

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015187.D
 Acq On : 11 Mar 2020 09:57
 Operator : JC/SP
 Sample : VX0311WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:50:48 PM

Quant Time: Mar 12 06:29:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	356289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	527305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	487527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	257524	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	211181	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.49	113	175092	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
50) Toluene-d8	8.71	98	661594	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
62) 4-Bromofluorobenzene	11.13	95	238866	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61287	19.64	ug/l	98
3) Chloromethane	1.32	50	83744	18.95	ug/l	99
4) Vinyl Chloride	1.41	62	80885	18.05	ug/l	97
5) Bromomethane	1.65	94	49836	18.09	ug/l	97
6) Chloroethane	1.72	64	47761	17.77	ug/l	100
7) Trichlorofluoromethane	1.93	101	96577	18.11	ug/l	99
8) Diethyl Ether	2.18	74	43059	17.83	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62654	18.68	ug/l	100
10) Methyl Iodide	2.50	142	57249	15.10	ug/l	99
11) Tert butyl alcohol	3.04	59	66637	90.86	ug/l	99
12) 1,1-Dichloroethene	2.37	96	62553	18.07	ug/l	97
13) Acrolein	2.29	56	60393	87.63	ug/l	99
14) Allyl chloride	2.72	41	115360	19.11	ug/l	93
15) Acrylonitrile	3.14	53	178104	97.52	ug/l	99
16) Acetone	2.44	43	165838	96.88	ug/l	97
17) Carbon Disulfide	2.56	76	158659	16.50	ug/l	100
18) Methyl Acetate	2.76	43	80808	19.31	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	201408	18.62	ug/l	99
20) Methylene Chloride	2.85	84	70386	17.57	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	67720	18.32	ug/l	98
22) Diisopropyl ether	3.84	45	241581	20.09	ug/l	97
23) Vinyl Acetate	3.80	43	972496	98.36	ug/l	98
24) 1,1-Dichloroethane	3.69	63	127225	19.06	ug/l	100
25) 2-Butanone	4.66	43	267546	106.76	ug/l	99
26) 2,2-Dichloropropane	4.58	77	98974	18.68	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	82153	19.81	ug/l	99
28) Bromochloromethane	5.01	49	60521	19.91	ug/l	99
29) Tetrahydrofuran	5.12	42	152123	94.17	ug/l	99
30) Chloroform	5.20	83	129723	19.94	ug/l	99
31) Cyclohexane	5.58	56	111635	18.75	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	106694	19.78	ug/l	98
36) 1,1-Dichloropropene	5.79	75	96832	19.86	ug/l	100
37) Ethyl Acetate	4.83	43	98023	21.68	ug/l	97
38) Carbon Tetrachloride	5.78	117	93086	20.23	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	112524	19.77	ug/l	99
40) Benzene	6.13	78	296723	20.52	ug/l	98
41) Methacrylonitrile	5.03	41	51536	18.97	ug/l	99
42) 1,2-Dichloroethane	6.18	62	104611	21.06	ug/l	96
43) Isopropyl Acetate	6.43	43	160825	20.22	ug/l	99
44) Trichloroethene	7.21	130	79880	19.83	ug/l	99
45) 1,2-Dichloropropane	7.50	63	78273	20.91	ug/l	97
46) Dibromomethane	7.65	93	51010	20.91	ug/l	95
47) Bromodichloromethane	7.89	83	98928	20.51	ug/l	96
48) Methyl methacrylate	7.76	41	79022	19.52	ug/l	98
49) 1,4-Dioxane	7.75	88	35045	400.35	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	500338	106.38	ug/l	99
52) Toluene	8.78	92	183498	20.75	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	104456	20.35	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	120667	20.79	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	75831	20.83	ug/l	97
56) Ethyl methacrylate	9.17	69	106633	20.54	ug/l	99
57) 1,3-Dichloropropane	9.37	76	128566	21.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	294863	104.26	ug/l	100
59) 2-Hexanone	9.48	43	372165	106.76	ug/l	100
60) Dibromochloromethane	9.57	129	79376	20.76	ug/l	100
61) 1,2-Dibromoethane	9.67	107	77598	20.30	ug/l	98
64) Tetrachloroethene	9.33	164	81926	20.32	ug/l	95
65) Chlorobenzene	10.13	112	198422	20.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	75370	20.42	ug/l	98
67) Ethyl Benzene	10.25	91	343052	20.64	ug/l	100
68) m/p-Xylenes	10.35	106	261417	41.34	ug/l	98
69) o-Xylene	10.70	106	122635	20.26	ug/l	98
70) Styrene	10.71	104	213082	20.53	ug/l	99
71) Bromoform	10.85	173	55527	19.40	ug/l	100
73) Isopropylbenzene	11.01	105	337547	20.52	ug/l	100
74) N-amyl acetate	10.89	43	132718	19.14	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	111630	20.36	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	91552m	17.82	ug/l	
77) Bromobenzene	11.25	156	88744	19.36	ug/l	99
78) n-propylbenzene	11.35	91	392088	20.86	ug/l	99
79) 2-Chlorotoluene	11.42	91	229210	20.42	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	283676	20.71	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	32990	18.23	ug/l	93
82) 4-Chlorotoluene	11.51	91	267363	20.16	ug/l	100
83) tert-Butylbenzene	11.76	119	263685	19.91	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	283199	20.58	ug/l	99
85) sec-Butylbenzene	11.94	105	332100	20.78	ug/l	100
86) p-Isopropyltoluene	12.06	119	305902	20.77	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	159733	19.82	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	160423	19.28	ug/l	100
89) n-Butylbenzene	12.39	91	258594	19.74	ug/l	100
90) Hexachloroethane	12.59	117	51671	18.56	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	154145	19.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	21205	19.32	ug/l	99

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ClientSampleId :
VX0311WBS01

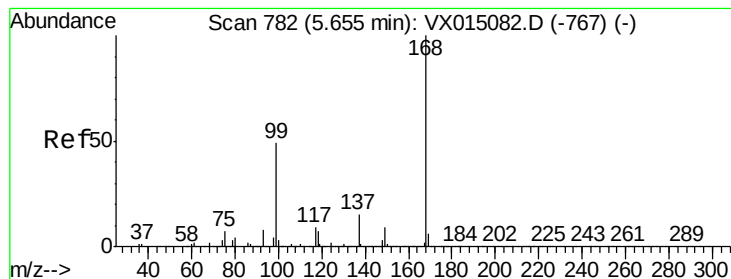
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	108742	19.55	ug/l	100
94) Hexachlorobutadiene	13.78	225	52454	18.38	ug/l	95
95) Naphthalene	13.83	128	299727	18.50	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	111910	20.17	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 168 Resp: 356289

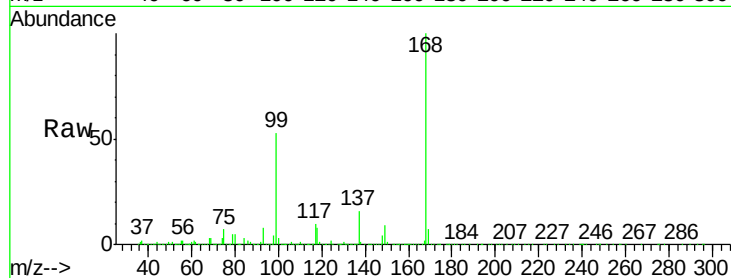
Ion Ratio Lower Upper

168 100

99 53.0 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

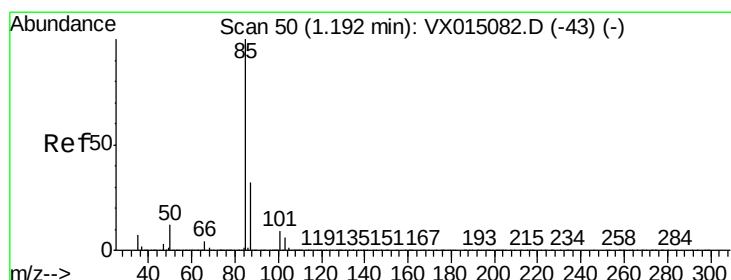
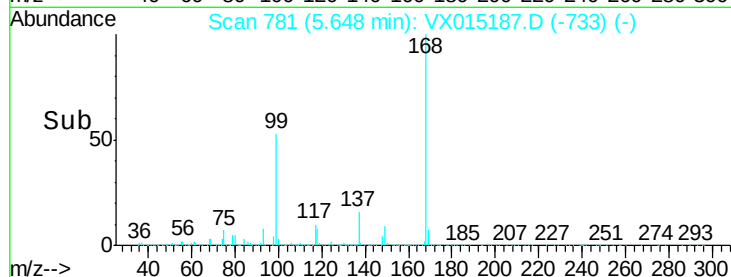
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100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 19.64 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015187.D

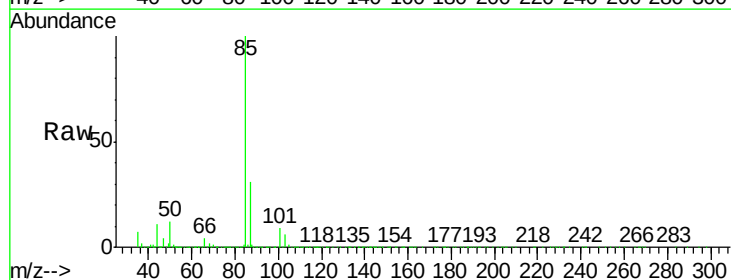
Acq: 11 Mar 2020 09:57

Tgt Ion: 85 Resp: 61287

Ion Ratio Lower Upper

85 100

87 31.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

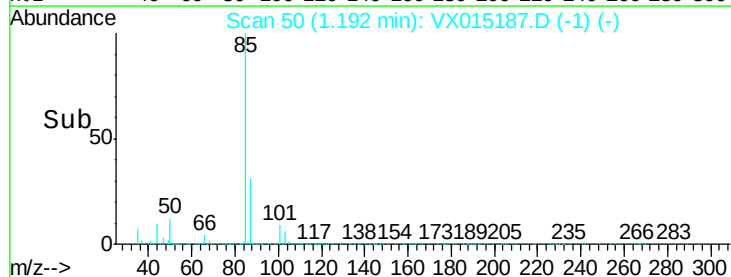
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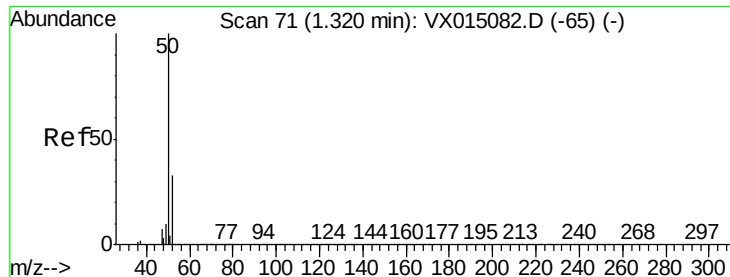
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20000

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Time-->





#3

Chloromethane

Concen: 18.95 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 50 Resp: 83744

Ion Ratio Lower Upper

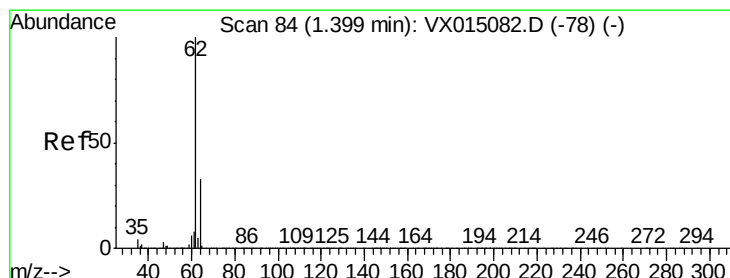
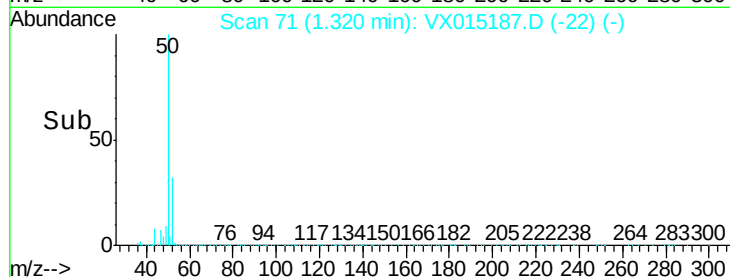
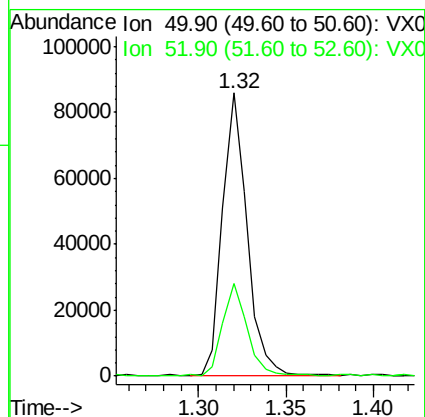
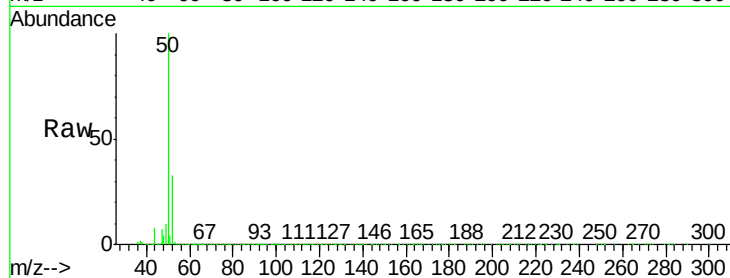
50 100

52 32.3 26.2 39.2

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#4

Vinyl Chloride

Concen: 18.05 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015187.D

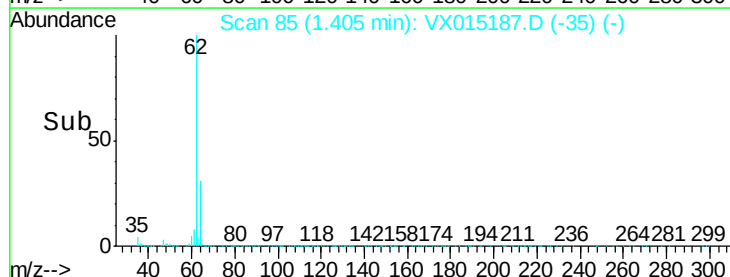
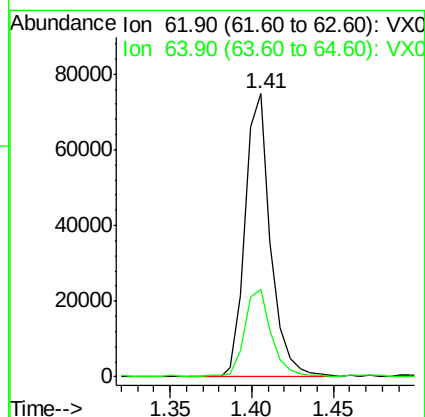
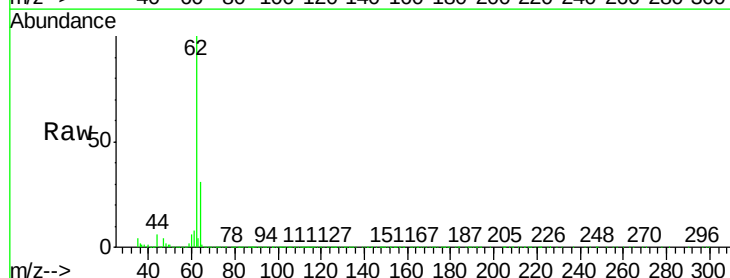
Acq: 11 Mar 2020 09:57

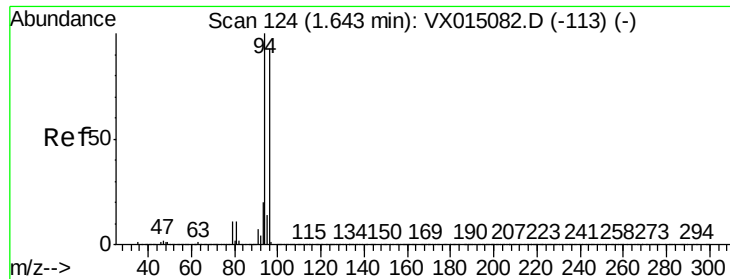
Tgt Ion: 62 Resp: 80885

Ion Ratio Lower Upper

62 100

64 30.7 26.1 39.1





#5

Bromomethane

Concen: 18.09 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 94 Resp: 49836

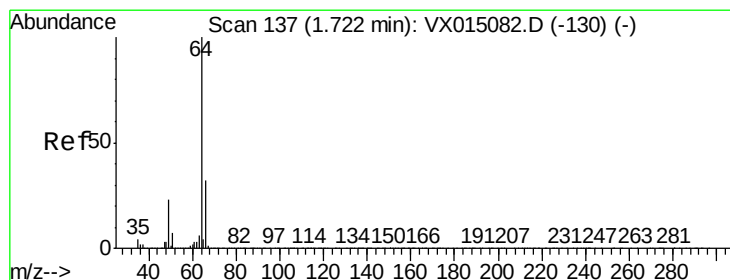
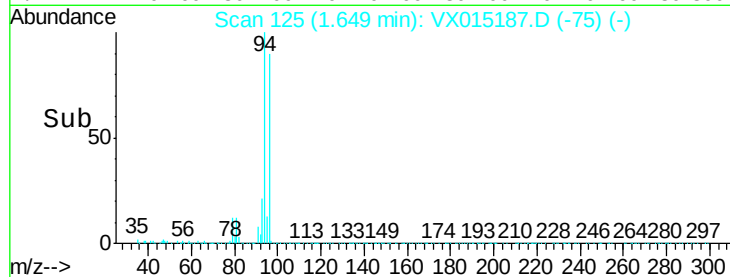
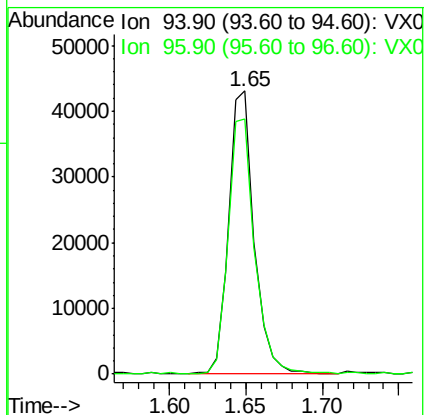
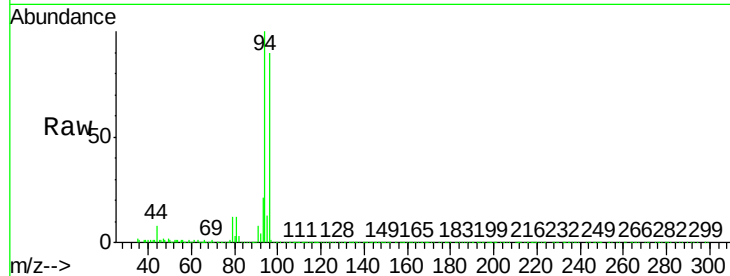
Ion Ratio Lower Upper

94 100

96 90.0 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 17.77 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015187.D

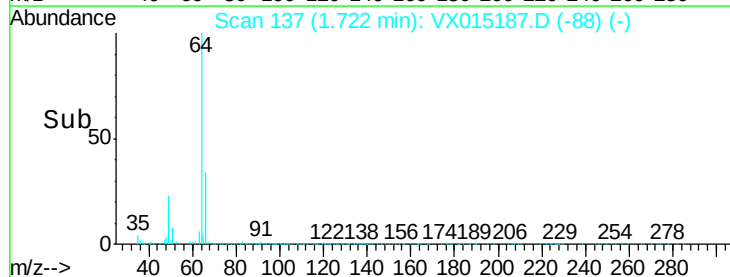
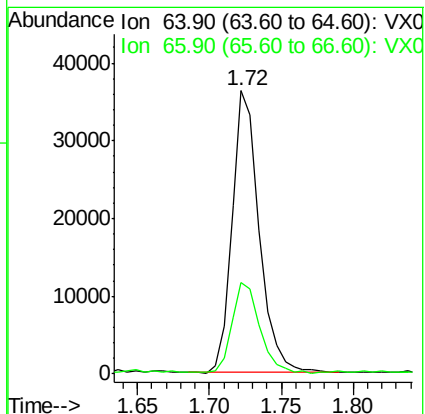
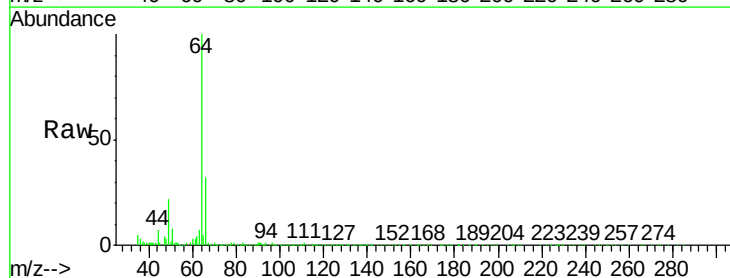
Acq: 11 Mar 2020 09:57

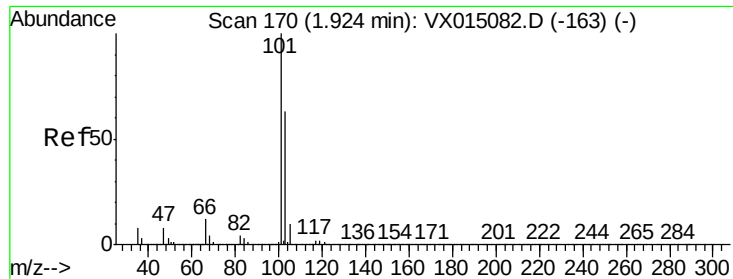
Tgt Ion: 64 Resp: 47761

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.8





#7

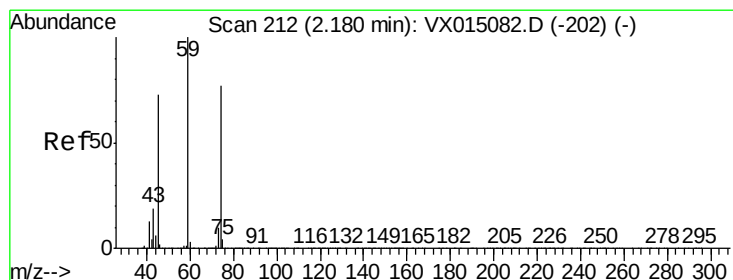
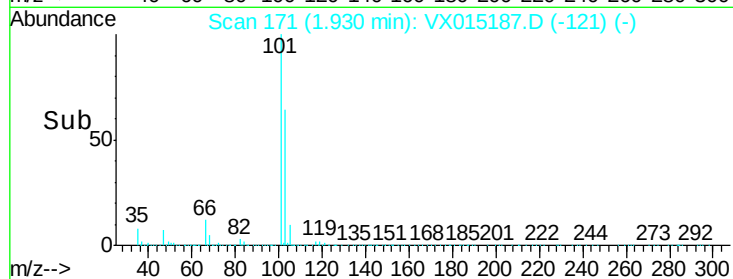
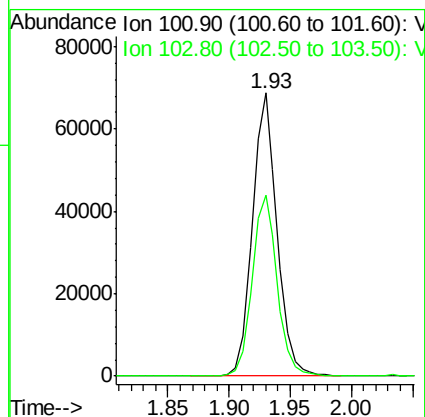
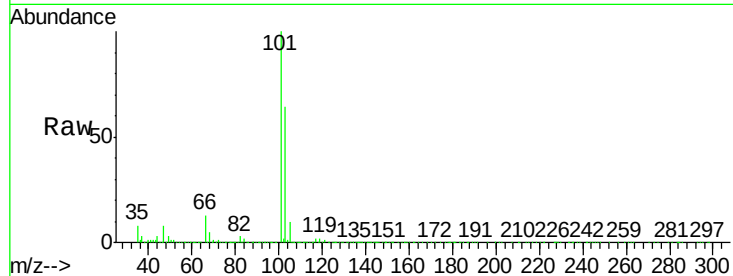
Trichlorofluoromethane
Concen: 18.11 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.4	75.6

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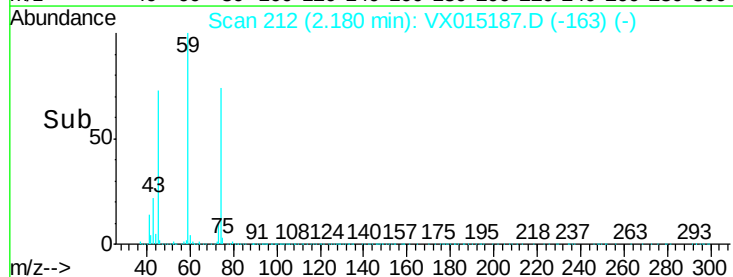
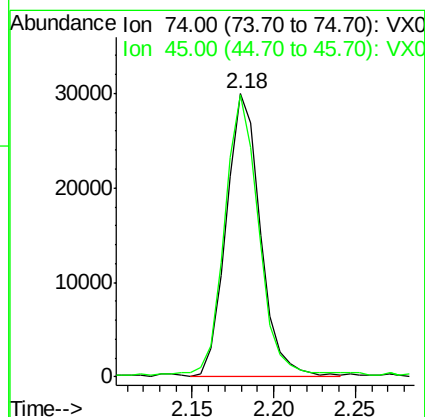
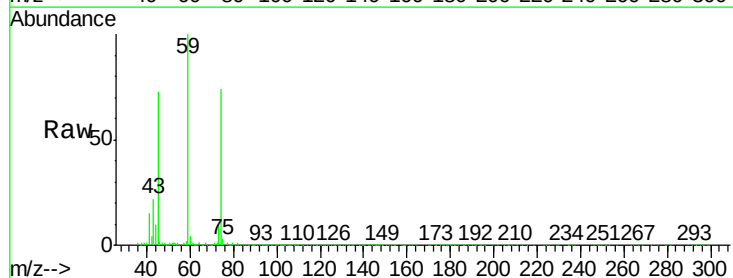
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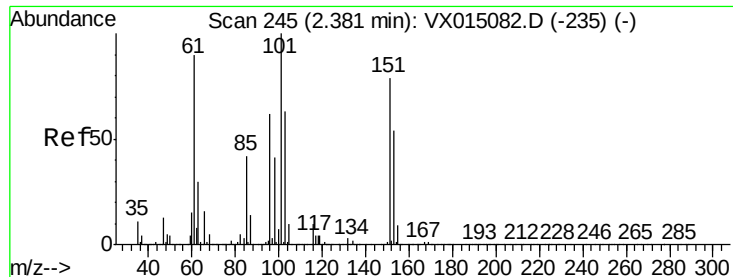


#8

Diethyl Ether
Concen: 17.83 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.4	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.68 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

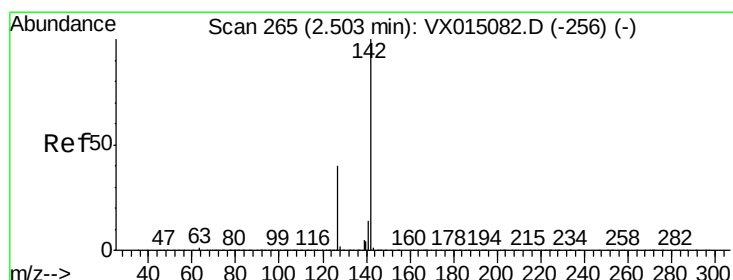
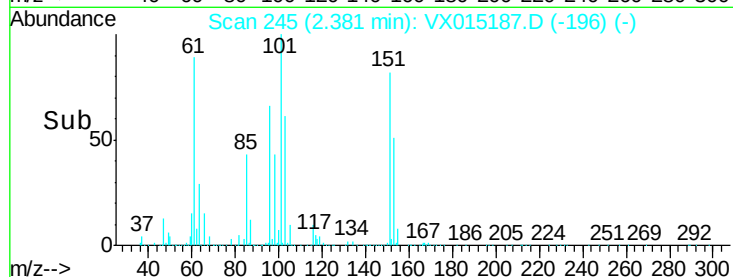
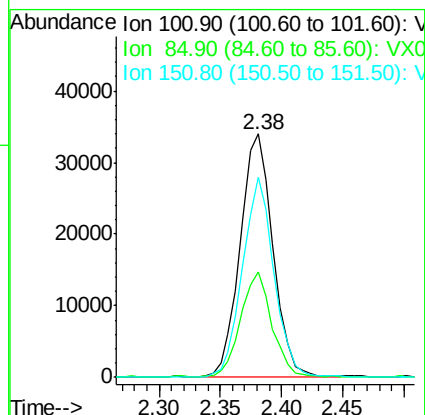
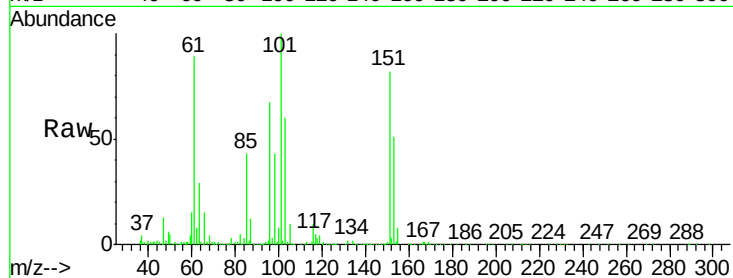
ClientSampleId :

VX0311WBS01

Tgt Ion:	101	Resp:	62654
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.7	50.5
151	80.4	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.10 ug/l

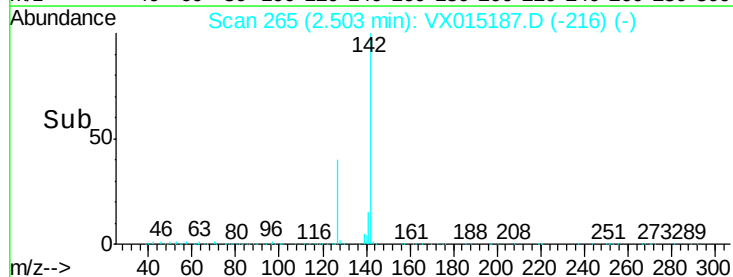
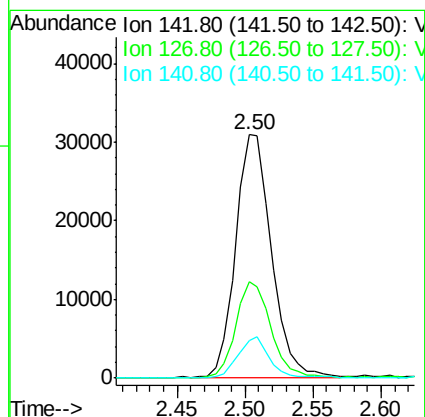
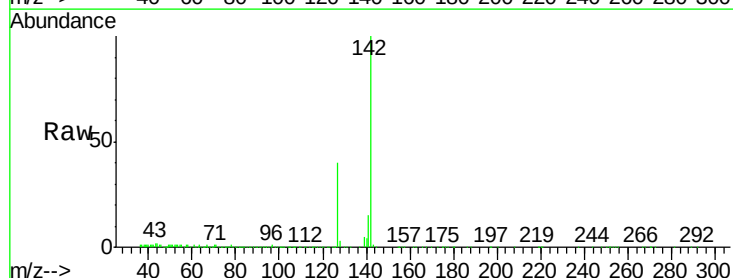
RT: 2.50 min Scan# 265

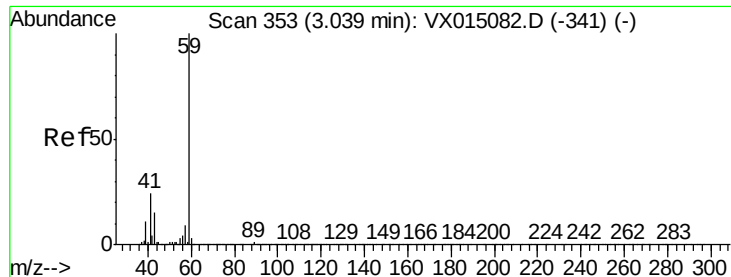
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion:	142	Resp:	57249
Ion Ratio	Lower	Upper	
142	100		
127	39.4	31.7	47.5
141	15.7	11.3	16.9





