

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031720\
 Data File : VX015311.D
 Acq On : 17 Mar 2020 09:48
 Operator : JC/SP
 Sample : VX0317WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Manual Integrations
 APPROVED

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 3/18/2020 4:16:48 PM

Quant Time: Mar 18 01:57:09 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	310140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	455553	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	222168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	172163	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
35) Dibromofluoromethane	5.48	113	148452	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	8.71	98	570424	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.13	95	203694	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	48417	17.828	ug/l	98
3) Chloromethane	1.32	50	67920	17.655	ug/l	99
4) Vinyl Chloride	1.40	62	68886	17.659	ug/l	100
5) Bromomethane	1.64	94	43675	18.212	ug/l	97
6) Chloroethane	1.72	64	43020	18.385	ug/l	100
7) Trichlorofluoromethane	1.93	101	86910	18.724	ug/l	99
8) Diethyl Ether	2.18	74	40631	19.327	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59136	20.250	ug/l	99
10) Methyl Iodide	2.50	142	55120	16.707	ug/l	98
11) Tert butyl alcohol	3.03	59	61962	97.062	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56093	18.612	ug/l	99
13) Acrolein	2.28	56	48008	80.024	ug/l	96
14) Allyl chloride	2.72	41	105924	20.156	ug/l	93
15) Acrylonitrile	3.13	53	163325	102.732	ug/l	100
16) Acetone	2.44	43	163609	109.798	ug/l	98
17) Carbon Disulfide	2.56	76	142557	17.032	ug/l	98
18) Methyl Acetate	2.76	43	75016	20.589	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	186868	19.842	ug/l	96
20) Methylene Chloride	2.85	84	66712	19.130	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	60672	18.853	ug/l	99
22) Diisopropyl ether	3.84	45	220822	21.091	ug/l	93
23) Vinyl Acetate	3.80	43	884653	102.790	ug/l	100
24) 1,1-Dichloroethane	3.69	63	114170	19.648	ug/l	98
25) 2-Butanone	4.65	43	230411	105.621	ug/l	98
26) 2,2-Dichloropropane	4.57	77	86560	18.764	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	68931	19.093	ug/l	97
28) Bromochloromethane	5.00	49	54582	20.628	ug/l	97
29) Tetrahydrofuran	5.11	42	142000	100.980	ug/l	98
30) Chloroform	5.20	83	112725	19.903	ug/l	99
31) Cyclohexane	5.57	56	100905	19.468	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	93057	19.821	ug/l	97
36) 1,1-Dichloropropene	5.79	75	82386	19.563	ug/l	98
37) Ethyl Acetate	4.82	43	88227	22.585	ug/l	98
38) Carbon Tetrachloride	5.77	117	77747	19.558	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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Manual Integrations
 APPROVED

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 3/18/2020 4:16:48 PM

Quant Time: Mar 18 01:57:09 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)
39) Methylcyclohexane	7.46	83	99954	20.326	ug/l	94
40) Benzene	6.13	78	262106	20.977	ug/l	98
41) Methacrylonitrile	5.02	41	49647	21.158	ug/l	98
42) 1,2-Dichloroethane	6.18	62	85767	19.988	ug/l	96
43) Isopropyl Acetate	6.43	43	140128	20.390	ug/l	98
44) Trichloroethene	7.20	130	69906	20.090	ug/l	92
45) 1,2-Dichloropropane	7.50	63	70157	21.693	ug/l	98
46) Dibromomethane	7.65	93	43748	20.760	ug/l	97
47) Bromodichloromethane	7.89	83	84733	20.333	ug/l	98
48) Methyl methacrylate	7.76	41	70006	20.014	ug/l	98
49) 1,4-Dioxane	7.74	88	30487	403.131	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	443924	109.252	ug/l	100
52) Toluene	8.78	92	161763	21.174	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	90886	20.491	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	106876	21.314	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	67293	21.401	ug/l	98
56) Ethyl methacrylate	9.17	69	98003	21.851	ug/l	96
57) 1,3-Dichloropropane	9.37	76	112758	21.315	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	251313	102.854	ug/l	99
59) 2-Hexanone	9.48	43	333577	110.762	ug/l	99
60) Dibromochloromethane	9.57	129	68756	20.815	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67022	20.293	ug/l	99
64) Tetrachloroethene	9.33	164	72456	20.939	ug/l	98
65) Chlorobenzene	10.13	112	173225	20.616	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	64934	20.495	ug/l	99
67) Ethyl Benzene	10.25	91	302449	21.198	ug/l	99
68) m/p-Xylenes	10.35	106	227356	41.883	ug/l	99
69) o-Xylene	10.70	106	109806	21.127	ug/l	98
70) Styrene	10.71	104	189534	21.269	ug/l	98
71) Bromoform	10.85	173	49956	20.333	ug/l	99
73) Isopropylbenzene	11.01	105	298614	21.041	ug/l	99
74) N-amyl acetate	10.89	43	121014	20.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	94935	20.072	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80595m	18.186	ug/l	
77) Bromobenzene	11.25	156	77930	19.703	ug/l	98
78) n-propylbenzene	11.35	91	344689	21.259	ug/l	99
79) 2-Chlorotoluene	11.42	91	200169	20.672	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	250029	21.163	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28789	18.437	ug/l	95
82) 4-Chlorotoluene	11.51	91	233883	20.445	ug/l	100
83) tert-Butylbenzene	11.76	119	238399	20.869	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	251609	21.199	ug/l	100
85) sec-Butylbenzene	11.94	105	293756	21.301	ug/l	99
86) p-Isopropyltoluene	12.06	119	266447	20.971	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	139069	20.001	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	140270	19.540	ug/l	99
89) n-Butylbenzene	12.38	91	234069	20.714	ug/l	100
90) Hexachloroethane	12.59	117	45920	19.117	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	140654	20.347	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18653	19.695	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

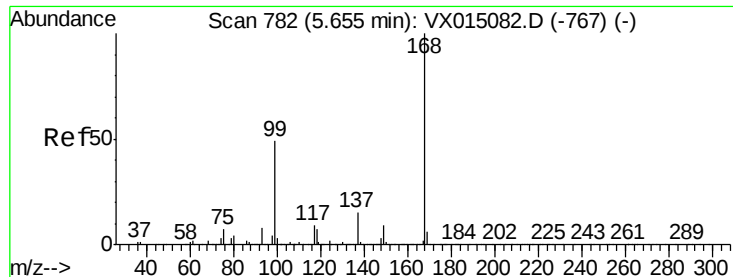
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	96782	20.170	ug/l	99
94) Hexachlorobutadiene	13.77	225	49161	19.965	ug/l	96
95) Naphthalene	13.83	128	263869	18.854	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	97259	20.315	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion:168 Resp: 310140

Ion Ratio Lower Upper

168 100

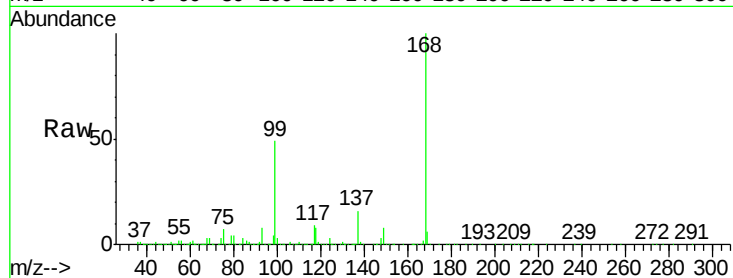
99 48.5 39.4 59.2

Manual Integrations

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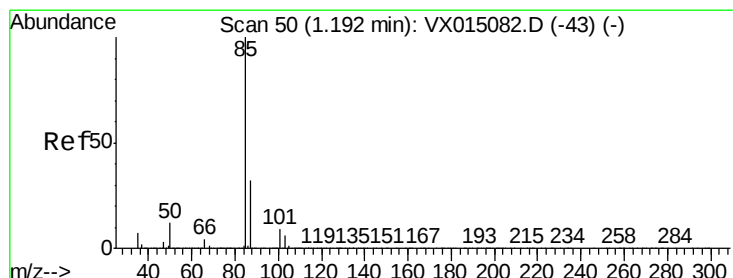
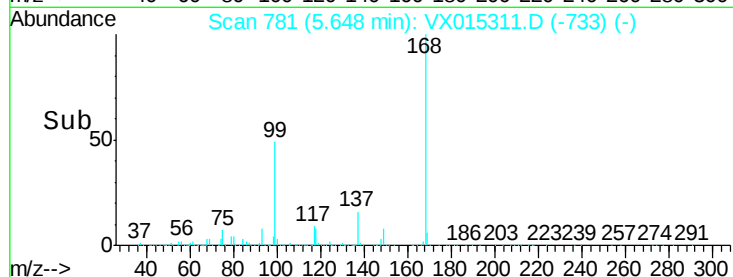
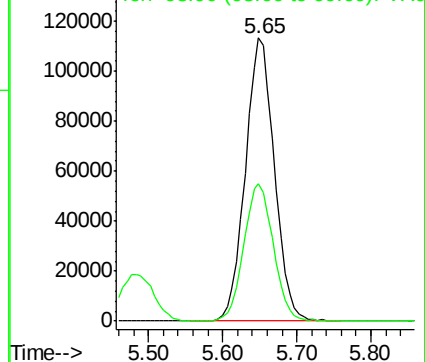
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.828 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015311.D

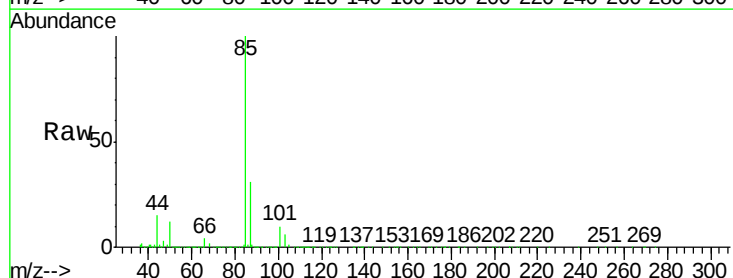
Acq: 17 Mar 2020 09:48

Tgt Ion: 85 Resp: 48417

Ion Ratio Lower Upper

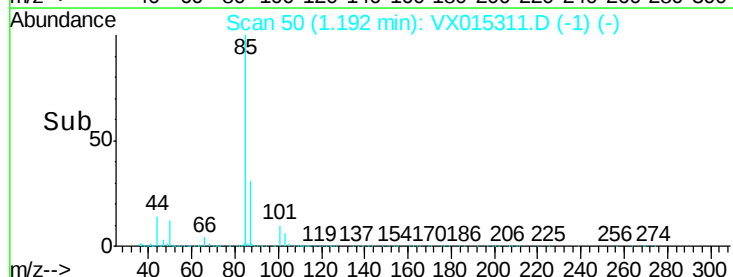
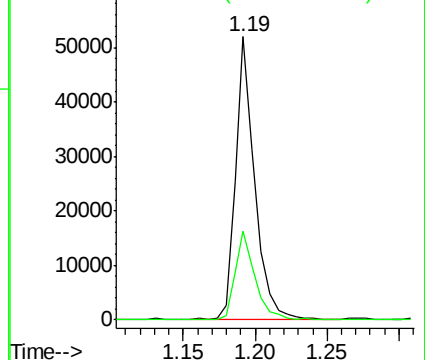
85 100

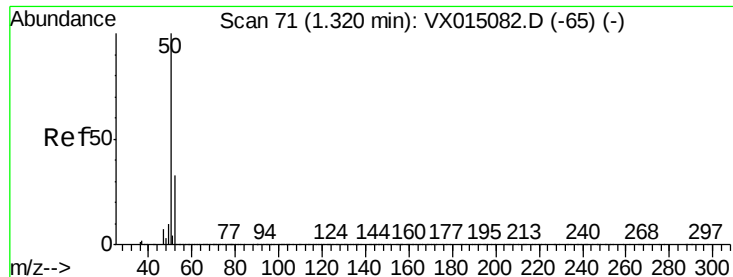
87 31.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.655 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion: 50 Resp: 67920

Ion Ratio Lower Upper

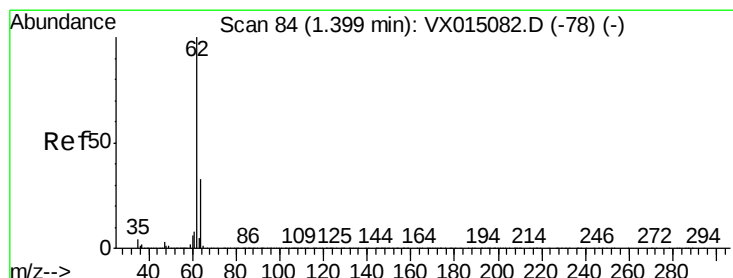
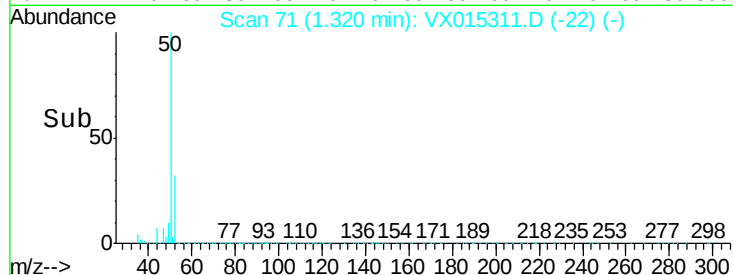
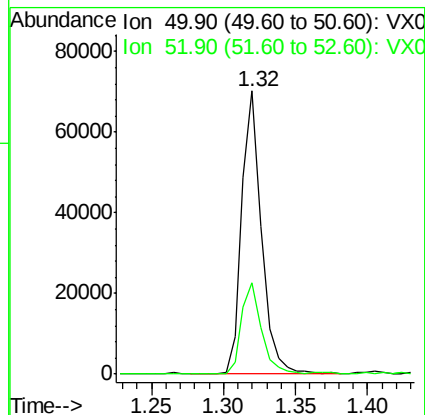
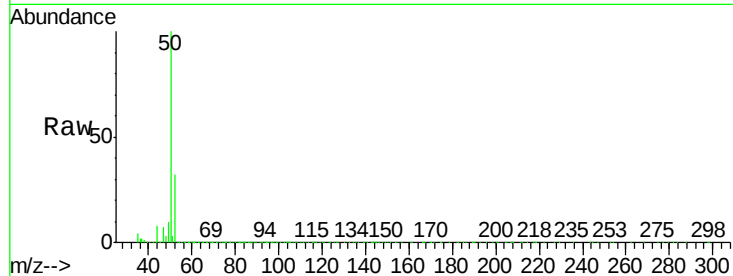
50 100

52 32.0 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.659 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015311.D

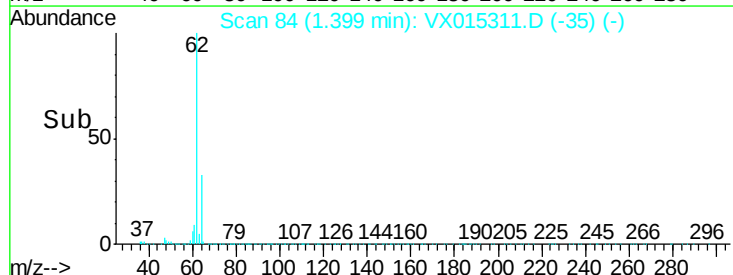
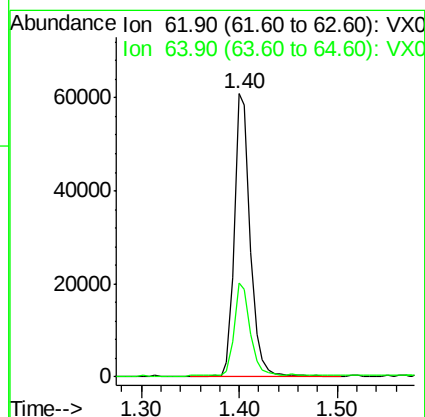
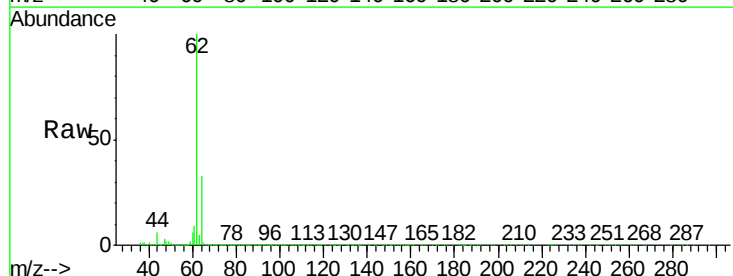
Acq: 17 Mar 2020 09:48

Tgt Ion: 62 Resp: 68886

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 18.212 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion: 94 Resp: 43675

Ion Ratio Lower Upper

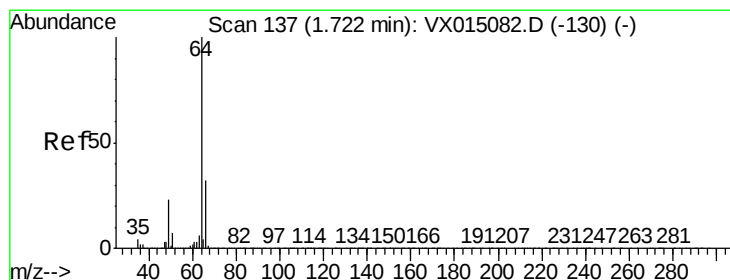
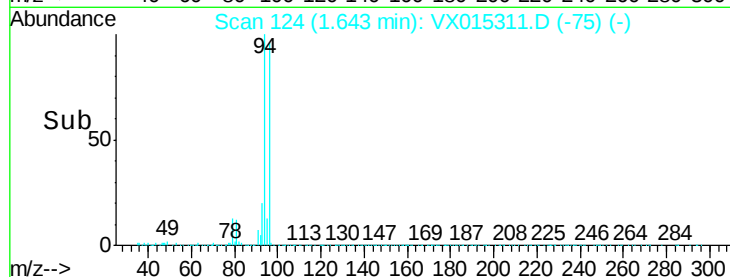
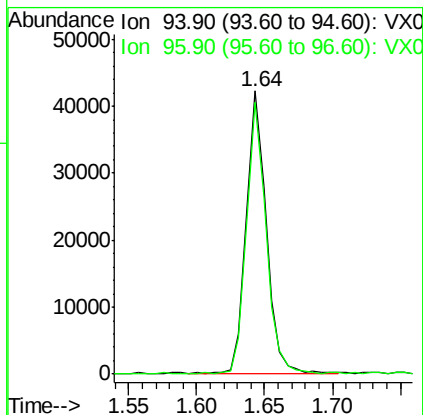
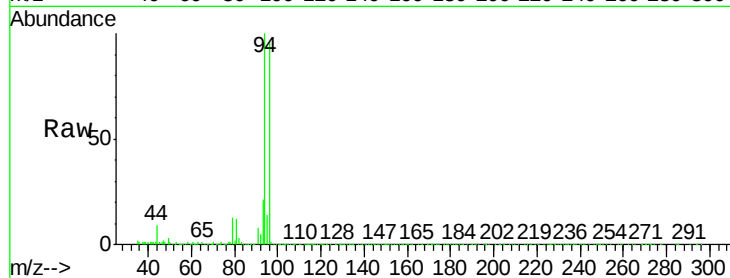
94 100

96 96.0 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 18.385 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015311.D

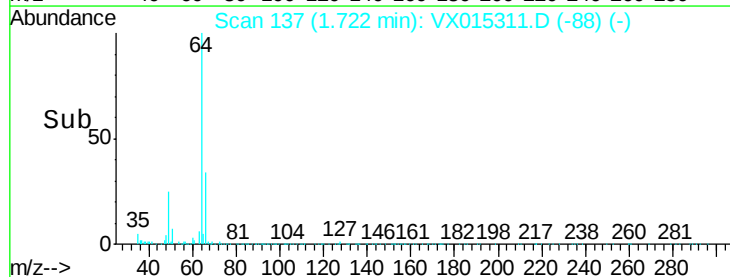
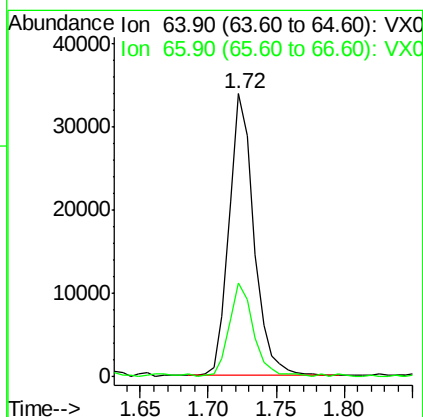
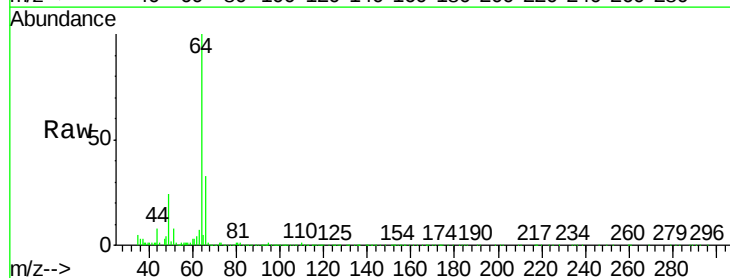
Acq: 17 Mar 2020 09:48

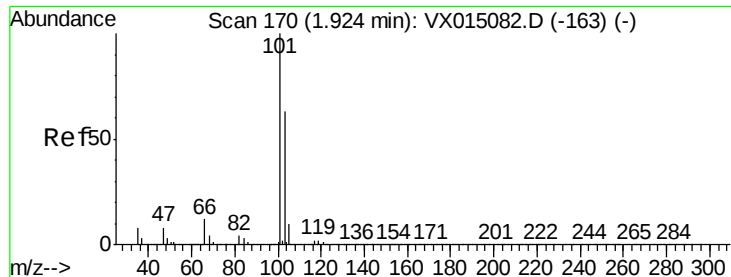
Tgt Ion: 64 Resp: 43020

Ion Ratio Lower Upper

64 100

66 32.6 25.8 38.8





#7

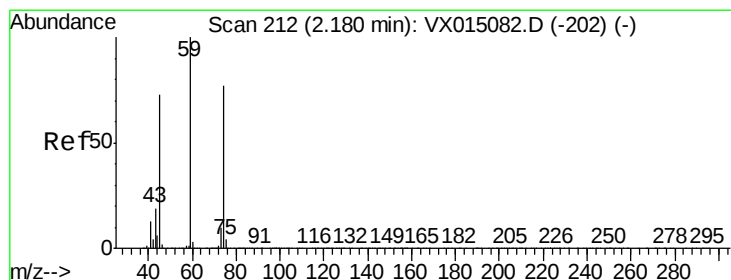
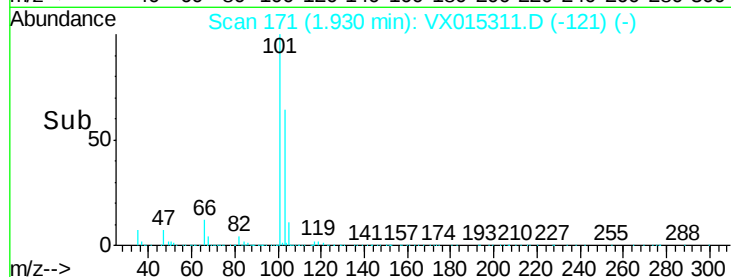
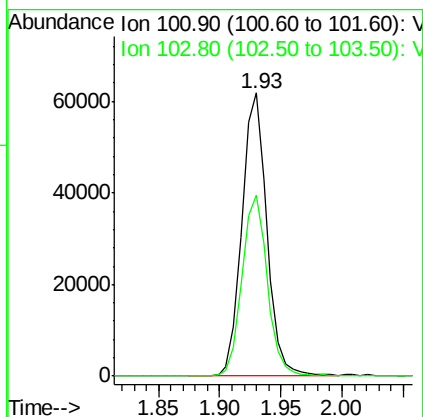
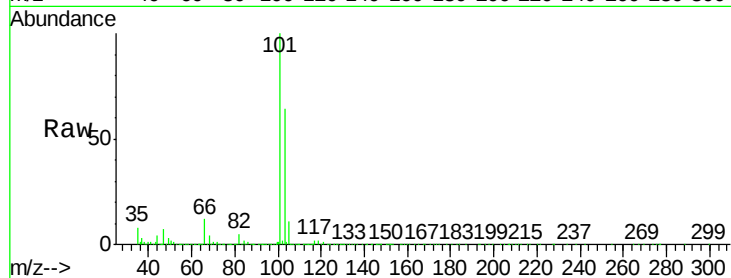
Trichlorofluoromethane
Concen: 18.724 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
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ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.4	75.6

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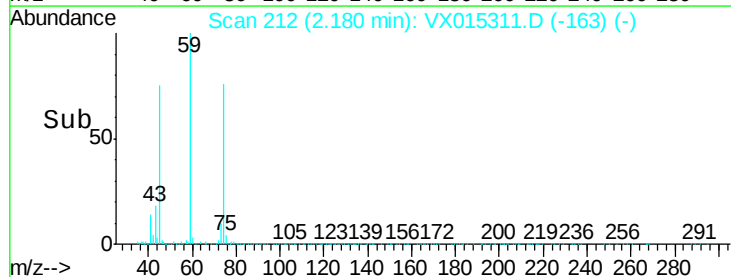
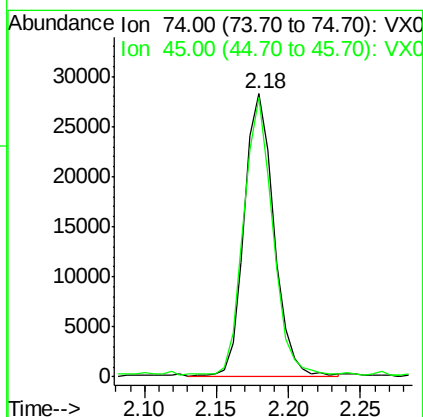
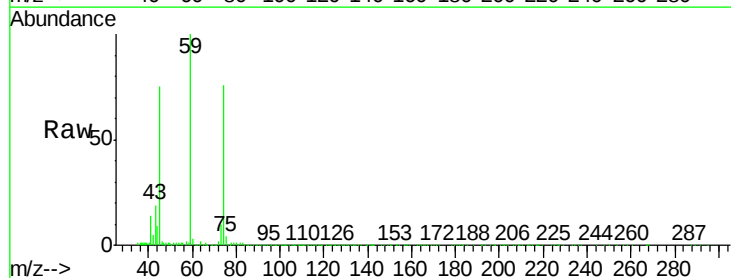
MMDadoda
3/18/2020 4:16:48 PM

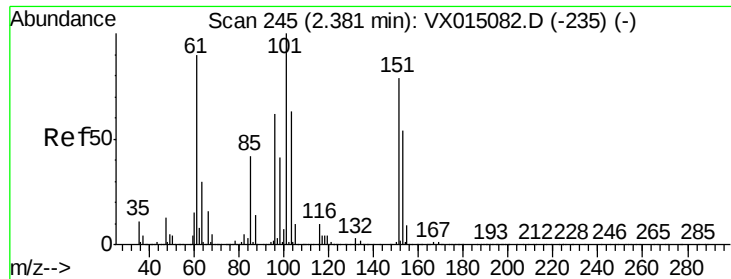


#8

Diethyl Ether
Concen: 19.327 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.9	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.250 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

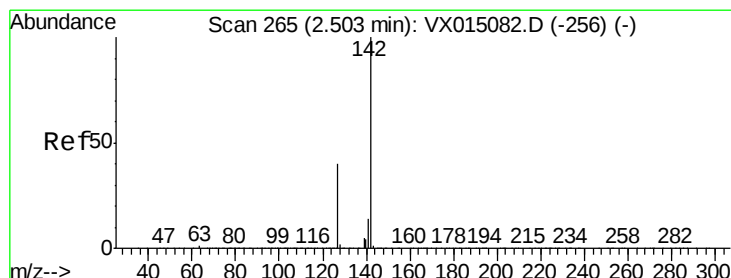
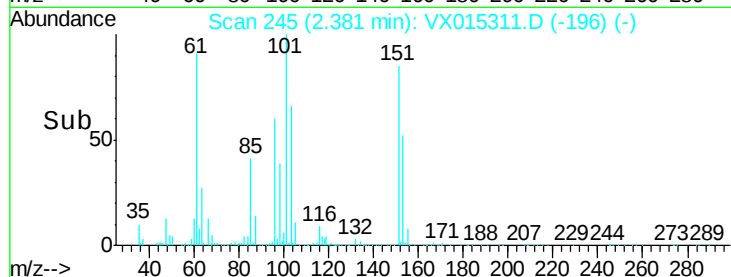
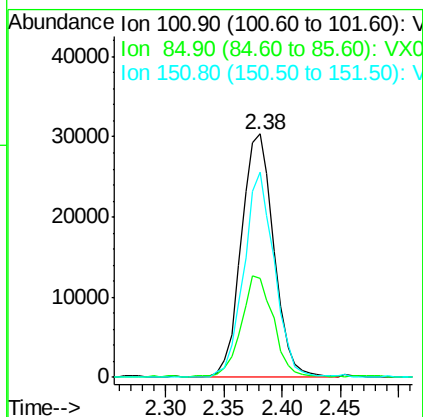
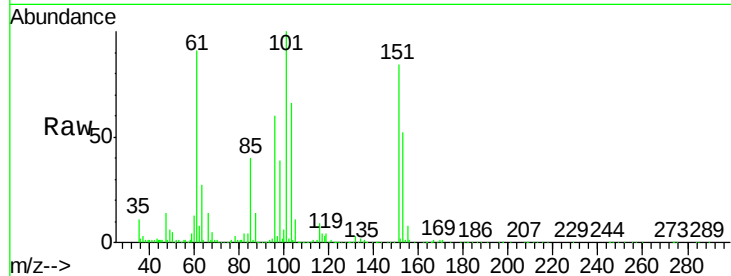
ClientSampleId :

VX0317WBS01

Tot Ion:	101	Resp:	59136
Ion Ratio	Lower	Upper	
101	100		
85	40.7	33.7	50.5
151	79.9	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 16.707 ug/l

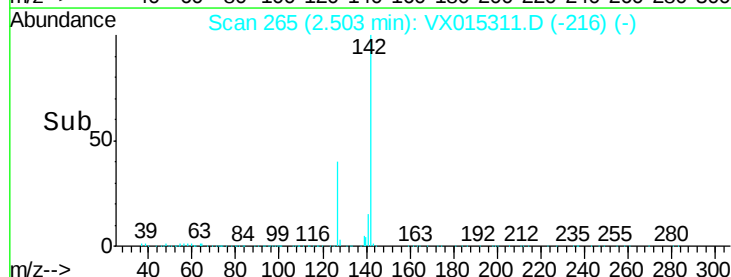
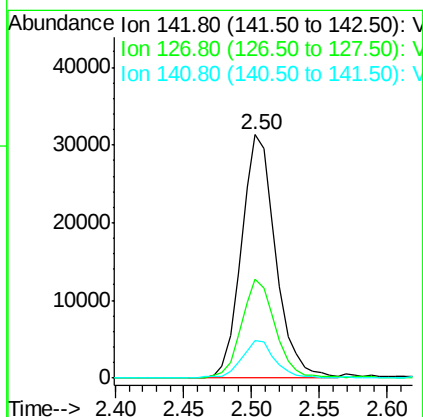
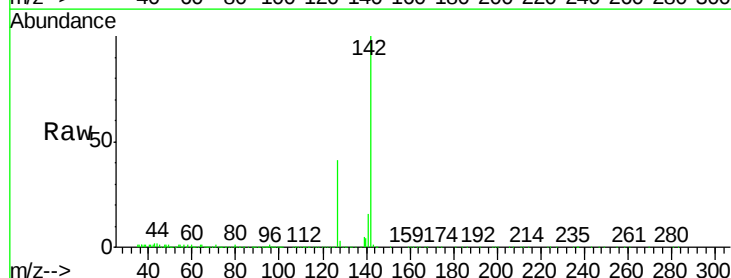
RT: 2.50 min Scan# 265

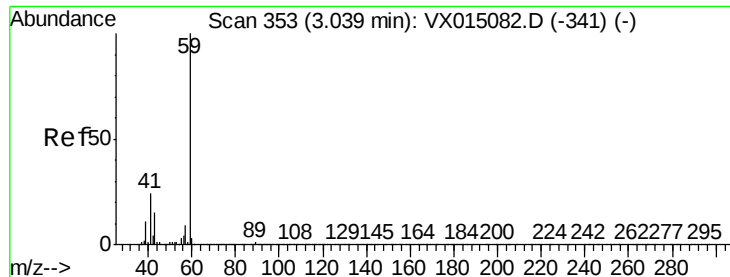
Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion:	142	Resp:	55120
Ion Ratio	Lower	Upper	
142	100		
127	40.6	31.7	47.5
141	15.6	11.3	16.9





