

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014876.D
 Acq On : 10 Feb 2020 09:54
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 2/11/2020 10:35:57 AM

Quant Time: Feb 10 11:42:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 11:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	577191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	846690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	772089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	4492	0.853	ug/l	91
3) Chloromethane	1.32	50	5835	0.960	ug/l #	87
4) Vinyl Chloride	1.41	62	6507	0.990	ug/l #	88
6) Chloroethane	1.73	64	4290	0.998	ug/l	98
7) Trichlorofluoromethane	1.93	101	8929	0.965	ug/l	93
8) Diethyl Ether	2.18	74	3860	0.998	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5651	1.034	ug/l	97
12) 1,1-Dichloroethene	2.37	96	4776	0.915	ug/l	94
14) Allyl chloride	2.72	41	10203	1.093	ug/l	95
15) Acrylonitrile	3.13	53	13236	4.610	ug/l	98
16) Acetone	2.43	43	25047	6.176	ug/l	98
17) Carbon Disulfide	2.56	76	14199	0.982	ug/l	95
18) Methyl Acetate	2.76	43	5907	0.922	ug/l #	69
19) Methyl tert-butyl Ether	3.18	73	16049	0.949	ug/l	97
20) Methylene Chloride	2.84	84	7527	1.171	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	5689	0.978	ug/l #	86
22) Diisopropyl ether	3.84	45	16281	0.920	ug/l #	87
23) Vinyl Acetate	3.80	43	63567	4.339	ug/l	95
24) 1,1-Dichloroethane	3.69	63	9586	0.954	ug/l #	88
25) 2-Butanone	4.67	43	20379	4.641	ug/l	99
26) 2,2-Dichloropropane	4.58	77	8707	1.005	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	6124	0.949	ug/l	90
28) Bromochloromethane	5.01	49	3403m	1.009	ug/l	
29) Tetrahydrofuran	5.12	42	10079	4.104	ug/l	92
30) Chloroform	5.19	83	9221m	0.923	ug/l	
32) 1,1,1-Trichloroethane	5.48	97	8082	0.936	ug/l #	49
36) 1,1-Dichloropropene	5.79	75	6956	0.935	ug/l	92
37) Ethyl Acetate	4.83	43	7144	0.919	ug/l #	81
38) Carbon Tetrachloride	5.78	117	6267	0.871	ug/l #	81
39) Methylcyclohexane	7.46	83	9460	1.008	ug/l #	85
40) Benzene	6.14	78	21185	0.941	ug/l	95
41) Methacrylonitrile	5.03	41	3281	0.800	ug/l #	80
42) 1,2-Dichloroethane	6.18	62	7840	0.955	ug/l	94
43) Isopropyl Acetate	6.43	43	11269	0.890	ug/l #	83

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda
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Quant Time: Feb 10 11:42:50 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	6464	0.990	ug/l	87
45) 1,2-Dichloropropane	7.51	63	5156	0.901	ug/l #	86
46) Dibromomethane	7.65	93	3956	1.007	ug/l	91
47) Bromodichloromethane	7.89	83	7580	0.990	ug/l #	93
48) Methyl methacrylate	7.76	41	4944	0.806	ug/l #	83
49) 1,4-Dioxane	7.73	88	2610	21.960	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	32694	4.268	ug/l	100
52) Toluene	8.78	92	12821	0.903	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	6788	0.830	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	8738	0.952	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	5313	0.923	ug/l	91
56) Ethyl methacrylate	9.17	69	6911	0.836	ug/l	98
57) 1,3-Dichloropropane	9.36	76	9338	0.962	ug/l #	87
58) 2-Chloroethyl Vinyl ether	8.31	63	21011	4.692	ug/l	92
59) 2-Hexanone	9.48	43	24282	4.062	ug/l	96
60) Dibromochloromethane	9.57	129	5183	0.868	ug/l	91
61) 1,2-Dibromoethane	9.67	107	6050	0.972	ug/l	92
64) Tetrachloroethene	9.33	164	6829	0.965	ug/l	91
65) Chlorobenzene	10.14	112	15689	1.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	5051	0.909	ug/l #	59
67) Ethyl Benzene	10.25	91	24134	0.922	ug/l	99
68) m/p-Xylenes	10.35	106	19179	1.907	ug/l	92
69) o-Xylene	10.69	106	9172	0.952	ug/l	99
70) Styrene	10.71	104	13908	0.870	ug/l	93
71) Bromoform	10.85	173	3983	0.895	ug/l #	88
73) Isopropylbenzene	11.01	105	21774	0.873	ug/l	95
74) N-amyl acetate	10.89	43	7983	0.811	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	8449	1.028	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	7194m	0.832	ug/l	
77) Bromobenzene	11.25	156	6999	0.999	ug/l	90
78) n-propylbenzene	11.35	91	25733	0.895	ug/l	100
79) 2-Chlorotoluene	11.42	91	15667	0.921	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	17124	0.837	ug/l	96
82) 4-Chlorotoluene	11.51	91	19016	0.950	ug/l	100
83) tert-Butylbenzene	11.76	119	17924	0.914	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	18263	0.881	ug/l	92
85) sec-Butylbenzene	11.94	105	22161	0.912	ug/l	97
86) p-Isopropyltoluene	12.06	119	20602	0.910	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	12213	0.976	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	13618m	1.085	ug/l	
89) n-Butylbenzene	12.38	91	17897	0.893	ug/l	98
90) Hexachloroethane	12.59	117	3596	0.932	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	11969	0.978	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2292	1.178	ug/l	83
93) 1,2,4-Trichlorobenzene	13.64	180	8591	0.967	ug/l	98
94) Hexachlorobutadiene	13.78	225	4427	1.012	ug/l	90
95) Naphthalene	13.83	128	18270	0.795	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.01	180	7980	0.927	ug/l	91

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

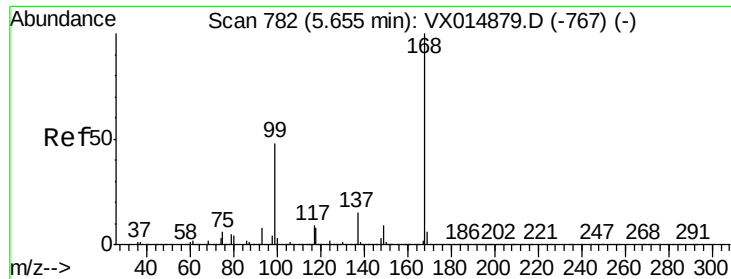
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 577191

Ion Ratio Lower Upper

168 100

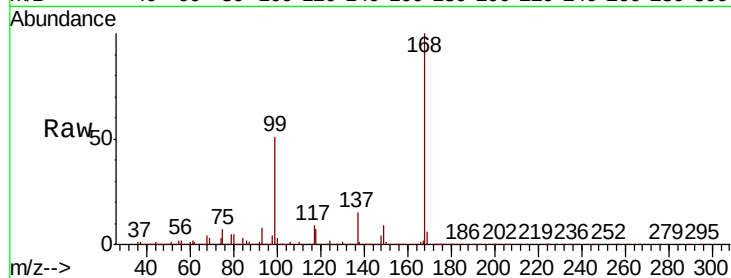
99 51.1 38.7 58.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

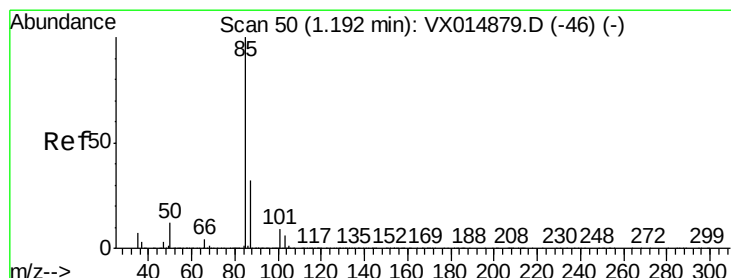
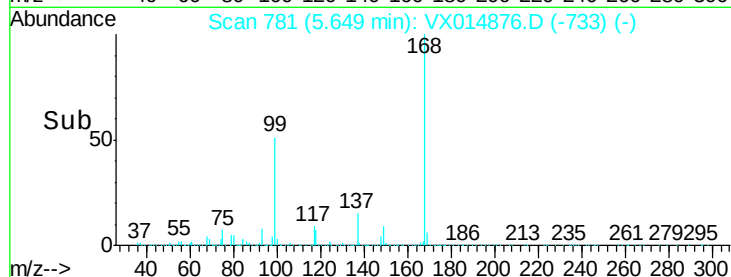
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.853 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014876.D

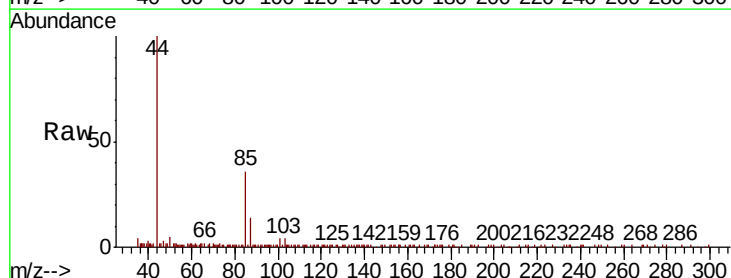
Acq: 10 Feb 2020 09:54

Tgt Ion: 85 Resp: 4492

Ion Ratio Lower Upper

85 100

87 36.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

5000

4000

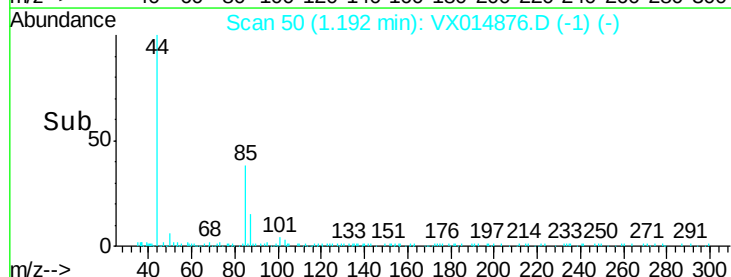
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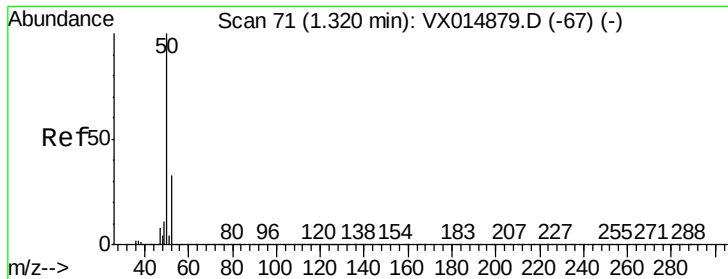
2000

1000

0

Time-->





#3

Chloromethane

Concen: 0.960 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5835

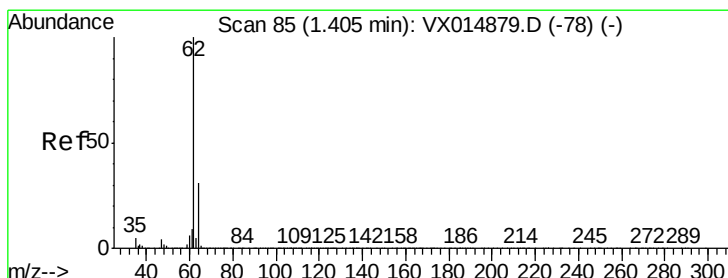
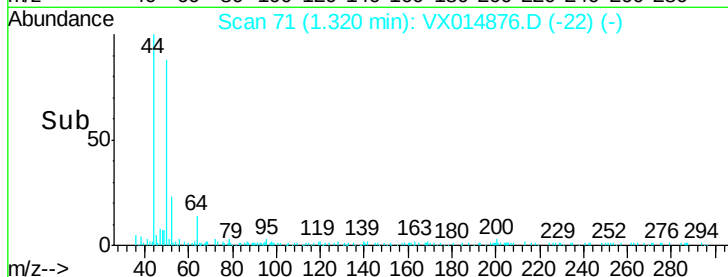
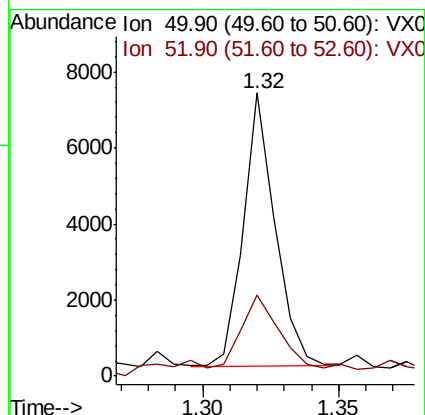
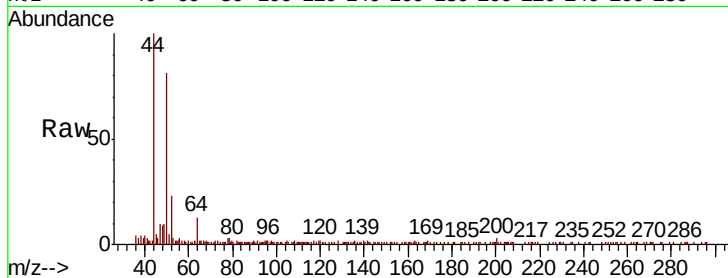
Ion Ratio Lower Upper

50 100

52 25.6 26.2 39.2#

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#4

Vinyl Chloride

Concen: 0.990 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014876.D

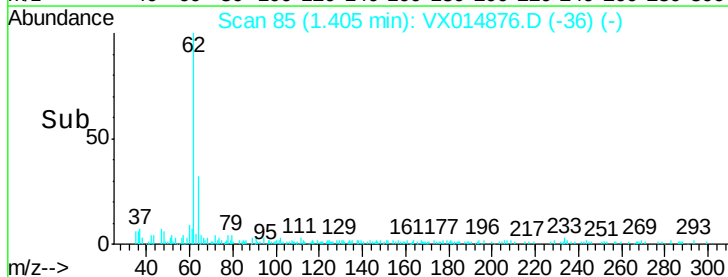
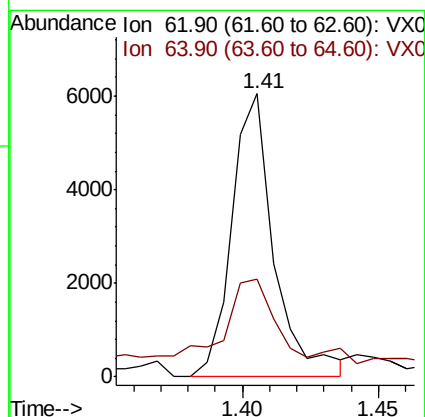
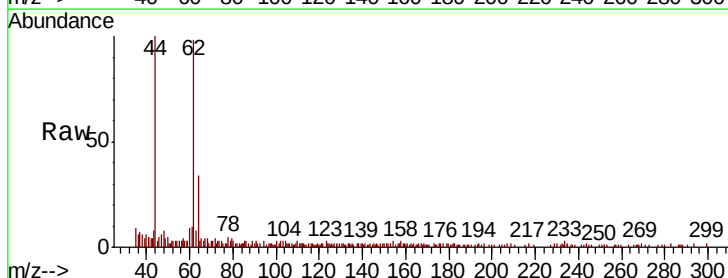
Acq: 10 Feb 2020 09:54

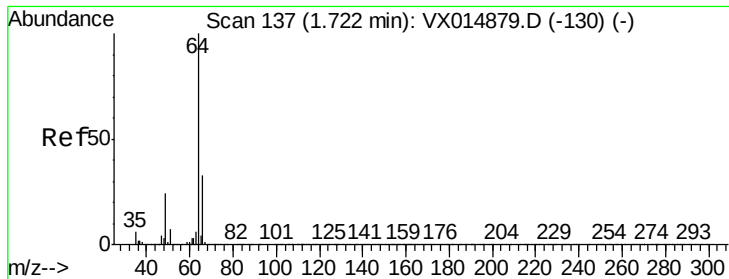
Tgt Ion: 62 Resp: 6507

Ion Ratio Lower Upper

62 100

64 24.3 24.8 37.2#





#6

Chloroethane

Concen: 0.998 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 4290

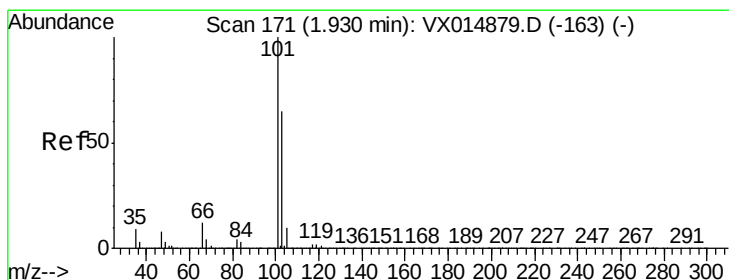
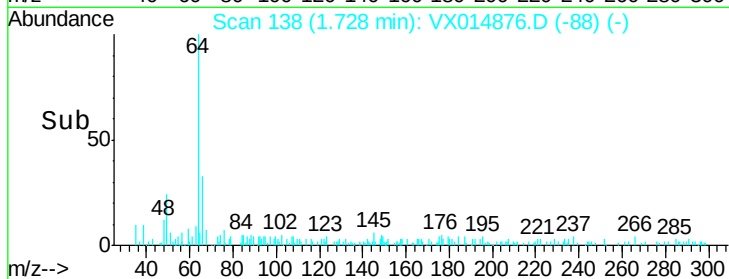
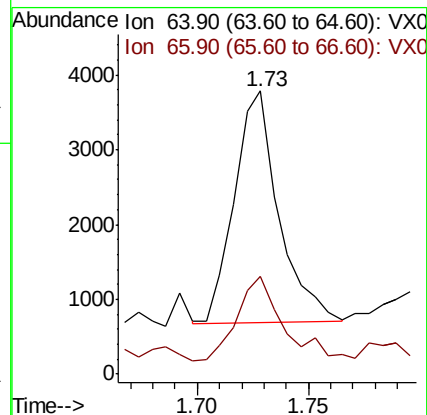
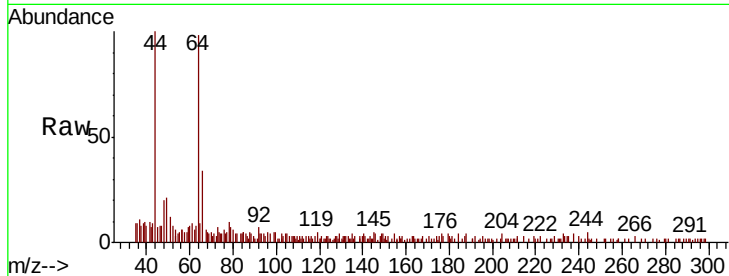
Ion Ratio Lower Upper

64 100

66 33.9 26.2 39.4

Manual Integrations
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2/11/2020 10:35:57 AM



#7

Trichlorofluoromethane

Concen: 0.965 ug/l

RT: 1.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VX014876.D

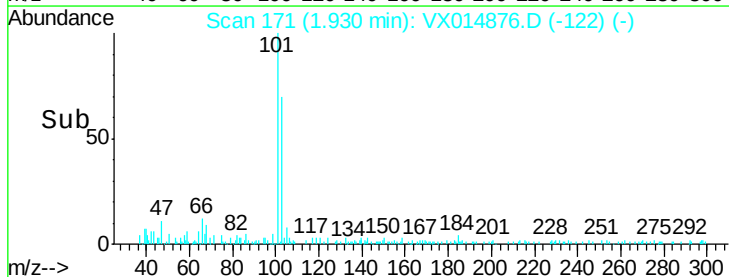
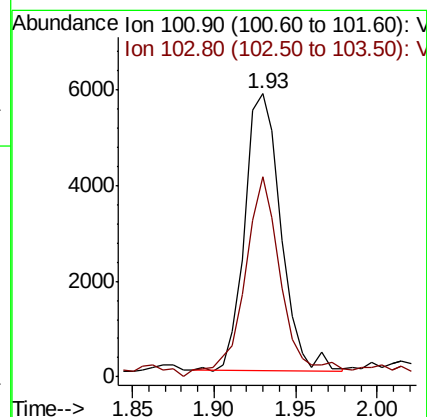
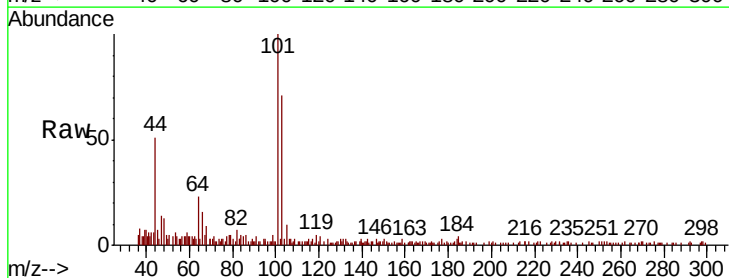
Acq: 10 Feb 2020 09:54

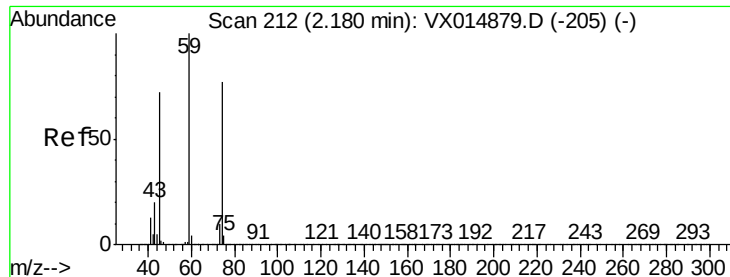
Tgt Ion: 101 Resp: 8929

Ion Ratio Lower Upper

101 100

103 70.6 52.2 78.4





#8

Diethyl Ether

Concen: 0.998 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 3860

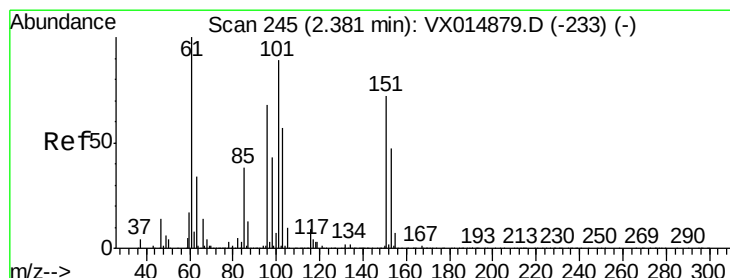
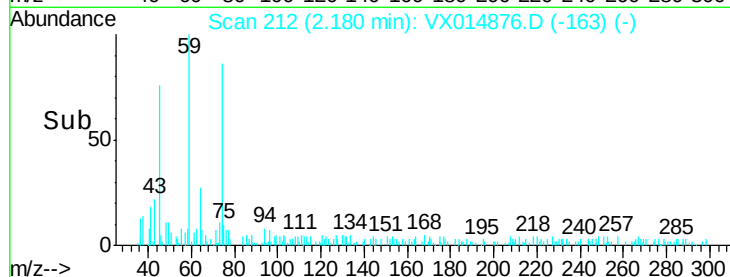
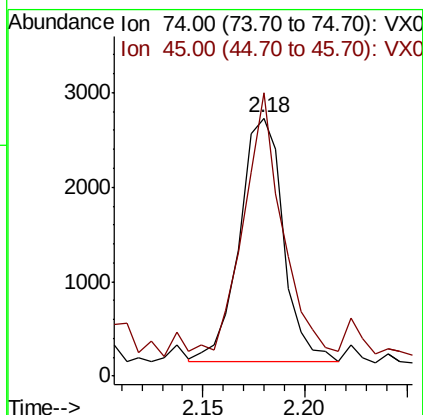
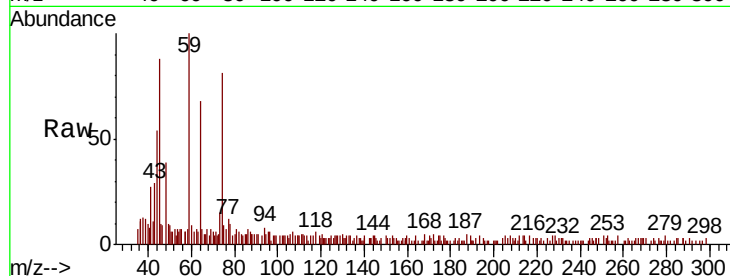
Ion Ratio Lower Upper

74 100

45 96.7 46.6 139.8

Manual Integrations
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2/11/2020 10:35:57 AM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.034 ug/l

RT: 2.39 min Scan# 246

Delta R.T. 0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

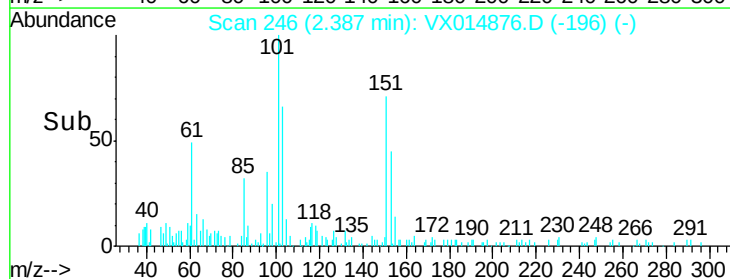
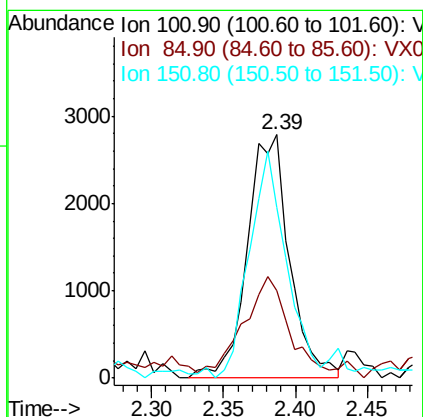
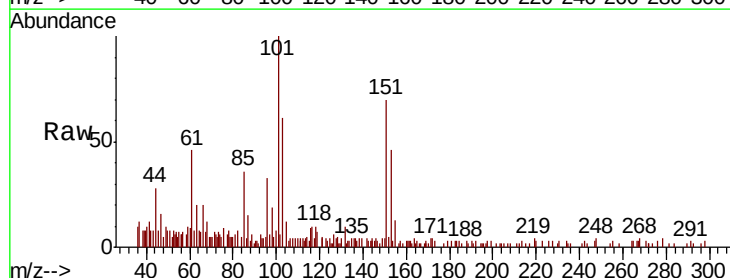
Tgt Ion: 101 Resp: 5651

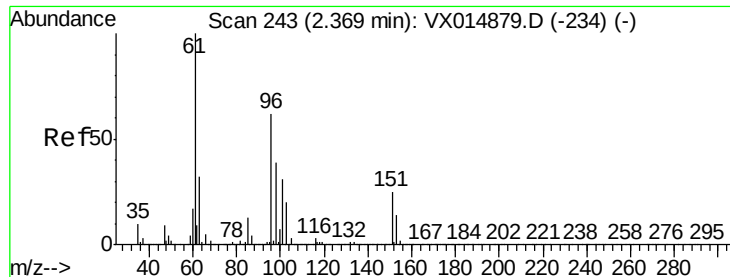
Ion Ratio Lower Upper

101 100

85 39.6 34.1 51.1

151 82.1 67.3 100.9





#12

1,1-Dichloroethene

Concen: 0.915 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

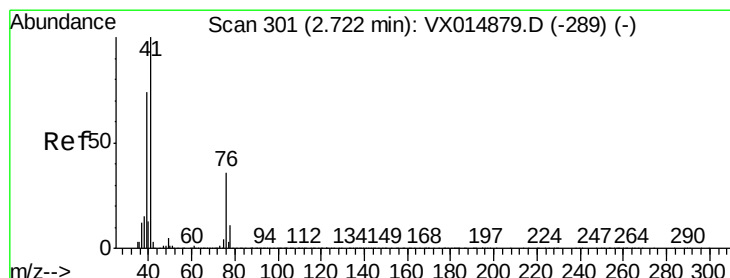
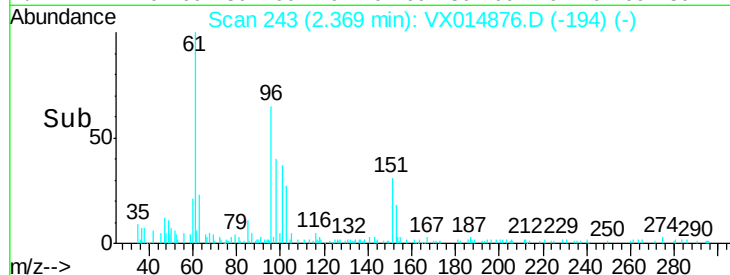
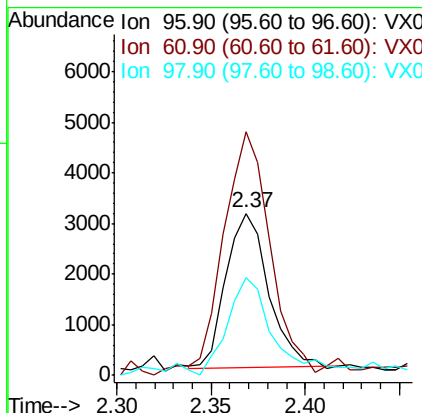
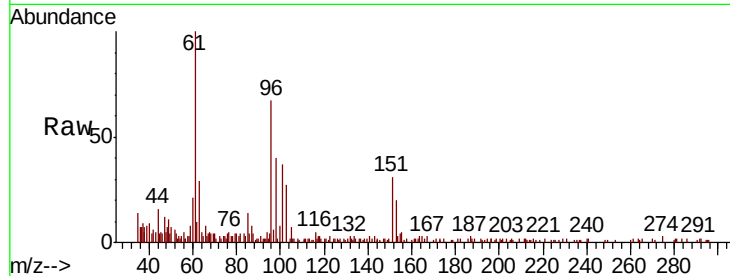
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	4776
Ion	Ratio	Lower	Upper
96	100		
61	152.7	129.5	194.3
98	60.0	50.6	76.0

Manual Integrations
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2/11/2020 10:35:57 AM