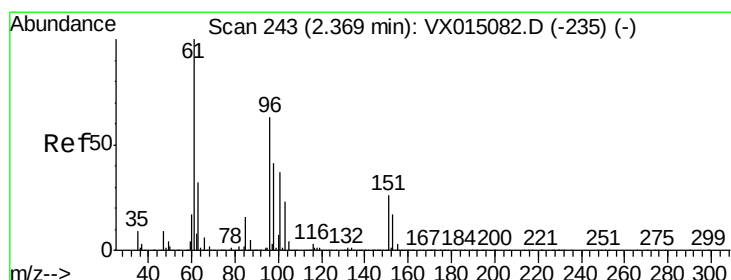
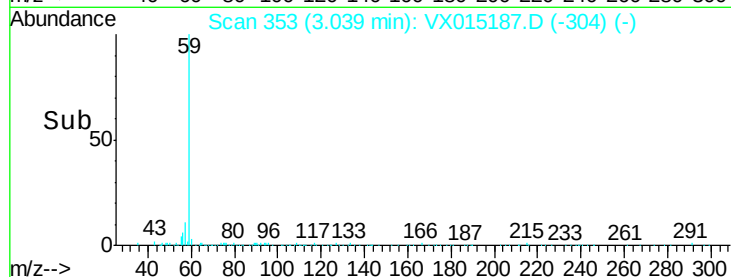
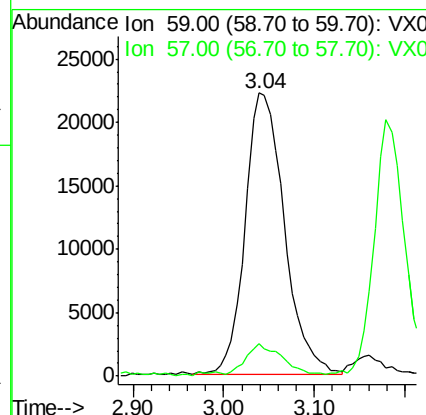
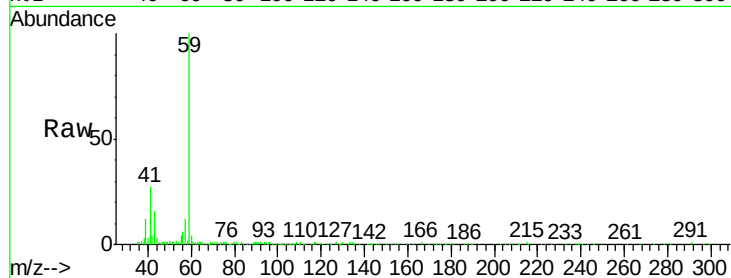
#11
Tert butyl alcohol
Concen: 90.86 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

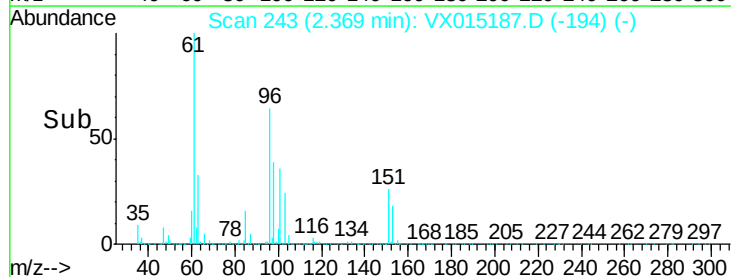
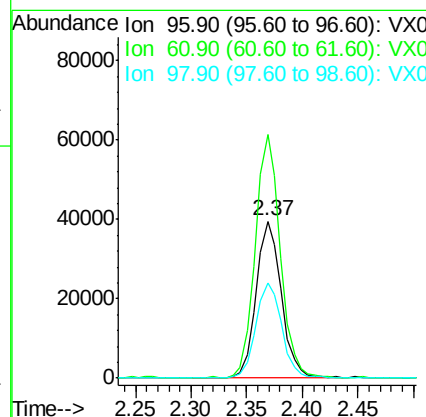
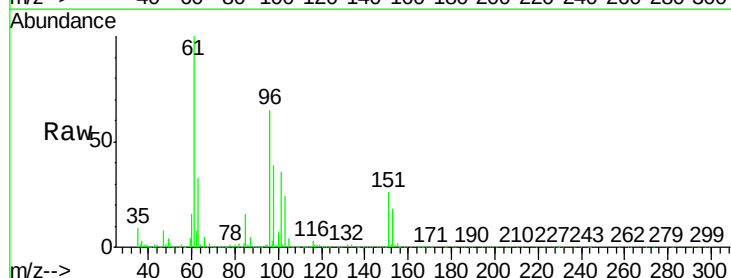
Manual Integrations
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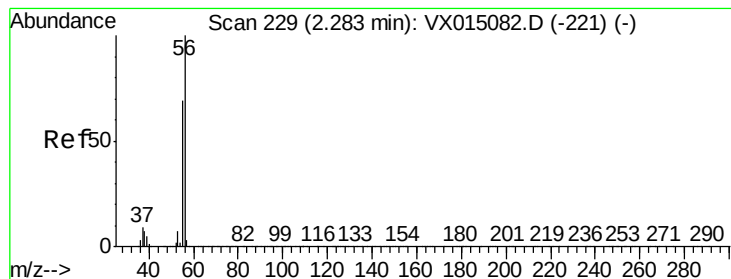
MMDadoda
3/12/2020 2:50:48 PM



#12
1,1-Dichloroethene
Concen: 18.07 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.9	126.2	189.4
98	60.1	51.4	77.0





#13

Acrolein

Concen: 87.63 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

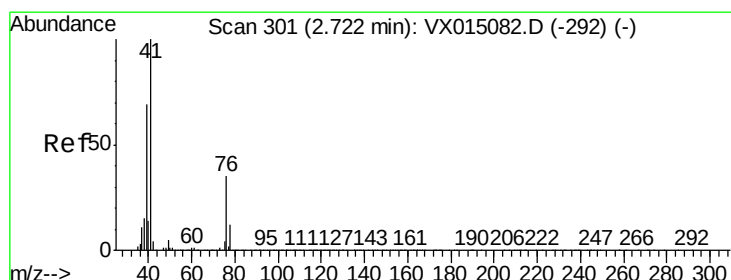
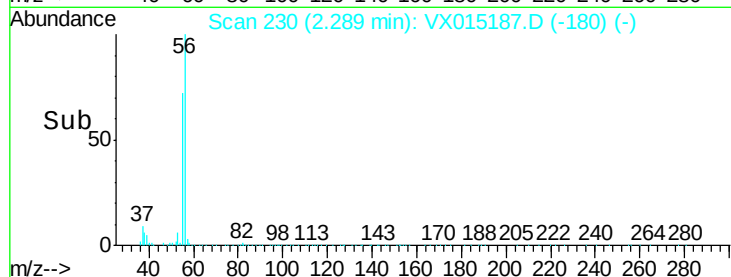
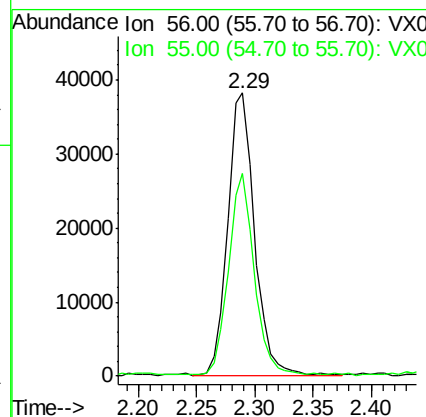
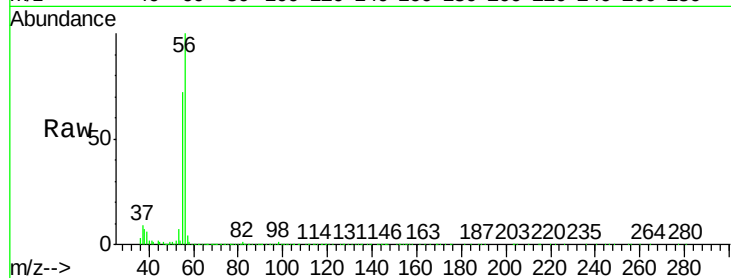
ClientSampleId :

VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
55	68.4	55.4	83.0

Manual Integrations
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3/12/2020 2:50:48 PM



#14

Allyl chloride

Concen: 19.11 ug/l

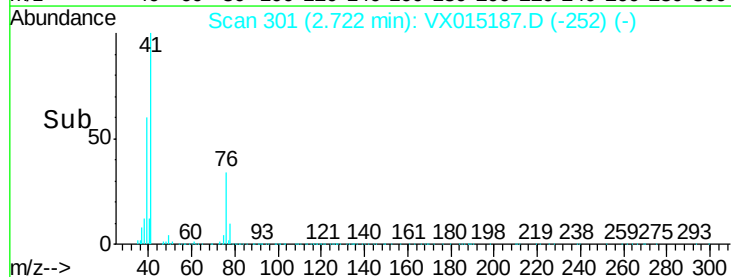
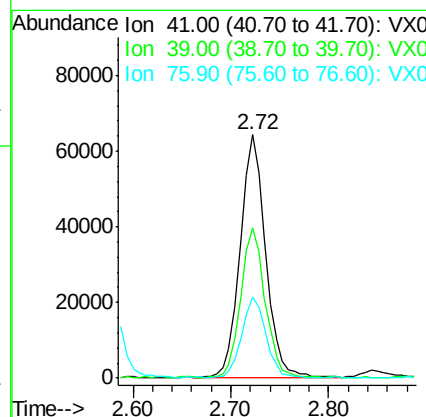
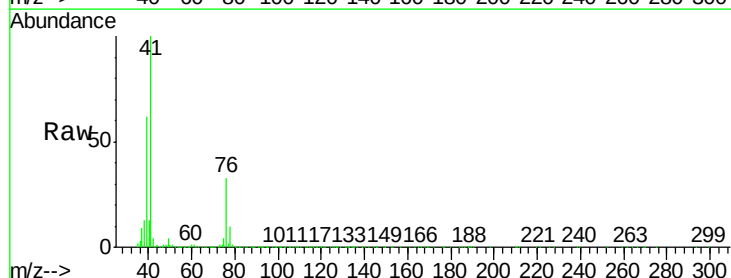
RT: 2.72 min Scan# 301

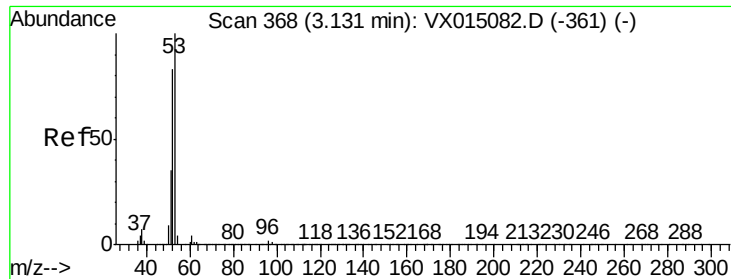
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.0	52.9	79.3
76	31.9	26.8	40.2





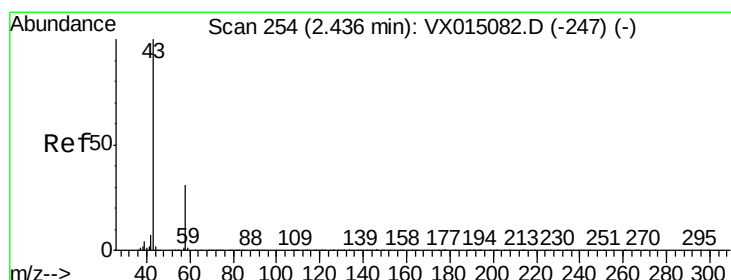
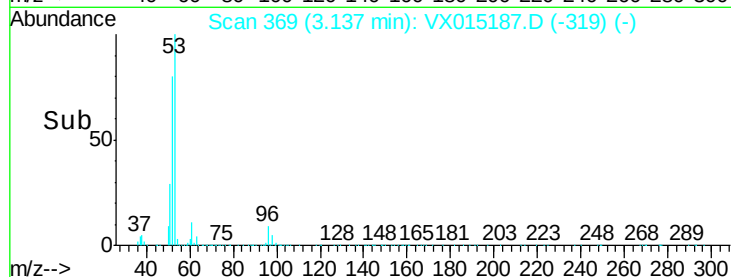
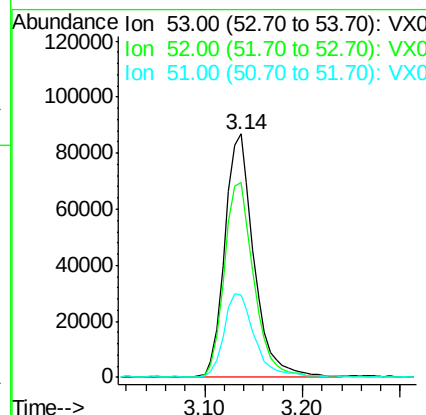
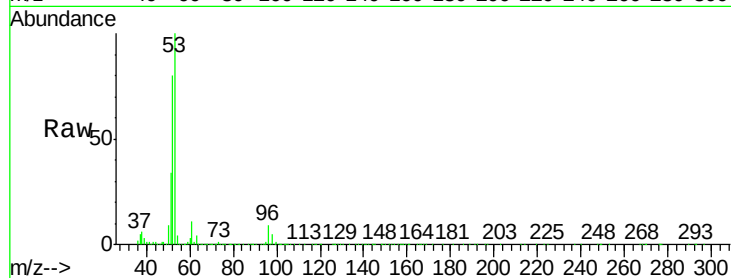
#15
Acrylonitrile
Concen: 97.52 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.6	100.0
51	35.7	29.0	43.6

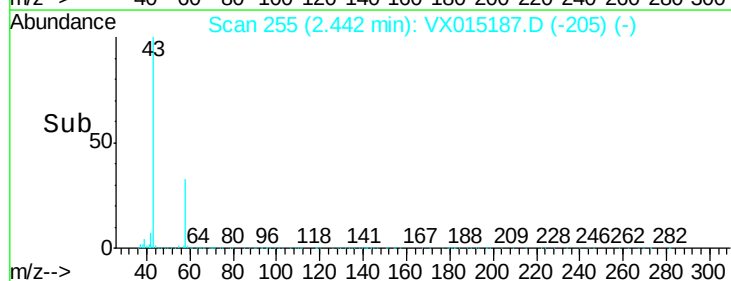
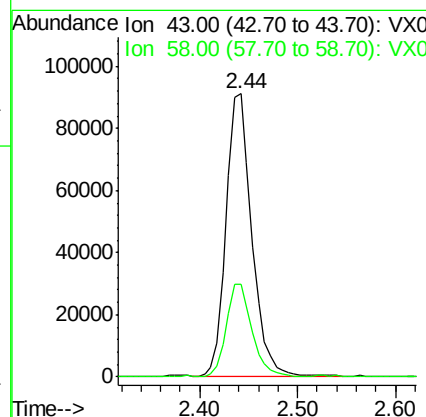
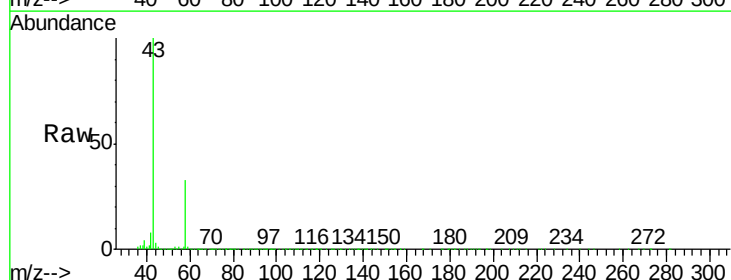
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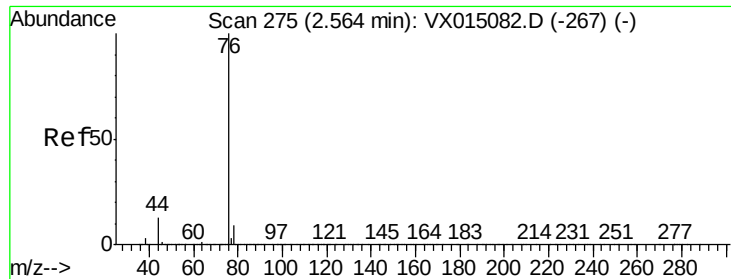
MMDadoda
3/12/2020 2:50:48 PM



#16
Acetone
Concen: 96.88 ug/l
RT: 2.44 min Scan# 255
Delta R.T. 0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.9	24.8	37.2





#17

Carbon Disulfide

Concen: 16.50 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 76 Resp: 158659

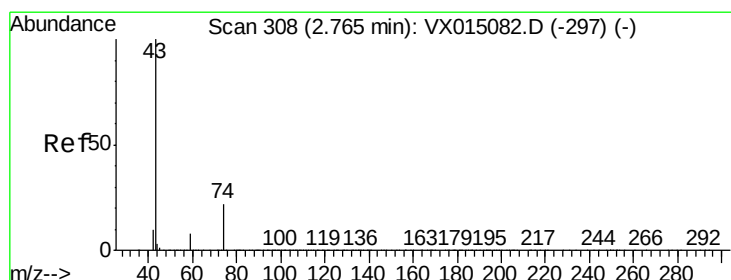
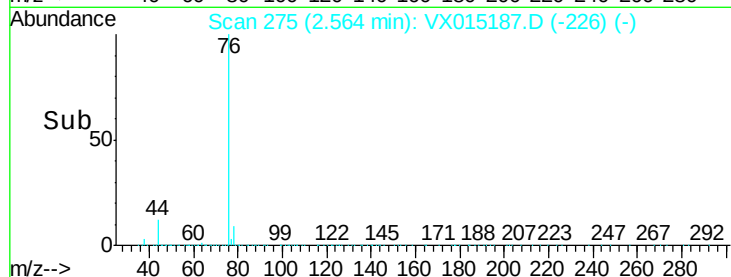
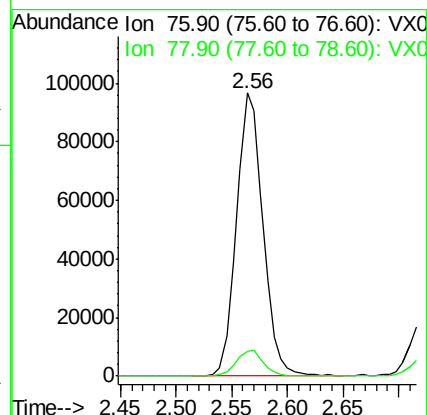
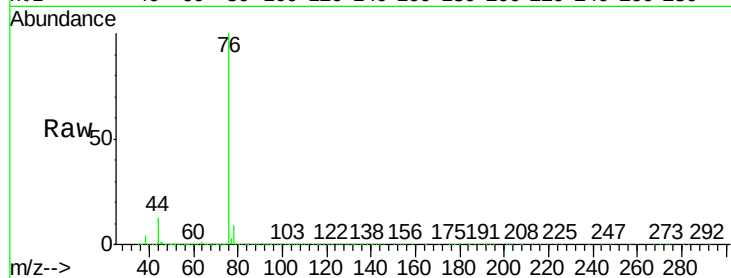
Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

Manual Integrations
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#18

Methyl Acetate

Concen: 19.31 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015187.D

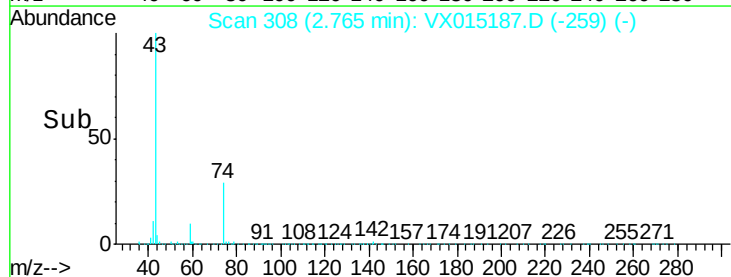
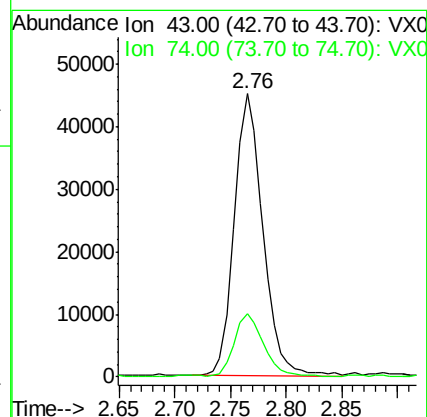
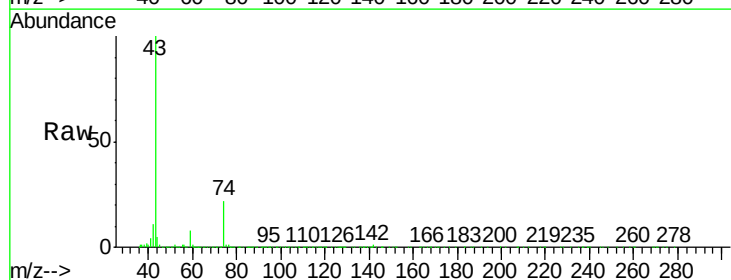
Acq: 11 Mar 2020 09:57

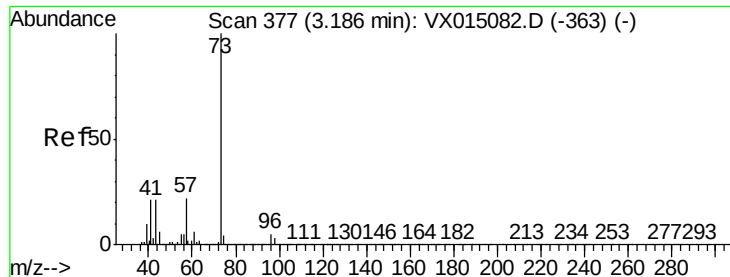
Tgt Ion: 43 Resp: 80808

Ion Ratio Lower Upper

43 100

74 22.0 18.8 28.2





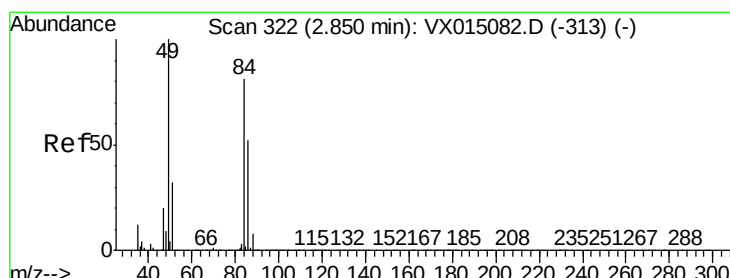
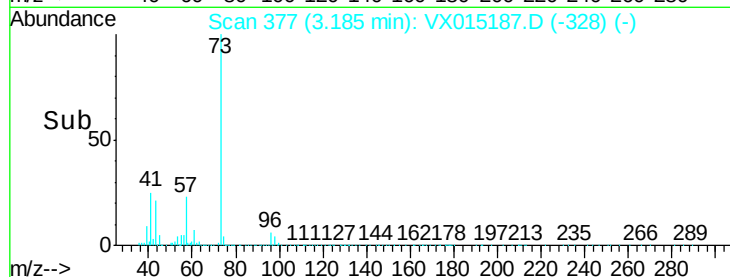
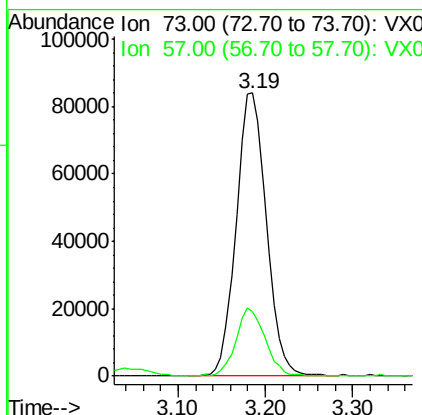
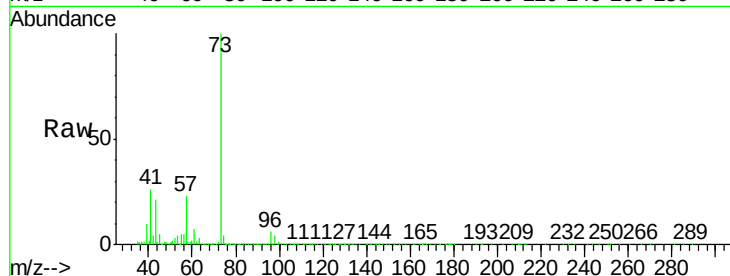
#19
Methyl tert-butyl Ether
Concen: 18.62 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 73 Resp: 201408
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.6

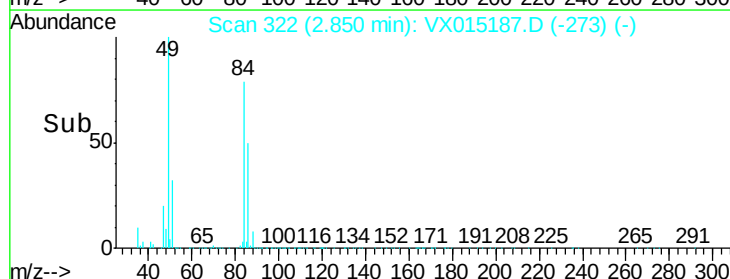
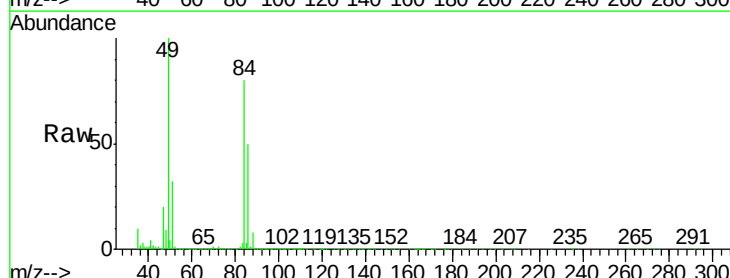
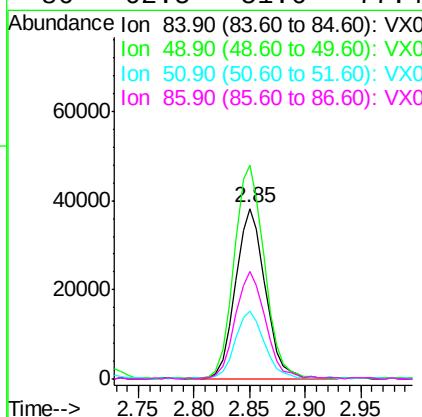
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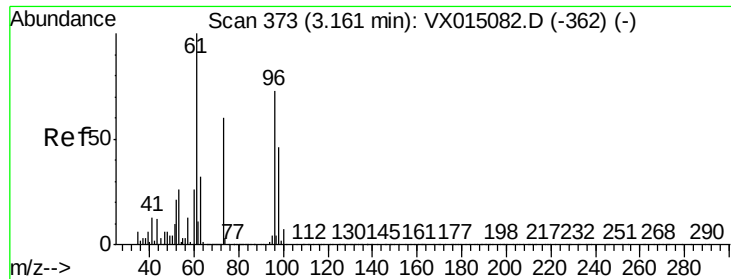
MMDadoda
3/12/2020 2:50:48 PM



#20
Methylene Chloride
Concen: 17.57 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 84 Resp: 70386
Ion Ratio Lower Upper
84 100
49 125.3 99.4 149.2
51 39.9 31.5 47.3
86 62.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 18.32 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

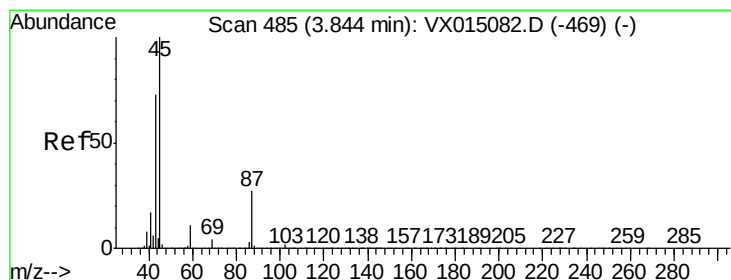
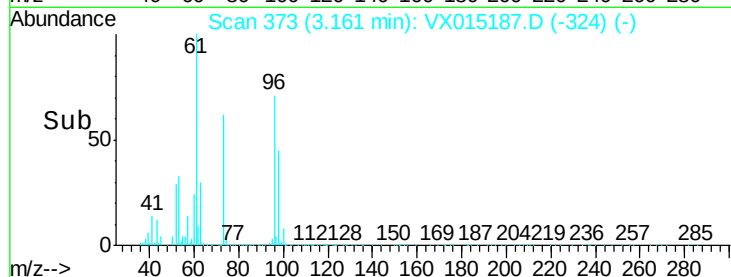
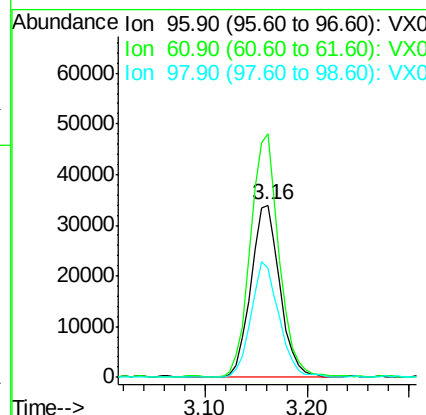
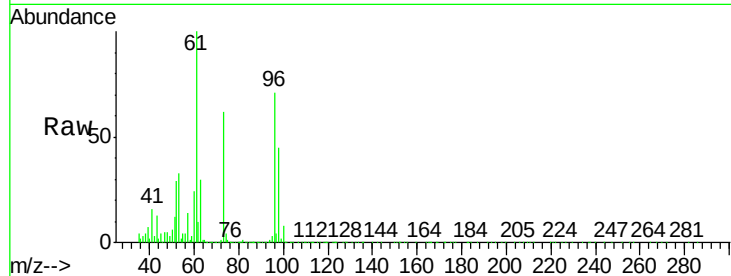
ClientSampleId :

VX0311WBS01

Tgt Ion:	96	Resp:	67720
Ion	Ratio	Lower	Upper
96	100		
61	140.4	109.9	164.9
98	63.0	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.09 ug/l

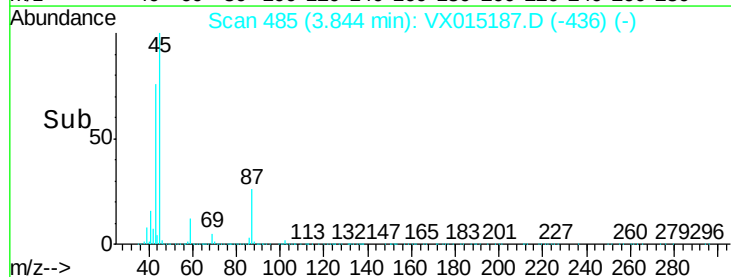
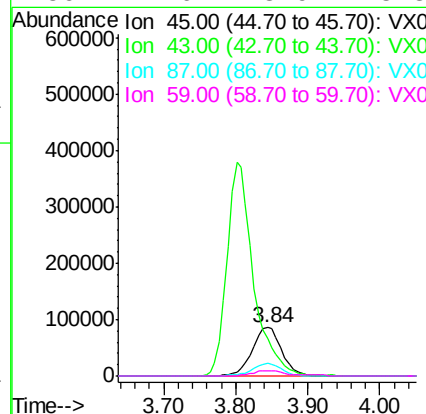
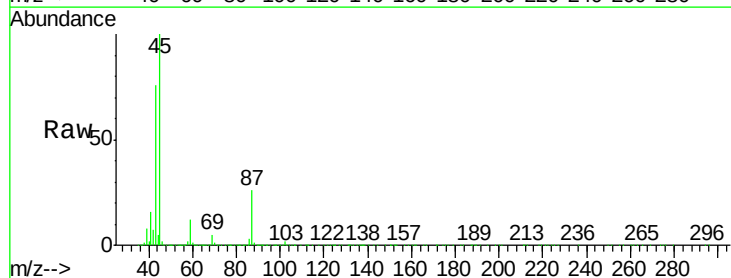
RT: 3.84 min Scan# 485

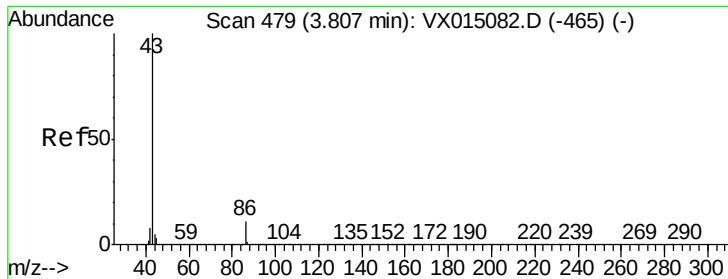
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion:	45	Resp:	241581
Ion	Ratio	Lower	Upper
45	100		
43	76.0	58.2	87.2
87	26.2	21.2	31.8
59	11.6	8.9	13.3





#23

Vinyl Acetate

Concen: 98.36 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 43 Resp: 972496

