

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020620\
 Data File : VX014840.D
 Acq On : 06 Feb 2020 11:57
 Operator : JC/SP
 Sample : VX0206WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2020 11:44:37 AM

Quant Time: Feb 06 15:33:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	415897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	613053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	556042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	283233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	230178	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	5.48	113	189236	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.71	98	706760	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.13	95	254535	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94159	17.219	ug/l	99
3) Chloromethane	1.32	50	93942	16.697	ug/l	96
4) Vinyl Chloride	1.40	62	108853	17.893	ug/l	100
5) Bromomethane	1.63	94	67700	16.384	ug/l	99
6) Chloroethane	1.72	64	62605	17.076	ug/l	96
7) Trichlorofluoromethane	1.92	101	130960	18.488	ug/l	99
8) Diethyl Ether	2.18	74	57231	18.511	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78550	18.890	ug/l	98
10) Methyl Iodide	2.50	142	95807	17.559	ug/l	100
11) Tert butyl alcohol	3.02	59	96936	88.901	ug/l	99
12) 1,1-Dichloroethene	2.37	96	73692	17.824	ug/l	97
13) Acrolein	2.28	56	62201	72.349	ug/l	99
14) Allyl chloride	2.72	41	131863	17.744	ug/l	96
15) Acrylonitrile	3.12	53	228225	90.462	ug/l	99
16) Acetone	2.43	43	249698	93.902	ug/l	100
17) Carbon Disulfide	2.56	76	177937	15.747	ug/l	98
18) Methyl Acetate	2.76	43	142515	18.757	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	262097	19.355	ug/l	98
20) Methylene Chloride	2.84	84	89594	18.190	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	80055	17.586	ug/l	99
22) Diisopropyl ether	3.84	45	282743	19.124	ug/l	95
23) Vinyl Acetate	3.80	43	1070047	94.943	ug/l	100
24) 1,1-Dichloroethane	3.69	63	152494	18.992	ug/l	98
25) 2-Butanone	4.65	43	334083	87.601	ug/l	96
26) 2,2-Dichloropropane	4.58	77	124894	19.433	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	93812	18.413	ug/l	99
28) Bromochloromethane	5.00	49	58670	16.628	ug/l	94
29) Tetrahydrofuran	5.11	42	202370	89.406	ug/l	99
30) Chloroform	5.20	83	151318	19.024	ug/l	100
31) Cyclohexane	5.57	56	131963	17.474	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	129543	19.268	ug/l	98
36) 1,1-Dichloropropene	5.79	75	110952	19.477	ug/l	98
37) Ethyl Acetate	4.81	43	120107	18.409	ug/l	96
38) Carbon Tetrachloride	5.78	117	109788	20.180	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	133247	18.672	ug/l	94
40) Benzene	6.13	78	337772	19.191	ug/l	98
41) Methacrylonitrile	5.03	41	69204	18.431	ug/l	97
42) 1,2-Dichloroethane	6.18	62	125949	20.722	ug/l	100
43) Isopropyl Acetate	6.43	43	202568	18.960	ug/l	99
44) Trichloroethene	7.20	130	96552	19.421	ug/l	97
45) 1,2-Dichloropropane	7.50	63	90538	19.967	ug/l	99
46) Dibromomethane	7.65	93	57749	19.664	ug/l	97
47) Bromodichloromethane	7.89	83	116200	20.174	ug/l	97
48) Methyl methacrylate	7.76	41	97766	19.152	ug/l	97
49) 1,4-Dioxane	7.73	88	42322	391.115	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	633808	93.992	ug/l	100
52) Toluene	8.78	92	214984	19.870	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	124806	20.123	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	138143	20.247	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90114	20.343	ug/l	98
56) Ethyl methacrylate	9.17	69	133738	18.957	ug/l	99
57) 1,3-Dichloropropane	9.36	76	149442	19.735	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	214907	96.469	ug/l	99
59) 2-Hexanone	9.48	43	495574	94.709	ug/l	99
60) Dibromochloromethane	9.57	129	92695	20.048	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93277	19.916	ug/l	98
64) Tetrachloroethene	9.33	164	100073	18.182	ug/l	99
65) Chlorobenzene	10.14	112	235712	19.819	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89261	20.355	ug/l	99
67) Ethyl Benzene	10.25	91	407002	20.042	ug/l	99
68) m/p-Xylenes	10.36	106	311621	40.504	ug/l	100
69) o-Xylene	10.70	106	152728	20.563	ug/l	97
70) Styrene	10.71	104	255881	20.538	ug/l	99
71) Bromoform	10.85	173	69703	19.988	ug/l #	99
73) Isopropylbenzene	11.01	105	406636	20.418	ug/l	100
74) N-amyl acetate	10.89	43	170576	19.546	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	132273	18.602	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	110008m	16.694	ug/l	
77) Bromobenzene	11.25	156	109781	20.519	ug/l	93
78) n-propylbenzene	11.35	91	455135	20.134	ug/l	98
79) 2-Chlorotoluene	11.42	91	271045	19.817	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	337626	20.426	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41091	17.746	ug/l	96
82) 4-Chlorotoluene	11.51	91	312241	20.052	ug/l	99
83) tert-Butylbenzene	11.76	119	323609	20.835	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	339339	20.468	ug/l	100
85) sec-Butylbenzene	11.94	105	392530	20.630	ug/l	100
86) p-Isopropyltoluene	12.06	119	365542	20.788	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187891	19.541	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	188295	19.550	ug/l	98
89) n-Butylbenzene	12.39	91	304475	19.881	ug/l	100
90) Hexachloroethane	12.59	117	62629	19.175	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	188468	19.735	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27506	18.005	ug/l	97

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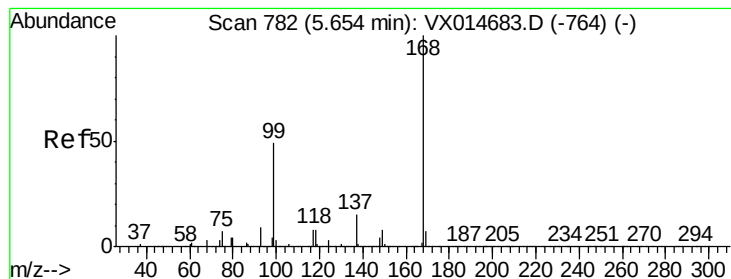
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127689	20.739	ug/l	99
94) Hexachlorobutadiene	13.78	225	65486	20.665	ug/l	98
95) Naphthalene	13.83	128	369945	19.218	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	128481	20.638	ug/l	97

(#) = 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: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion:168 Resp: 415897

Ion Ratio Lower Upper

168 100

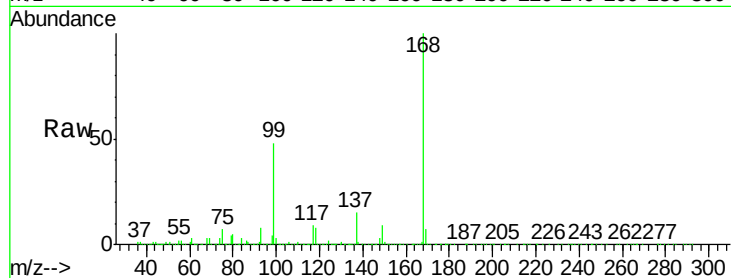
99 47.4 39.8 59.6

Manual Integrations

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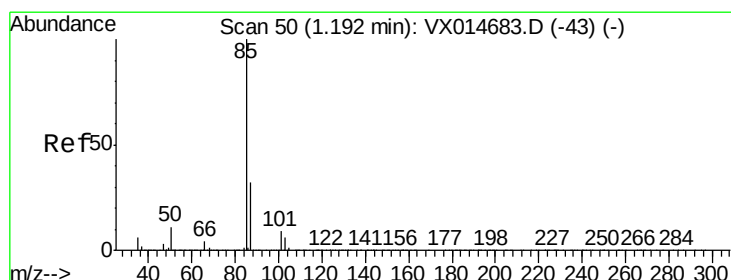
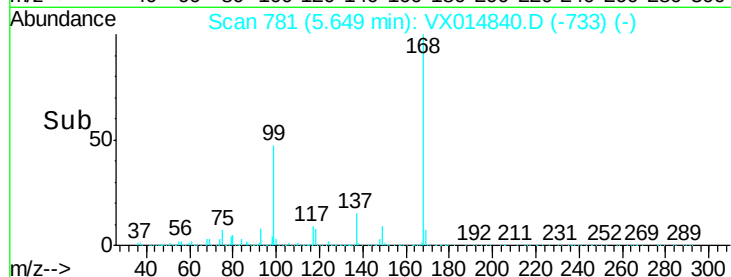
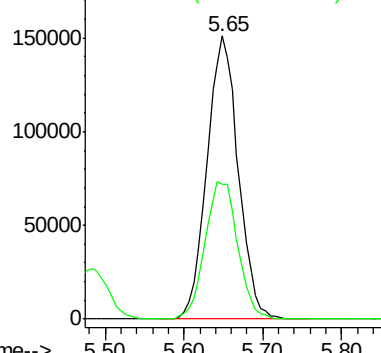
MMDadoda

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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: 17.219 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014840.D

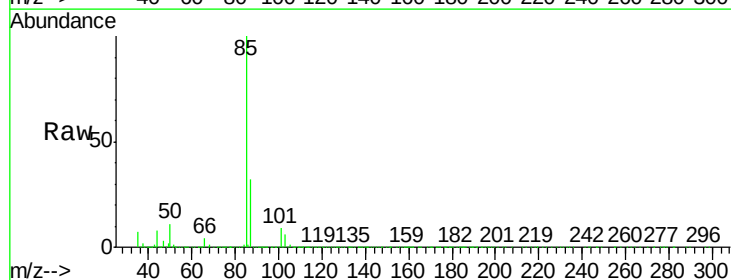
Acq: 06 Feb 2020 11:57

Tgt Ion: 85 Resp: 94159

Ion Ratio Lower Upper

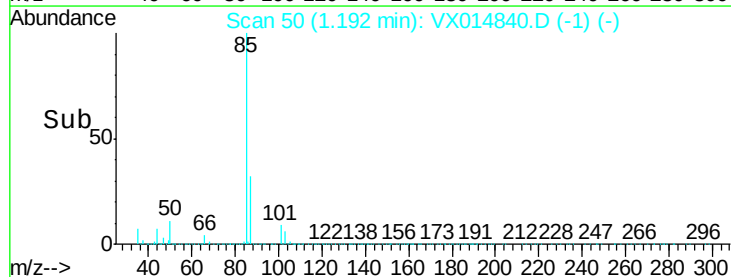
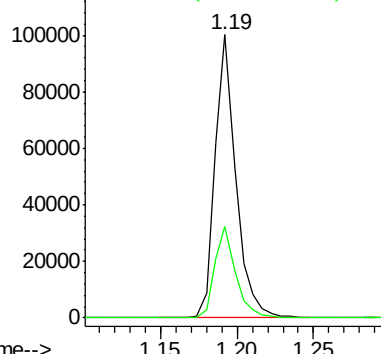
85 100

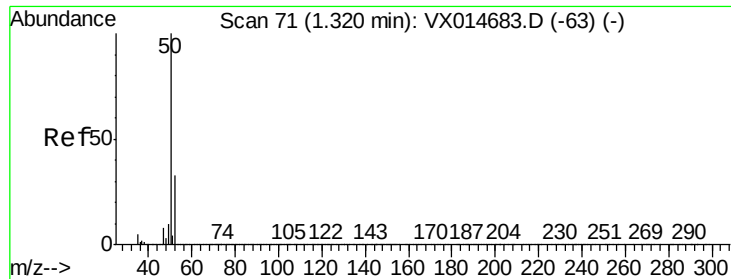
87 32.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.697 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 50 Resp: 93942

Ion Ratio Lower Upper

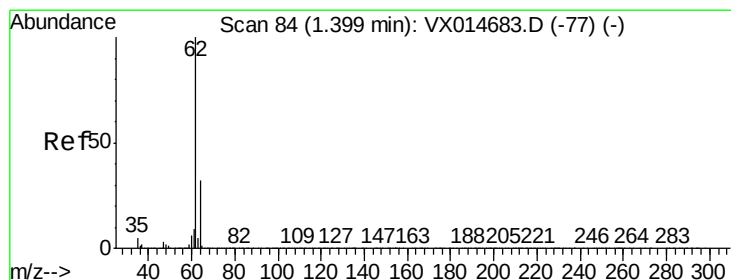
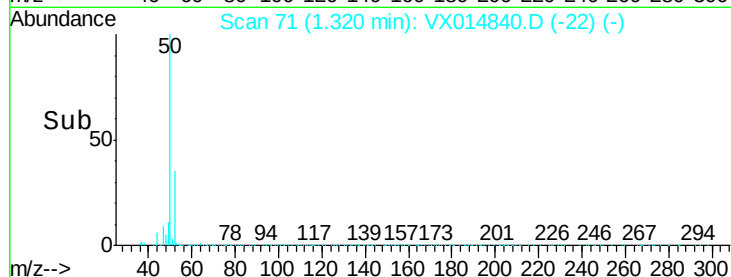
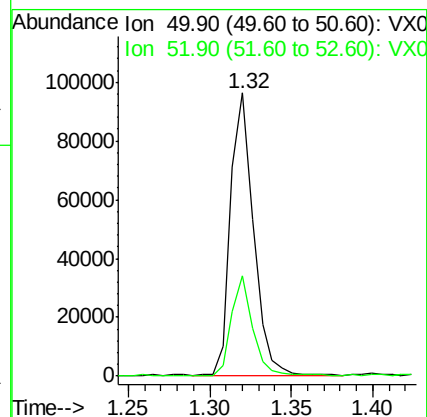
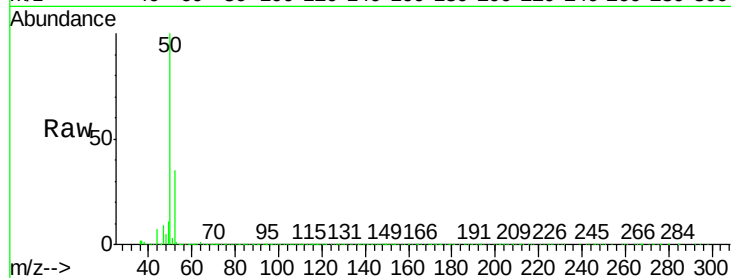
50 100

52 35.2 26.2 39.2

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#4

Vinyl Chloride

Concen: 17.893 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014840.D

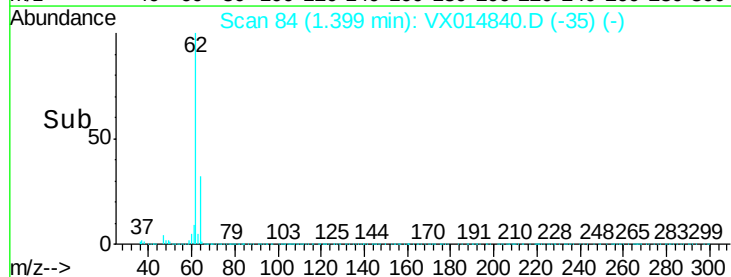
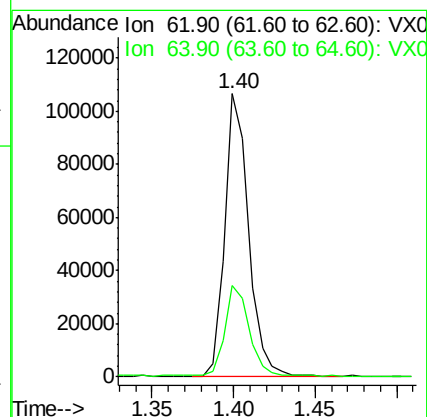
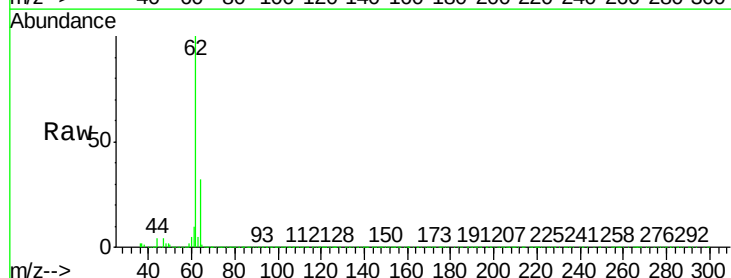
Acq: 06 Feb 2020 11:57

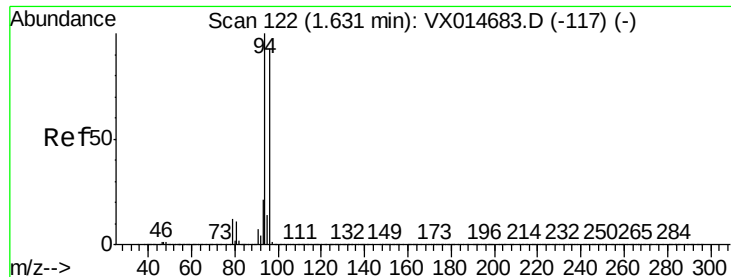
Tgt Ion: 62 Resp: 108853

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 16.384 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion: 94 Resp: 67700

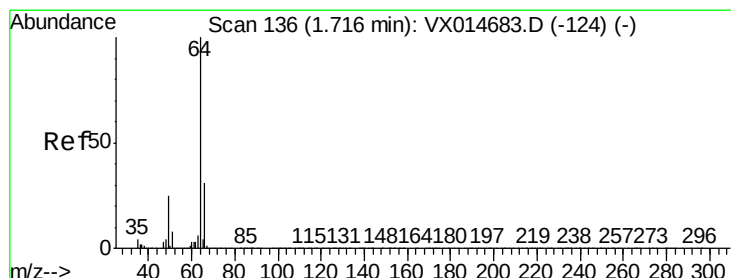
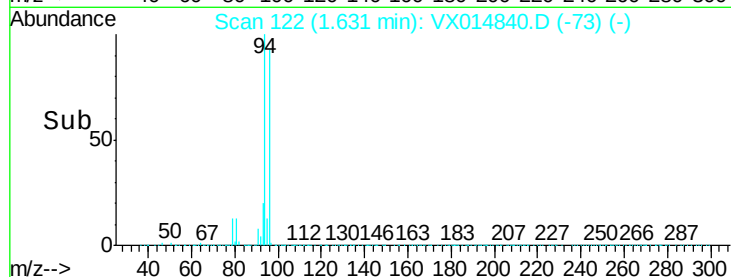
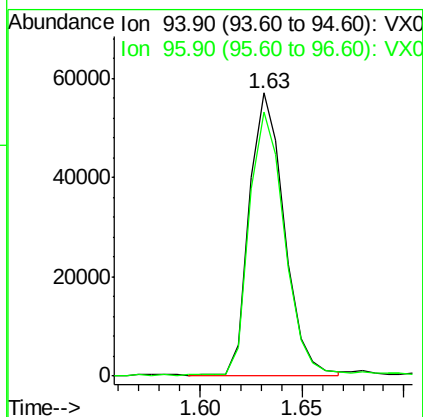
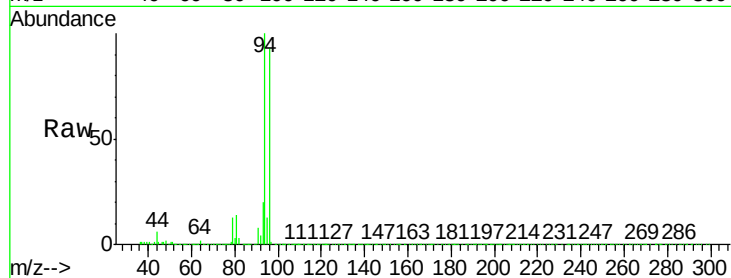
Ion Ratio Lower Upper

94 100

96 92.8 74.7 112.1

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#6

Chloroethane

Concen: 17.076 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014840.D

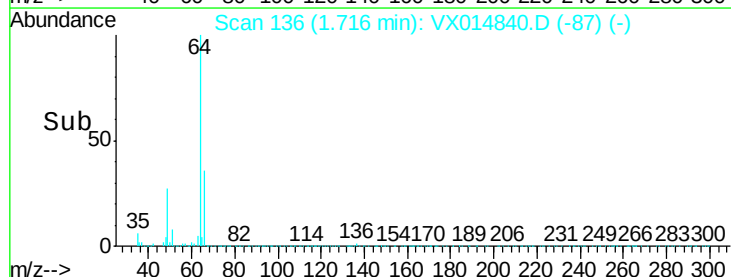
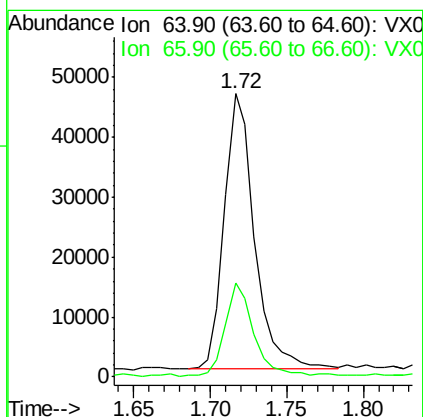
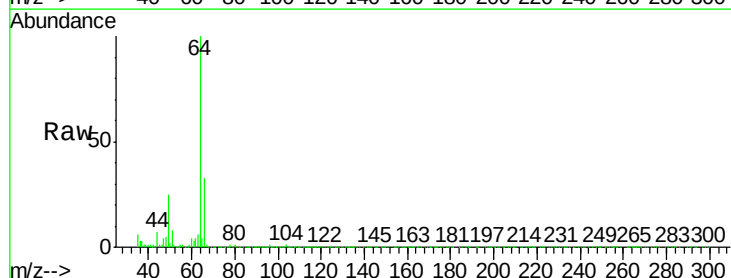
Acq: 06 Feb 2020 11:57

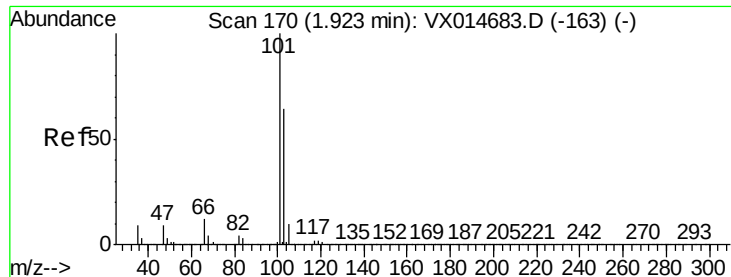
Tgt Ion: 64 Resp: 62605

Ion Ratio Lower Upper

64 100

66 33.8 25.2 37.8





#7

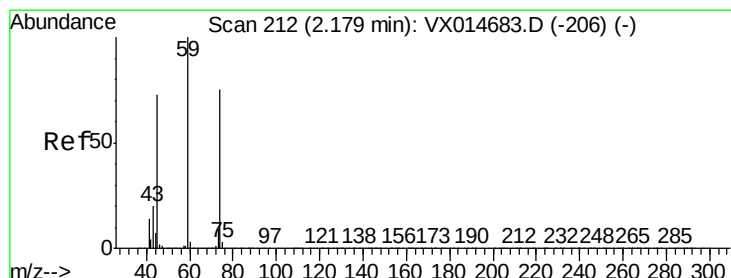
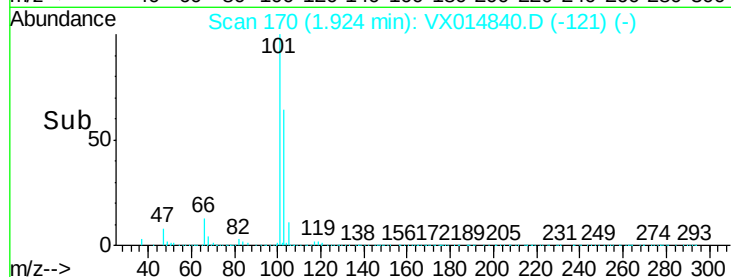
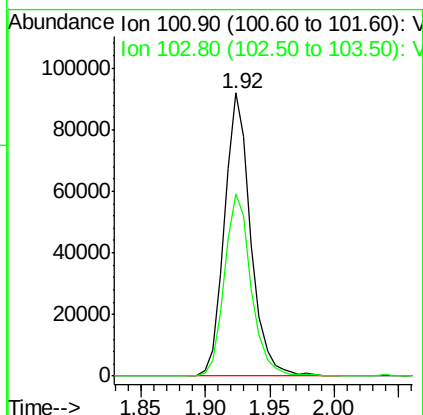
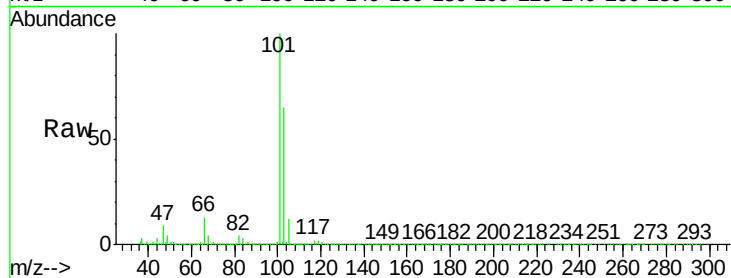
Trichlorofluoromethane
Concen: 18.488 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
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ClientSampled :
VX0206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	130960		
103	64.5	51.0	76.6	

Manual Integrations
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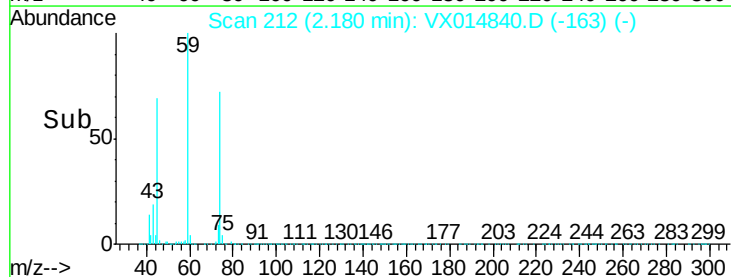
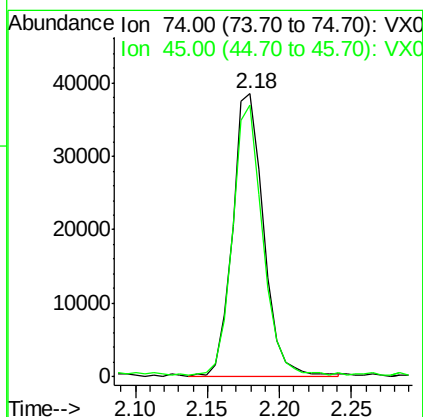
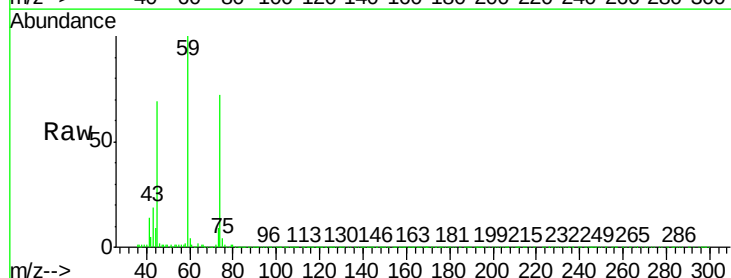
MMDadoda
2/7/2020 11:44:37 AM

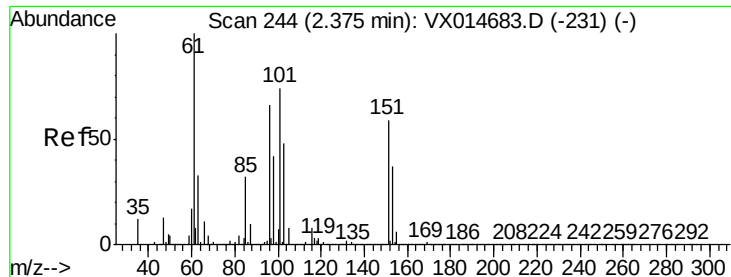


#8

Diethyl Ether
Concen: 18.511 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57231		
45	92.7	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.890 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

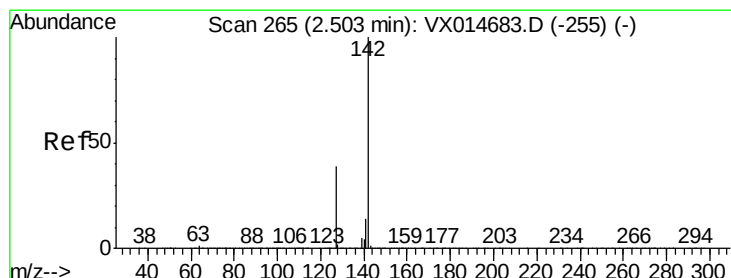
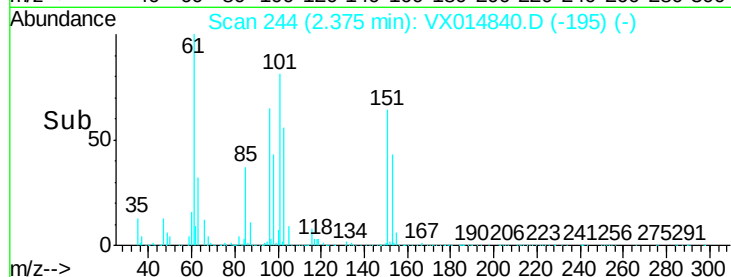
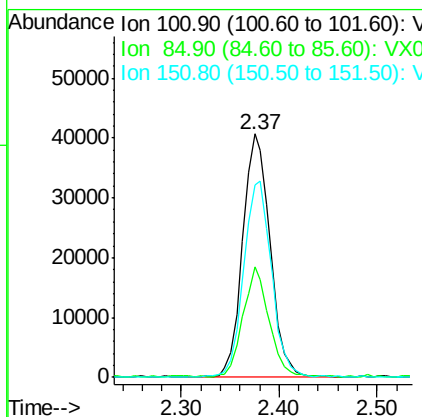
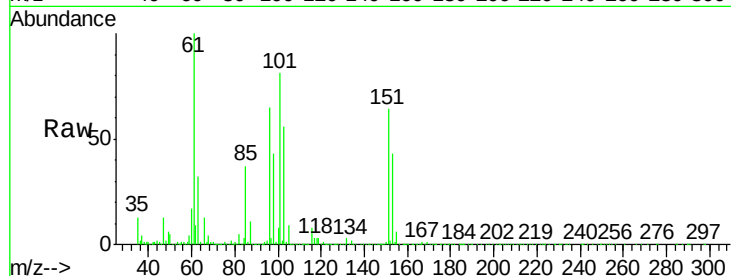
ClientSampled :

VX0206WBS01

Tot Ion:	101	Resp:	78550
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.7	52.1
151	82.5	64.7	97.1

Manual Integrations
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MMDadoda
2/7/2020 11:44:37 AM



#10

Methyl Iodide

Concen: 17.559 ug/l

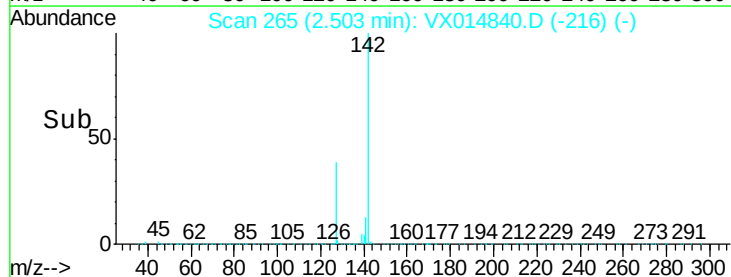
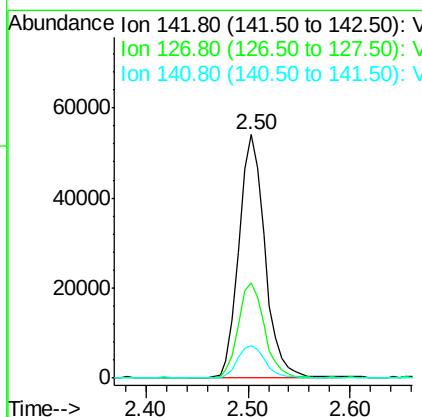
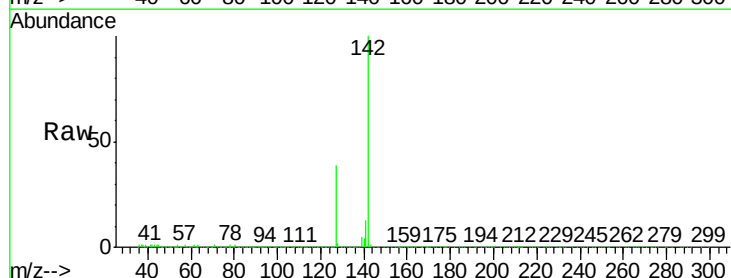
RT: 2.50 min Scan# 265