#11

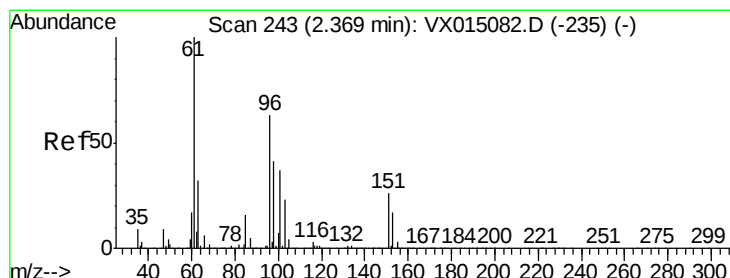
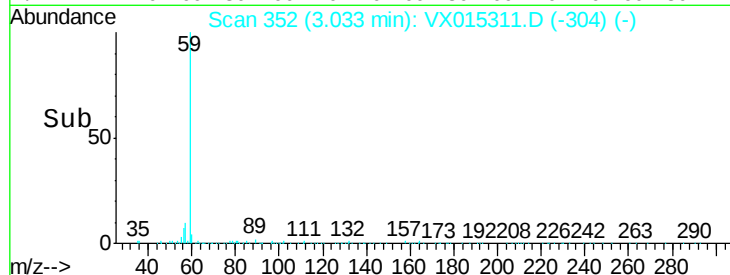
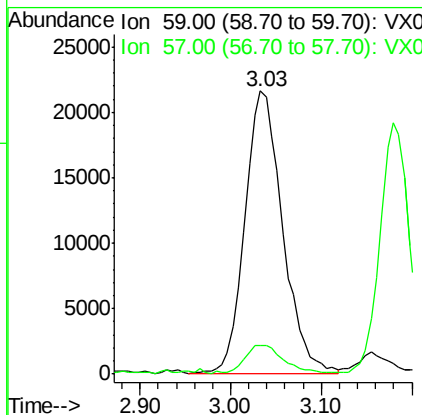
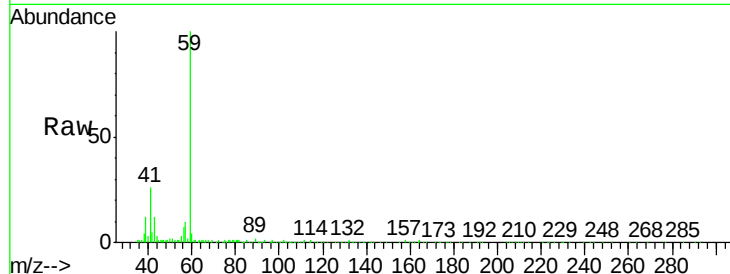
Tert butyl alcohol
Concen: 97.062 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

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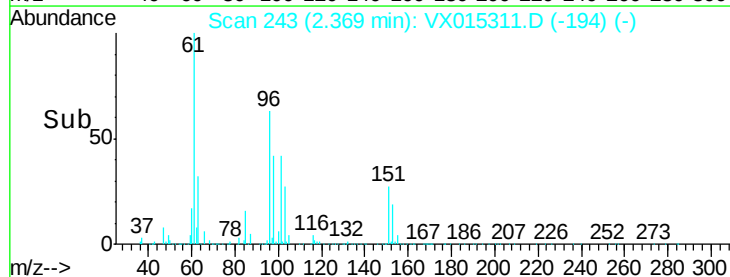
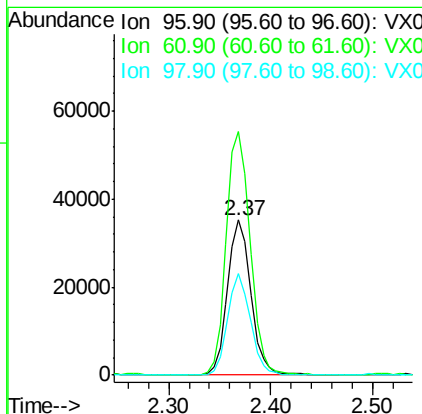
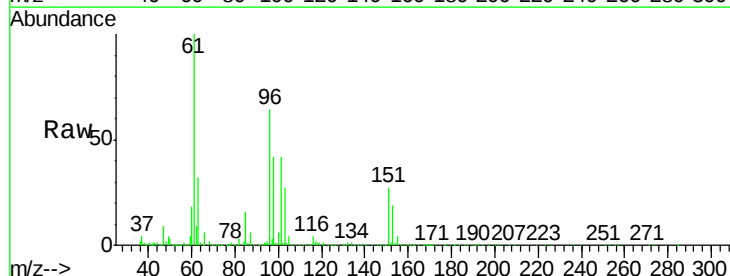
MMDadoda
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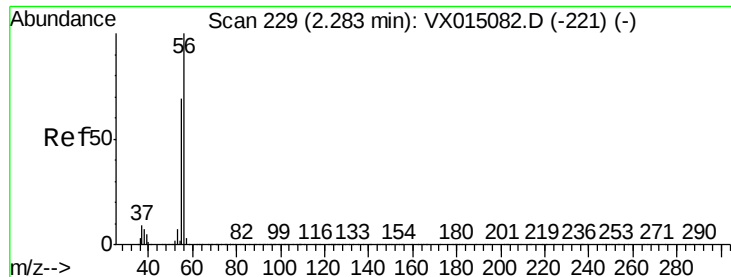


#12

1,1-Dichloroethene
Concen: 18.612 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.1	126.2	189.4
98	65.9	51.4	77.0





#13

Acrolein

Concen: 80.024 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion: 56 Resp: 48008

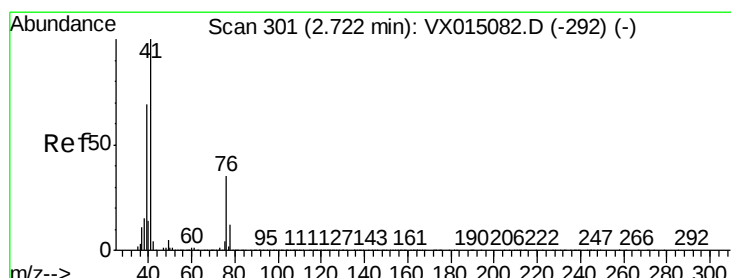
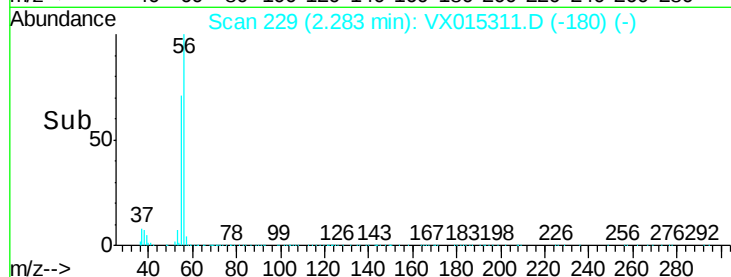
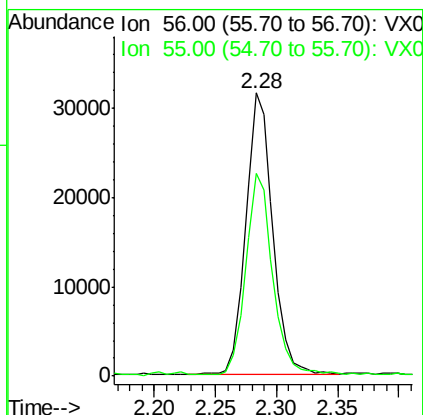
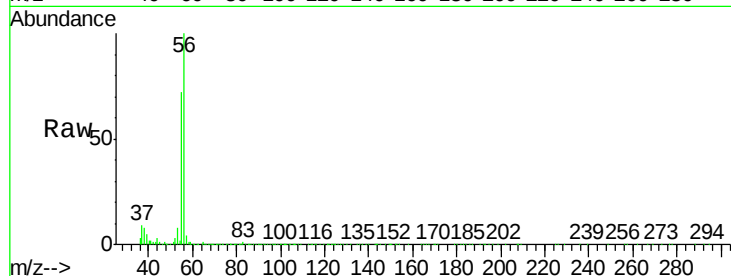
Ion Ratio Lower Upper

56 100

55 72.2 55.4 83.0

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#14

Allyl chloride

Concen: 20.156 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

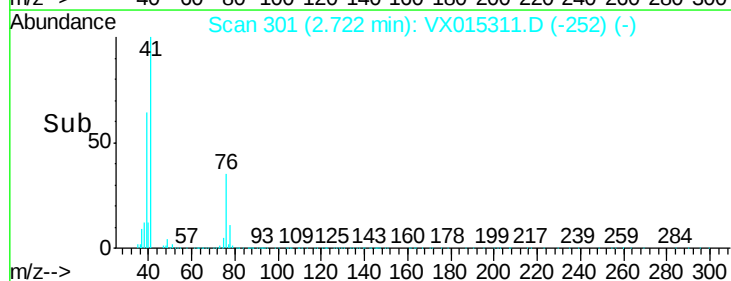
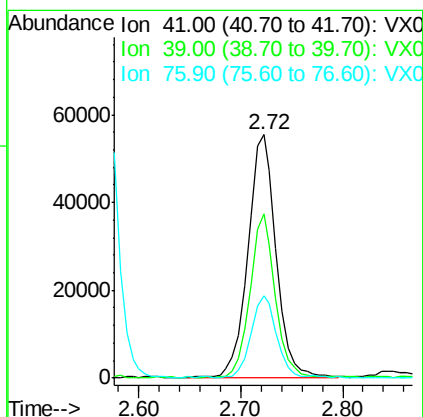
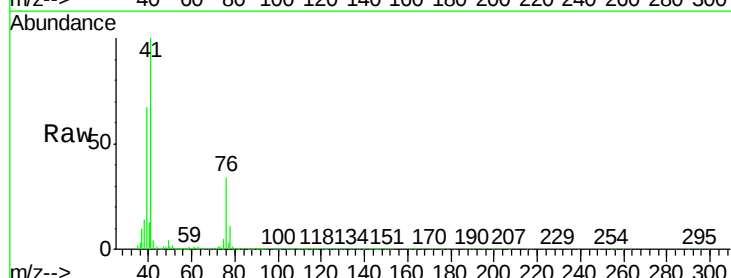
Tgt Ion: 41 Resp: 105924

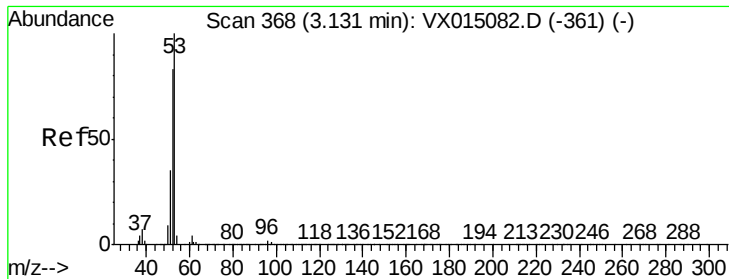
Ion Ratio Lower Upper

41 100

39 60.2 52.9 79.3

76 30.1 26.8 40.2





#15

Acrylonitrile

Concen: 102.732 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

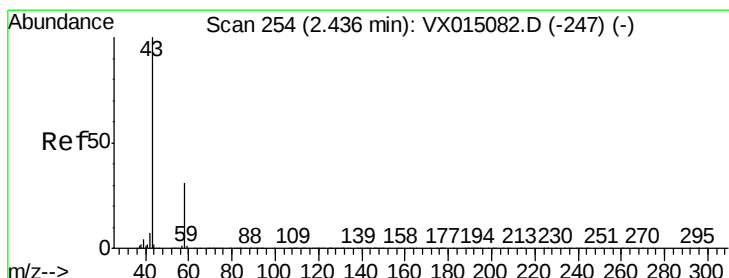
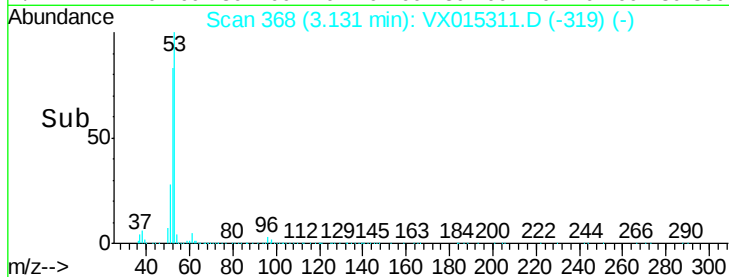
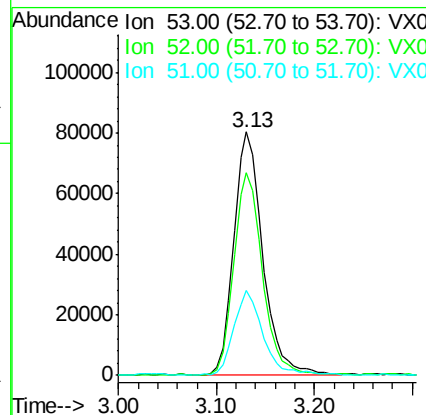
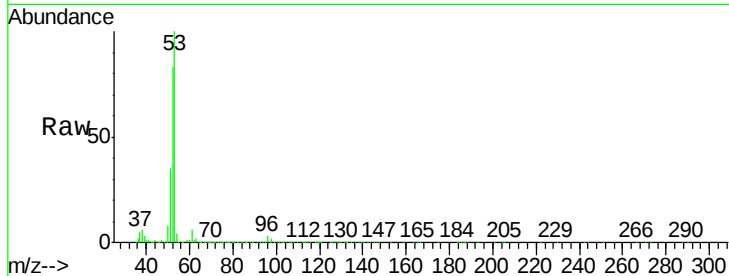
ClientSampleId :

VX0317WBS01

Tot Ion:	53	Resp:	163325
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.6	100.0
51	36.1	29.0	43.6

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#16

Acetone

Concen: 109.798 ug/l

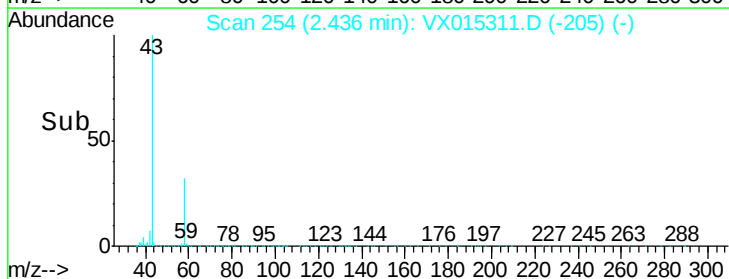
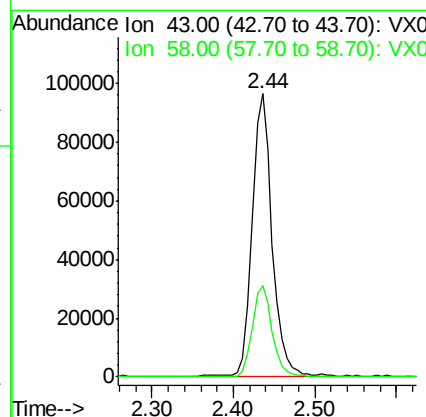
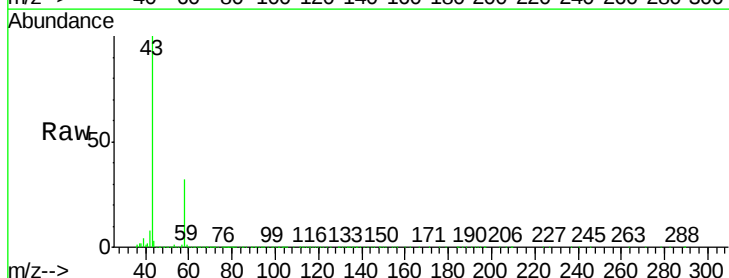
RT: 2.44 min Scan# 254

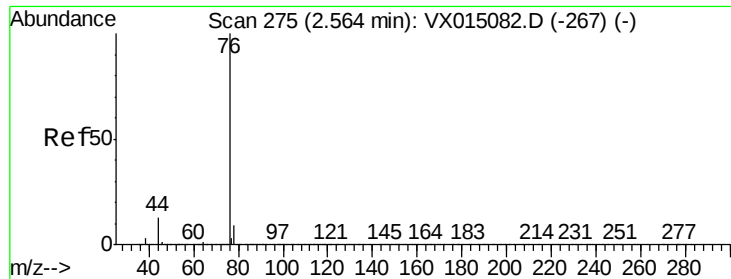
Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion:	43	Resp:	163609
Ion Ratio	Lower	Upper	
43	100		
58	32.0	24.8	37.2





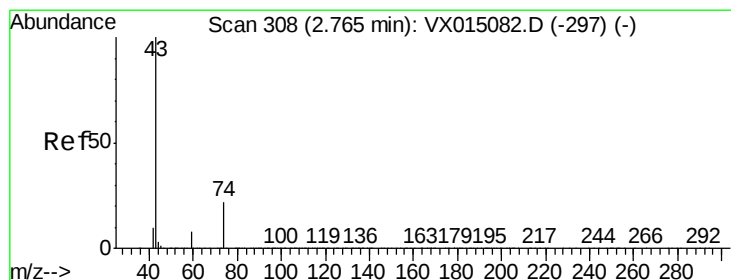
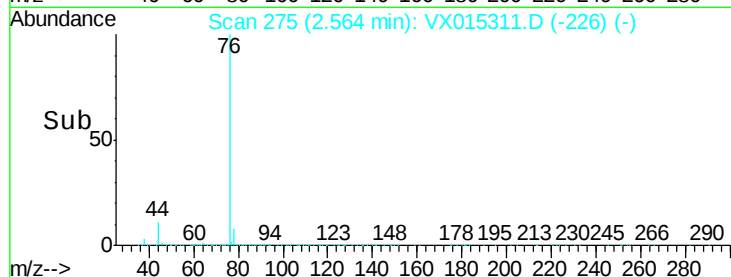
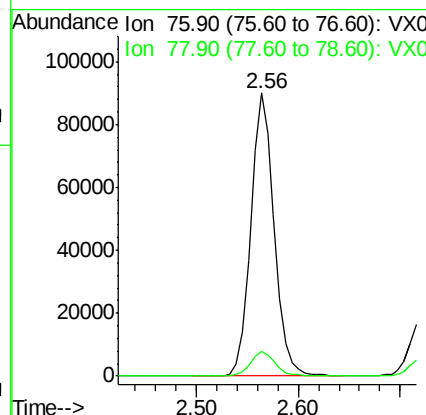
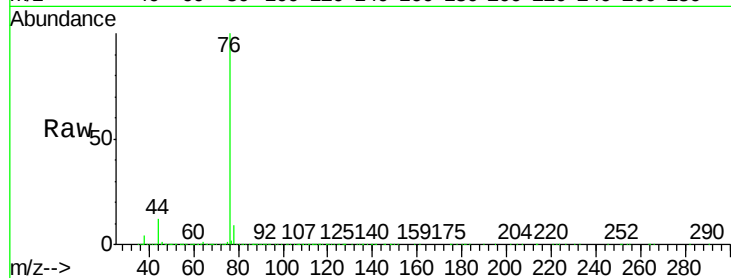
#17
Carbon Disulfide
Concen: 17.032 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.3	10.9

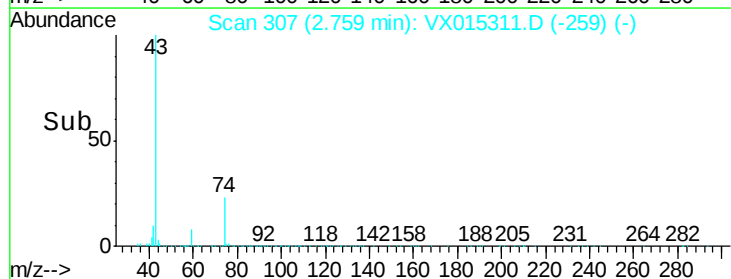
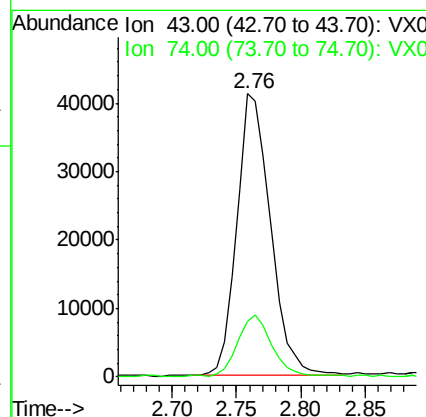
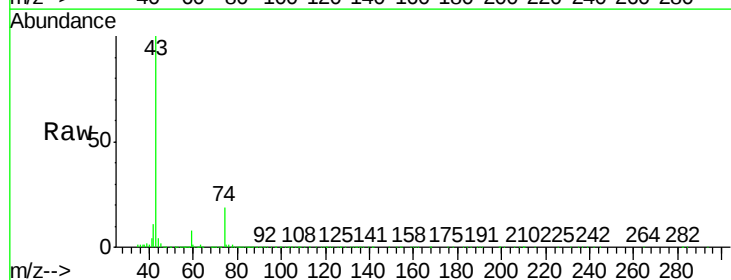
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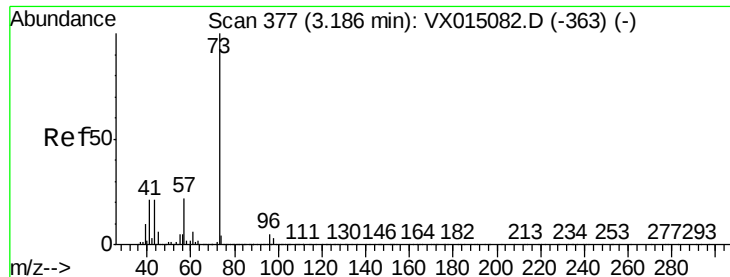
MMDadoda
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#18
Methyl Acetate
Concen: 20.589 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.8	28.2





#19

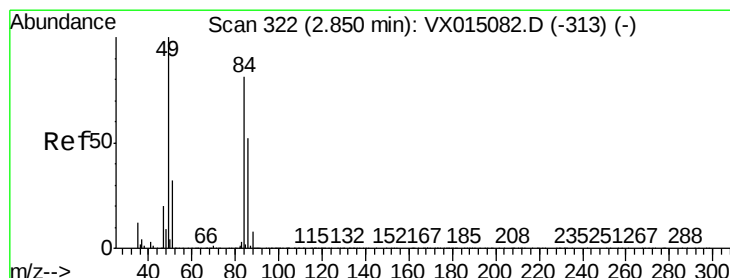
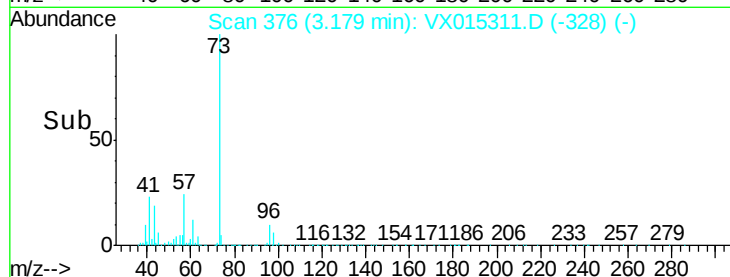
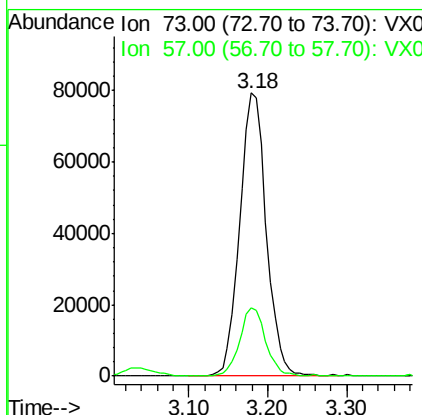
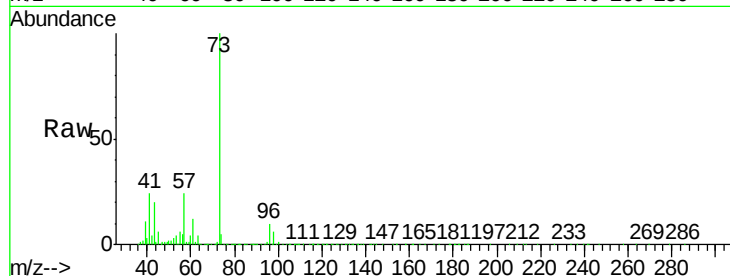
Methyl tert-butyl Ether
 Concen: 19.842 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.0	17.8	26.6

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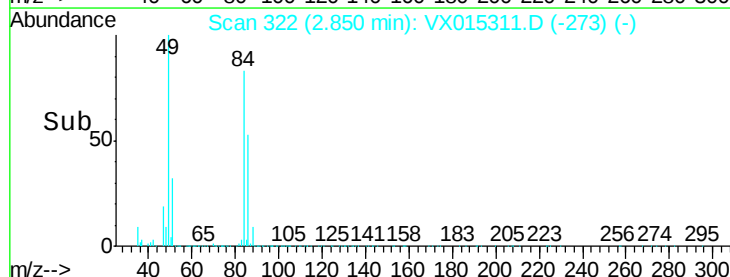
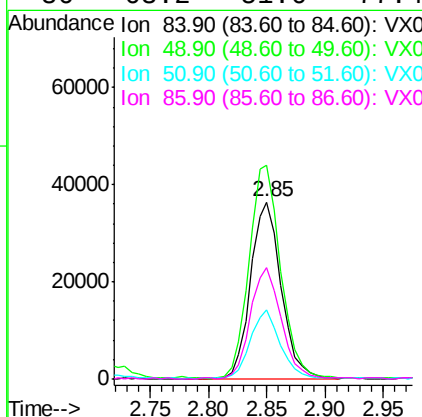
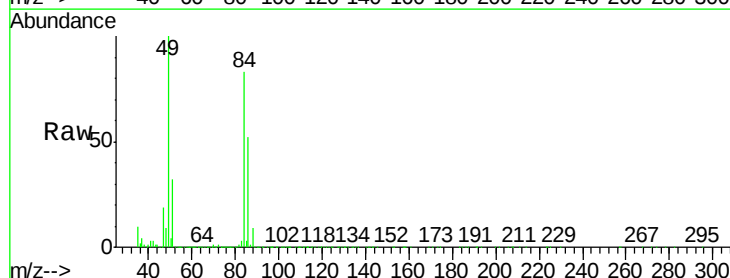
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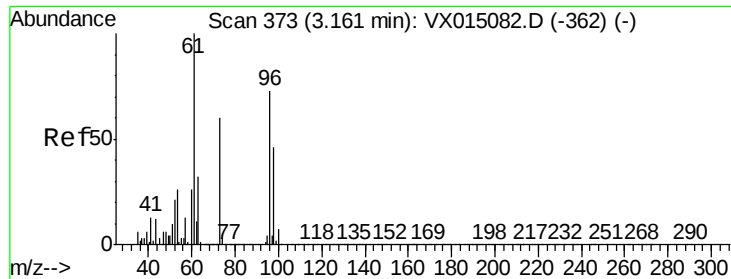


#20

Methylene Chloride
 Concen: 19.130 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.8	99.4	149.2
51	38.6	31.5	47.3
86	63.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 18.853 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion: 96 Resp: 60672

Ion Ratio Lower Upper

96 100

61 136.8 109.9 164.9

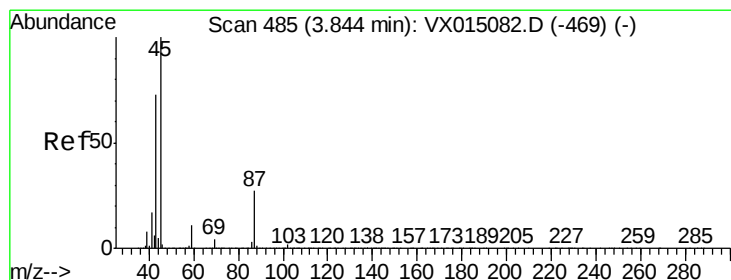
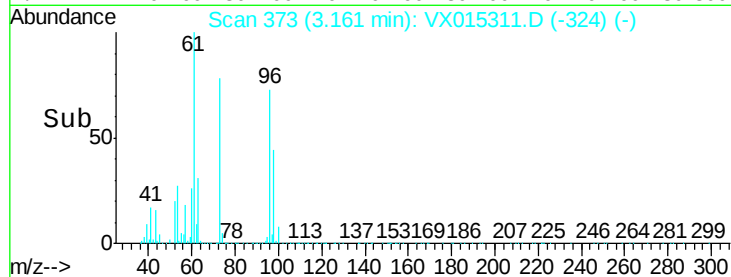
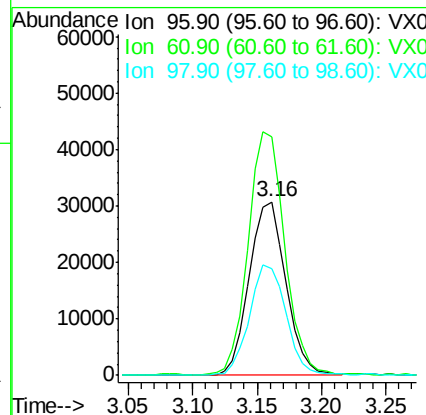
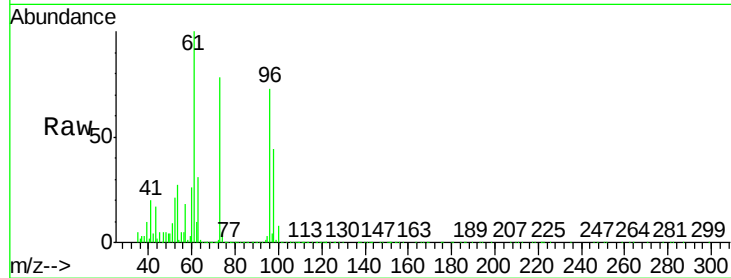
98 60.6 50.2 75.2

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#22

Diisopropyl ether

Concen: 21.091 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion: 45 Resp: 220822

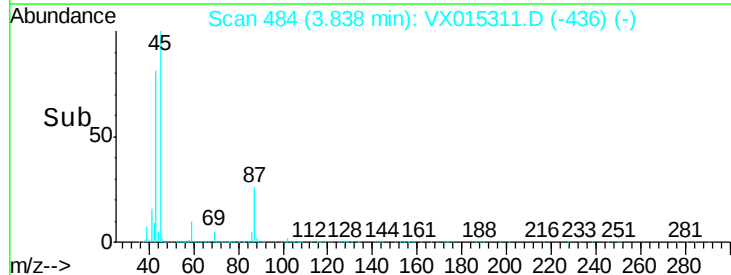
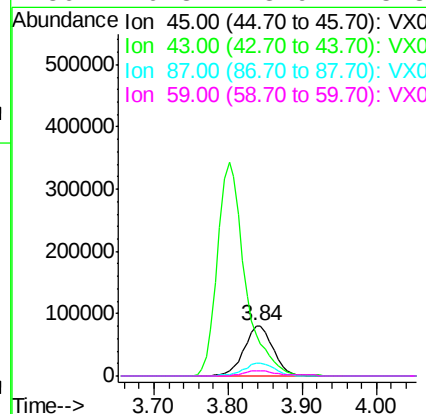
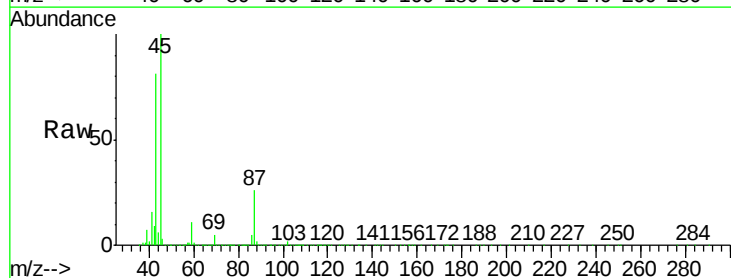
Ion Ratio Lower Upper

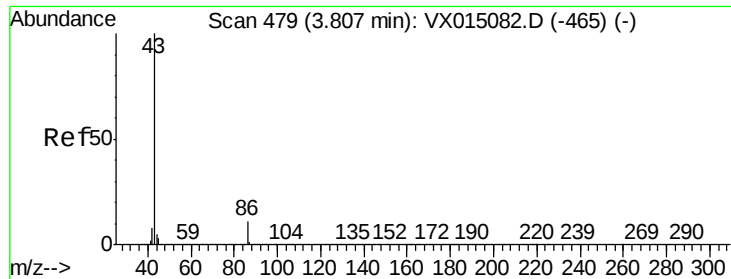
45 100

43 80.8 58.2 87.2

87 25.9 21.2 31.8

59 10.3 8.9 13.3





#23

Vinyl Acetate

Concen: 102.790 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion: 43 Resp: 884653