Ion Ratio Lower Upper

43 100

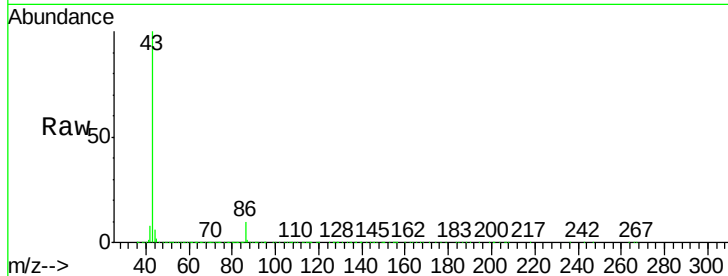
86 10.0 8.6 12.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

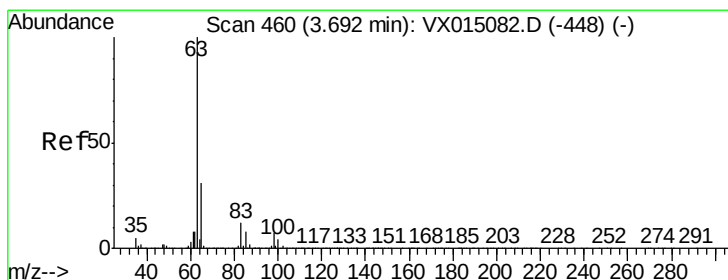
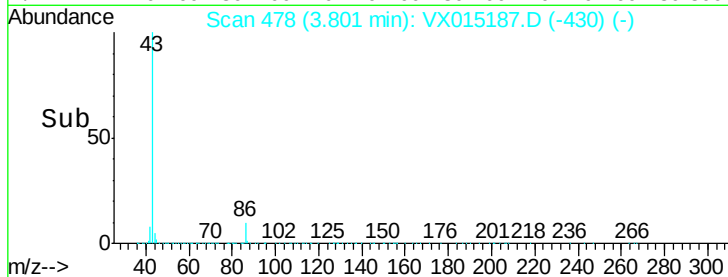
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.06 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

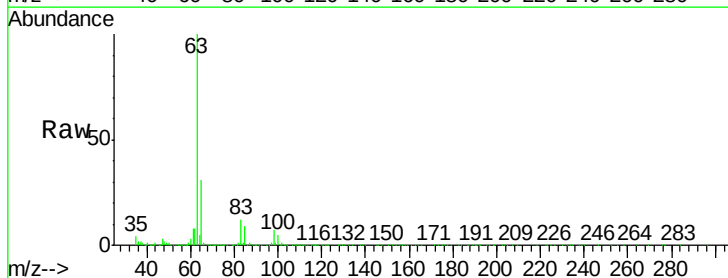
Tgt Ion: 63 Resp: 127225

Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

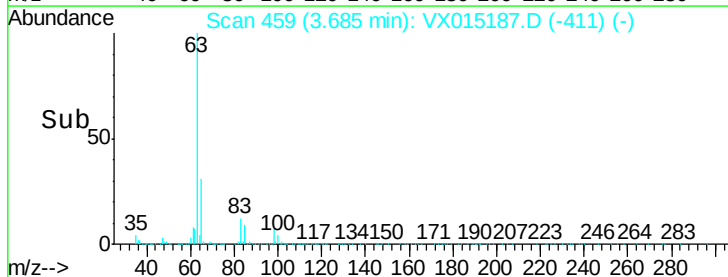
60000

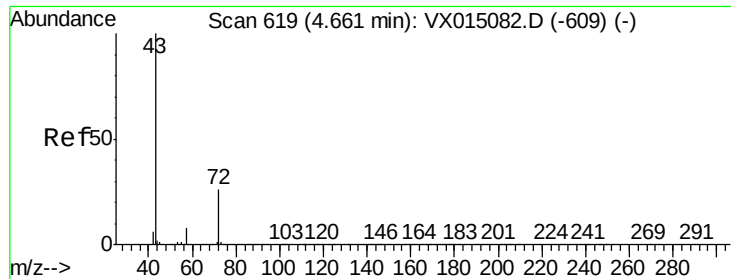
40000

20000

0

Time-->





#25

2-Butanone

Concen: 106.76 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 43 Resp: 267546

Ion Ratio Lower Upper

43 100

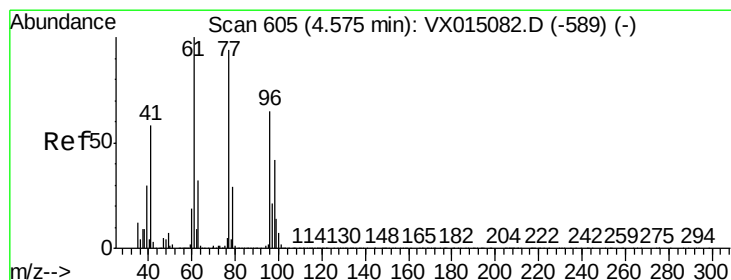
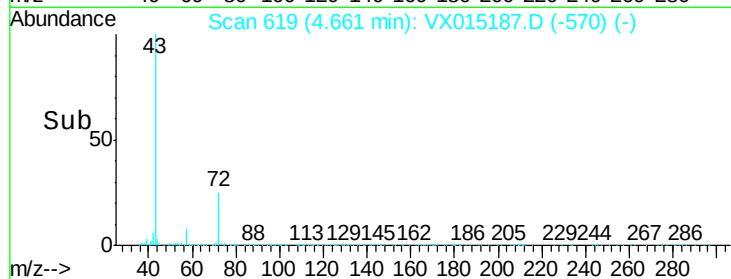
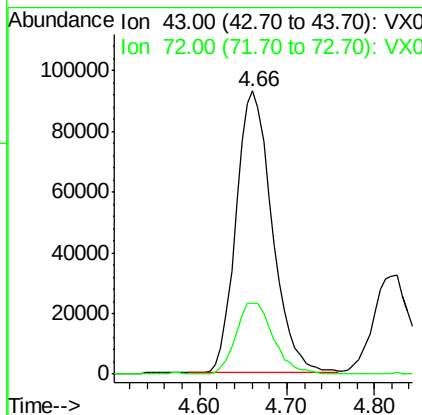
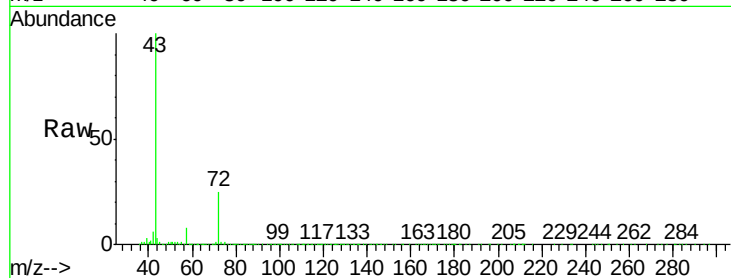
72 25.0 20.6 30.8

Manual Integrations

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3/12/2020 2:50:48 PM



#26

2,2-Dichloropropane

Concen: 18.68 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015187.D

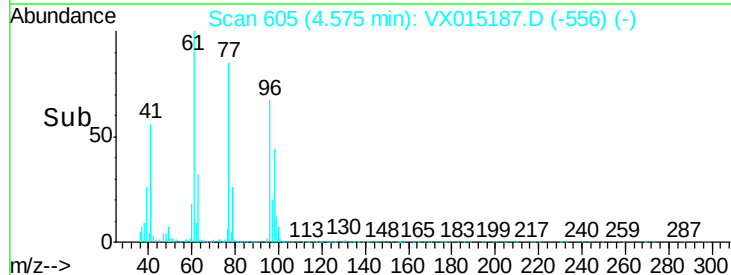
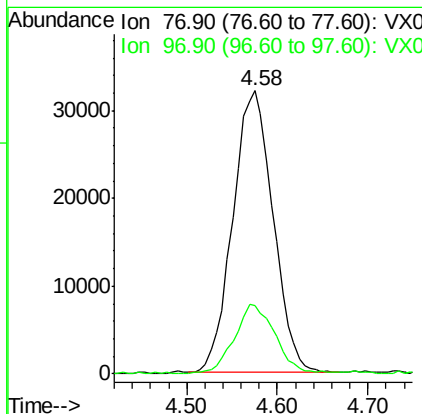
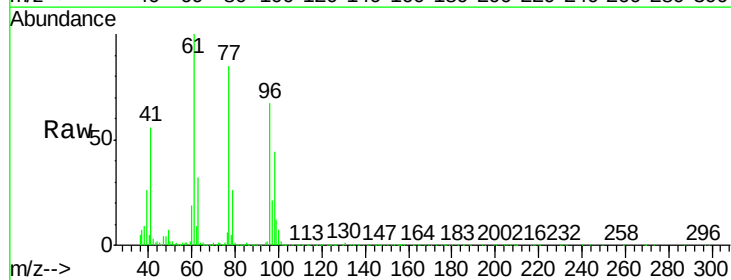
Acq: 11 Mar 2020 09:57

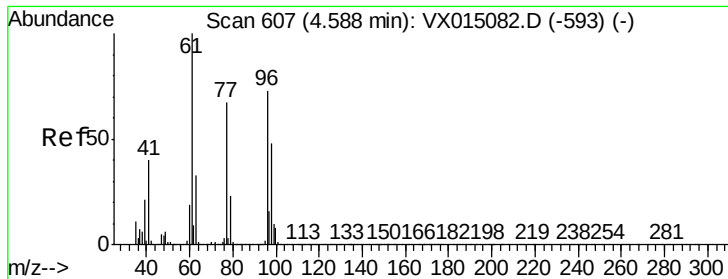
Tgt Ion: 77 Resp: 98974

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4





#27

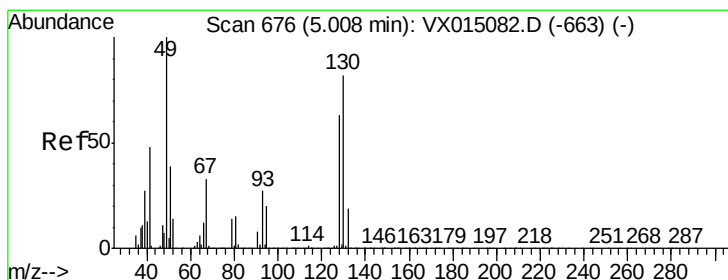
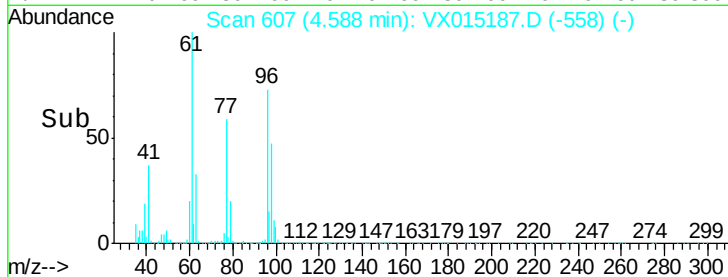
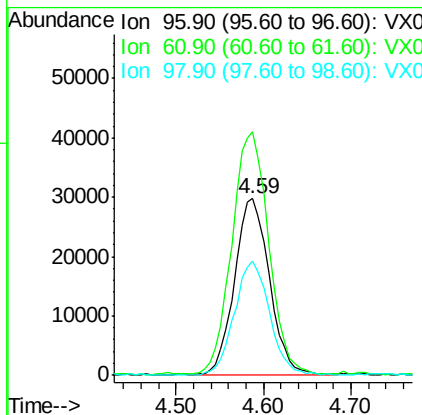
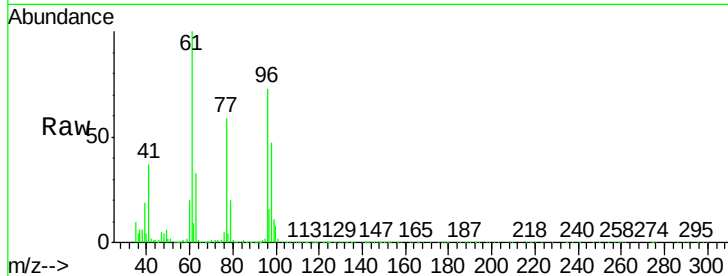
cis-1,2-Dichloroethene
Concen: 19.81 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	286.8
98	66.0	0.0	128.4

Manual Integrations
APPROVED

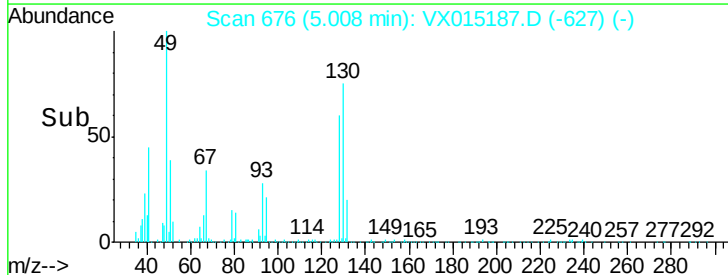
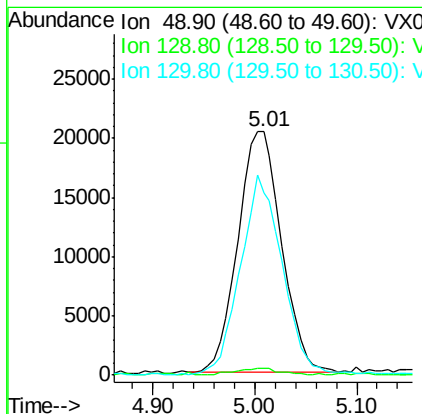
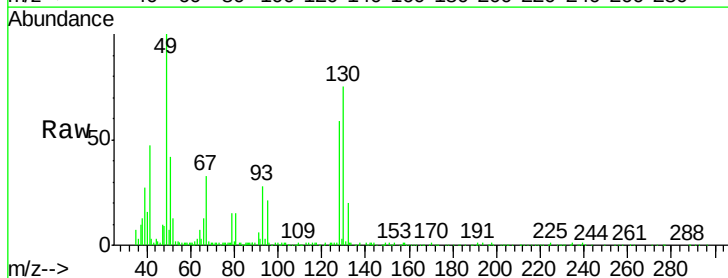
MMDadoda
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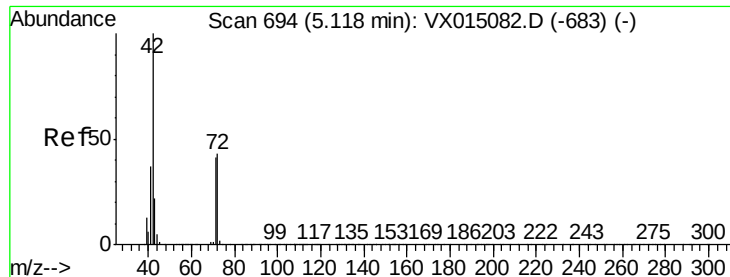


#28

Bromochloromethane
Concen: 19.91 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	4.4
130	80.2	65.0	97.6





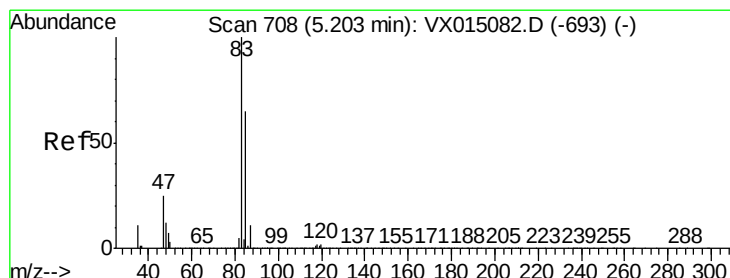
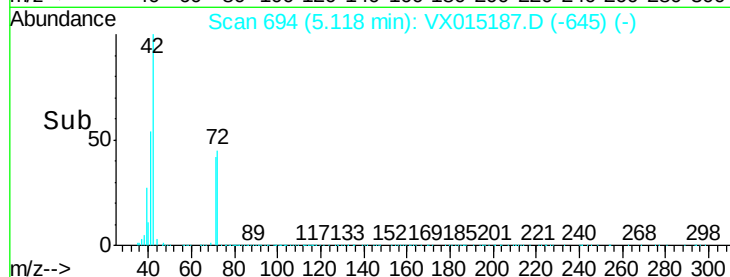
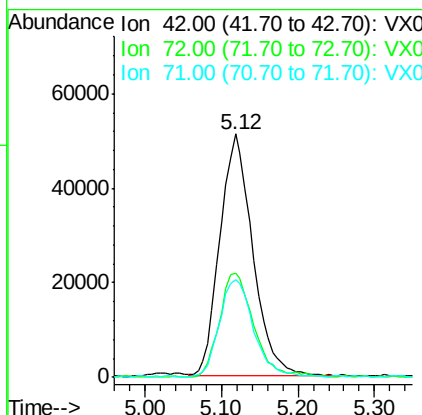
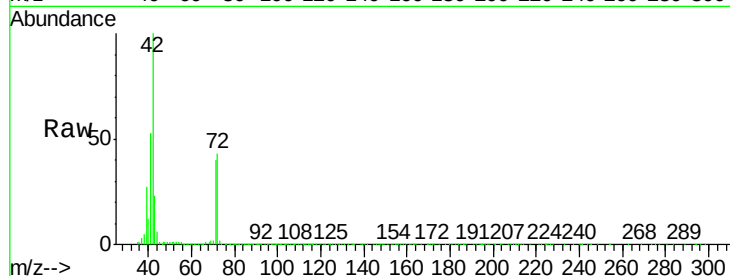
#29
Tetrahydrofuran
Concen: 94.17 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.4	54.6
71	41.6	33.3	49.9

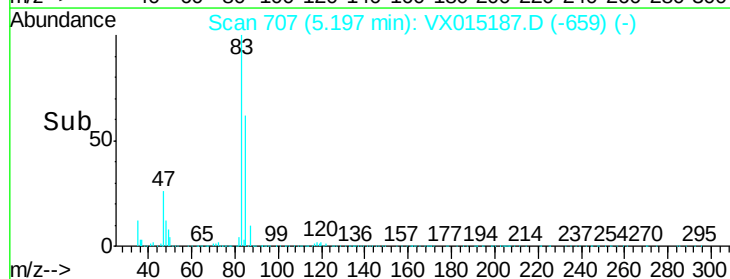
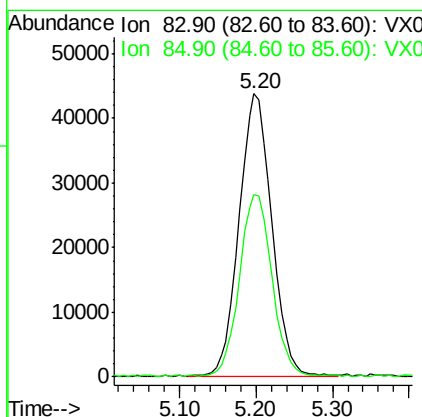
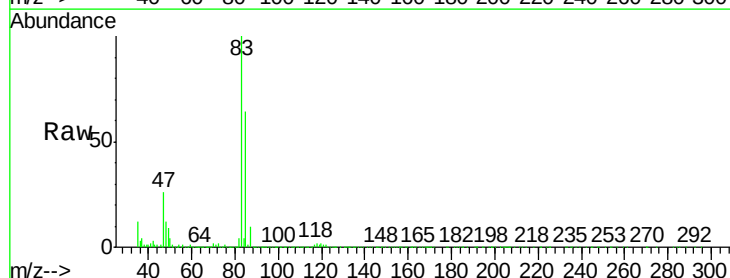
Manual Integrations
APPROVED

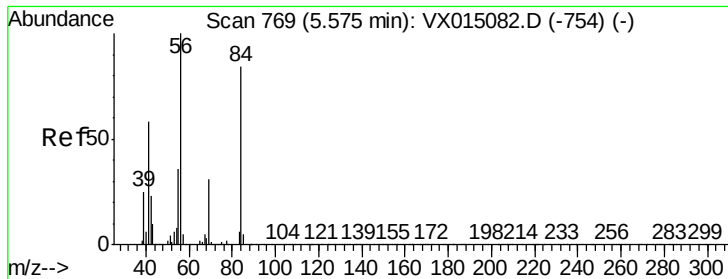
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3/12/2020 2:50:48 PM



#30
Chloroform
Concen: 19.94 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.0	78.0





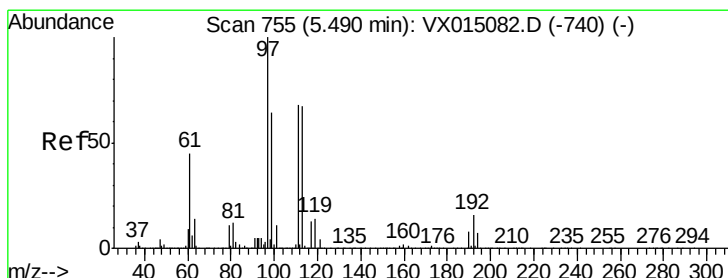
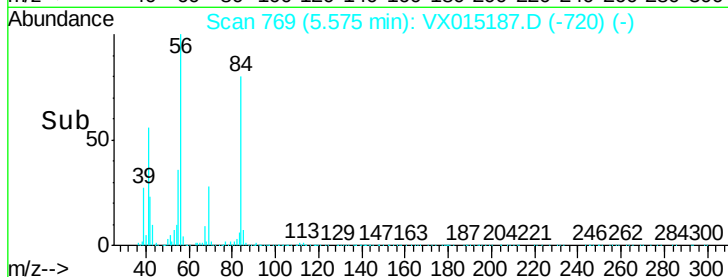
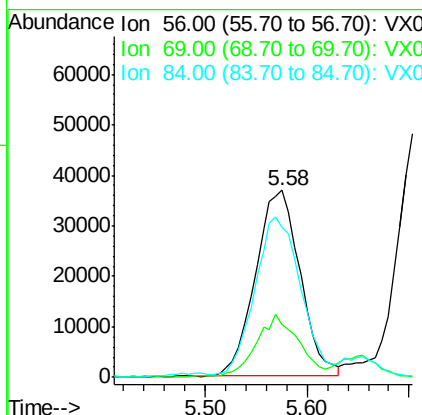
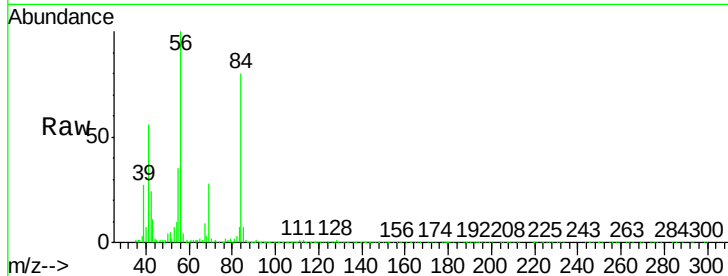
#31
Cyclohexane
Concen: 18.75 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.1	25.0	37.6
84	78.3	67.6	101.4

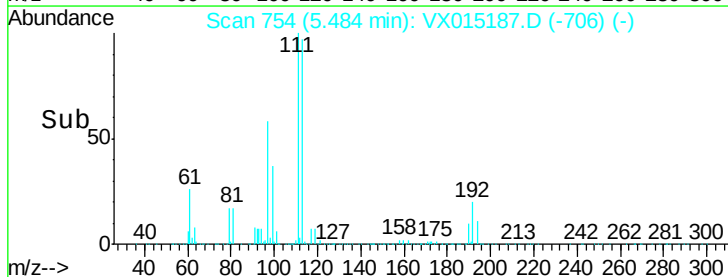
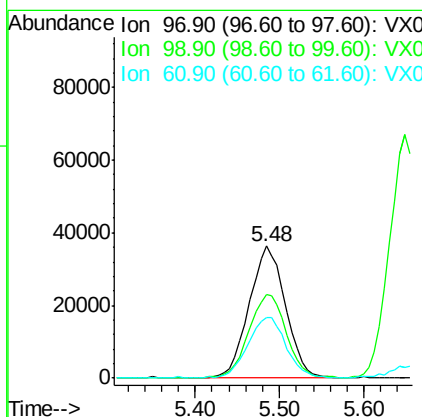
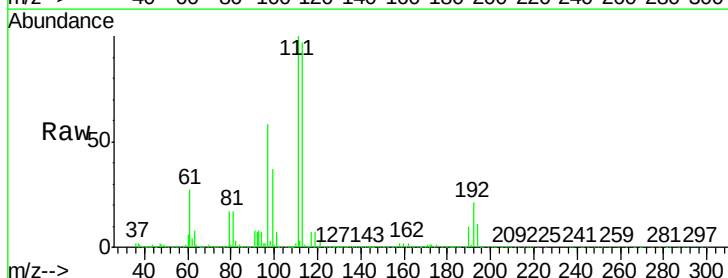
Manual Integrations
APPROVED

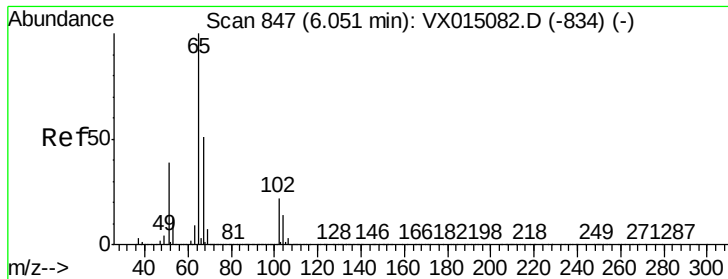
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3/12/2020 2:50:48 PM



#32
1,1,1-Trichloroethane
Concen: 19.78 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.8	79.2
61	48.6	36.6	54.8





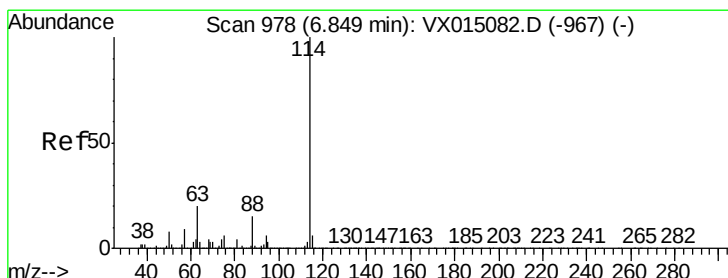
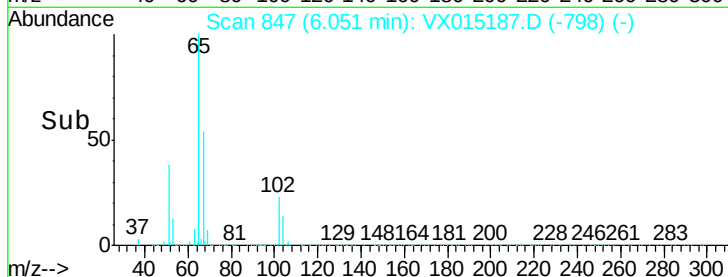
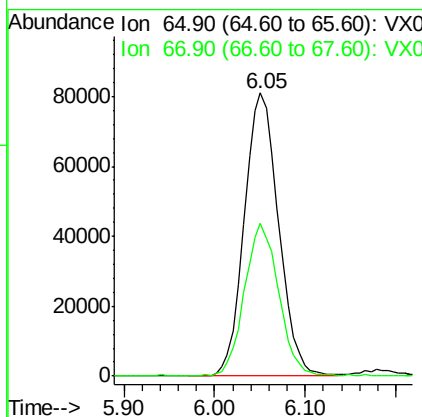
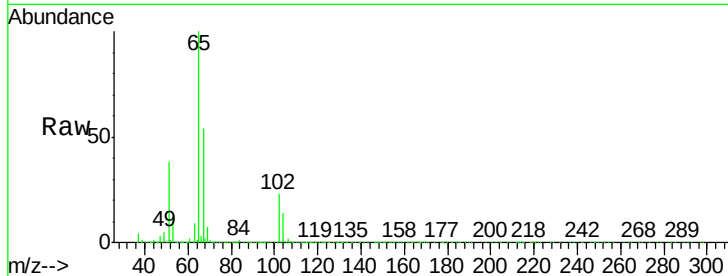
#33
 1,2-Dichloroethane-d4
 Concen: 49.96 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	211181		
67	53.5	0.0	105.6	

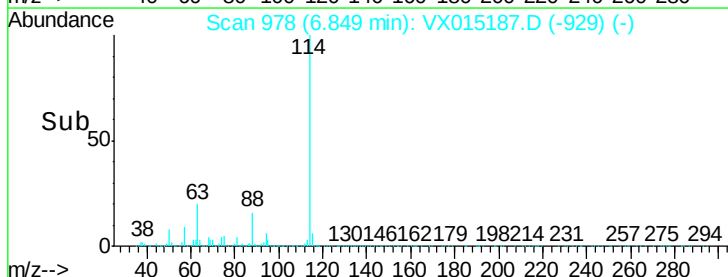
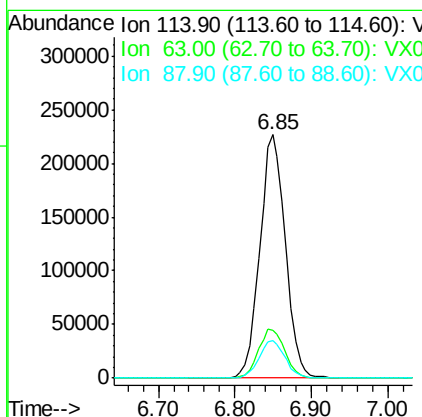
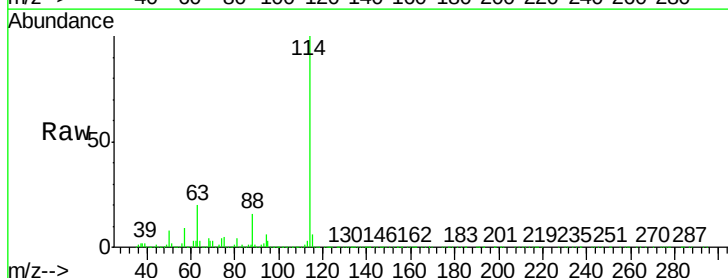
Manual Integrations
 APPROVED

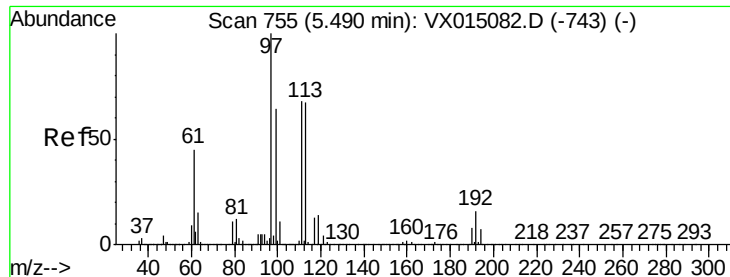
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	527305		
63	19.6	0.0	40.0	
88	15.5	0.0	30.6	





#35

Dibromofluoromethane

Concen: 52.63 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

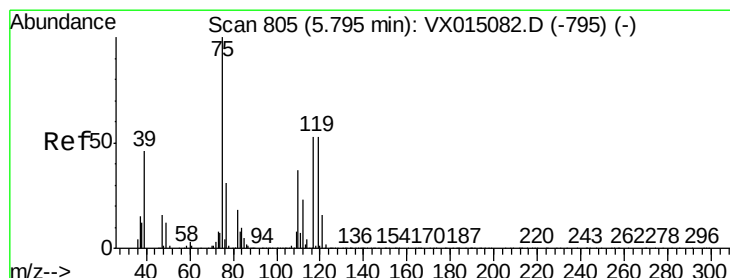
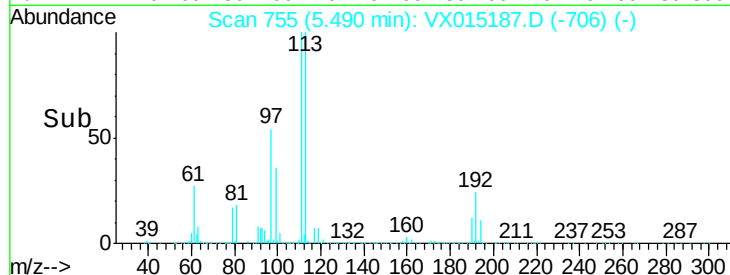
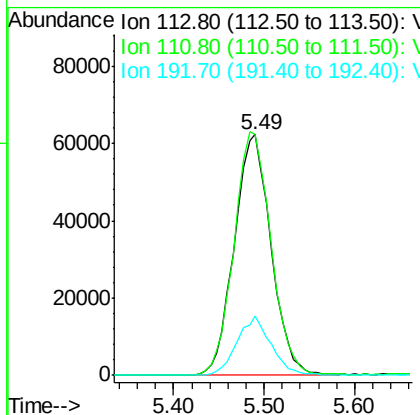
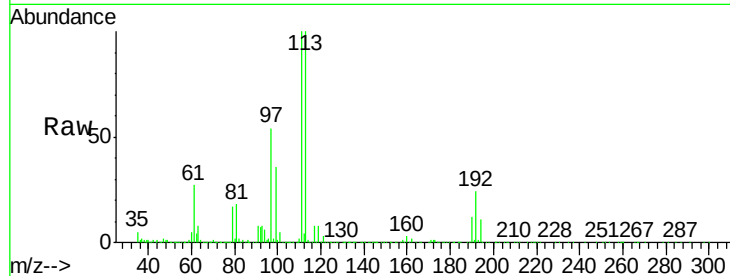
ClientSampleId :

