

Data File : VX011623.D
Acq On : 19 Aug 2019 11:47
Operator : JC/SP
Sample : VX0819MBS01
Misc : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Manual Integrations
APPROVED

MMDadoda
8/20/2019 3:41:20 PM

Quant Time: Aug 20 10:10:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	344913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	469641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	429183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	232985	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	145198	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	5.49	113	136729	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
50) Toluene-d8	8.71	98	444326	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
62) 4-Bromofluorobenzene	11.13	95	184024	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	72550	21.399	ug/l	100
3) Chloromethane	1.32	50	63247	17.961	ug/l	97
4) Vinyl Chloride	1.40	62	63824	20.065	ug/l	97
5) Bromomethane	1.64	94	34630	24.297	ug/l	94
6) Chloroethane	1.71	64	32443	21.550	ug/l	99
7) Trichlorofluoromethane	1.92	101	91038	20.663	ug/l	97
8) Diethyl Ether	2.18	74	31003	20.513	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61603	20.243	ug/l	99
10) Methyl Iodide	2.50	142	81754	18.858	ug/l	99
11) Tert butyl alcohol	3.03	59	80745	102.898	ug/l	99
12) 1,1-Dichloroethene	2.37	96	59305	20.165	ug/l	94
13) Acrolein	2.29	56	20752	93.942	ug/l	96
14) Allyl chloride	2.72	41	99114	20.260	ug/l	99
15) Acrylonitrile	3.14	53	187776	104.554	ug/l	99
16) Acetone	2.43	43	164481	102.269	ug/l	100
17) Carbon Disulfide	2.56	76	138443	19.978	ug/l	99
18) Methyl Acetate	2.76	43	104970	21.045	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	204731	21.375	ug/l	98
20) Methylene Chloride	2.85	84	67026	19.848	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62213	19.962	ug/l	100
22) Diisopropyl ether	3.85	45	203661	20.904	ug/l	97
23) Vinyl Acetate	3.81	43	814989	105.636	ug/l	99
24) 1,1-Dichloroethane	3.69	63	111635	20.266	ug/l	99
25) 2-Butanone	4.67	43	260976	103.360	ug/l	98
26) 2,2-Dichloropropane	4.57	77	90187	21.753	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	73768	20.304	ug/l	98
28) Bromochloromethane	5.00	49	47421	19.611	ug/l	100
29) Tetrahydrofuran	5.12	42	169686	102.450	ug/l	98
30) Chloroform	5.20	83	120184	20.674	ug/l	98
31) Cyclohexane	5.57	56	97219	20.499	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	104794	20.964	ug/l	99
36) 1,1-Dichloropropene	5.79	75	83011	20.673	ug/l	98
37) Ethyl Acetate	4.82	43	98483	21.324	ug/l	99
38) Carbon Tetrachloride	5.78	117	91774	20.745	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97258	19.614	ug/l	97
40) Benzene	6.13	78	257121	20.606	ug/l	99
41) Methacrylonitrile	5.04	41	53444	21.026	ug/l	98
42) 1,2-Dichloroethane	6.18	62	92075	21.298	ug/l	99
43) Isopropyl Acetate	6.44	43	150473	20.877	ug/l	99
44) Trichloroethene	7.21	130	76185	20.581	ug/l	95
45) 1,2-Dichloropropane	7.51	63	66100	21.241	ug/l	93
46) Dibromomethane	7.66	93	46459	20.544	ug/l	99
47) Bromodichloromethane	7.89	83	86367	20.800	ug/l	99
48) Methyl methacrylate	7.76	41	75103	21.041	ug/l	99
49) 1,4-Dioxane	7.73	88	39343	414.418	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	506774	107.420	ug/l	99
52) Toluene	8.78	92	164928	20.747	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	90966	21.109	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	101418	21.505	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	69259	20.487	ug/l	97
56) Ethyl methacrylate	9.18	69	103437	21.052	ug/l	99
57) 1,3-Dichloropropane	9.37	76	112857	21.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	264128	107.886	ug/l	99
59) 2-Hexanone	9.49	43	387427	106.493	ug/l	100
60) Dibromochloromethane	9.58	129	75764	21.510	ug/l	99
61) 1,2-Dibromoethane	9.67	107	74824	20.739	ug/l	99
64) Tetrachloroethene	9.34	164	75334	21.393	ug/l	95
65) Chlorobenzene	10.13	112	187483	20.481	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	71351	20.854	ug/l	98
67) Ethyl Benzene	10.25	91	314754	20.603	ug/l	99
68) m/p-Xylenes	10.35	106	245278	41.826	ug/l	98
69) o-Xylene	10.69	106	119361	20.779	ug/l	99
70) Styrene	10.71	104	201952	20.884	ug/l	98
71) Bromoform	10.85	173	60424	20.268	ug/l #	99
73) Isopropylbenzene	11.02	105	321186	21.245	ug/l	99
74) N-amyl acetate	10.90	43	125788	19.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	107416	20.654	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	92584m	20.956	ug/l	
77) Bromobenzene	11.25	156	93698	20.832	ug/l	99
78) n-propylbenzene	11.35	91	346955	21.283	ug/l	100
79) 2-Chlorotoluene	11.41	91	211642	21.143	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	271355	21.367	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29888	21.168	ug/l	96
82) 4-Chlorotoluene	11.51	91	245153	21.110	ug/l	100
83) tert-Butylbenzene	11.77	119	274615	21.231	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	276580	21.693	ug/l	100
85) sec-Butylbenzene	11.94	105	307633	21.081	ug/l	100
86) p-Isopropyltoluene	12.06	119	296429	21.592	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	159808	20.670	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	161227	20.576	ug/l	100
89) n-Butylbenzene	12.38	91	235661	20.879	ug/l	99
90) Hexachloroethane	12.59	117	43791	20.199	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	159692	20.577	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23444	19.704	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081919\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	106575	18.430	ug/l	98
94) Hexachlorobutadiene	13.78	225	61289	19.465	ug/l	98
95) Naphthalene	13.83	128	350814	21.460	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	122693	21.036	ug/l	100

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

Data File : VX011623.D

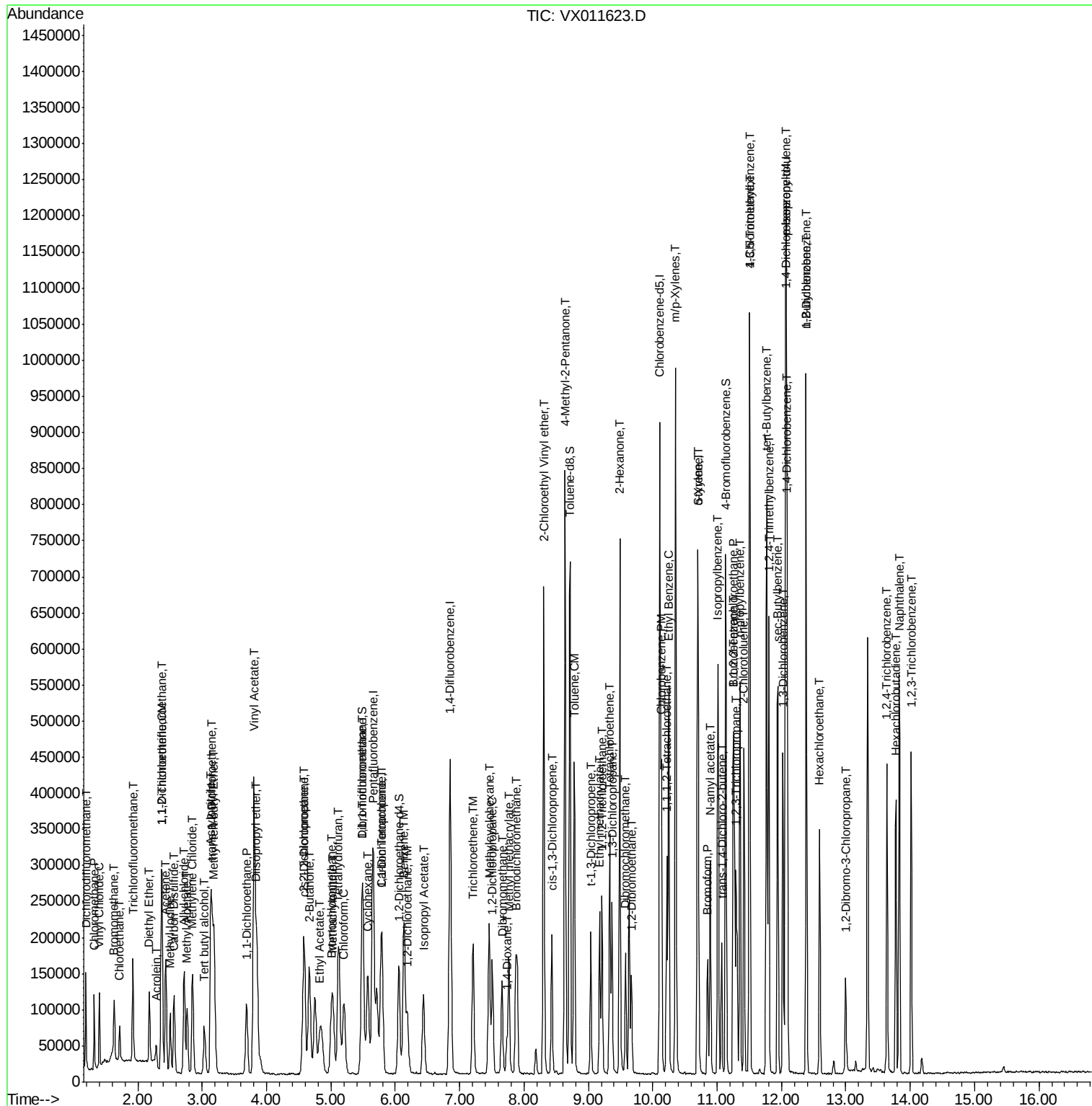
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Acq On       : 19 Aug 2019  11:47
Operator     : JC/SP
Sample       : VX0819MBS01
Misc         : 5.0g/10mL/100uL/10mL/MSVOA_X/MEOH
ALS Vial     : 6      Sample Multiplier: 1
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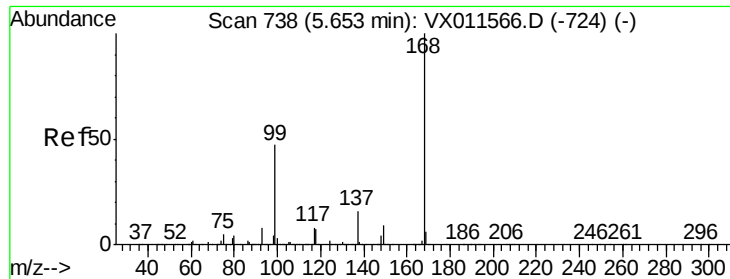
Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Manual Integrations APPROVED

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 168 Resp: 344913

Ion Ratio Lower Upper

168 100

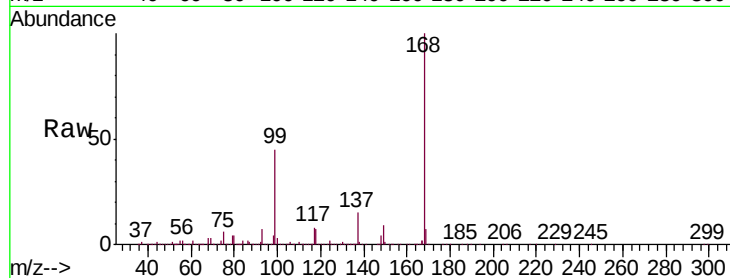
99 44.2 37.3 55.9

Manual Integrations

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8/20/2019 3:41:20 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

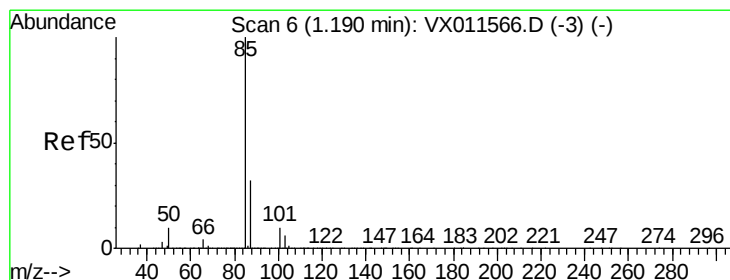
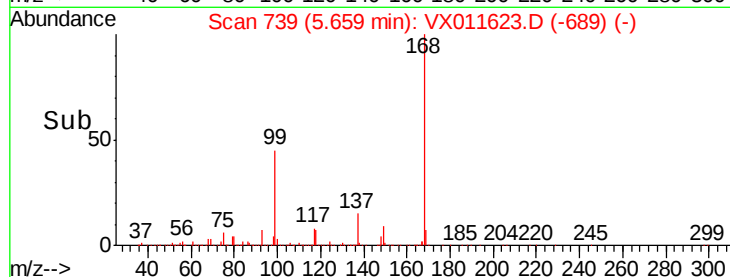
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.399 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011623.D

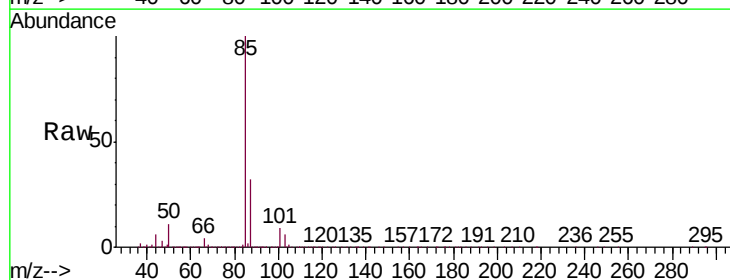
Acq: 19 Aug 2019 11:47

Tgt Ion: 85 Resp: 72550

Ion Ratio Lower Upper

85 100

87 32.0 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

80000

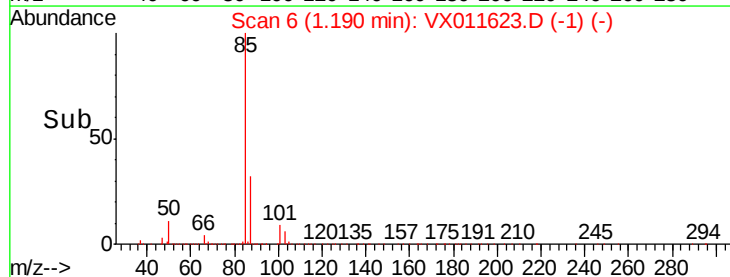
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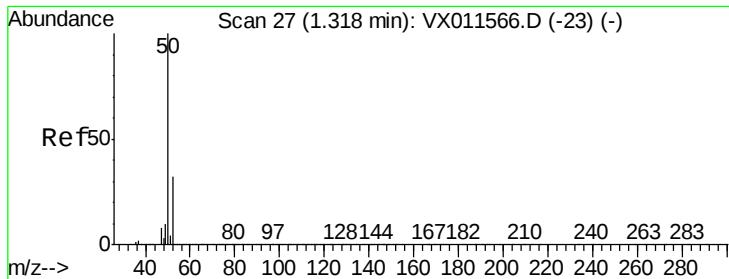
40000

20000

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Time-->





#3

Chloromethane

Concen: 17.961 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 50 Resp: 63247

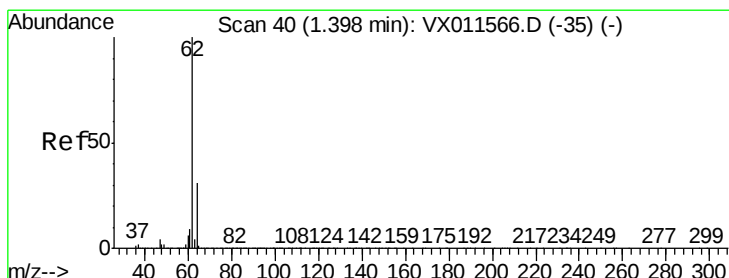
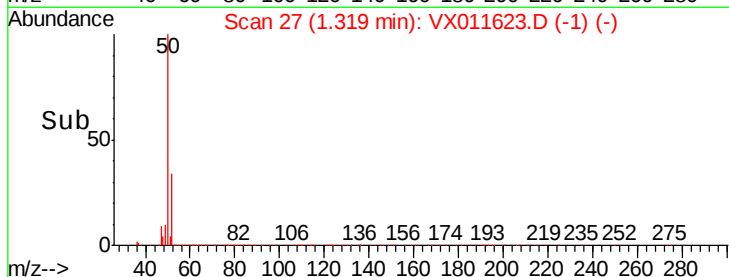
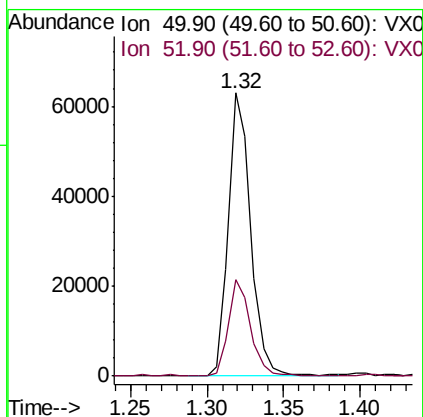
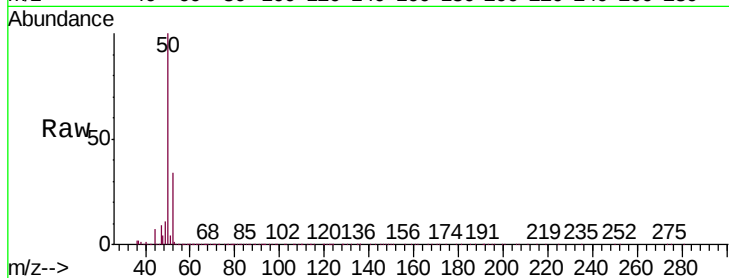
Ion Ratio Lower Upper