#14

Allyl chloride

Concen: 1.093 ug/l

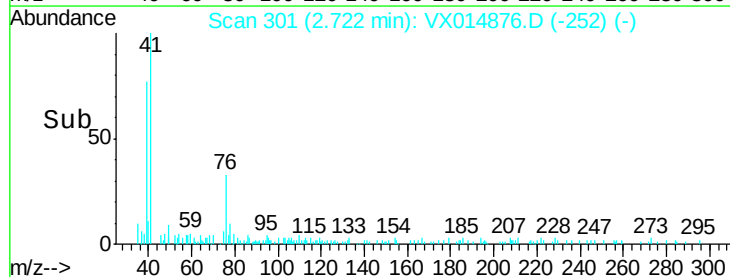
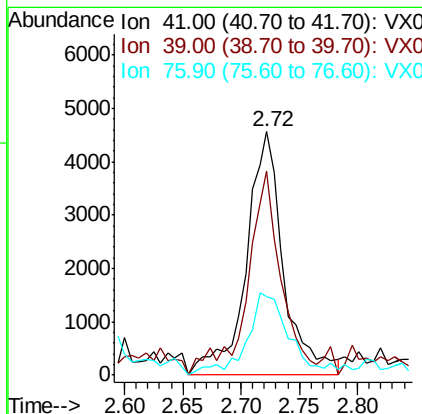
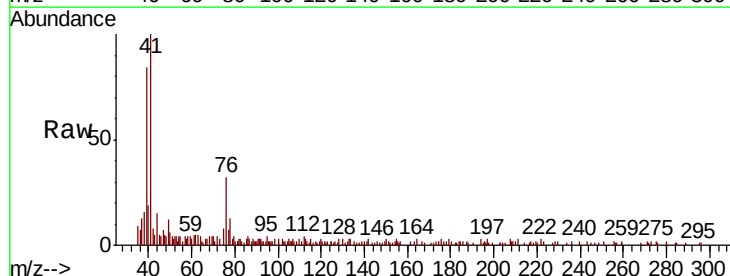
RT: 2.72 min Scan# 301

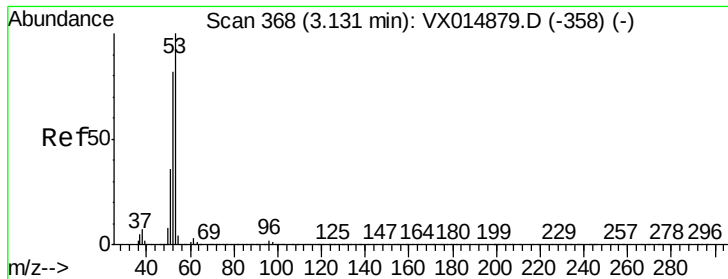
Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	41	Resp:	10203
Ion	Ratio	Lower	Upper
41	100		
39	65.4	55.2	82.8
76	37.4	26.8	40.2





#15

Acrylonitrile

Concen: 4.610 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

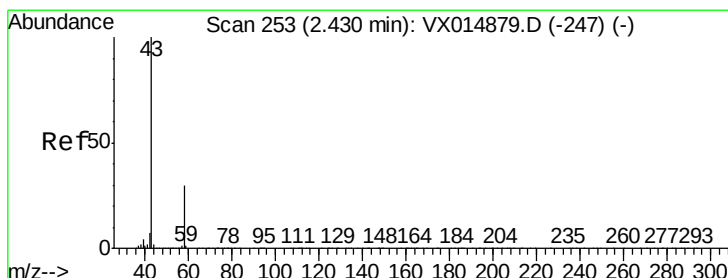
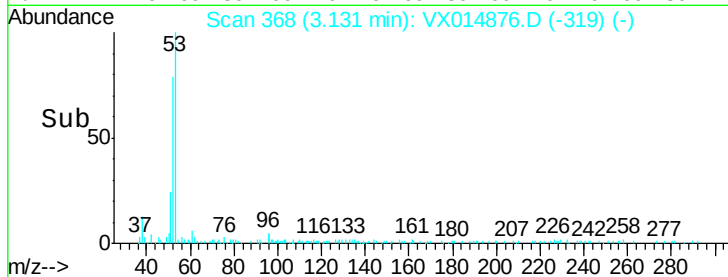
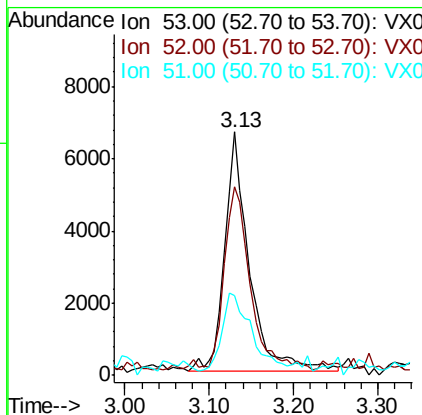
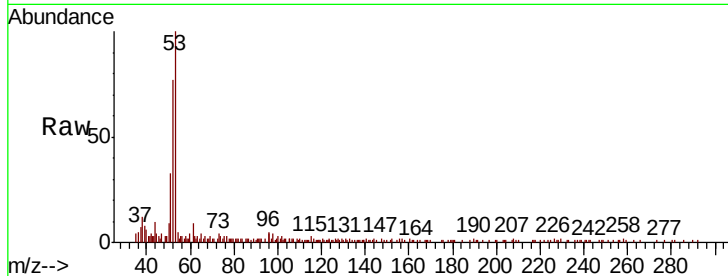
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	13236
Ion Ratio	Lower	Upper	
53	100		
52	80.8	65.8	98.6
51	38.4	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 6.176 ug/l

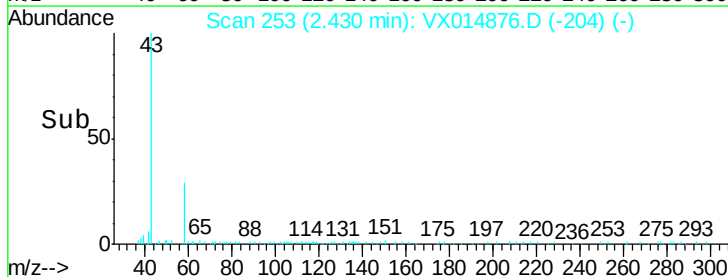
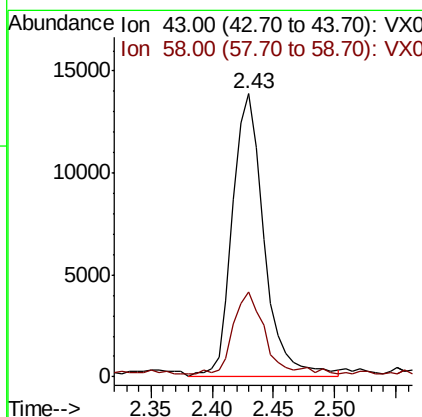
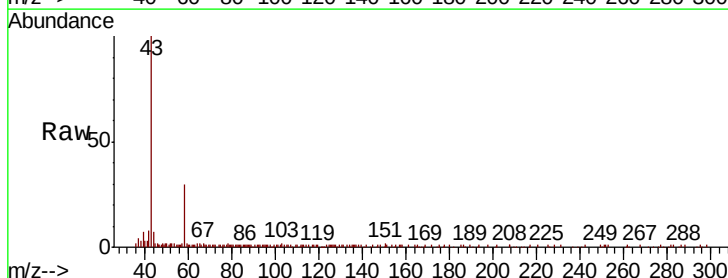
RT: 2.43 min Scan# 253

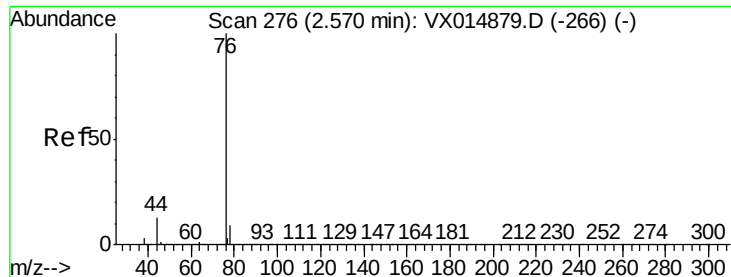
Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	43	Resp:	25047
Ion Ratio	Lower	Upper	
43	100		
58	28.8	24.1	36.1





#17

Carbon Disulfide

Concen: 0.982 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 14199

Ion Ratio Lower Upper

76 100

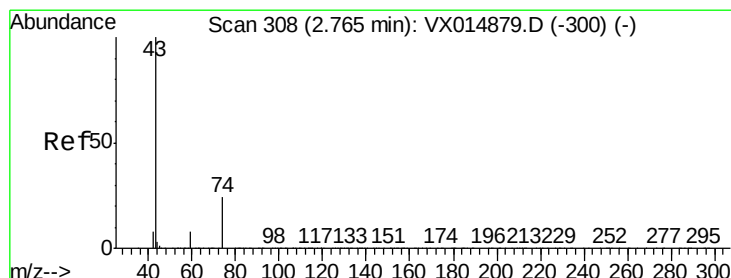
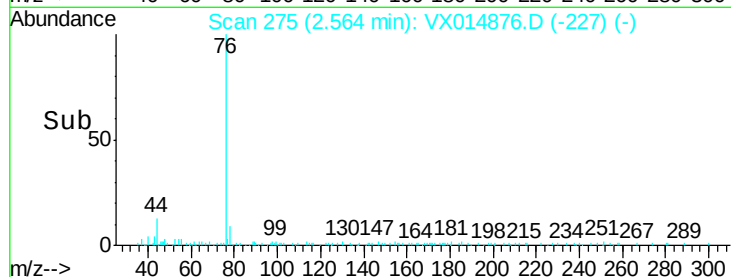
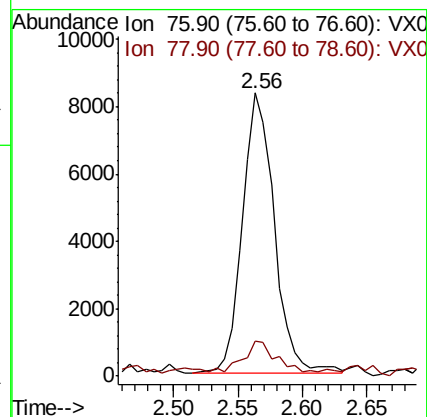
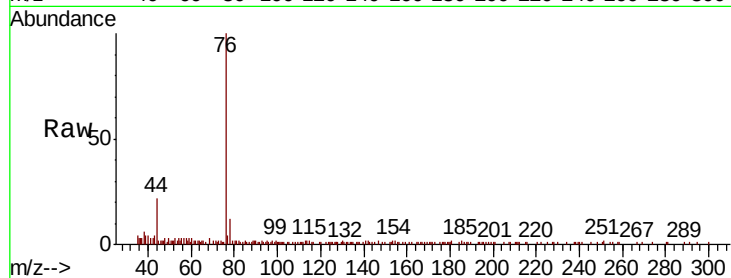
78 11.0 7.4 11.0

Manual Integrations

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MMDadoda

2/11/2020 10:35:57 AM



#18

Methyl Acetate

Concen: 0.922 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014876.D

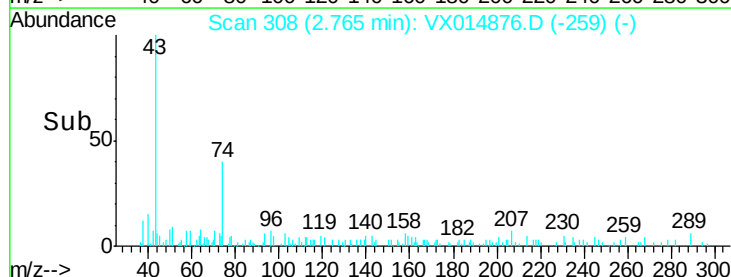
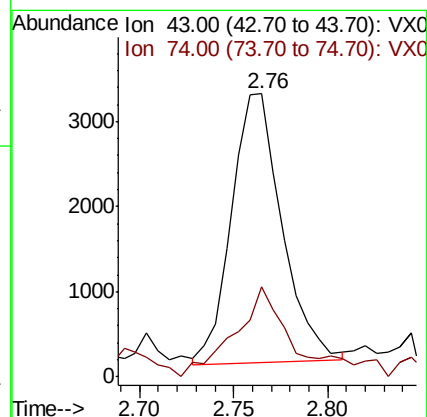
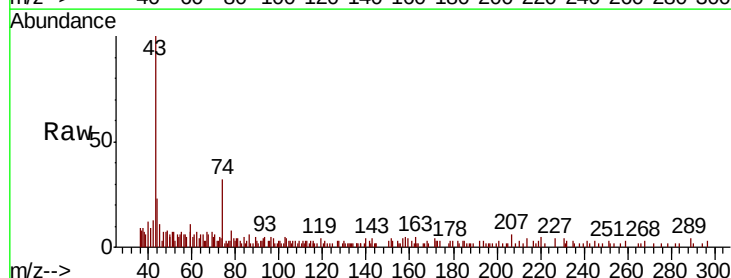
Acq: 10 Feb 2020 09:54

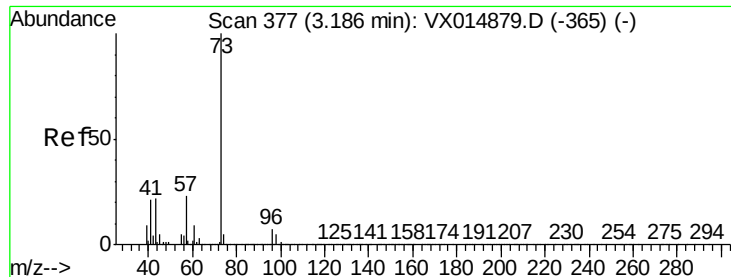
Tgt Ion: 43 Resp: 5907

Ion Ratio Lower Upper

43 100

74 39.6 19.4 29.0#





#19

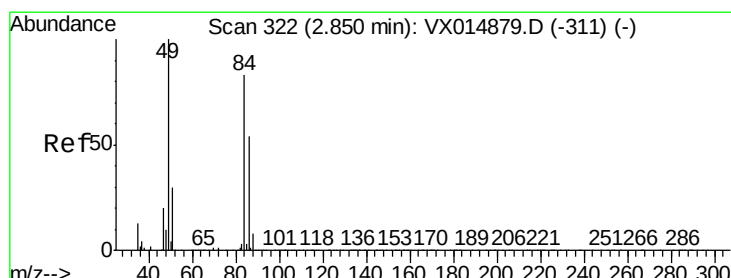
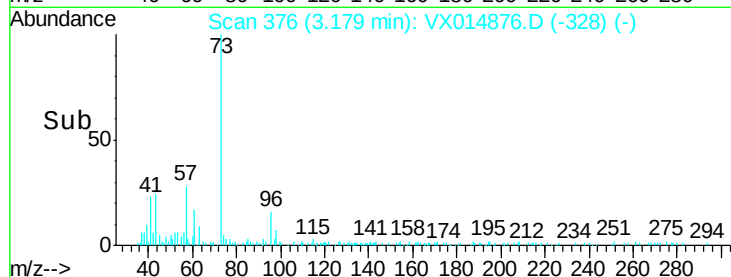
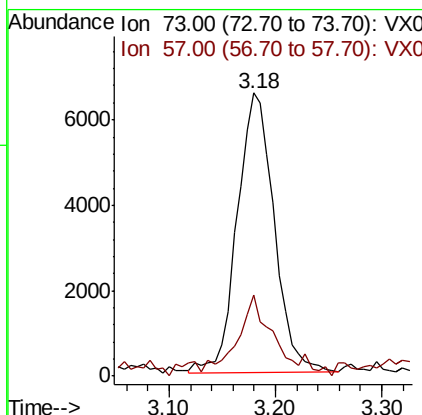
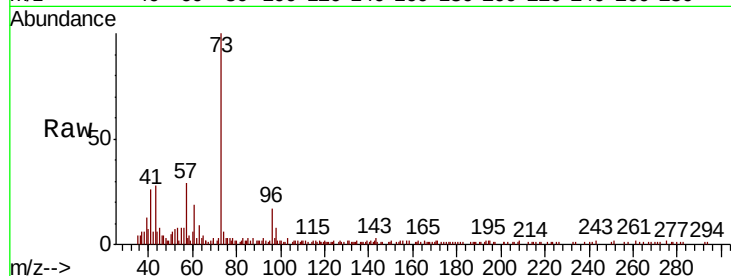
Methyl tert-butyl Ether
 Concen: 0.949 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.4	18.2	27.4

Manual Integrations
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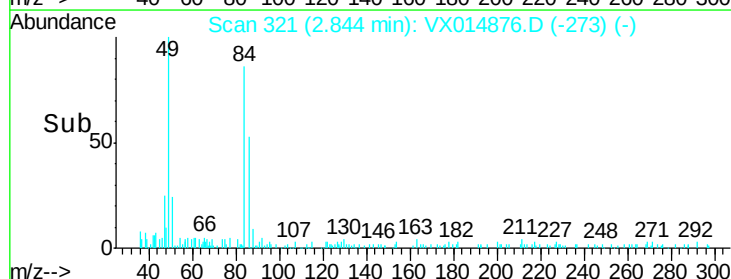
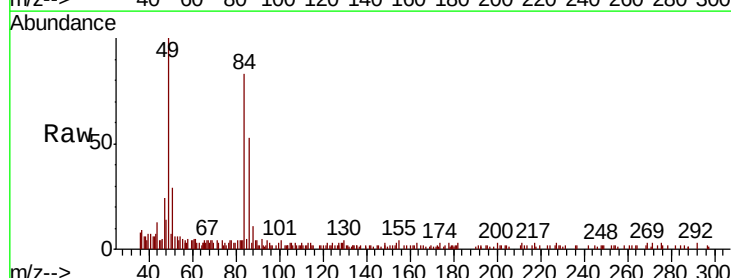
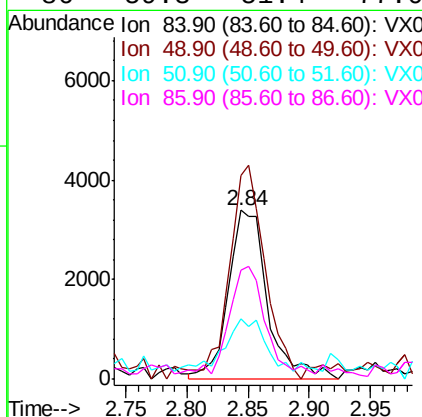
MMDadoda
 2/11/2020 10:35:57 AM

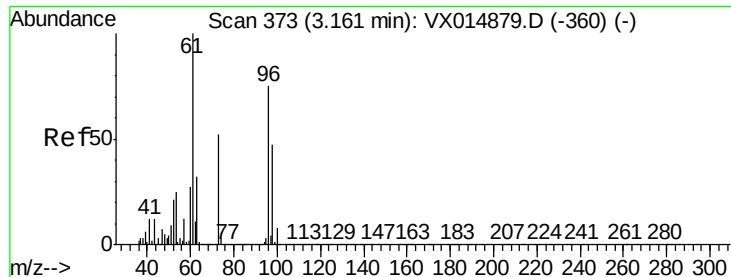


#20

Methylene Chloride
 Concen: 1.171 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.4	95.6	143.4
51	27.6	29.0	43.6
86	59.3	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 0.978 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

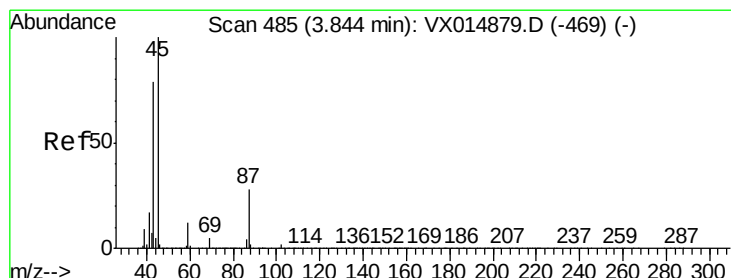
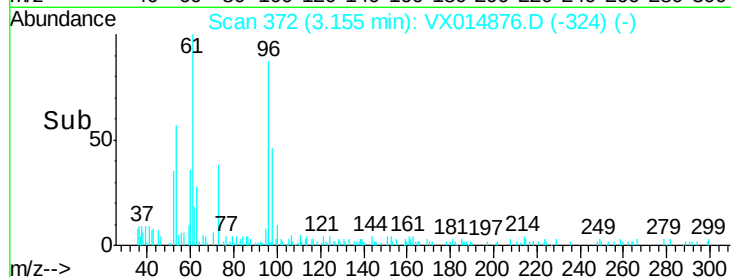
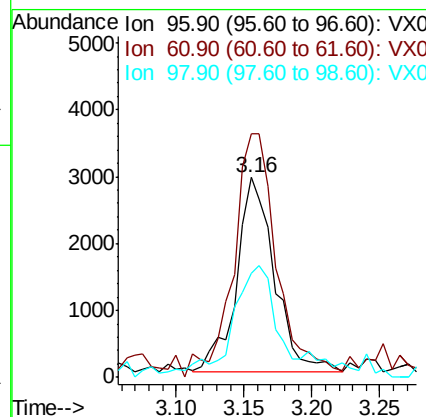
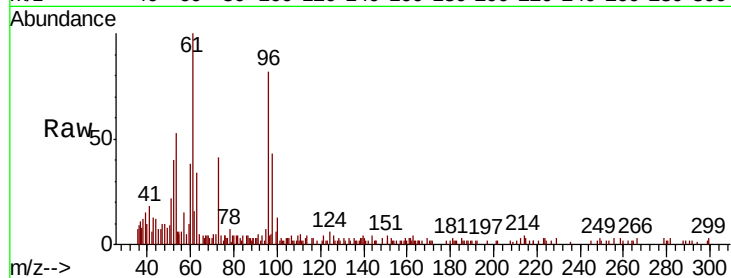
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	5689
Ion	Ratio	Lower	Upper
96	100		
61	121.5	106.9	160.3
98	47.2	50.7	76.1#

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.920 ug/l

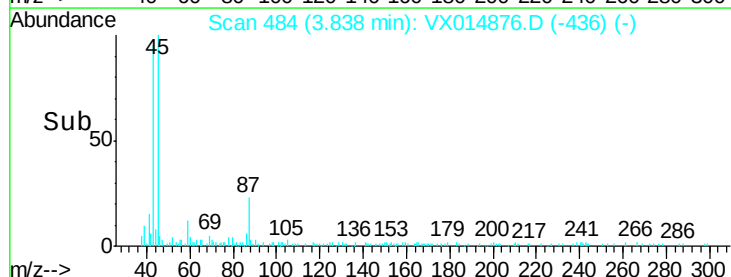
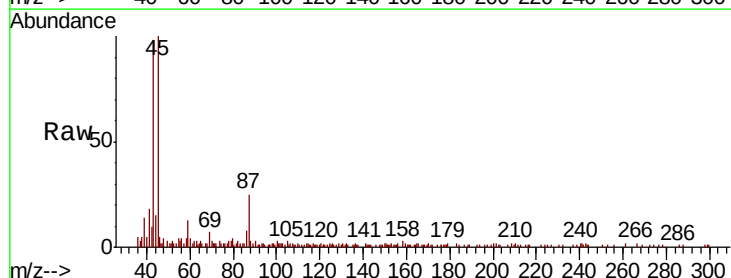
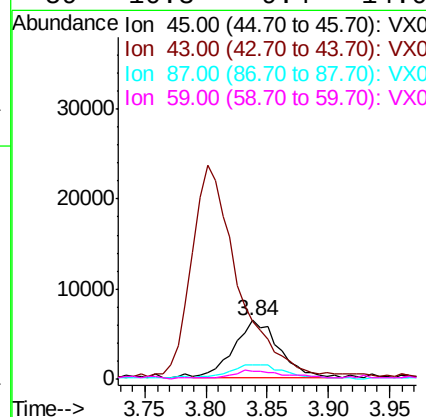
RT: 3.84 min Scan# 484

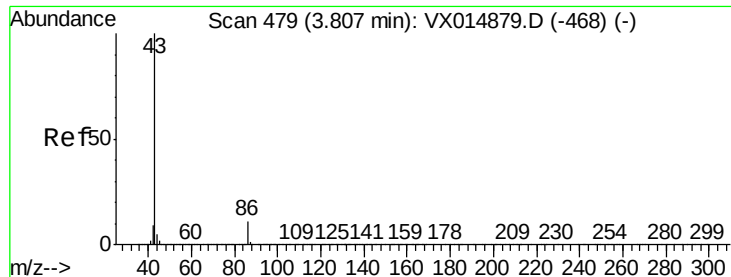
Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	45	Resp:	16281
Ion	Ratio	Lower	Upper
45	100		
43	92.1	63.5	95.3
87	22.2	22.2	33.4#
59	10.3	9.4	14.0





#23

Vinyl Acetate

Concen: 4.339 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 63567

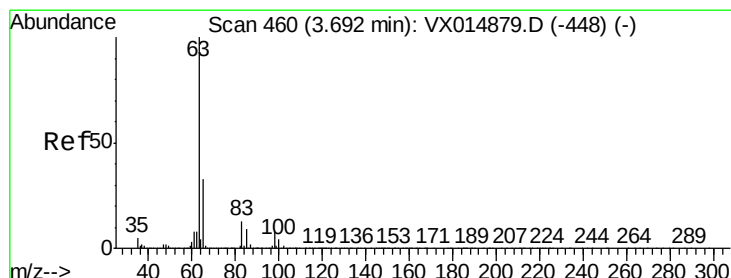
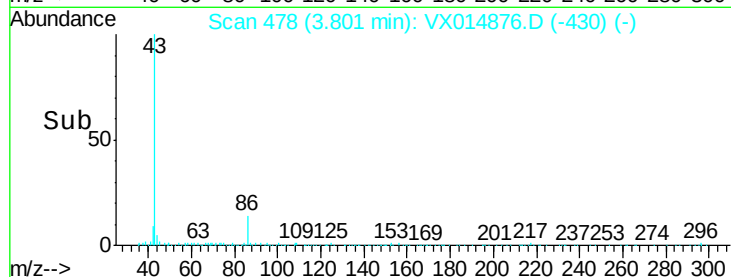
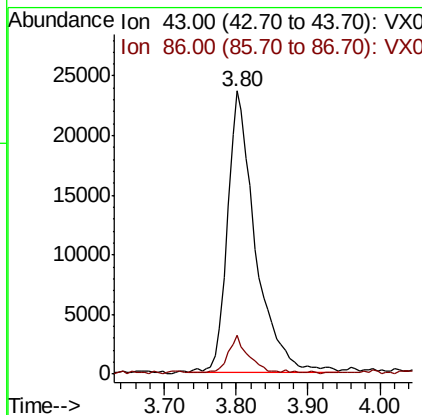
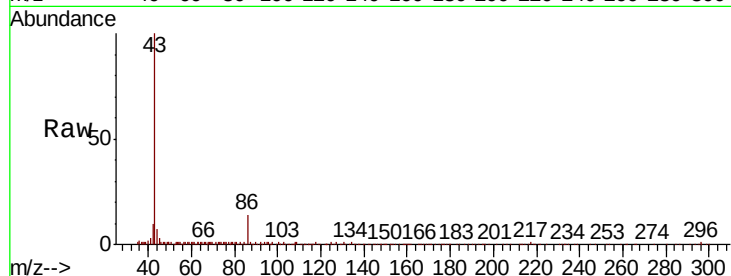
Ion Ratio Lower Upper

43 100

86 13.1 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 0.954 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

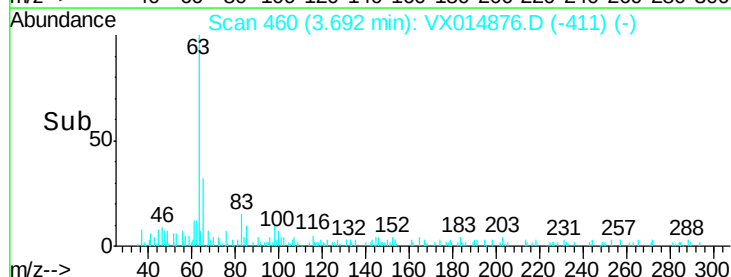
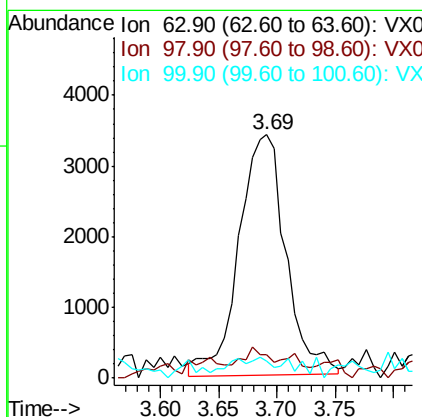
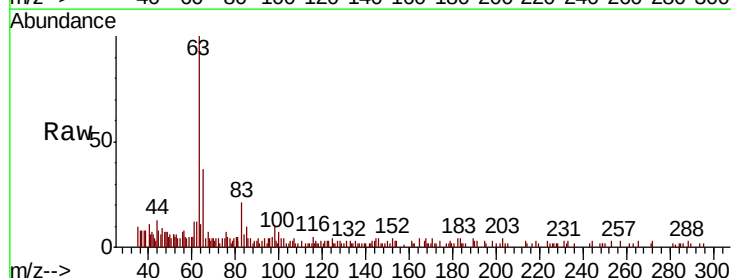
Tgt Ion: 63 Resp: 9586

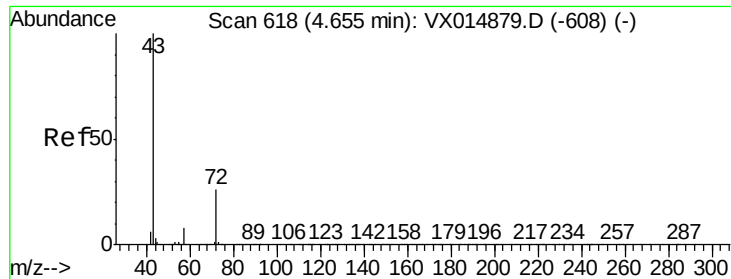
Ion Ratio Lower Upper

63 100

98 2.5 3.9 11.5#

100 1.9 2.2 6.6#





#25

2-Butanone

Concen: 4.641 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 20379

Ion Ratio Lower Upper

43 100

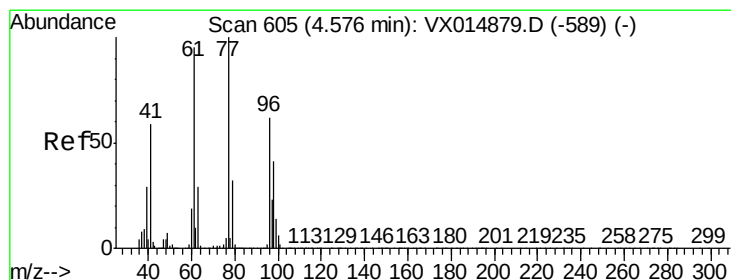
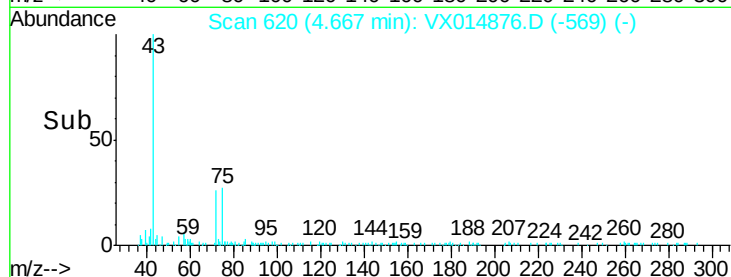
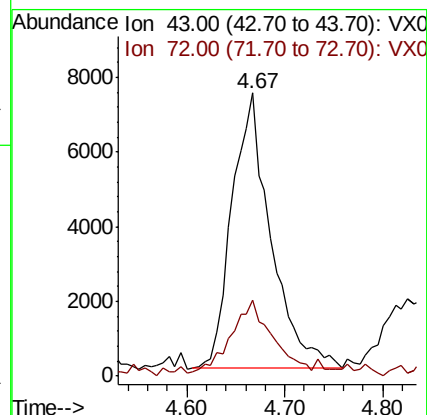
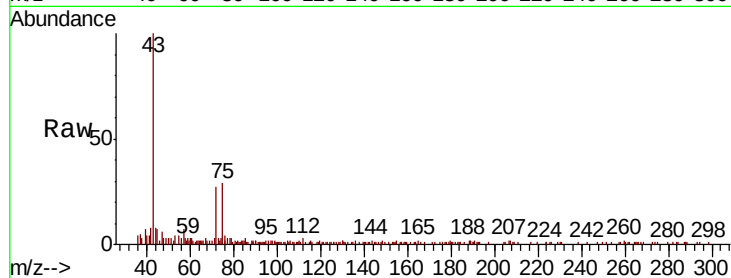
72 25.9 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 1.005 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014876.D

