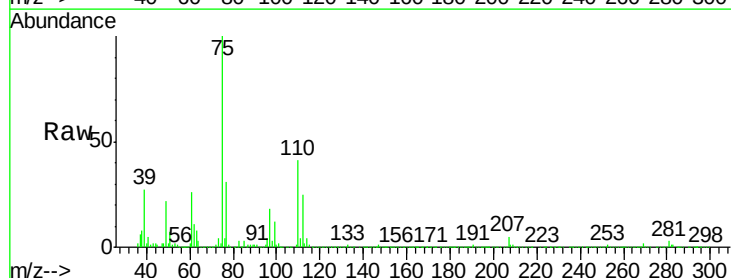
RT: 11.28 min Scan# 1705

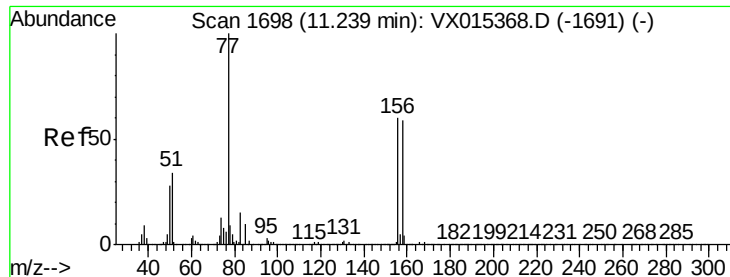
Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion:	75	Resp:	264971
Ion Ratio	Lower	Upper	
75	100		
77	40.7	21.2	63.6





#77

Bromobenzene

Concen: 19.730 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

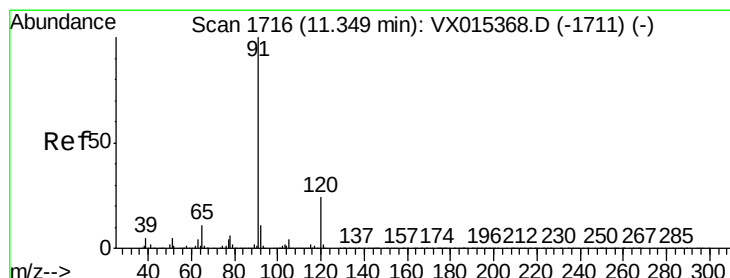
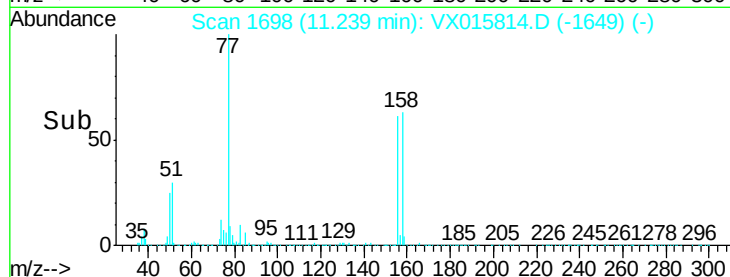
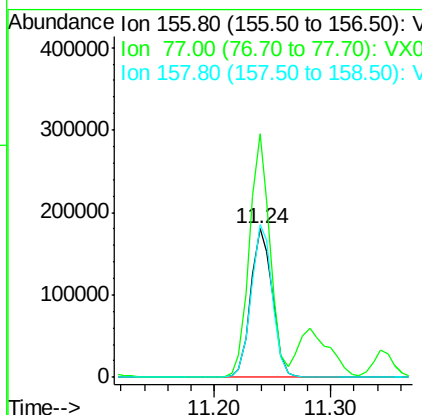
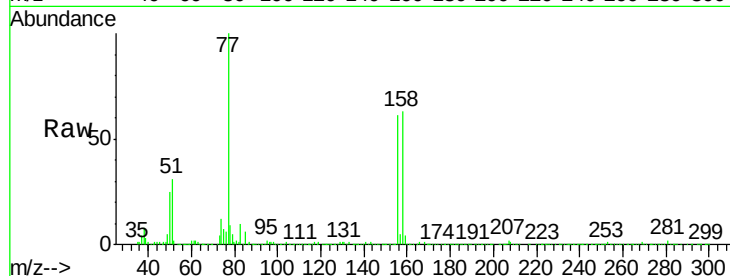
ClientSampleId :

VX0421WBSD02

Tot Ion:	156	Resp:	235290
Ion Ratio	Lower	Upper	
156	100		
77	154.1	82.2	246.5
158	99.9	49.3	147.9

Manual Integrations
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4/22/2020 10:00:41 AM



#78

n-propylbenzene

Concen: 19.281 ug/l

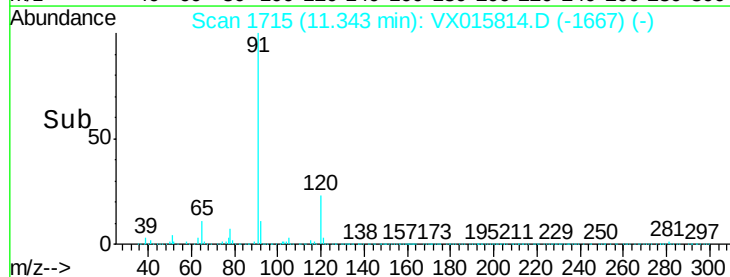
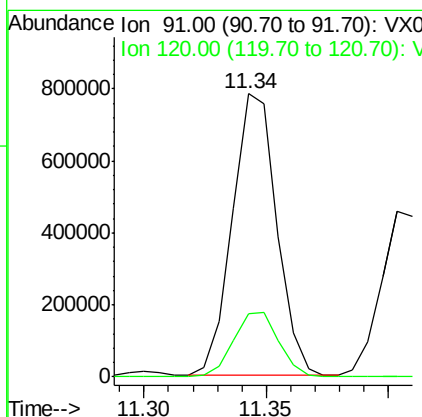
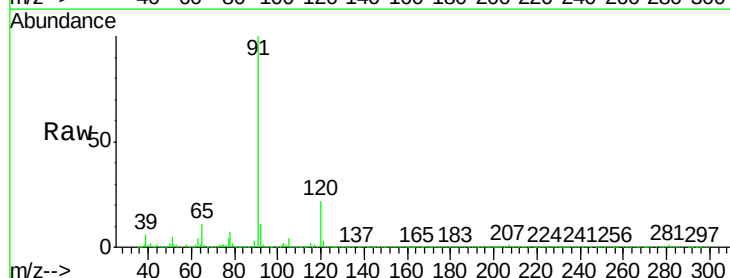
RT: 11.34 min Scan# 1715