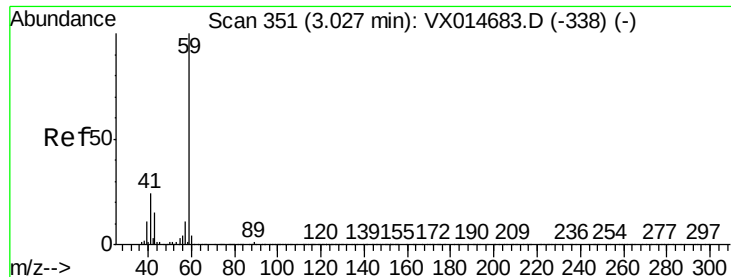
Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion:	142	Resp:	95807
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.1	46.7
141	14.2	11.3	16.9





#11

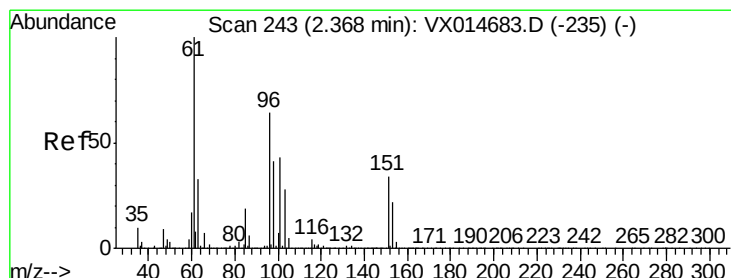
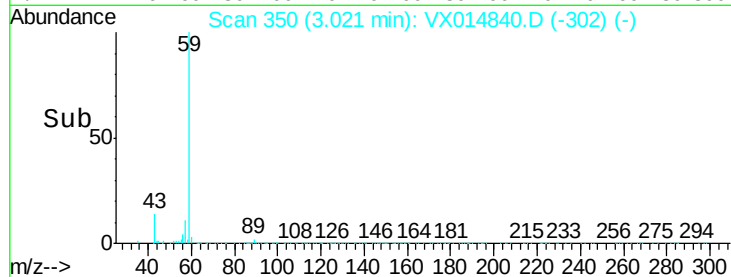
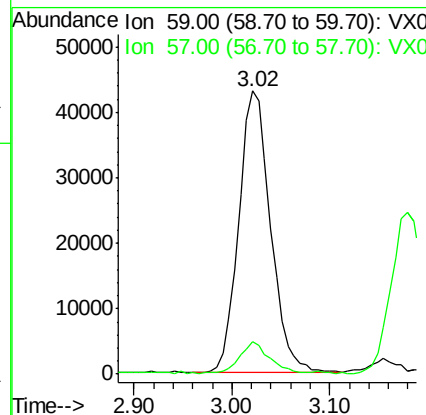
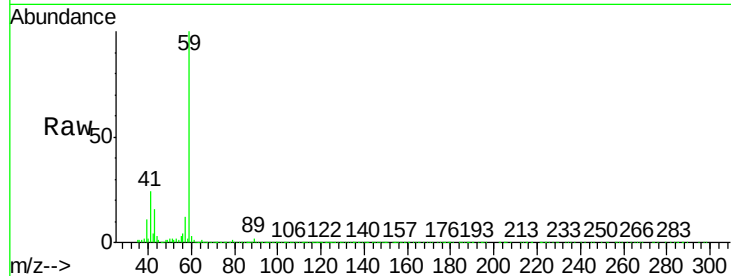
Tert butyl alcohol
Concen: 88.901 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

Manual Integrations
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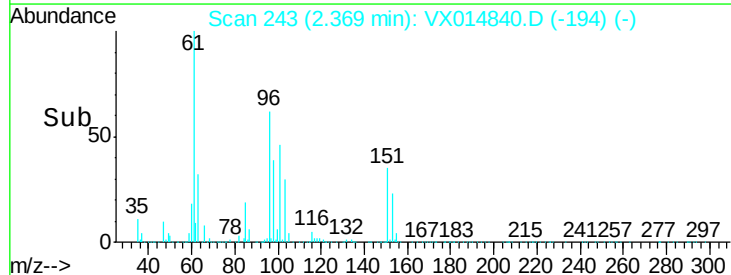
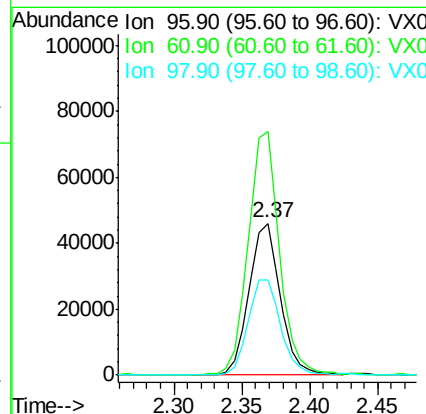
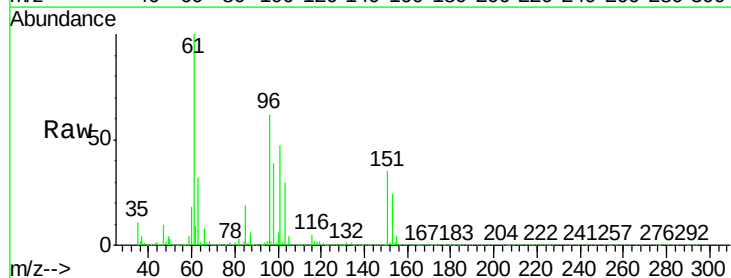
MMDadoda
2/7/2020 11:44:37 AM

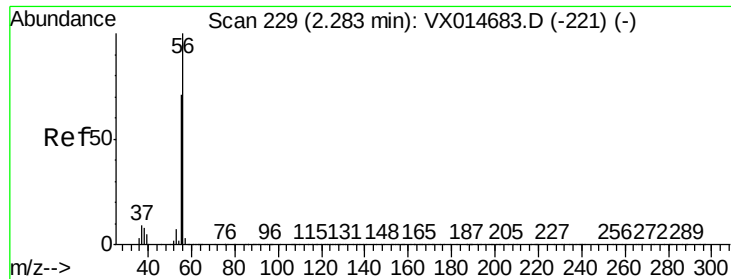


#12

1,1-Dichloroethene
Concen: 17.824 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	125.8	188.8
98	62.0	51.5	77.3





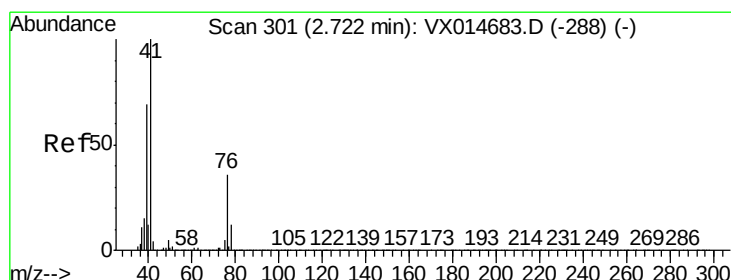
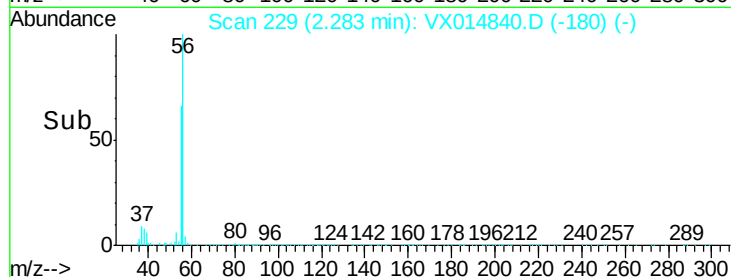
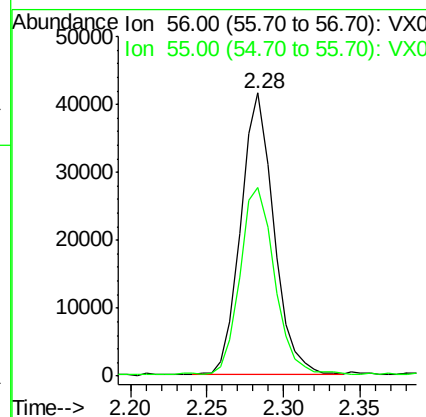
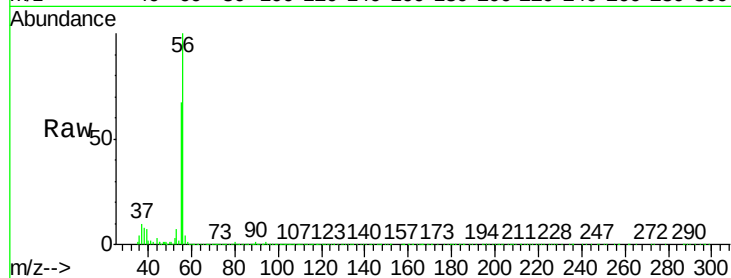
#13
Acrolein
Concen: 72.349 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.2	56.6	84.8	

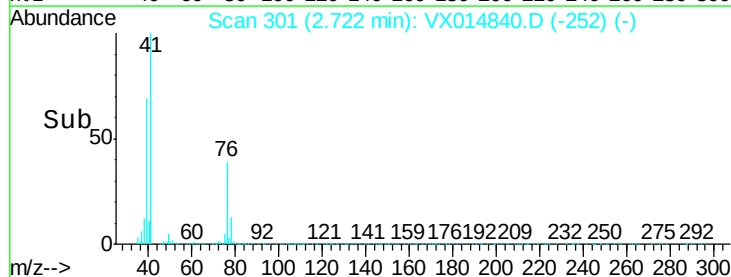
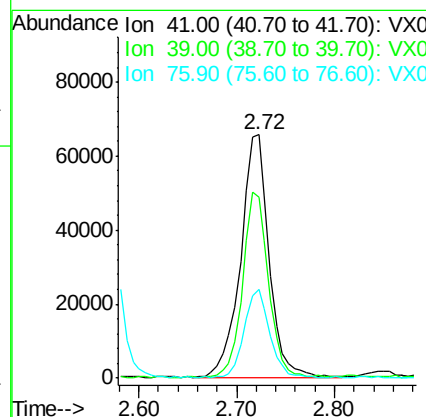
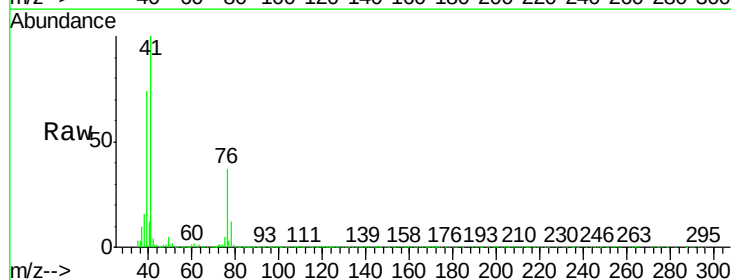
Manual Integrations
APPROVED

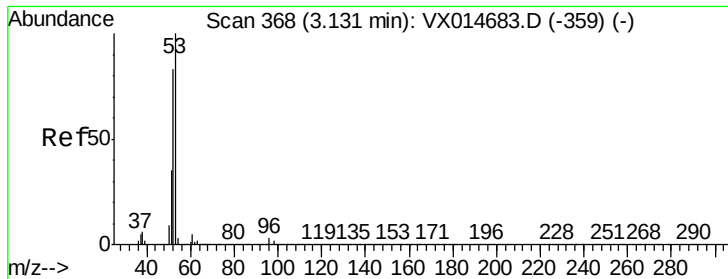
MMDadoda
2/7/2020 11:44:37 AM



#14
Allyl chloride
Concen: 17.744 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	70.0	52.0	78.0	
76	32.6	26.0	39.0	





#15

Acrylonitrile

Concen: 90.462 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

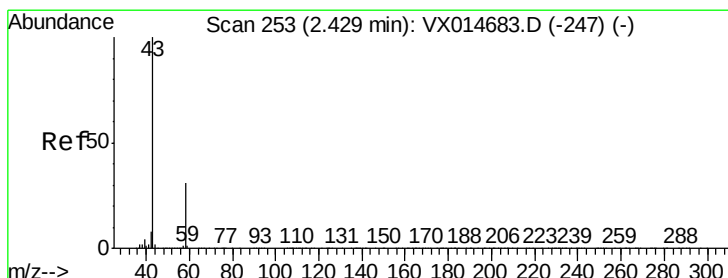
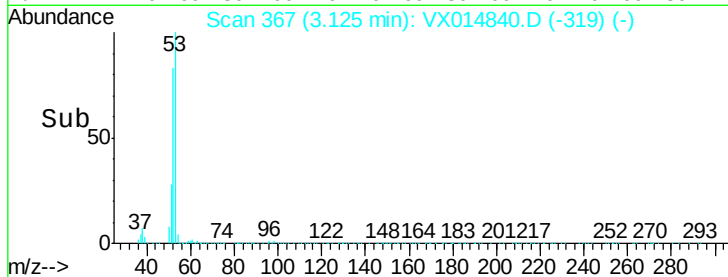
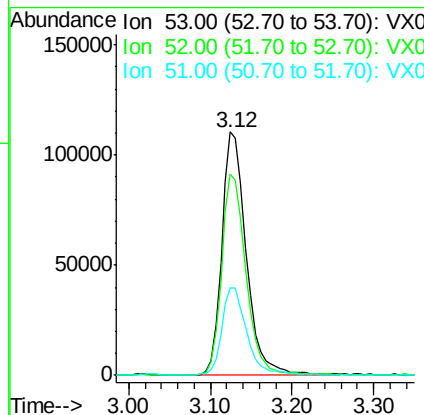
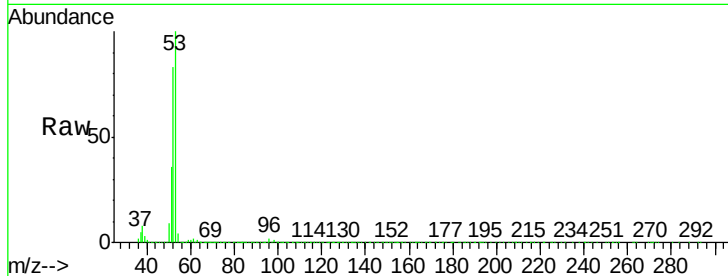
ClientSampleId :

VX0206WBS01

Tot Ion:	53	Resp:	228225
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.4	99.6
51	36.3	28.7	43.1

Manual Integrations
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MMDadoda
2/7/2020 11:44:37 AM



#16

Acetone

Concen: 93.902 ug/l

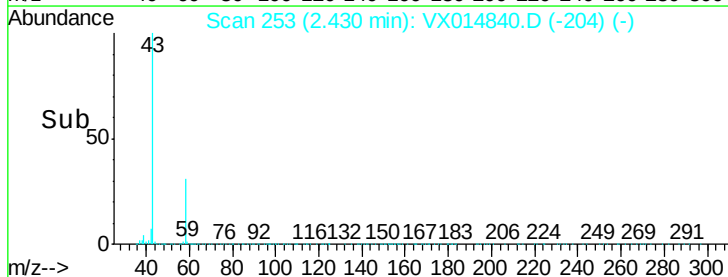
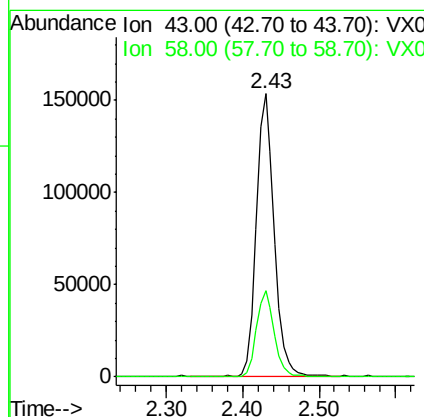
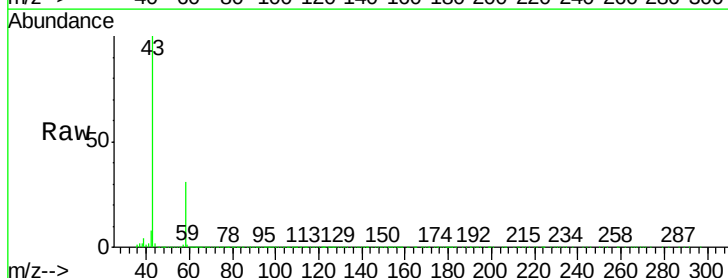
RT: 2.43 min Scan# 253

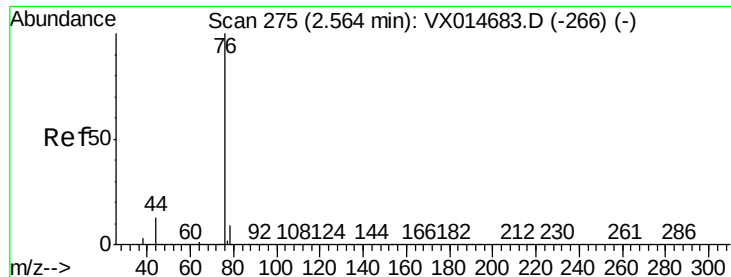
Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion:	43	Resp:	249698
Ion Ratio	Lower	Upper	
43	100		
58	30.5	24.5	36.7





#17

Carbon Disulfide

Concen: 15.747 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion: 76 Resp: 177937

Ion Ratio Lower Upper

76 100

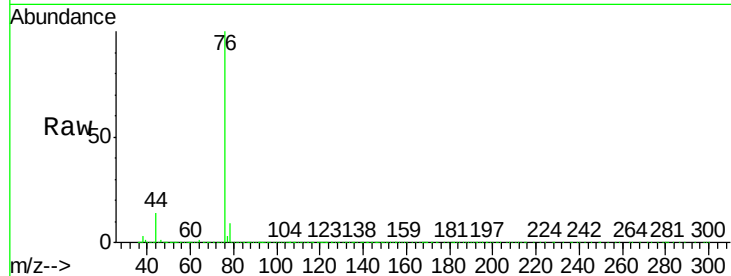
78 8.5 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

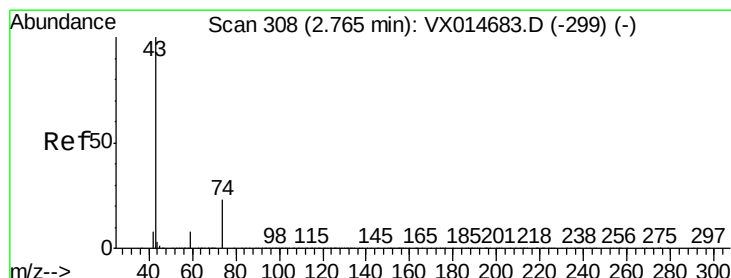
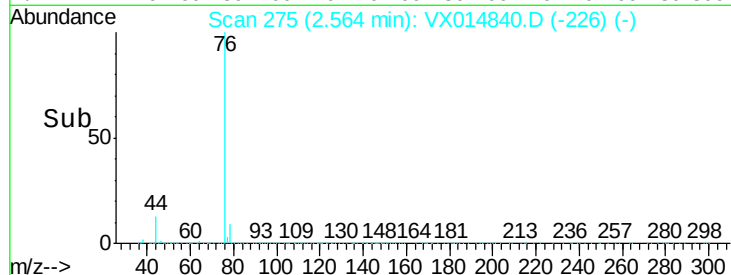
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 18.757 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014840.D

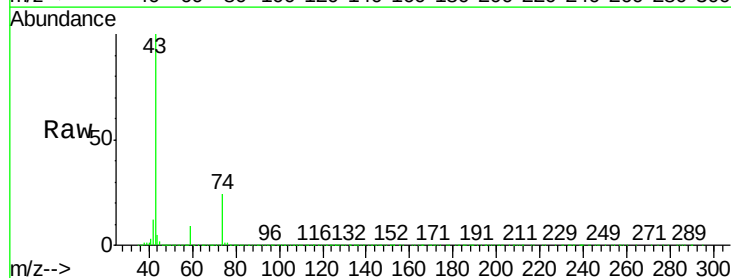
Acq: 06 Feb 2020 11:57

Tgt Ion: 43 Resp: 142515

Ion Ratio Lower Upper

43 100

74 24.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

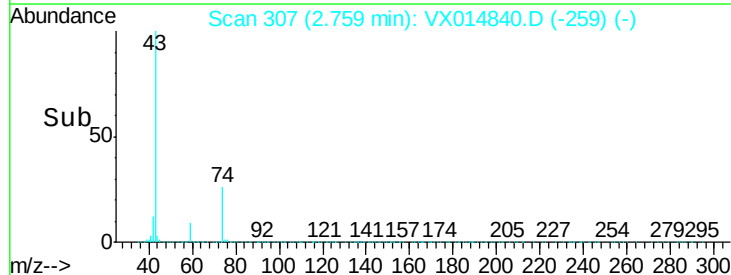
60000

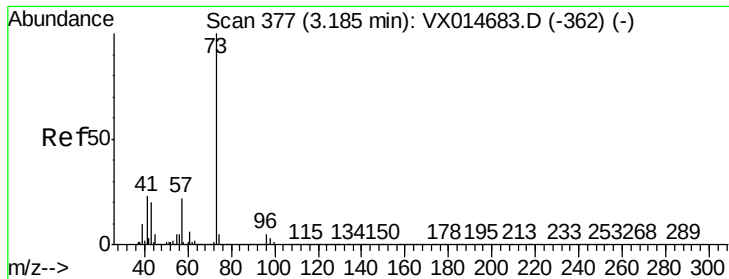
40000

20000

0

Time--> 2.65 2.70 2.75 2.80 2.85





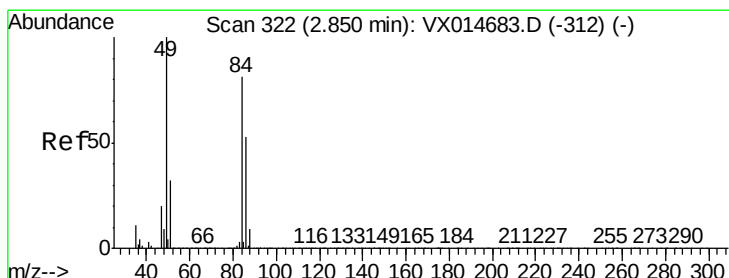
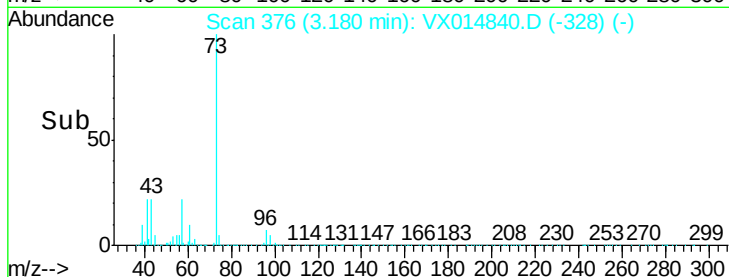
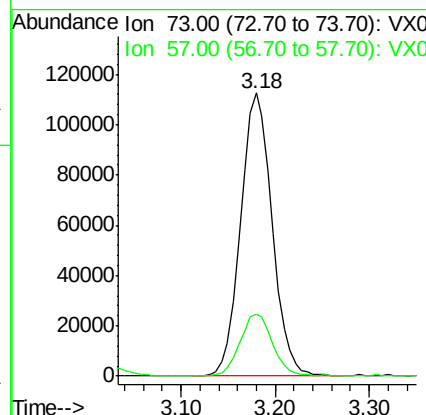
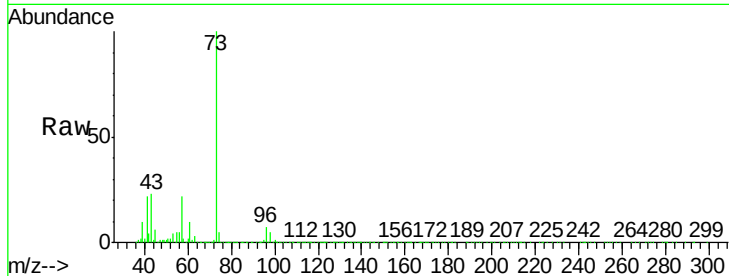
#19
Methyl tert-butyl Ether
Concen: 19.355 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	18.0	27.0

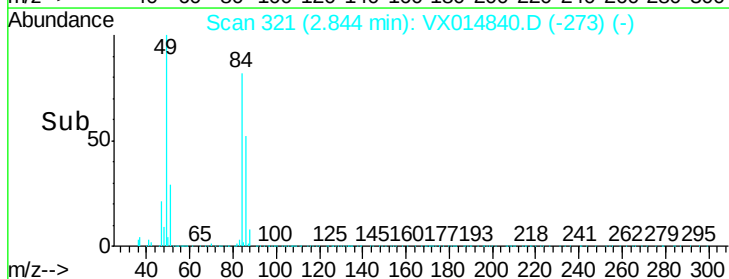
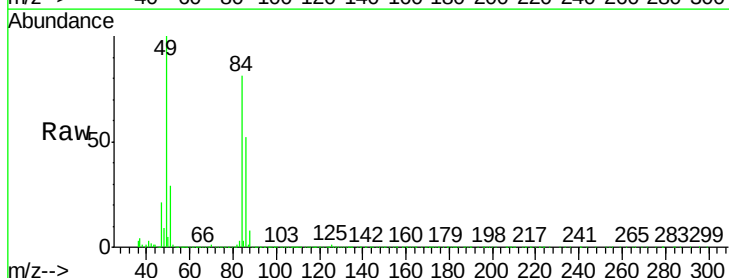
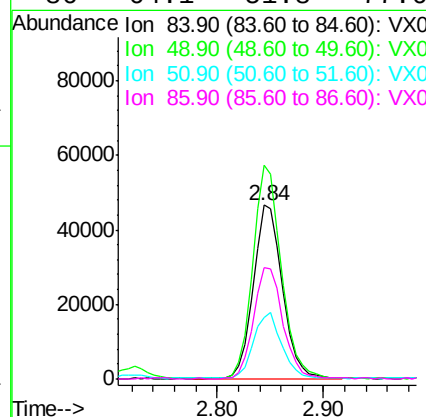
Manual Integrations
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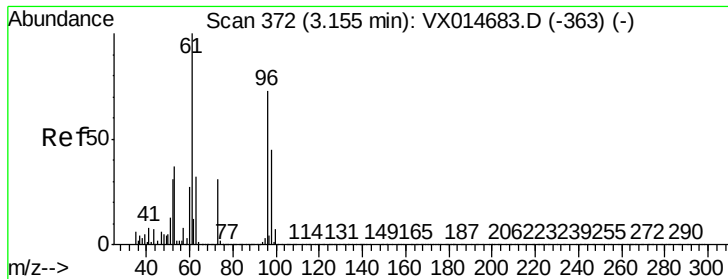
MMDadoda
2/7/2020 11:44:37 AM



#20
Methylene Chloride
Concen: 18.190 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.5	98.2	147.4
51	35.2	31.3	46.9
86	64.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.586 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

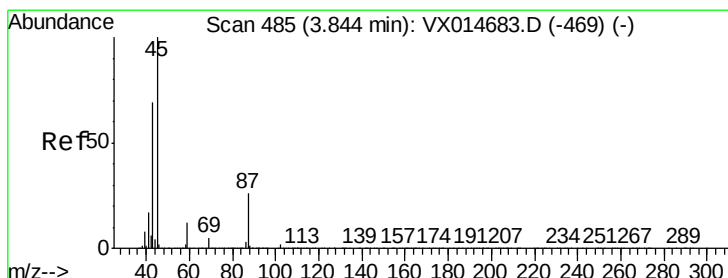
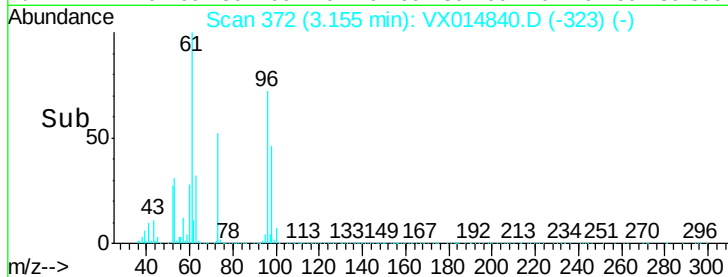
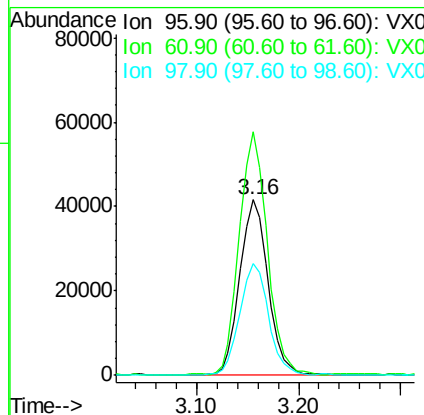
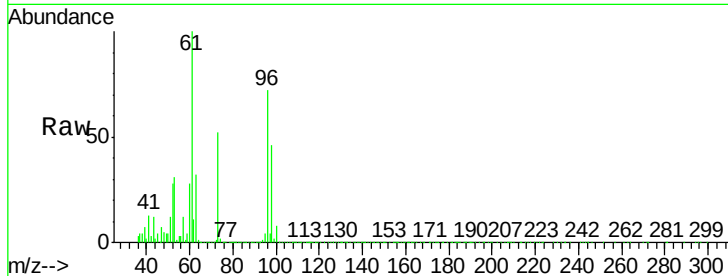
ClientSampleId :

VX0206WBS01

Tot Ion:	96	Resp:	80055
Ion Ratio	Lower	Upper	
96	100		
61	138.2	109.8	164.6
98	63.3	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.124 ug/l

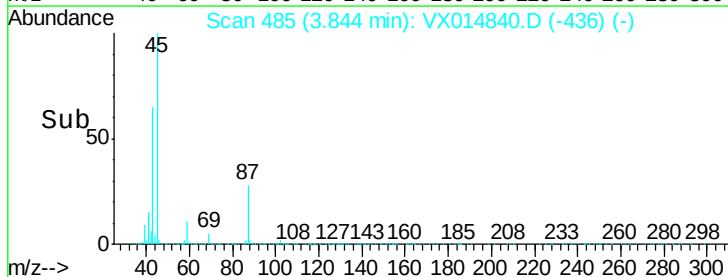
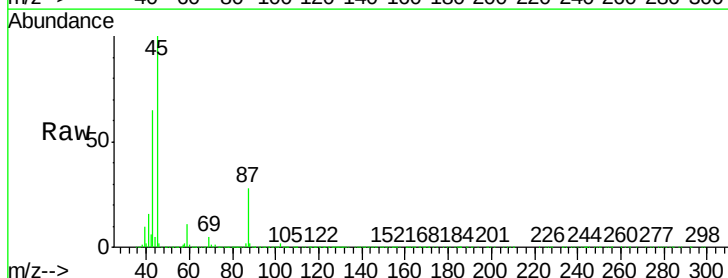
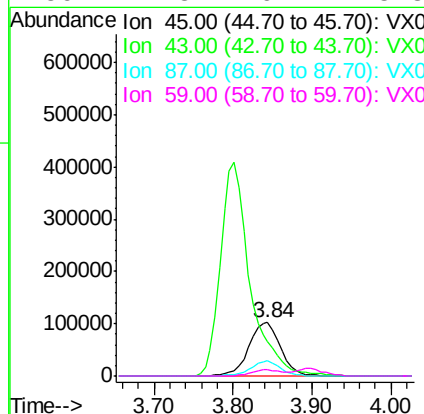
RT: 3.84 min Scan# 485

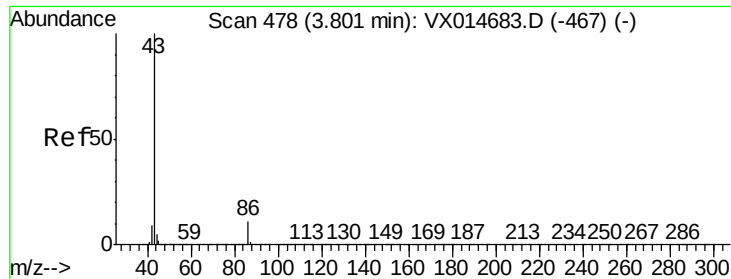
Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion:	45	Resp:	282743
Ion Ratio	Lower	Upper	
45	100		
43	64.5	55.1	82.7
87	28.2	20.7	31.1
59	11.3	9.2	13.8





#23

Vinyl Acetate

Concen: 94.943 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 43 Resp: 1070047

