

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011788.D
 Acq On : 23 Aug 2019 11:22
 Operator : JC/SP
 Sample : VX0823WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:40:37 AM

Quant Time: Aug 26 02:09:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	419360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	540895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	497005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	273997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	176891	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	
35) Dibromofluoromethane	5.49	113	169461	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	8.71	98	626338	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	235642	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	71674	18.313	ug/l	99
3) Chloromethane	1.32	50	63480	18.495	ug/l	98
4) Vinyl Chloride	1.40	62	64636	18.838	ug/l	99
5) Bromomethane	1.64	94	39688	20.997	ug/l	95
6) Chloroethane	1.71	64	39082	19.482	ug/l	96
7) Trichlorofluoromethane	1.92	101	101357	18.554	ug/l	98
8) Diethyl Ether	2.18	74	34230	18.428	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59546	17.615	ug/l	94
10) Methyl Iodide	2.50	142	71693	17.364	ug/l	99
11) Tert butyl alcohol	3.03	59	66094	79.397	ug/l	97
12) 1,1-Dichloroethene	2.37	96	58685	17.804	ug/l	99
13) Acrolein	2.28	56	27435	85.258	ug/l	95
14) Allyl chloride	2.72	41	87543	16.993	ug/l	95
15) Acrylonitrile	3.13	53	160012	84.038	ug/l	98
16) Acetone	2.43	43	140265	76.541	ug/l	96
17) Carbon Disulfide	2.56	76	140861	16.902	ug/l	100
18) Methyl Acetate	2.76	43	90253	18.150	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	185622	17.556	ug/l	97
20) Methylene Chloride	2.85	84	63768	17.020	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	62183	17.491	ug/l	98
22) Diisopropyl ether	3.84	45	177547	17.772	ug/l	93
23) Vinyl Acetate	3.81	43	719540	86.992	ug/l	98
24) 1,1-Dichloroethane	3.68	63	105158	17.828	ug/l	99
25) 2-Butanone	4.66	43	221743	84.301	ug/l	99
26) 2,2-Dichloropropane	4.57	77	80773	16.126	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	71707	17.588	ug/l	97
28) Bromochloromethane	5.01	49	49759	18.584	ug/l	92
29) Tetrahydrofuran	5.12	42	143541	85.130	ug/l	99
30) Chloroform	5.20	83	109435	17.101	ug/l	99
31) Cyclohexane	5.57	56	92869	17.928	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	93350	16.782	ug/l	99
36) 1,1-Dichloropropene	5.79	75	78981	18.621	ug/l	95
37) Ethyl Acetate	4.82	43	83429	18.587	ug/l	99
38) Carbon Tetrachloride	5.78	117	84076	17.490	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103022	19.600	ug/l	98
40) Benzene	6.13	78	245266	18.693	ug/l	99
41) Methacrylonitrile	5.03	41	46122	17.668	ug/l	98
42) 1,2-Dichloroethane	6.18	62	82472	17.194	ug/l	96
43) Isopropyl Acetate	6.43	43	123223	16.961	ug/l	97
44) Trichloroethene	7.21	130	76626	18.945	ug/l	100
45) 1,2-Dichloropropane	7.51	63	61199	18.556	ug/l	99
46) Dibromomethane	7.65	93	43065	17.711	ug/l	96
47) Bromodichloromethane	7.89	83	79125	18.077	ug/l	97
48) Methyl methacrylate	7.76	41	63799	17.646	ug/l	98
49) 1,4-Dioxane	7.73	88	33323	332.646	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	410659	85.785	ug/l	98
52) Toluene	8.78	92	158008	18.609	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	78846	17.159	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90980	18.150	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	65915	18.633	ug/l	97
56) Ethyl methacrylate	9.17	69	92570	18.400	ug/l	97
57) 1,3-Dichloropropane	9.37	76	101978	17.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	257346	97.240	ug/l	97
59) 2-Hexanone	9.49	43	322869	87.874	ug/l	98
60) Dibromochloromethane	9.58	129	69603	18.198	ug/l	99
61) 1,2-Dibromoethane	9.66	107	72022	18.974	ug/l	99
64) Tetrachloroethene	9.33	164	79987	20.173	ug/l	100
65) Chlorobenzene	10.13	112	185470	19.114	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	69172	19.027	ug/l	98
67) Ethyl Benzene	10.25	91	306329	18.891	ug/l	98
68) m/p-Xylenes	10.35	106	241768	38.668	ug/l	99
69) o-Xylene	10.69	106	116802	19.027	ug/l	97
70) Styrene	10.71	104	199174	19.396	ug/l	96
71) Bromoform	10.85	173	56007	17.858	ug/l #	98
73) Isopropylbenzene	11.01	105	312178	18.906	ug/l	99
74) N-amyl acetate	10.90	43	109571	17.140	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	96352	17.629	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	83583m	17.385	ug/l	
77) Bromobenzene	11.25	156	92491	19.000	ug/l	95
78) n-propylbenzene	11.35	91	340998	19.313	ug/l	99
79) 2-Chlorotoluene	11.42	91	203492	18.525	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	266228	19.324	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	26360	16.535	ug/l	94
82) 4-Chlorotoluene	11.51	91	233870	18.471	ug/l	97
83) tert-Butylbenzene	11.77	119	265227	19.513	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	263471	18.938	ug/l	99
85) sec-Butylbenzene	11.94	105	301584	19.396	ug/l	98
86) p-Isopropyltoluene	12.06	119	290280	19.404	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	161220	19.233	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	160517	18.926	ug/l	99
89) n-Butylbenzene	12.38	91	227115	18.339	ug/l	98
90) Hexachloroethane	12.59	117	42734	18.387	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	158966	18.802	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20337	16.008	ug/l	94

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ClientSampleId :
VX0823WBS01

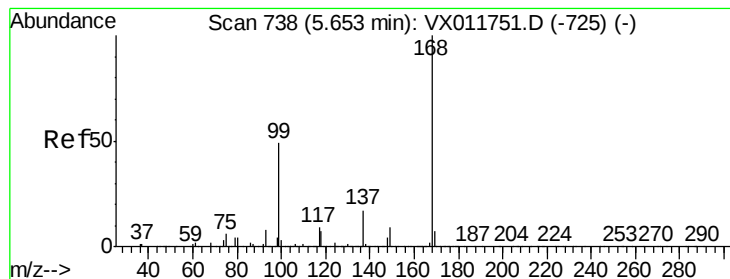
Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111635	17.950	ug/l	99
94) Hexachlorobutadiene	13.78	225	65190	19.129	ug/l	99
95) Naphthalene	13.83	128	305888	17.858	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	116730	18.693	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion:168 Resp: 419360

Ion Ratio Lower Upper

168 100

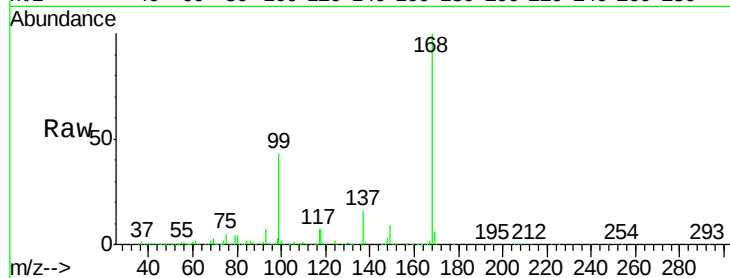
99 43.2 39.4 59.2

Manual Integrations

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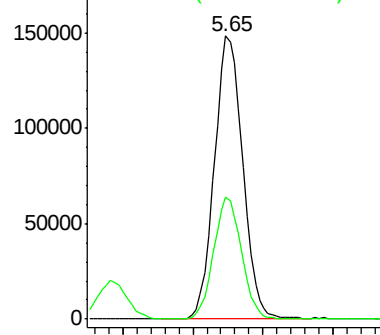
MMDadoda

8/26/2019 11:40:37 AM

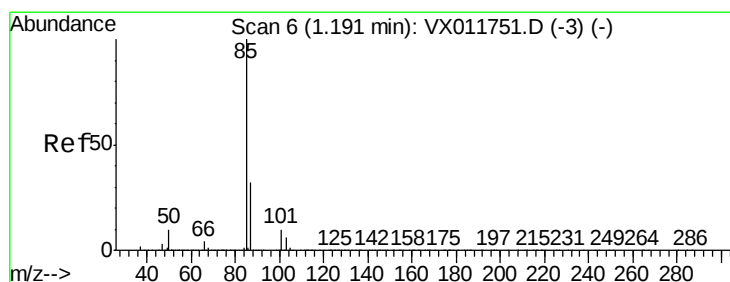
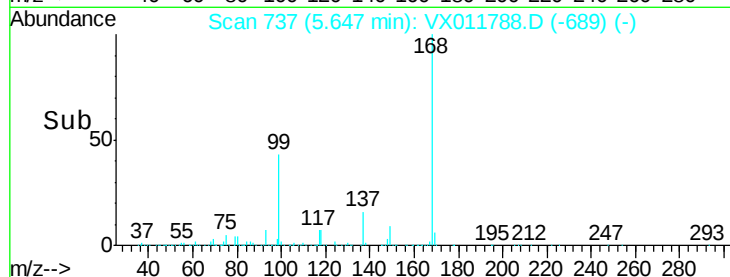


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 18.313 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011788.D

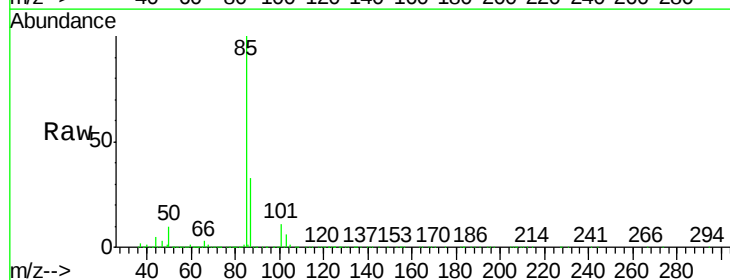
Acq: 23 Aug 2019 11:22

Tgt Ion: 85 Resp: 71674

Ion Ratio Lower Upper

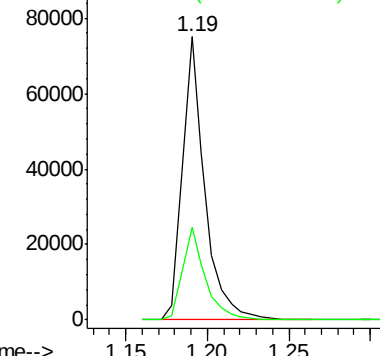
85 100

87 32.6 16.1 48.2

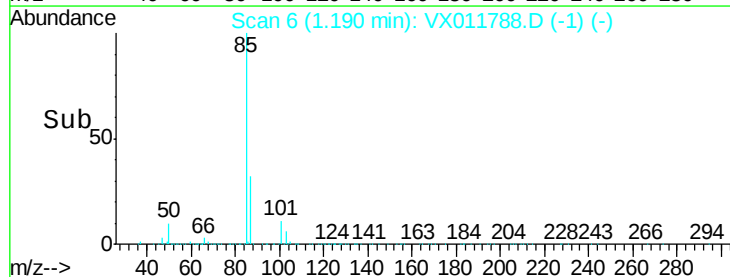


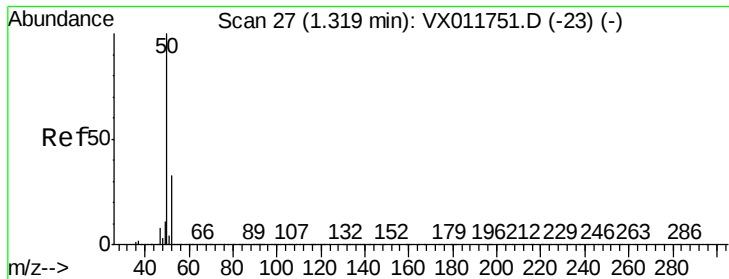
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 18.495 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 50 Resp: 63480

Ion Ratio Lower Upper

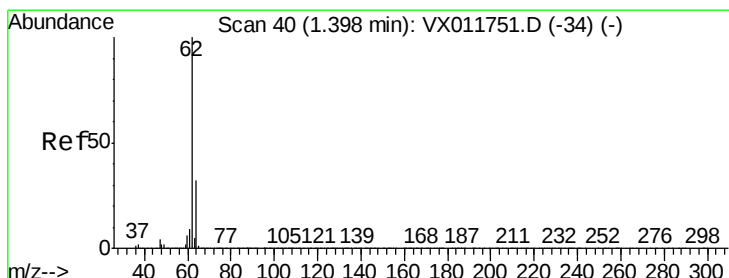
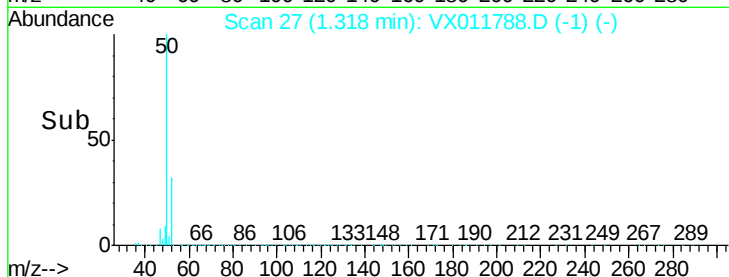
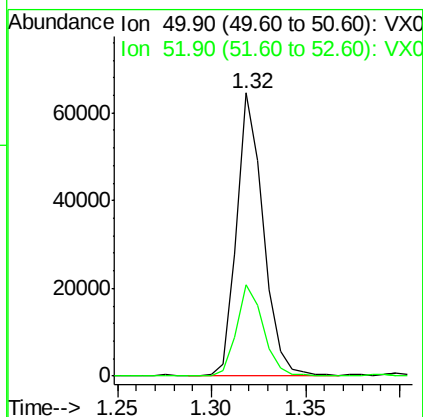
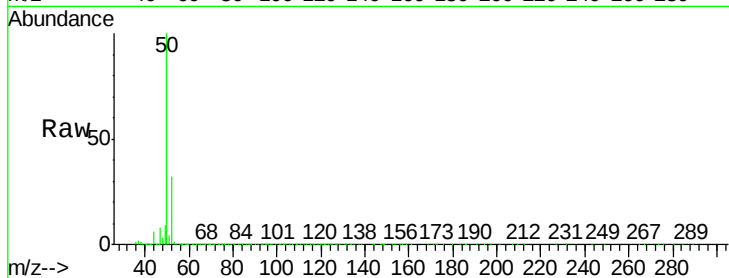
50 100

52 32.0 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.838 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011788.D

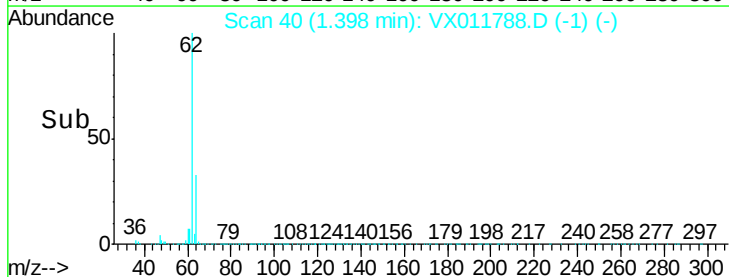
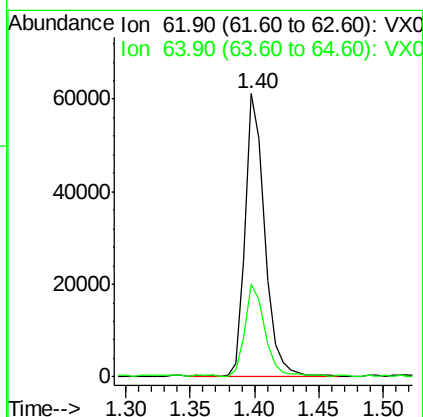
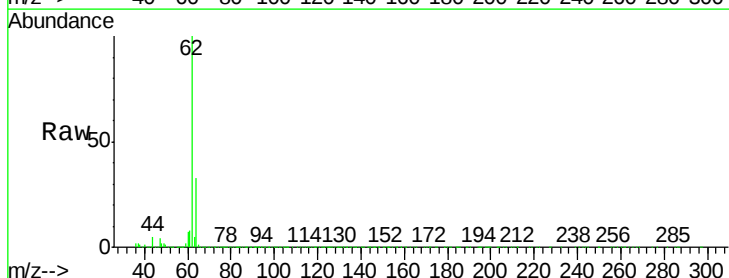
Acq: 23 Aug 2019 11:22

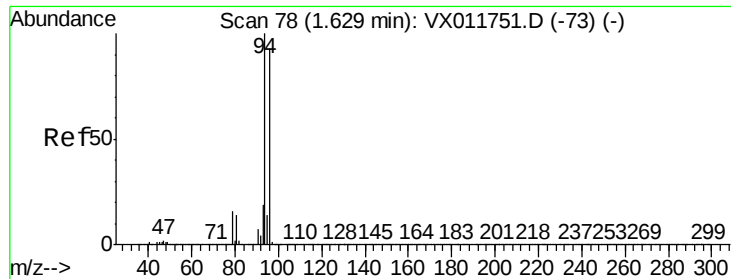
Tgt Ion: 62 Resp: 64636

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3





#5

Bromomethane

Concen: 20.997 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 94 Resp: 39688

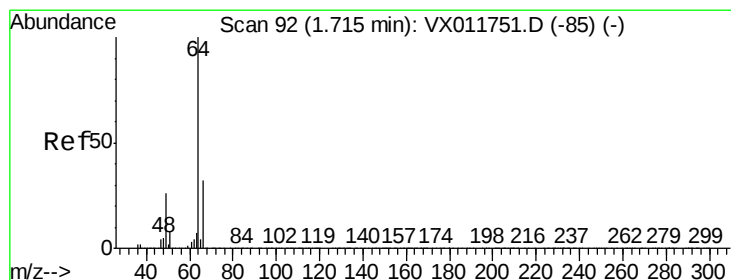
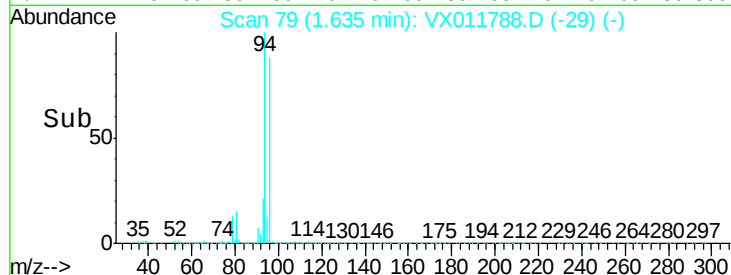
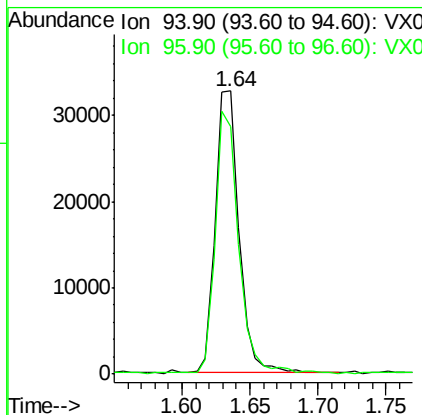
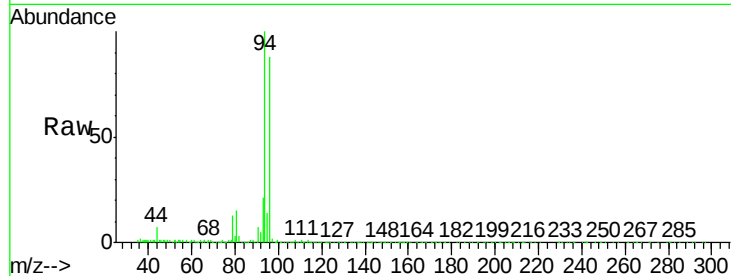
Ion Ratio Lower Upper

94 100

96 87.6 74.1 111.1

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#6

Chloroethane

Concen: 19.482 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011788.D

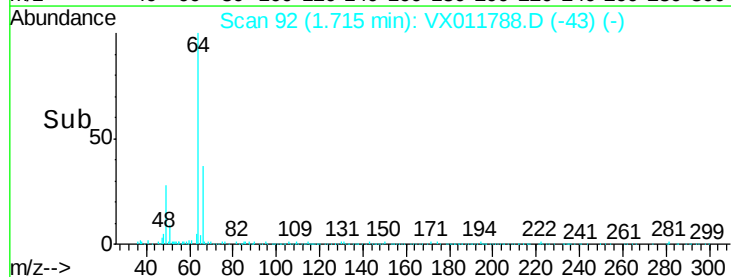
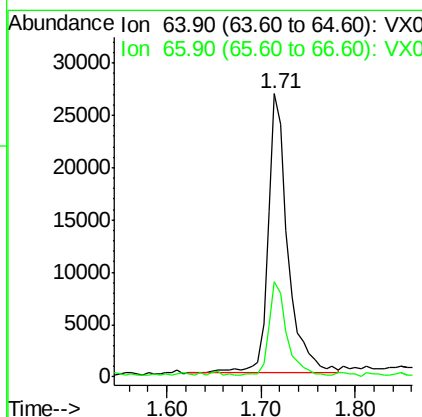
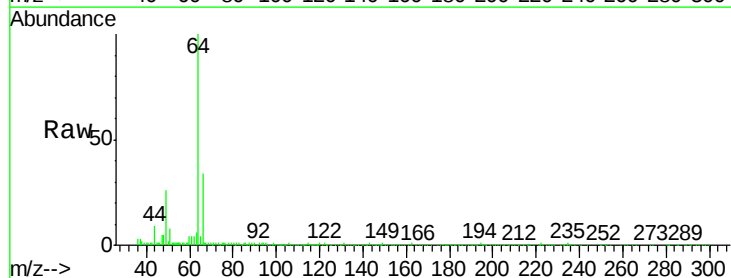
Acq: 23 Aug 2019 11:22

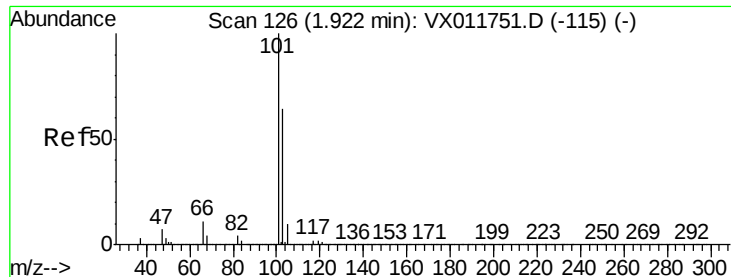
Tgt Ion: 64 Resp: 39082

Ion Ratio Lower Upper

64 100

66 33.2 24.9 37.3





#7

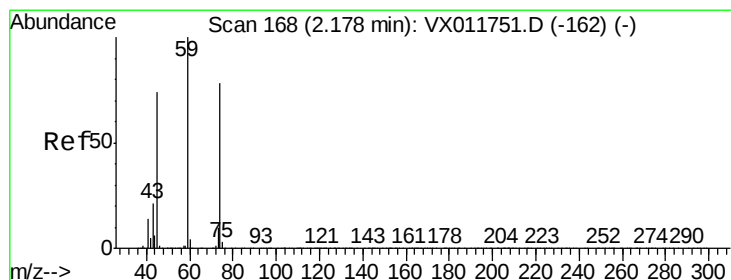
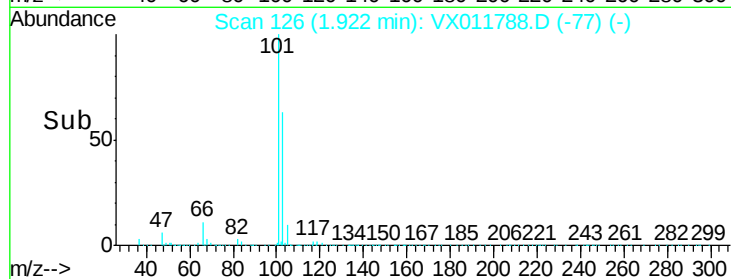
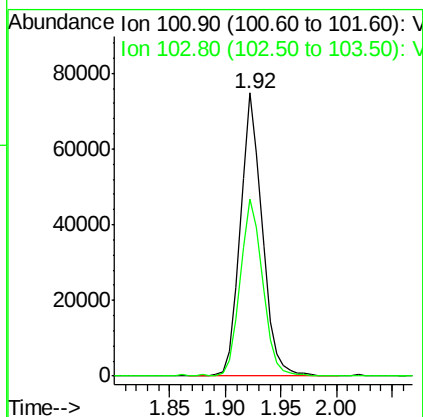
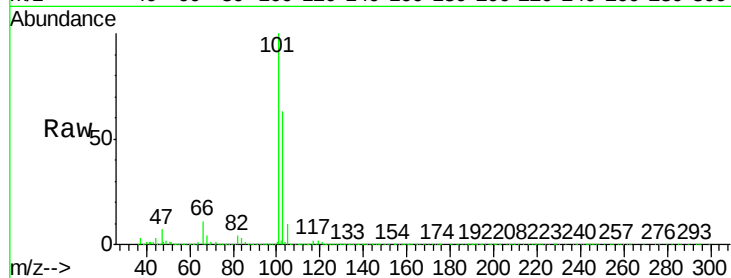
Trichlorofluoromethane
Concen: 18.554 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

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VX0823WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	101357		
103	62.8	51.2	76.8	

Manual Integrations
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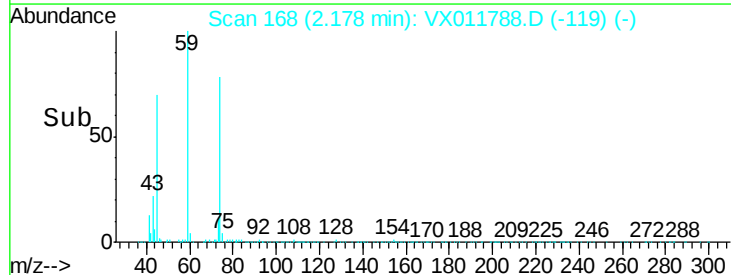
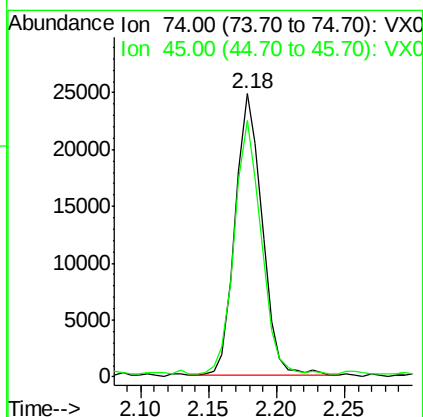
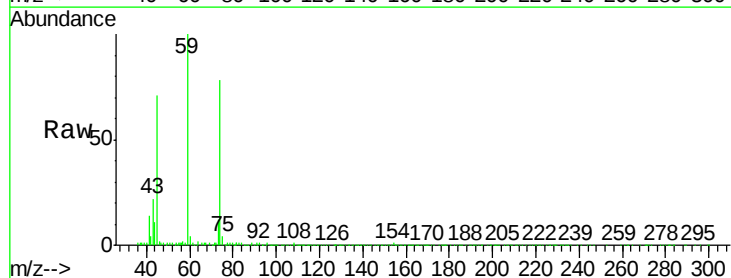
MMDadoda
8/26/2019 11:40:37 AM

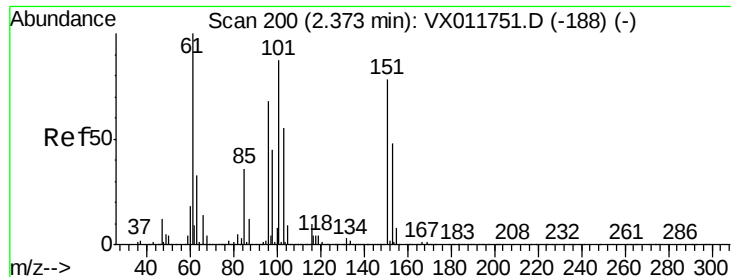


#8

Diethyl Ether
Concen: 18.428 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	34230		
45	90.1	46.7	140.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.615 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

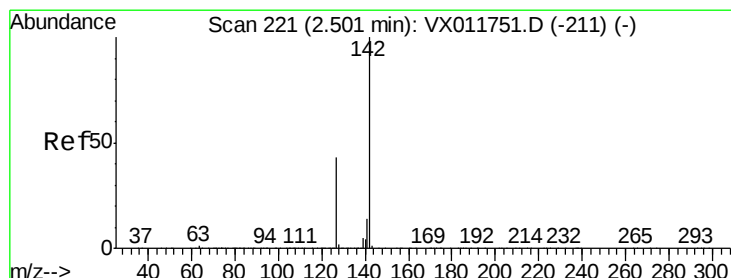
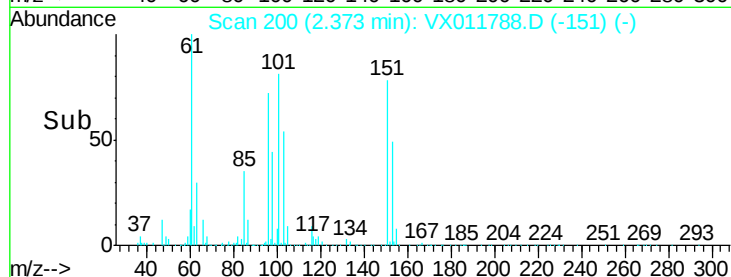
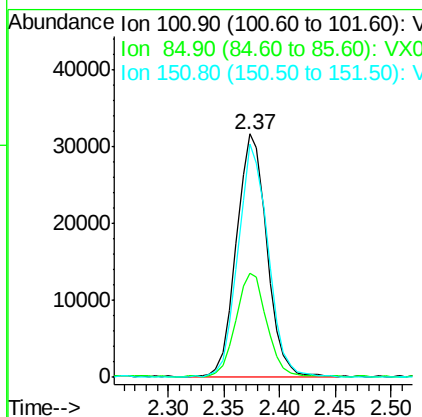
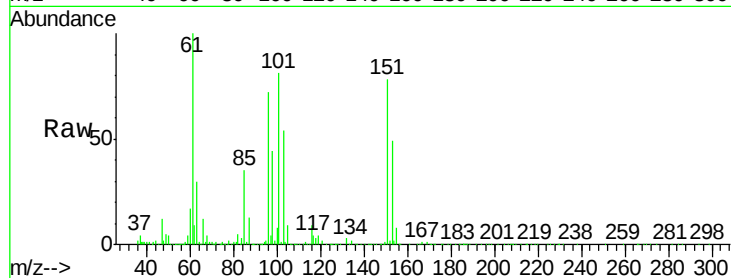
ClientSampleId :

VX0823WBS01

Tot Ion:	101	Resp:	59546
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.7	50.5
151	96.0	71.4	107.2

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#10

Methyl Iodide

Concen: 17.364 ug/l

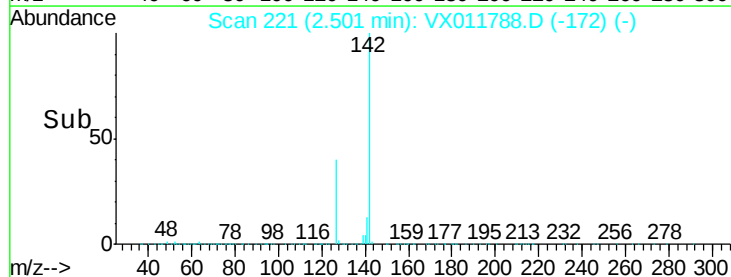
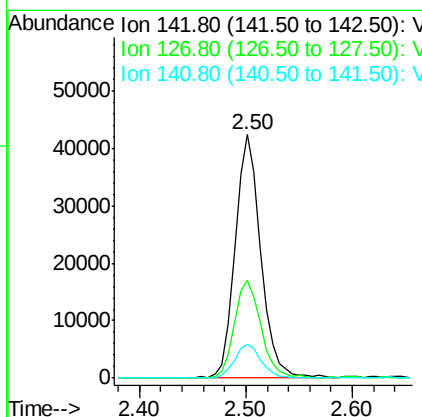
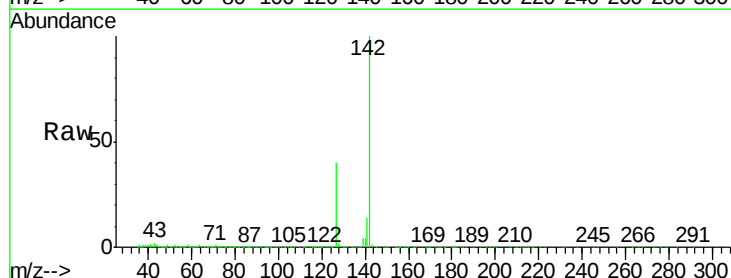
RT: 2.50 min Scan# 221