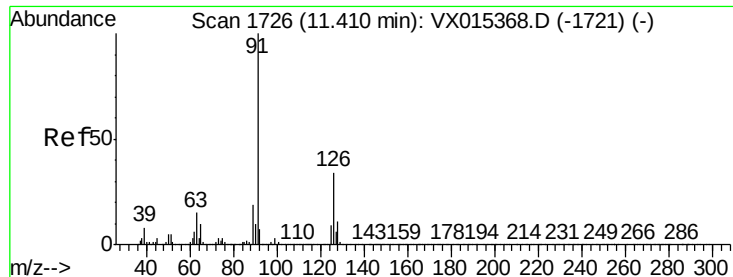
Delta R.T. -0.01 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion:	91	Resp:	985711
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





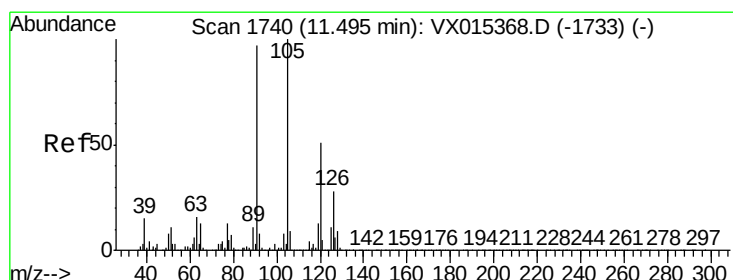
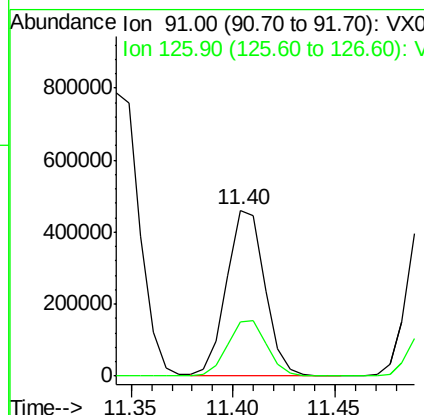
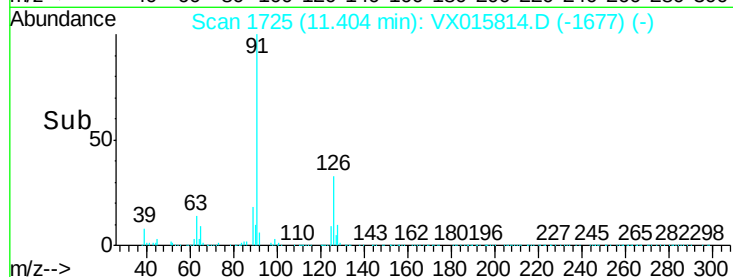
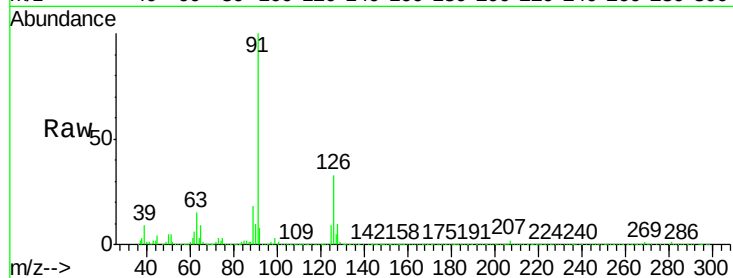
#79
2-Chlorotoluene
Concen: 18.895 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion: 91 Resp: 592073
Ion Ratio Lower Upper
91 100
126 34.4 16.5 49.5

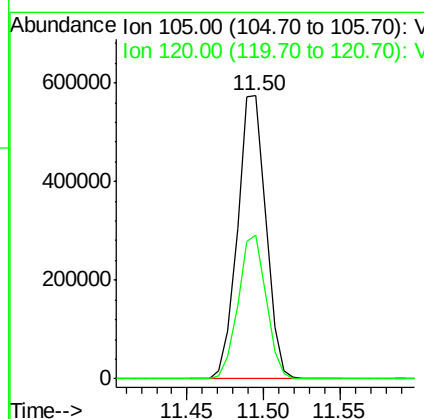
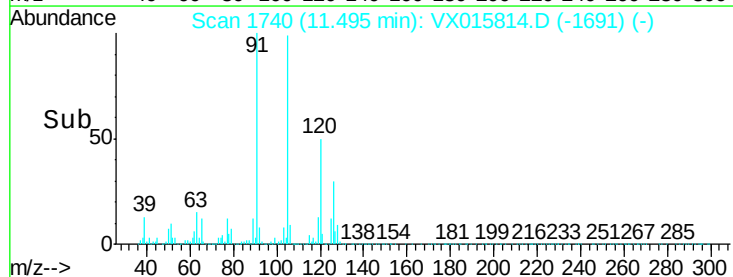
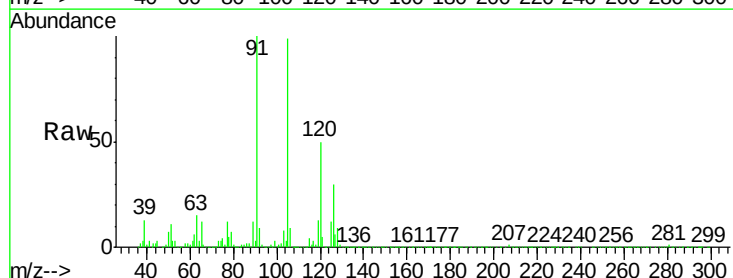
Manual Integrations
APPROVED

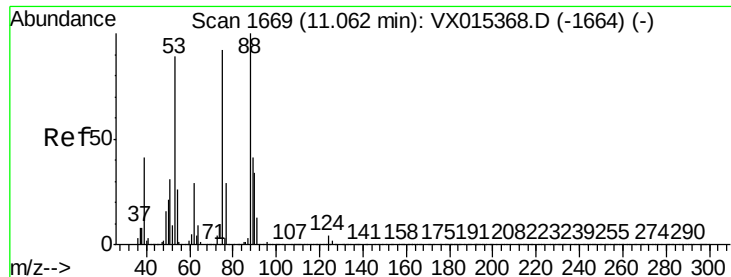
MMDadoda
4/22/2020 10:00:41 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.297 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion: 105 Resp: 736796
Ion Ratio Lower Upper
105 100
120 50.0 24.8 74.4