Ion Ratio Lower Upper

43 100

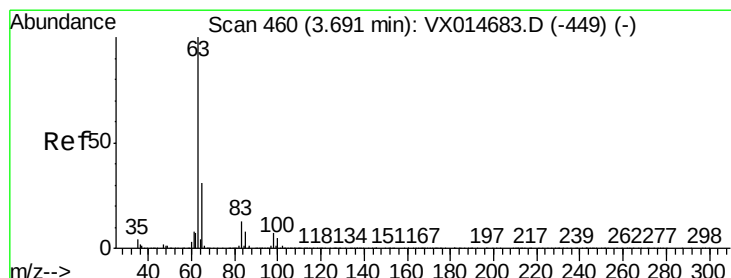
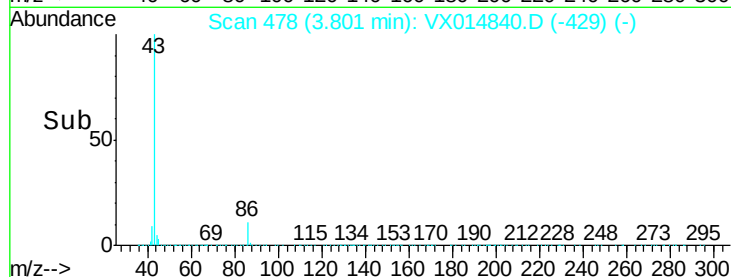
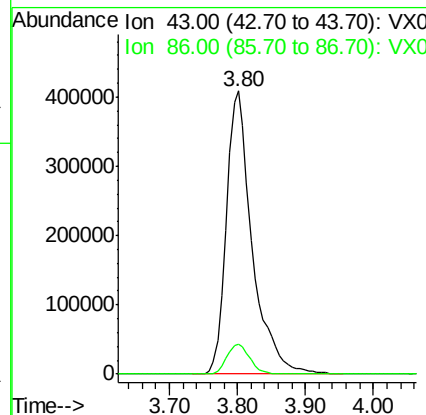
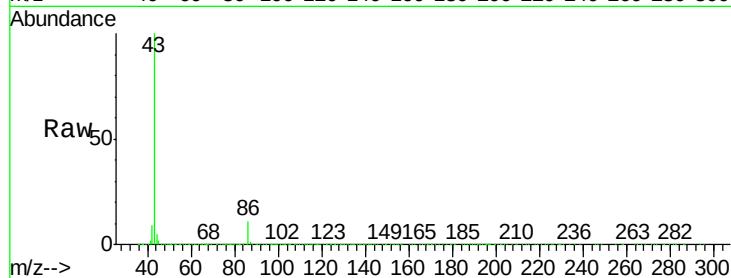
86 10.6 8.4 12.6

Manual Integrations

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MMDadoda

2/7/2020 11:44:37 AM



#24

1,1-Dichloroethane

Concen: 18.992 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

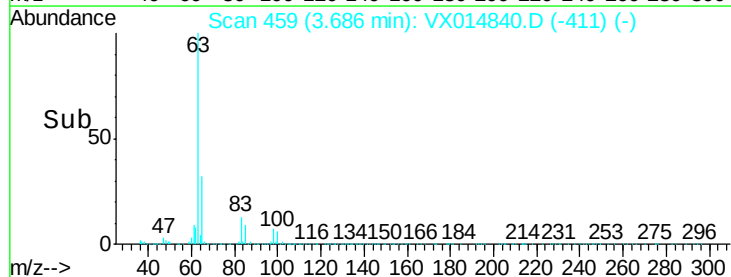
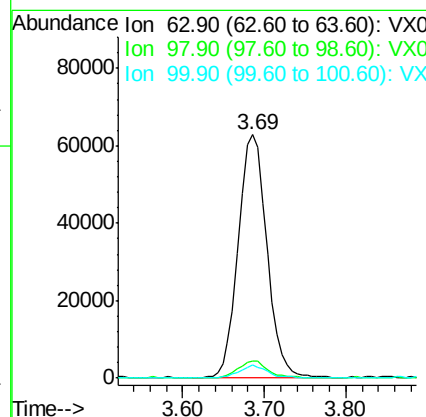
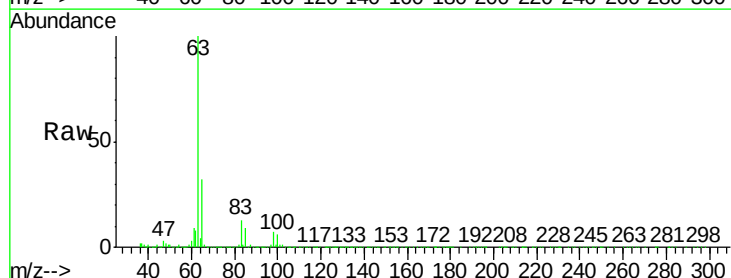
Tgt Ion: 63 Resp: 152494

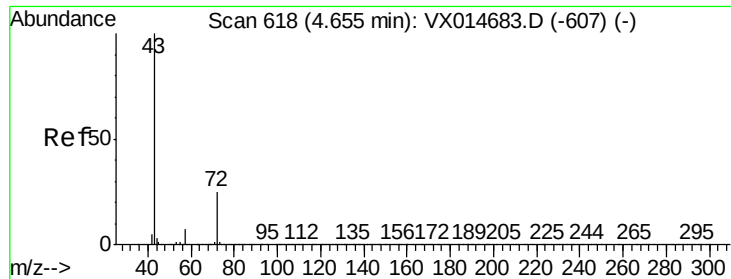
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 5.5 2.2 6.6





#25

2-Butanone

Concen: 87.601 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tot Ion: 43 Resp: 334083

Ion Ratio Lower Upper

43 100

72 27.1 19.9 29.9

Instrument :

MSVOA_X

ClientSampleId :

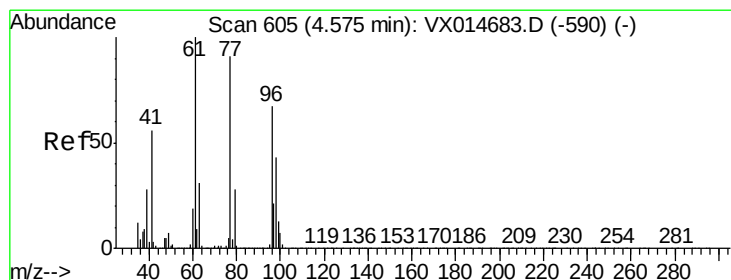
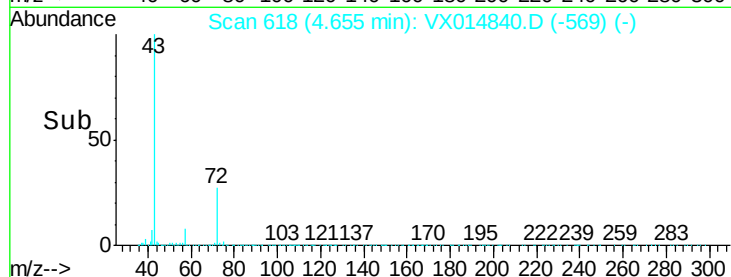
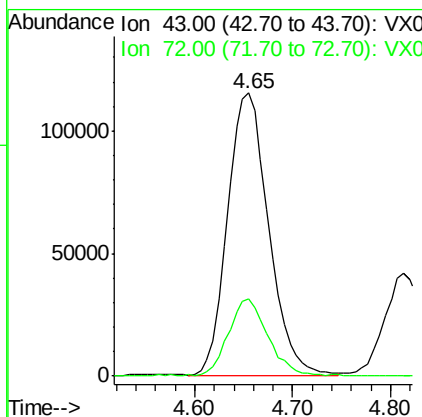
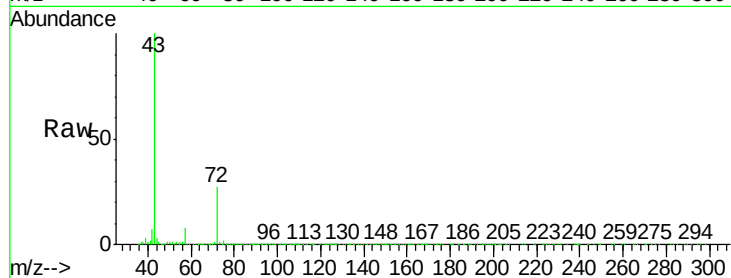
VX0206WBS01

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 19.433 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014840.D

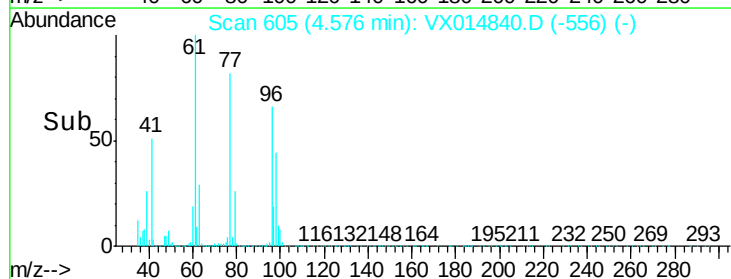
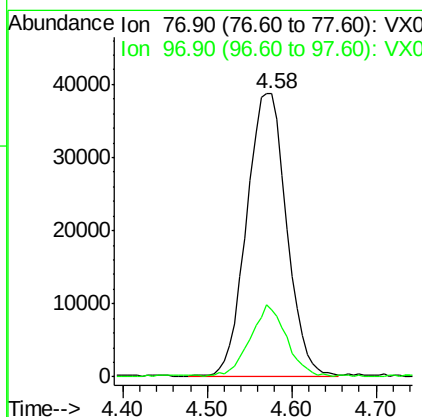
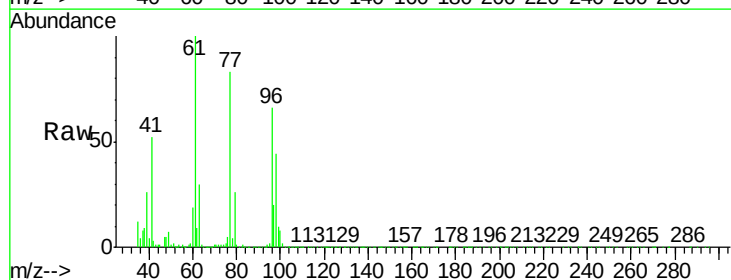
Acq: 06 Feb 2020 11:57

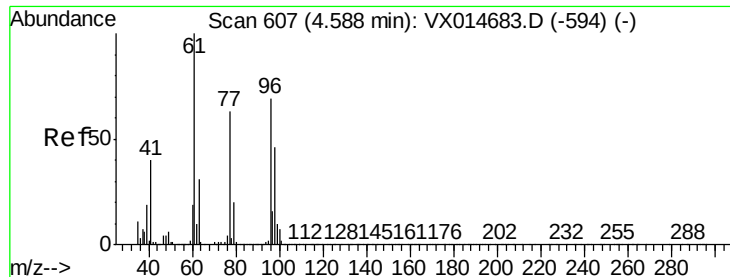
Tgt Ion: 77 Resp: 124894

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3





#27

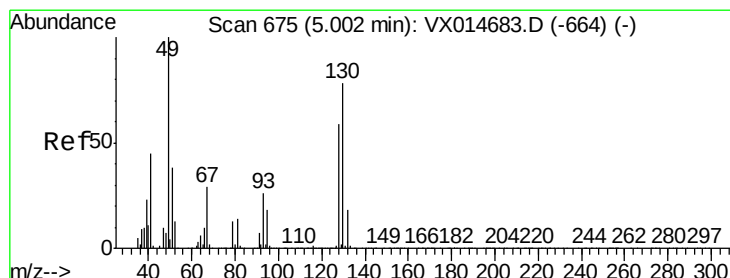
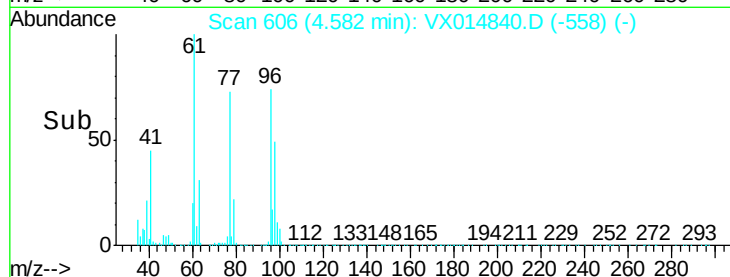
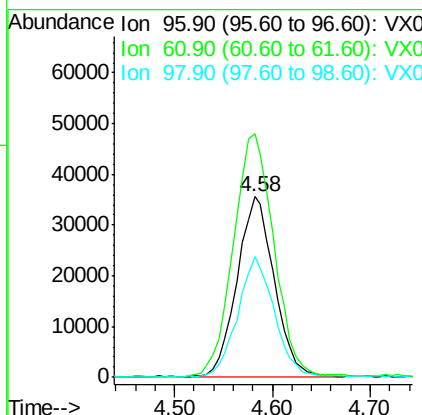
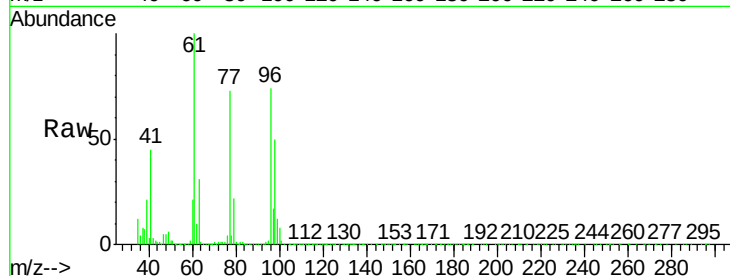
cis-1,2-Dichloroethene
Concen: 18.413 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	291.0
98	65.6	0.0	129.8

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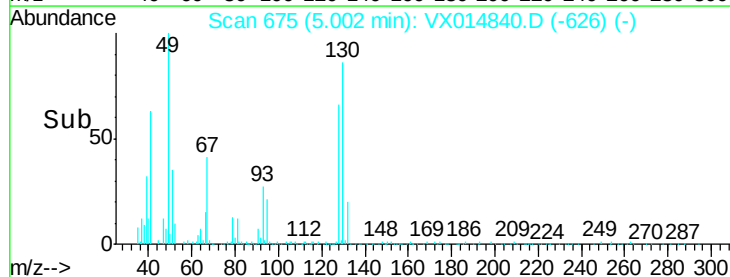
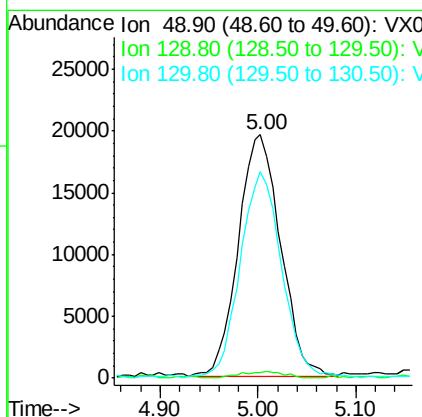
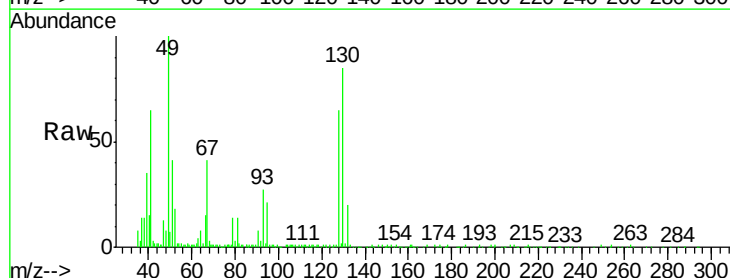
MMDadoda
2/7/2020 11:44:37 AM

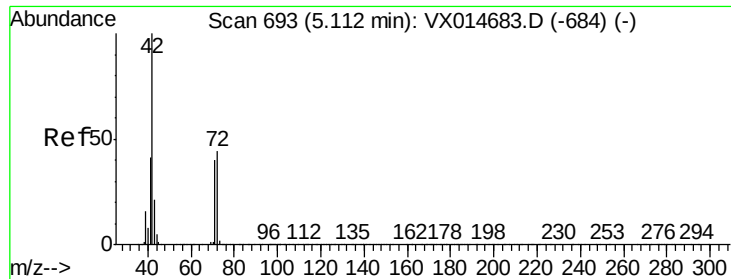


#28

Bromochloromethane
Concen: 16.628 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.8
130	83.5	62.4	93.6





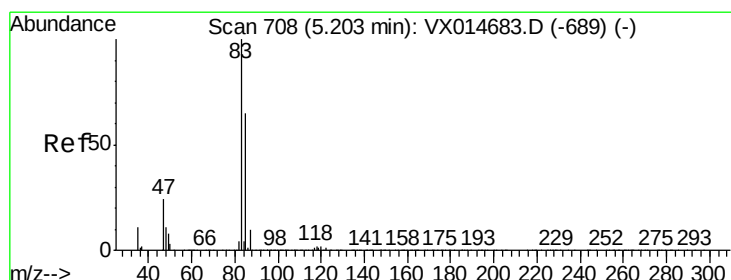
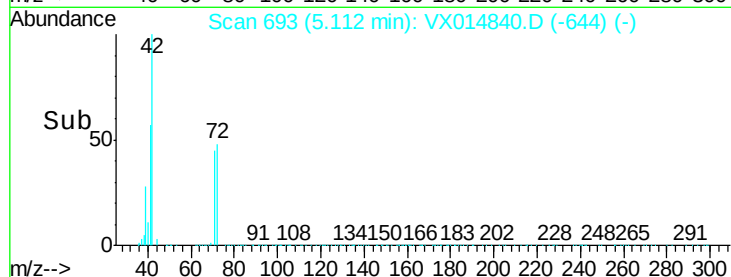
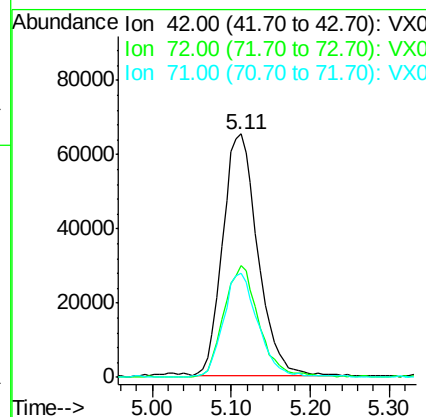
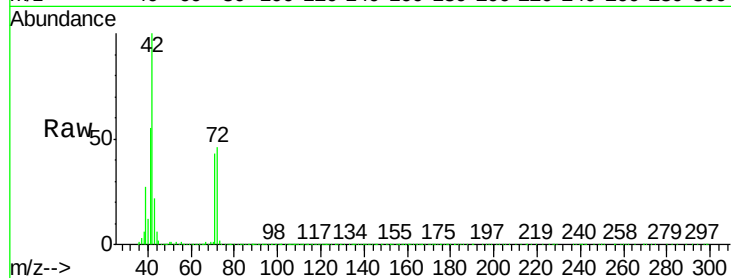
#29
Tetrahydrofuran
Concen: 89.406 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.3	52.9
71	41.7	33.1	49.7

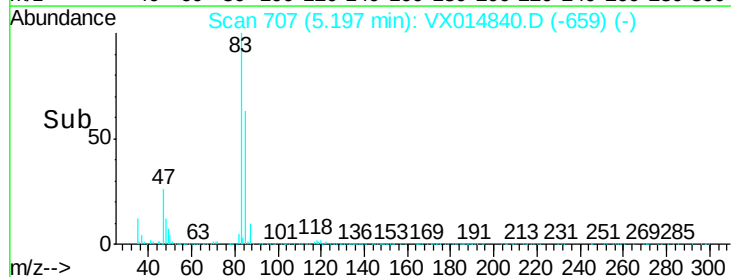
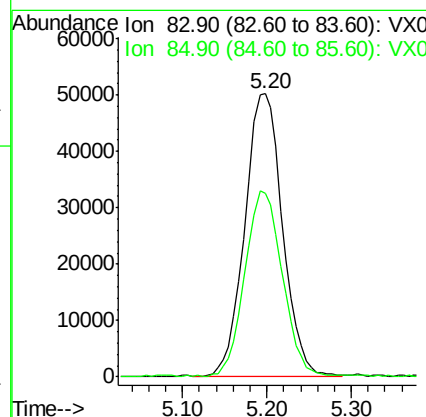
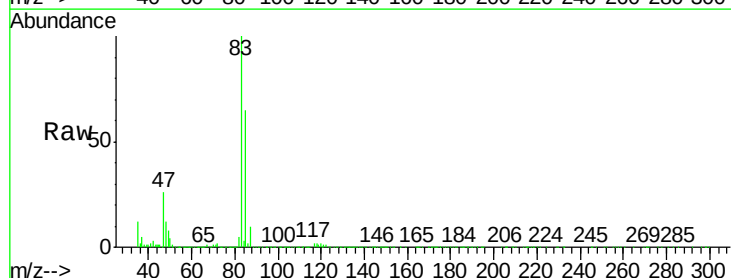
Manual Integrations
APPROVED

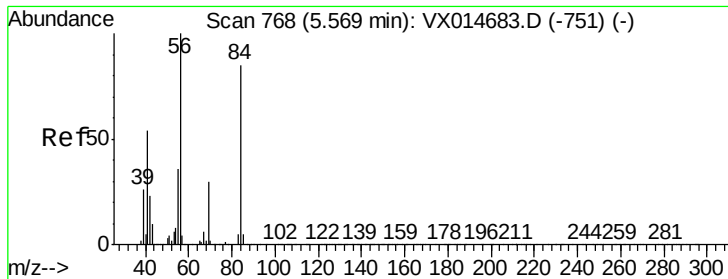
MMDadoda
2/7/2020 11:44:37 AM



#30
Chloroform
Concen: 19.024 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5





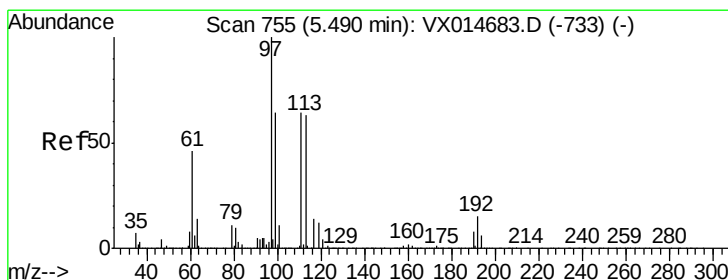
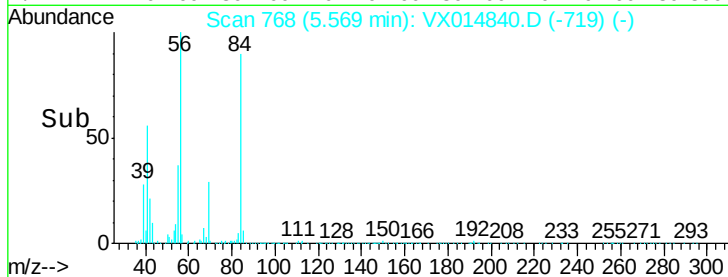
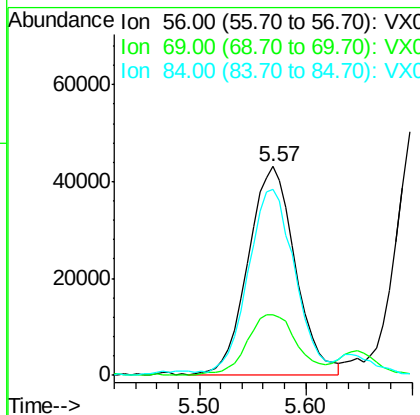
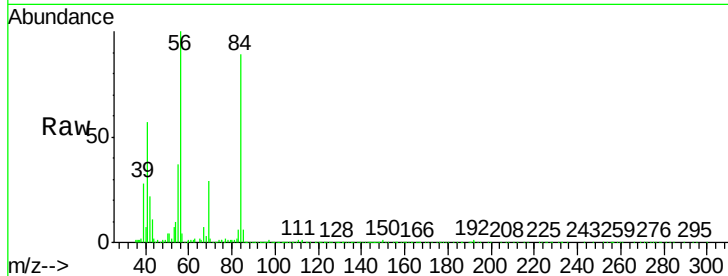
#31
Cyclohexane
Concen: 17.474 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.4	35.2
84	87.9	68.4	102.6

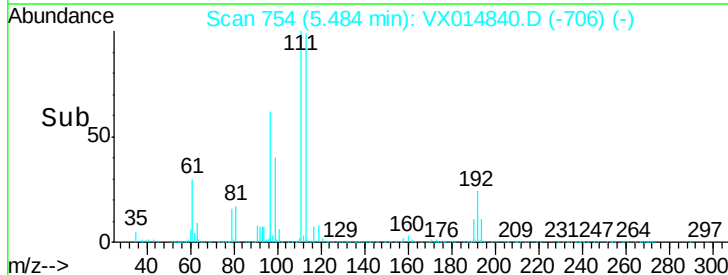
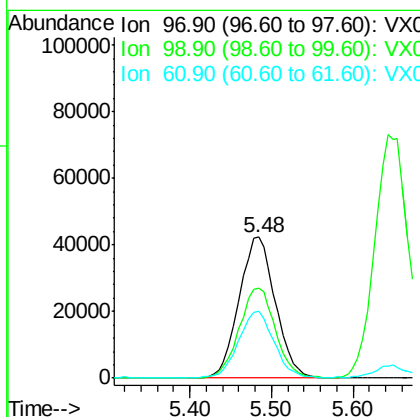
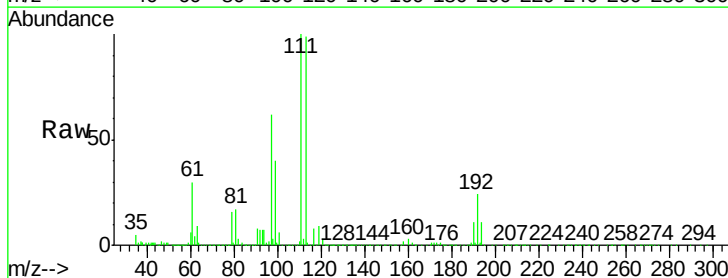
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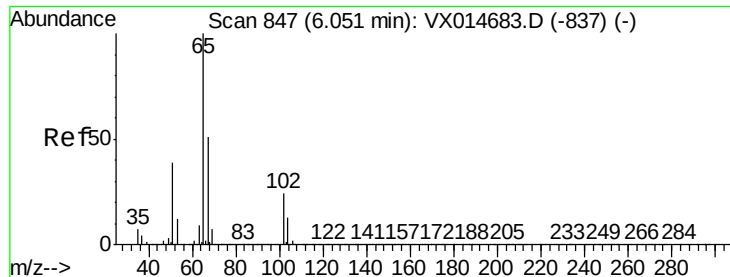
MMDadoda
2/7/2020 11:44:37 AM



#32
1,1,1-Trichloroethane
Concen: 19.268 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.3	78.5
61	47.0	37.2	55.8





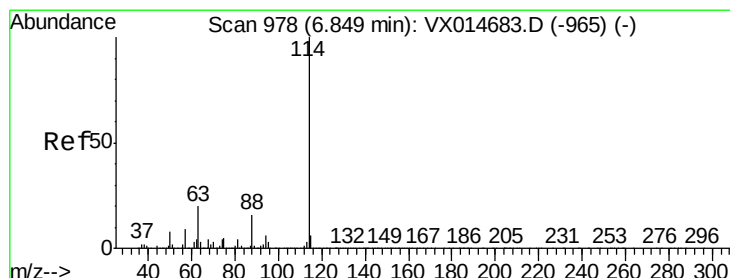
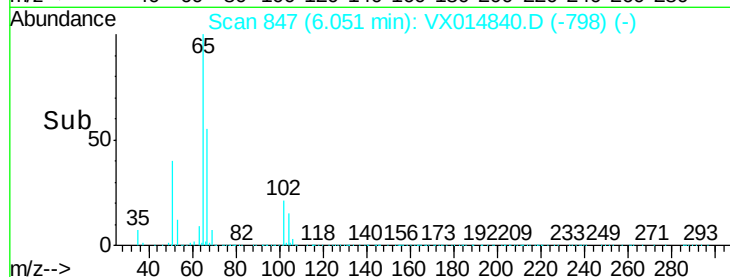
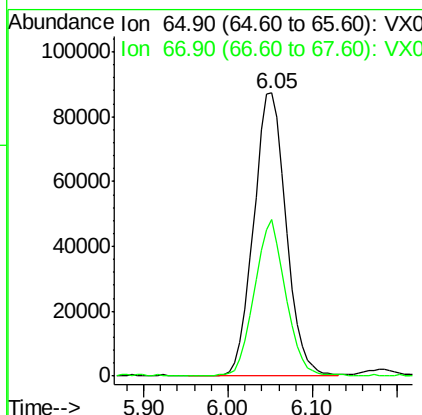
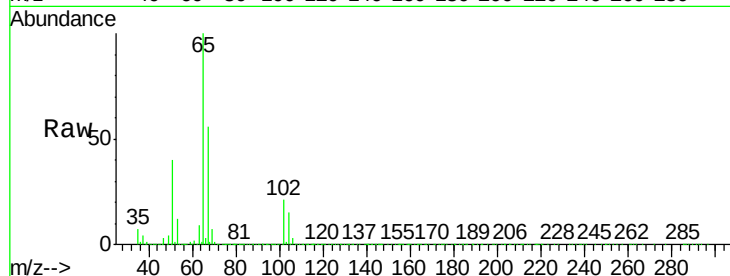
#33
 1,2-Dichloroethane-d4
 Concen: 47.394 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Instrument :
 MSVOA_X
 ClientSampled :
 VX0206WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.4

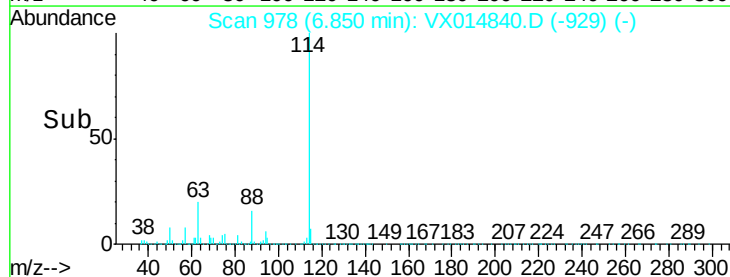
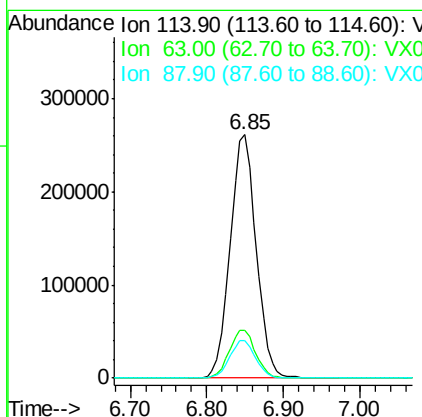
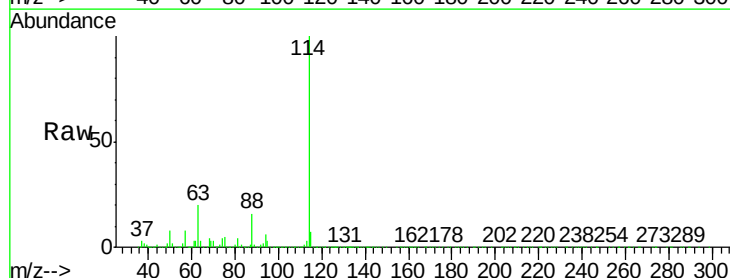
Manual Integrations
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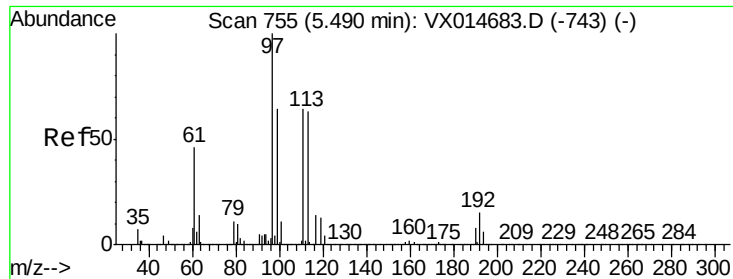
MMDadoda
 2/7/2020 11:44:37 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.6
88	15.5	0.0	31.2