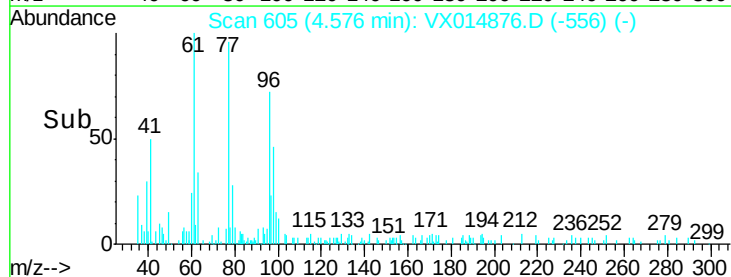
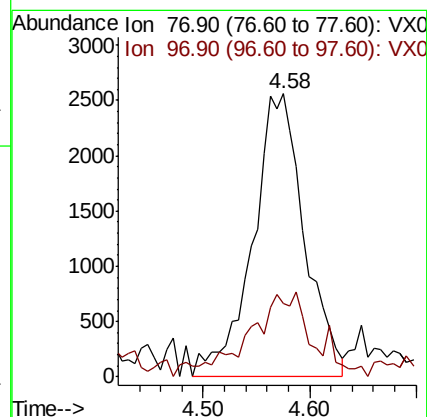
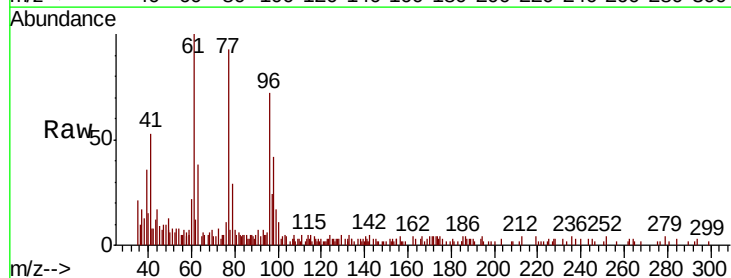
Acq: 10 Feb 2020 09:54

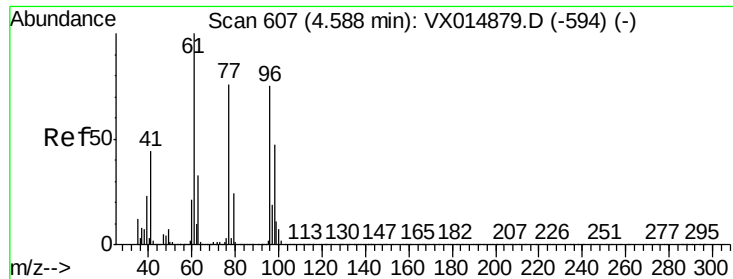
Tgt Ion: 77 Resp: 8707

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.5





#27

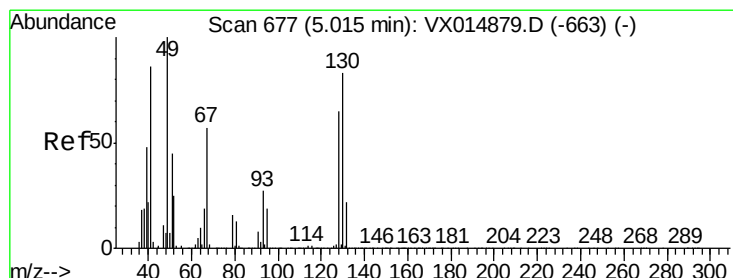
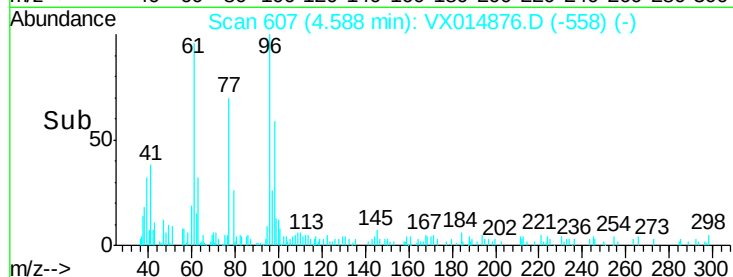
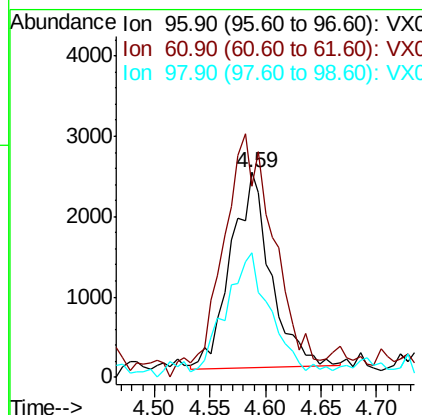
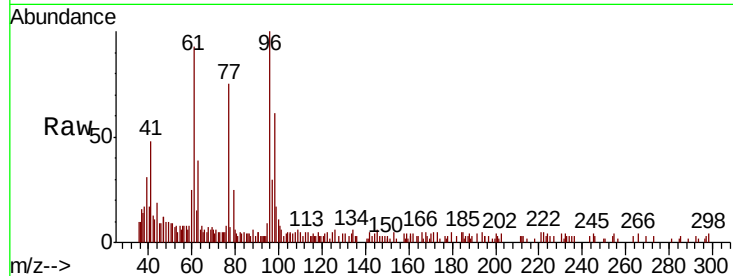
cis-1,2-Dichloroethene
Concen: 0.949 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	160.3	0.0	286.2
98	64.8	0.0	131.0

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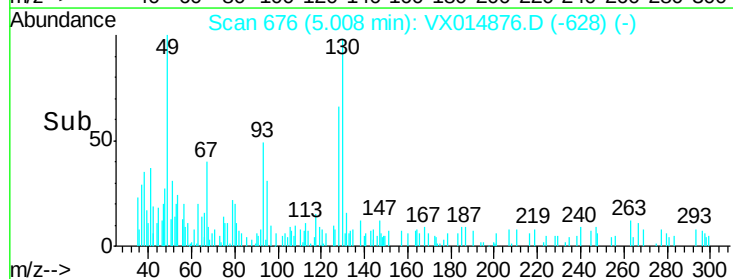
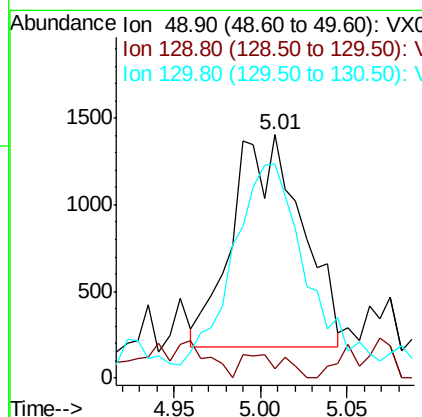
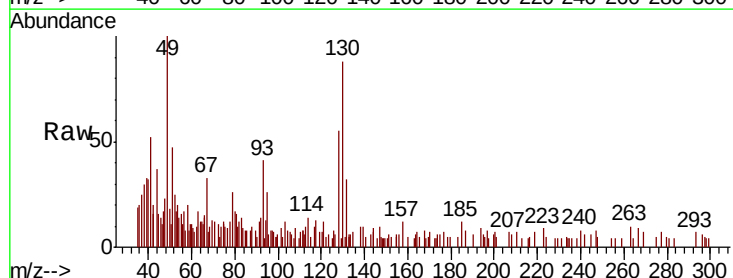
MMDadoda
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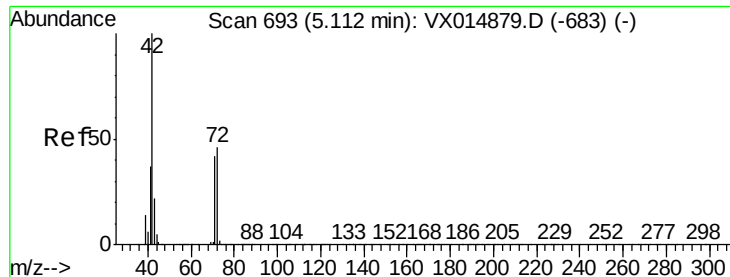


#28

Bromochloromethane
Concen: 1.009 ug/l m
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	7.0	0.0	5.2#
130	102.9	67.4	101.2#





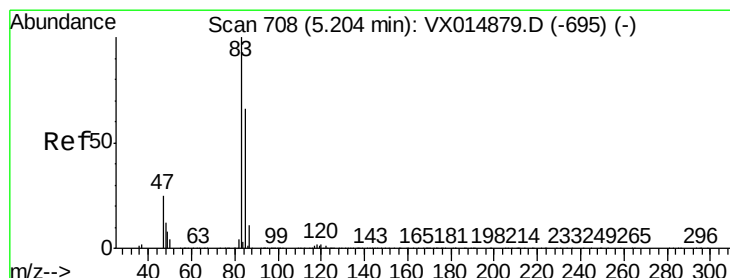
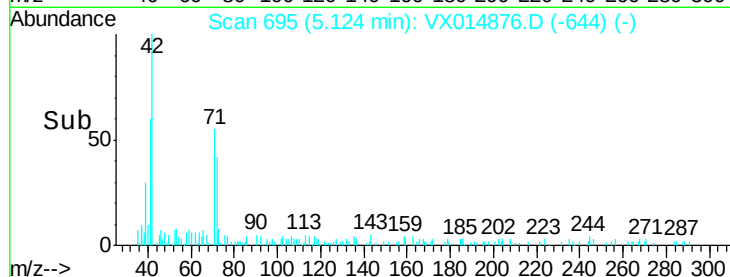
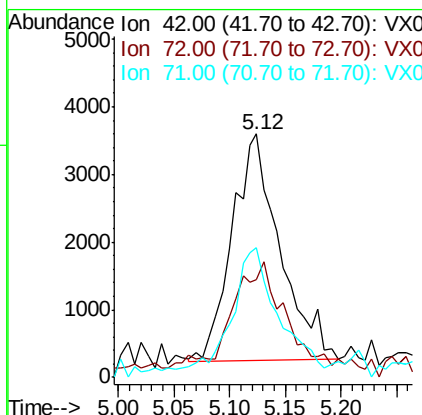
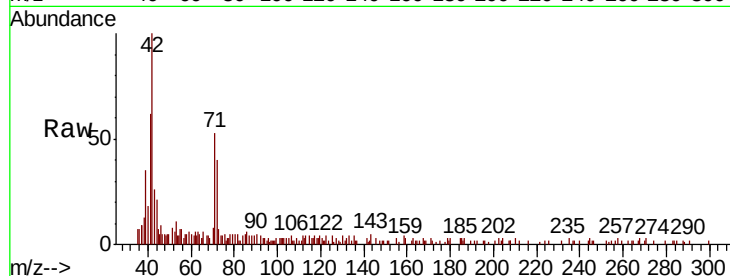
#29
Tetrahydrofuran
Concen: 4.104 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	36.9	55.3
71	50.9	34.1	51.1

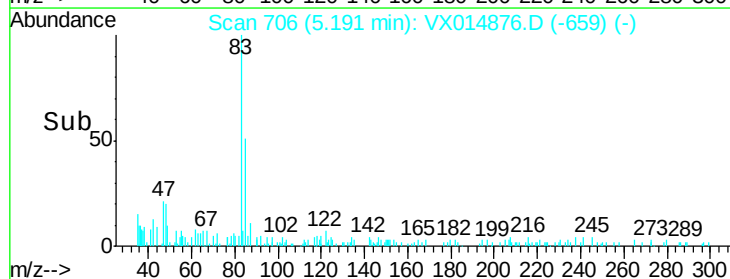
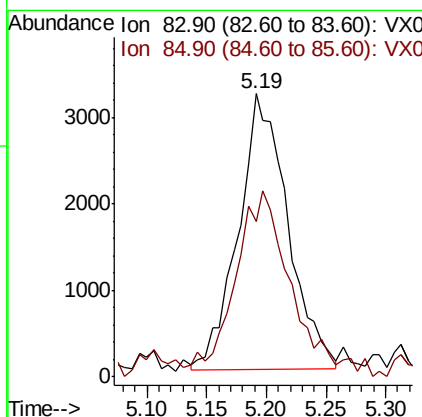
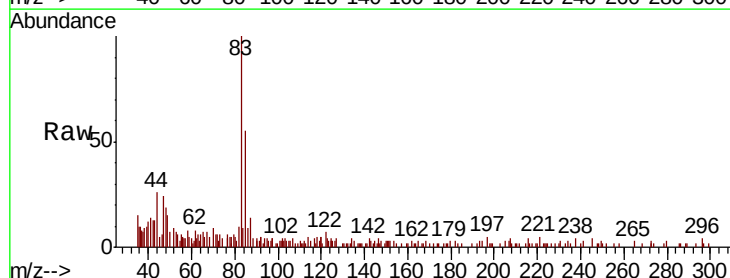
Manual Integrations
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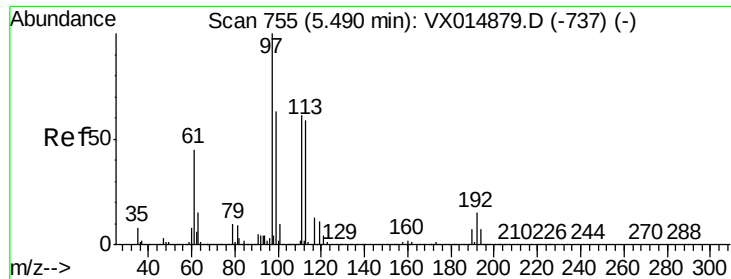
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2/11/2020 10:35:57 AM



#30
Chloroform
Concen: 0.923 ug/l m
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.9	52.9	79.3





#32

1,1,1-Trichloroethane

Concen: 0.936 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

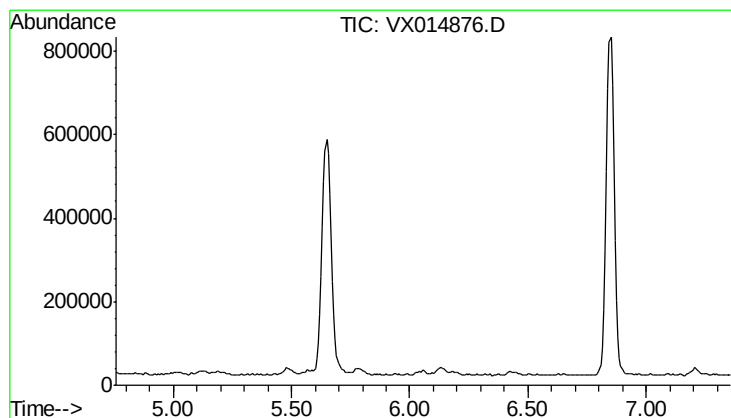
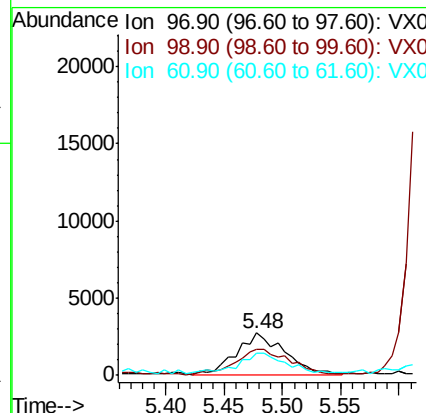
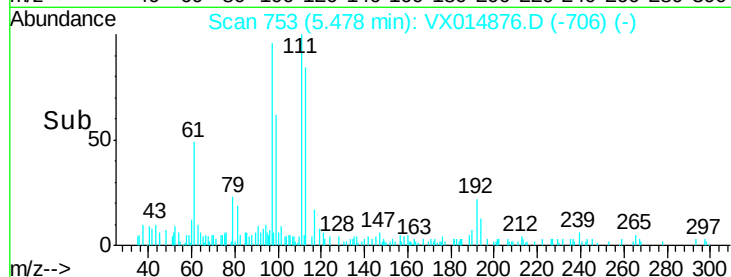
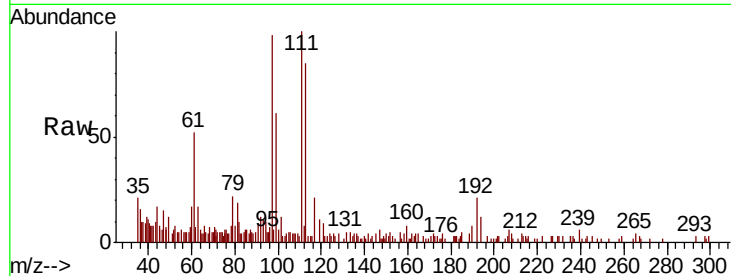
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	8082
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.0	76.6#
61	51.0	36.3	54.5

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2/11/2020 10:35:57 AM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX014876.D

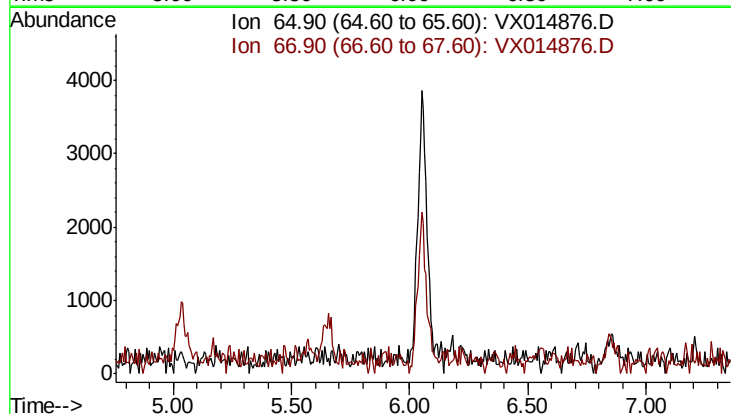
Acq: 10 Feb 2020 09:54

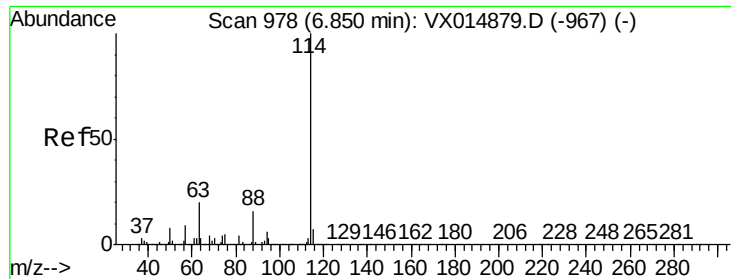
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.5





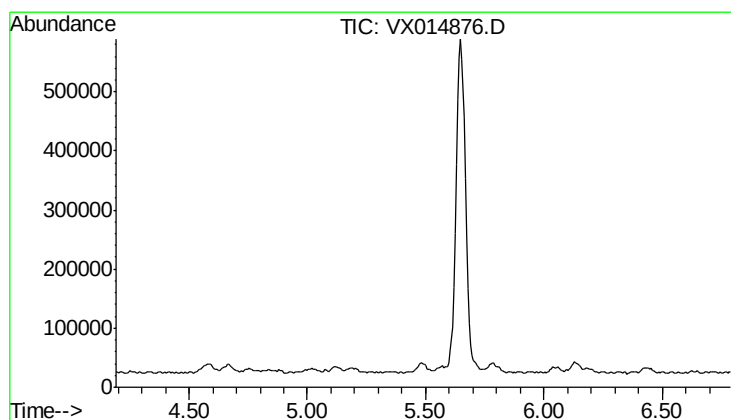
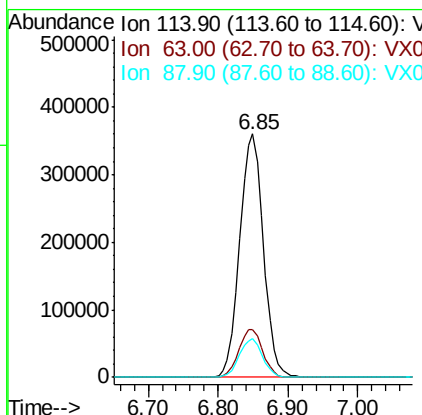
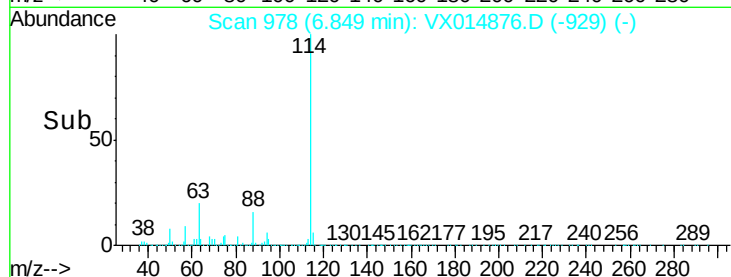
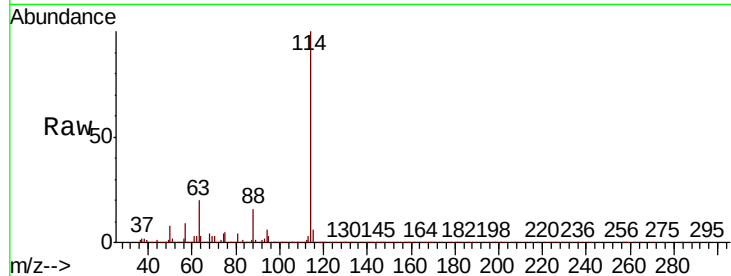
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.5	0.0	39.2
88	15.9	0.0	32.0

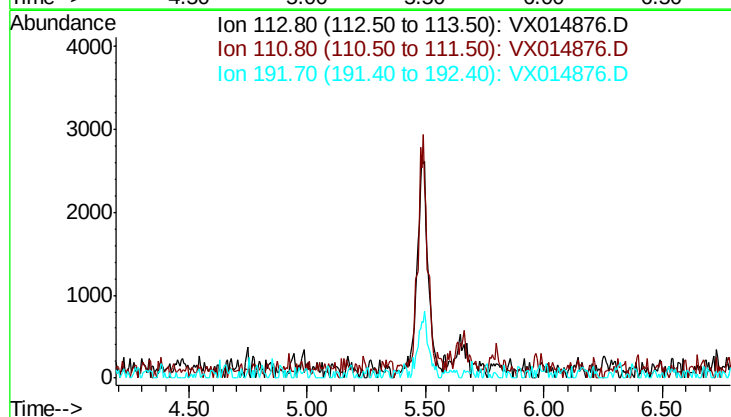
Manual Integrations
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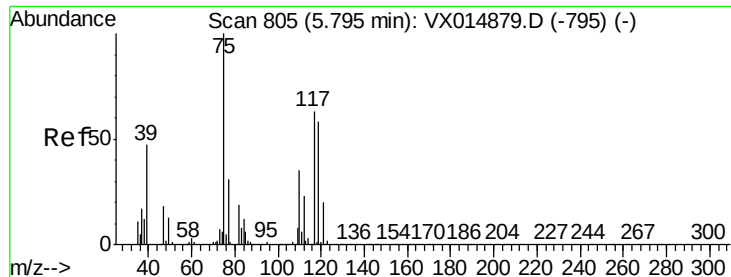
MMDadoda
2/11/2020 10:35:57 AM



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.49 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Exp Ratio
113	100
111	103.0
192	23.9





#36

1,1-Dichloropropene

Concen: 0.935 ug/l

RT: 5.79 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

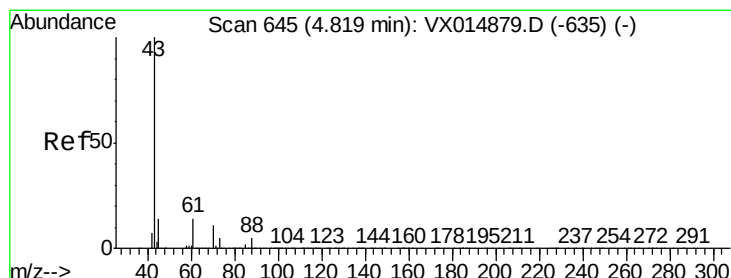
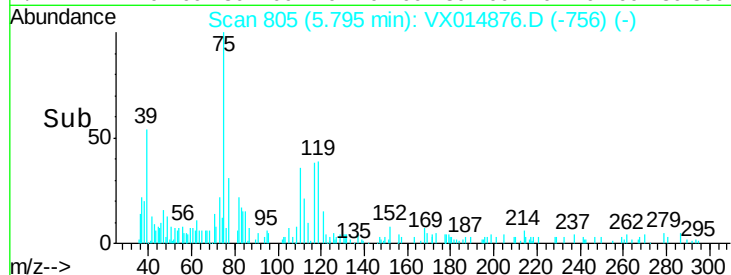
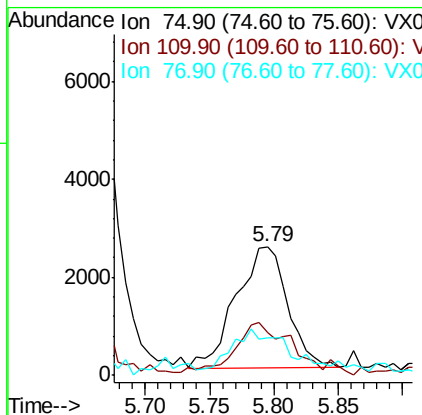
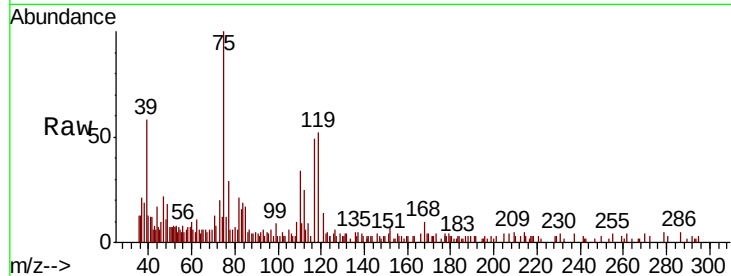
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	6956
Ion	Ratio	Lower	Upper
75	100		
110	42.8	18.3	54.8
77	33.6	24.6	36.8

Manual Integrations
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#37

Ethyl Acetate

Concen: 0.919 ug/l

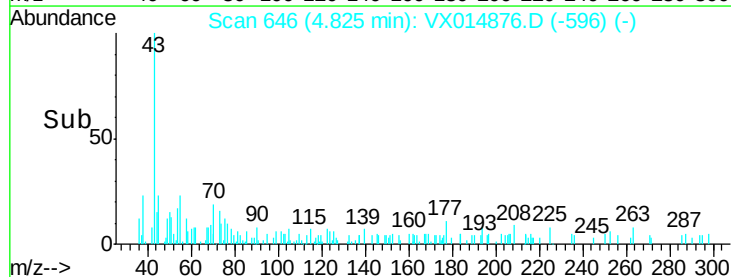
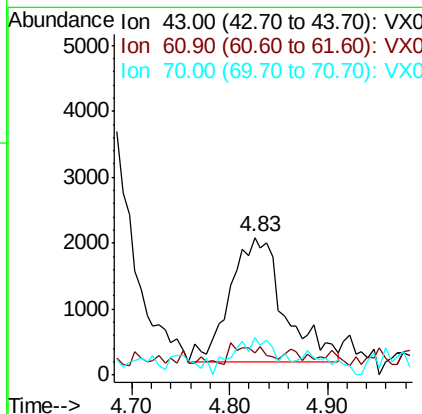
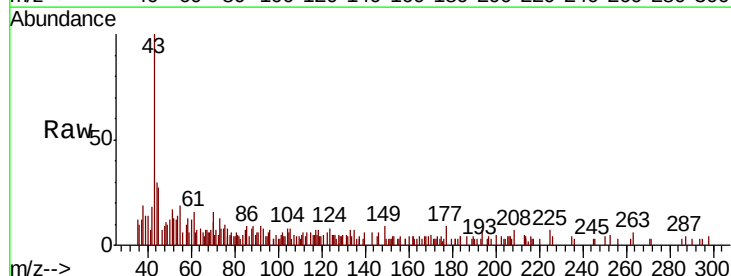
RT: 4.83 min Scan# 646

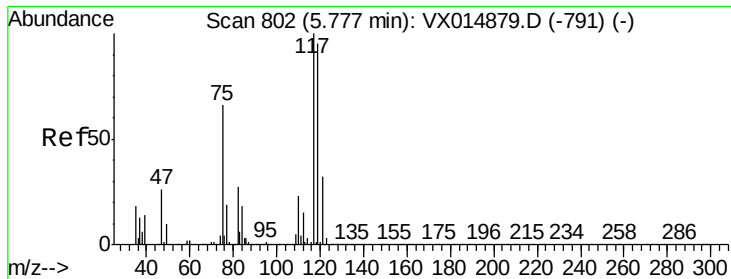
Delta R.T. 0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	43	Resp:	7144
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	10.5	8.7	13.1