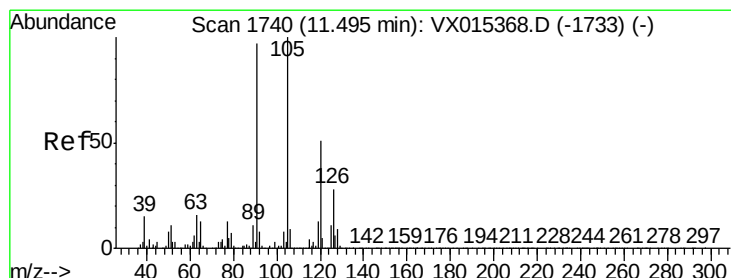
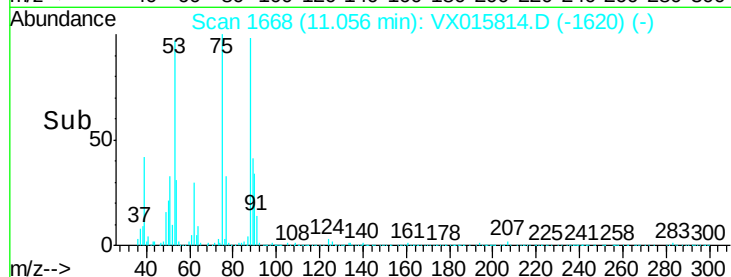
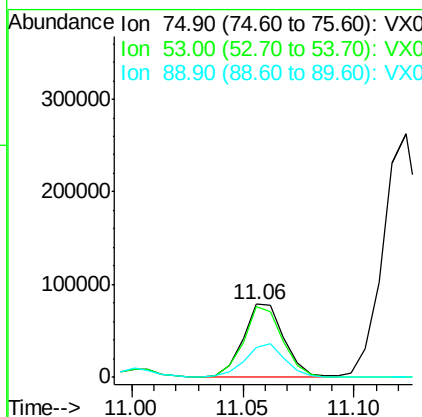
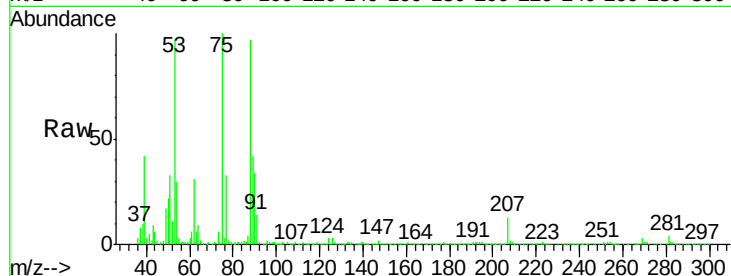
#81
trans-1,4-Dichloro-2-butene
Concen: 17.232 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampled :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.6	80.1	120.1
89	46.1	36.1	54.1

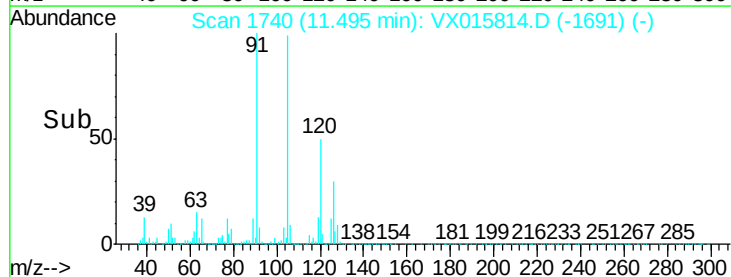
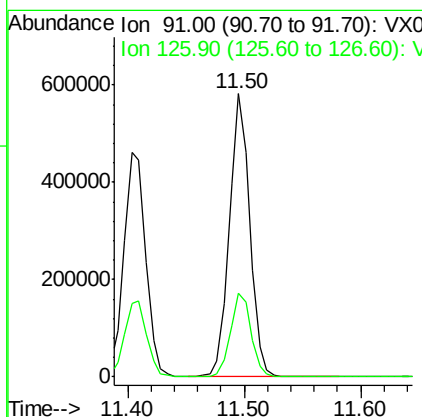
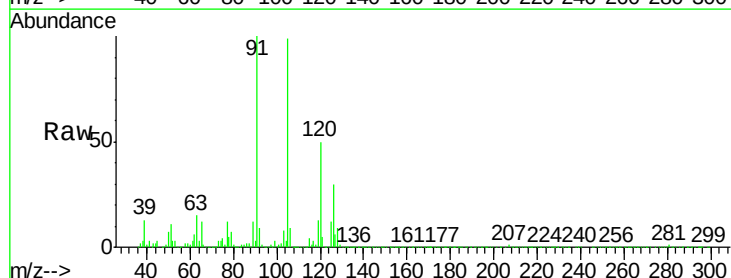
Manual Integrations
APPROVED

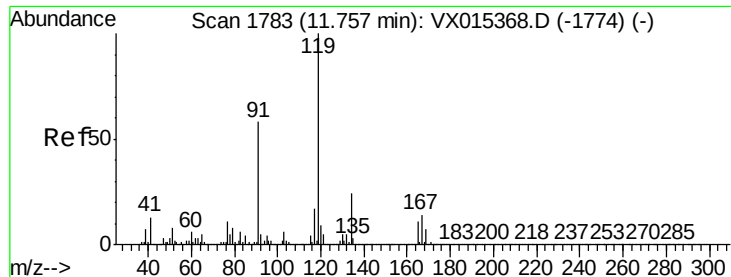
MMDadoda
4/22/2020 10:00:41 AM



#82
4-Chlorotoluene
Concen: 19.184 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.7	44.1





#83

tert-Butylbenzene

Concen: 17.349 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

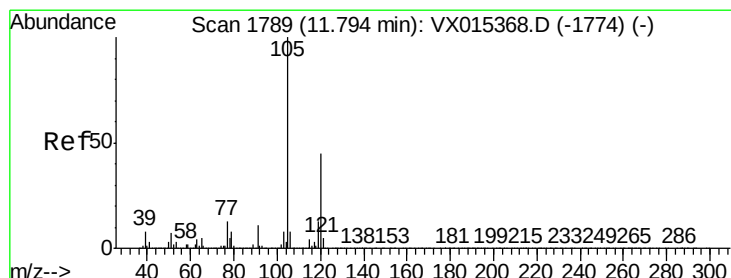
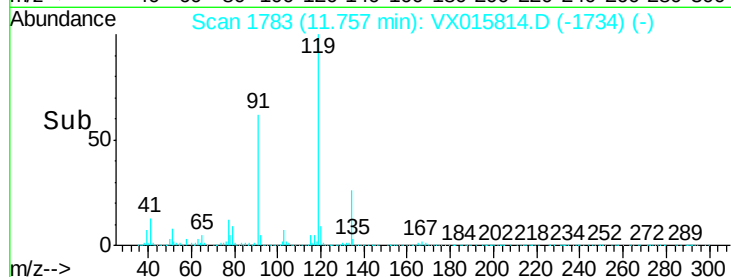
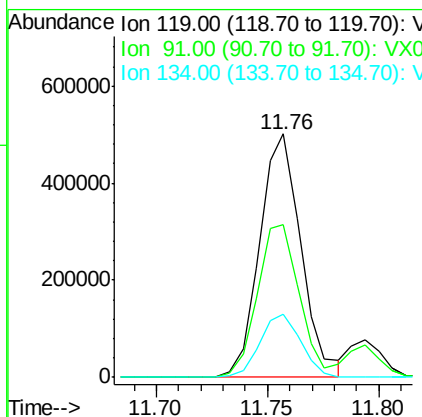
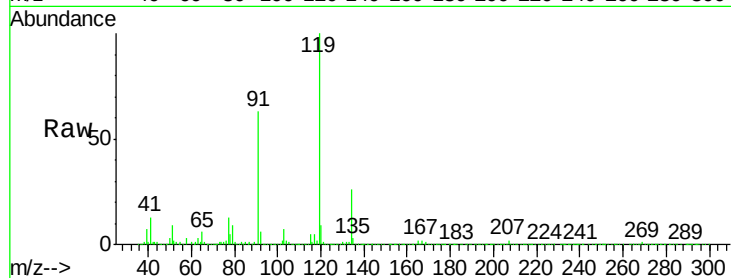
ClientSampleId :