50 100

52 34.2 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.065 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011623.D

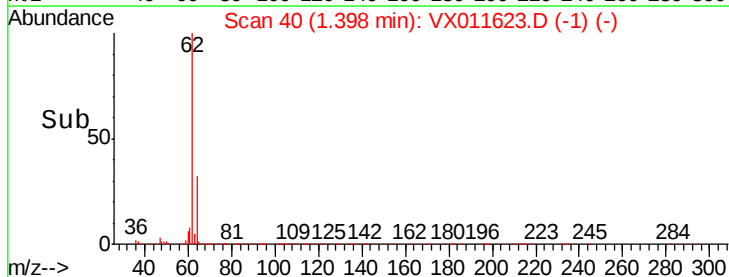
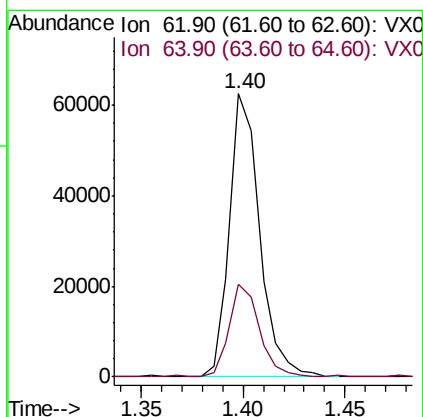
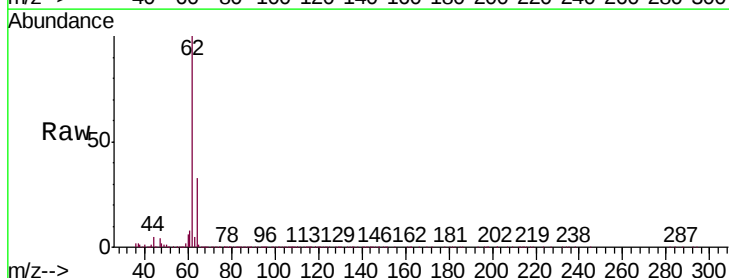
Acq: 19 Aug 2019 11:47

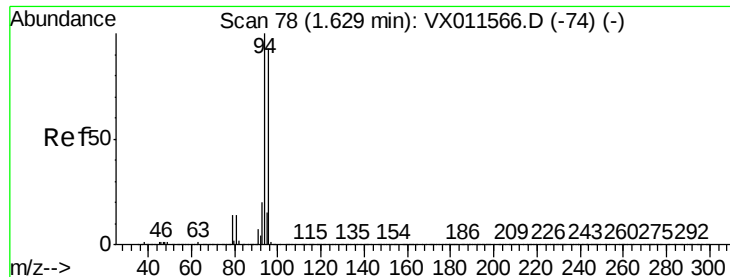
Tgt Ion: 62 Resp: 63824

Ion Ratio Lower Upper

62 100

64 32.6 25.0 37.4





#5

Bromomethane

Concen: 24.297 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 94 Resp: 34630

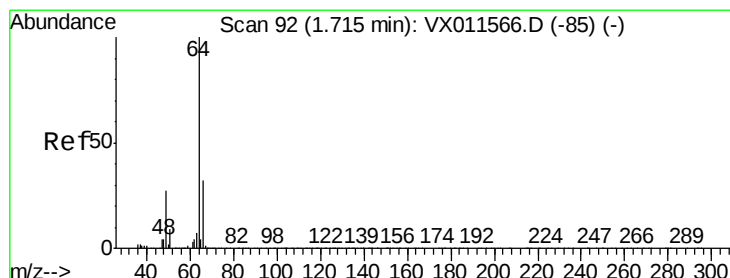
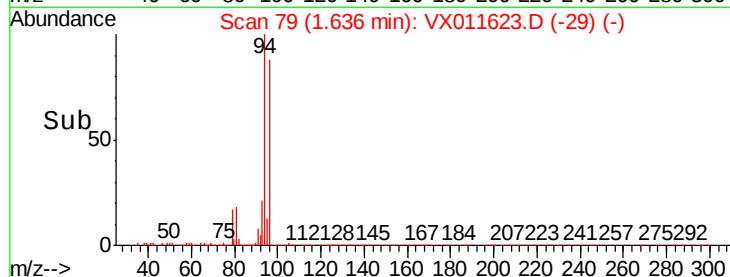
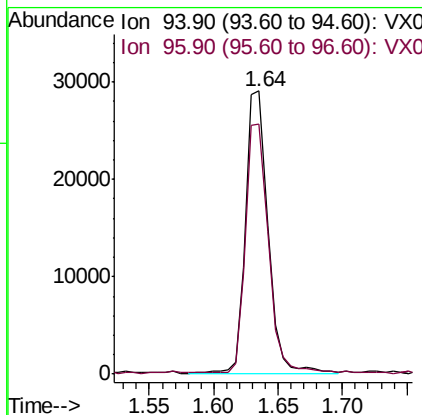
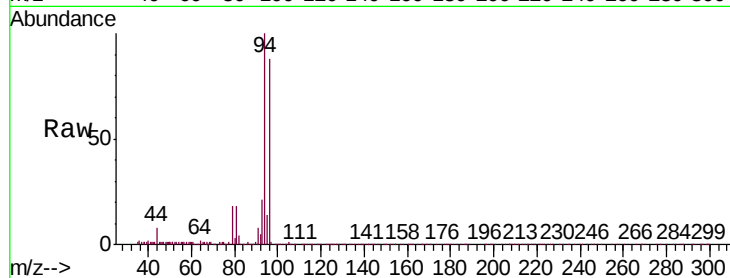
Ion Ratio Lower Upper

94 100

96 88.1 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 21.550 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011623.D

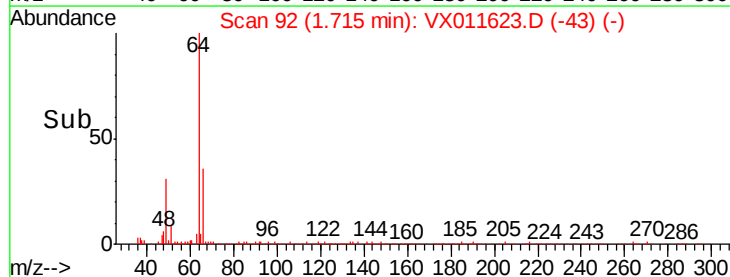
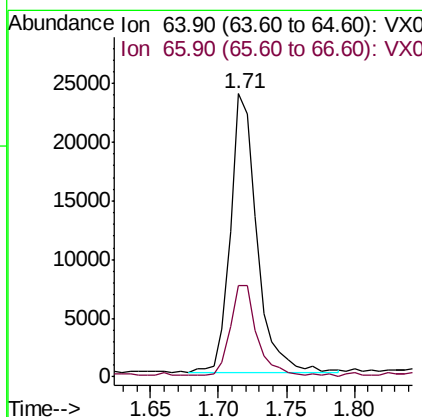
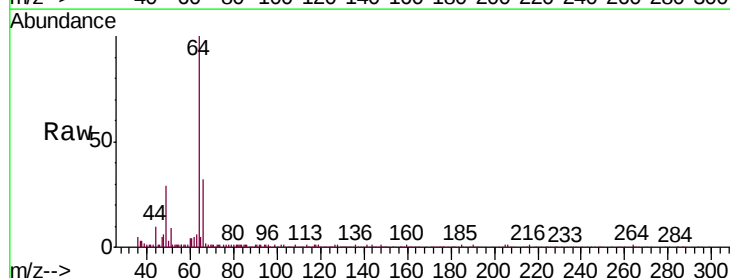
Acq: 19 Aug 2019 11:47

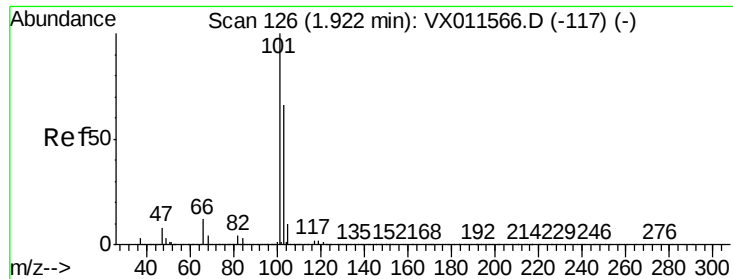
Tgt Ion: 64 Resp: 32443

Ion Ratio Lower Upper

64 100

66 32.2 25.3 37.9





#7

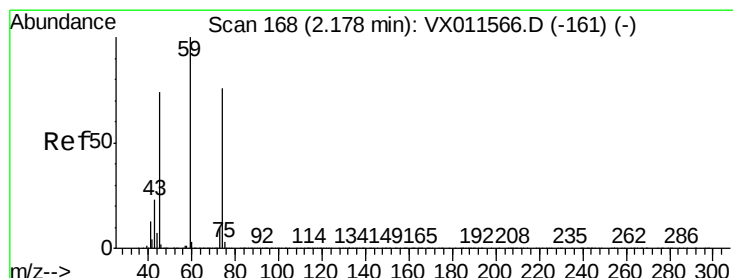
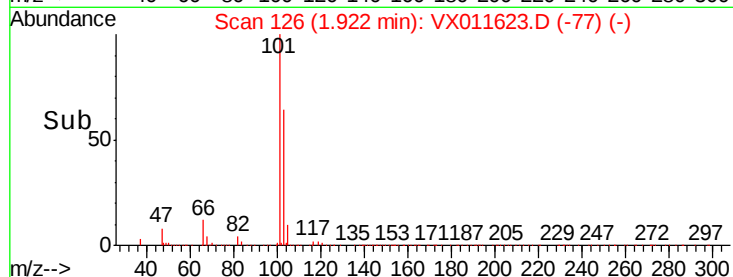
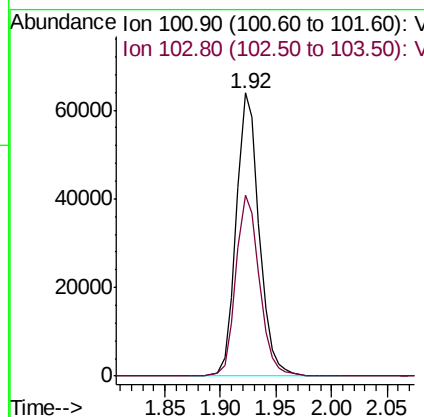
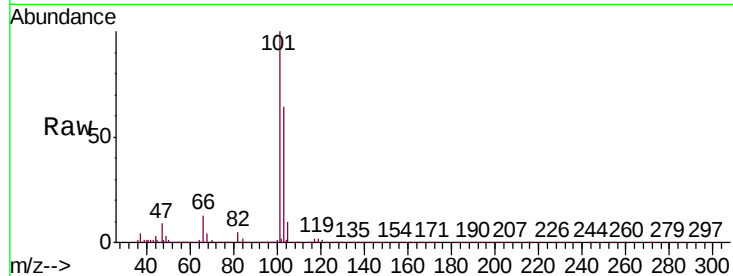
Trichlorofluoromethane
Concen: 20.663 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.9	79.3

Manual Integrations
APPROVED

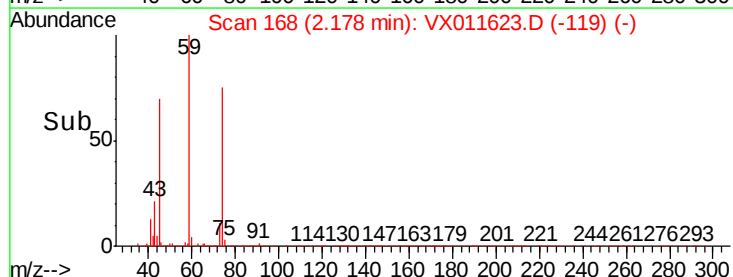
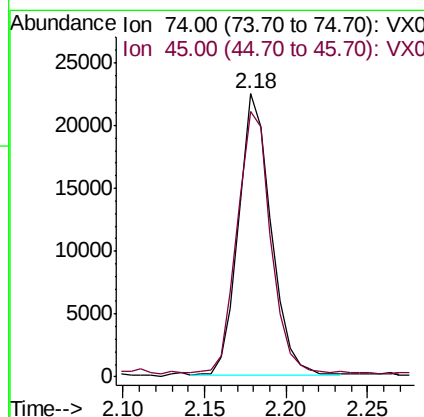
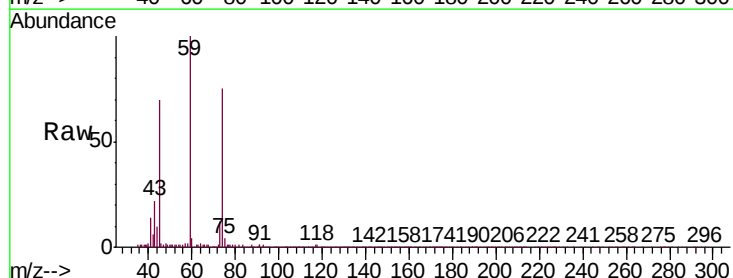
MMDadoda
8/20/2019 3:41:20 PM

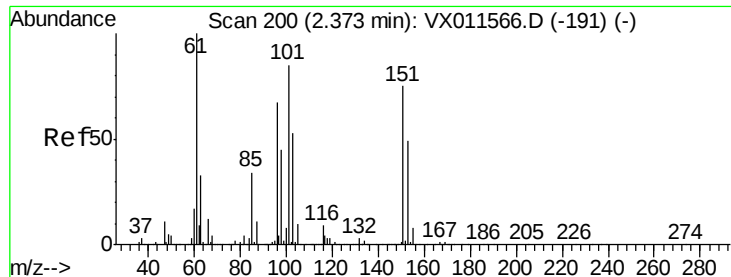


#8

Diethyl Ether
Concen: 20.513 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011623.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.2	144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.243 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

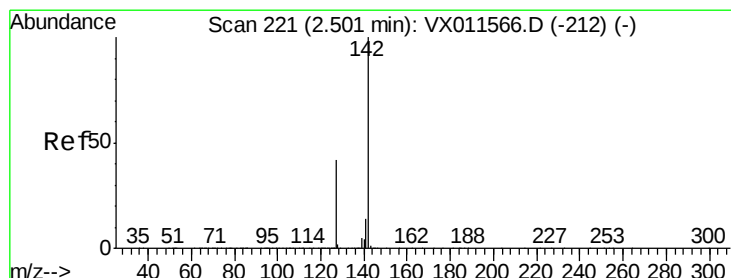
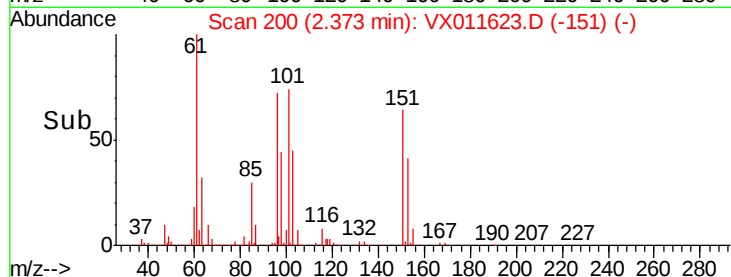
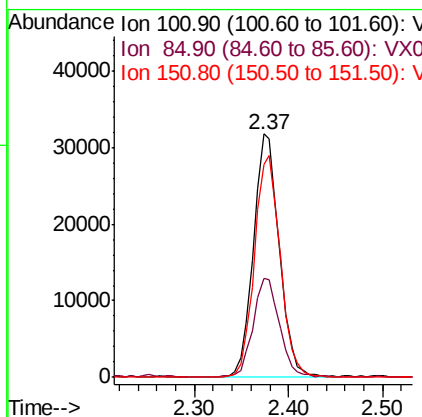
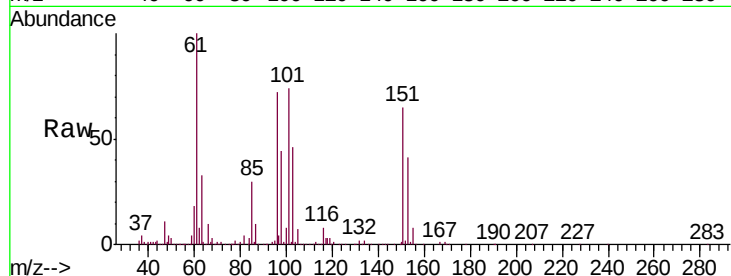
ClientSampleId :

VX0819MBS01

Tgt Ion:	101	Resp:	61603
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.0	49.4
151	91.1	73.3	109.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.858 ug/l