#38

Carbon Tetrachloride

Concen: 0.871 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

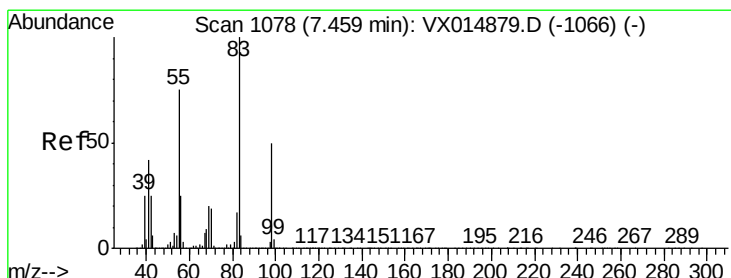
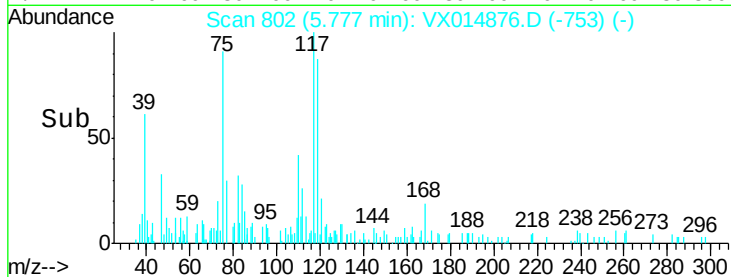
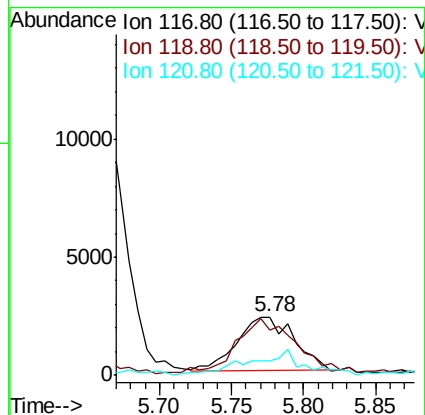
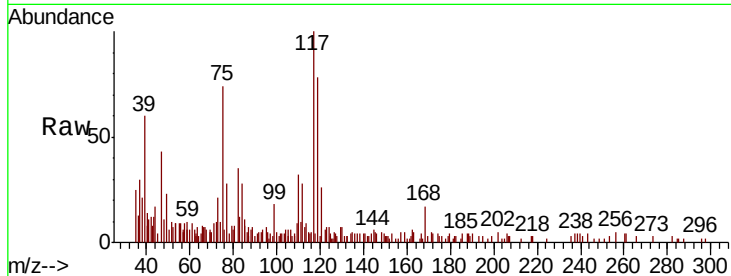
ClientSampled :

VSTDIC001

Tot Ion:	117	Resp:	6267
Ion Ratio	Lower	Upper	
117	100		
119	76.2	76.0	114.0
121	21.5	25.4	38.2#

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.008 ug/l

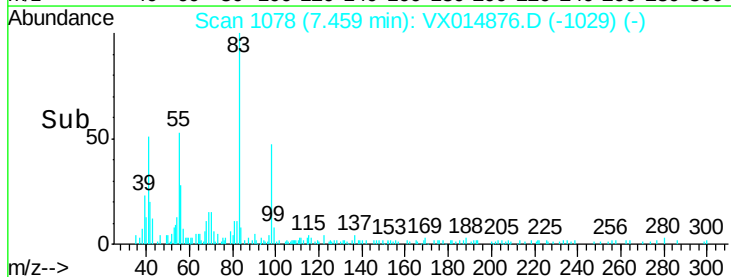
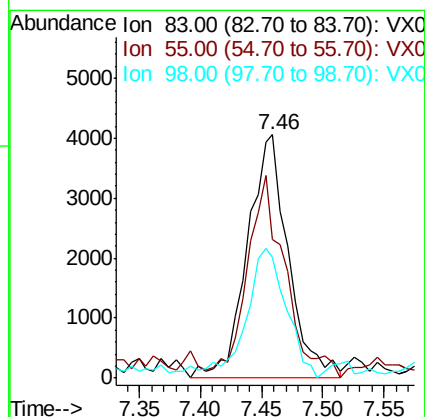
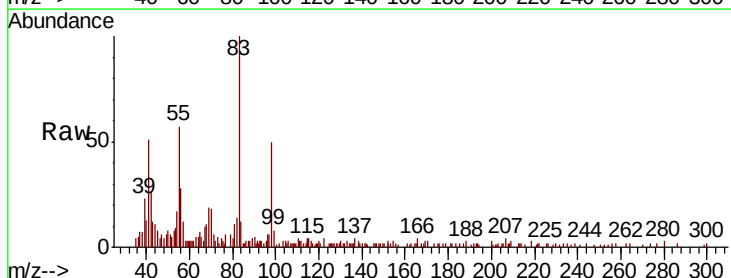
RT: 7.46 min Scan# 1078

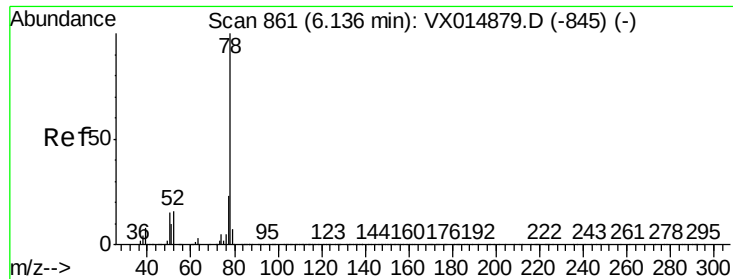
Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	83	Resp:	9460
Ion Ratio	Lower	Upper	
83	100		
55	57.0	60.0	90.0#
98	45.0	39.6	59.4





#40

Benzene

Concen: 0.941 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 21185

Ion Ratio Lower Upper

78 100

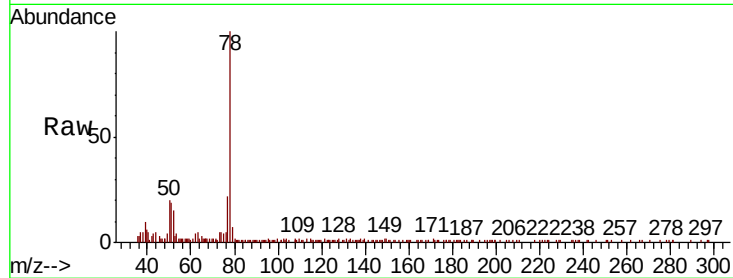
77 21.2 18.8 28.2

Manual Integrations

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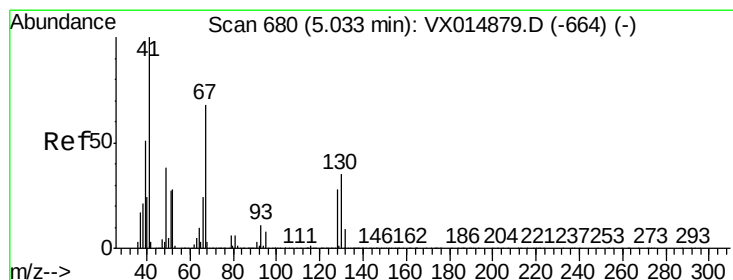
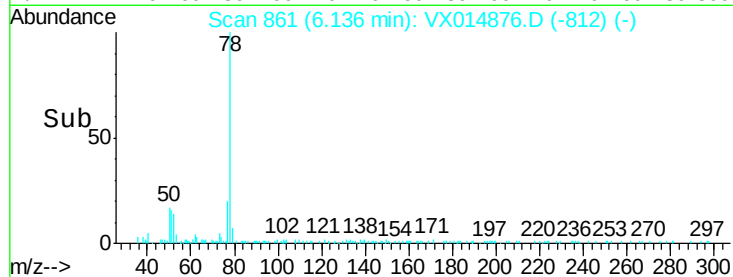
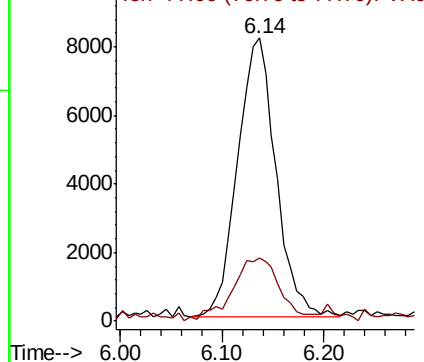
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.800 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion: 41 Resp: 3281

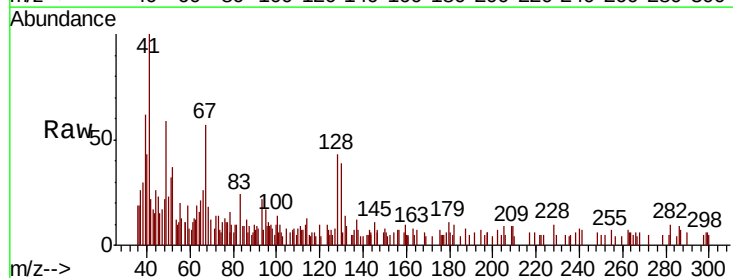
Ion Ratio Lower Upper

41 100

39 21.6 44.7 67.1#

67 68.8 56.6 84.8

52 22.3 22.3 33.5

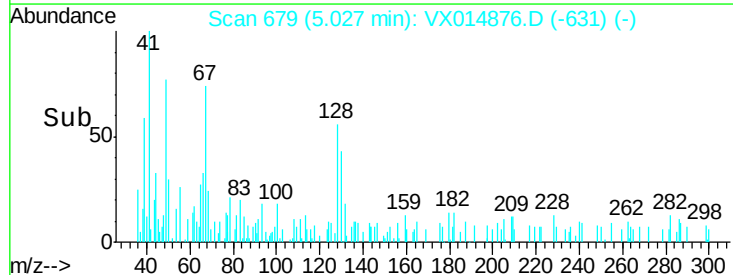
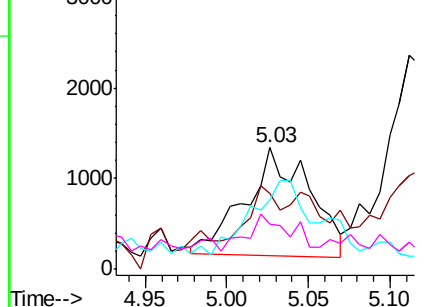


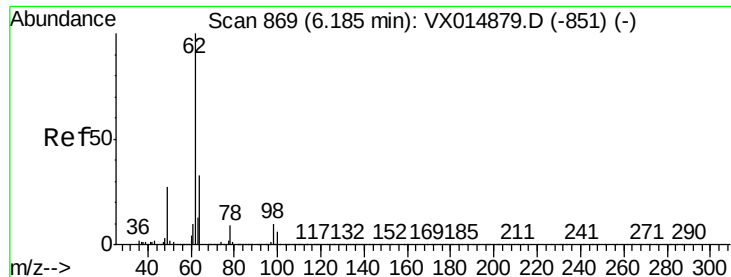
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





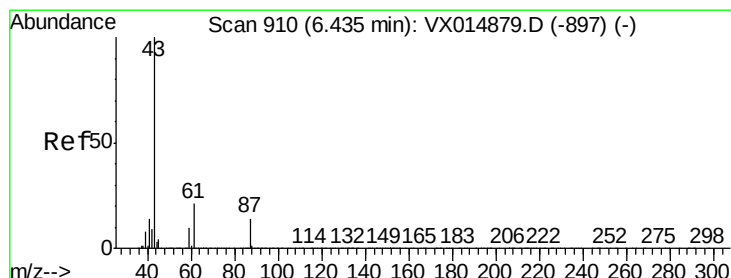
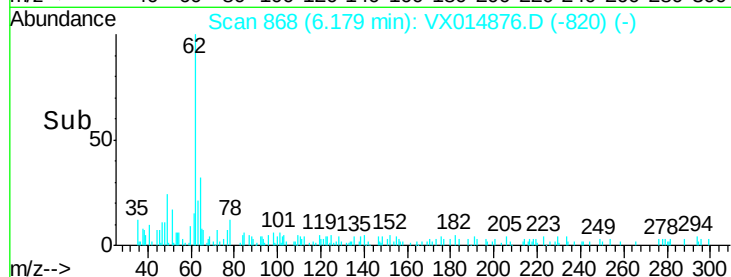
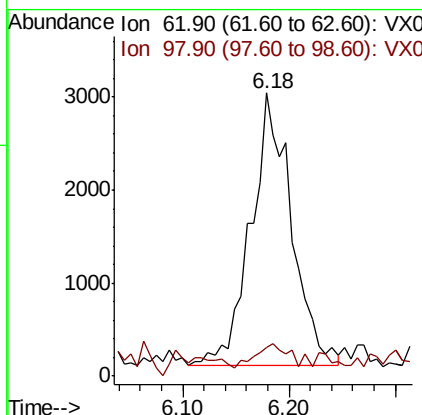
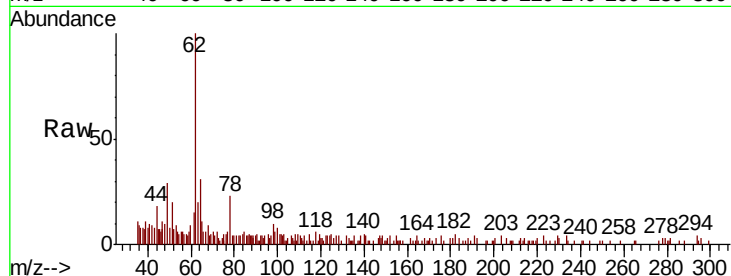
#42
1,2-Dichloroethane
Concen: 0.955 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	7840		
98	7.2	0.0	19.2	

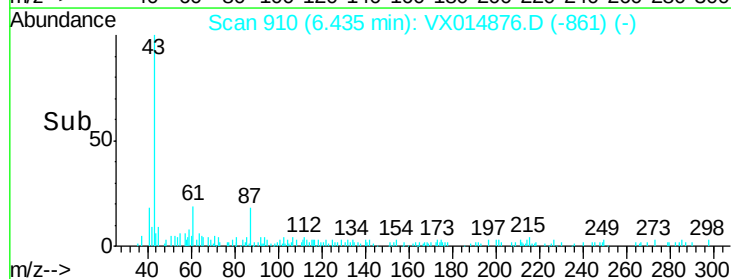
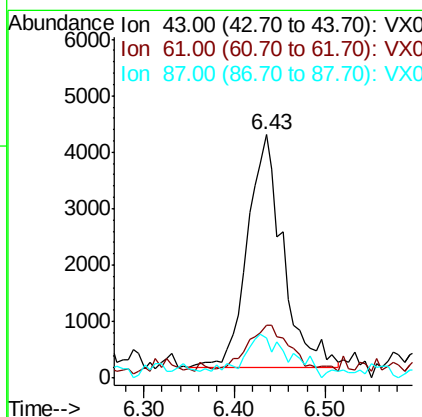
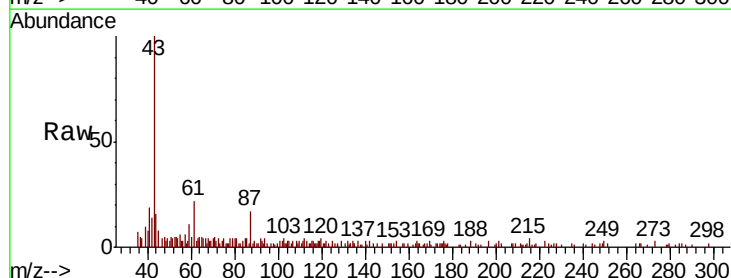
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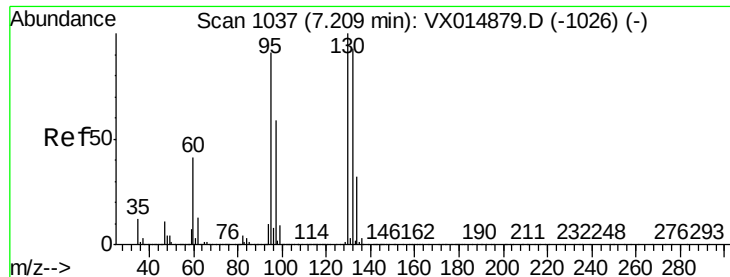
MMDadoda
2/11/2020 10:35:57 AM



#43
Isopropyl Acetate
Concen: 0.890 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	11269		
61	24.8	16.2	24.4#	
87	25.4	11.0	16.6#	





#44

Trichloroethene

Concen: 0.990 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 6464

Ion Ratio Lower Upper

130 100

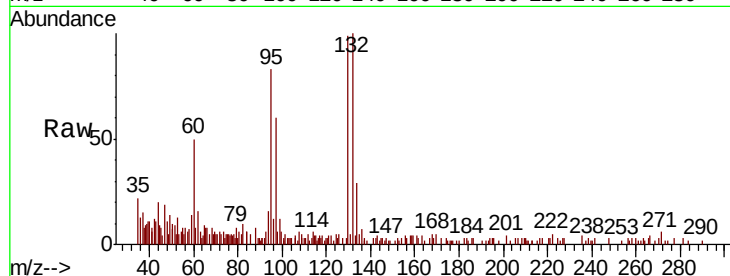
95 79.0 0.0 182.6

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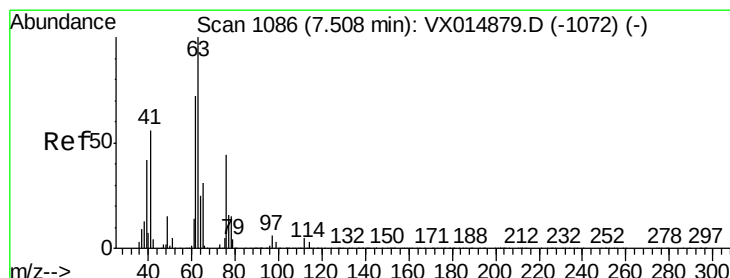
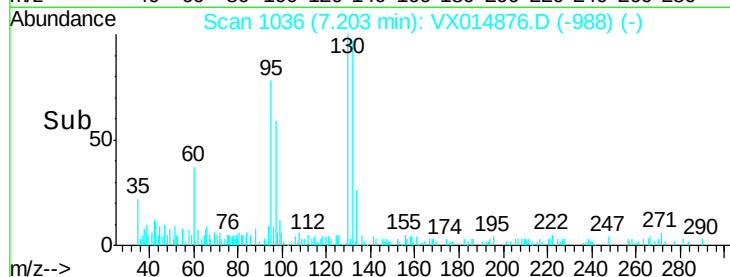
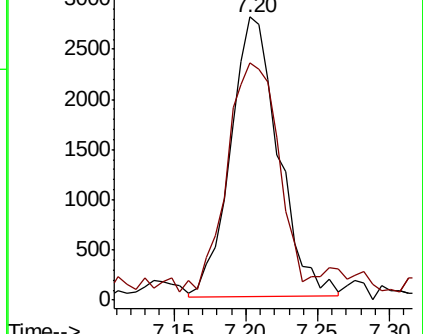
MMDadoda

2/11/2020 10:35:57 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.901 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014876.D

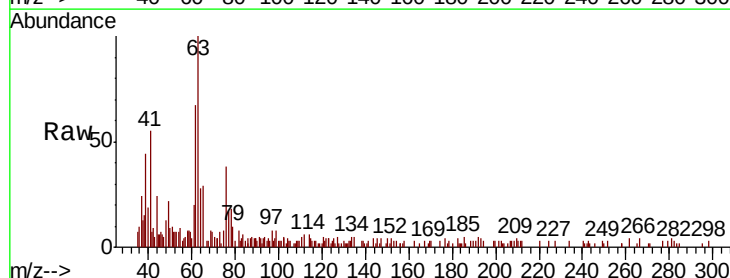
Acq: 10 Feb 2020 09:54

Tgt Ion: 63 Resp: 5156

Ion Ratio Lower Upper

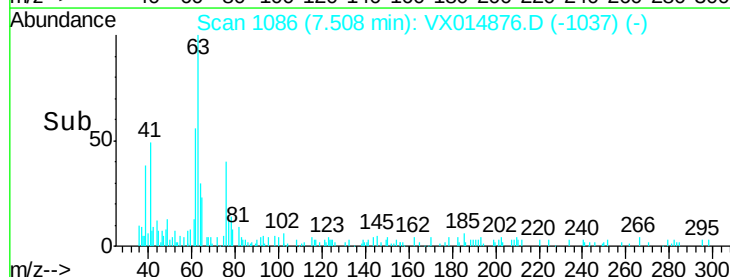
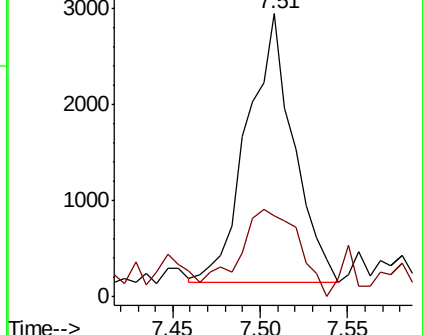
63 100

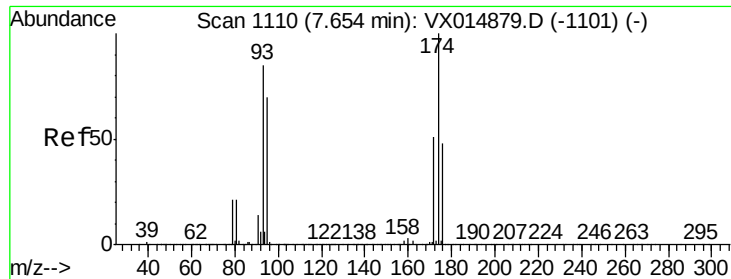
65 23.2 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.007 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

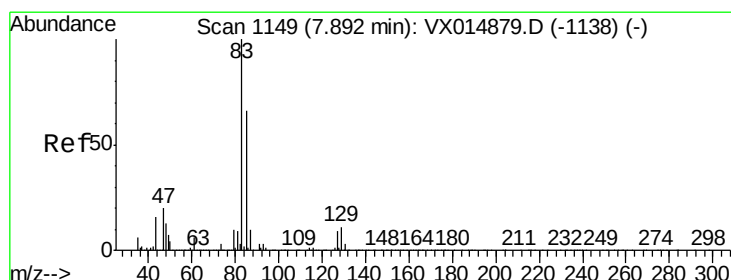
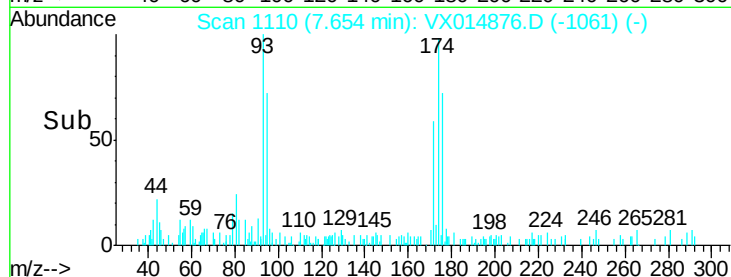
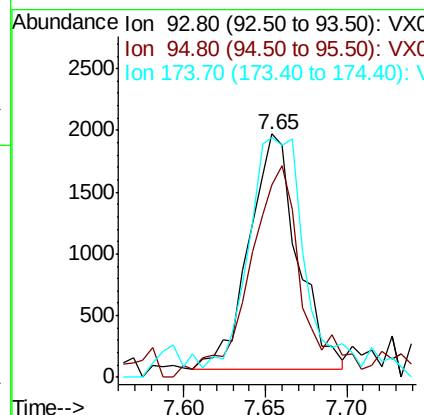
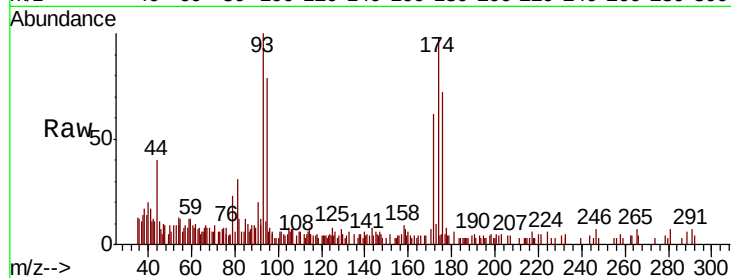
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	3956
Ion	Ratio	Lower	Upper
93	100		
95	97.6	65.8	98.8
174	114.7	95.4	143.2

Manual Integrations
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#47

Bromodichloromethane

Concen: 0.990 ug/l

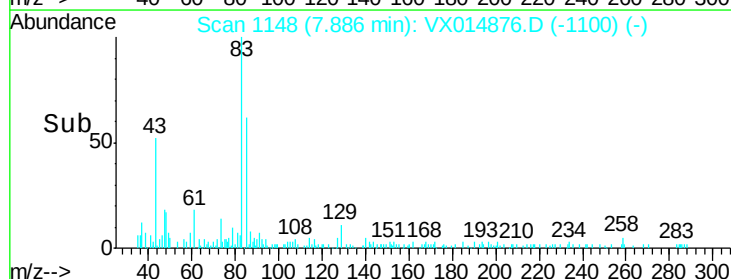
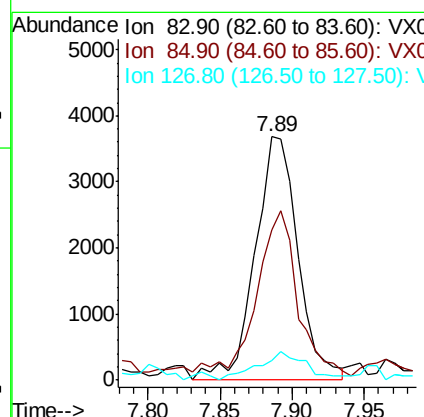
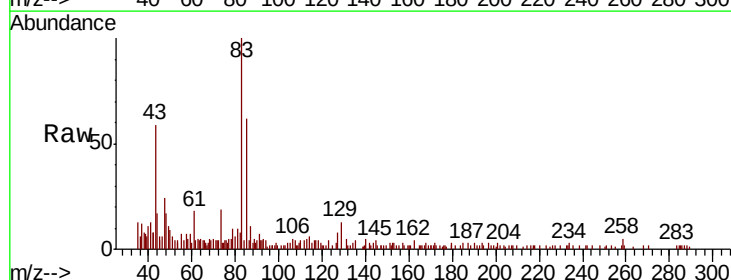
RT: 7.89 min Scan# 1148

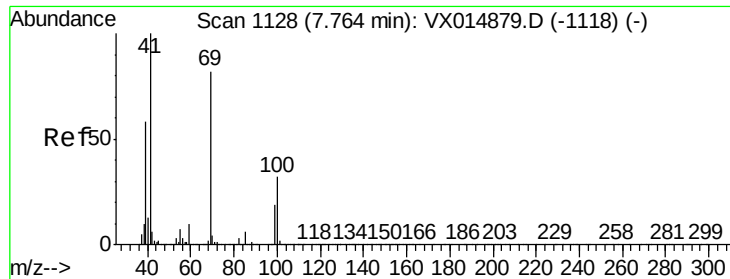
Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	83	Resp:	7580
Ion	Ratio	Lower	Upper
83	100		
85	60.2	52.5	78.7
127	6.4	7.4	11.0#





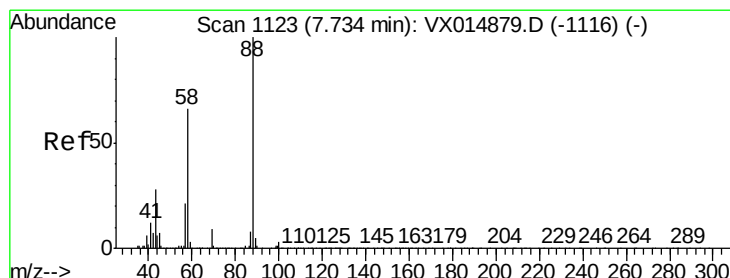
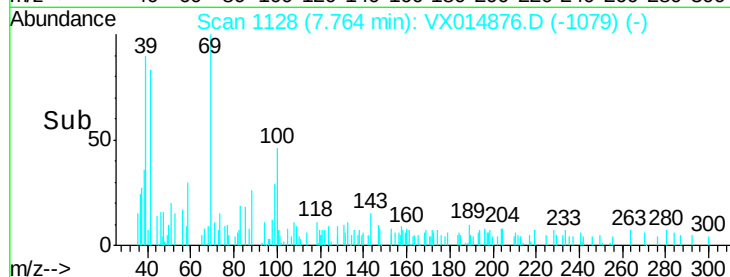
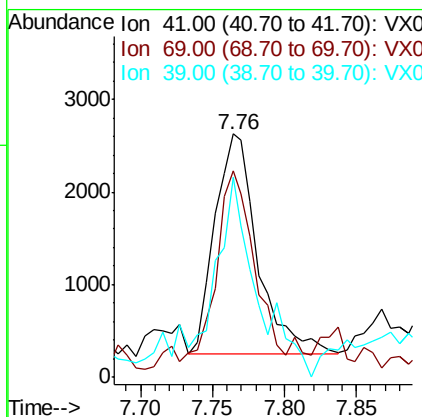
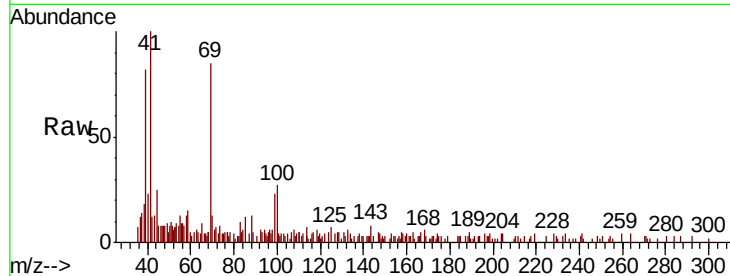
#48
Methvl methacrylate
Concen: 0.806 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	83.9	65.7	98.5
39	86.2	45.8	68.8#