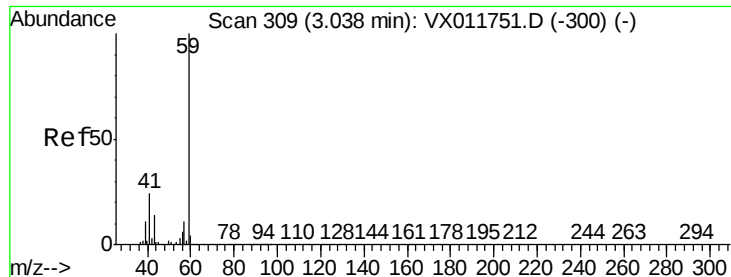
Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion:	142	Resp:	71693
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.5	50.3
141	14.7	11.4	17.2





#11

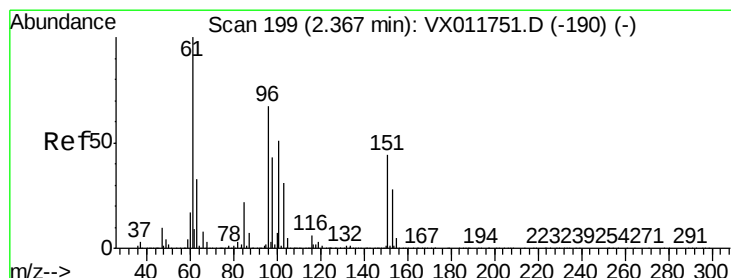
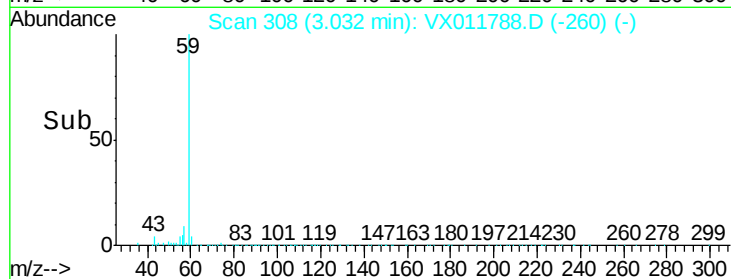
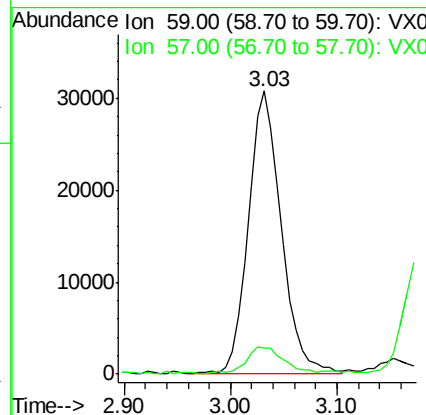
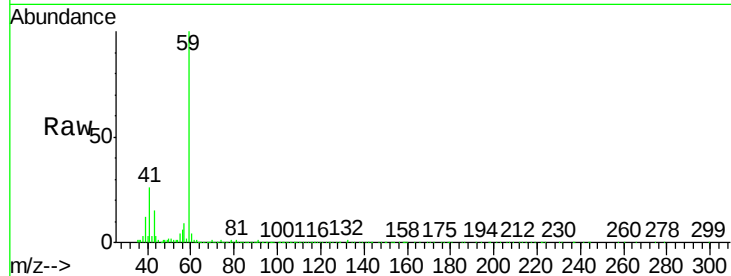
Tert butyl alcohol
Concen: 79.397 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	59	Resp	66094
Ion Ratio	100	Lower	Upper
57	11.5	8.4	12.6

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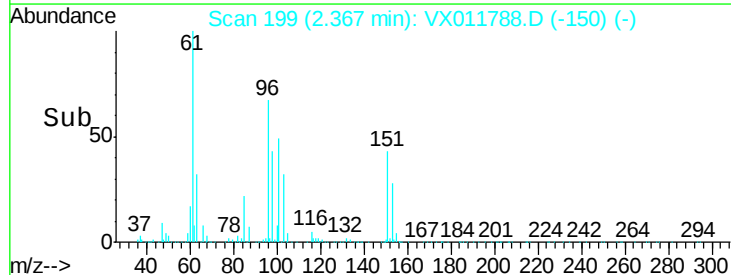
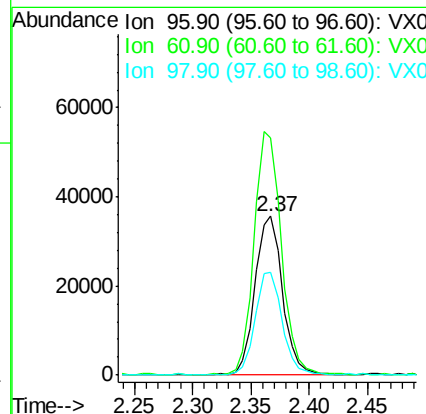
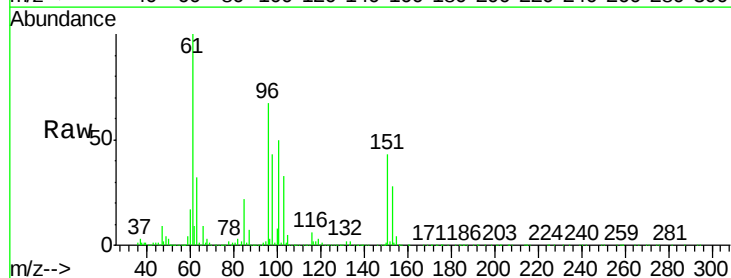
MMDadoda
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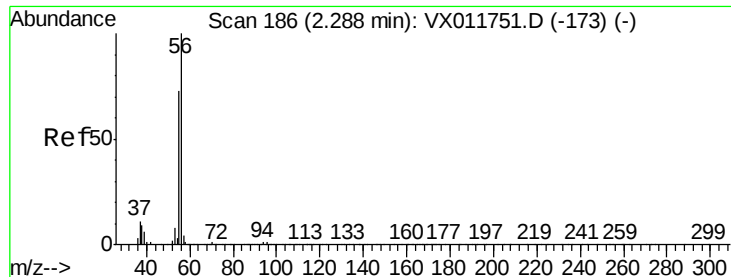


#12

1,1-Dichloroethene
Concen: 17.804 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	96	Resp	58685
Ion Ratio	100	Lower	Upper
61	148.8	119.4	179.2
98	64.7	51.2	76.8





#13

Acrolein

Concen: 85.258 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 56 Resp: 27435

Ion Ratio Lower Upper

56 100

55 72.5

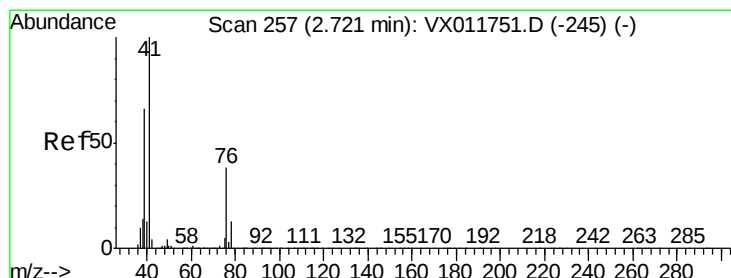
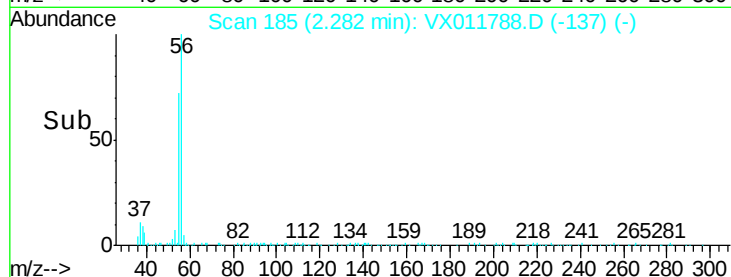
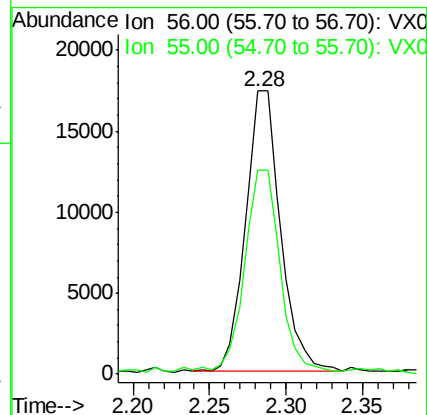
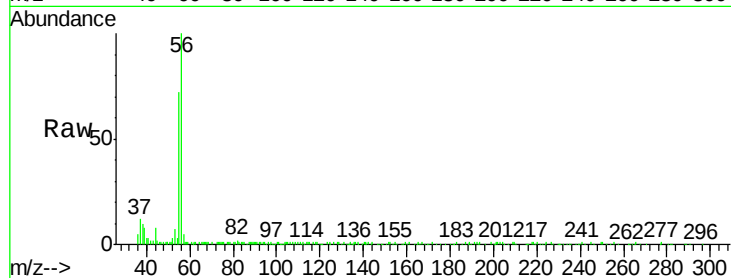
54.8

82.2

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#14

Allyl chloride

Concen: 16.993 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion: 41 Resp: 87543

Ion Ratio Lower Upper

41 100

39 66.7

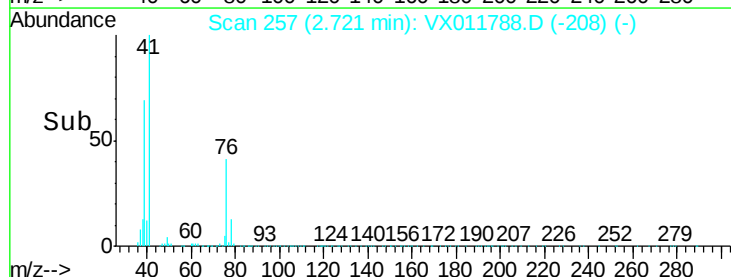
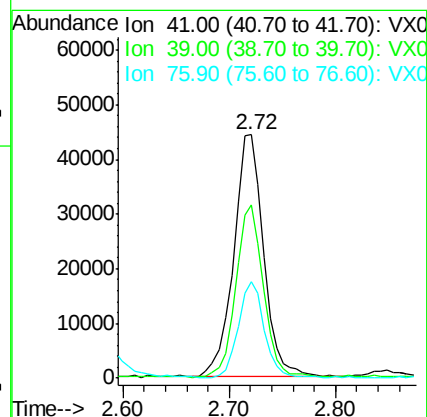
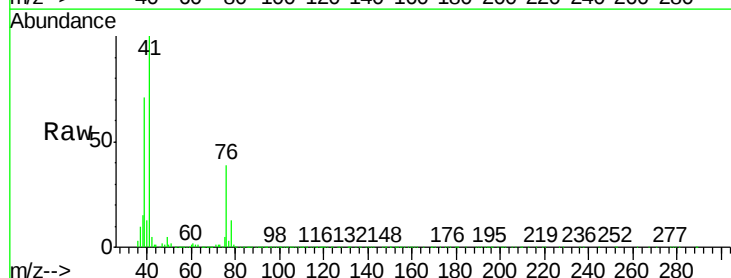
49.3

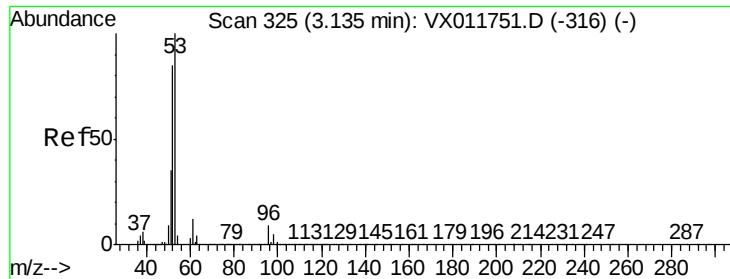
73.9

76 34.0

26.8

40.2





#15

Acrylonitrile

Concen: 84.038 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

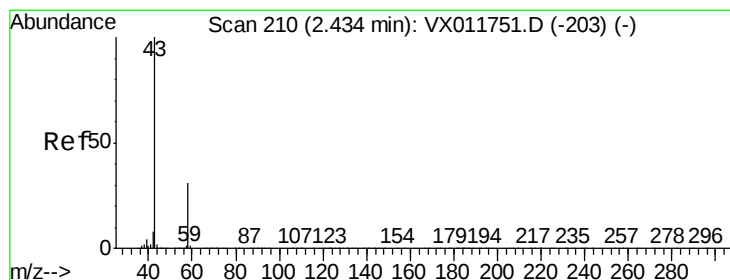
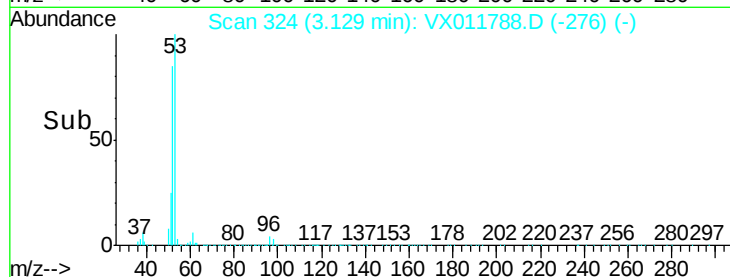
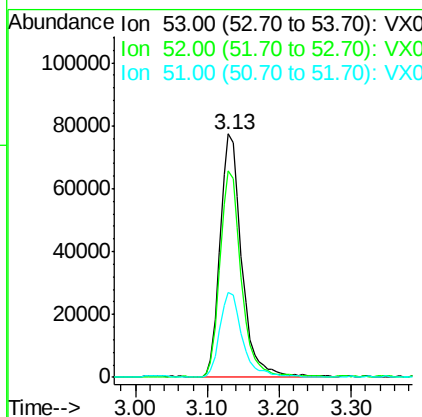
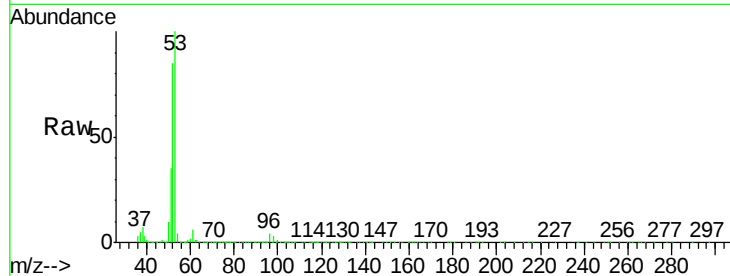
ClientSampleId :

VX0823WBS01

Tot Ion:	53	Resp:	160012
Ion Ratio		Lower	Upper
53	100		
52	83.7	65.7	98.5
51	36.4	28.6	43.0

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#16

Acetone

Concen: 76.541 ug/l

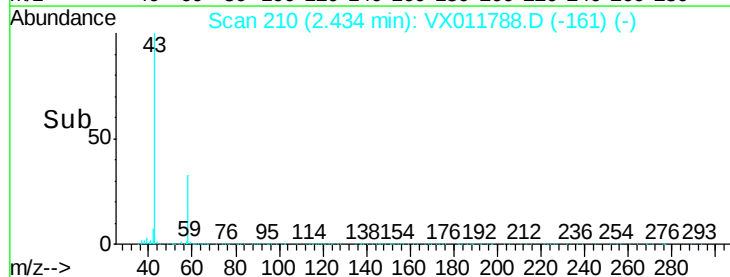
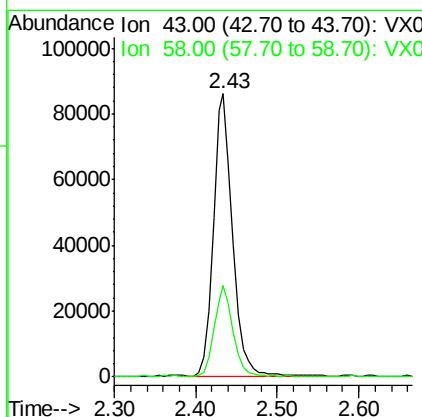
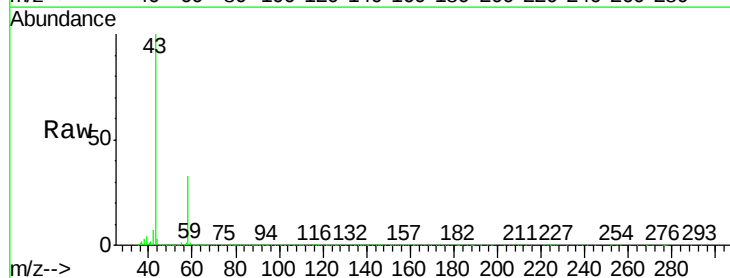
RT: 2.43 min Scan# 210

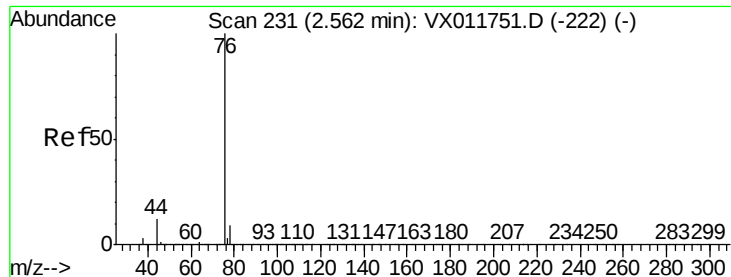
Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion:	43	Resp:	140265
Ion Ratio		Lower	Upper
43	100		
58	32.5	24.4	36.6





#17

Carbon Disulfide

Concen: 16.902 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 76 Resp: 140861

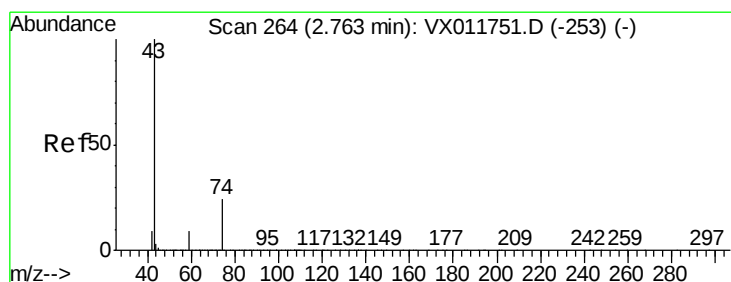
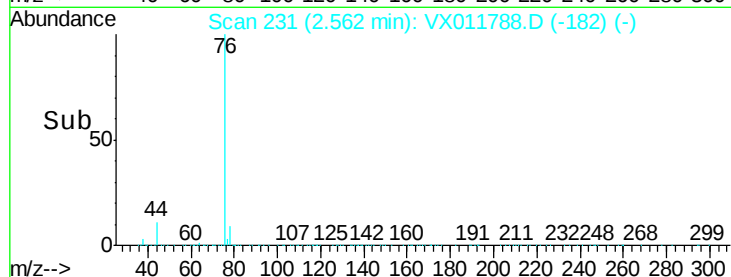
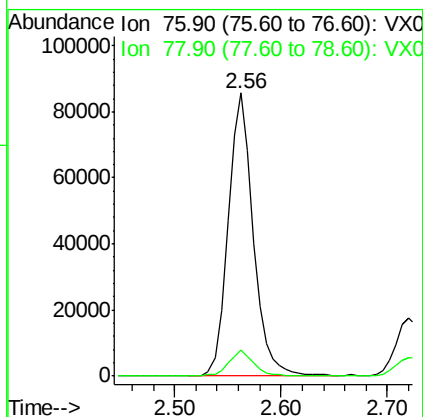
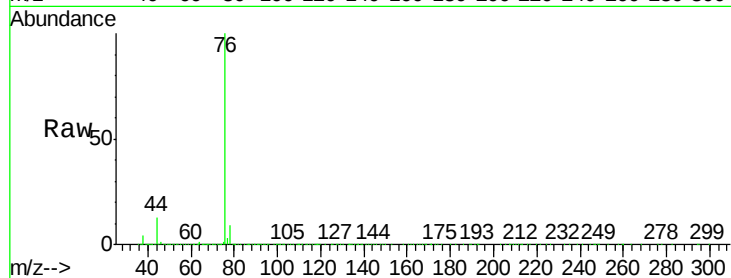
Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

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#18

Methyl Acetate

Concen: 18.150 ug/l

RT: 2.76 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX011788.D

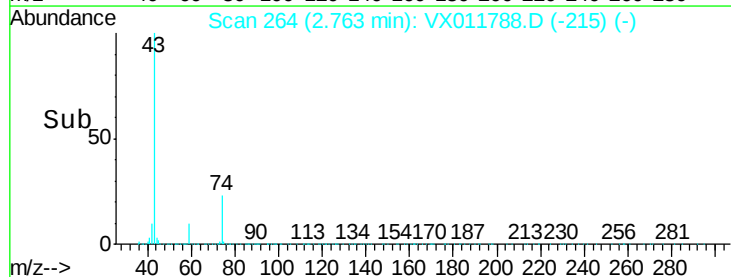
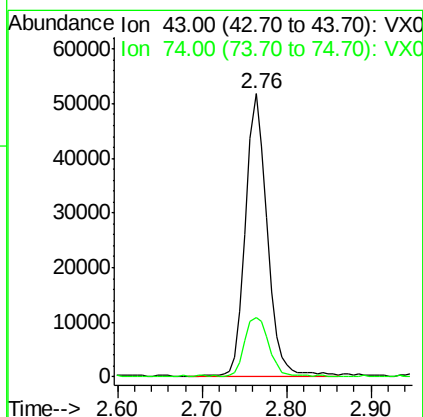
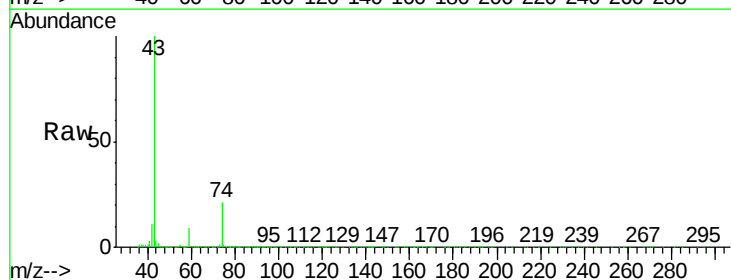
Acq: 23 Aug 2019 11:22

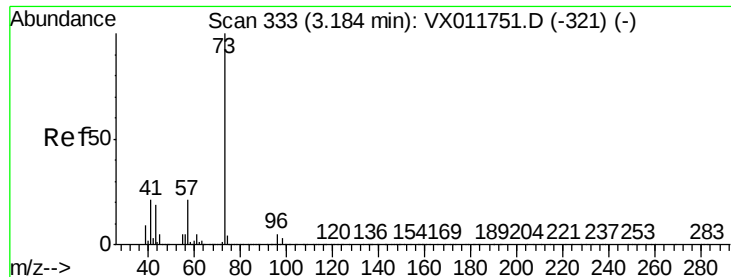
Tgt Ion: 43 Resp: 90253

Ion Ratio Lower Upper

43 100

74 22.2 19.5 29.3





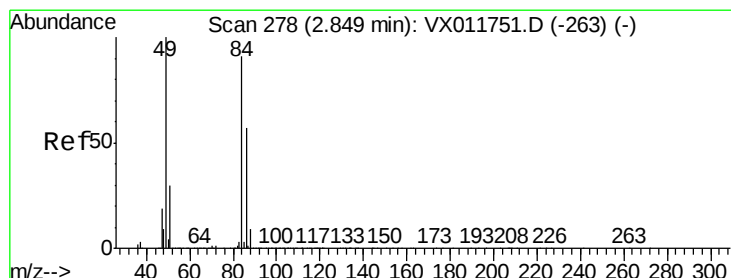
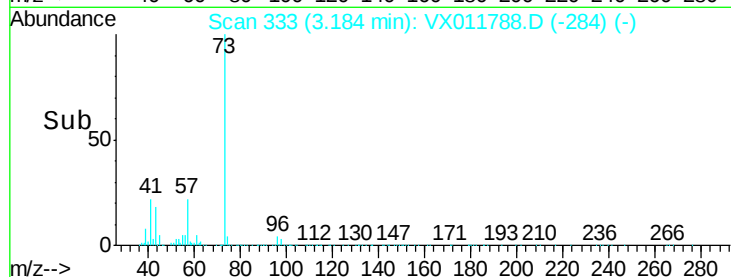
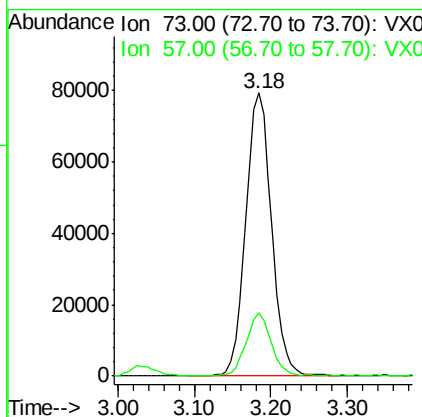
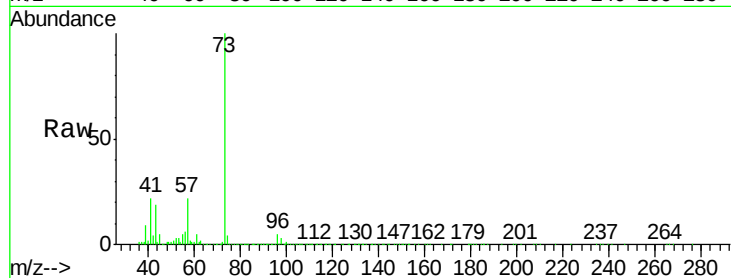
#19
Methvl tert-butvl Ether
Concen: 17.556 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	16.4	24.6

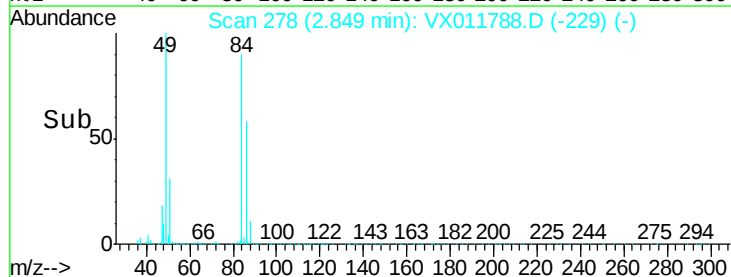
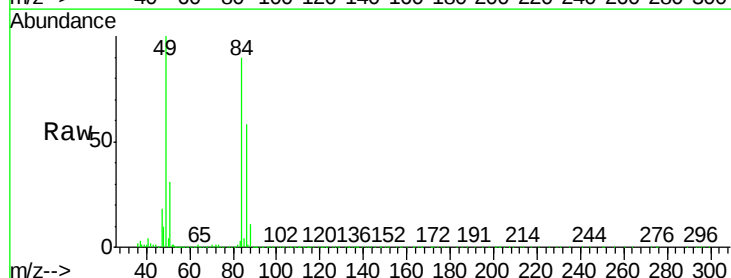
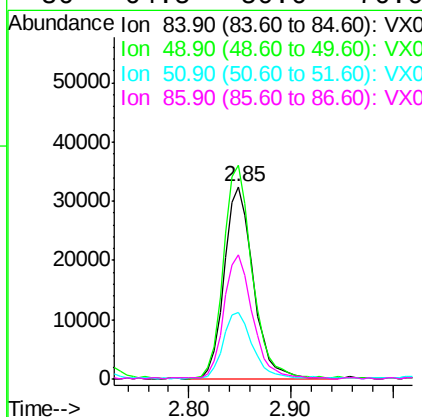
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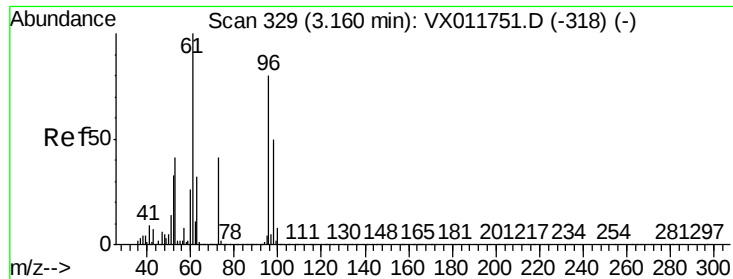
MMDadoda
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#20
Methylene Chloride
Concen: 17.020 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.4	88.3	132.5
51	34.2	26.2	39.2
86	64.5	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 17.491 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

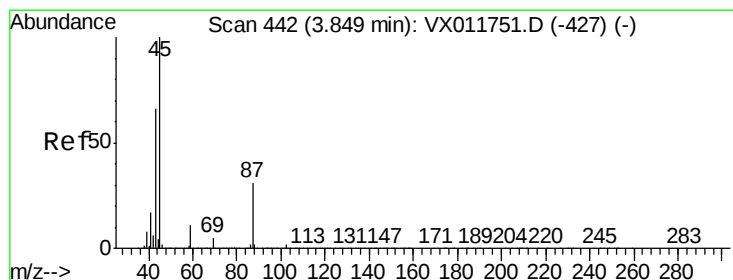
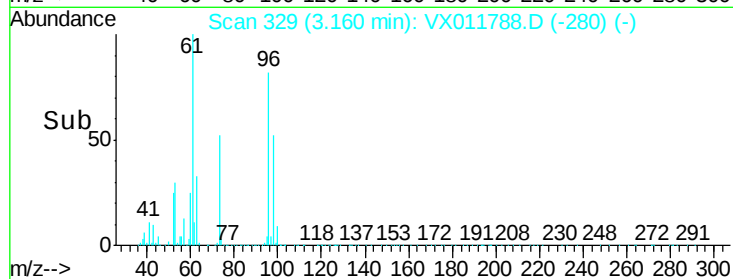
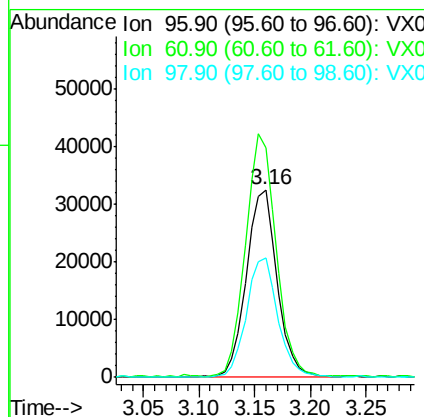
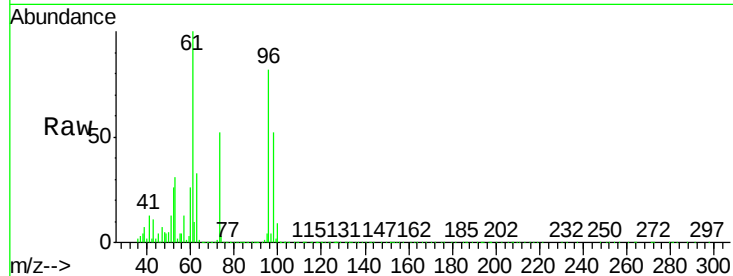
ClientSampleId :

VX0823WBS01

Tot Ion:	96	Resp:	62183
Ion Ratio	Lower	Upper	
96	100		
61	121.6	99.8	149.8
98	63.3	50.3	75.5

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#22

Diisopropyl ether

Concen: 17.772 ug/l

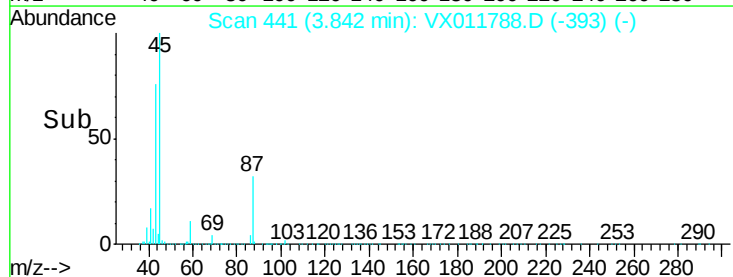
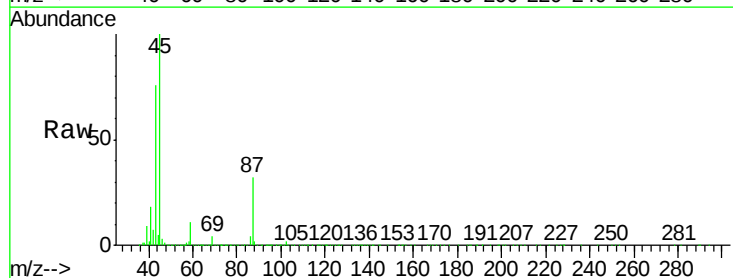
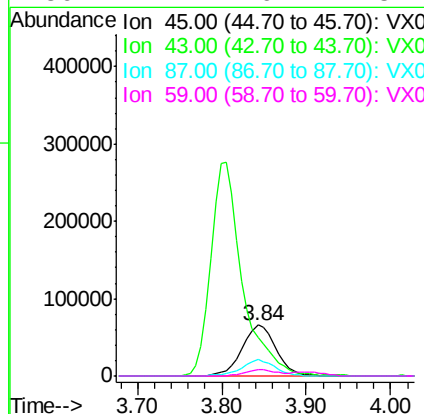
RT: 3.84 min Scan# 441