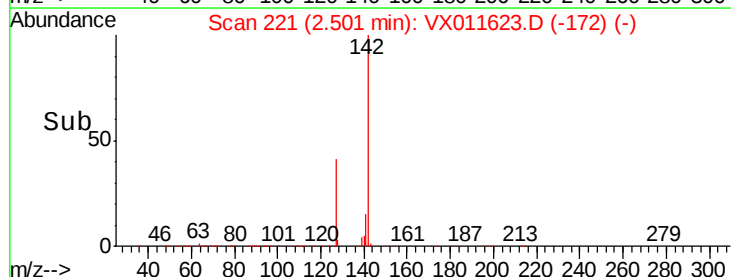
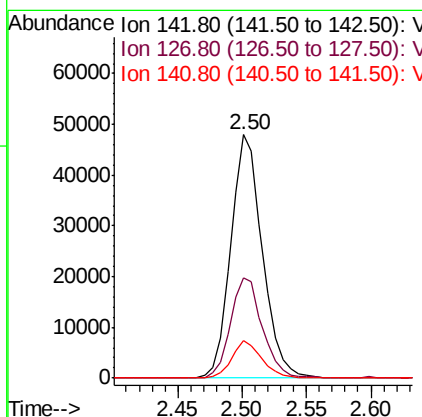
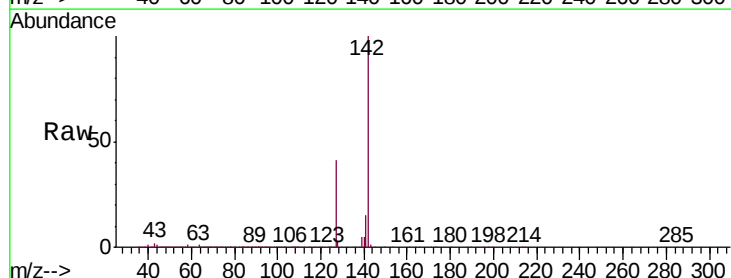
RT: 2.50 min Scan# 221

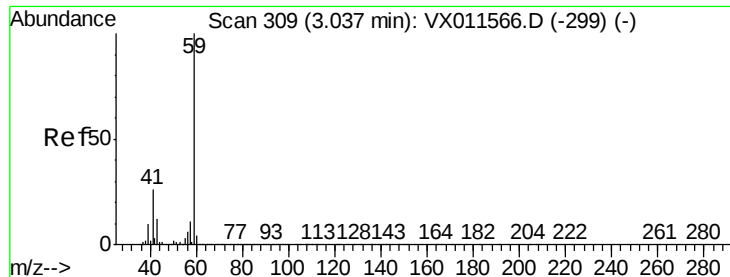
Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Tgt Ion:	142	Resp:	81754
Ion Ratio	Lower	Upper	
142	100		
127	41.9	32.8	49.2
141	14.9	11.4	17.2





#11

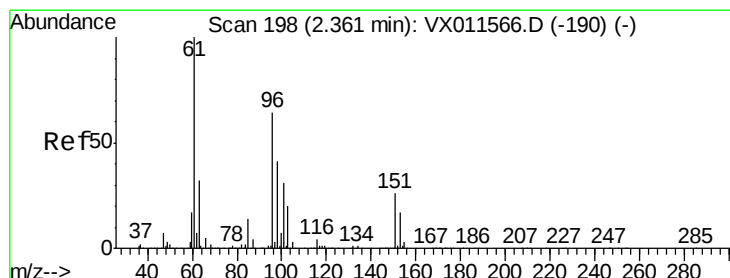
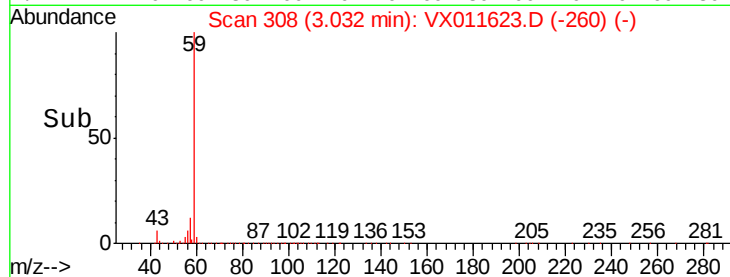
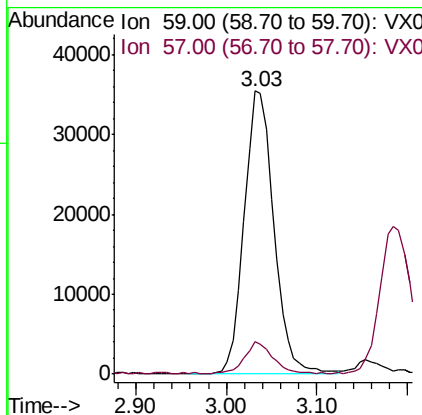
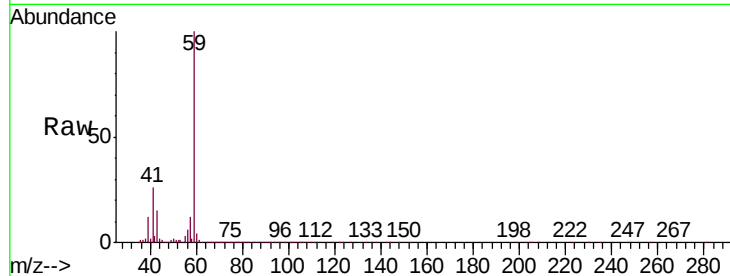
Tert butyl alcohol
Concen: 102.898 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion: 59 Resp: 80745
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
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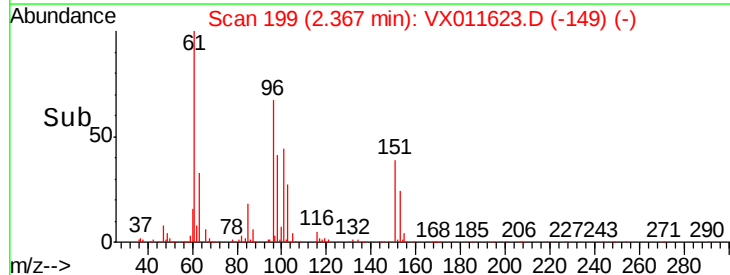
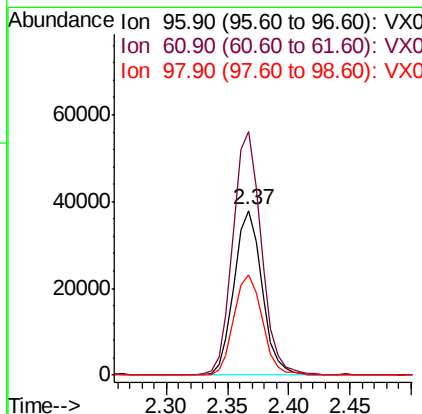
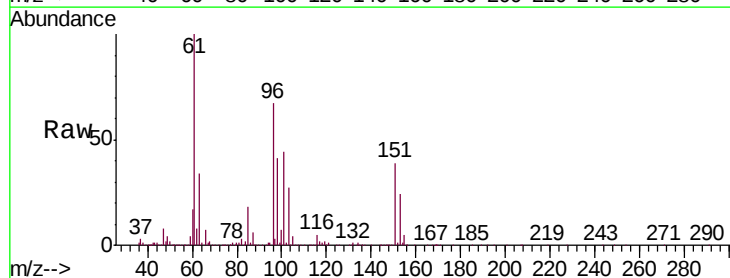
MMDadoda
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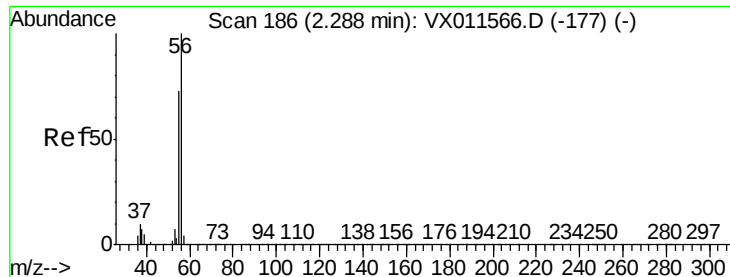


#12

1,1-Dichloroethene
Concen: 20.165 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion: 96 Resp: 59305
Ion Ratio Lower Upper
96 100
61 148.3 125.0 187.4
98 61.1 51.5 77.3





#13

Acrolein

Concen: 93.942 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 56 Resp: 20752

Ion Ratio Lower Upper

56 100

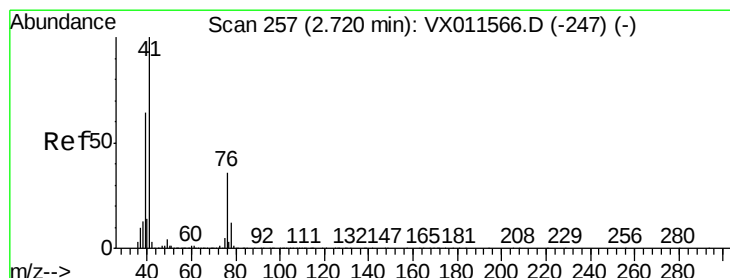
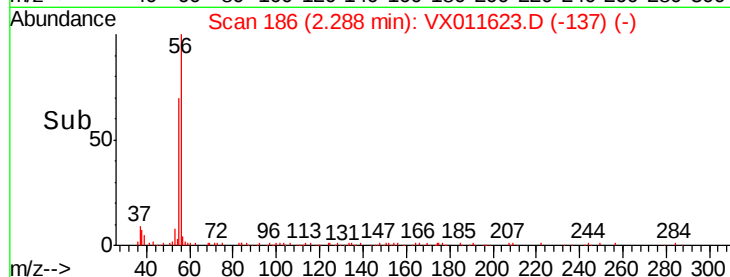
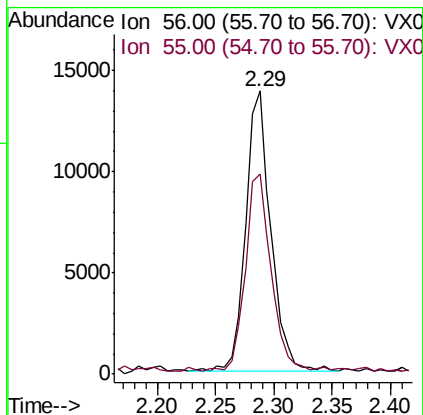
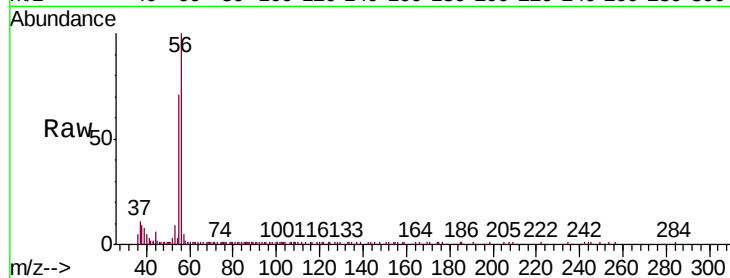
55 72.8 55.5 83.3

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 20.260 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

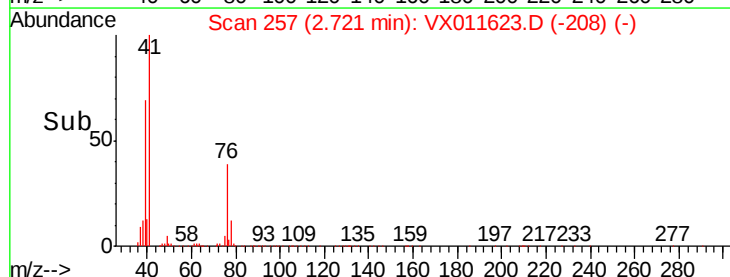
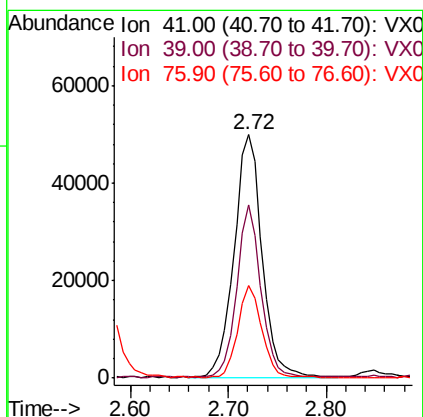
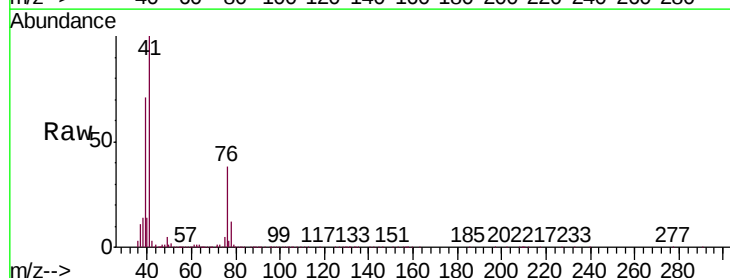
Tgt Ion: 41 Resp: 99114

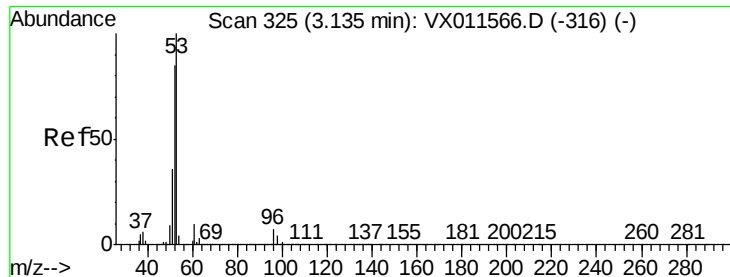
Ion Ratio Lower Upper

41 100

39 60.9 47.5 71.3

76 33.0 26.3 39.5





#15

Acrylonitrile

Concen: 104.554 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

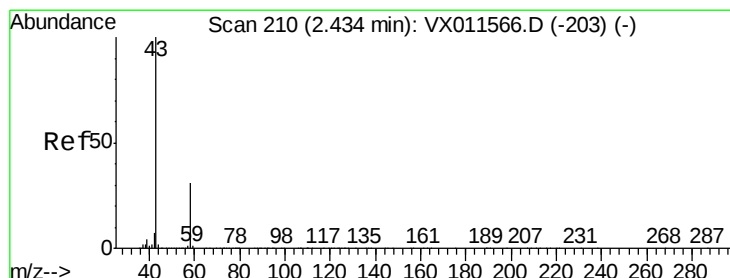
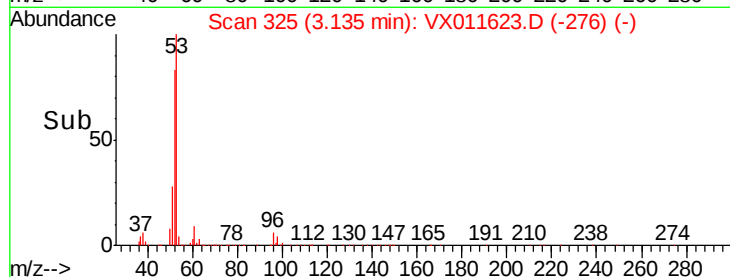
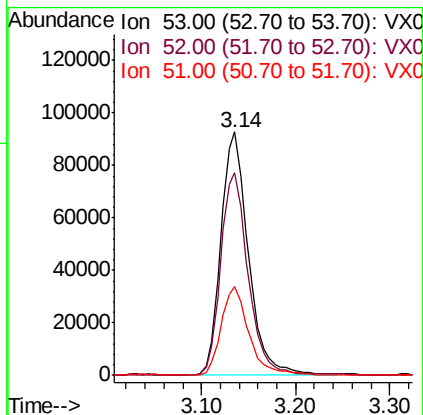
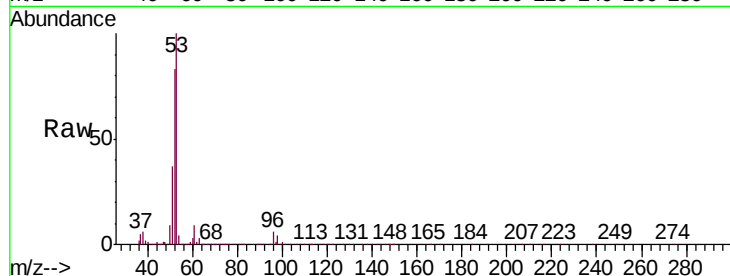
ClientSampleId :

VX0819MBS01

Tgt Ion:	53	Resp:	187776
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.7	100.1
51	36.6	28.7	43.1

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 102.269 ug/l

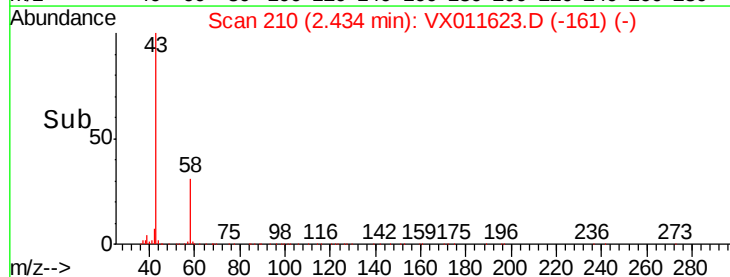
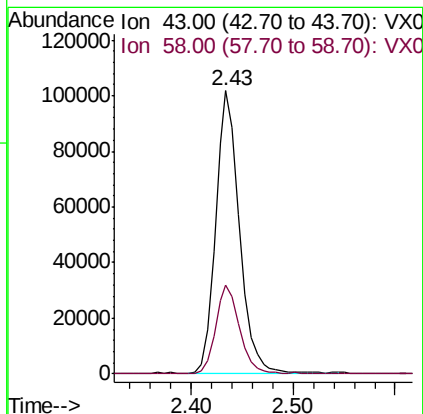
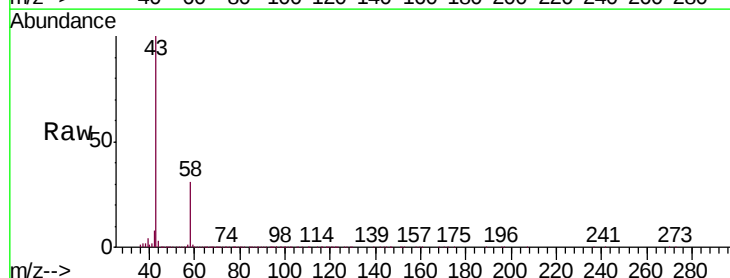
RT: 2.43 min Scan# 210