Ion Ratio Lower Upper

43 100

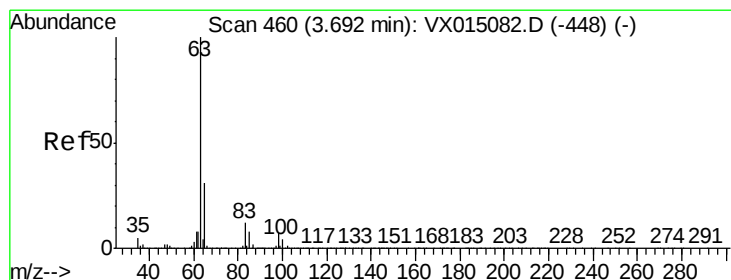
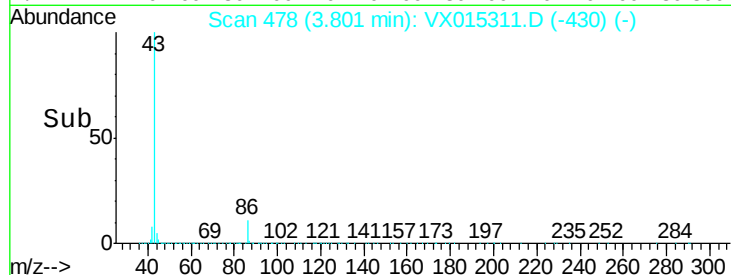
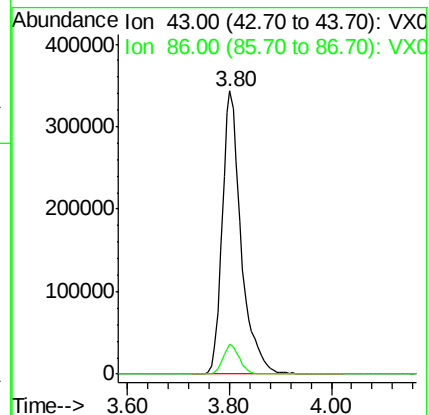
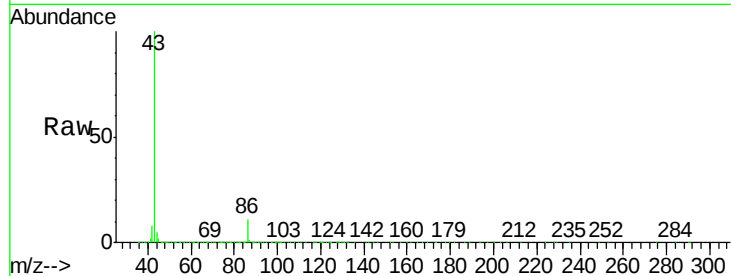
86 10.6 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 19.648 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

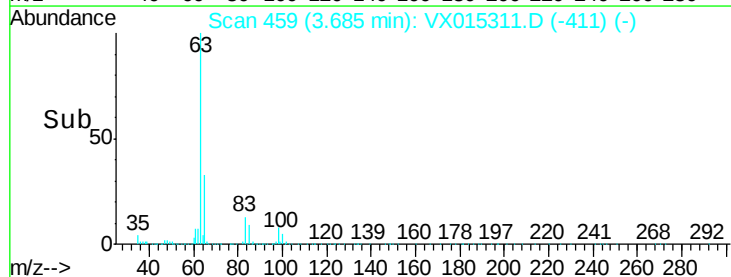
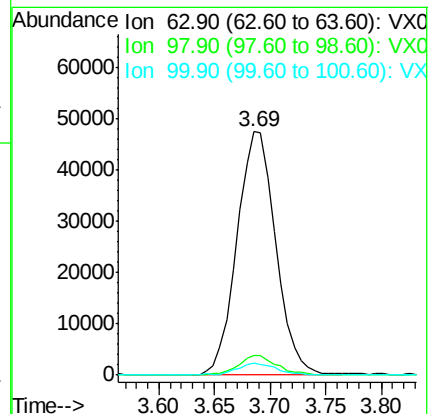
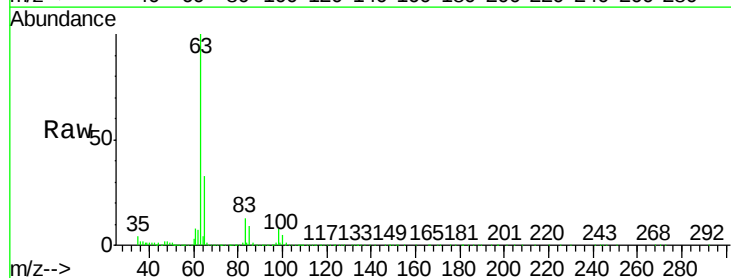
Tgt Ion: 63 Resp: 114170

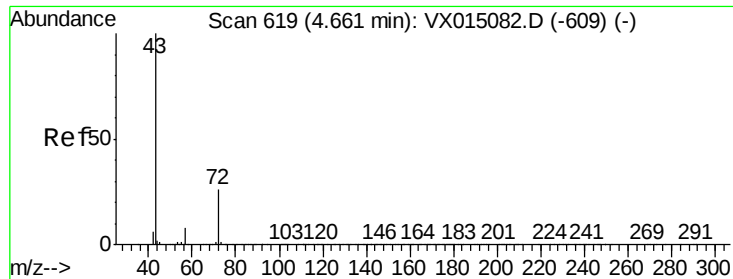
Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 105.621 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion: 43 Resp: 230411

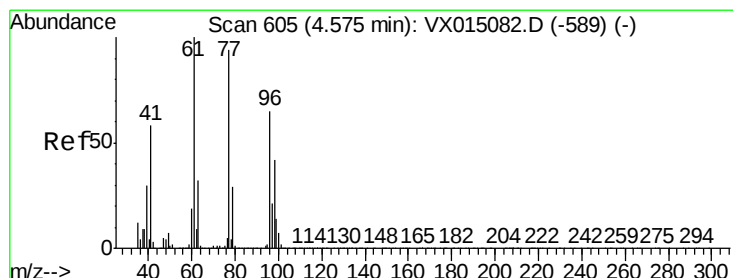
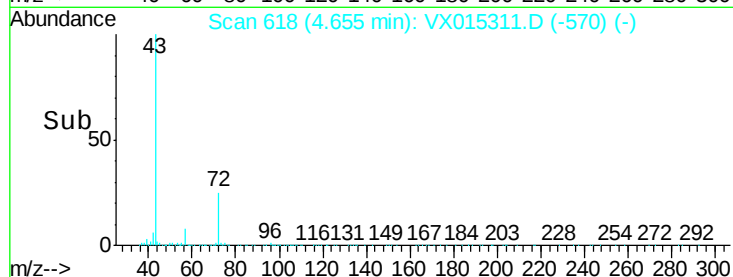
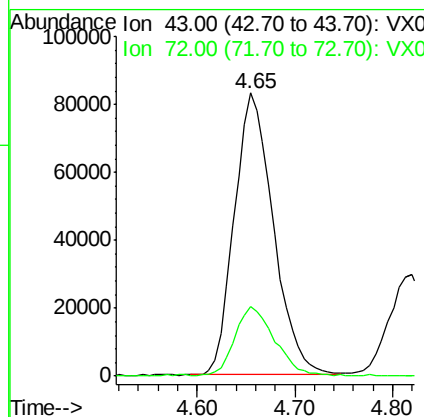
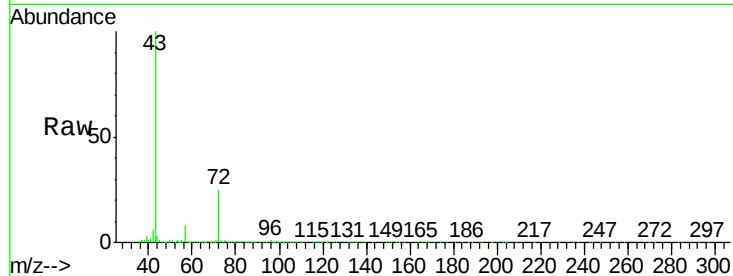
Ion Ratio Lower Upper

43 100

72 24.5 20.6 30.8

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#26

2,2-Dichloropropane

Concen: 18.764 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015311.D

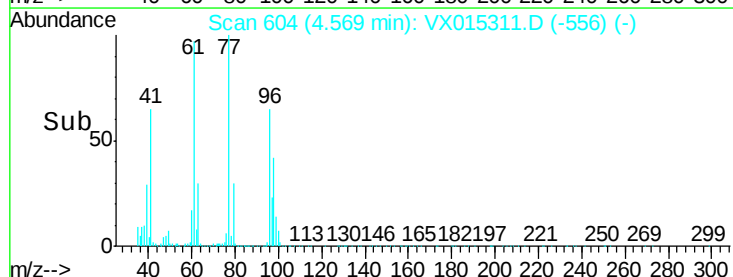
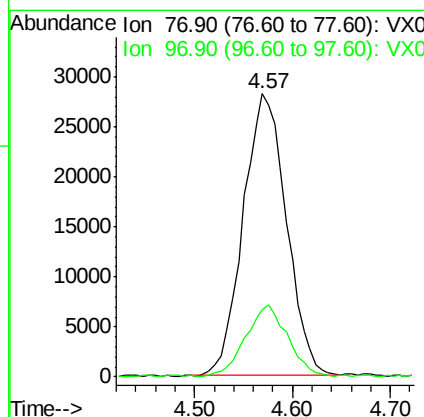
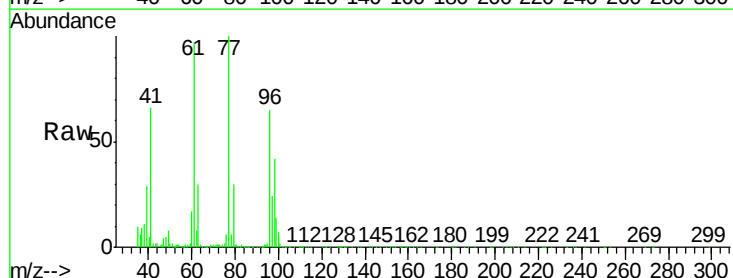
Acq: 17 Mar 2020 09:48

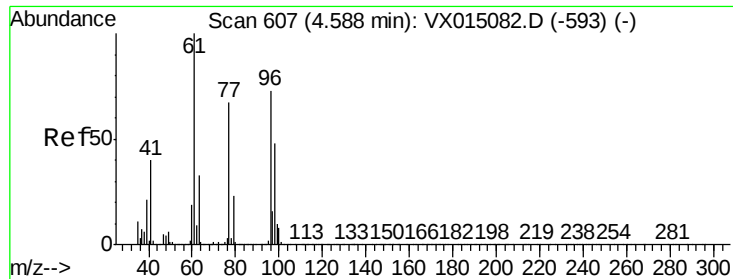
Tgt Ion: 77 Resp: 86560

Ion Ratio Lower Upper

77 100

97 25.1 11.8 35.4





#27

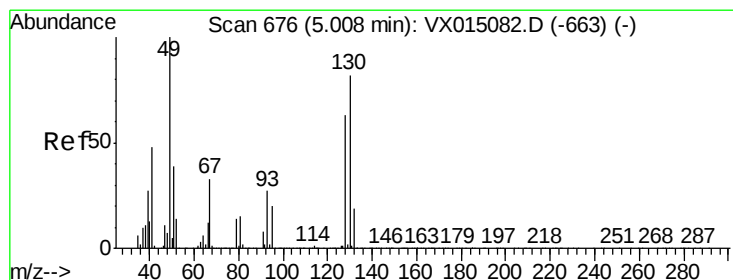
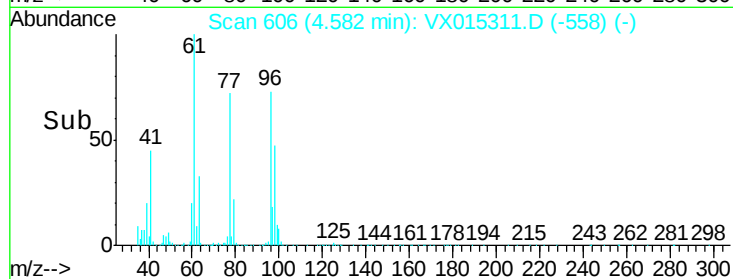
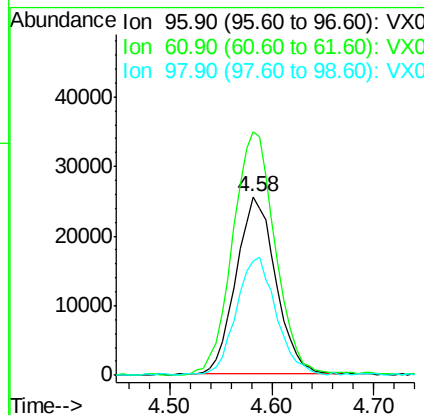
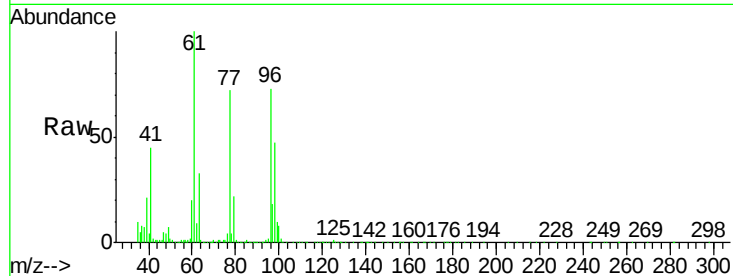
cis-1,2-Dichloroethene
Concen: 19.093 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	68931		
61	146.1	0.0	286.8	
98	67.1	0.0	128.4	

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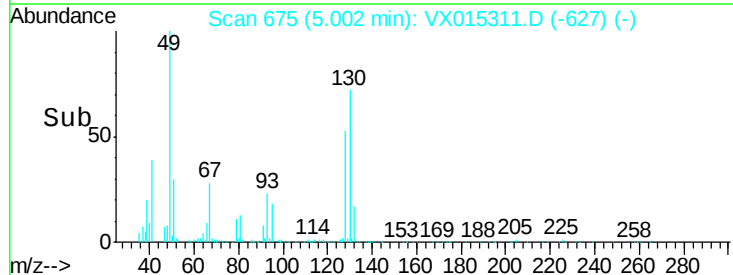
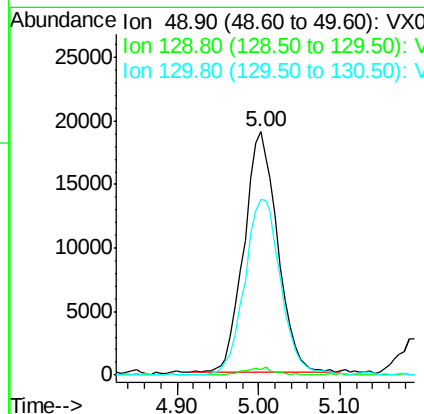
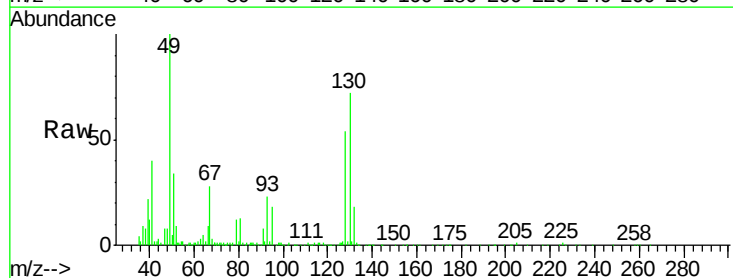
MMDadoda
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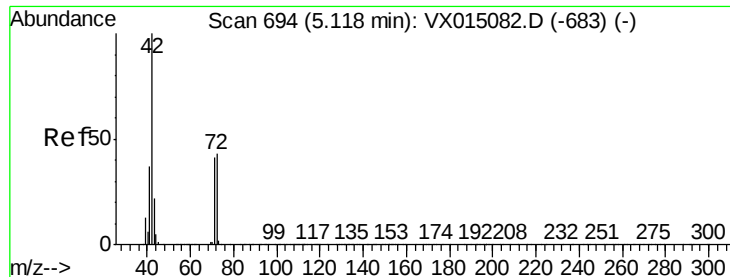


#28

Bromochloromethane
Concen: 20.628 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	54582		
129	2.7	0.0	4.4	
130	78.2	65.0	97.6	





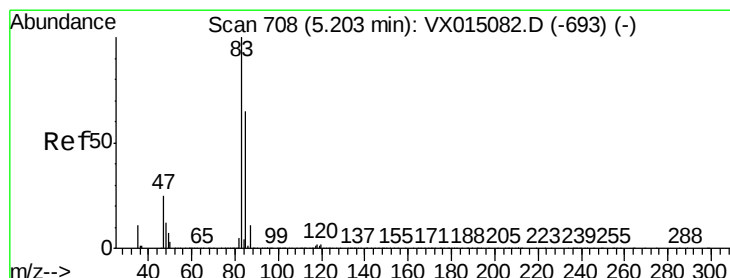
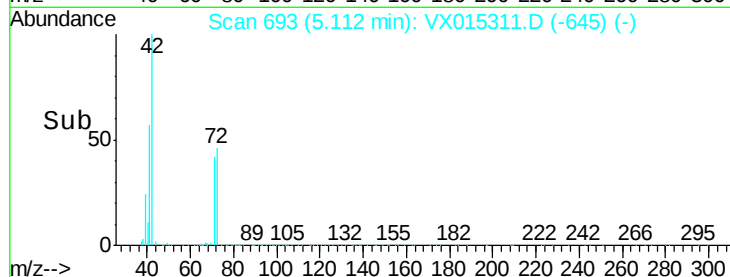
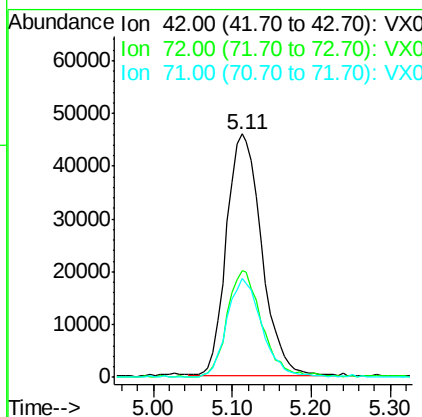
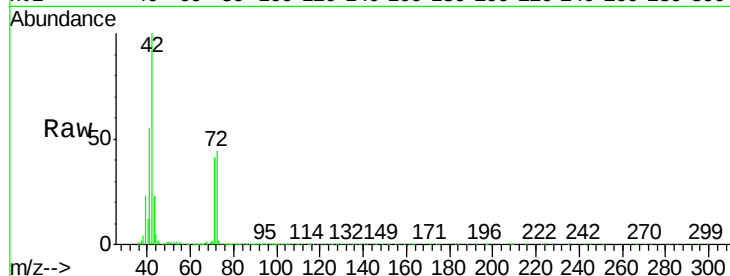
#29
Tetrahydrofuran
Concen: 100.980 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	36.4	54.6
71	40.8	33.3	49.9

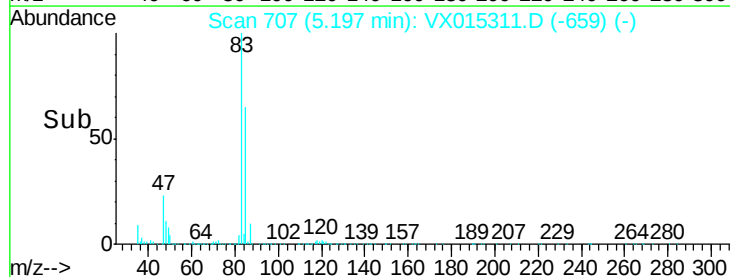
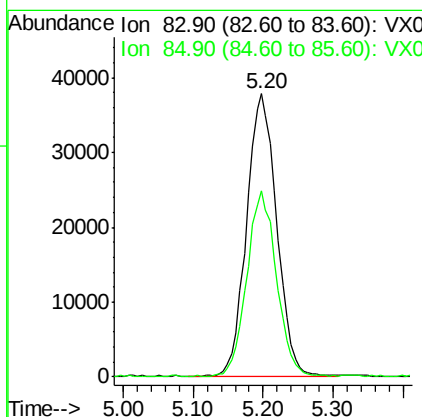
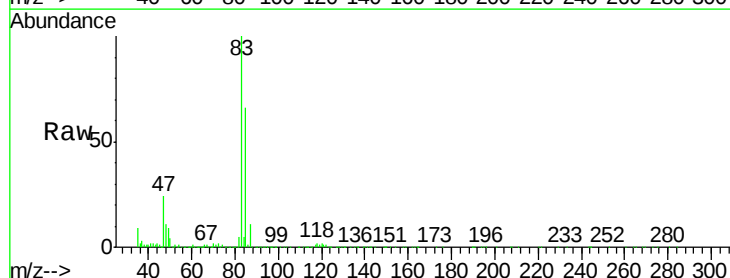
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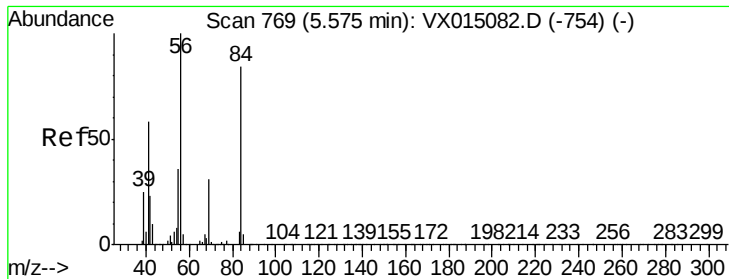
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#30
Chloroform
Concen: 19.903 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.0	78.0





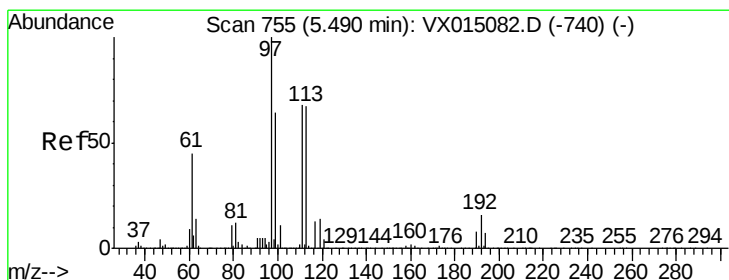
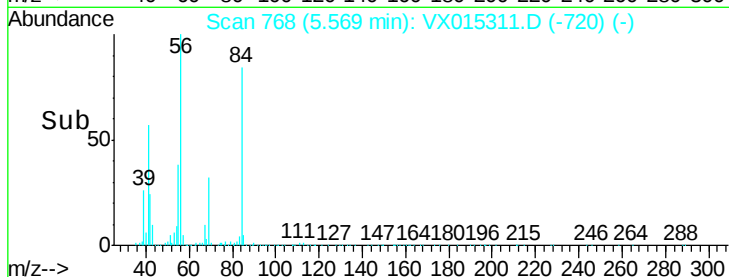
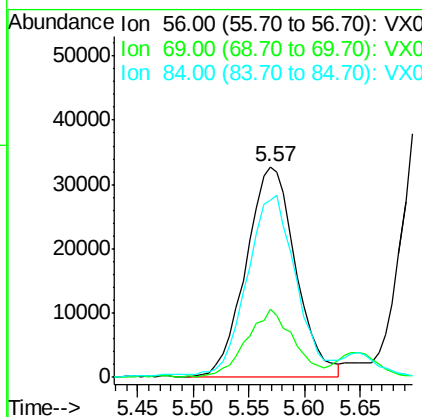
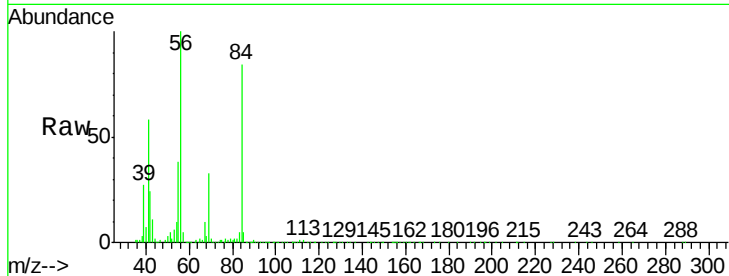
#31
Cyclohexane
Concen: 19.468 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.0	37.6
84	82.8	67.6	101.4

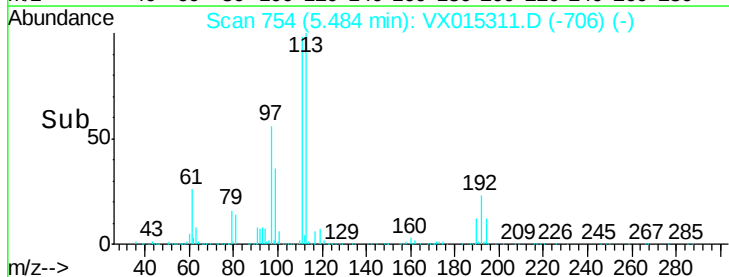
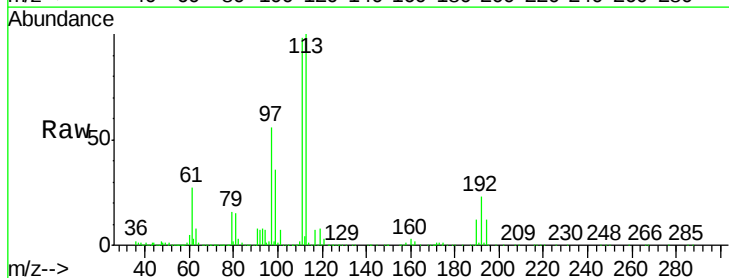
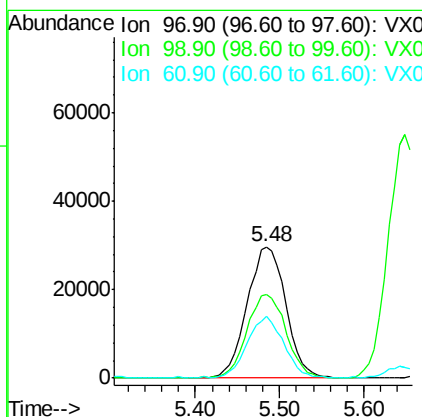
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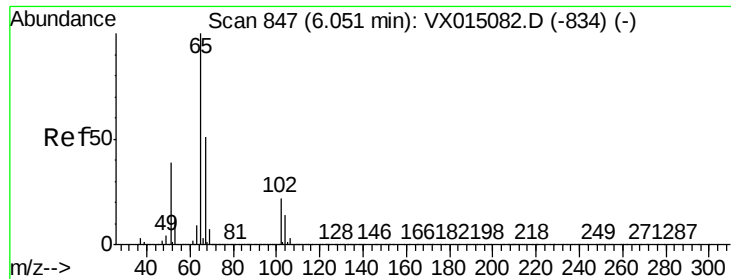
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#32
1,1,1-Trichloroethane
Concen: 19.821 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.8	79.2
61	44.0	36.6	54.8





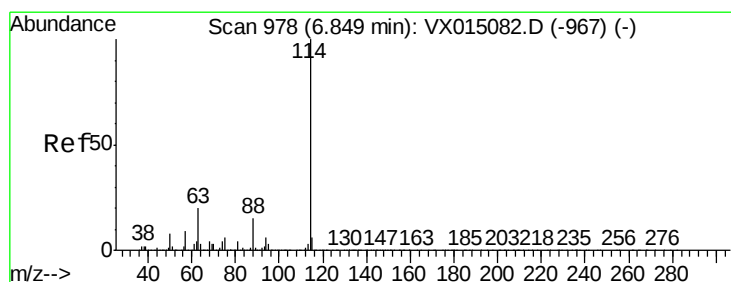
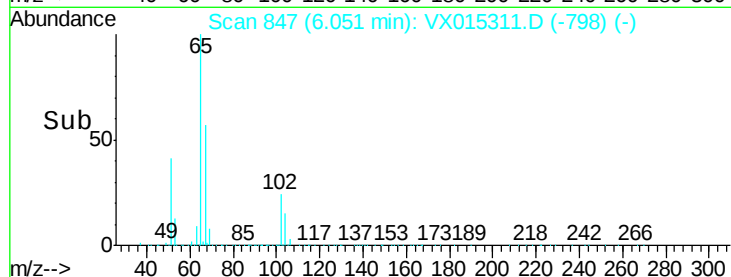
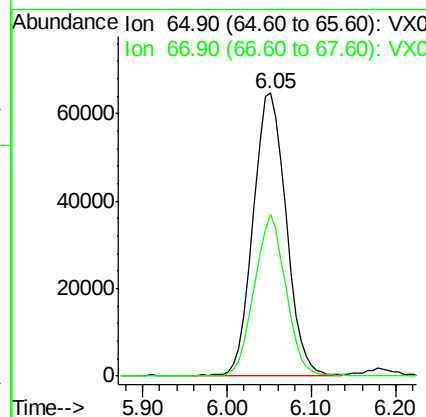
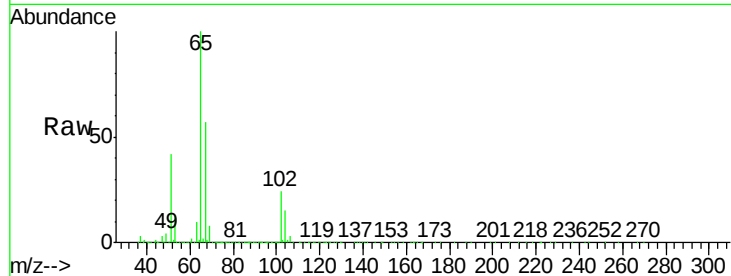
#33
 1,2-Dichloroethane-d4
 Concen: 46.791 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	172163		
67	54.5	0.0	105.6	

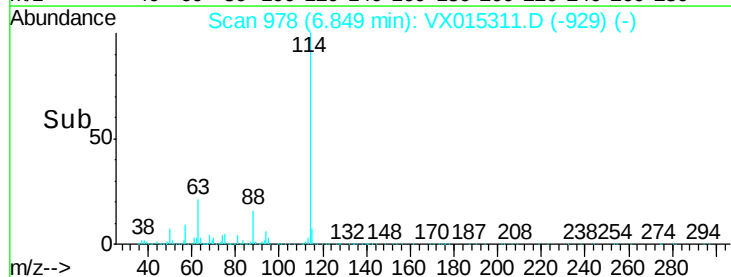
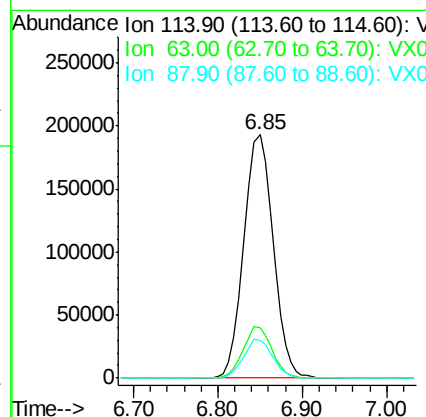
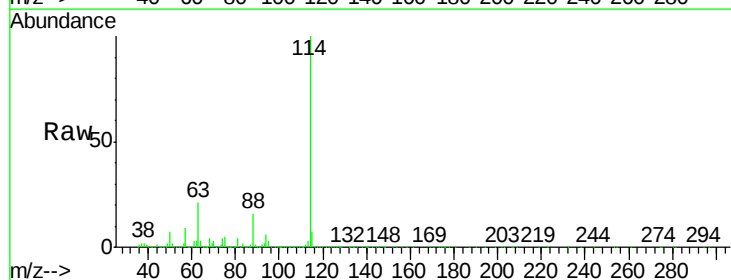
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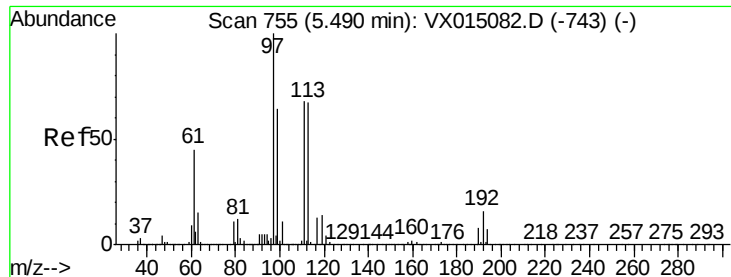
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	455553		
63	20.5	0.0	40.0	
88	15.6	0.0	30.6	