VX0421WBSD02

Tot Ion:	119	Resp:	647062
Ion Ratio	Lower	Upper	
119	100		
91	63.3	28.6	85.8
134	25.7	11.8	35.3

Manual Integrations
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MMDadoda
4/22/2020 10:00:41 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.199 ug/l

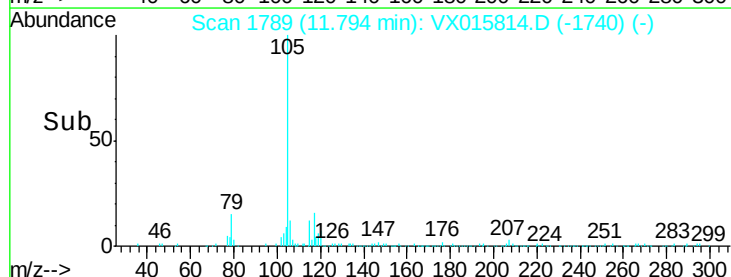
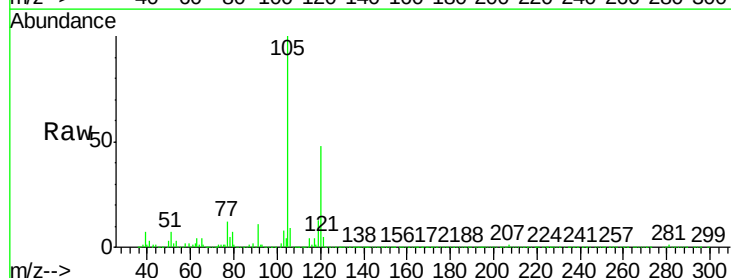
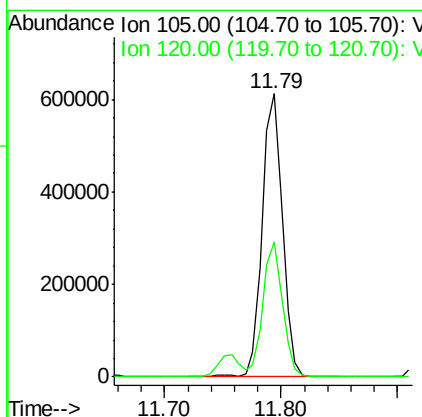
RT: 11.79 min Scan# 1789

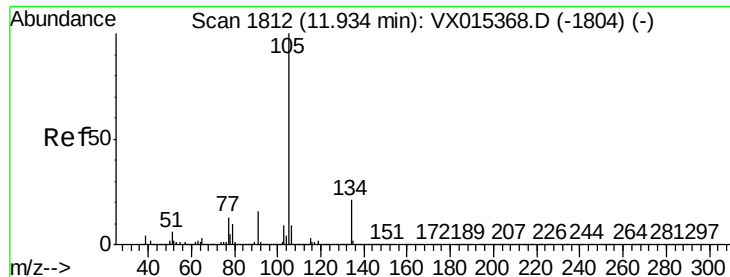
Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Tgt Ion:	105	Resp:	747022
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.436 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBSD02

Tot Ion:105 Resp: 838368

Ion Ratio Lower Upper

105 100

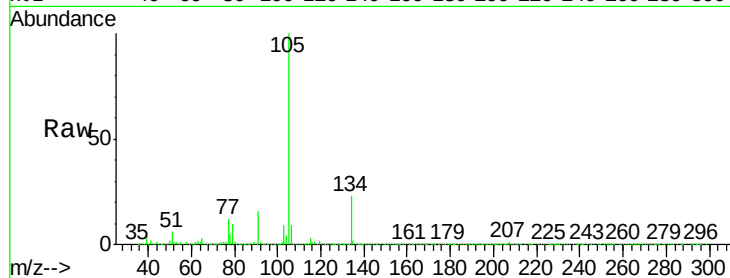
134 21.0 10.4 31.1

Manual Integrations

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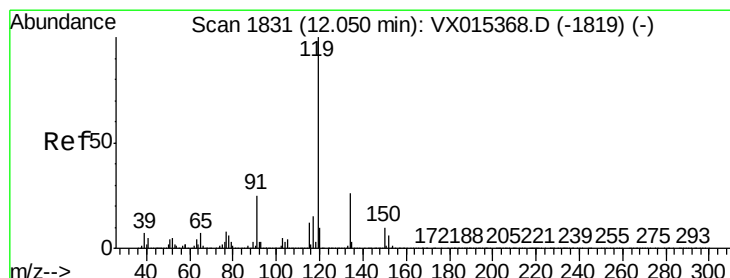
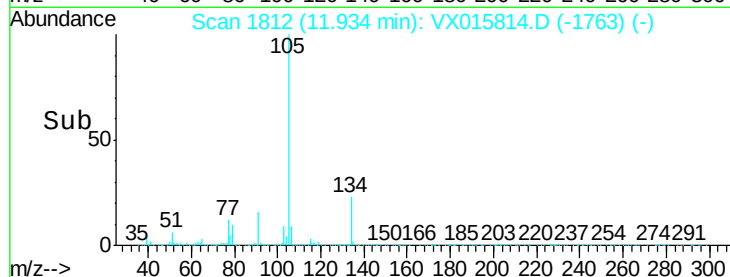
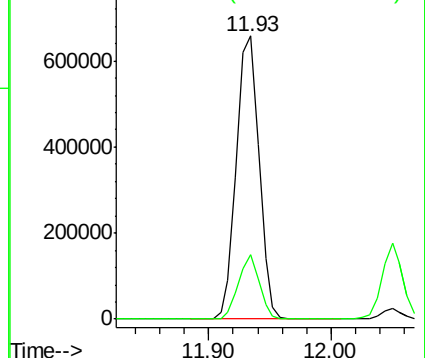
MMDadoda

4/22/2020 10:00:41 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.233 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015814.D

