

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011758.D
 Acq On : 22 Aug 2019 13:47
 Operator : JC/SP
 Sample : VX0822WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 8:41:56 AM

Quant Time: Aug 23 02:15:48 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	371033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	508284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	461451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	247847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	195357	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
35) Dibromofluoromethane	5.49	113	167757	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	8.71	98	616792	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
62) 4-Bromofluorobenzene	11.13	95	228047	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	81343	23.491	ug/l	99
3) Chloromethane	1.32	50	69247	22.803	ug/l	98
4) Vinyl Chloride	1.40	62	66535	21.917	ug/l	100
5) Bromomethane	1.63	94	39170	23.422	ug/l	90
6) Chloroethane	1.71	64	36155	20.370	ug/l	99
7) Trichlorofluoromethane	1.92	101	104873	21.699	ug/l	98
8) Diethyl Ether	2.18	74	33033	20.100	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63656	21.284	ug/l	98
10) Methyl Iodide	2.50	142	70123	19.196	ug/l	97
11) Tert butyl alcohol	3.03	59	70959	96.343	ug/l #	93
12) 1,1-Dichloroethene	2.37	96	59856	20.525	ug/l	96
13) Acrolein	2.28	56	33870	118.965	ug/l	95
14) Allyl chloride	2.72	41	92629	20.322	ug/l	95
15) Acrylonitrile	3.13	53	168259	99.879	ug/l	98
16) Acetone	2.43	43	163704	100.966	ug/l	99
17) Carbon Disulfide	2.56	76	147205	19.964	ug/l	99
18) Methyl Acetate	2.76	43	93444	21.239	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	194845	20.829	ug/l	99
20) Methylene Chloride	2.85	84	65591	19.787	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	63787	20.279	ug/l	98
22) Diisopropyl ether	3.84	45	183835	20.799	ug/l	92
23) Vinyl Acetate	3.81	43	764220	104.429	ug/l	100
24) 1,1-Dichloroethane	3.68	63	107092	20.521	ug/l	99
25) 2-Butanone	4.66	43	238284	102.388	ug/l	99
26) 2,2-Dichloropropane	4.57	77	91373	20.618	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	72329	20.051	ug/l	99
28) Bromochloromethane	5.00	49	48605	20.518	ug/l	98
29) Tetrahydrofuran	5.12	42	151633	101.642	ug/l	98
30) Chloroform	5.20	83	116953	20.656	ug/l	99
31) Cyclohexane	5.57	56	96428	21.040	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	105729	21.483	ug/l	99
36) 1,1-Dichloropropene	5.79	75	84954	21.314	ug/l	99
37) Ethyl Acetate	4.82	43	85011	20.154	ug/l	99
38) Carbon Tetrachloride	5.78	117	93164	20.624	ug/l	96

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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	104939	21.246	ug/l	96
40) Benzene	6.13	78	251678	20.412	ug/l	96
41) Methacrylonitrile	5.03	41	48110	19.612	ug/l	99
42) 1,2-Dichloroethane	6.18	62	94261	20.913	ug/l	99
43) Isopropyl Acetate	6.43	43	136177	19.947	ug/l	99
44) Trichloroethene	7.21	130	76436	20.110	ug/l	95
45) 1,2-Dichloropropane	7.51	63	62399	20.134	ug/l	96
46) Dibromomethane	7.66	93	45905	20.090	ug/l	98
47) Bromodichloromethane	7.89	83	83275	20.246	ug/l	100
48) Methyl methacrylate	7.76	41	69083	20.333	ug/l	99
49) 1,4-Dioxane	7.73	88	35953	381.926	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	454084	100.942	ug/l	99
52) Toluene	8.78	92	162106	20.316	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	89065	20.627	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99326	21.086	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	67855	20.412	ug/l	97
56) Ethyl methacrylate	9.17	69	97688	20.663	ug/l	96
57) 1,3-Dichloropropane	9.37	76	109449	20.390	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	222011	89.271	ug/l	99
59) 2-Hexanone	9.49	43	351437	101.786	ug/l	99
60) Dibromochloromethane	9.58	129	72461	20.161	ug/l	100
61) 1,2-Dibromoethane	9.66	107	73007	20.468	ug/l	98
64) Tetrachloroethene	9.33	164	75974	20.637	ug/l	96
65) Chlorobenzene	10.13	112	187346	20.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	69994	20.736	ug/l	100
67) Ethyl Benzene	10.25	91	315663	20.967	ug/l	100
68) m/p-Xylenes	10.35	106	244173	42.062	ug/l	98
69) o-Xylene	10.69	106	116872	20.506	ug/l	99
70) Styrene	10.71	104	198072	20.774	ug/l	99
71) Bromoform	10.85	173	54833	18.831	ug/l #	98
73) Isopropylbenzene	11.01	105	324213	21.707	ug/l	100
74) N-amyl acetate	10.89	43	118364	20.469	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	101034	20.436	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	89355m	20.546	ug/l	
77) Bromobenzene	11.25	156	89583	20.345	ug/l	98
78) n-propylbenzene	11.35	91	357087	22.359	ug/l	98
79) 2-Chlorotoluene	11.41	91	214647	21.603	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	273697	21.962	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27024	18.740	ug/l	88
82) 4-Chlorotoluene	11.51	91	249167	21.755	ug/l	99
83) tert-Butylbenzene	11.77	119	275125	22.376	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	275538	21.895	ug/l	97
85) sec-Butylbenzene	11.94	105	315042	22.400	ug/l	99
86) p-Isopropyltoluene	12.06	119	301251	22.262	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	158841	20.948	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	160581	20.932	ug/l	99
89) n-Butylbenzene	12.38	91	246416	21.997	ug/l	99
90) Hexachloroethane	12.59	117	44221	21.034	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	157499	20.594	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22572	19.642	ug/l	95

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Instrument :
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ClientSampleId :
VX0822WBS01

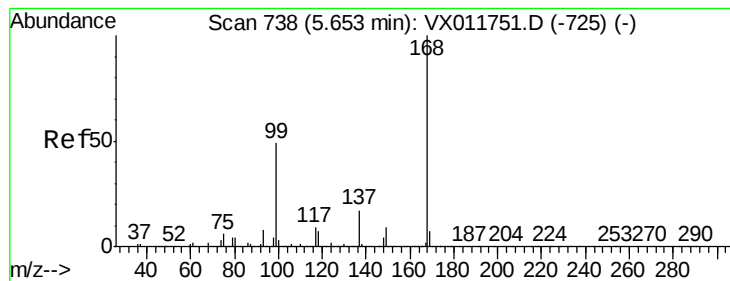
Manual Integrations
APPROVED

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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)
93) 1,2,4-Trichlorobenzene	13.64	180	114583	20.368	ug/l	99
94) Hexachlorobutadiene	13.78	225	63436	20.578	ug/l	99
95) Naphthalene	13.83	128	320618	20.693	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	116315	20.592	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion:168 Resp: 371033

Ion Ratio Lower Upper

168 100

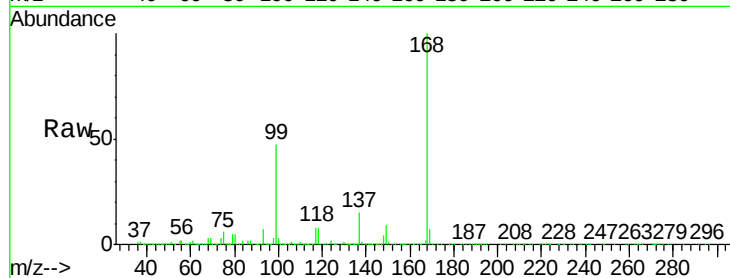
99 47.2 39.4 59.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

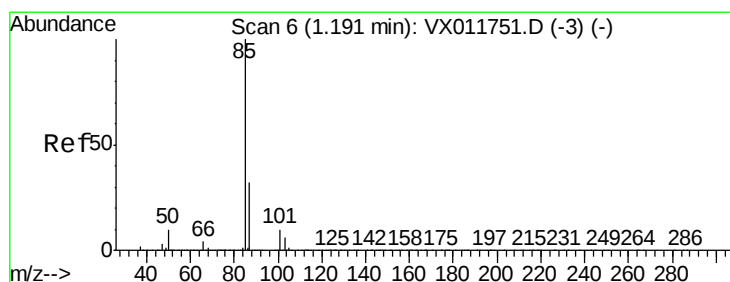
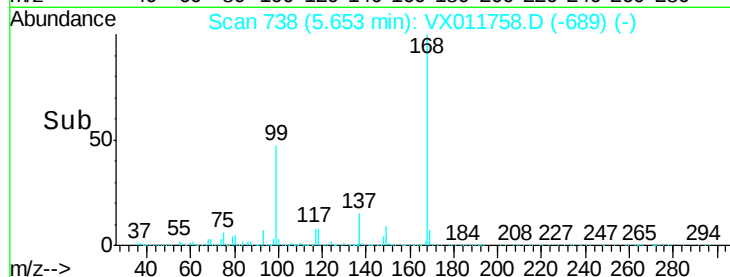
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 23.491 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011758.D

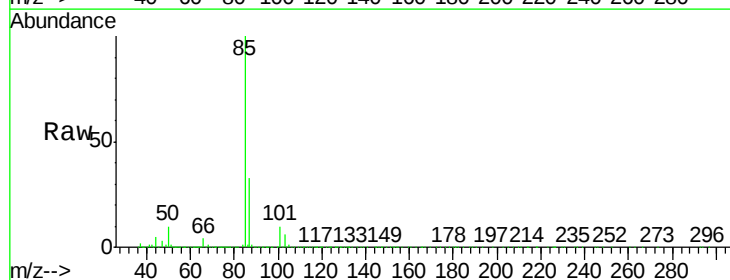
Acq: 22 Aug 2019 13:47

Tgt Ion: 85 Resp: 81343

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

1.19

100000

80000

60000

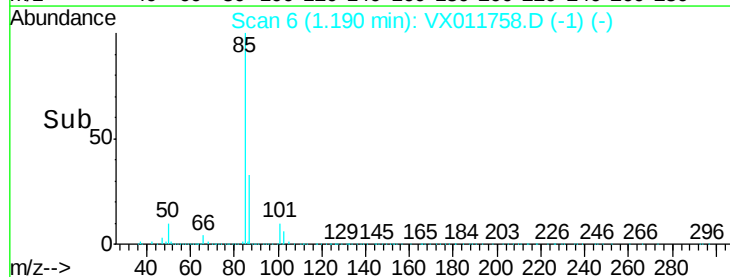
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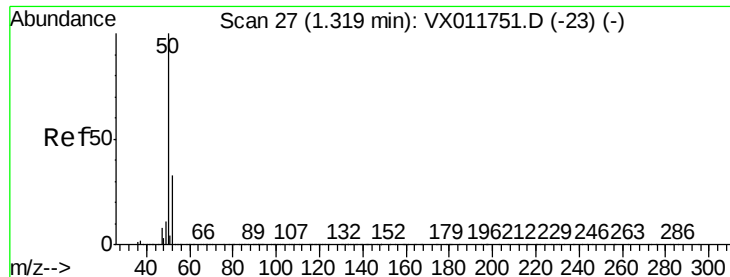
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 22.803 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 50 Resp: 69247

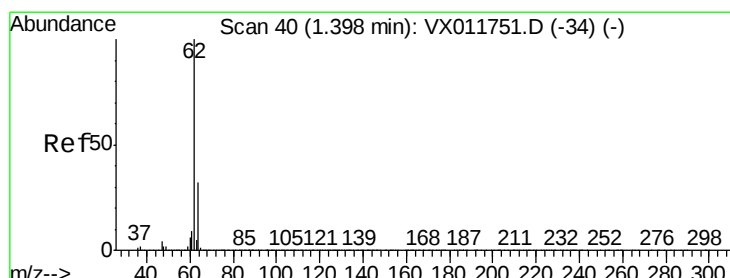
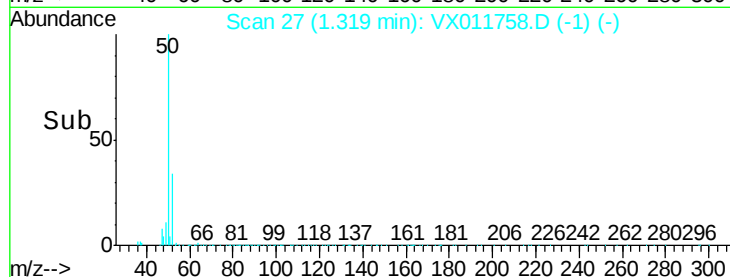
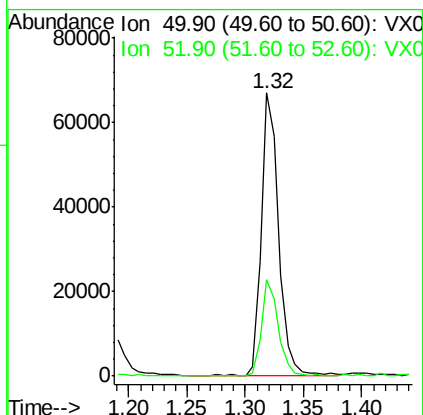
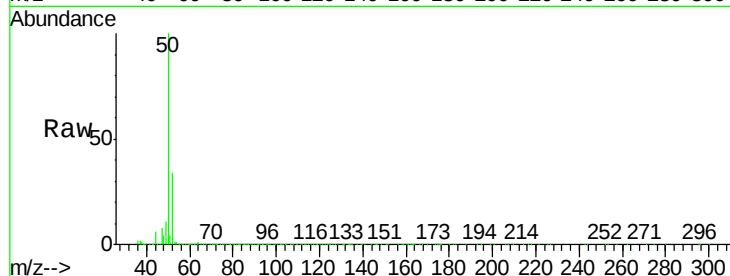
Ion Ratio Lower Upper

50 100

52 34.1 26.6 39.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.917 ug/l

RT: 1.40 min Scan# 40

Delta R.T. -0.00 min

Lab File: VX011758.D

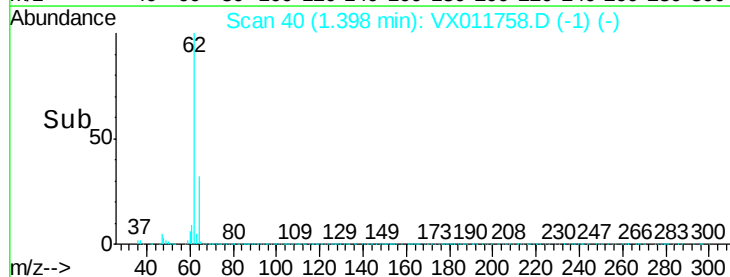
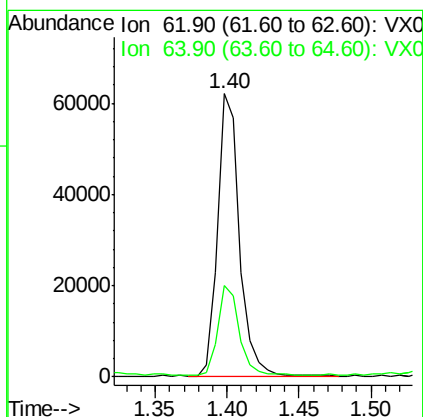
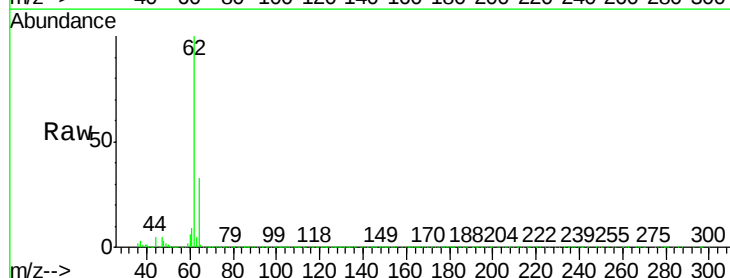
Acq: 22 Aug 2019 13:47

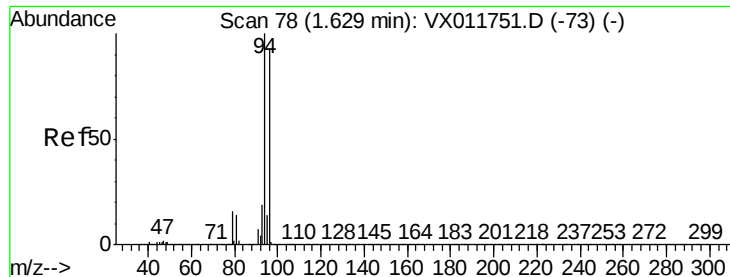
Tgt Ion: 62 Resp: 66535

Ion Ratio Lower Upper

62 100

64 32.0 25.5 38.3





#5

Bromomethane

Concen: 23.422 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 94 Resp: 39170

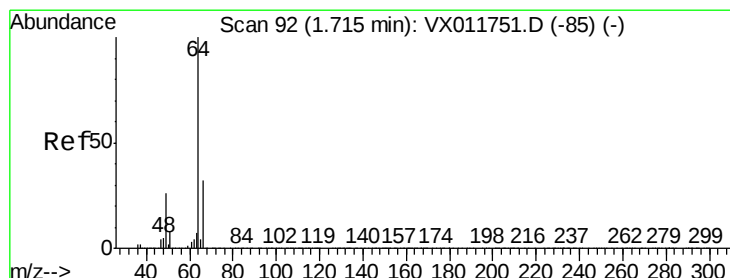
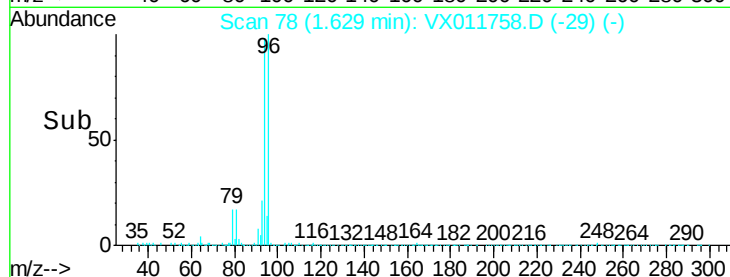
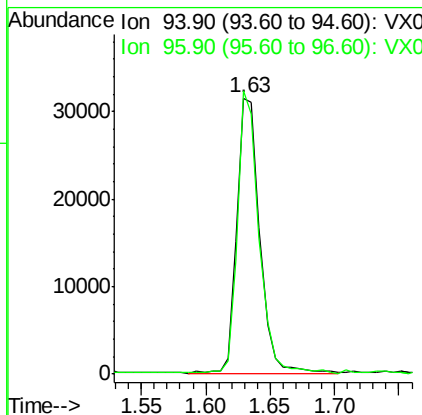
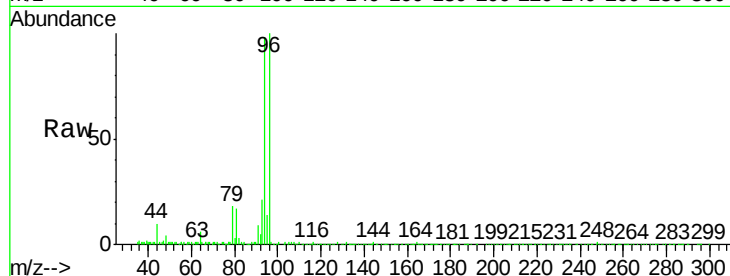
Ion Ratio Lower Upper

94 100

96 102.4 74.1 111.1

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#6

Chloroethane

Concen: 20.370 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011758.D

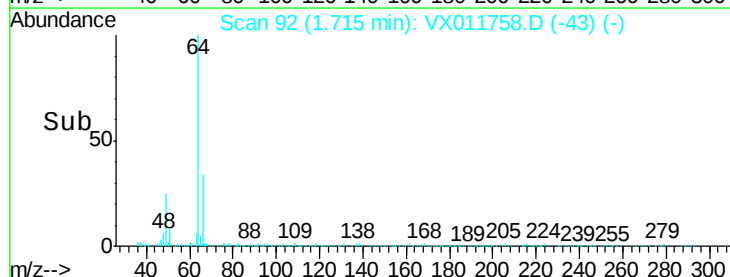
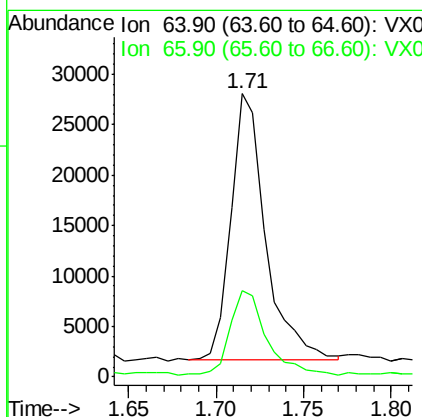
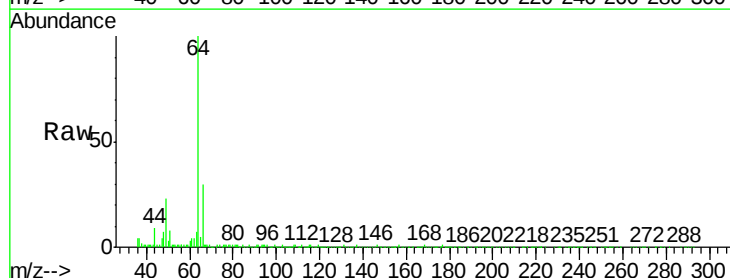
Acq: 22 Aug 2019 13:47

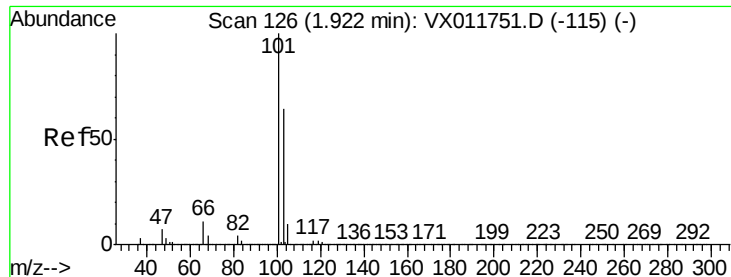
Tgt Ion: 64 Resp: 36155

Ion Ratio Lower Upper

64 100

66 31.7 24.9 37.3





#7

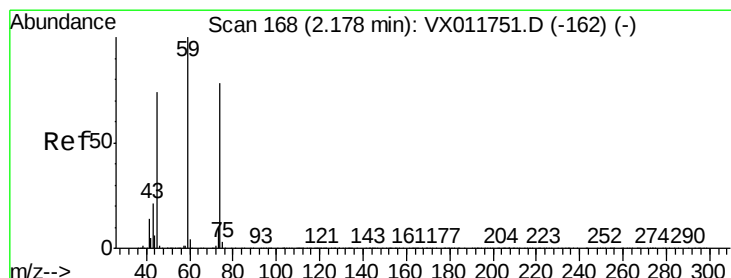
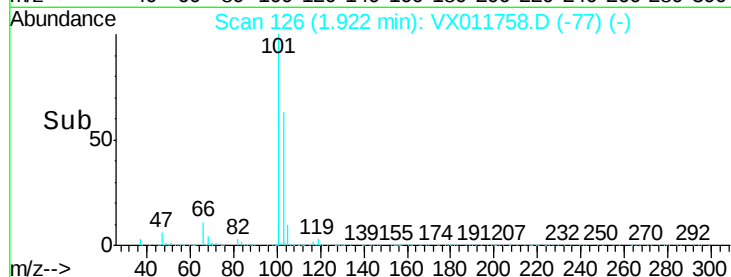
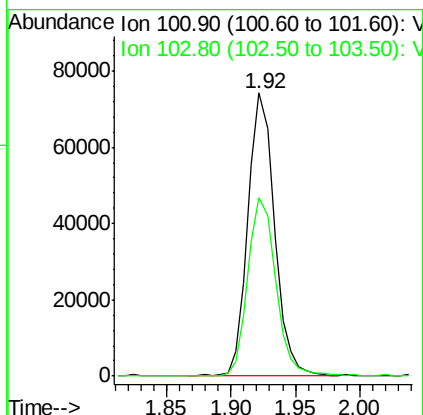
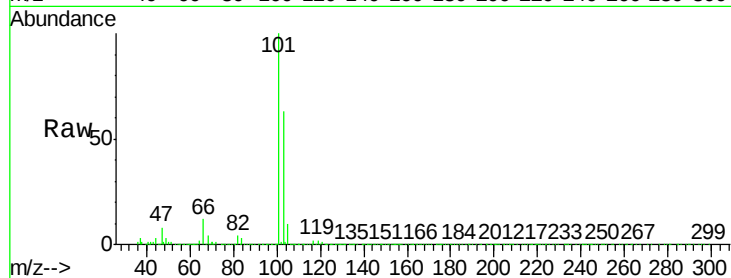
Trichlorofluoromethane
Concen: 21.699 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
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ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	104873		
103	62.8	51.2	76.8	

Manual Integrations
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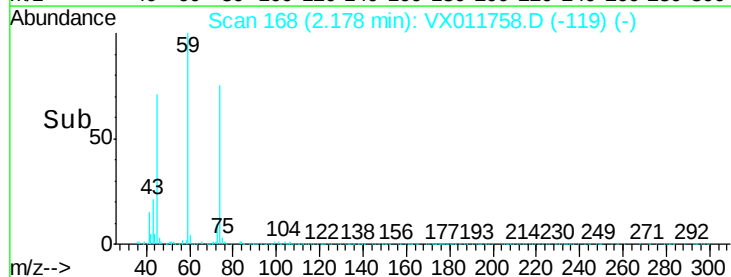
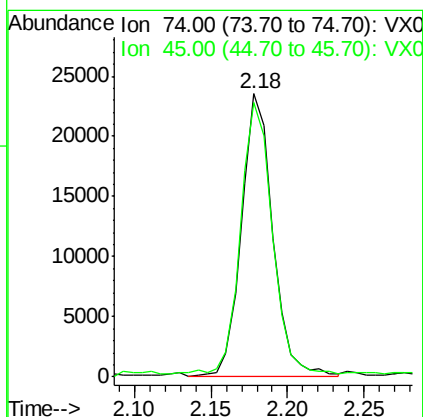
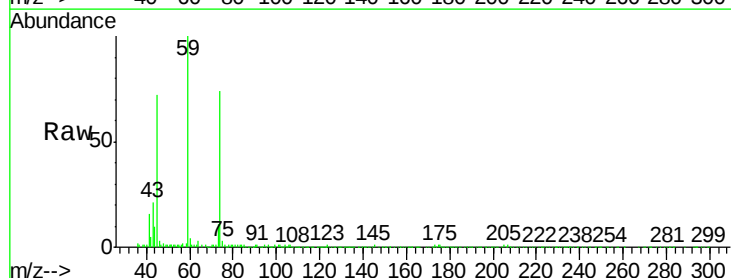
MMDadoda
8/23/2019 8:41:56 AM

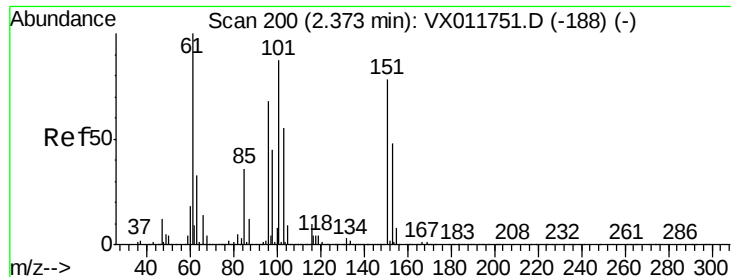


#8

Diethyl Ether
Concen: 20.100 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	33033		
45	99.2	46.7	140.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.284 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

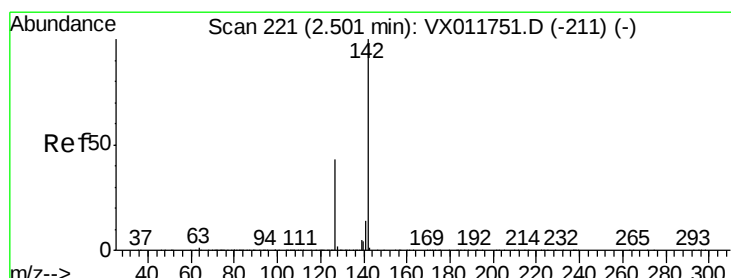
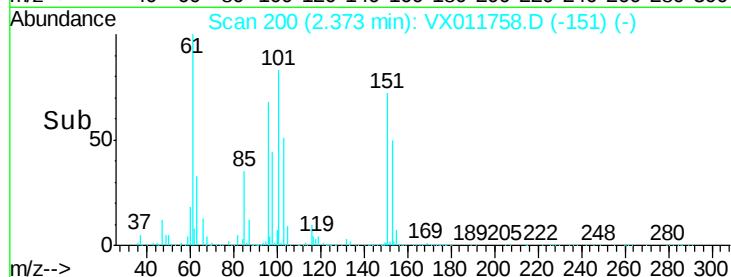
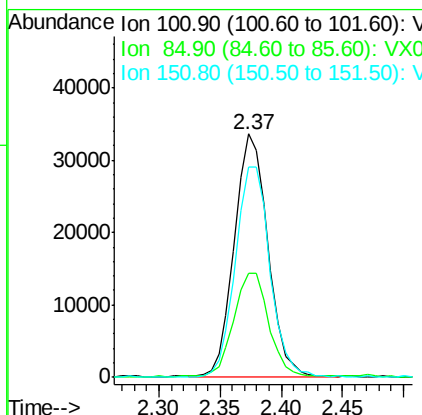
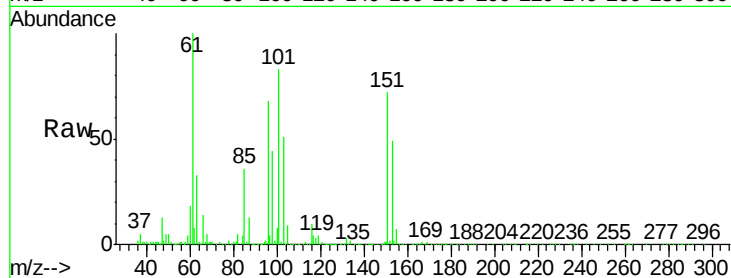
ClientSampleId :

VX0822WBS01

Tot Ion:	101	Resp:	63656
Ion Ratio	Lower	Upper	
101	100		
85	44.1	33.7	50.5
151	90.5	71.4	107.2

Manual Integrations
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#10

Methyl Iodide

Concen: 19.196 ug/l

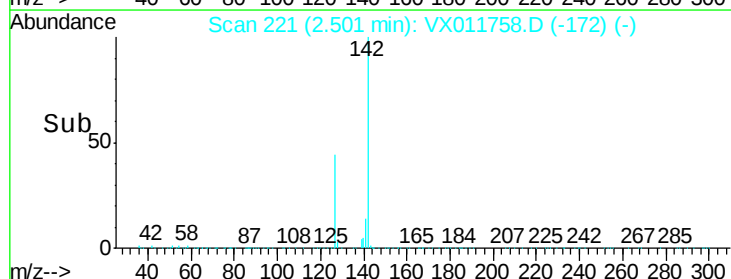
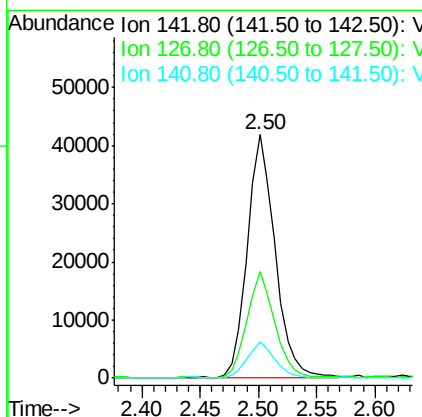
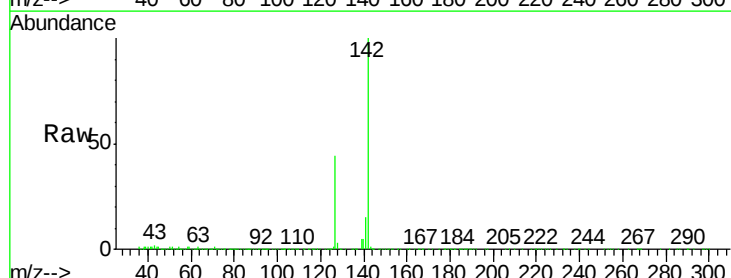
RT: 2.50 min Scan# 221

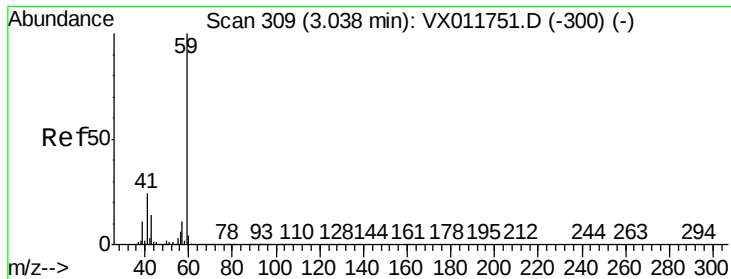
Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tgt Ion:	142	Resp:	70123
Ion Ratio	Lower	Upper	
142	100		
127	44.3	33.5	50.3
141	14.8	11.4	17.2