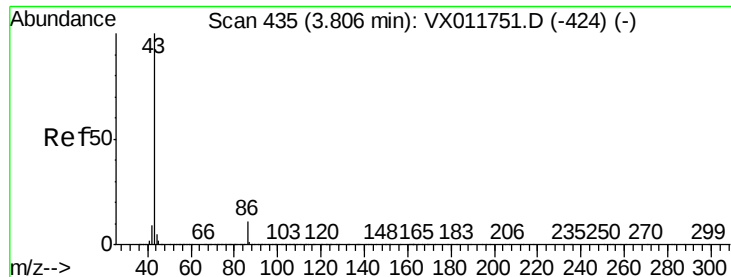
Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion:	45	Resp:	177547
Ion Ratio	Lower	Upper	
45	100		
43	74.9	53.0	79.6
87	31.7	24.7	37.1
59	11.2	9.1	13.7





#23

Vinyl Acetate

Concen: 86.992 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 43 Resp: 719540

Ion Ratio Lower Upper

43 100

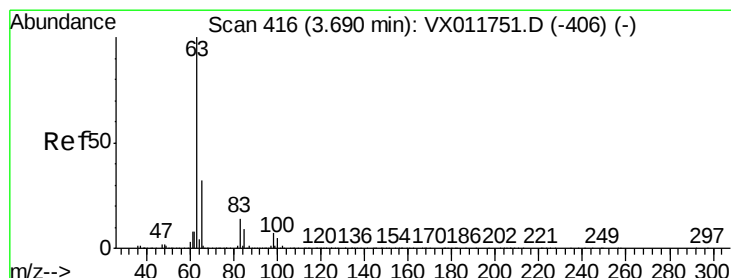
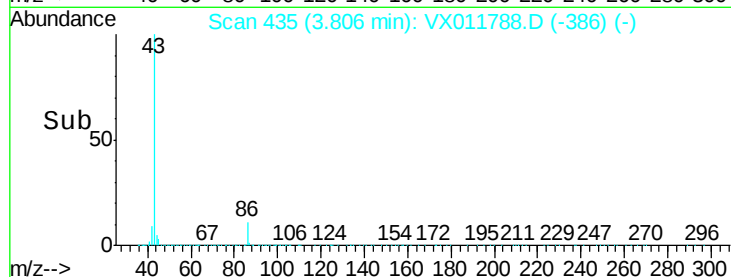
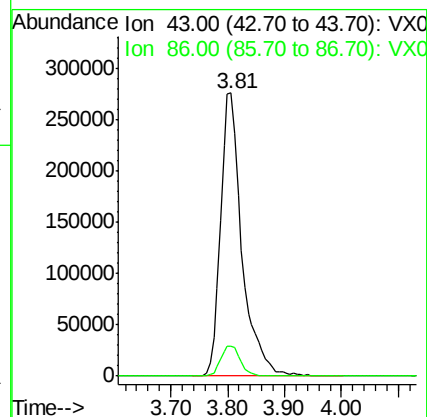
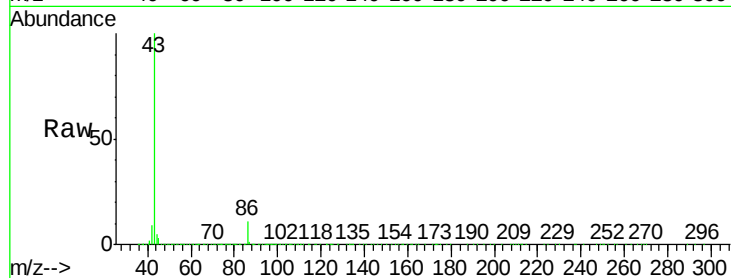
86 10.7 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.828 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

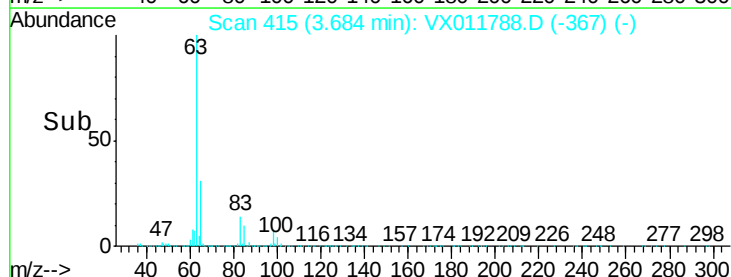
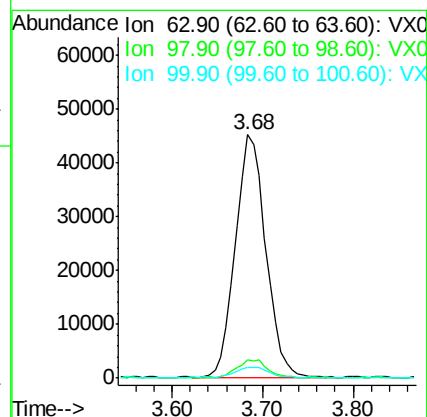
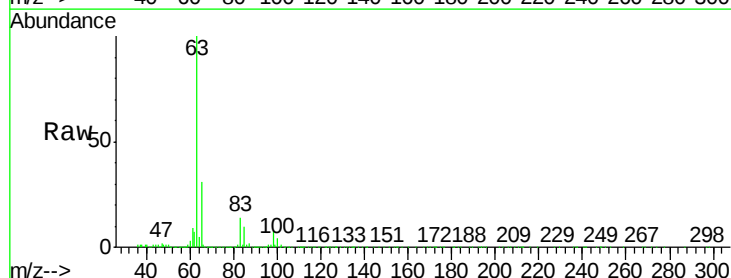
Tgt Ion: 63 Resp: 105158

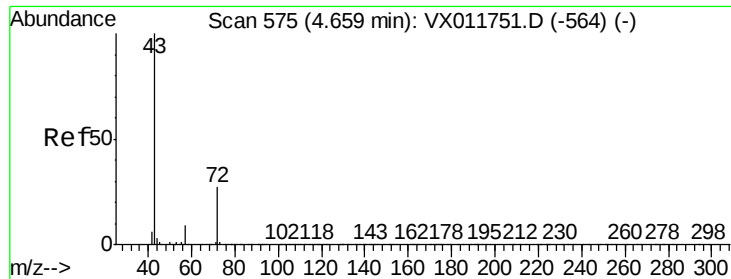
Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

100 4.1 2.3 6.9





#25

2-Butanone

Concen: 84.301 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 43 Resp: 221743

Ion Ratio Lower Upper

43 100

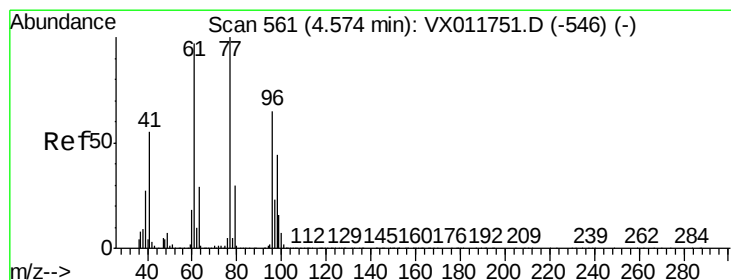
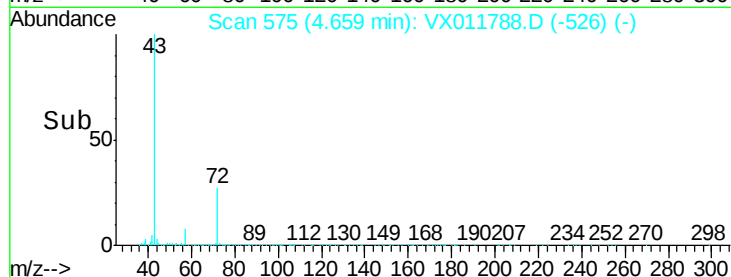
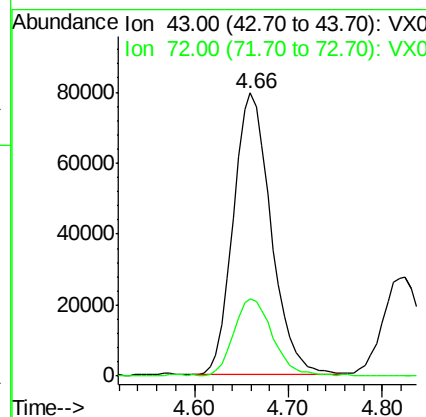
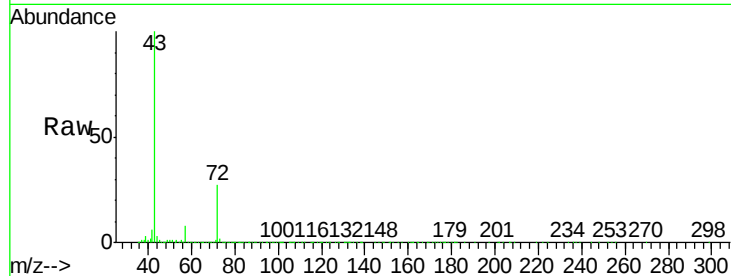
72 26.9 21.8 32.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.126 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011788.D

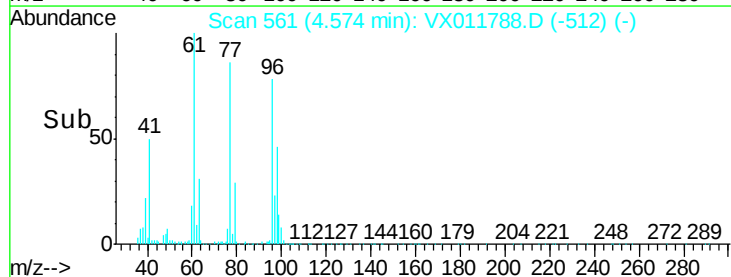
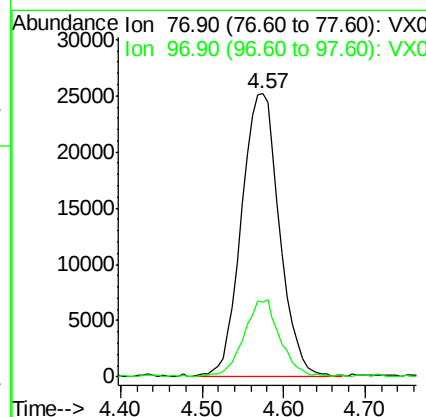
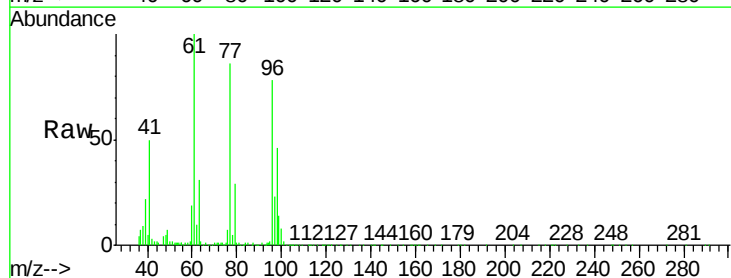
Acq: 23 Aug 2019 11:22

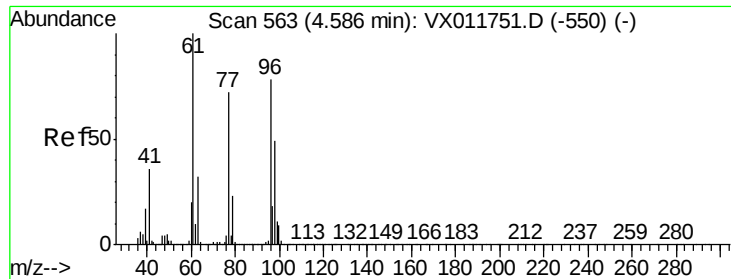
Tgt Ion: 77 Resp: 80773

Ion Ratio Lower Upper

77 100

97 26.4 12.2 36.6





#27

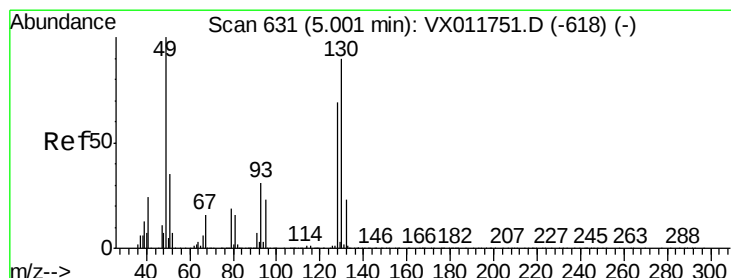
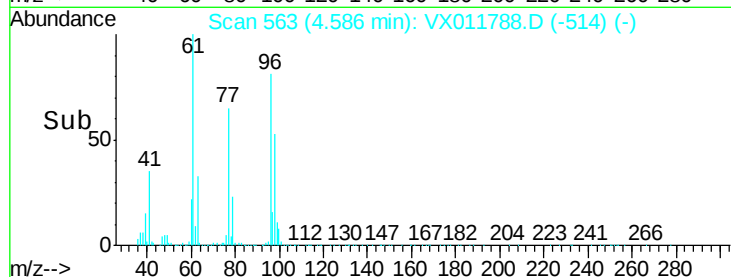
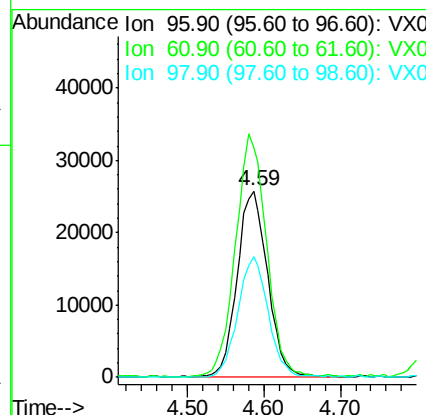
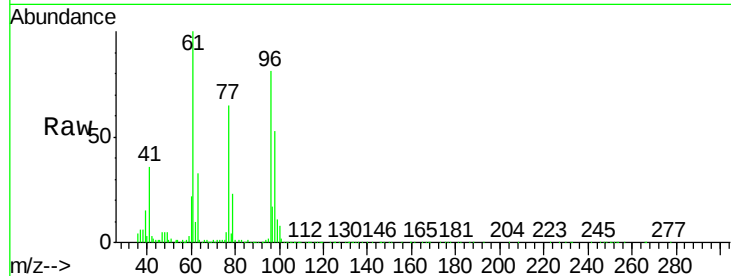
cis-1,2-Dichloroethene
Concen: 17.588 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	0.0	275.8
98	63.9	0.0	128.2

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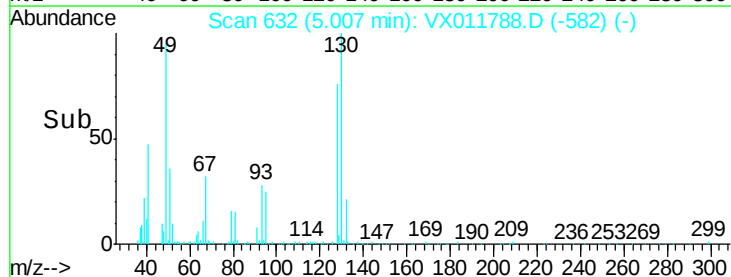
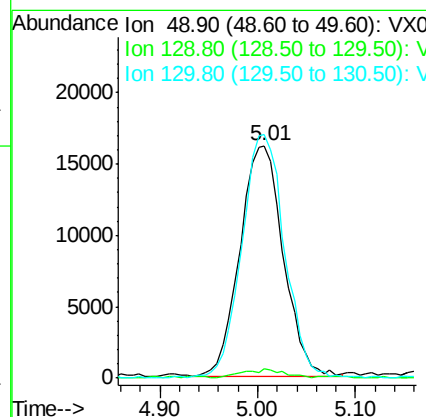
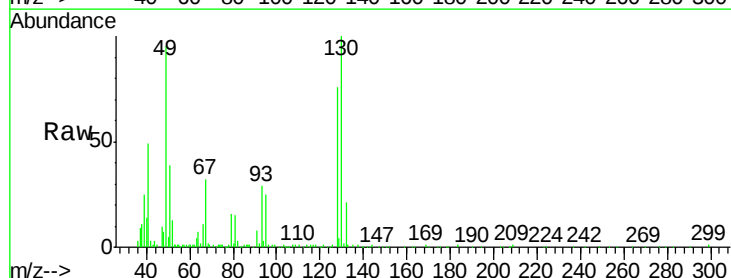
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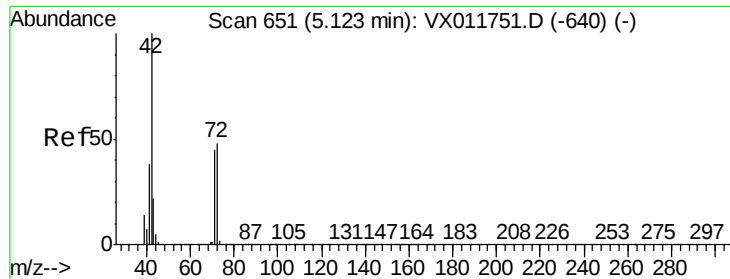


#28

Bromochloromethane
Concen: 18.584 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.7	0.0	5.8
130	104.4	76.8	115.2





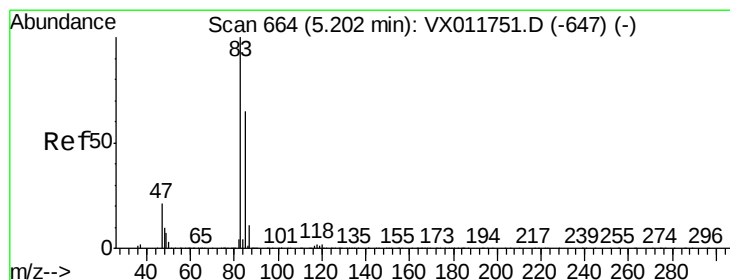
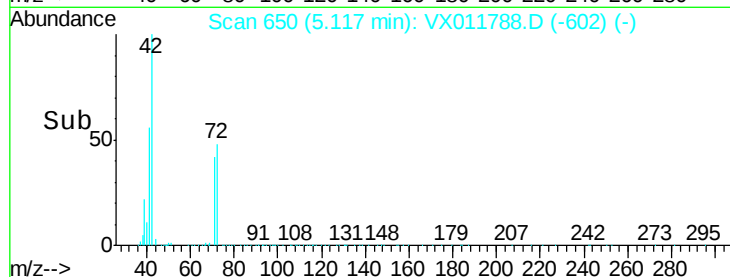
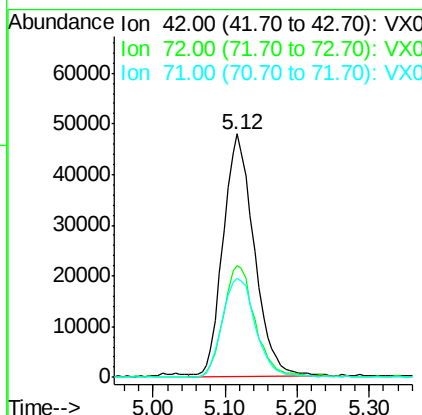
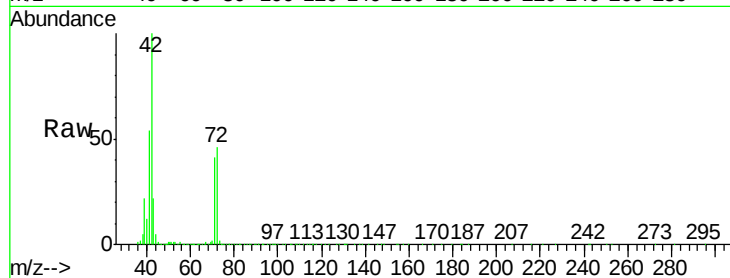
#29
Tetrahydrofuran
Concen: 85.130 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.6	56.4
71	43.9	34.6	51.8

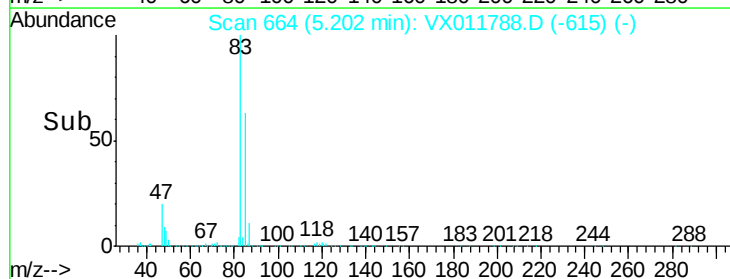
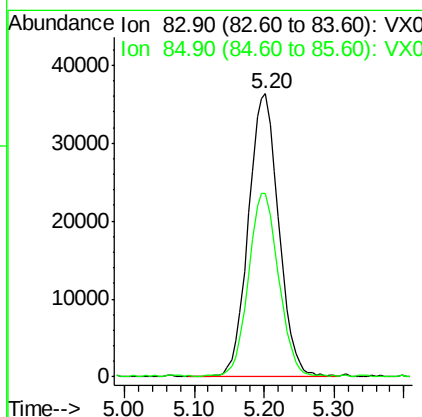
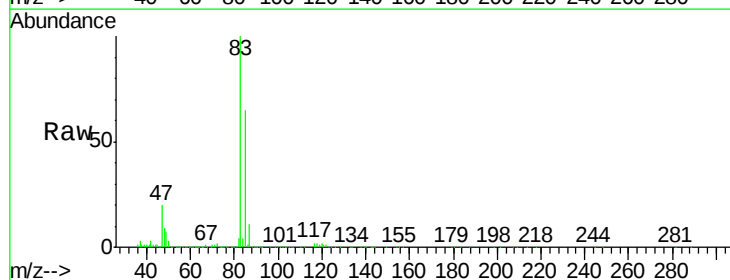
Manual Integrations
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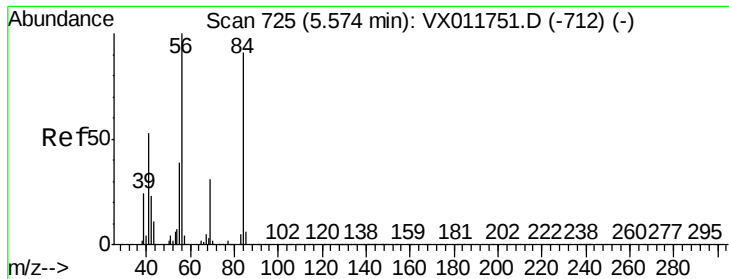
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#30
Chloroform
Concen: 17.101 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.8





#31

Cyclohexane

Concen: 17.928 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

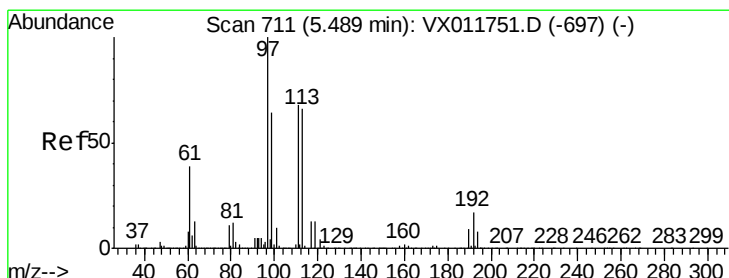
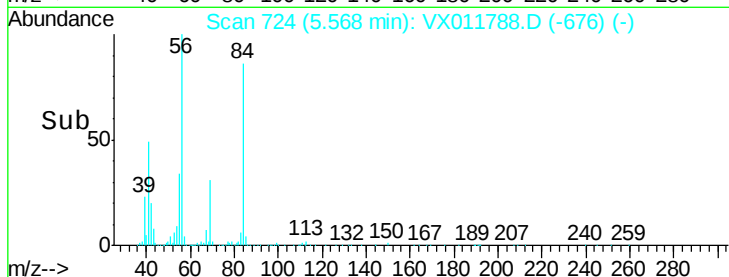
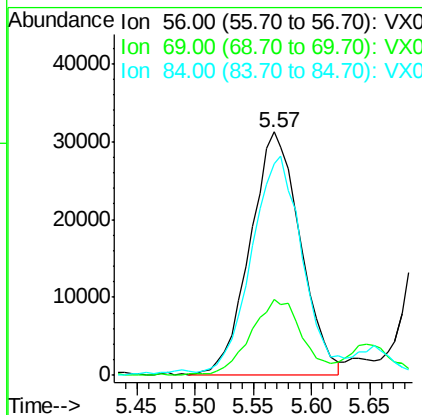
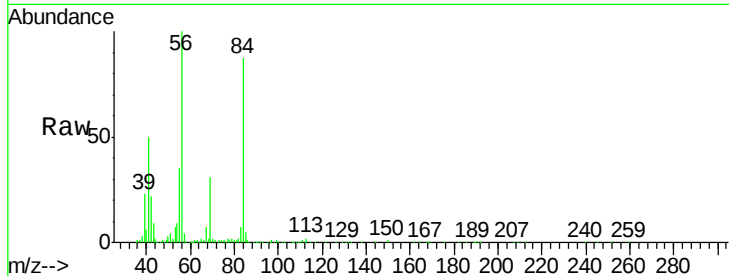
ClientSampleId :

VX0823WBS01

Tot Ion	56	Resp	92869
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.5	36.7
84	85.3	72.7	109.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 16.782 ug/l

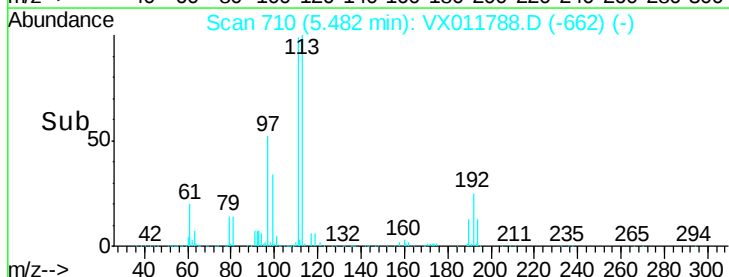
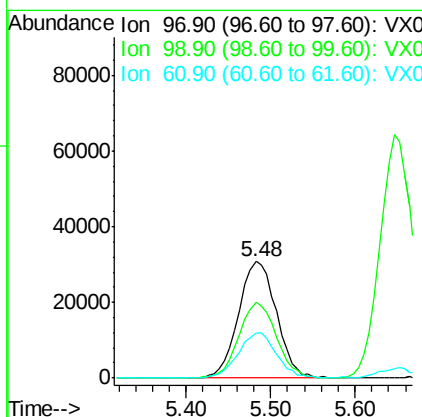
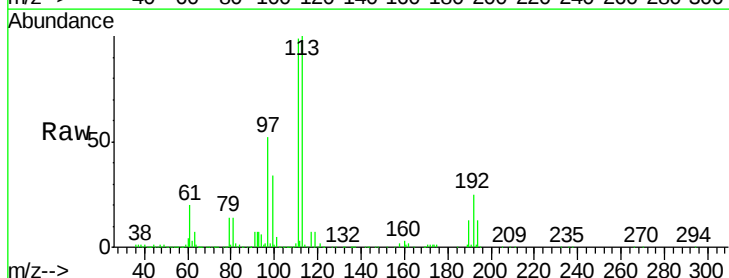
RT: 5.48 min Scan# 710

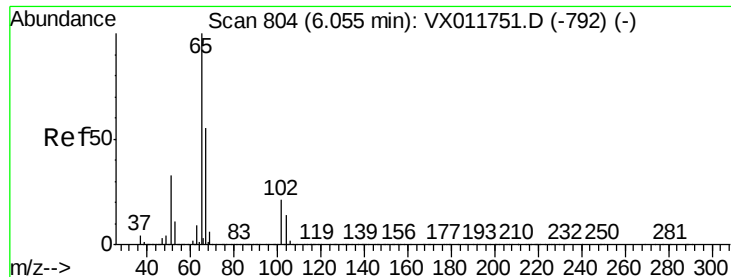
Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion	97	Resp	93350
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.0
61	38.6	31.6	47.4





#33

1,2-Dichloroethane-d4

Concen: 41.990 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 65 Resp: 176891

Ion Ratio Lower Upper

65 100

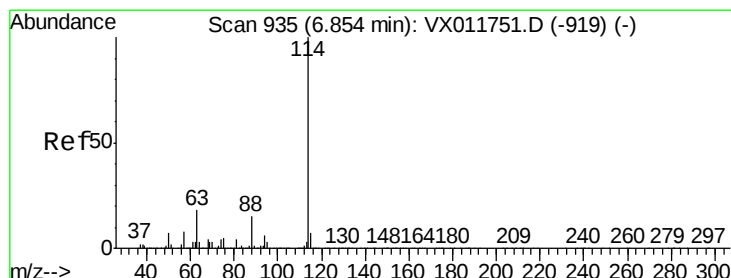
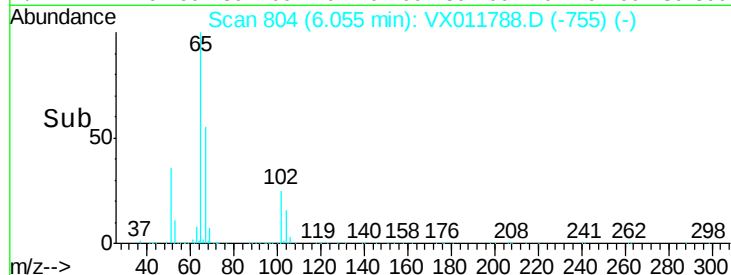
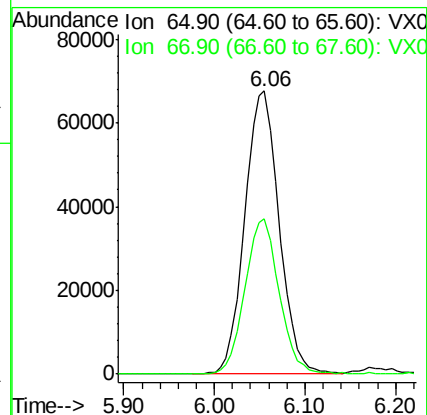
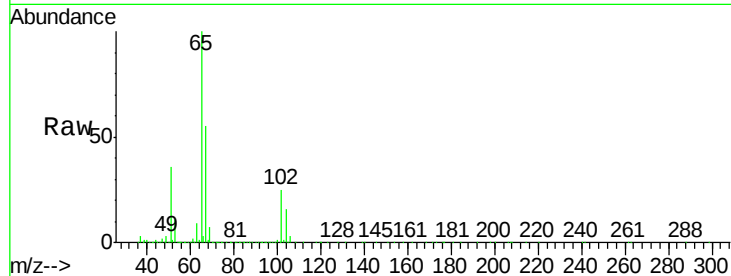
67 54.2 0.0 107.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

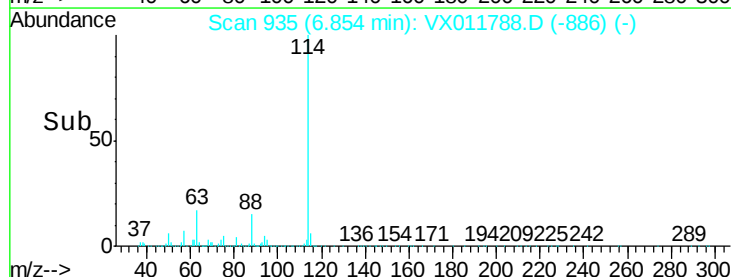
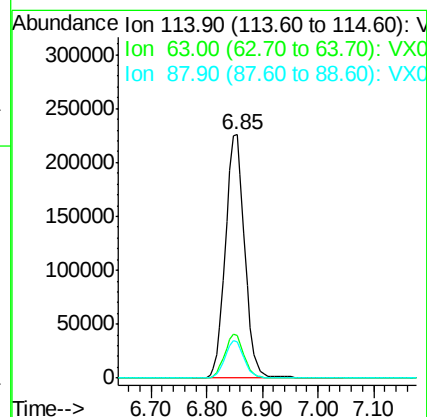
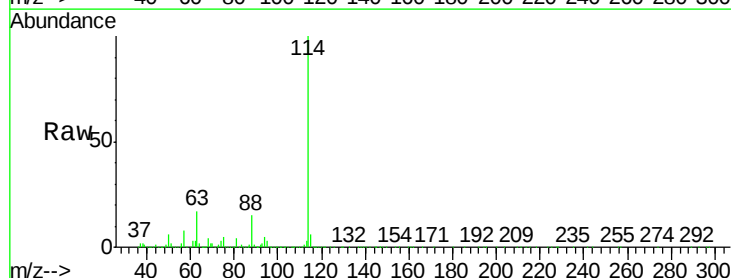
Tgt Ion: 114 Resp: 540895

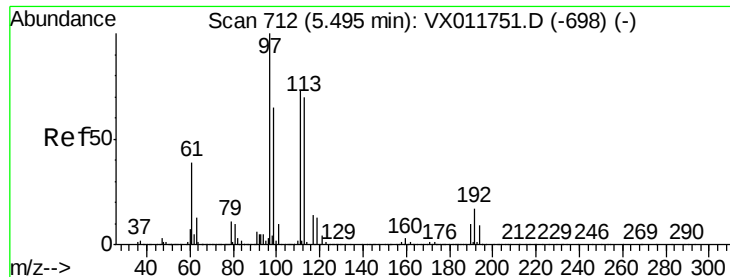
Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.8

88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.450 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