Acq: 21 Apr 2020 23:49

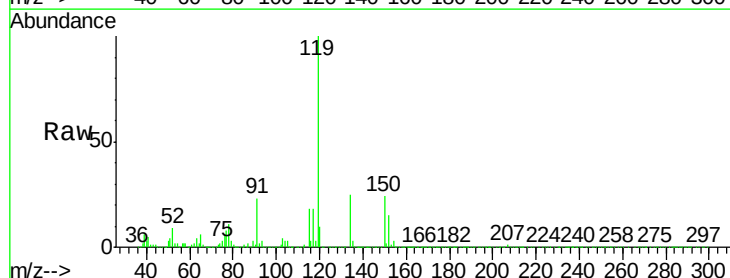
Tgt Ion:119 Resp: 810190

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

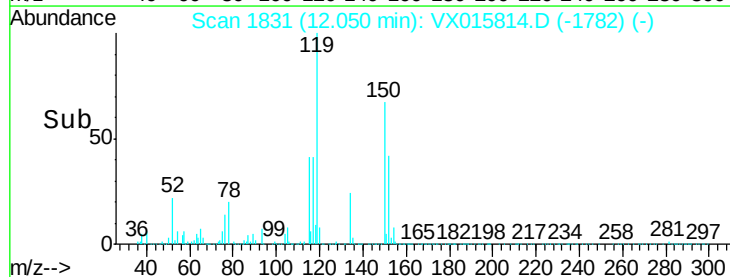
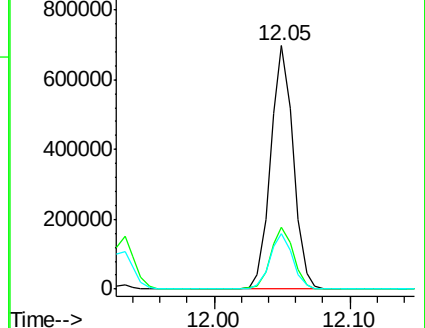
91 22.9 12.4 37.4

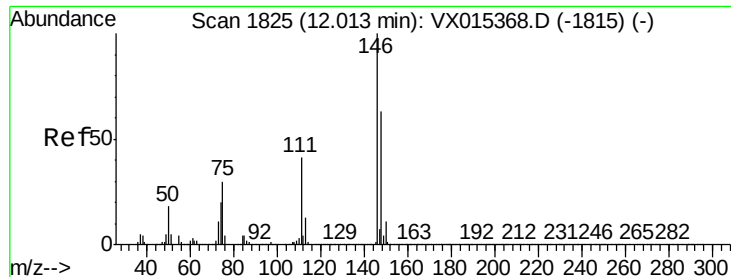


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





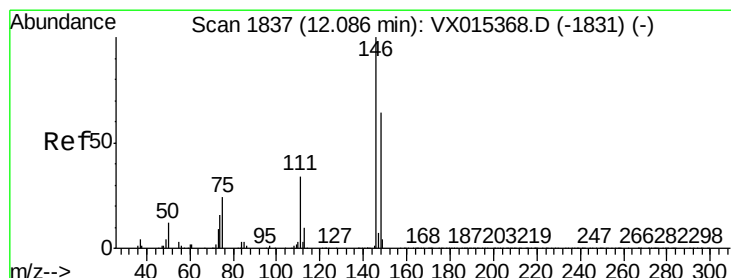
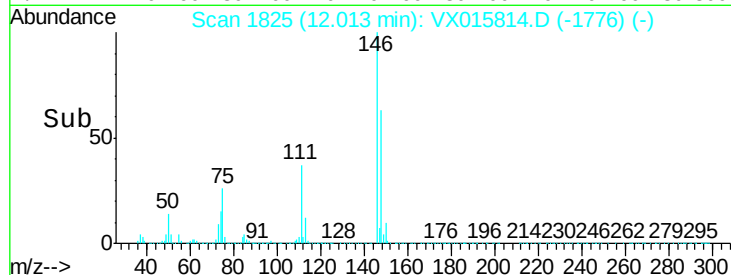
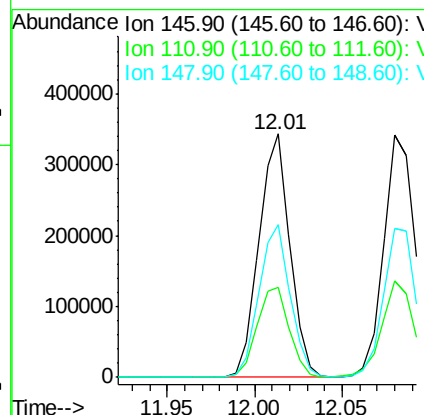
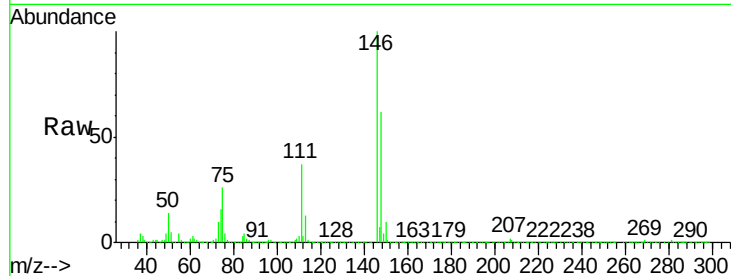
#87
 1,3-Dichlorobenzene
 Concen: 19.793 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.3	60.9
148	63.0	31.3	93.9

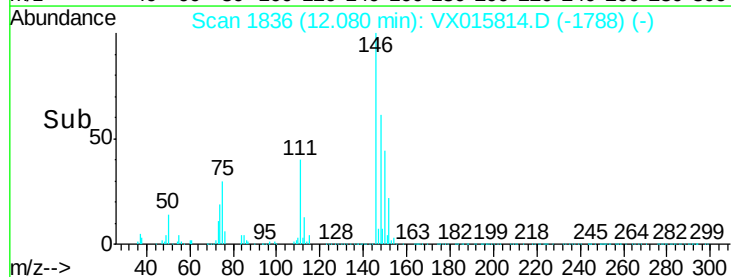
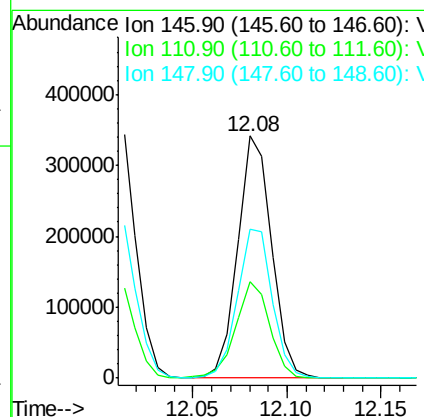
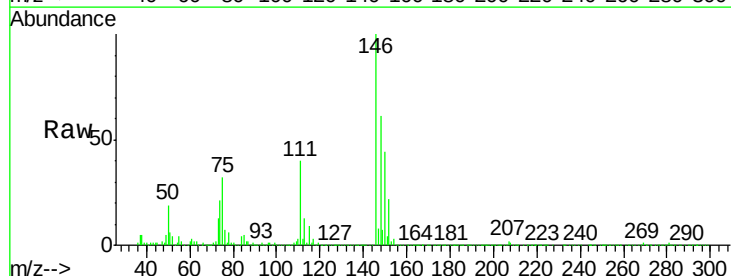
Manual Integrations
 APPROVED