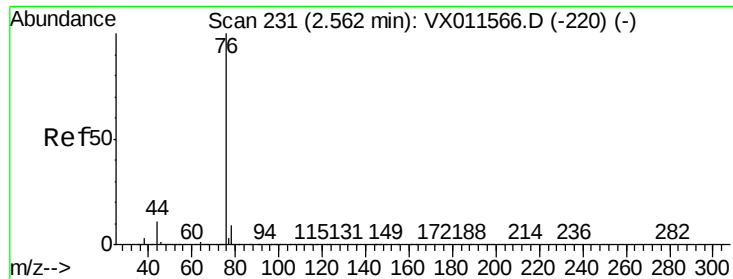
Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Tgt Ion:	43	Resp:	164481
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.2	37.8





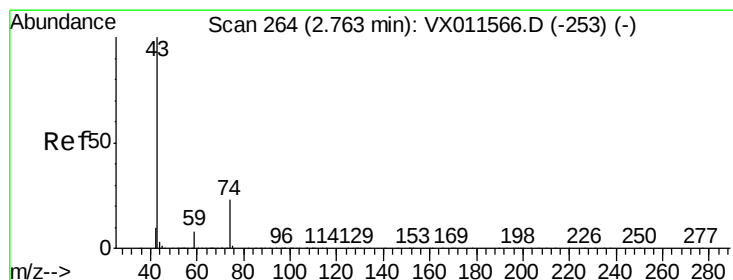
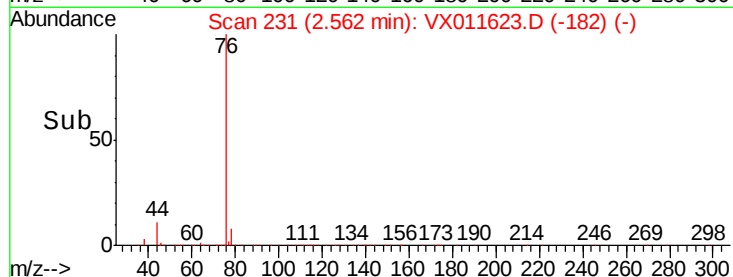
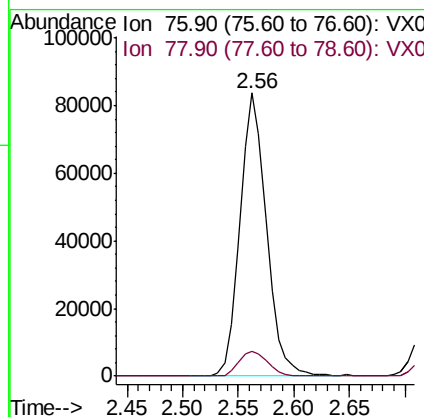
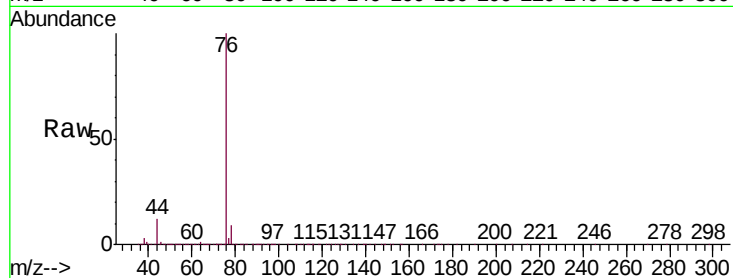
#17
Carbon Disulfide
Concen: 19.978 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion: 76 Resp: 138443
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

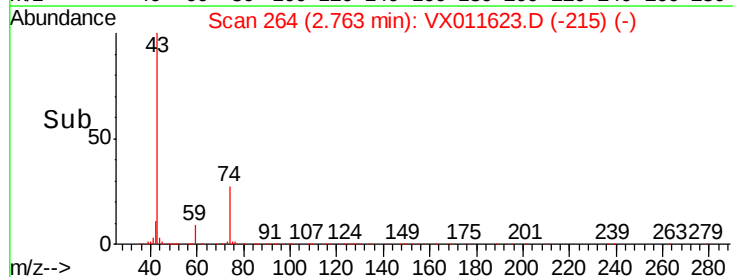
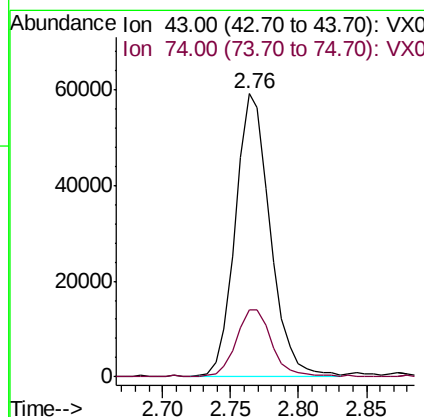
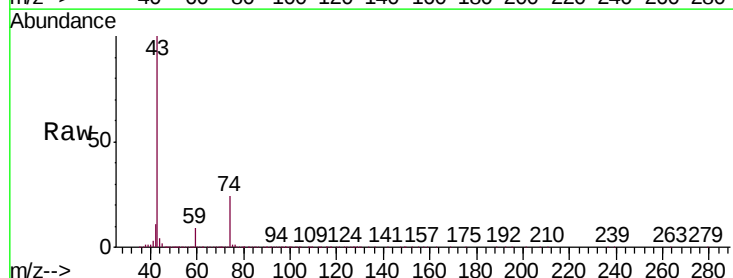
Manual Integrations
APPROVED

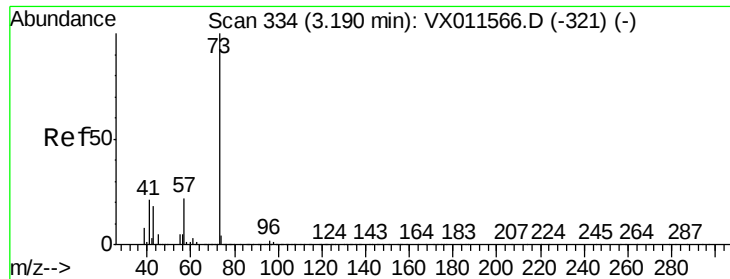
MMDadoda
8/20/2019 3:41:20 PM



#18
Methyl Acetate
Concen: 21.045 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion: 43 Resp: 104970
Ion Ratio Lower Upper
43 100
74 24.5 19.7 29.5





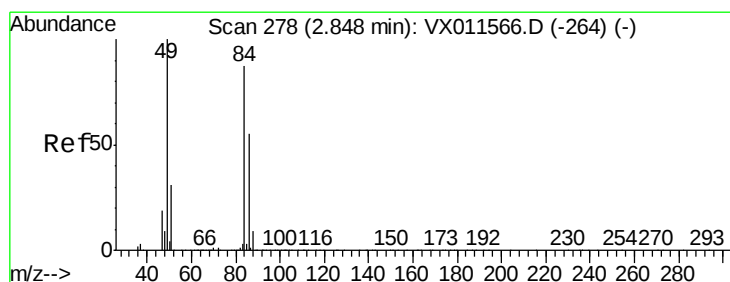
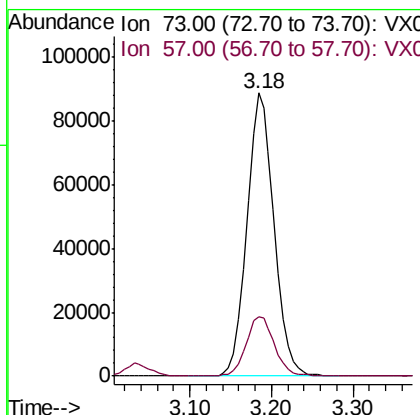
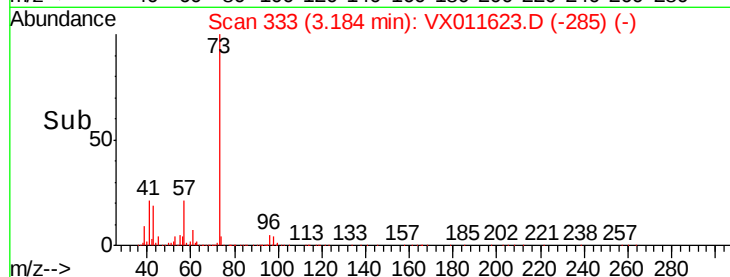
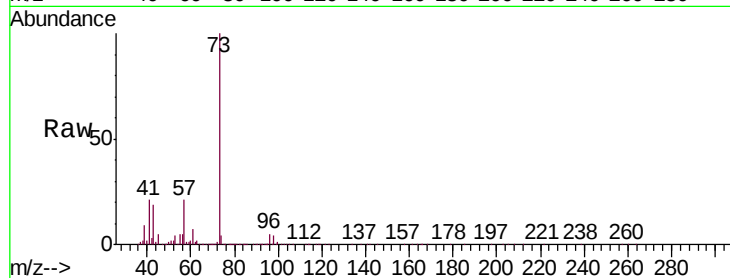
#19
Methyl tert-butyl Ether
Concen: 21.375 ug/l
RT: 3.18 min Scan# 333
Delta R.T. -0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.2	25.8

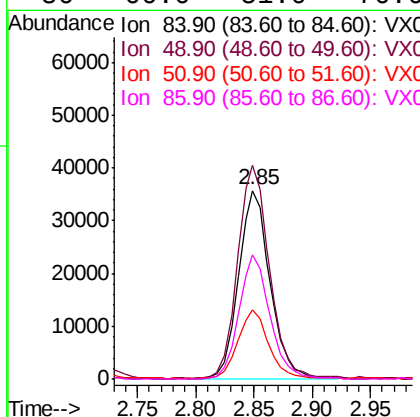
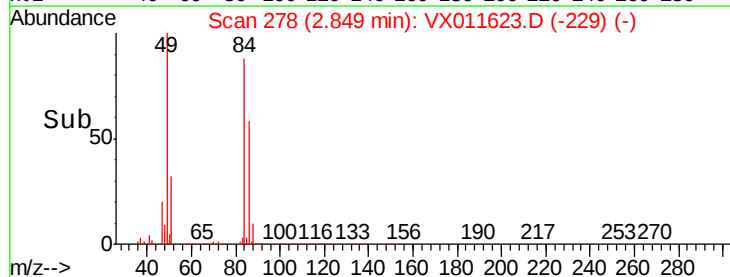
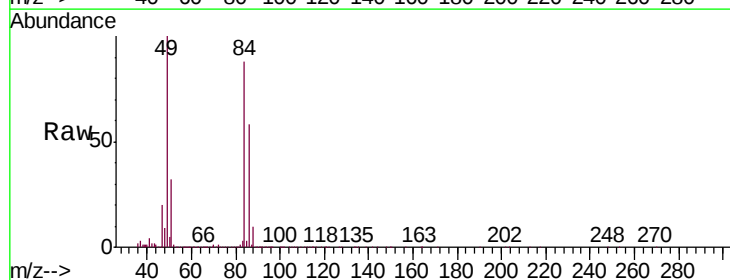
Manual Integrations
APPROVED

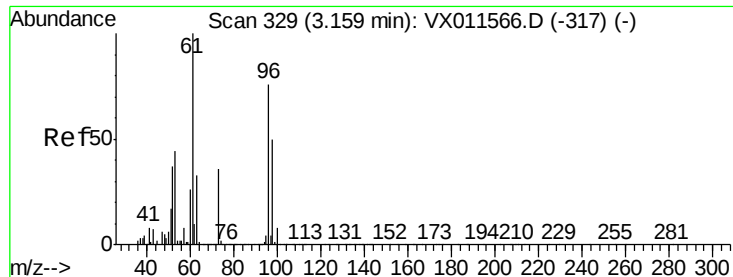
MMDadoda
8/20/2019 3:41:20 PM



#20
Methylene Chloride
Concen: 19.848 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.0	92.4	138.6
51	36.1	28.5	42.7
86	66.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.962 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

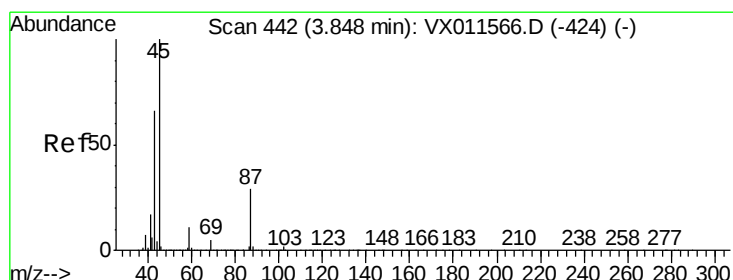
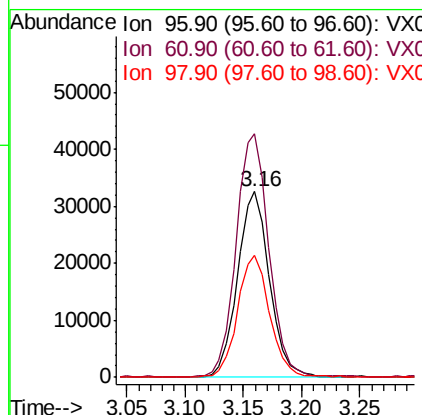
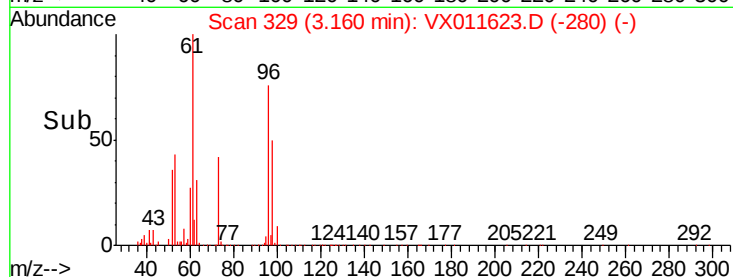
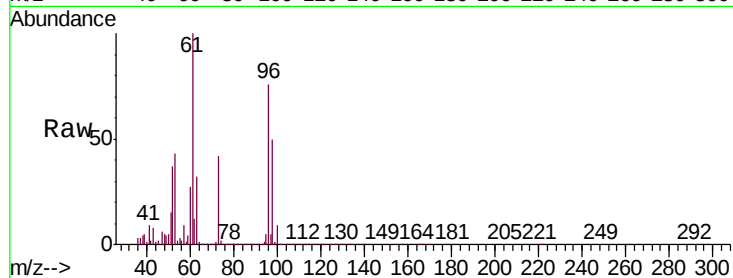
ClientSampleId :

VX0819MBS01

Tgt Ion:	96	Resp:	62213
Ion Ratio	Lower	Upper	
96	100		
61	131.4	105.5	158.3
98	65.8	52.6	78.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.904 ug/l

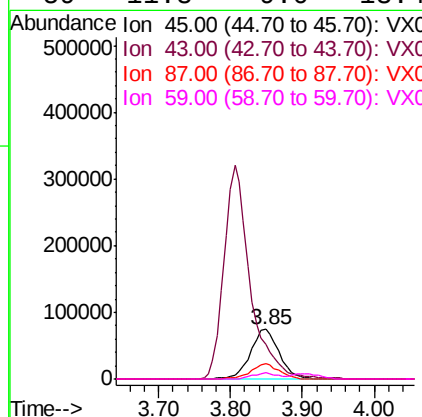
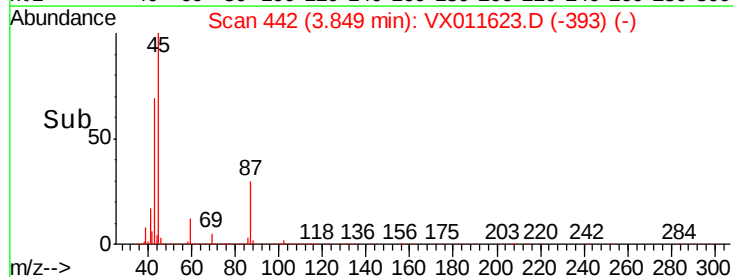
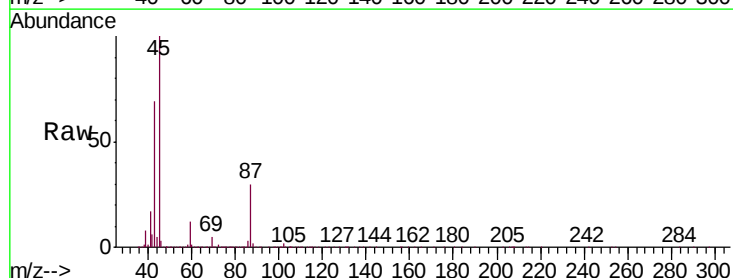
RT: 3.85 min Scan# 442