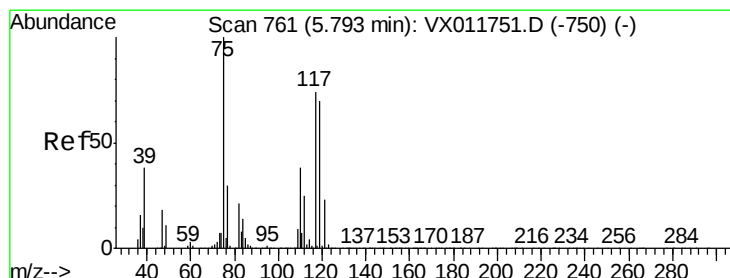
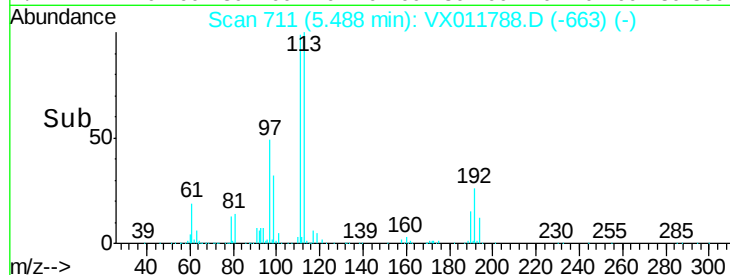
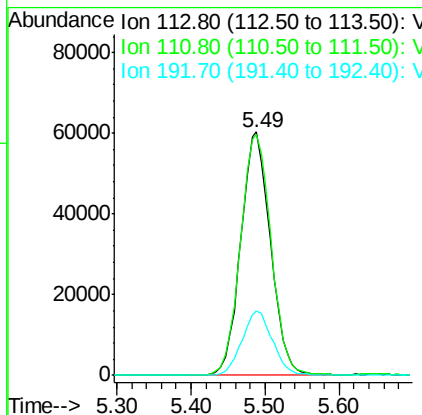
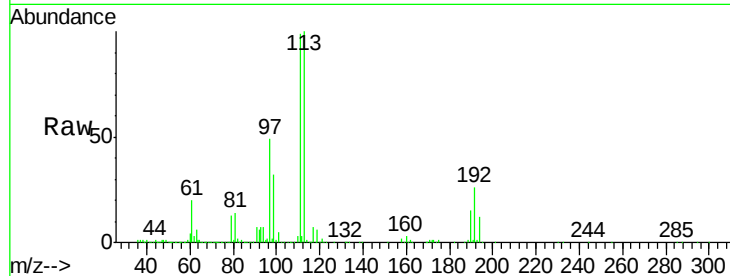
ClientSampleId :

VX0823WBS01

Tot Ion:	113	Resp:	169461
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.0	121.4
192	27.0	19.9	29.9

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#36

1,1-Dichloropropene

Concen: 18.621 ug/l

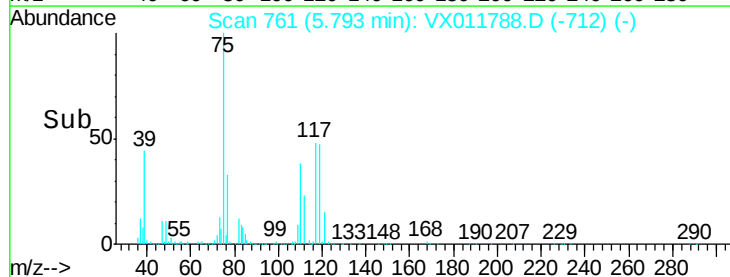
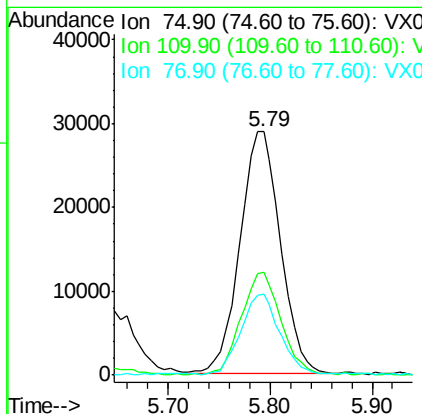
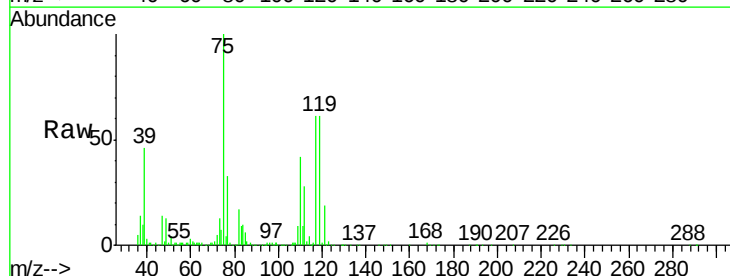
RT: 5.79 min Scan# 761

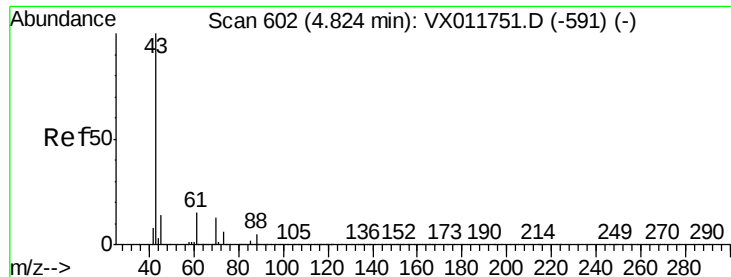
Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion:	75	Resp:	78981
Ion Ratio	Lower	Upper	
75	100		
110	42.1	19.0	57.0
77	32.4	24.6	36.8





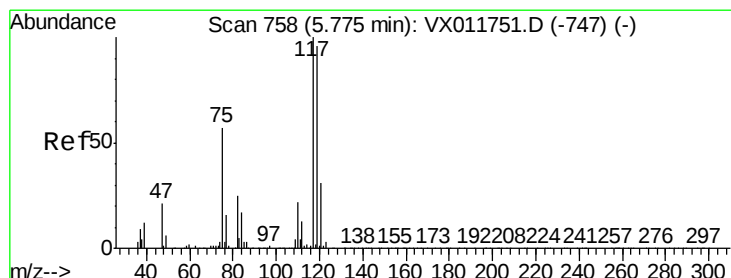
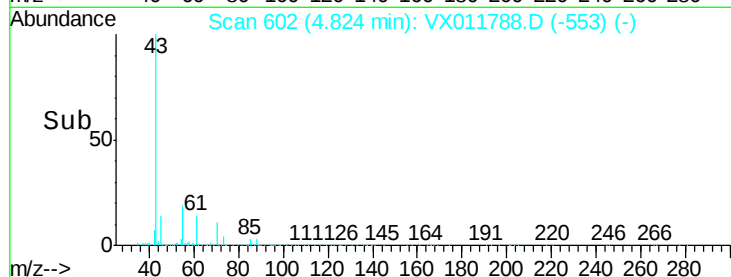
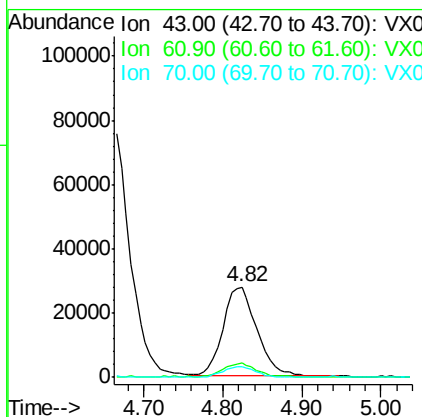
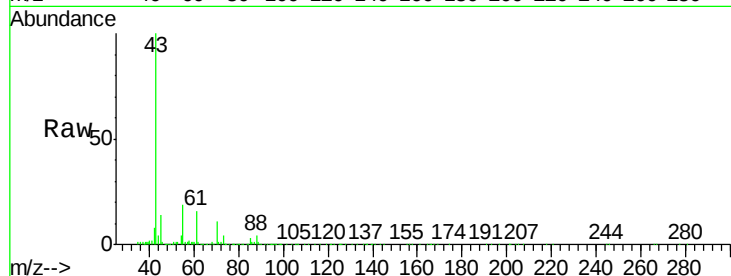
#37
Ethyl Acetate
Concen: 18.587 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	12.4	9.5	14.3

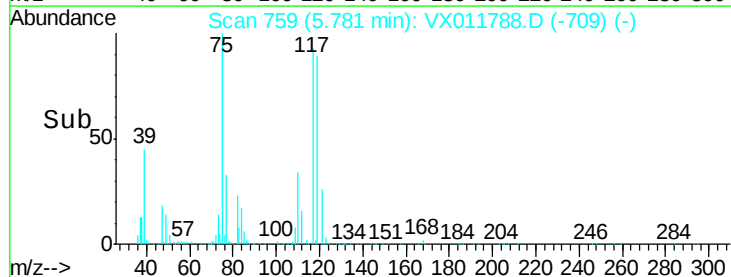
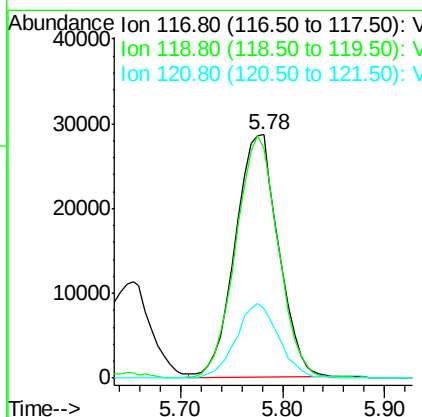
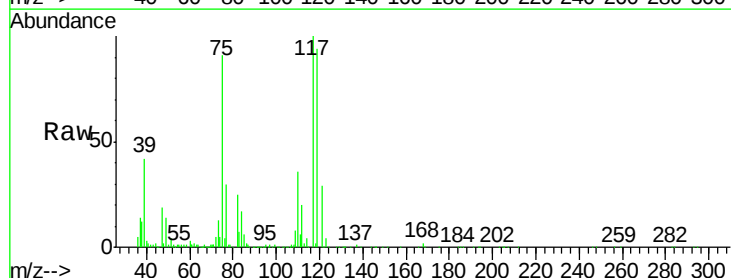
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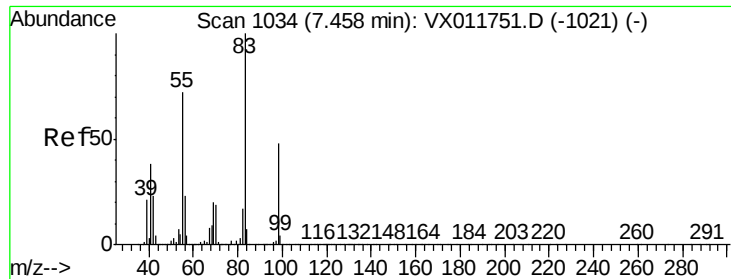
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#38
Carbon Tetrachloride
Concen: 17.490 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.01 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.6	114.8
121	28.4	25.2	37.8





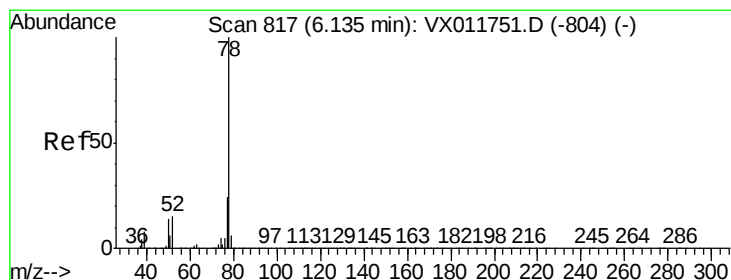
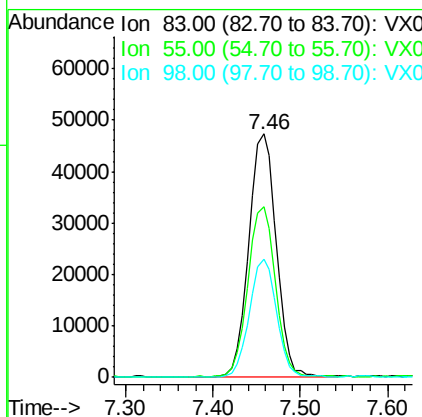
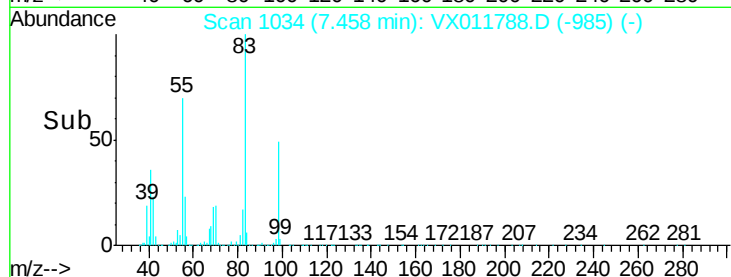
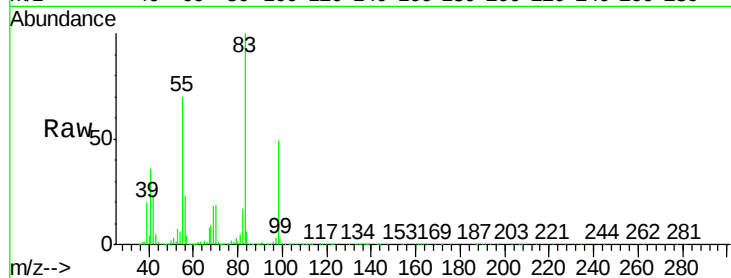
#39
Methvlcvclohexane
Concen: 19.600 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.1	57.8	86.6
98	48.4	38.6	58.0

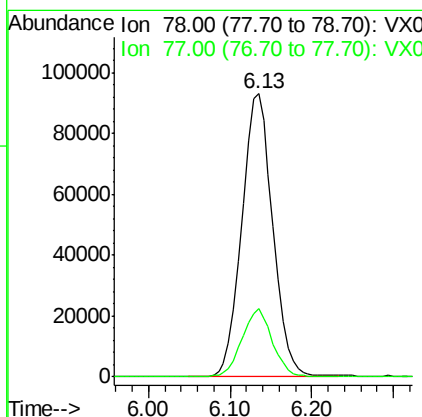
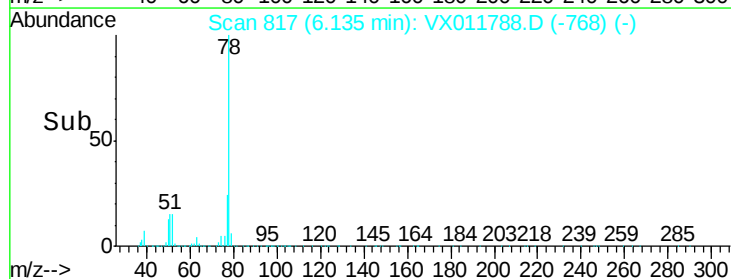
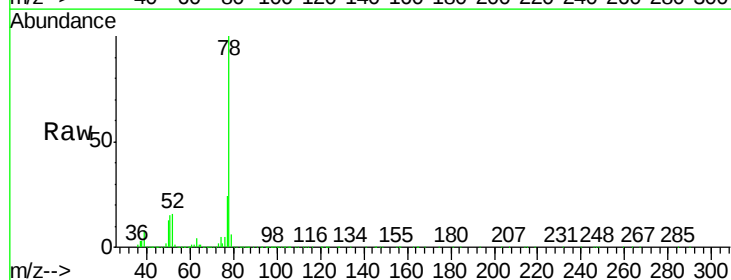
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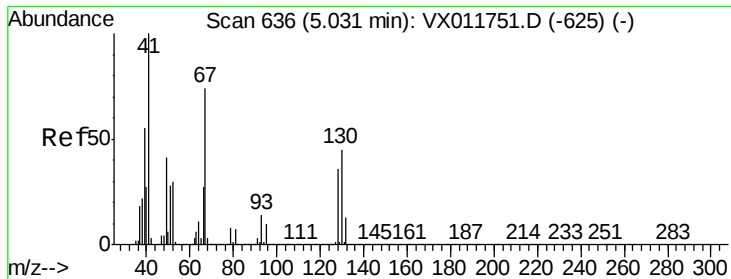
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#40
Benzene
Concen: 18.693 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7





#41

Methacrylonitrile

Concen: 17.668 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

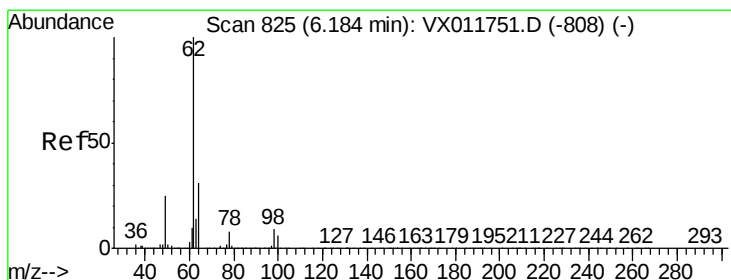
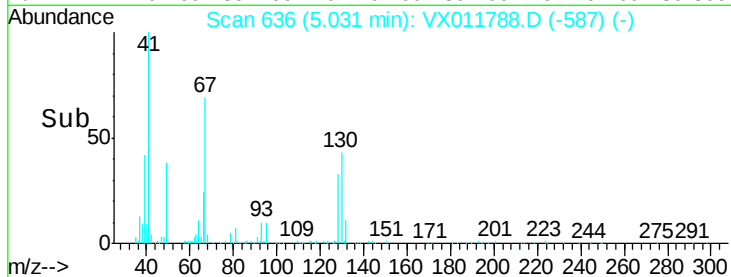
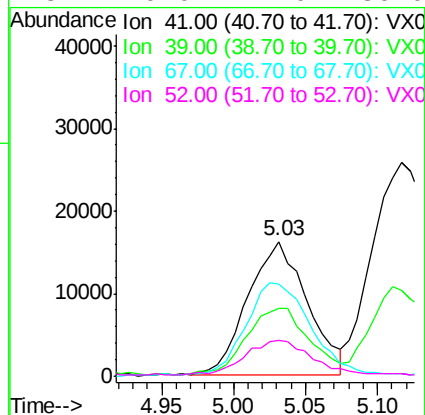
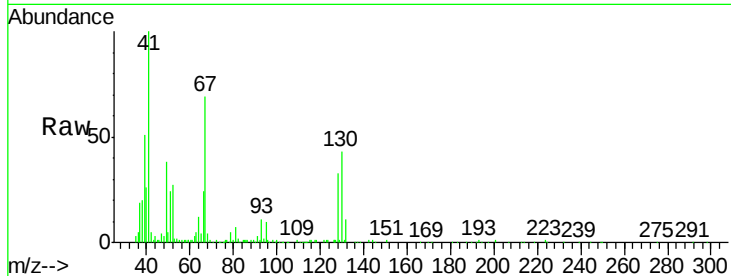
ClientSampleId :

VX0823WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		46122		
39	52.8	44.3	66.5		
67	76.5	60.3	90.5		
52	29.0	24.0	36.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 17.194 ug/l

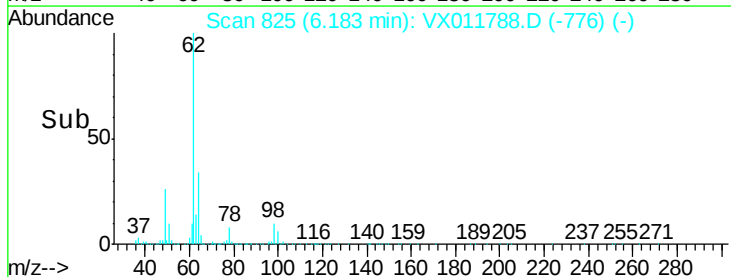
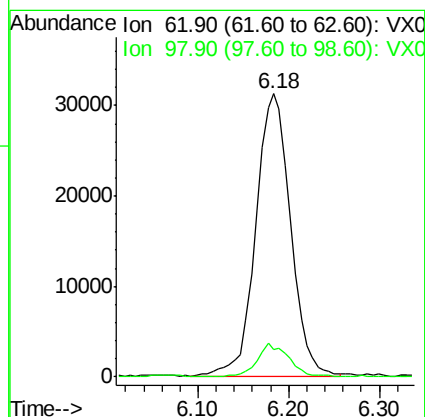
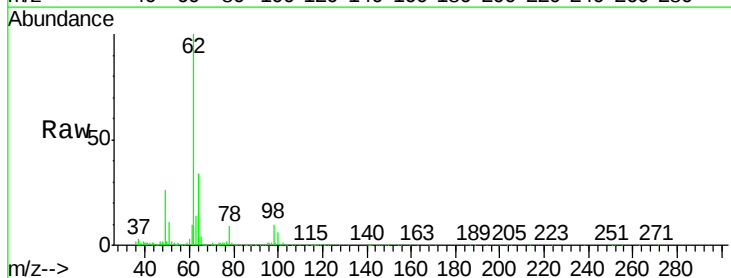
RT: 6.18 min Scan# 825

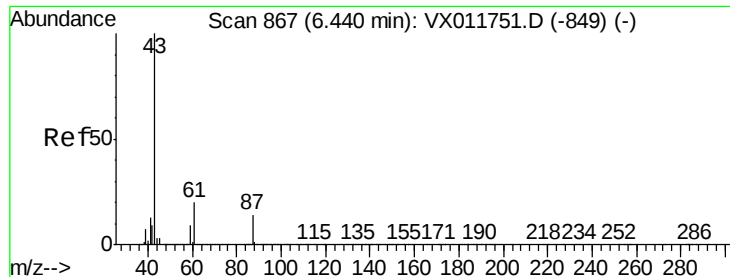
Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		82472		
98	11.0	0.0	18.8		





#43

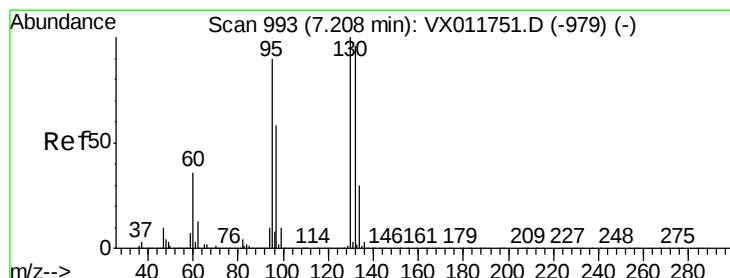
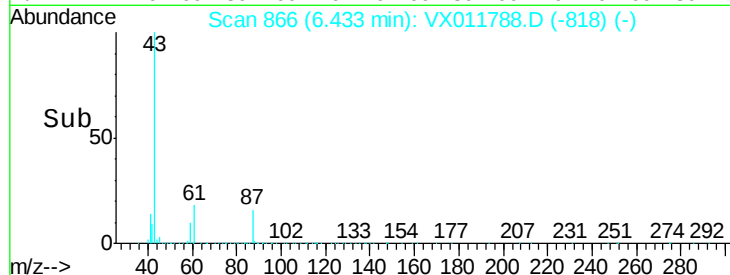
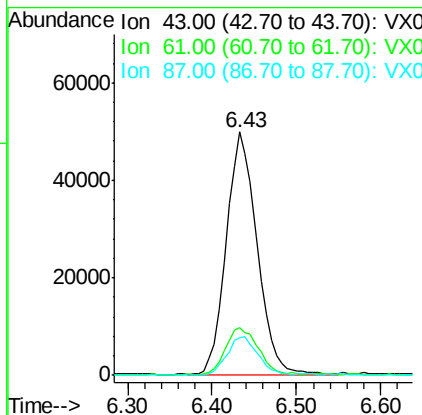
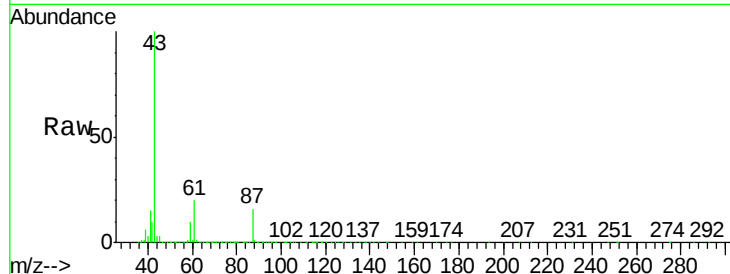
Isopropyl Acetate
 Concen: 16.961 ug/l
 RT: 6.43 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	123223		
61	21.1		16.2	24.2
87	16.2		11.6	17.4

Manual Integrations
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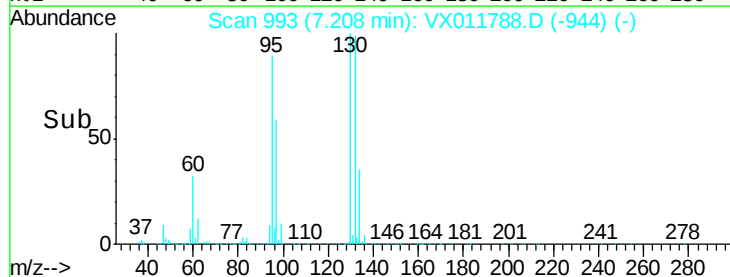
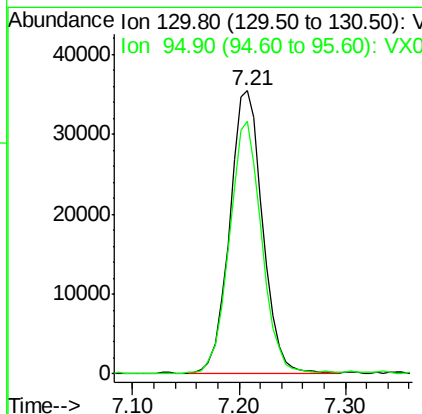
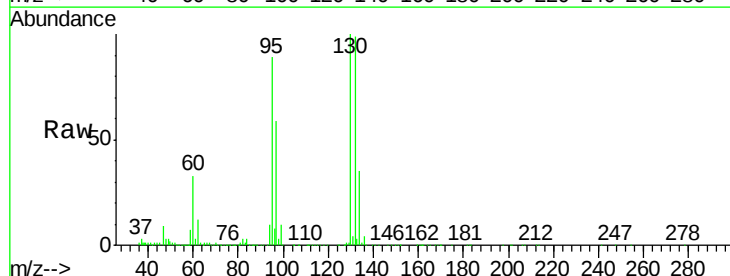
MMDadoda
 8/26/2019 11:40:37 AM

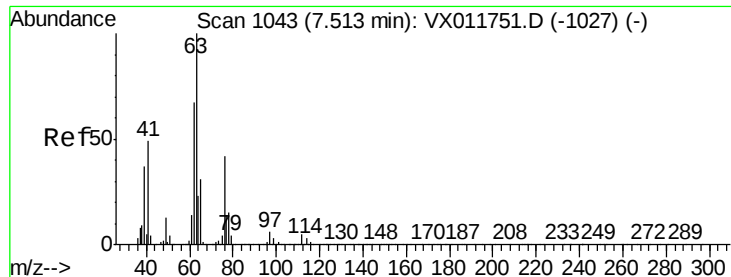


#44

Trichloroethene
 Concen: 18.945 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	76626		
95	89.2		0.0	179.0





#45

1,2-Dichloropropane

Concen: 18.556 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 63 Resp: 61199

Ion Ratio Lower Upper

63 100

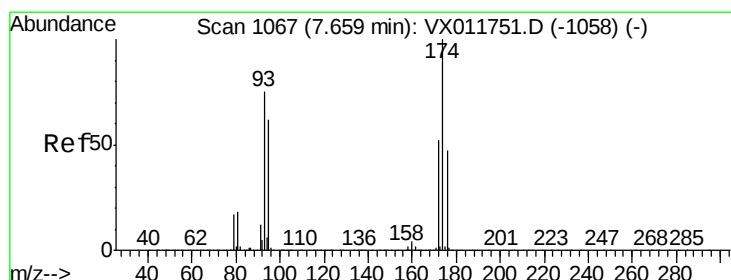
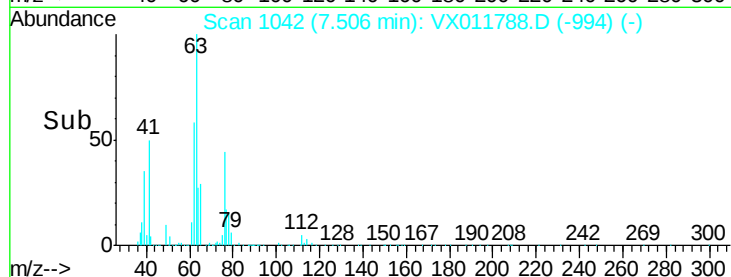
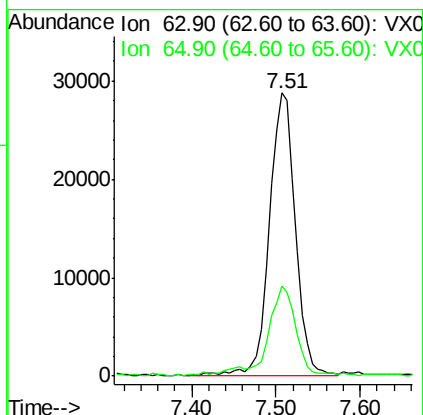
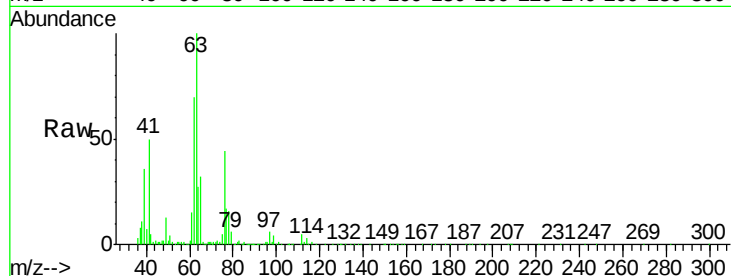
65 31.3 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 17.711 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

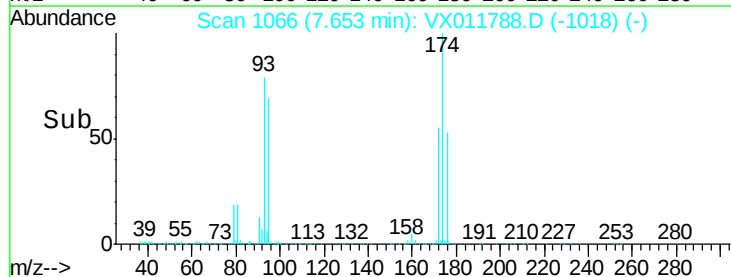
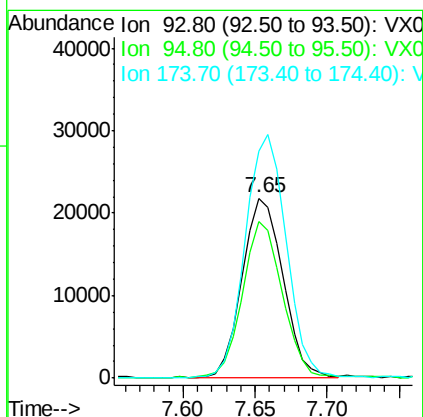
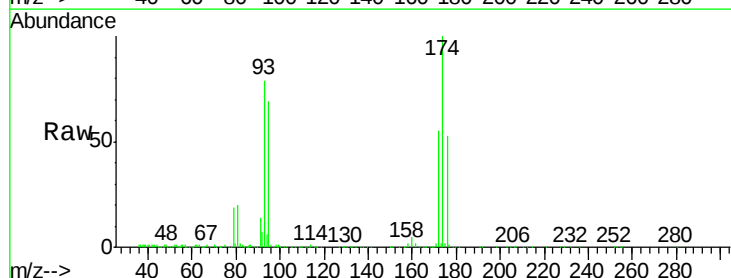
Tgt Ion: 93 Resp: 43065

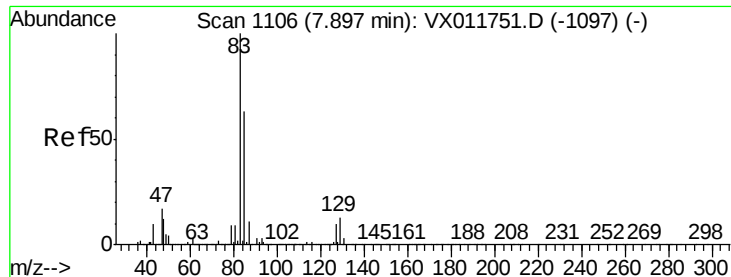
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.2