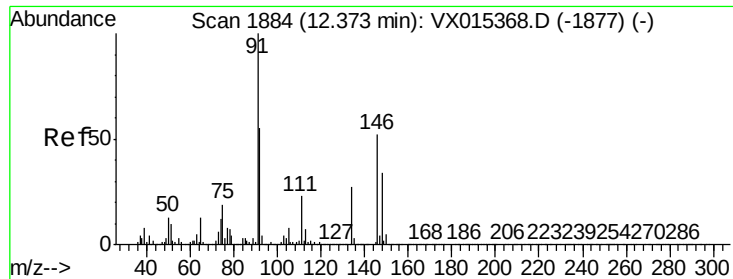
MMDadoda
 4/22/2020 10:00:41 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.556 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015814.D
 Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.5
148	63.3	32.4	97.2





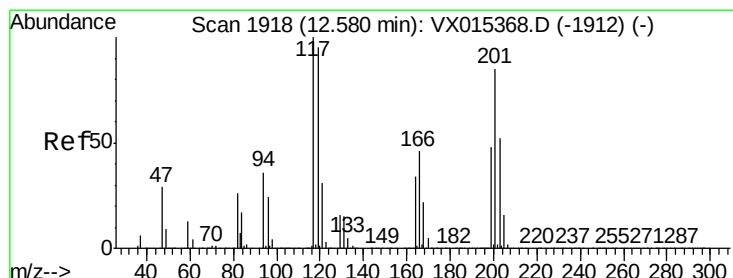
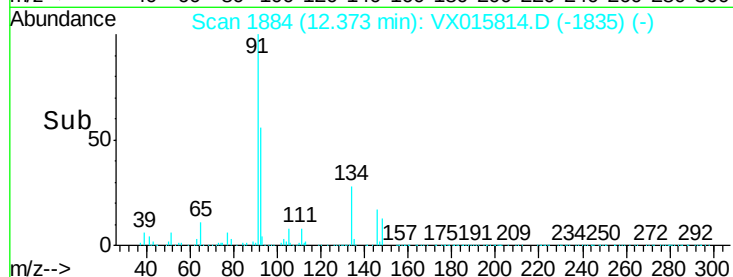
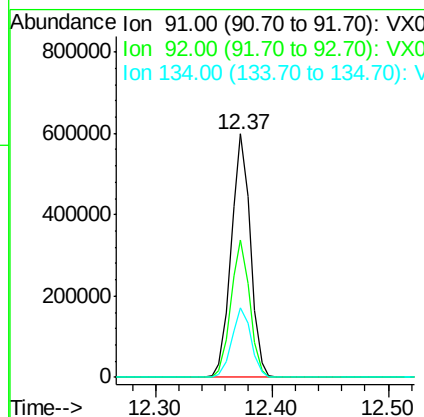
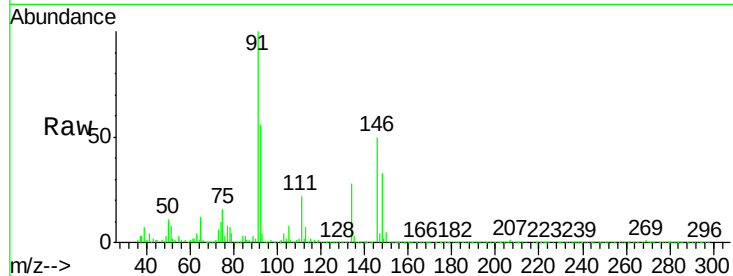
#89
n-Butylbenzene
Concen: 18.820 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.7	27.2	81.5
134	28.6	13.4	40.2

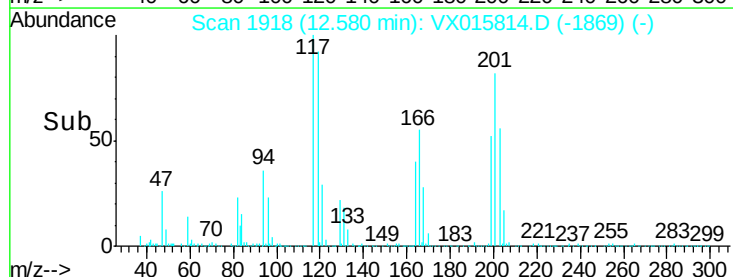
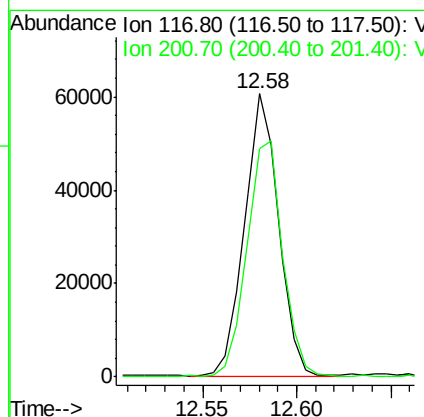
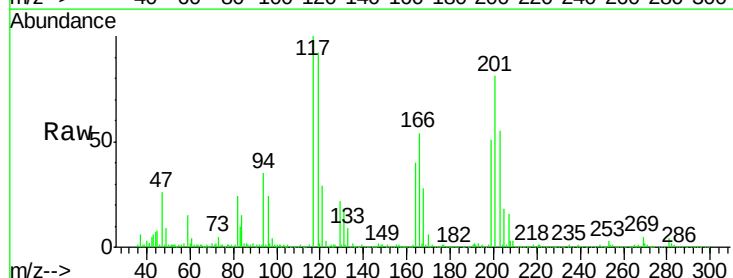
Manual Integrations
APPROVED

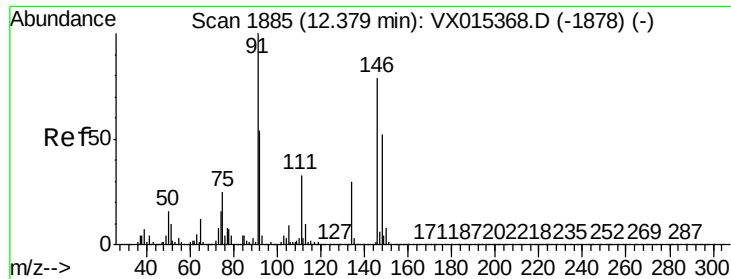
MMDadoda
4/22/2020 10:00:41 AM



#90
Hexachloroethane
Concen: 9.699 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	42.6	128.0