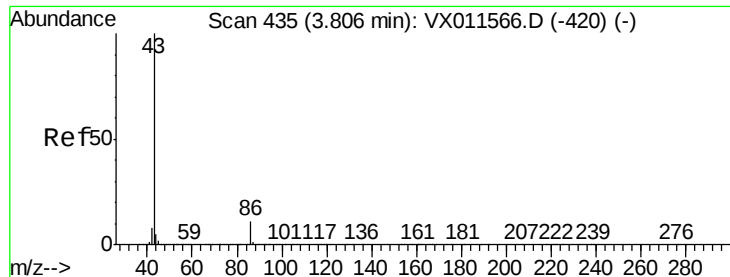
Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Tgt Ion:	45	Resp:	203661
Ion Ratio	Lower	Upper	
45	100		
43	69.1	52.7	79.1
87	30.2	23.5	35.3
59	11.8	9.0	13.4





#23

Vinyl Acetate

Concen: 105.636 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 43 Resp: 814989

Ion Ratio Lower Upper

43 100

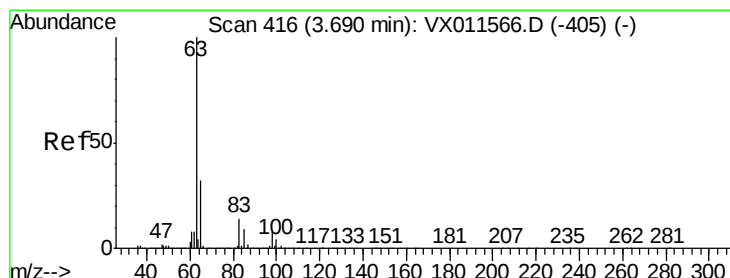
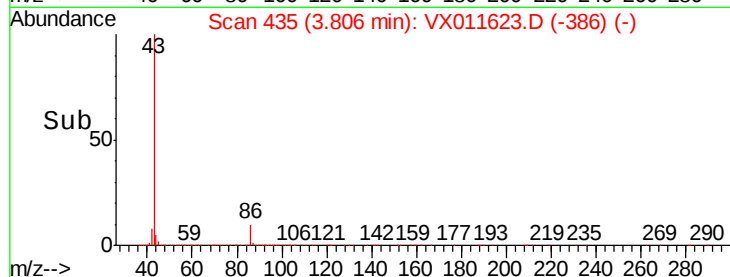
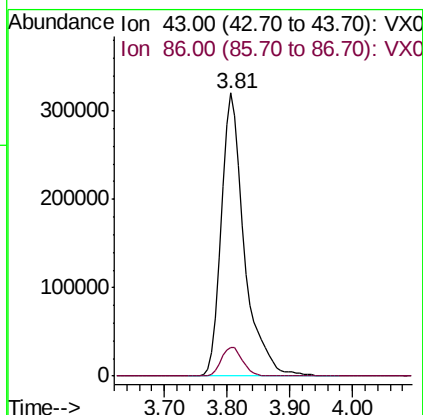
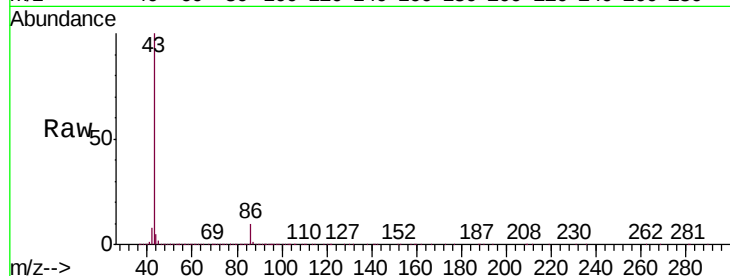
86 10.3 8.6 13.0

Manual Integrations

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MMDadoda

8/20/2019 3:41:20 PM



#24

1,1-Dichloroethane

Concen: 20.266 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

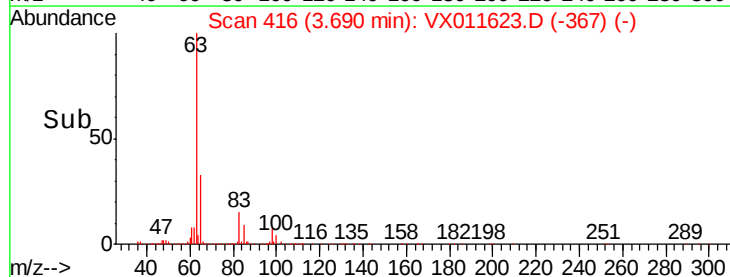
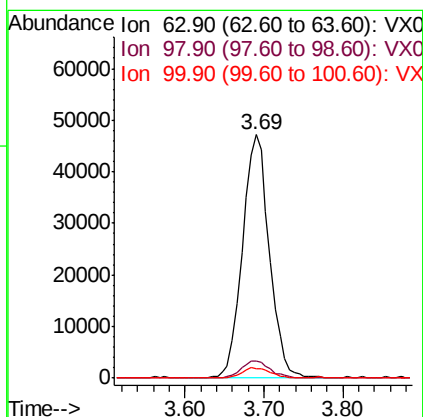
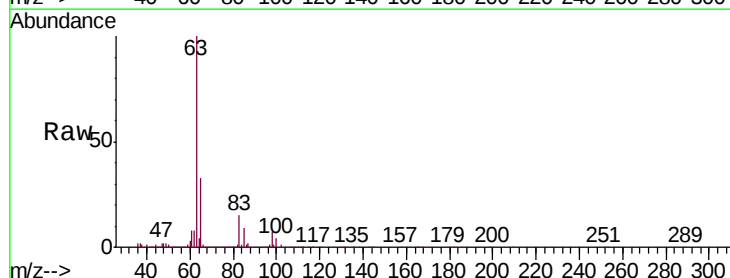
Tgt Ion: 63 Resp: 111635

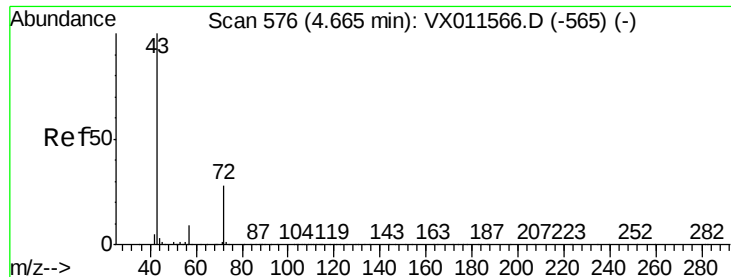
Ion Ratio Lower Upper

63 100

98 6.9 3.7 11.1

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 103.360 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampled :

VX0819MBS01

Tgt Ion: 43 Resp: 260976

Ion Ratio Lower Upper

43 100

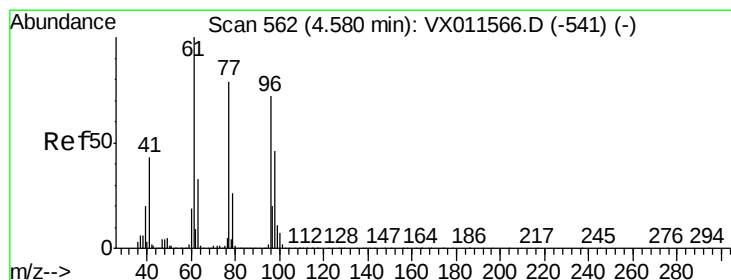
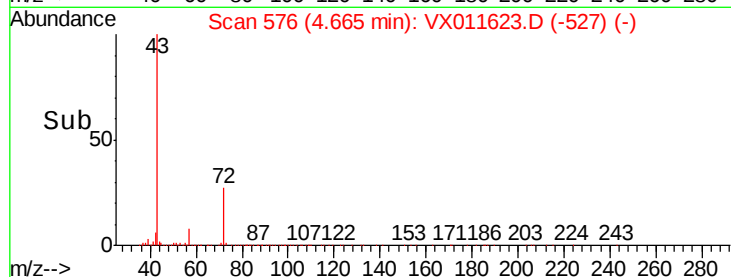
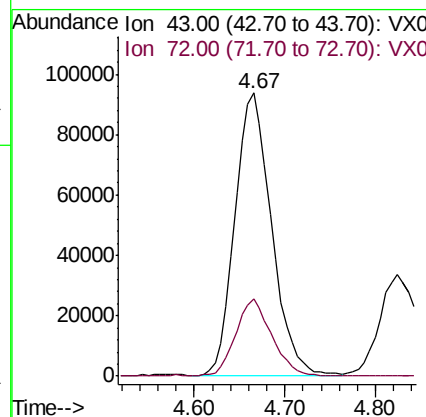
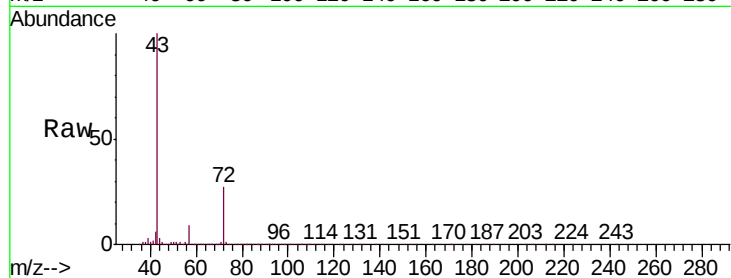
72 26.9 22.2 33.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.753 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011623.D

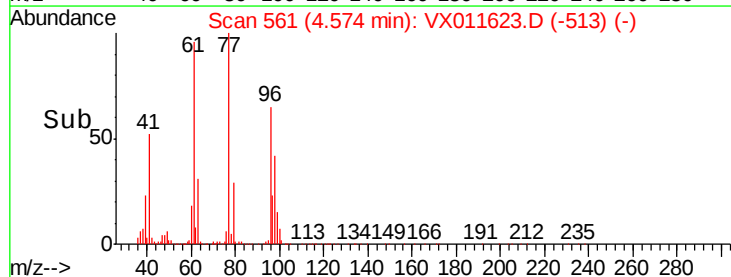
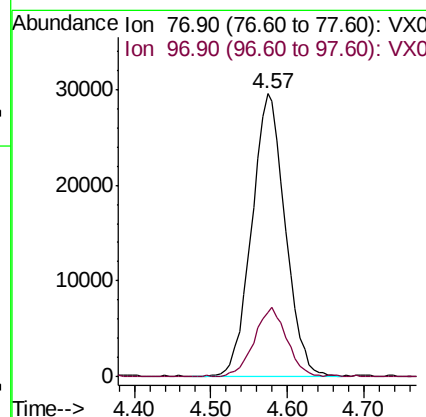
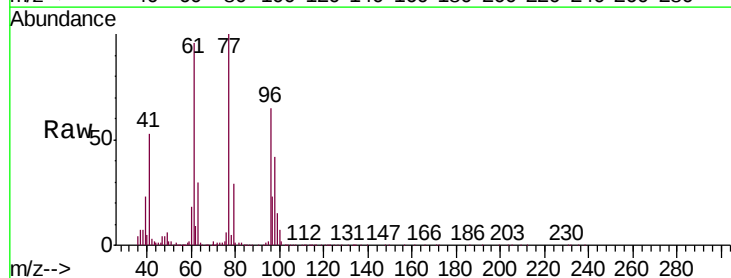
Acq: 19 Aug 2019 11:47

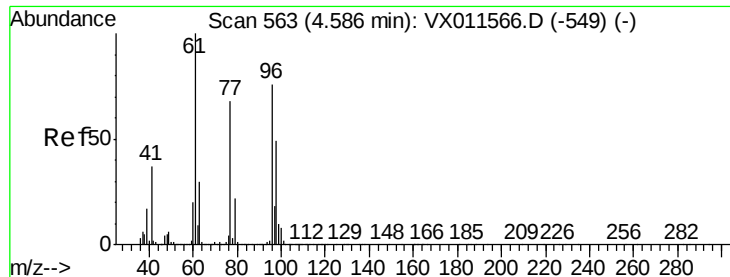
Tgt Ion: 77 Resp: 90187

Ion Ratio Lower Upper

77 100

97 24.0 12.4 37.2





#27

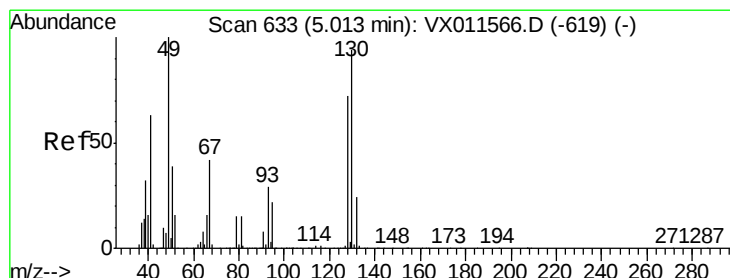
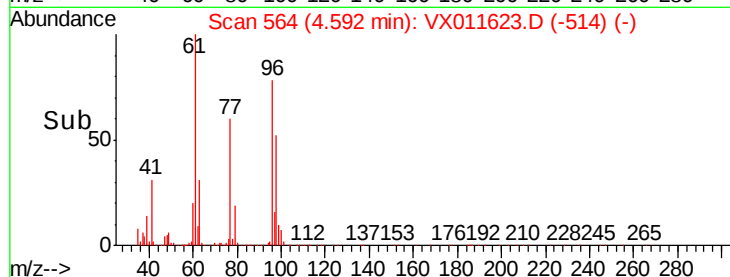
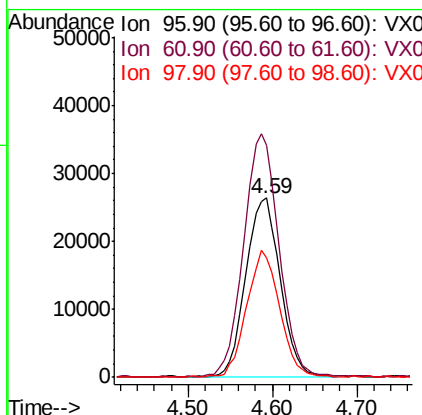
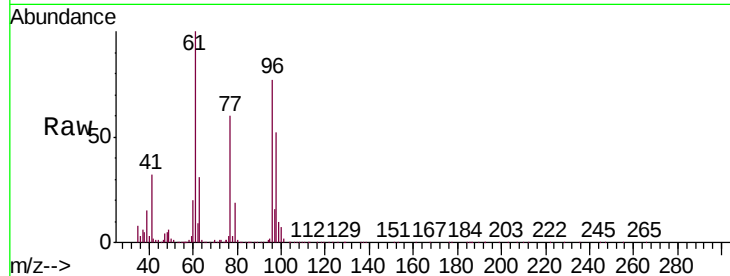
cis-1,2-Dichloroethene
Concen: 20.304 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	73768		
61	137.6	0.0	272.6	
98	67.7	0.0	129.4	

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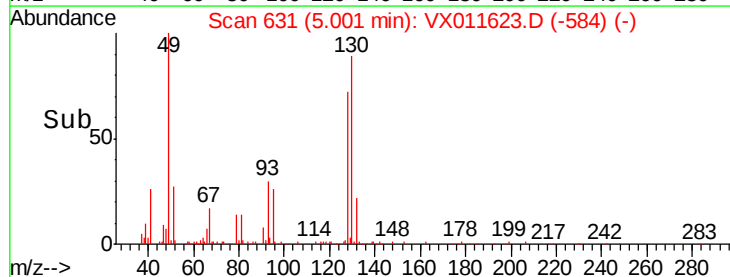
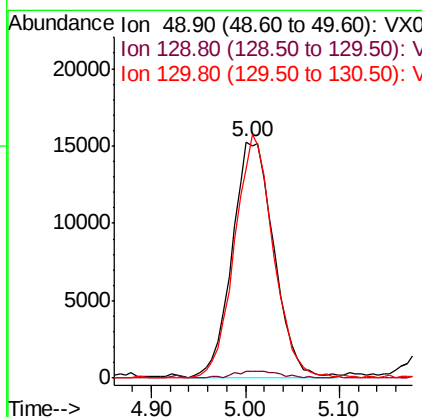
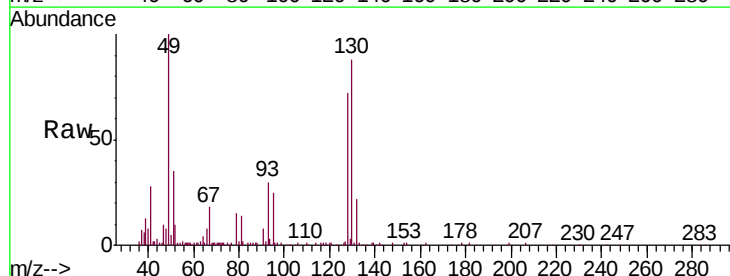
MMDadoda
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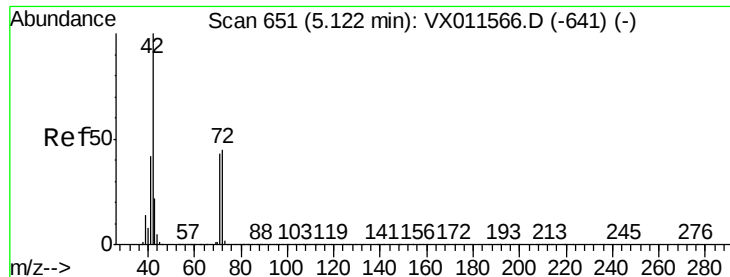