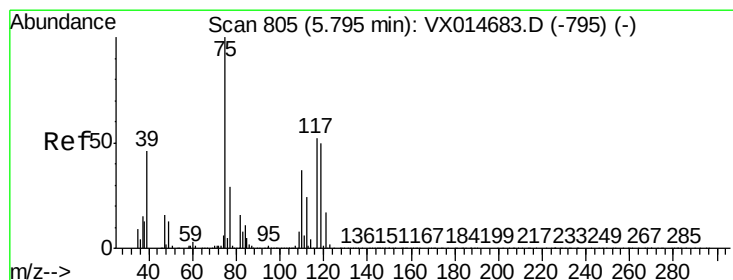
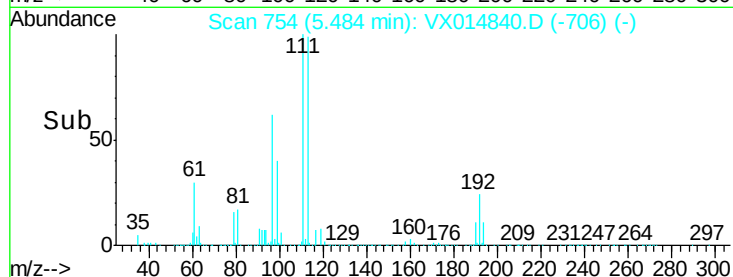
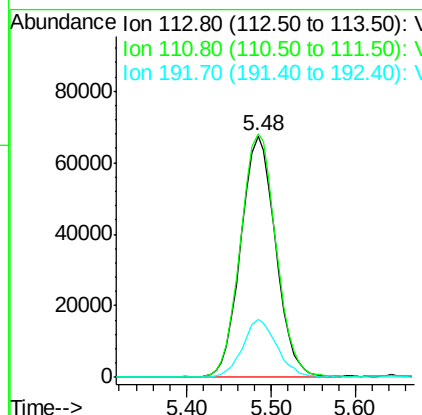
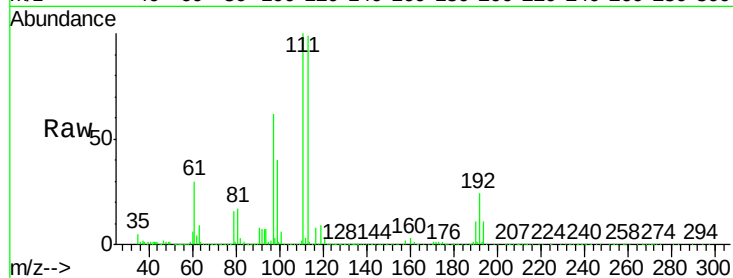
#35
Dibromofluoromethane
Concen: 48.919 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	189236		
111	102.8	80.7	121.1	
192	23.7	18.5	27.7	

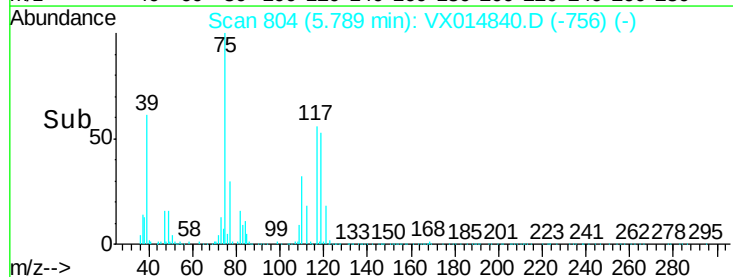
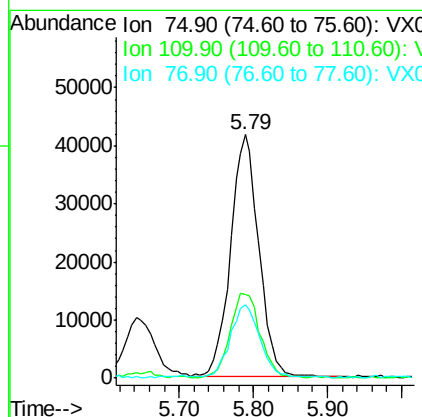
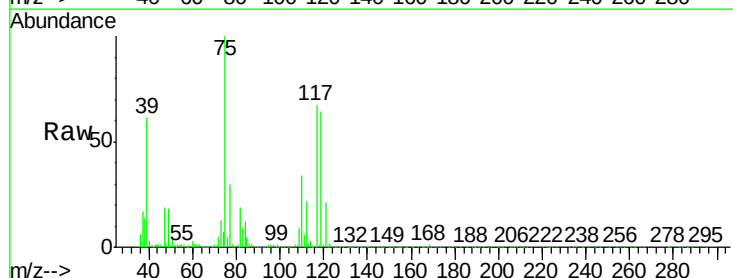
Manual Integrations
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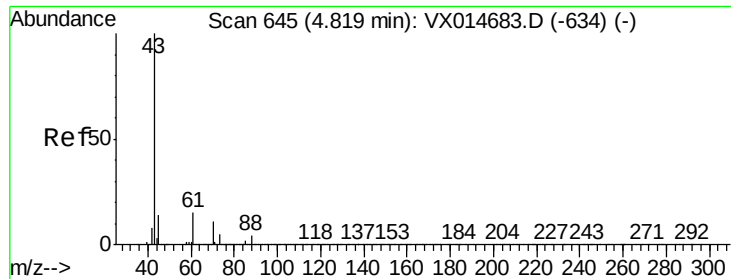
MMDadoda
2/7/2020 11:44:37 AM



#36
1,1-Dichloropropene
Concen: 19.477 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	110952		
110	37.5	17.9	53.7	
77	30.7	24.1	36.1	





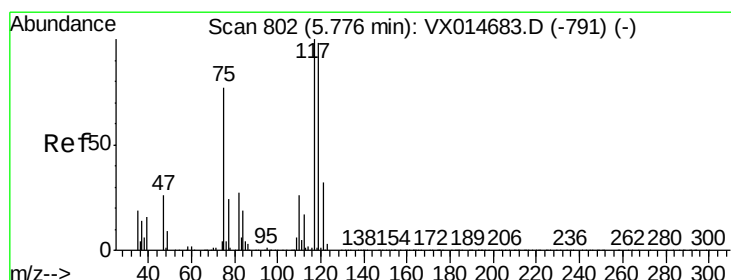
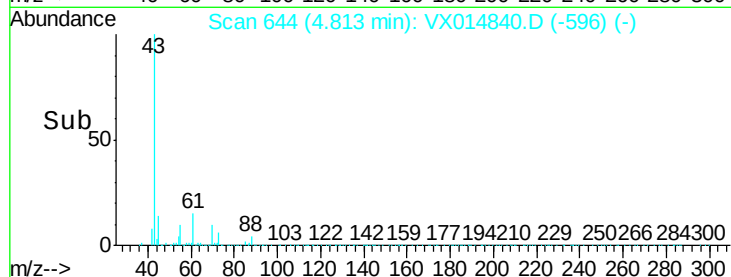
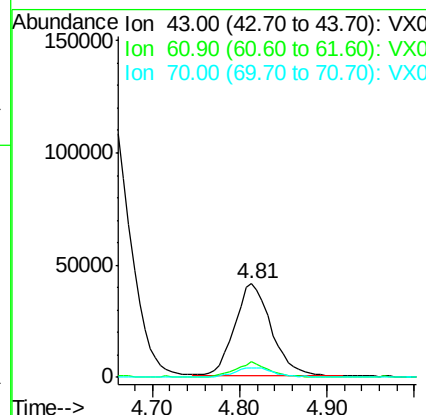
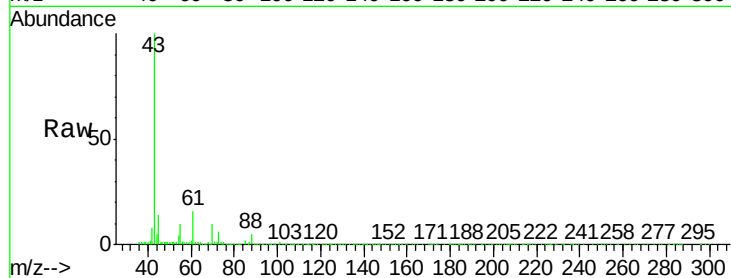
#37
Ethyl Acetate
Concen: 18.409 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.0	16.4
70	11.8	8.5	12.7

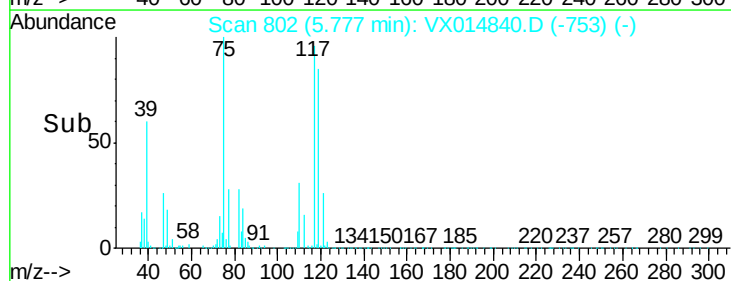
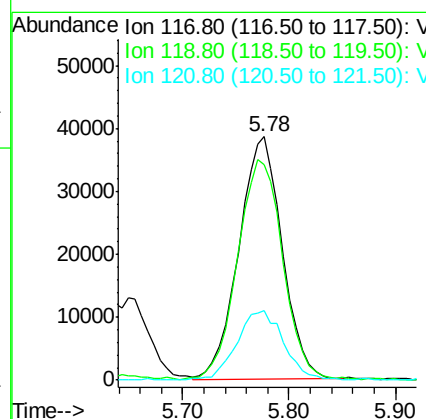
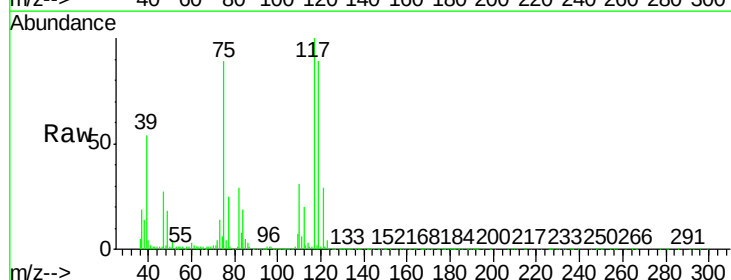
Manual Integrations
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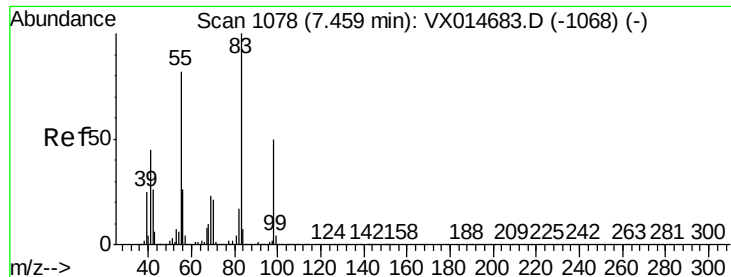
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2/7/2020 11:44:37 AM



#38
Carbon Tetrachloride
Concen: 20.180 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.6	77.9	116.9
121	28.6	25.4	38.2





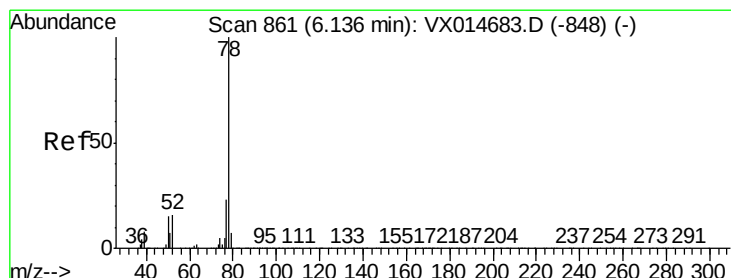
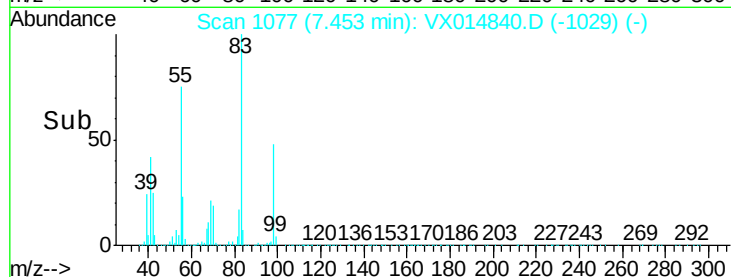
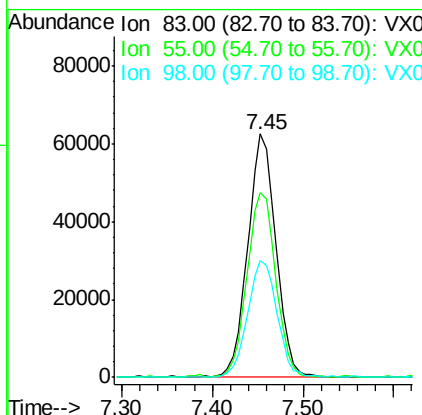
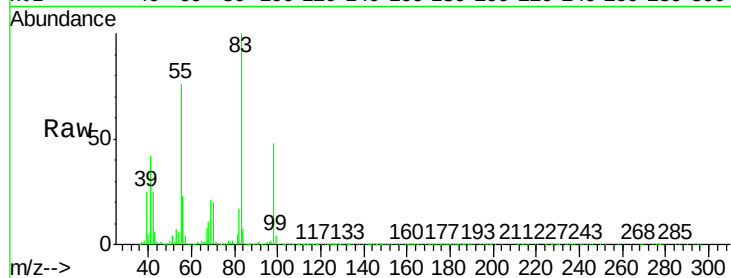
#39
Methylvlcyclohexane
Concen: 18.672 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	65.6	98.4
98	48.1	40.2	60.4

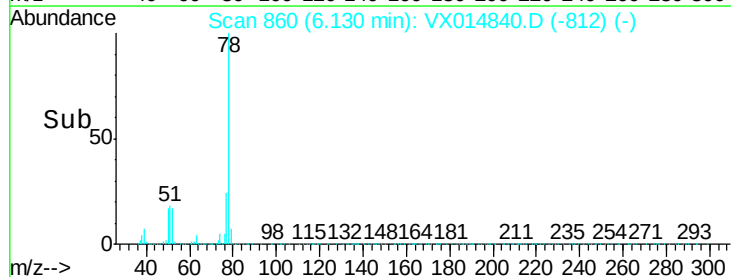
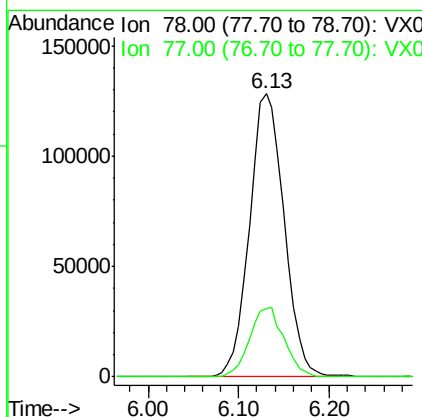
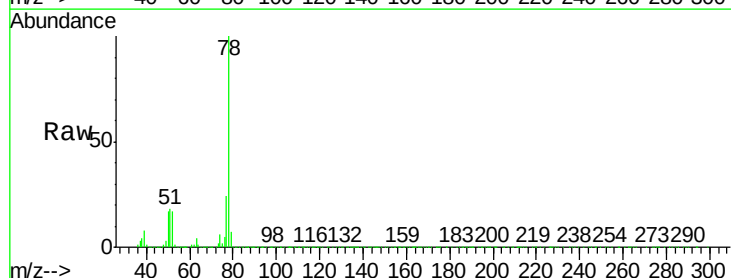
Manual Integrations
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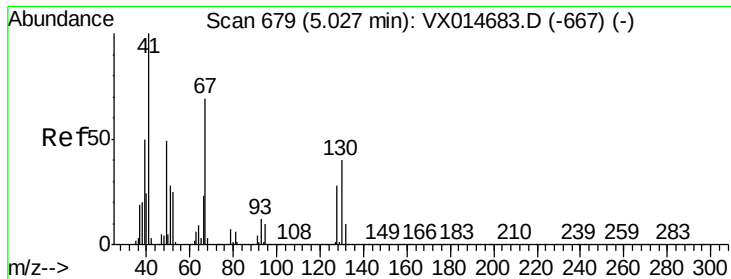
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#40
Benzene
Concen: 19.191 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1





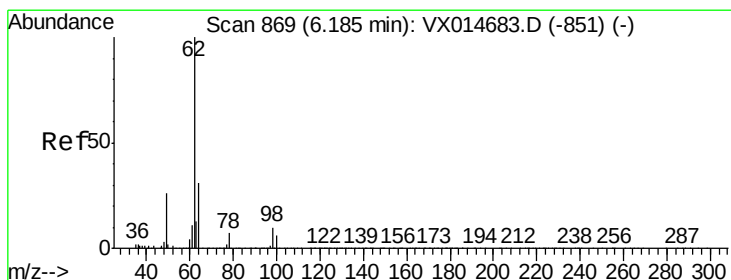
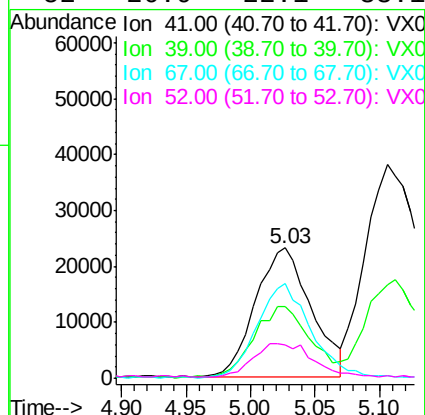
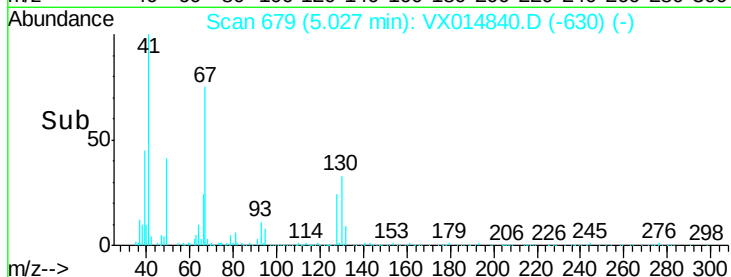
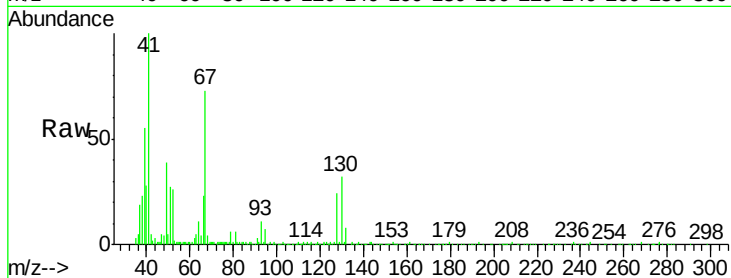
#41
Methacrylonitrile
Concen: 18.431 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ion	Ratio	Lower	Upper
69204	41	100		
	39	56.6	42.2	63.2
	67	70.1	55.4	83.0
	52	26.9	22.1	33.1

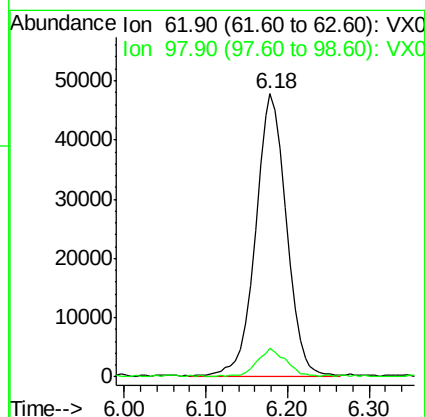
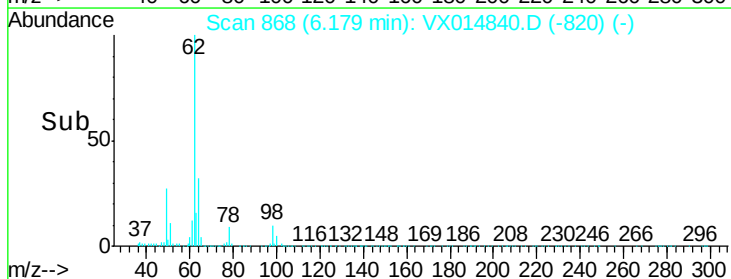
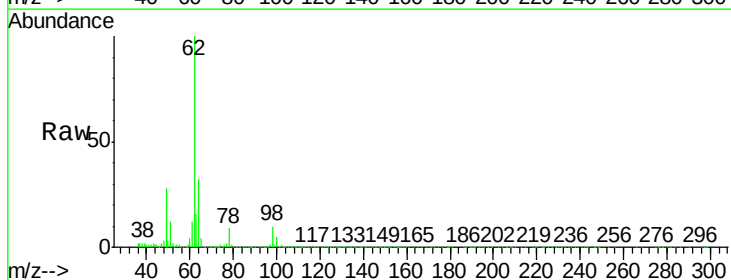
Manual Integrations
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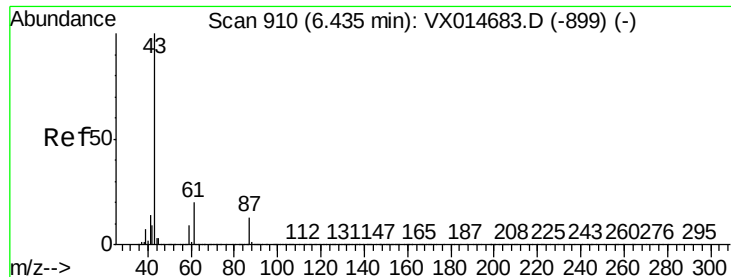
MMDadoda
2/7/2020 11:44:37 AM



#42
1,2-Dichloroethane
Concen: 20.722 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ion	Ratio	Lower	Upper
125949	62	100		
	98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 18.960 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

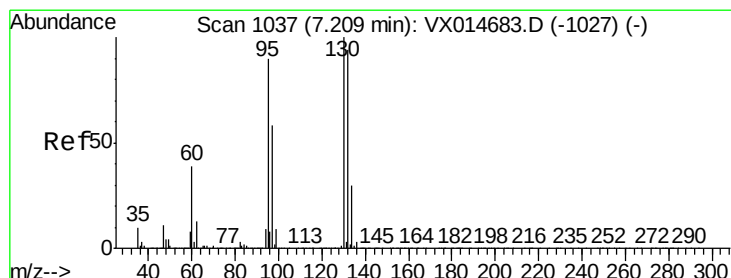
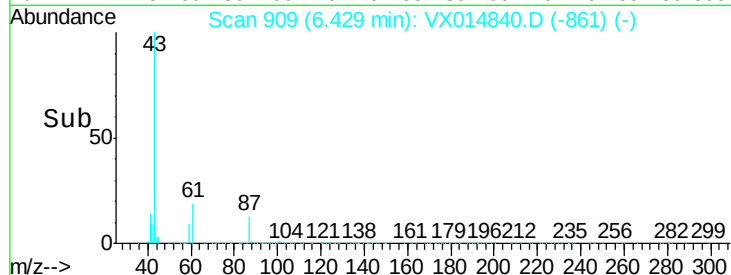
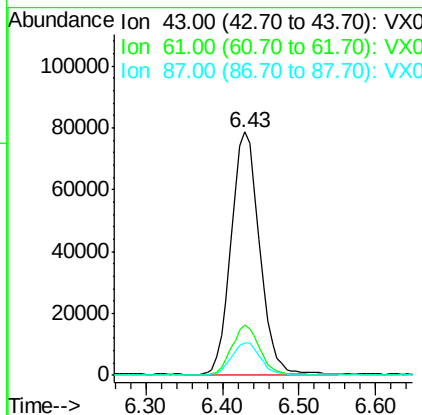
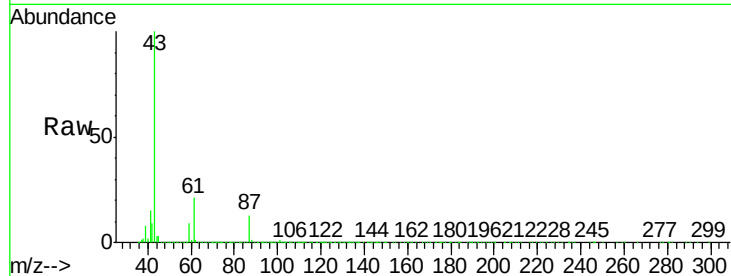
ClientSampled :

VX0206WBS01

Tot Ion:	43	Resp:	202568
Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.4
87	13.4	10.5	15.7

Manual Integrations
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MMDadoda
2/7/2020 11:44:37 AM



#44

Trichloroethene

Concen: 19.421 ug/l

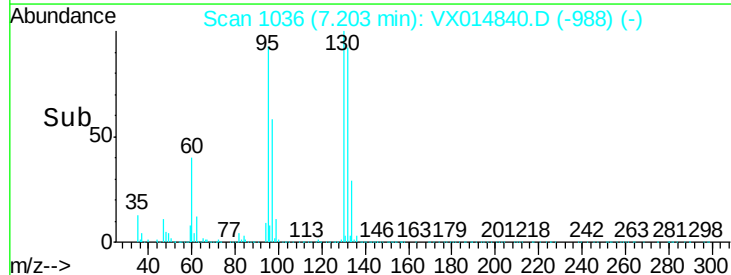
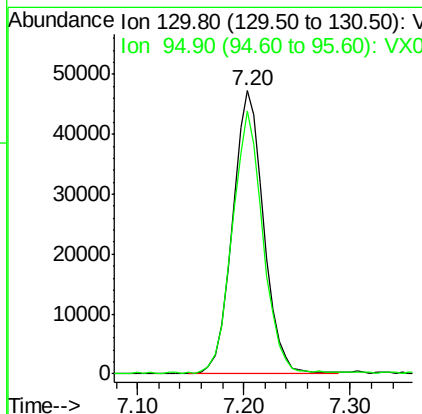
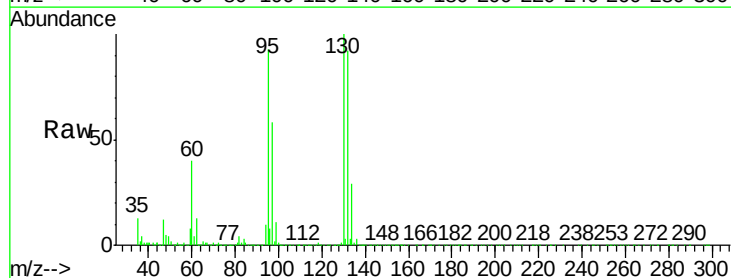
RT: 7.20 min Scan# 1036

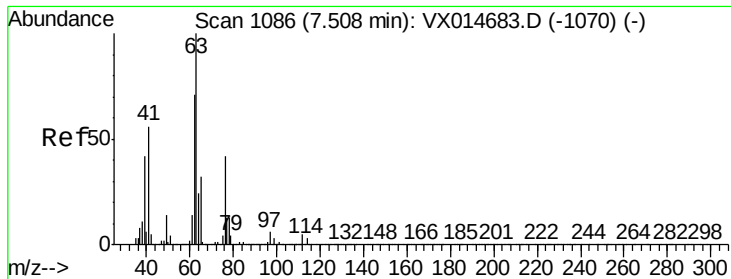
Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion:	130	Resp:	96552
Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	179.8





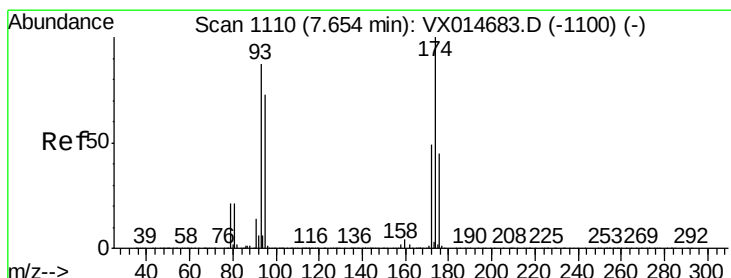
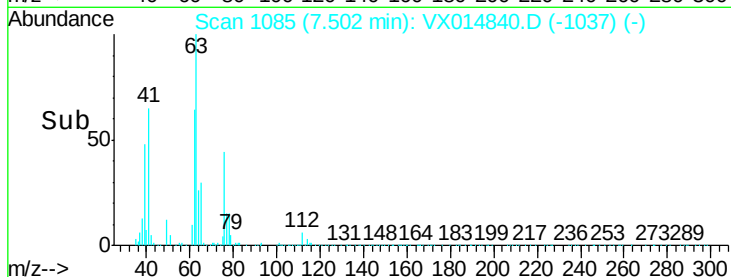
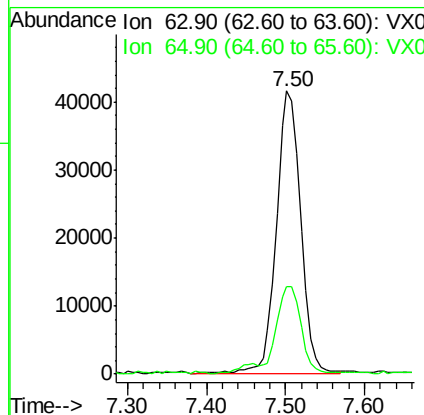
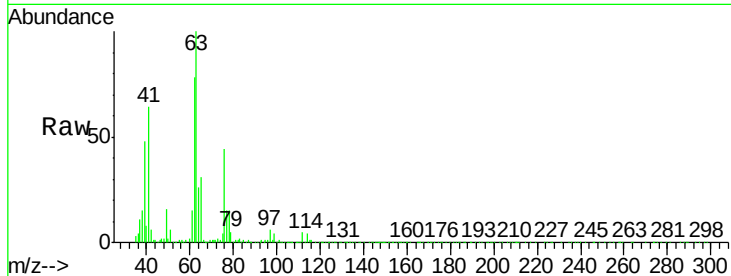
#45
 1,2-Dichloropropane
 Concen: 19.967 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.2	37.8

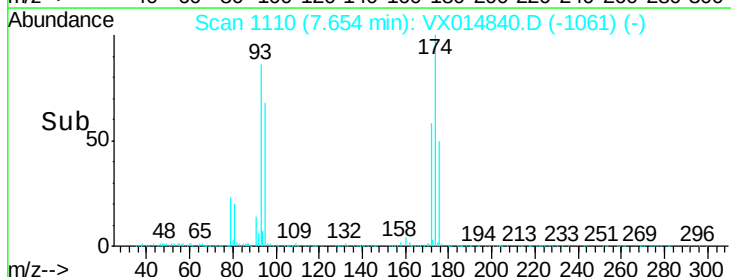
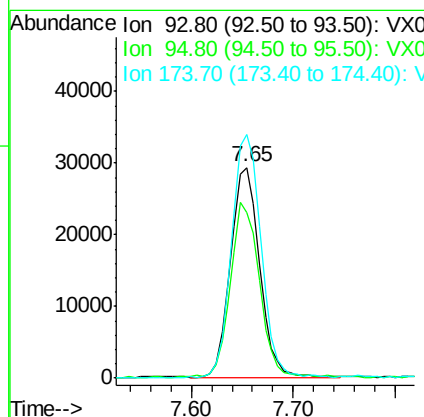
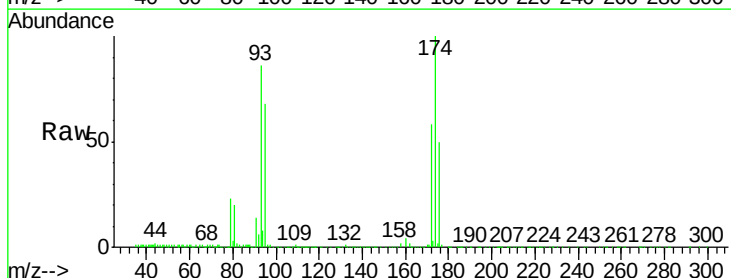
Manual Integrations
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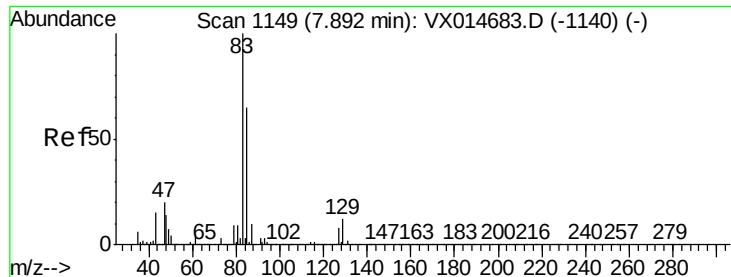
MMDadoda
 2/7/2020 11:44:37 AM



#46
 Dibromomethane
 Concen: 19.664 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	67.0	100.4
174	118.2	90.2	135.2





#47

Bromodichloromethane

Concen: 20.174 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

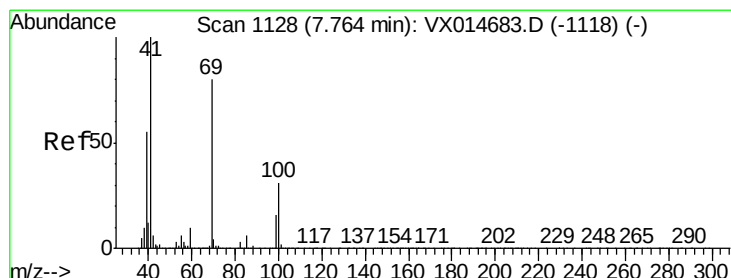
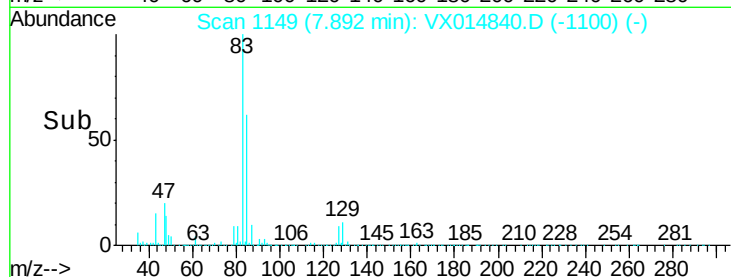
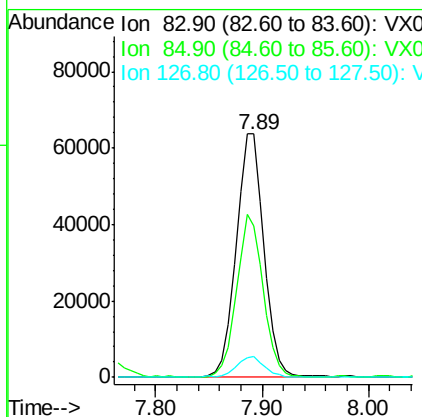
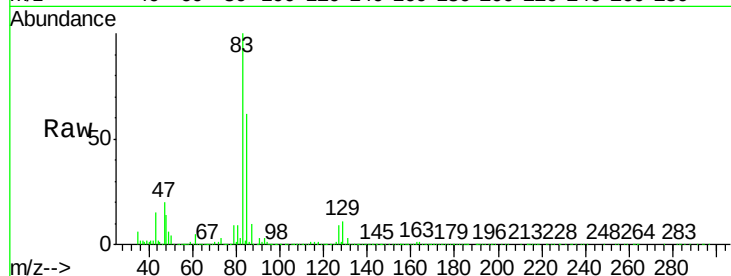
ClientSampleId :