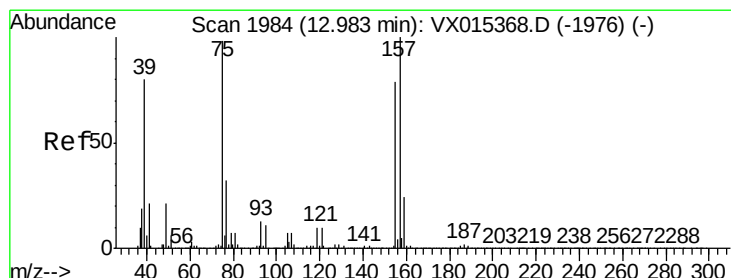
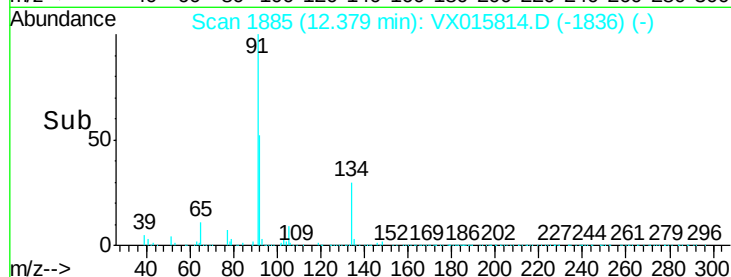
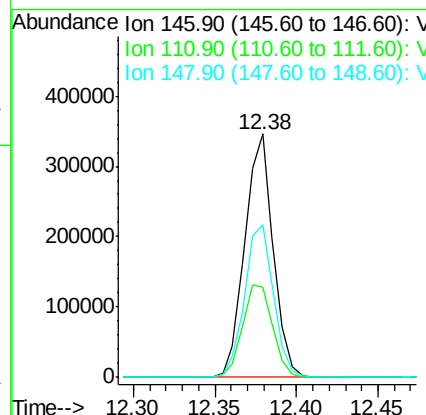
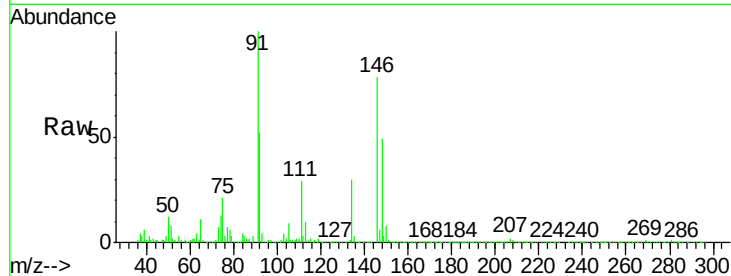
#91
1,2-Dichlorobenzene
Concen: 20.081 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	419550		
111	40.2	21.0	63.0	
148	64.1	32.4	97.0	

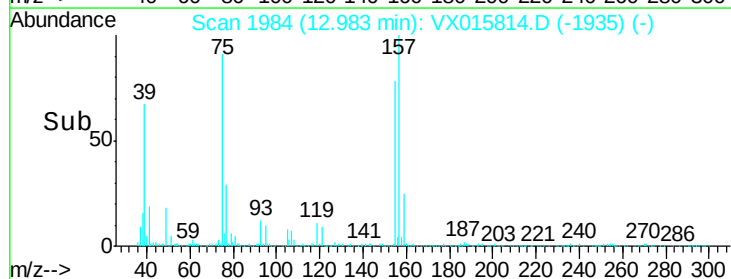
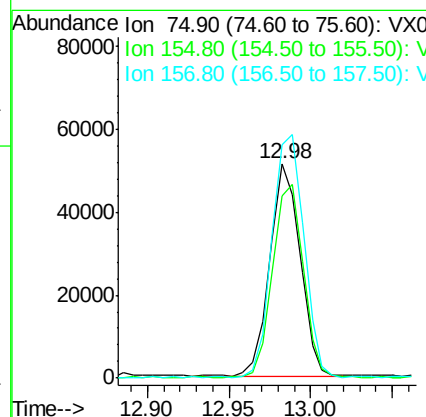
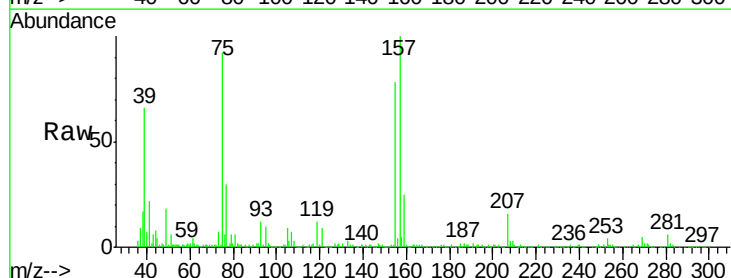
Manual Integrations
APPROVED

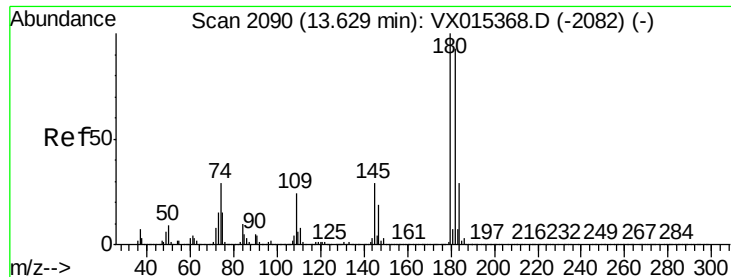
MMDadoda
4/22/2020 10:00:41 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.179 ug/l
RT: 12.98 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	65724		
155	93.4	42.8	128.4	
157	120.3	53.4	160.3	





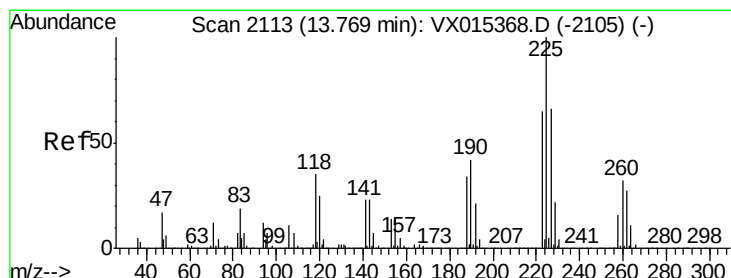
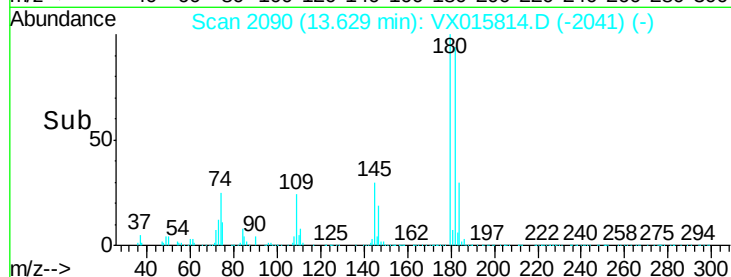
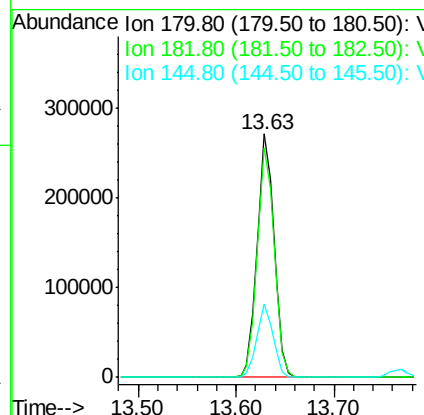
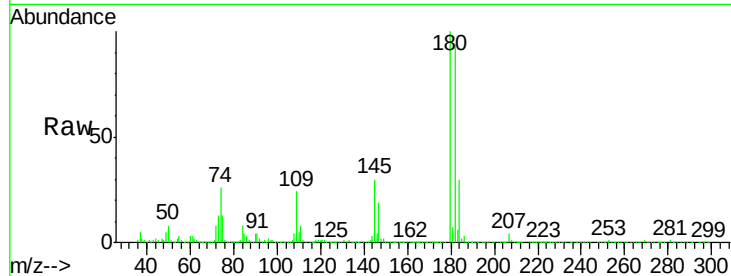
#93
1,2,4-Trichlorobenzene
Concen: 19.913 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	329078		
182	94.6	46.9	140.7	
145	29.2	14.9	44.5	