#11

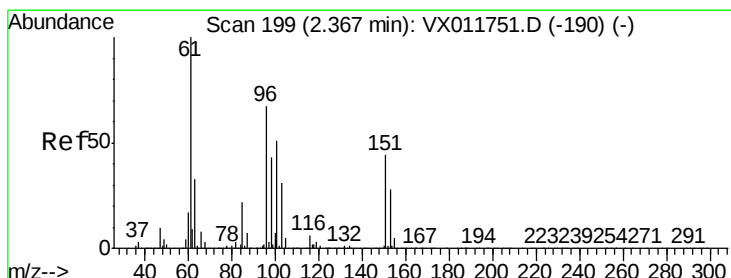
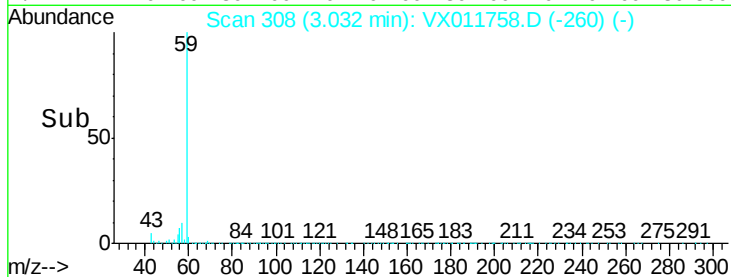
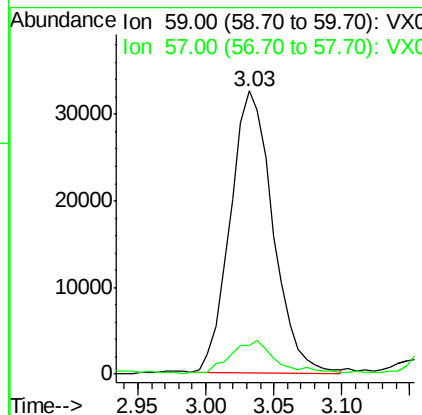
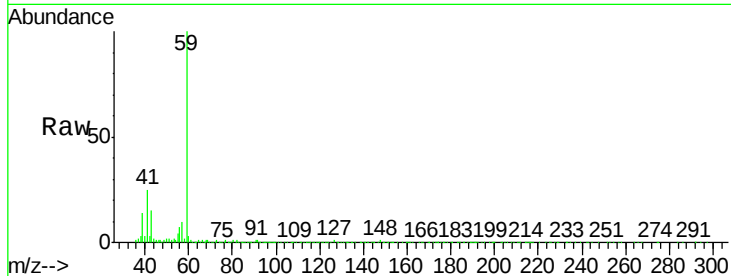
Tert butyl alcohol
 Concen: 96.343 ug/l
 RT: 3.03 min Scan# 308
 Delta R.T. -0.01 min
 Lab File: VX011758.D
 Acq: 22 Aug 2019 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	13.2	8.4	12.6#

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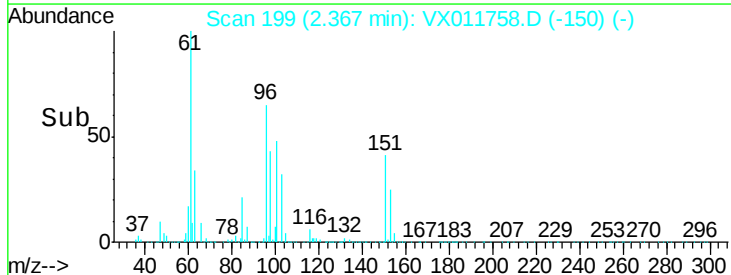
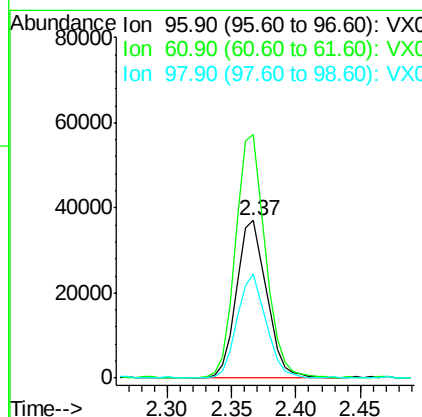
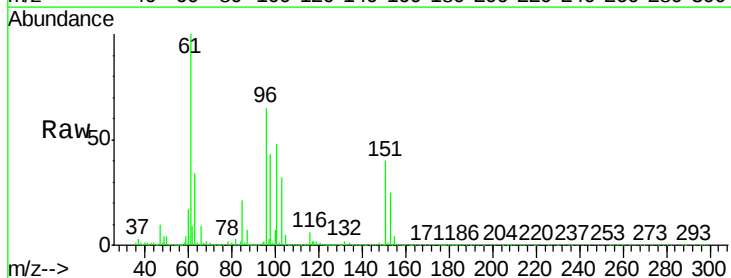
MMDadoda
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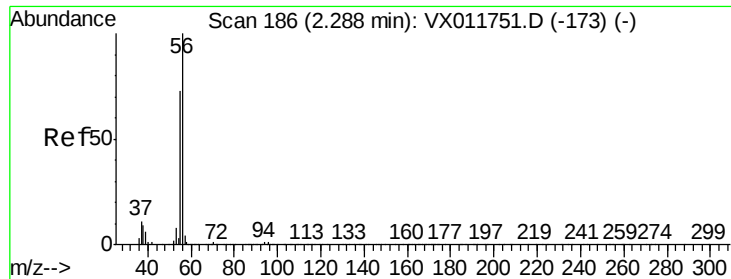


#12

1,1-Dichloroethene
 Concen: 20.525 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX011758.D
 Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	119.4	179.2
98	66.2	51.2	76.8





#13

Acrolein

Concen: 118.965 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 56 Resp: 33870

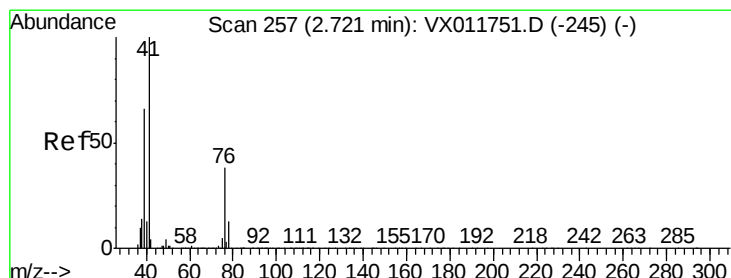
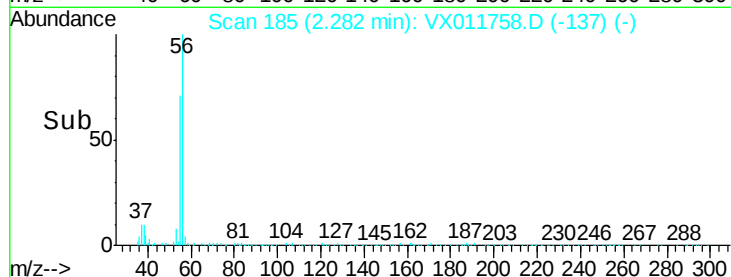
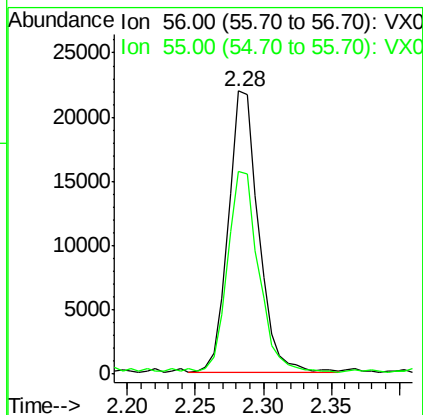
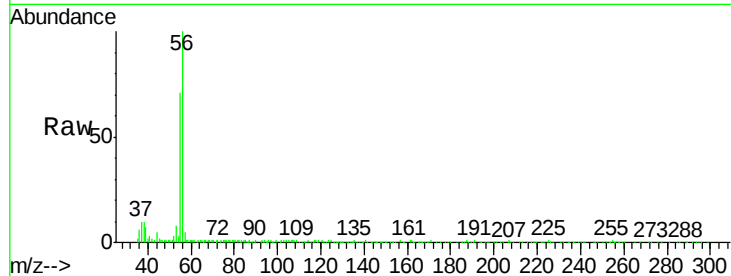
Ion Ratio Lower Upper

56 100

55 72.6 54.8 82.2

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#14

Allyl chloride

Concen: 20.322 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

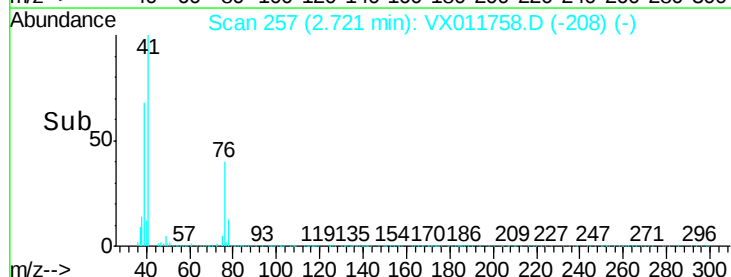
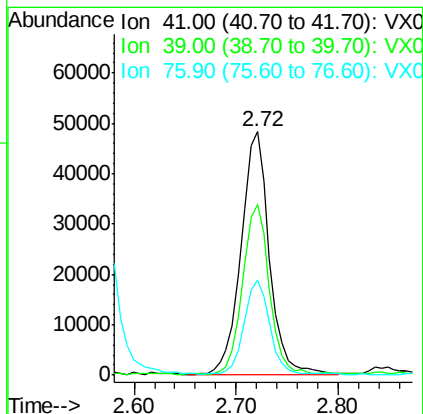
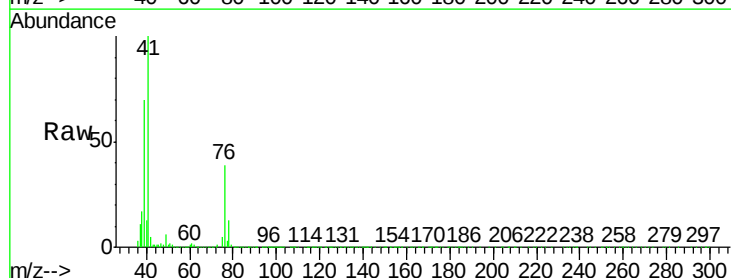
Tgt Ion: 41 Resp: 92629

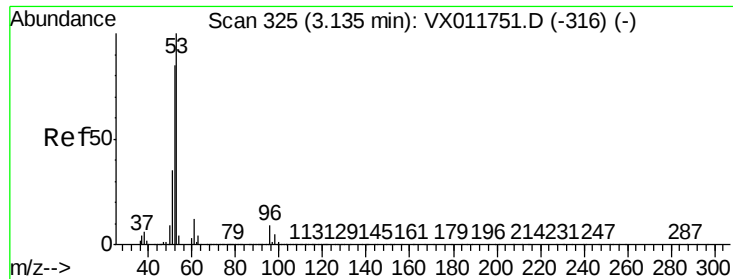
Ion Ratio Lower Upper

41 100

39 65.9 49.3 73.9

76 35.5 26.8 40.2





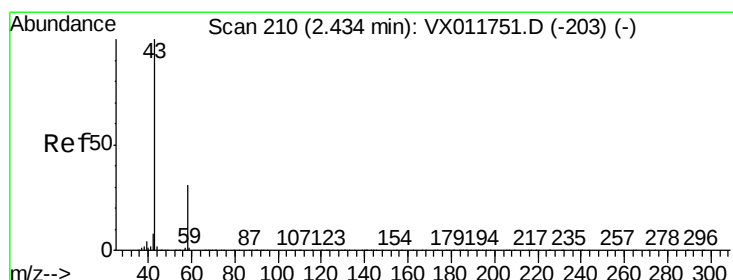
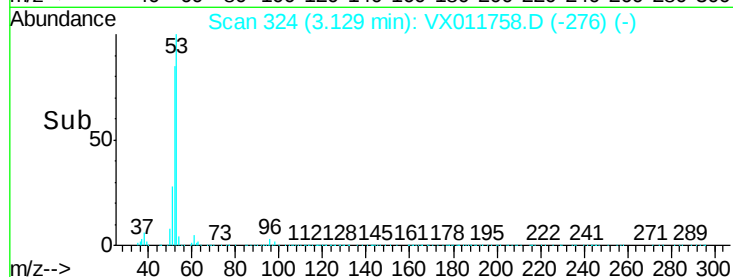
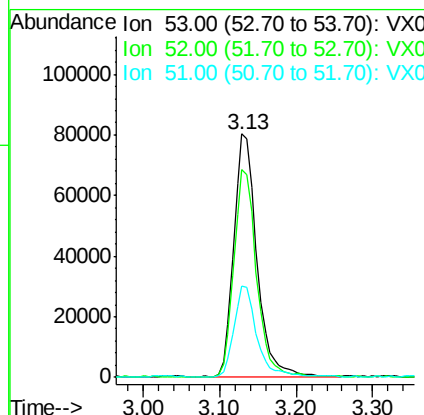
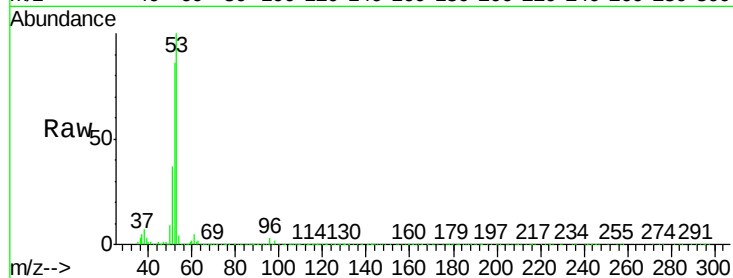
#15
 Acrylonitrile
 Concen: 99.879 ug/l
 RT: 3.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VX011758.D
 Acq: 22 Aug 2019 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		168259		
52	83.4	65.7	98.5		
51	37.7	28.6	43.0		

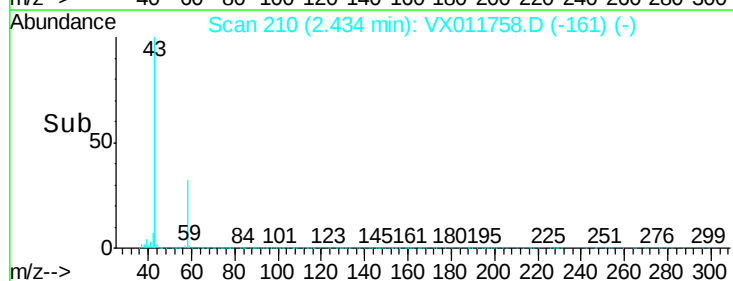
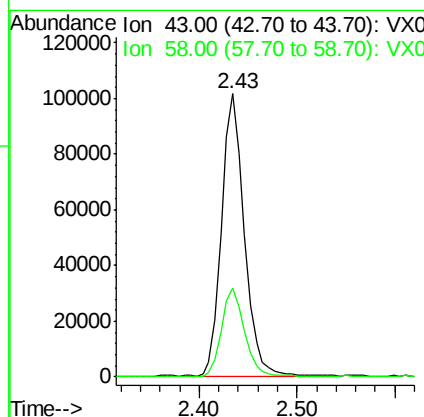
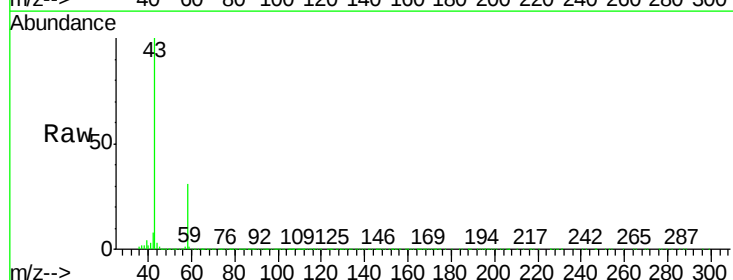
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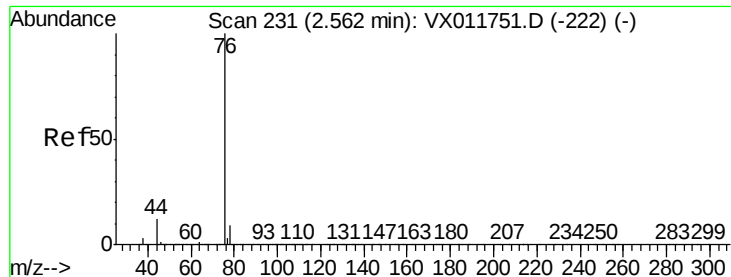
MMDadoda
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#16
 Acetone
 Concen: 100.966 ug/l
 RT: 2.43 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX011758.D
 Acq: 22 Aug 2019 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		163704		
58	31.3	24.4	36.6		





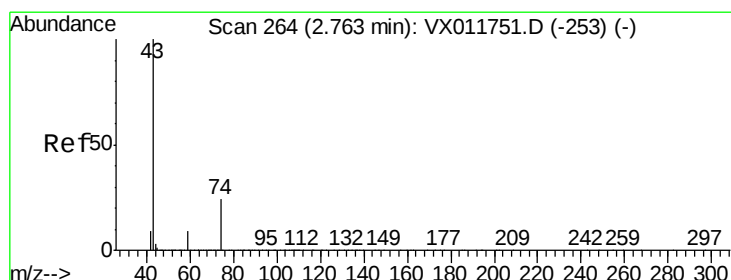
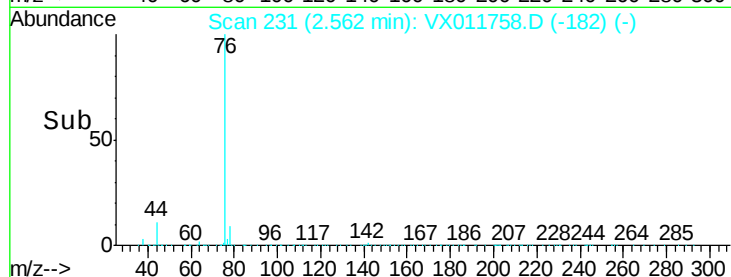
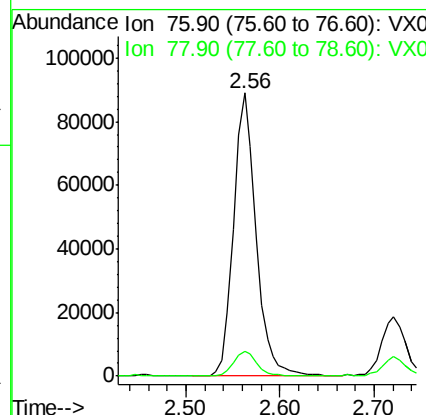
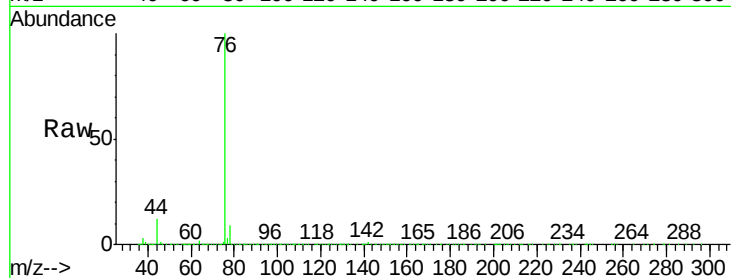
#17
Carbon Disulfide
Concen: 19.964 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

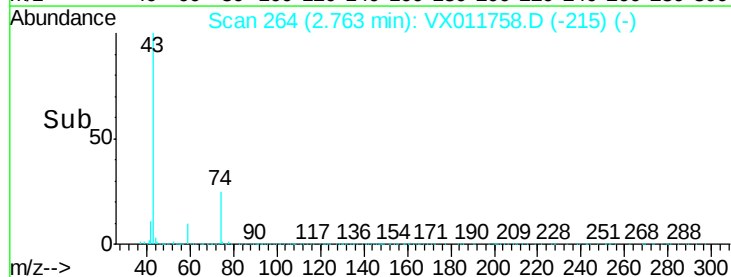
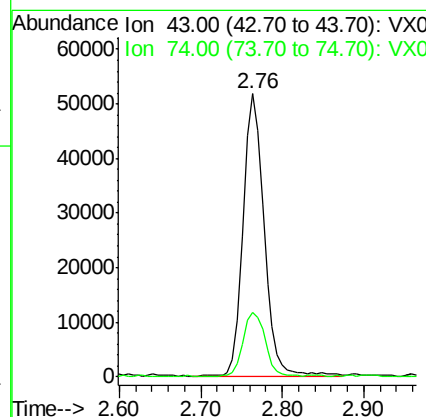
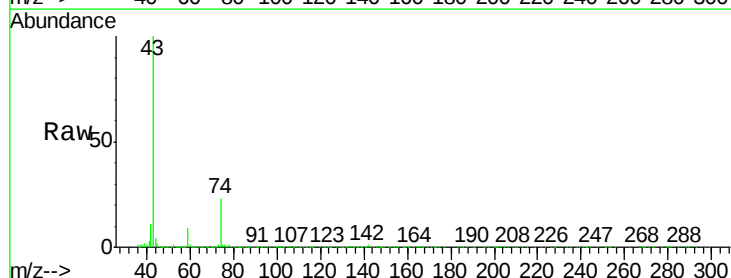
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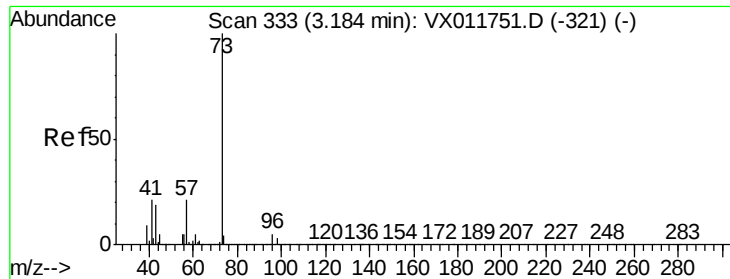
MMDadoda
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#18
Methyl Acetate
Concen: 21.239 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.5	29.3





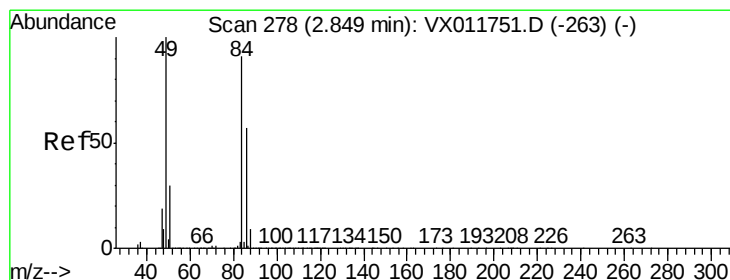
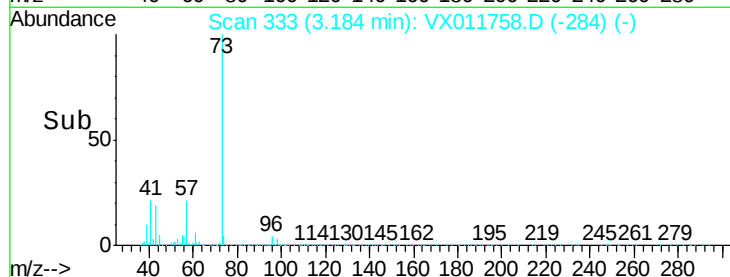
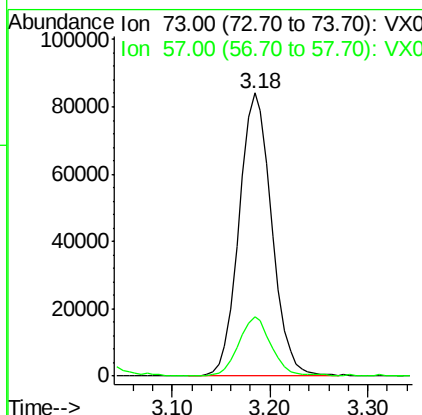
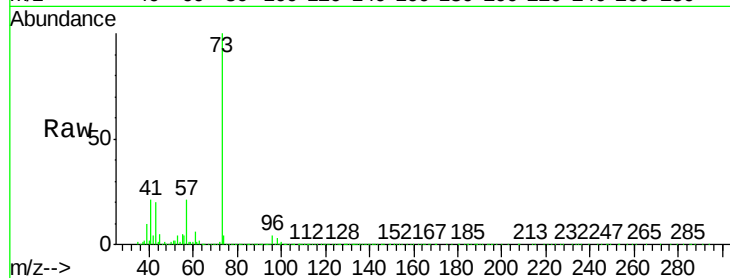
#19
Methvl tert-butvl Ether
Concen: 20.829 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.4	24.6

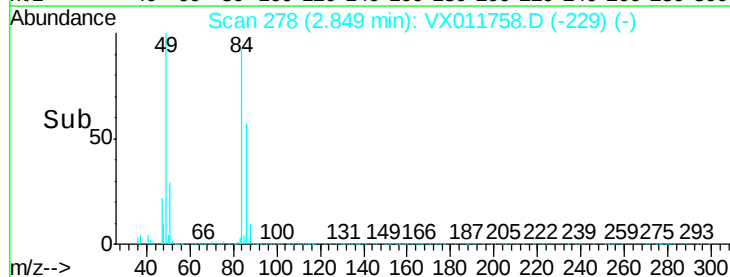
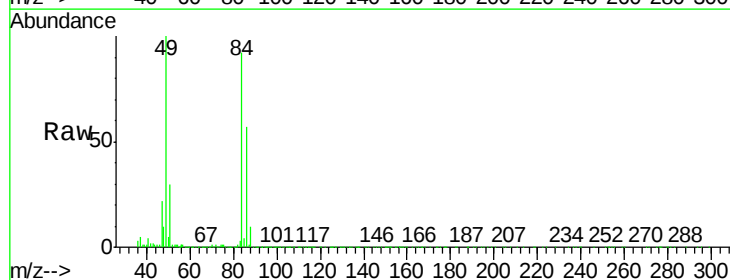
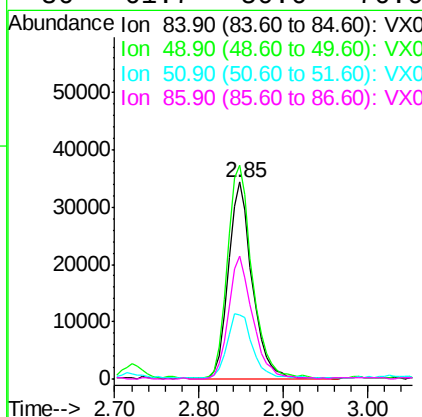
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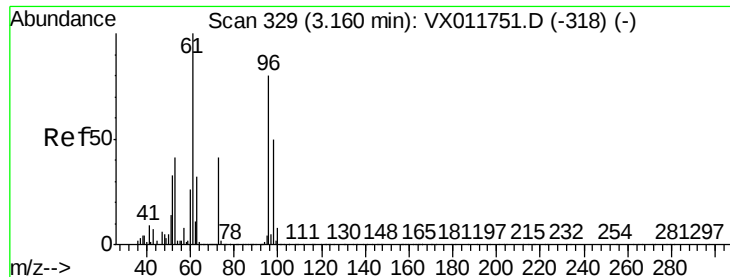
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#20
Methylene Chloride
Concen: 19.787 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.1	88.3	132.5
51	31.9	26.2	39.2
86	61.7	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 20.279 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

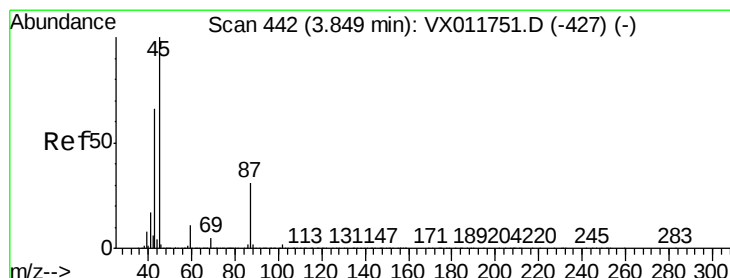
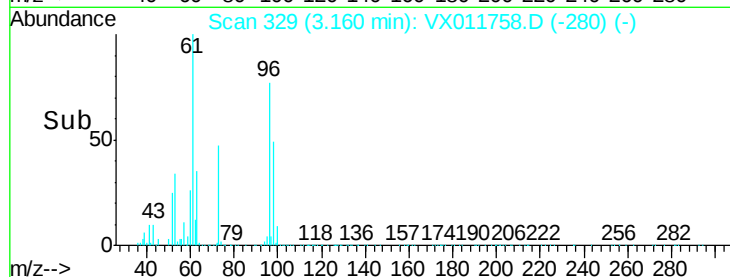
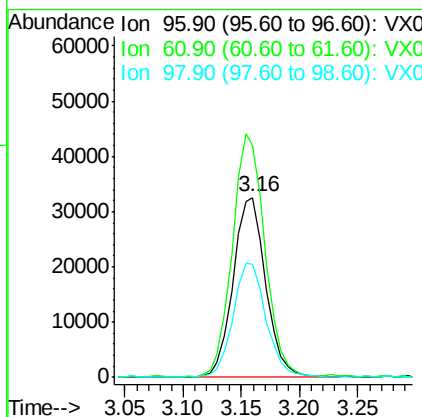
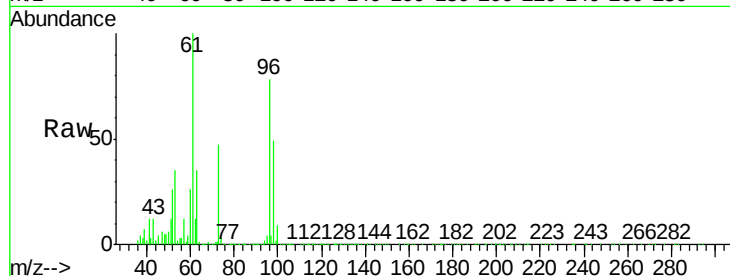
ClientSampleId :

VX0822WBS01

Tot Ion:	96	Resp:	63787
Ion	Ratio	Lower	Upper
96	100		
61	128.6	99.8	149.8
98	62.7	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.799 ug/l

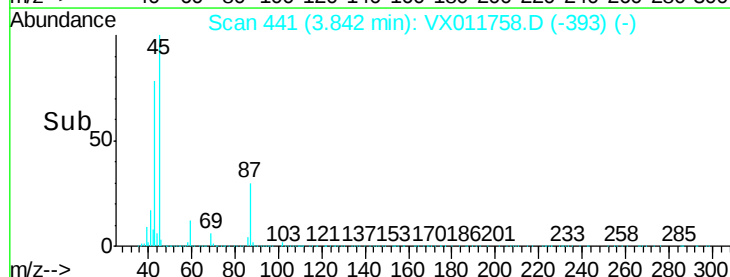
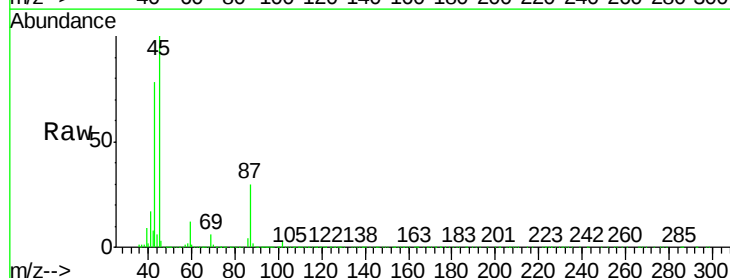
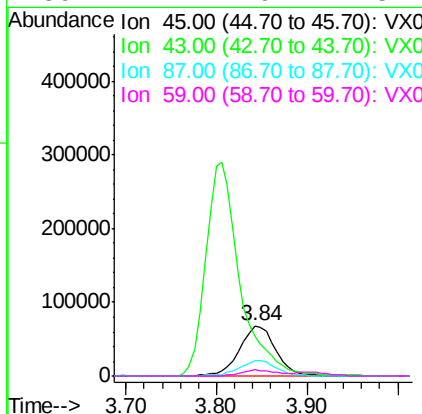
RT: 3.84 min Scan# 441

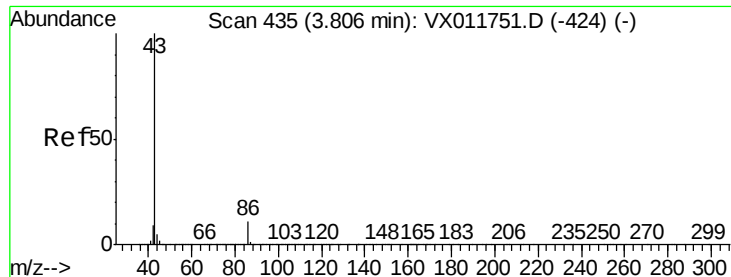
Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tgt Ion:	45	Resp:	183835
Ion	Ratio	Lower	Upper
45	100		
43	76.9	53.0	79.6
87	30.1	24.7	37.1
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 104.429 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tot Ion: 43 Resp: 764220

Ion Ratio Lower Upper

43 100

86 11.5 9.2 13.8

Instrument :