VX0206WBS01

Tot Ion:	83	Resp:	116200
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.2	78.2
127	8.7	6.4	9.6

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2/7/2020 11:44:37 AM



#48

Methyl methacrylate

Concen: 19.152 ug/l

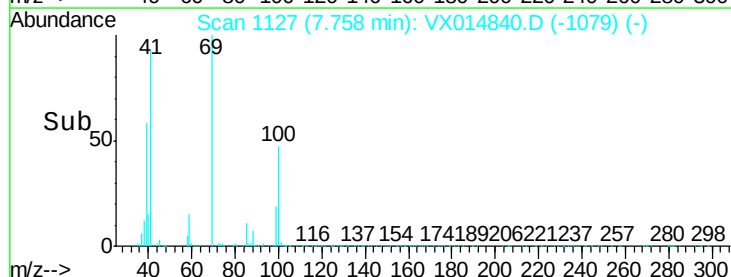
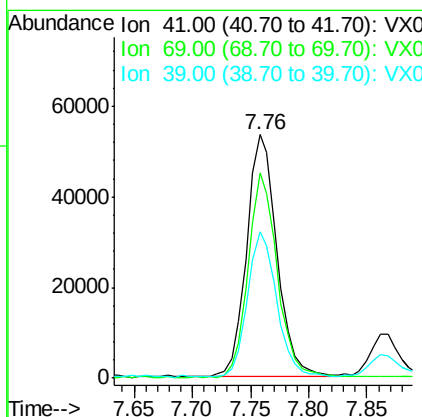
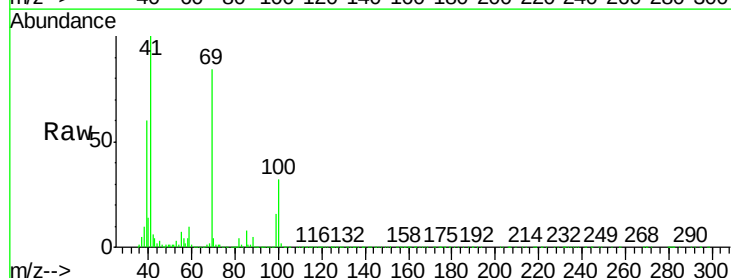
RT: 7.76 min Scan# 1127

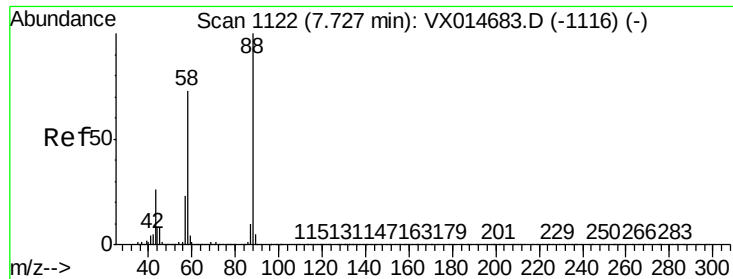
Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion:	41	Resp:	97766
Ion	Ratio	Lower	Upper
41	100		
69	82.1	63.5	95.3
39	57.4	43.7	65.5





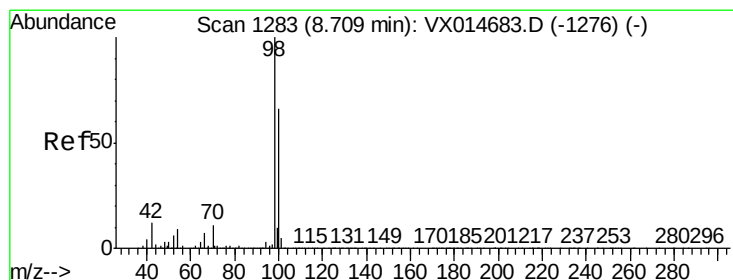
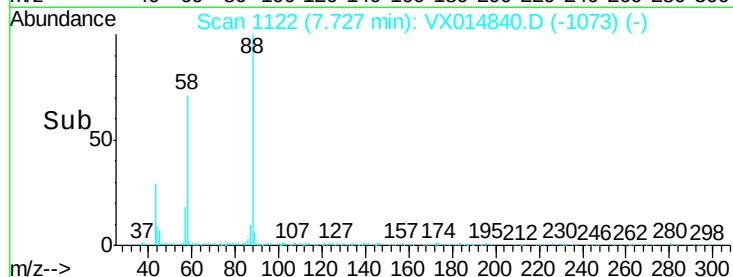
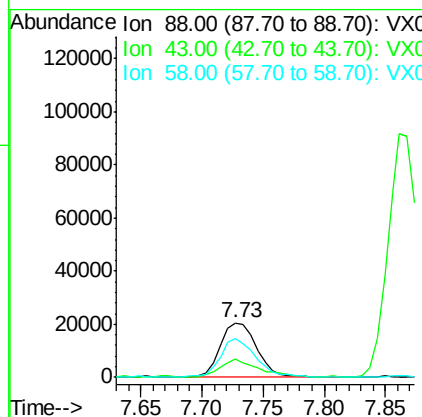
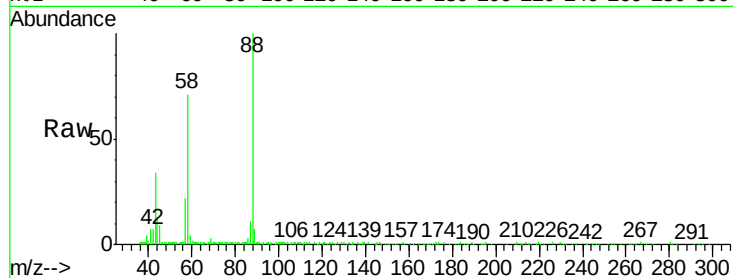
#49
1,4-Dioxane
Concen: 391.115 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.2	39.2
58	70.2	56.6	85.0

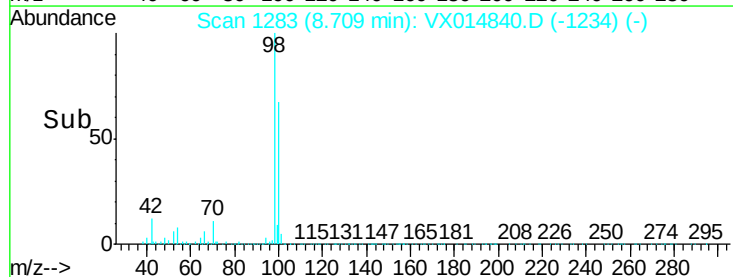
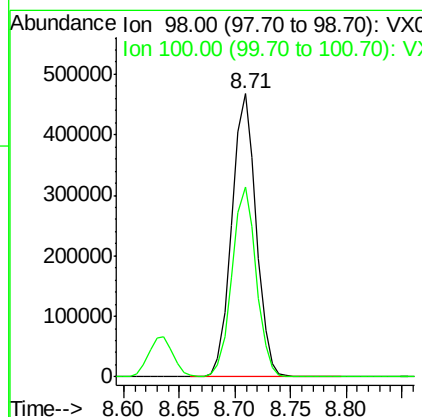
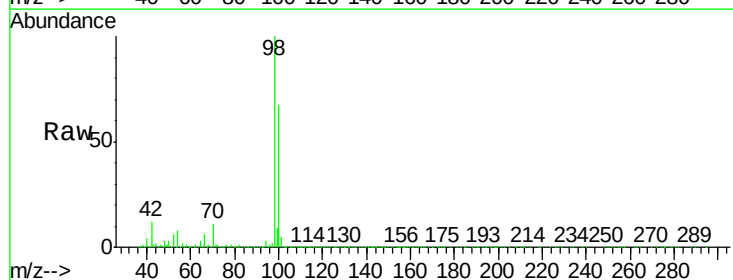
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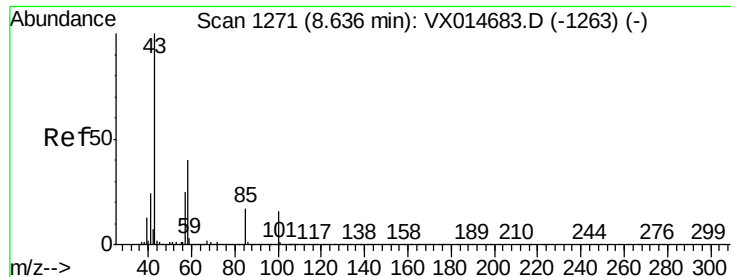
MMDadoda
2/7/2020 11:44:37 AM



#50
Toluene-d8
Concen: 47.525 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 93.992 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 43 Resp: 633808

Ion Ratio Lower Upper

43 100

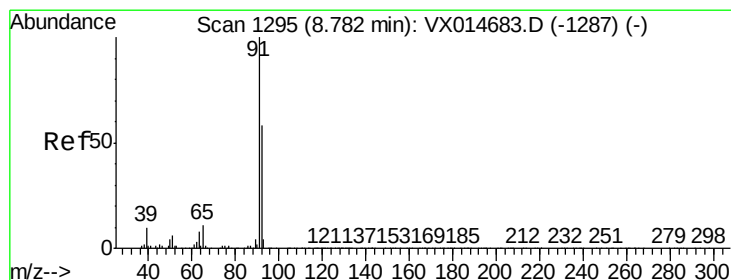
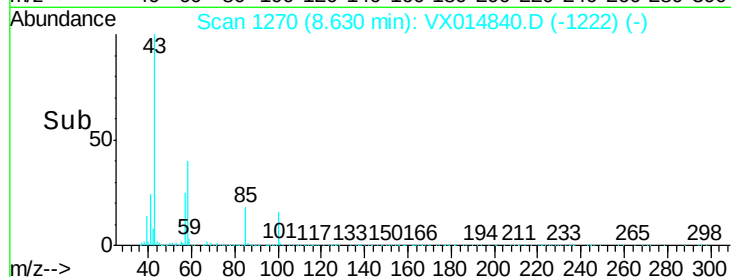
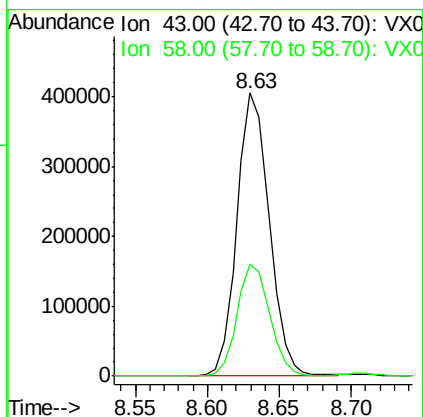
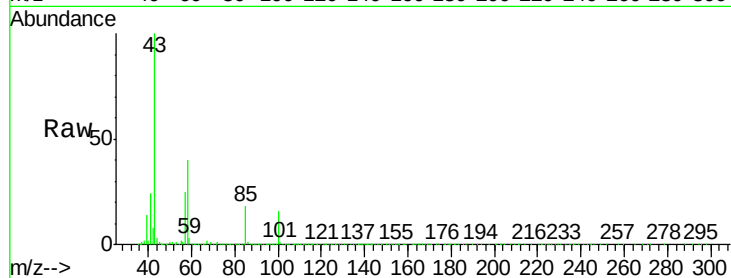
58 39.8 31.6 47.4

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#52

Toluene

Concen: 19.870 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014840.D

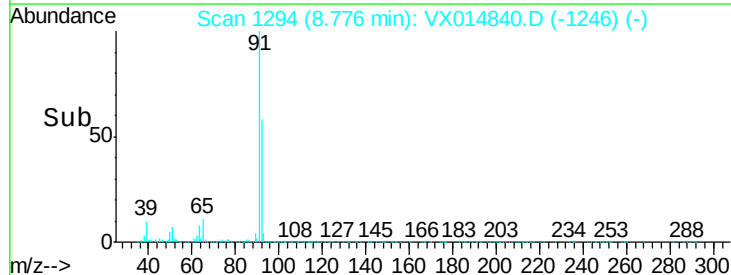
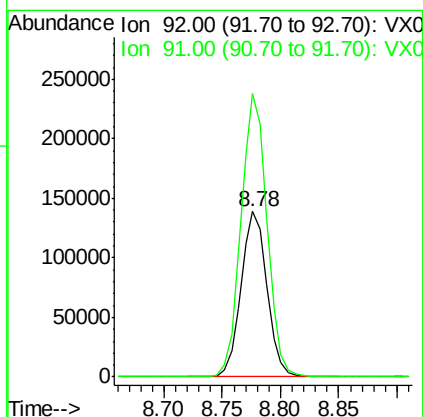
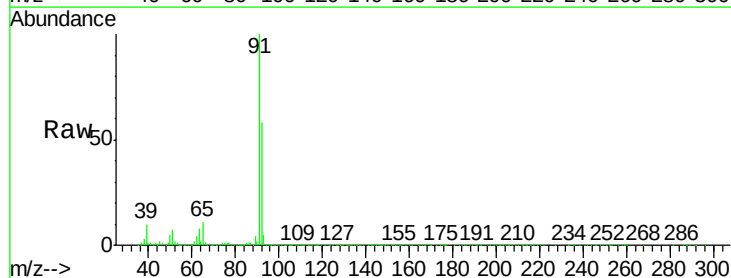
Acq: 06 Feb 2020 11:57

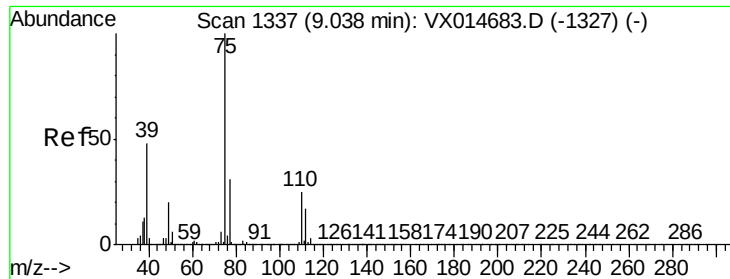
Tgt Ion: 92 Resp: 214984

Ion Ratio Lower Upper

92 100

91 171.7 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 20.123 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 75 Resp: 124806

Ion Ratio Lower Upper

75 100

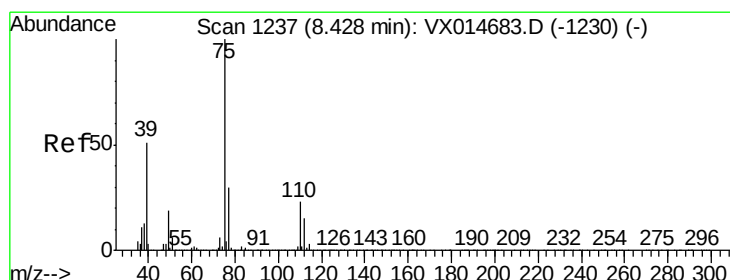
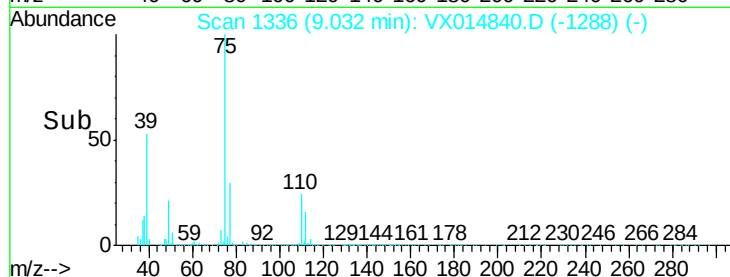
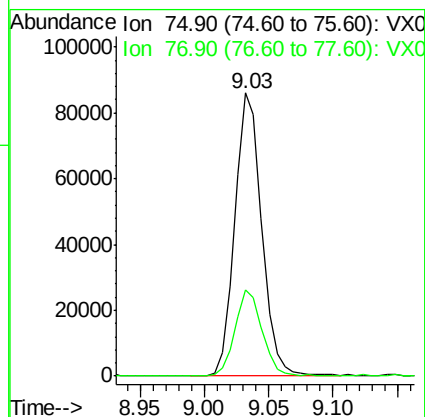
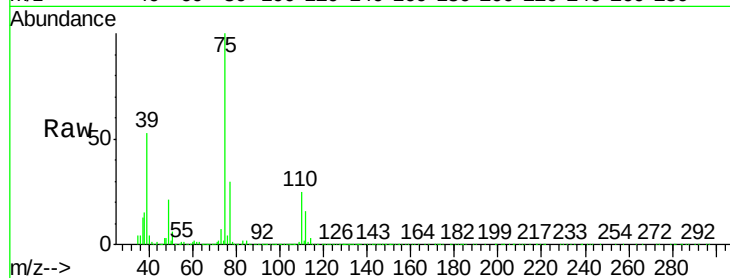
77 30.1 24.9 37.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.247 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

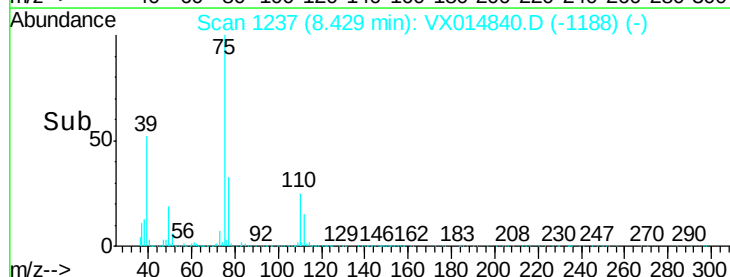
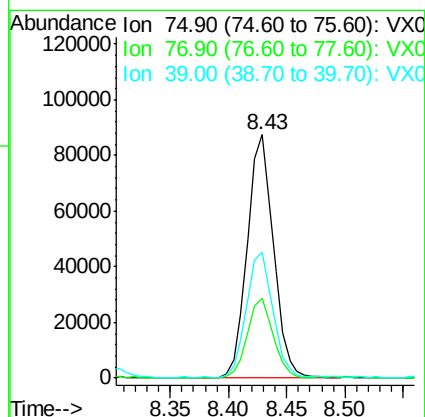
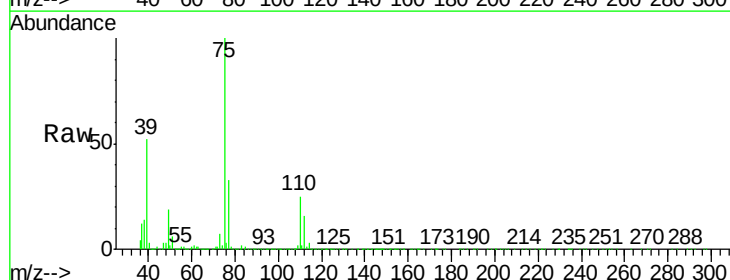
Tgt Ion: 75 Resp: 138143

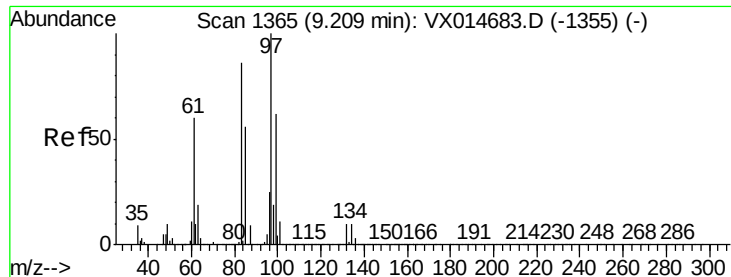
Ion Ratio Lower Upper

75 100

77 32.8 23.9 35.9

39 51.7 40.9 61.3





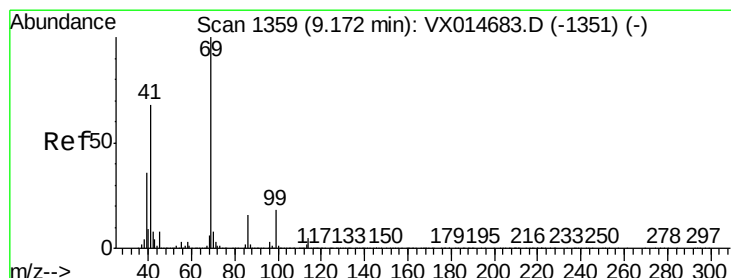
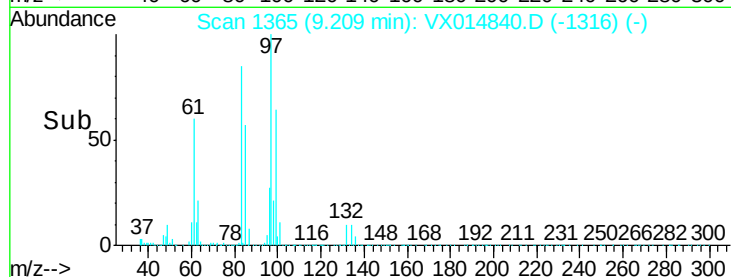
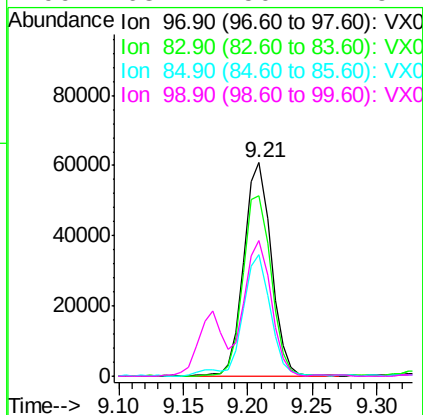
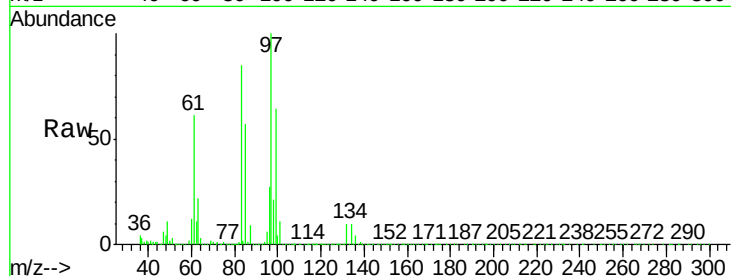
#55
 1,1,2-Trichloroethane
 Concen: 20.343 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		90114		
83	84.3	69.2	103.8		
85	56.9	44.6	67.0		
99	63.2	50.1	75.1		

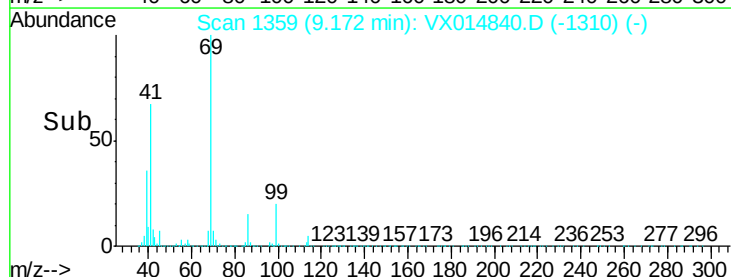
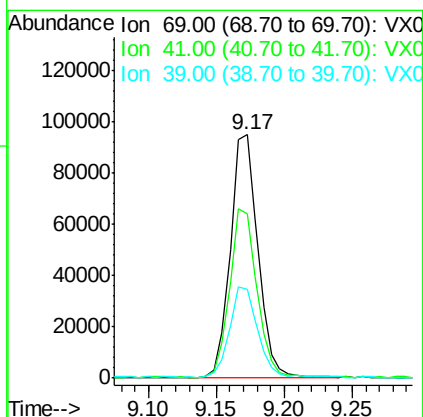
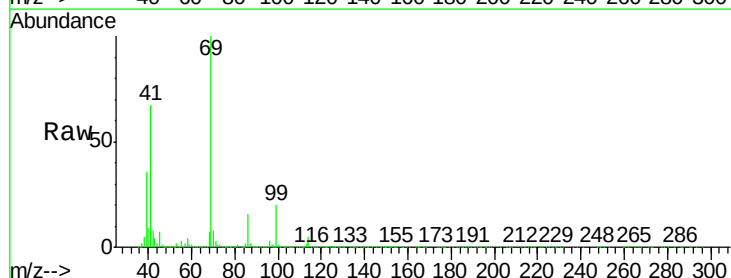
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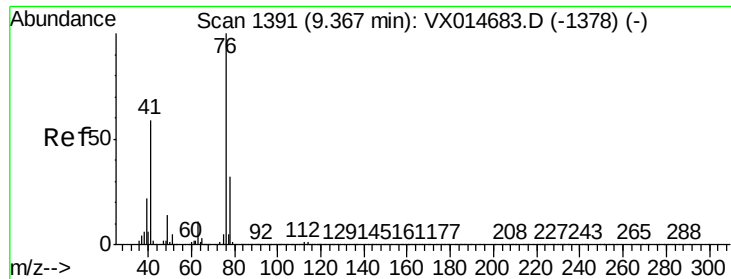
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 18.957 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		133738		
41	68.6	54.9	82.3		
39	38.0	29.3	43.9		





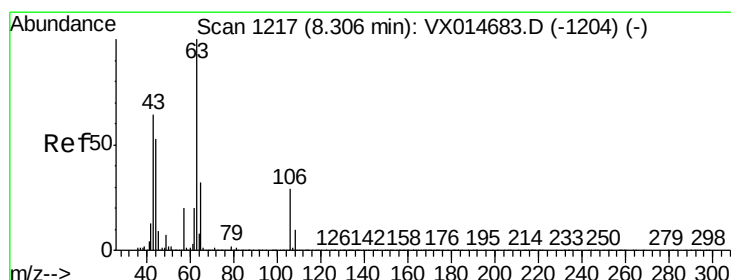
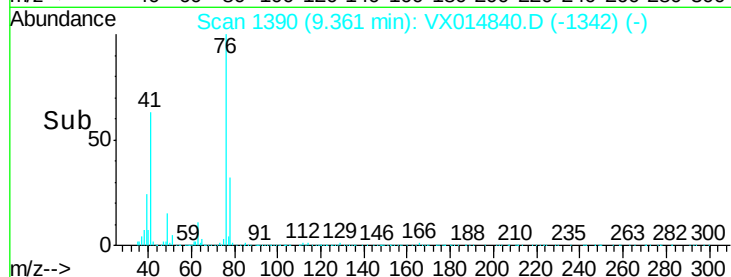
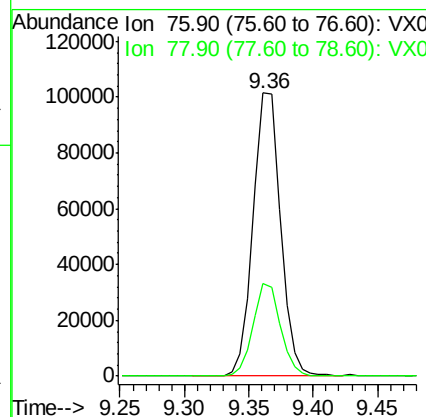
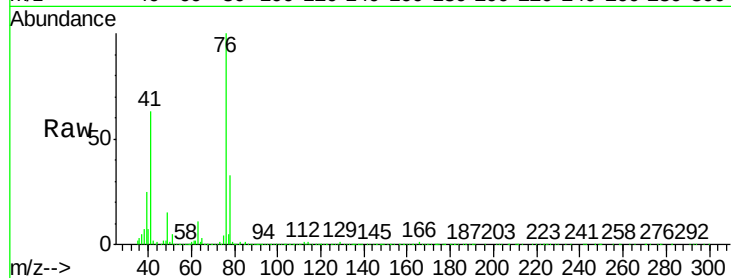
#57
 1,3-Dichloropropane
 Concen: 19.735 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

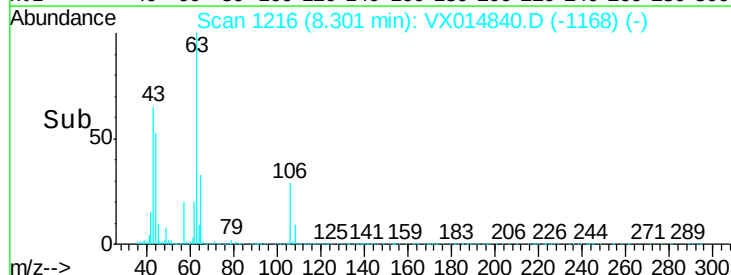
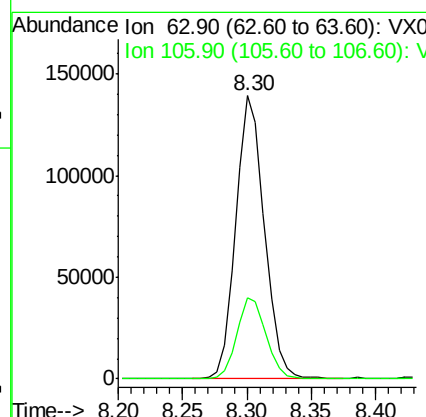
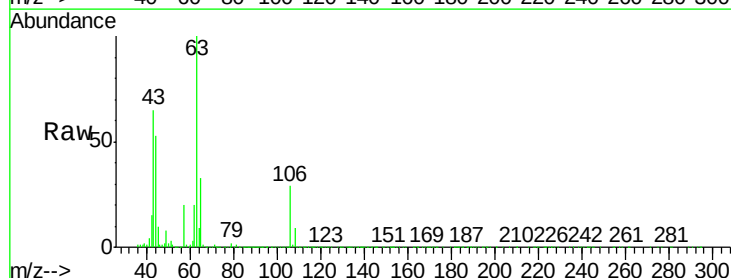
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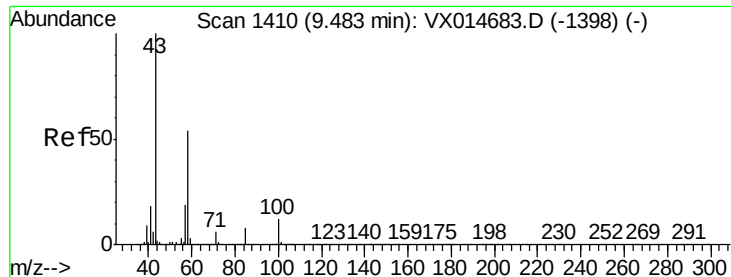
MMDadoda
 2/7/2020 11:44:37 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.469 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	22.7	34.1





#59

2-Hexanone

Concen: 94.709 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 43 Resp: 495574

Ion Ratio Lower Upper

43 100

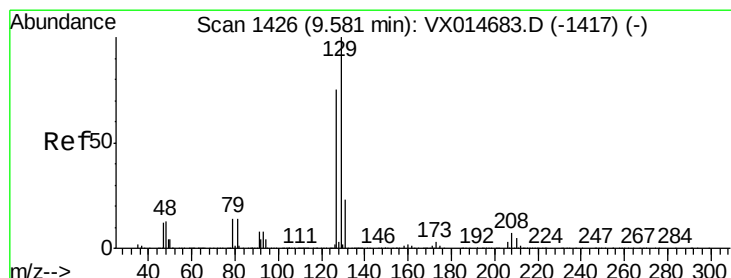
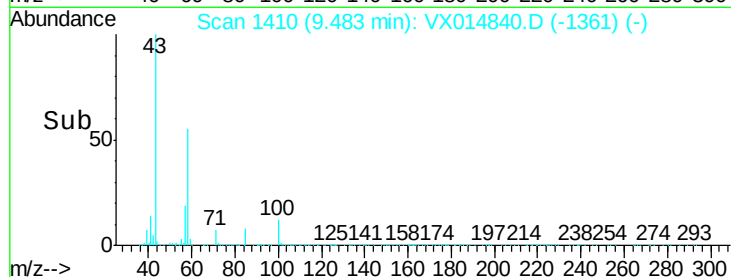
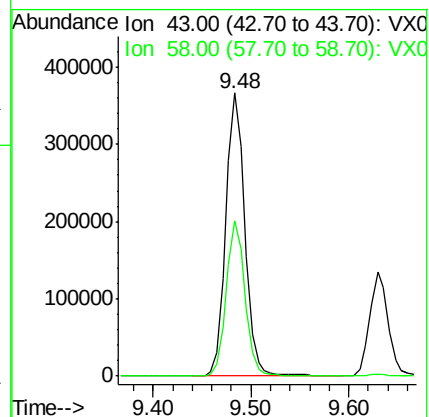
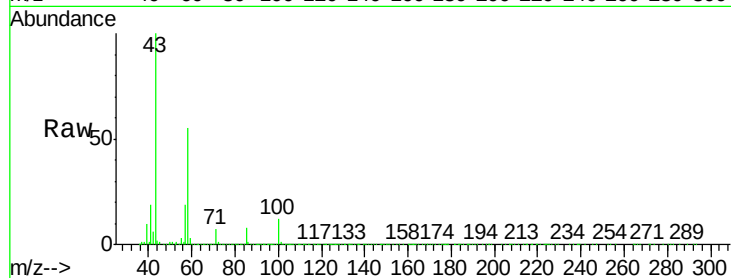
58 53.7 27.2 81.5