VX0311WBS01

Tgt Ion:	113	Resp:	175092
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.6	123.8
192	23.0	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.86 ug/l

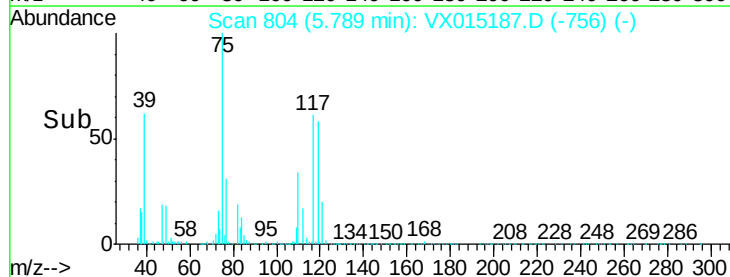
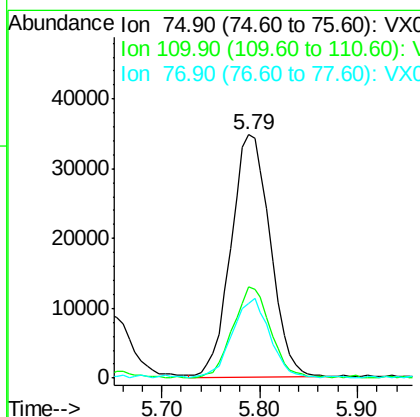
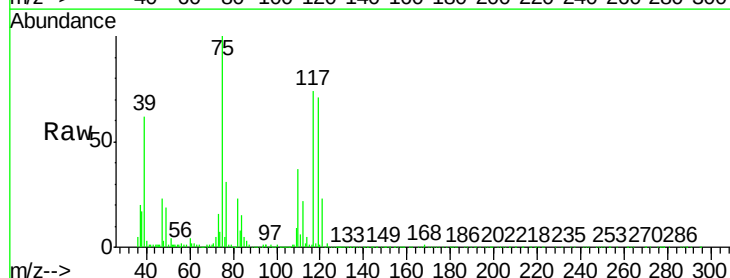
RT: 5.79 min Scan# 804

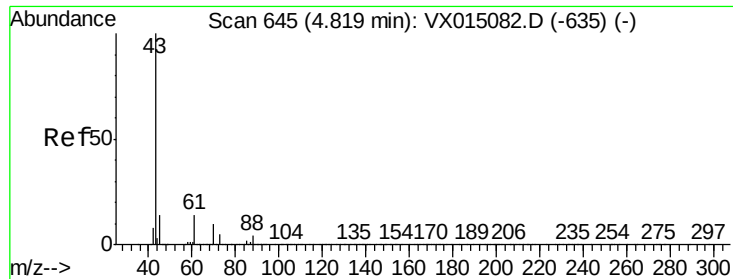
Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion:	75	Resp:	96832
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.9	53.8
77	30.7	24.8	37.2





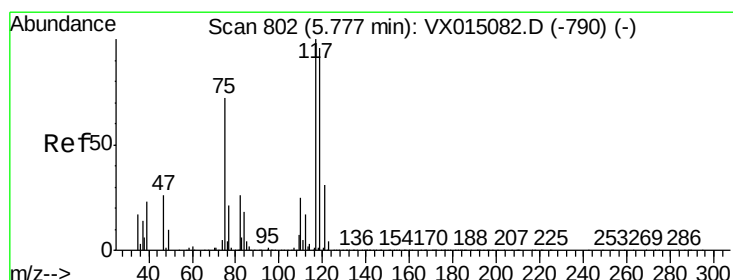
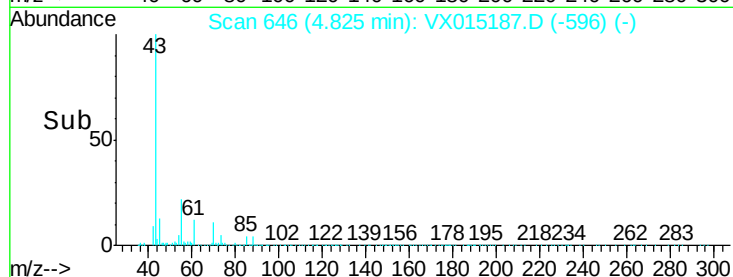
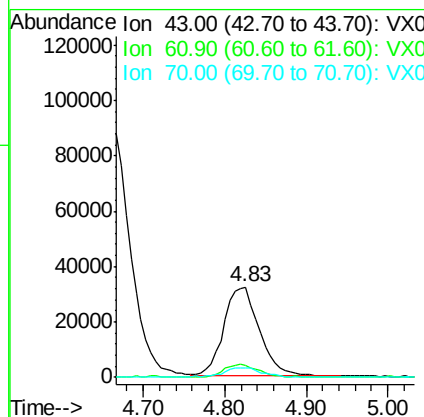
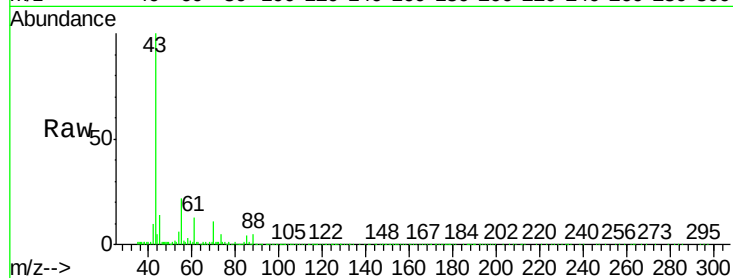
#37
Ethyl Acetate
Concen: 21.68 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion:	43	Resp:	98023
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.0	16.4
70	10.7	8.1	12.1

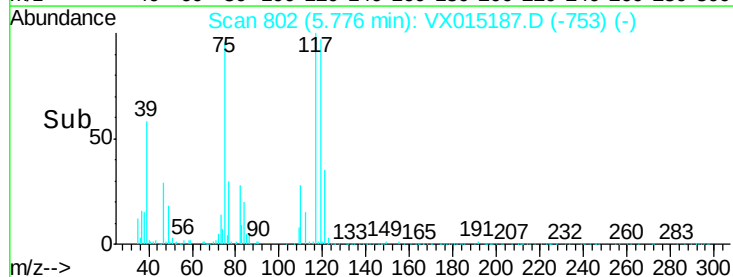
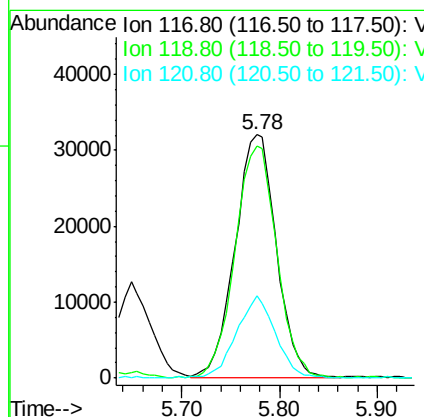
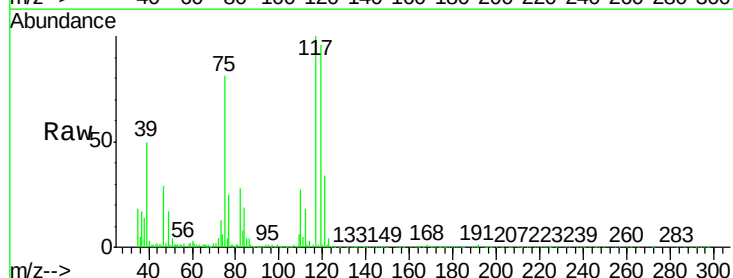
Manual Integrations
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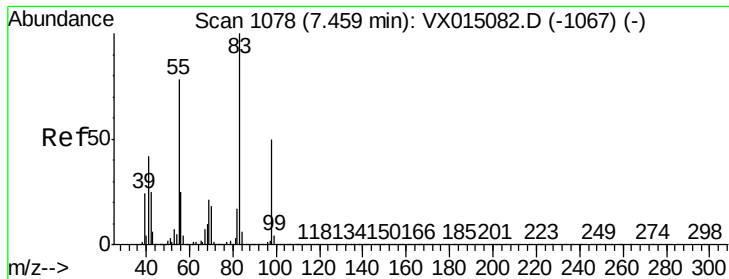
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3/12/2020 2:50:48 PM



#38
Carbon Tetrachloride
Concen: 20.23 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion:	117	Resp:	93086
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.9	115.3
121	34.1	24.6	37.0





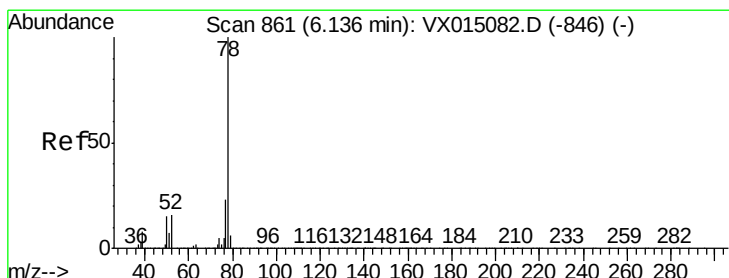
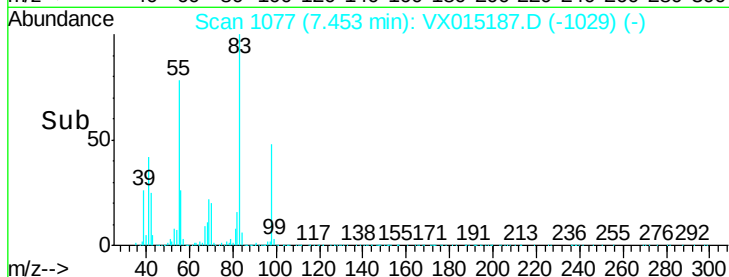
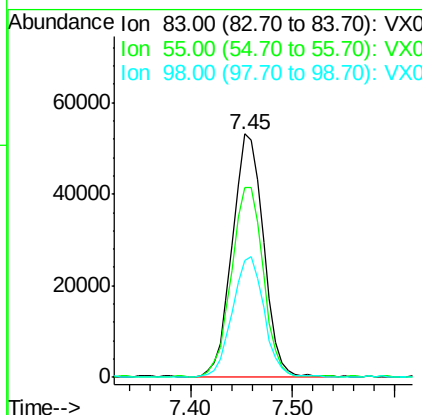
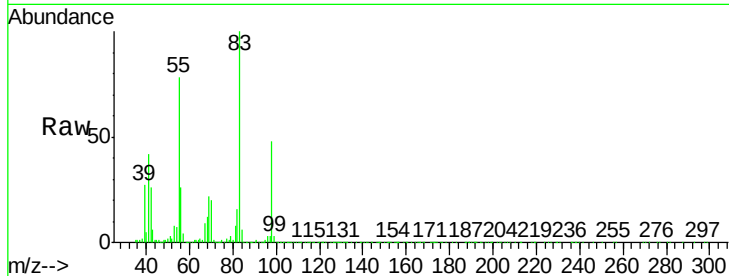
#39
Methylcyclohexane
Concen: 19.77 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	83	Resp	112524
Ion Ratio	Lower	Upper	
83	100		
55	78.0	62.4	93.6
98	48.1	39.7	59.5

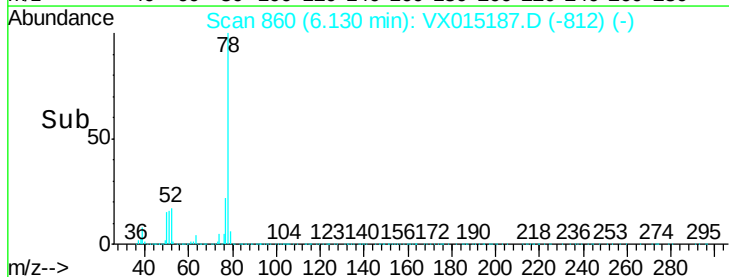
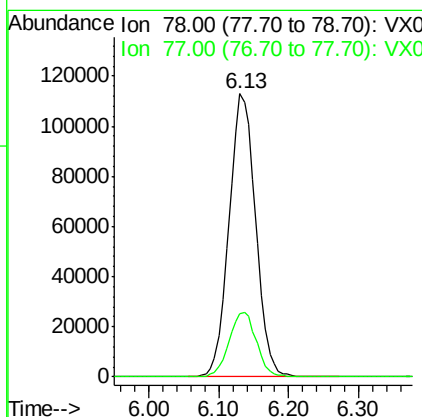
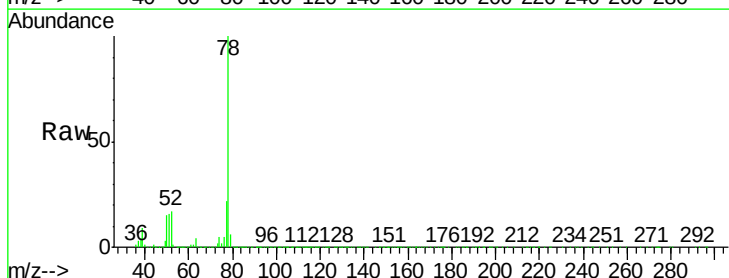
Manual Integrations
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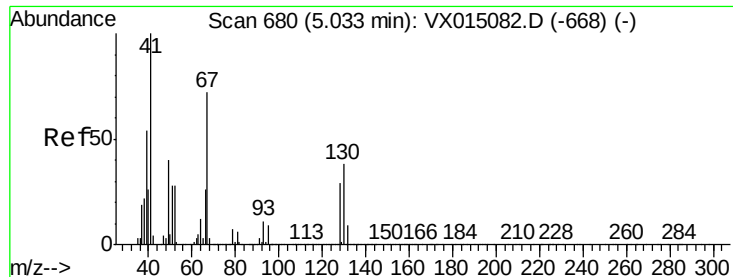
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3/12/2020 2:50:48 PM



#40
Benzene
Concen: 20.52 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	78	Resp	296723
Ion Ratio	Lower	Upper	
78	100		
77	22.3	18.6	28.0





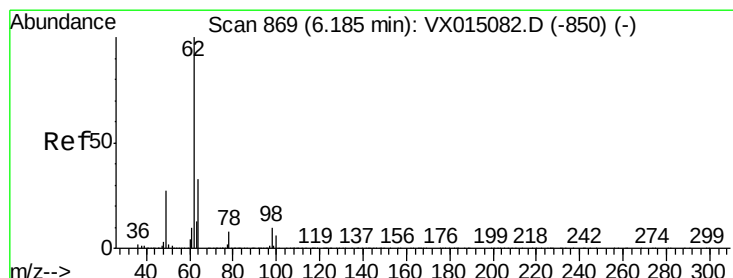
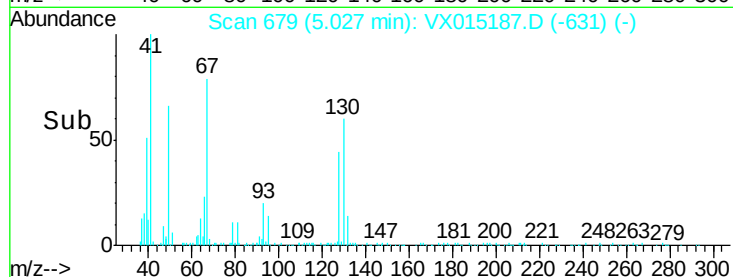
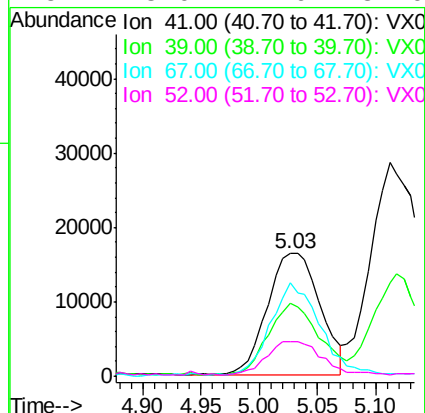
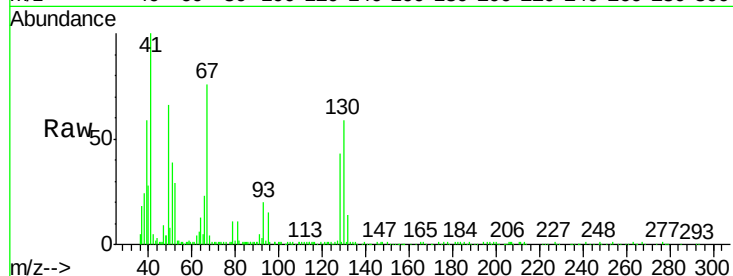
#41
Methacrylonitrile
Concen: 18.97 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.8	43.9	65.9
67	71.7	57.8	86.8
52	28.0	22.6	34.0

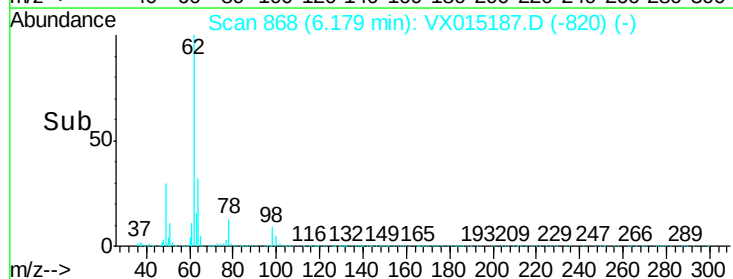
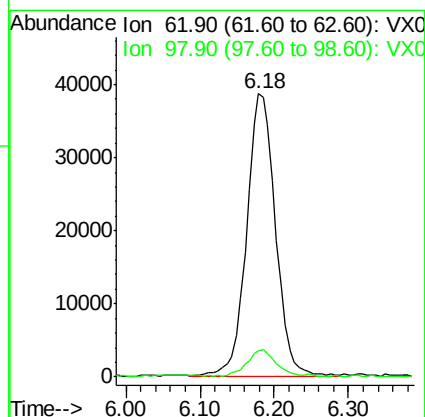
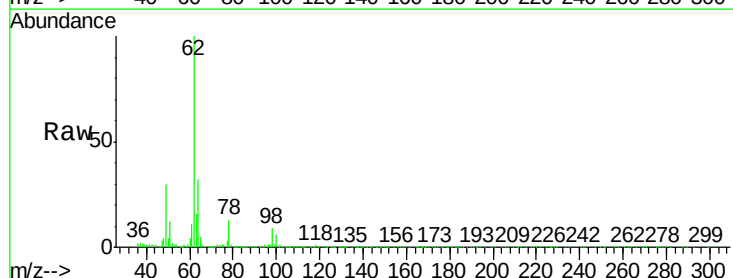
Manual Integrations
APPROVED

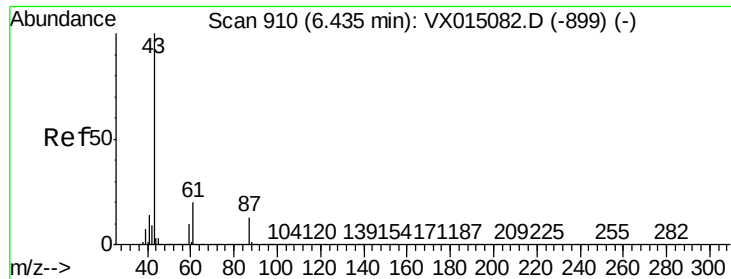
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3/12/2020 2:50:48 PM



#42
1,2-Dichloroethane
Concen: 21.06 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.6





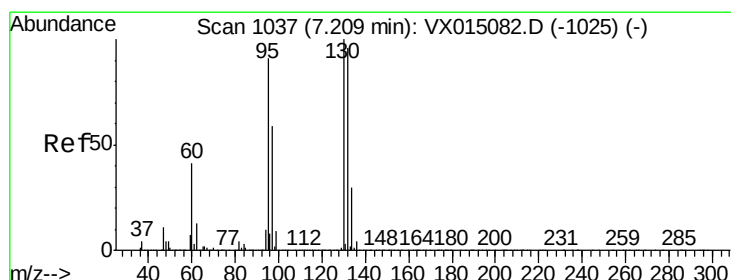
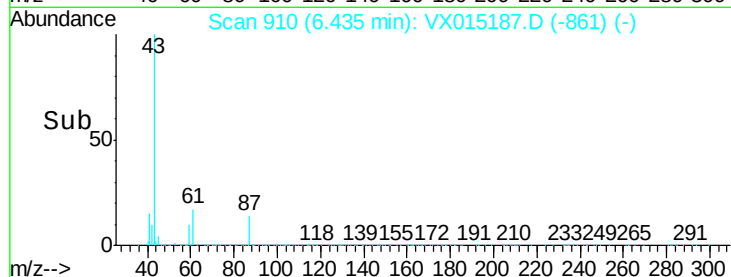
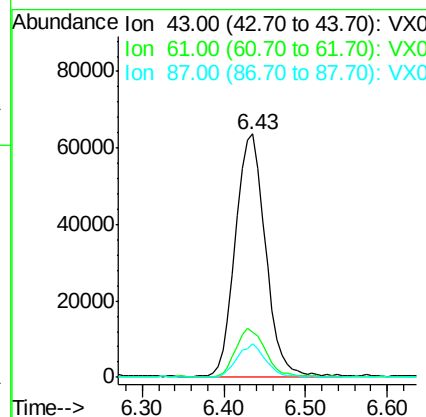
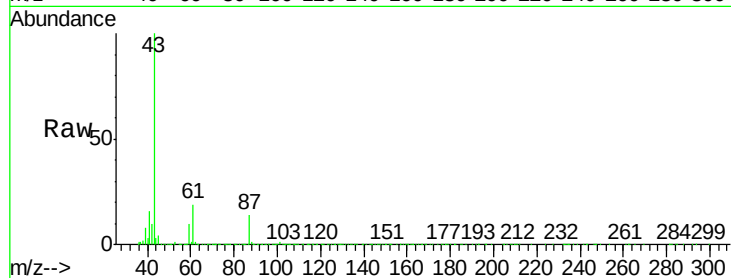
#43
Isopropyl Acetate
Concen: 20.22 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.1	24.1
87	12.6	10.6	16.0

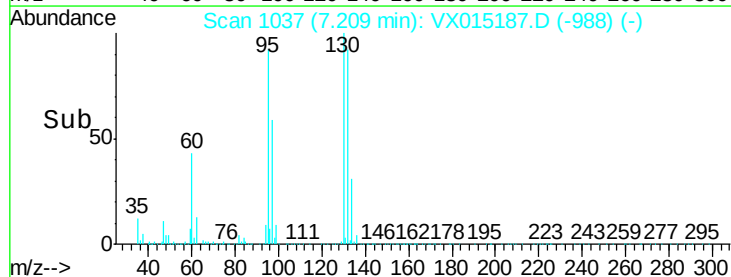
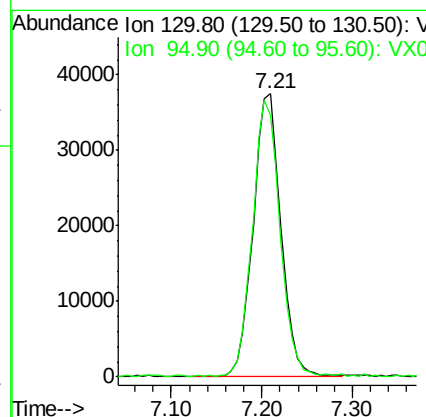
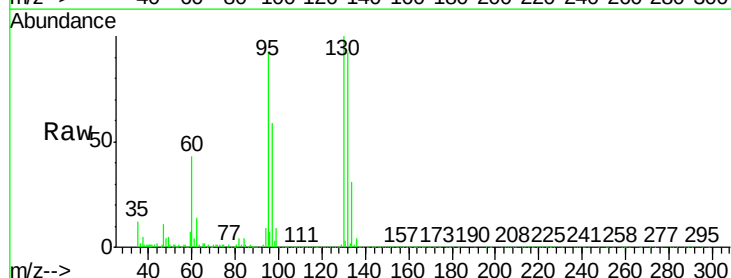
Manual Integrations
APPROVED

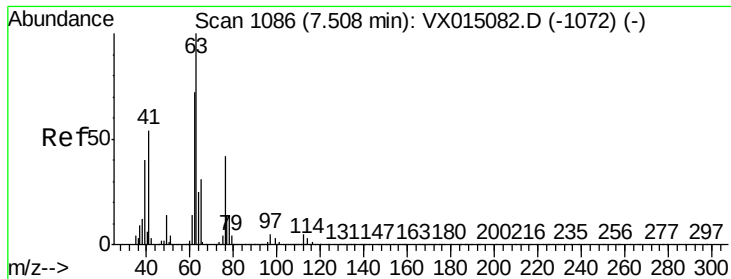
MMDadoda
3/12/2020 2:50:48 PM



#44
Trichloroethene
Concen: 19.83 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	181.2





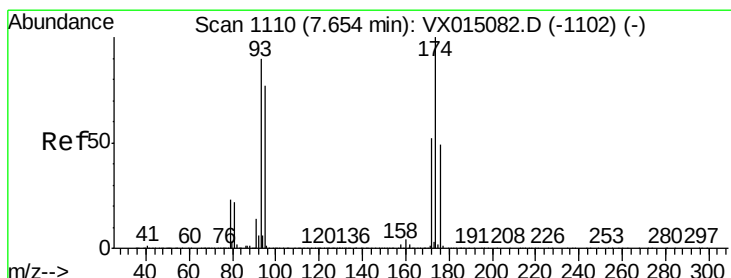
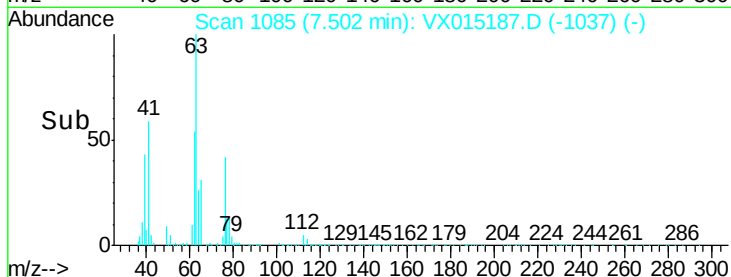
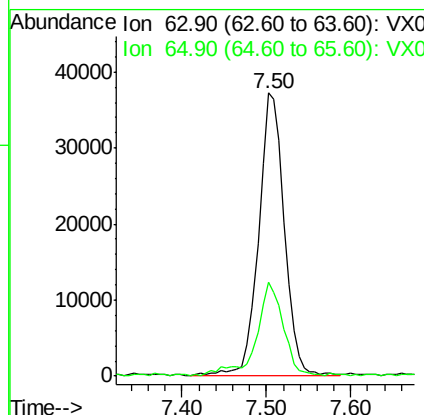
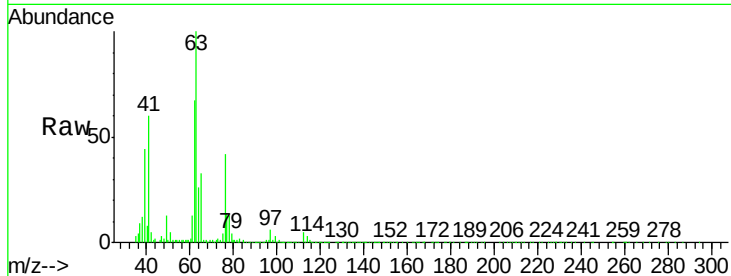
#45
1,2-Dichloropropane
Concen: 20.91 ug/l
RT: 7.50 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.6	24.6	36.8

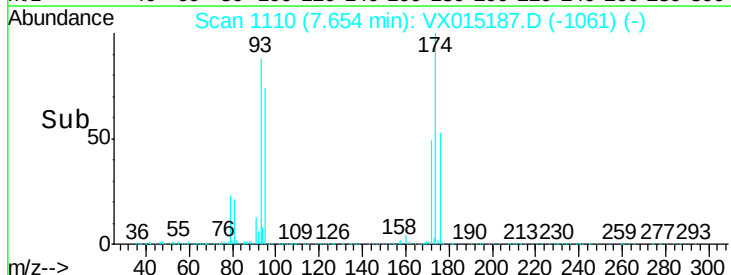
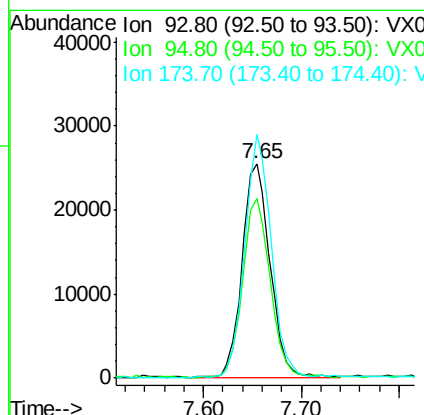
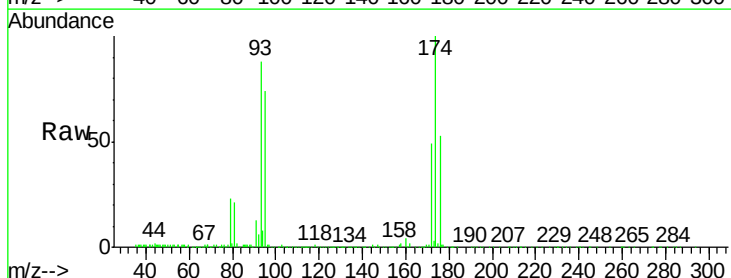
Manual Integrations
APPROVED

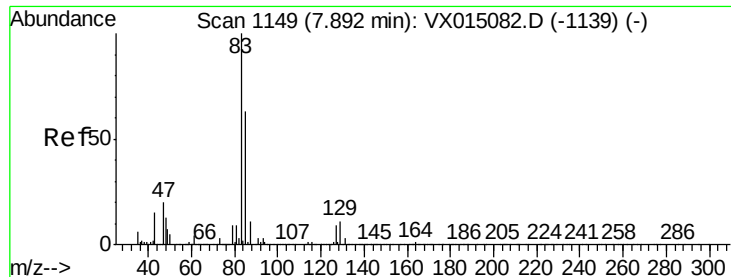
MMDadoda
3/12/2020 2:50:48 PM



#46
Dibromomethane
Concen: 20.91 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	67.8	101.8
174	105.9	91.0	136.4





#47

Bromodichloromethane

Concen: 20.51 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

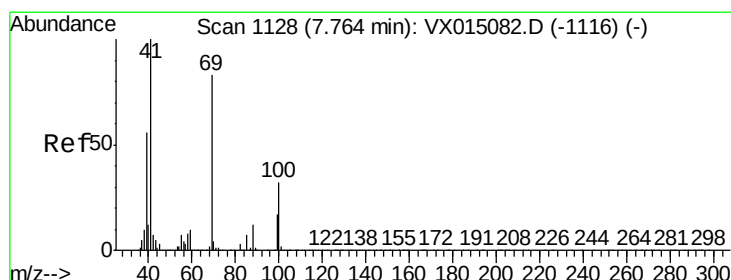
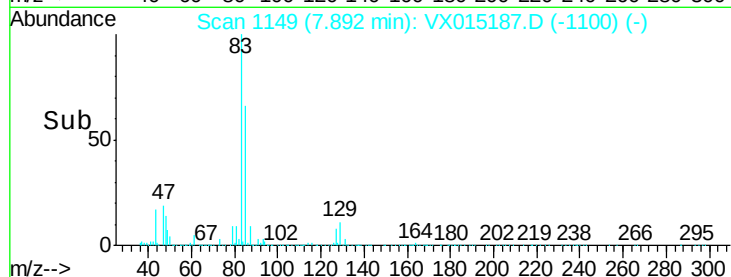
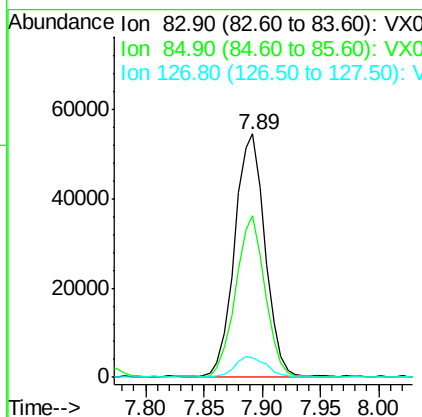
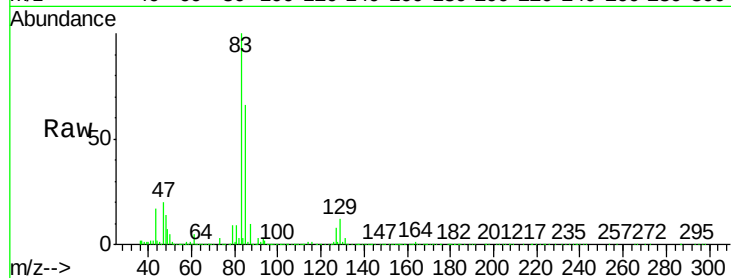
ClientSampleId :