MSVOA_X

ClientSampleId :

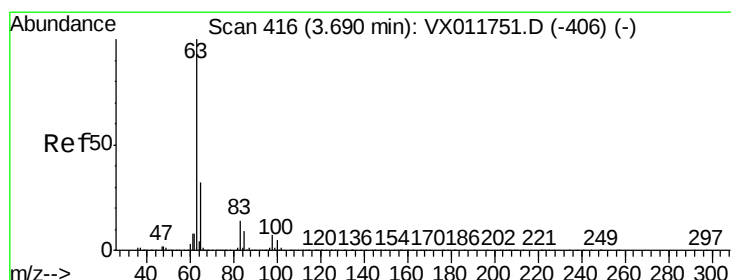
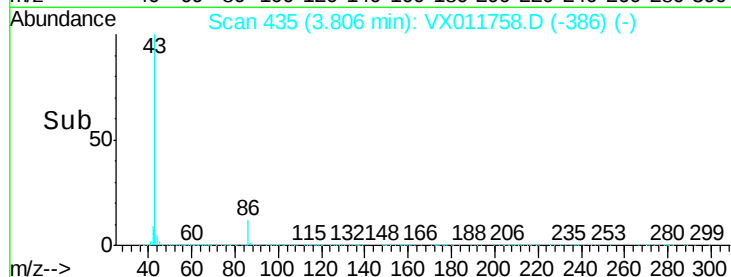
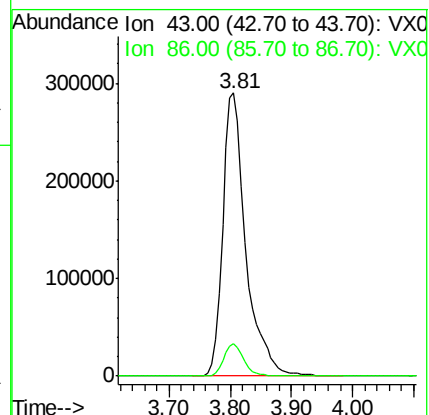
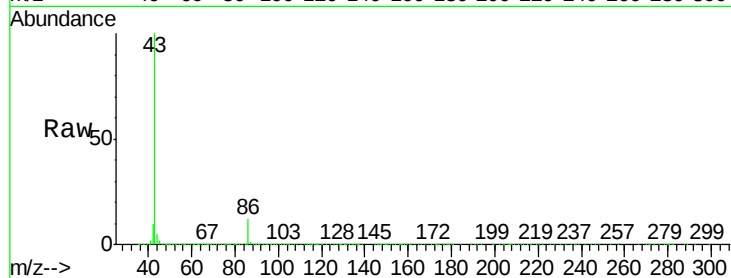
VX0822WBS01

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#24

1,1-Dichloroethane

Concen: 20.521 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

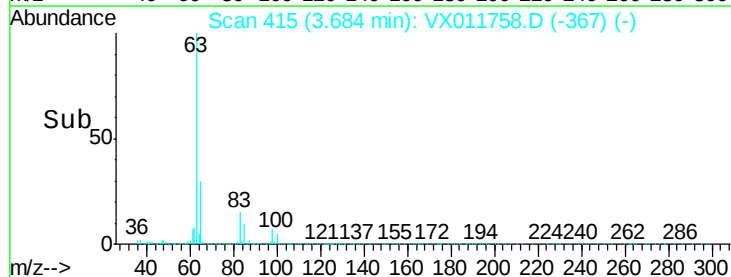
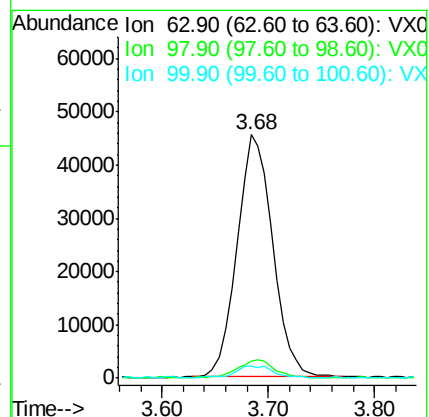
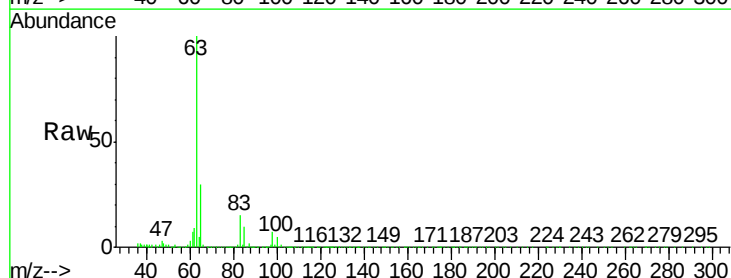
Tgt Ion: 63 Resp: 107092

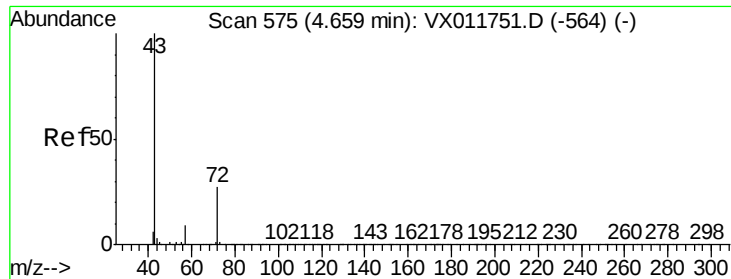
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 102.388 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 43 Resp: 238284

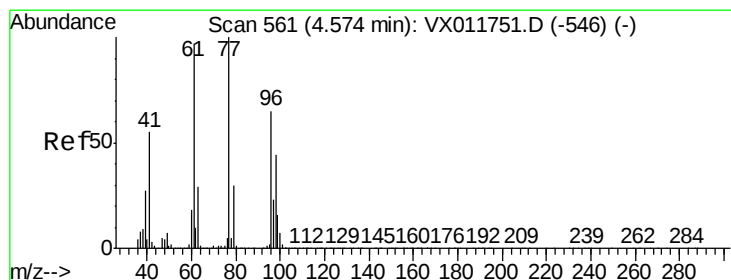
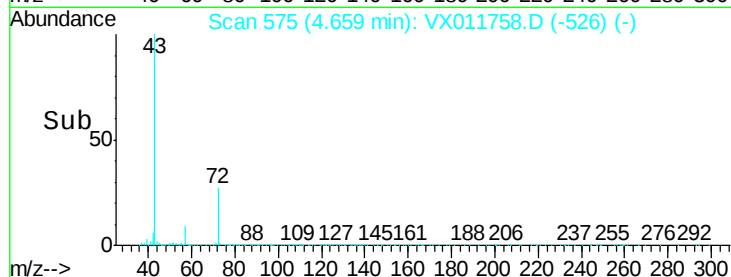
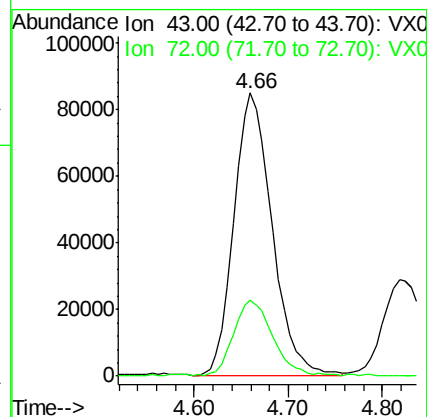
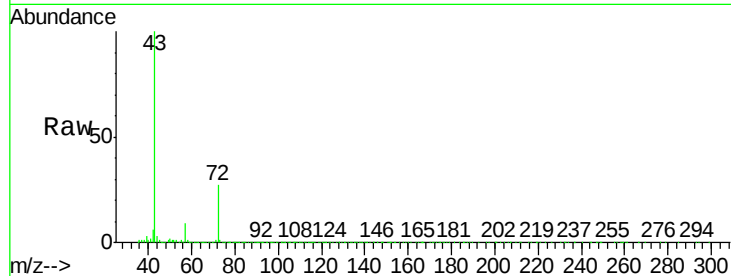
Ion Ratio Lower Upper

43 100

72 26.8 21.8 32.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.618 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011758.D

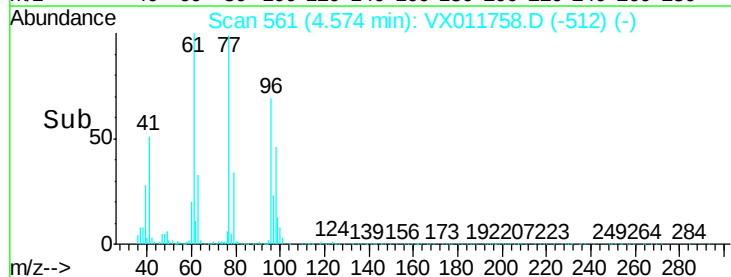
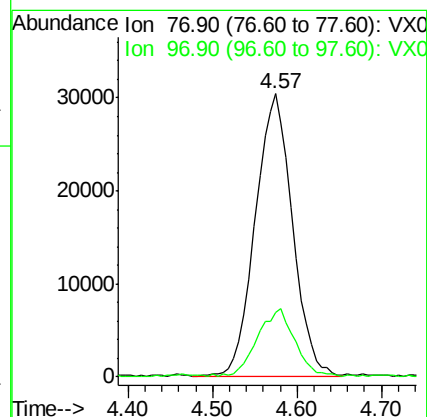
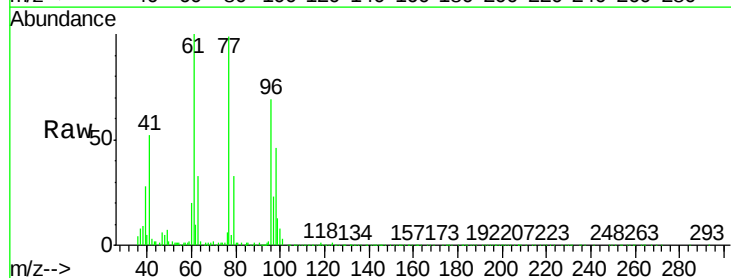
Acq: 22 Aug 2019 13:47

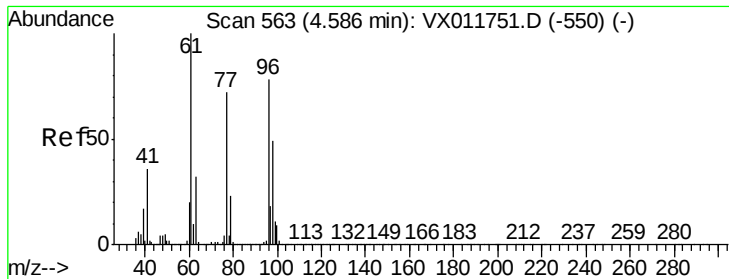
Tgt Ion: 77 Resp: 91373

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.6





#27

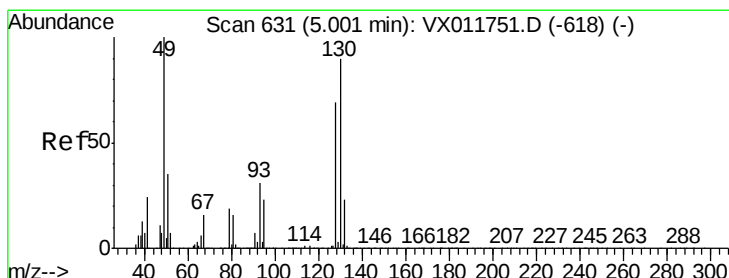
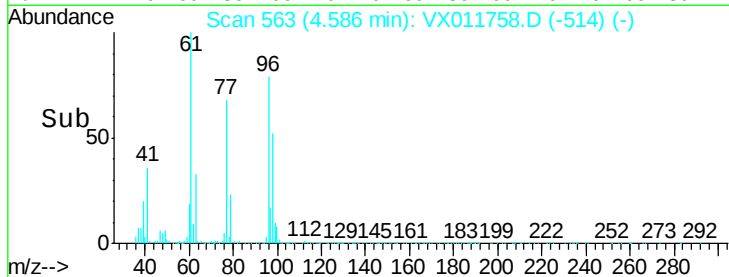
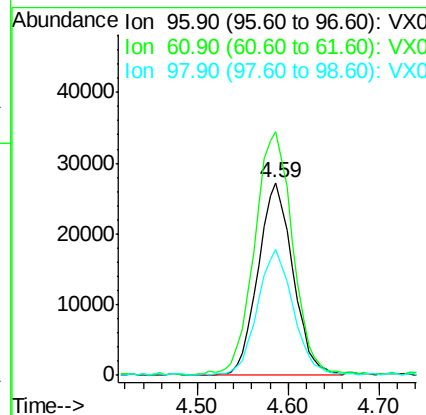
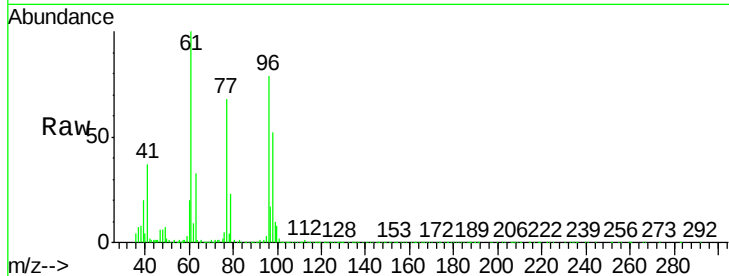
cis-1,2-Dichloroethene
Concen: 20.051 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.5	0.0	275.8
98	66.4	0.0	128.2

Manual Integrations
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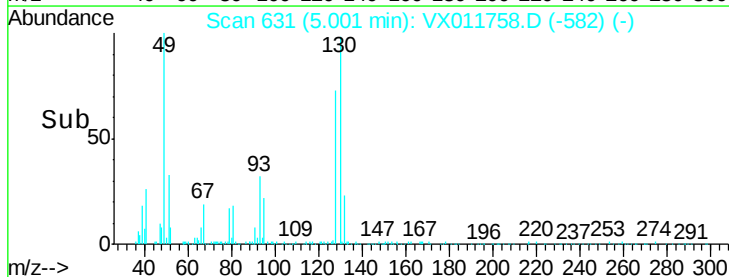
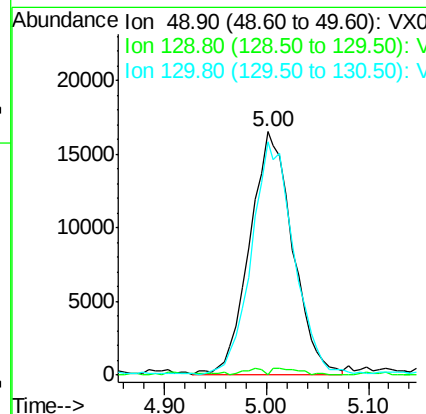
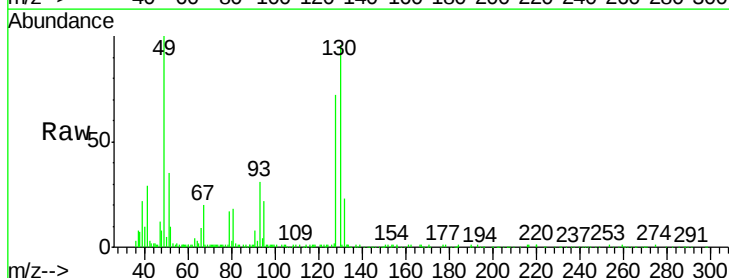
MMDadoda
8/23/2019 8:41:56 AM

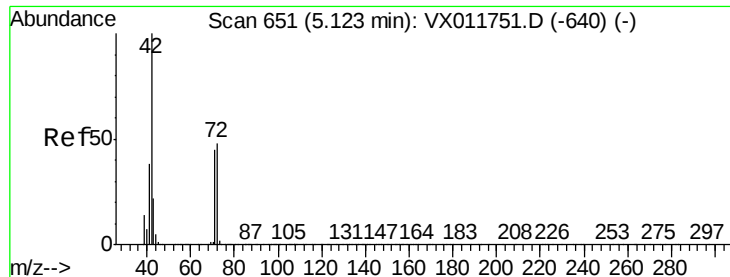


#28

Bromochloromethane
Concen: 20.518 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.8
130	94.6	76.8	115.2





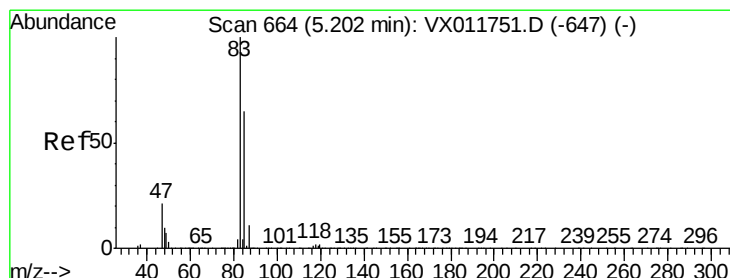
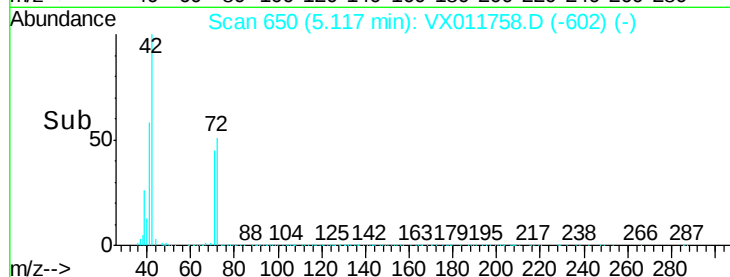
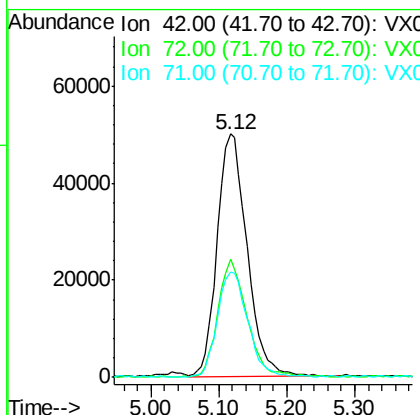
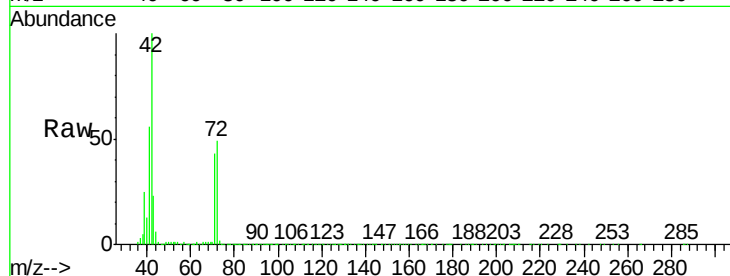
#29
Tetrahydrofuran
Concen: 101.642 ug/l
RT: 5.12 min Scan# 650
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.6	56.4
71	45.1	34.6	51.8

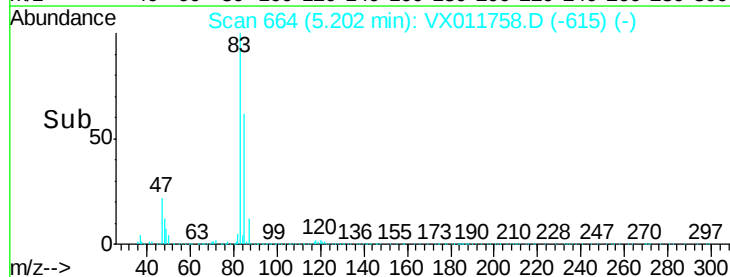
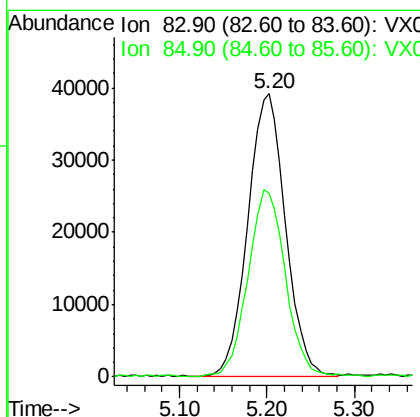
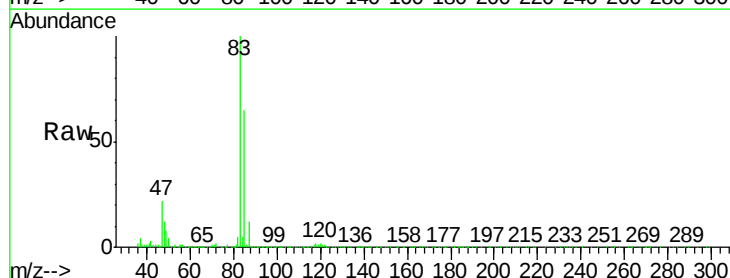
Manual Integrations
APPROVED

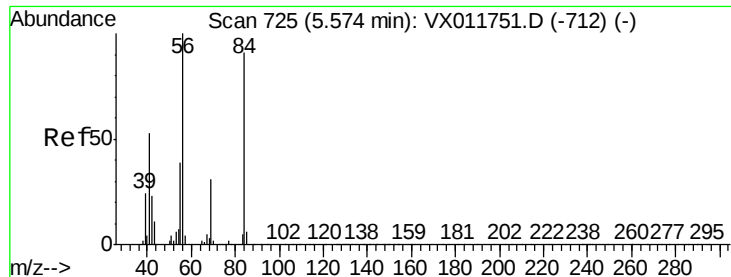
MMDadoda
8/23/2019 8:41:56 AM



#30
Chloroform
Concen: 20.656 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8





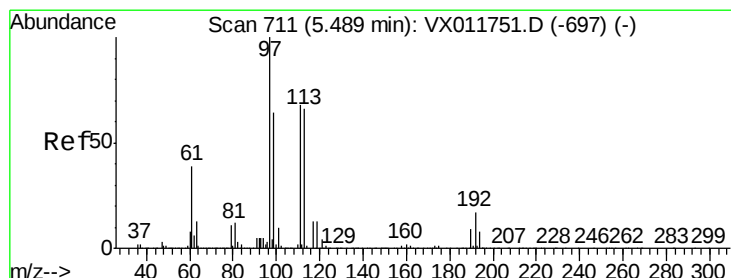
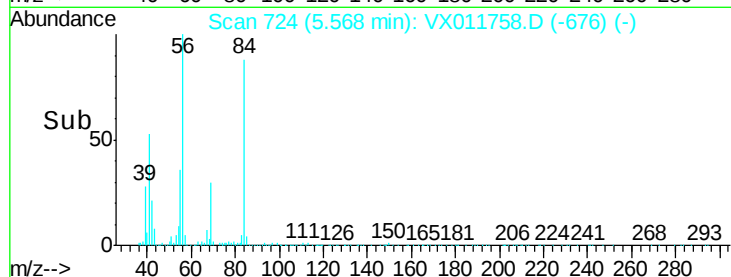
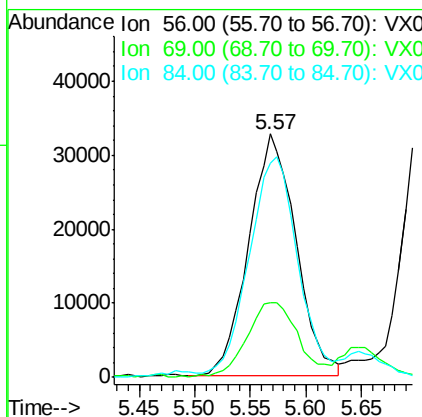
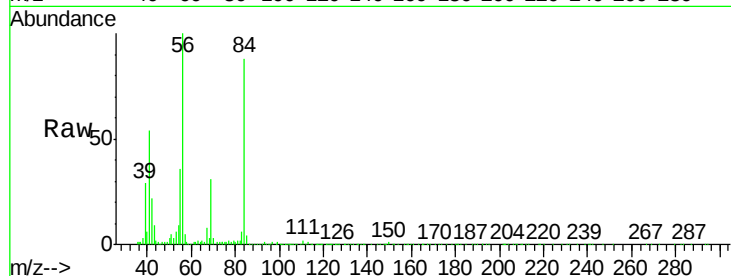
#31
Cyclohexane
Concen: 21.040 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.5	36.7
84	86.1	72.7	109.1

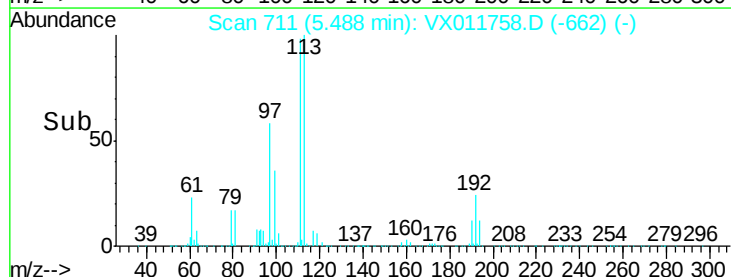
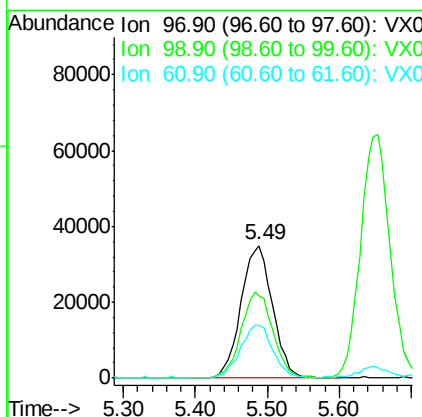
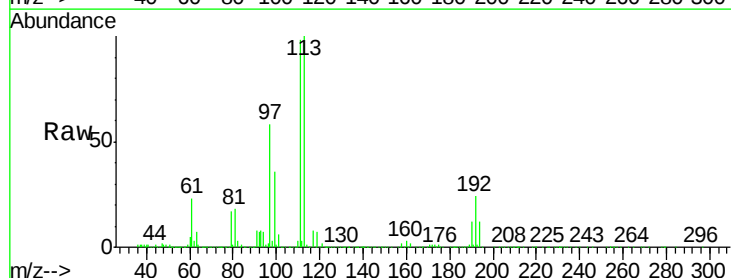
Manual Integrations
APPROVED

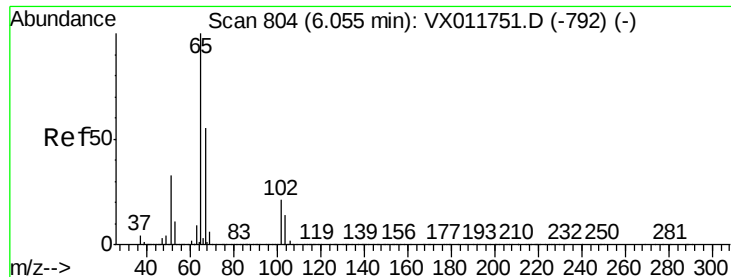
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 21.483 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	40.3	31.6	47.4





#33

1,2-Dichloroethane-d4

Concen: 52.413 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 65 Resp: 195357

Ion Ratio Lower Upper

65 100

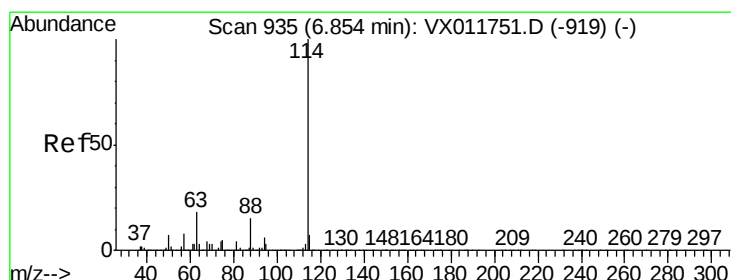
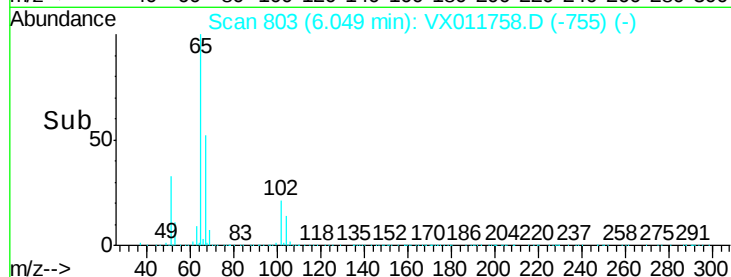
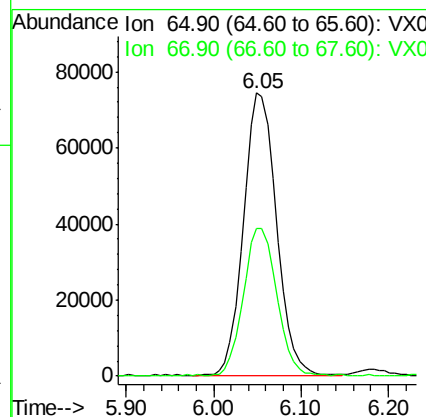
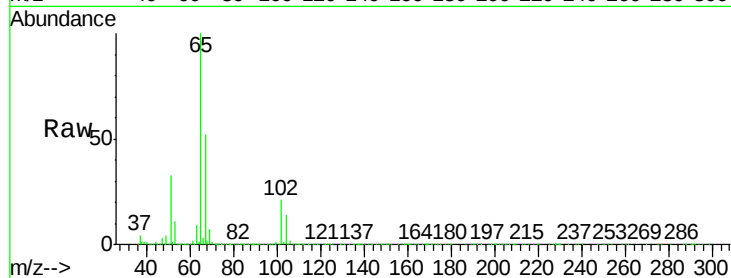
67 52.5 0.0 107.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

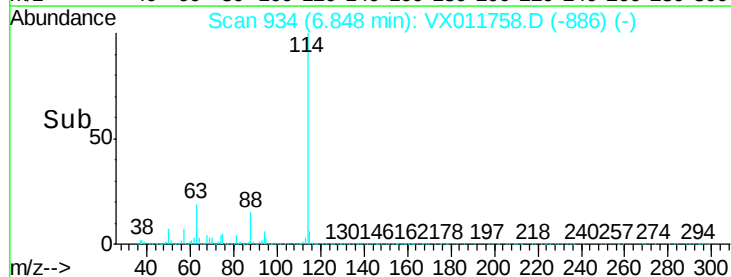
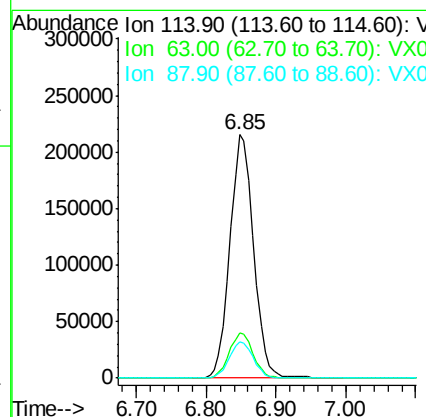
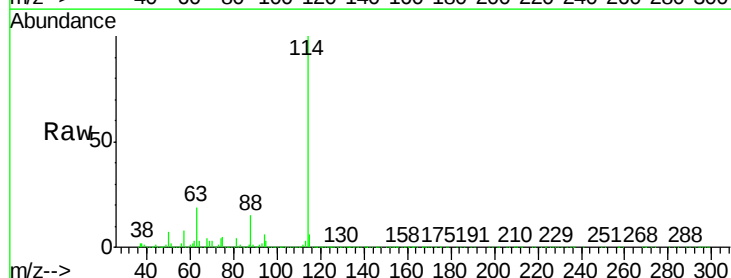
Tgt Ion: 114 Resp: 508284

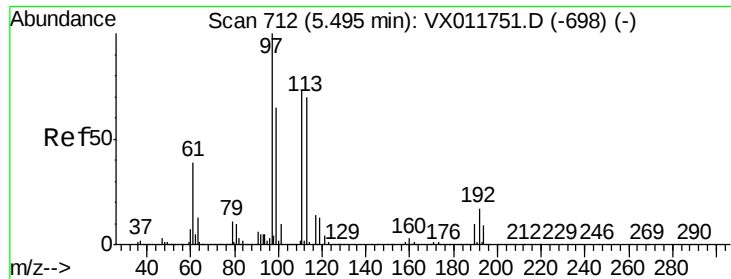
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 14.9 0.0 30.2