#28

Bromochloromethane
Concen: 19.611 ug/l
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	47421		
129	3.3	0.0	5.0	
130	95.9	76.6	115.0	





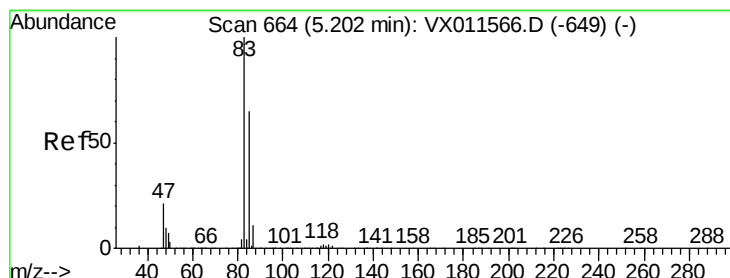
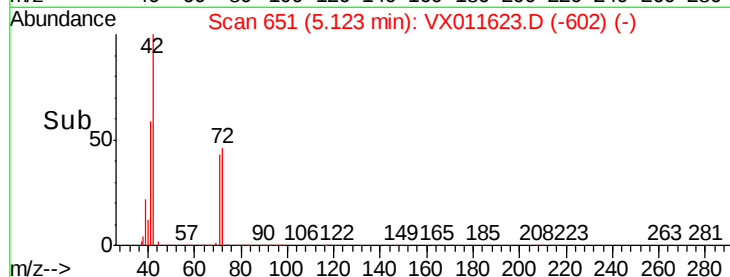
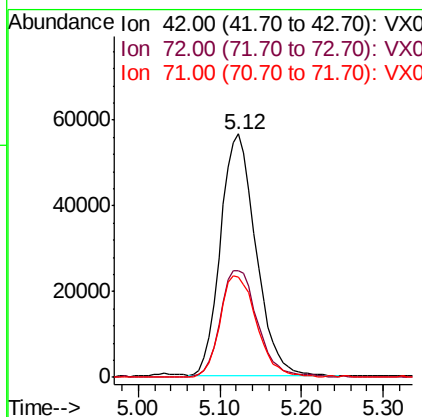
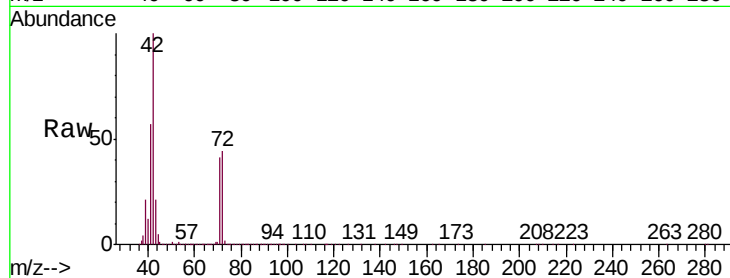
#29
Tetrahydrofuran
Concen: 102.450 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.1	54.1
71	43.3	33.8	50.8

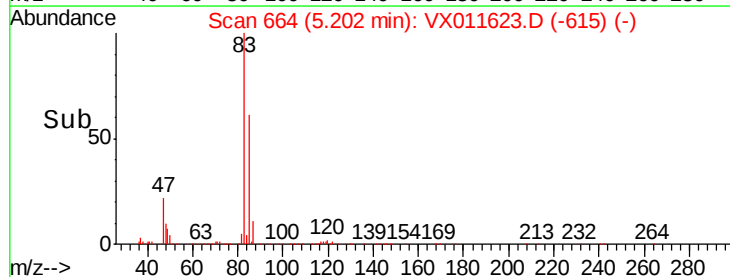
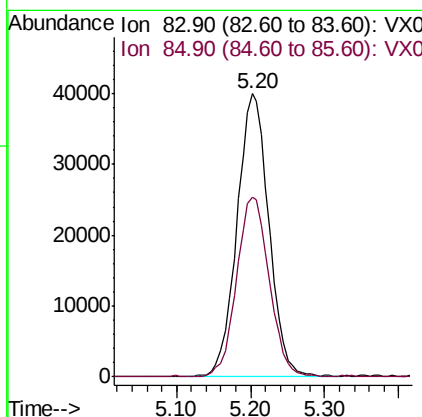
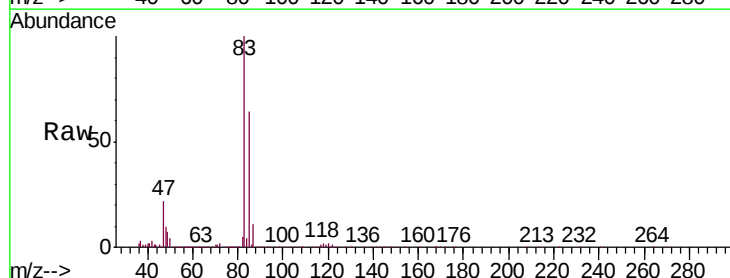
Manual Integrations
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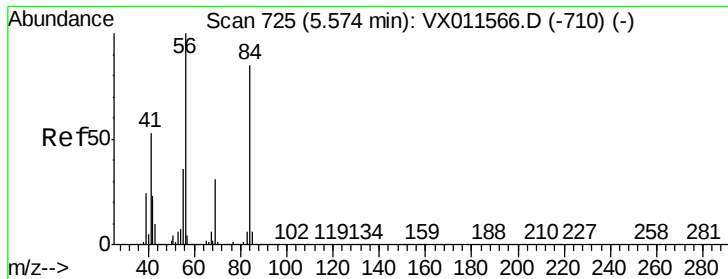
MMDadoda
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#30
Chloroform
Concen: 20.674 ug/l
RT: 5.20 min Scan# 664
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.9	77.9





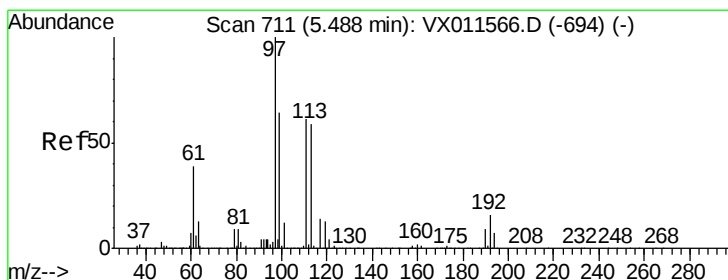
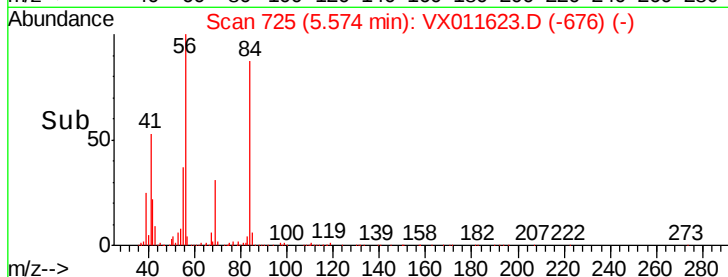
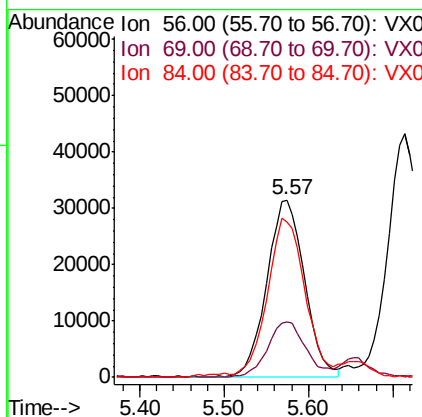
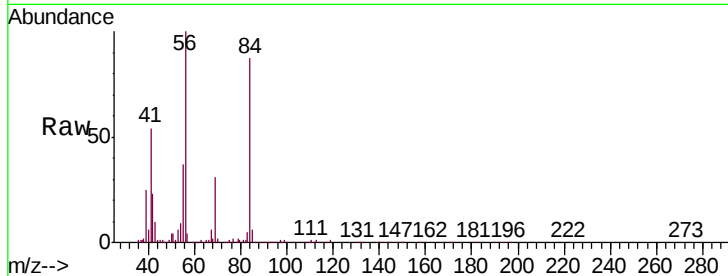
#31
Cyclohexane
Concen: 20.499 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.9	24.8	37.2
84	87.0	67.9	101.9

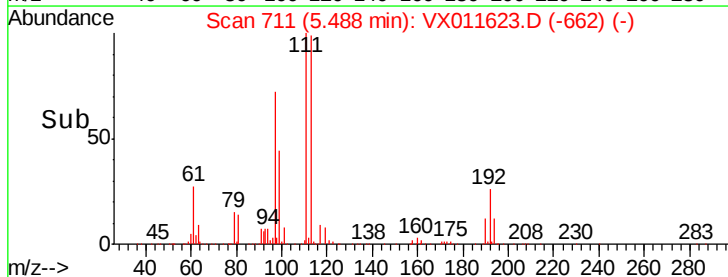
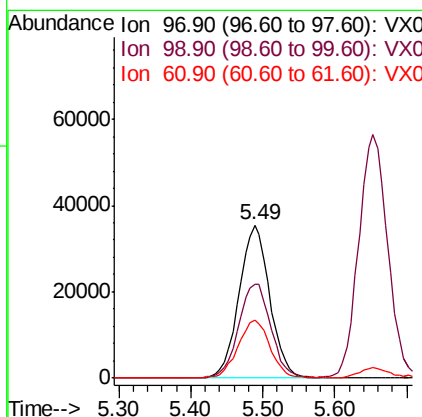
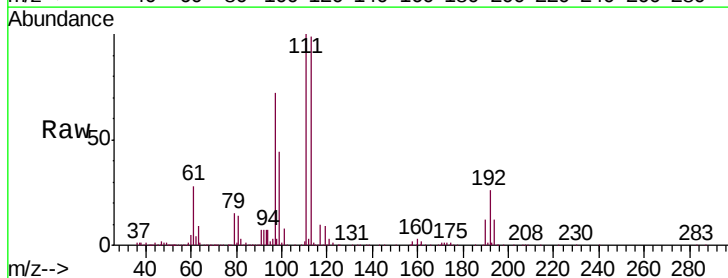
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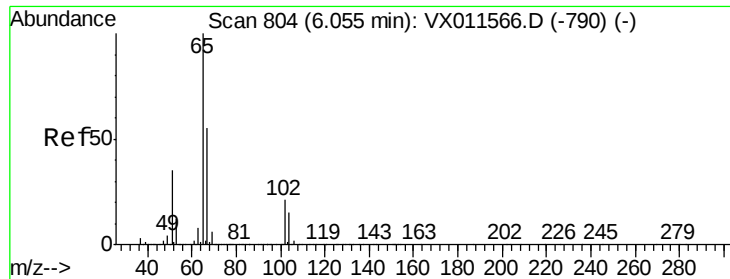
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#32
1,1,1-Trichloroethane
Concen: 20.964 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	39.9	31.4	47.2





#33

1,2-Dichloroethane-d4

Concen: 45.394 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 65 Resp: 145198

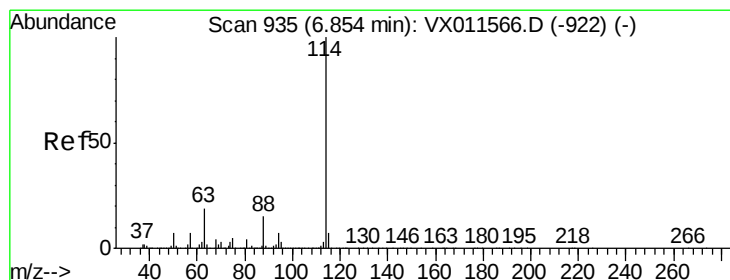
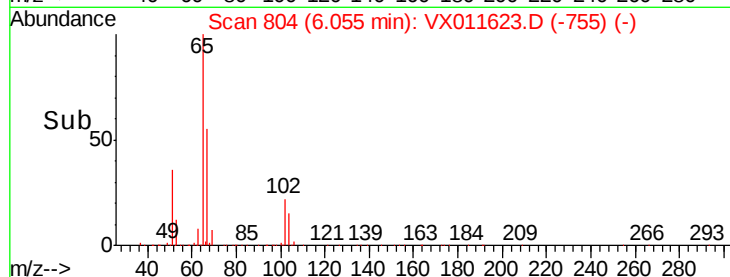
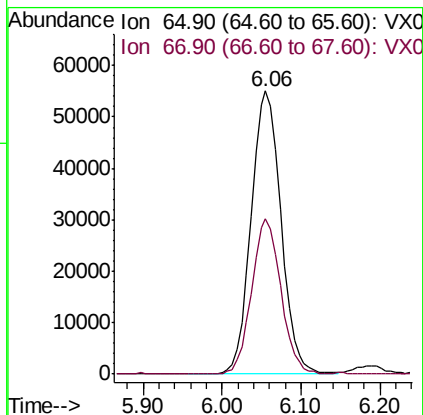
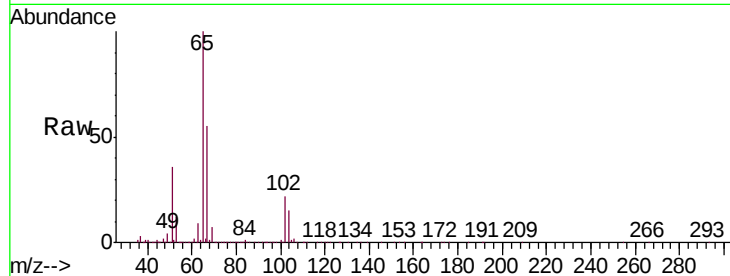
Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.6

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

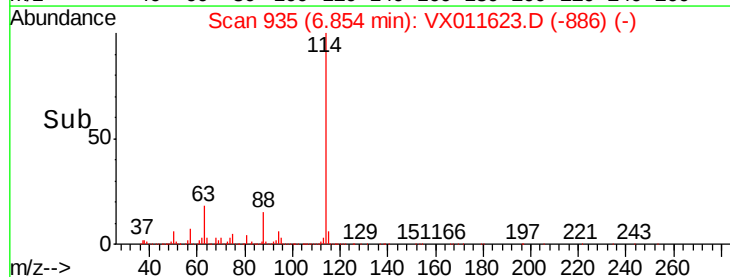
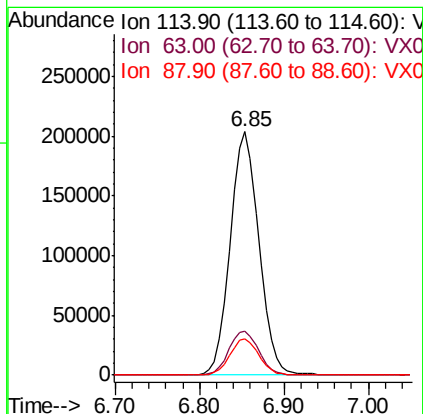
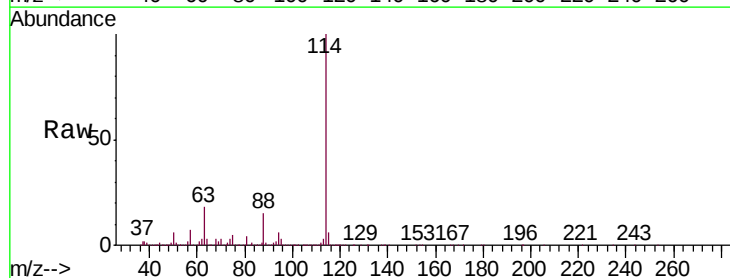
Tgt Ion: 114 Resp: 469641

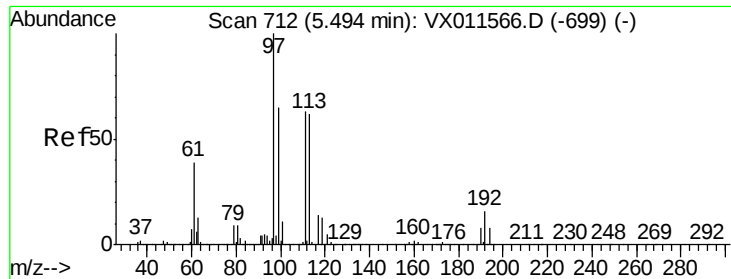
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.8