VX0311WBS01

Tgt Ion:	83	Resp:	98928
Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.6	75.8
127	7.8	7.1	10.7

Manual Integrations
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MMDadoda
3/12/2020 2:50:48 PM



#48

Methyl methacrylate

Concen: 19.52 ug/l

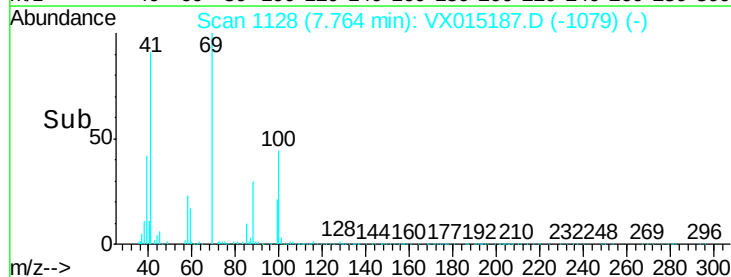
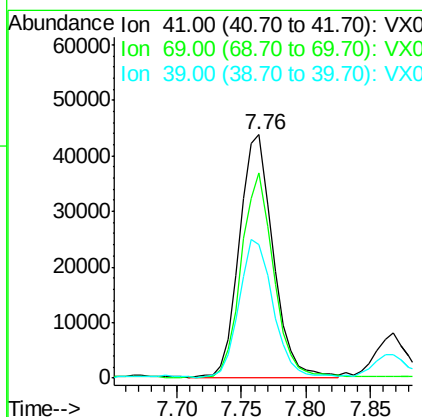
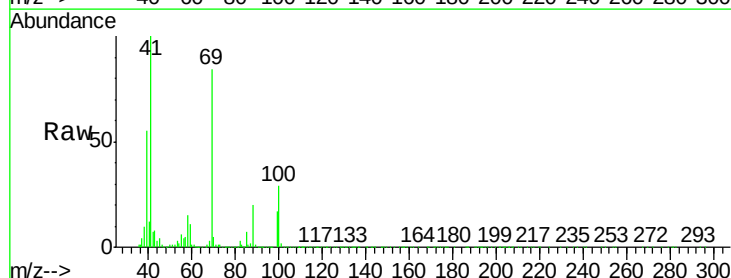
RT: 7.76 min Scan# 1128

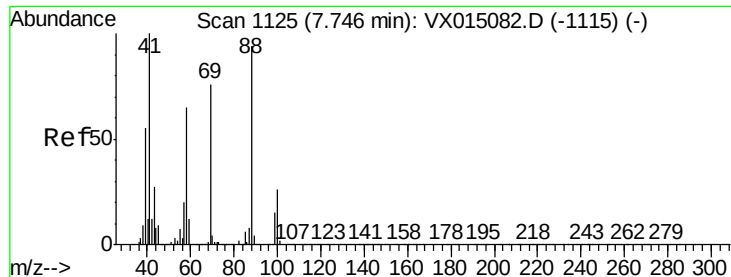
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion:	41	Resp:	79022
Ion	Ratio	Lower	Upper
41	100		
69	81.0	65.4	98.2
39	58.5	44.6	67.0





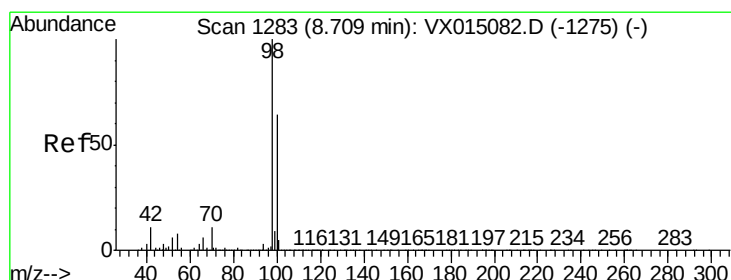
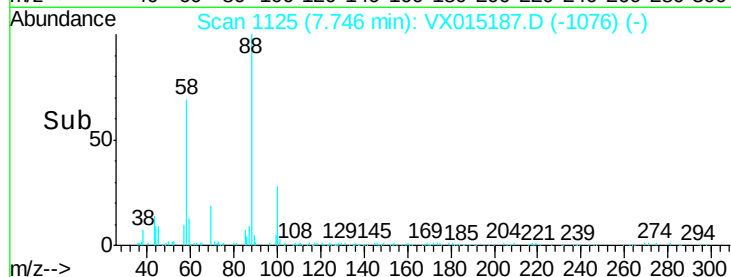
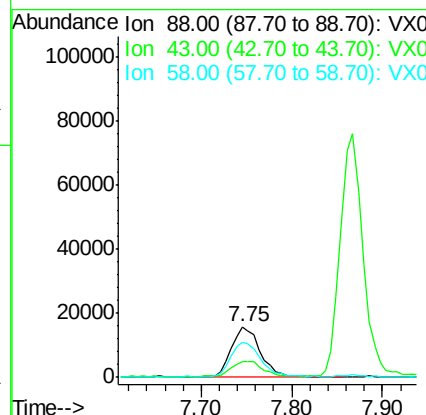
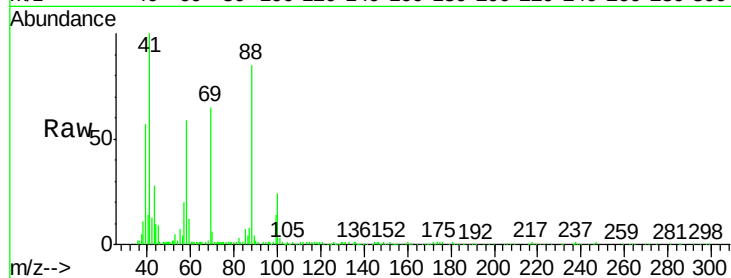
#49
1,4-Dioxane
Concen: 400.35 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.8	27.0	40.4
58	69.9	55.6	83.4

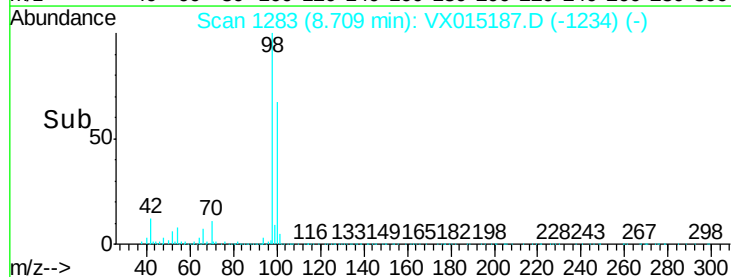
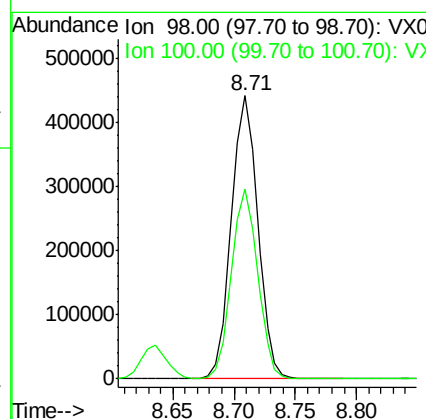
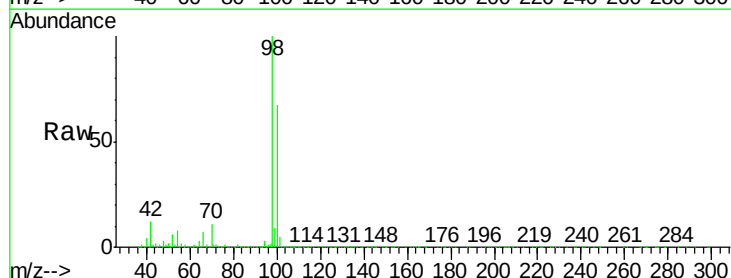
Manual Integrations
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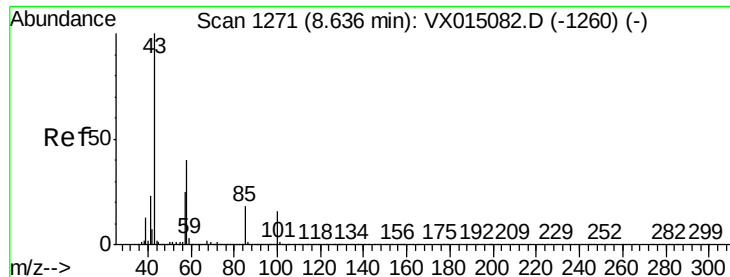
MMDadoda
3/12/2020 2:50:48 PM



#50
Toluene-d8
Concen: 52.28 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6





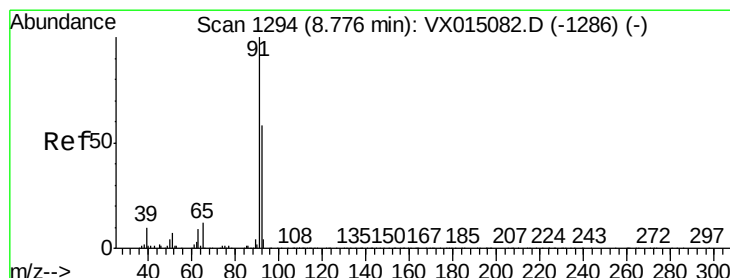
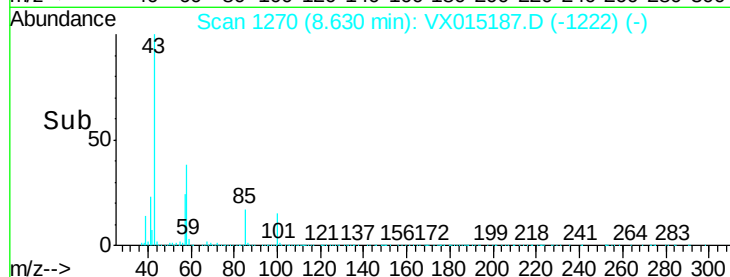
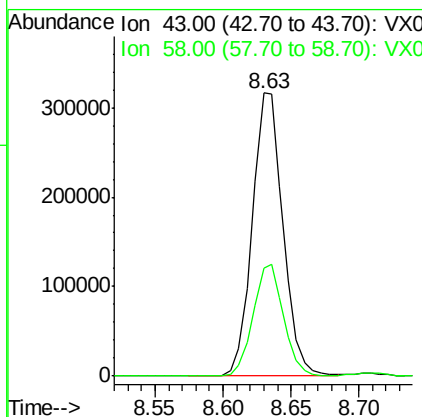
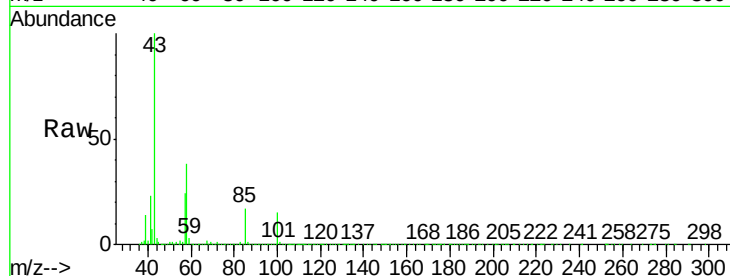
#51
4-Methyl-2-Pentanone
Concen: 106.38 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.6	47.4

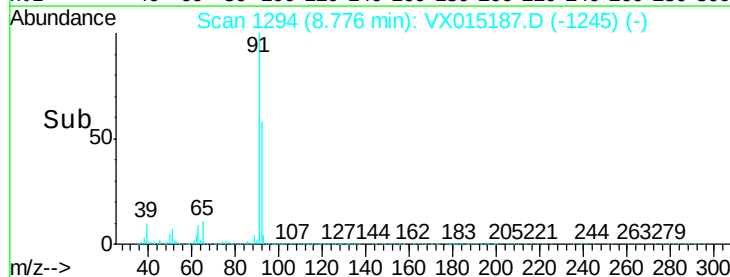
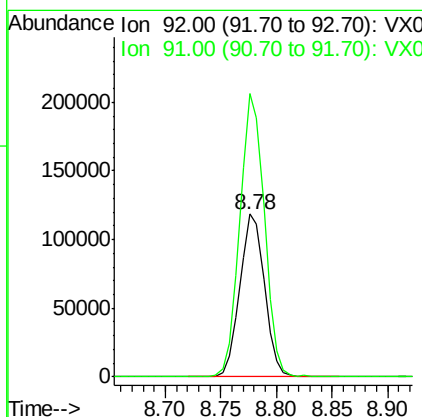
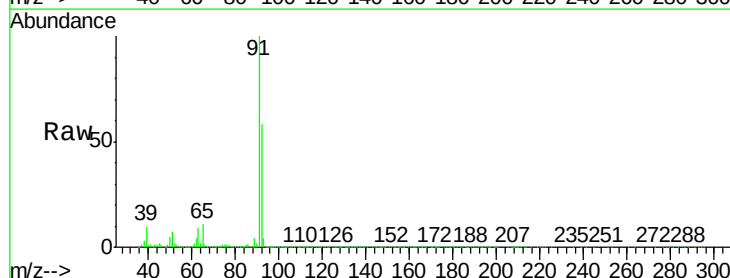
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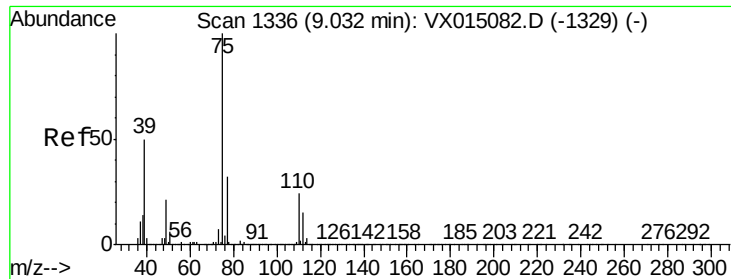
MMDadoda
3/12/2020 2:50:48 PM



#52
Toluene
Concen: 20.75 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.2	136.9	205.3





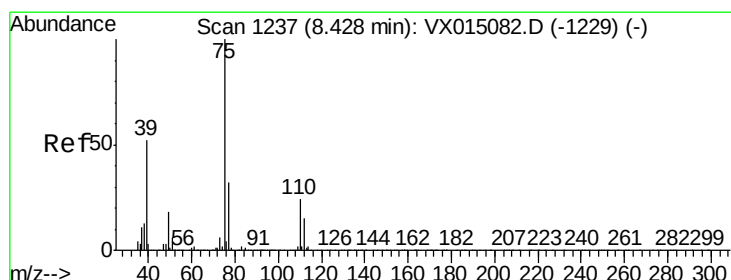
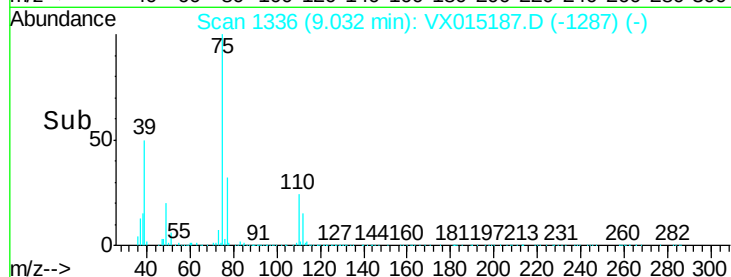
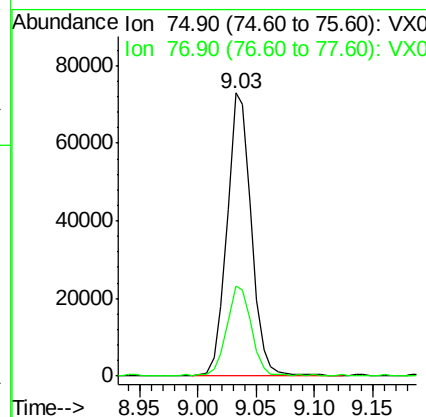
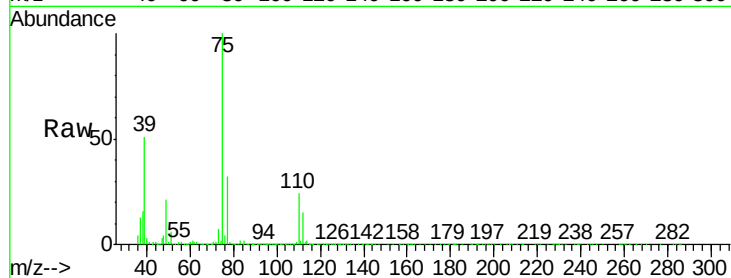
#53
t-1,3-Dichloropropene
Concen: 20.35 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0

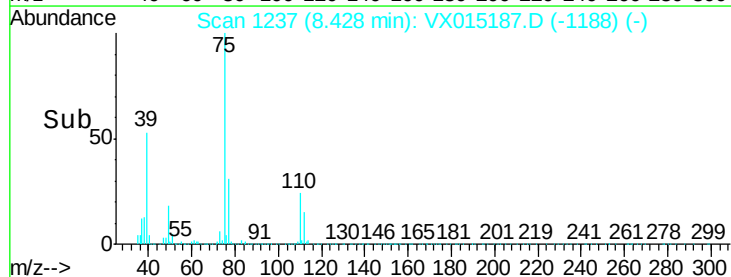
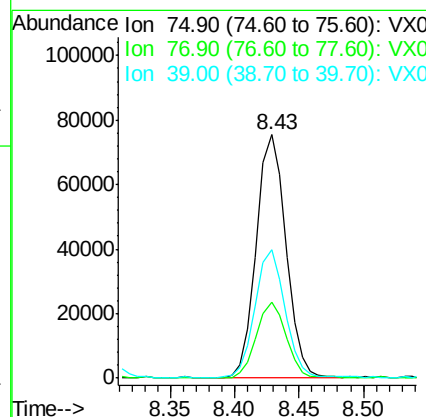
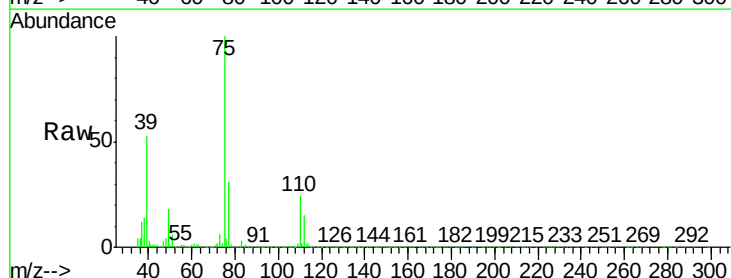
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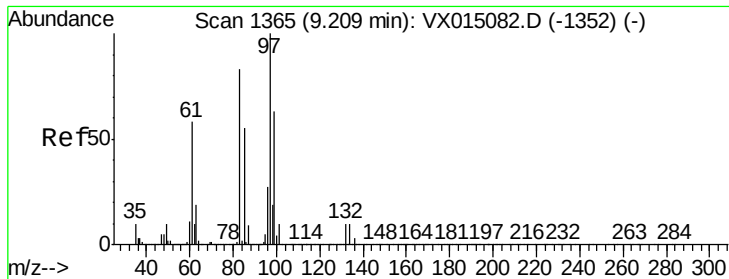
MMDadoda
3/12/2020 2:50:48 PM



#54
cis-1,3-Dichloropropene
Concen: 20.79 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6
39	52.4	41.3	61.9





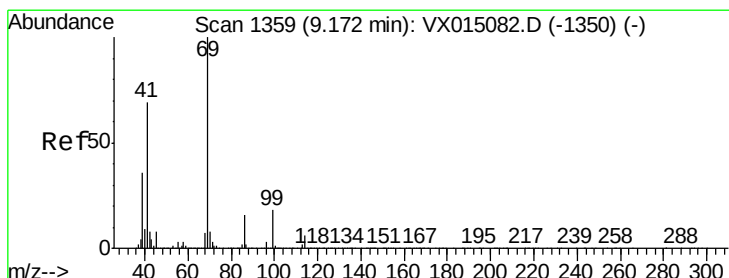
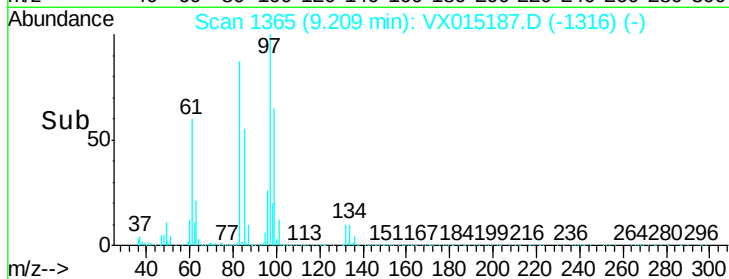
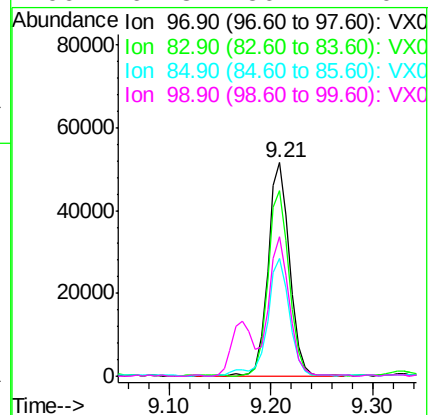
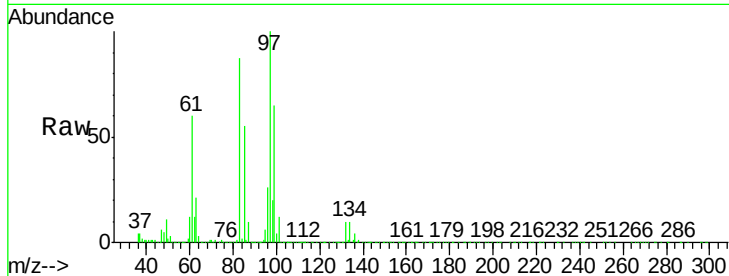
#55
 1,1,2-Trichloroethane
 Concen: 20.83 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
97	100		
83	86.8	66.4	99.6
85	55.1	43.5	65.3
99	64.8	50.7	76.1

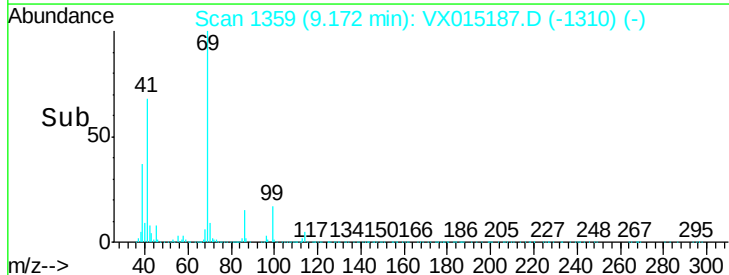
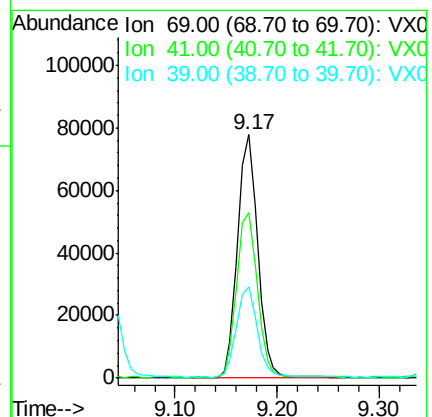
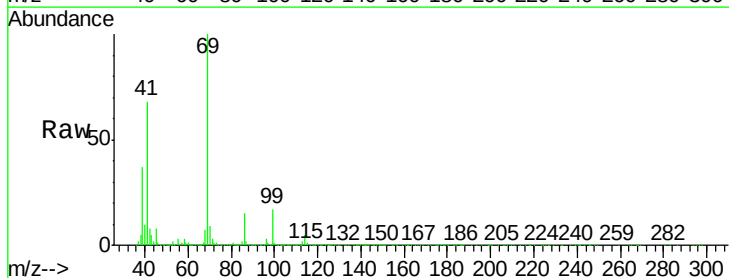
Manual Integrations
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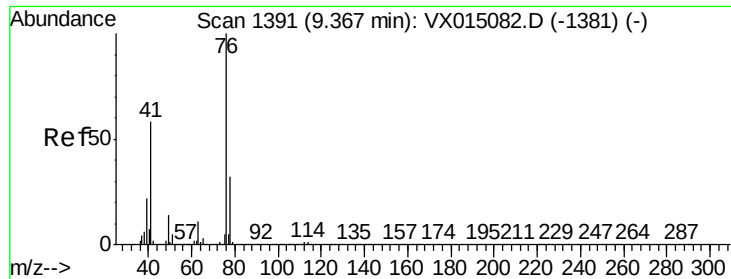
MMDadoda
 3/12/2020 2:50:48 PM



#56
 Ethyl methacrylate
 Concen: 20.54 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
69	100		
41	69.0	55.8	83.8
39	37.9	29.4	44.2





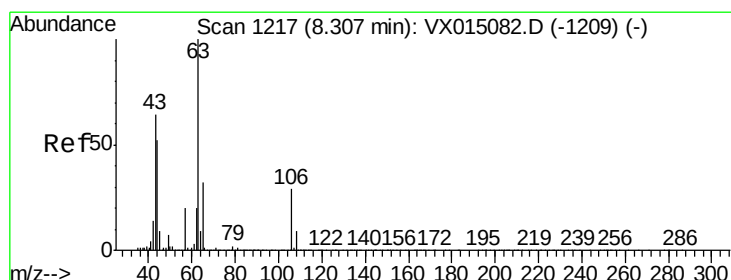
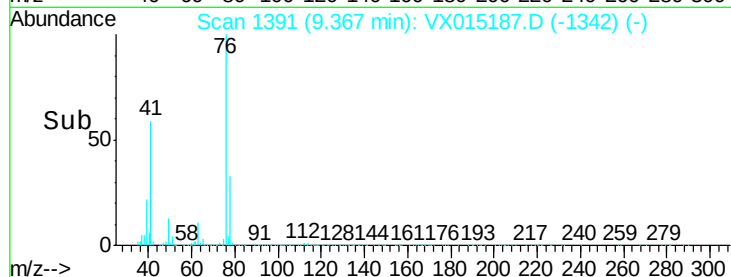
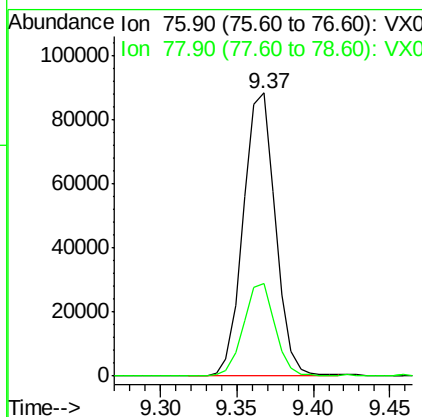
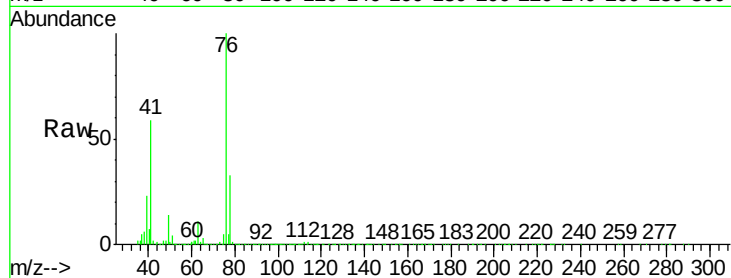
#57
 1,3-Dichloropropane
 Concen: 21.00 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Tgt Ion: 76 Resp: 128566
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.6 38.4

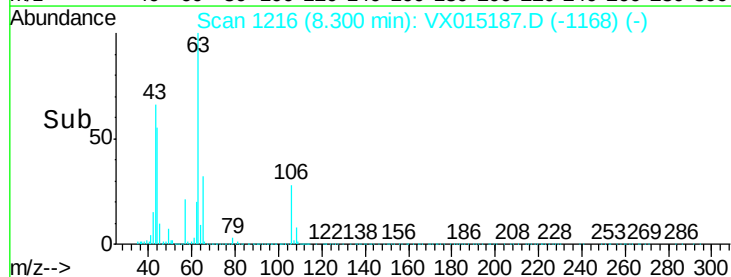
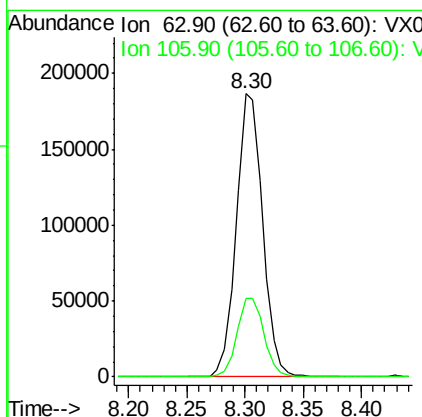
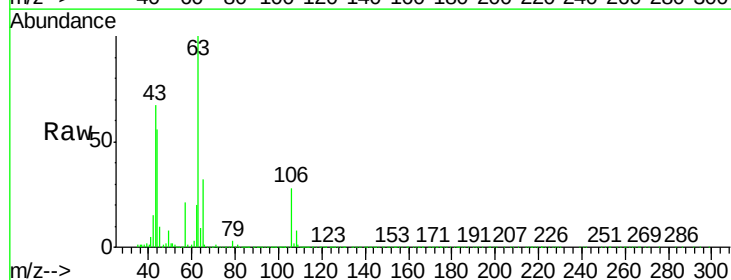
Manual Integrations
 APPROVED

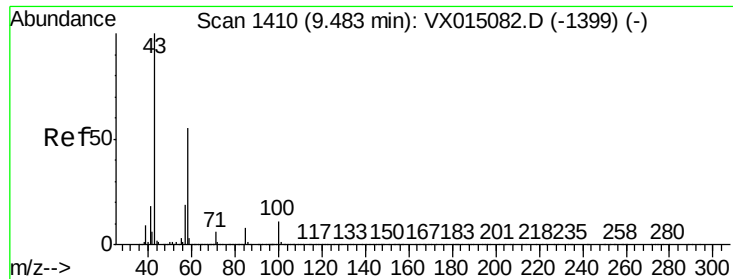
MMDadoda
 3/12/2020 2:50:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.26 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion: 63 Resp: 294863
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.8 34.2





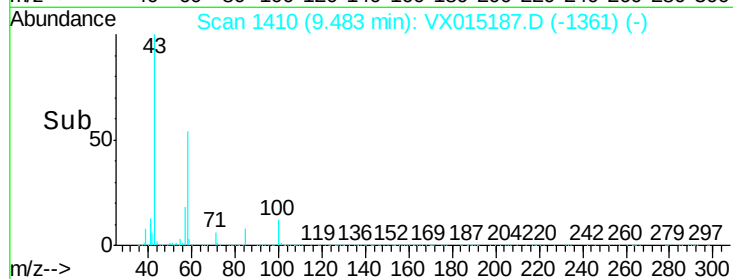
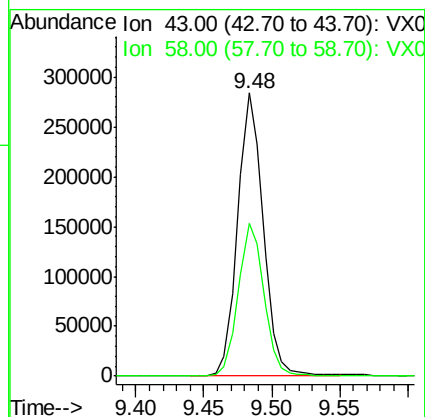
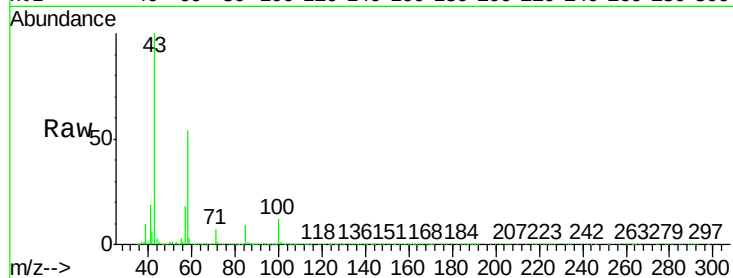
#59
2-Hexanone
Concen: 106.76 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 43 Resp: 372165
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.8