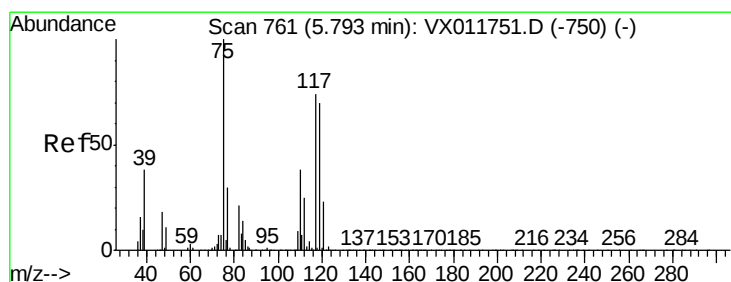
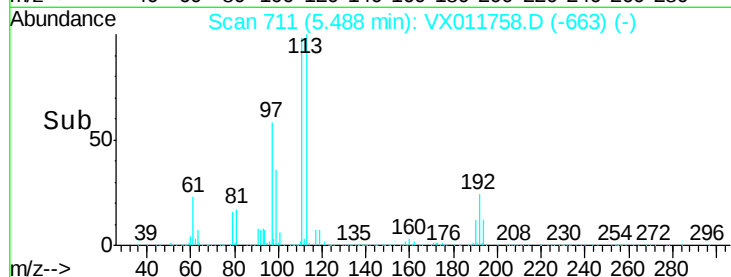
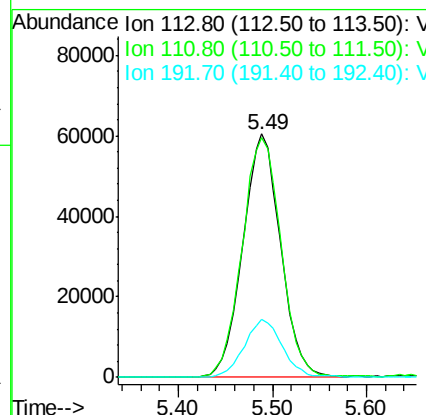
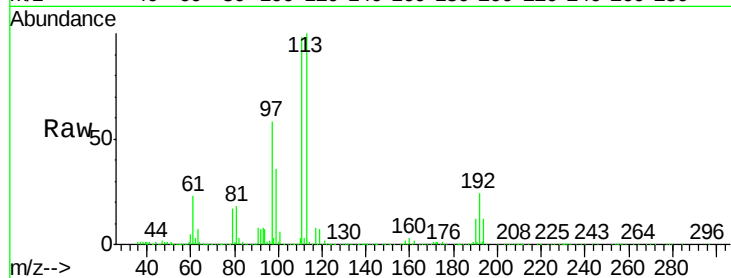
#35
Dibromofluoromethane
Concen: 51.040 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	167757		
111	101.7	81.0	121.4	
192	24.5	19.9	29.9	

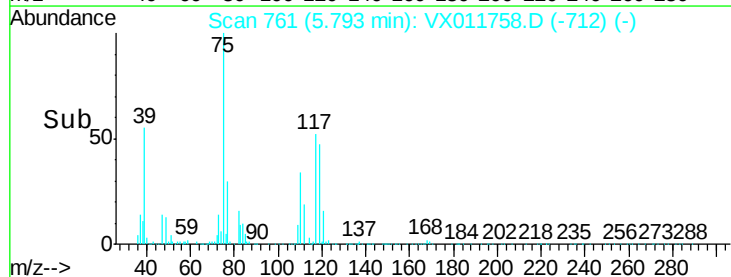
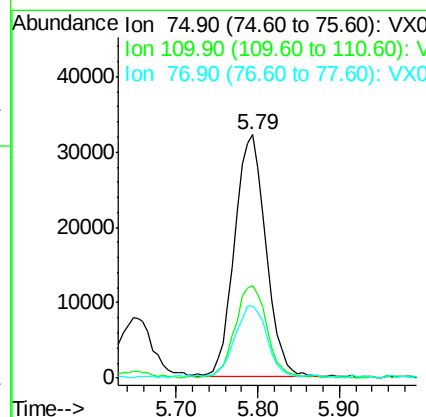
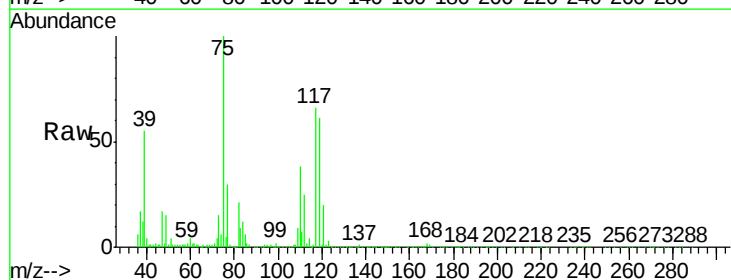
Manual Integrations
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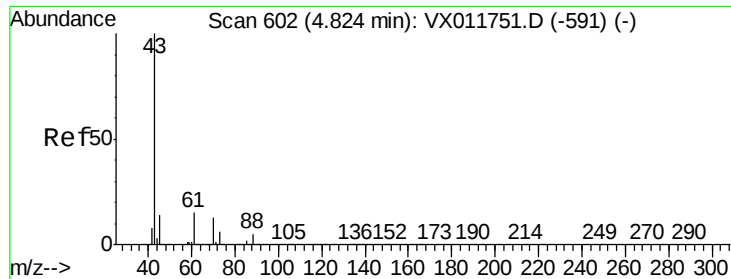
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#36
1,1-Dichloropropene
Concen: 21.314 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84954		
110	38.9	19.0	57.0	
77	30.7	24.6	36.8	





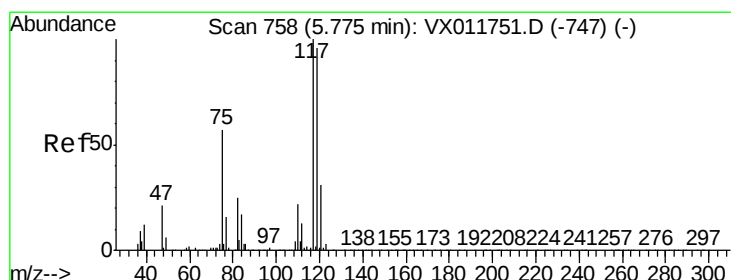
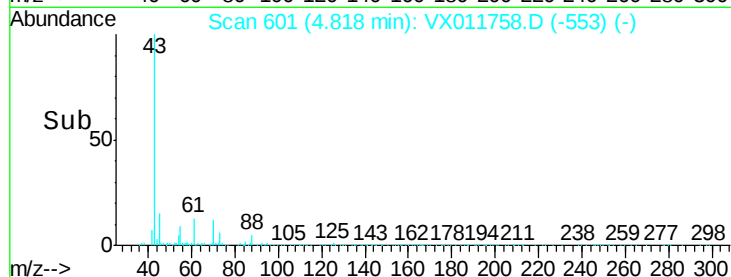
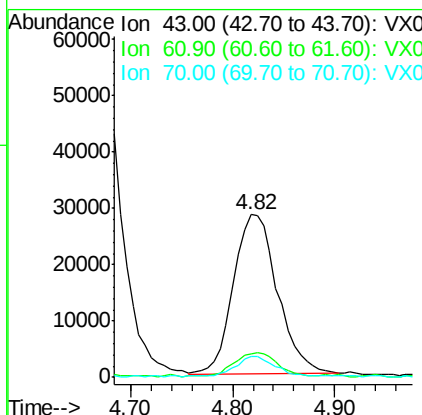
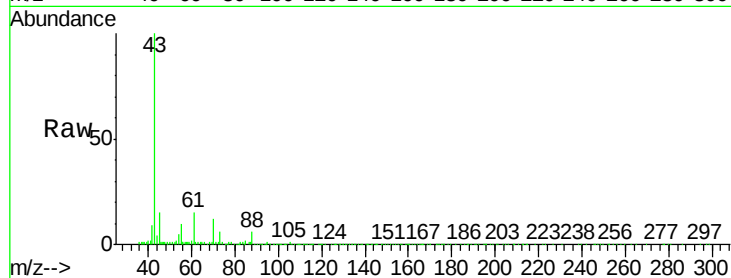
#37
Ethyl Acetate
Concen: 20.154 ug/l
RT: 4.82 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion:	43	Resp:	85011
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.5	17.3
70	12.7	9.5	14.3

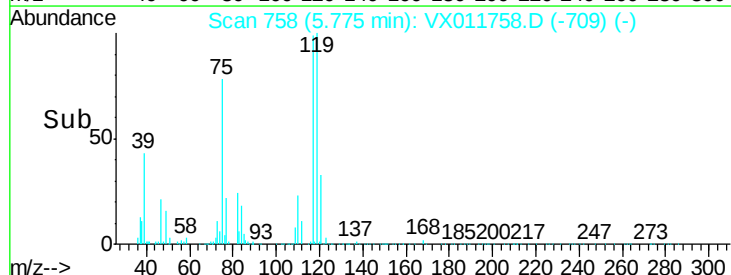
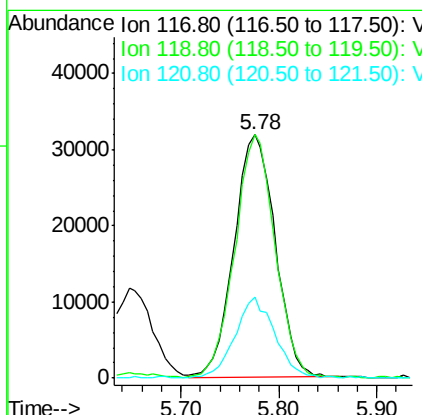
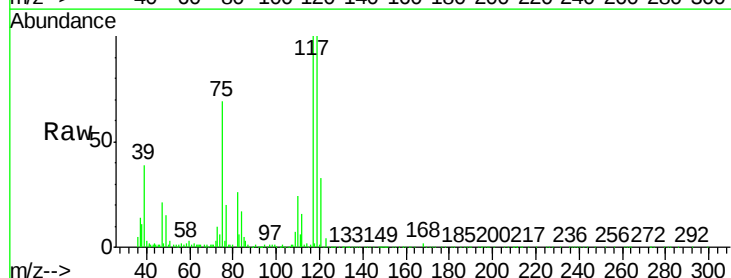
Manual Integrations
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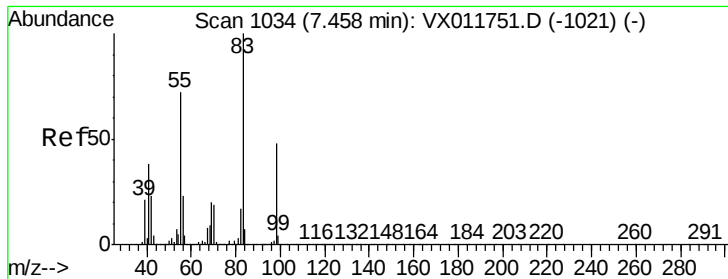
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#38
Carbon Tetrachloride
Concen: 20.624 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion:	117	Resp:	93164
Ion Ratio	Lower	Upper	
117	100		
119	100.1	76.6	114.8
121	33.3	25.2	37.8





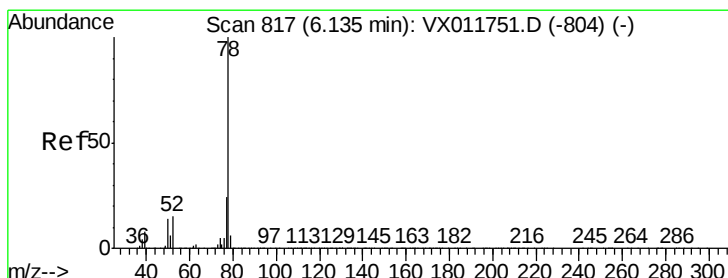
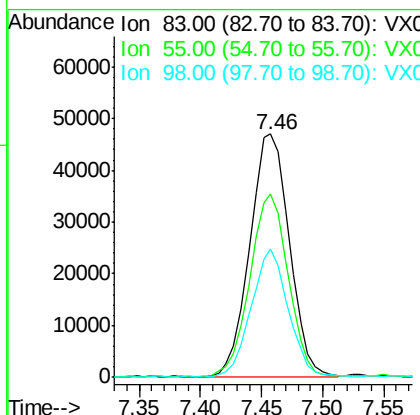
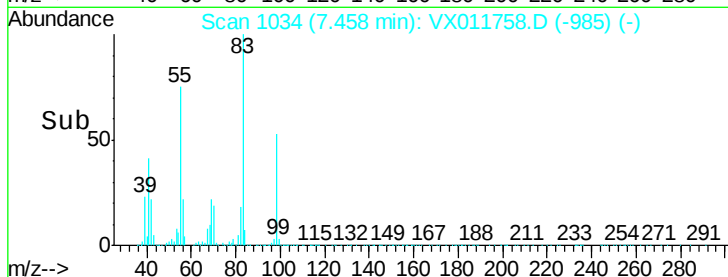
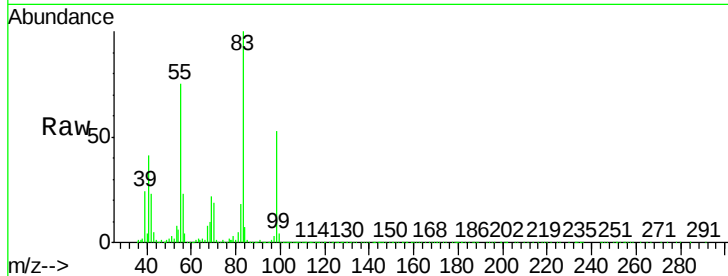
#39
Methvlcvclohexane
Concen: 21.246 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	57.8	86.6
98	52.1	38.6	58.0

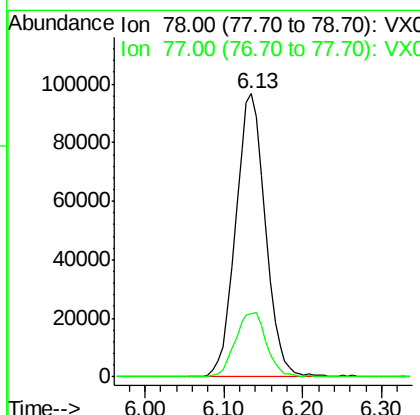
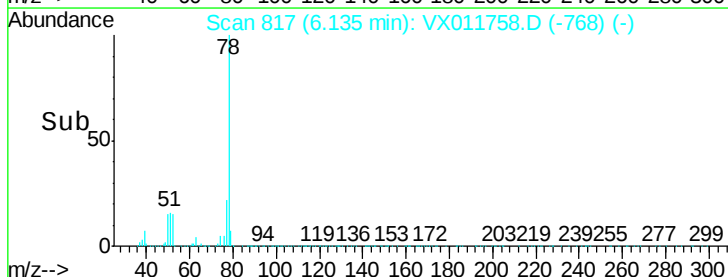
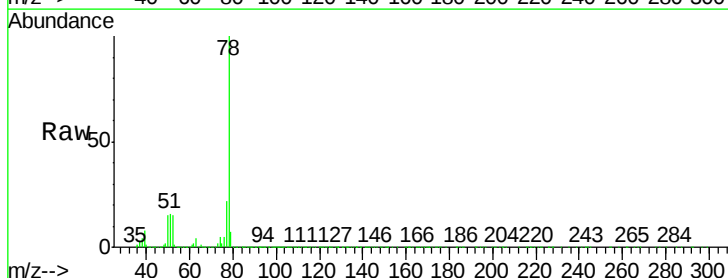
Manual Integrations
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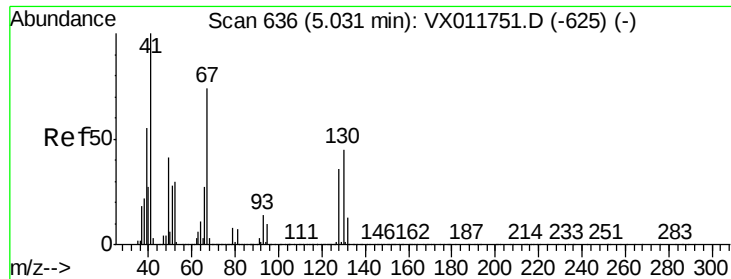
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#40
Benzene
Concen: 20.412 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	19.1	28.7





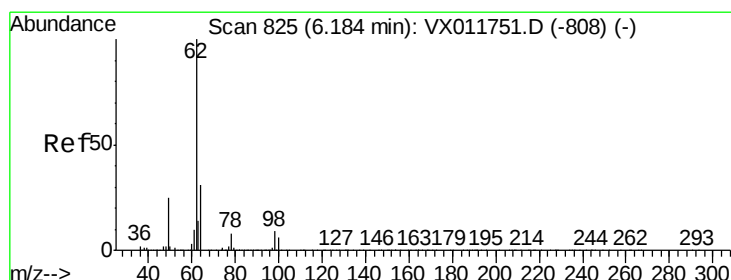
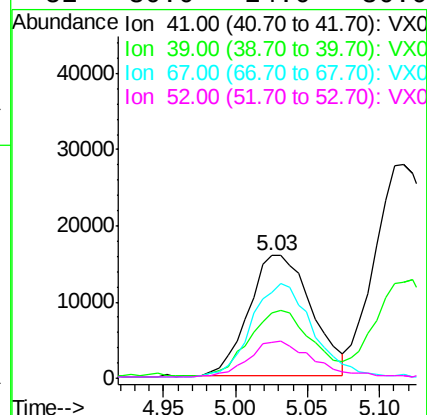
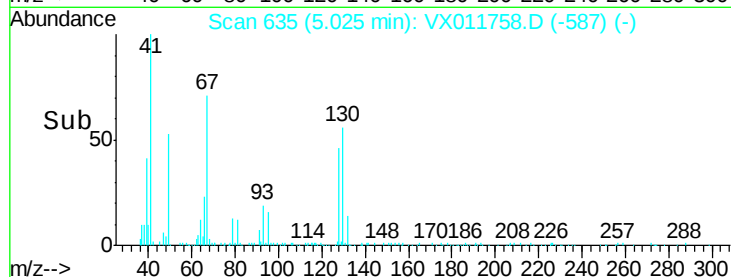
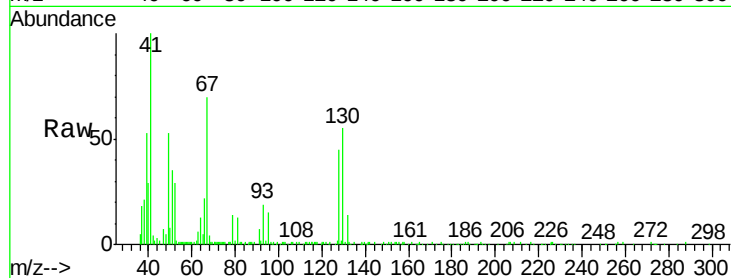
#41
Methacrylonitrile
Concen: 19.612 ug/l
RT: 5.03 min Scan# 635
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		48110		
39	54.6	44.3	66.5		
67	75.8	60.3	90.5		
52	30.0	24.0	36.0		

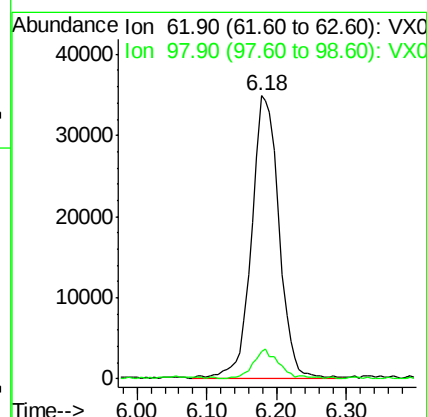
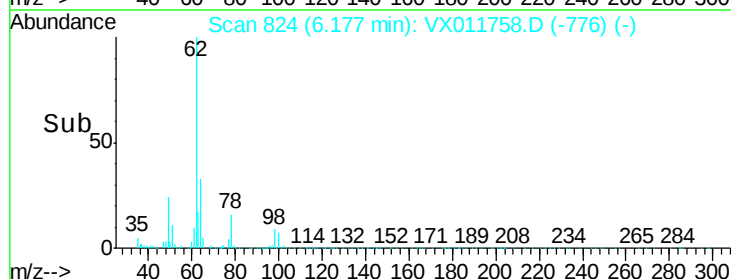
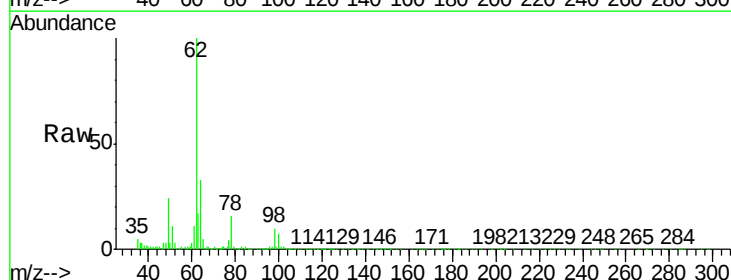
Manual Integrations
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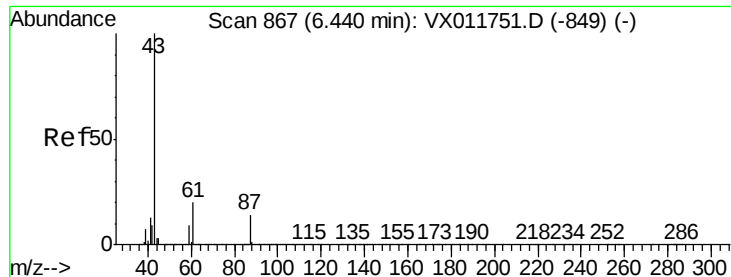
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#42
1,2-Dichloroethane
Concen: 20.913 ug/l
RT: 6.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		94261		
98	9.2	0.0	18.8		





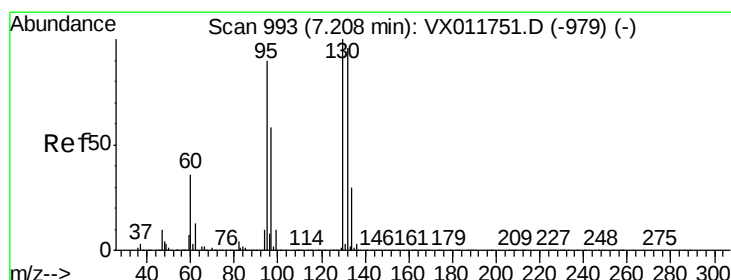
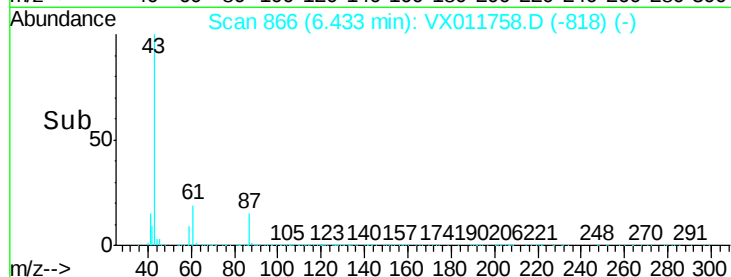
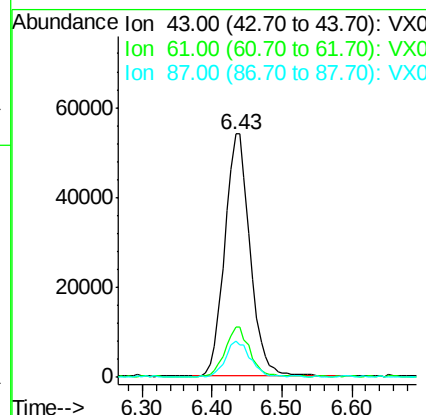
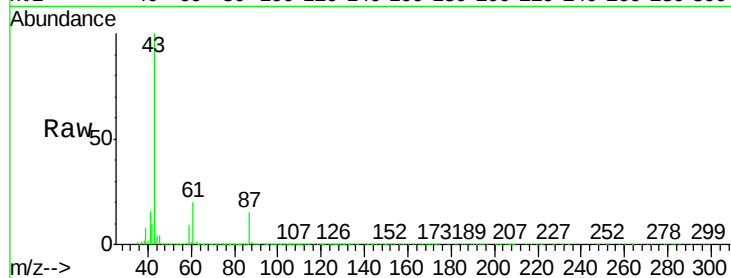
#43
Isopropyl Acetate
Concen: 19.947 ug/l
RT: 6.43 min Scan# 866
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.2	24.2
87	14.4	11.6	17.4

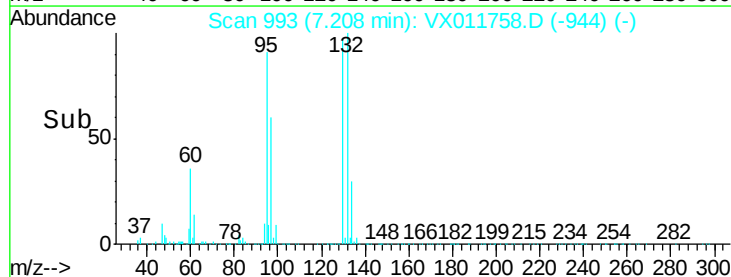
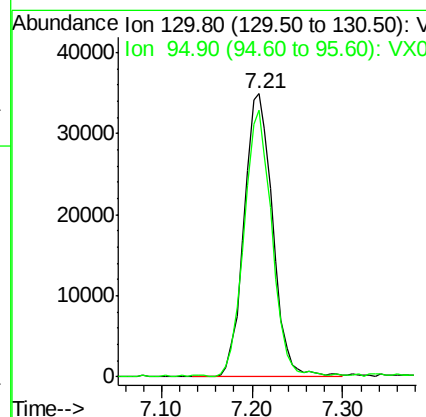
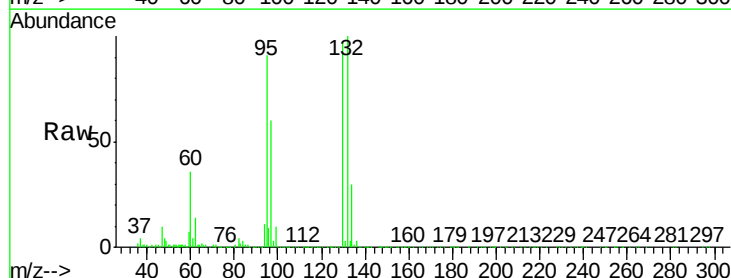
Manual Integrations
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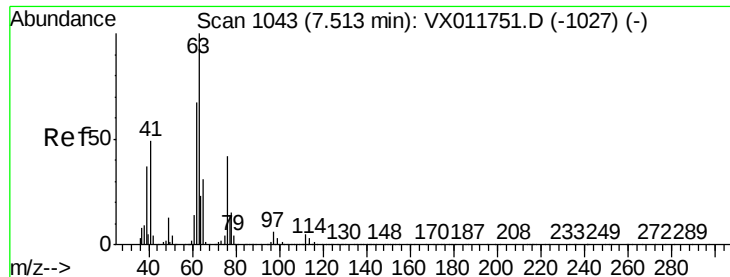
MMDadoda
8/23/2019 8:41:56 AM



#44
Trichloroethene
Concen: 20.110 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	179.0





#45

1,2-Dichloropropane

Concen: 20.134 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 63 Resp: 62399

Ion Ratio Lower Upper

63 100

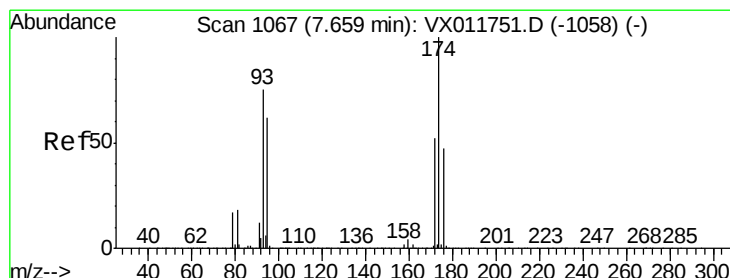
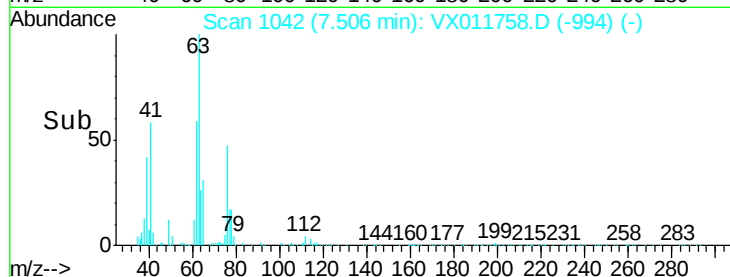
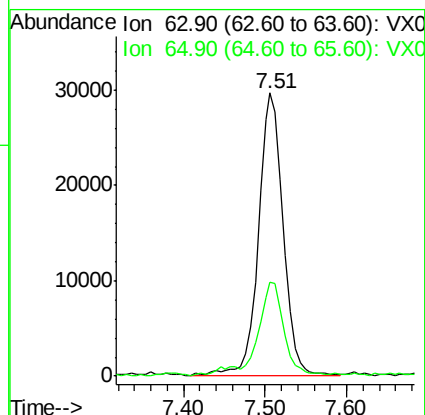
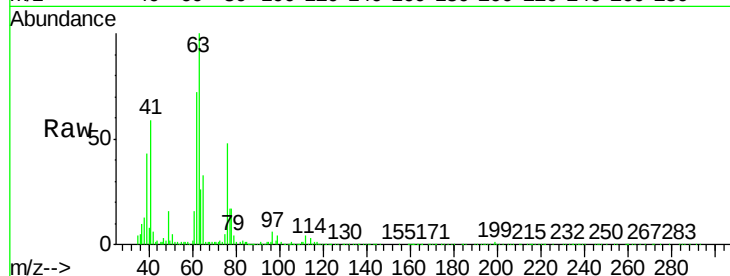
65 32.9 24.8 37.2

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#46

Dibromomethane

Concen: 20.090 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

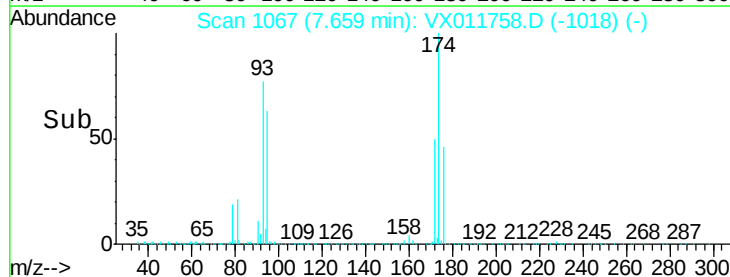
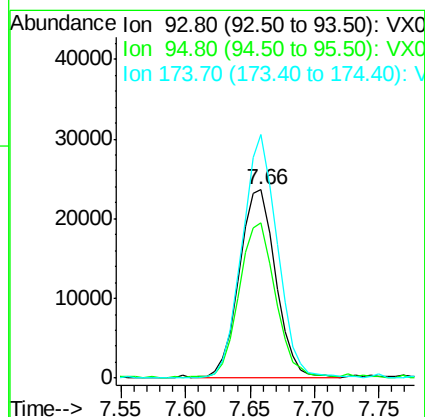
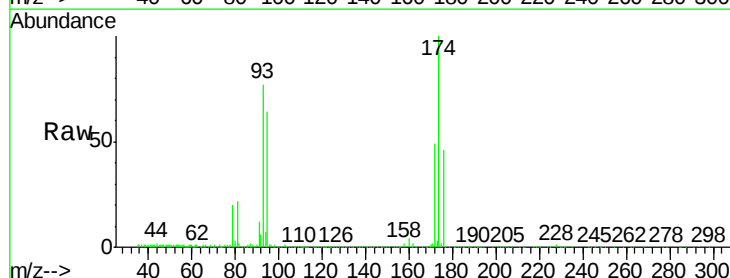
Tgt Ion: 93 Resp: 45905

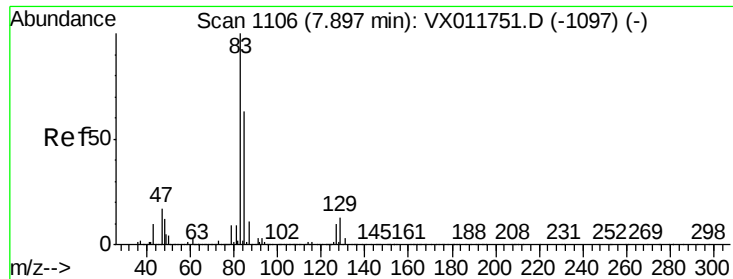
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.2

174 126.7 104.2 156.4





#47

Bromodichloromethane

Concen: 20.246 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

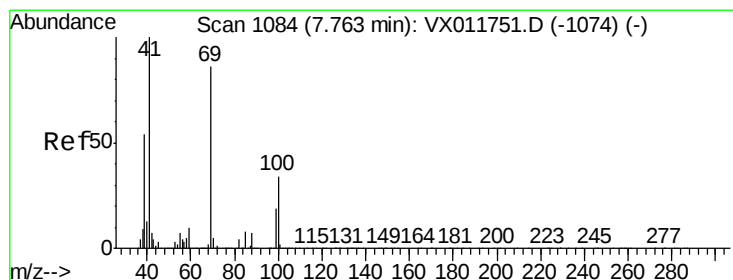
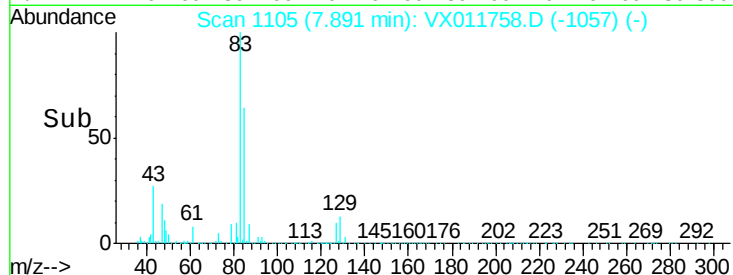
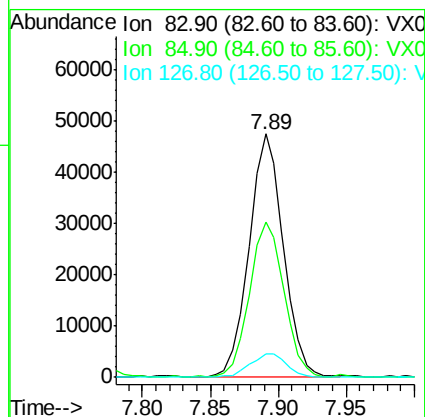
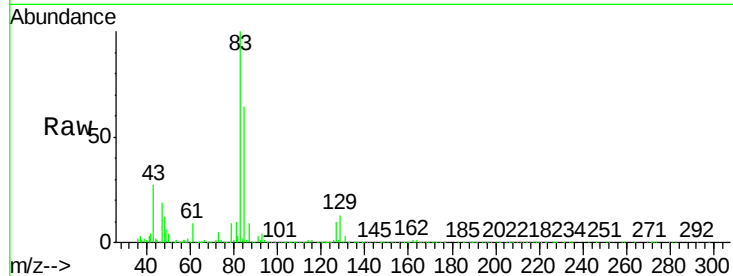
ClientSampleId :