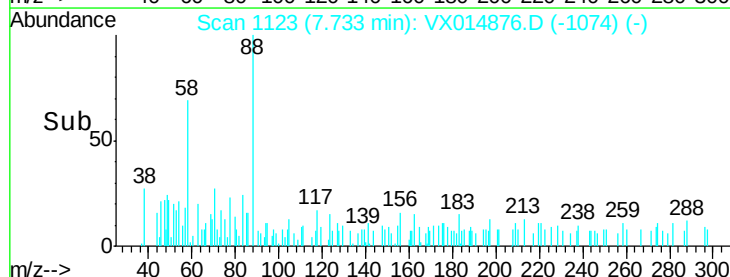
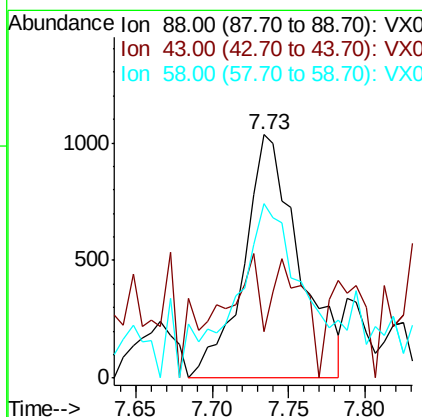
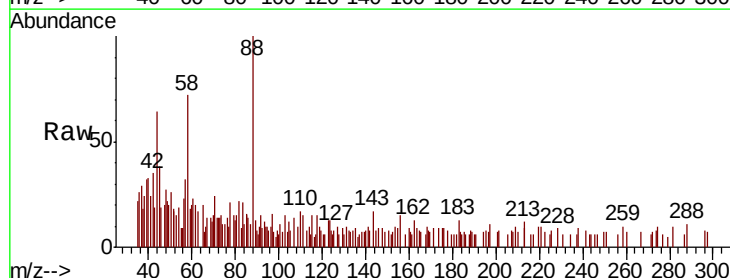
Manual Integrations
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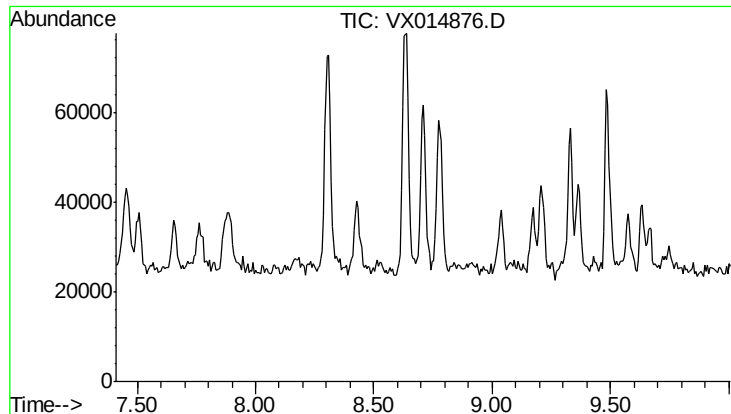
MMDadoda
2/11/2020 10:35:57 AM



#49
1,4-Dioxane
Concen: 21.960 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
88	100		
43	28.6	27.0	40.4
58	84.9	53.2	79.8#





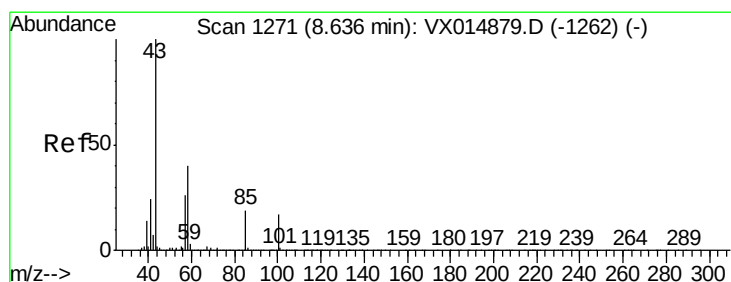
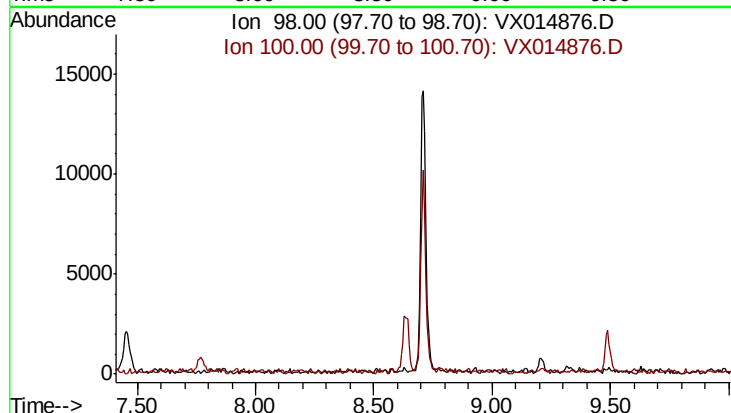
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

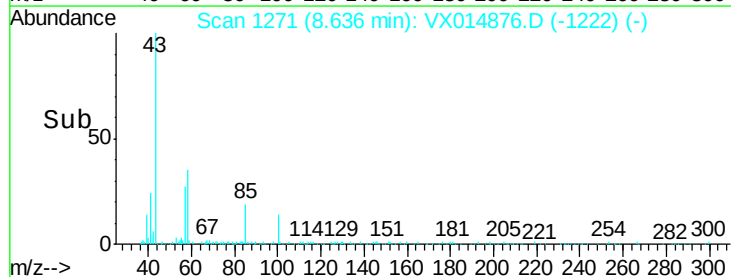
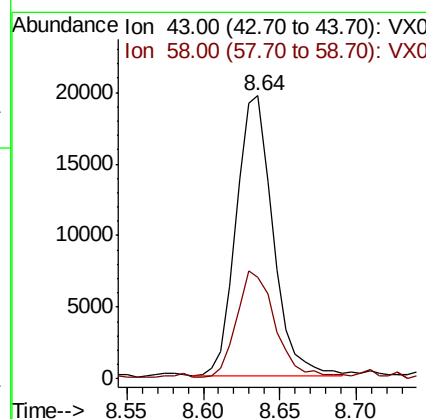
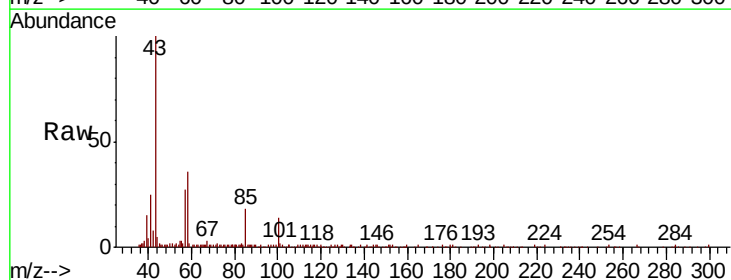
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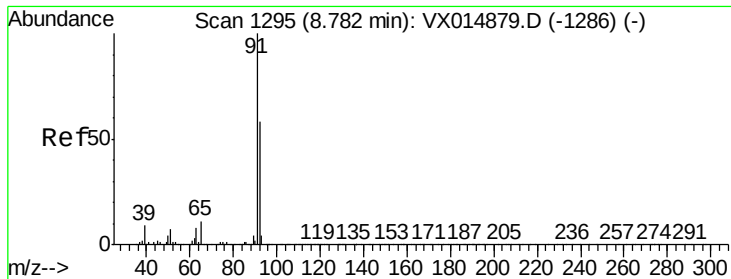
MMDadoda
2/11/2020 10:35:57 AM



#51
4-Methyl-2-Pentanone
Concen: 4.268 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion: 43 Resp: 32694
Ion Ratio Lower Upper
43 100
58 39.7 31.9 47.9





#52

Toluene

Concen: 0.903 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 12821

Ion Ratio Lower Upper

92 100

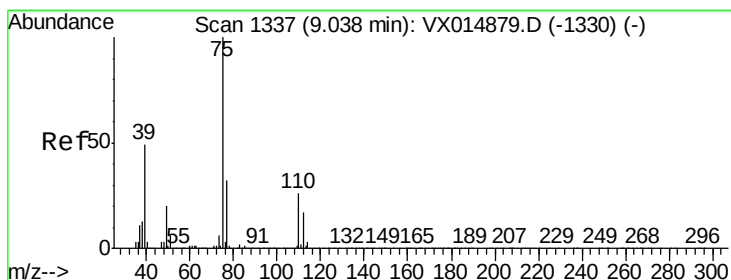
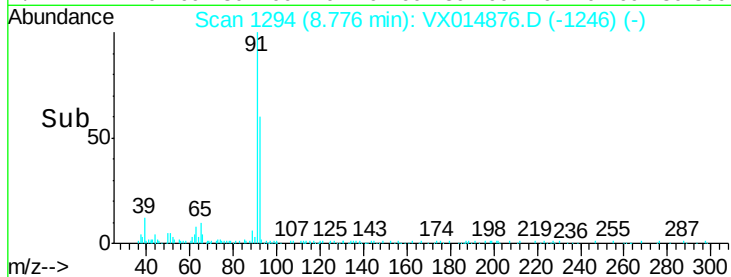
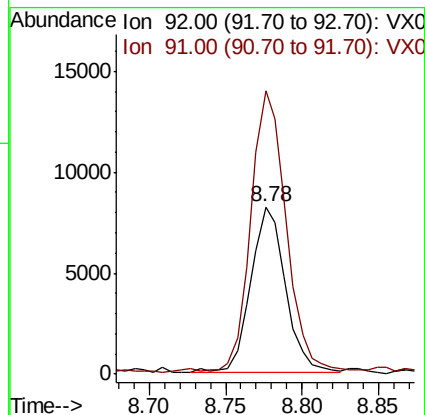
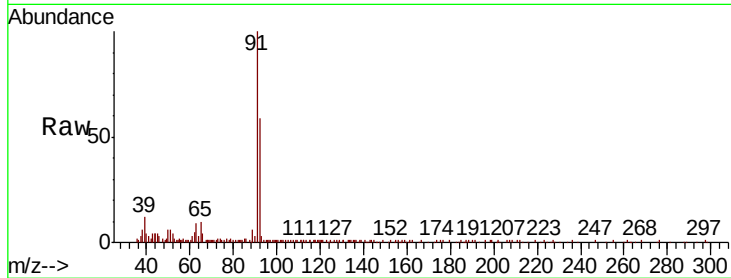
91 171.2 137.0 205.4

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#53

t-1,3-Dichloropropene

Concen: 0.830 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014876.D

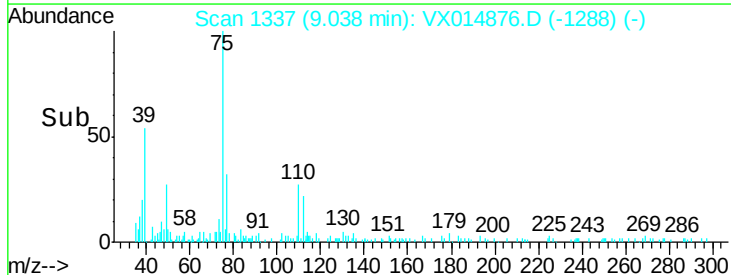
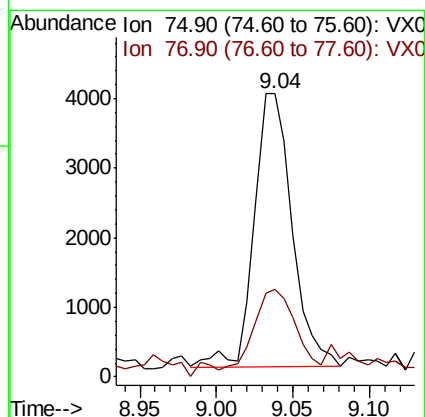
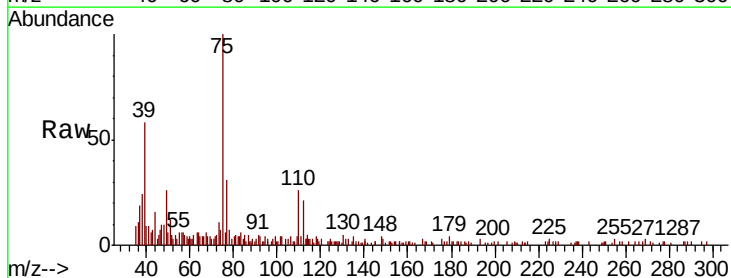
Acq: 10 Feb 2020 09:54

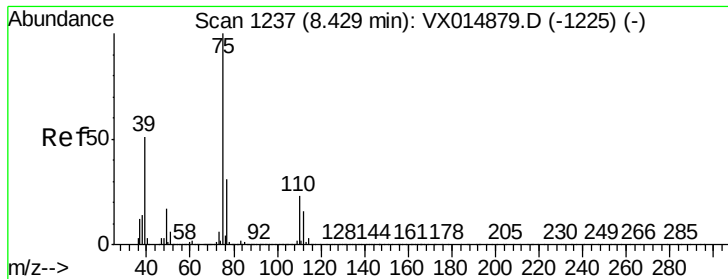
Tgt Ion: 75 Resp: 6788

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3





#54

cis-1,3-Dichloropropene

Concen: 0.952 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

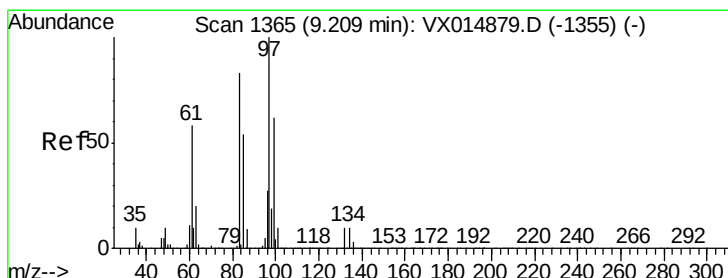
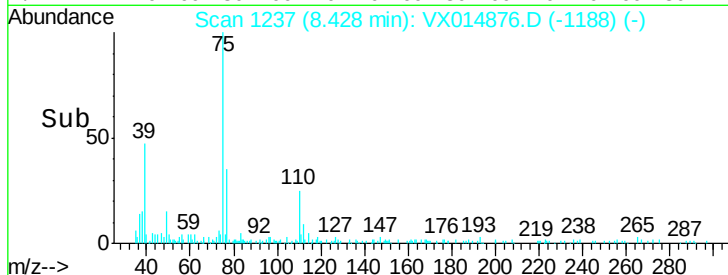
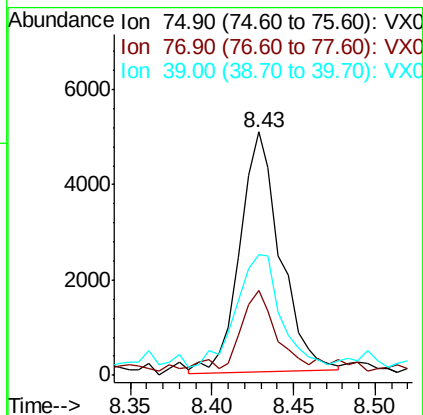
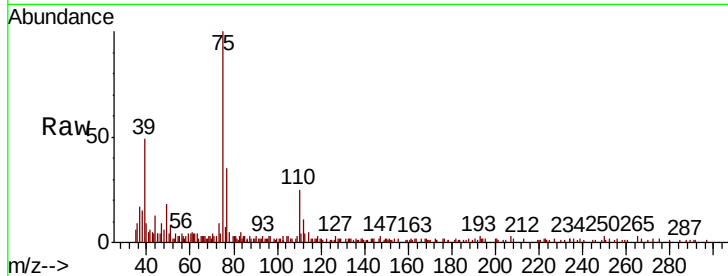
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	8738
Ion	Ratio	Lower	Upper
75	100		
77	29.3	24.6	37.0
39	46.9	40.9	61.3

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#55

1,1,2-Trichloroethane

Concen: 0.923 ug/l

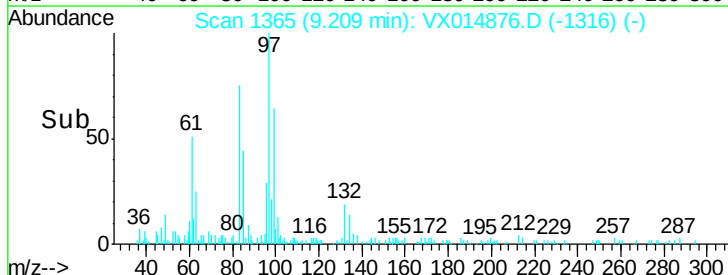
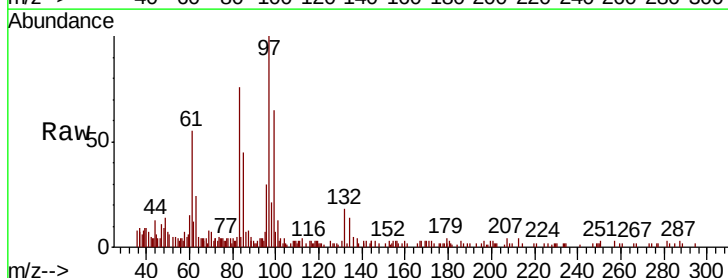
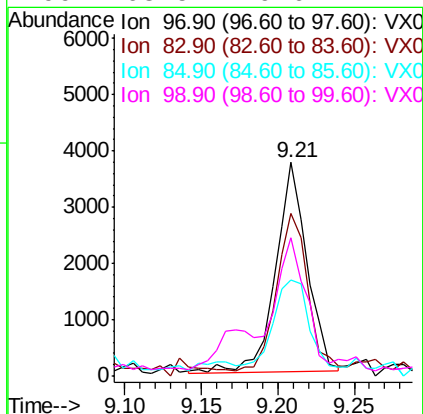
RT: 9.21 min Scan# 1365

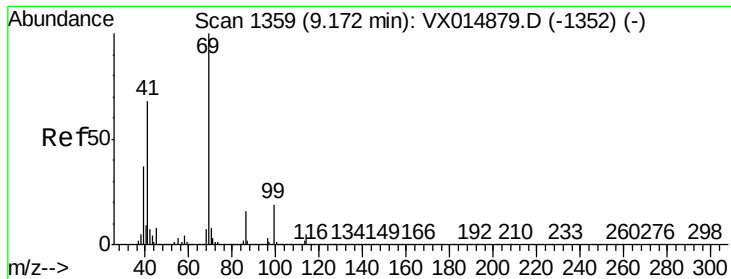
Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	97	Resp:	5313
Ion	Ratio	Lower	Upper
97	100		
83	73.8	66.6	99.8
85	44.0	43.5	65.3
99	63.5	49.6	74.4





#56

Ethyl methacrylate

Concen: 0.836 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

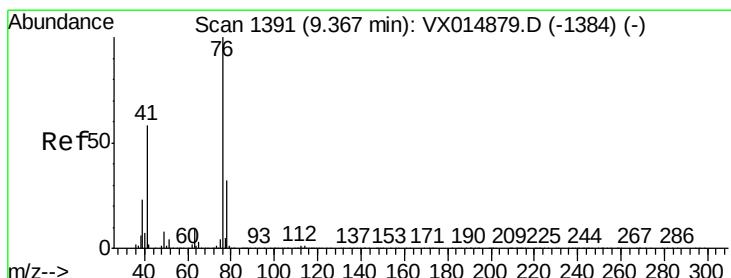
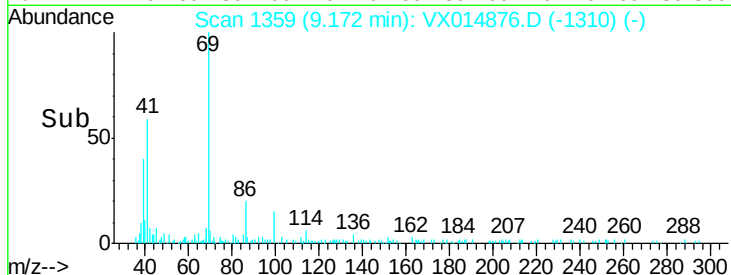
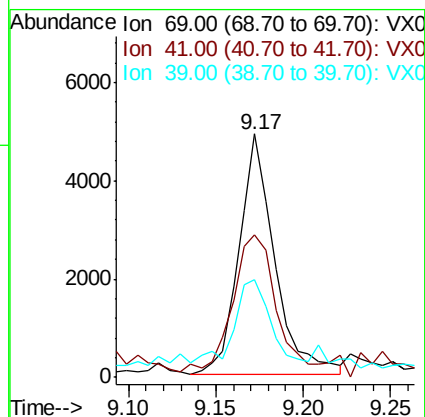
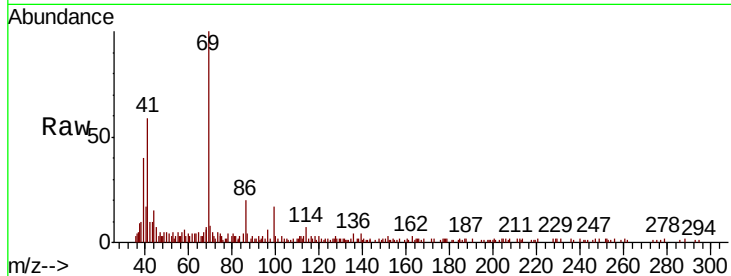
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	6911
Ion Ratio	Lower	Upper	
69	100		
41	68.9	54.8	82.2
39	40.7	29.9	44.9

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#57

1,3-Dichloropropane

Concen: 0.962 ug/l

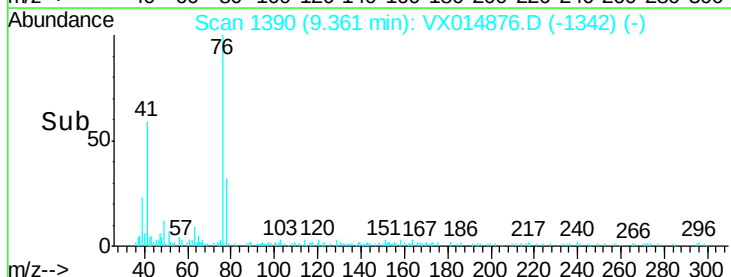
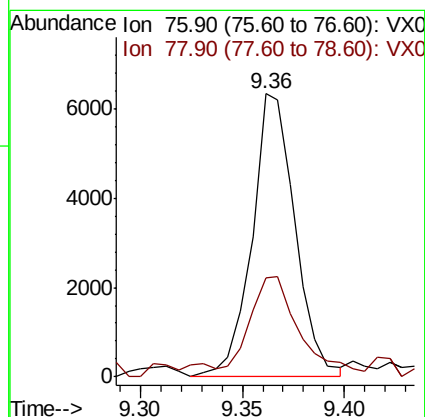
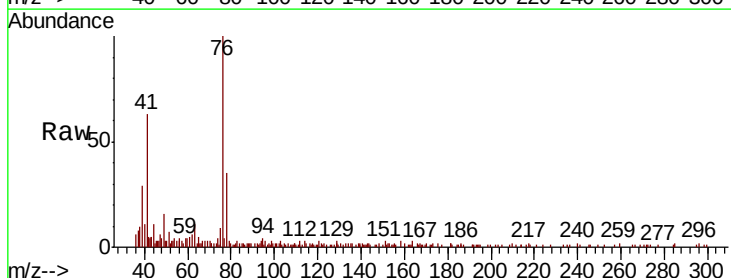
RT: 9.36 min Scan# 1390

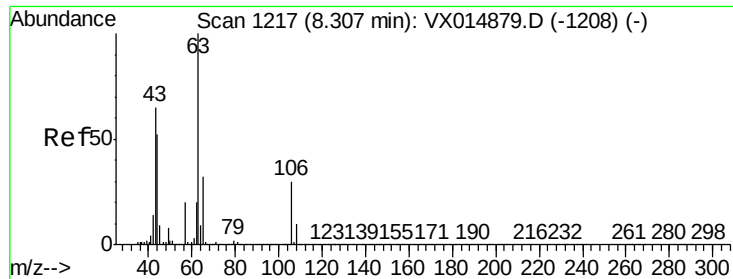
Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	76	Resp:	9338
Ion Ratio	Lower	Upper	
76	100		
78	39.8	25.8	38.8#





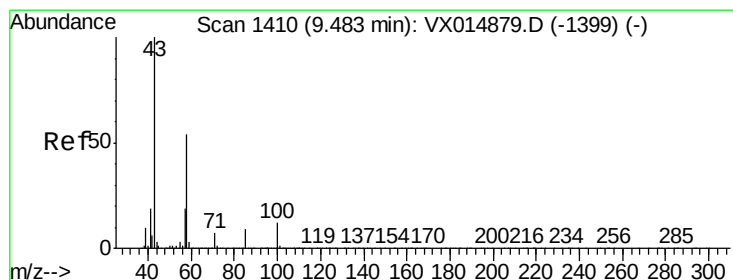
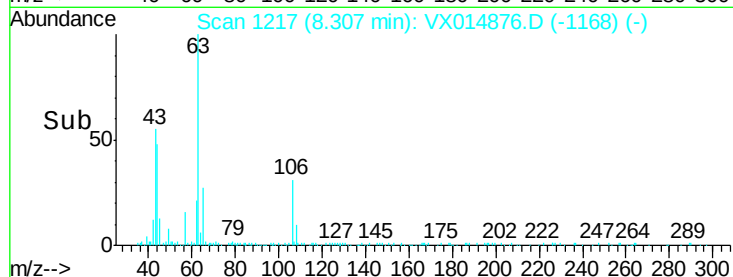
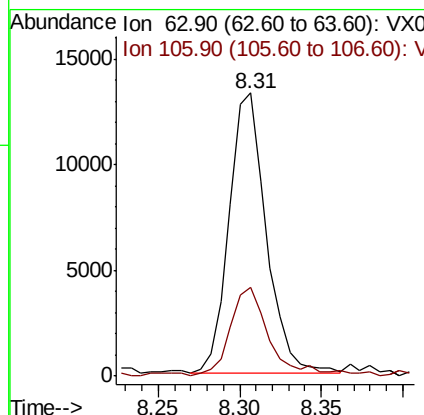
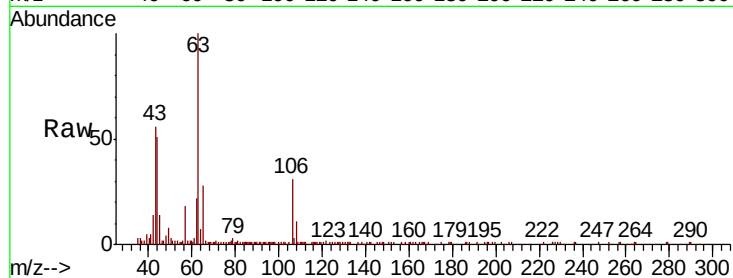
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.692 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
106	34.1	23.8	35.8

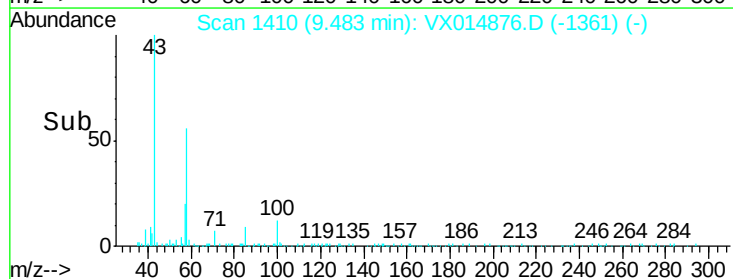
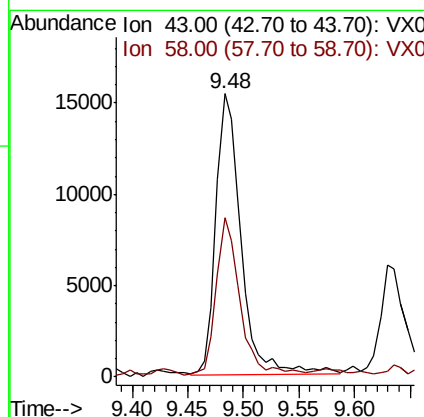
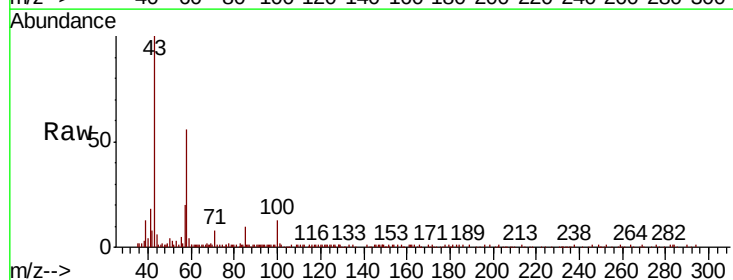
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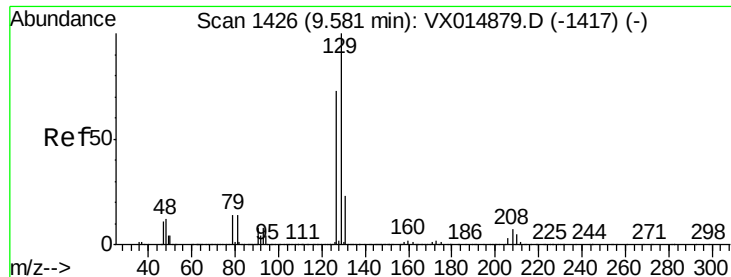
MMDadoda
 2/11/2020 10:35:57 AM



#59
 2-Hexanone
 Concen: 4.062 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.1	27.5	82.5





#60

Dibromochloromethane

Concen: 0.868 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 5183

Ion Ratio Lower Upper

129 100

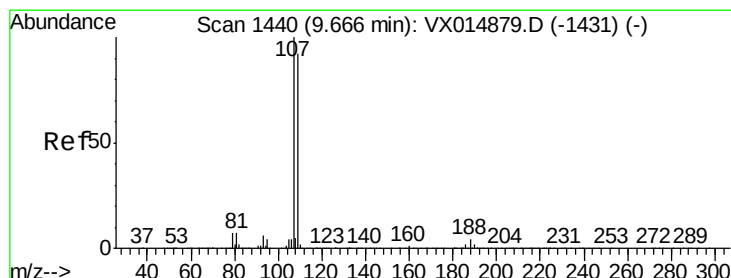
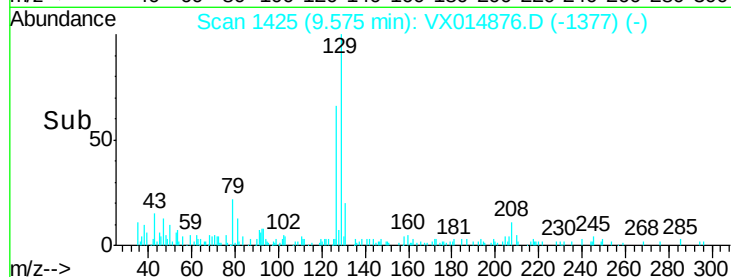
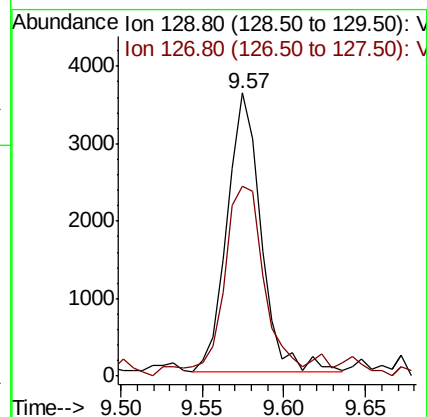
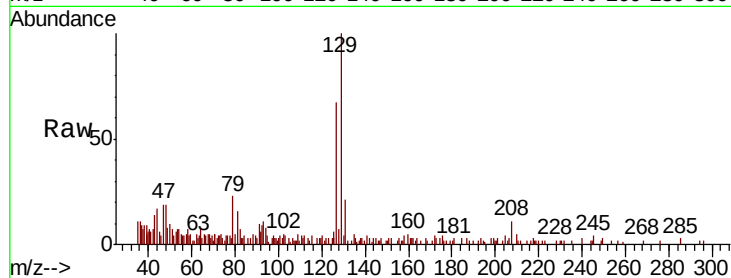
127 83.3 37.8 113.3