#35

Dibromofluoromethane

Concen: 51.654 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

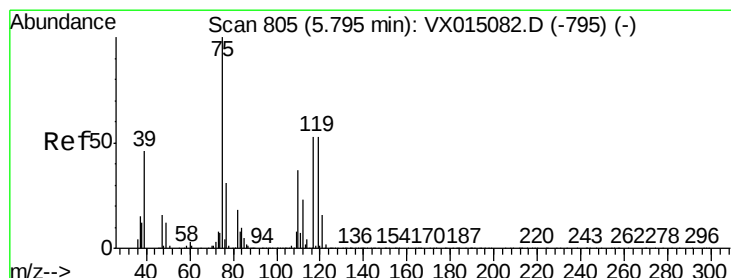
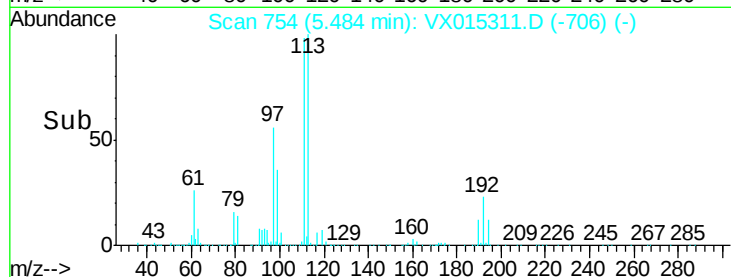
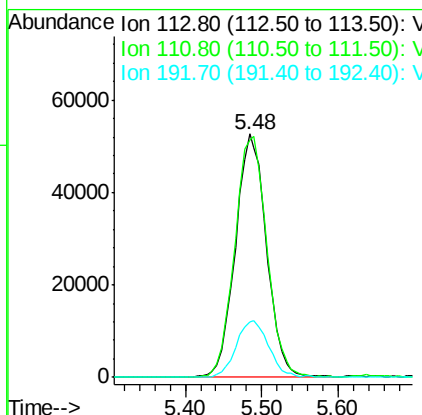
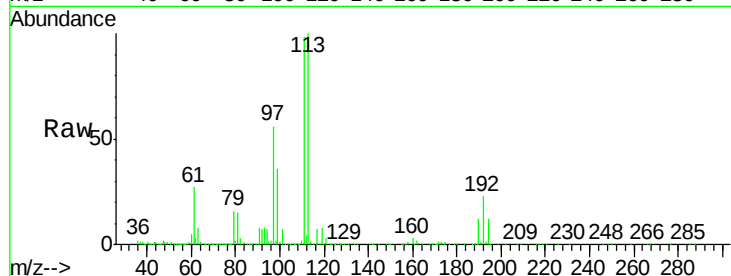
ClientSampleId :

VX0317WBS01

Tot Ion:	113	Resp:	148452
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.6	123.8
192	24.6	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.563 ug/l

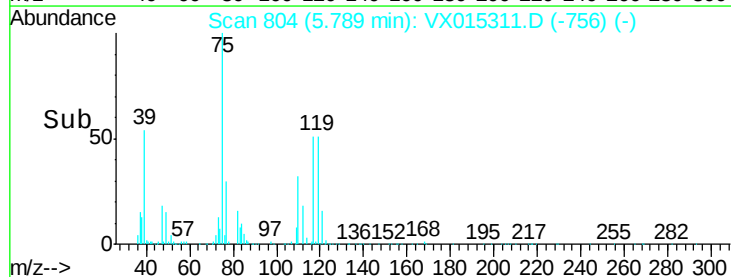
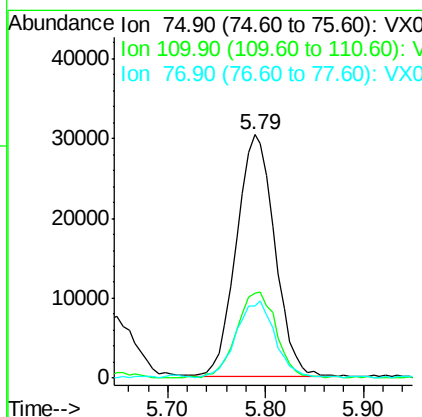
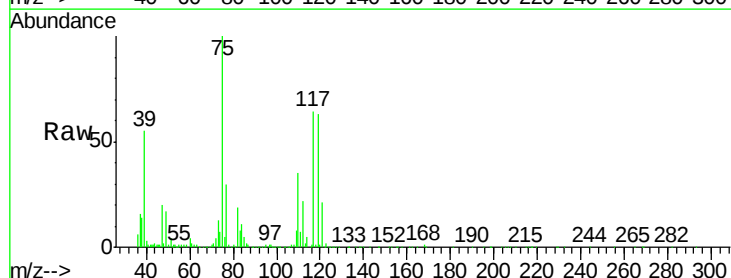
RT: 5.79 min Scan# 804

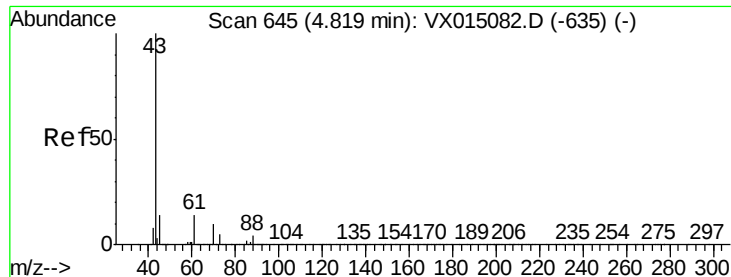
Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion:	75	Resp:	82386
Ion Ratio	Lower	Upper	
75	100		
110	37.5	17.9	53.8
77	31.7	24.8	37.2





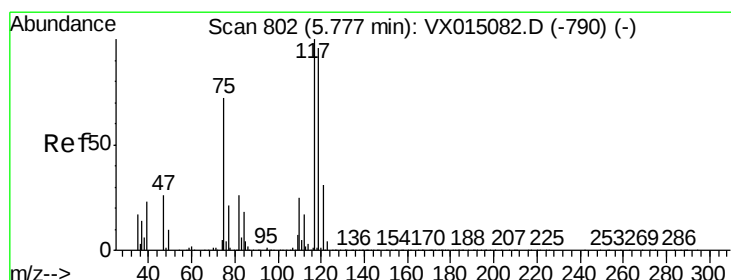
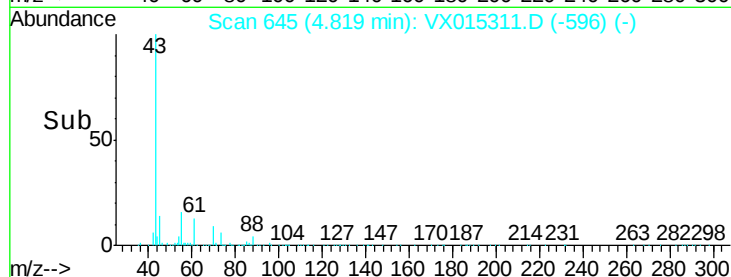
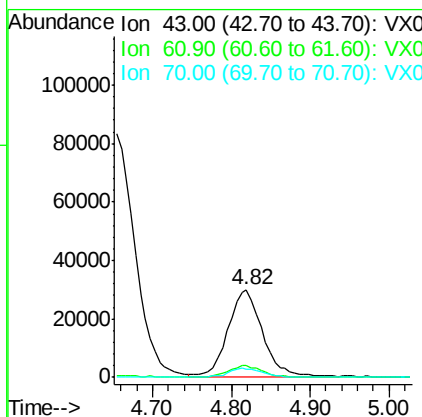
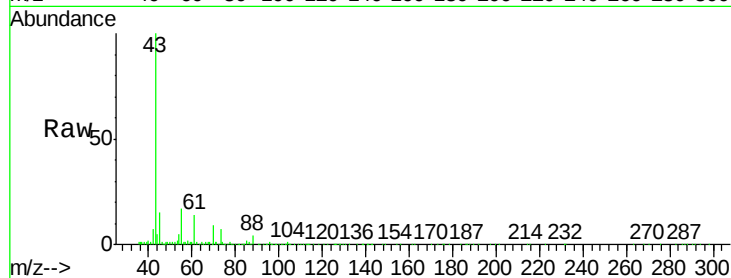
#37
Ethyl Acetate
Concen: 22.585 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion:	43	Resp:	88227
Ion Ratio	Lower	Upper	
43	100		
61	12.9	11.0	16.4
70	10.5	8.1	12.1

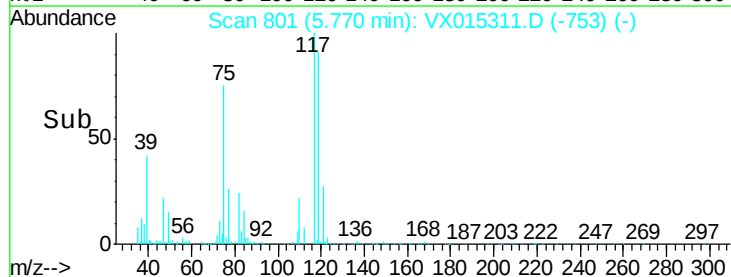
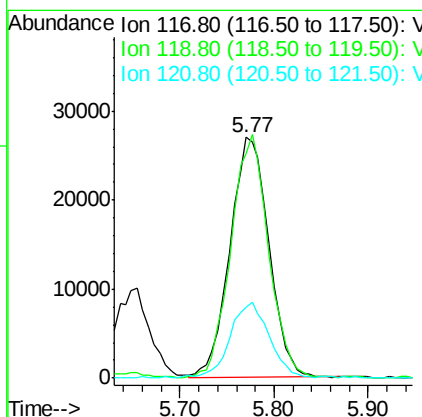
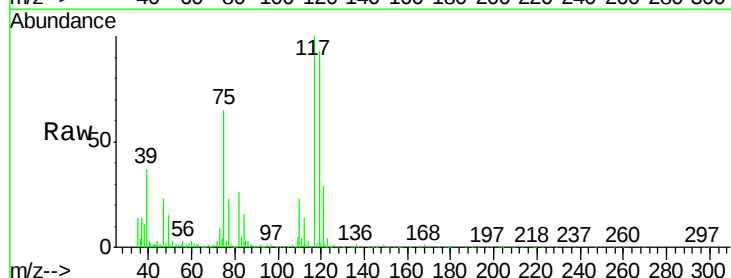
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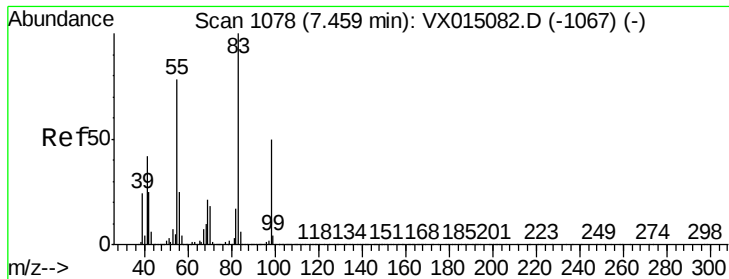
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#38
Carbon Tetrachloride
Concen: 19.558 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion:	117	Resp:	77747
Ion Ratio	Lower	Upper	
117	100		
119	93.3	76.9	115.3
121	28.7	24.6	37.0





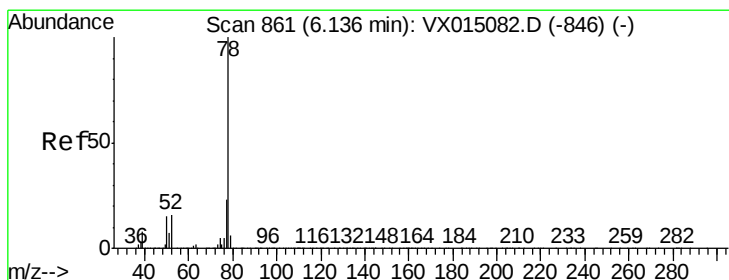
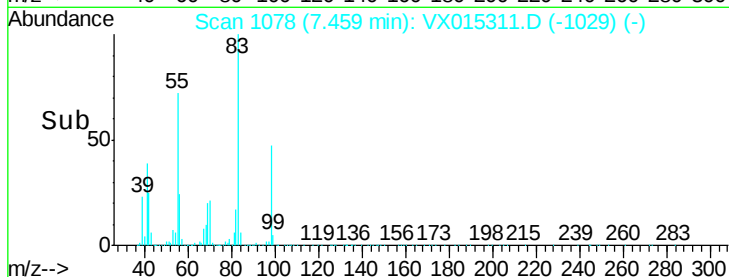
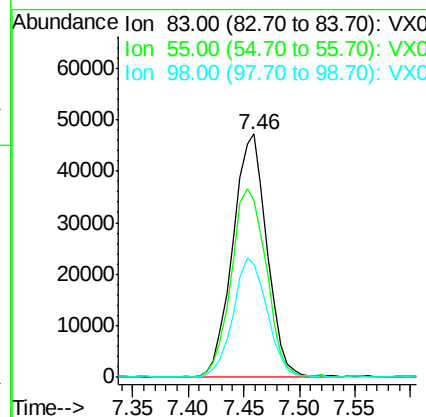
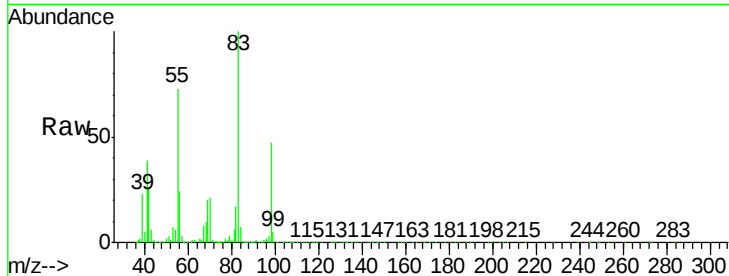
#39
Methvlcvclohexane
Concen: 20.326 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion:	83	Resp:	99954
Ion	Ratio	Lower	Upper
83	100		
55	72.6	62.4	93.6
98	46.4	39.7	59.5

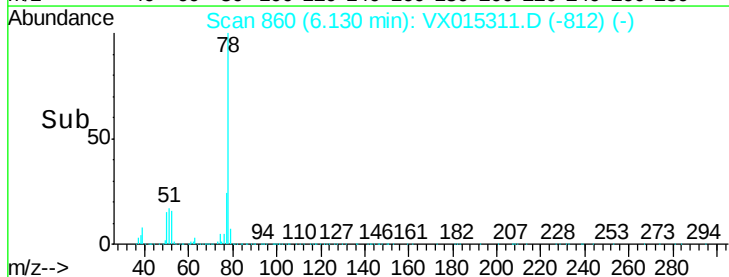
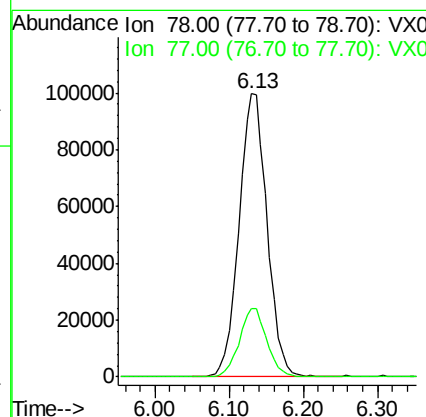
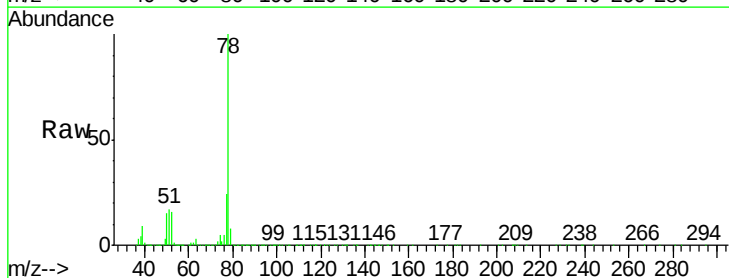
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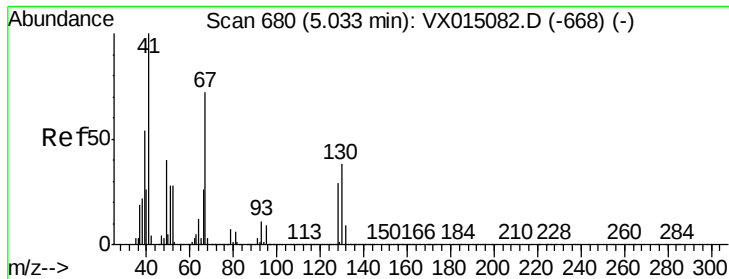
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#40
Benzene
Concen: 20.977 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion:	78	Resp:	262106
Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	28.0





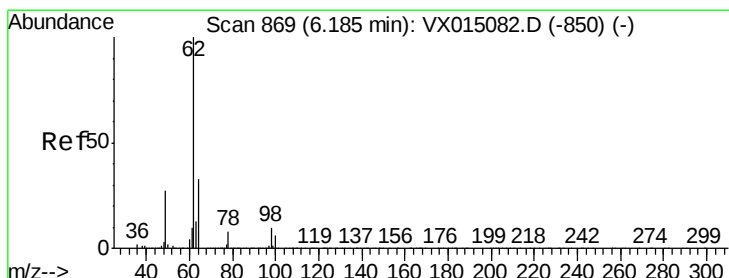
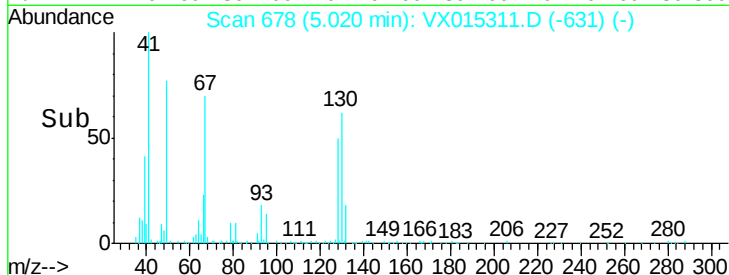
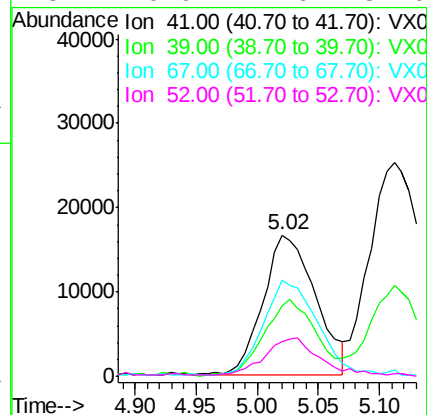
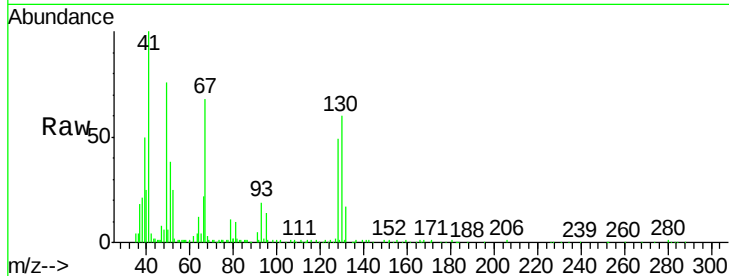
#41
Methacrylonitrile
Concen: 21.158 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.8	43.9	65.9	
67	69.7	57.8	86.8	
52	26.9	22.6	34.0	

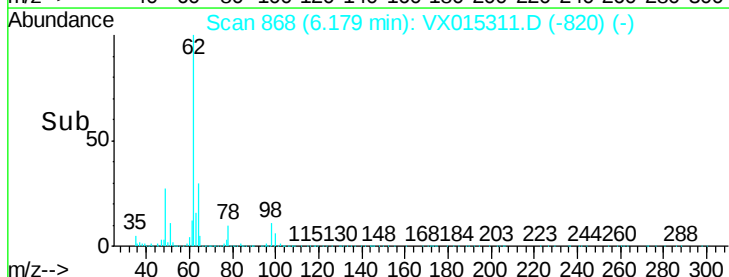
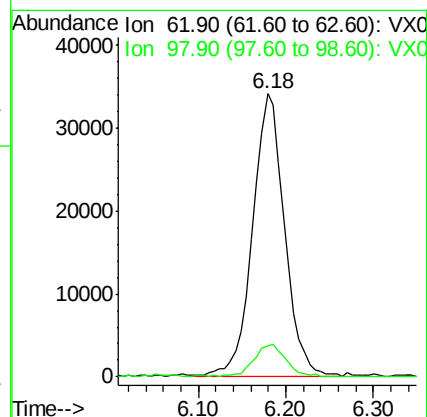
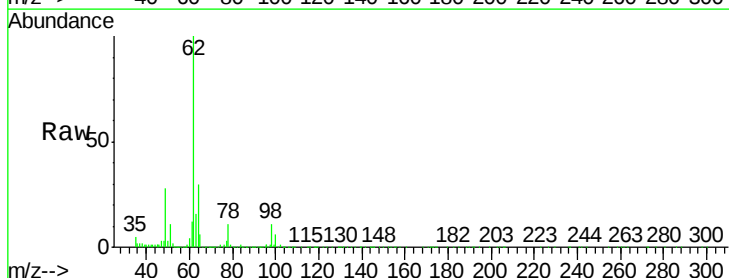
Manual Integrations
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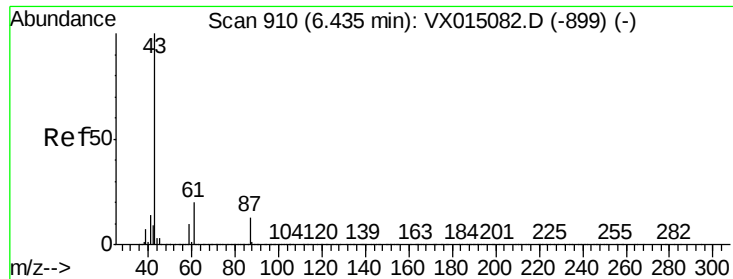
MMDadoda
3/18/2020 4:16:48 PM



#42
1,2-Dichloroethane
Concen: 19.988 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.7	0.0	20.6	





#43

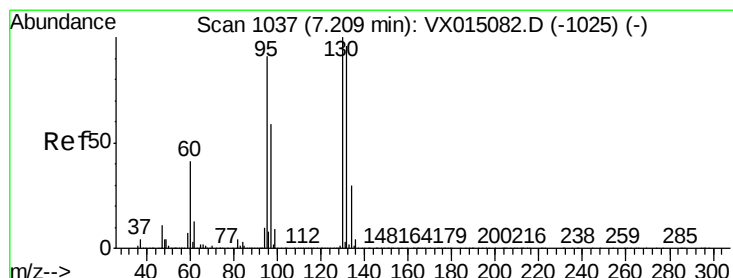
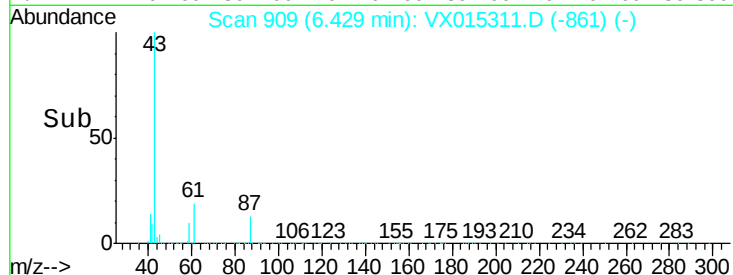
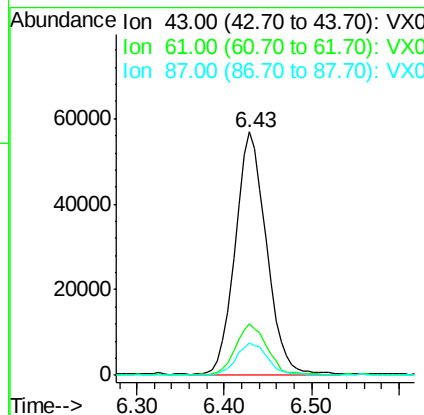
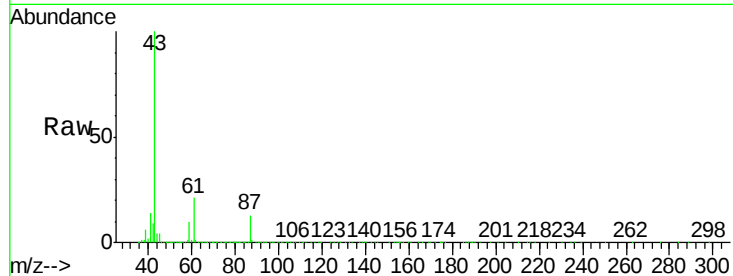
Isopropyl Acetate
 Concen: 20.390 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.1	24.1
87	13.0	10.6	16.0

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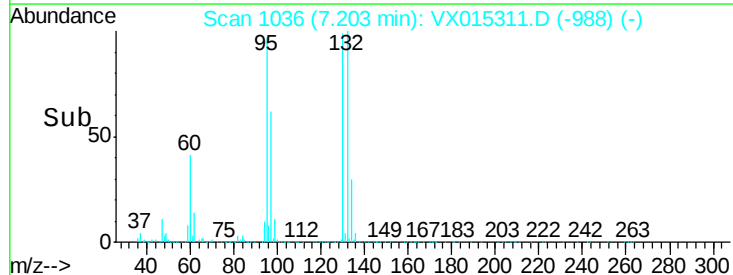
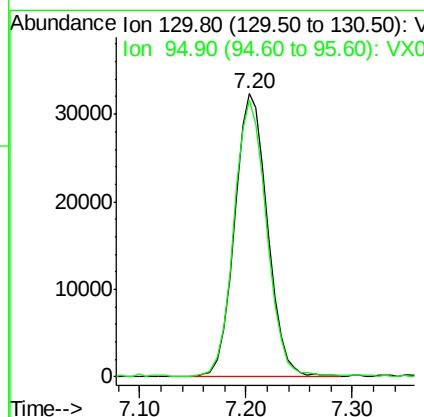
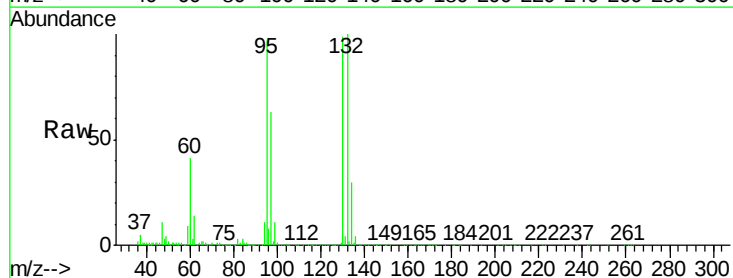
MMDadoda
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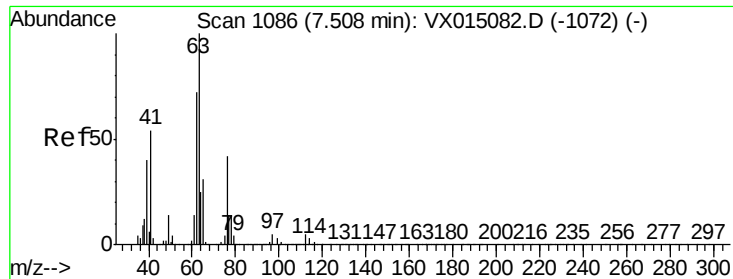


#44

Trichloroethene
 Concen: 20.090 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	181.2





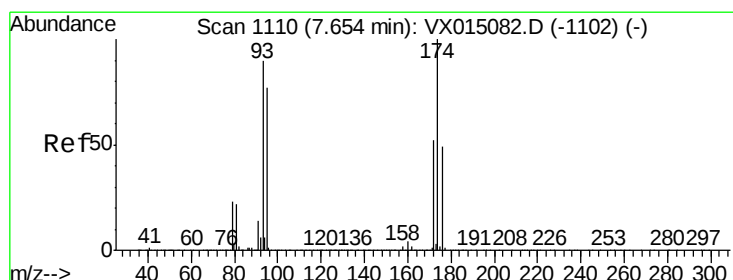
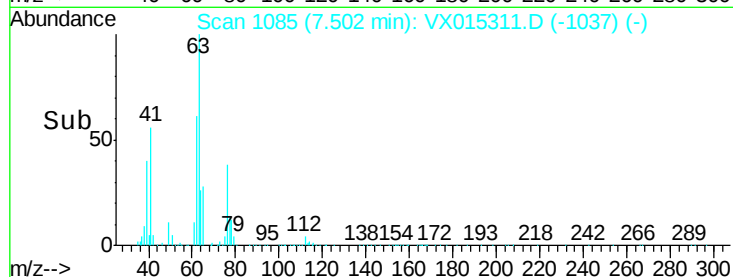
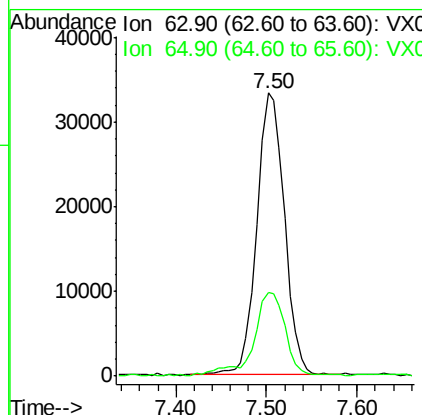
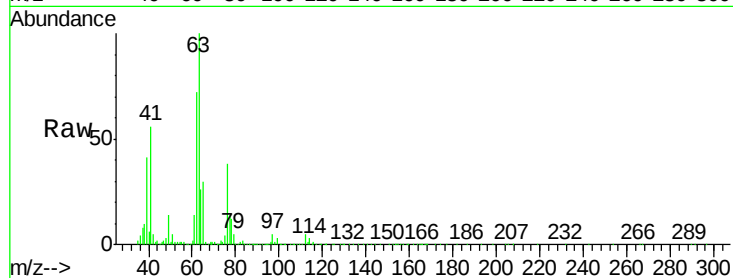
#45
 1,2-Dichloropropane
 Concen: 21.693 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.6	36.8

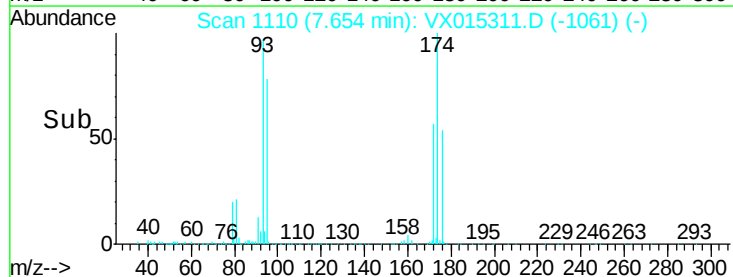
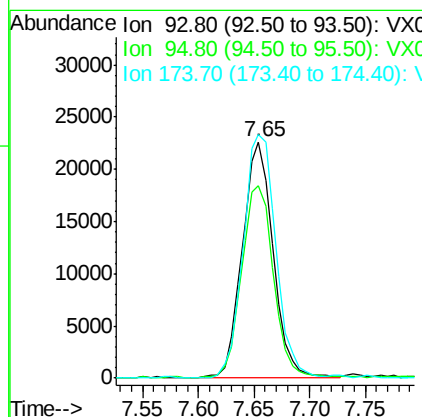
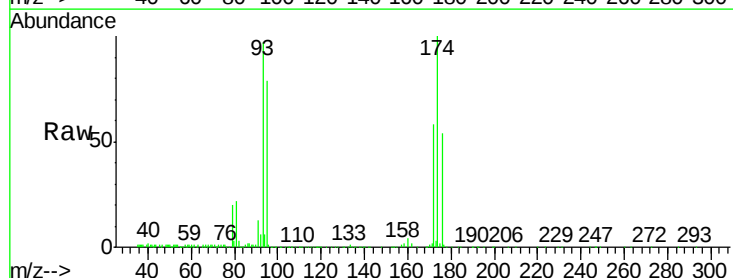
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#46
 Dibromomethane
 Concen: 20.760 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.8	101.8
174	108.8	91.0	136.4