VX0822WBS01

Tot Ion:	83	Resp:	83275
Ion Ratio	Lower	Upper	
83	100		
85	63.5	50.6	76.0
127	9.7	8.4	12.6

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#48

Methyl methacrylate

Concen: 20.333 ug/l

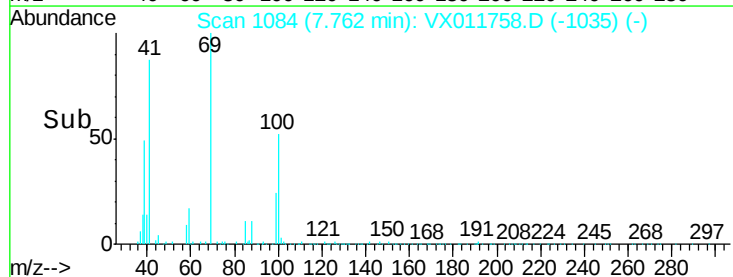
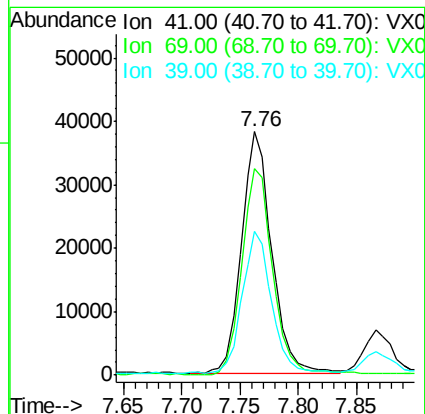
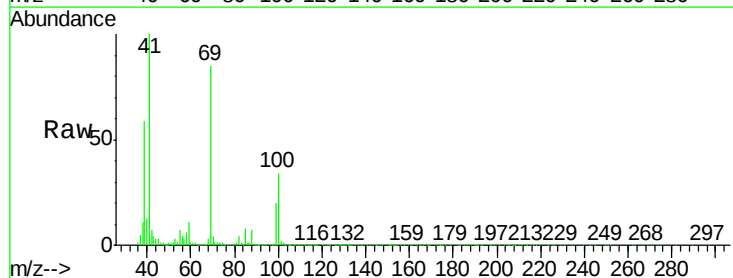
RT: 7.76 min Scan# 1084

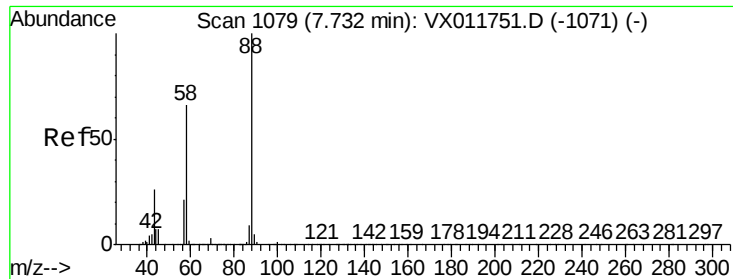
Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tgt Ion:	41	Resp:	69083
Ion Ratio	Lower	Upper	
41	100		
69	86.7	69.4	104.2
39	56.9	43.6	65.4





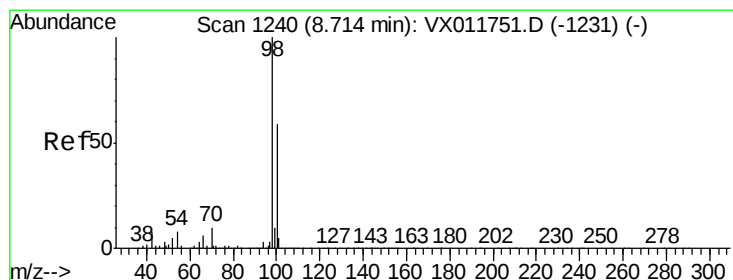
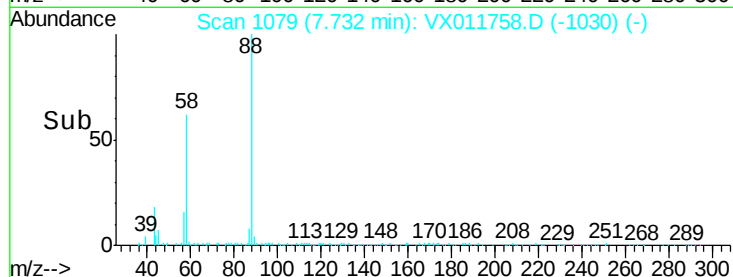
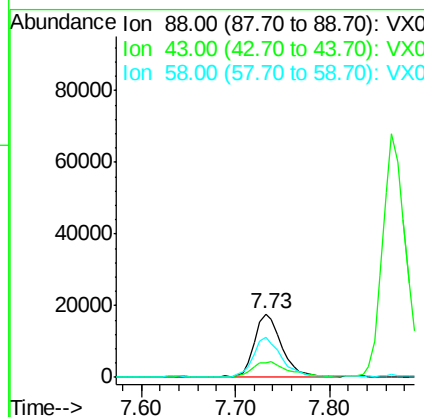
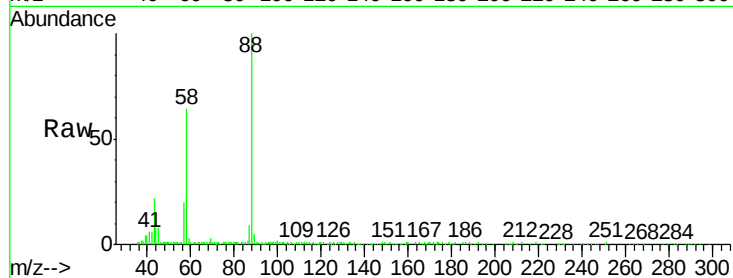
#49
1,4-Dioxane
Concen: 381.926 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.6	37.0
58	65.2	51.4	77.2

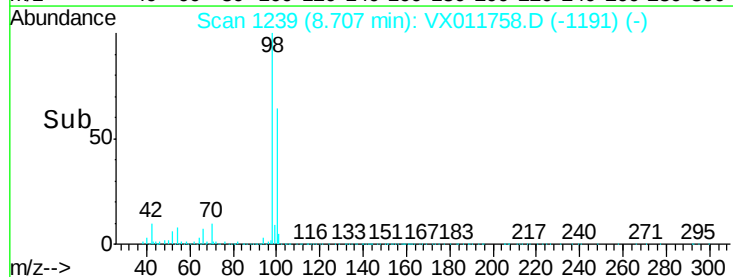
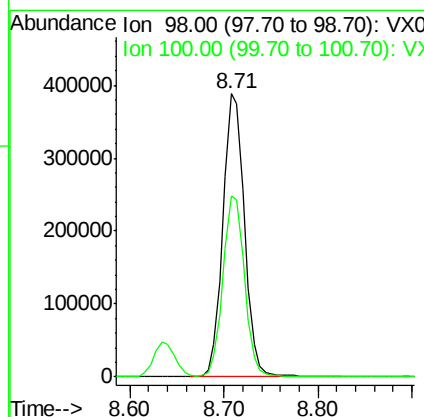
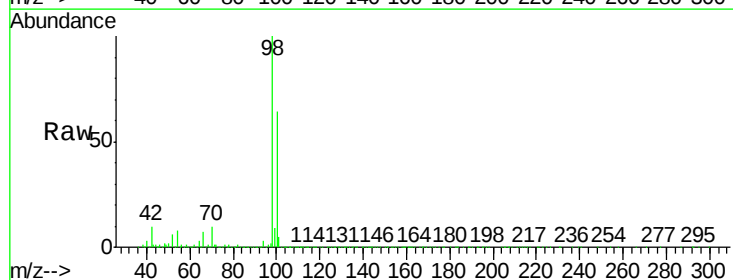
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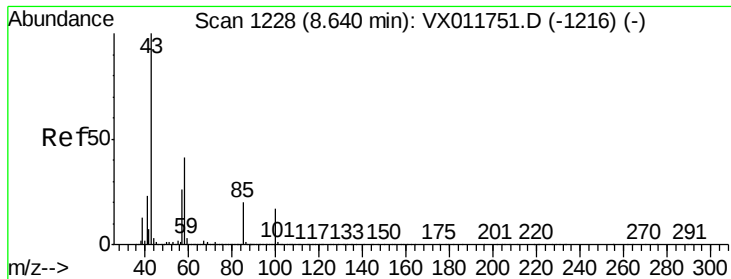
MMDadoda
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#50
Toluene-d8
Concen: 53.801 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1





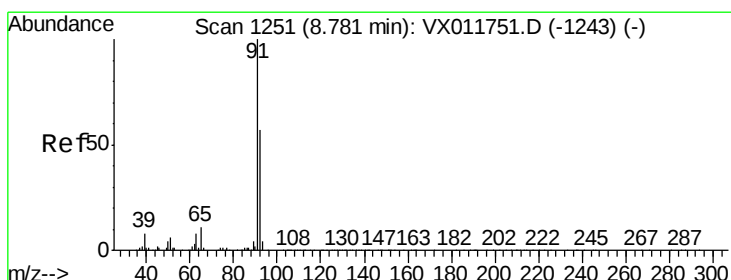
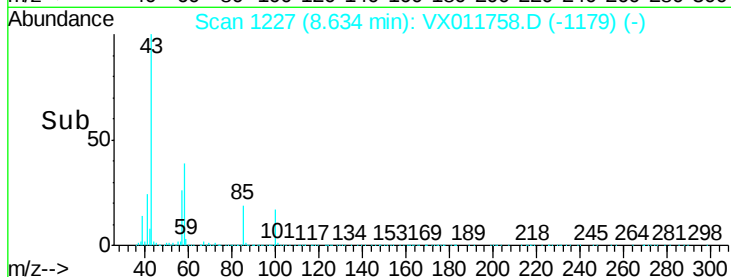
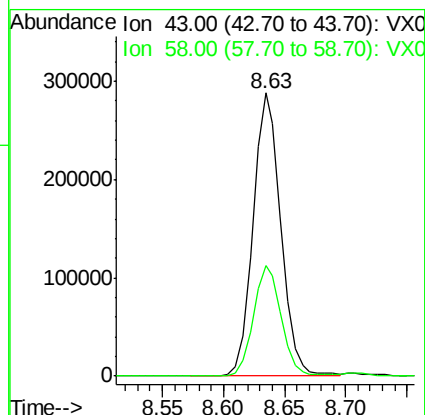
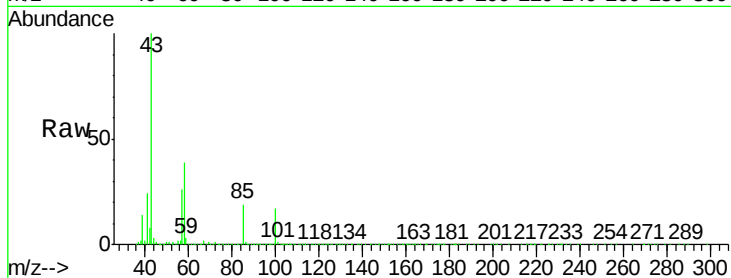
#51
4-Methyl-2-Pentanone
Concen: 100.942 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	31.8	47.6

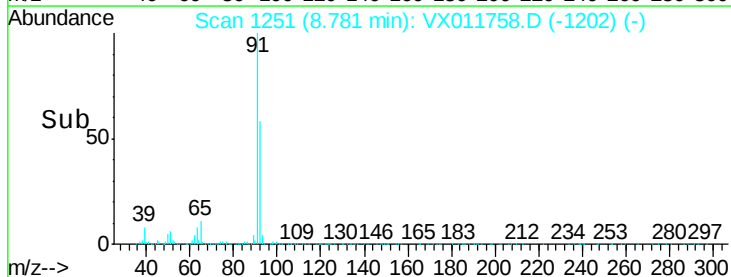
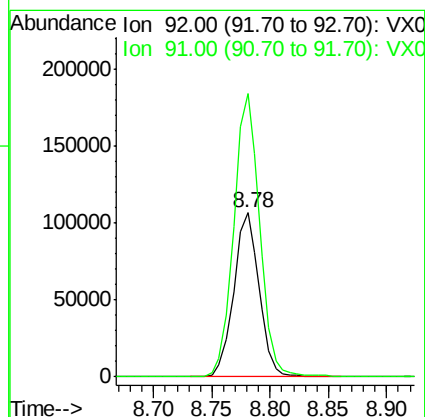
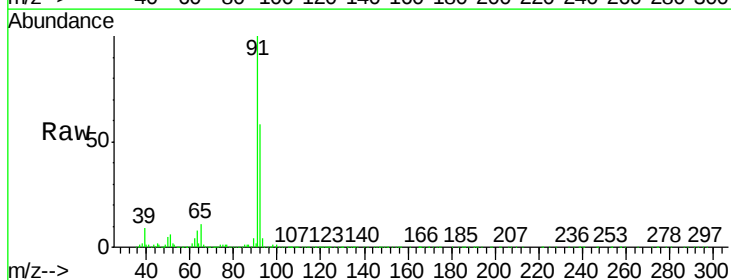
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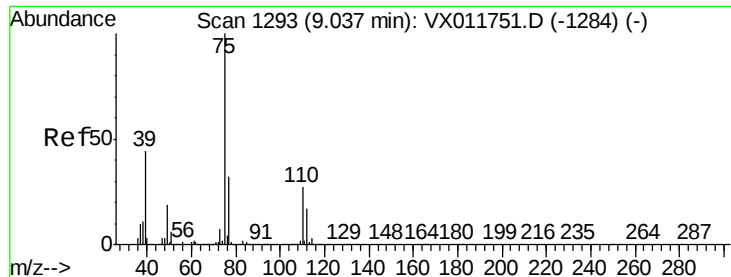
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#52
Toluene
Concen: 20.316 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.0	138.6	207.8





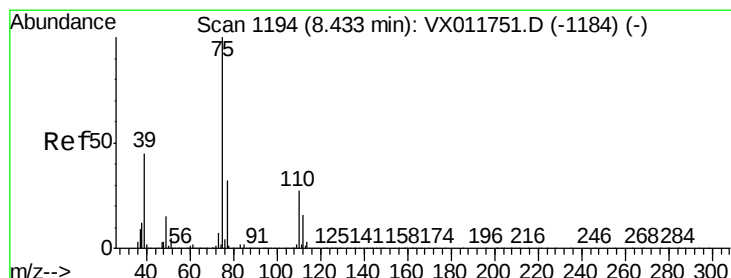
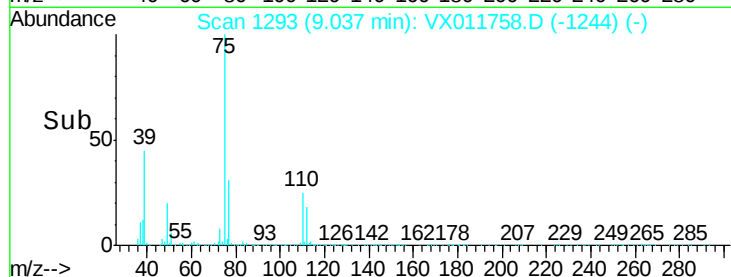
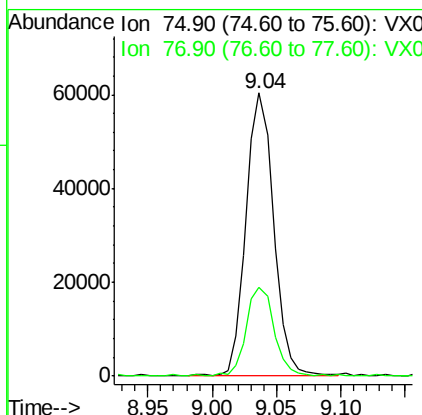
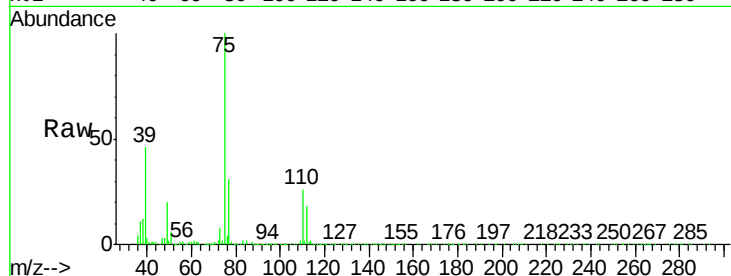
#53
t-1,3-Dichloropropene
Concen: 20.627 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0

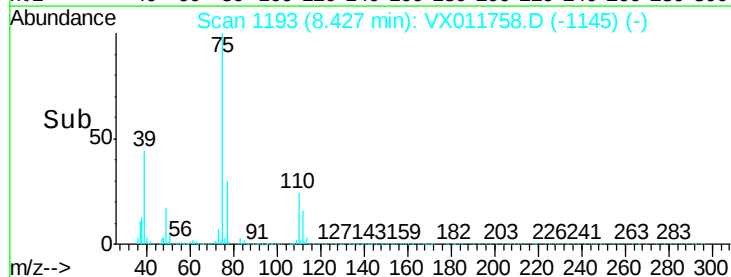
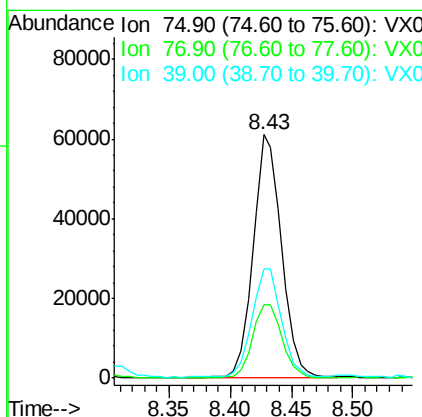
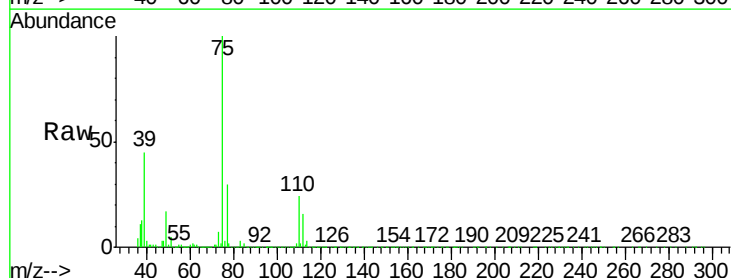
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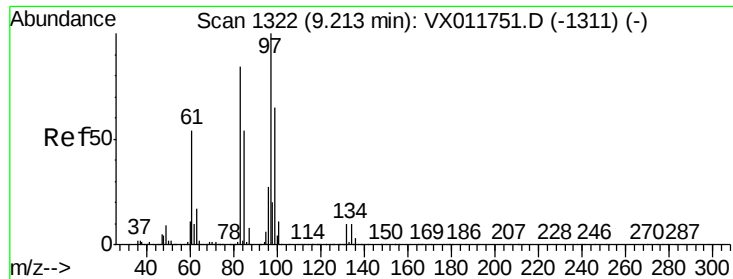
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.086 ug/l
RT: 8.43 min Scan# 1193
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.4	38.2
39	44.1	36.2	54.4





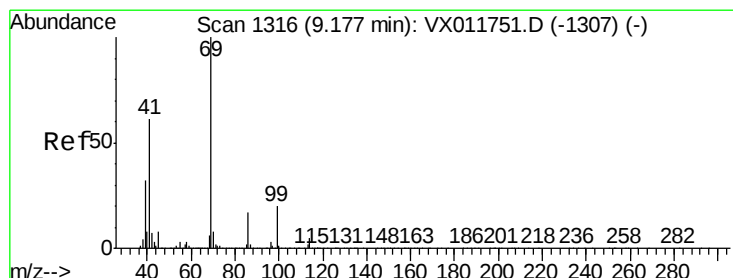
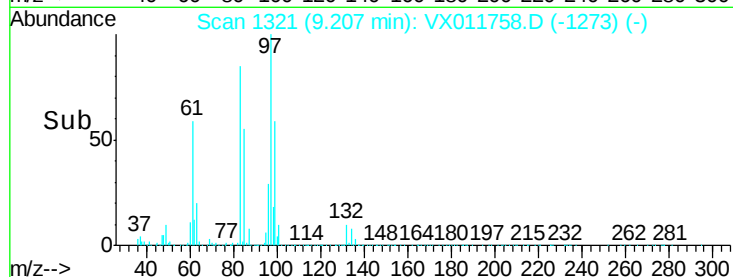
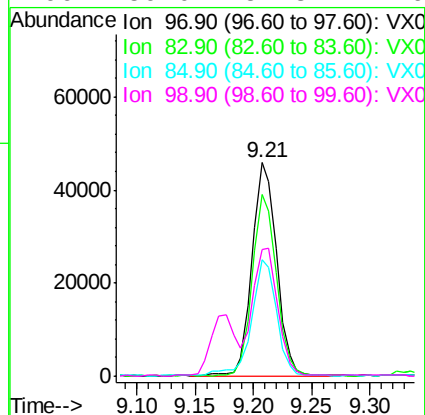
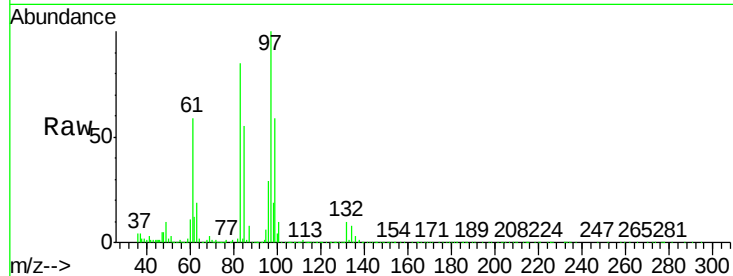
#55
 1,1,2-Trichloroethane
 Concen: 20.412 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: VX011758.D
 Acq: 22 Aug 2019 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		67855		
83	84.8	67.3	100.9		
85	54.4	43.4	65.2		
99	59.0	51.8	77.6		

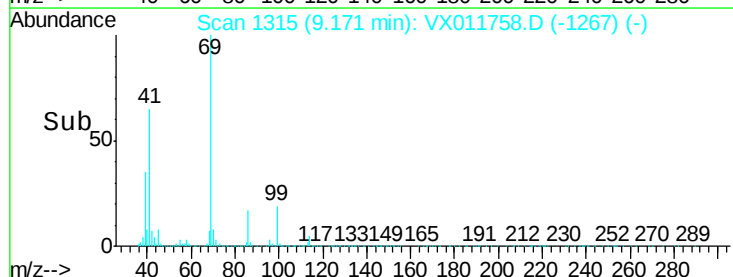
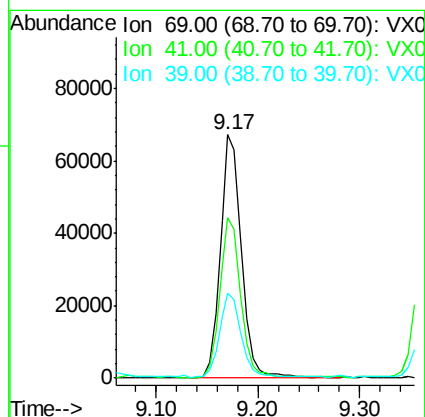
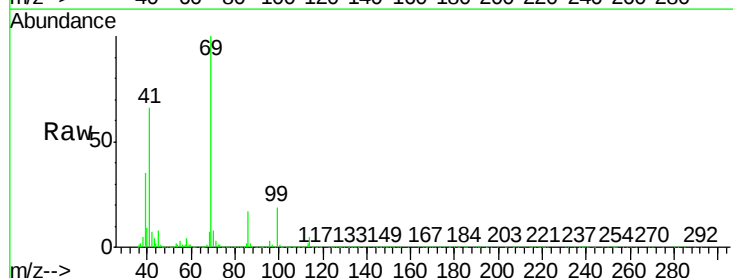
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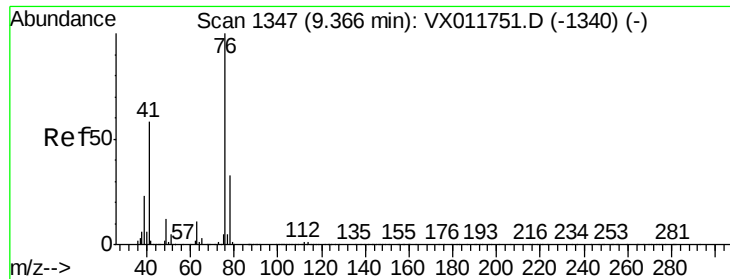
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#56
 Ethyl methacrylate
 Concen: 20.663 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011758.D
 Acq: 22 Aug 2019 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		97688		
41	66.0	50.7	76.1		
39	35.5	26.4	39.6		





#57

1,3-Dichloropropane

Concen: 20.390 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 76 Resp: 109449

Ion Ratio Lower Upper

76 100

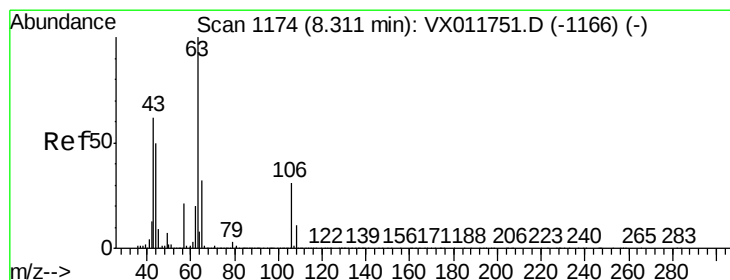
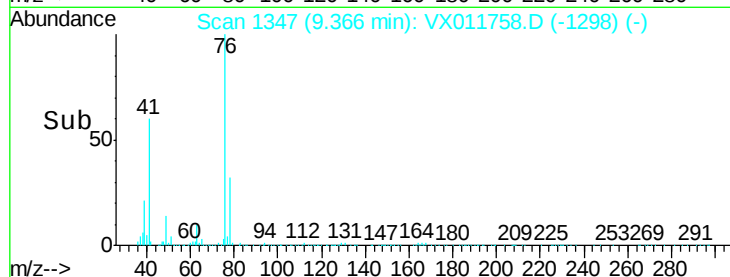
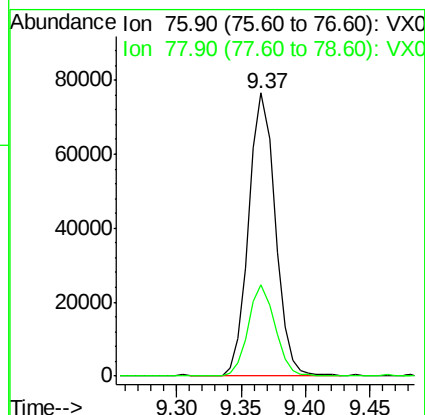
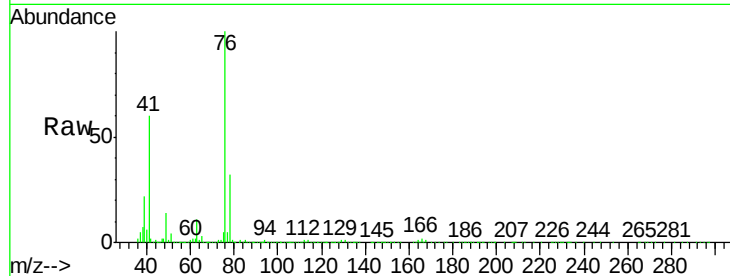
78 32.1 26.6 39.8

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#58

2-Chloroethyl Vinyl ether

Concen: 89.271 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011758.D

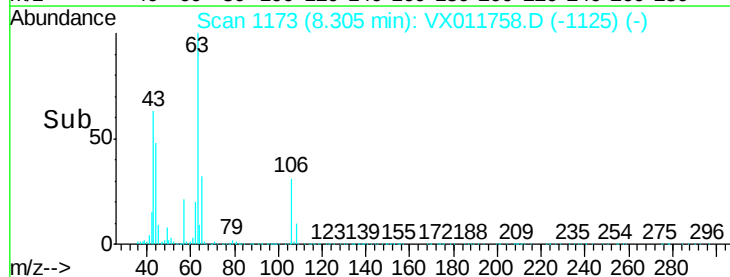
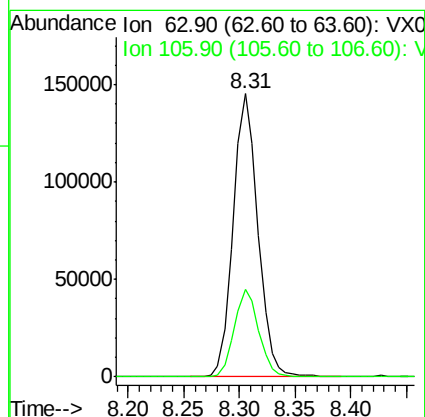
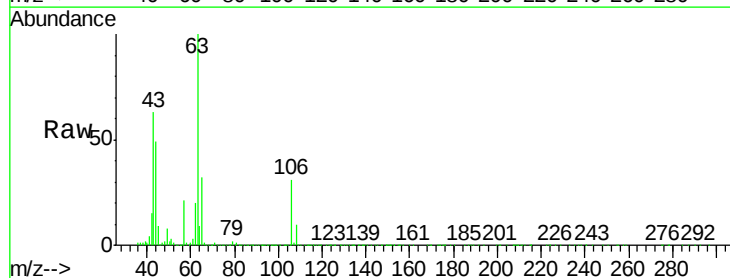
Acq: 22 Aug 2019 13:47

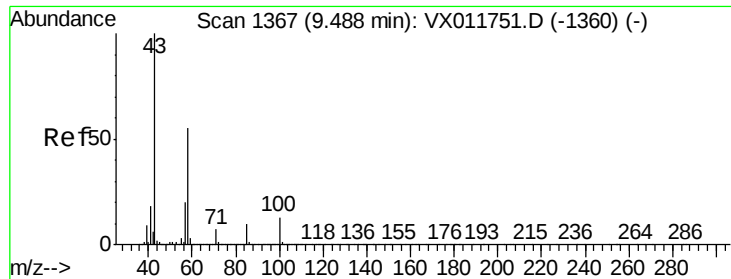
Tgt Ion: 63 Resp: 222011

Ion Ratio Lower Upper

63 100

106 30.7 24.9 37.3





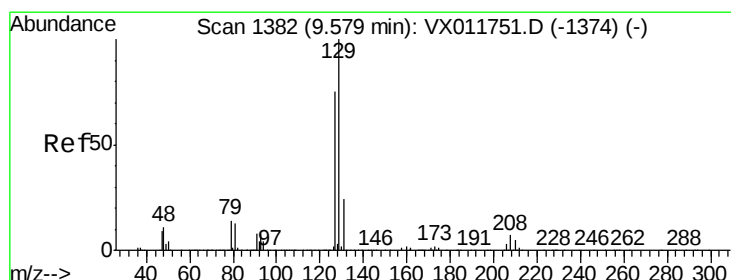
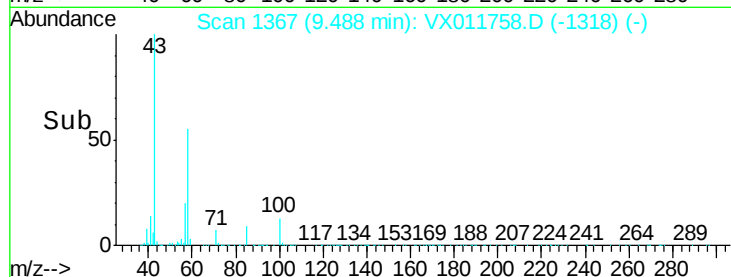
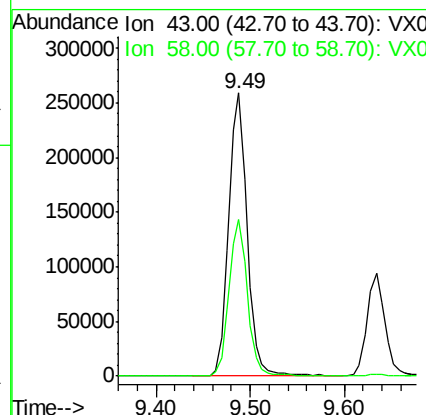
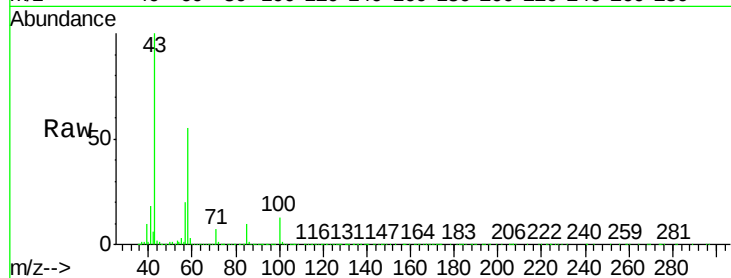
#59
2-Hexanone
Concen: 101.786 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion: 43 Resp: 351437
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1