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#61

1,2-Dibromoethane

Concen: 0.972 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014876.D

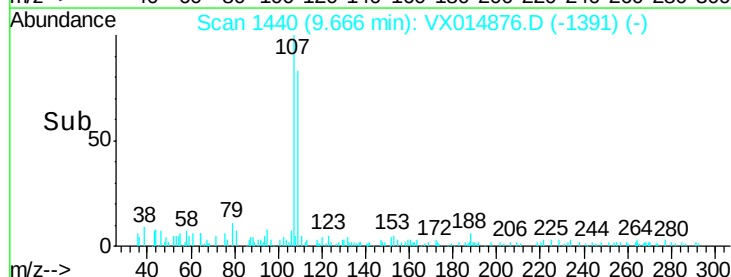
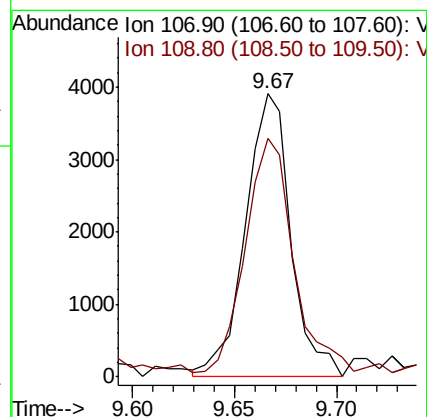
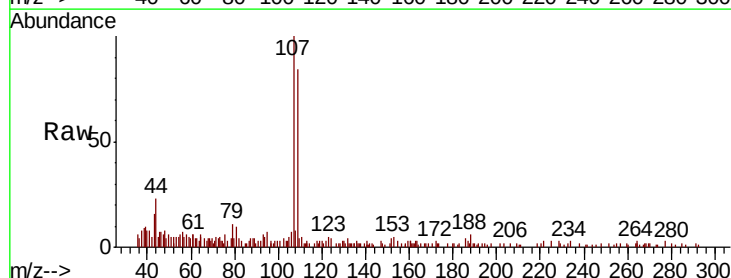
Acq: 10 Feb 2020 09:54

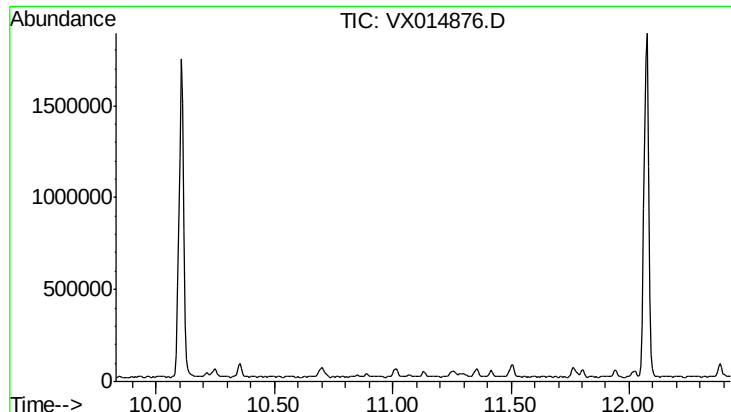
Tgt Ion:107 Resp: 6050

Ion Ratio Lower Upper

107 100

109 86.8 75.6 113.4





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.13 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tot Ion: 95

Sig Exp Ratio

95 100

174 91.5

176 89.0

Instrument :

MSVOA_X

ClientSampleId :

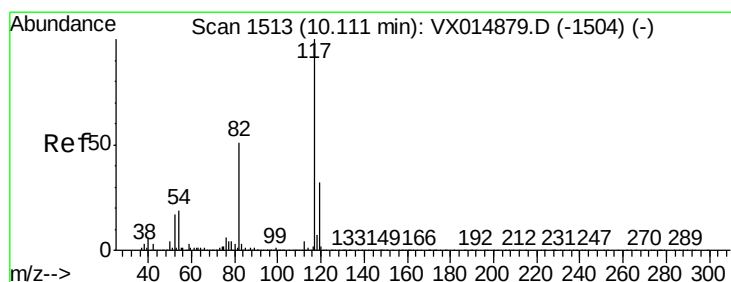
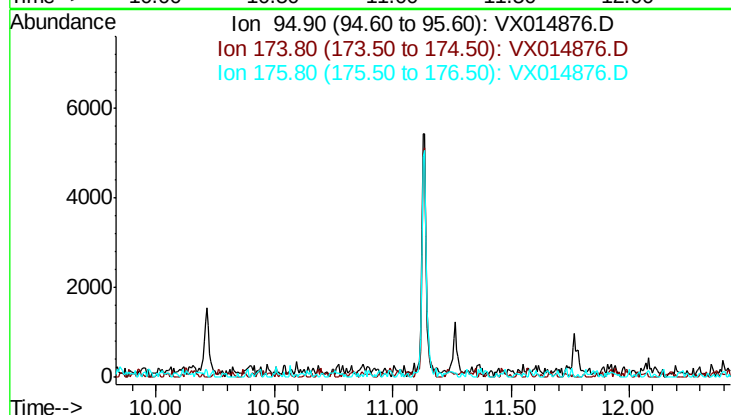
VSTDIC001

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2/11/2020 10:35:57 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

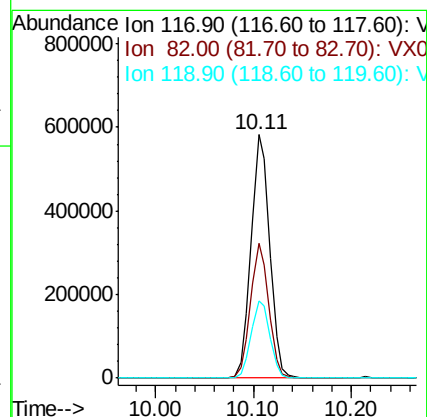
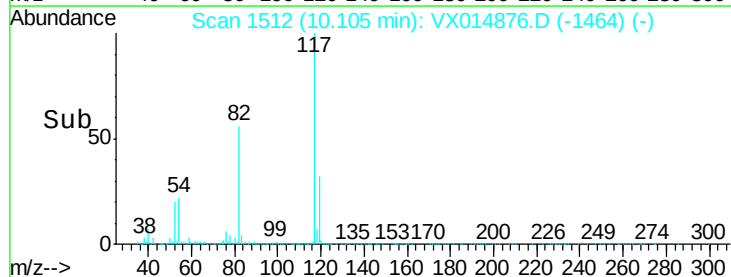
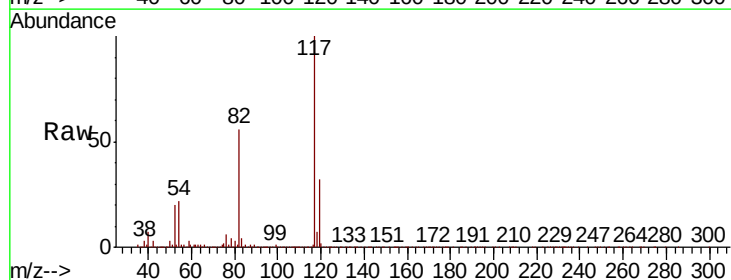
Tgt Ion: 117 Resp: 772089

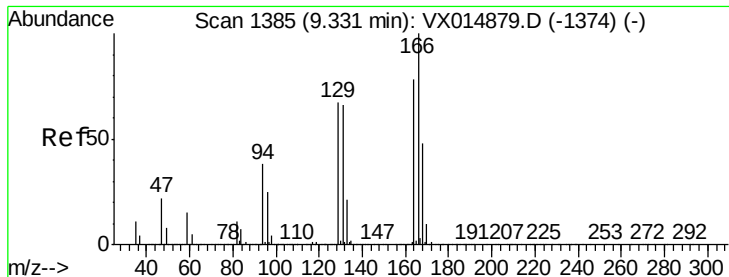
Ion Ratio Lower Upper

117 100

82 55.6 40.5 60.7

119 31.8 25.8 38.6





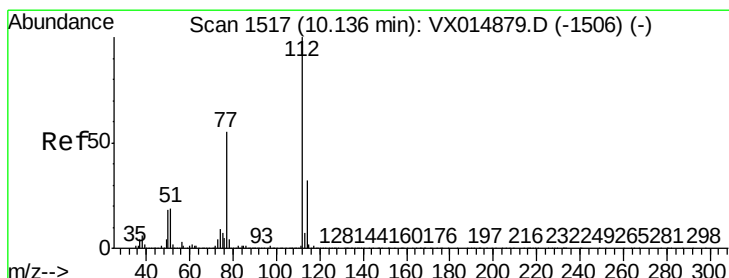
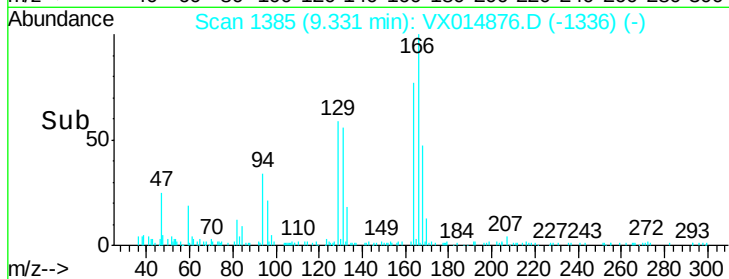
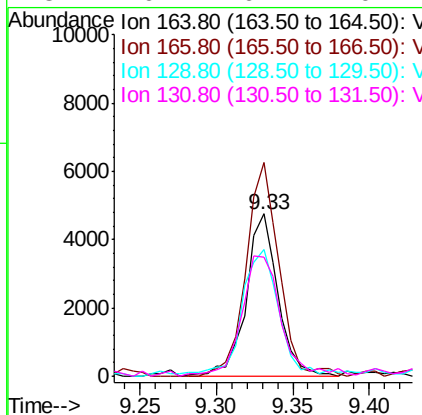
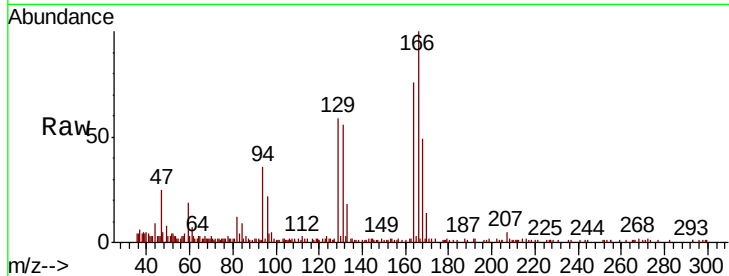
#64
Tetrachloroethene
Concen: 0.965 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.7	102.6	153.8
129	75.5	68.3	102.5
131	70.1	67.4	101.2

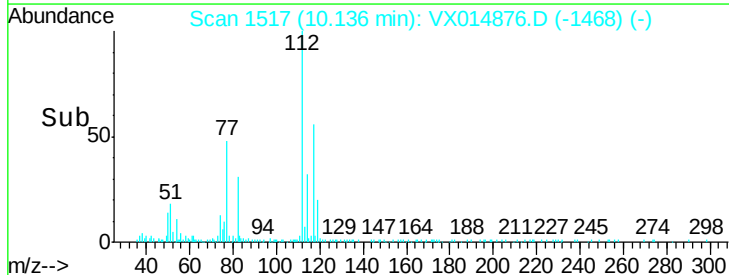
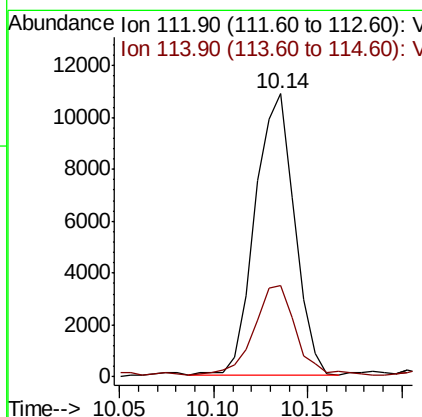
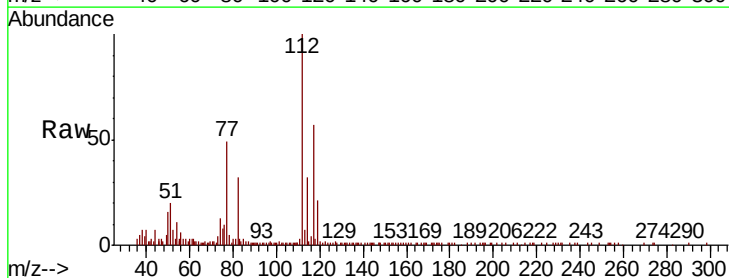
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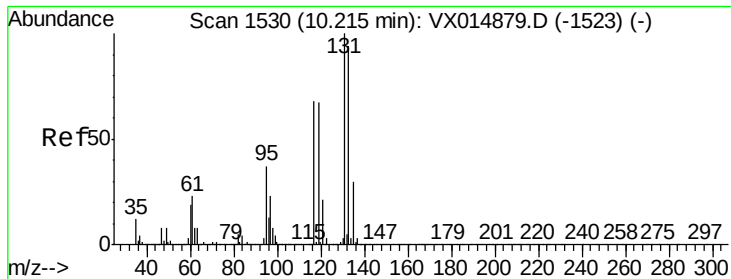
MMDadoda
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#65
Chlorobenzene
Concen: 1.003 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.6	38.4





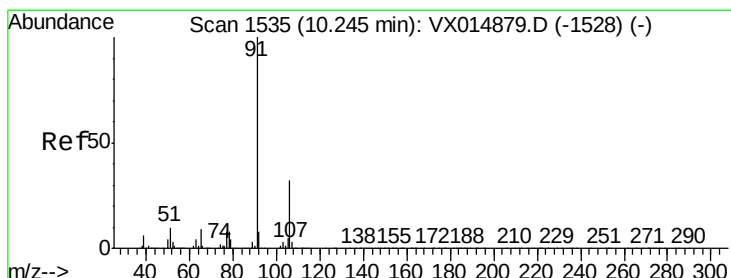
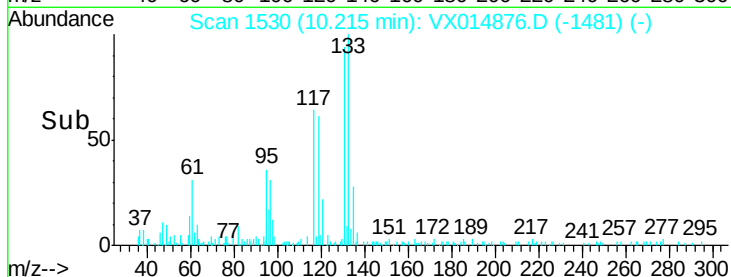
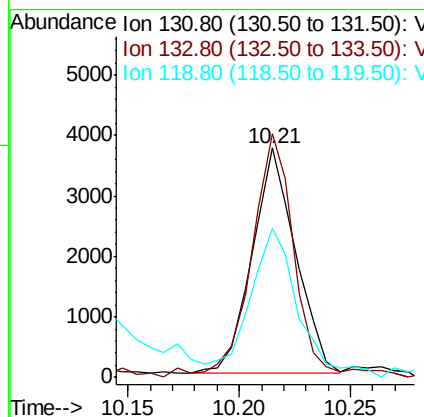
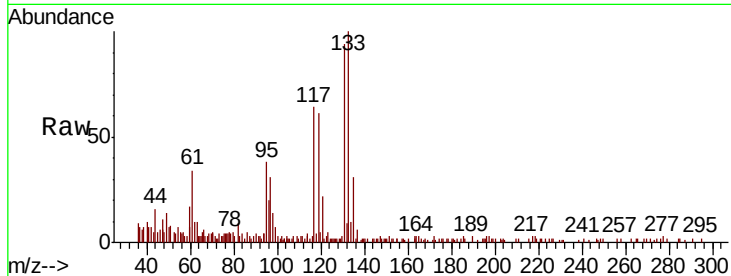
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.909 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	108.9	48.1	144.4
119	0.0	33.0	99.0

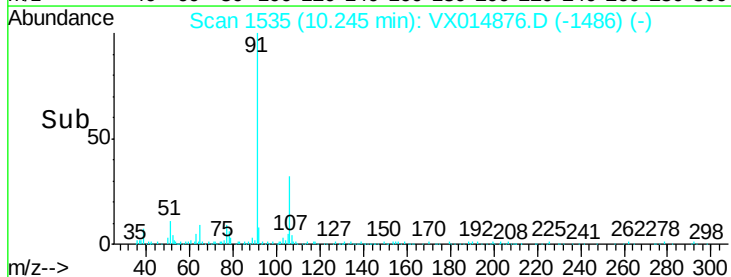
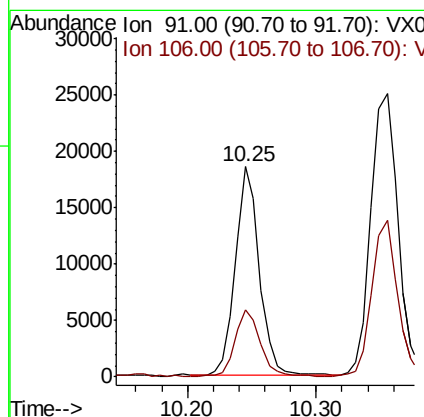
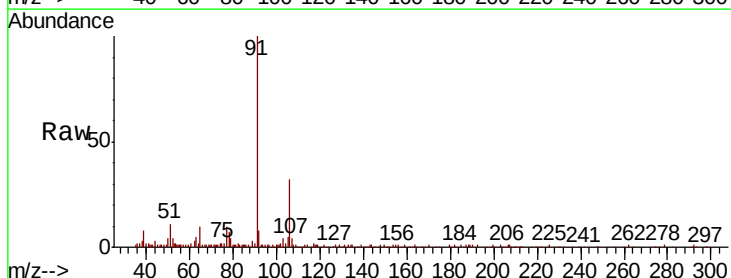
Manual Integrations
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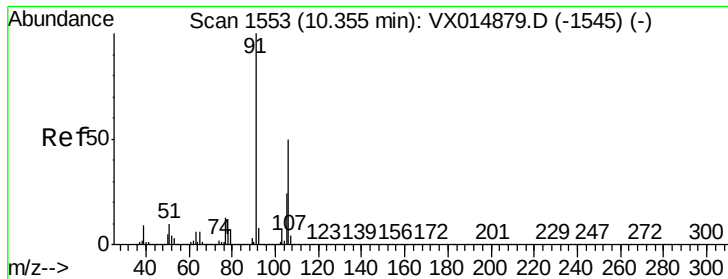
MMDadoda
 2/11/2020 10:35:57 AM



#67
 Ethyl Benzene
 Concen: 0.922 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.3	37.9





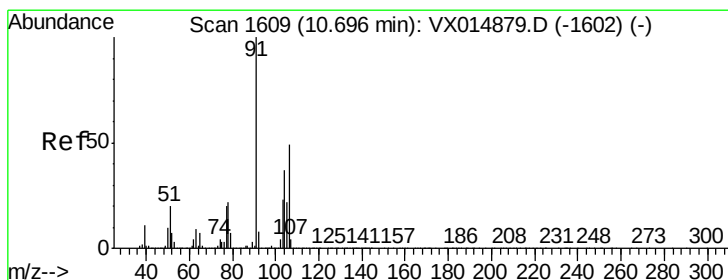
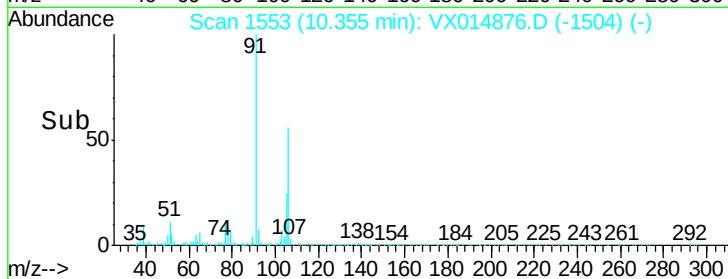
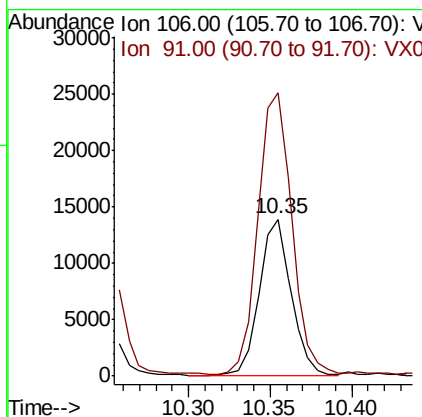
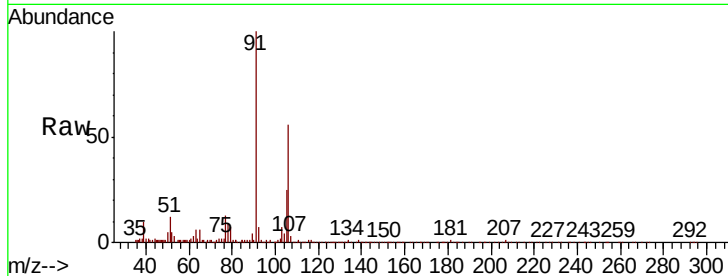
#68
m/p-Xylenes
Concen: 1.907 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
106	100		
91	188.5	160.6	240.8

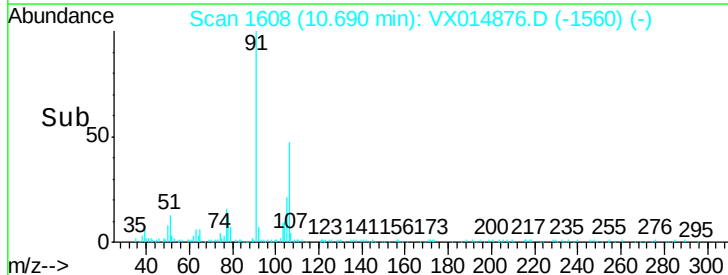
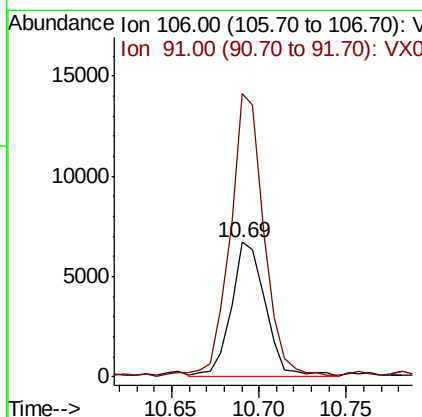
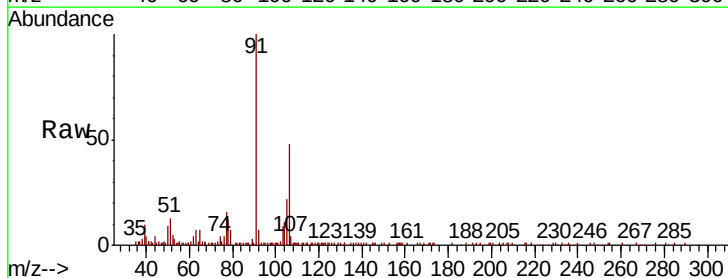
Manual Integrations
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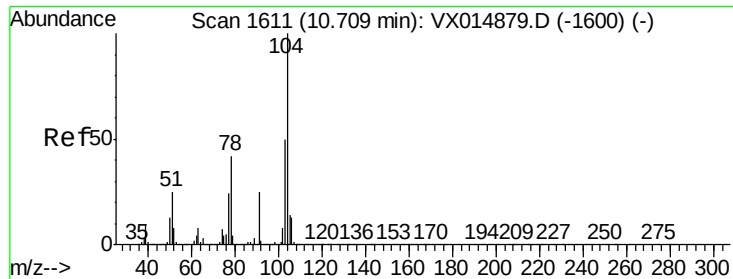
MMDadoda
2/11/2020 10:35:57 AM



#69
o-Xylene
Concen: 0.952 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.9	105.1	315.3





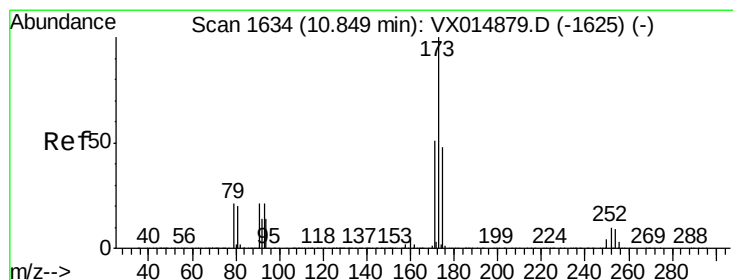
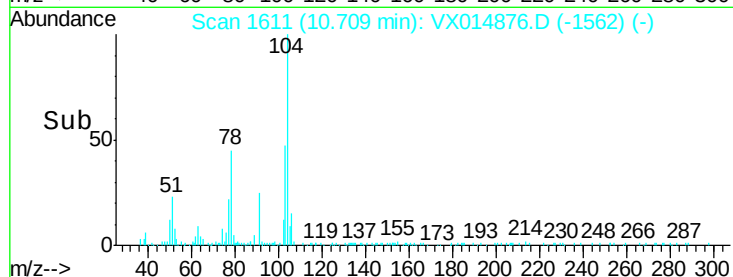
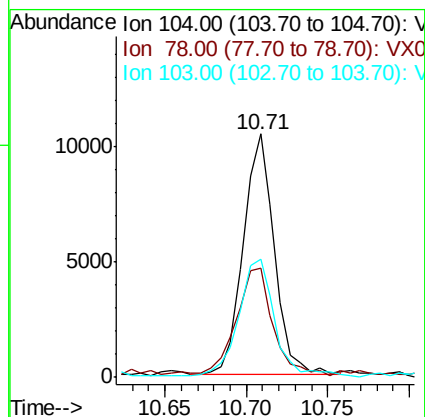
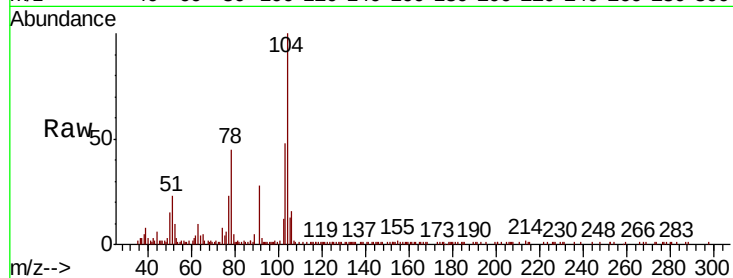
#70
Stvrene
Concen: 0.870 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.6	39.0	58.4
103	58.5	43.4	65.0

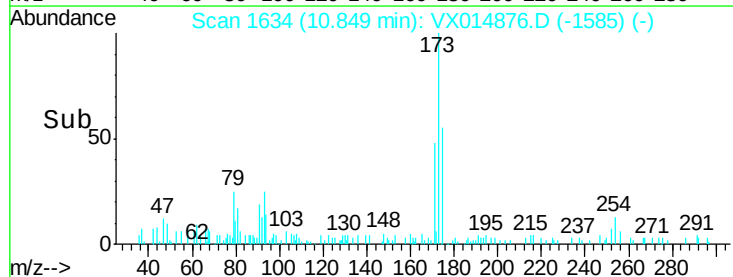
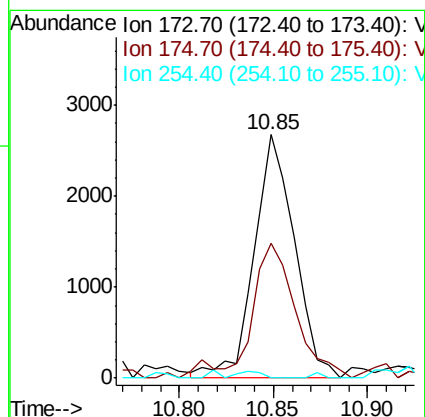
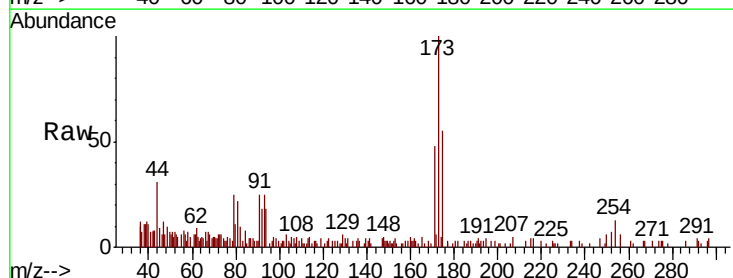
Manual Integrations
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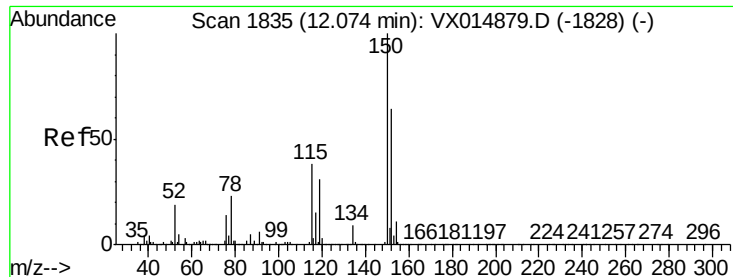
MMDadoda
2/11/2020 10:35:57 AM



#71
Bromoform
Concen: 0.895 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	56.5	24.2	72.6
254	1.7	0.2	0.2#





#72

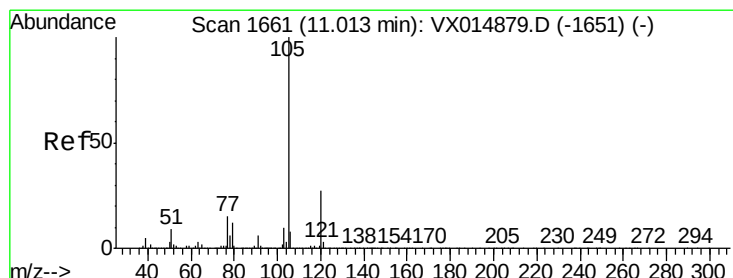
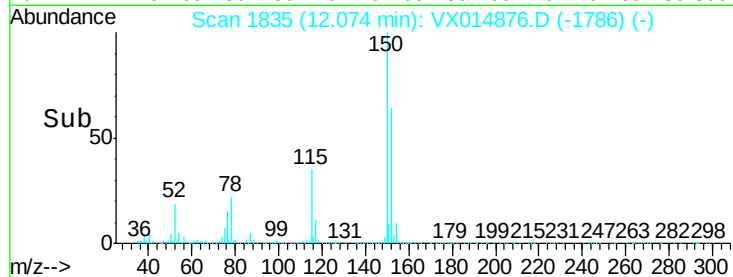
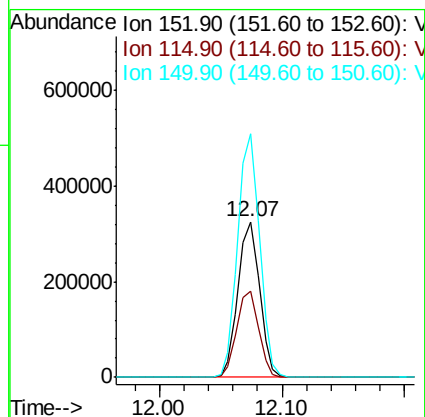
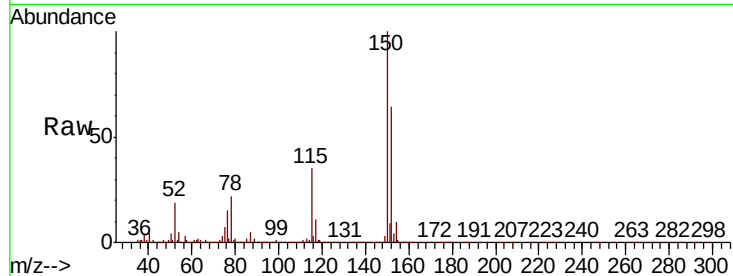
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	399825		
115	55.6	38.6	116.0	
150	157.4	0.0	349.0	