88 15.0 0.0 30.2





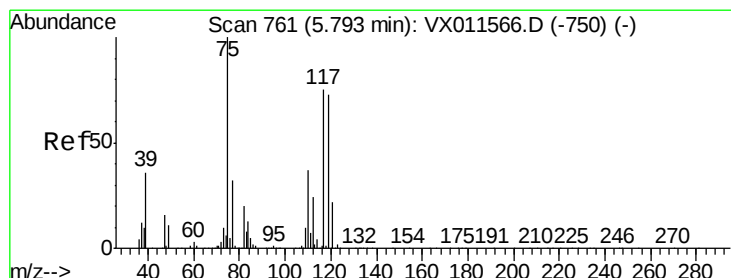
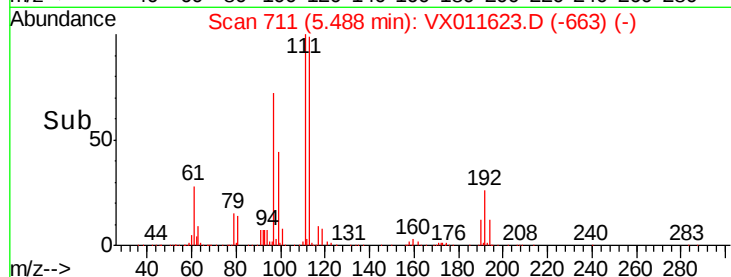
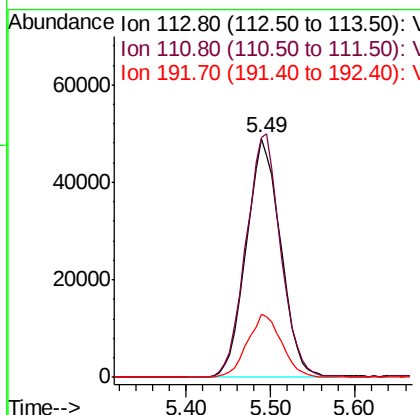
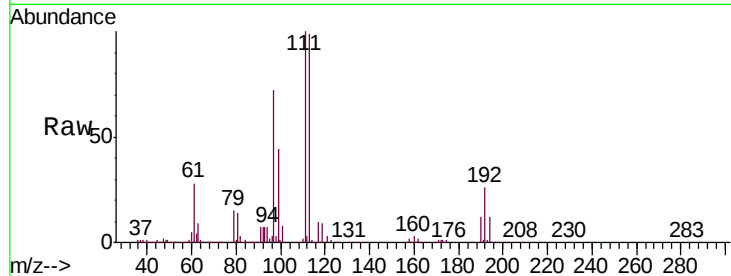
#35
 Dibromofluoromethane
 Concen: 44.512 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	136729		
111	102.9	81.1	121.7	
192	26.5	20.8	31.2	

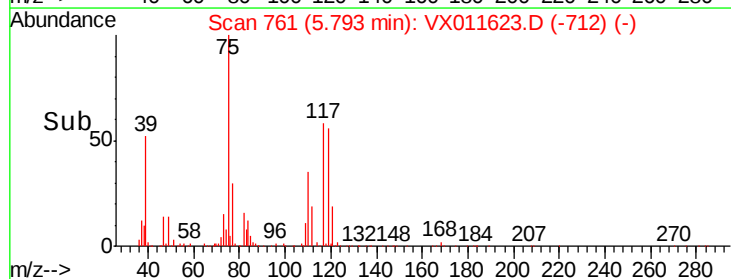
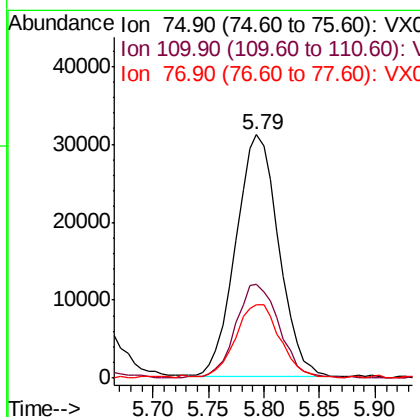
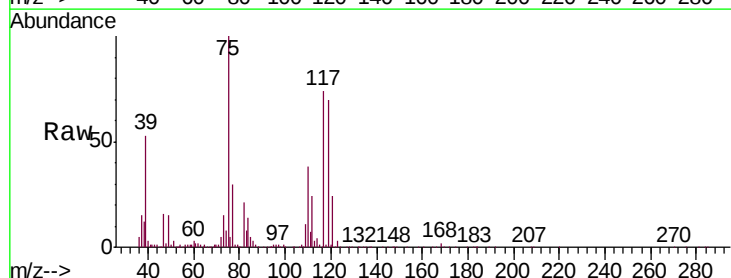
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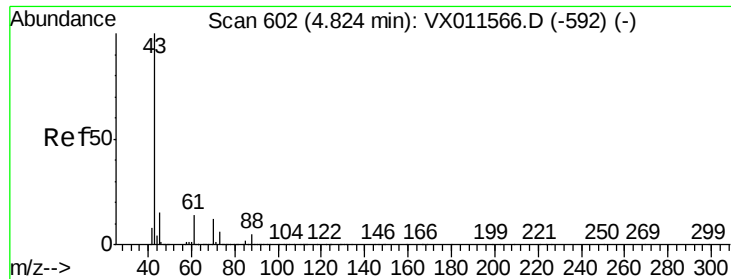
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#36
 1,1-Dichloropropene
 Concen: 20.673 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83011		
110	40.0	19.4	58.1	
77	31.0	25.1	37.7	





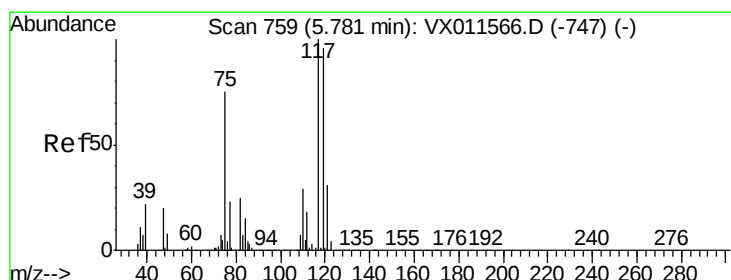
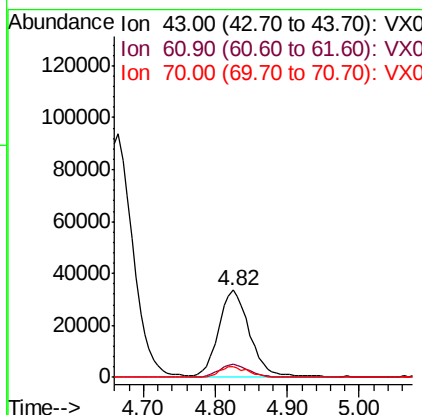
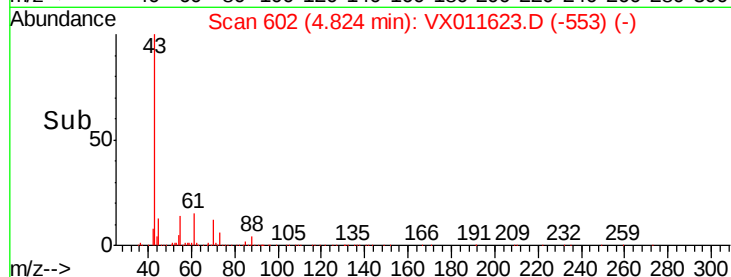
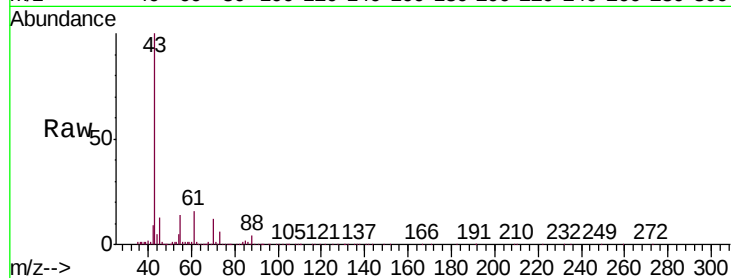
#37
Ethyl Acetate
Concen: 21.324 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.4	17.0
70	11.1	9.0	13.6

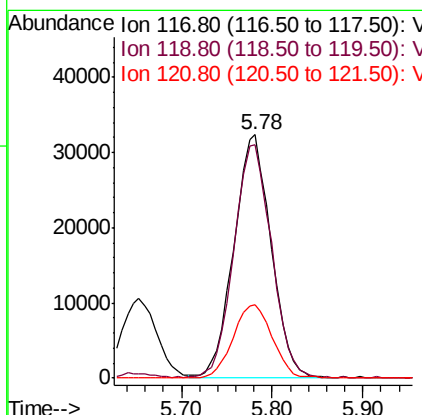
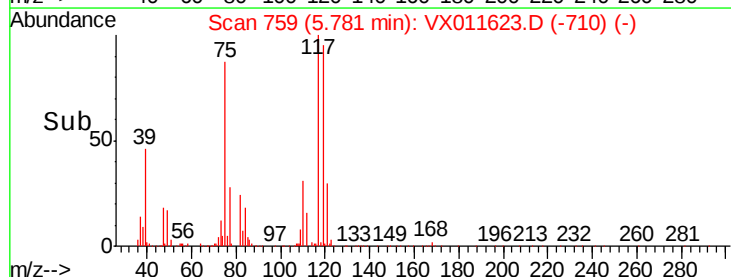
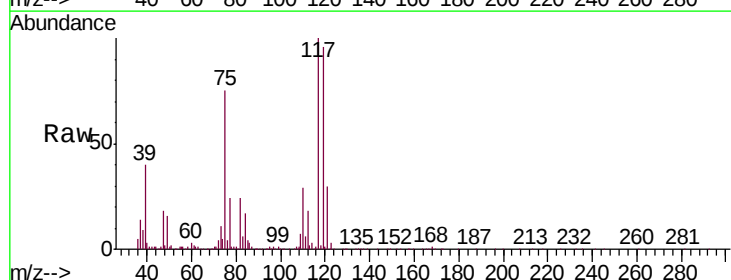
Manual Integrations
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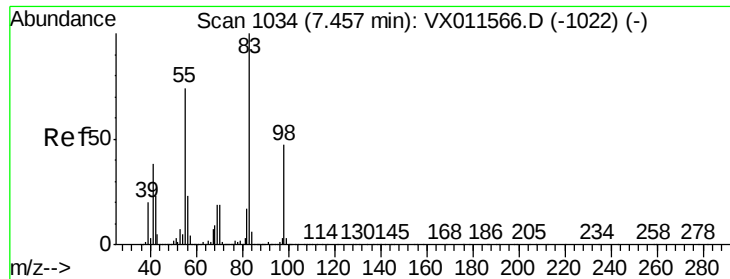
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#38
Carbon Tetrachloride
Concen: 20.745 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.9	115.3
121	30.5	24.8	37.2





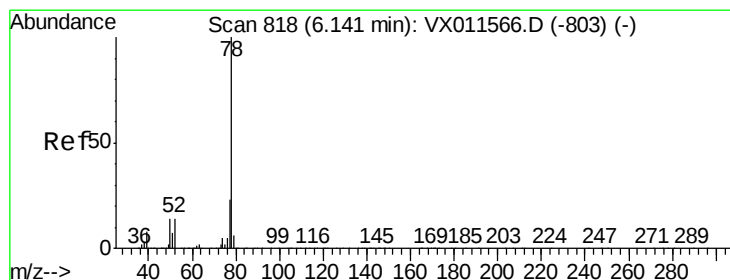
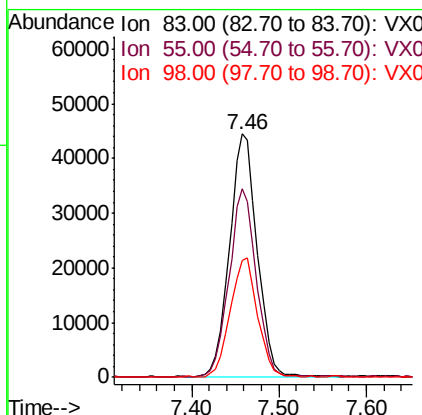
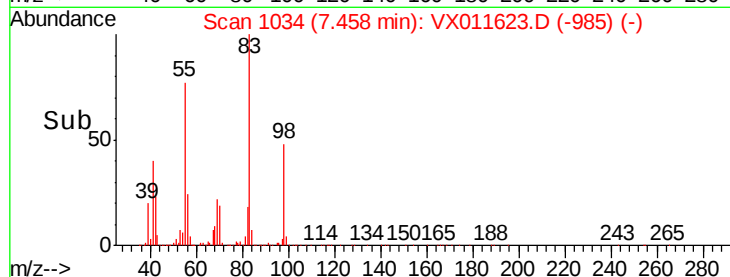
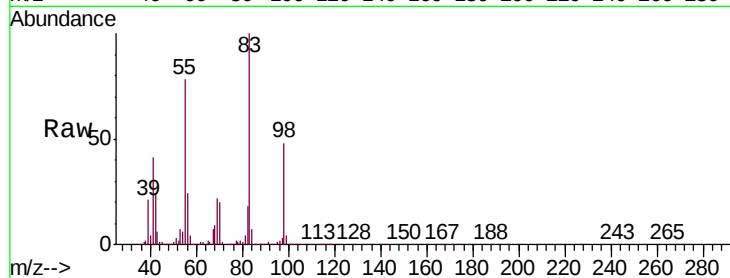
#39
Methylcyclohexane
Concen: 19.614 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	97258		
55	77.4	58.8	88.2	
98	47.6	37.8	56.6	

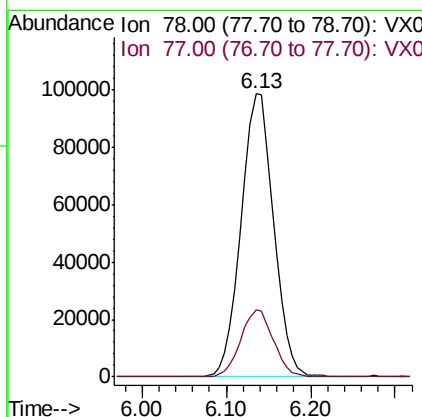
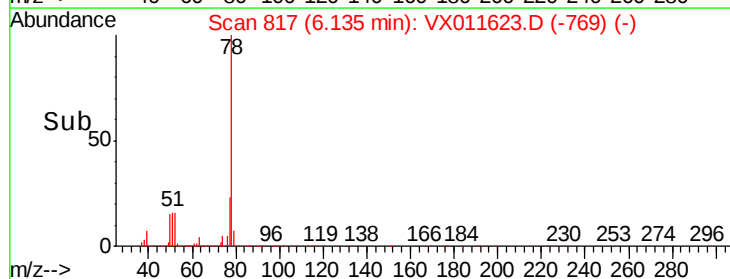
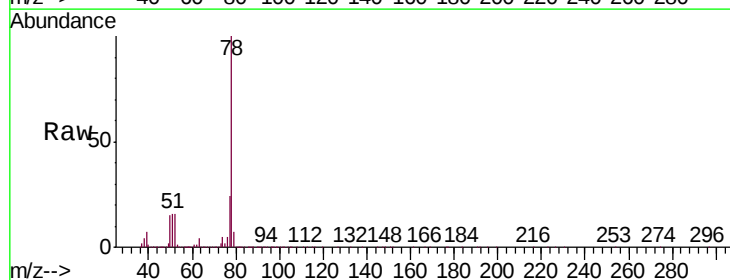
Manual Integrations
APPROVED

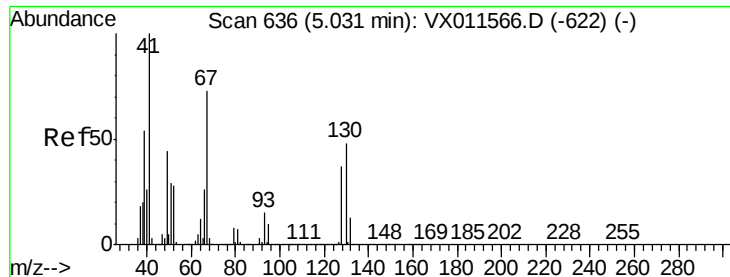
MMDadoda
8/20/2019 3:41:20 PM



#40
Benzene
Concen: 20.606 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	257121		
77	23.8	18.6	28.0	





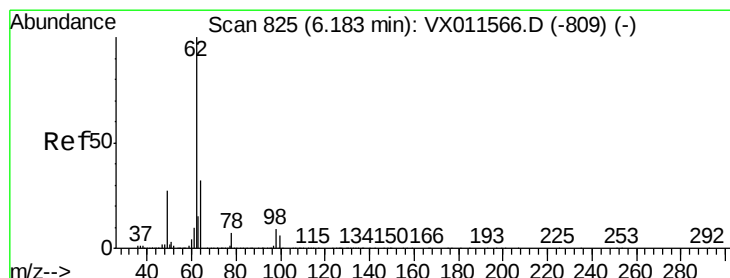
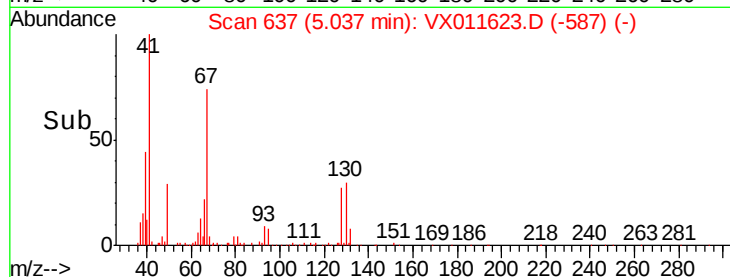
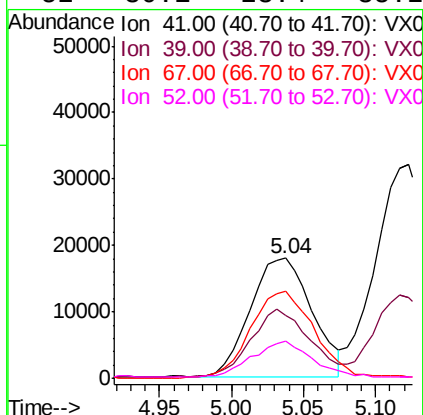
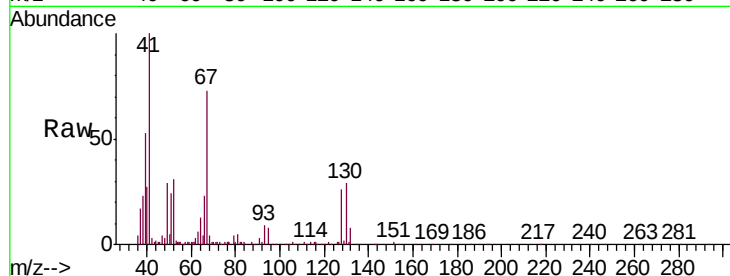
#41
Methacrylonitrile
Concen: 21.026 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.5	65.3
67	76.6	59.4	89.2
52	30.1	23.4	35.2