#47

Bromodichloromethane

Concen: 20.333 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

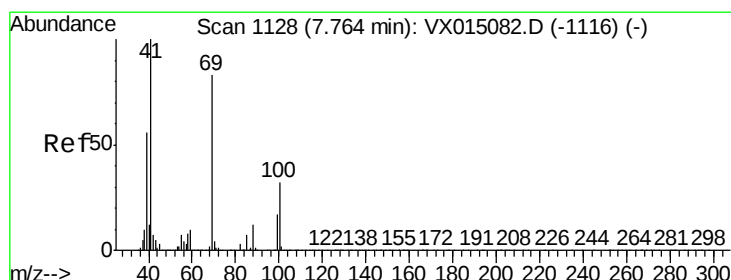
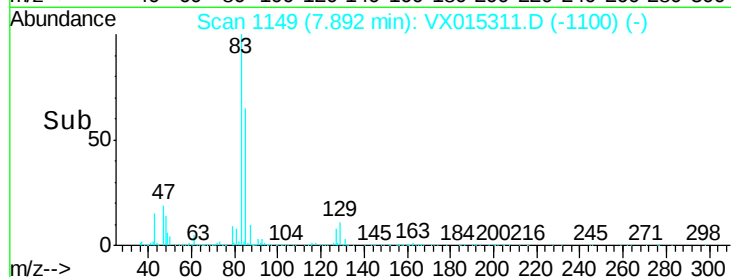
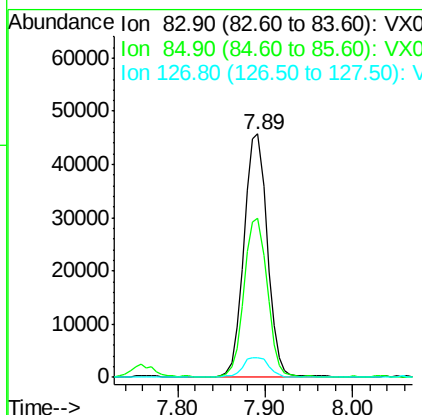
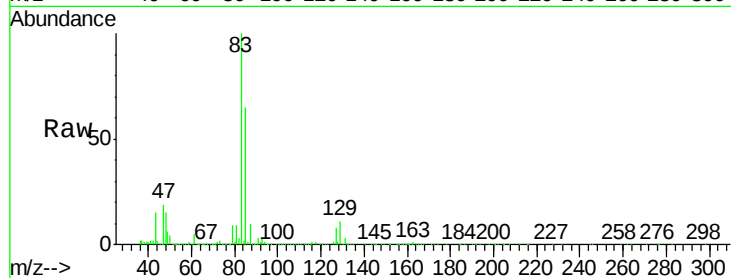
ClientSampleId :

VX0317WBS01

Tot Ion:	83	Resp:	84733
Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.6	75.8
127	8.0	7.1	10.7

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#48

Methyl methacrylate

Concen: 20.014 ug/l

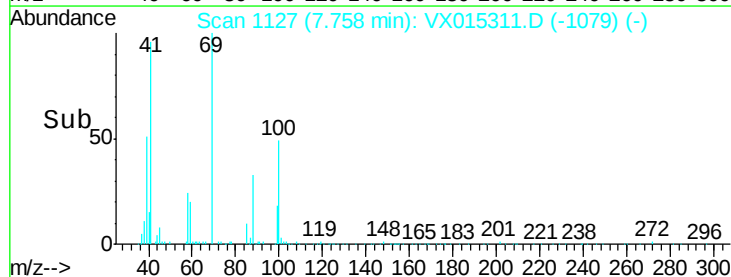
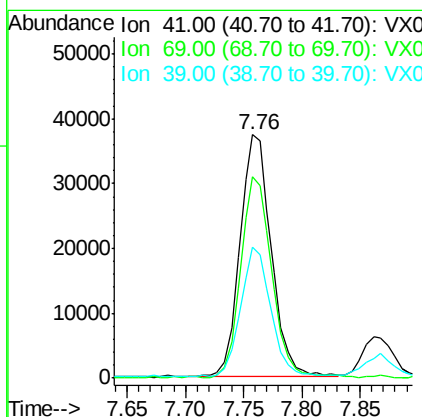
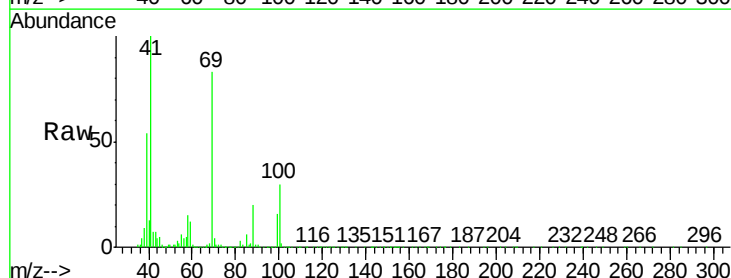
RT: 7.76 min Scan# 1127

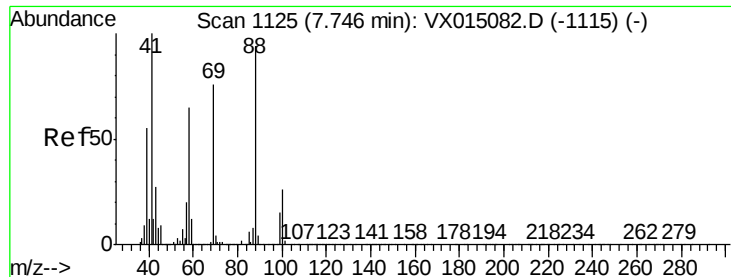
Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion:	41	Resp:	70006
Ion	Ratio	Lower	Upper
41	100		
69	82.3	65.4	98.2
39	52.0	44.6	67.0





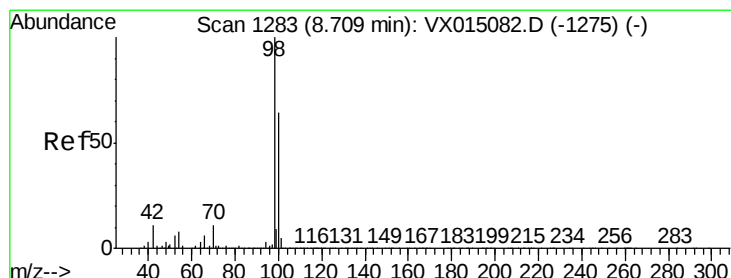
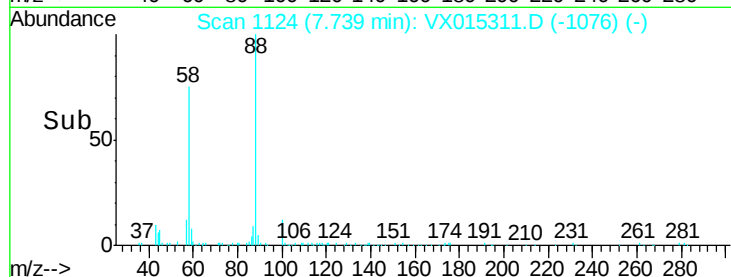
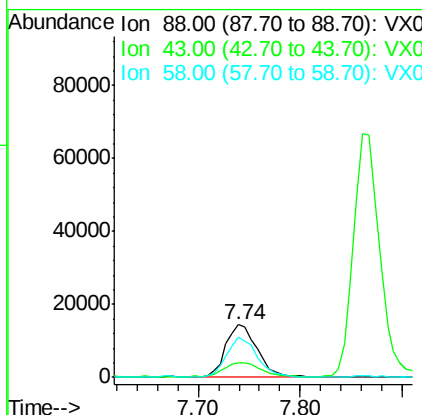
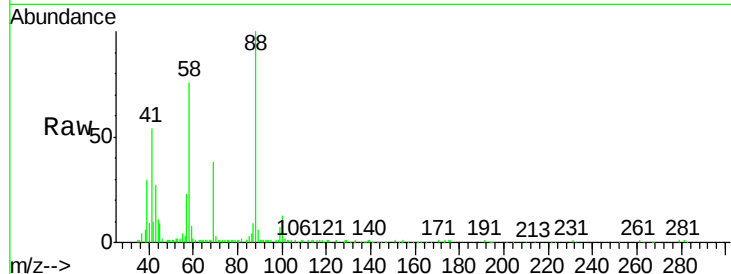
#49
1,4-Dioxane
Concen: 403.131 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	27.0	40.4
58	72.9	55.6	83.4

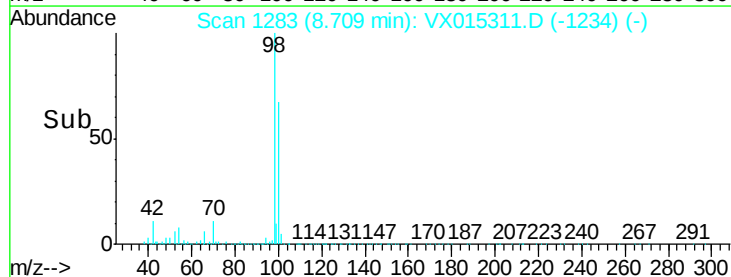
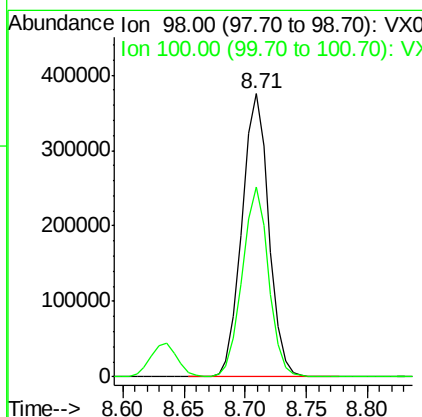
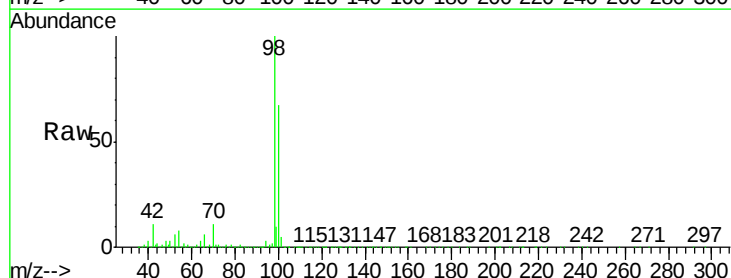
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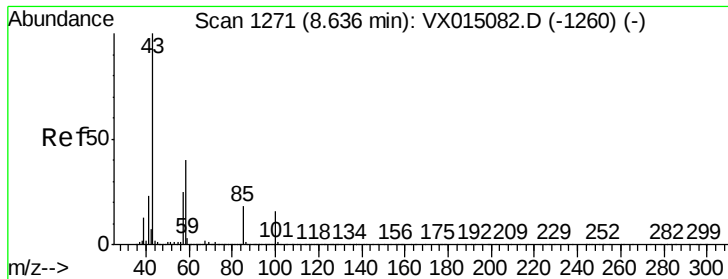
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#50
Toluene-d8
Concen: 52.179 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 109.252 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion: 43 Resp: 443924

Ion Ratio Lower Upper

43 100

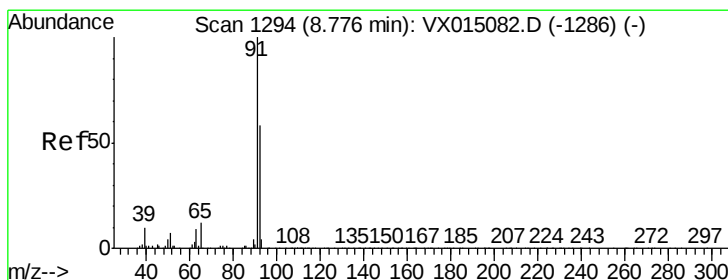
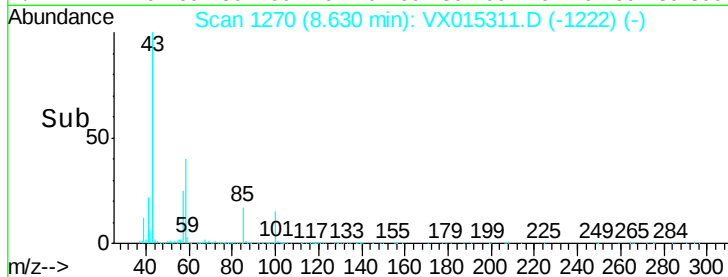
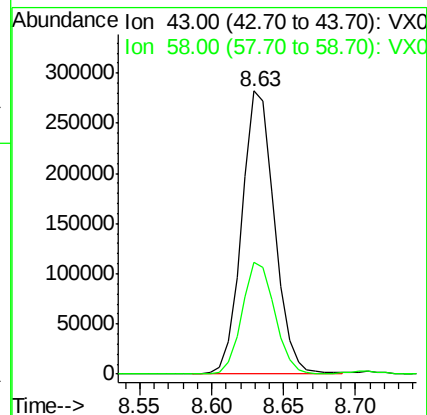
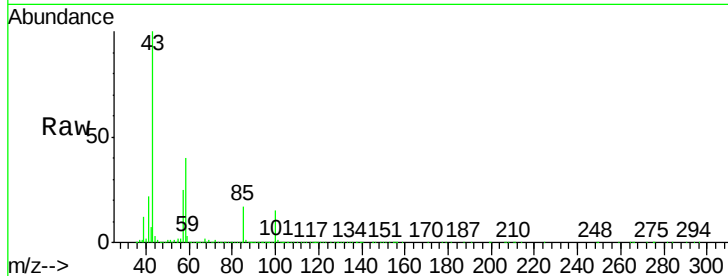
58 39.5 31.6 47.4

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#52

Toluene

Concen: 21.174 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015311.D

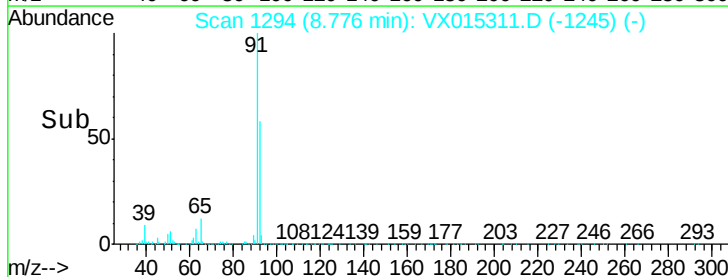
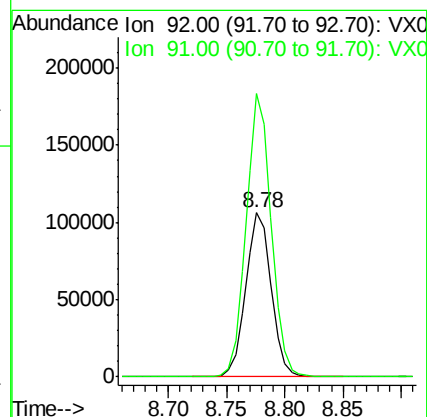
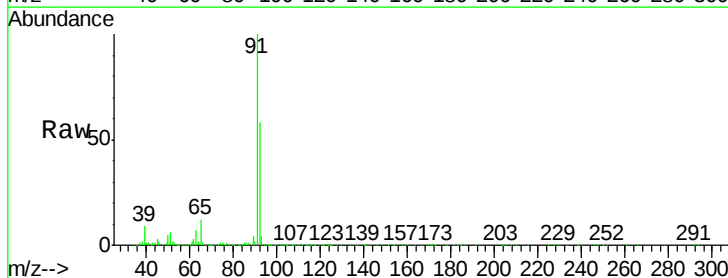
Acq: 17 Mar 2020 09:48

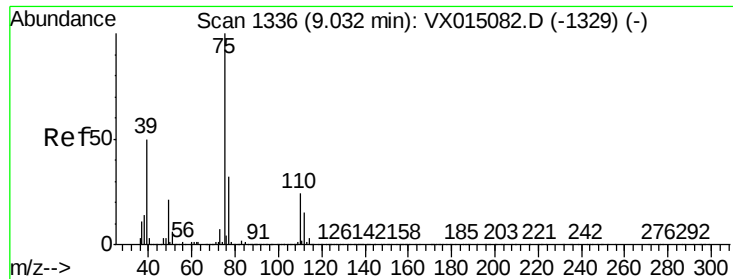
Tgt Ion: 92 Resp: 161763

Ion Ratio Lower Upper

92 100

91 169.6 136.9 205.3





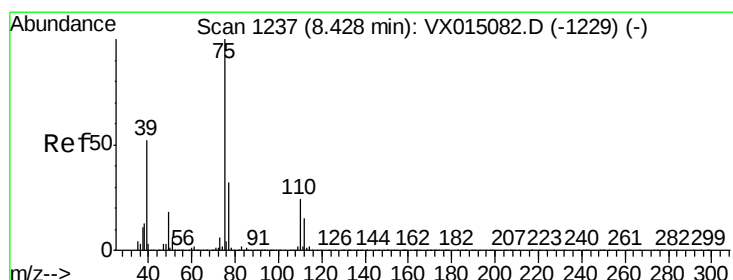
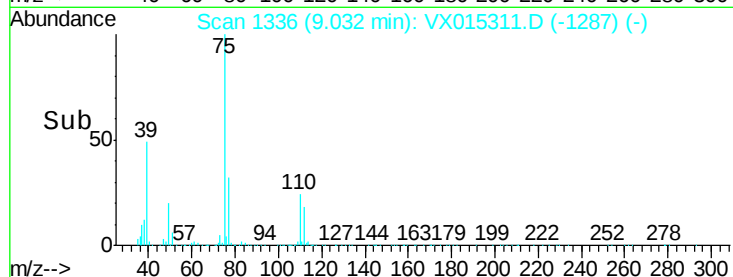
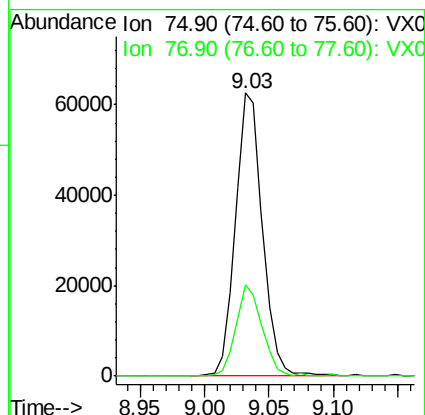
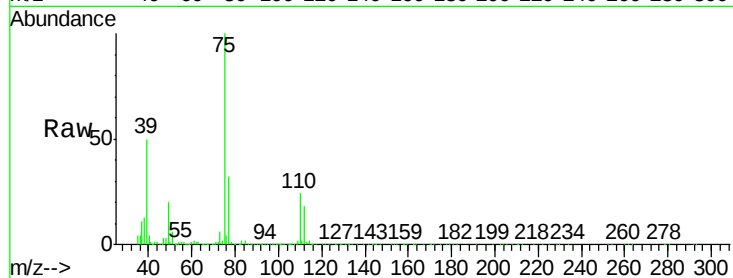
#53
t-1,3-Dichloropropene
Concen: 20.491 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion: 75 Resp: 90886
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

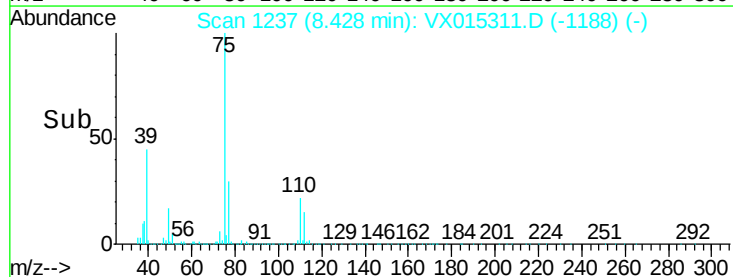
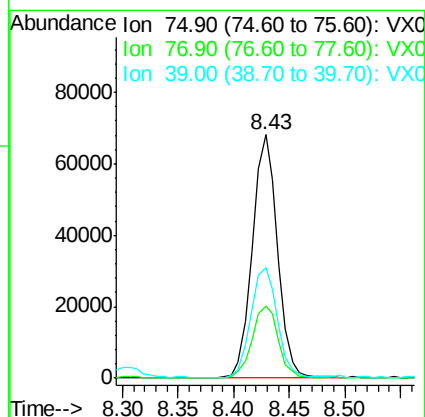
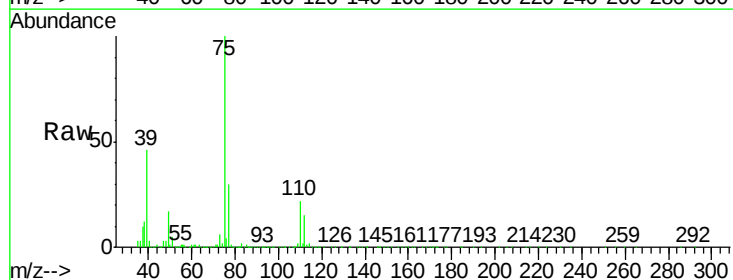
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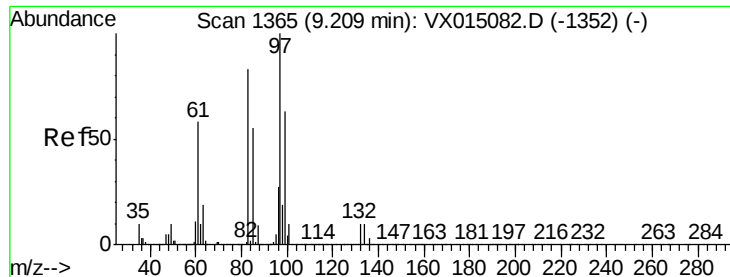
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#54
cis-1,3-Dichloropropene
Concen: 21.314 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion: 75 Resp: 106876
Ion Ratio Lower Upper
75 100
77 29.6 25.8 38.6
39 45.3 41.3 61.9





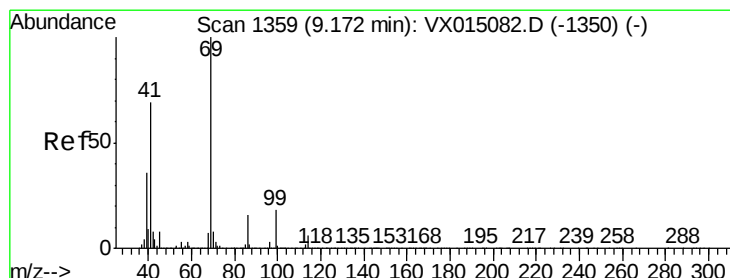
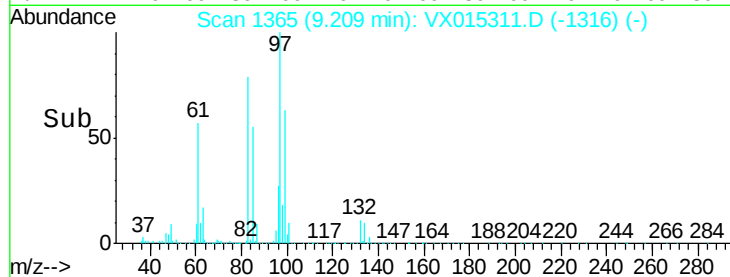
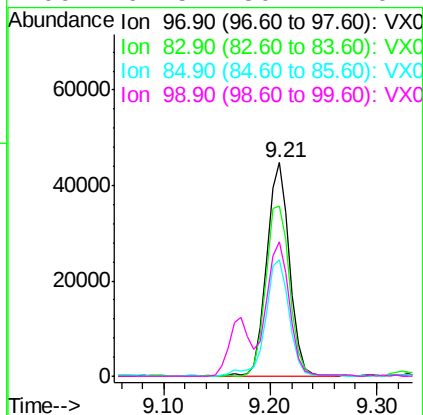
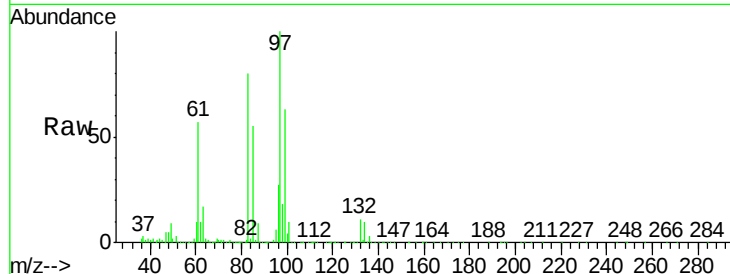
#55
 1,1,2-Trichloroethane
 Concen: 21.401 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Tot Ion:	97	Resp:	67293
Ion	Ratio	Lower	Upper
97	100		
83	79.5	66.4	99.6
85	54.4	43.5	65.3
99	62.5	50.7	76.1

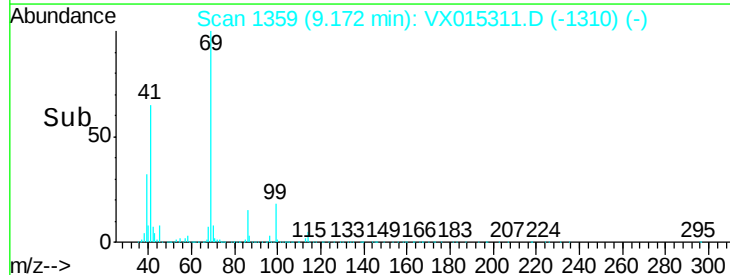
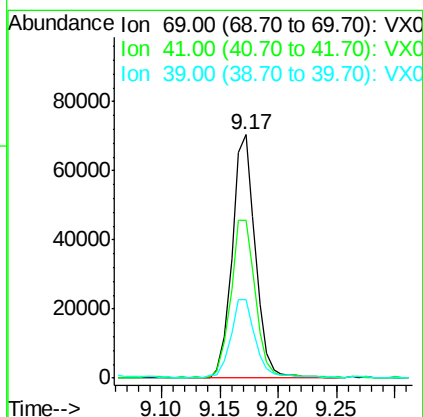
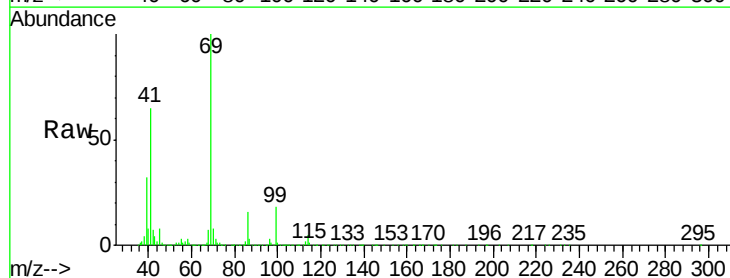
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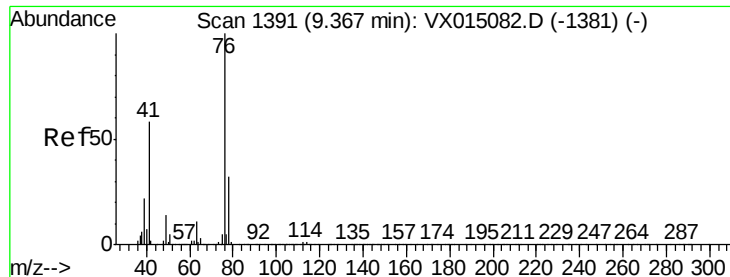
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#56
 Ethyl methacrylate
 Concen: 21.851 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion:	69	Resp:	98003
Ion	Ratio	Lower	Upper
69	100		
41	67.2	55.8	83.8
39	33.6	29.4	44.2





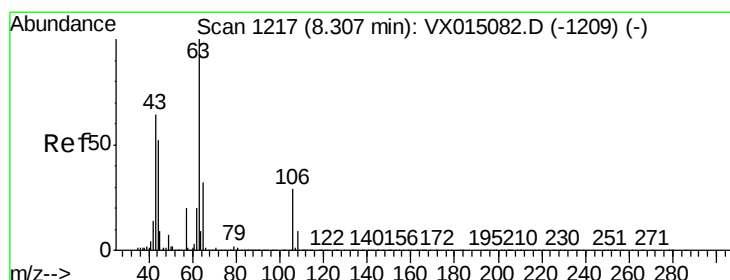
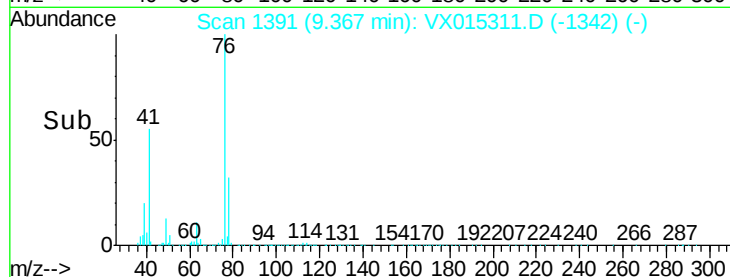
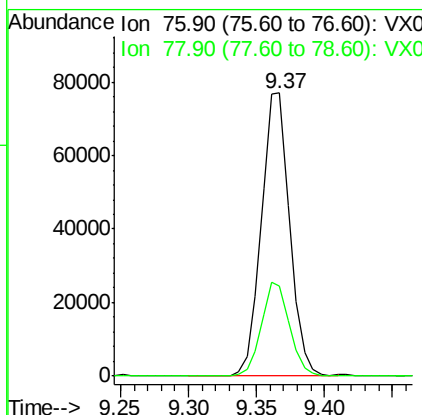
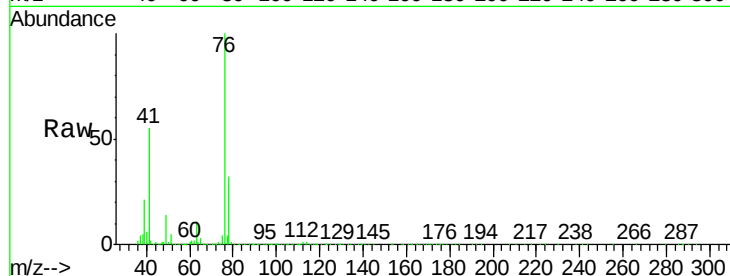
#57
 1,3-Dichloropropane
 Concen: 21.315 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Tot Ion: 76 Resp: 112758
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.6 38.4

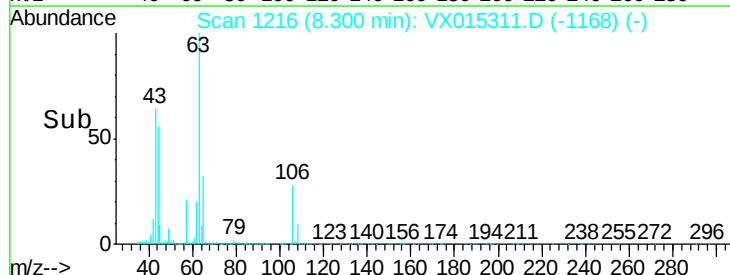
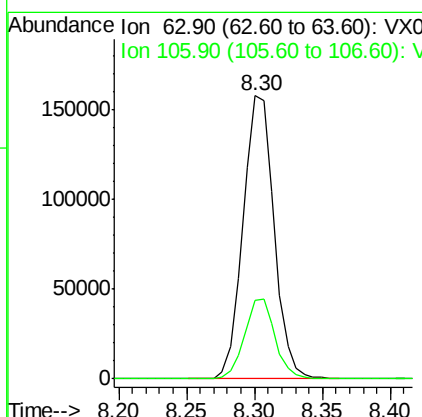
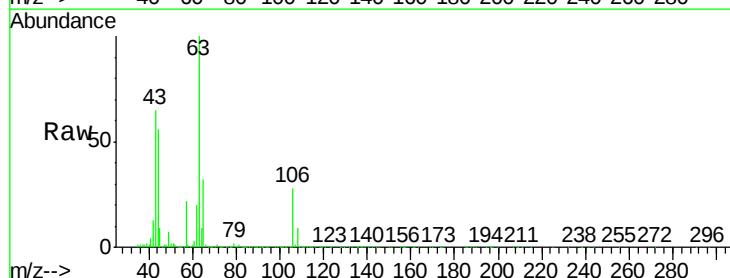
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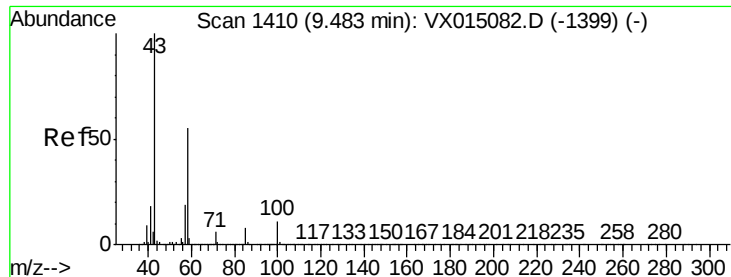
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.854 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion: 63 Resp: 251313
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.8 34.2