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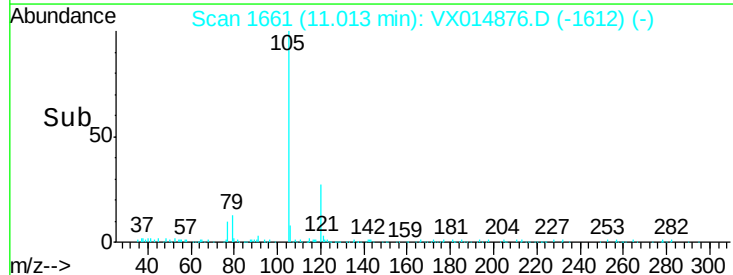
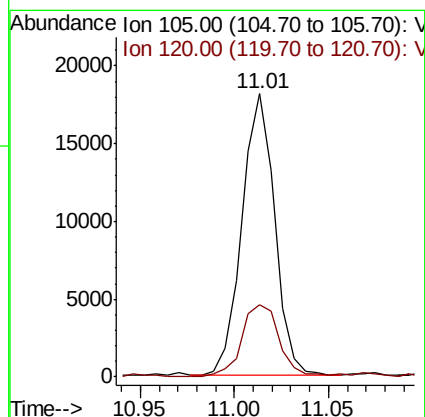
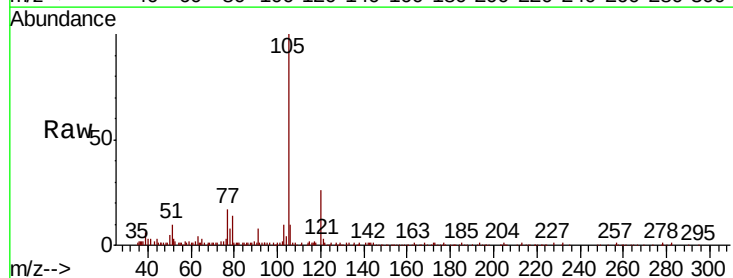
MMDadoda
2/11/2020 10:35:57 AM

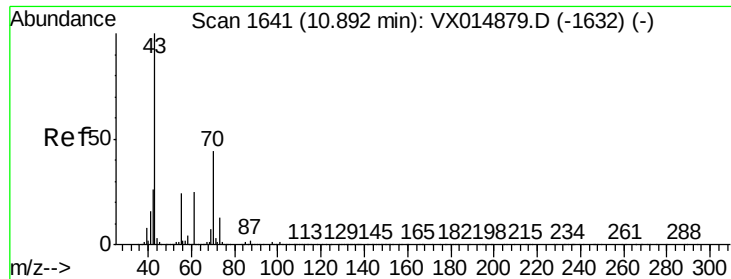


#73

Isopropylbenzene
Concen: 0.873 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	21774		
120	29.7	13.6	40.8	





#74

N-amvl acetate

Concen: 0.811 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

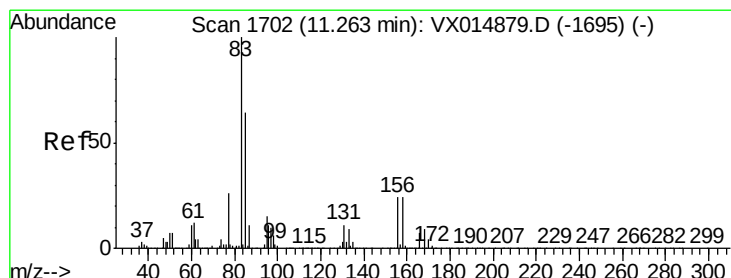
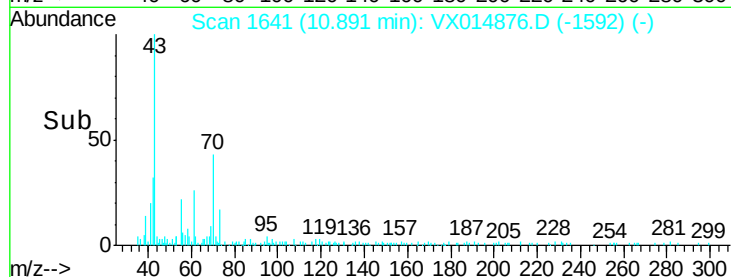
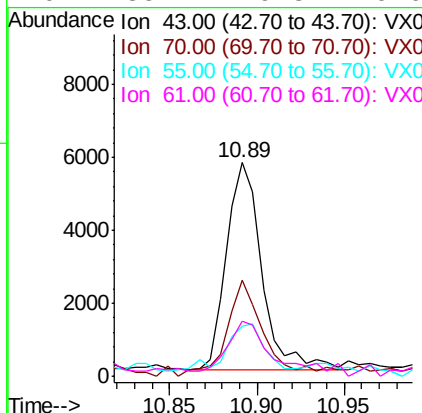
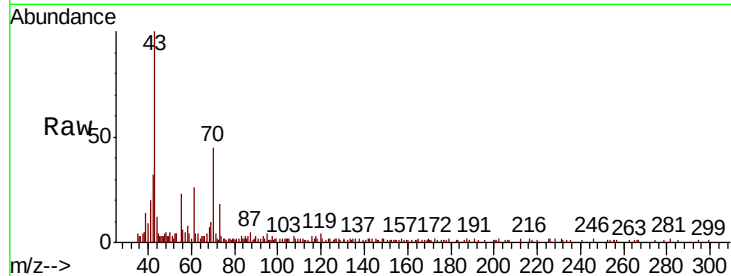
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	7983
Ion	Ratio	Lower	Upper
43	100		
70	47.1	35.0	52.4
55	23.9	19.4	29.2
61	35.7	19.8	29.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.028 ug/l

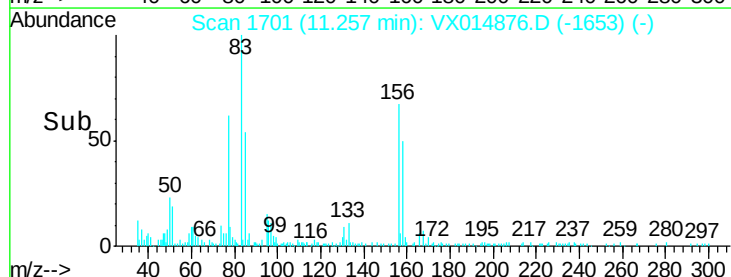
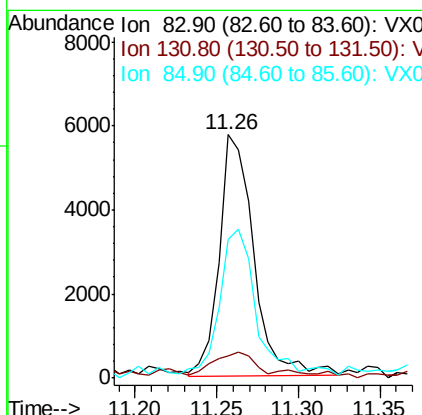
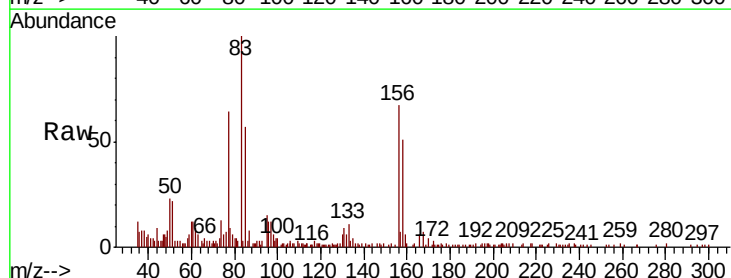
RT: 11.26 min Scan# 1701

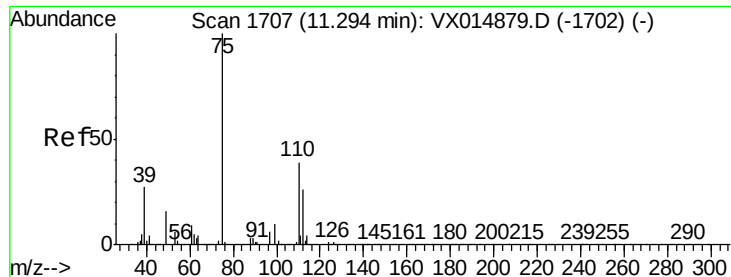
Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	83	Resp:	8449
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.3	16.1
85	64.9	32.6	97.7





#76

1,2,3-Trichloropropane

Concen: 0.832 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 7194

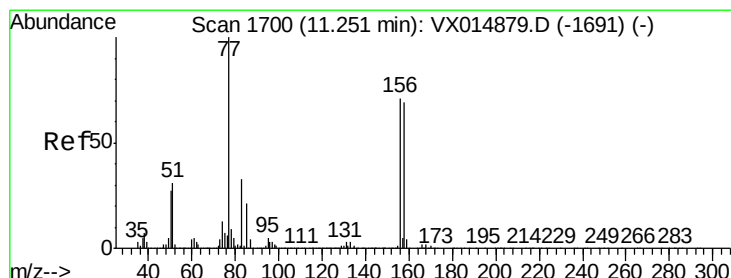
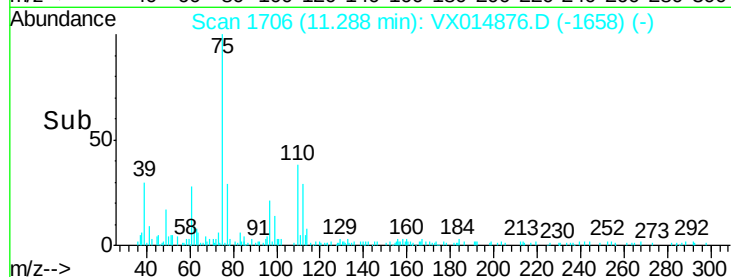
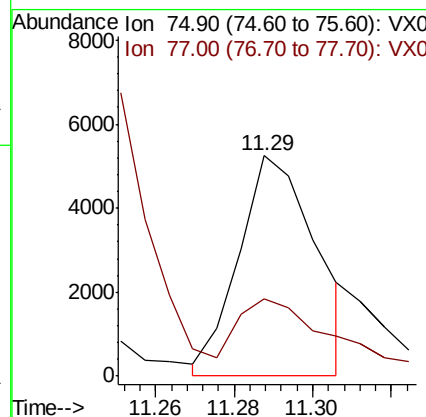
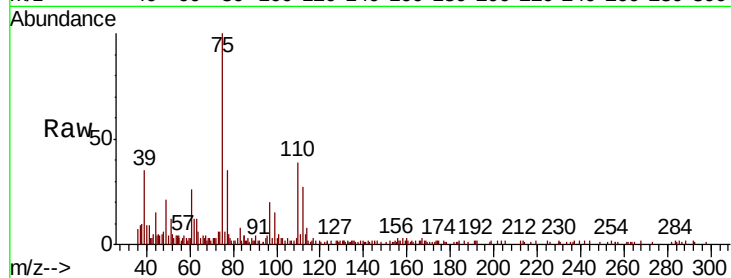
Ion Ratio Lower Upper

75 100

77 38.8 18.4 55.0

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#77

Bromobenzene

Concen: 0.999 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

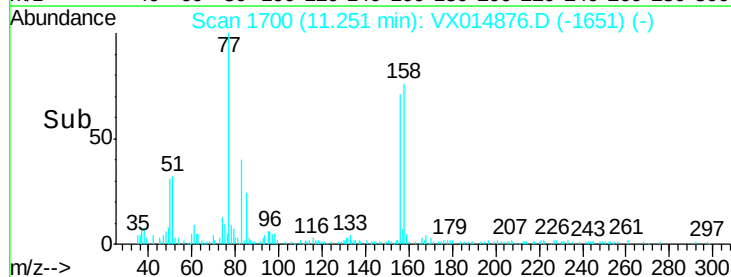
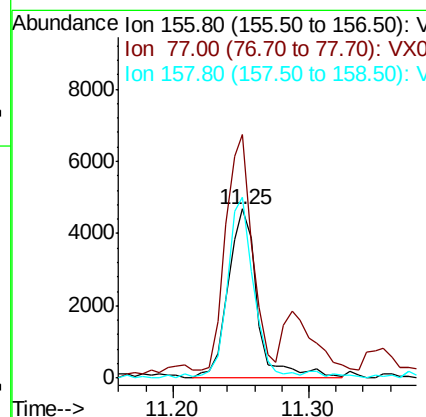
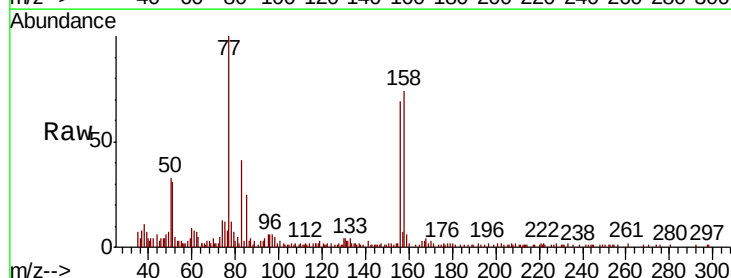
Tgt Ion: 156 Resp: 6999

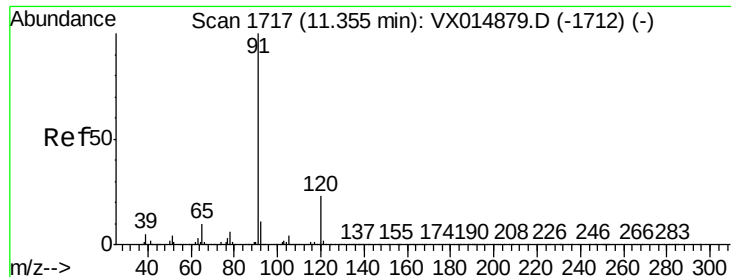
Ion Ratio Lower Upper

156 100

77 128.8 74.0 222.0

158 96.5 48.9 146.6





#78

n-propylbenzene

Concen: 0.895 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 25733

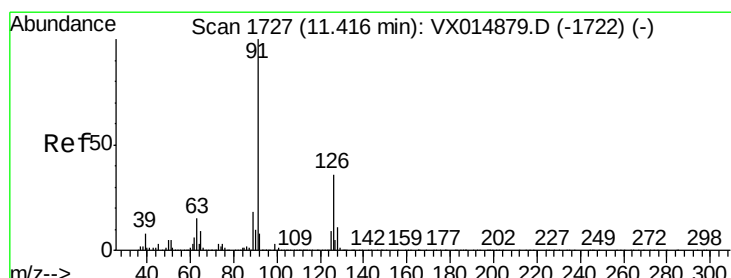
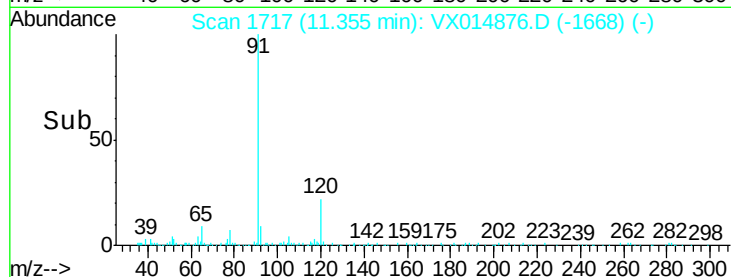
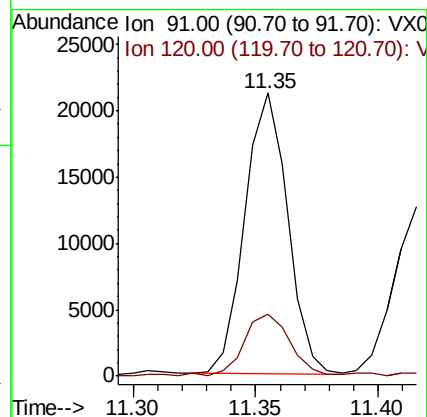
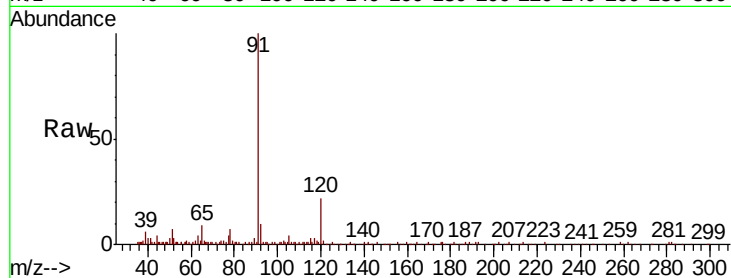
Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.4

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#79

2-Chlorotoluene

Concen: 0.921 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014876.D

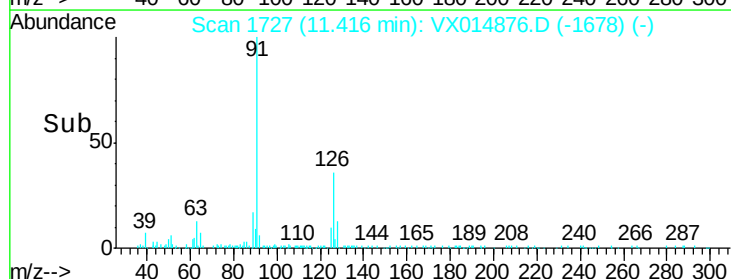
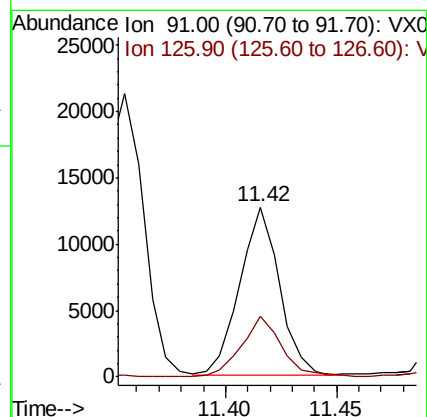
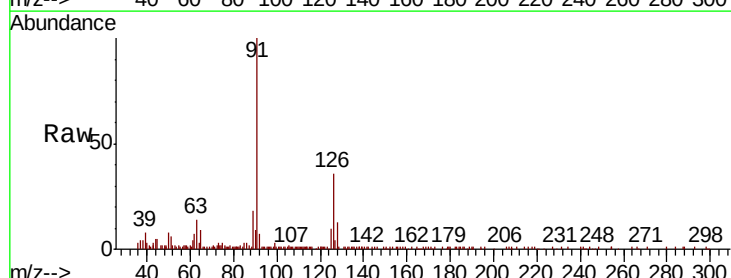
Acq: 10 Feb 2020 09:54

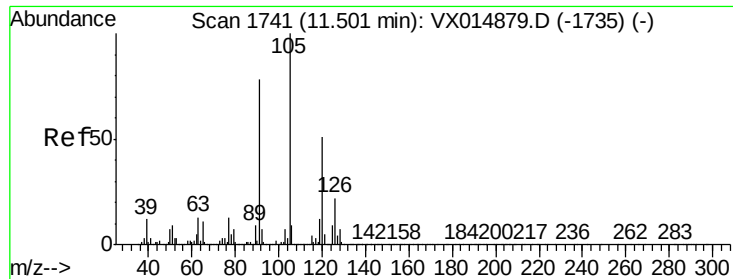
Tgt Ion: 91 Resp: 15667

Ion Ratio Lower Upper

91 100

126 37.4 18.0 54.0





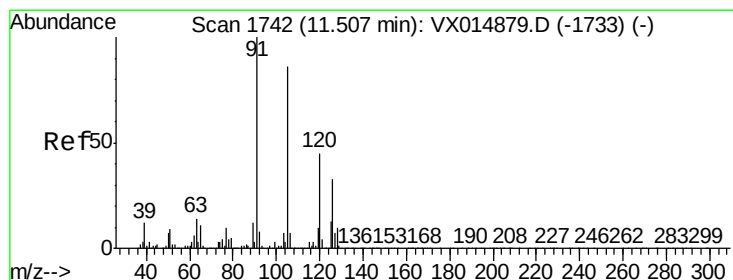
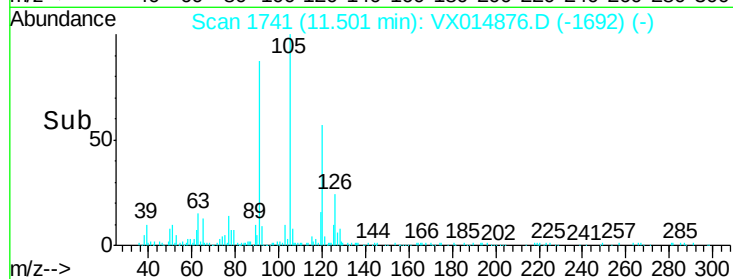
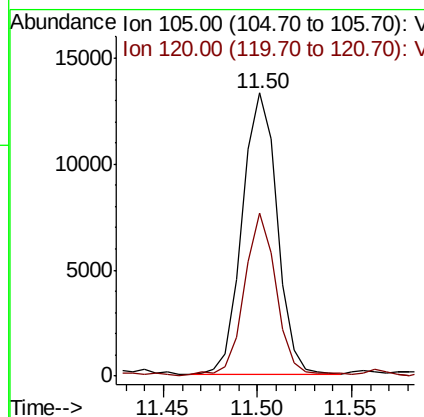
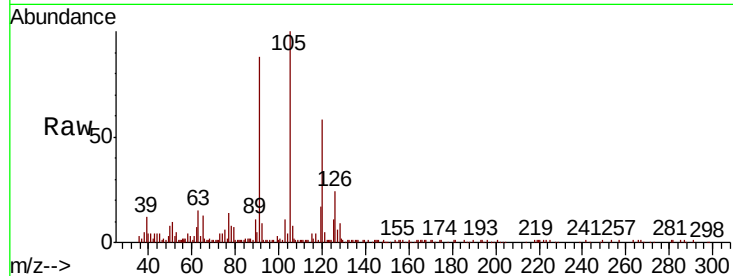
#80
 1,3,5-Trimethylbenzene
 Concen: 0.837 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 105 Resp: 17124
 Ion Ratio Lower Upper
 105 100
 120 53.6 25.6 76.6

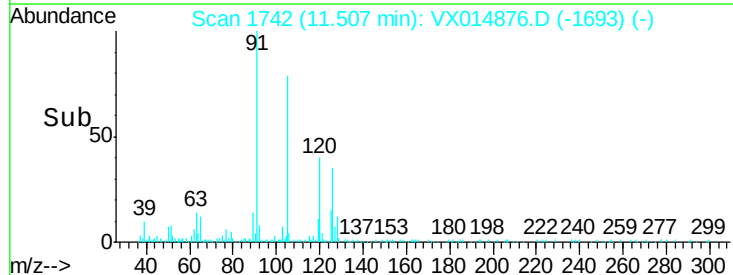
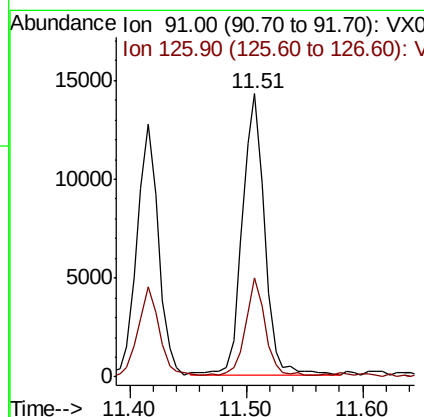
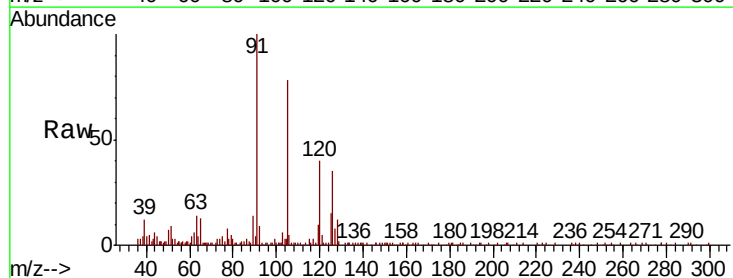
Manual Integrations
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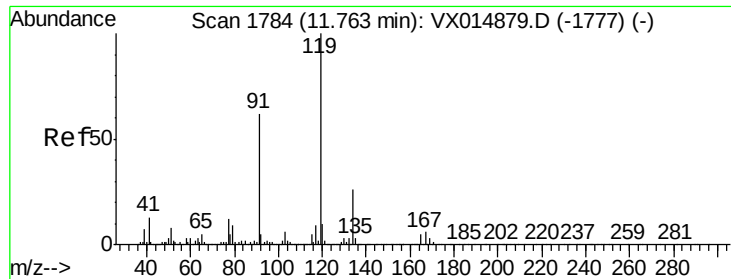
MMDadoda
 2/11/2020 10:35:57 AM



#82
 4-Chlorotoluene
 Concen: 0.950 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion: 91 Resp: 19016
 Ion Ratio Lower Upper
 91 100
 126 31.1 15.7 47.0





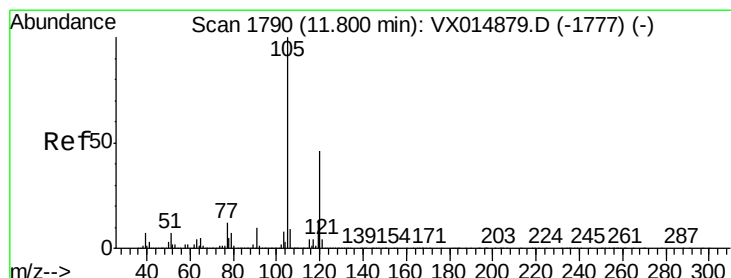
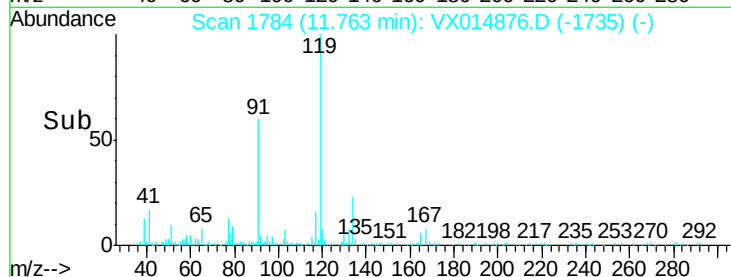
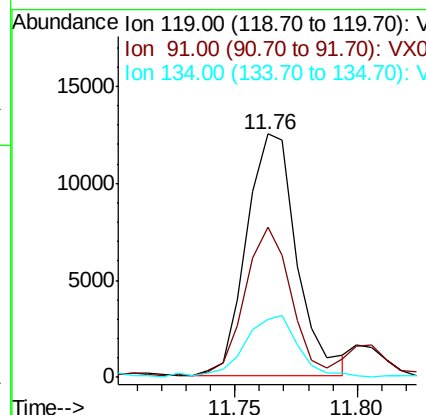
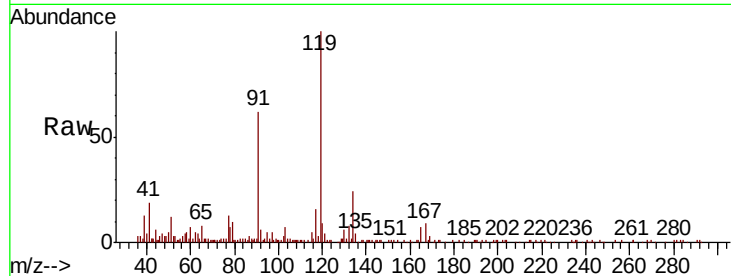
#83
tert-Butylbenzene
Concen: 0.914 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.4	29.5	88.6
134	27.6	12.6	37.6

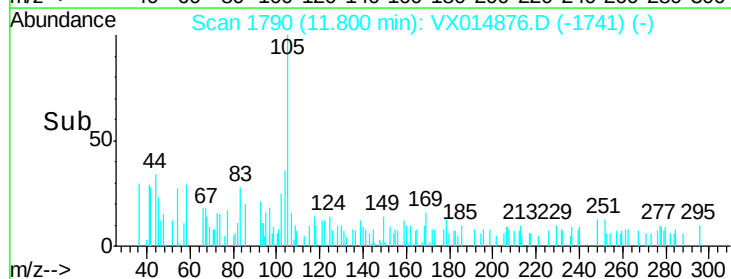
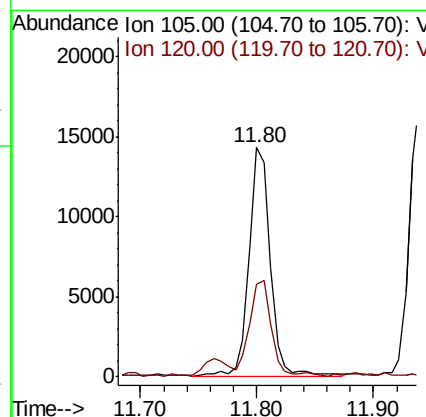
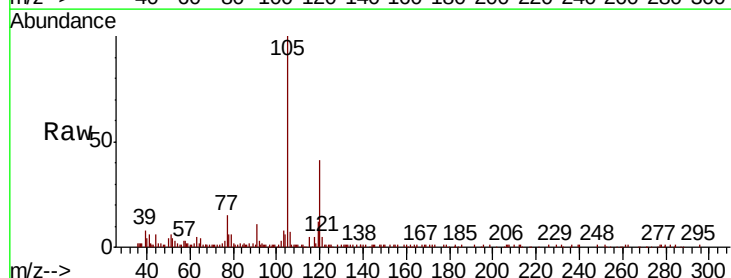
Manual Integrations
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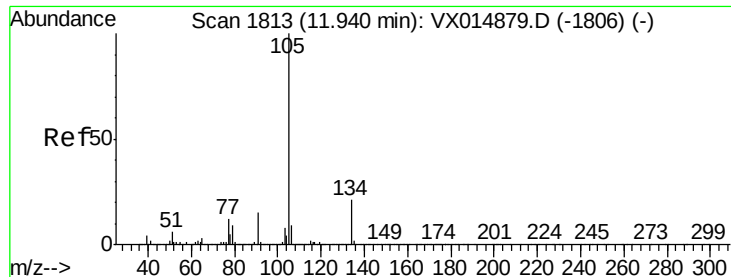
MMDadoda
2/11/2020 10:35:57 AM