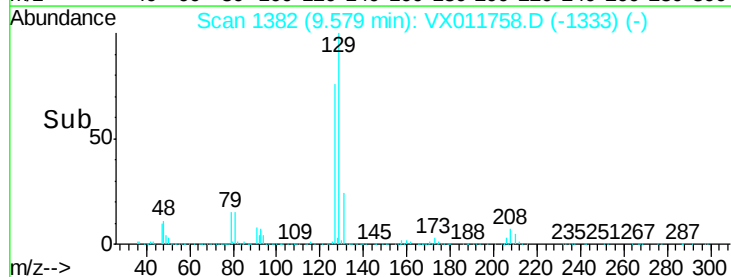
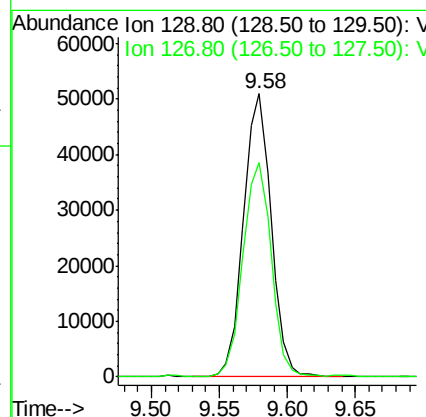
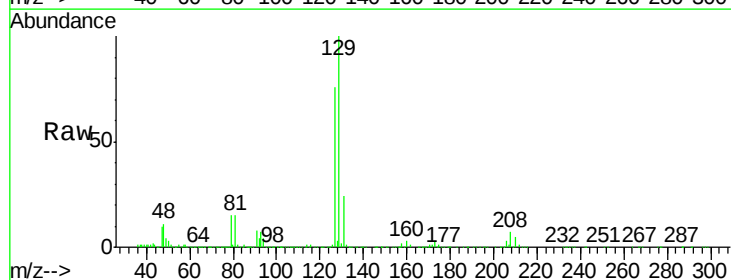
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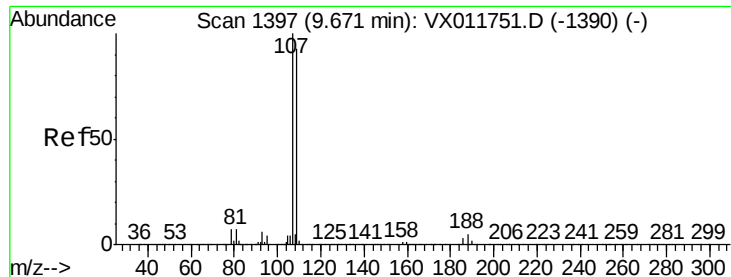
MMDadoda
8/23/2019 8:41:56 AM



#60
Dibromochloromethane
Concen: 20.161 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion: 129 Resp: 72461
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.468 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 107 Resp: 73007

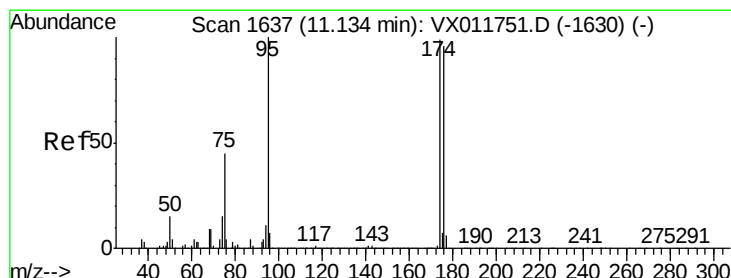
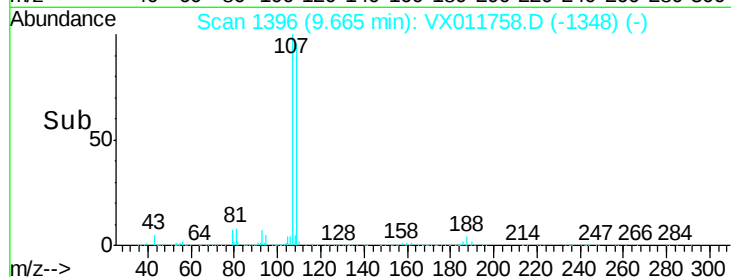
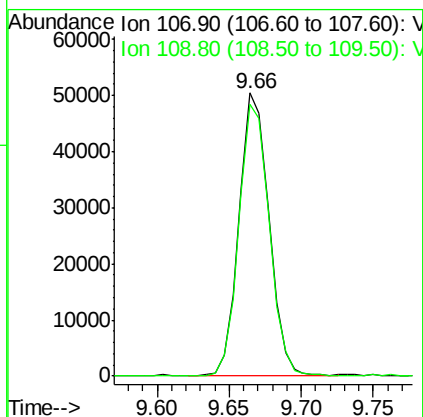
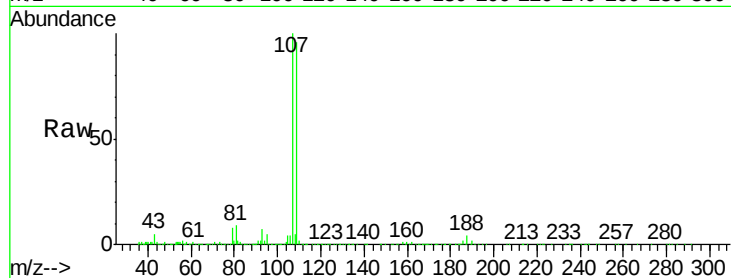
Ion Ratio Lower Upper

107 100

109 97.0 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 50.326 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

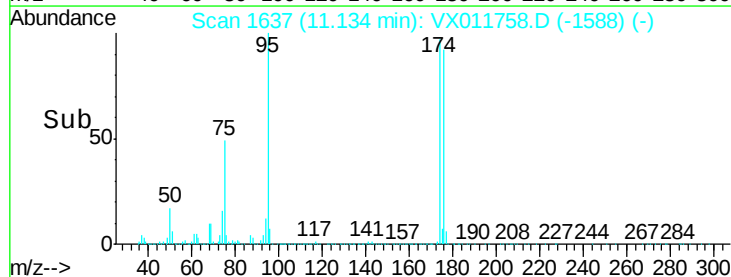
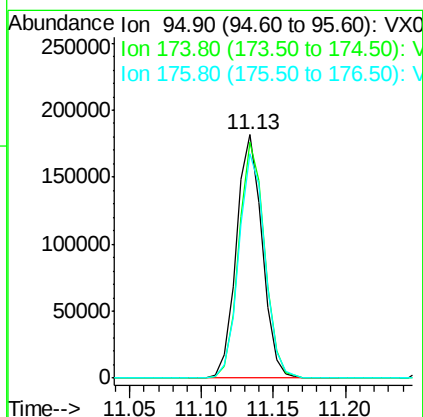
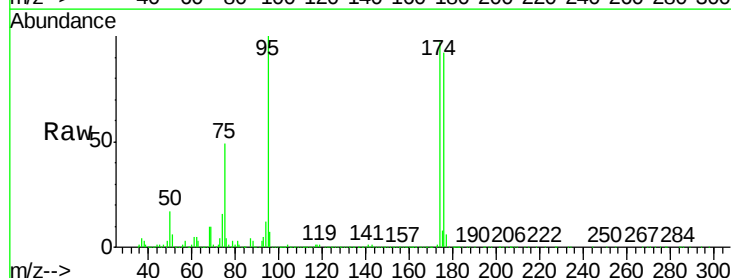
Tgt Ion: 95 Resp: 228047

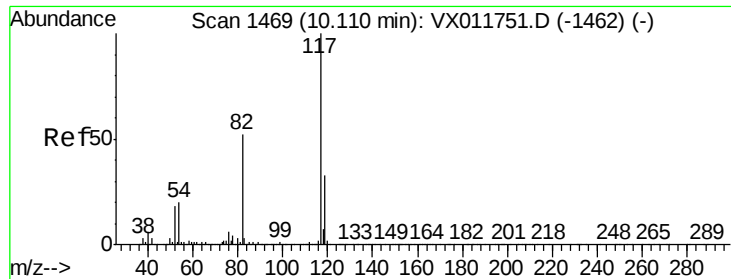
Ion Ratio Lower Upper

95 100

174 96.1 0.0 197.4

176 93.0 0.0 194.4





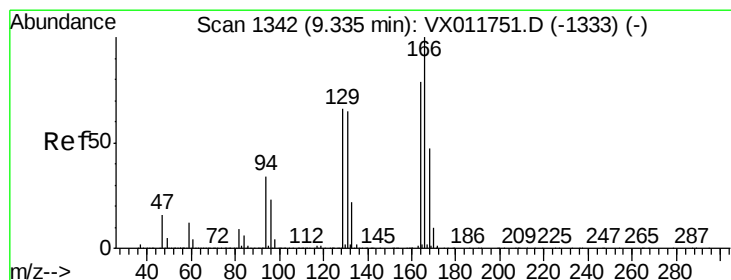
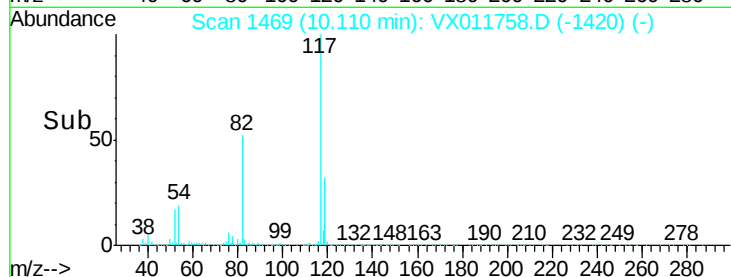
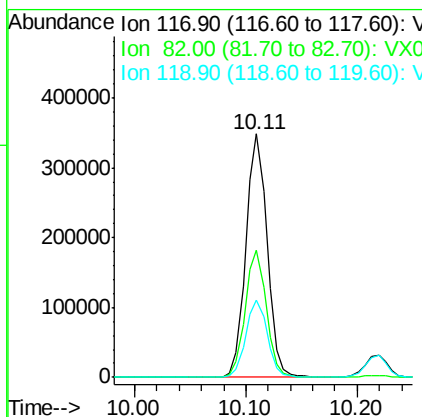
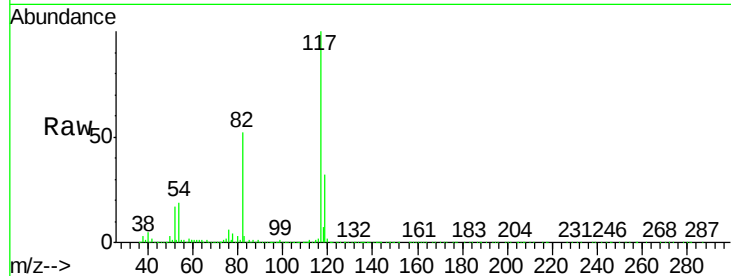
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	461451		
82	52.4	41.7	62.5	
119	31.9	26.2	39.2	

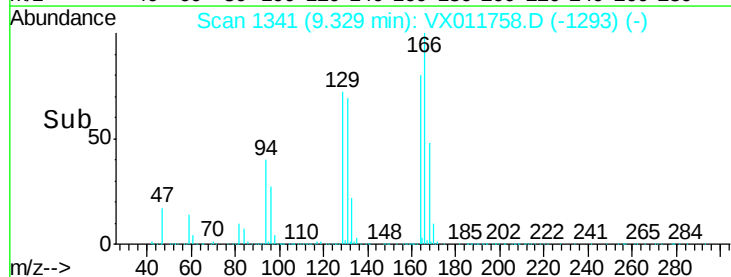
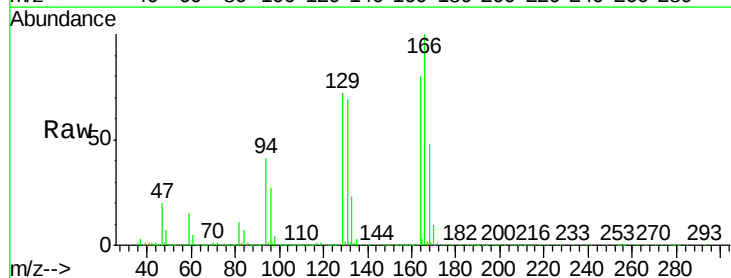
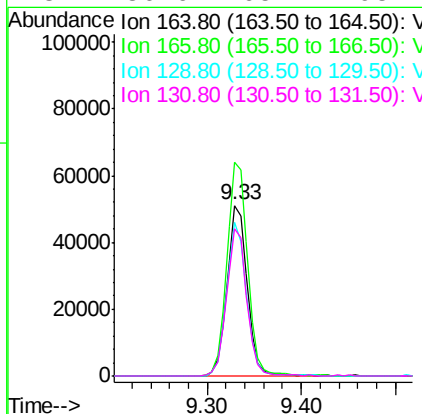
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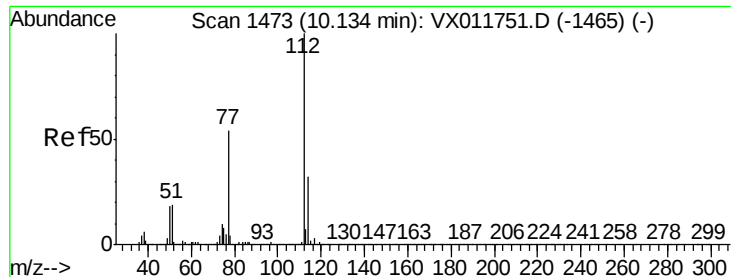
MMDadoda
8/23/2019 8:41:56 AM



#64
Tetrachloroethene
Concen: 20.637 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75974		
166	125.3	100.7	151.1	
129	90.3	66.8	100.2	
131	86.6	65.4	98.2	





#65

Chlorobenzene

Concen: 20.795 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion:112 Resp: 187346

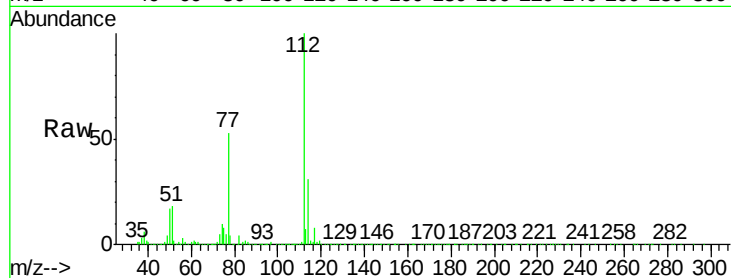
Ion Ratio Lower Upper

112 100

114 31.2 25.4 38.0

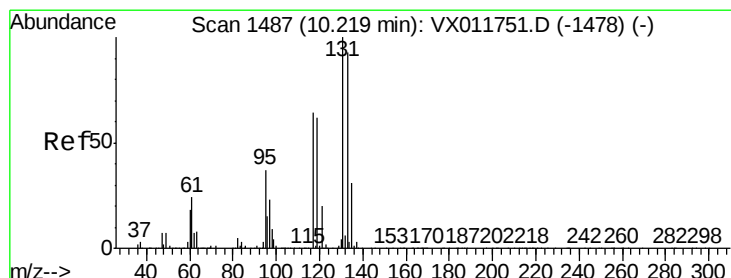
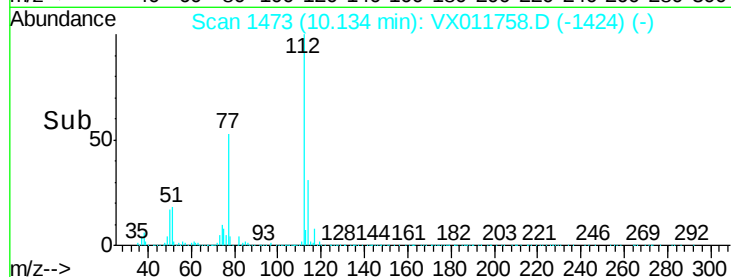
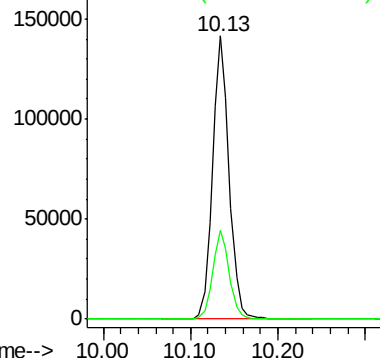
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.736 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

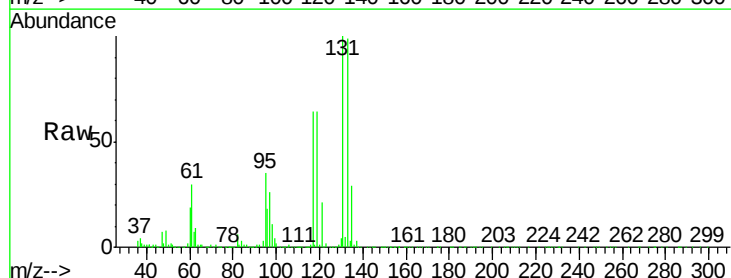
Tgt Ion:131 Resp: 69994

Ion Ratio Lower Upper

131 100

133 95.9 47.8 143.4

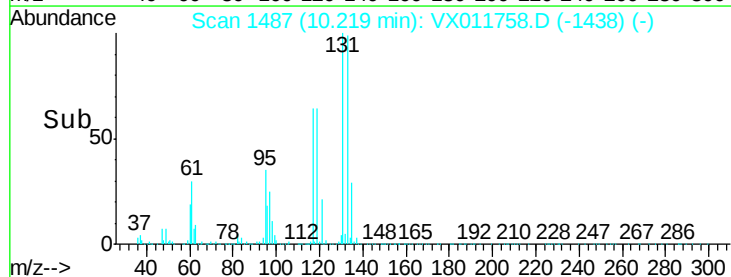
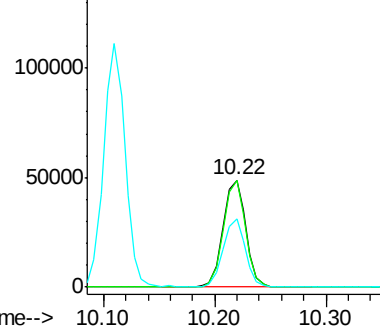
119 62.7 31.3 93.8

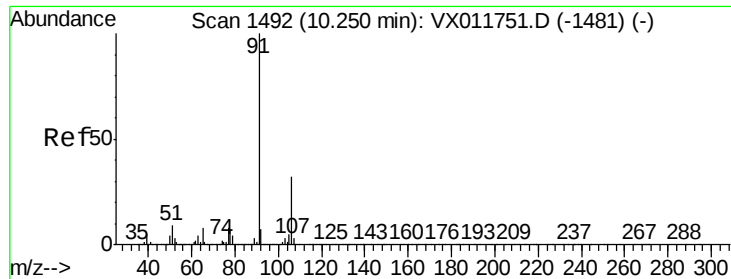


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





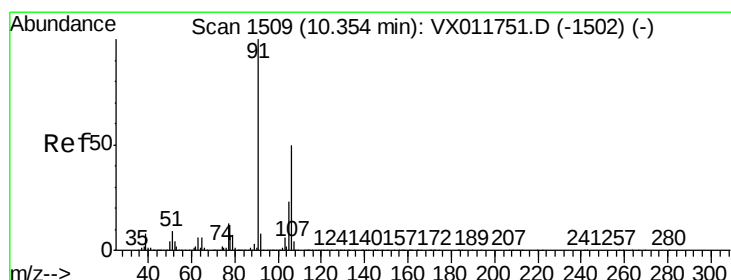
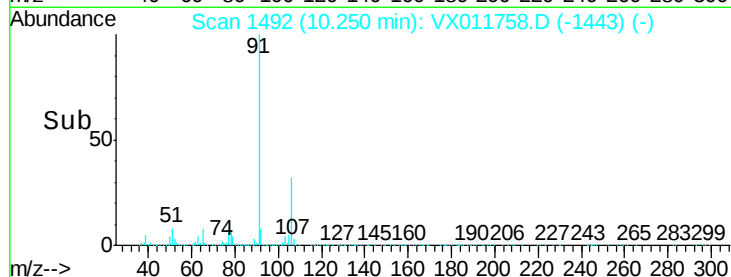
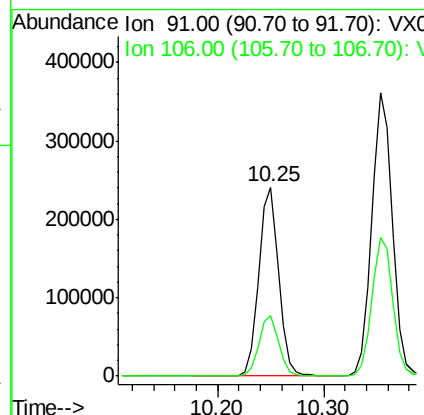
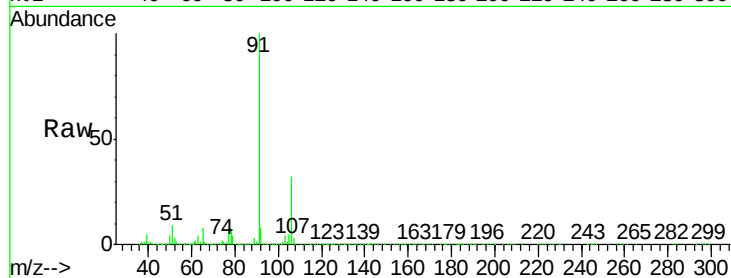
#67
Ethyl Benzene
Concen: 20.967 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion: 91 Resp: 315663
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

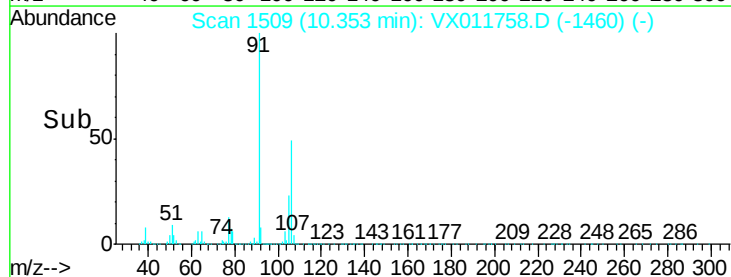
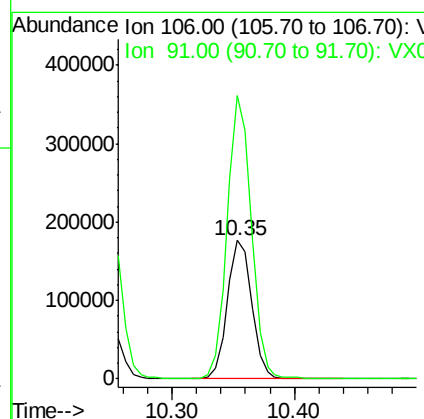
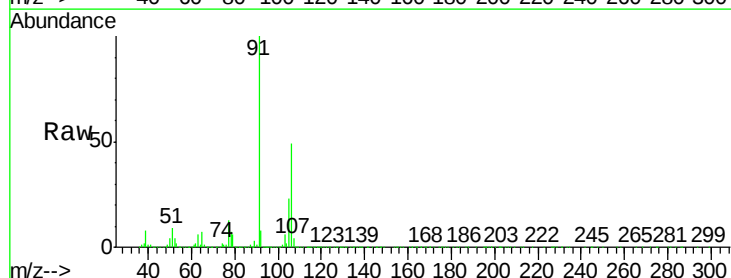
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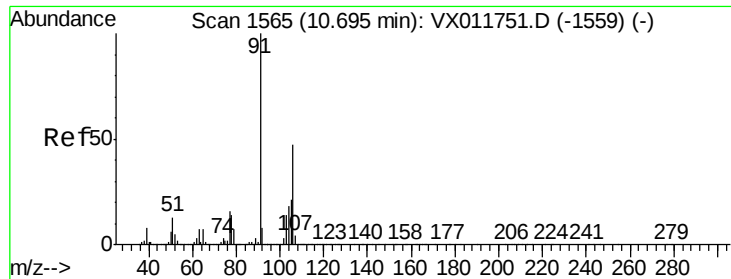
MMDadoda
8/23/2019 8:41:56 AM



#68
m/p-Xylenes
Concen: 42.062 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion: 106 Resp: 244173
Ion Ratio Lower Upper
106 100
91 201.6 158.3 237.5





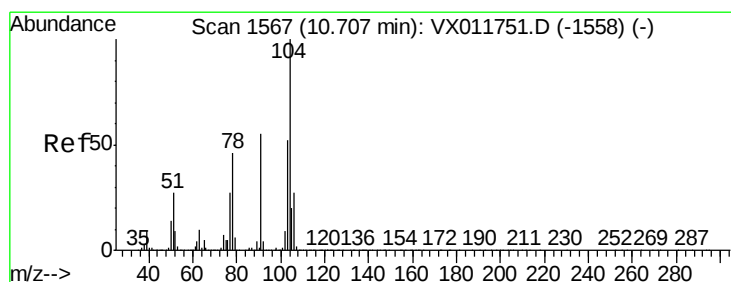
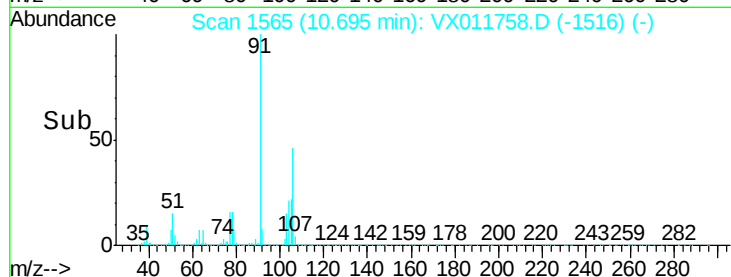
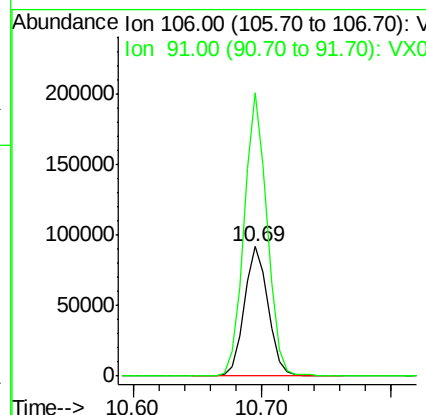
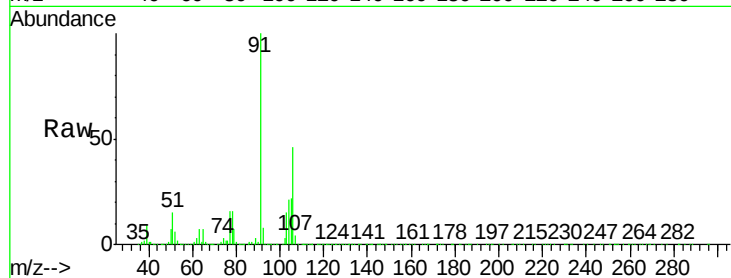
#69
o-Xylene
Concen: 20.506 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.4	105.0	314.9

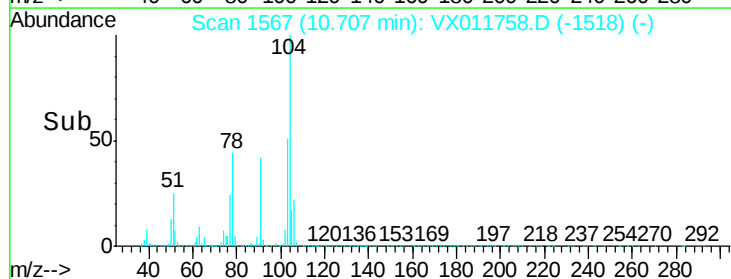
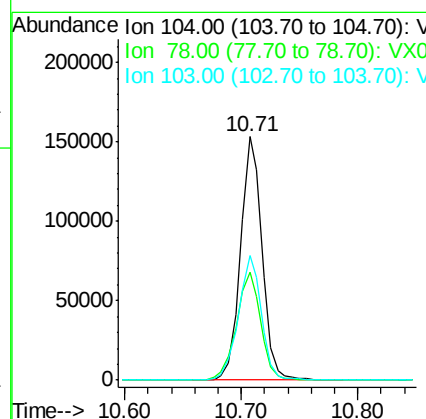
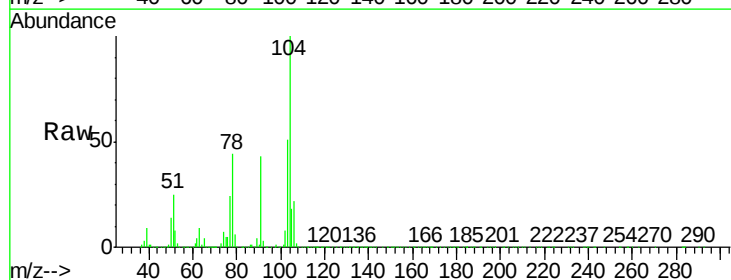
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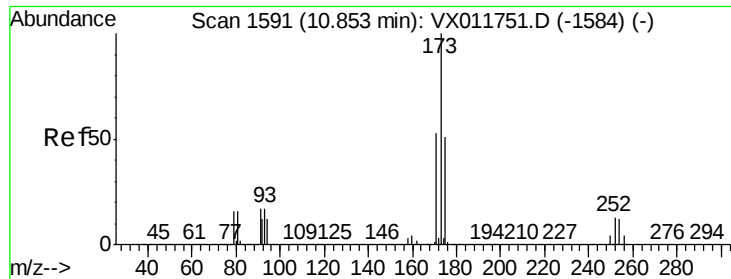
MMDadoda
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#70
Styrene
Concen: 20.774 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.2	58.8
103	54.3	44.5	66.7





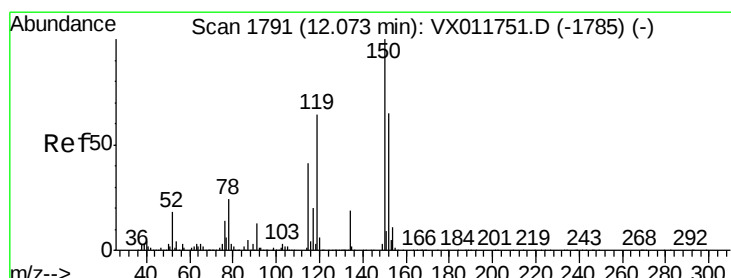
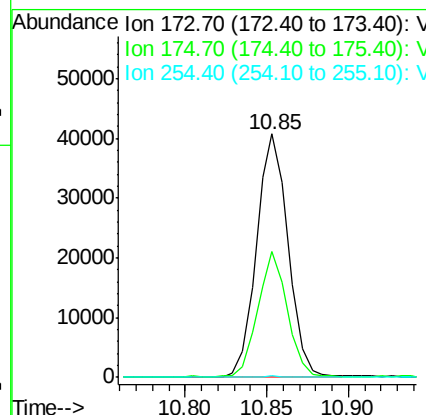
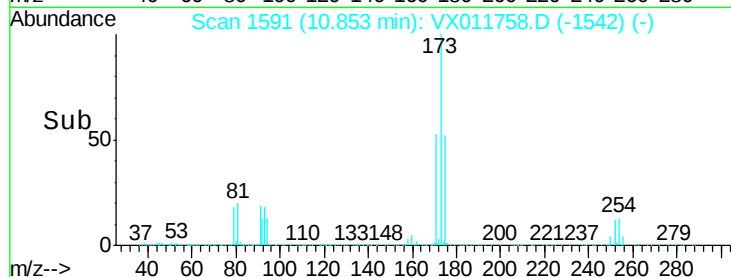
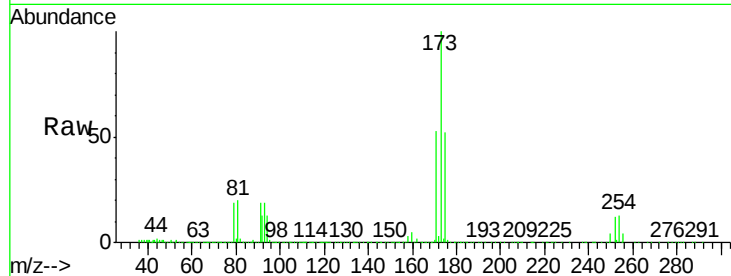
#71
Bromoform
Concen: 18.831 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	25.1	75.3
254	0.5	0.2	0.4