Manual Integrations

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MMDadoda

2/7/2020 11:44:37 AM



#60

Dibromochloromethane

Concen: 20.048 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014840.D

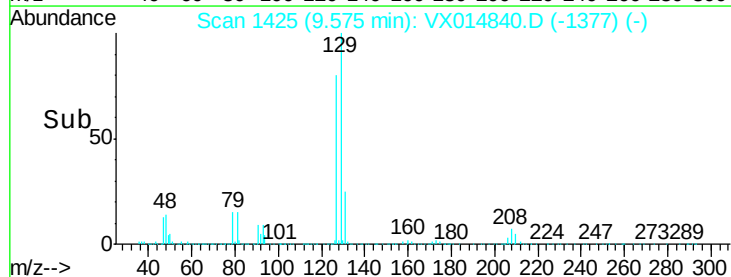
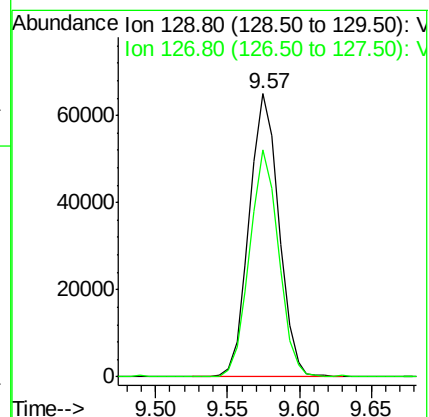
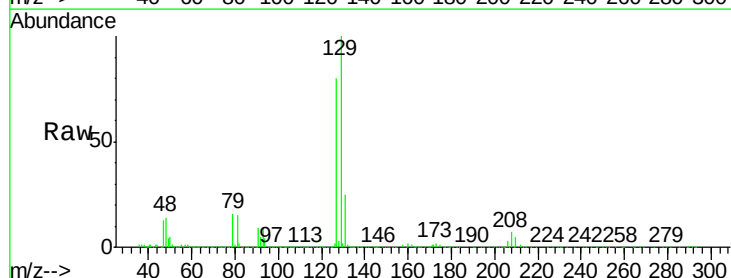
Acq: 06 Feb 2020 11:57

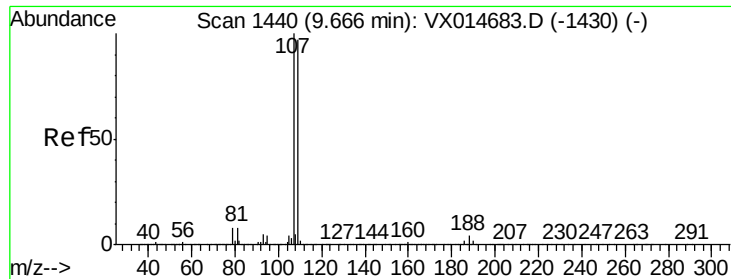
Tgt Ion: 129 Resp: 92695

Ion Ratio Lower Upper

129 100

127 77.8 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.916 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion: 107 Resp: 93277

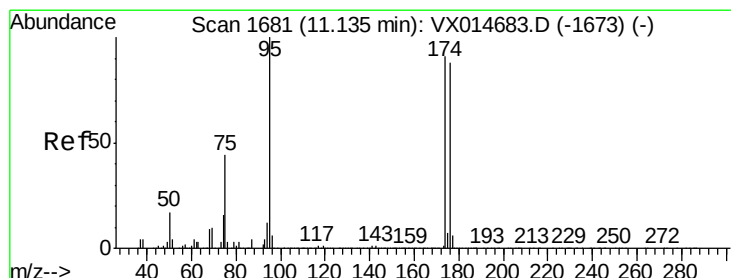
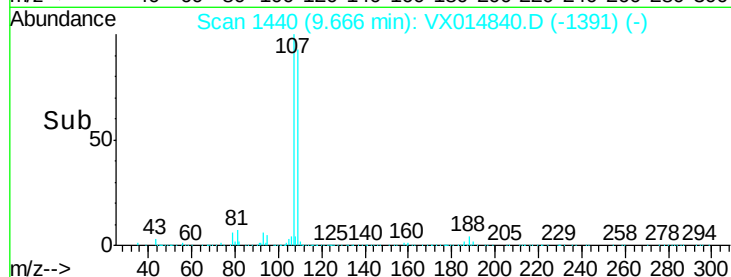
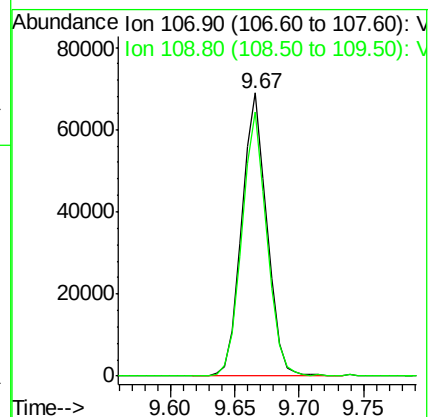
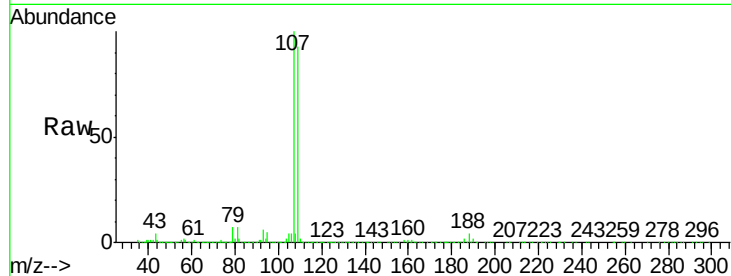
Ion Ratio Lower Upper

107 100

109 93.2 76.2 114.2

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.048 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

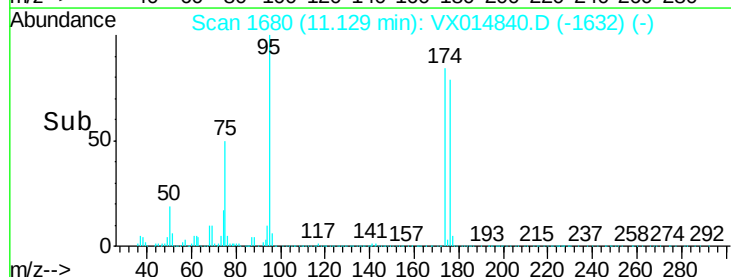
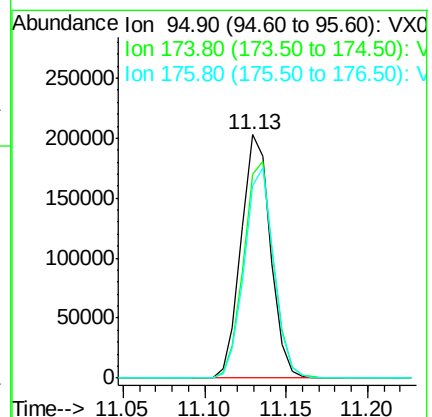
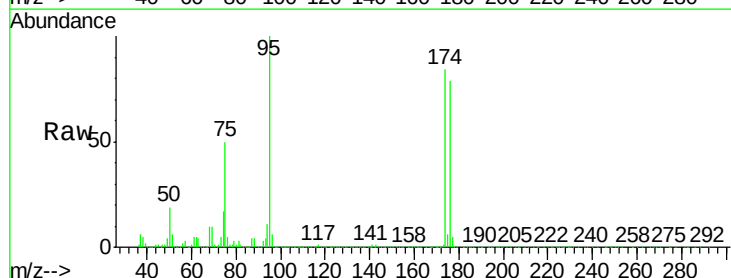
Tgt Ion: 95 Resp: 254535

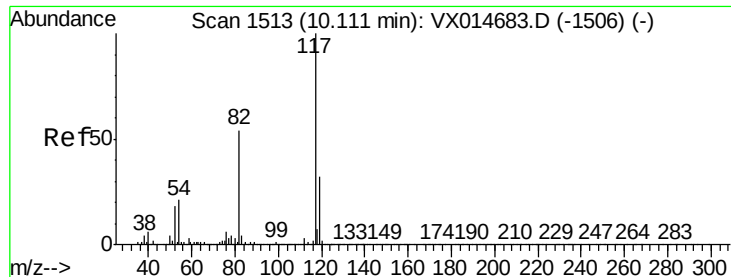
Ion Ratio Lower Upper

95 100

174 91.4 0.0 176.0

176 86.9 0.0 172.2





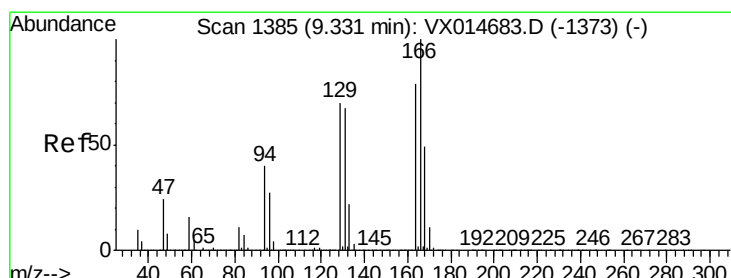
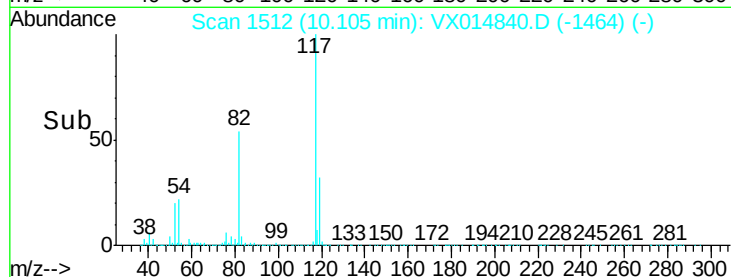
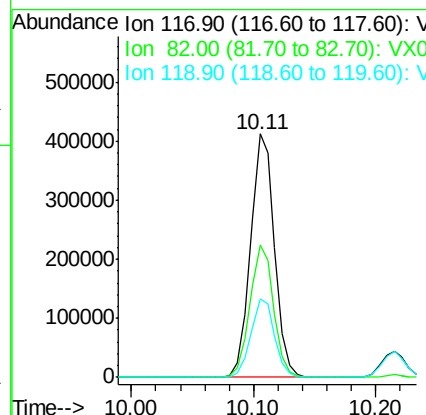
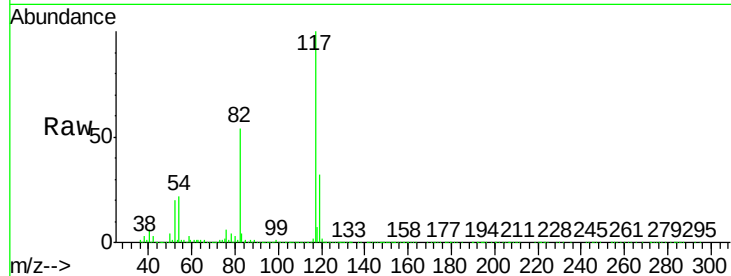
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.3	43.2	64.8
119	32.2	25.8	38.6

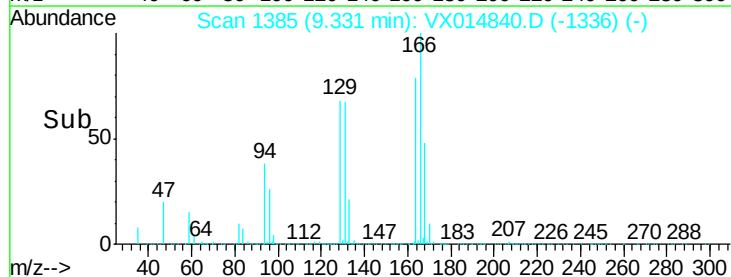
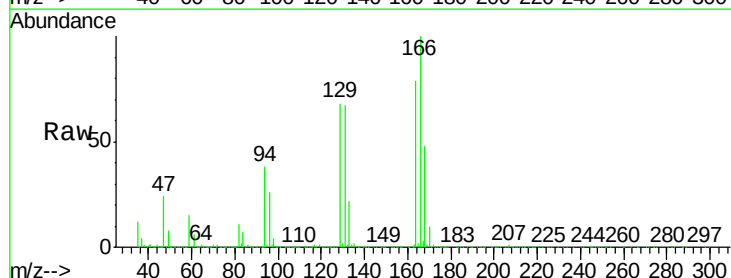
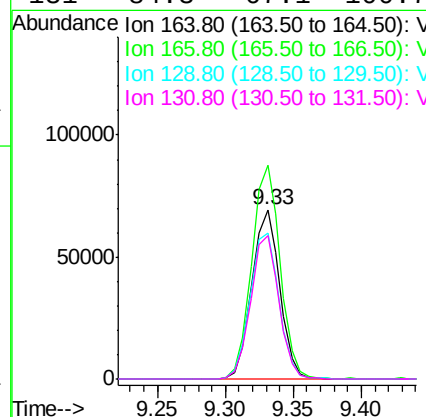
Manual Integrations
APPROVED

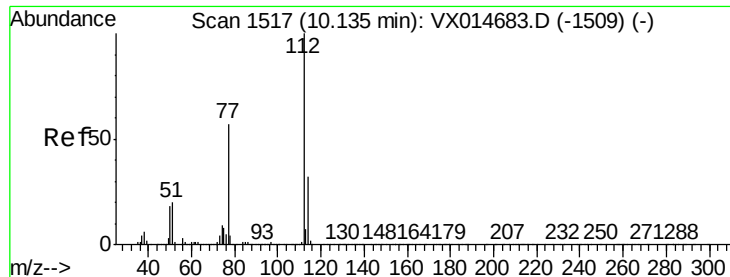
MMDadoda
2/7/2020 11:44:37 AM



#64
Tetrachloroethene
Concen: 18.182 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	126.0	100.9	151.3
129	85.8	71.0	106.6
131	84.3	67.1	100.7





#65

Chlorobenzene

Concen: 19.819 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion:112 Resp: 235712

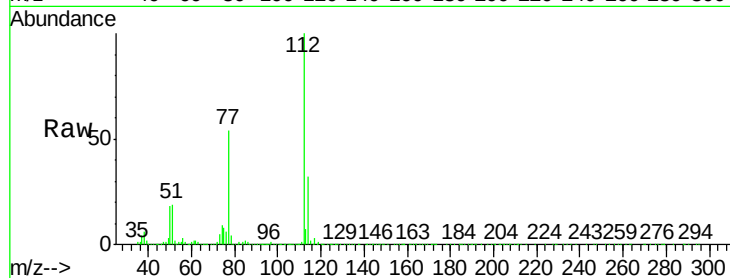
Ion Ratio Lower Upper

112 100

114 32.4 25.8 38.8

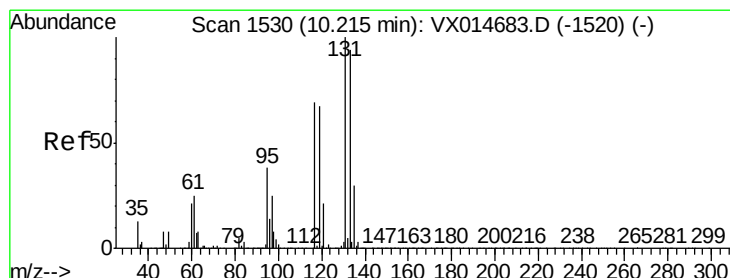
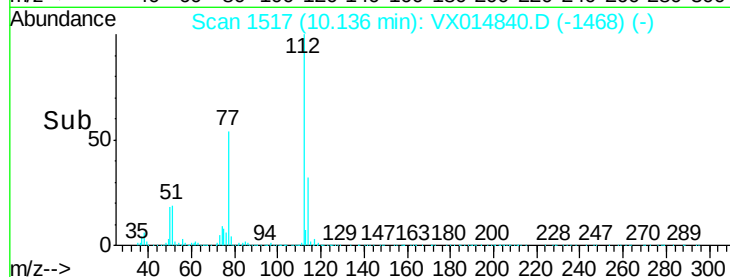
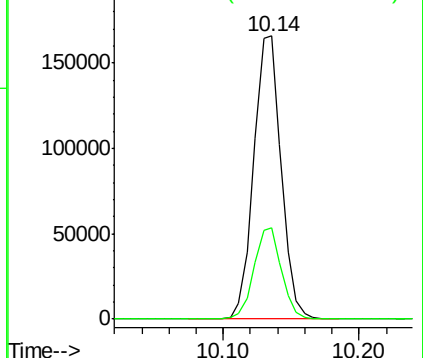
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.355 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

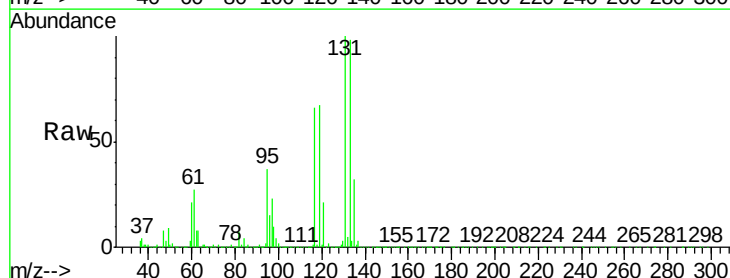
Tgt Ion:131 Resp: 89261

Ion Ratio Lower Upper

131 100

133 95.6 47.4 142.3

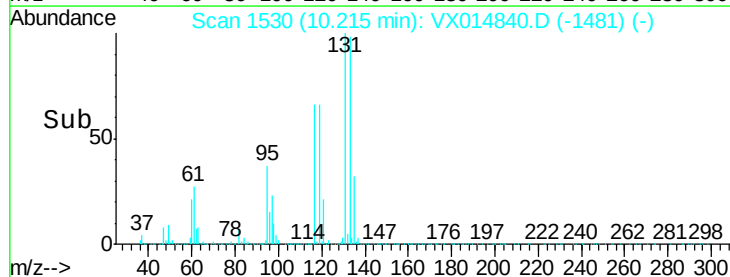
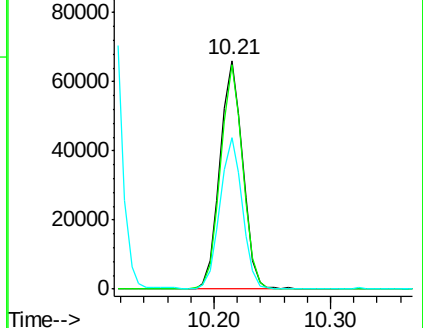
119 65.5 33.3 99.8

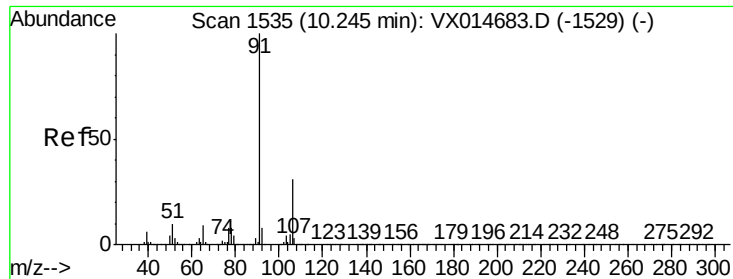


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.042 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion: 91 Resp: 407002

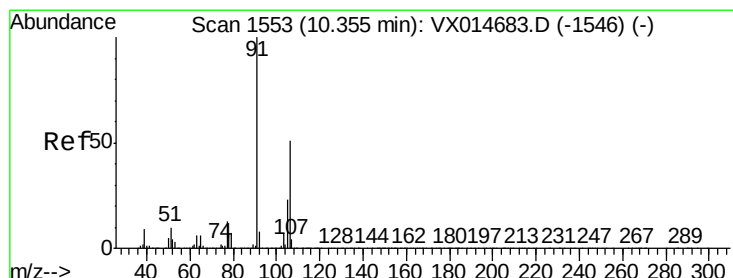
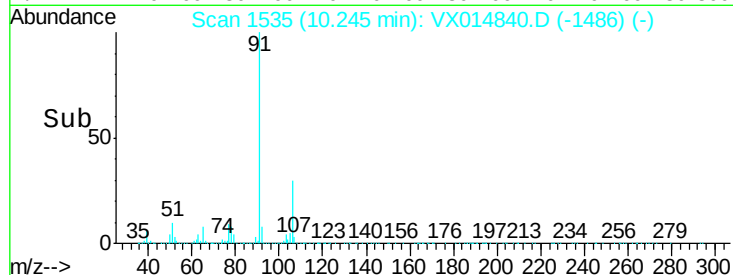
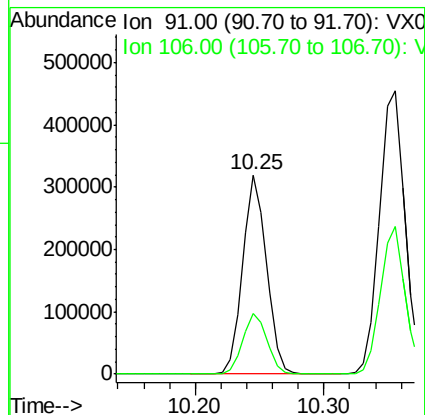
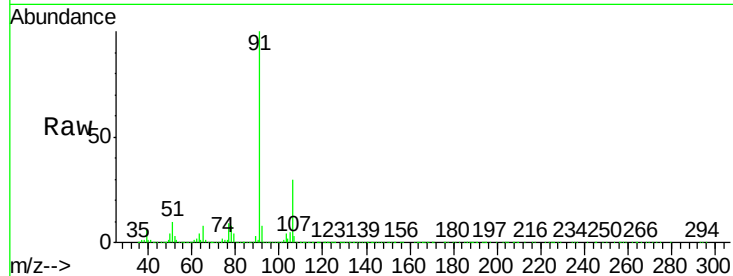
Ion Ratio Lower Upper

91 100

106 30.4 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 40.504 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014840.D

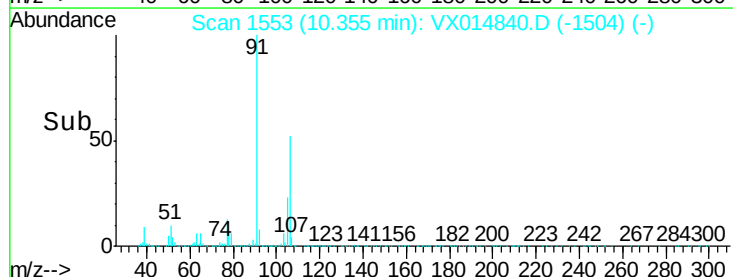
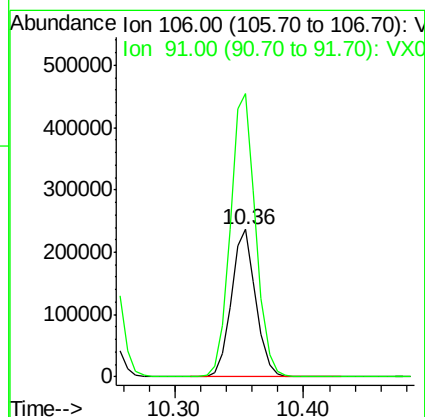
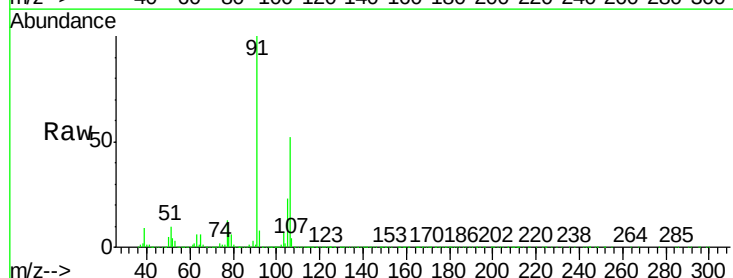
Acq: 06 Feb 2020 11:57

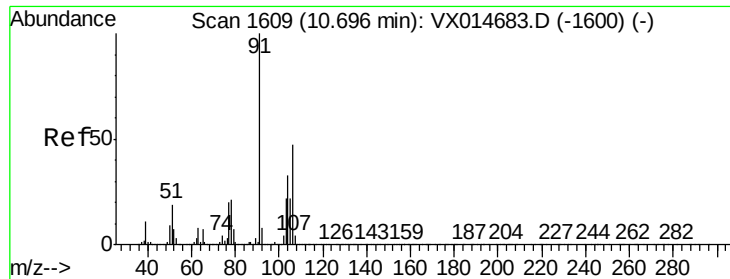
Tgt Ion: 106 Resp: 311621

Ion Ratio Lower Upper

106 100

91 199.0 159.4 239.2





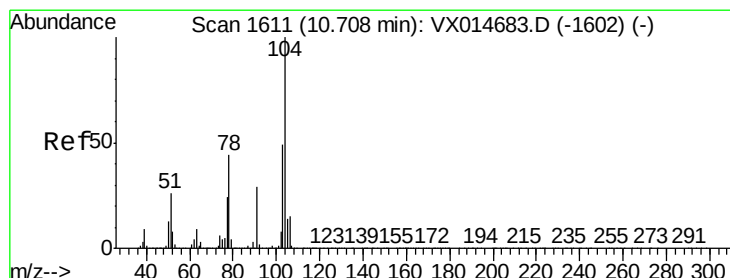
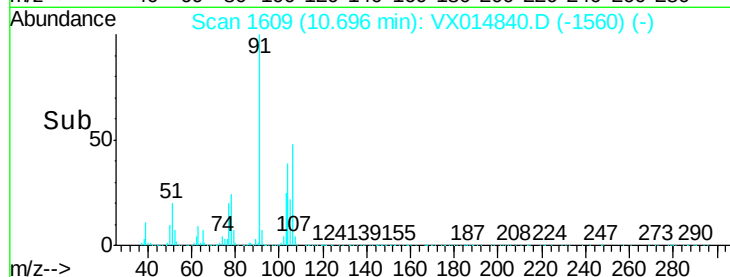
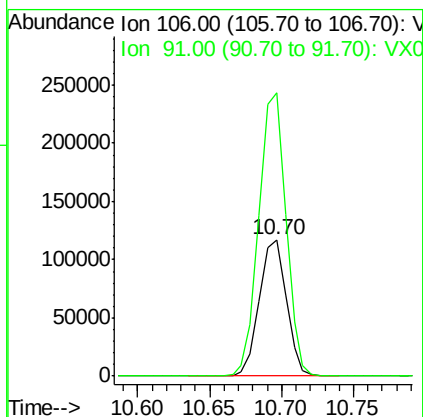
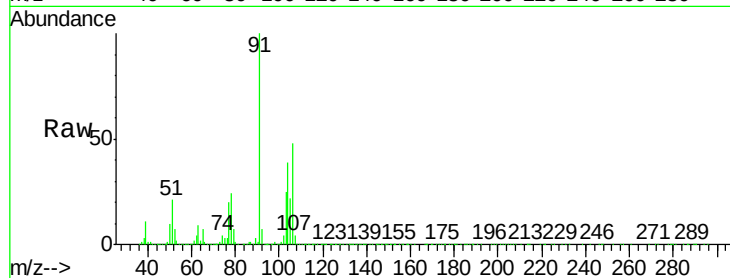
#69
o-Xylene
Concen: 20.563 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.1	106.2	318.6

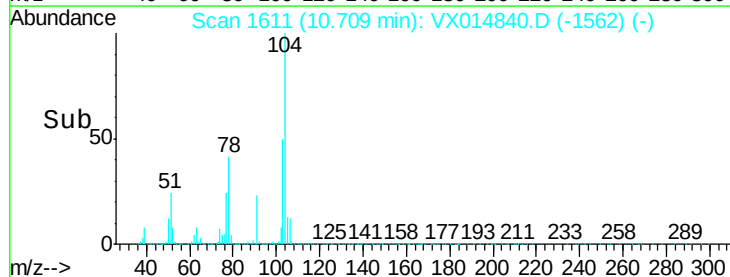
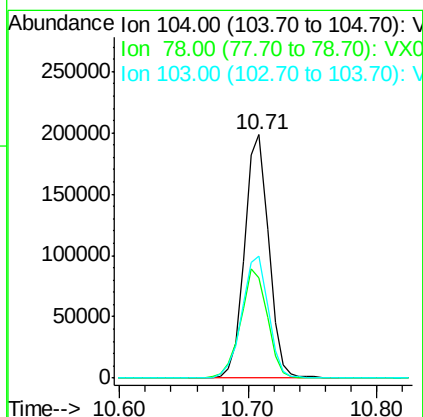
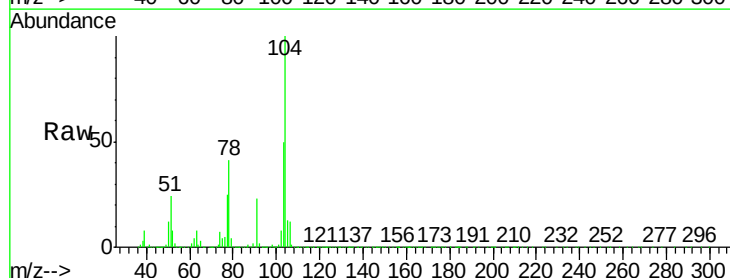
Manual Integrations
APPROVED

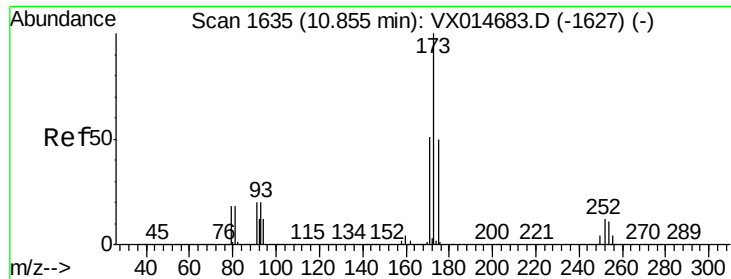
MMDadoda
2/7/2020 11:44:37 AM



#70
Styrene
Concen: 20.538 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.3	58.9
103	55.2	43.5	65.3





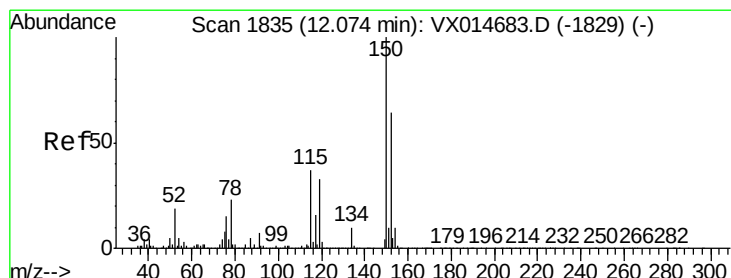
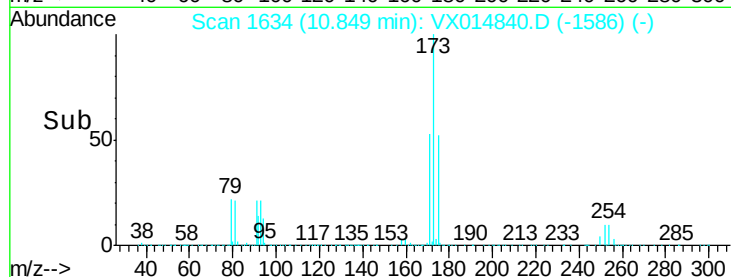
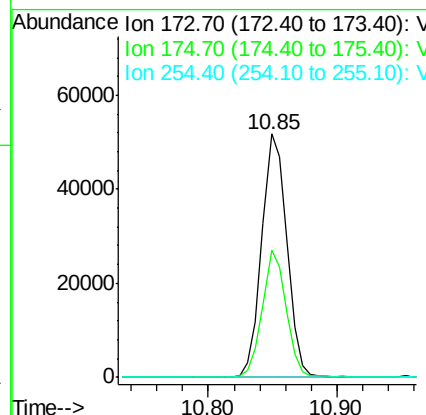
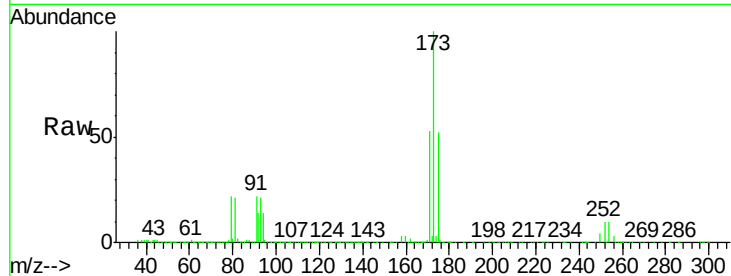
#71
Bromoform
Concen: 19.988 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.0	24.6	73.6
254	0.2	0.1	0.1#