174 136.5 104.2 156.4





#47

Bromodichloromethane

Concen: 18.077 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

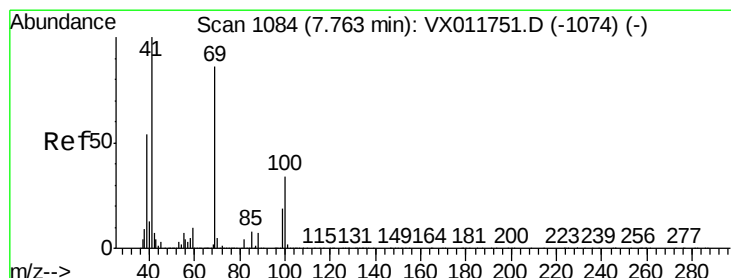
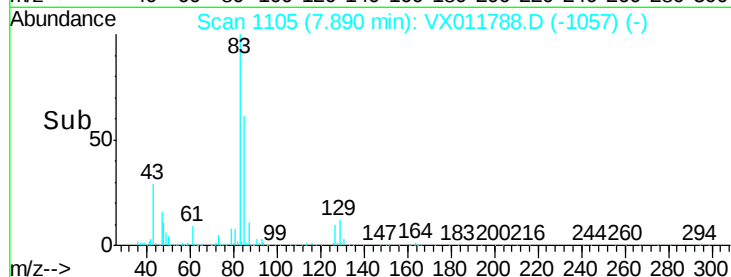
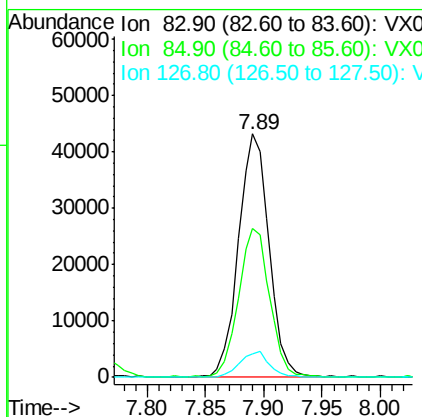
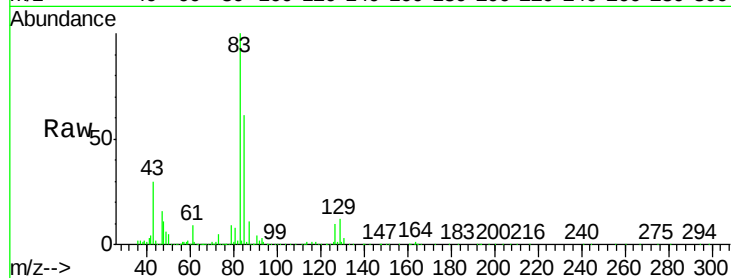
ClientSampleId :

VX0823WBS01

Tot Ion:	83	Resp:	79125
Ion Ratio	Lower	Upper	
83	100		
85	60.8	50.6	76.0
127	9.7	8.4	12.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.646 ug/l

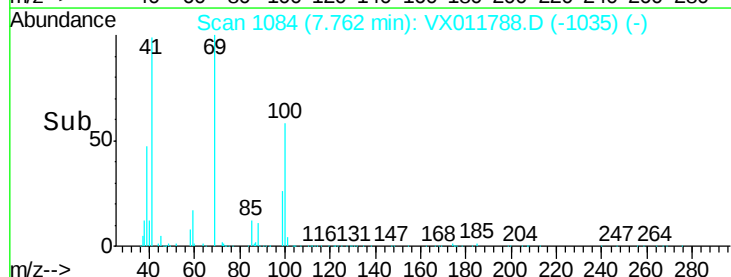
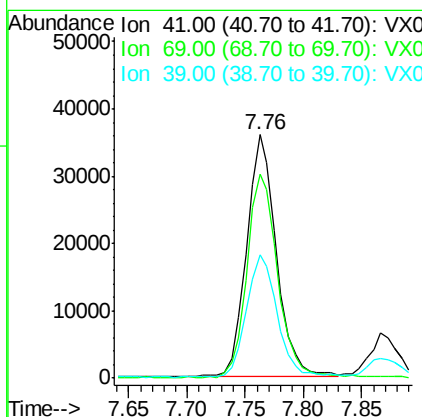
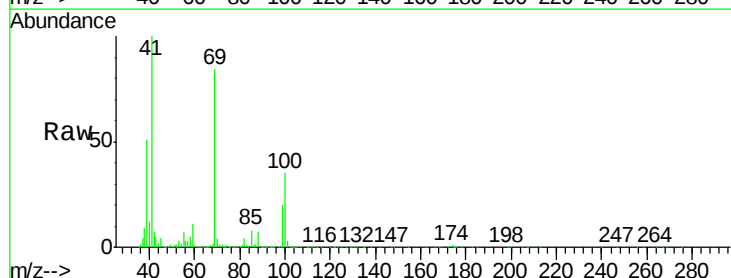
RT: 7.76 min Scan# 1084

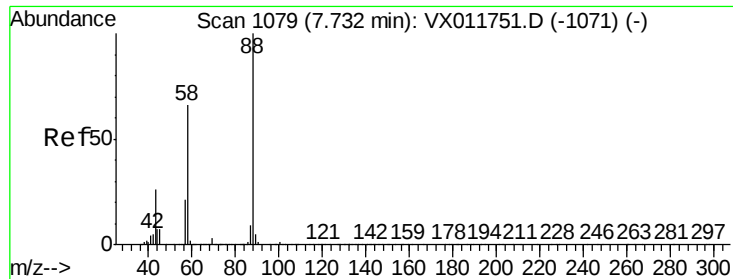
Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion:	41	Resp:	63799
Ion Ratio	Lower	Upper	
41	100		
69	87.8	69.4	104.2
39	51.8	43.6	65.4





#49

1,4-Dioxane

Concen: 332.646 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

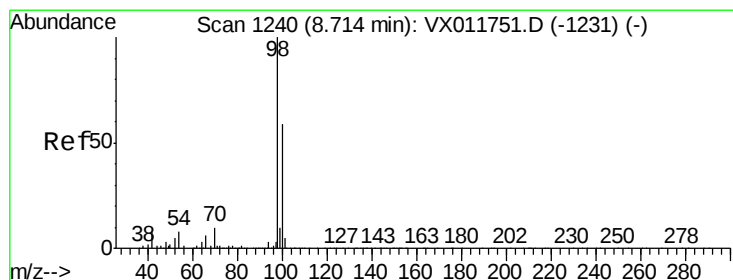
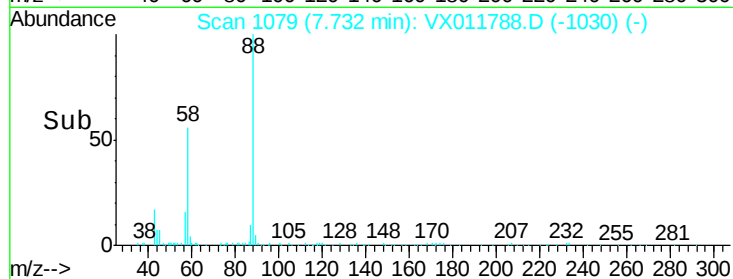
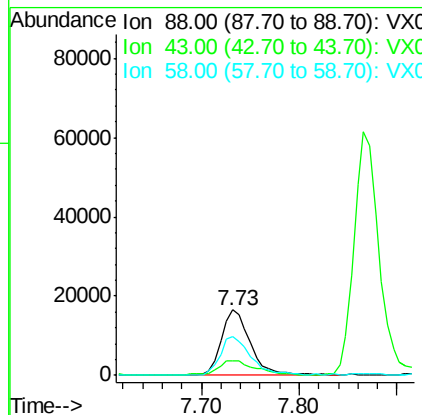
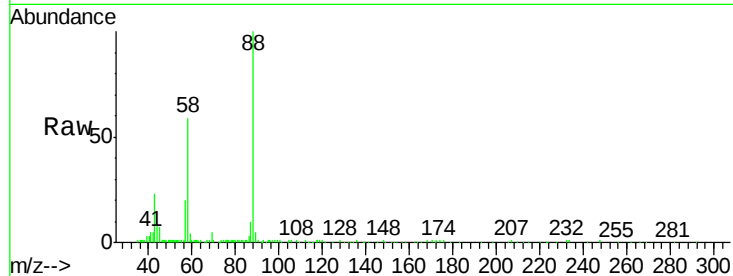
ClientSampleId :

VX0823WBS01

Tot Ion:	88	Resp:	33323
Ion Ratio	Lower	Upper	
88	100		
43	29.2	24.6	37.0
58	63.5	51.4	77.2

Manual Integrations
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#50

Toluene-d8

Concen: 51.340 ug/l

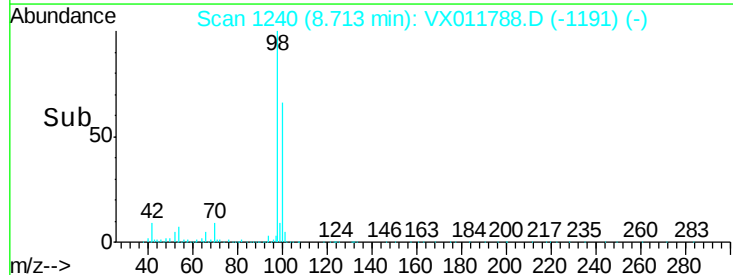
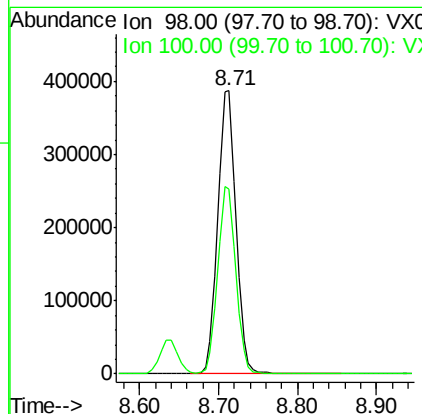
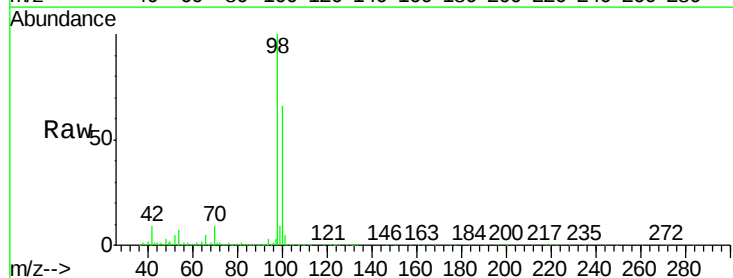
RT: 8.71 min Scan# 1240

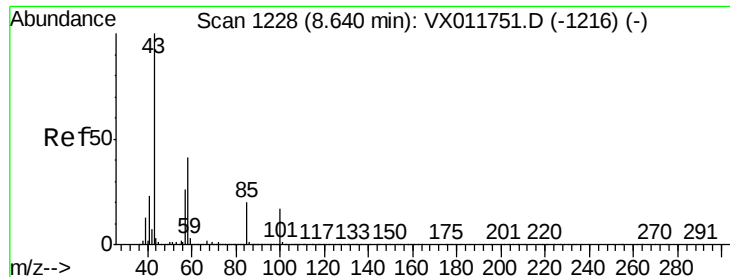
Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion:	98	Resp:	626338
Ion Ratio	Lower	Upper	
98	100		
100	65.7	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 85.785 ug/l

RT: 8.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 43 Resp: 410659

Ion Ratio Lower Upper

43 100

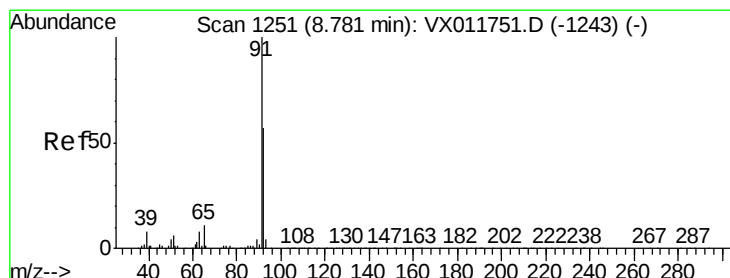
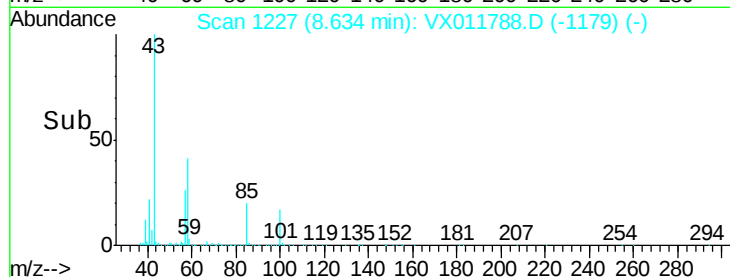
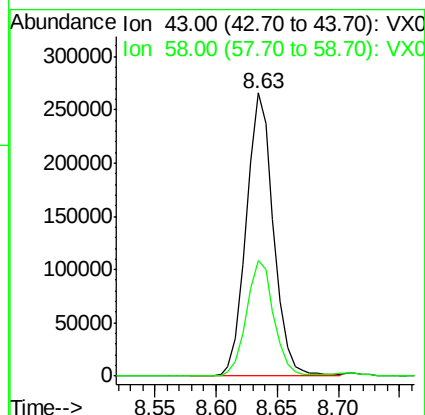
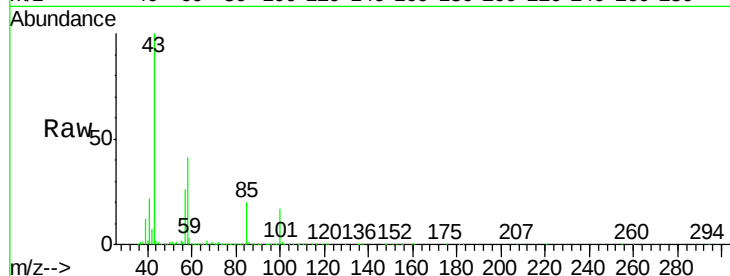
58 41.1 31.8 47.6

Manual Integrations

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#52

Toluene

Concen: 18.609 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011788.D

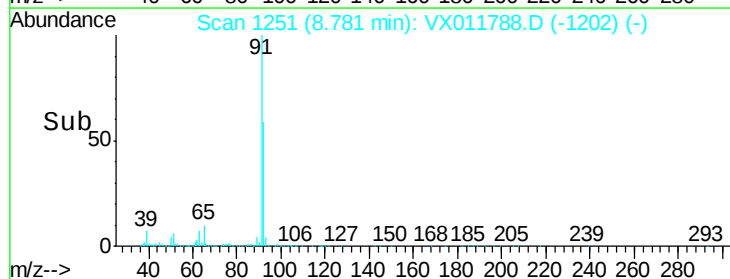
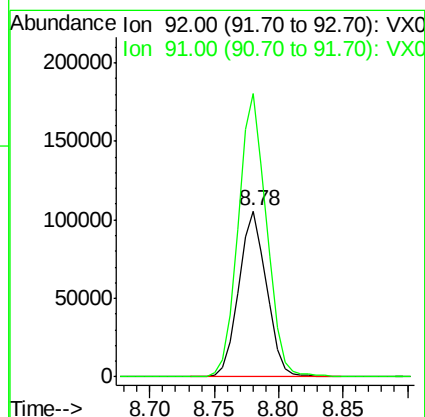
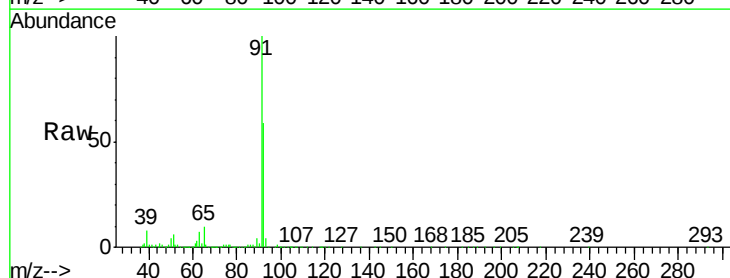
Acq: 23 Aug 2019 11:22

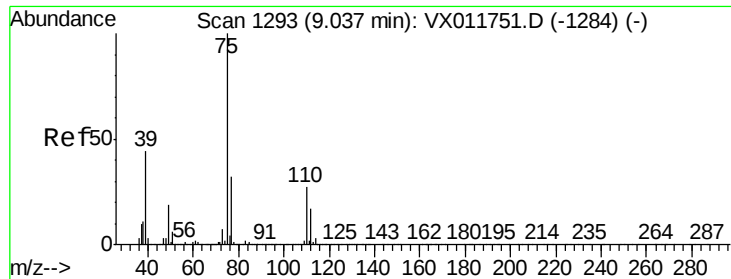
Tgt Ion: 92 Resp: 158008

Ion Ratio Lower Upper

92 100

91 174.2 138.6 207.8





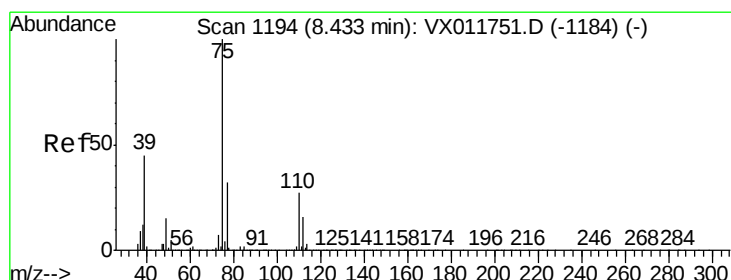
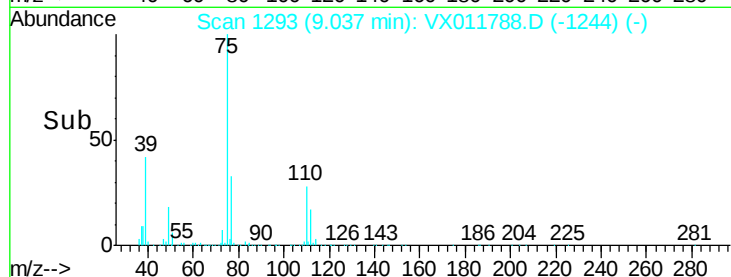
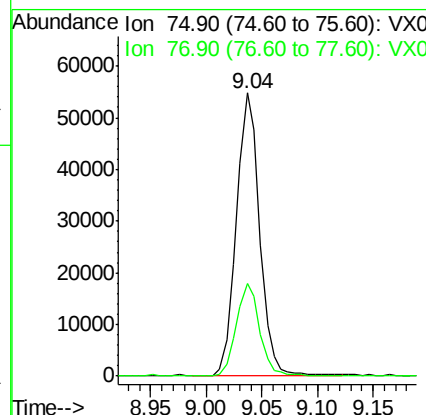
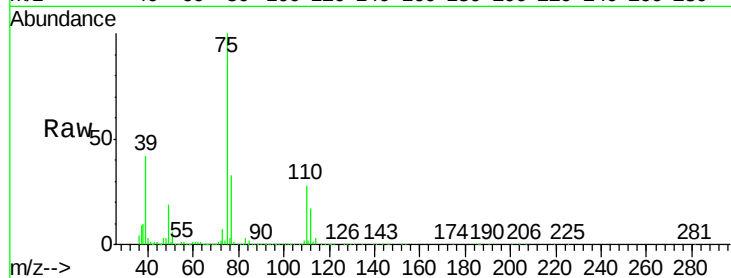
#53
t-1,3-Dichloropropene
Concen: 17.159 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.0

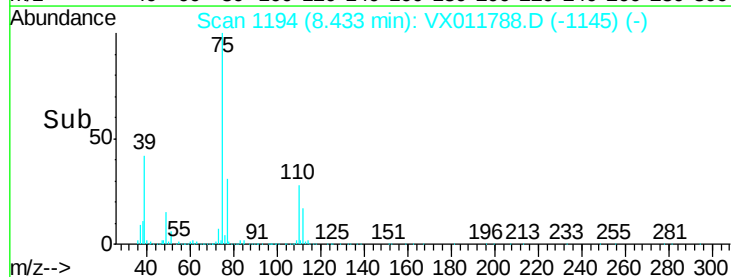
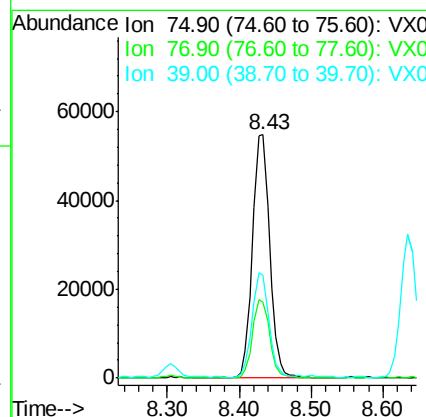
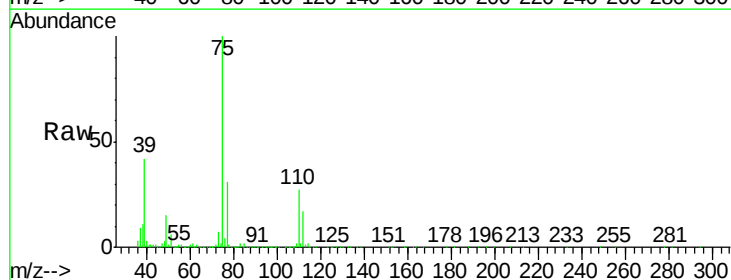
Manual Integrations
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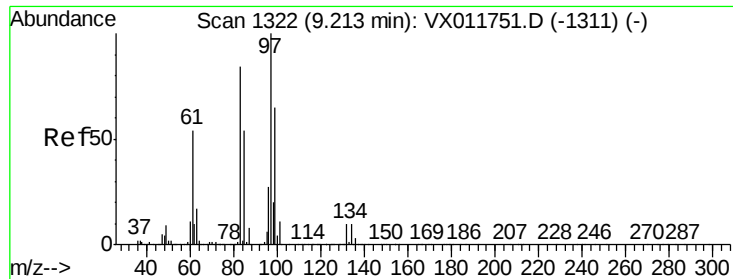
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#54
cis-1,3-Dichloropropene
Concen: 18.150 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.2
39	41.7	36.2	54.4





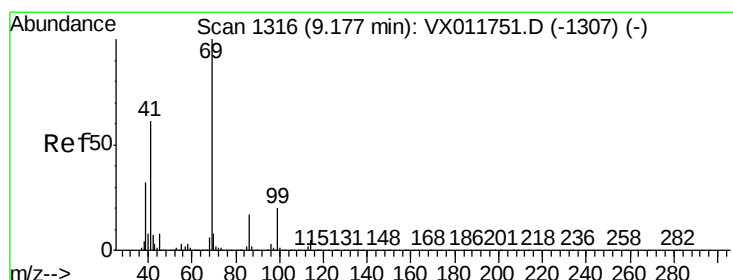
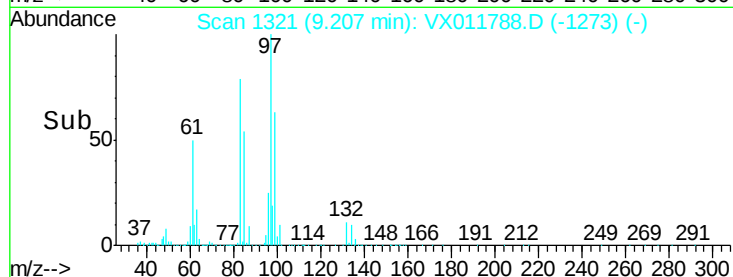
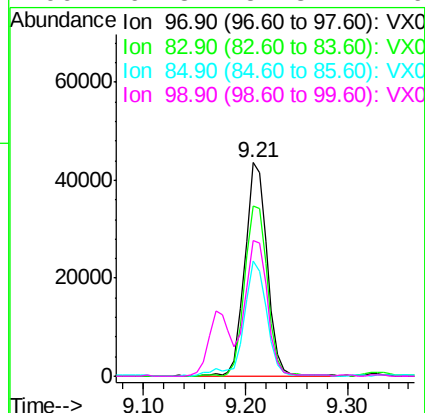
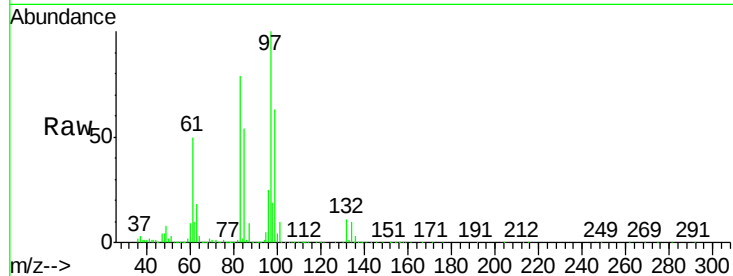
#55
 1,1,2-Trichloroethane
 Concen: 18.633 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		65915		
83	79.5	67.3	100.9		
85	53.8	43.4	65.2		
99	62.8	51.8	77.6		

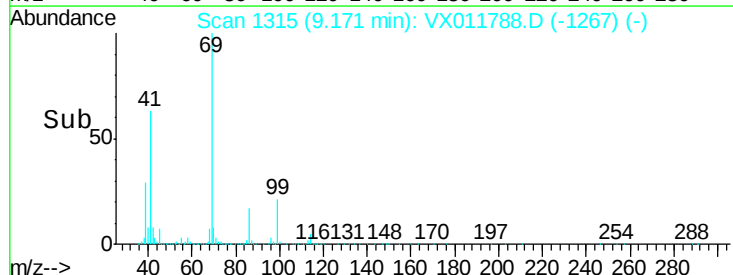
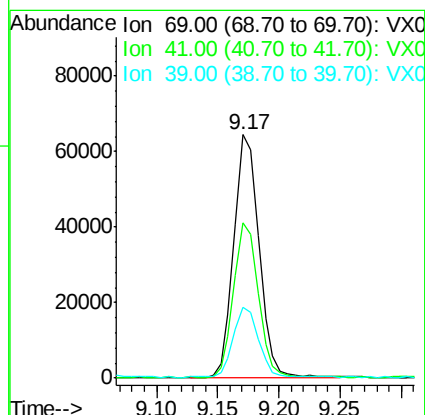
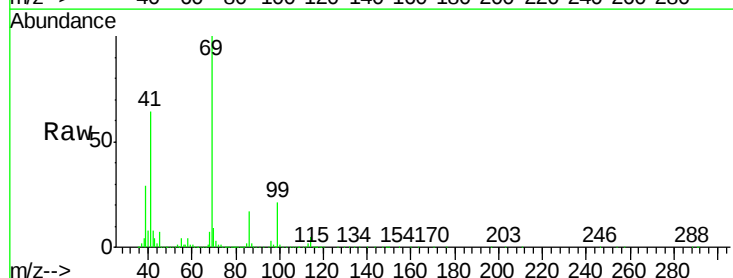
Manual Integrations
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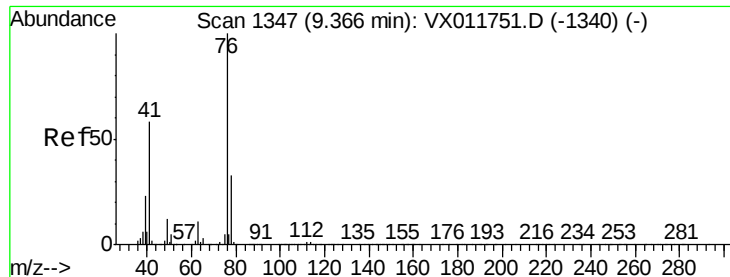
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#56
 Ethyl methacrylate
 Concen: 18.400 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		92570		
41	62.2	50.7	76.1		
39	29.3	26.4	39.6		





#57

1,3-Dichloropropane

Concen: 17.853 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 76 Resp: 101978

Ion Ratio Lower Upper

76 100

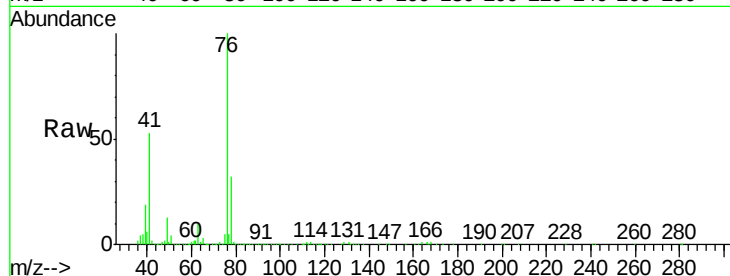
78 32.9 26.6 39.8

Manual Integrations

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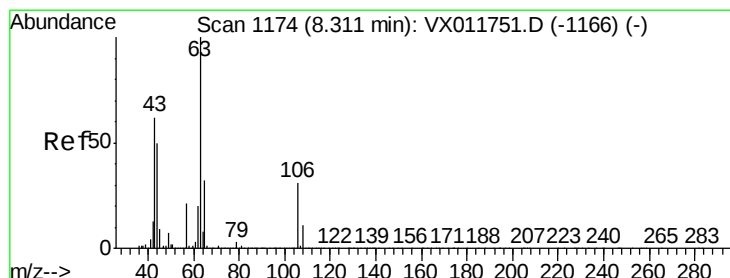
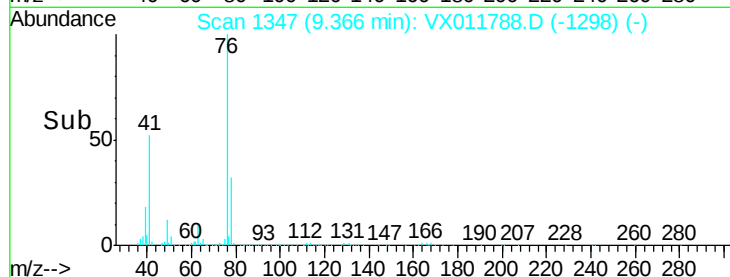
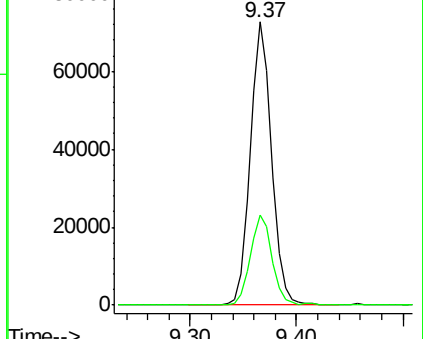
MMDadoda

8/26/2019 11:40:37 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.240 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011788.D

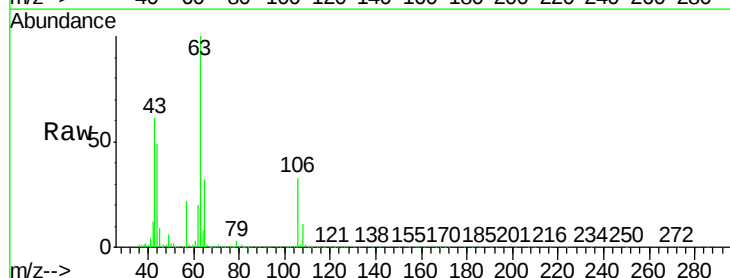
Acq: 23 Aug 2019 11:22

Tgt Ion: 63 Resp: 257346

Ion Ratio Lower Upper

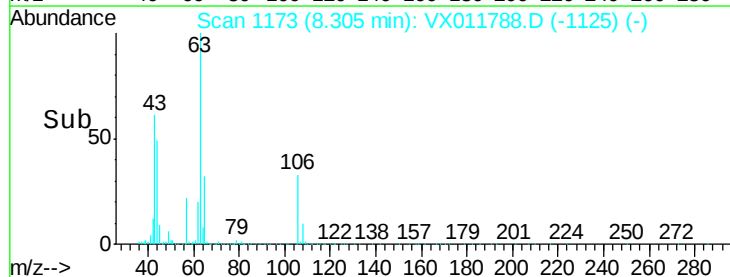
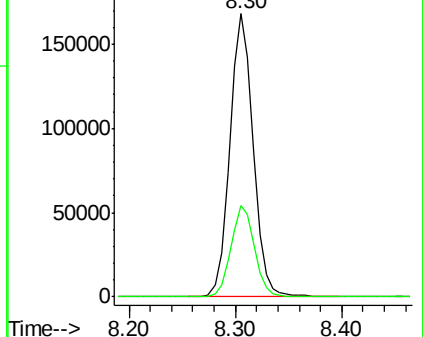
63 100

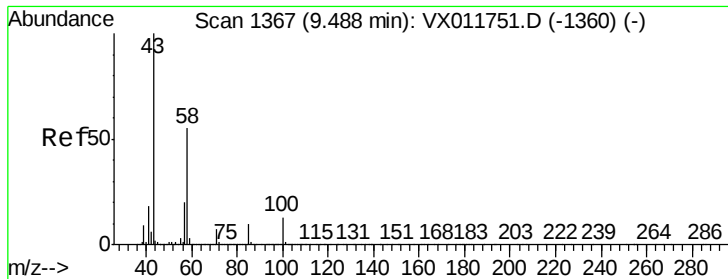
106 32.7 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