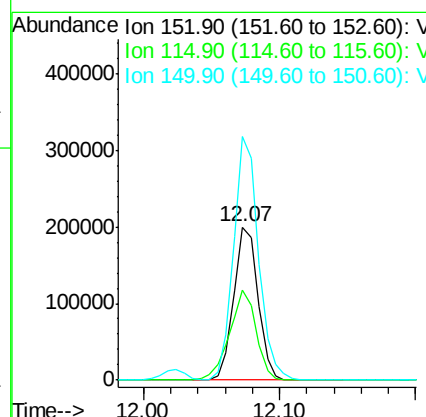
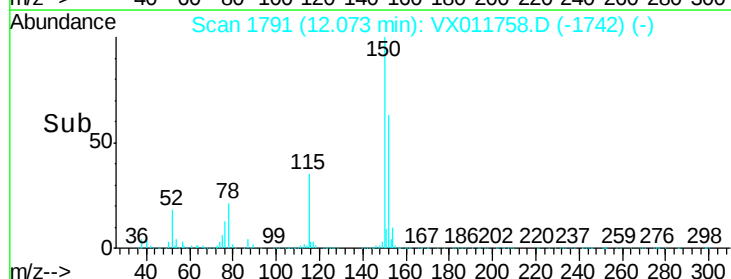
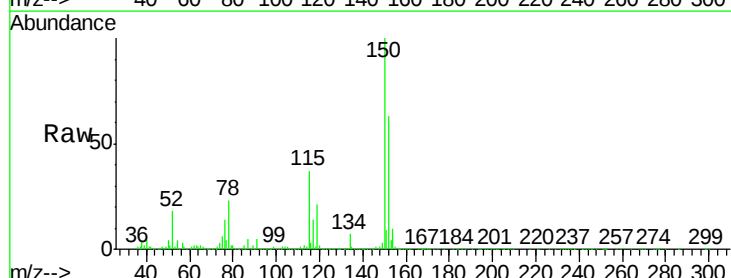
Manual Integrations
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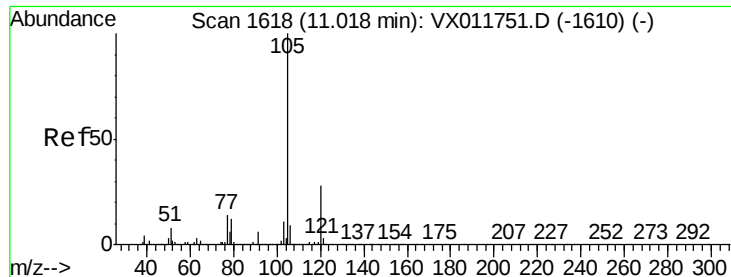
MMDadoda
8/23/2019 8:41:56 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	37.3	111.8
150	162.8	0.0	343.0





#73

Isopropylbenzene

Concen: 21.707 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 105 Resp: 324213

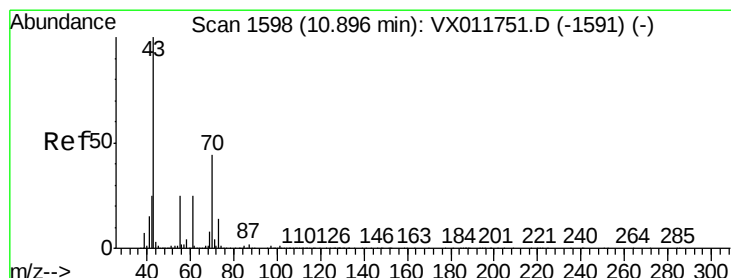
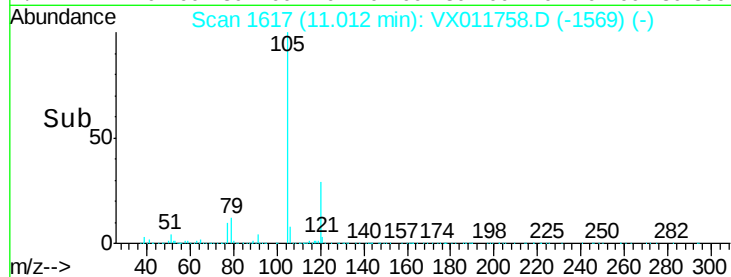
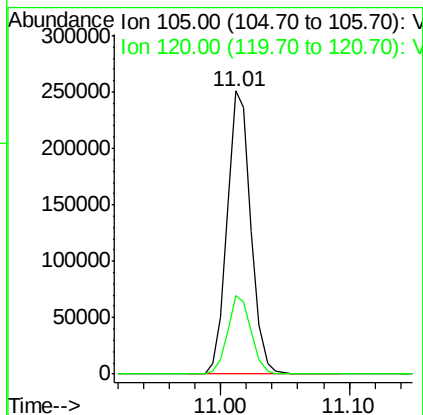
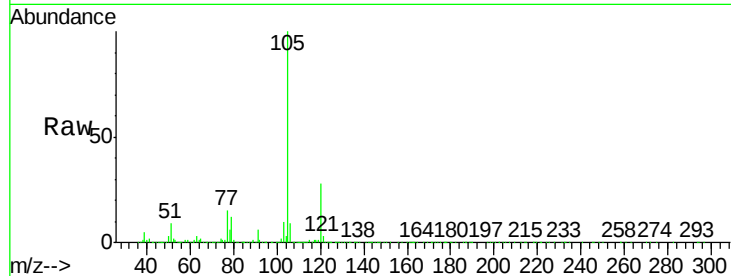
Ion Ratio Lower Upper

105 100

120 27.6 13.9 41.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.469 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tgt Ion: 43 Resp: 118364

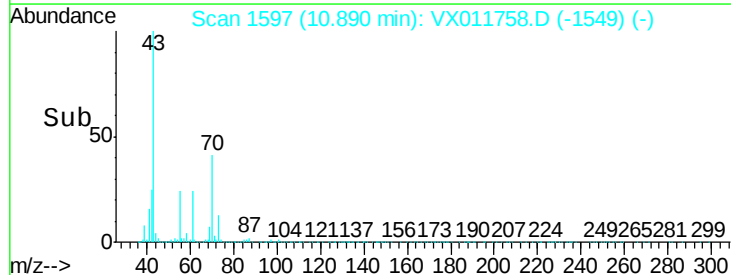
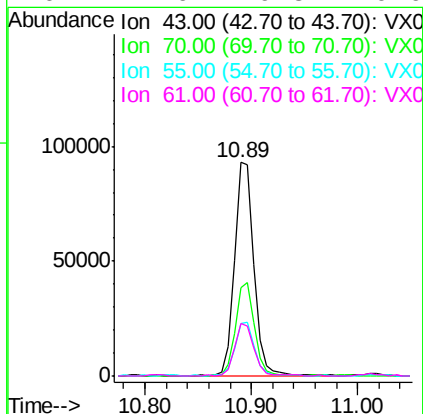
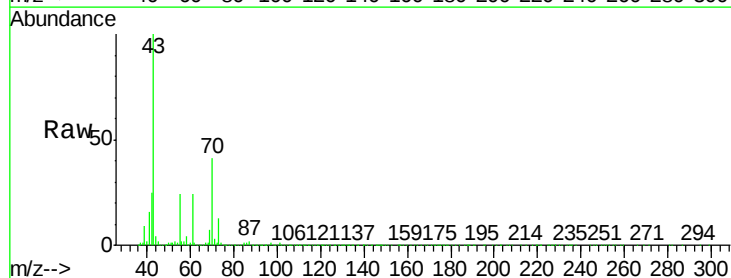
Ion Ratio Lower Upper

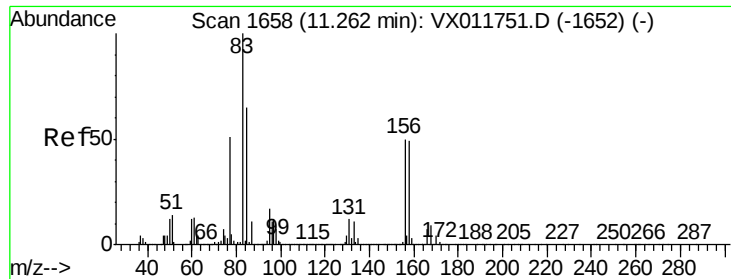
43 100

70 42.9 34.8 52.2

55 25.5 19.5 29.3

61 24.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.436 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

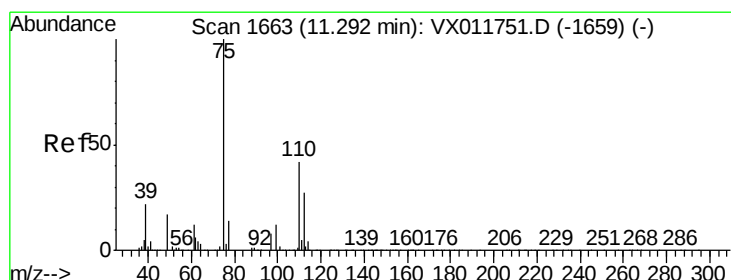
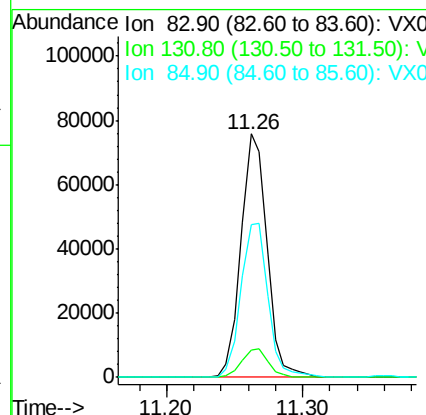
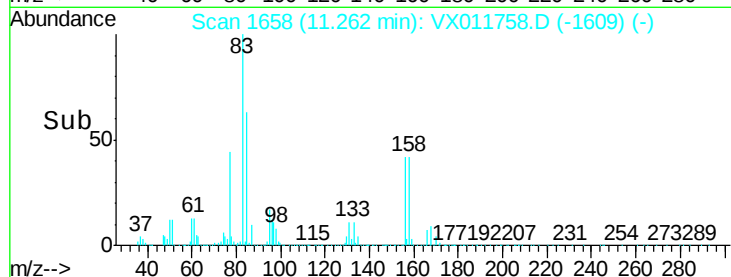
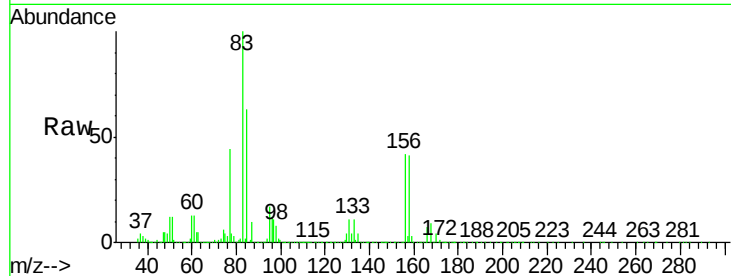
ClientSampleId :

VX0822WBS01

Tot Ion:	83	Resp:	101034
Ion Ratio	Lower	Upper	
83	100		
131	12.4	6.1	18.3
85	65.6	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.546 ug/l m

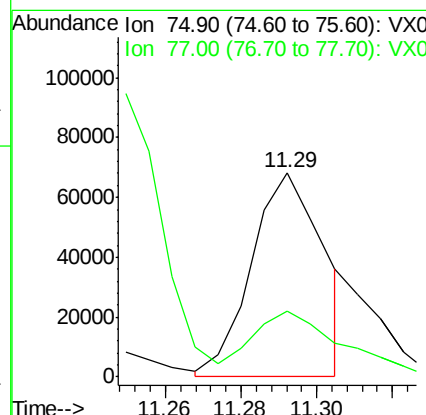
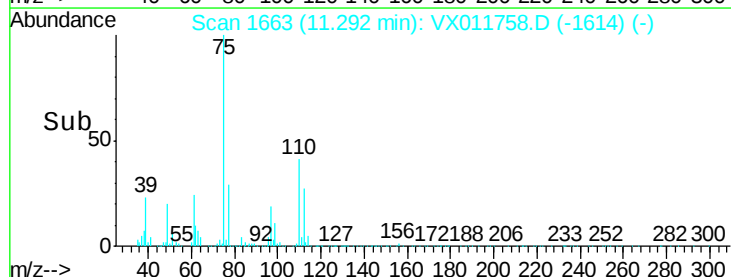
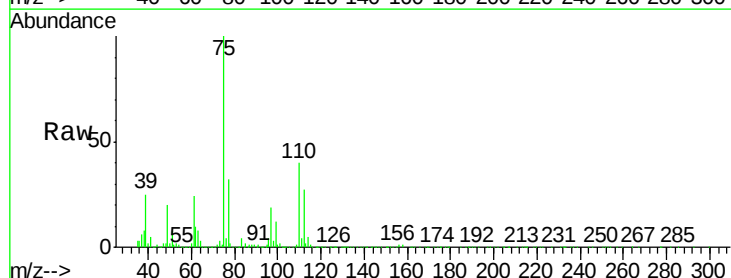
RT: 11.29 min Scan# 1663

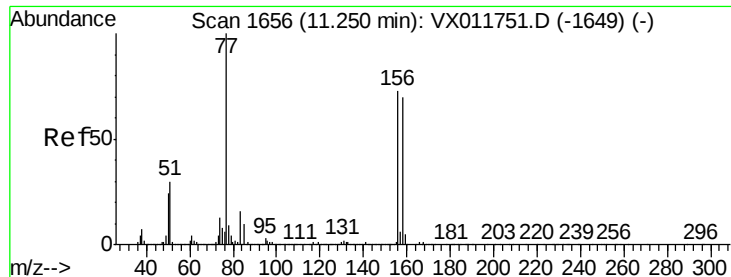
Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tgt Ion:	75	Resp:	89355
Ion Ratio	Lower	Upper	
75	100		
77	39.8	21.1	63.3





#77

Bromobenzene

Concen: 20.345 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

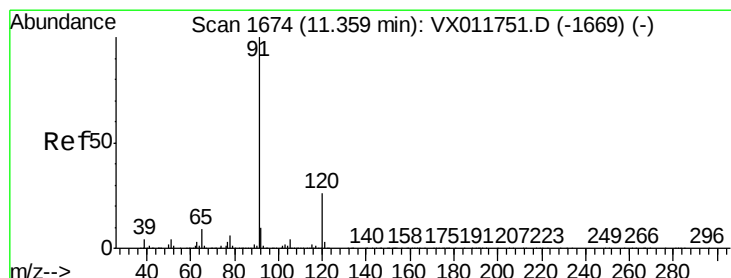
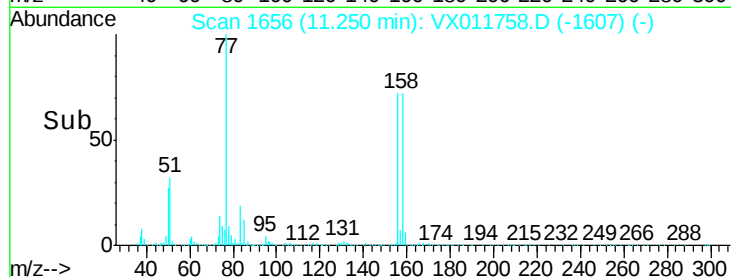
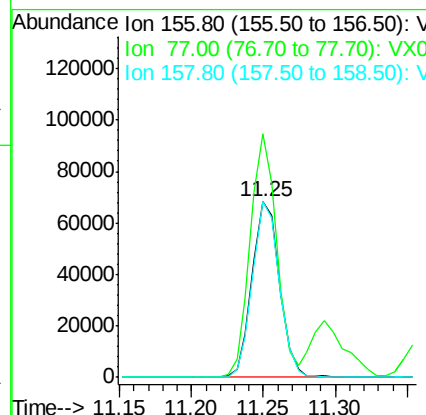
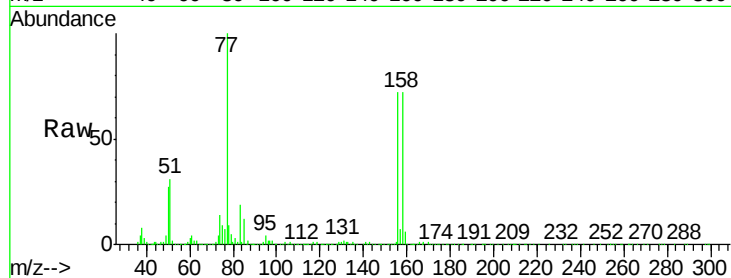
ClientSampleId :

VX0822WBS01

Tot Ion:	156	Resp:	89583
Ion Ratio	Lower	Upper	
156	100		
77	133.9	65.3	196.0
158	98.2	48.4	145.0

Manual Integrations
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#78

n-propylbenzene

Concen: 22.359 ug/l

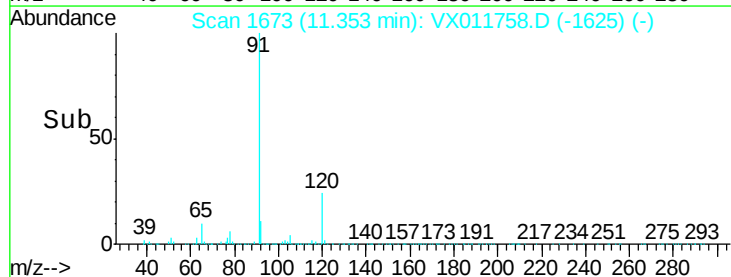
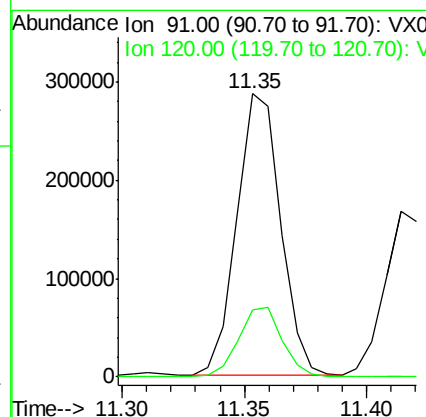
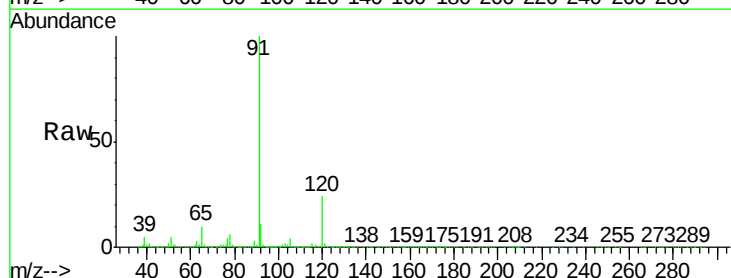
RT: 11.35 min Scan# 1673

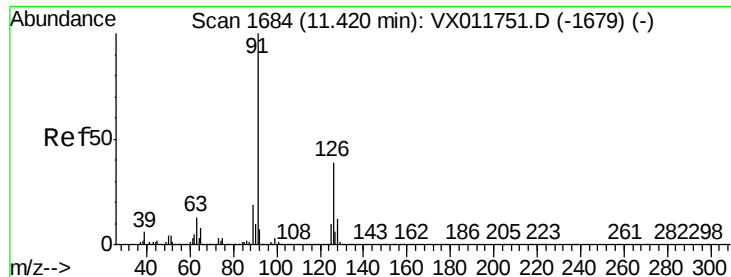
Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tgt Ion:	91	Resp:	357087
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.7	38.1





#79

2-Chlorotoluene

Concen: 21.603 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion: 91 Resp: 214647

Ion Ratio Lower Upper

91 100

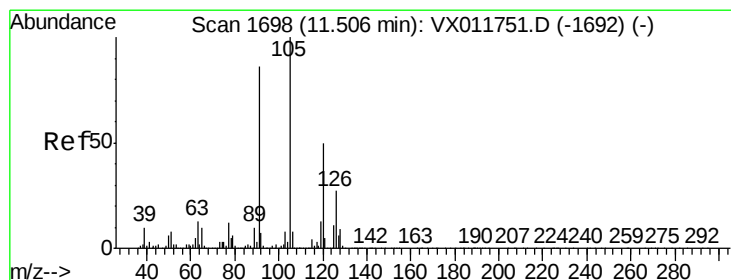
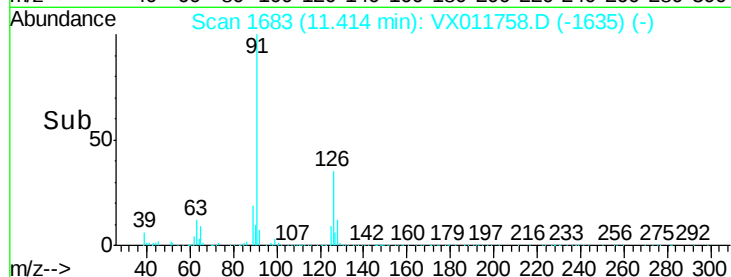
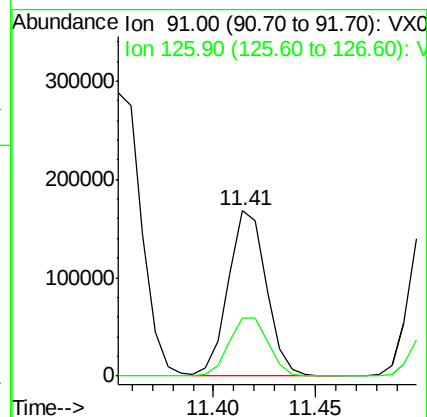
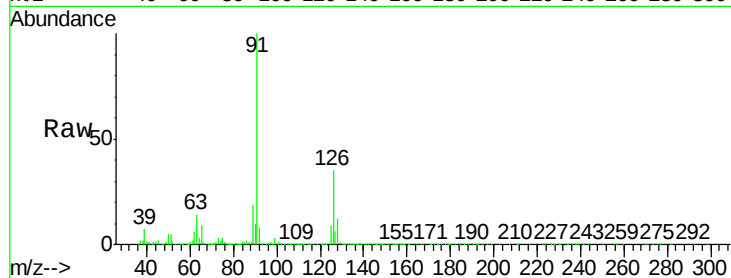
126 36.9 18.6 55.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.962 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. -0.01 min

Lab File: VX011758.D

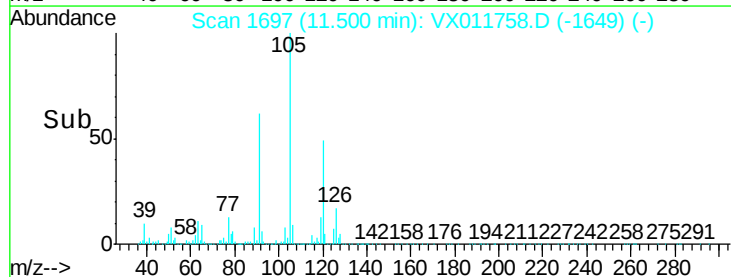
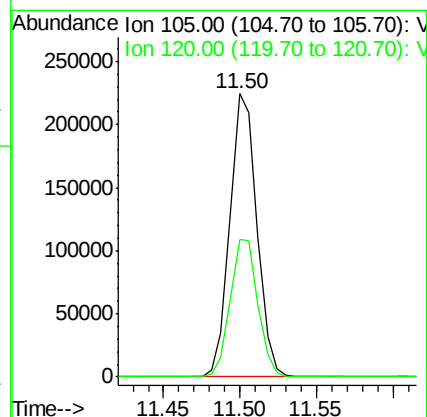
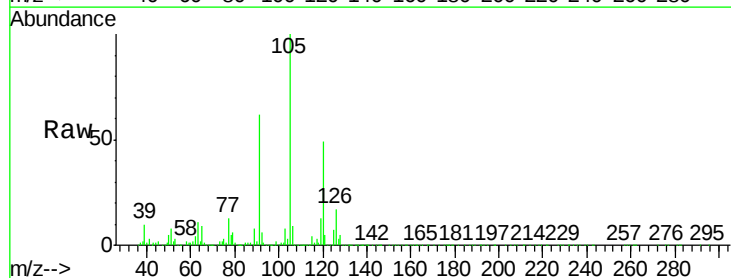
Acq: 22 Aug 2019 13:47

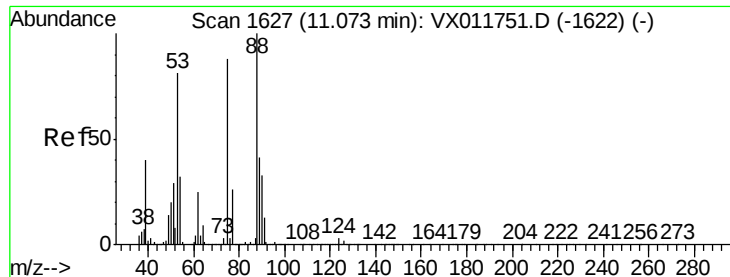
Tgt Ion:105 Resp: 273697

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.740 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

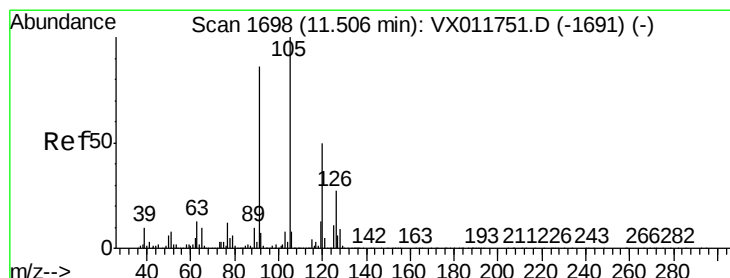
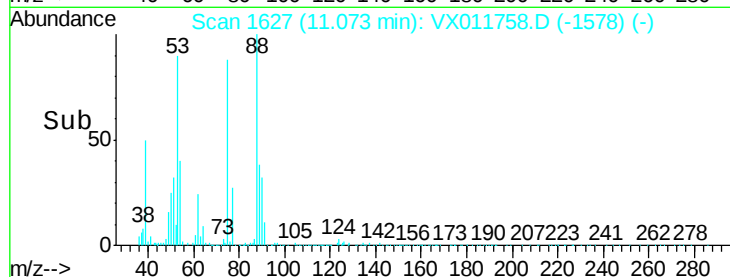
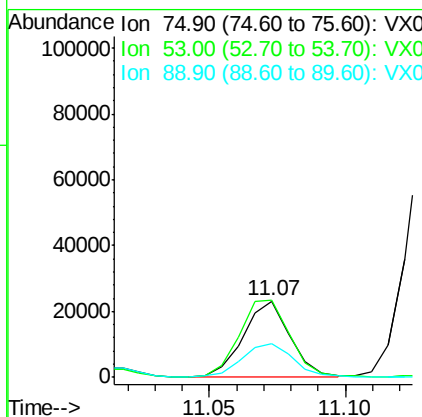
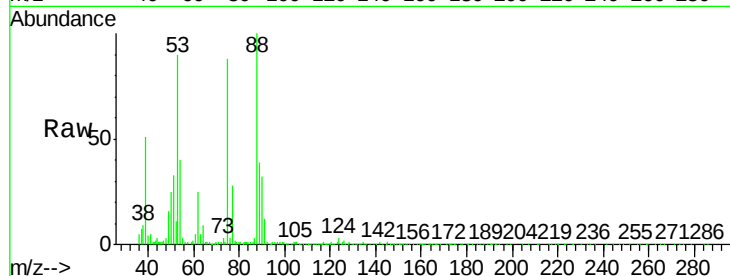
ClientSampleId :

VX0822WBS01

Tot Ion:	75	Resp:	27024
Ion	Ratio	Lower	Upper
75	100		
53	113.5	77.1	115.7
89	47.6	38.5	57.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.755 ug/l

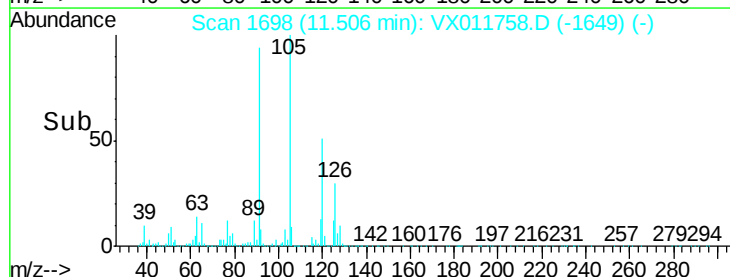
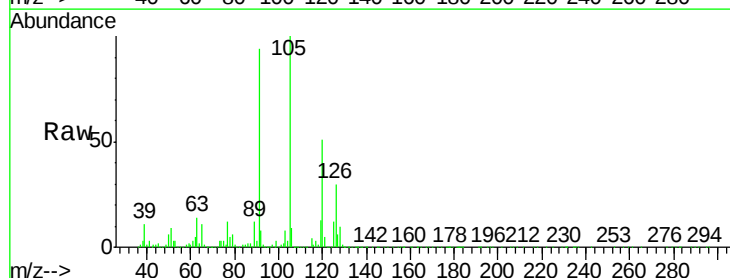
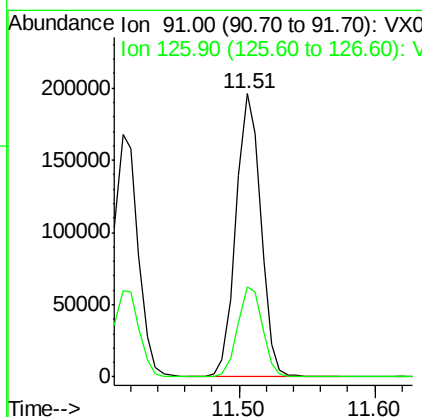
RT: 11.51 min Scan# 1698

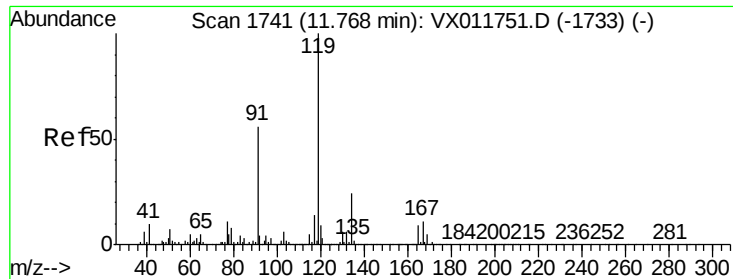
Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tgt Ion:	91	Resp:	249167
Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.2	48.6





#83

tert-Butylbenzene

Concen: 22.376 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

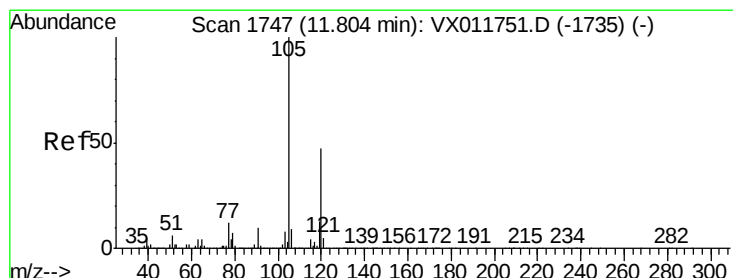
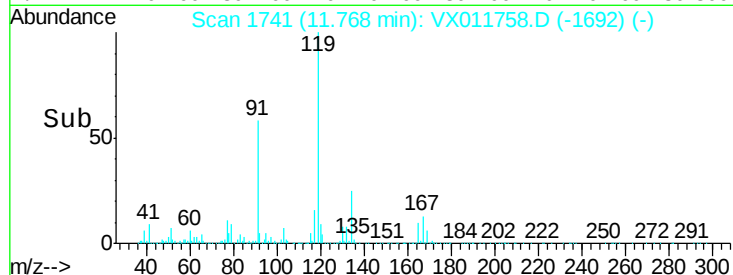
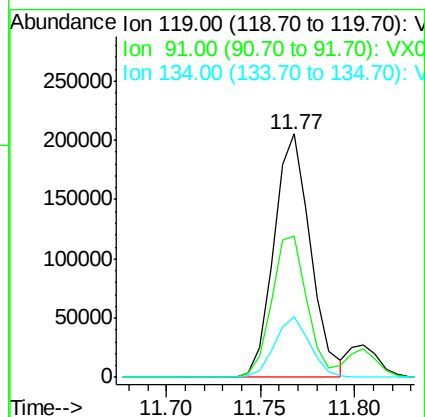
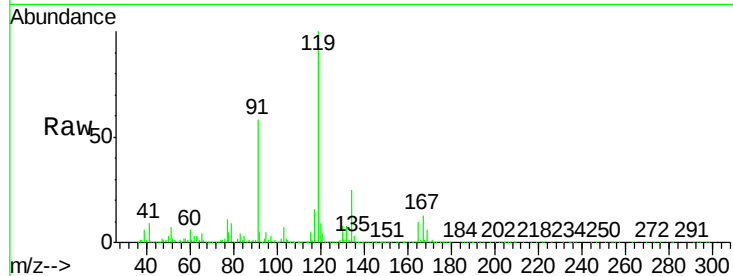
ClientSampleId :

VX0822WBS01

Tot Ion:	119	Resp:	275125
Ion Ratio	Lower	Upper	
119	100		
91	55.8	27.7	83.1
134	23.9	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 21.895 ug/l