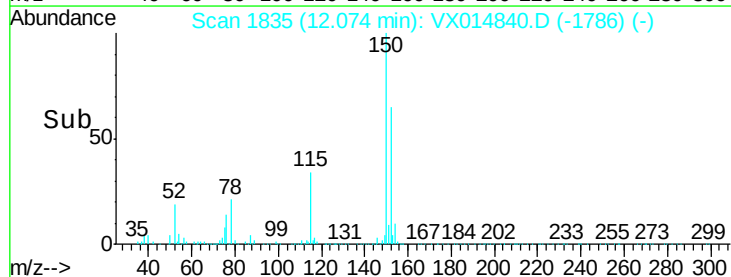
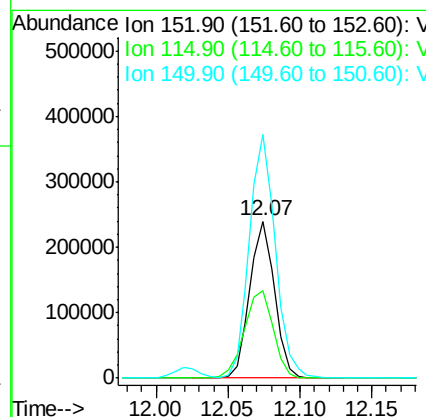
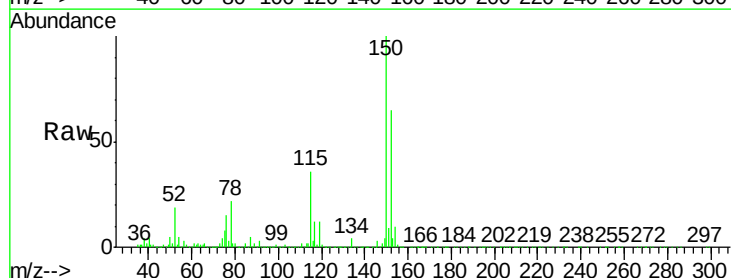
Manual Integrations
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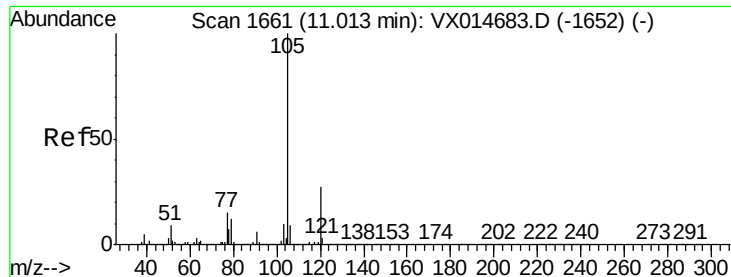
MMDadoda
2/7/2020 11:44:37 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	39.4	118.1
150	163.9	0.0	351.2





#73

Isopropylbenzene

Concen: 20.418 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBS01

Tot Ion:105 Resp: 406636

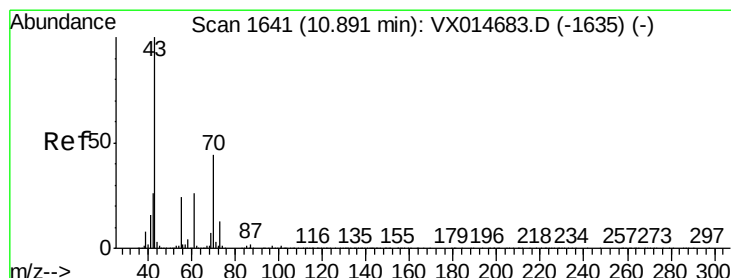
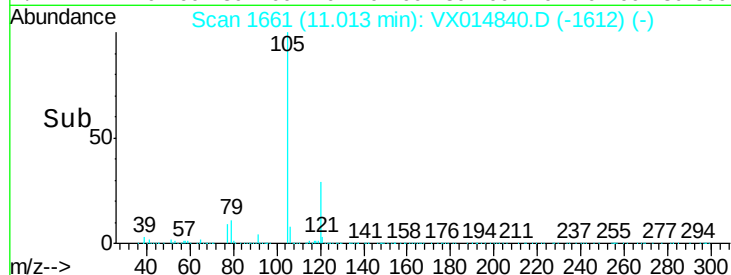
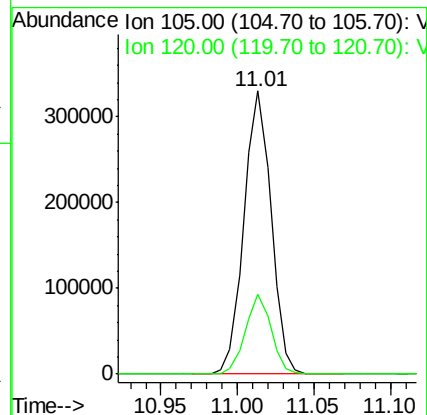
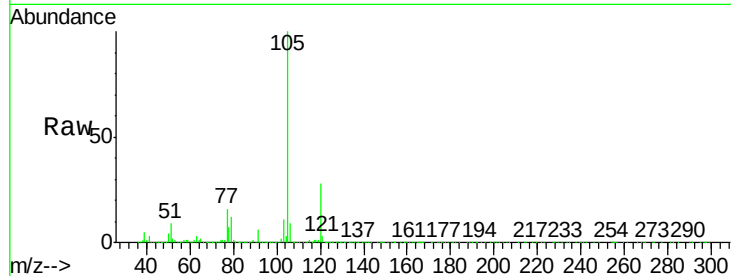
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5

Manual Integrations
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2/7/2020 11:44:37 AM



#74

N-ethyl acetate

Concen: 19.546 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion: 43 Resp: 170576

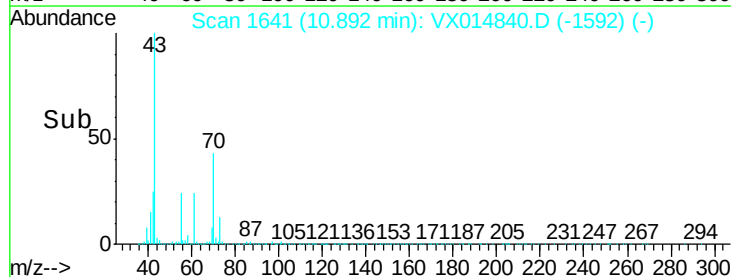
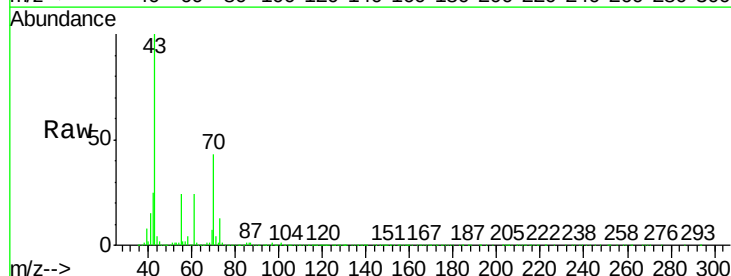
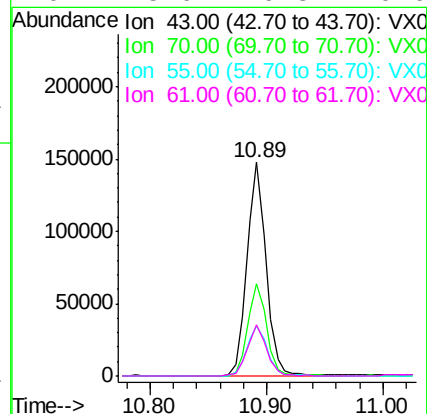
Ion Ratio Lower Upper

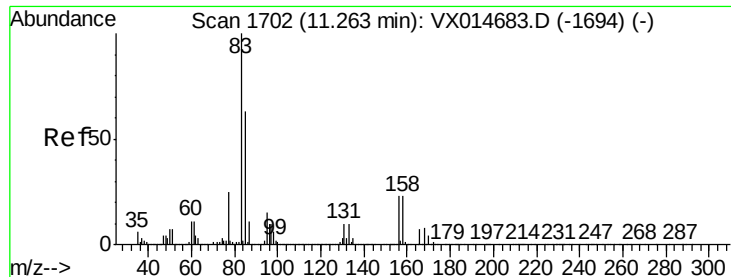
43 100

70 42.8 34.6 52.0

55 25.6 19.4 29.2

61 23.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.602 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

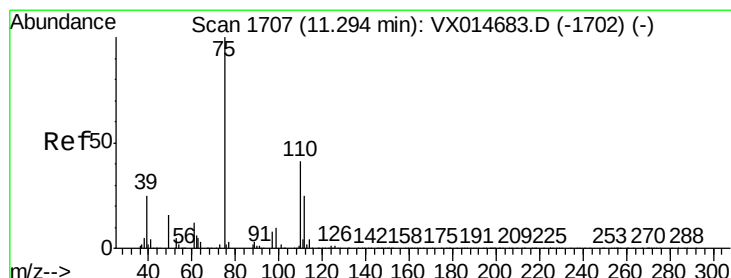
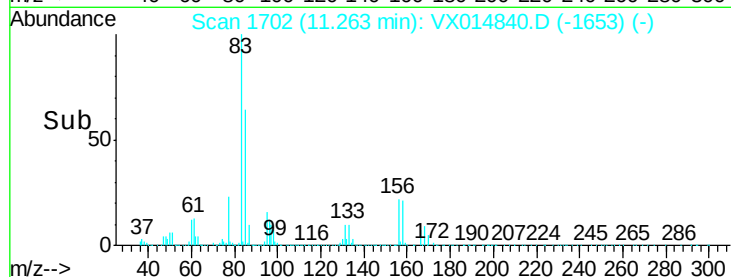
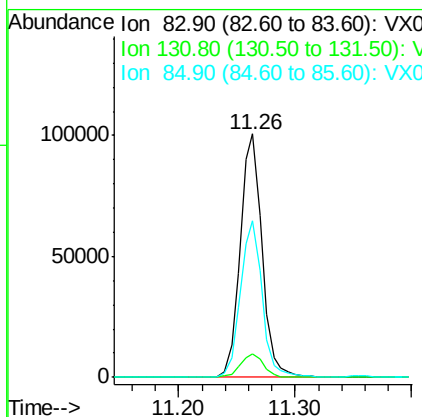
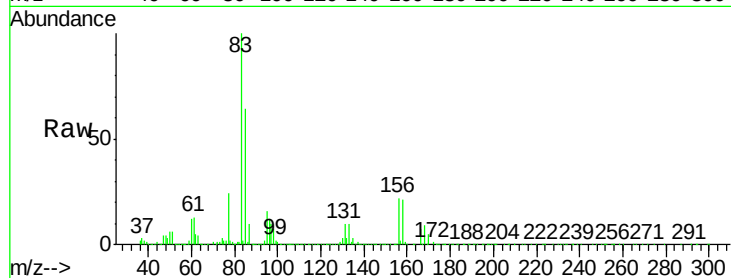
ClientSampled :

VX0206WBS01

Tot Ion:	83	Resp:	132273
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	15.0
85	64.0	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.694 ug/l m

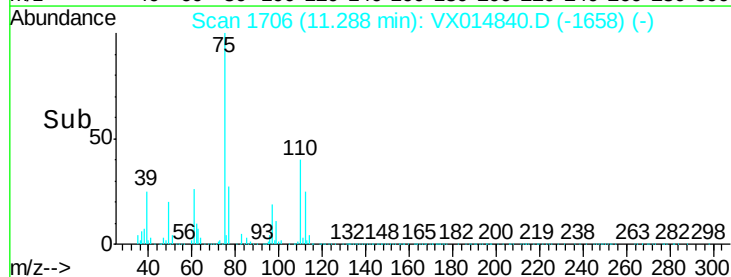
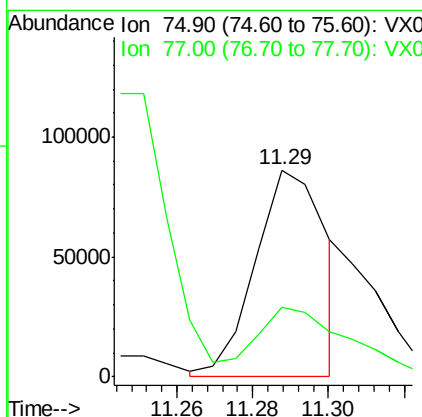
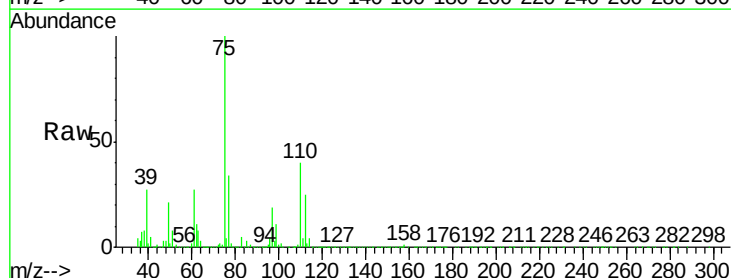
RT: 11.29 min Scan# 1706

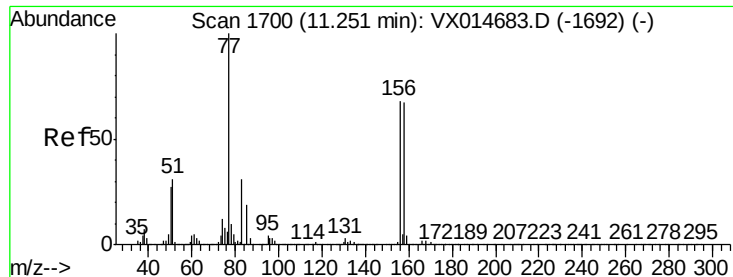
Delta R.T. -0.01 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion:	75	Resp:	110008
Ion Ratio	Lower	Upper	
75	100		
77	44.5	18.7	56.1





#77

Bromobenzene

Concen: 20.519 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

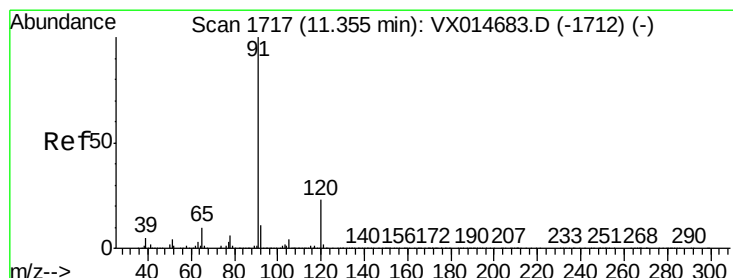
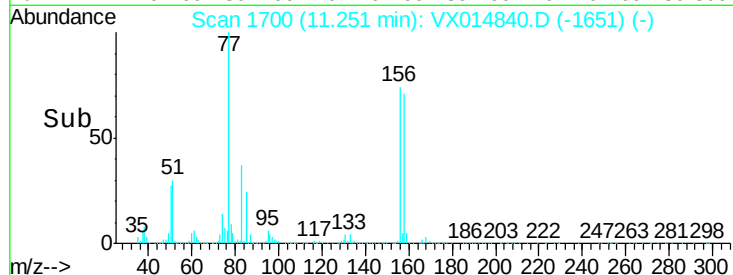
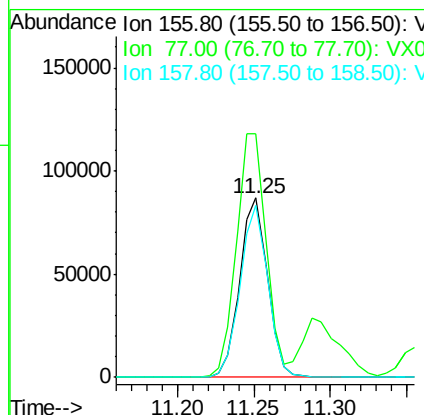
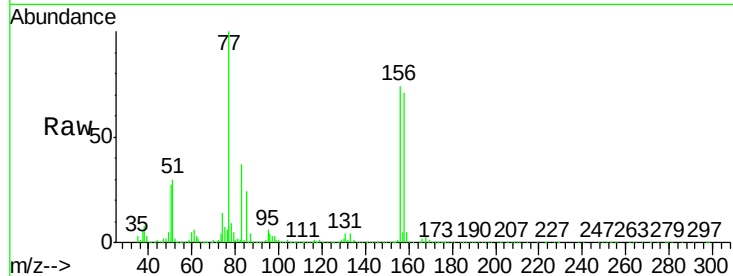
ClientSampleId :

VX0206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	109781		
77	143.7	77.5	232.5	
158	95.1	49.1	147.3	

Manual Integrations
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2/7/2020 11:44:37 AM



#78

n-propylbenzene

Concen: 20.134 ug/l

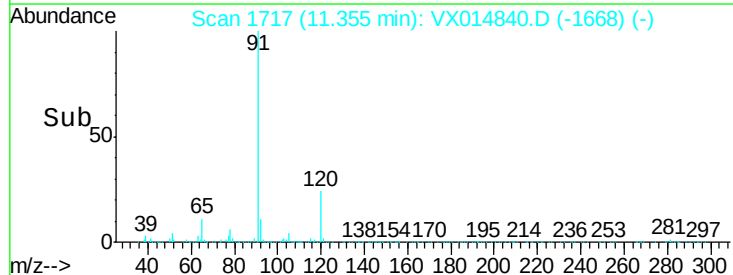
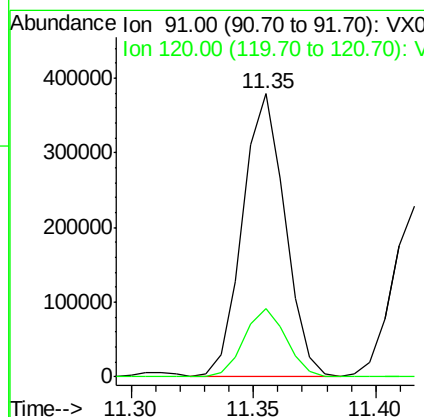
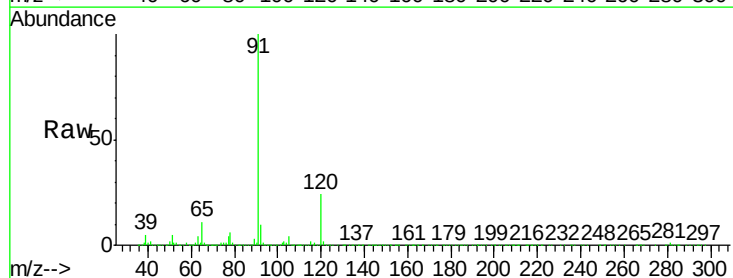
RT: 11.35 min Scan# 1717

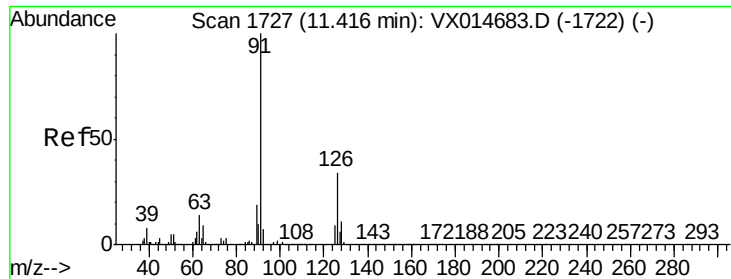
Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	455135		
120	24.1	11.7	35.0	





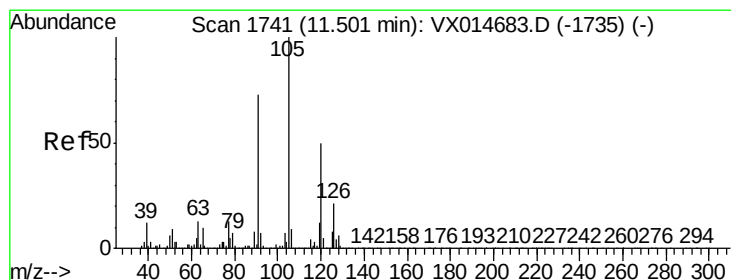
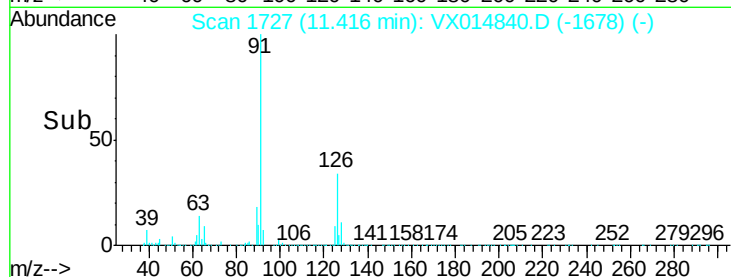
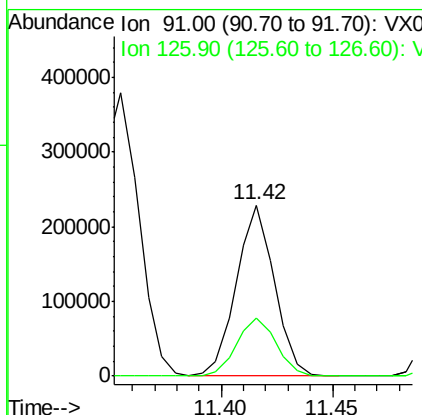
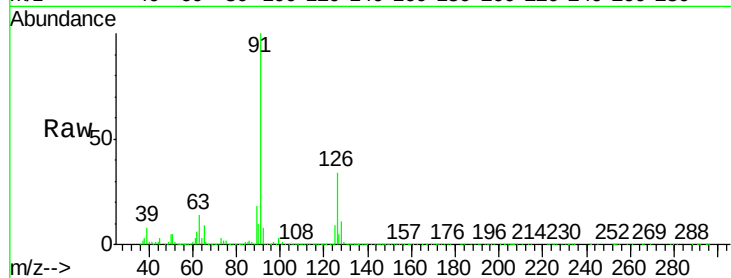
#79
 2-Chlorotoluene
 Concen: 19.817 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion: 91 Resp: 271045
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.3 51.9

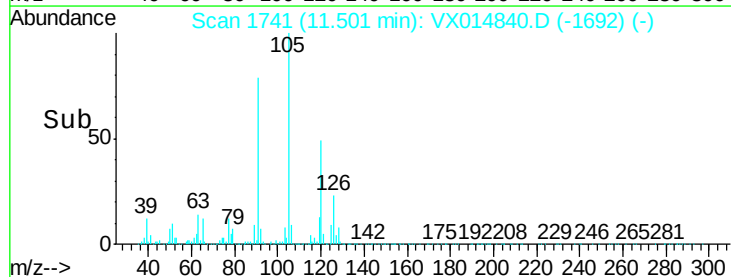
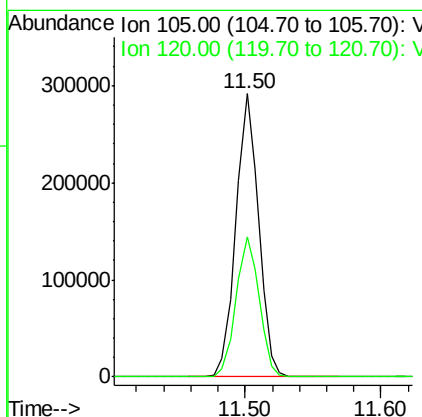
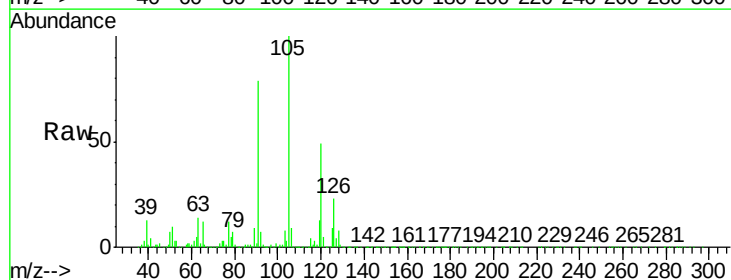
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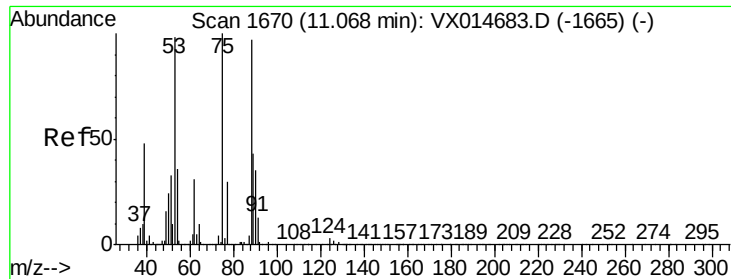
MMDadoda
 2/7/2020 11:44:37 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.426 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion: 105 Resp: 337626
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.746 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

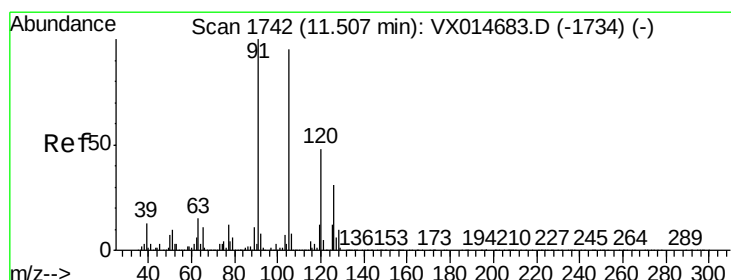
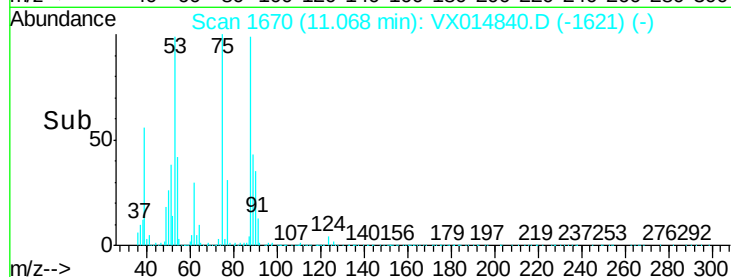
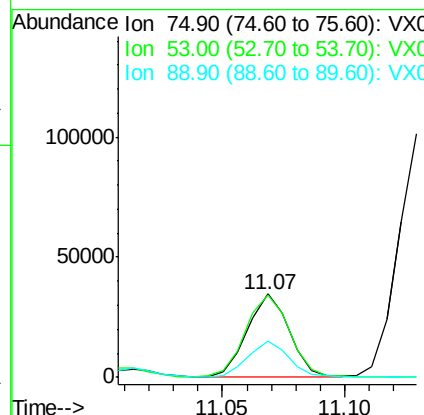
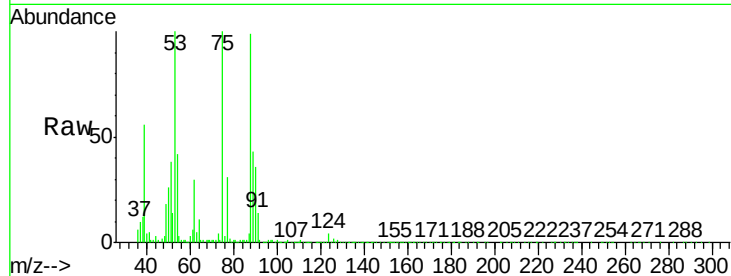
ClientSampled :

VX0206WBS01

Tot Ion:	75	Resp:	41091
Ion Ratio	Lower	Upper	
75	100		
53	103.4	78.8	118.2
89	44.4	35.4	53.0

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#82

4-Chlorotoluene

Concen: 20.052 ug/l

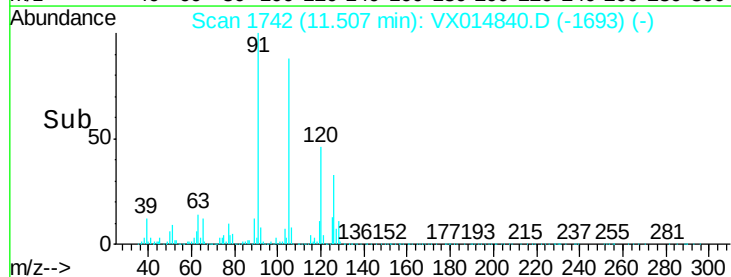
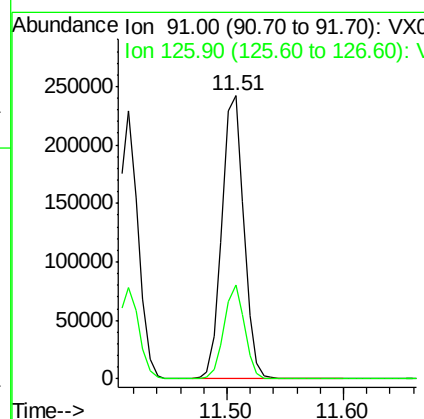
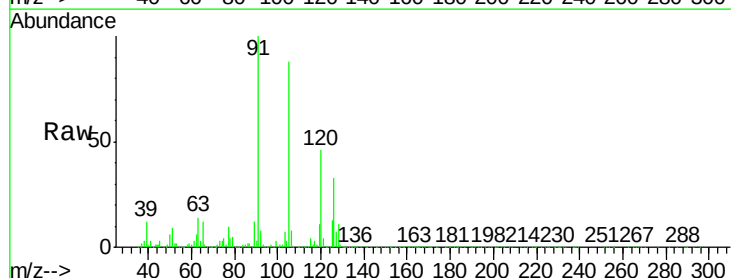
RT: 11.51 min Scan# 1742

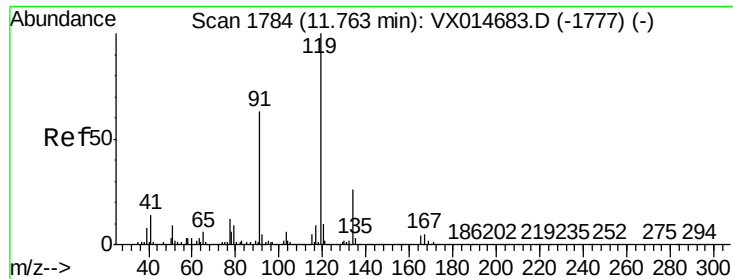
Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion:	91	Resp:	312241
Ion Ratio	Lower	Upper	
91	100		
126	31.6	15.4	46.4





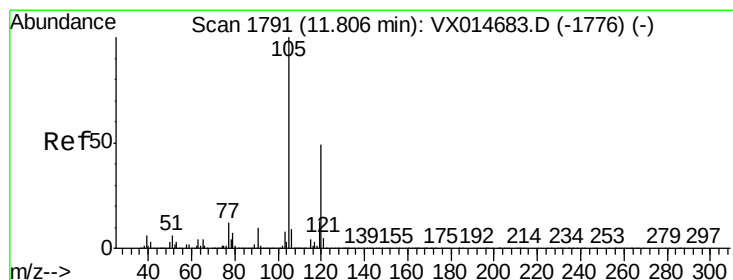
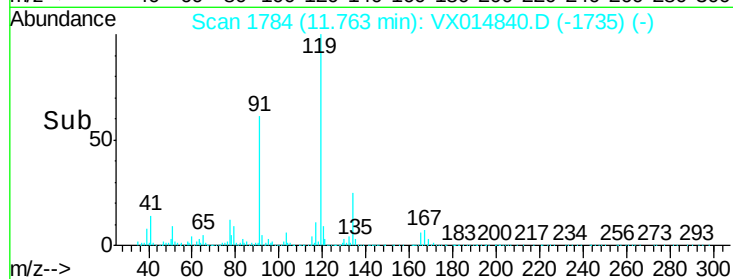
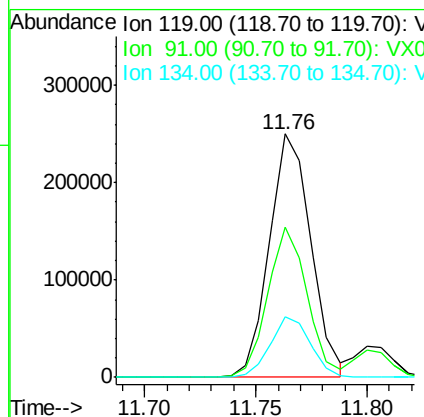
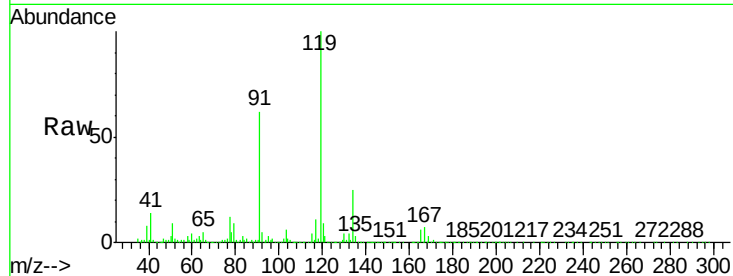
#83
 tert-Butylbenzene
 Concen: 20.835 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion:	119	Resp:	323609
Ion Ratio	Lower	Upper	
119	100		
91	58.5	30.0	90.0
134	24.5	12.7	38.0