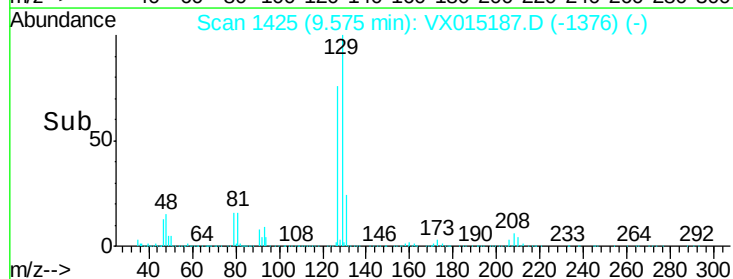
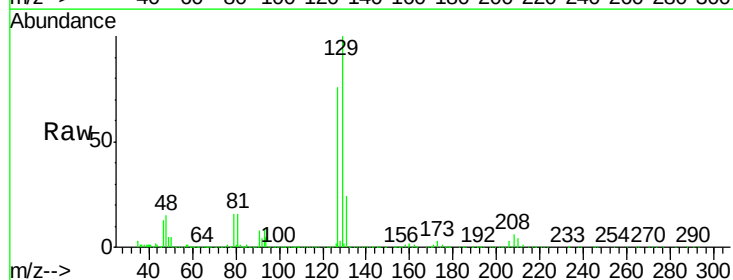
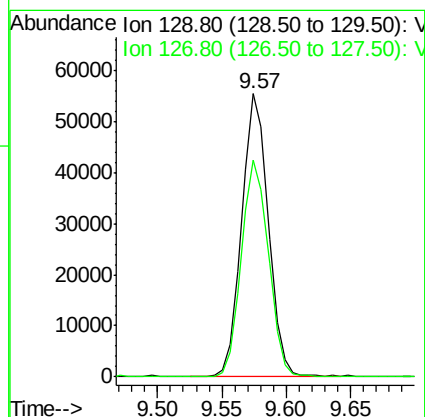
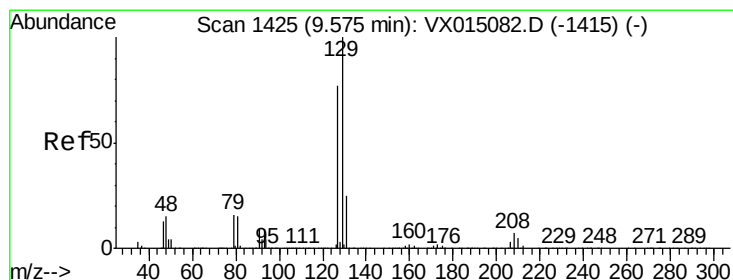
Manual Integrations
APPROVED

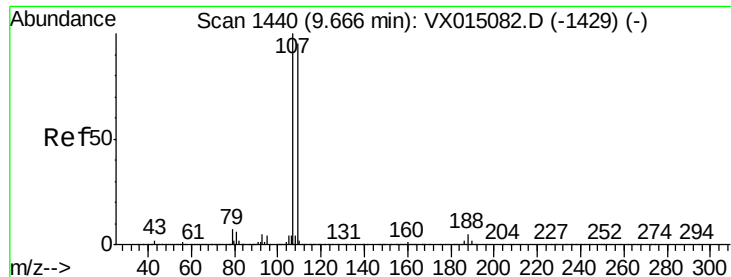
MMDadoda
3/12/2020 2:50:48 PM



#60
Dibromochloromethane
Concen: 20.76 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 129 Resp: 79376
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.30 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion: 107 Resp: 77598

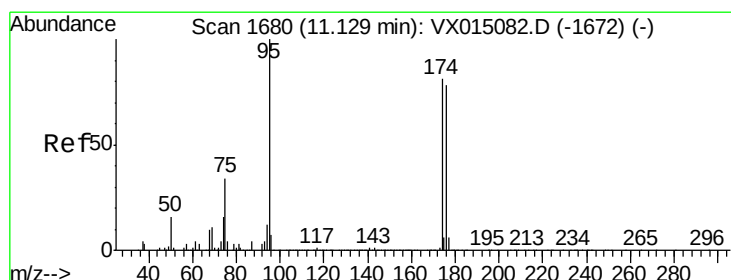
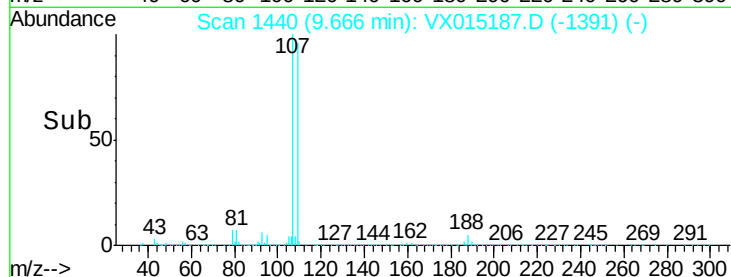
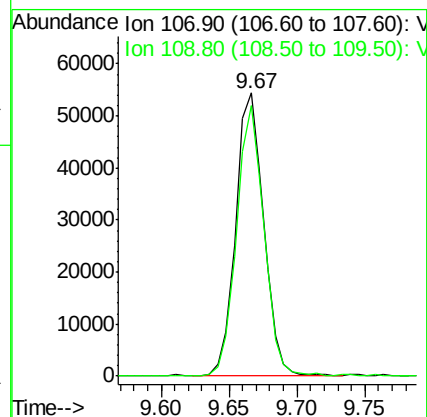
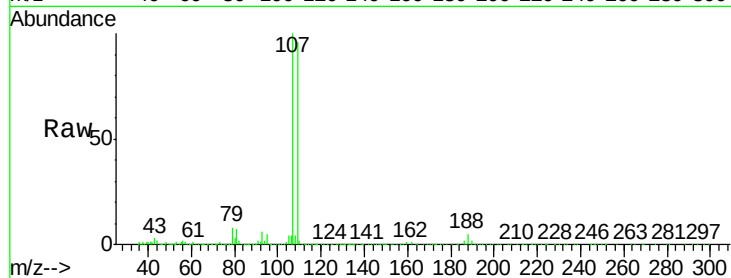
Ion Ratio Lower Upper

107 100

109 93.0 75.6 113.4

Manual Integrations
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3/12/2020 2:50:48 PM



#62

4-Bromofluorobenzene

Concen: 52.92 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

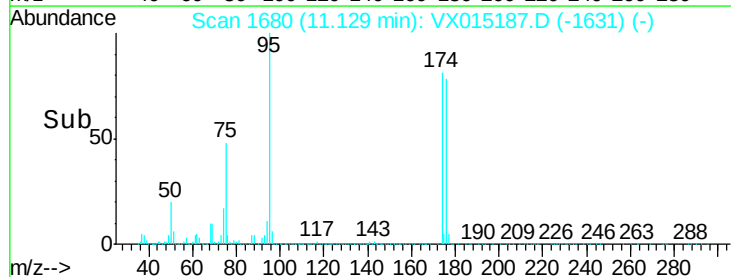
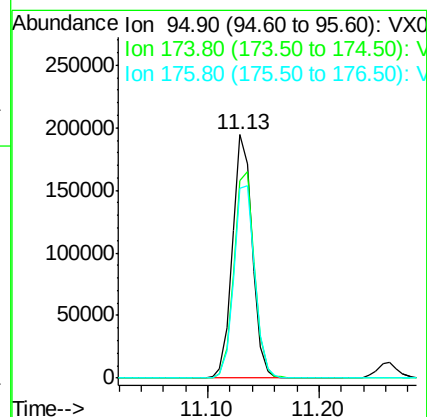
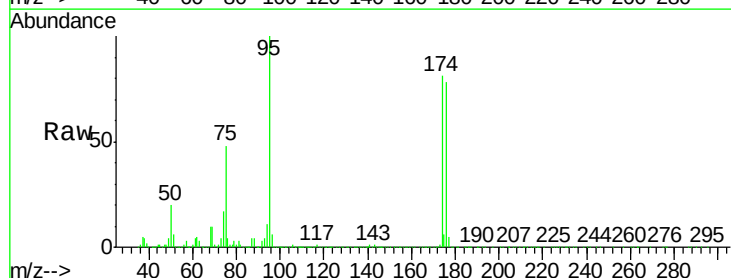
Tgt Ion: 95 Resp: 238866

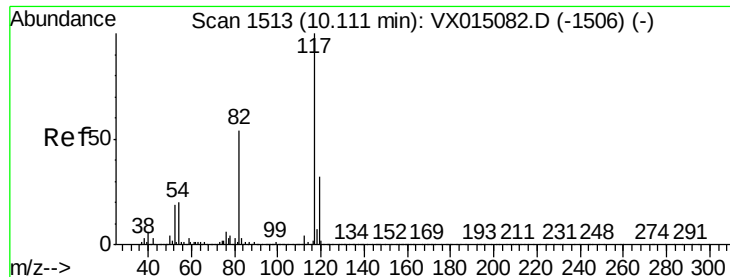
Ion Ratio Lower Upper

95 100

174 87.8 0.0 177.6

176 83.8 0.0 170.2





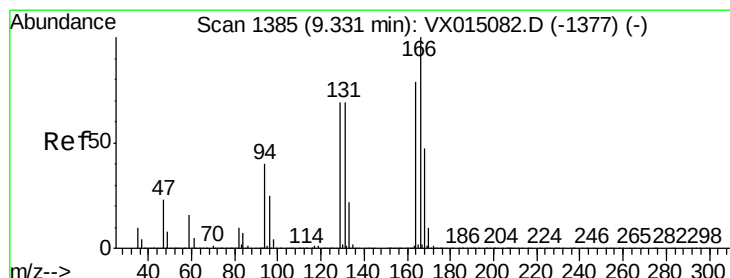
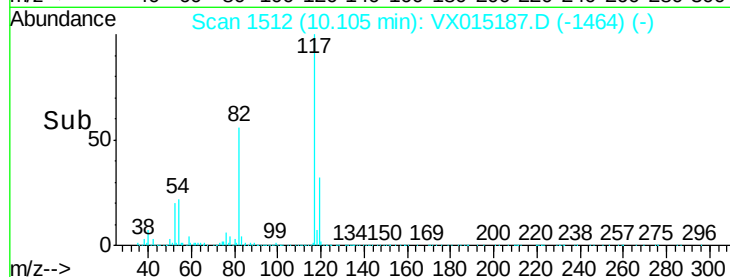
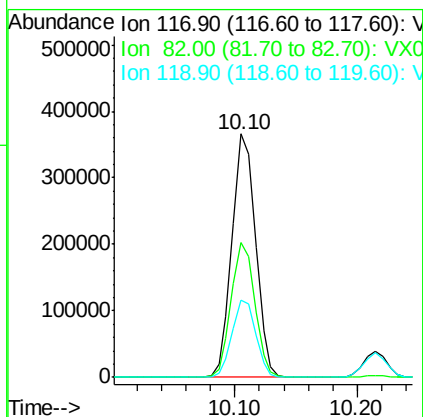
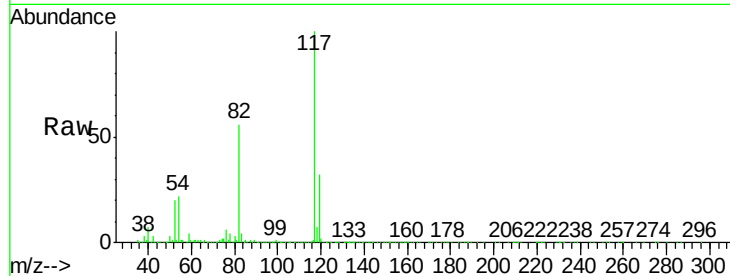
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.6	43.3	64.9
119	31.6	25.8	38.8

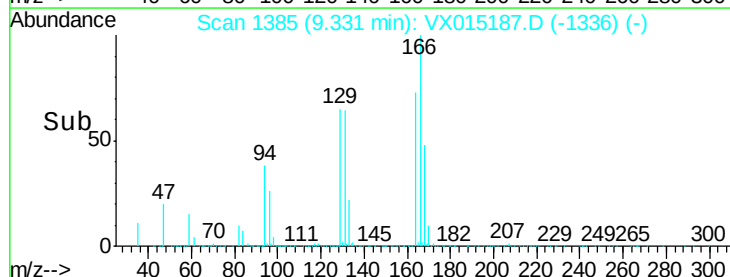
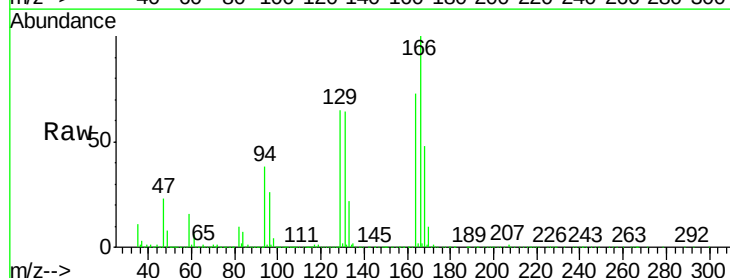
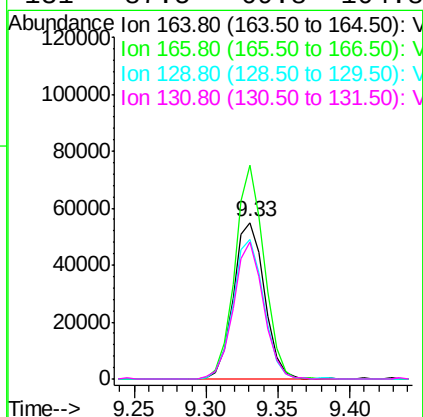
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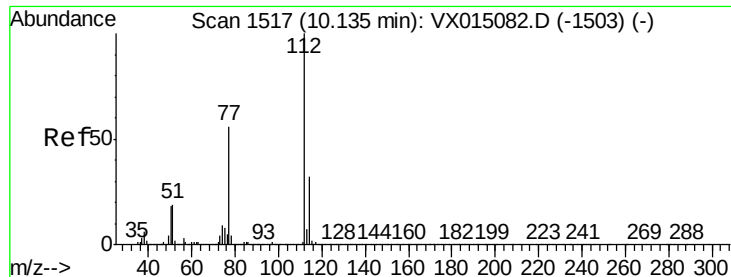
MMDadoda
3/12/2020 2:50:48 PM



#64
Tetrachloroethene
Concen: 20.32 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	136.8	101.1	151.7
129	89.2	69.4	104.0
131	87.5	69.8	104.8





#65

Chlorobenzene

Concen: 20.27 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion:112 Resp: 198422

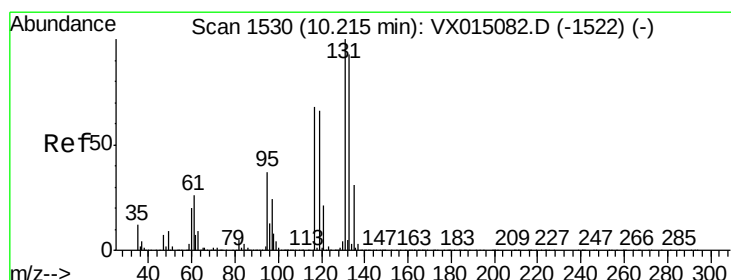
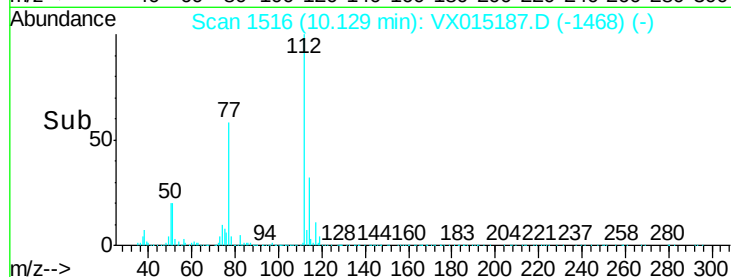
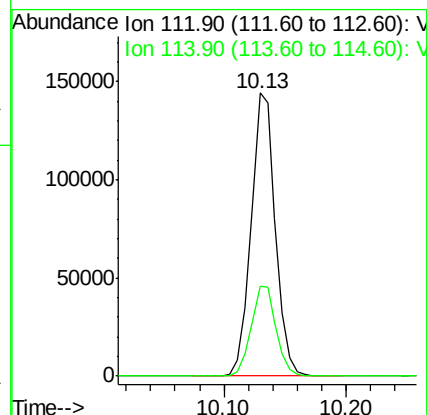
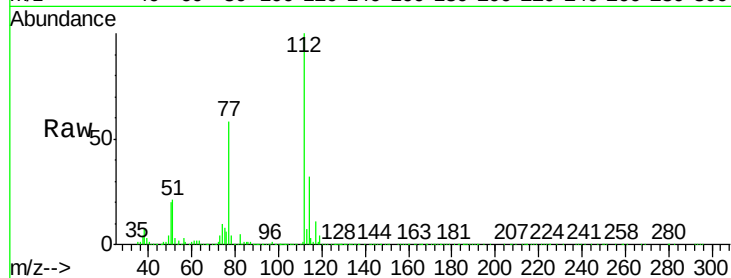
Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3

Manual Integrations
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3/12/2020 2:50:48 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.42 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

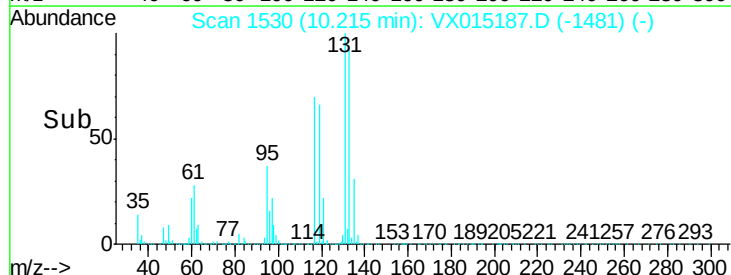
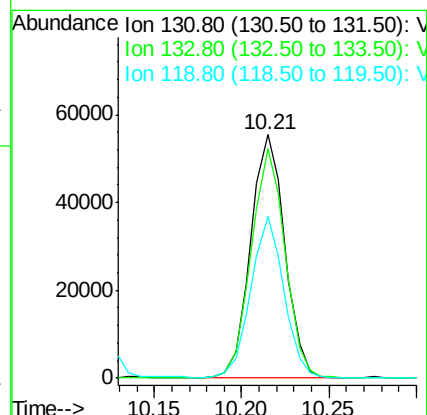
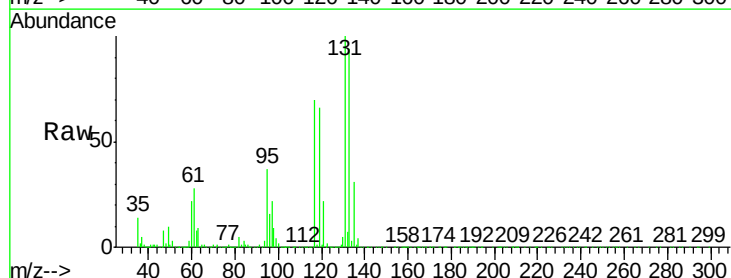
Tgt Ion:131 Resp: 75370

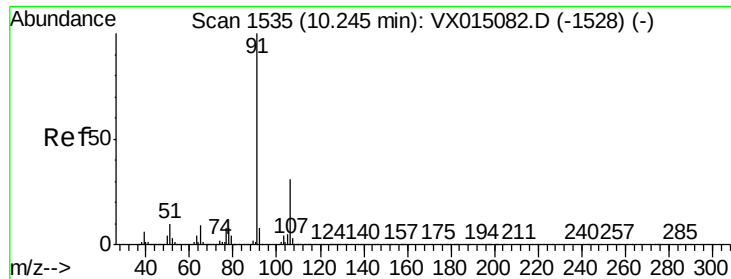
Ion Ratio Lower Upper

131 100

133 93.9 47.5 142.5

119 64.2 33.4 100.1





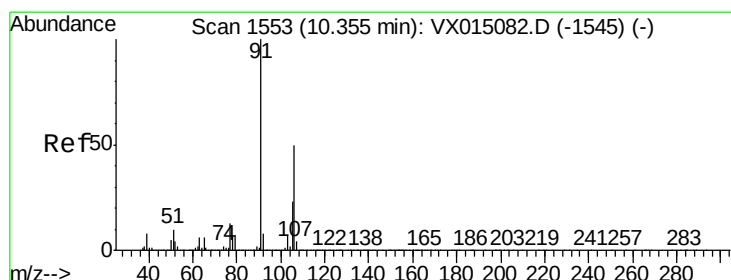
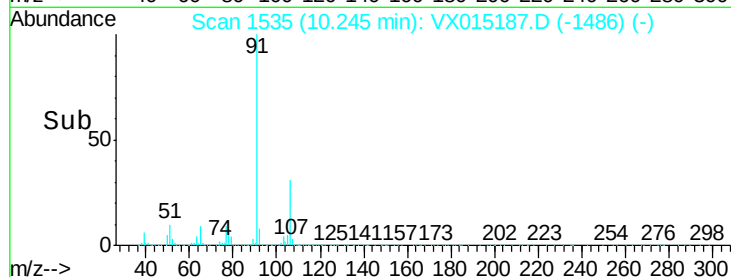
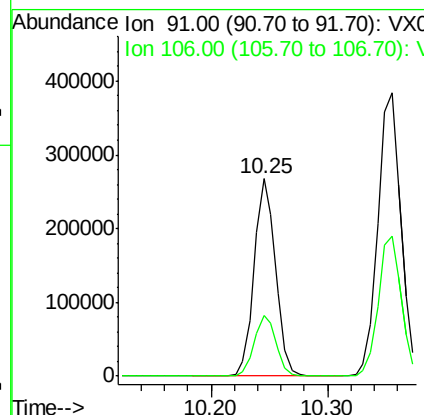
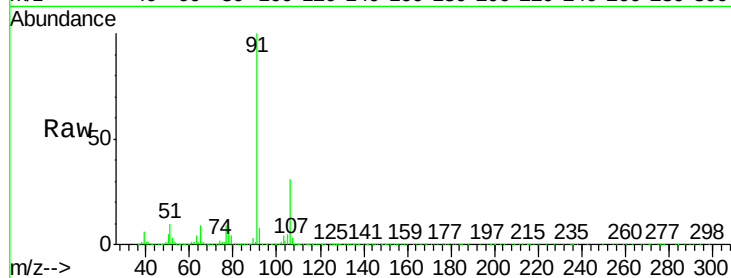
#67
Ethyl Benzene
Concen: 20.64 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampled :
VX0311WBS01

Tgt Ion: 91 Resp: 343052
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

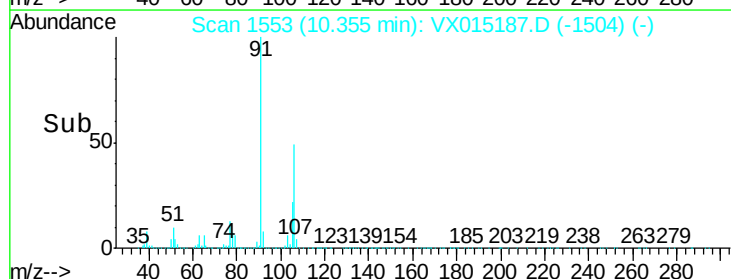
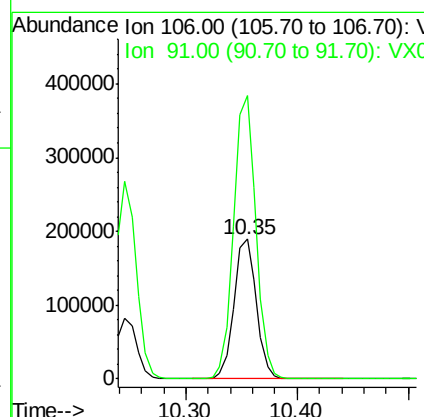
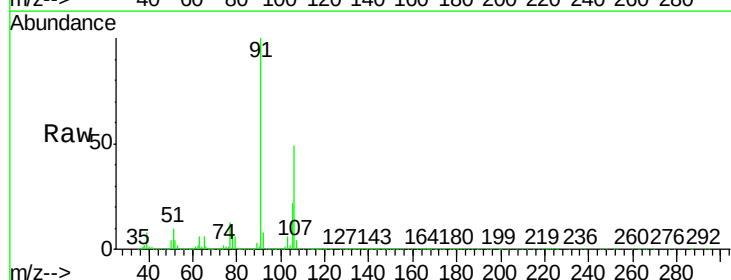
Manual Integrations
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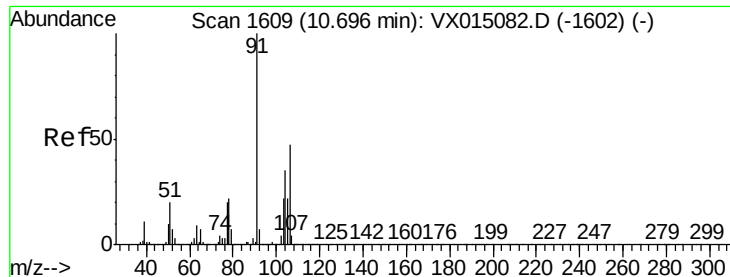
MMDadoda
3/12/2020 2:50:48 PM



#68
m/p-Xylenes
Concen: 41.34 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 106 Resp: 261417
Ion Ratio Lower Upper
106 100
91 202.5 159.4 239.2





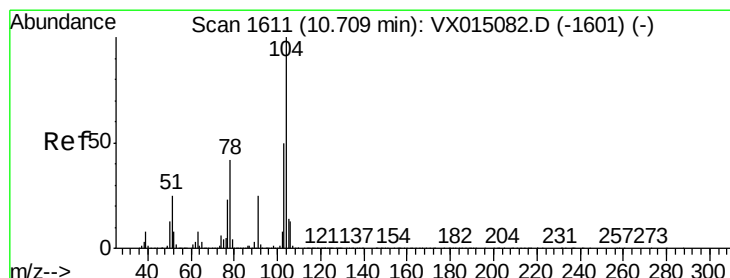
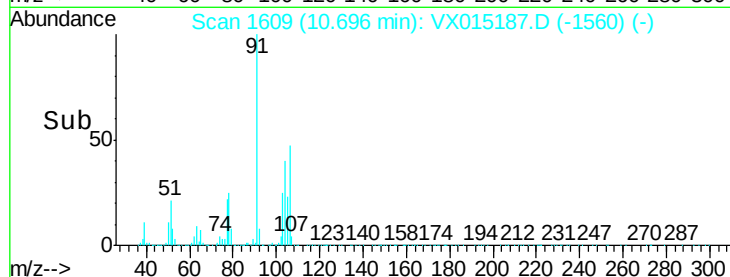
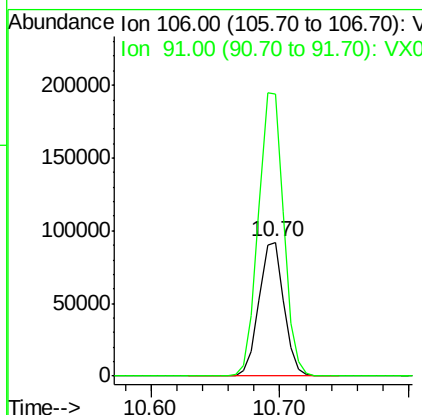
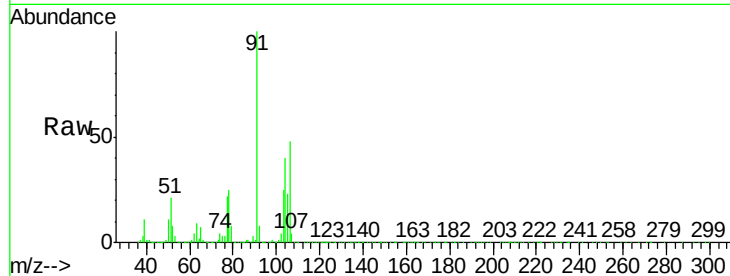
#69
o-Xylene
Concen: 20.26 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	122635		
91	213.7	105.4	316.1	

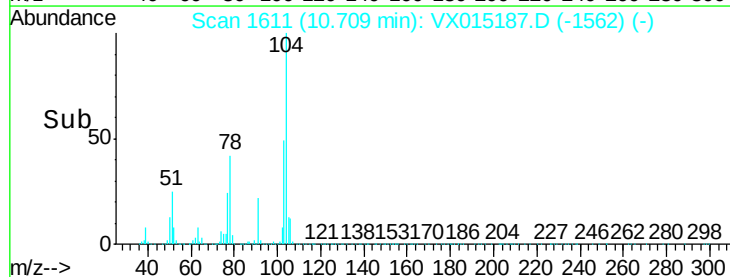
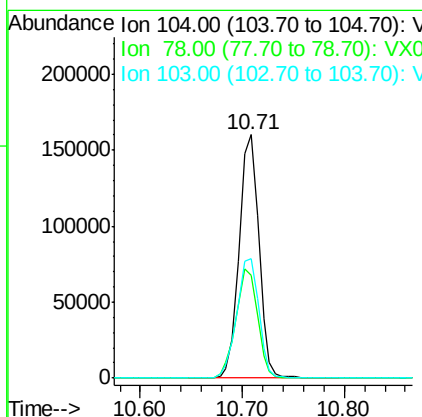
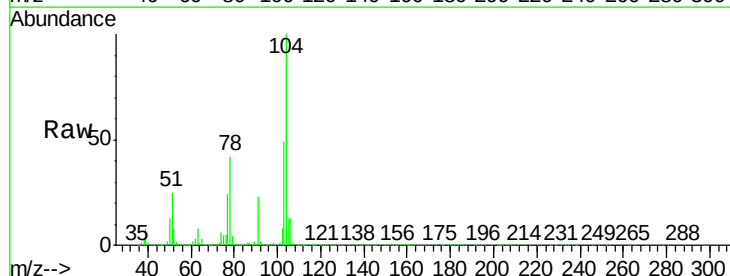
Manual Integrations
APPROVED

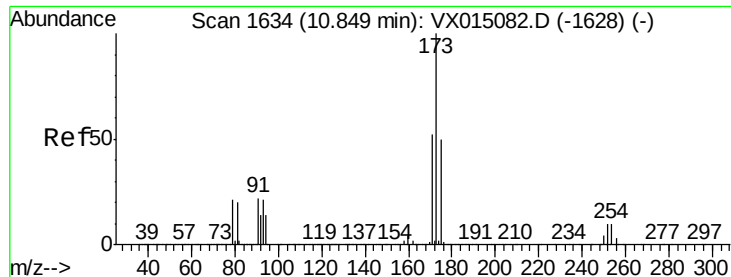
MMDadoda
3/12/2020 2:50:48 PM



#70
Styrene
Concen: 20.53 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	213082		
78	49.2	39.0	58.4	
103	55.2	43.7	65.5	





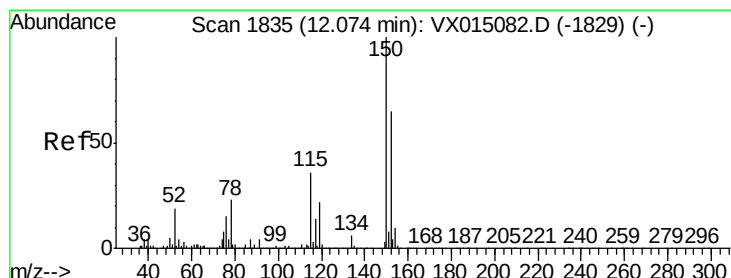
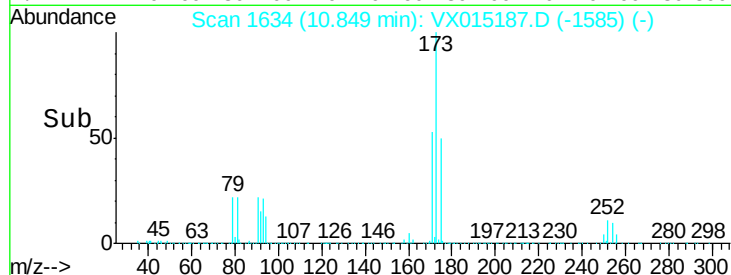
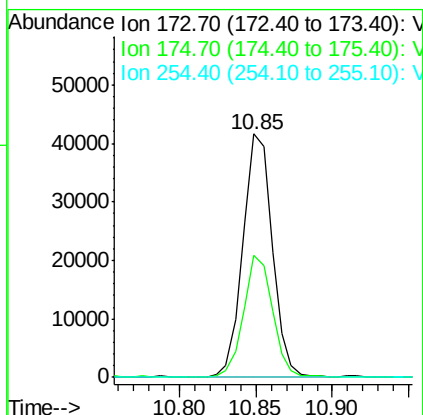
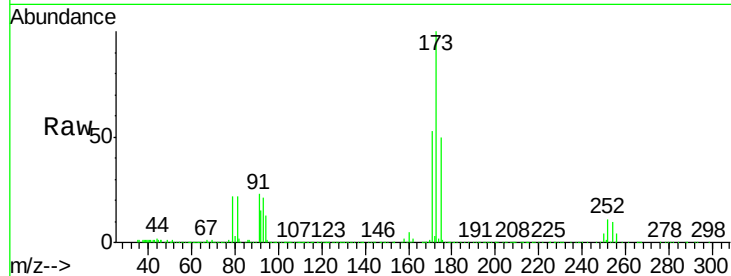
#71
Bromoform
Concen: 19.40 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.9	74.7
254	0.2	0.2	0.2