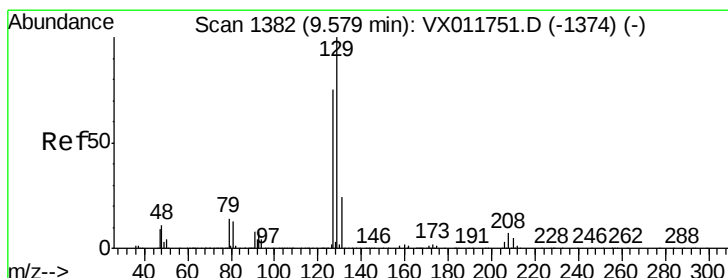
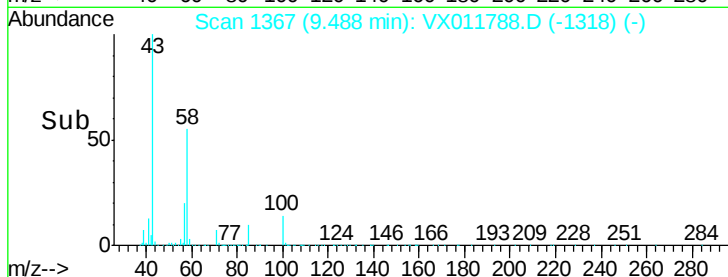
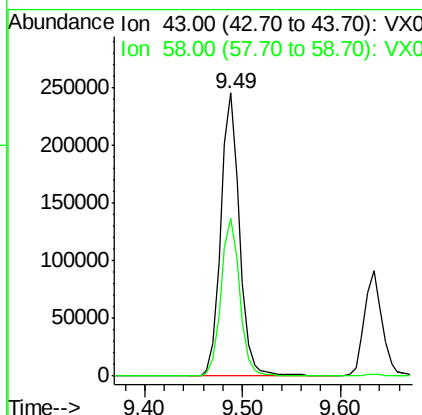
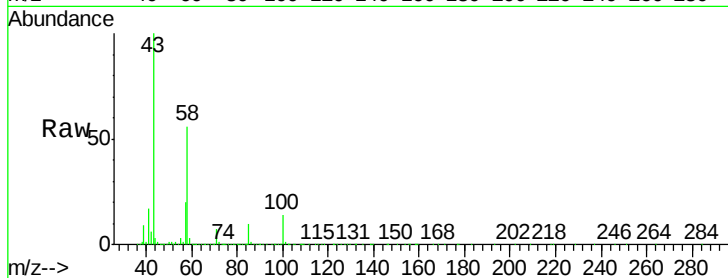
#59
2-Hexanone
Concen: 87.874 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion: 43 Resp: 322869
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.1

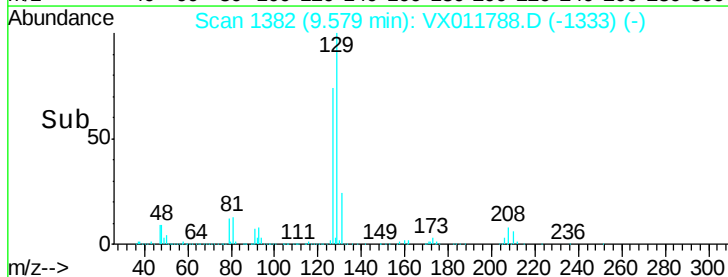
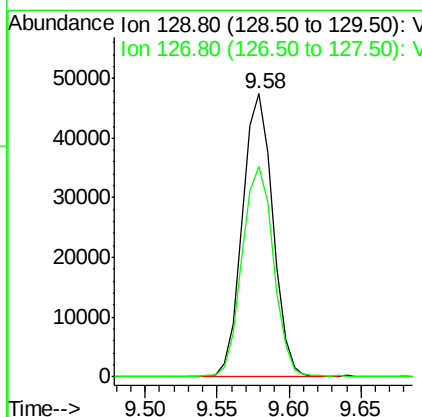
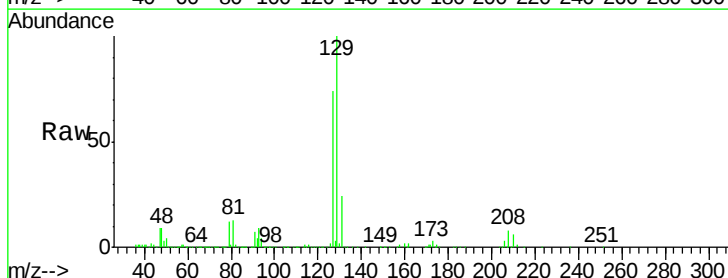
Manual Integrations
APPROVED

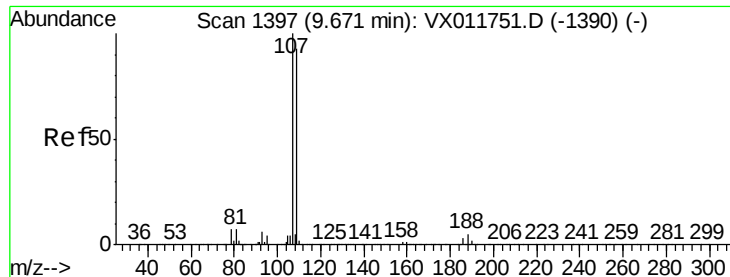
MMDadoda
8/26/2019 11:40:37 AM



#60
Dibromochloromethane
Concen: 18.198 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion: 129 Resp: 69603
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 18.974 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion:107 Resp: 72022

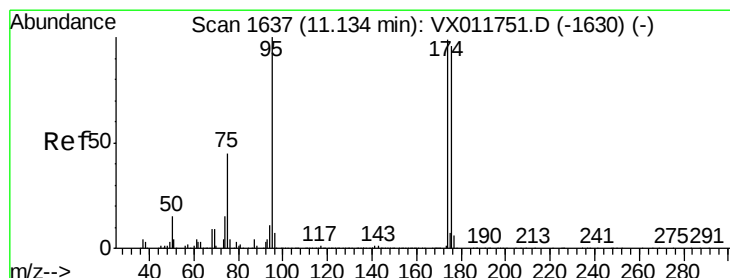
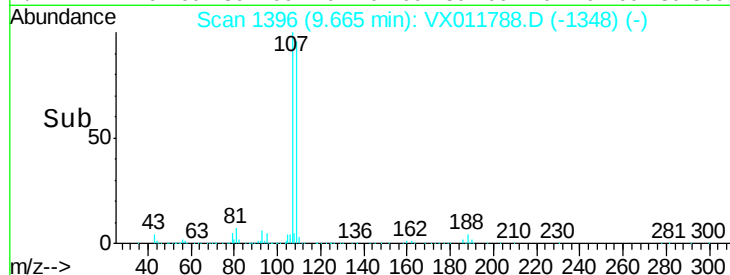
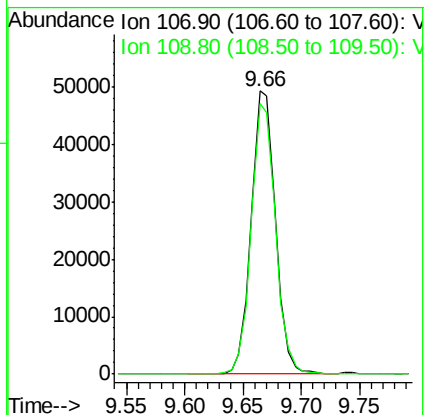
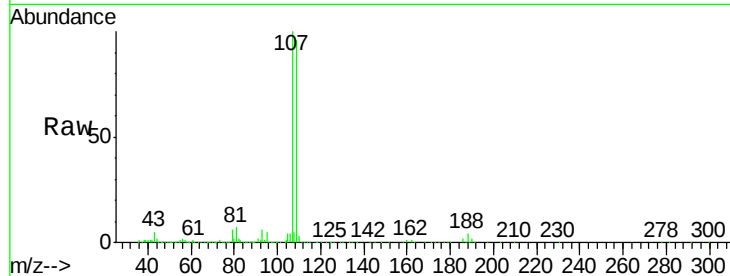
Ion Ratio Lower Upper

107 100

109 96.0 75.8 113.8

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:40:37 AM



#62

4-Bromofluorobenzene

Concen: 48.867 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

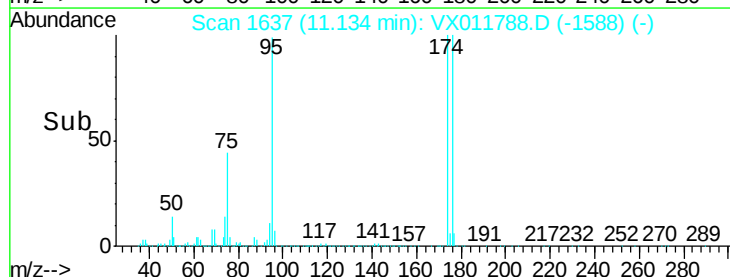
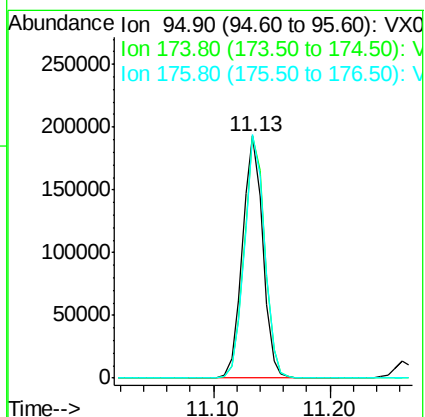
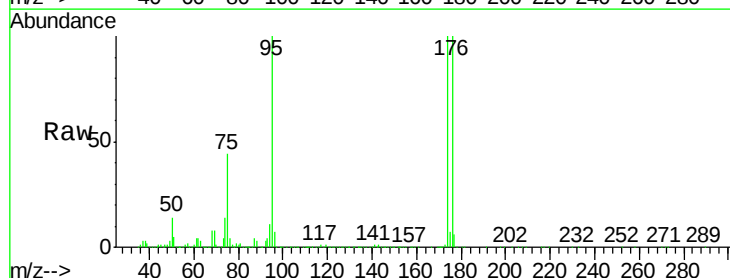
Tgt Ion: 95 Resp: 235642

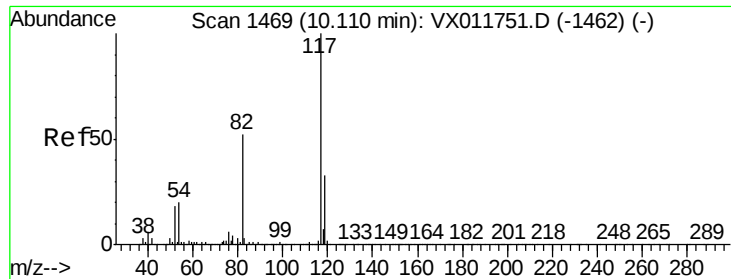
Ion Ratio Lower Upper

95 100

174 100.7 0.0 197.4

176 99.7 0.0 194.4





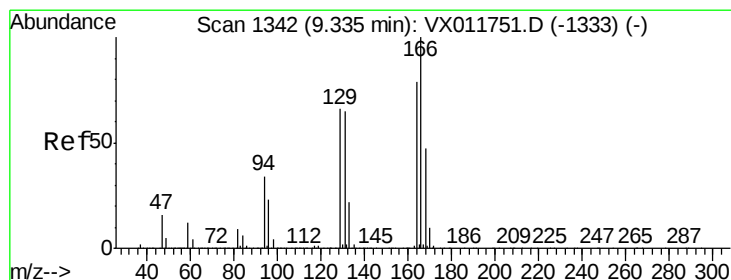
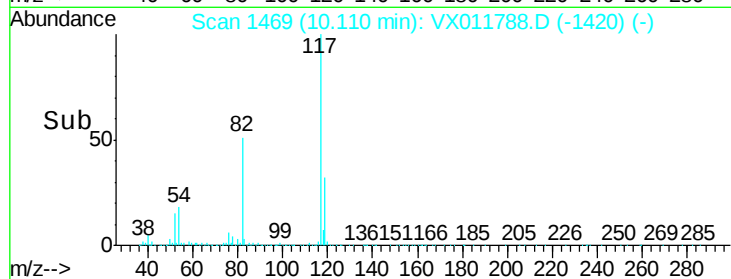
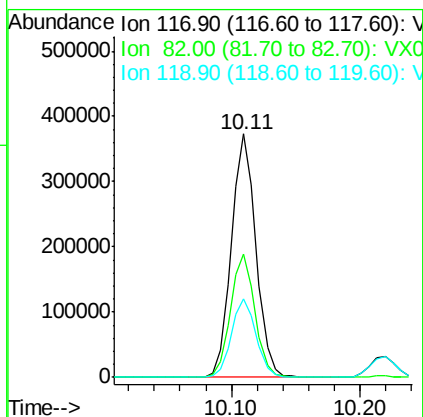
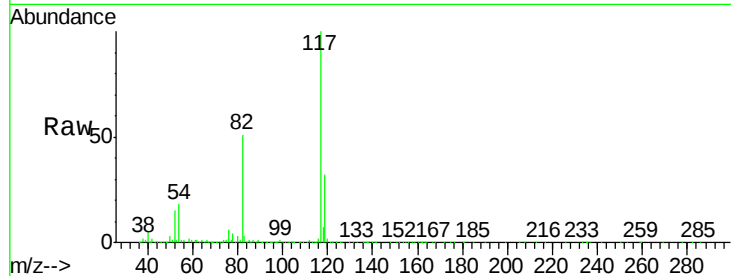
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	497005		
82	50.6	41.7	62.5	
119	32.5	26.2	39.2	

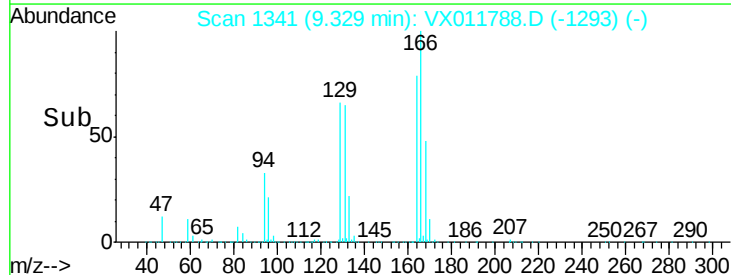
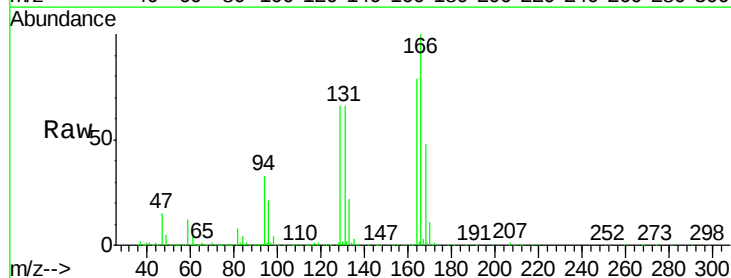
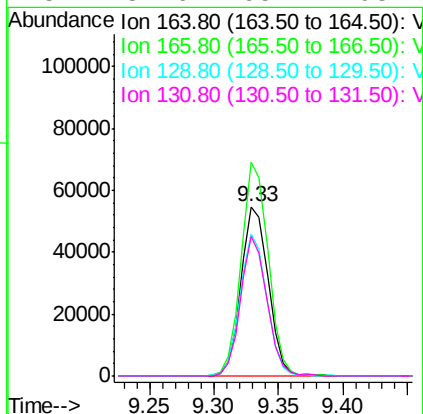
Manual Integrations
APPROVED

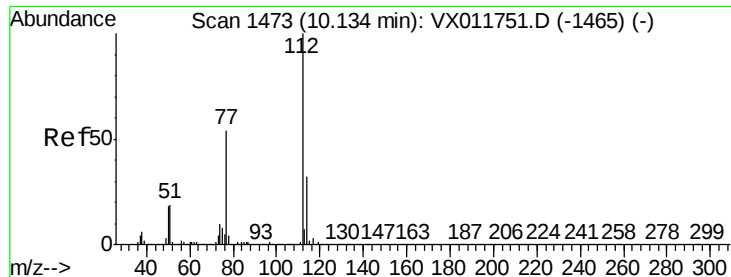
MMDadoda
8/26/2019 11:40:37 AM



#64
Tetrachloroethene
Concen: 20.173 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	79987		
166	126.0	100.7	151.1	
129	83.8	66.8	100.2	
131	82.6	65.4	98.2	





#65

Chlorobenzene

Concen: 19.114 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion:112 Resp: 185470

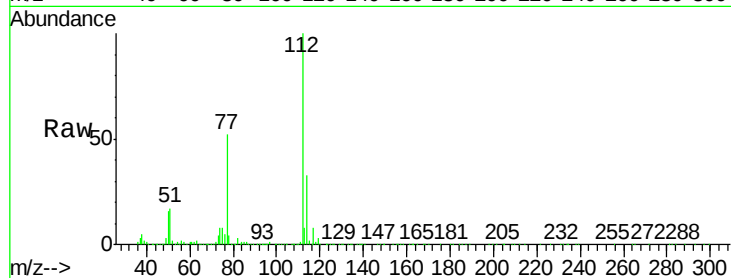
Ion Ratio Lower Upper

112 100

114 32.9 25.4 38.0

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

Ion 113.90 (113.60 to 114.60): V

10.13

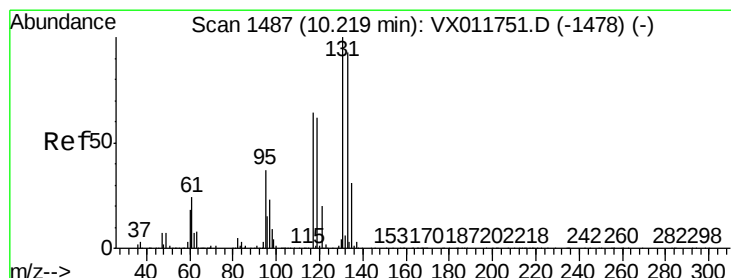
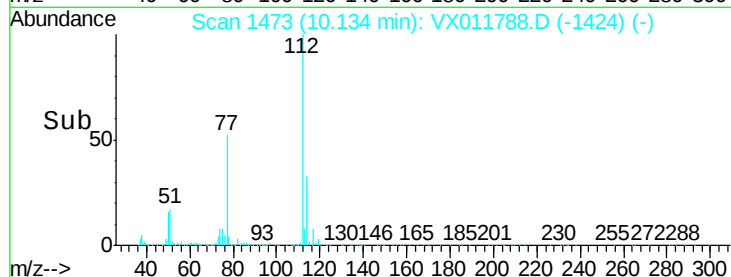
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.027 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

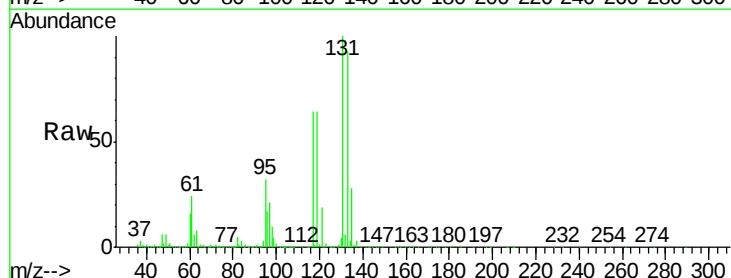
Tgt Ion:131 Resp: 69172

Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.4

119 64.2 31.3 93.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

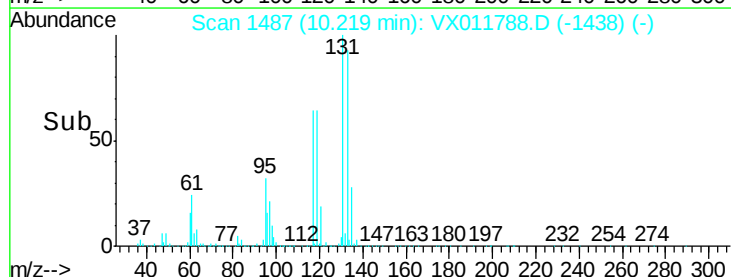
150000

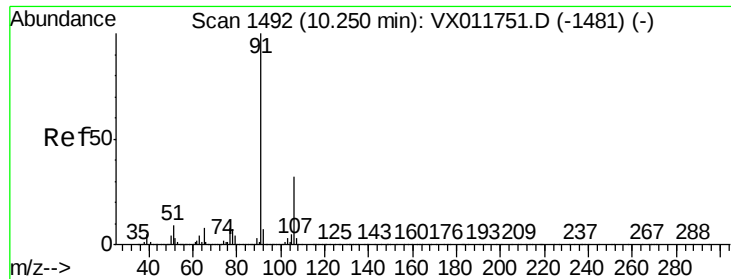
100000

50000

0

Time-->





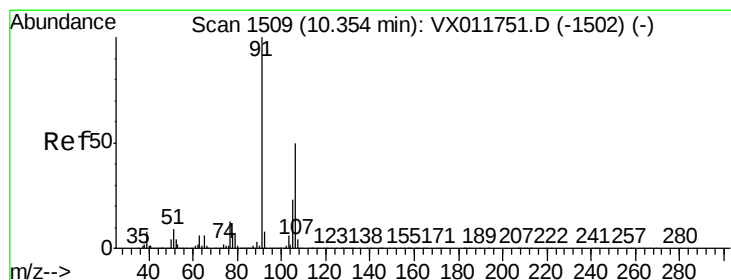
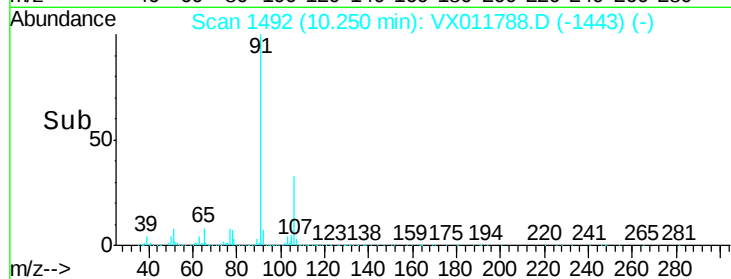
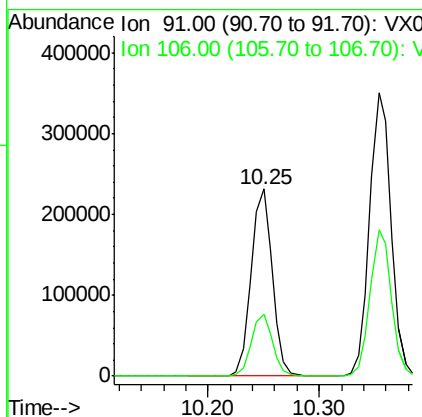
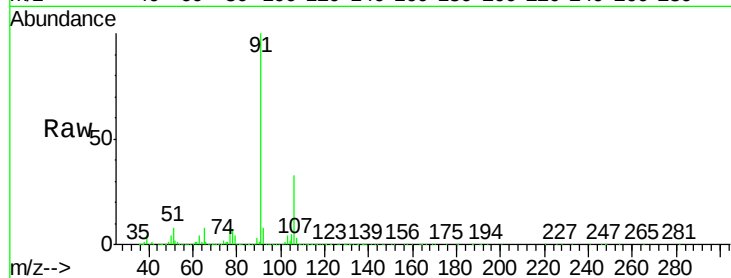
#67
Ethyl Benzene
Concen: 18.891 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	33.2	25.5	38.3

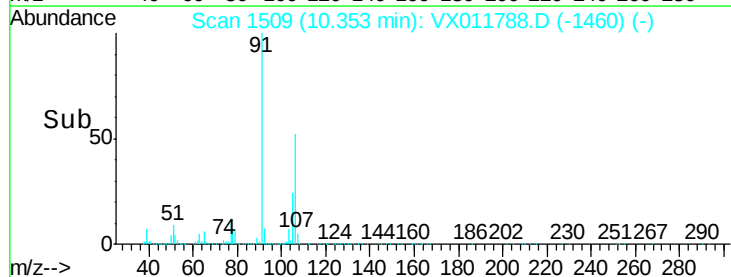
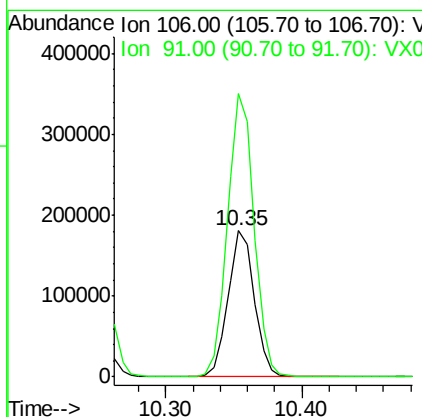
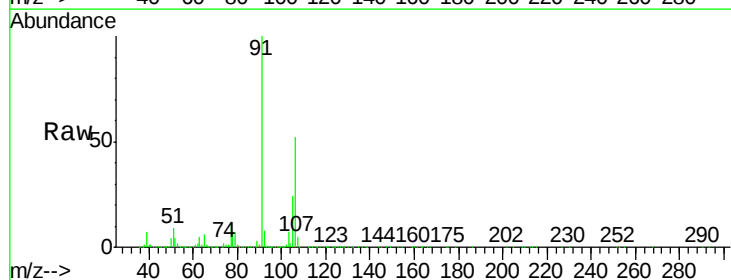
Manual Integrations
APPROVED

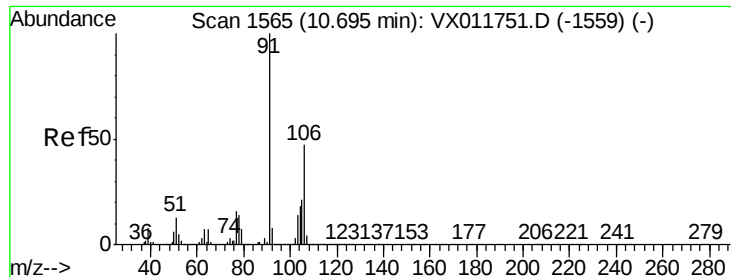
MMDadoda
8/26/2019 11:40:37 AM



#68
m/p-Xylenes
Concen: 38.668 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.7	158.3	237.5





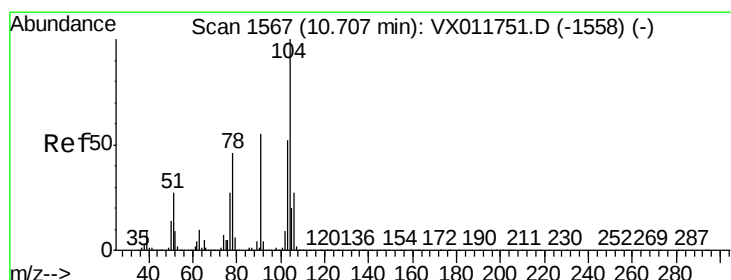
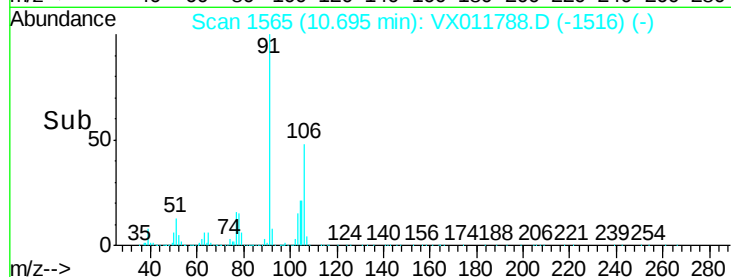
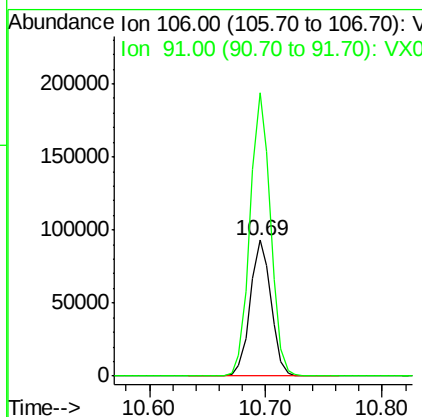
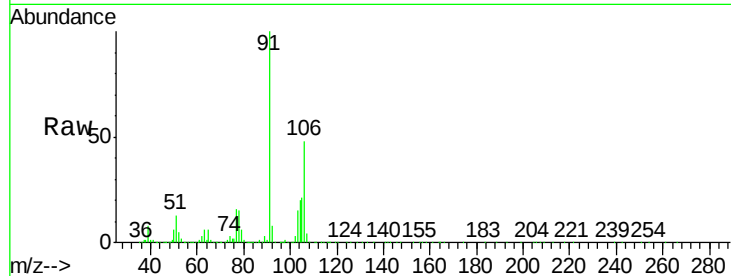
#69
o-Xylene
Concen: 19.027 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.9	105.0	314.9

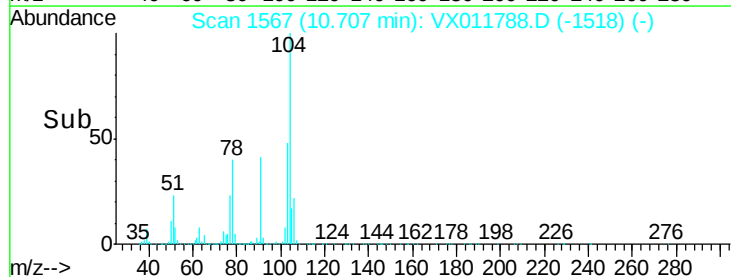
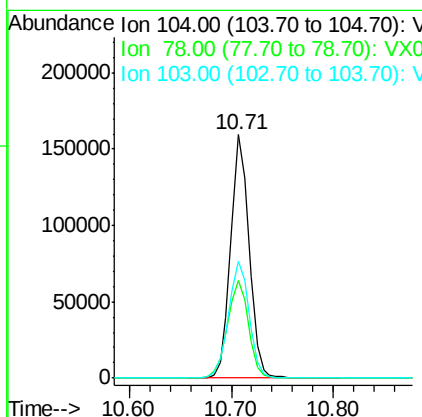
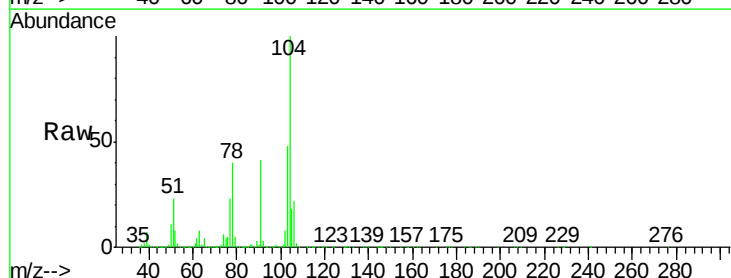
Manual Integrations
APPROVED

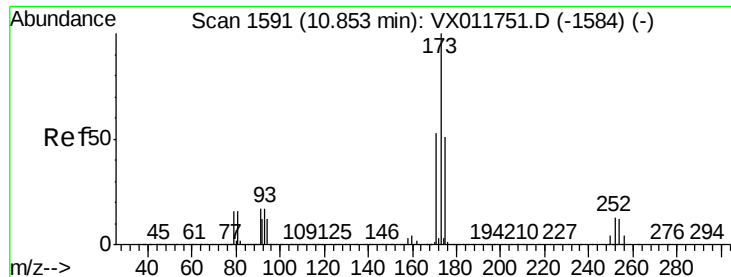
MMDadoda
8/26/2019 11:40:37 AM



#70
Styrene
Concen: 19.396 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.4	39.2	58.8
103	53.6	44.5	66.7





#71

Bromoform

Concen: 17.858 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

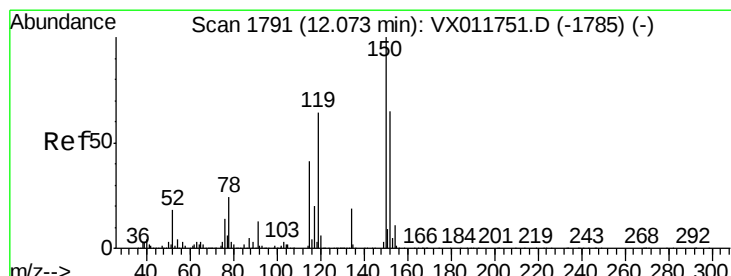
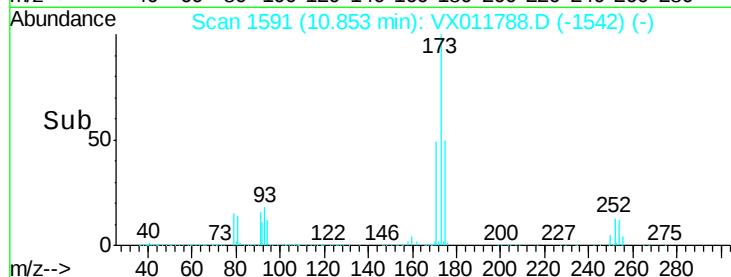
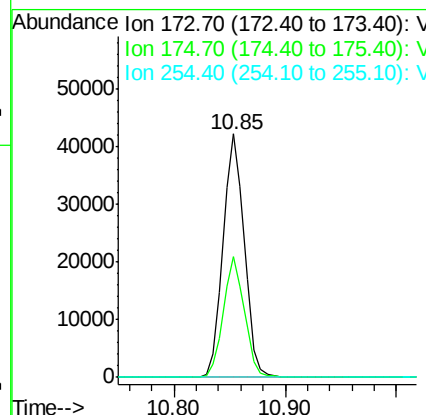
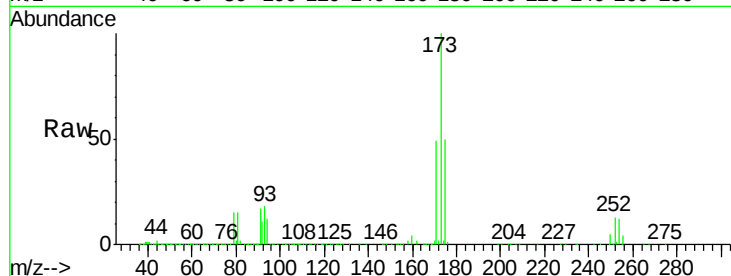
ClientSampleId :