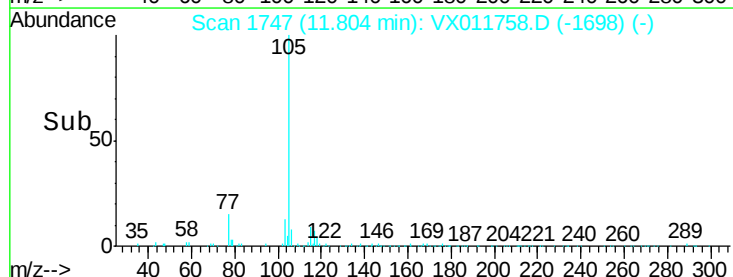
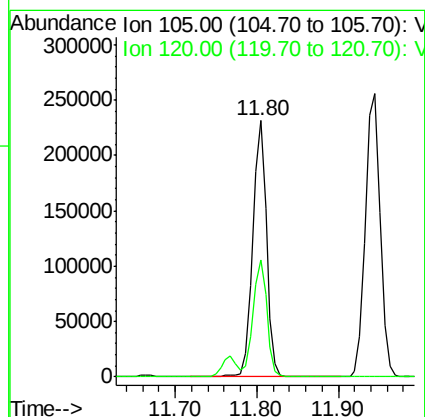
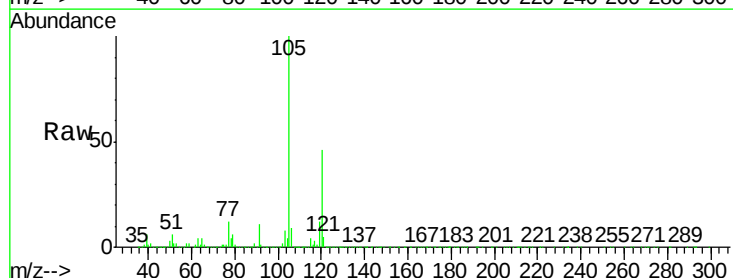
RT: 11.80 min Scan# 1747

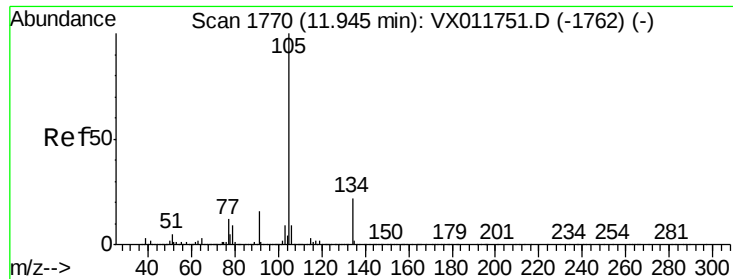
Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tgt Ion:	105	Resp:	275538
Ion Ratio	Lower	Upper	
105	100		
120	45.6	23.7	71.1





#85

sec-Butylbenzene

Concen: 22.400 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0822WBS01

Tot Ion:105 Resp: 315042

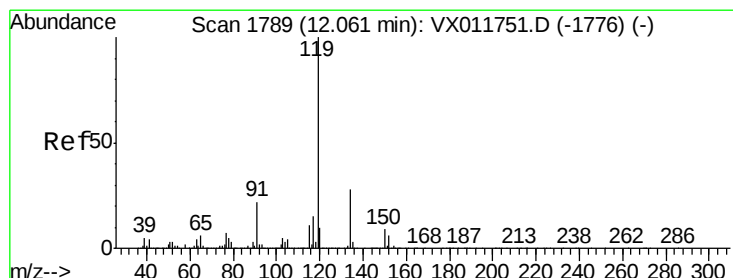
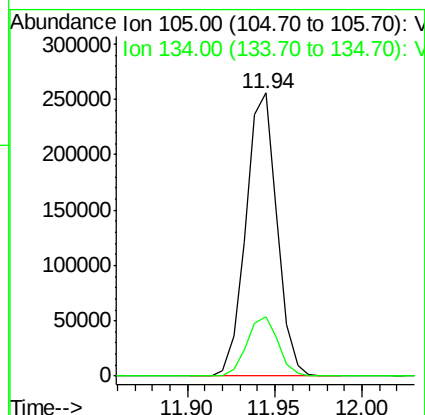
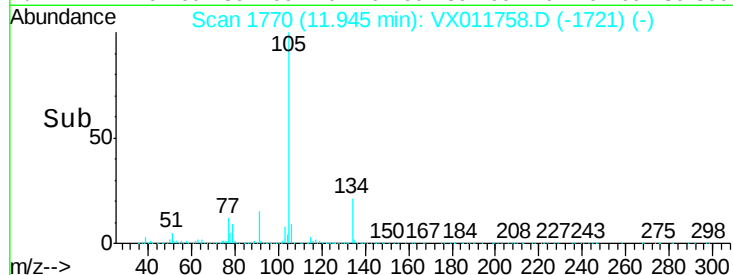
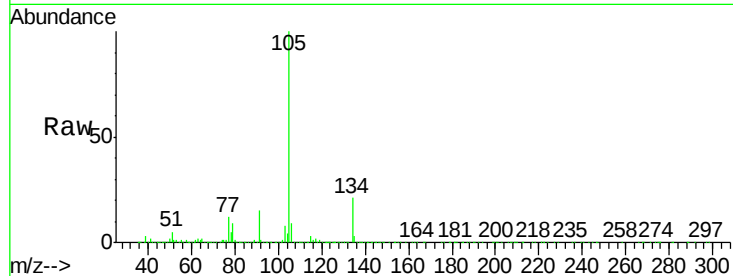
Ion Ratio Lower Upper

105 100

134 21.0 10.8 32.3

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 22.262 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

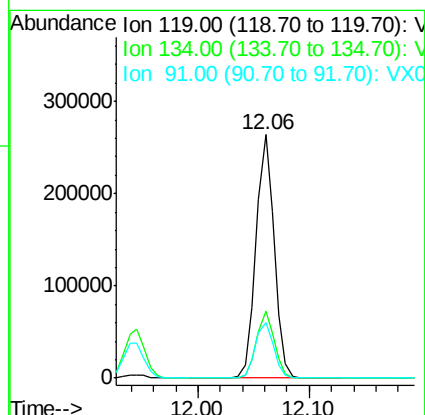
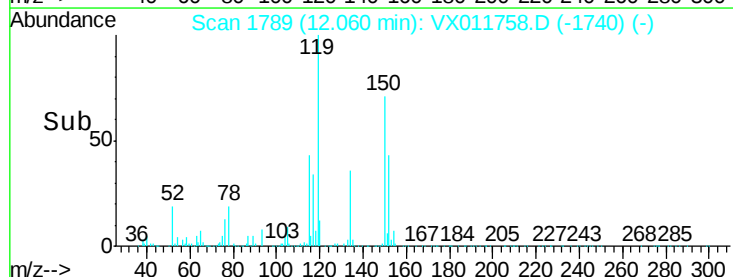
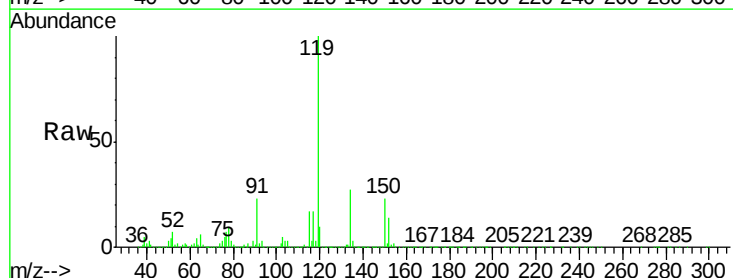
Tgt Ion:119 Resp: 301251

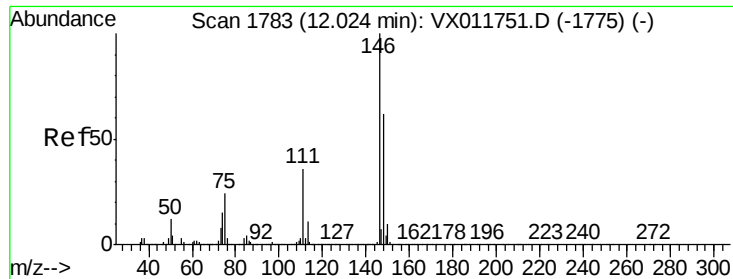
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

91 22.9 11.1 33.3





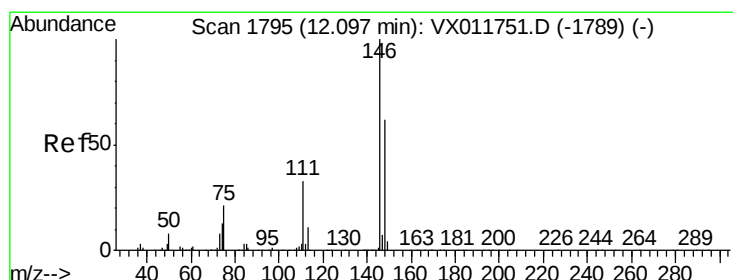
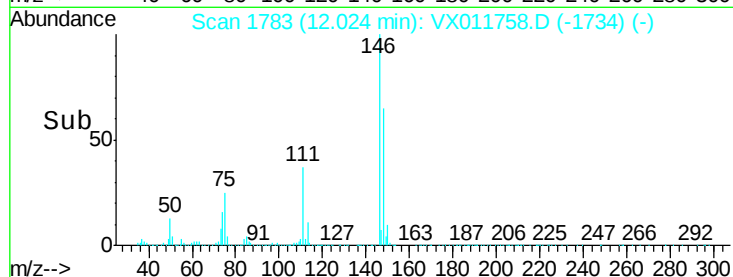
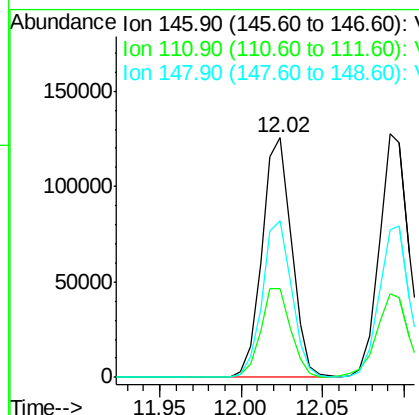
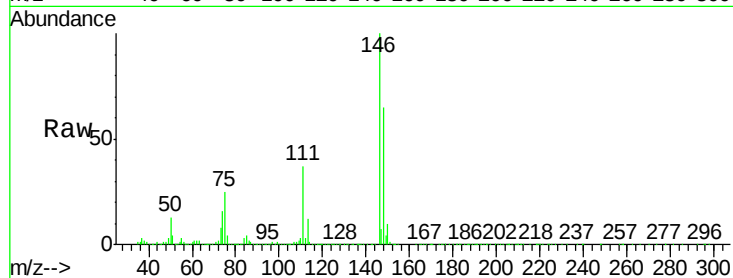
#87
 1,3-Dichlorobenzene
 Concen: 20.948 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011758.D
 Acq: 22 Aug 2019 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0822WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.4
148	64.9	31.6	94.7

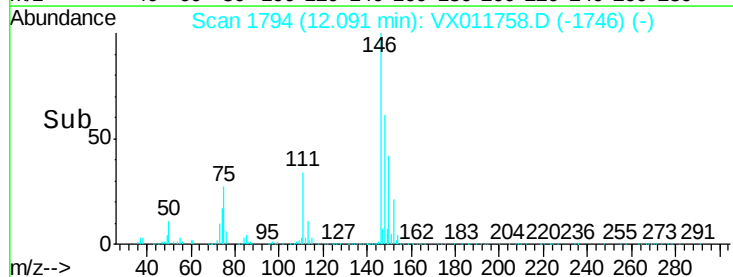
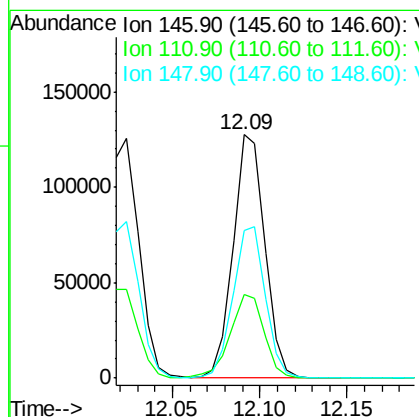
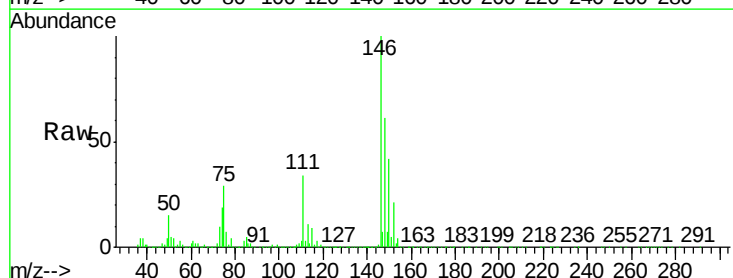
Manual Integrations
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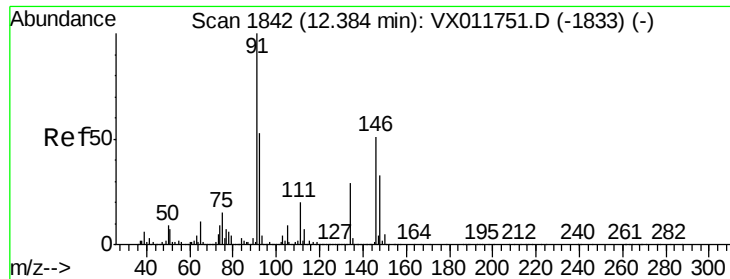
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#88
 1,4-Dichlorobenzene
 Concen: 20.932 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011758.D
 Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.8	53.4
148	63.6	31.9	95.7





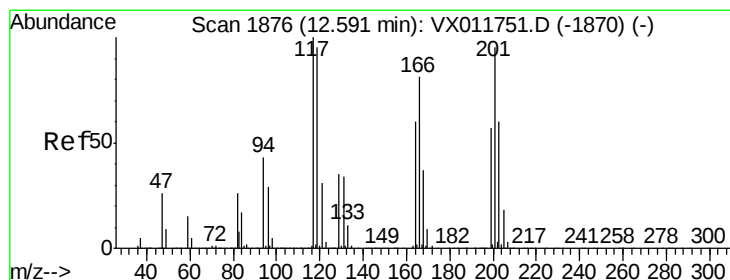
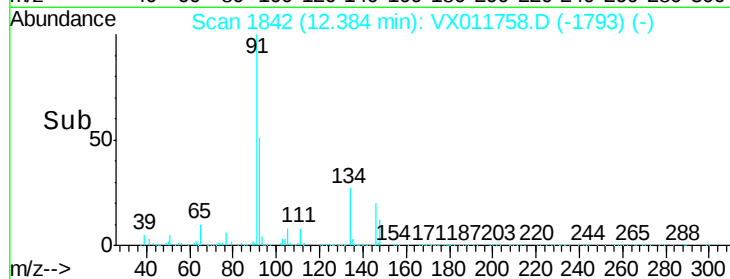
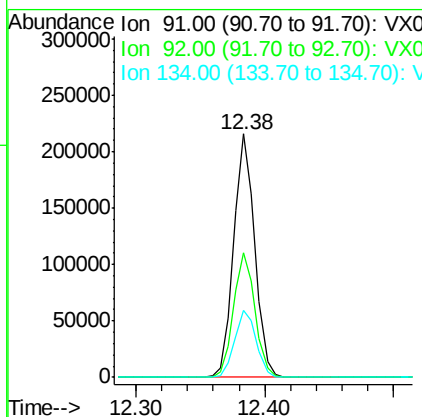
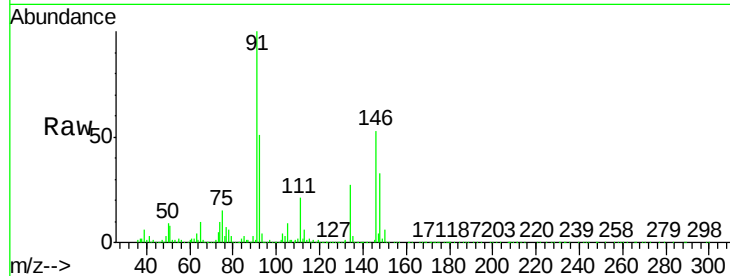
#89
n-Butylbenzene
Concen: 21.997 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.7	80.0
134	28.1	14.6	43.8

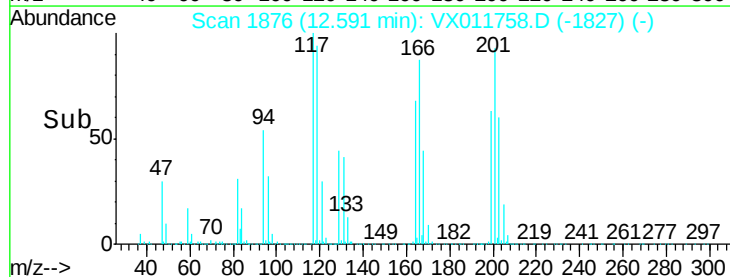
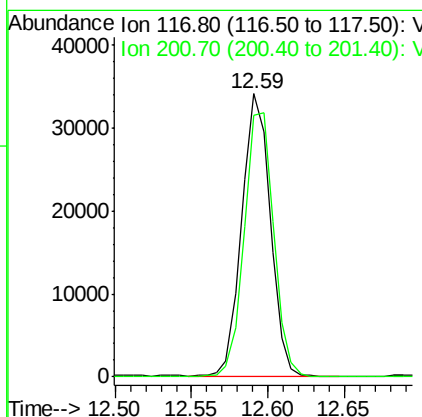
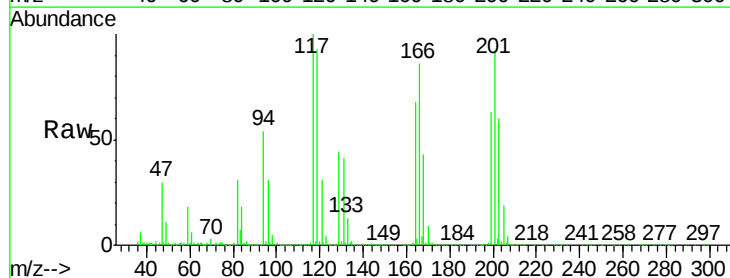
Manual Integrations
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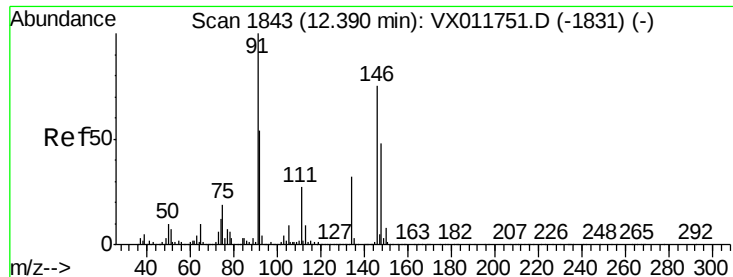
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#90
Hexachloroethane
Concen: 21.034 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.7	49.6	149.0





#91

1,2-Dichlorobenzene

Concen: 20.594 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

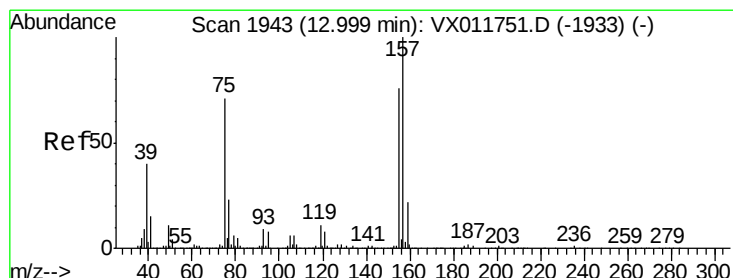
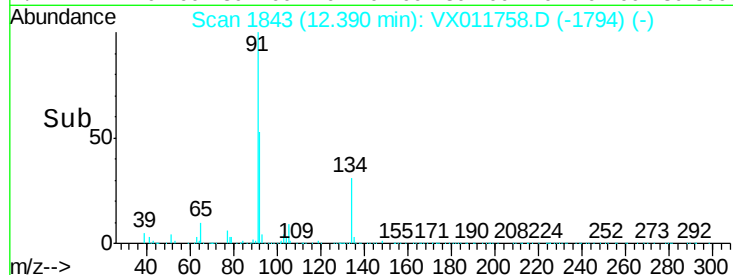
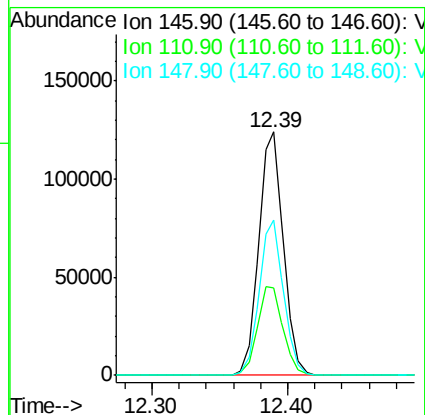
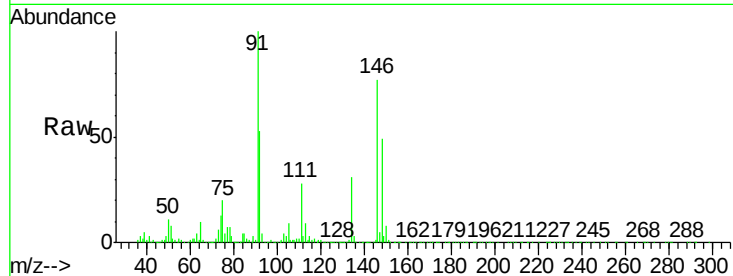
ClientSampleId :

VX0822WBS01

Tot Ion:	146	Resp:	157499
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.8	56.4
148	63.5	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.642 ug/l

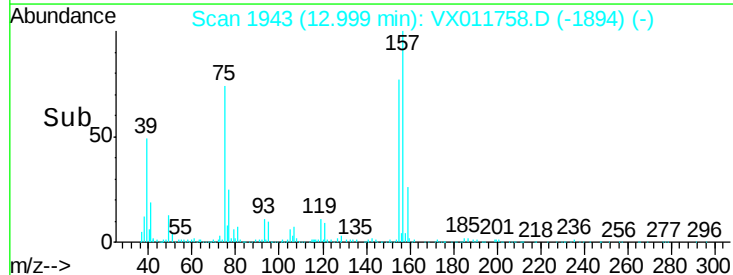
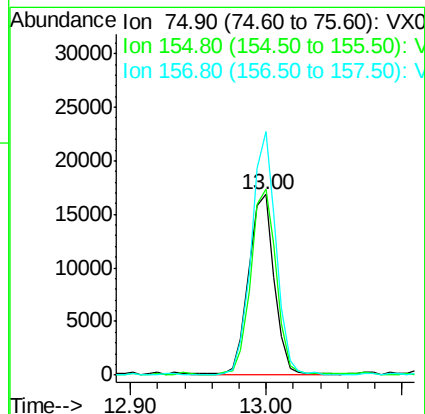
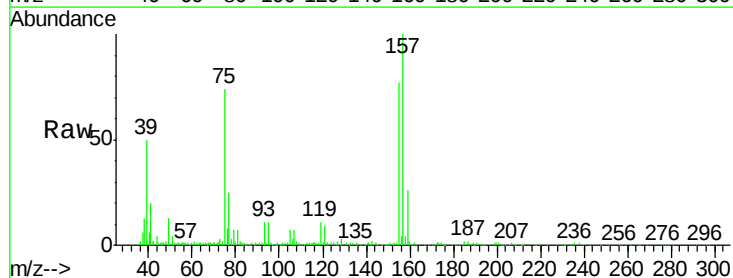
RT: 13.00 min Scan# 1943

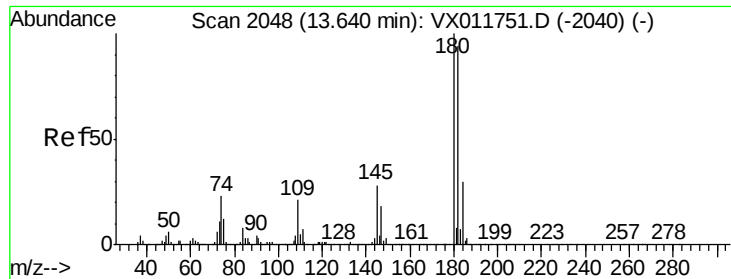
Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Tgt Ion:	75	Resp:	22572
Ion Ratio	Lower	Upper	
75	100		
155	102.0	52.6	157.9
157	128.2	68.3	204.9





#93

1,2,4-Trichlorobenzene

Concen: 20.368 ug/l

RT: 13.64 min Scan# 2048

Delta R.T. -0.00 min

Lab File: VX011758.D

Acq: 22 Aug 2019 13:47

Instrument :

MSVOA_X

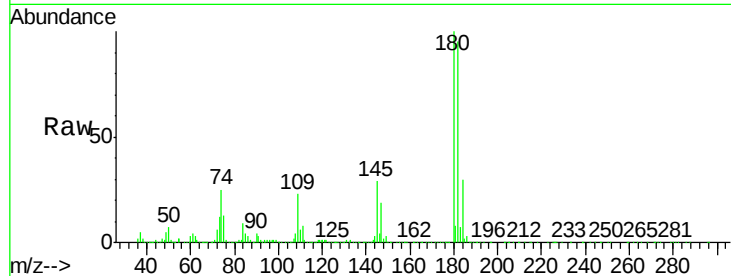
ClientSampleId :

VX0822WBS01

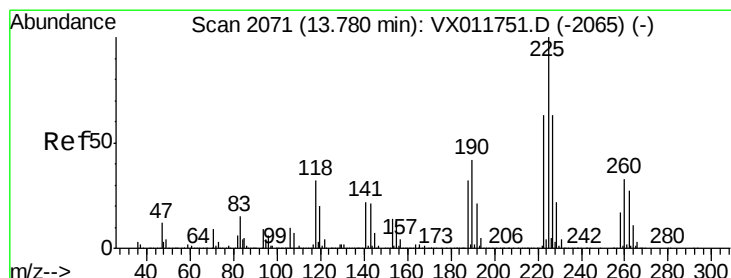
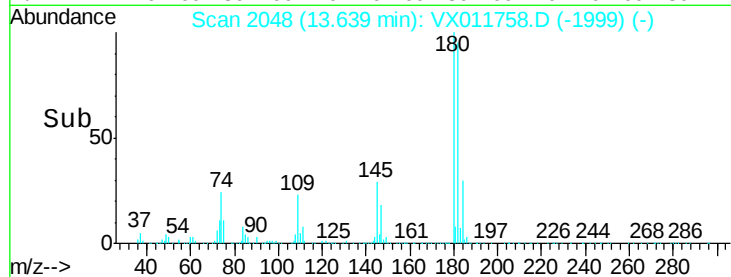
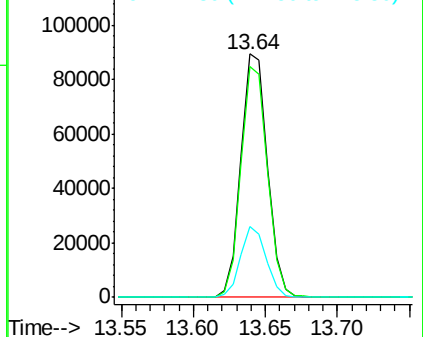
Tot Ion:	180	Resp:	114583
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.8	143.4
145	28.4	14.1	42.3

Manual Integrations
APPROVED

MMDadoda
8/23/2019 8:41:56 AM



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



#94

Hexachlorobutadiene

Concen: 20.578 ug/l

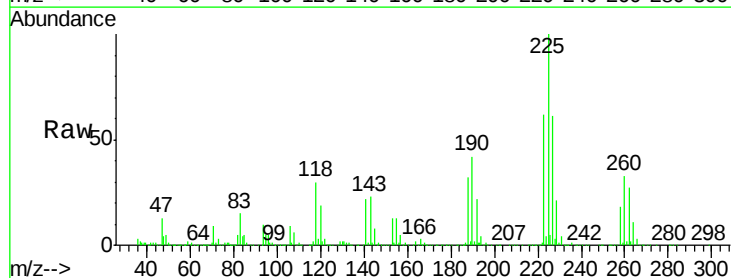
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

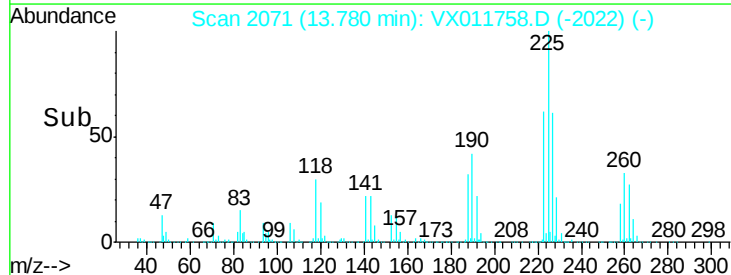
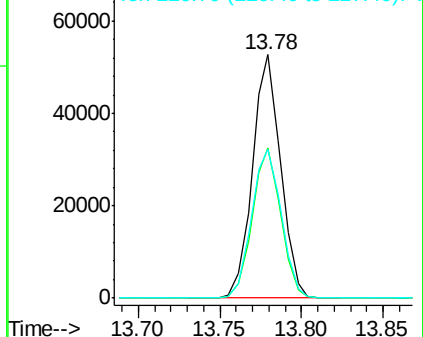
Lab File: VX011758.D

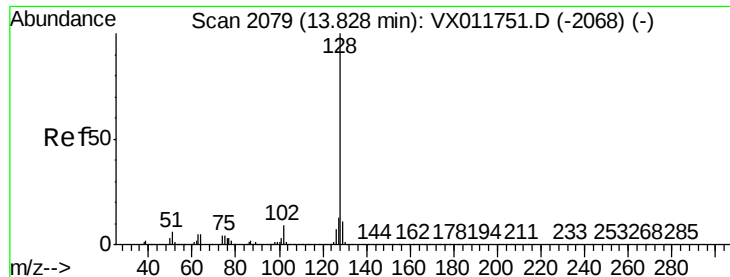
Acq: 22 Aug 2019 13:47

Tgt Ion:	225	Resp:	63436
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.0	93.0
227	64.6	31.8	95.3



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





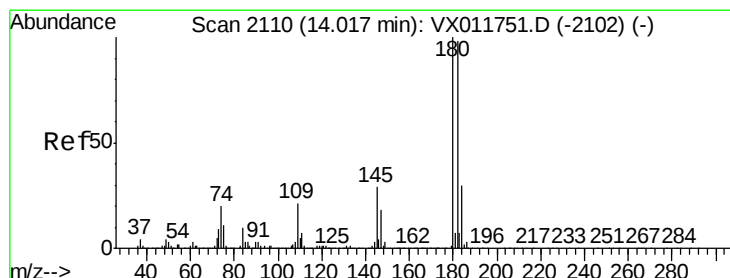
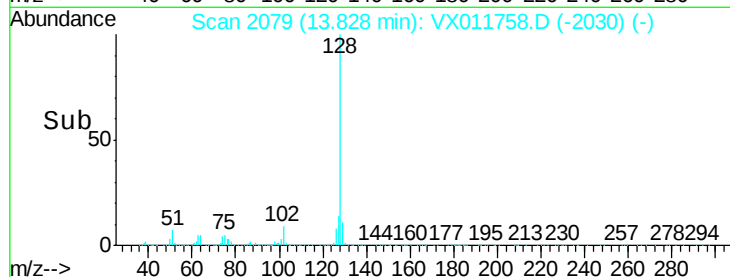
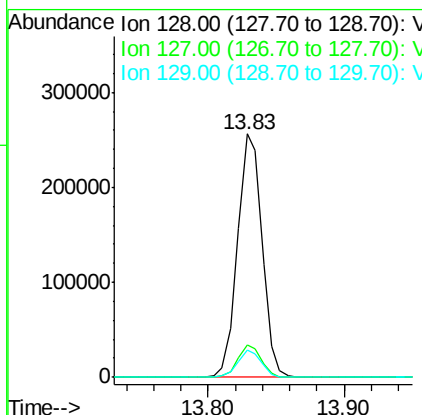
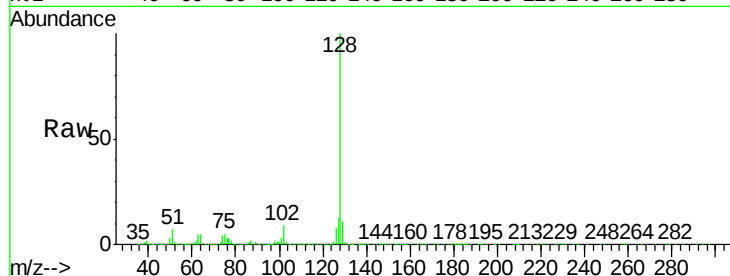
#95
Naphthalene
Concen: 20.693 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0822WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	320618		
127	13.1		10.4	15.6
129	10.5		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/23/2019 8:41:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.592 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011758.D
Acq: 22 Aug 2019 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	116315		
182	93.8		48.5	145.5
145	30.0		14.6	43.8