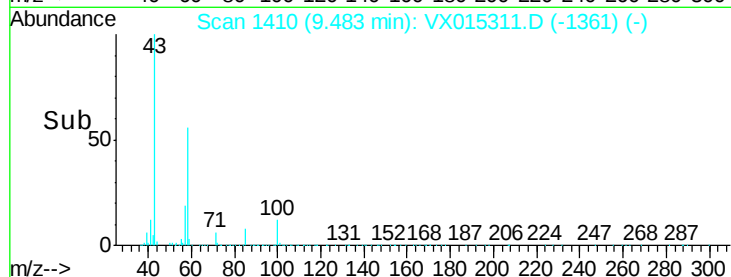
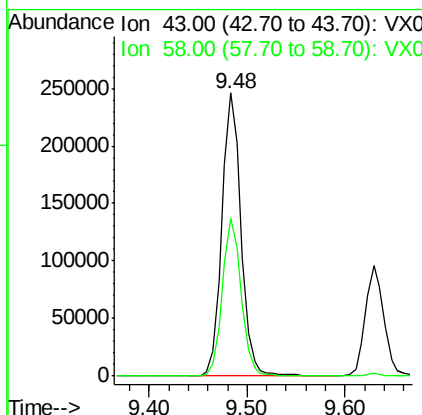
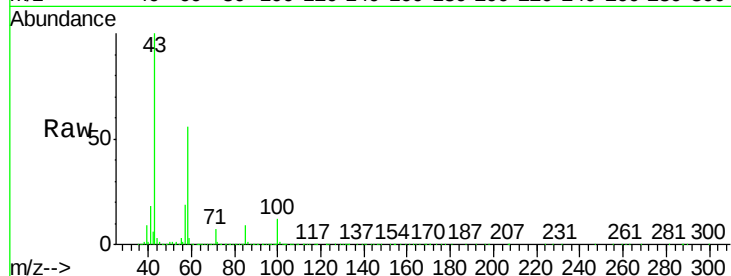
#59
2-Hexanone
Concen: 110.762 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion: 43 Resp: 333577
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

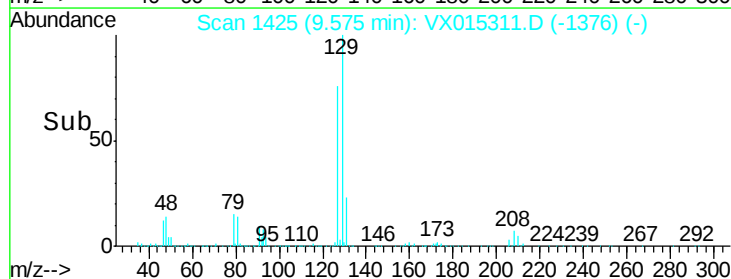
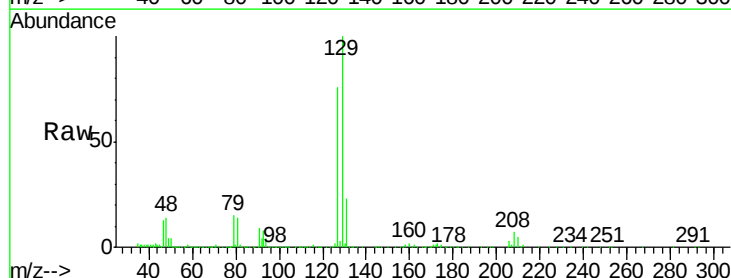
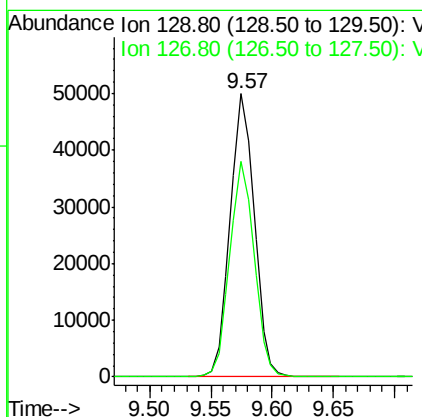
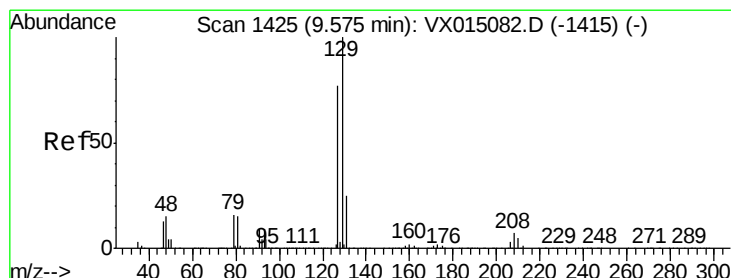
Manual Integrations
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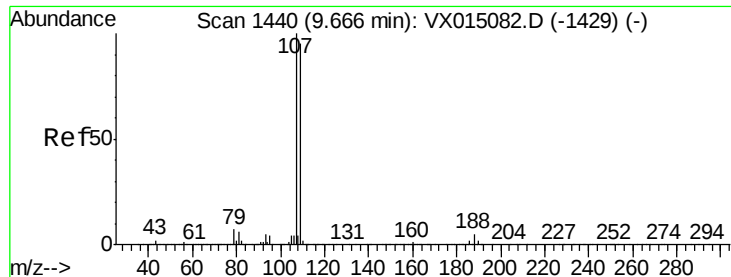
MMDadoda
3/18/2020 4:16:48 PM



#60
Dibromochloromethane
Concen: 20.815 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion: 129 Resp: 68756
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.293 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion: 107 Resp: 67022

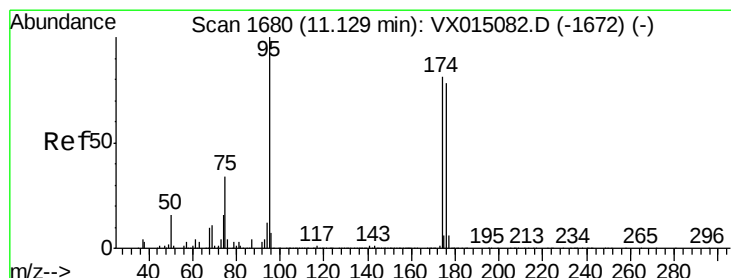
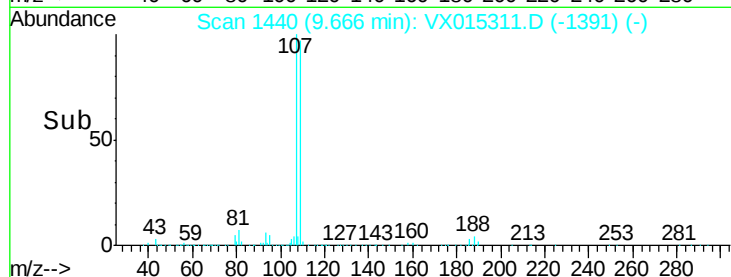
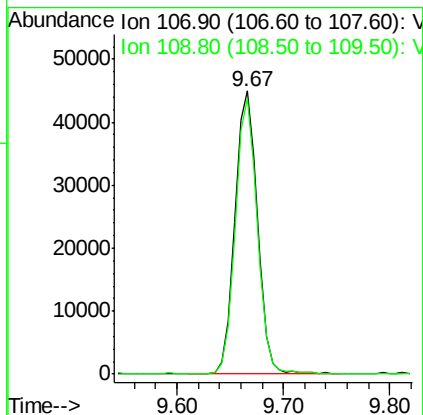
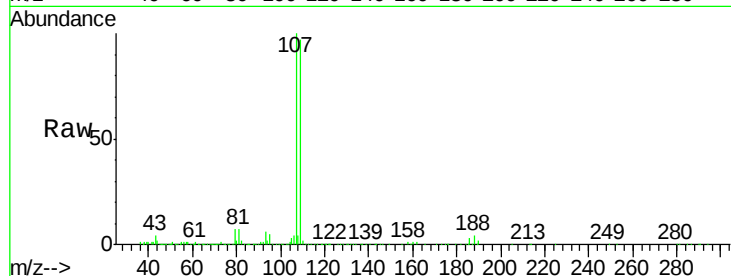
Ion Ratio Lower Upper

107 100

109 95.2 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 52.238 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

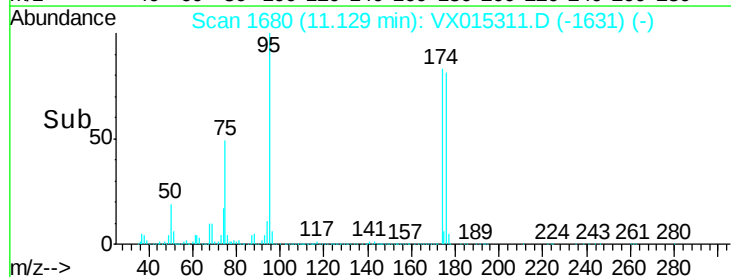
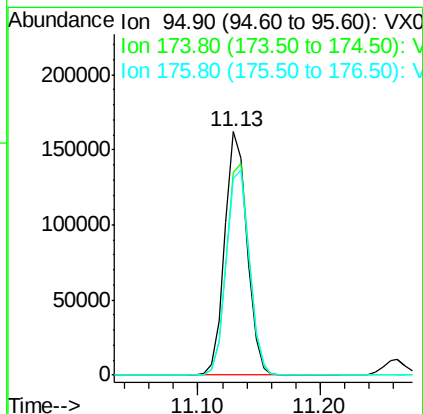
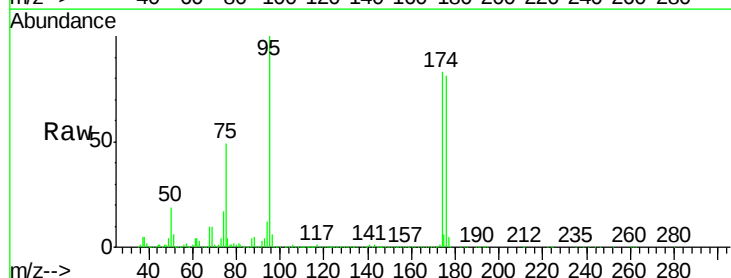
Tgt Ion: 95 Resp: 203694

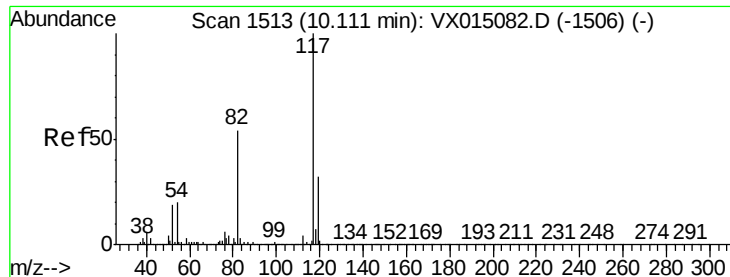
Ion Ratio Lower Upper

95 100

174 89.1 0.0 177.6

176 86.9 0.0 170.2





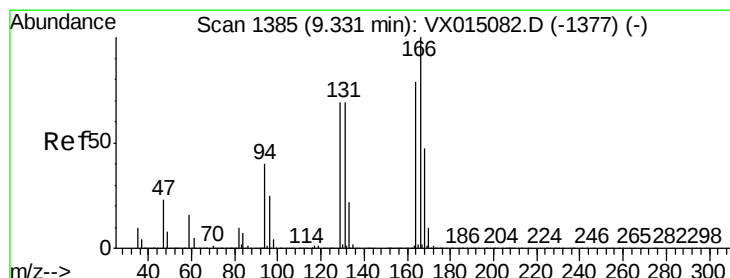
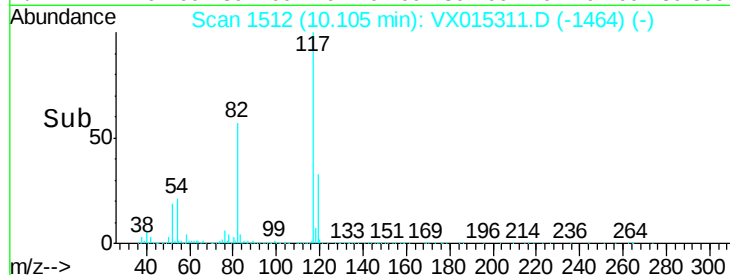
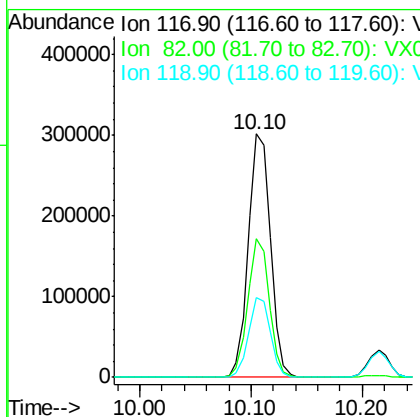
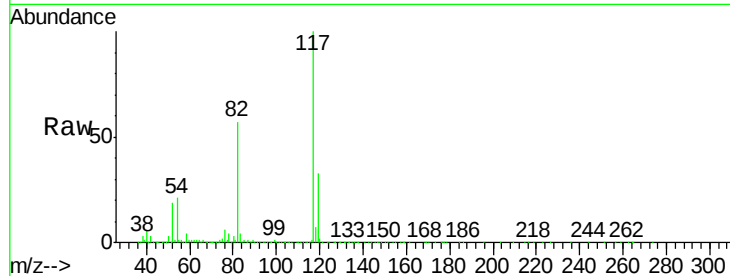
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.3	64.9
119	32.7	25.8	38.8

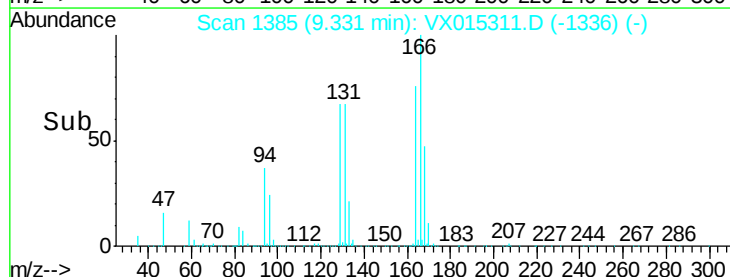
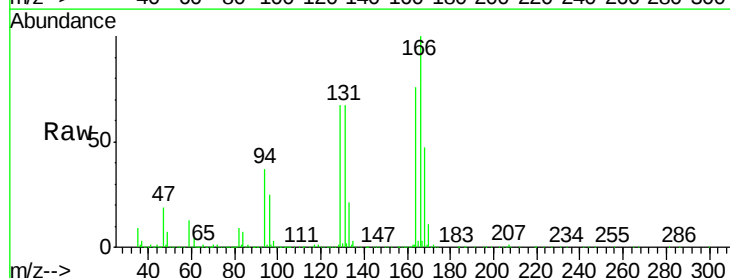
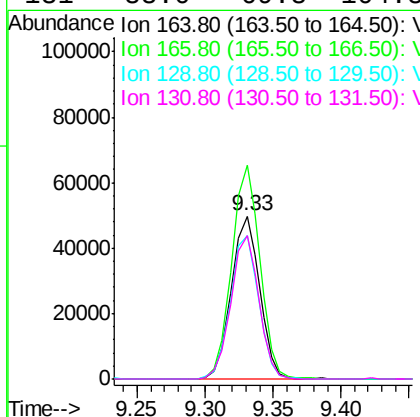
Manual Integrations
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#64
Tetrachloroethene
Concen: 20.939 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	101.1	151.7
129	88.2	69.4	104.0
131	88.0	69.8	104.8





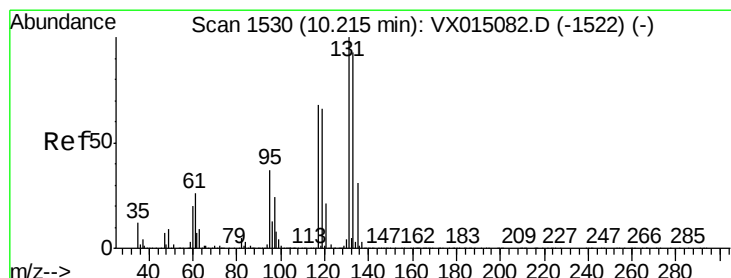
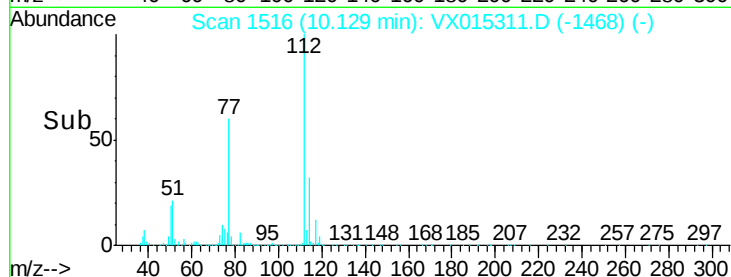
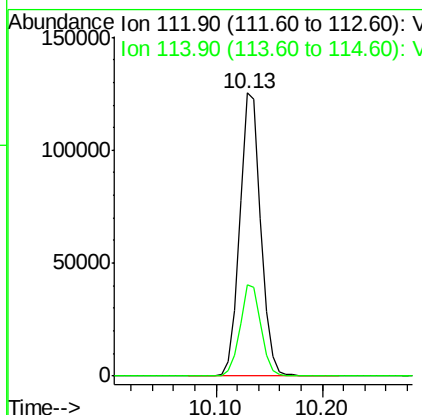
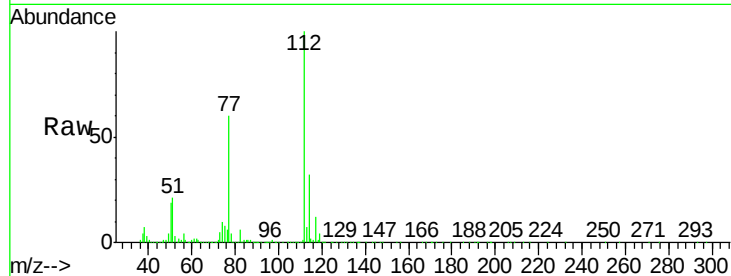
#65
Chlorobenzene
Concen: 20.616 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.5	38.3

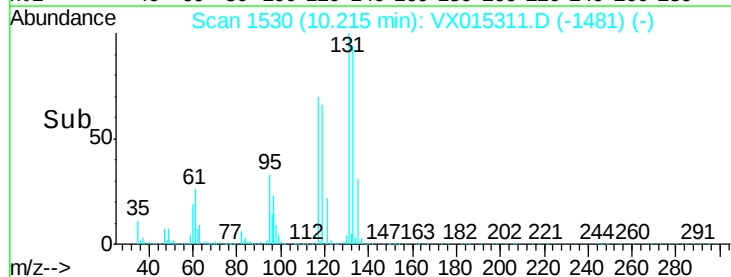
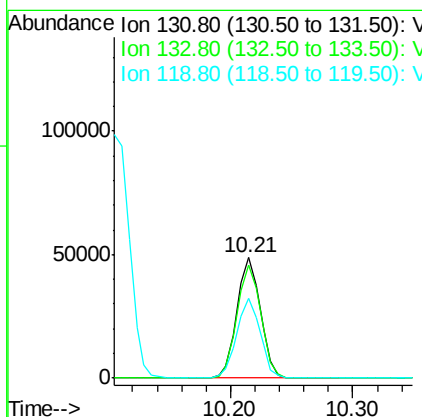
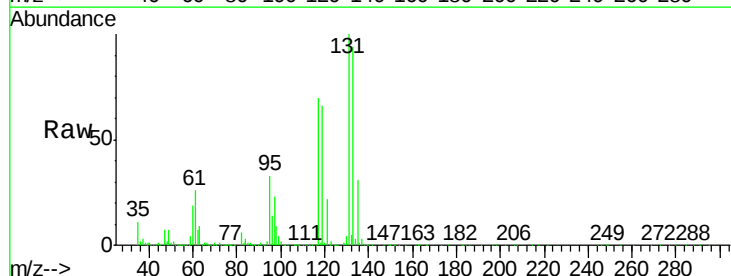
Manual Integrations
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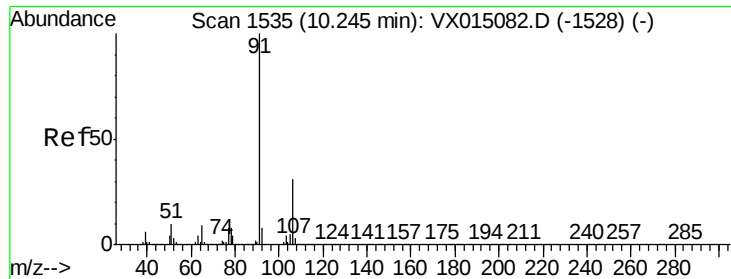
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.495 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.5	142.5
119	65.2	33.4	100.1





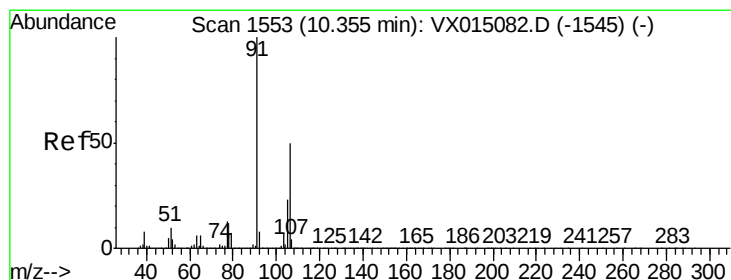
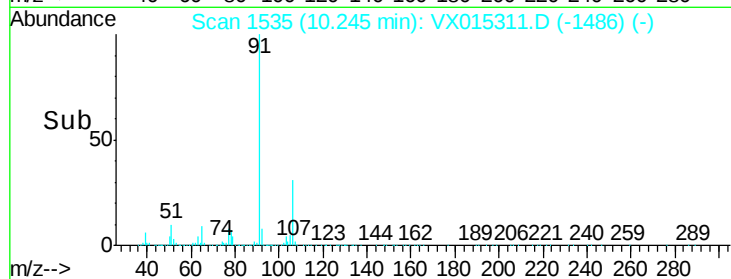
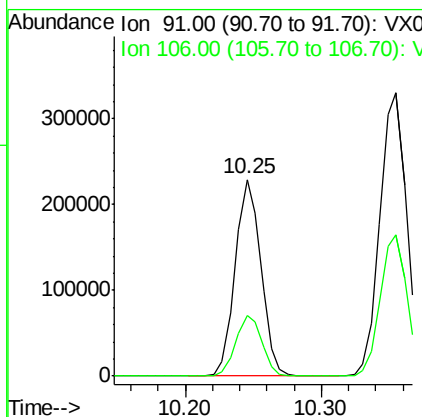
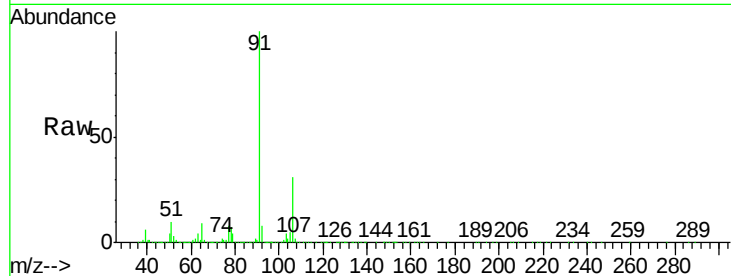
#67
Ethyl Benzene
Concen: 21.198 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion: 91 Resp: 302449
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

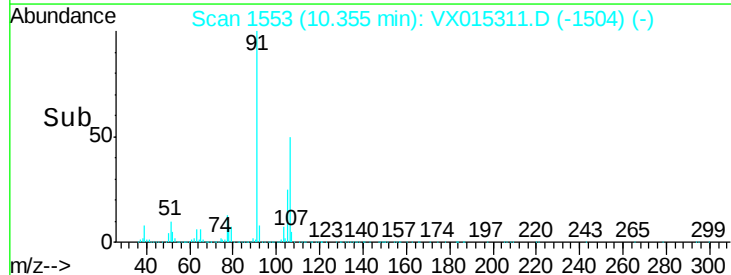
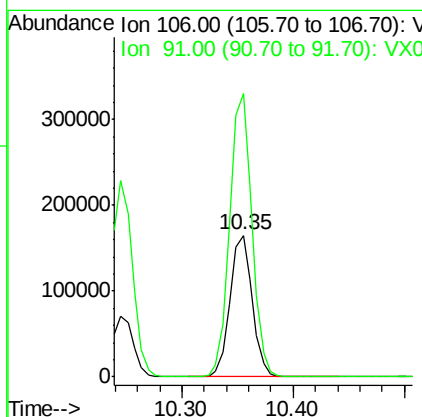
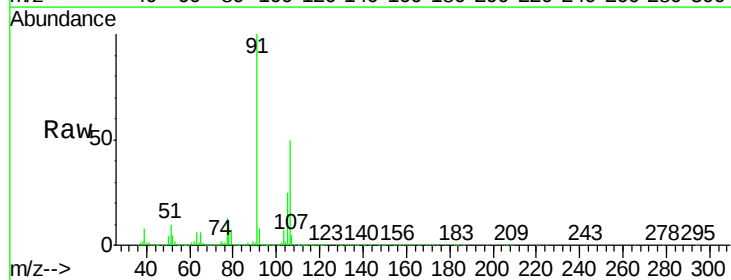
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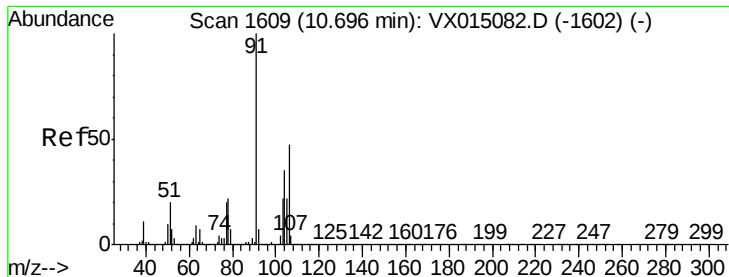
MMDadoda
3/18/2020 4:16:48 PM



#68
m/p-Xylenes
Concen: 41.883 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion: 106 Resp: 227356
Ion Ratio Lower Upper
106 100
91 200.3 159.4 239.2





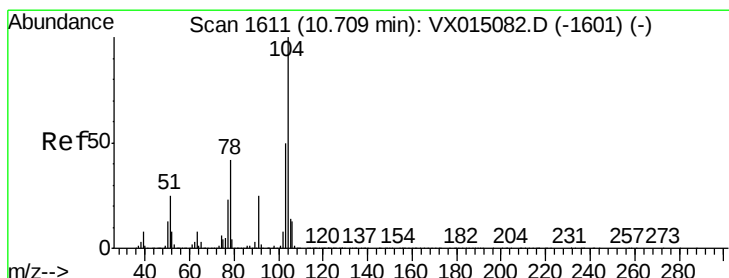
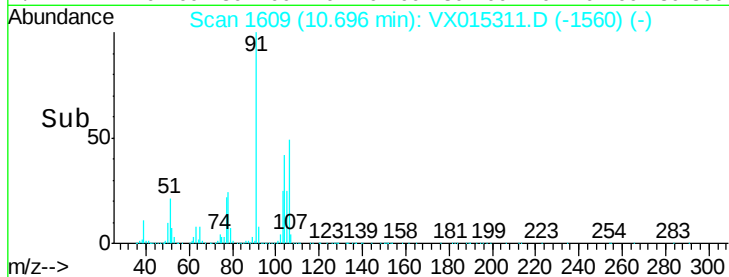
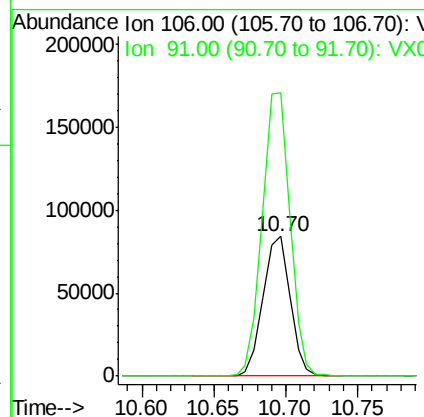
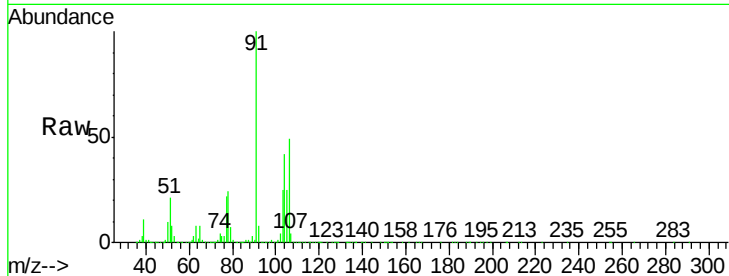
#69
o-Xylene
Concen: 21.127 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	207.2	109806	105.4	316.1

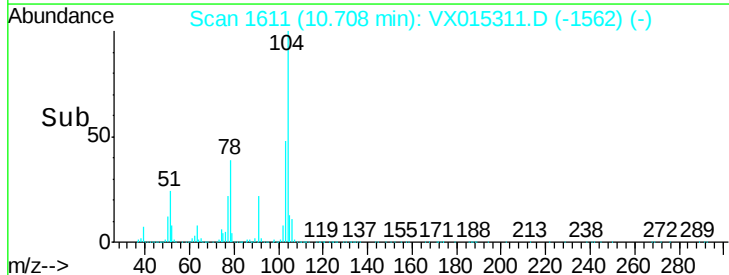
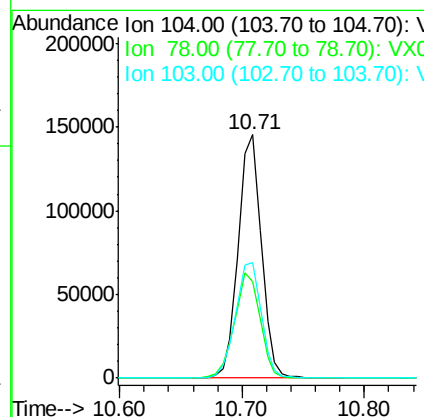
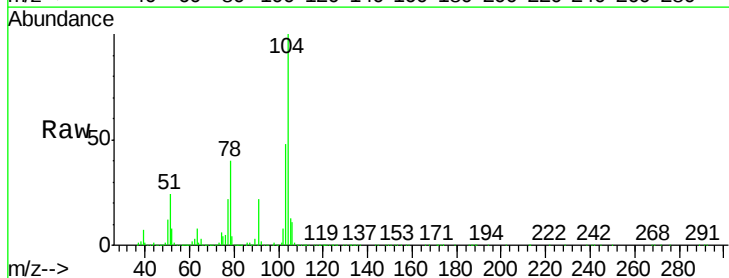
Manual Integrations
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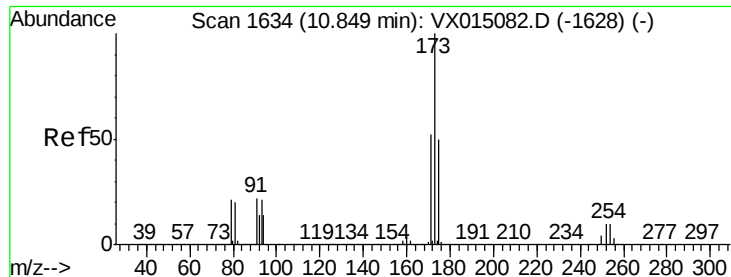
MMDadoda
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#70
Styrene
Concen: 21.269 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	189534		
78	47.7		39.0	58.4
103	53.3		43.7	65.5





#71

Bromoform

Concen: 20.333 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

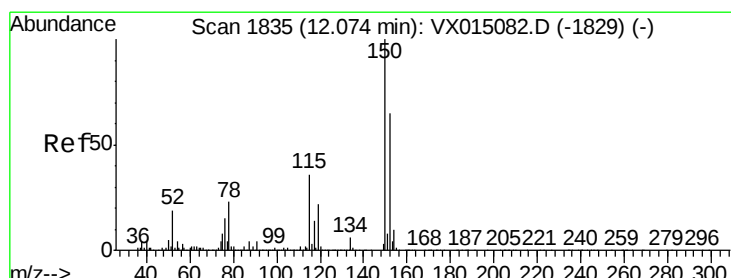
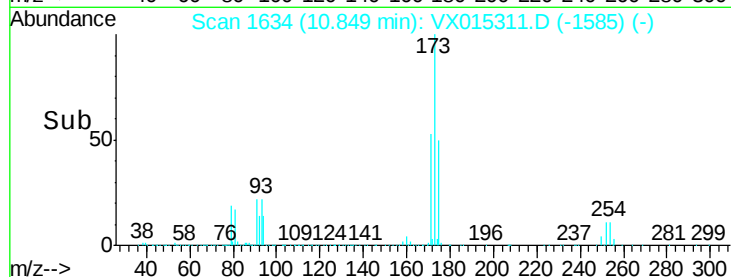
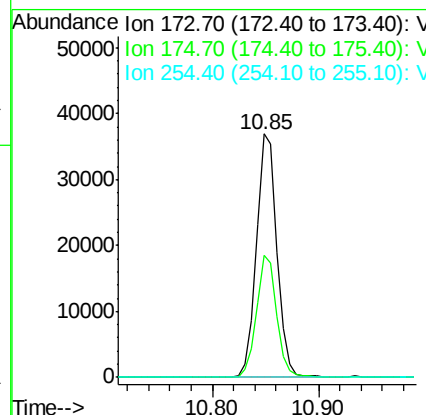
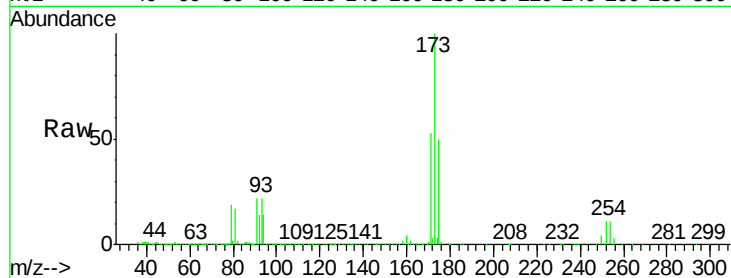
ClientSampleId :