VX0823WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	25.1	75.3
254	0.4	0.2	0.4

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

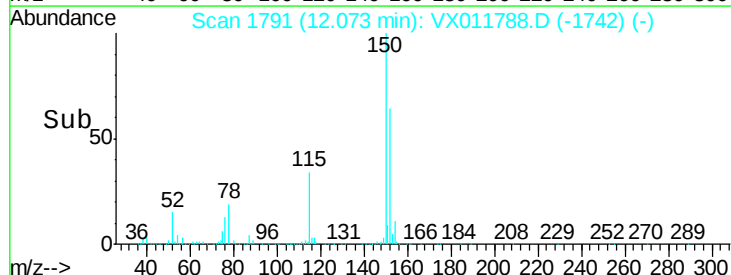
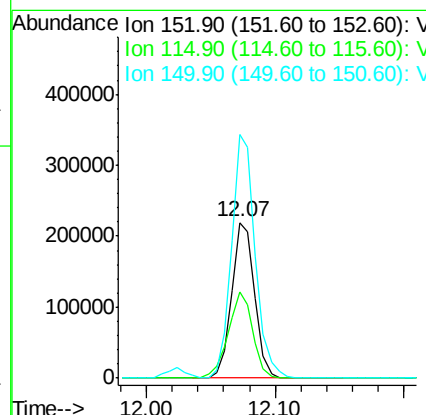
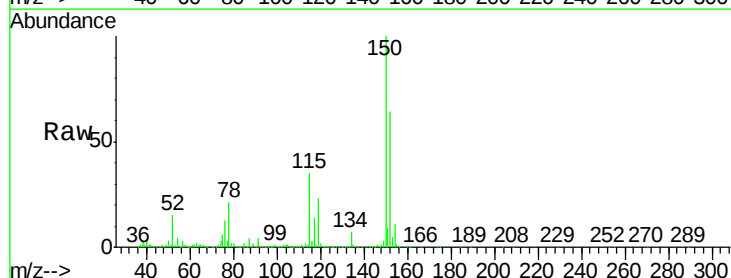
RT: 12.07 min Scan# 1791

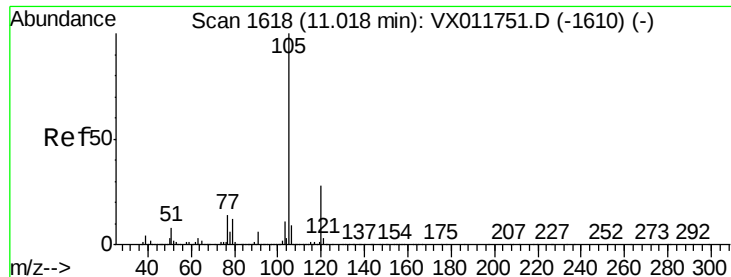
Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	37.3	111.8
150	161.2	0.0	343.0





#73

Isopropylbenzene

Concen: 18.906 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 105 Resp: 312178

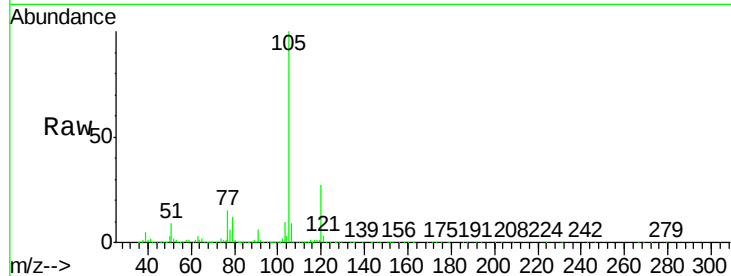
Ion Ratio Lower Upper

105 100

120 28.5 13.9 41.7

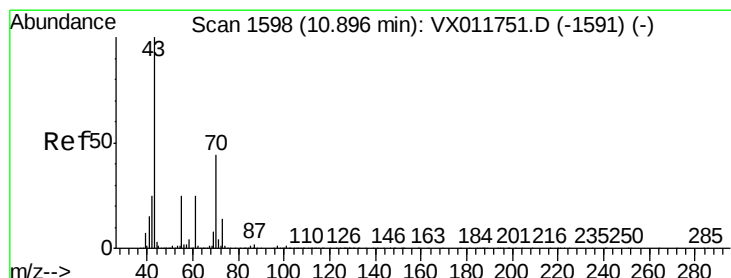
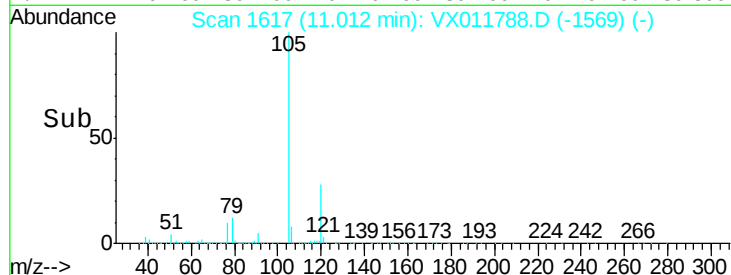
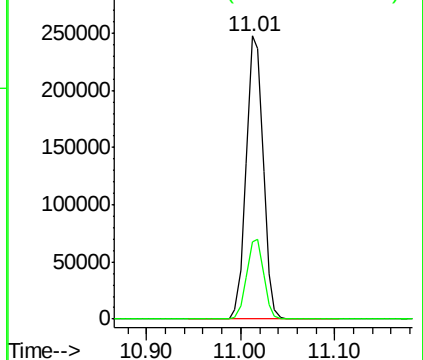
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.140 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion: 43 Resp: 109571

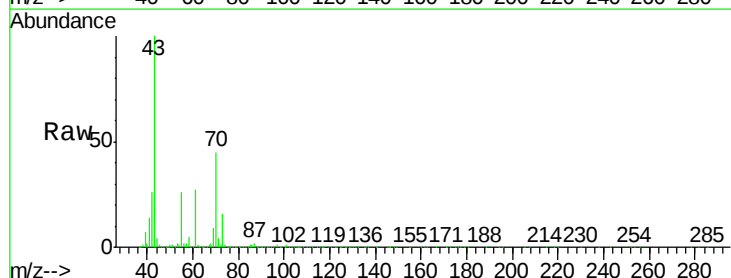
Ion Ratio Lower Upper

43 100

70 45.5 34.8 52.2

55 25.7 19.5 29.3

61 25.4 19.8 29.6

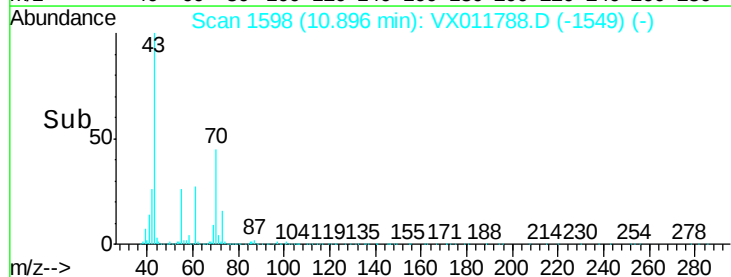
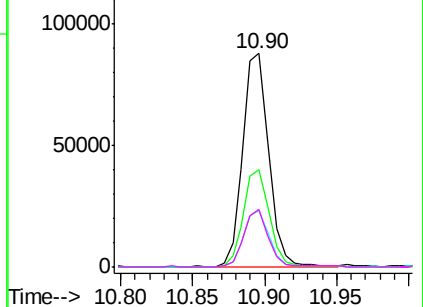


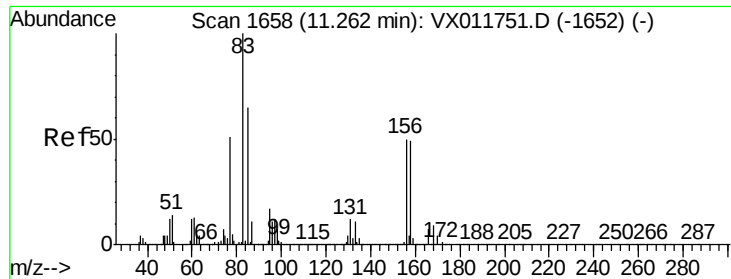
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.629 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

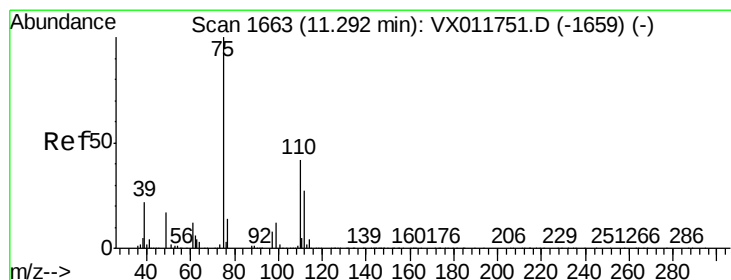
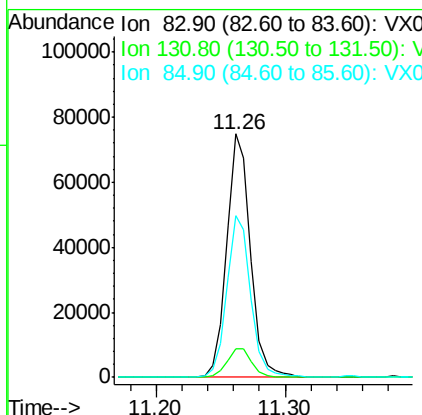
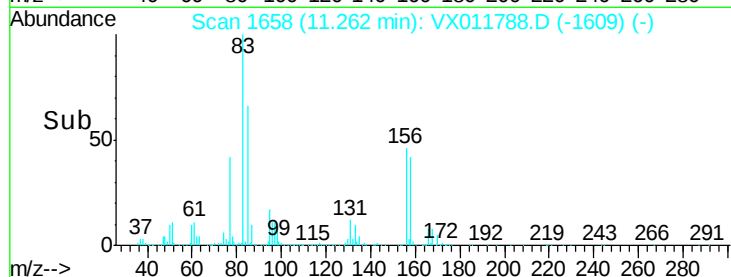
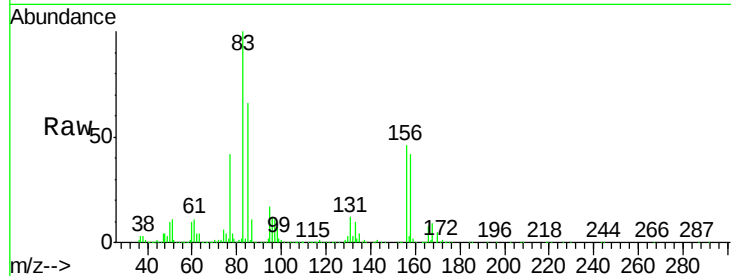
ClientSampleId :

VX0823WBS01

Tot Ion:	83	Resp:	96352
Ion Ratio	Lower	Upper	
83	100		
131	12.9	6.1	18.3
85	67.0	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 17.385 ug/l m

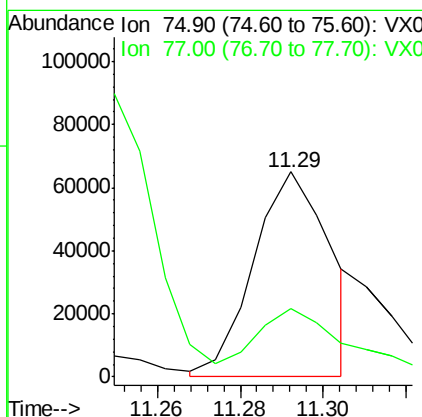
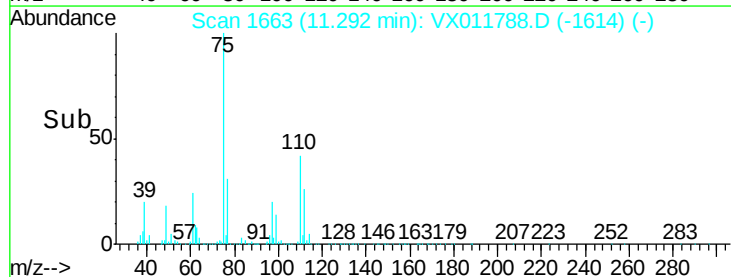
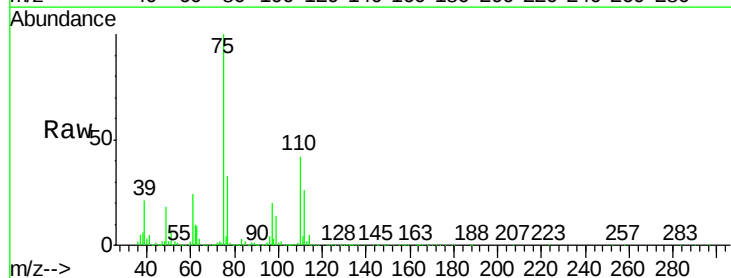
RT: 11.29 min Scan# 1663

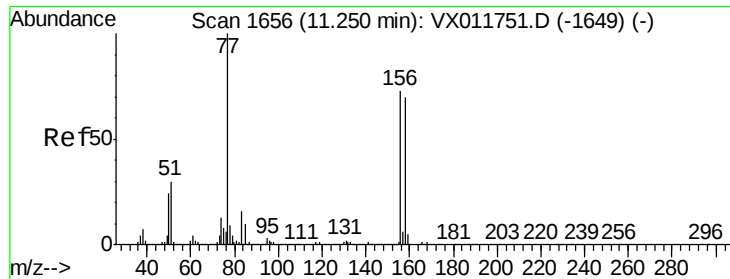
Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion:	75	Resp:	83583
Ion Ratio	Lower	Upper	
75	100		
77	40.3	21.1	63.3





#77

Bromobenzene

Concen: 19.000 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

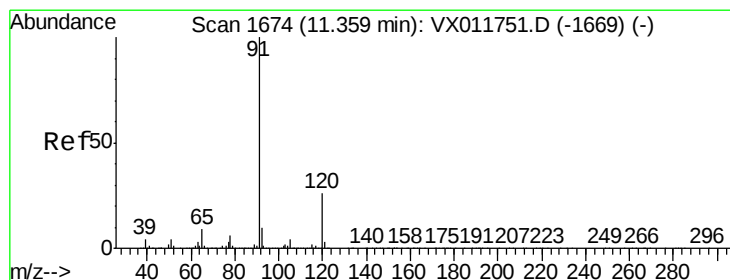
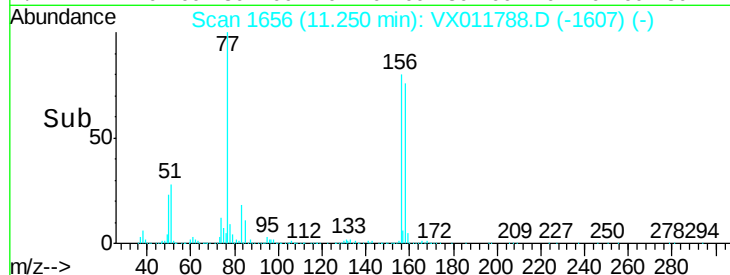
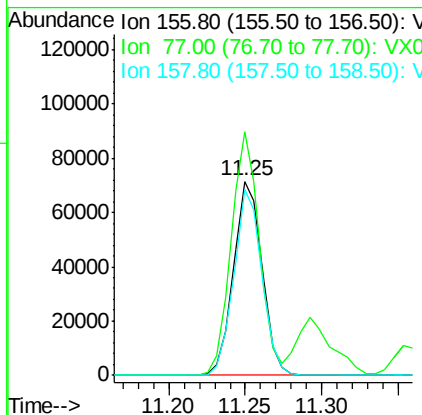
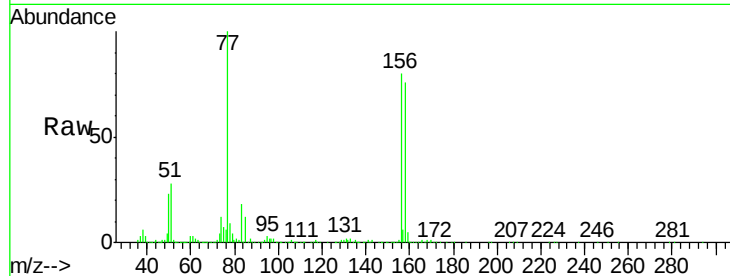
ClientSampleId :

VX0823WBS01

Tot Ion:	156	Resp:	92491
Ion Ratio	Lower	Upper	
156	100		
77	122.9	65.3	196.0
158	94.5	48.4	145.0

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#78

n-propylbenzene

Concen: 19.313 ug/l

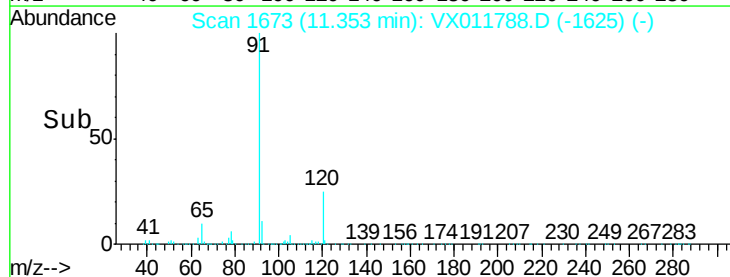
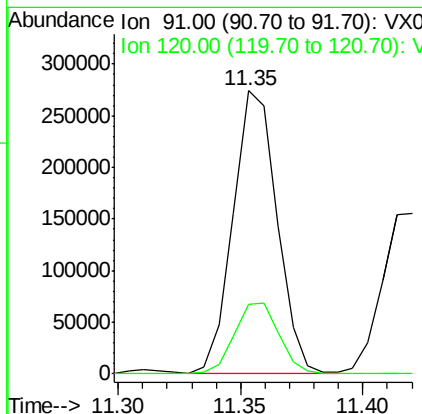
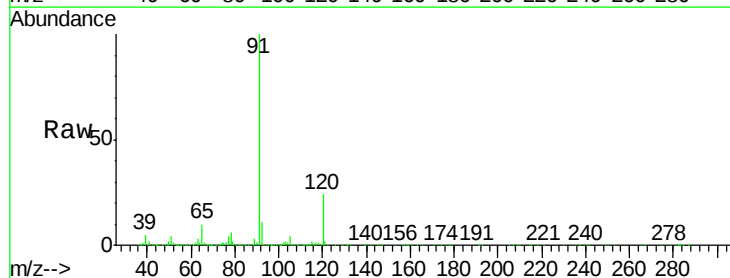
RT: 11.35 min Scan# 1673

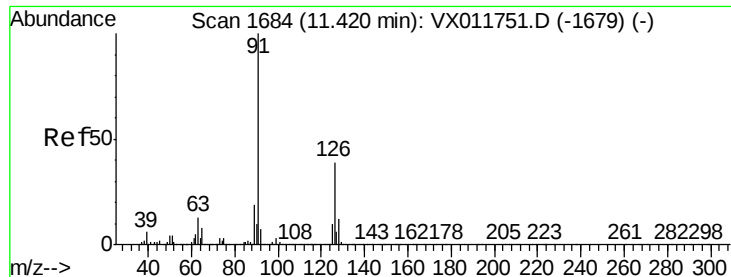
Delta R.T. -0.01 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion:	91	Resp:	340998
Ion Ratio	Lower	Upper	
91	100		
120	25.7	12.7	38.1





#79

2-Chlorotoluene

Concen: 18.525 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0823WBS01

Tot Ion: 91 Resp: 203492

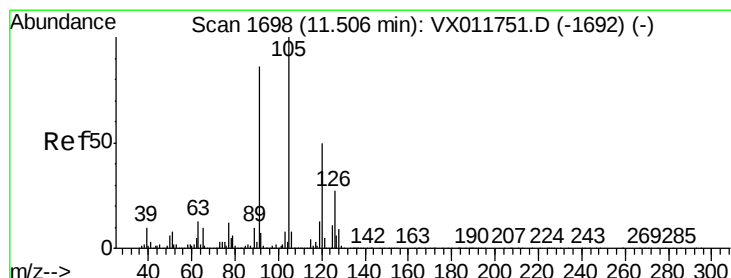
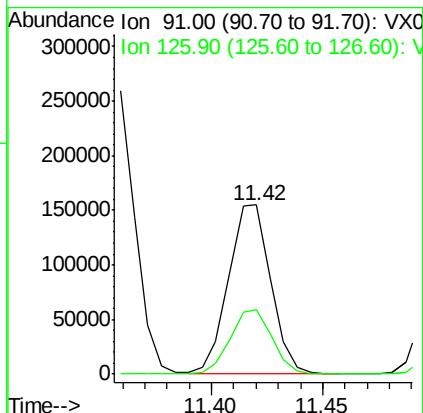
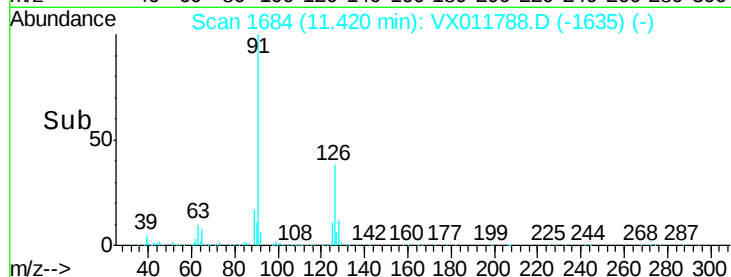
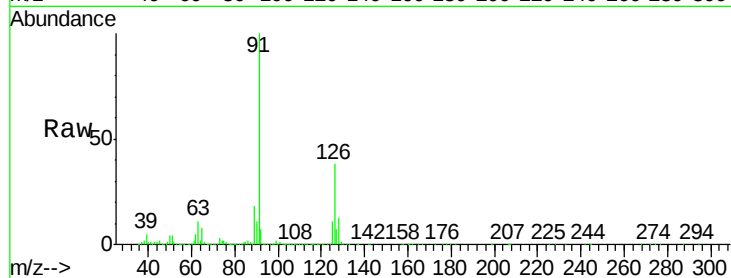
Ion Ratio Lower Upper

91 100

126 38.4 18.6 55.6

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#80

1,3,5-Trimethylbenzene

Concen: 19.324 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011788.D

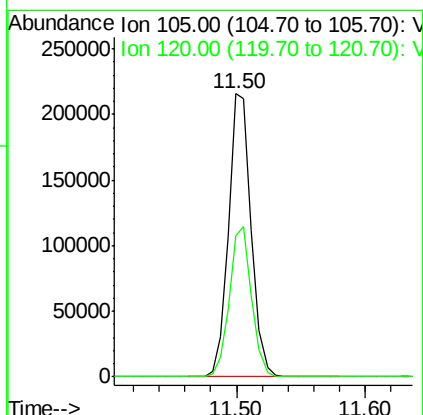
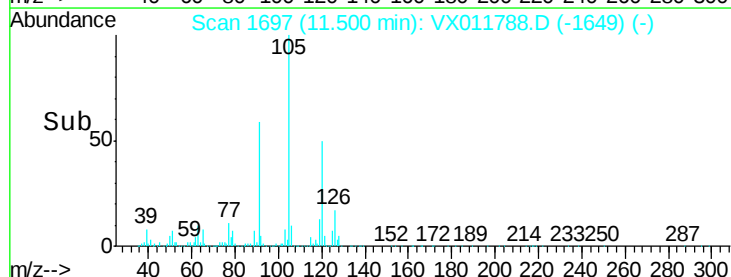
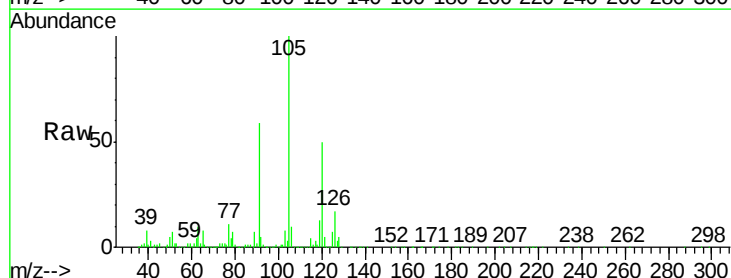
Acq: 23 Aug 2019 11:22

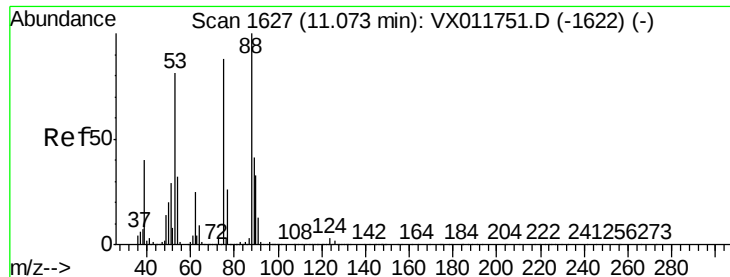
Tgt Ion: 105 Resp: 266228

Ion Ratio Lower Upper

105 100

120 51.9 24.8 74.4





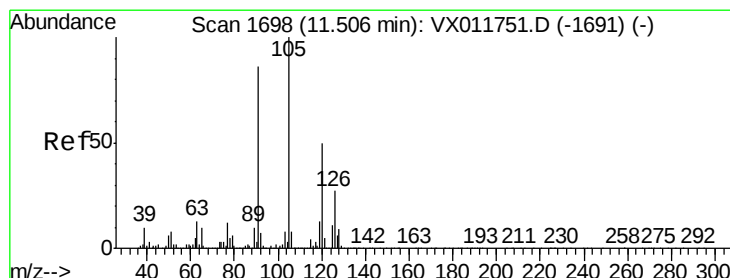
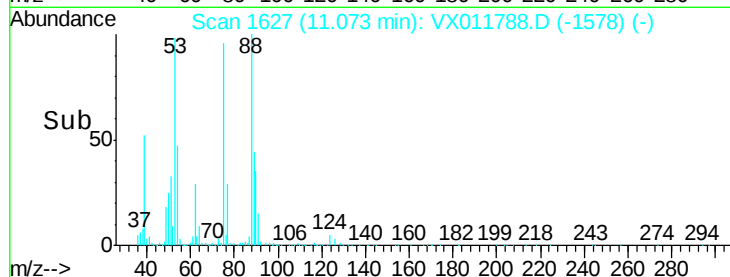
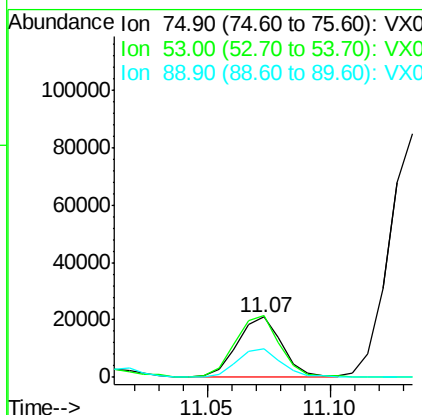
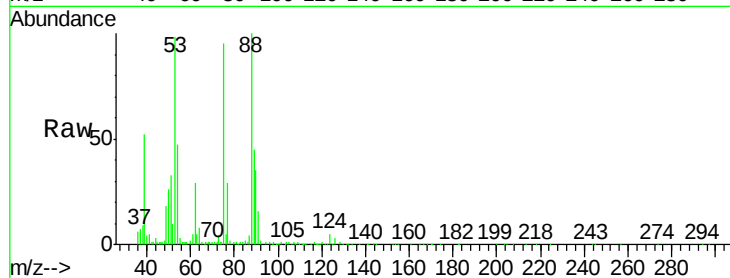
#81
trans-1,4-Dichloro-2-butene
Concen: 16.535 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.9	77.1	115.7
89	49.3	38.5	57.7

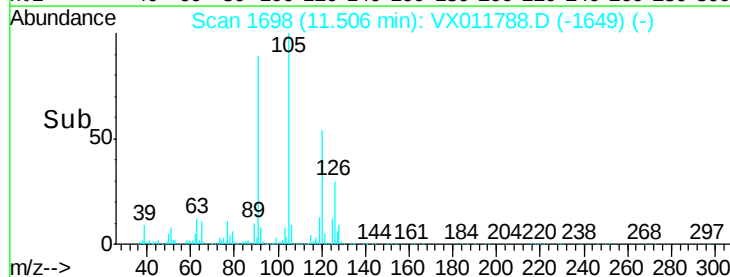
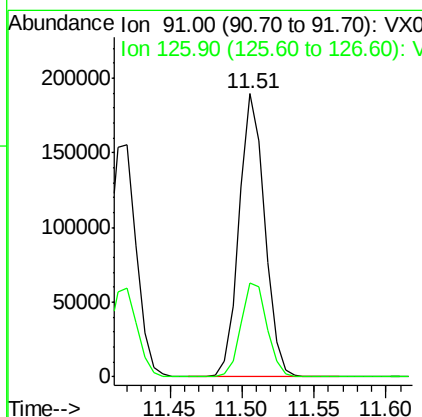
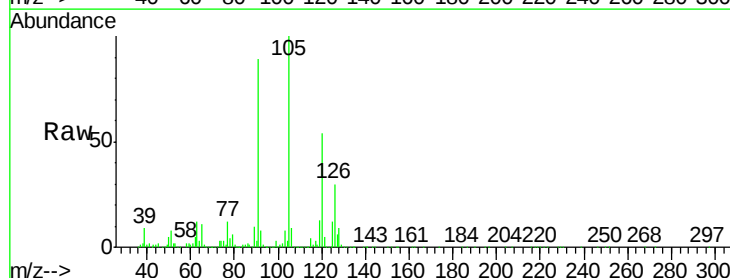
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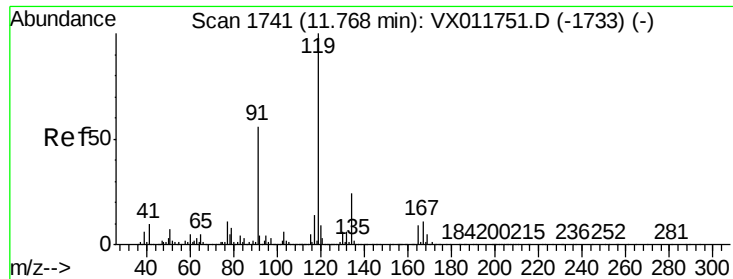
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#82
4-Chlorotoluene
Concen: 18.471 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.2	48.6





#83

tert-Butylbenzene

Concen: 19.513 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Instrument :

MSVOA_X

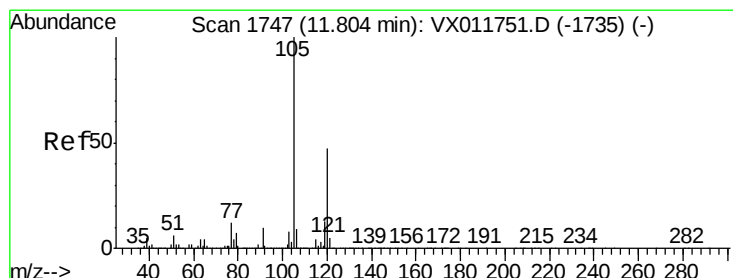
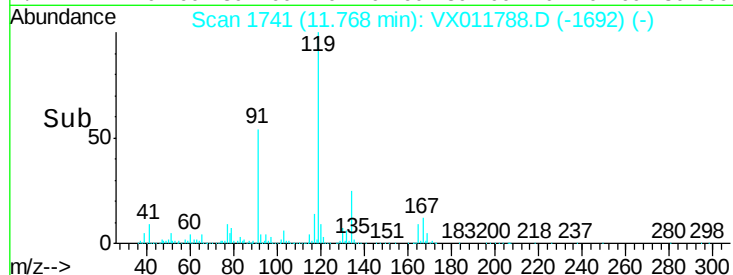
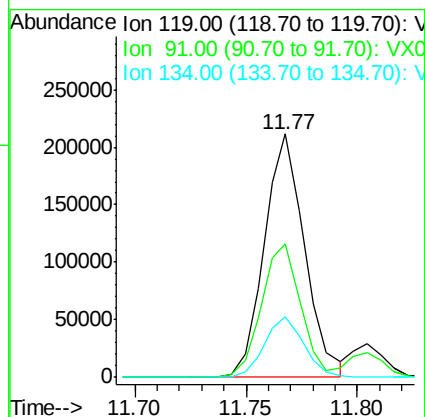
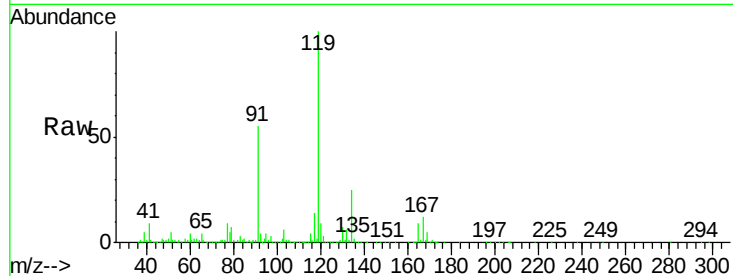
ClientSampleId :