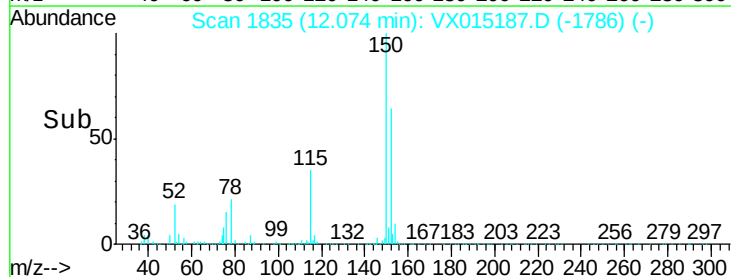
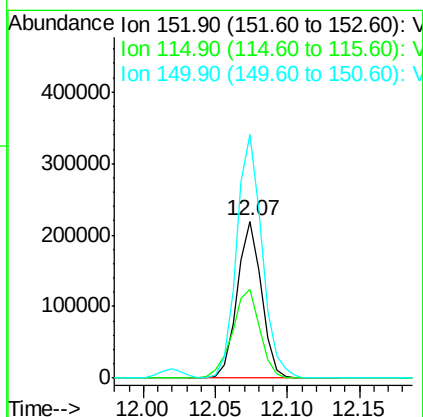
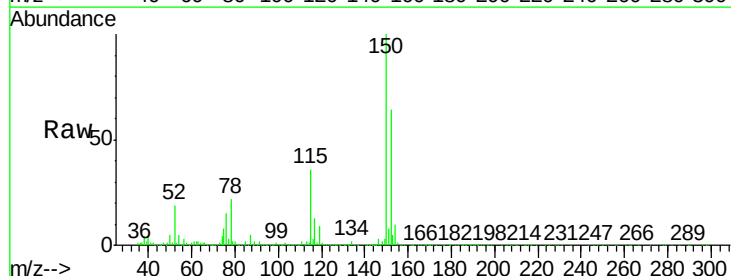
Manual Integrations
APPROVED

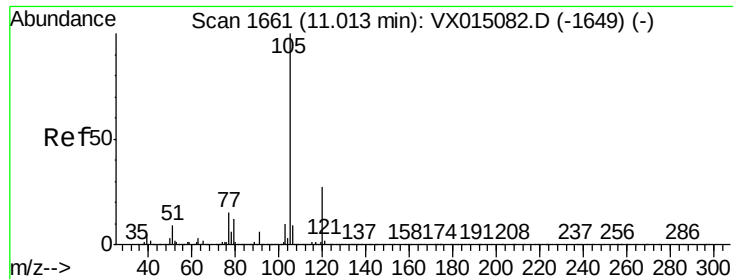
MMDadoda
3/12/2020 2:50:48 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	38.2	114.6
150	162.9	0.0	343.8





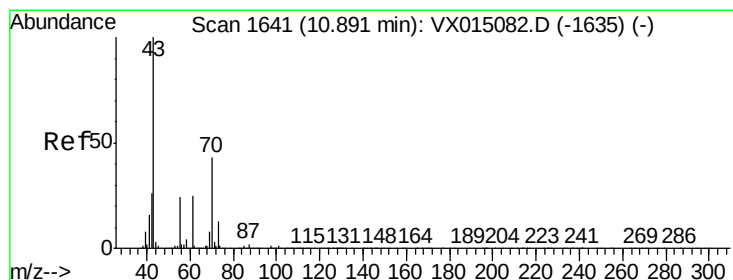
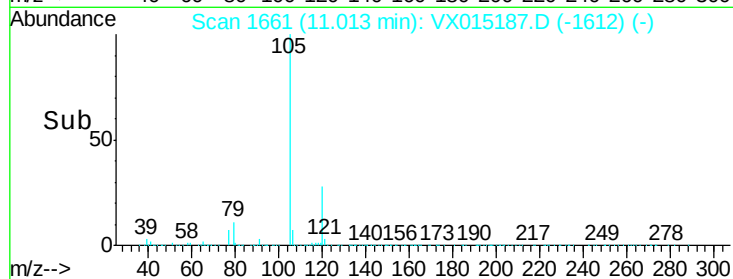
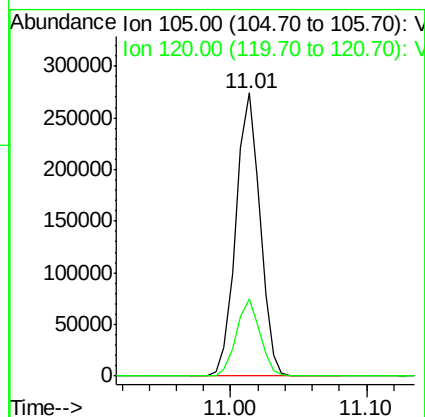
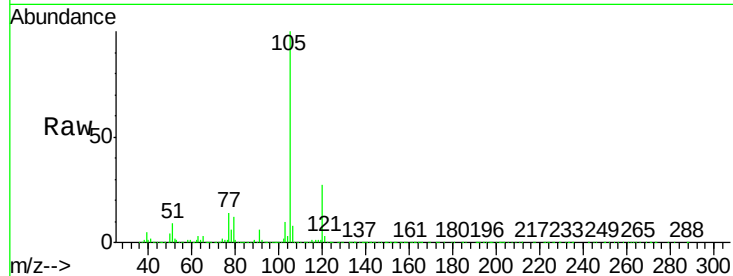
#73
Isopropylbenzene
Concen: 20.52 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 105 Resp: 337547
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5

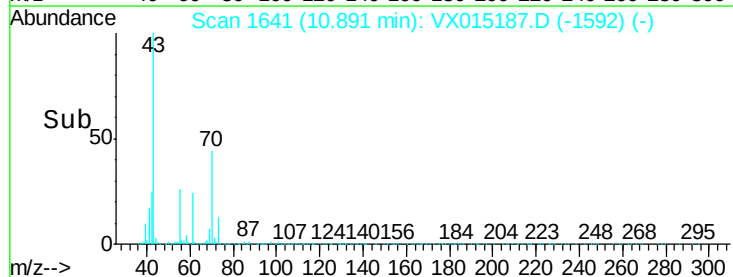
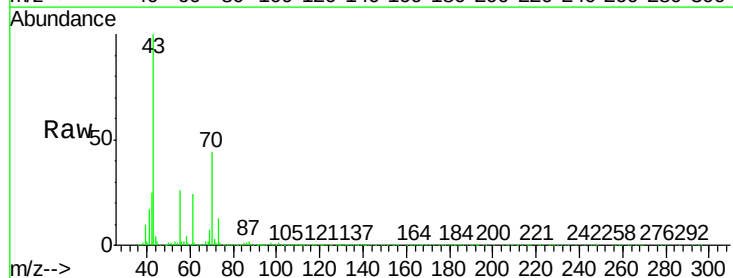
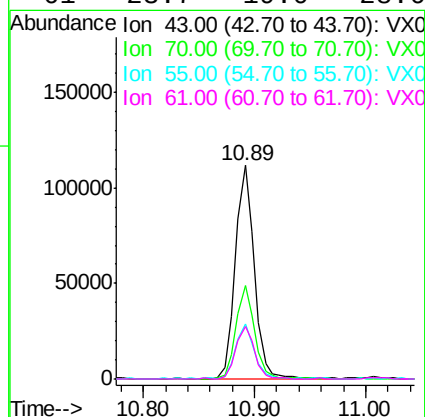
Manual Integrations
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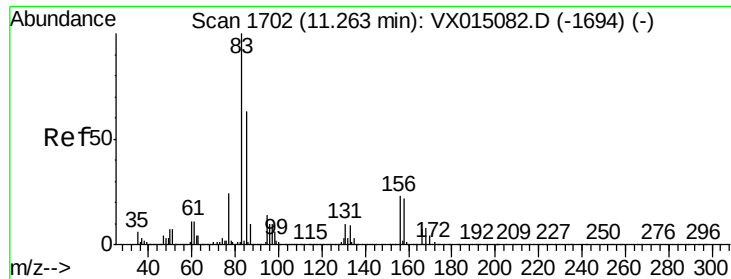
MMDadoda
3/12/2020 2:50:48 PM



#74
N-ethyl acetate
Concen: 19.14 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 43 Resp: 132718
Ion Ratio Lower Upper
43 100
70 43.4 34.7 52.1
55 24.8 19.4 29.0
61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.36 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

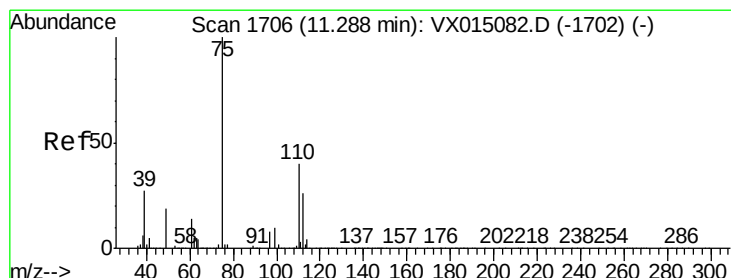
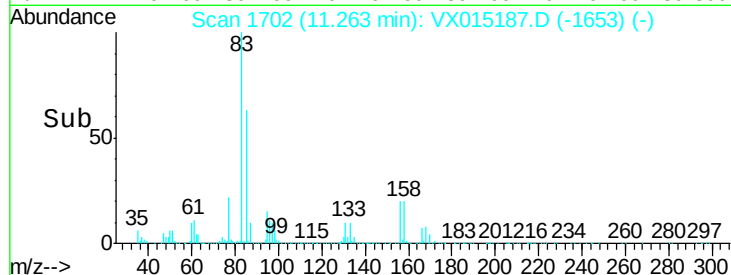
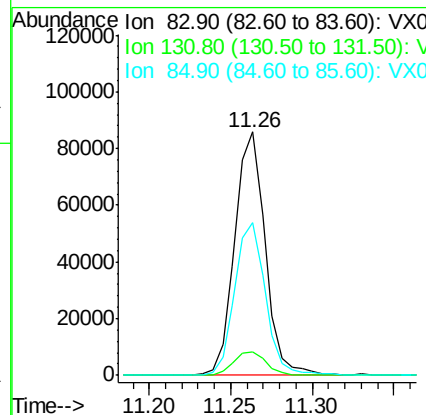
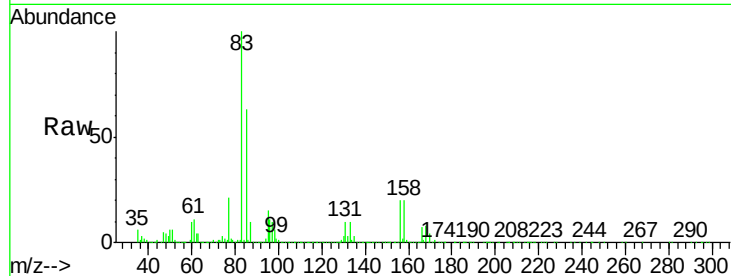
ClientSampleId :

VX0311WBS01

Tgt Ion:	83	Resp:	111630
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	14.9
85	63.9	31.9	95.9

Manual Integrations
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3/12/2020 2:50:48 PM



#76

1,2,3-Trichloropropane

Concen: 17.82 ug/l m

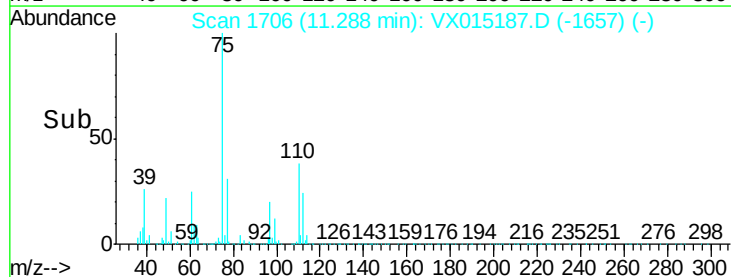
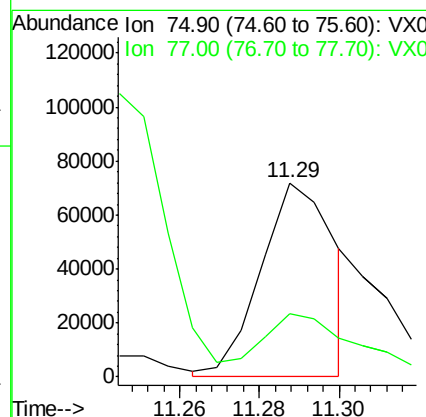
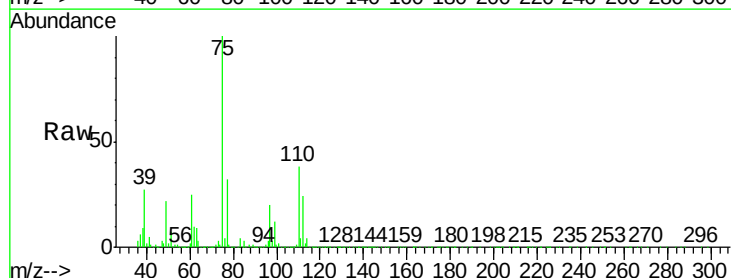
RT: 11.29 min Scan# 1706

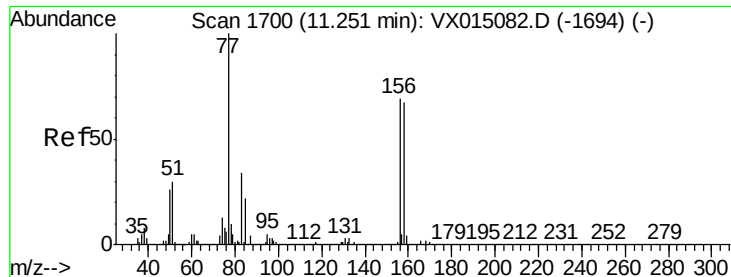
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion:	75	Resp:	91552
Ion Ratio	Lower	Upper	
75	100		
77	43.0	22.6	67.8





#77

Bromobenzene

Concen: 19.36 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

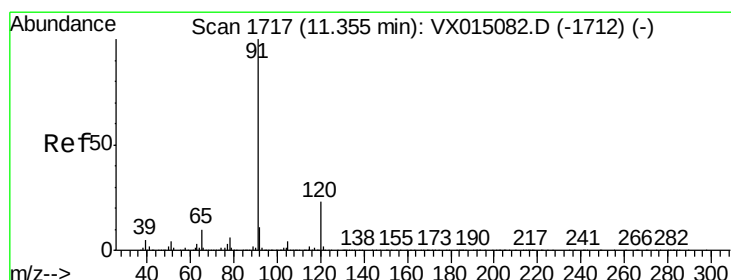
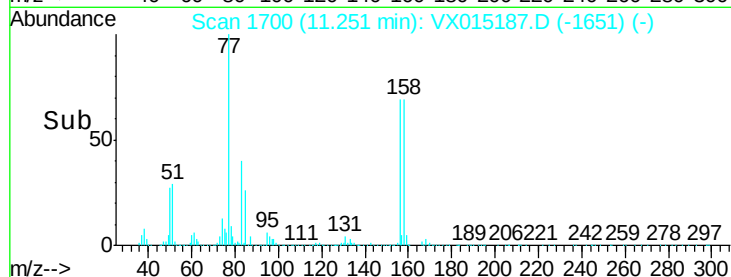
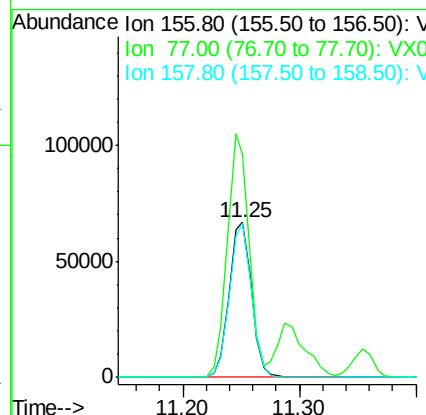
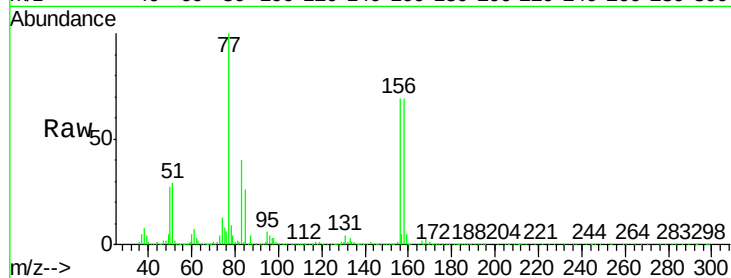
ClientSampleId :

VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	152.7	75.3	225.9
158	97.9	48.5	145.6

Manual Integrations
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3/12/2020 2:50:48 PM



#78

n-propylbenzene

Concen: 20.86 ug/l

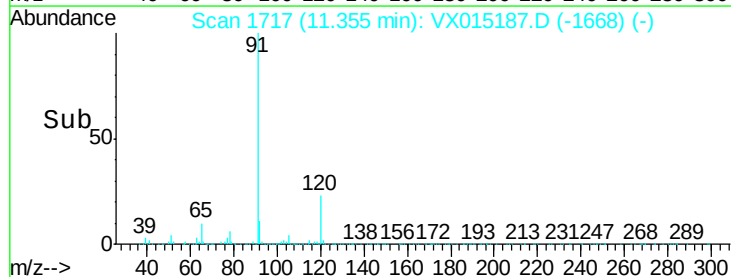
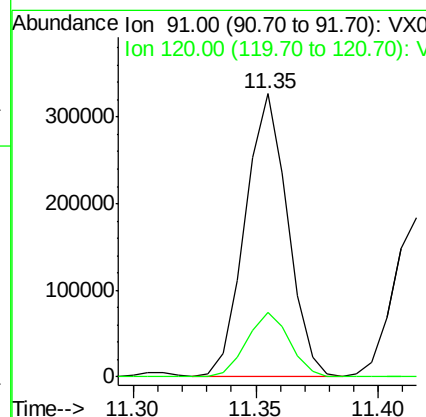
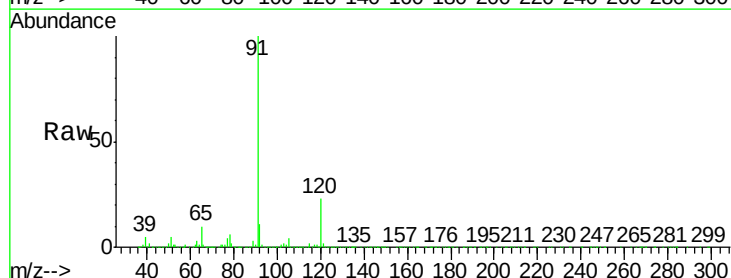
RT: 11.35 min Scan# 1717

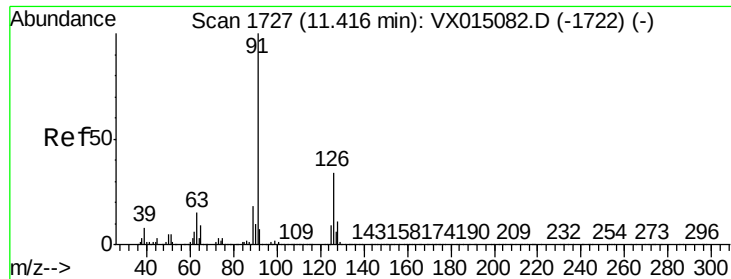
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1





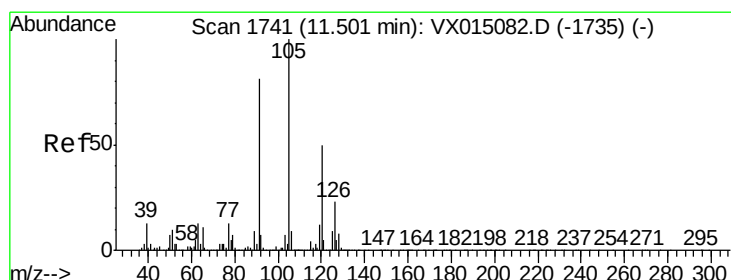
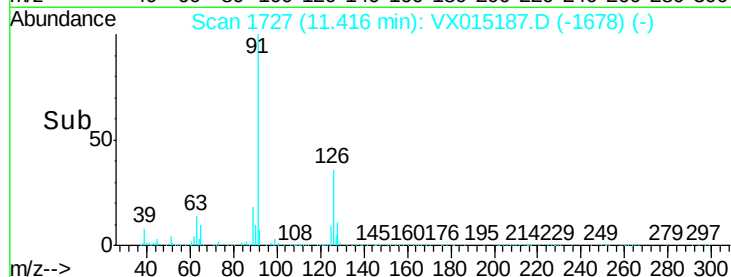
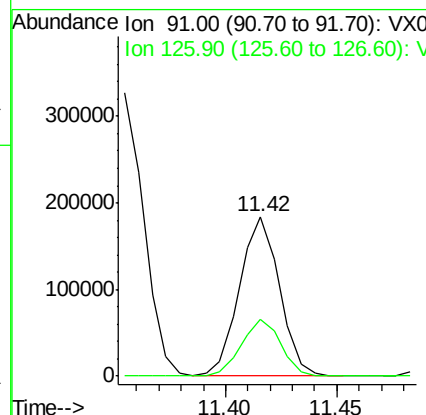
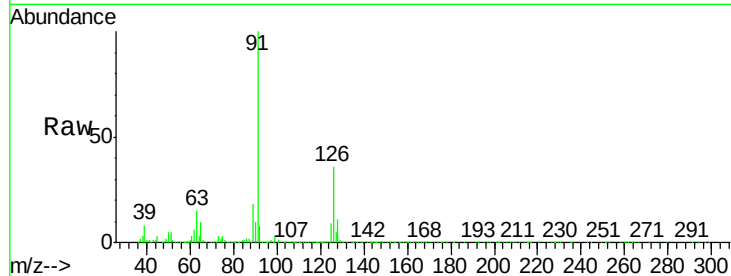
#79
2-Chlorotoluene
Concen: 20.42 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion: 91 Resp: 229210
Ion Ratio Lower Upper
91 100
126 35.6 17.3 52.0

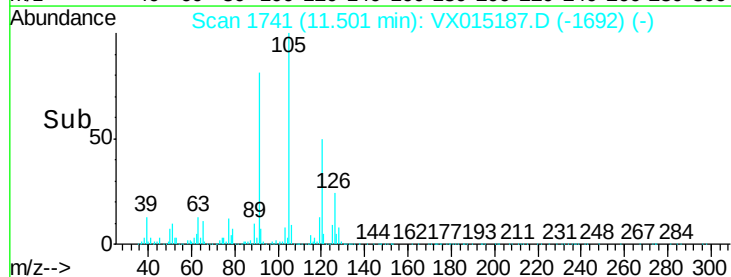
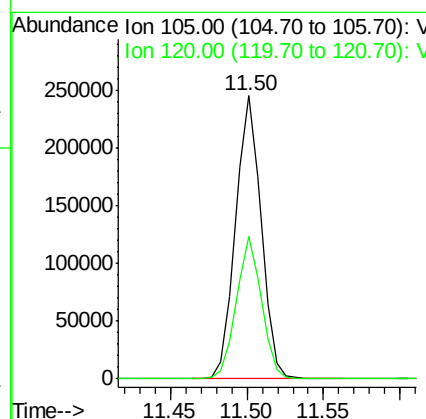
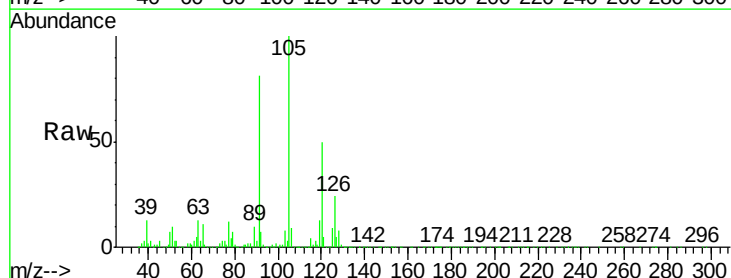
Manual Integrations
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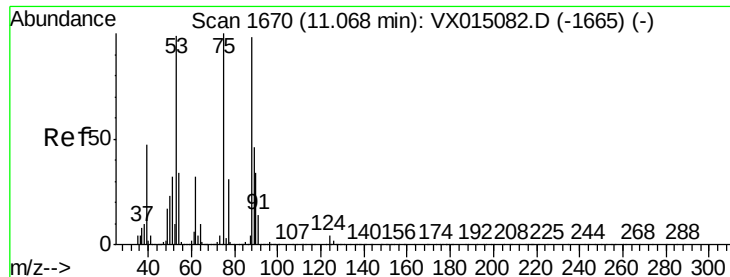
MMDadoda
3/12/2020 2:50:48 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.71 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion: 105 Resp: 283676
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.4





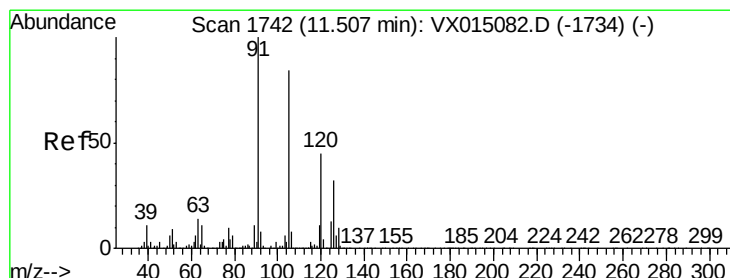
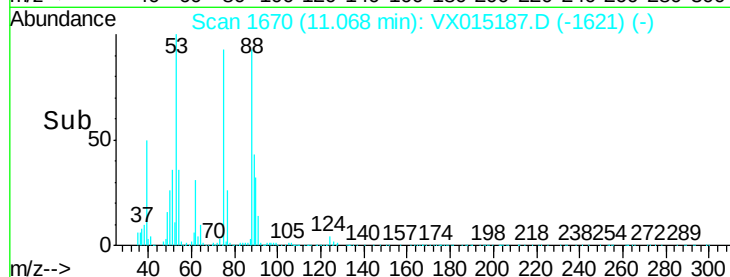
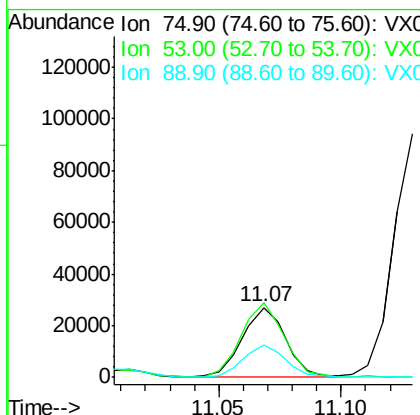
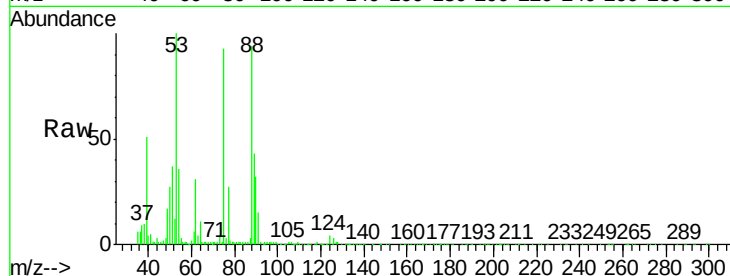
#81
trans-1,4-Dichloro-2-butene
Concen: 18.23 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.7	77.9	116.9
89	44.9	36.2	54.2

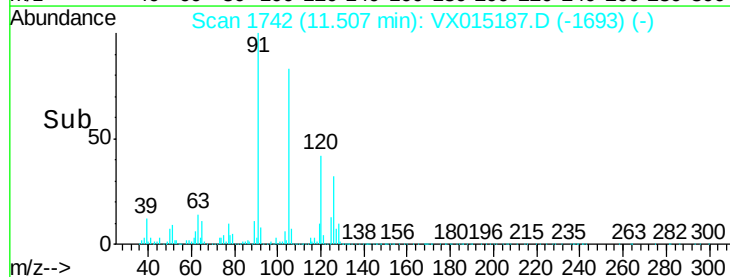
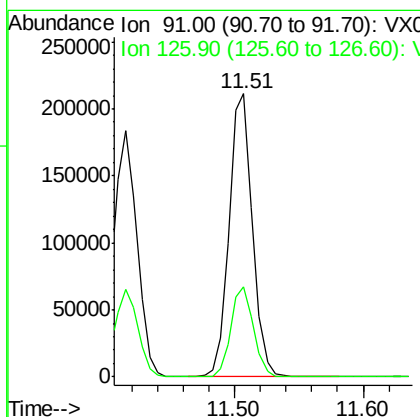
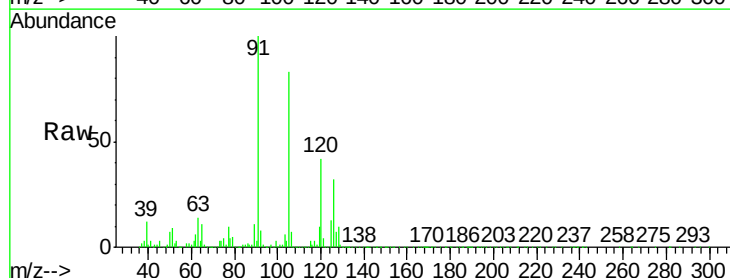
Manual Integrations
APPROVED

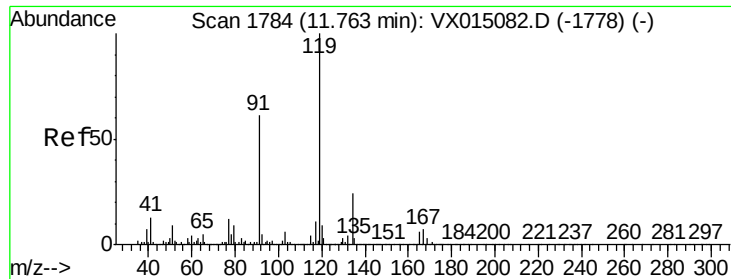
MMDadoda
3/12/2020 2:50:48 PM



#82
4-Chlorotoluene
Concen: 20.16 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.2





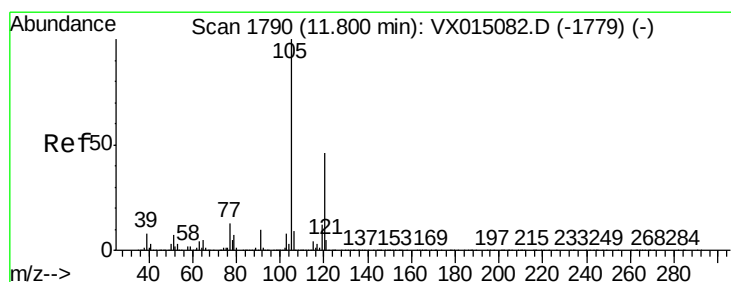
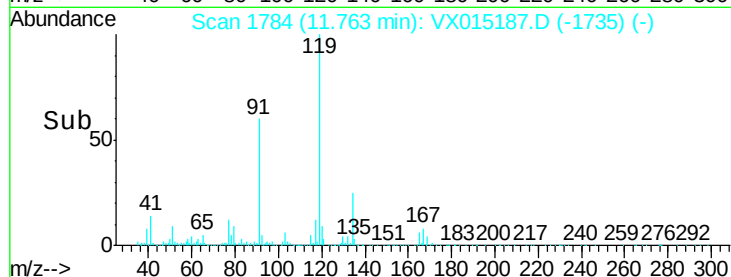
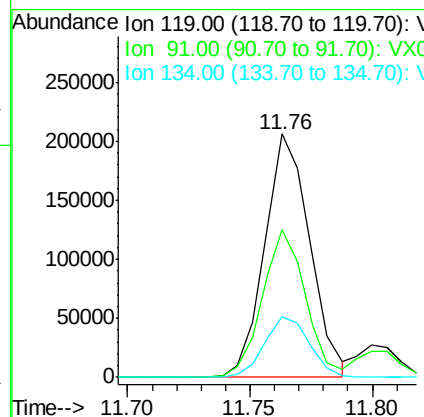
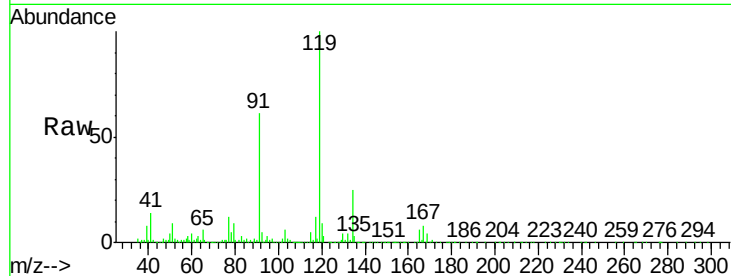
#83
 tert-Butylbenzene
 Concen: 19.91 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	263685		
91	58.0	28.5	85.6	
134	25.2	11.9	35.7	