VX0317WBS01

Tot Ion:	173	Resp:	49956
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.9	74.7
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

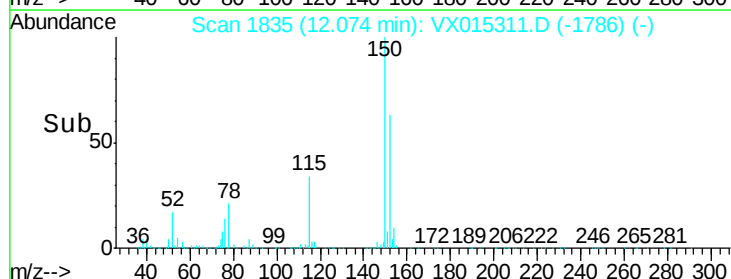
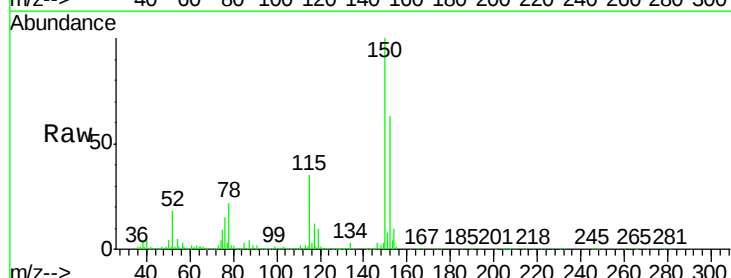
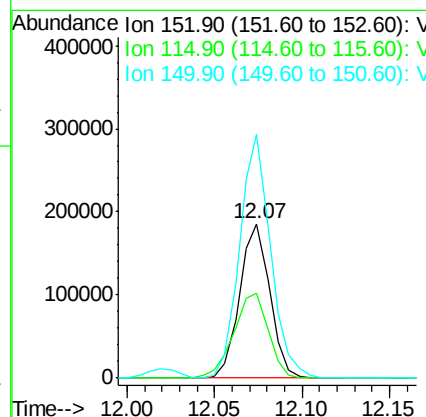
RT: 12.07 min Scan# 1835

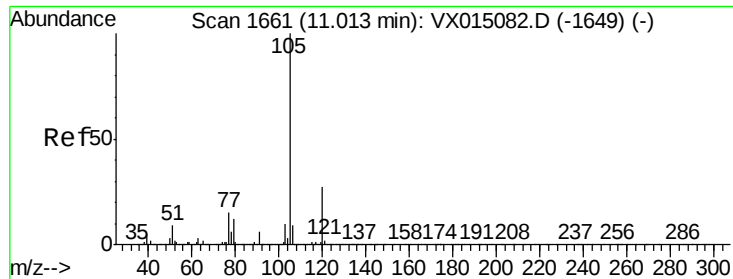
Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion:	152	Resp:	222168
Ion Ratio	Lower	Upper	
152	100		
115	63.5	38.2	114.6
150	161.9	0.0	343.8





#73

Isopropylbenzene

Concen: 21.041 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBS01

Tot Ion:105 Resp: 298614

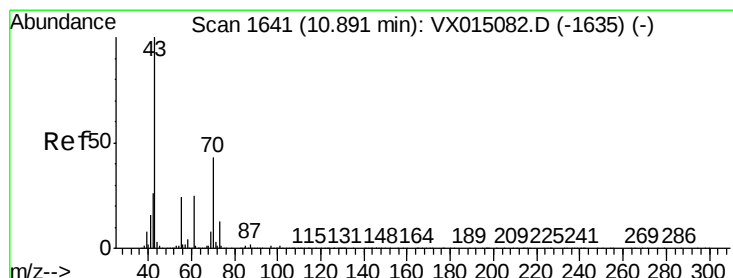
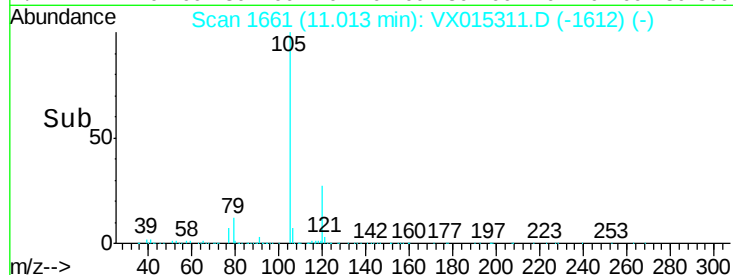
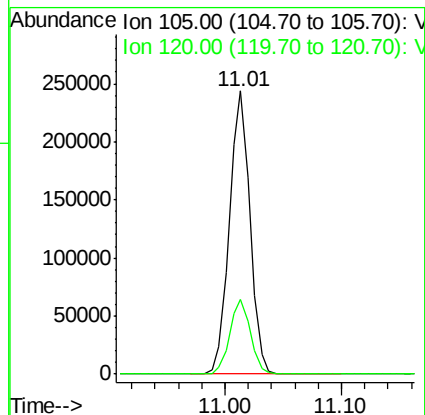
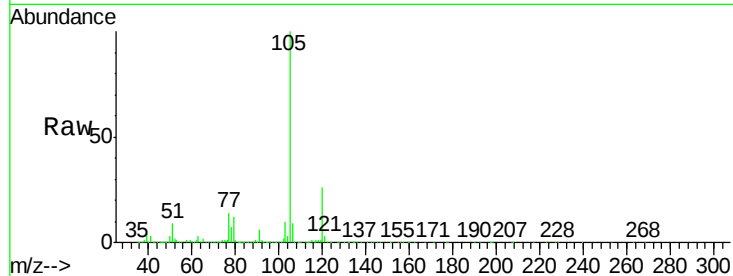
Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.233 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion: 43 Resp: 121014

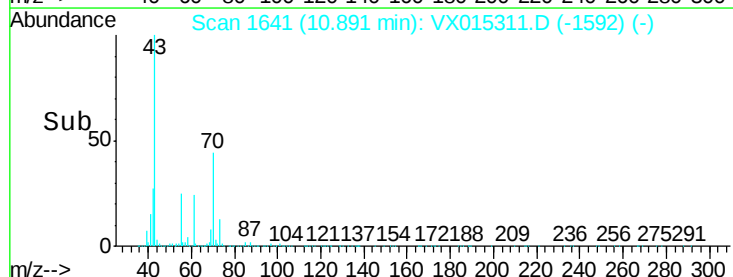
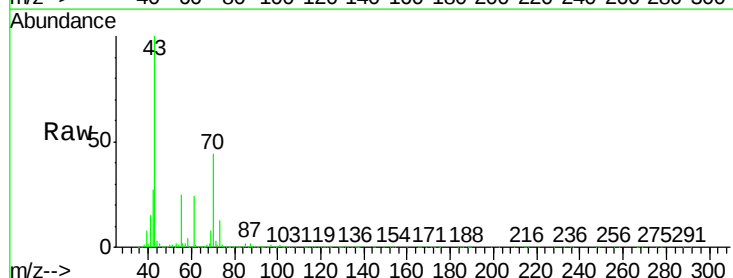
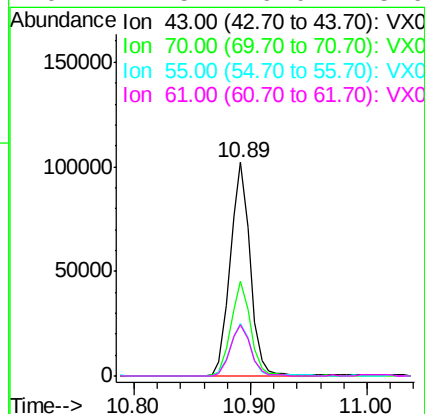
Ion Ratio Lower Upper

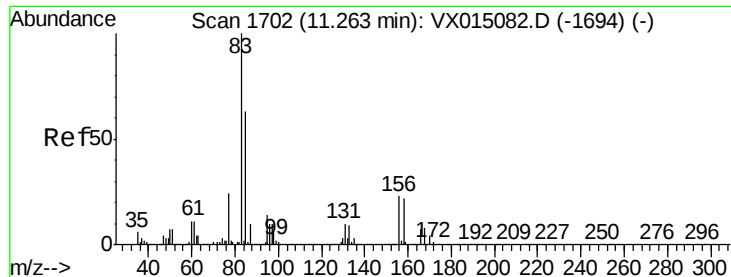
43 100

70 43.6 34.7 52.1

55 25.0 19.4 29.0

61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.072 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

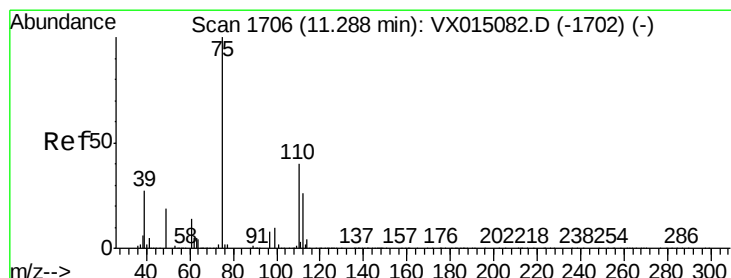
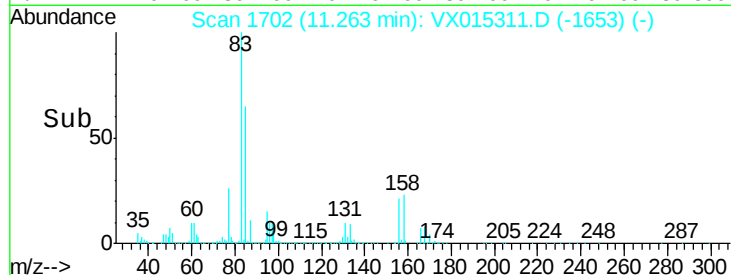
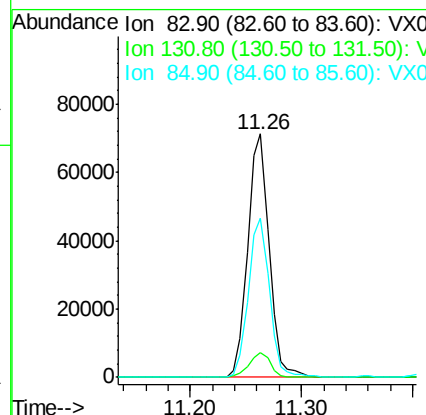
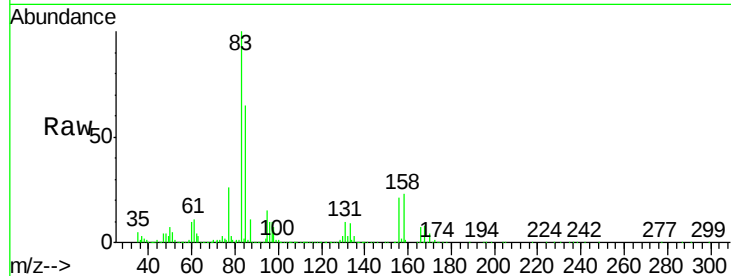
ClientSampleId :

VX0317WBS01

Tot Ion:	83	Resp:	94935
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	64.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.186 ug/l m

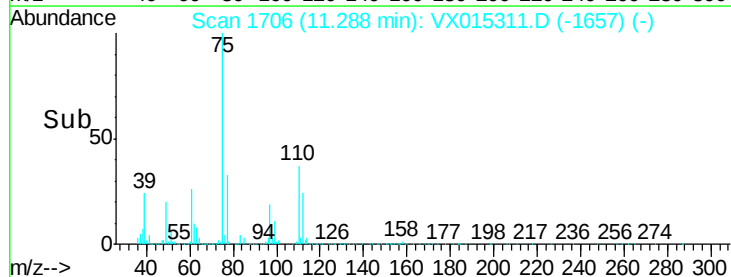
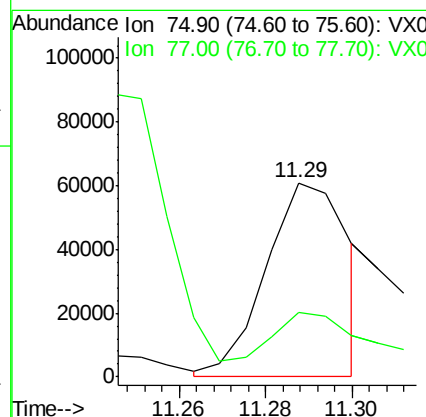
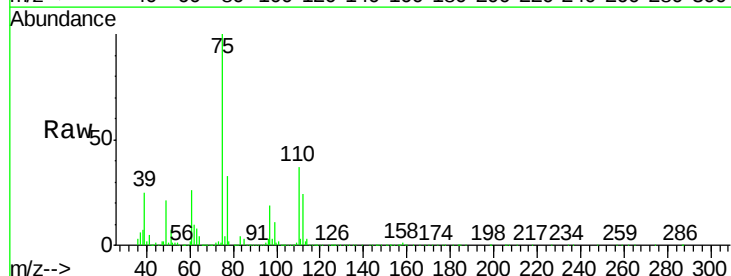
RT: 11.29 min Scan# 1706

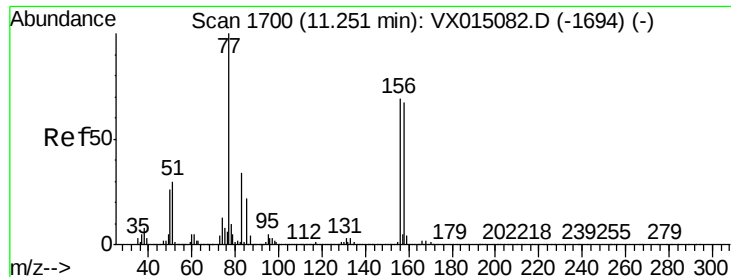
Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion:	75	Resp:	80595
Ion Ratio	Lower	Upper	
75	100		
77	43.3	22.6	67.8





#77

Bromobenzene

Concen: 19.703 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

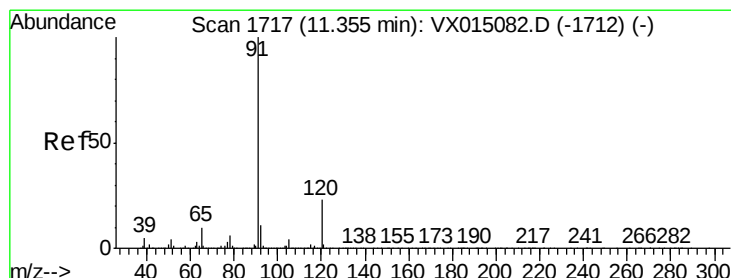
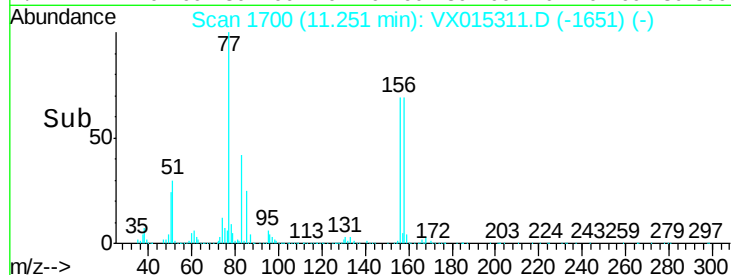
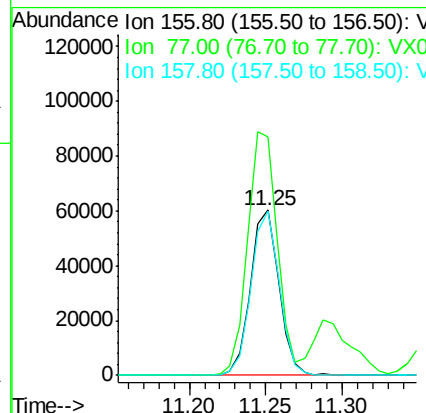
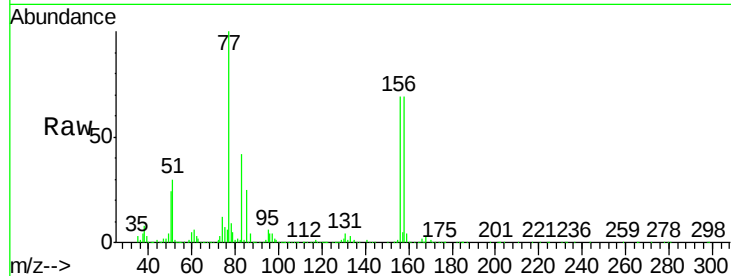
ClientSampleId :

VX0317WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	153.5	75.3	225.9	
158	98.9	48.5	145.6	

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#78

n-propylbenzene

Concen: 21.259 ug/l

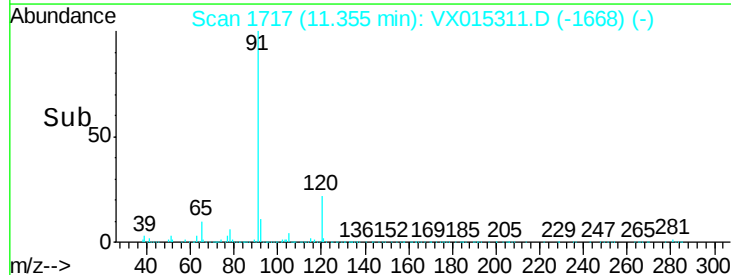
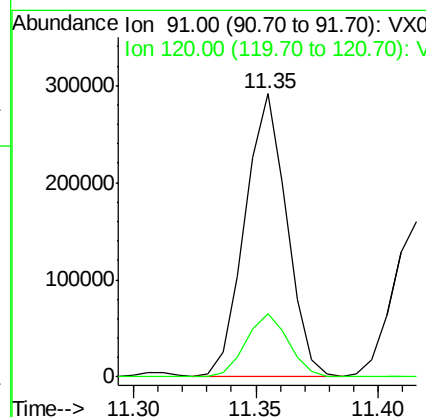
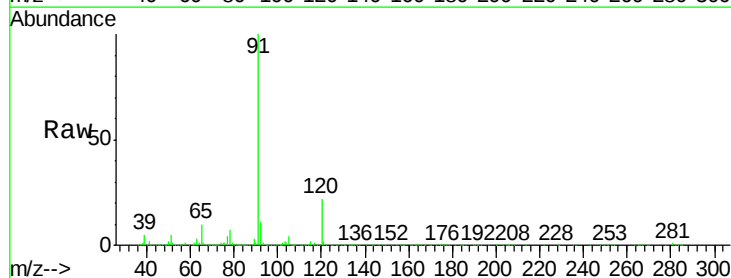
RT: 11.35 min Scan# 1717

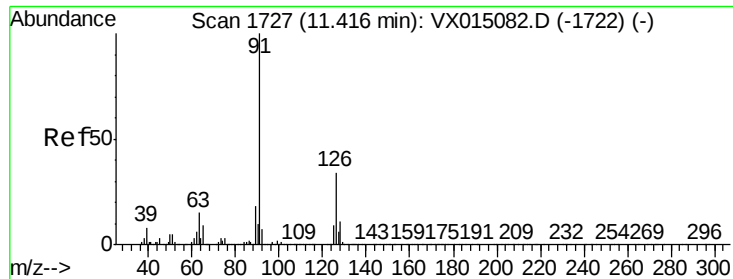
Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.9	11.7	35.1	





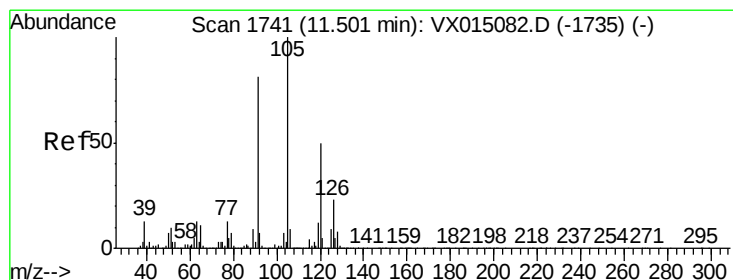
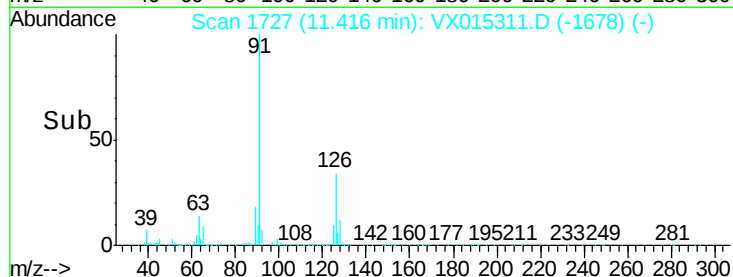
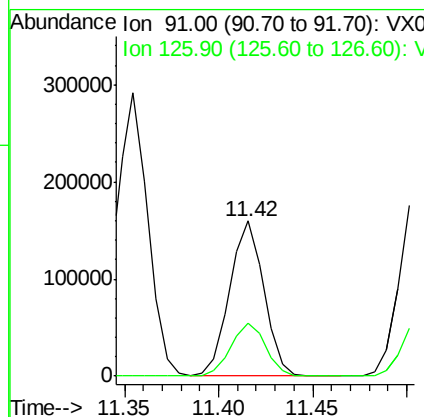
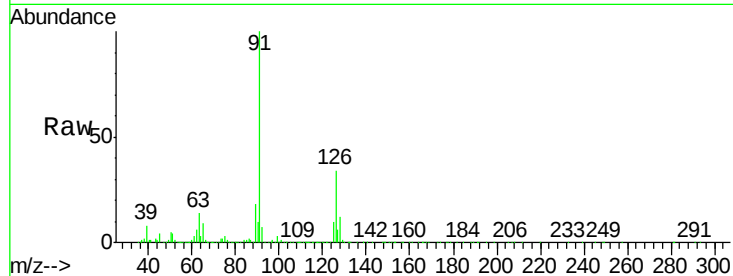
#79
2-Chlorotoluene
Concen: 20.672 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion: 91 Resp: 200169
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0

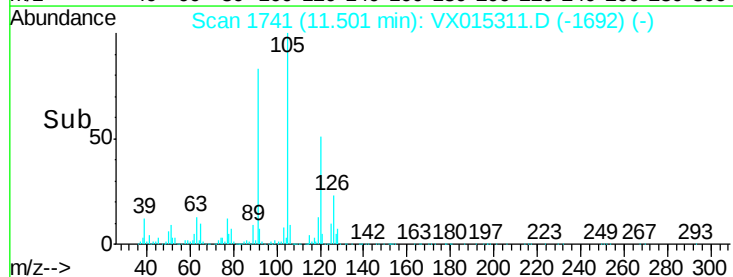
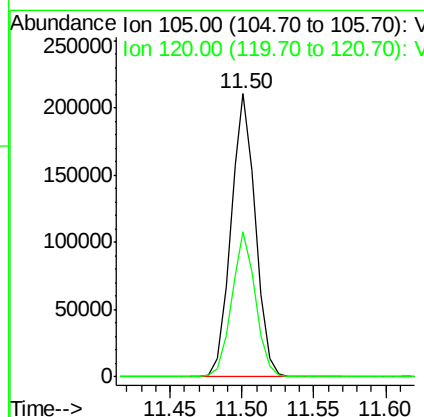
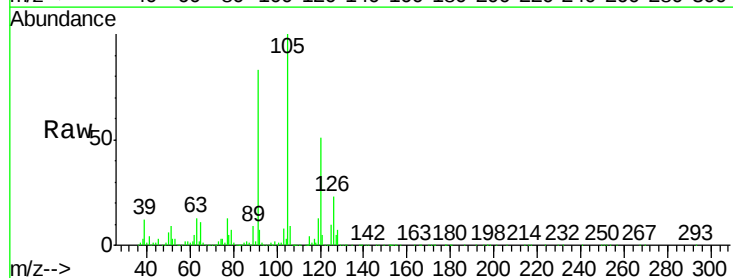
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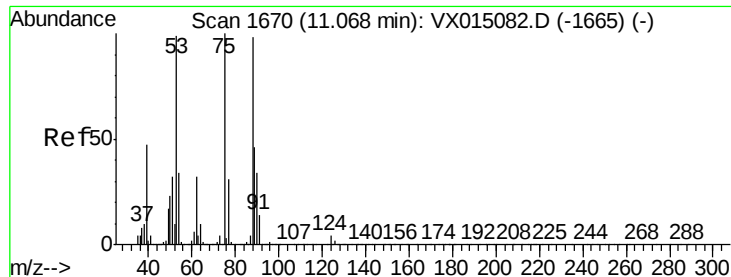
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#80
1,3,5-Trimethylbenzene
Concen: 21.163 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion: 105 Resp: 250029
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.4





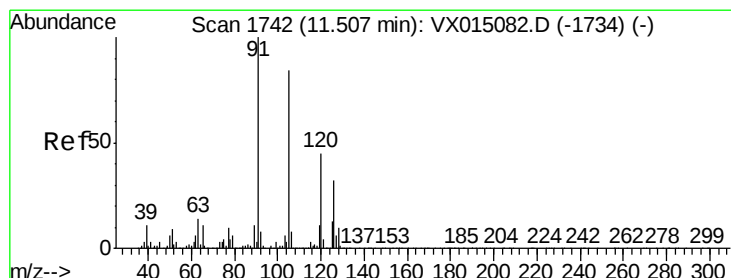
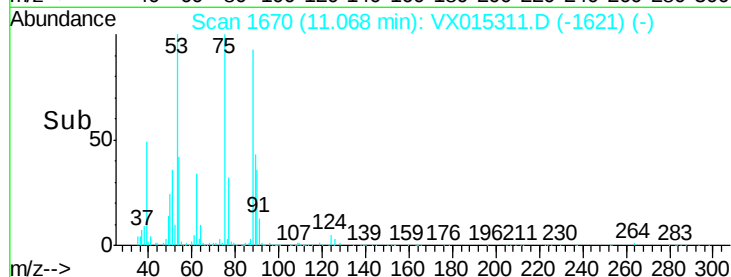
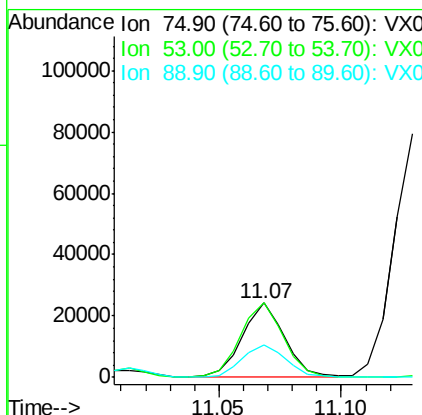
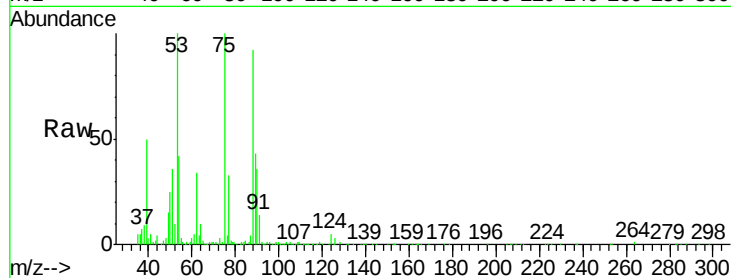
#81
trans-1,4-Dichloro-2-butene
Concen: 18.437 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	77.9	116.9
89	46.7	36.2	54.2

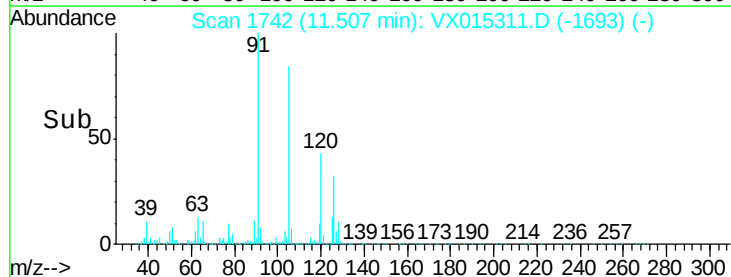
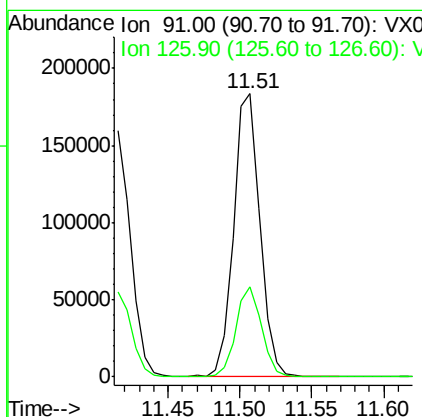
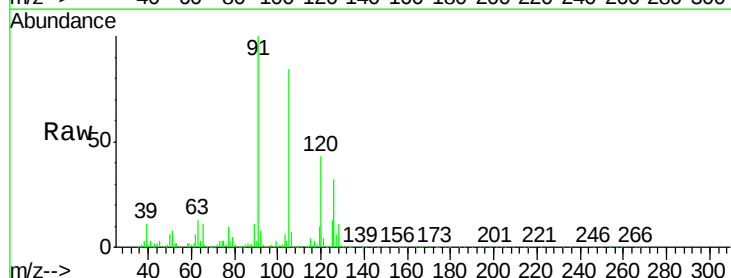
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#82
4-Chlorotoluene
Concen: 20.445 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





#83

tert-Butylbenzene

Concen: 20.869 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

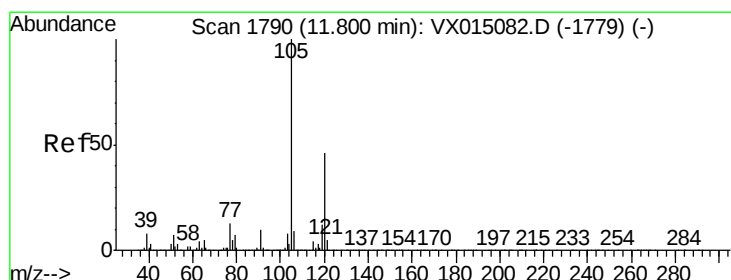
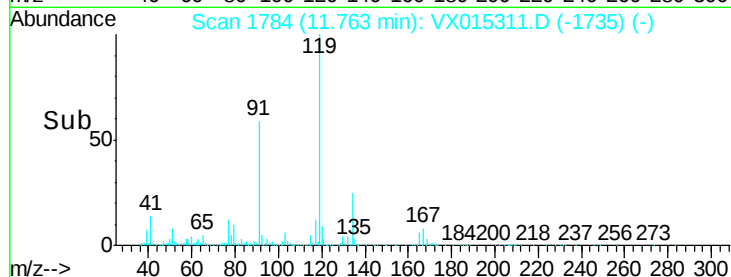
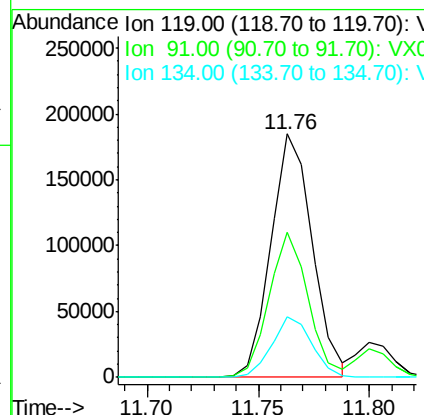
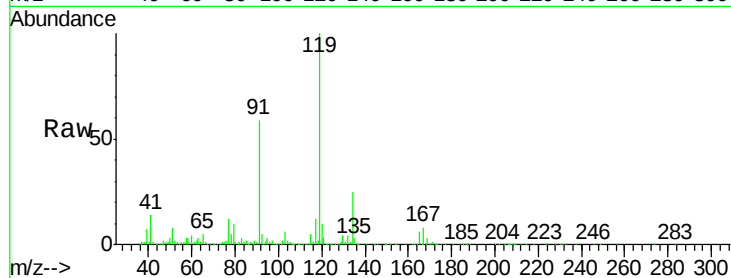
ClientSampled :

VX0317WBS01

Tot Ion:	119	Resp:	238399
Ion Ratio	Lower	Upper	
119	100		
91	56.0	28.5	85.6
134	24.2	11.9	35.7