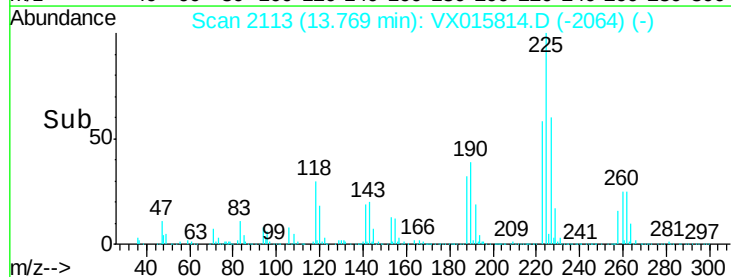
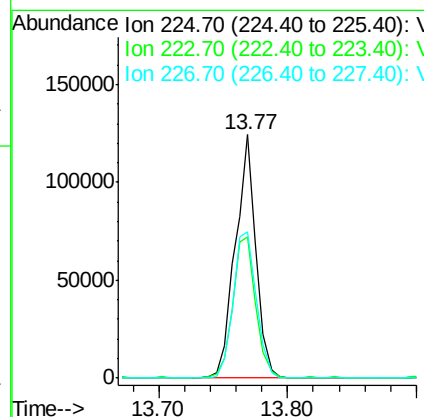
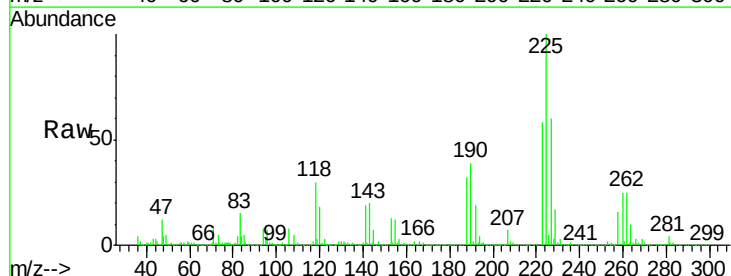
Manual Integrations
APPROVED

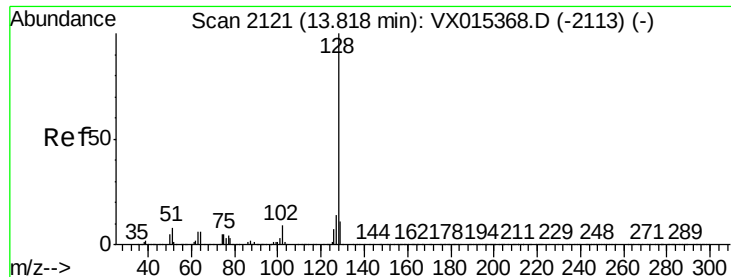
MMDadoda
4/22/2020 10:00:41 AM



#94
Hexachlorobutadiene
Concen: 17.772 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	139837		
223	63.5	31.9	95.7	
227	67.3	30.4	91.3	





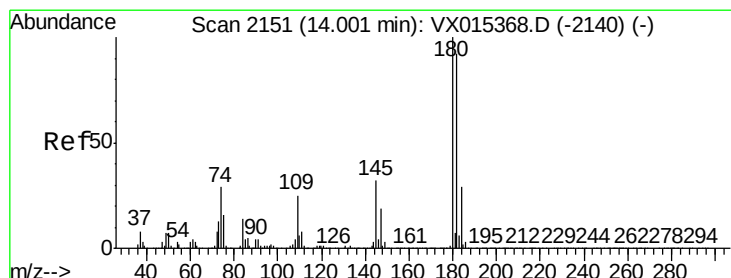
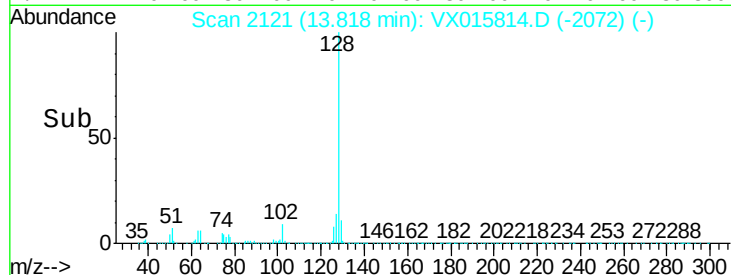
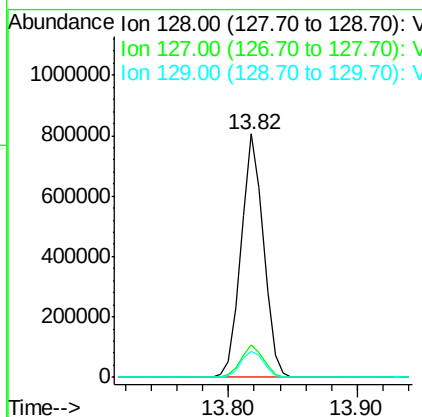
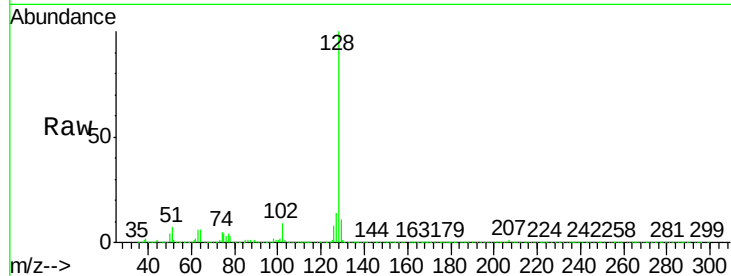
#95
Naphthalene
Concen: 19.157 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:00:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.960 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015814.D
Acq: 21 Apr 2020 23:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.7	140.0
145	30.2	15.8	47.3