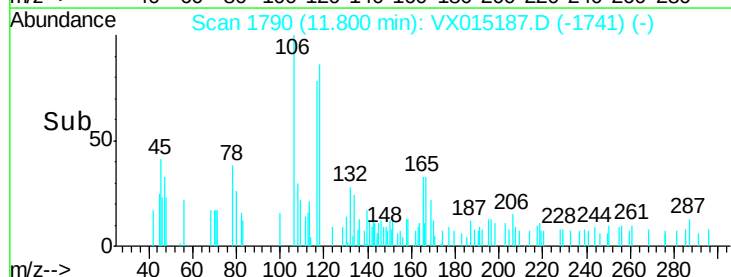
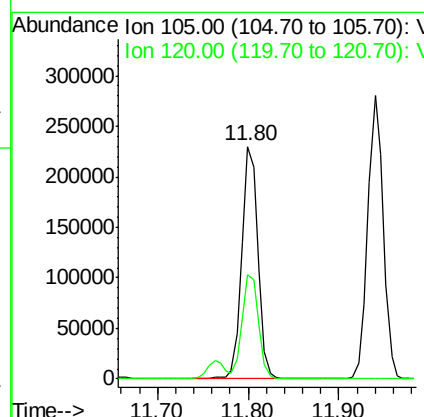
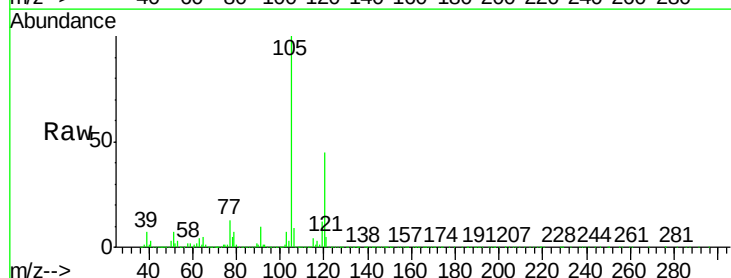
Manual Integrations
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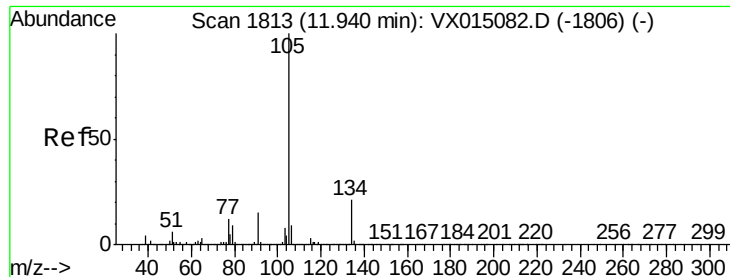
MMDadoda
 3/12/2020 2:50:48 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.58 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	283199		
120	45.3	22.9	68.5	





#85

sec-Butylbenzene

Concen: 20.78 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBS01

Tgt Ion:105 Resp: 332100

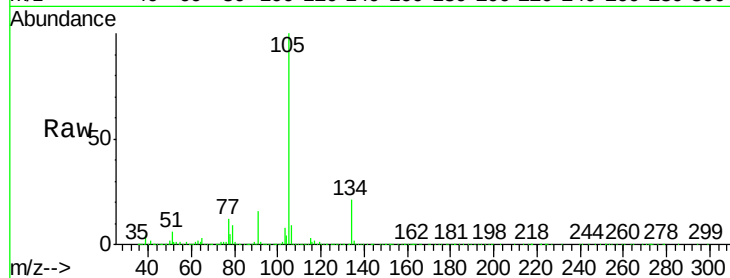
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2

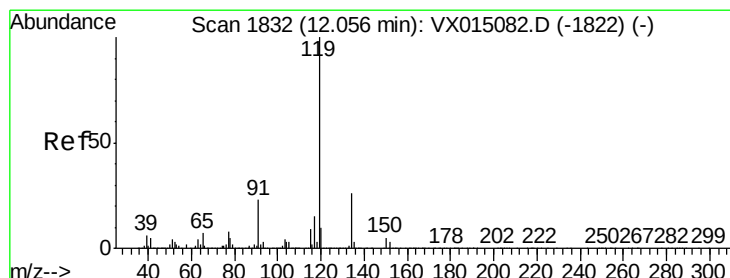
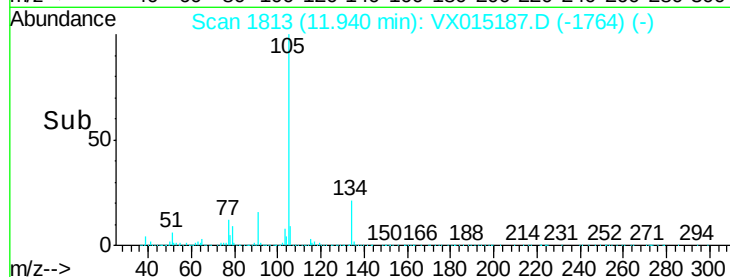
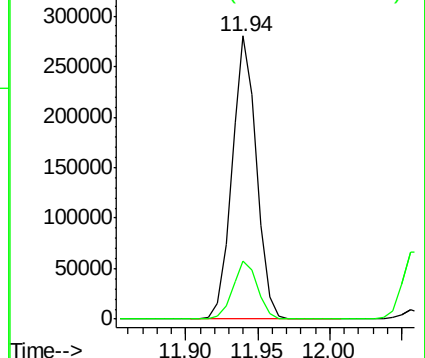
Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.77 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

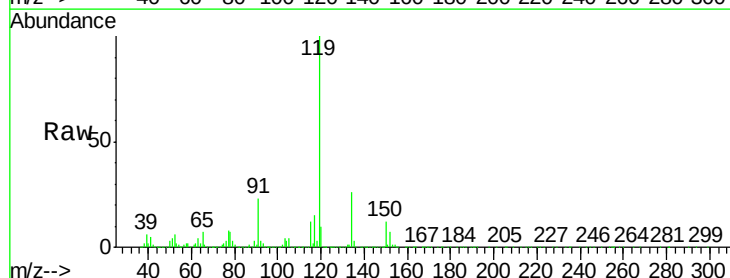
Tgt Ion:119 Resp: 305902

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

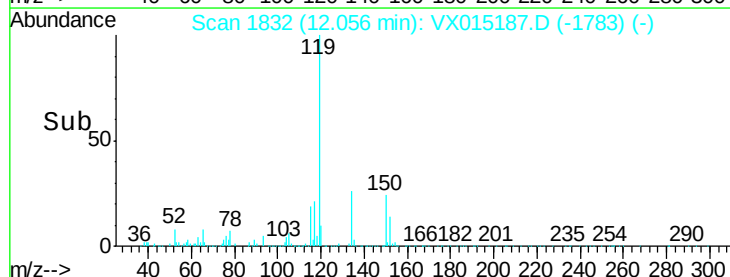
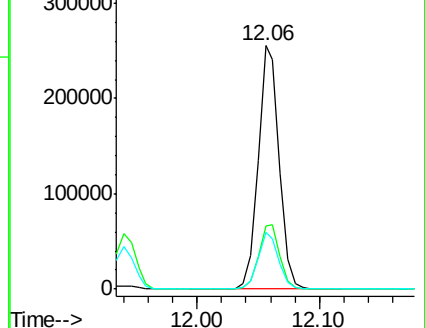
91 22.6 11.3 33.8

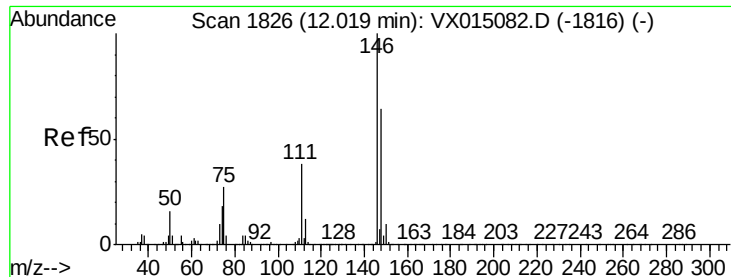


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





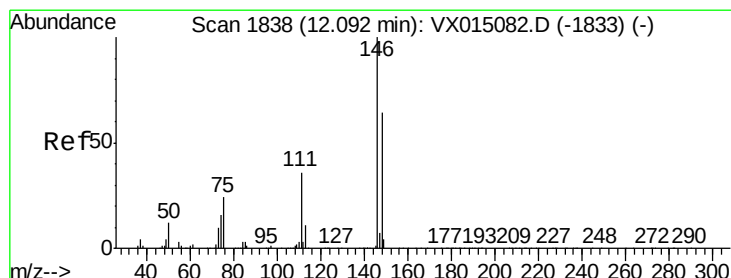
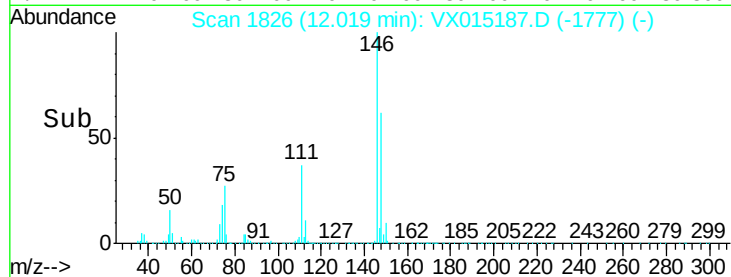
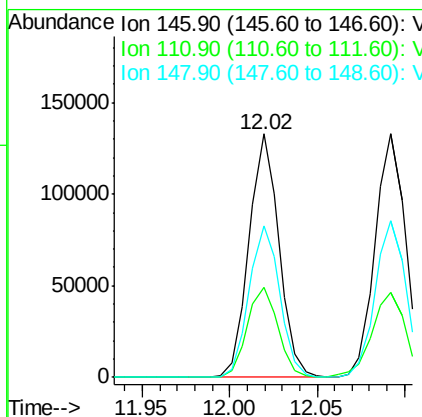
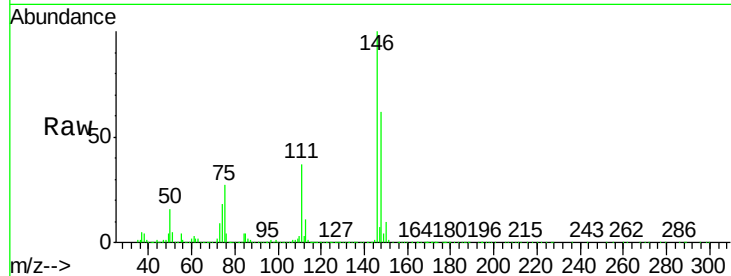
#87
 1,3-Dichlorobenzene
 Concen: 19.82 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	63.6	31.9	95.5

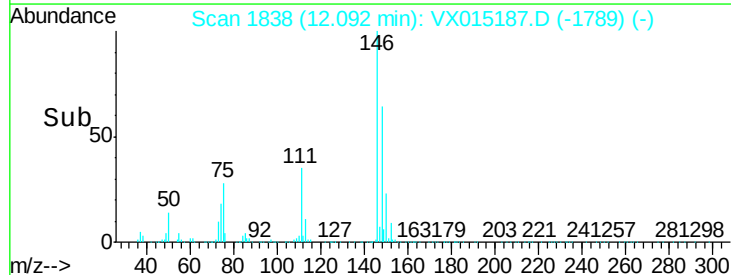
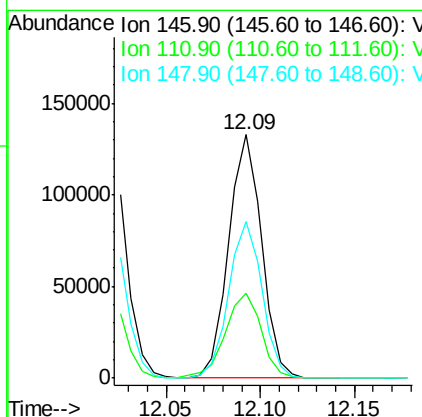
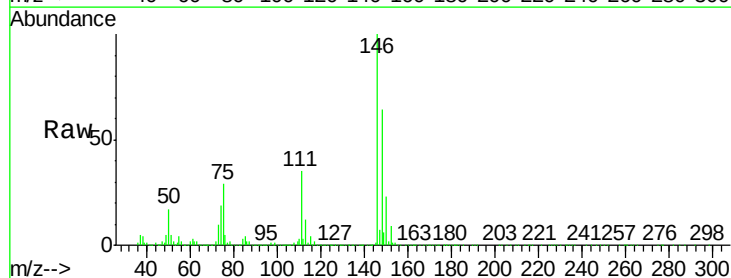
Manual Integrations
 APPROVED

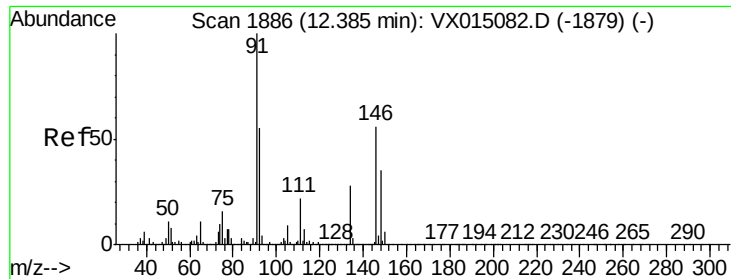
MMDadoda
 3/12/2020 2:50:48 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.28 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015187.D
 Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	65.3	32.5	97.4





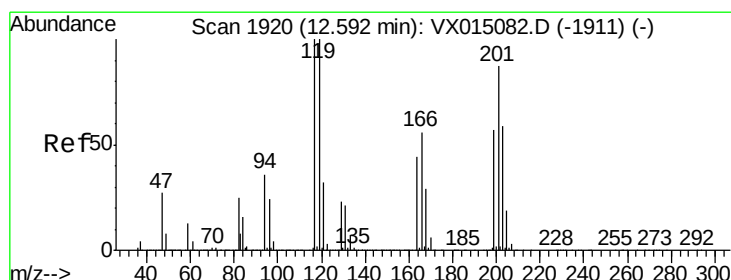
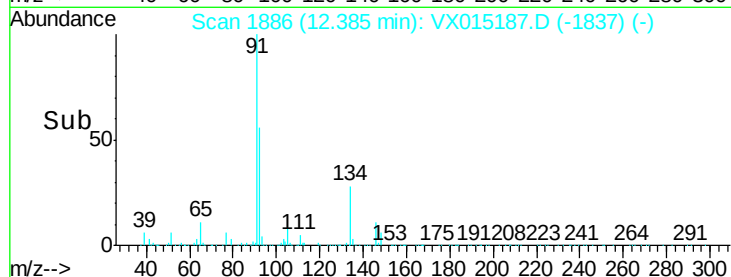
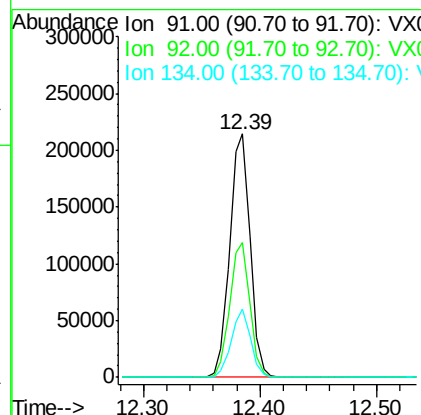
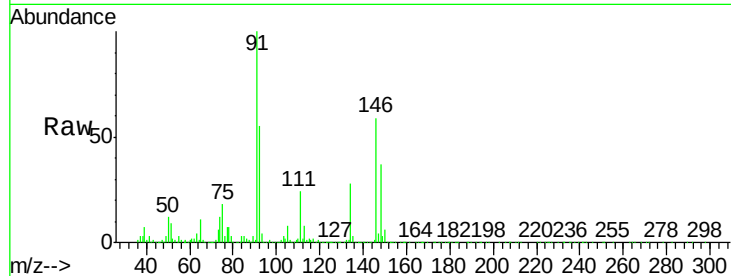
#89
n-Butylbenzene
Concen: 19.74 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Resp Lower	Upper
91	100		
92	54.6	27.2	81.6
134	26.8	13.5	40.5

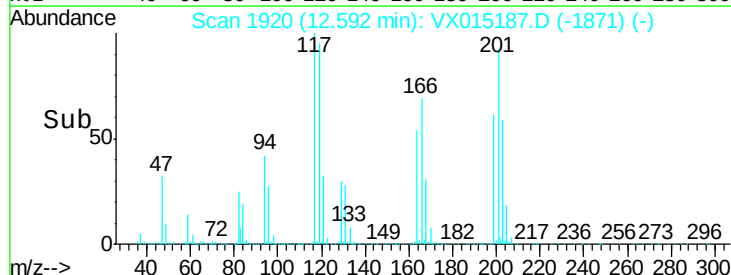
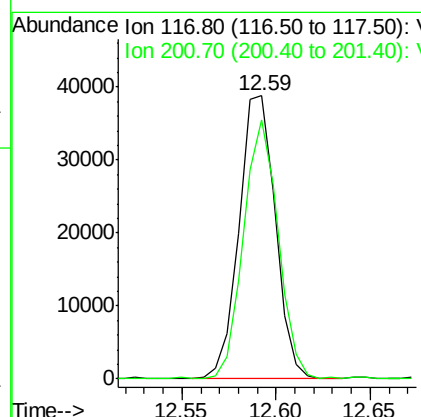
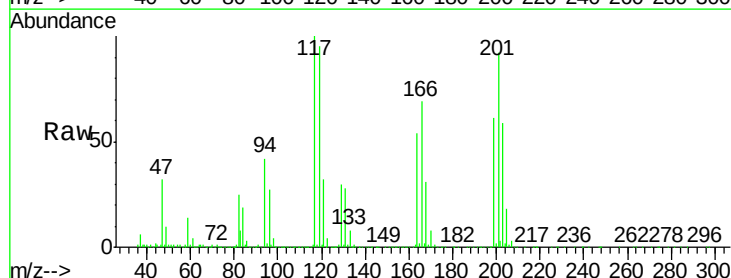
Manual Integrations
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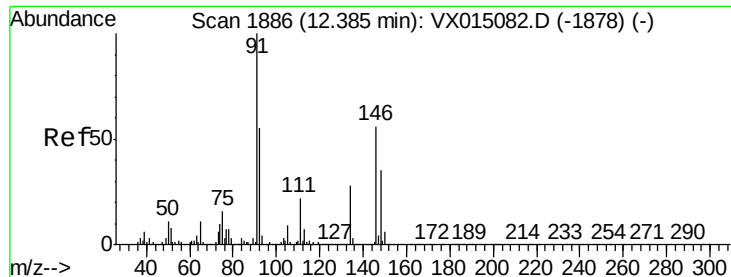
MMDadoda
3/12/2020 2:50:48 PM



#90
Hexachloroethane
Concen: 18.56 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
201	87.0	43.5	130.7





#91

1,2-Dichlorobenzene

Concen: 19.24 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

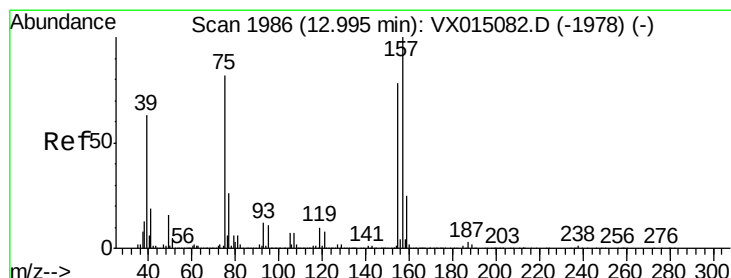
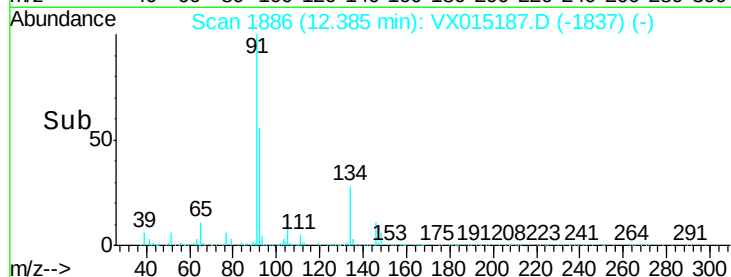
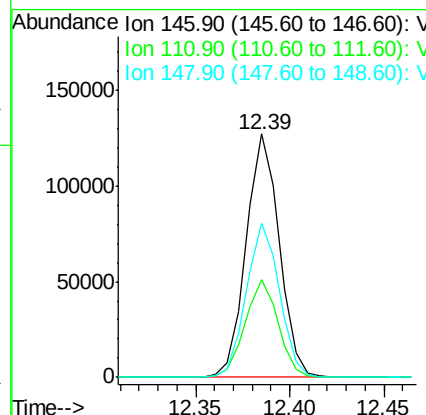
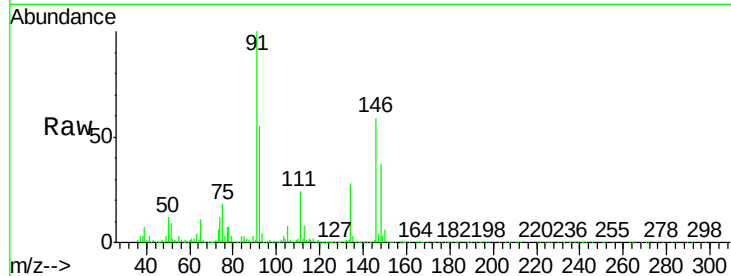
ClientSampleId :

VX0311WBS01

Tgt Ion:	146	Resp:	154145
Ion Ratio	Lower	Upper	
146	100		
111	40.4	19.9	59.7
148	64.3	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.32 ug/l

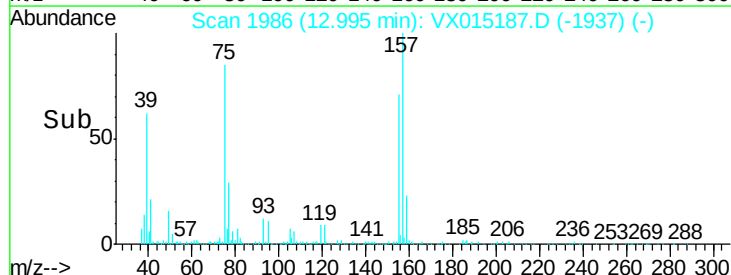
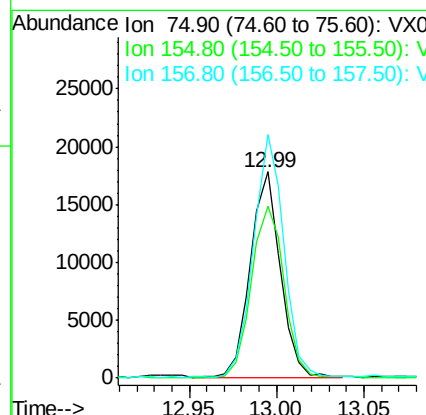
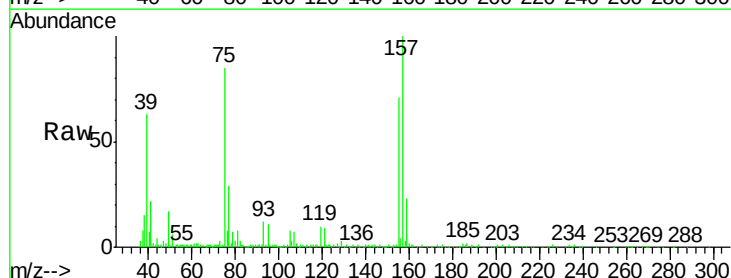
RT: 12.99 min Scan# 1986

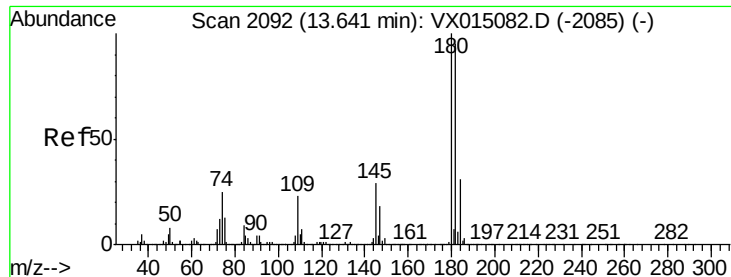
Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion:	75	Resp:	21205
Ion Ratio	Lower	Upper	
75	100		
155	93.5	46.6	139.7
157	120.9	59.2	177.5





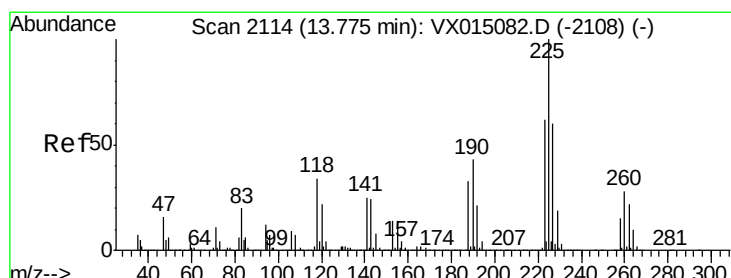
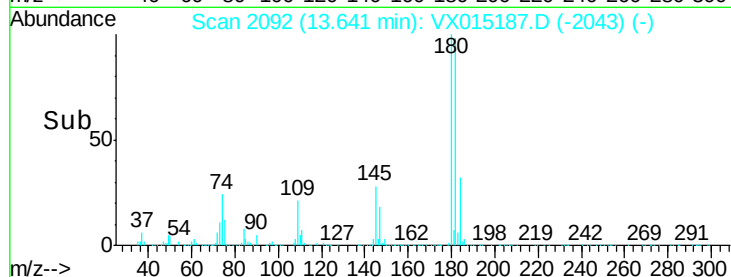
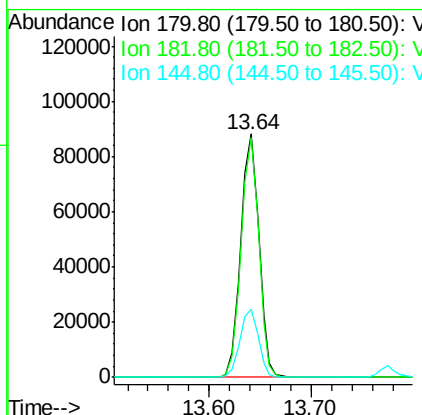
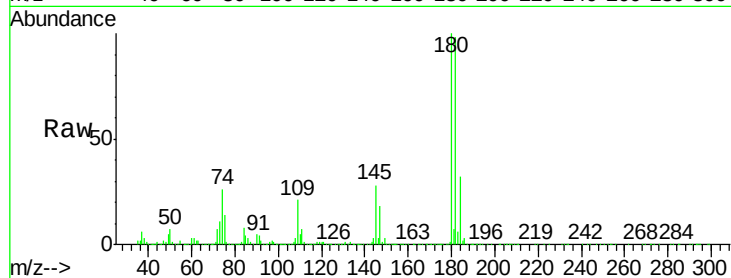
#93
1,2,4-Trichlorobenzene
Concen: 19.55 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	108742		
182	95.2	47.6	142.8	
145	28.5	14.1	42.2	

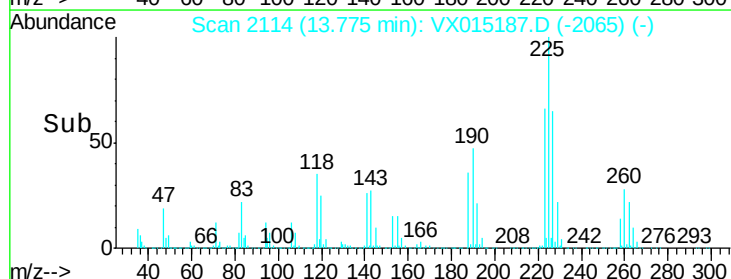
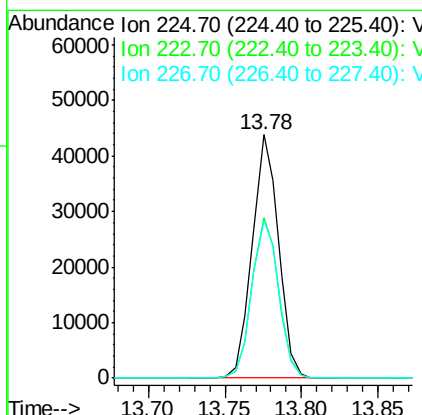
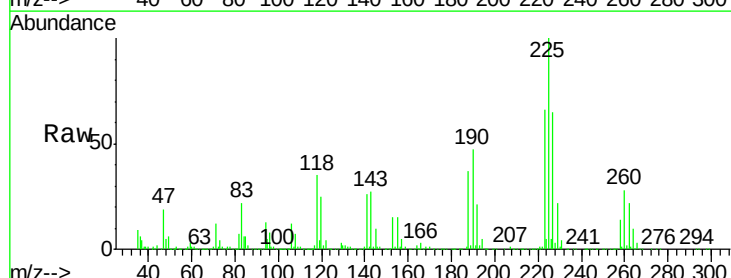
Manual Integrations
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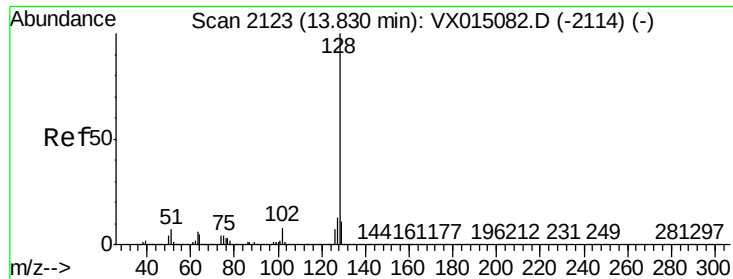
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3/12/2020 2:50:48 PM



#94
Hexachlorobutadiene
Concen: 18.38 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015187.D
Acq: 11 Mar 2020 09:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52454		
223	66.6	31.3	93.9	
227	66.4	31.1	93.2	





#95

Naphthalene

Concen: 18.50 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Instrument :

MSVOA_X

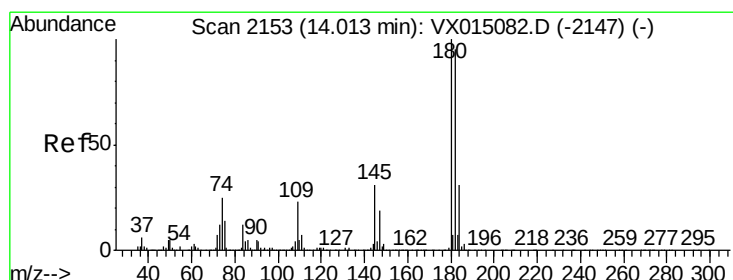
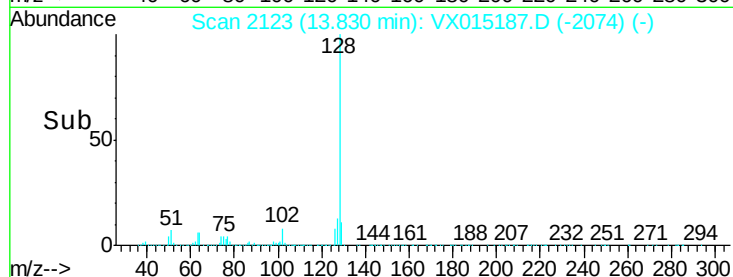
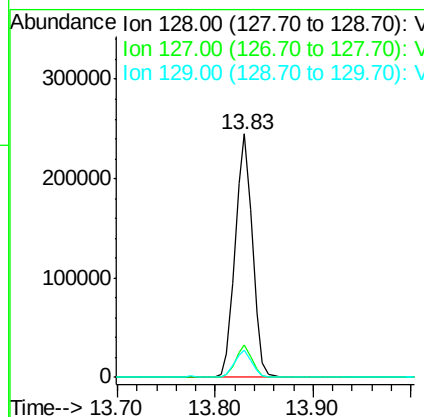
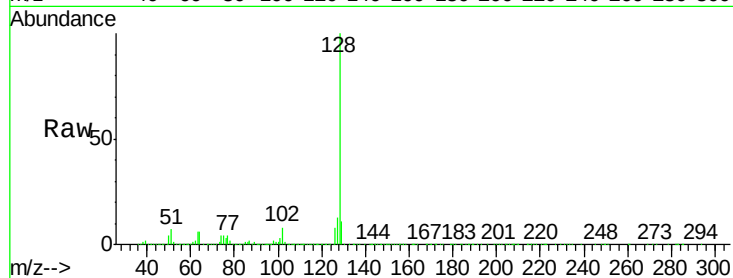
ClientSampleId :

VX0311WBS01

Tgt Ion:	128	Resp:	299727
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/12/2020 2:50:48 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.17 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015187.D

Acq: 11 Mar 2020 09:57

Tgt Ion:	180	Resp:	111910
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.8	143.4
145	29.6	15.1	45.3