VX0823WBS01

Tot Ion:	119	Resp:	265227
Ion Ratio	Lower	Upper	
119	100		
91	53.1	27.7	83.1
134	24.4	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 18.938 ug/l

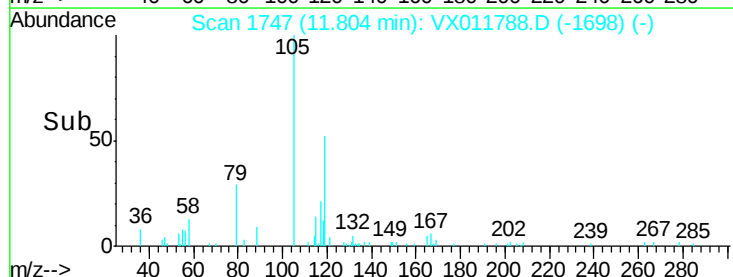
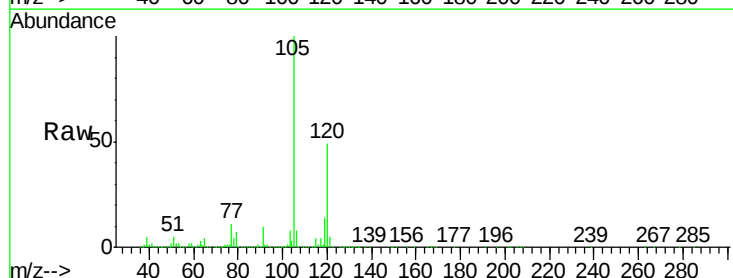
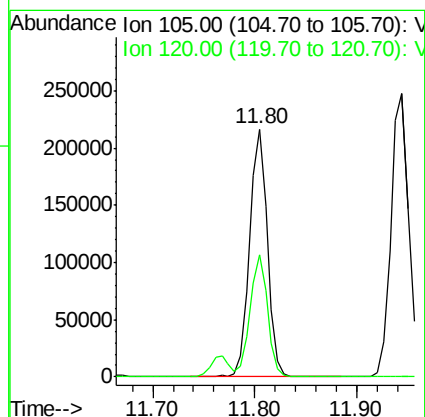
RT: 11.80 min Scan# 1747

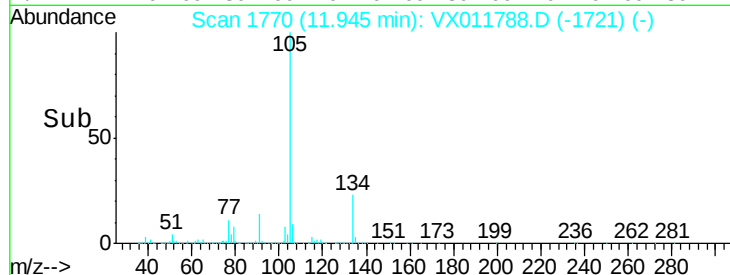
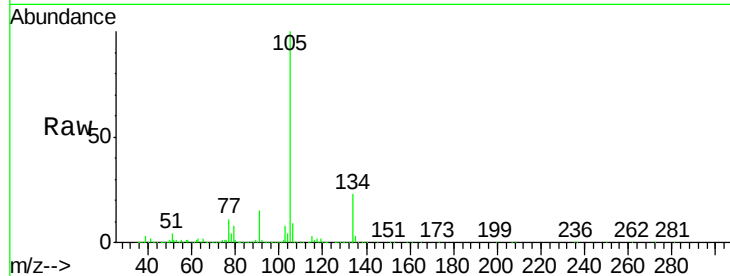
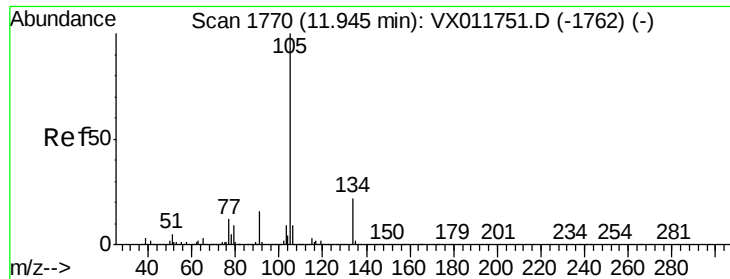
Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tgt Ion:	105	Resp:	263471
Ion Ratio	Lower	Upper	
105	100		
120	48.2	23.7	71.1





#85

sec-Butylbenzene

Concen: 19.396 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

Tot Ion:105 Resp: 301584

Ion Ratio Lower Upper

105 100

134 22.6 10.8 32.3

Instrument :

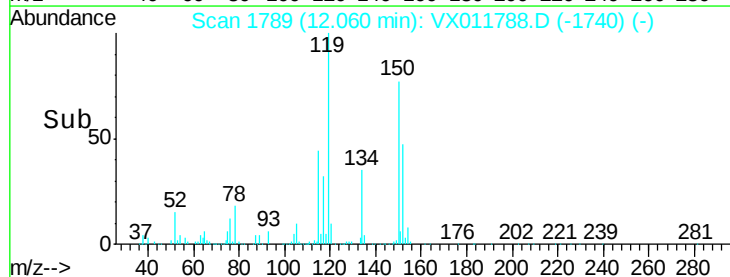
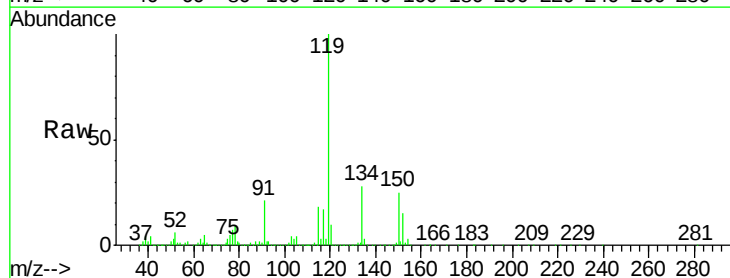
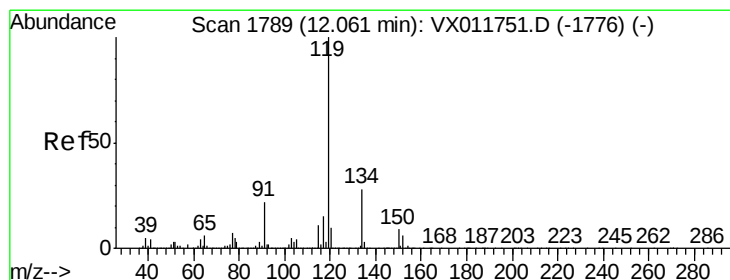
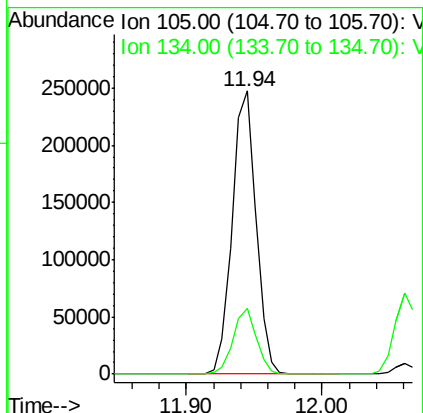
MSVOA_X

ClientSampleId :

VX0823WBS01

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#86

p-Isopropyltoluene

Concen: 19.404 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011788.D

Acq: 23 Aug 2019 11:22

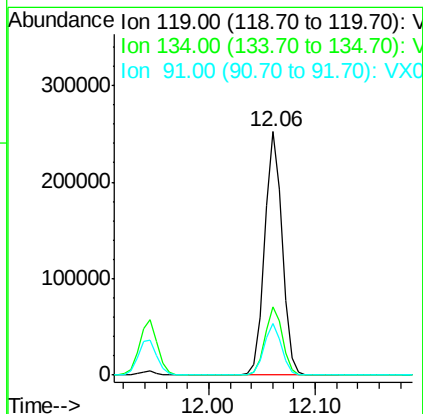
Tgt Ion:119 Resp: 290280

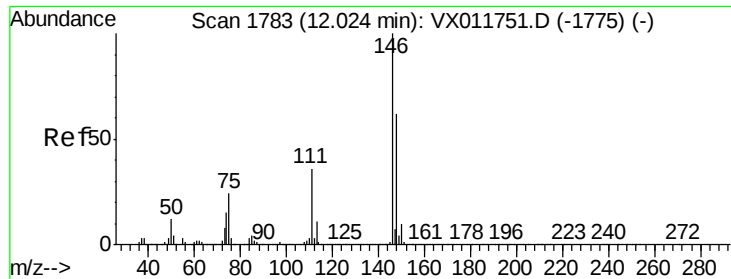
Ion Ratio Lower Upper

119 100

134 28.2 13.7 41.0

91 21.1 11.1 33.3





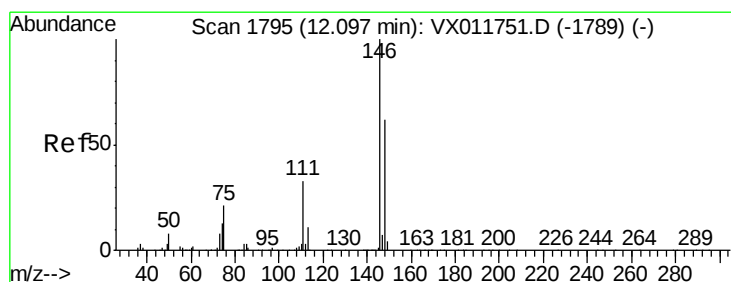
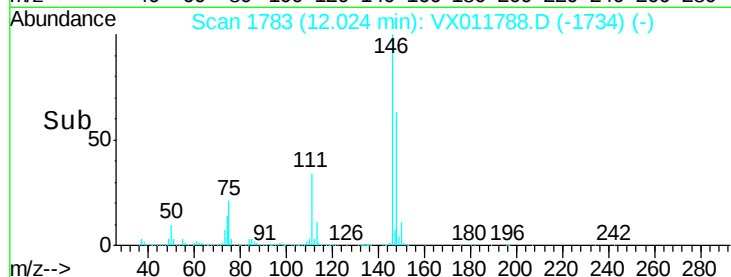
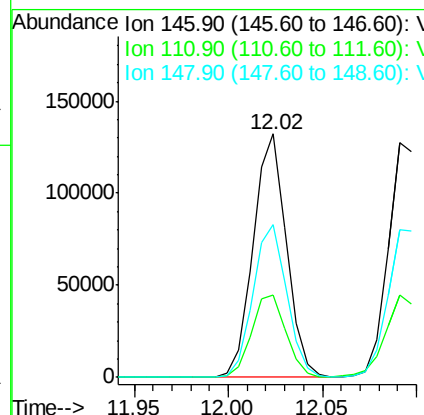
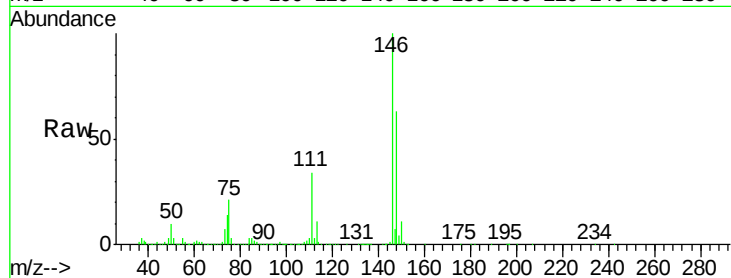
#87
 1,3-Dichlorobenzene
 Concen: 19.233 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	35.1	18.1	54.4
148	64.1	31.6	94.7

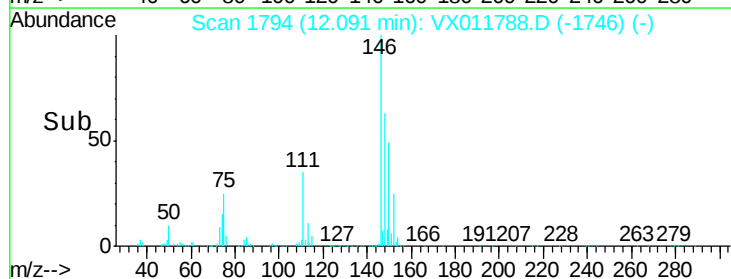
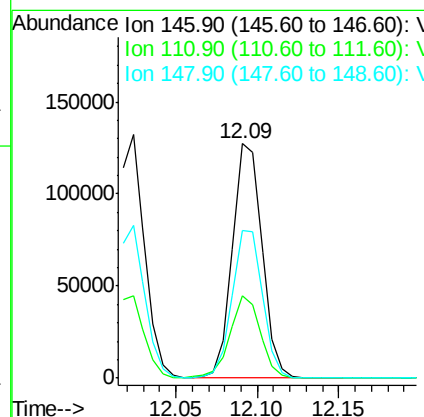
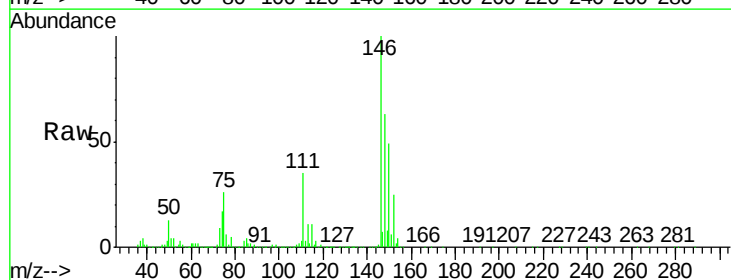
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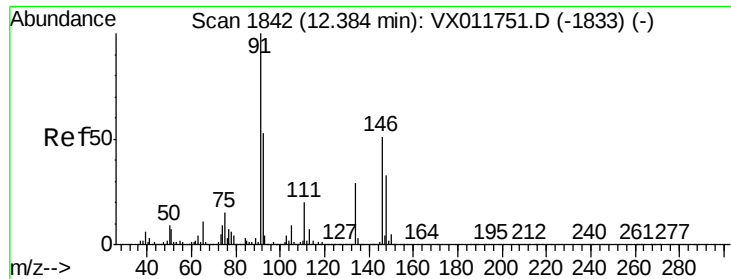
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#88
 1,4-Dichlorobenzene
 Concen: 18.926 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
111	35.7	17.8	53.4
148	64.8	31.9	95.7





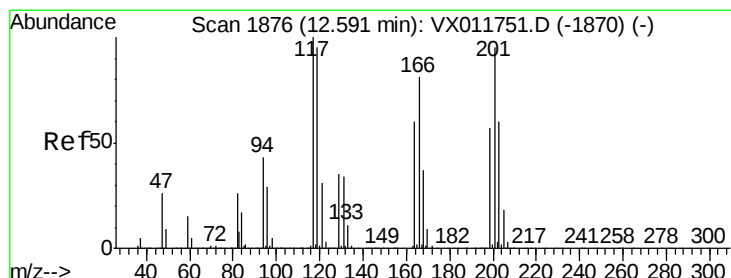
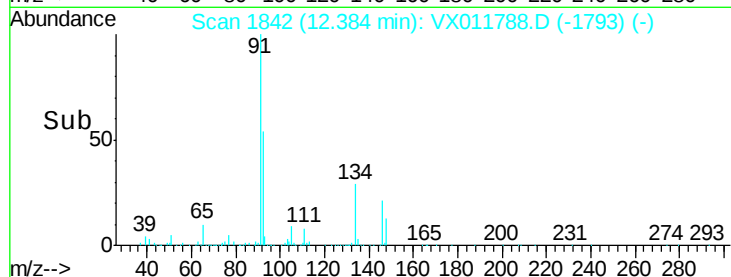
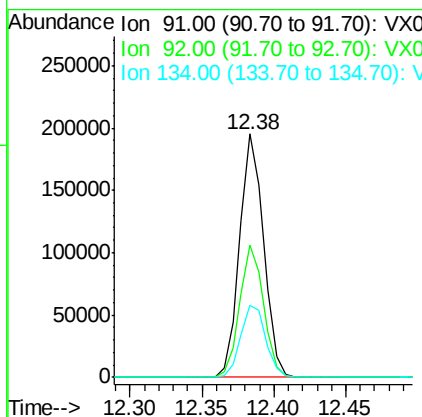
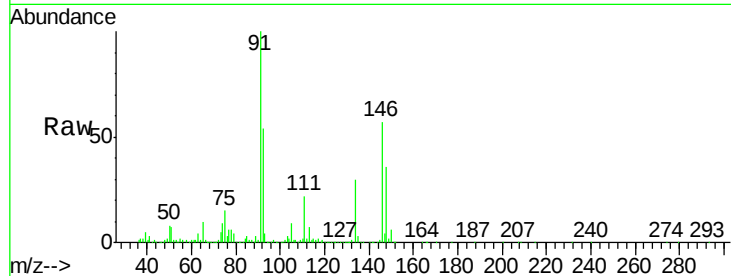
#89
n-Butylbenzene
Concen: 18.339 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	227115		
92	53.9	26.7	80.0	
134	30.7	14.6	43.8	

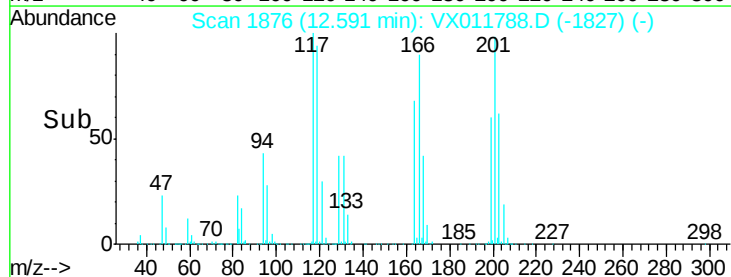
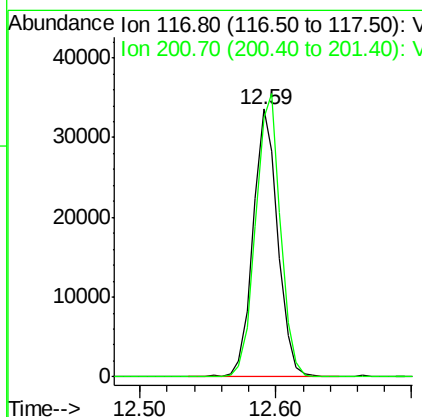
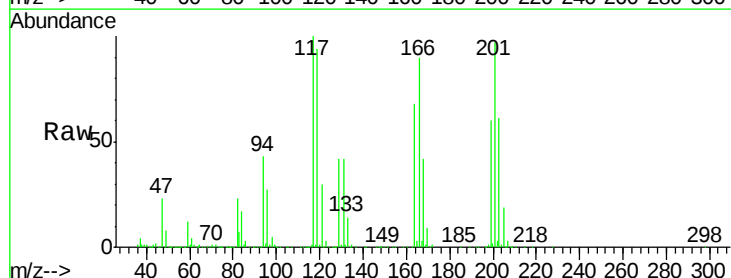
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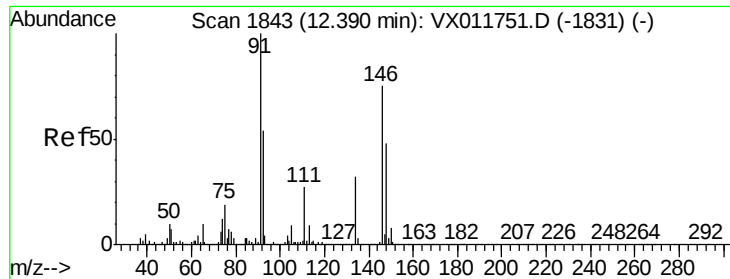
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#90
Hexachloroethane
Concen: 18.387 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42734		
201	106.1	49.6	149.0	





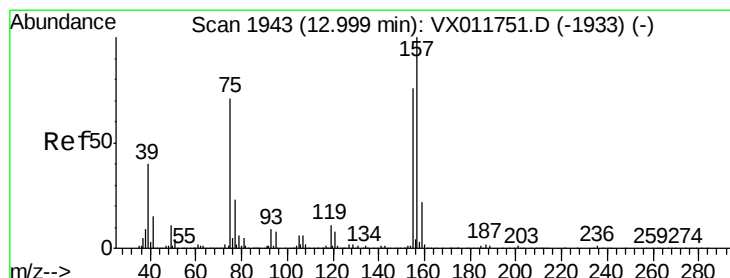
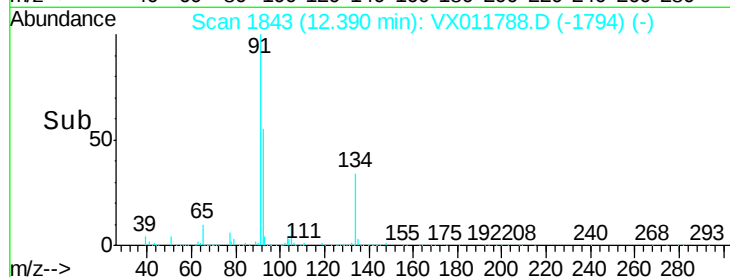
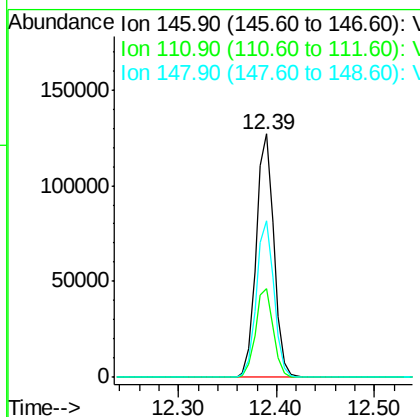
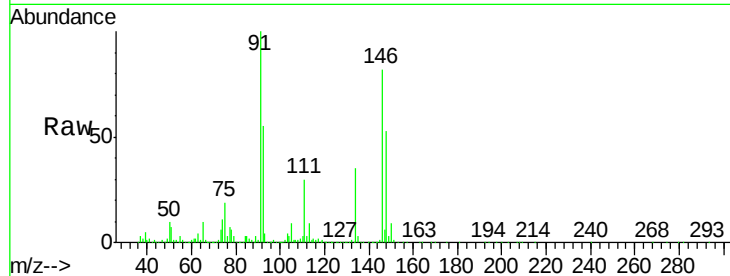
#91
 1,2-Dichlorobenzene
 Concen: 18.802 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158966		
111	36.5	18.8	56.4	
148	63.9	31.6	95.0	

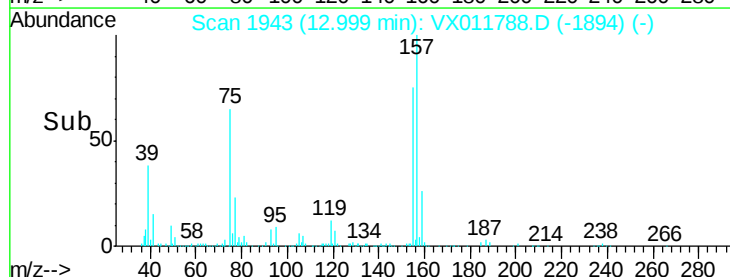
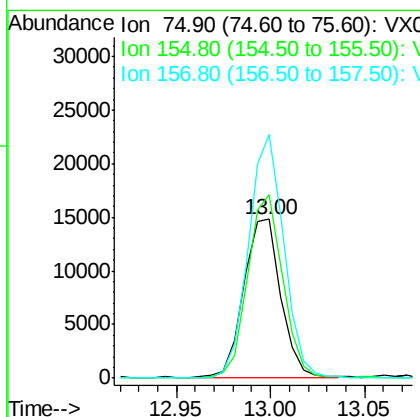
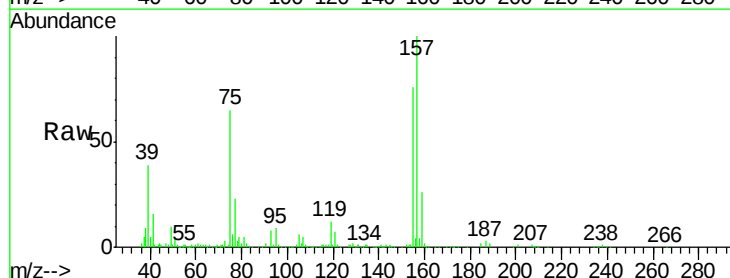
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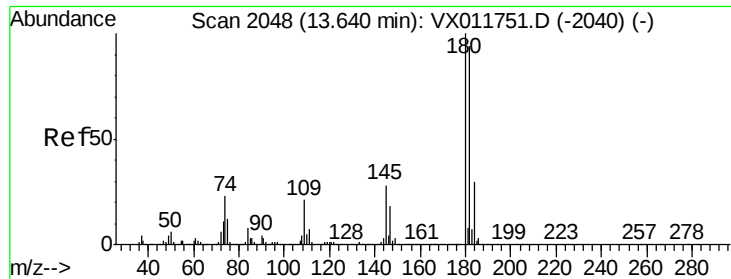
MMDadoda
 8/26/2019 11:40:37 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.008 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20337		
155	109.7	52.6	157.9	
157	145.7	68.3	204.9	





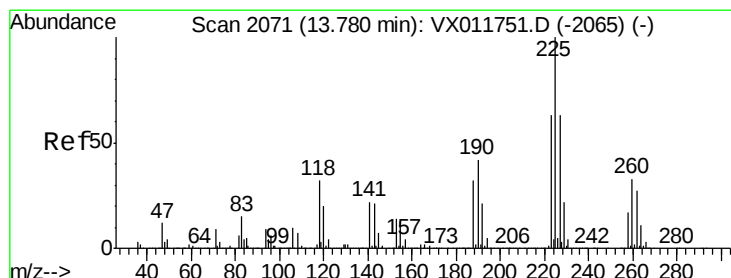
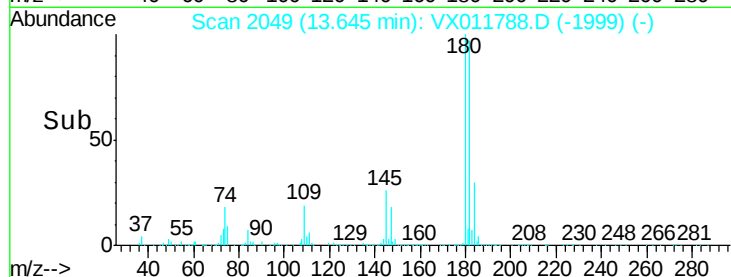
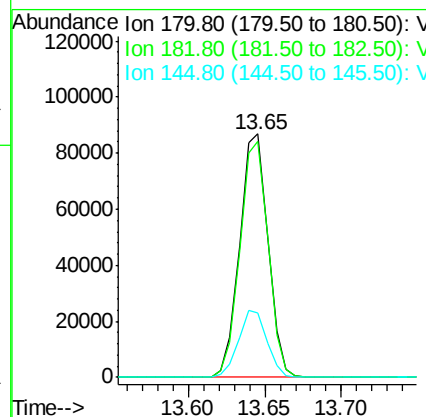
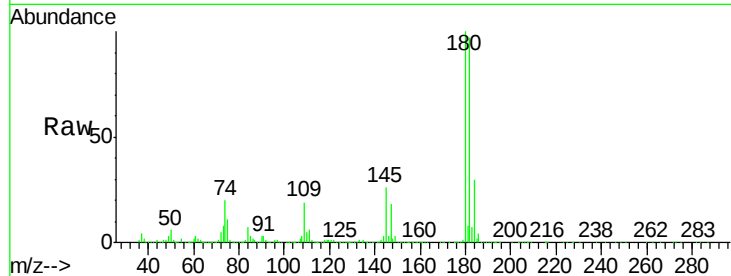
#93
 1,2,4-Trichlorobenzene
 Concen: 17.950 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111635		
182	96.4	47.8	143.4	
145	27.7	14.1	42.3	

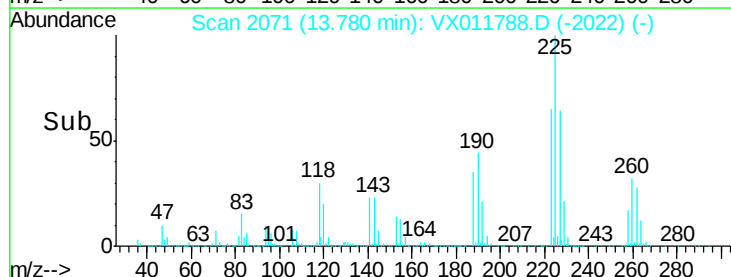
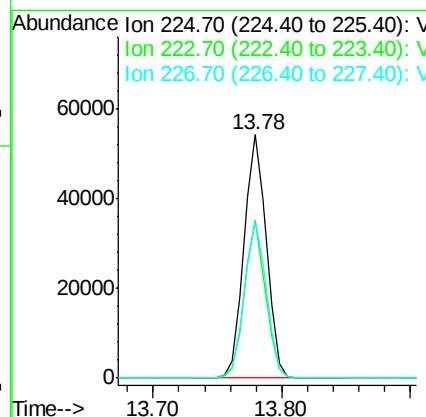
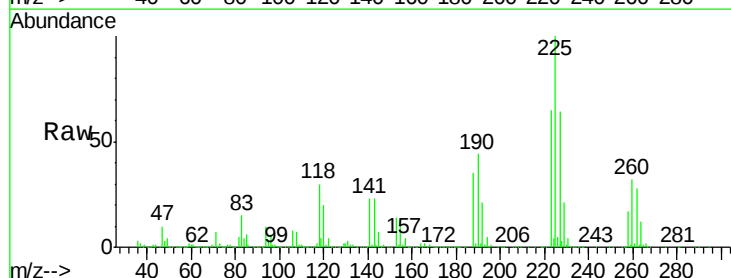
Manual Integrations
 APPROVED

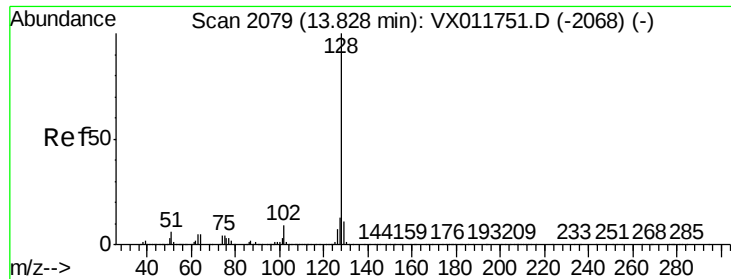
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 8/26/2019 11:40:37 AM



#94
 Hexachlorobutadiene
 Concen: 19.129 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011788.D
 Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65190		
223	61.2	31.0	93.0	
227	63.1	31.8	95.3	





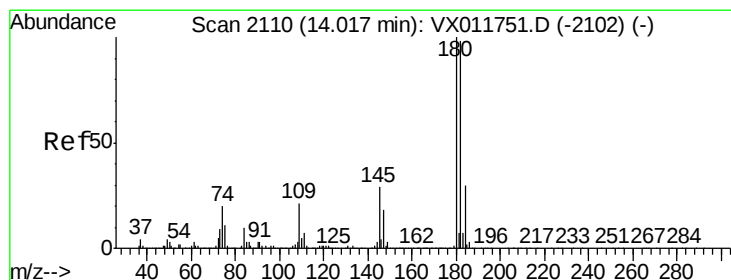
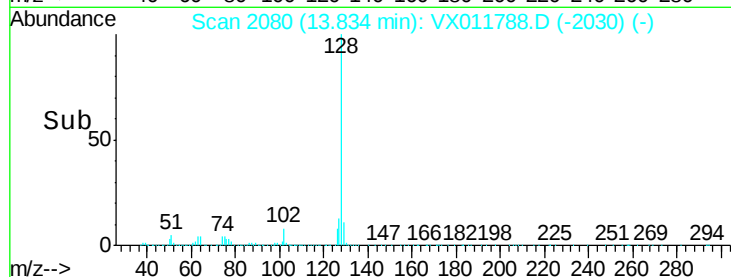
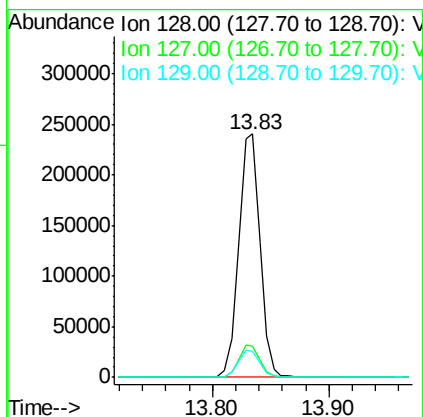
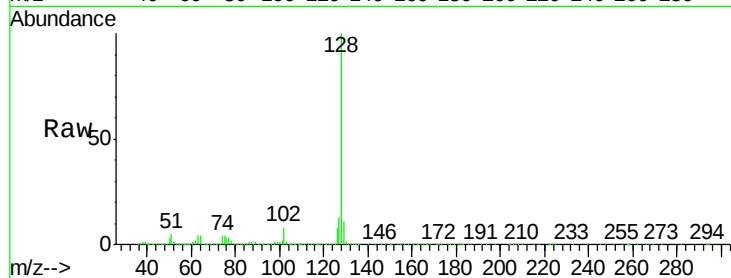
#95
Naphthalene
Concen: 17.858 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0823WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.693 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011788.D
Acq: 23 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.5	145.5
145	29.2	14.6	43.8