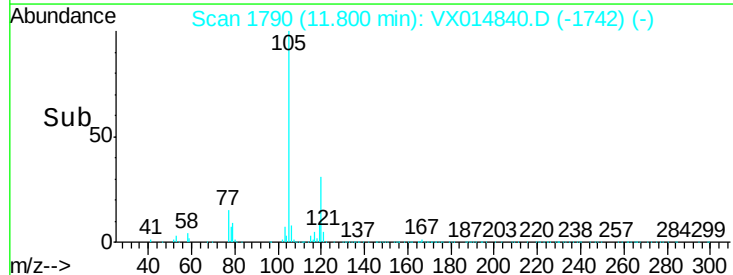
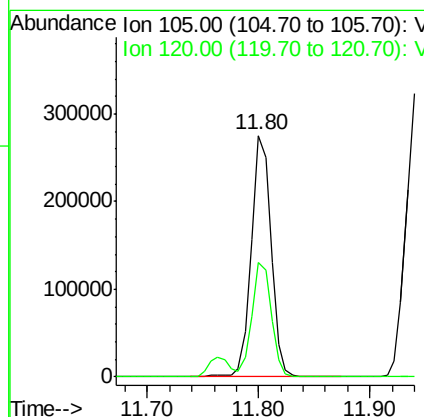
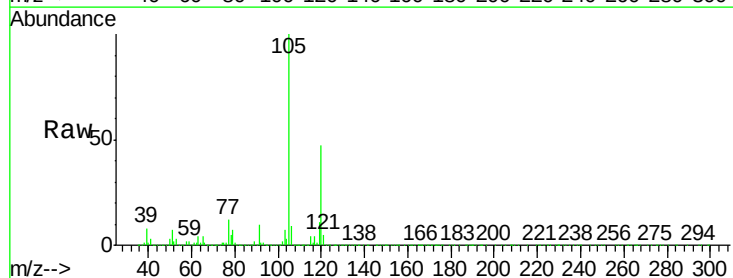
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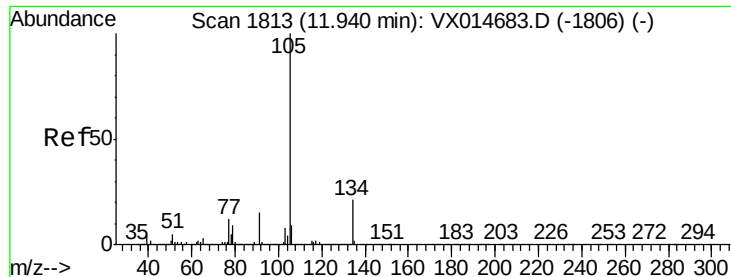
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.468 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion:	105	Resp:	339339
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.630 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Instrument :

MSVOA_X

ClientSampled :

VX0206WBS01

Tot Ion:105 Resp: 392530

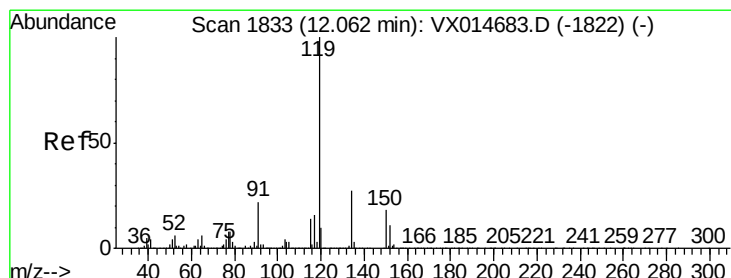
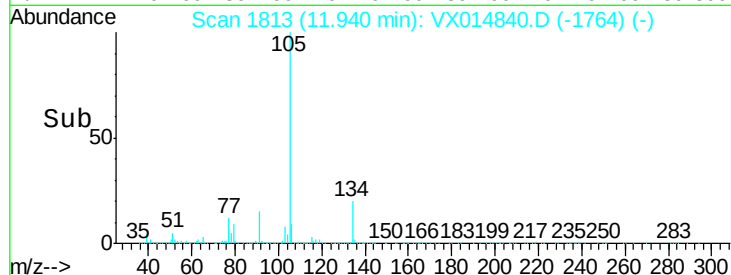
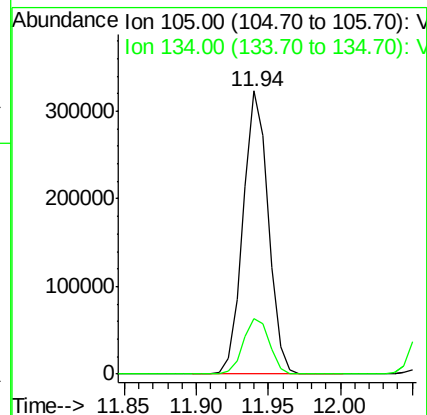
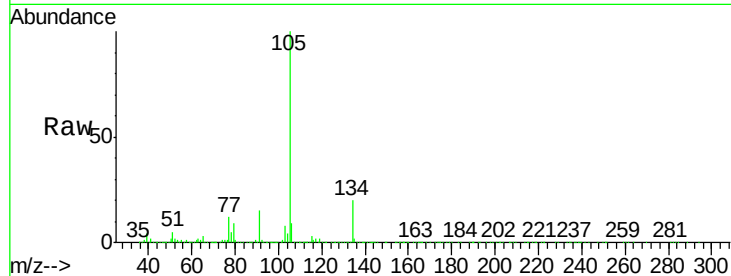
Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.788 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

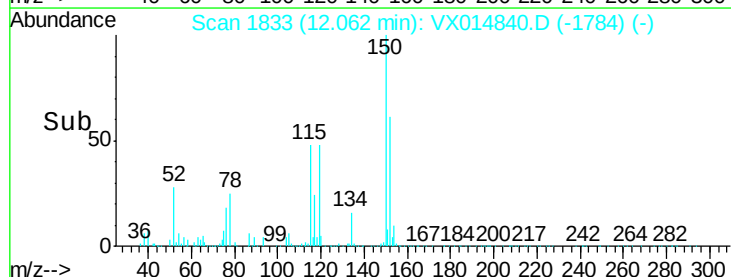
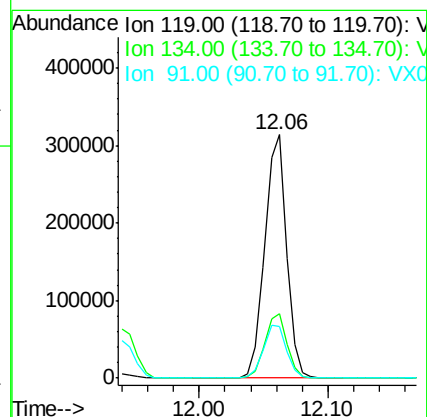
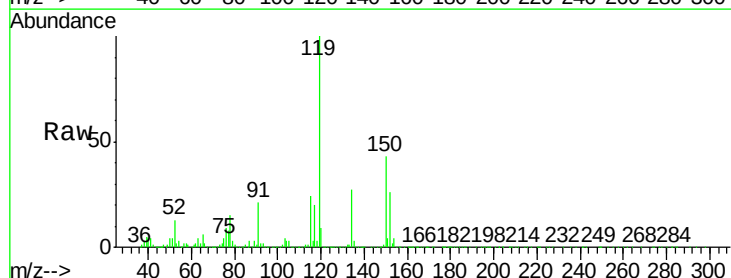
Tgt Ion:119 Resp: 365542

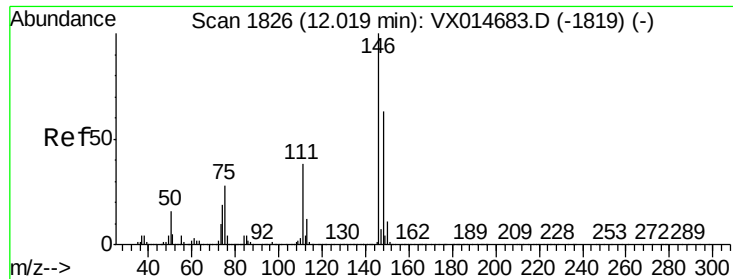
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 19.541 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

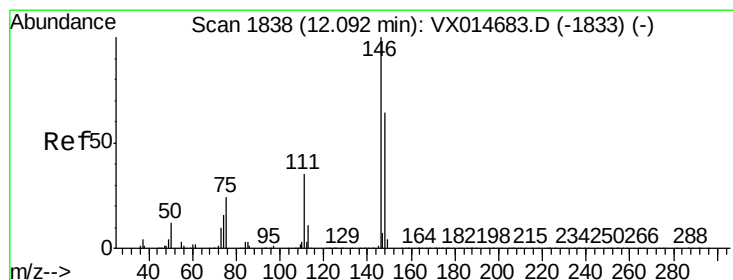
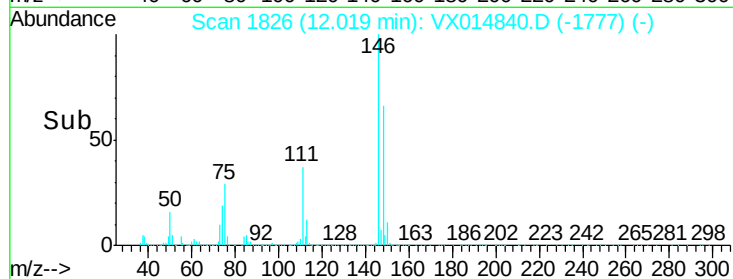
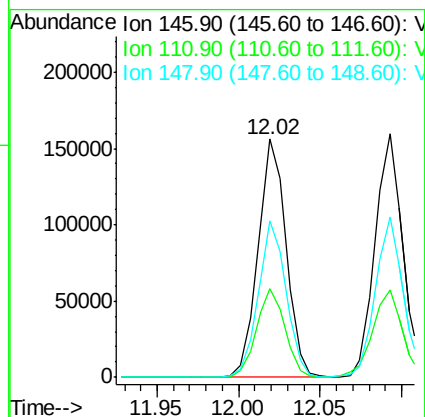
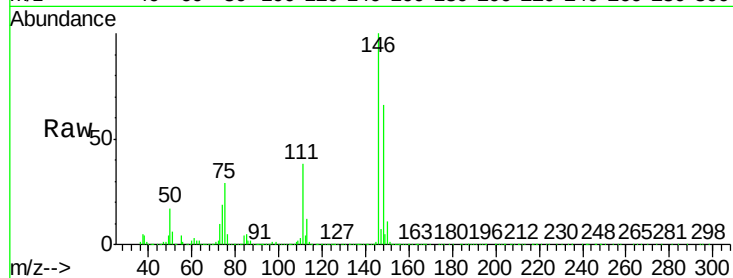
Instrument :
MSVOA_X

ClientSampled :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.0	57.0
148	65.0	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 19.550 ug/l

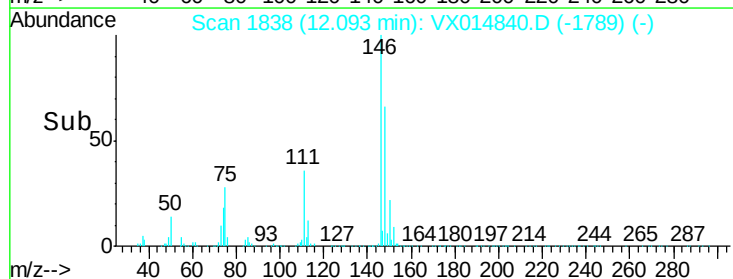
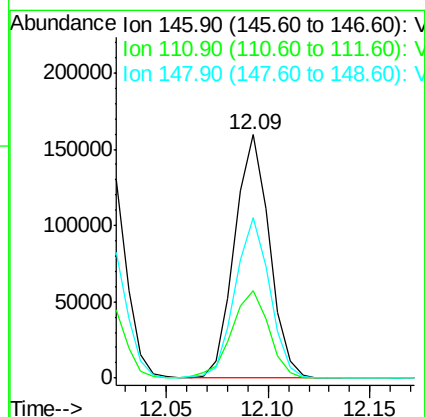
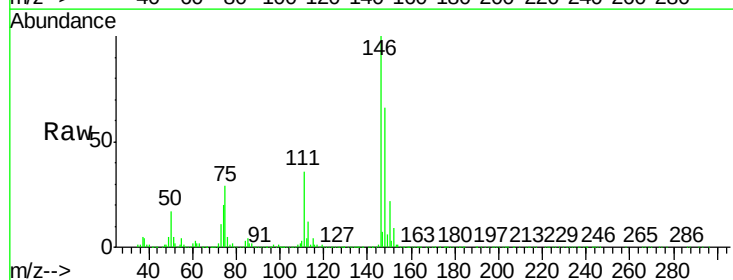
RT: 12.09 min Scan# 1838

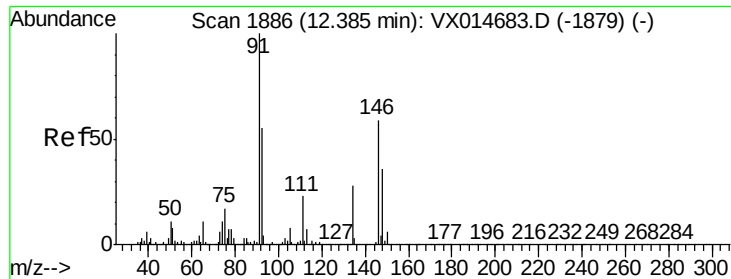
Delta R.T. 0.00 min

Lab File: VX014840.D

Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.6	55.8
148	65.7	32.0	96.2





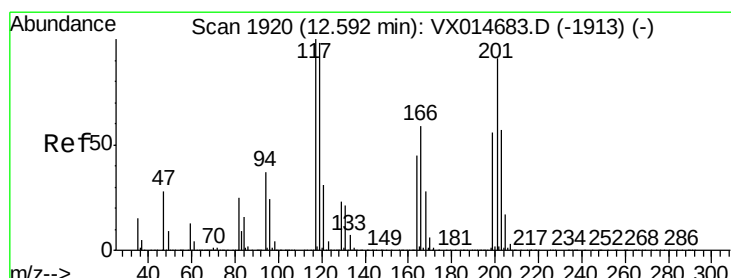
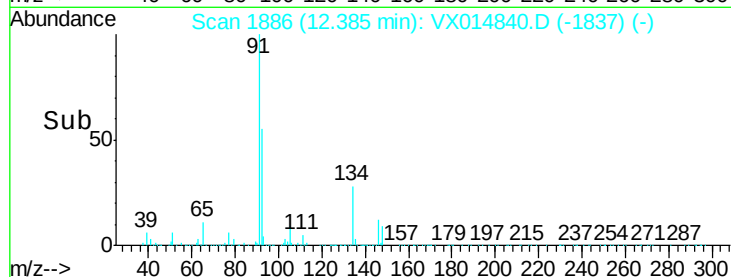
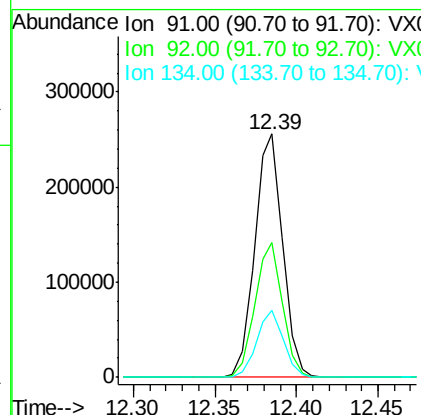
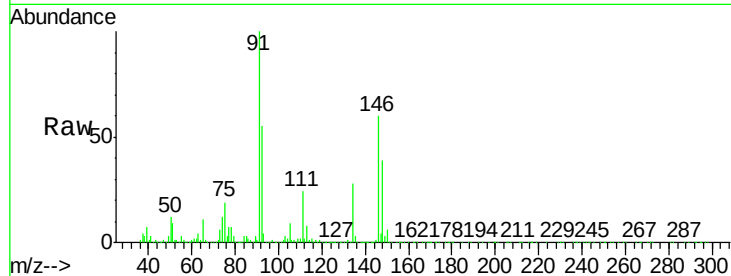
#89
n-Butylbenzene
Concen: 19.881 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0206WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	26.9	13.3	39.8

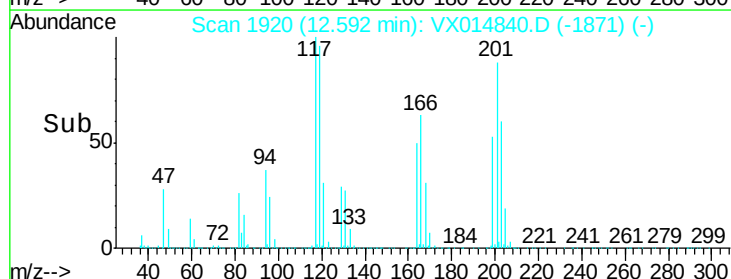
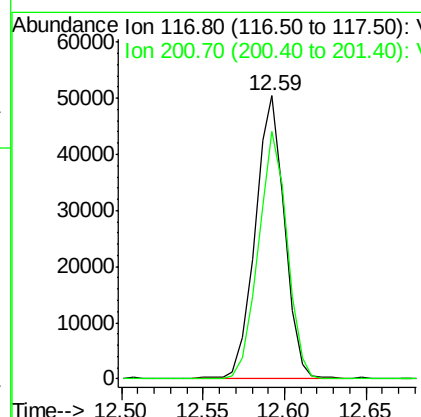
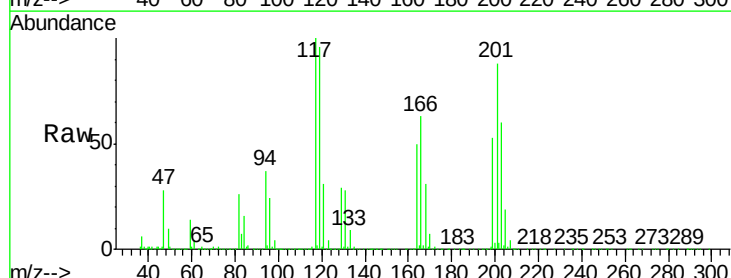
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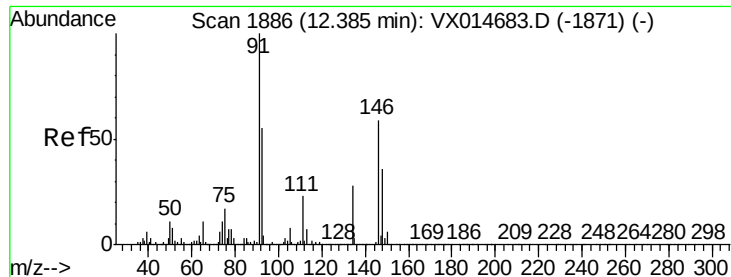
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#90
Hexachloroethane
Concen: 19.175 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.9	44.4	133.1





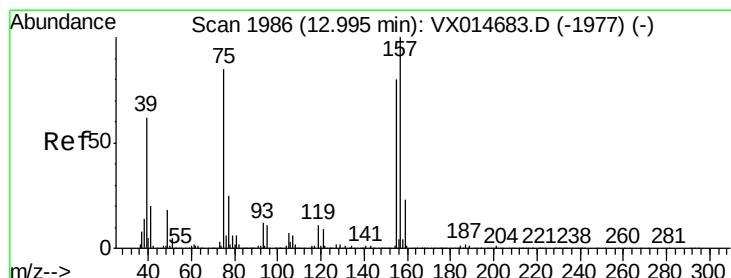
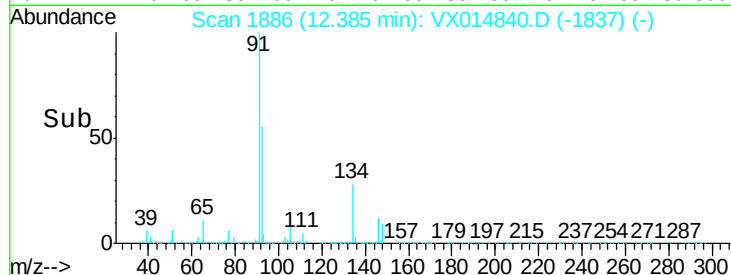
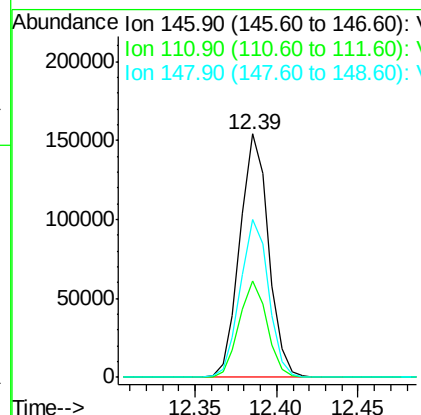
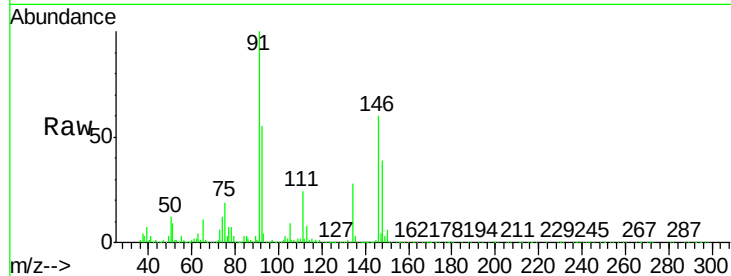
#91
 1,2-Dichlorobenzene
 Concen: 19.735 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.8
148	64.3	31.9	95.9

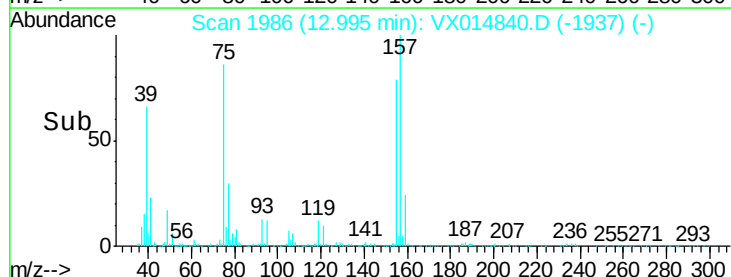
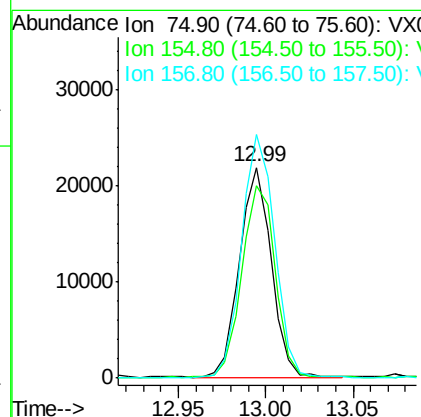
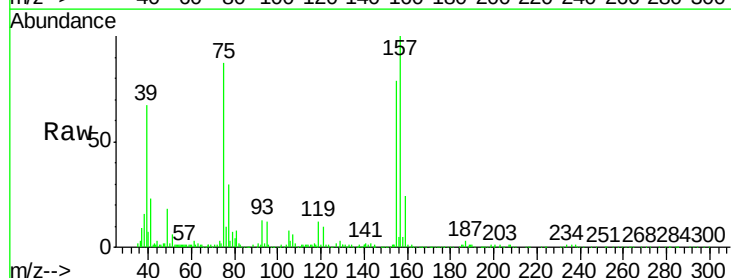
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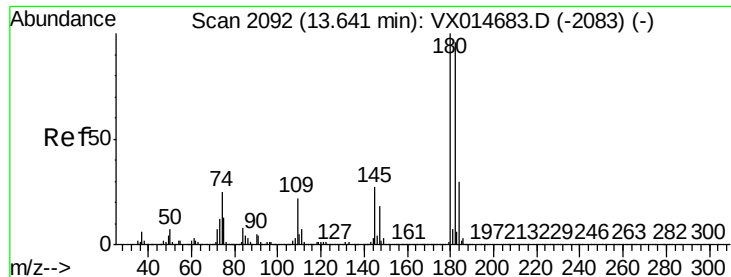
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.005 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014840.D
 Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.4	45.6	136.9
157	121.6	60.3	180.9





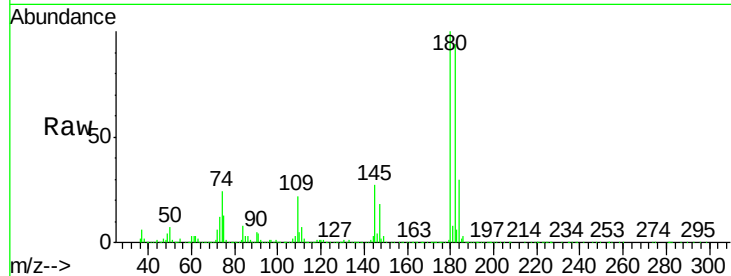
#93
1,2,4-Trichlorobenzene
Concen: 20.739 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

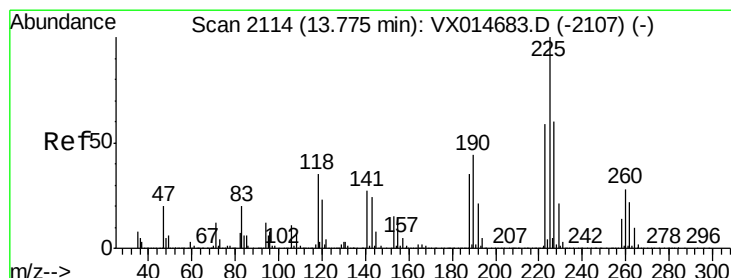
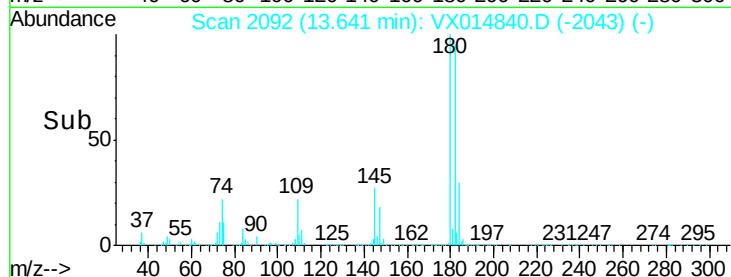
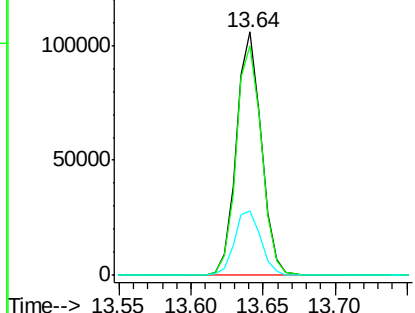
Tot Ion	Ratio	Resp	Lower	Upper
180	100	127689		
182	96.4	48.5	145.6	
145	28.5	14.0	41.9	

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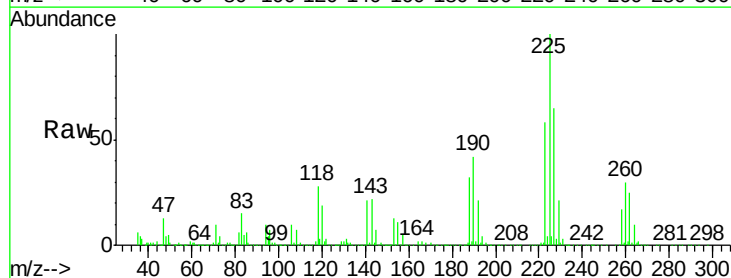


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

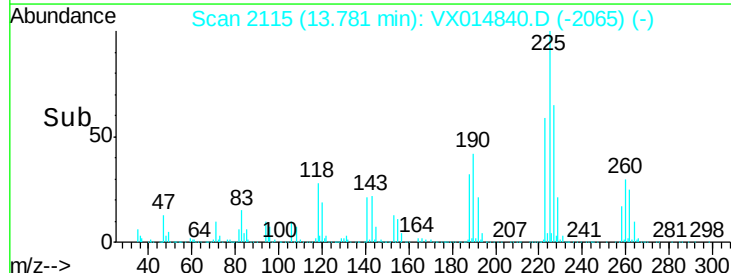
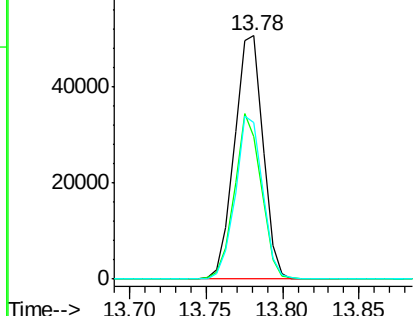


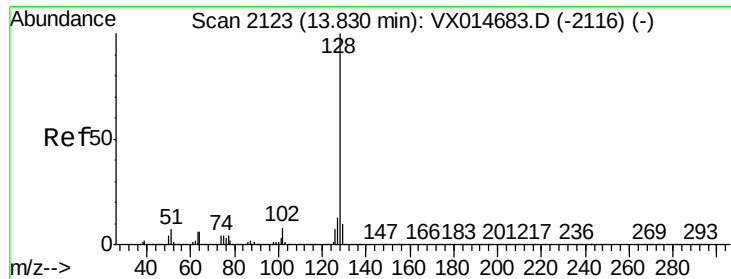
#94
Hexachlorobutadiene
Concen: 20.665 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65486		
223	63.1	30.6	91.8	
227	63.8	31.4	94.0	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





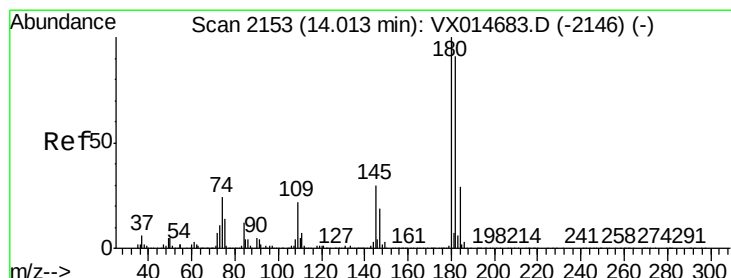
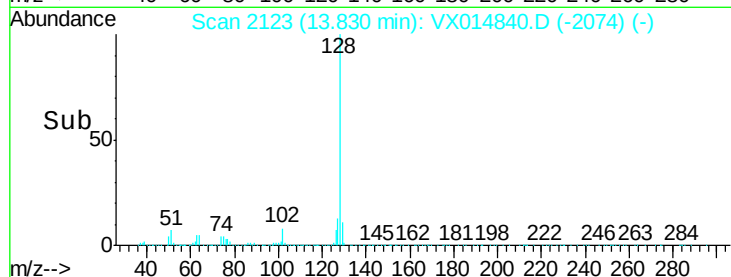
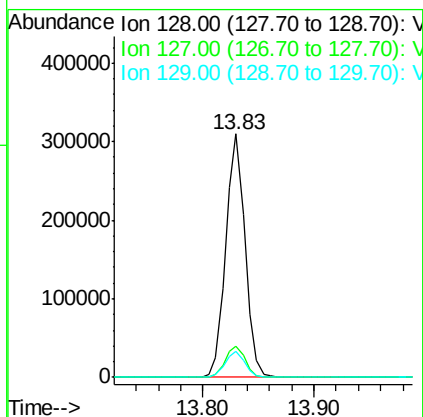
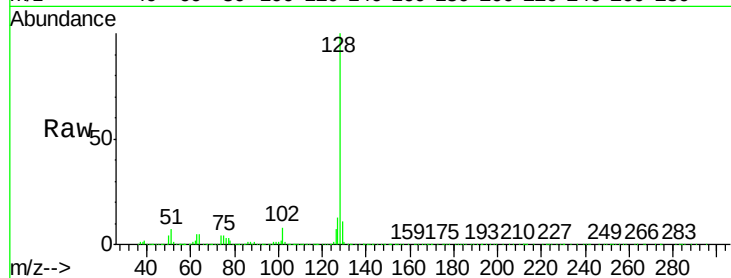
#95
Naphthalene
Concen: 19.218 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Instrument :
MSVOA_X
ClientSampled :
VX0206WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	369945		
127	13.4		10.3	15.5
129	10.9		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
2/7/2020 11:44:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.638 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014840.D
Acq: 06 Feb 2020 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	128481		
182	96.4		46.6	139.7
145	30.6		14.7	44.1