#84
1,2,4-Trimethylbenzene
Concen: 0.881 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 0.912 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 22161

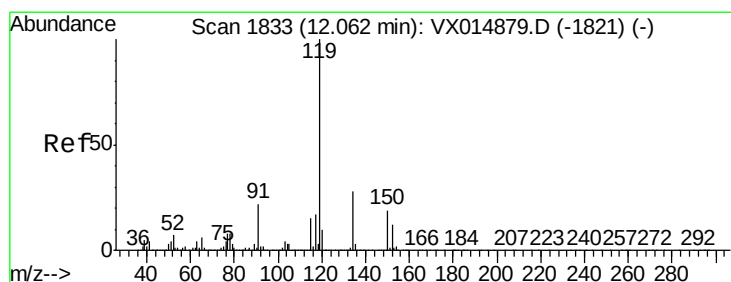
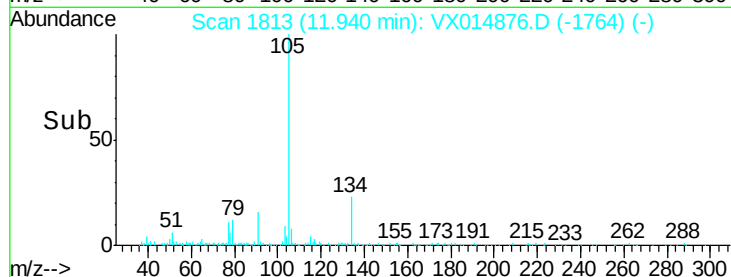
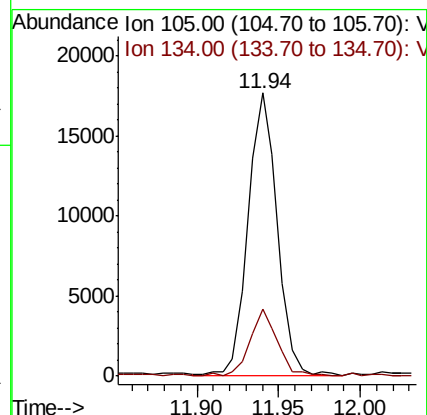
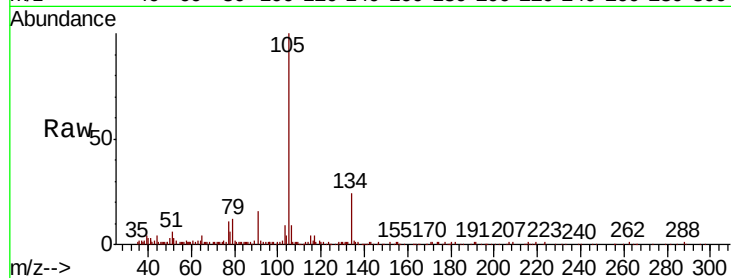
Ion Ratio Lower Upper

105 100

134 22.4 10.6 31.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 0.910 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

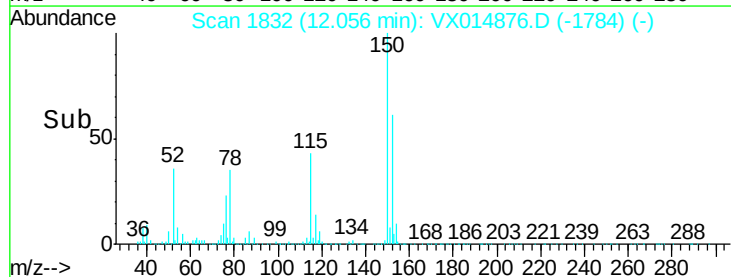
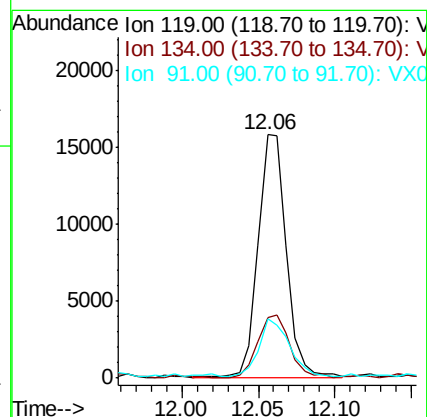
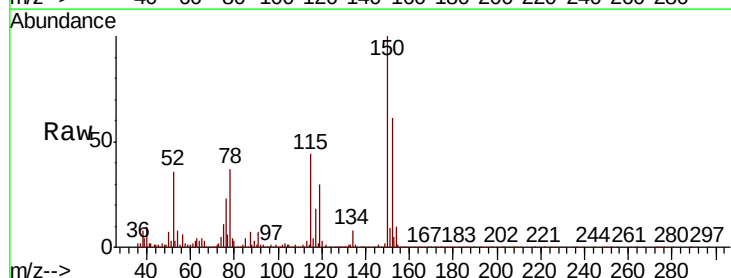
Tgt Ion:119 Resp: 20602

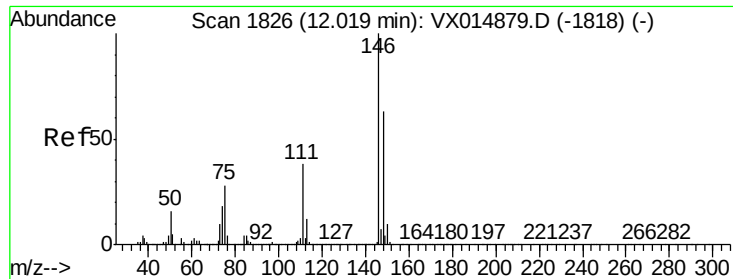
Ion Ratio Lower Upper

119 100

134 29.8 13.5 40.5

91 24.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 0.976 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

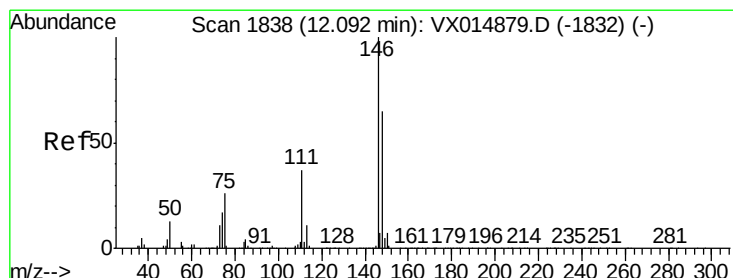
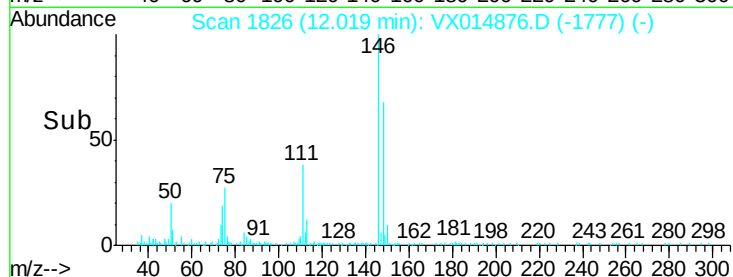
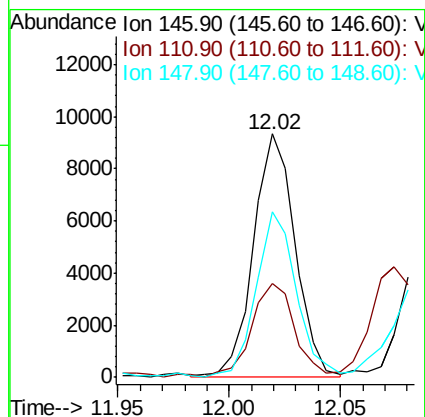
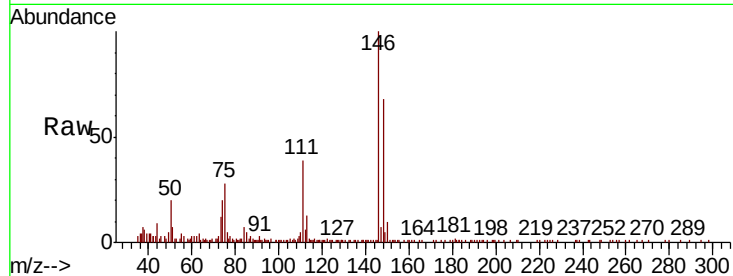
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	12213
Ion Ratio	Lower	Upper	
146	100		
111	40.4	18.6	56.0
148	65.6	31.8	95.4

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 1.085 ug/l m

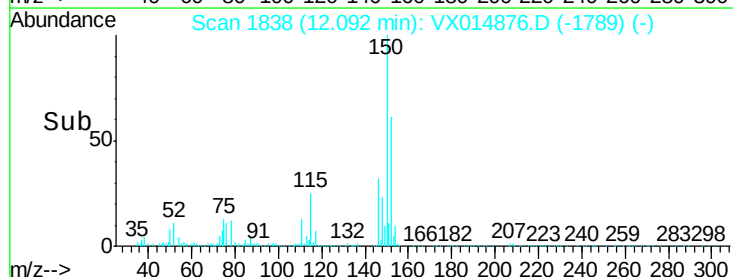
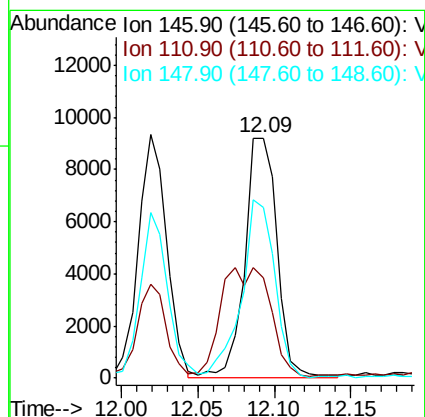
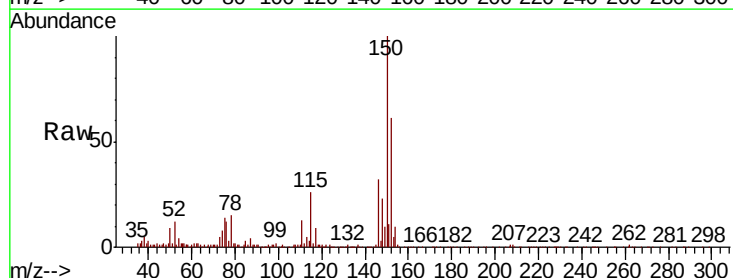
RT: 12.09 min Scan# 1838

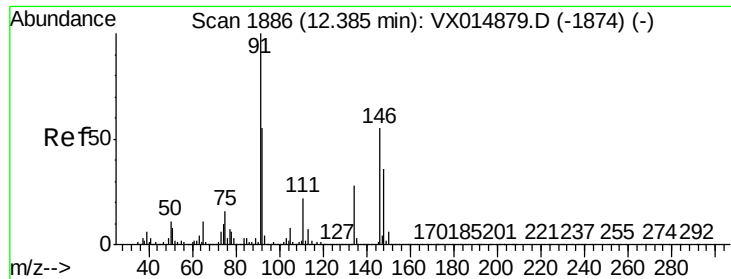
Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	146	Resp:	13618
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.6	55.6
148	58.8	32.4	97.0





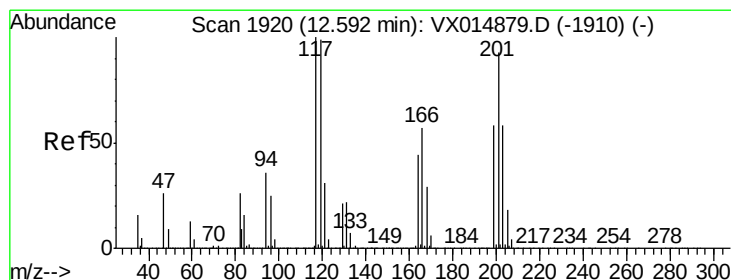
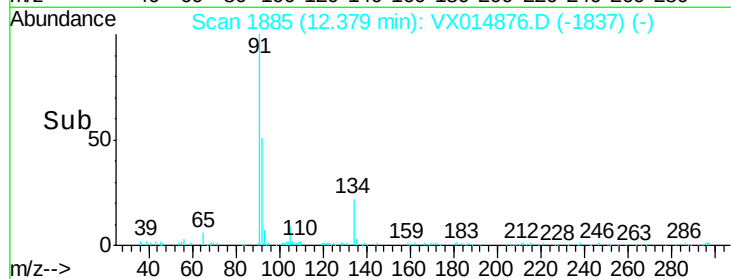
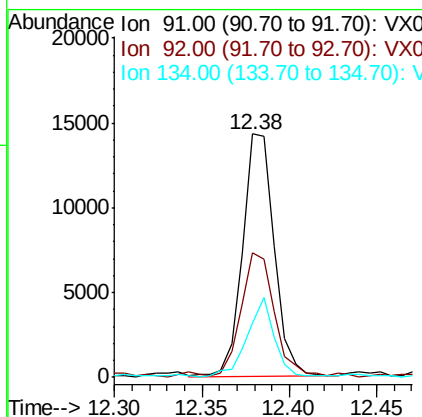
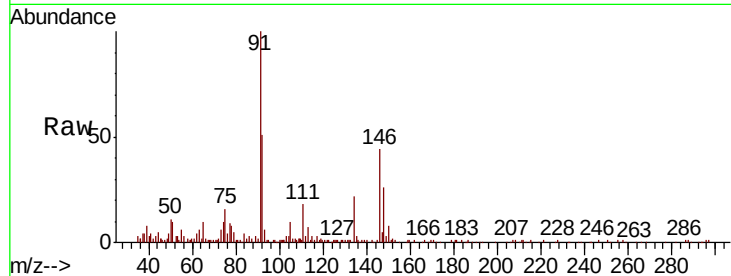
#89
n-Butylbenzene
Concen: 0.893 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	56.0	27.3	81.8
134	28.9	13.8	41.4

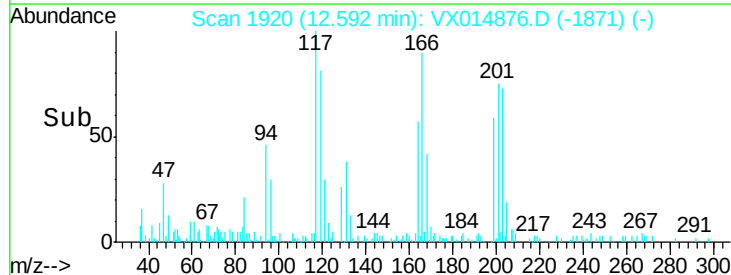
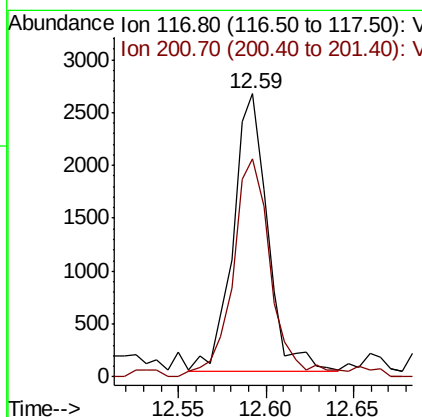
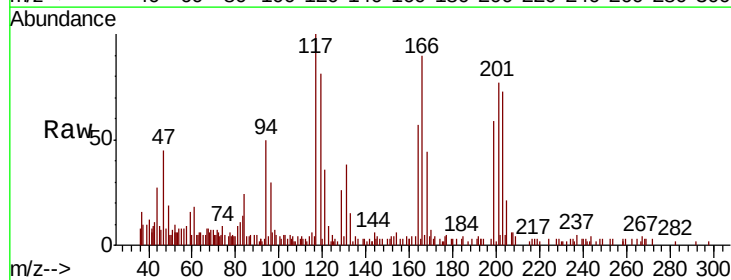
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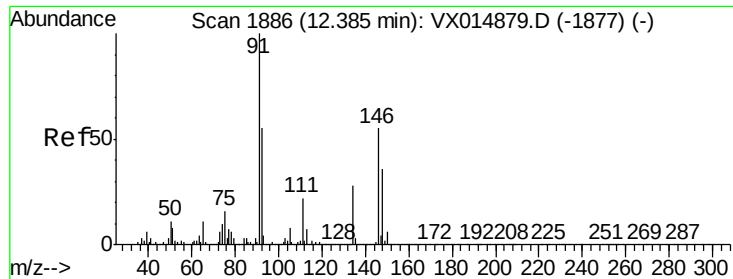
MMDadoda
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#90
Hexachloroethane
Concen: 0.932 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	44.8	134.3





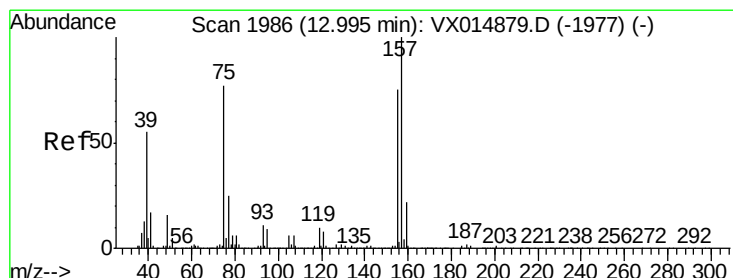
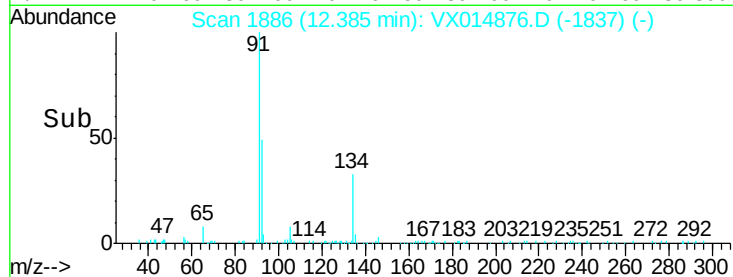
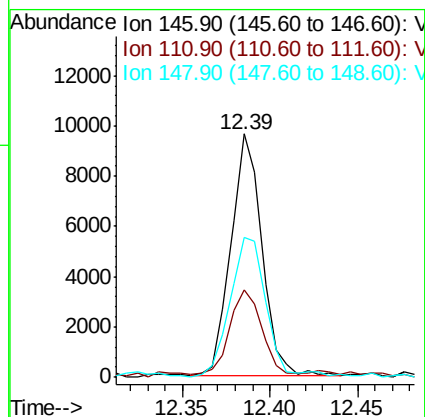
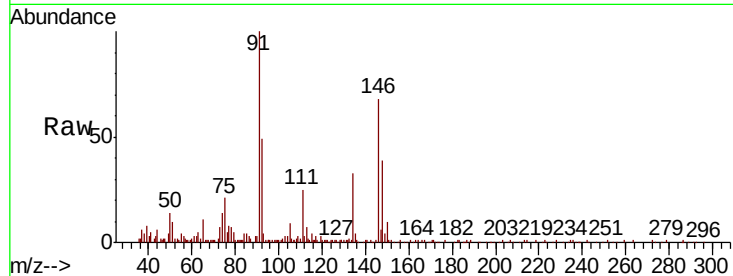
#91
 1,2-Dichlorobenzene
 Concen: 0.978 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.2	19.8	59.3
148	65.8	32.4	97.2

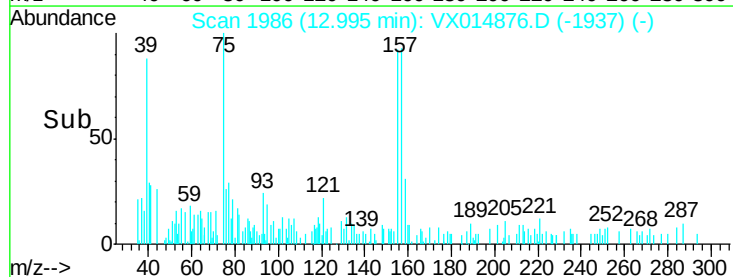
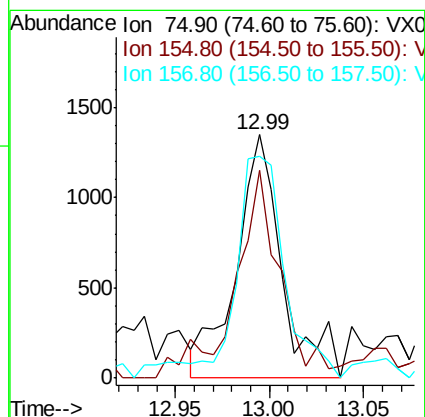
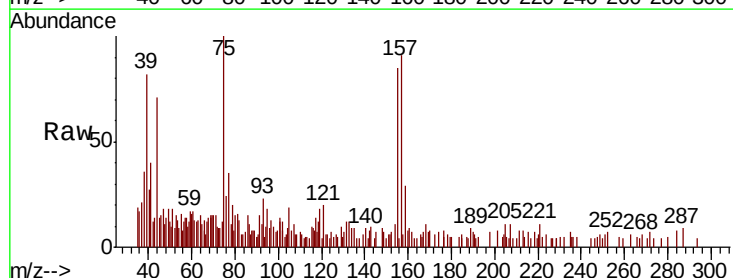
Manual Integrations
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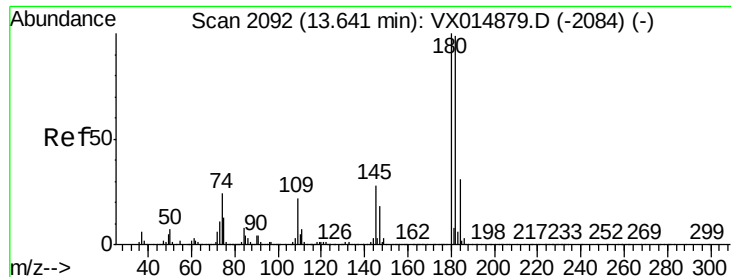
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.178 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	48.6	145.9
157	100.3	62.0	186.0





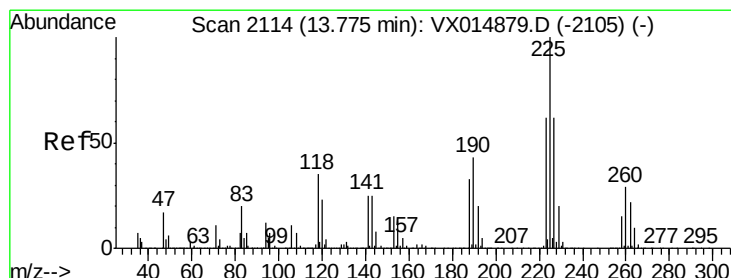
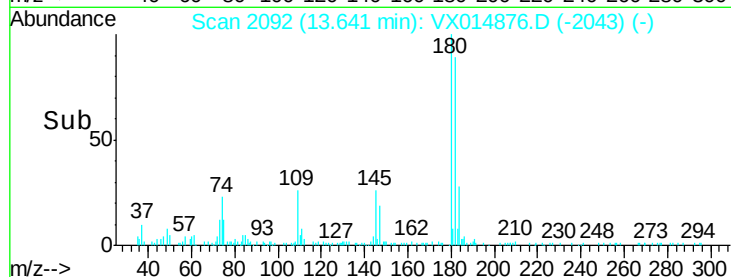
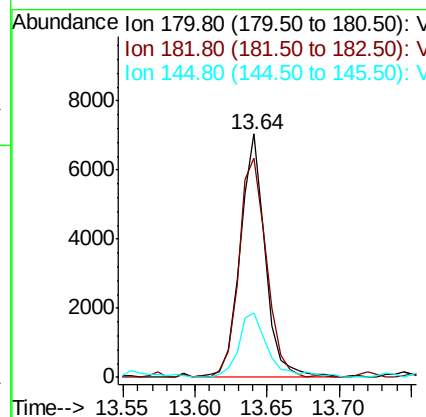
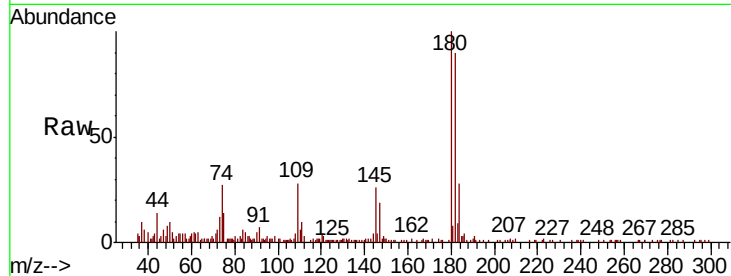
#93
 1,2,4-Trichlorobenzene
 Concen: 0.967 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	48.4	145.3
145	31.1	14.1	42.4

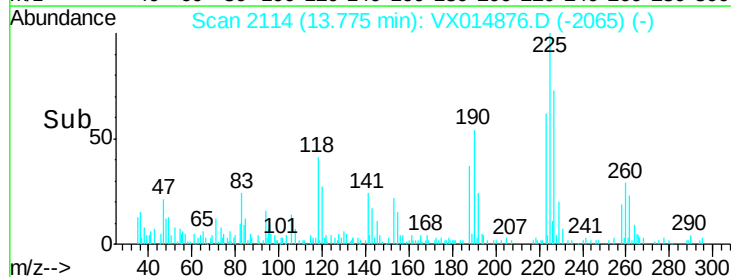
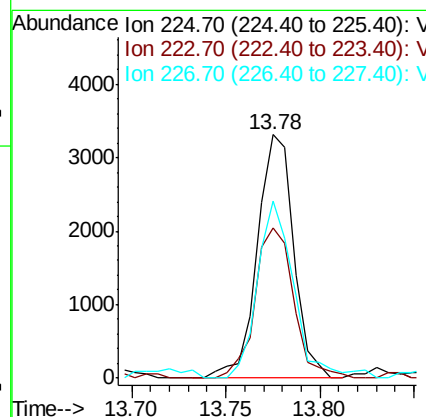
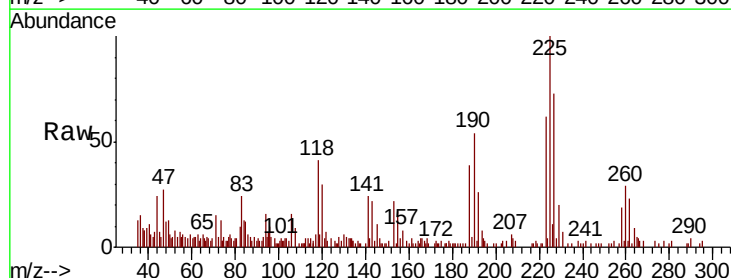
Manual Integrations
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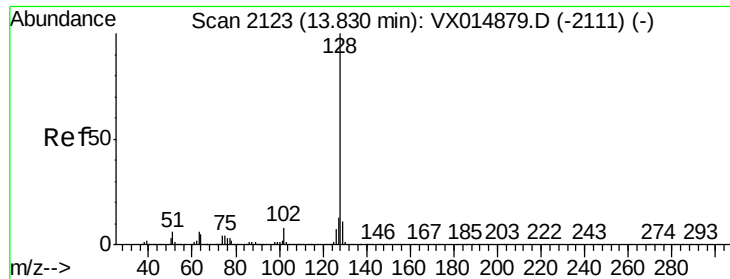
MMDadoda
 2/11/2020 10:35:57 AM



#94
 Hexachlorobutadiene
 Concen: 1.012 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.1	93.2
227	72.9	30.9	92.5





#95

Naphthalene

Concen: 0.795 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

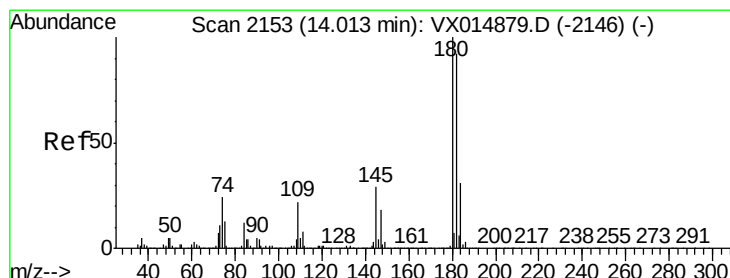
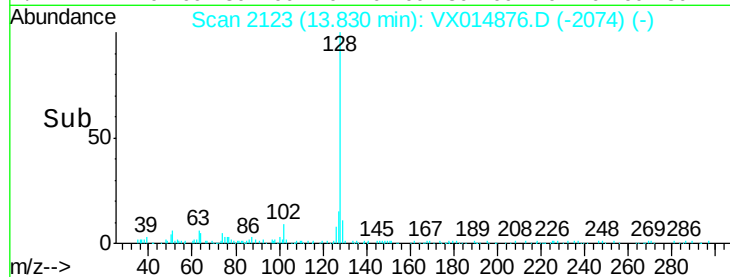
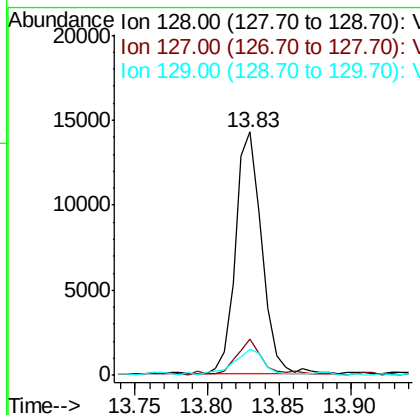
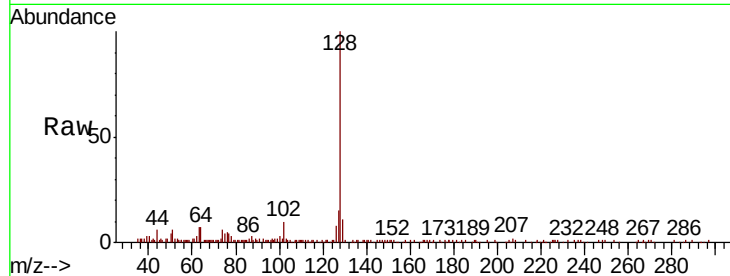
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	18270
Ion Ratio	Lower	Upper	
128	100		
127	15.7	10.4	15.6#
129	13.0	8.6	13.0#

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.927 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion:	180	Resp:	7980
Ion Ratio	Lower	Upper	
180	100		
182	103.6	47.5	142.6
145	35.2	14.5	43.5