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#84

1,2,4-Trimethylbenzene

Concen: 21.199 ug/l

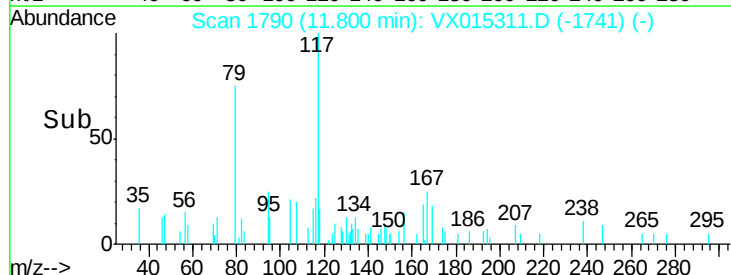
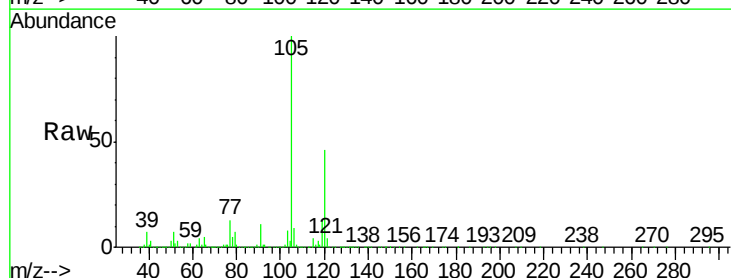
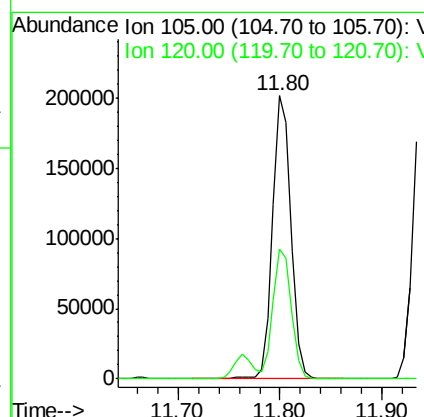
RT: 11.80 min Scan# 1790

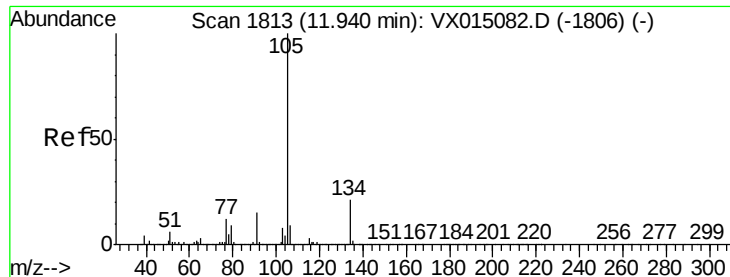
Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion:	105	Resp:	251609
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.9	68.5





#85

sec-Butylbenzene

Concen: 21.301 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

ClientSampled :

VX0317WBS01

Tot Ion:105 Resp: 293756

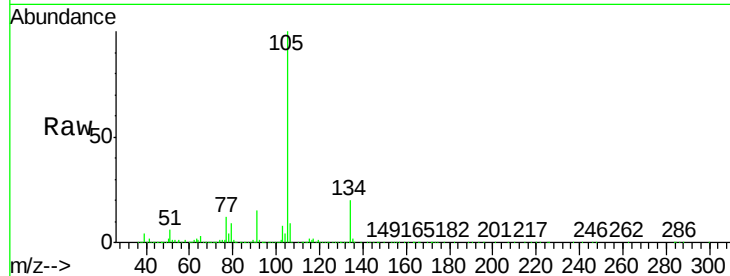
Ion Ratio Lower Upper

105 100

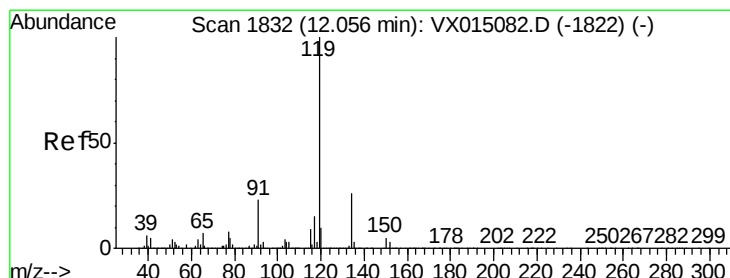
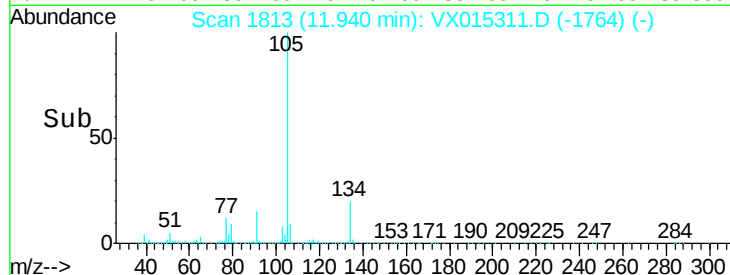
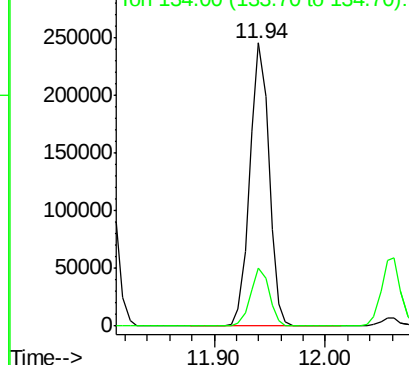
134 20.3 10.4 31.2

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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: 20.971 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

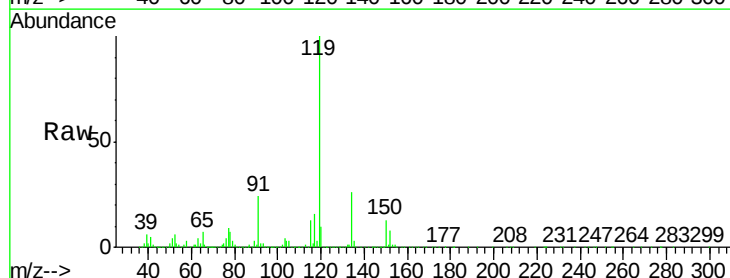
Tgt Ion:119 Resp: 266447

Ion Ratio Lower Upper

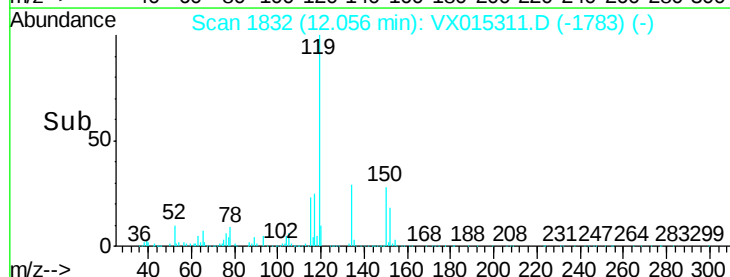
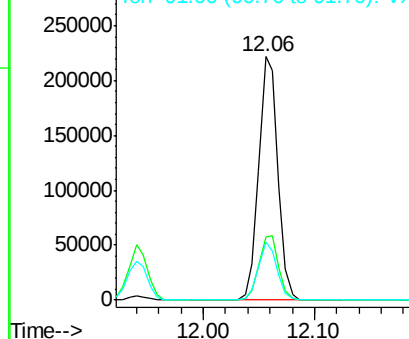
119 100

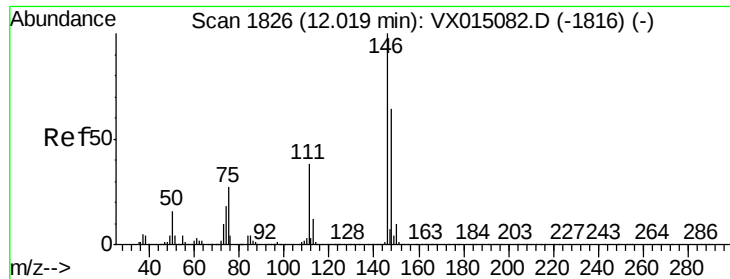
134 27.1 13.4 40.1

91 23.1 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





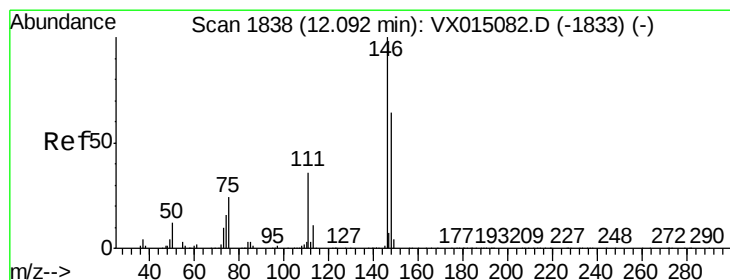
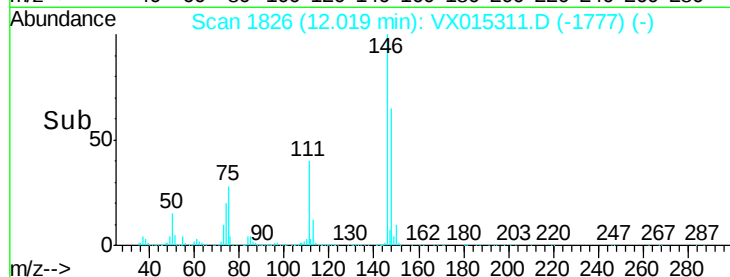
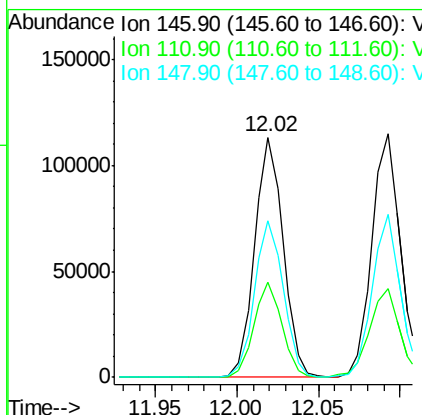
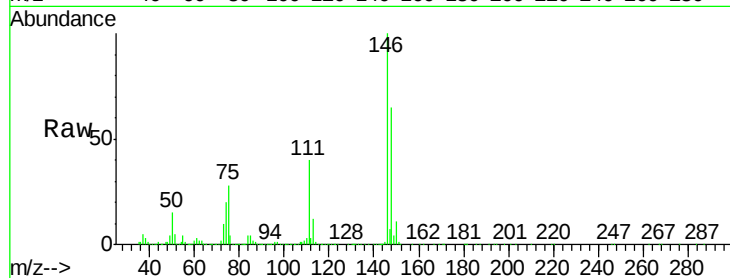
#87
 1,3-Dichlorobenzene
 Concen: 20.001 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	65.7	31.9	95.5

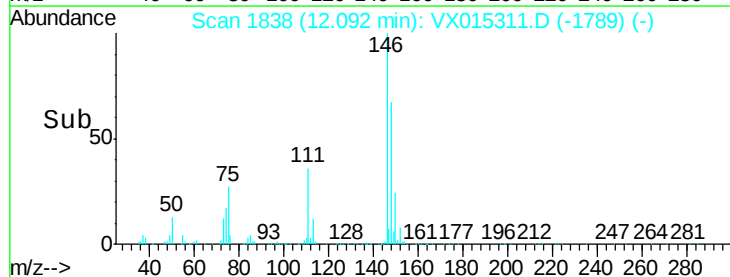
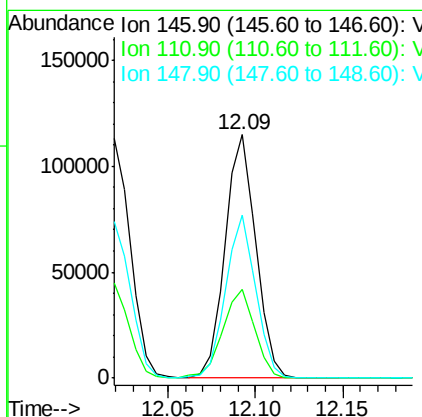
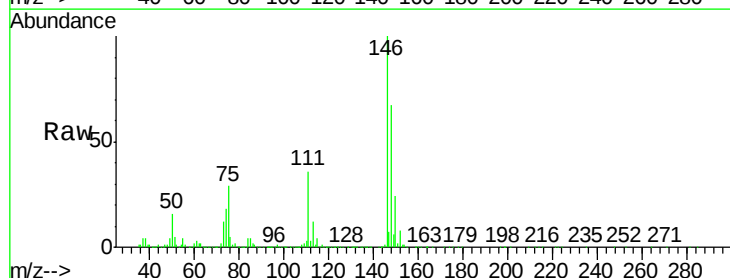
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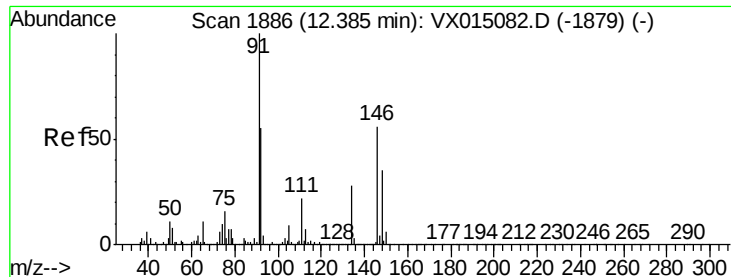
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#88
 1,4-Dichlorobenzene
 Concen: 19.540 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015311.D
 Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	65.5	32.5	97.4





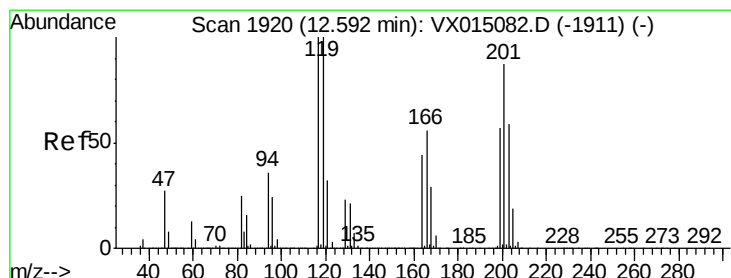
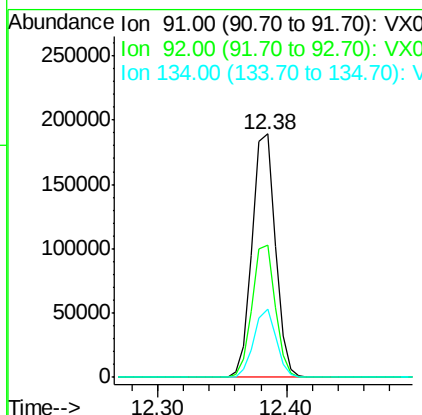
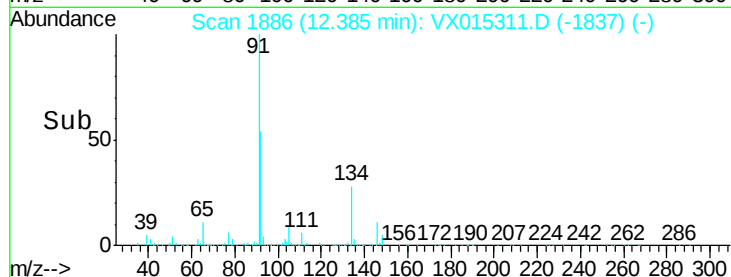
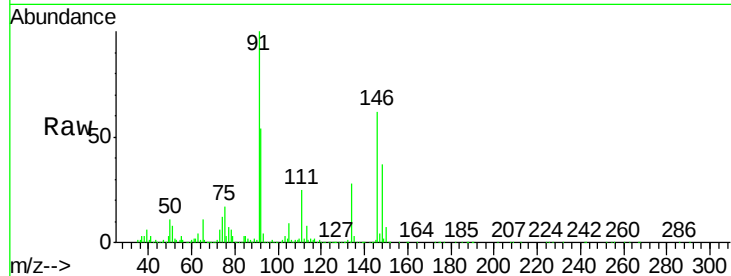
#89
n-Butylbenzene
Concen: 20.714 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	27.0	13.5	40.5

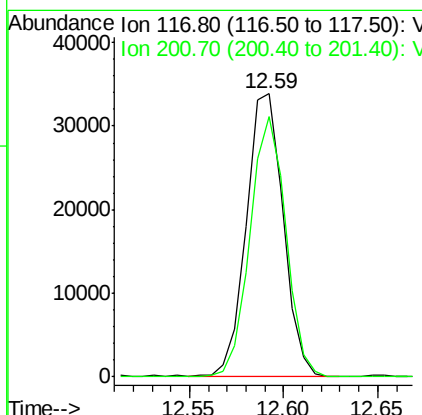
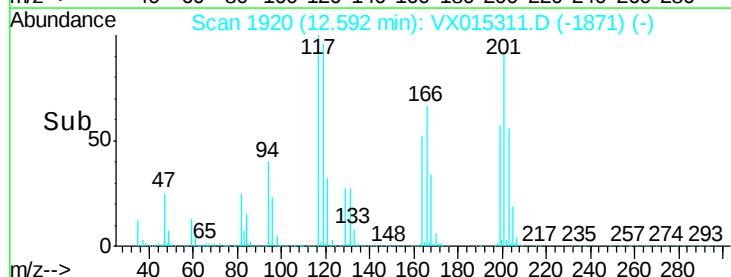
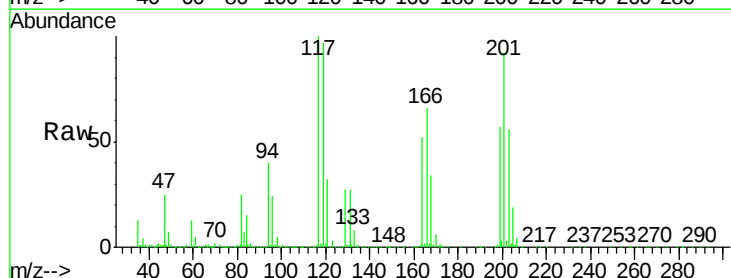
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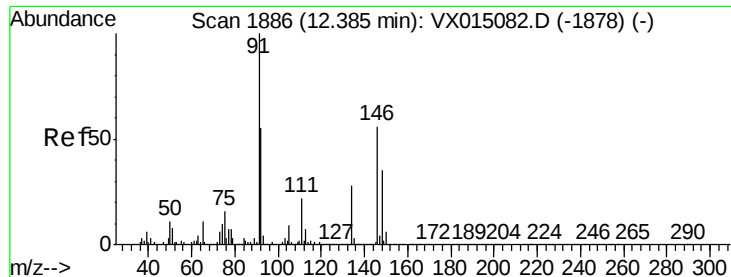
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#90
Hexachloroethane
Concen: 19.117 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	43.5	130.7





#91

1,2-Dichlorobenzene

Concen: 20.347 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Instrument :

MSVOA_X

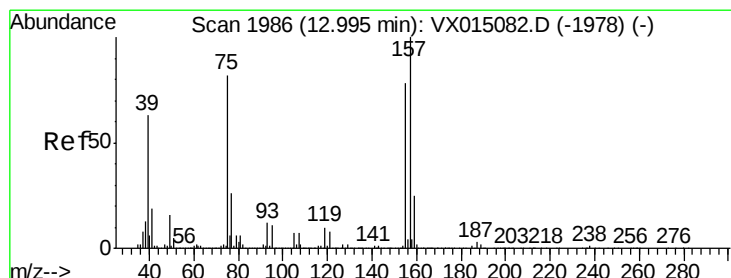
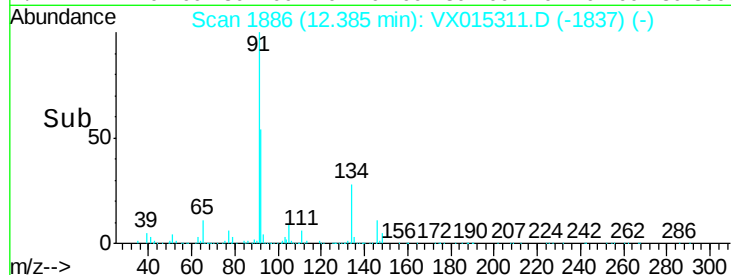
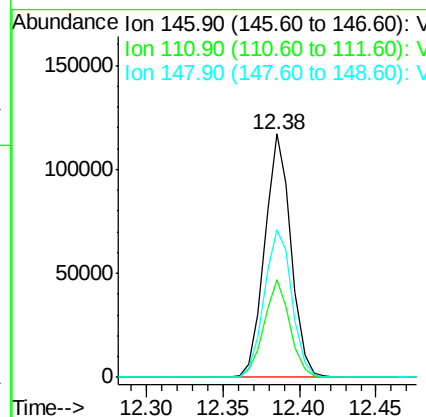
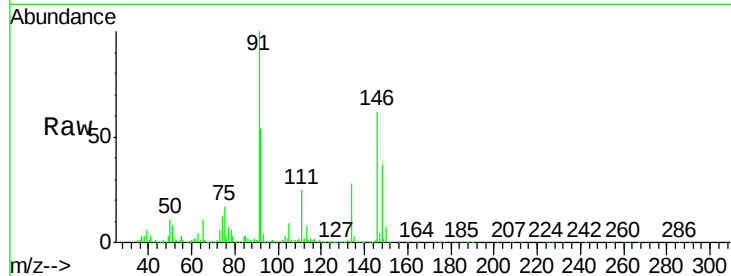
ClientSampleId :

VX0317WBS01

Tot Ion:	146	Resp:	140654
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.9	59.7
148	63.7	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.695 ug/l

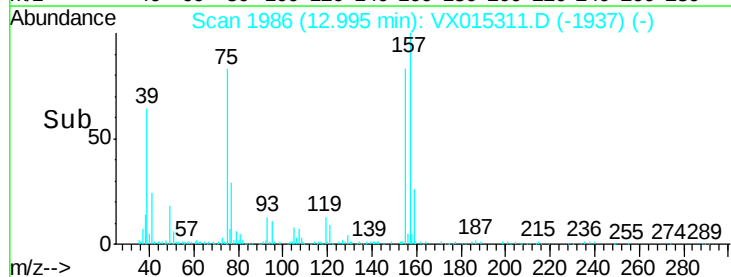
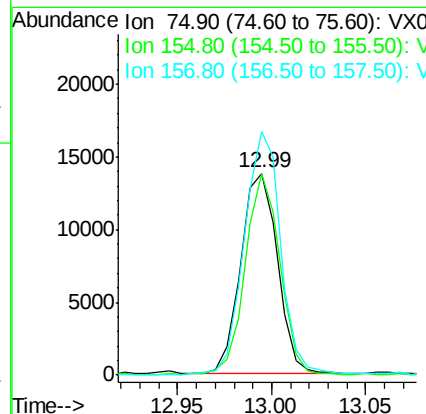
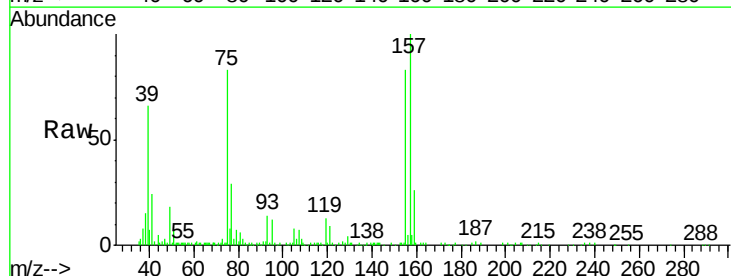
RT: 12.99 min Scan# 1986

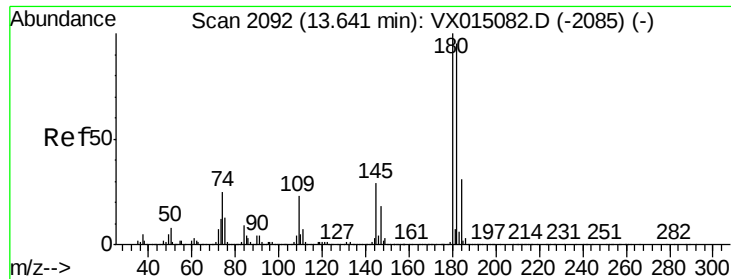
Delta R.T. -0.00 min

Lab File: VX015311.D

Acq: 17 Mar 2020 09:48

Tgt Ion:	75	Resp:	18653
Ion Ratio	Lower	Upper	
75	100		
155	95.8	46.6	139.7
157	121.2	59.2	177.5





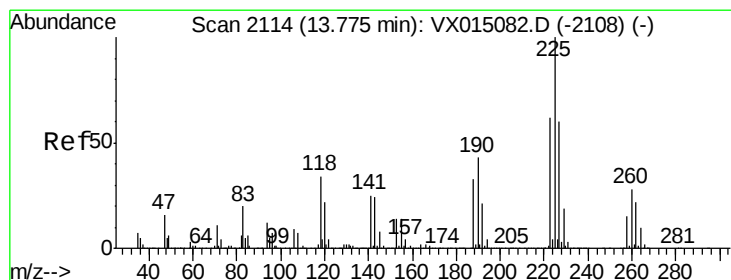
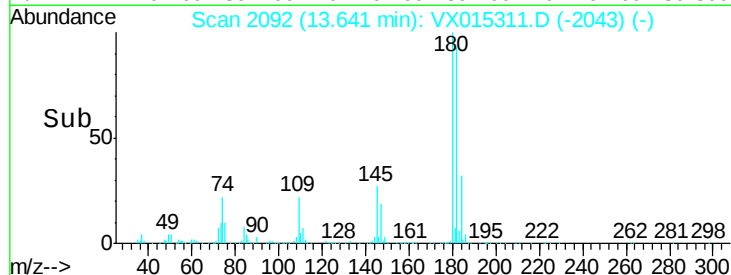
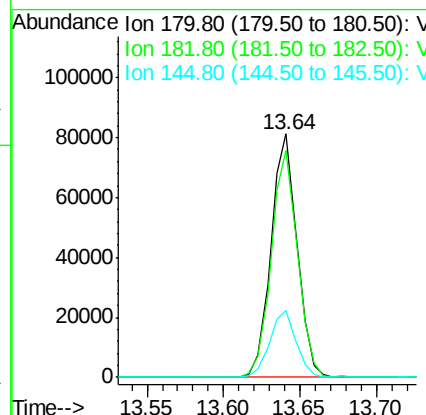
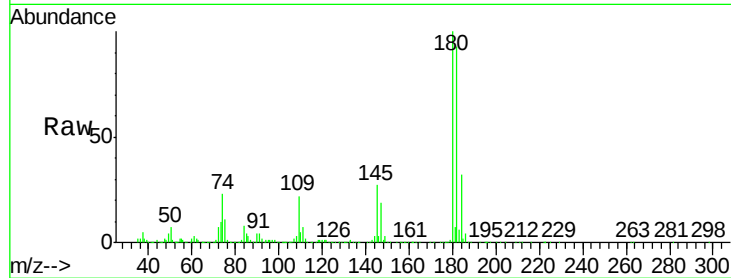
#93
1,2,4-Trichlorobenzene
Concen: 20.170 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	27.9	14.1	42.2

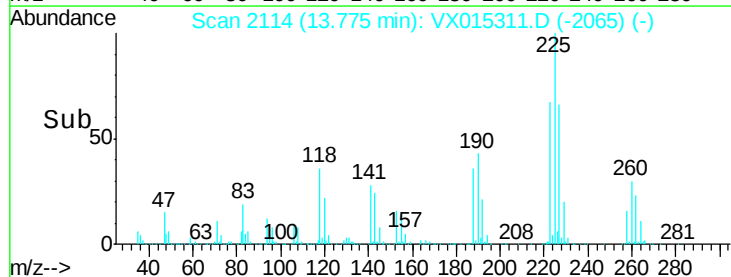
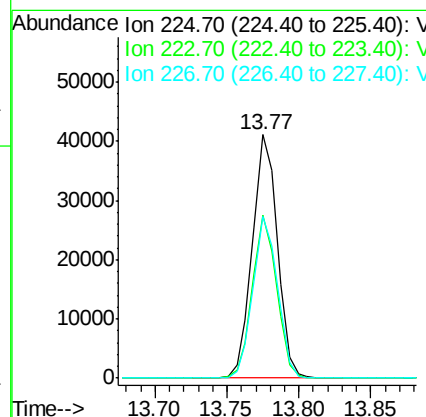
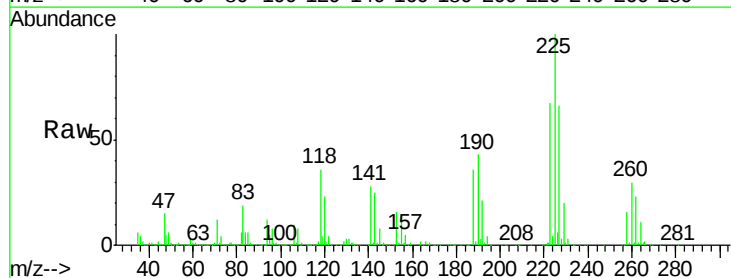
Manual Integrations
APPROVED

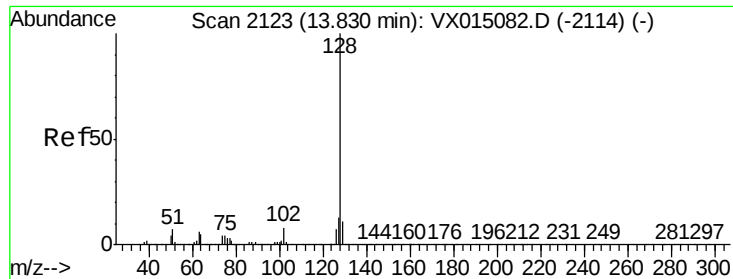
MMDadoda
3/18/2020 4:16:48 PM



#94
Hexachlorobutadiene
Concen: 19.965 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.3	93.9
227	65.4	31.1	93.2





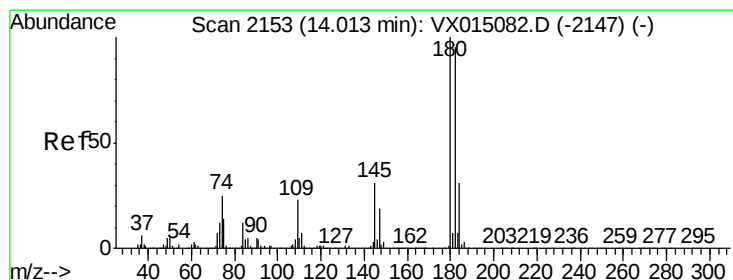
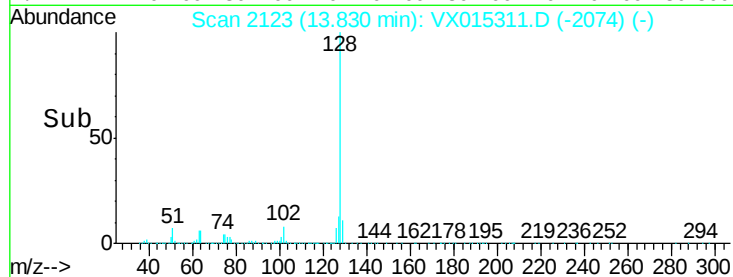
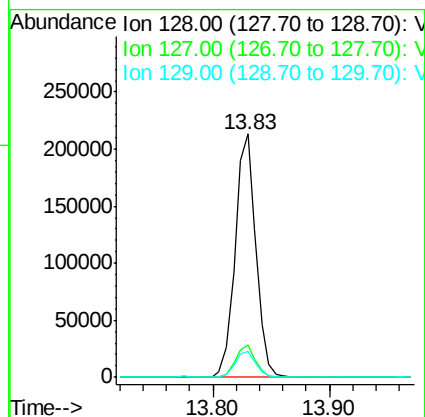
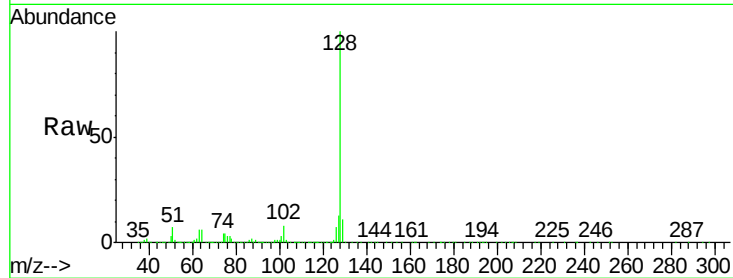
#95
Naphthalene
Concen: 18.854 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/18/2020 4:16:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.315 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015311.D
Acq: 17 Mar 2020 09:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.8	143.4
145	30.2	15.1	45.3