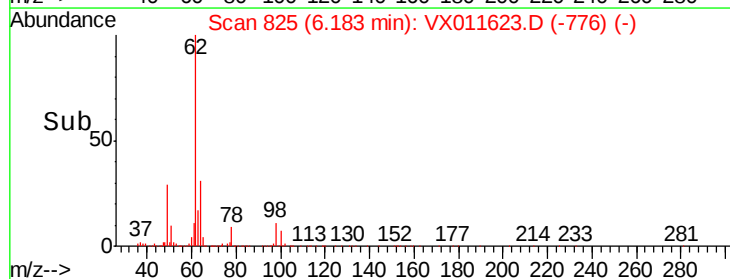
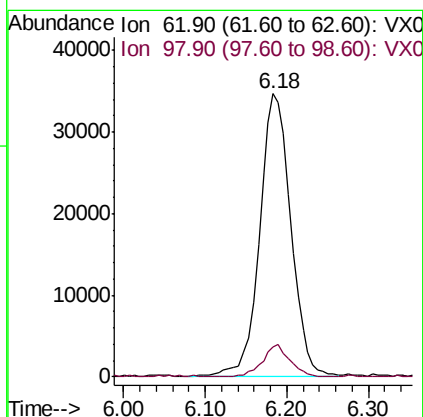
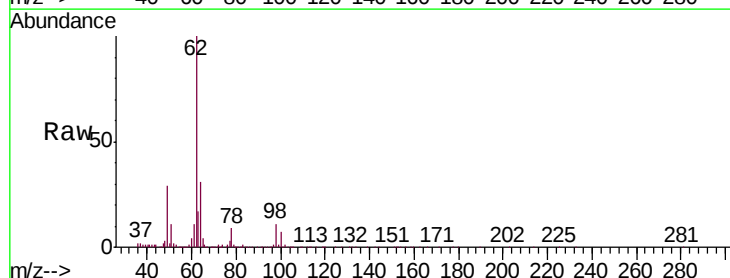
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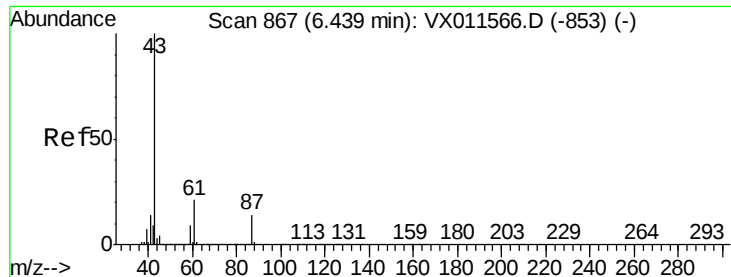
MMDadoda
8/20/2019 3:41:20 PM



#42
1,2-Dichloroethane
Concen: 21.298 ug/l
RT: 6.18 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4





#43

Isopropyl Acetate

Concen: 20.877 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

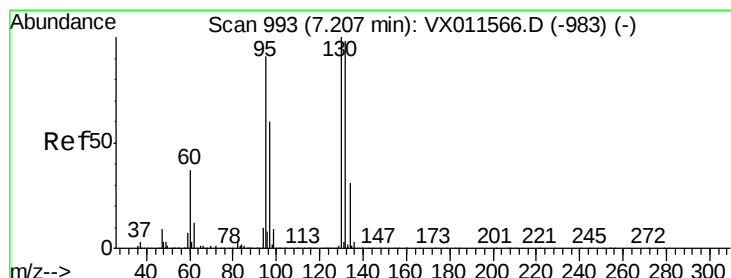
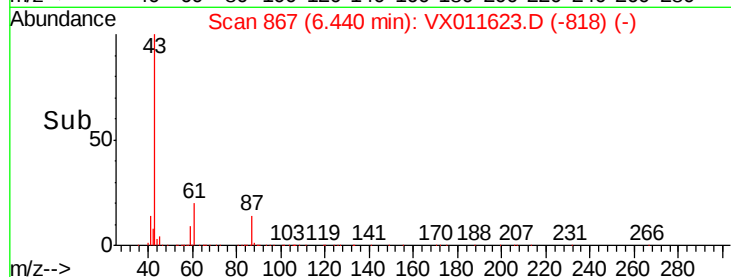
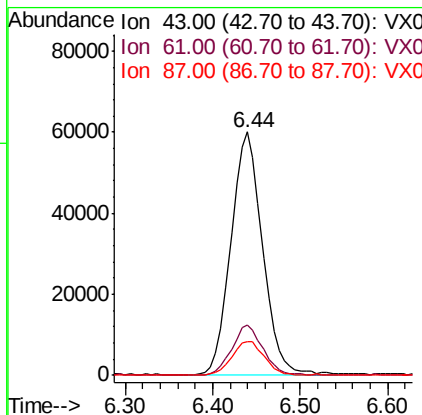
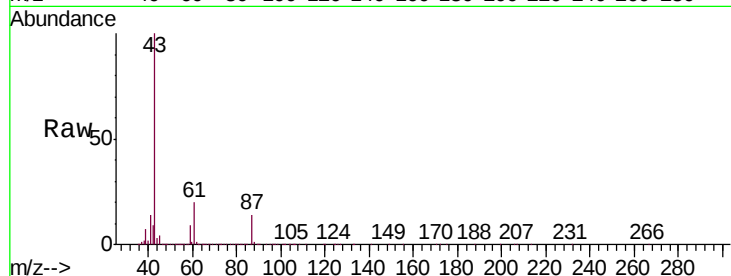
ClientSampleId :

VX0819MBS01

Tgt Ion:	43	Resp:	150473
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	14.3	11.4	17.2

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#44

Trichloroethene

Concen: 20.581 ug/l

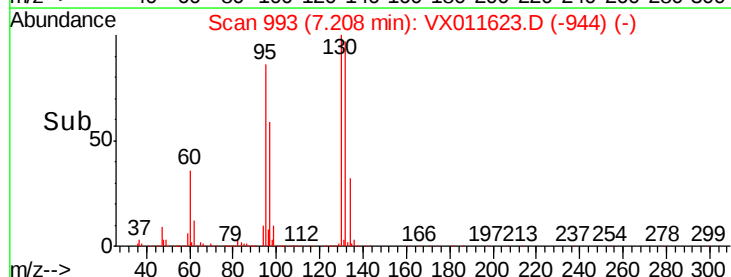
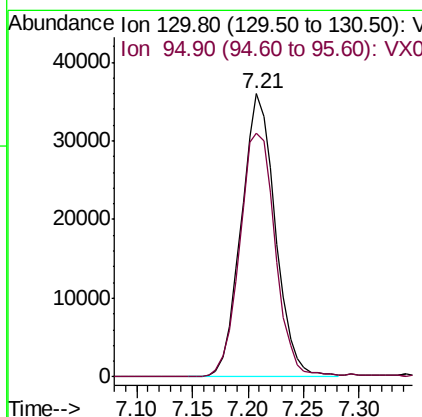
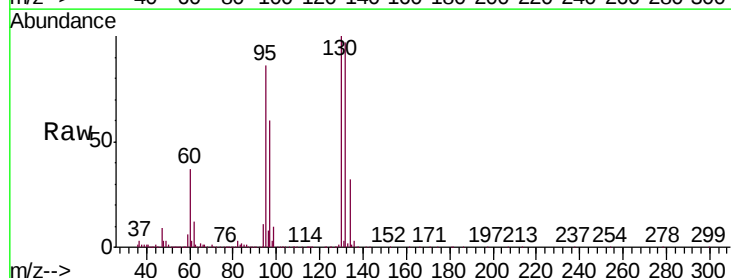
RT: 7.21 min Scan# 993

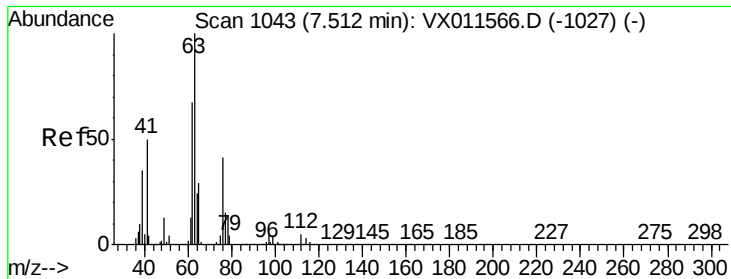
Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Tgt Ion:	130	Resp:	76185
Ion	Ratio	Lower	Upper
130	100		
95	86.2	0.0	181.4





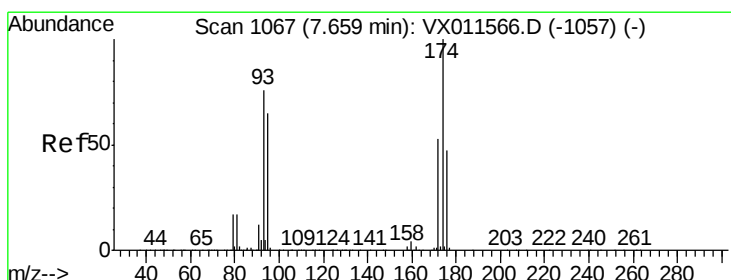
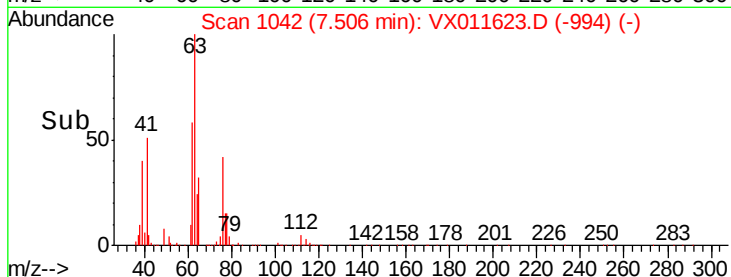
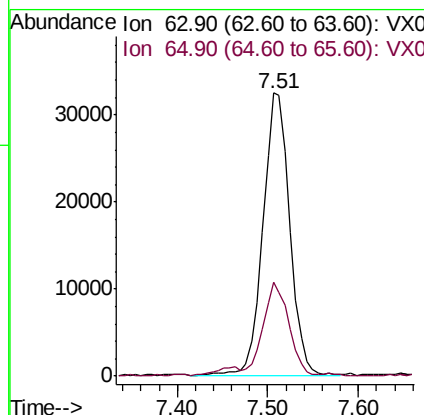
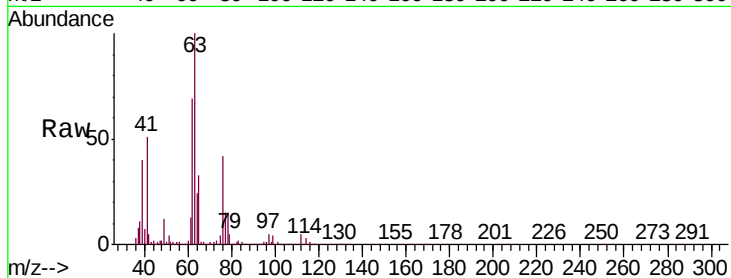
#45
 1,2-Dichloropropane
 Concen: 21.241 ug/l
 RT: 7.51 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.4	35.2

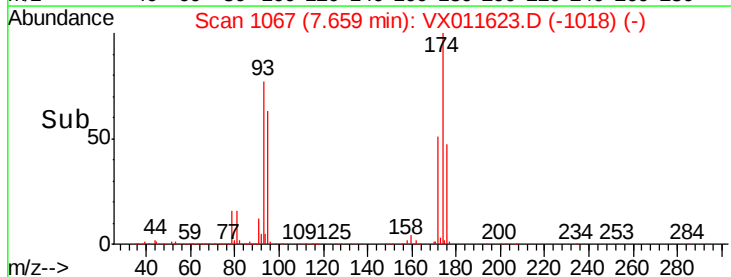
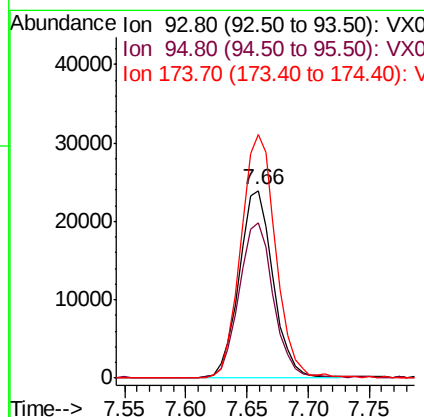
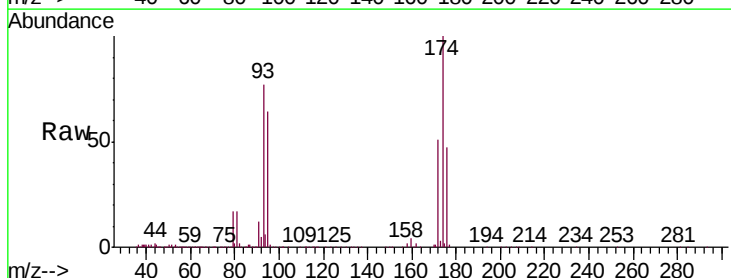
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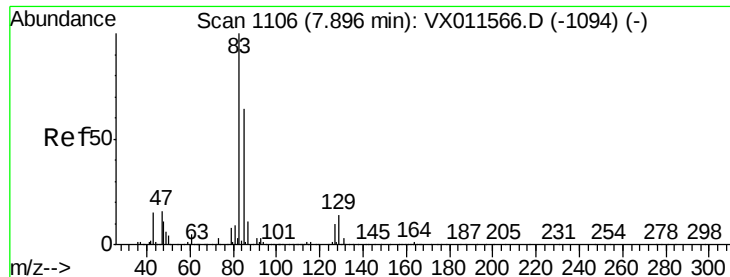
MMDadoda
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#46
 Dibromomethane
 Concen: 20.544 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.2	100.8
174	132.4	105.5	158.3





#47

Bromodichloromethane

Concen: 20.800 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

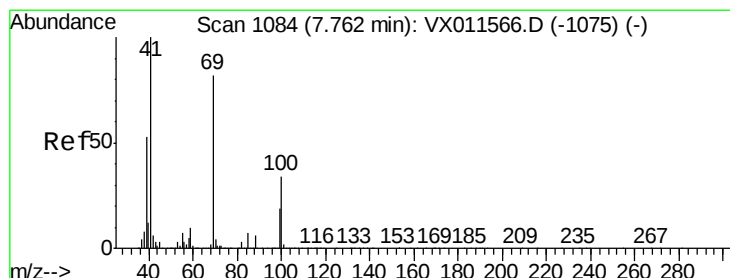
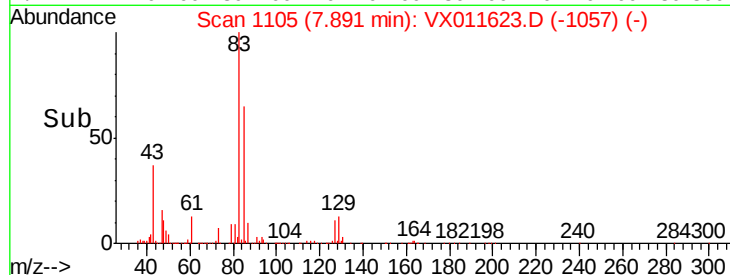
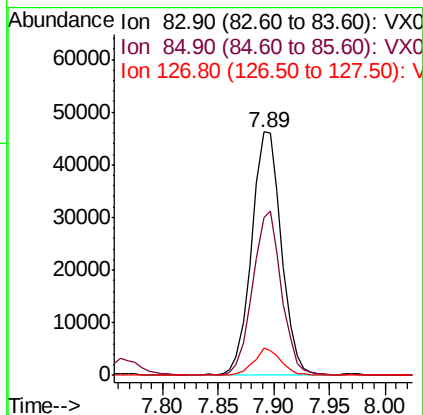
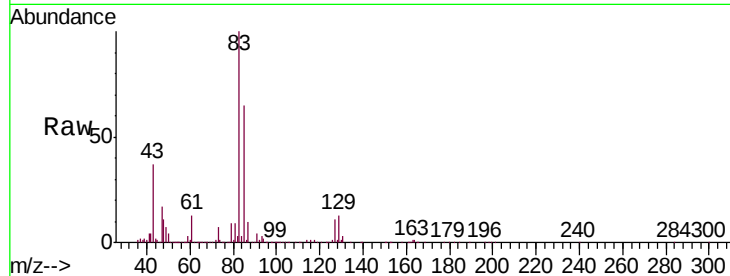
ClientSampleId :

VX0819MBS01

Tgt Ion:	83	Resp:	86367
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.2	76.8
127	11.1	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.041 ug/l

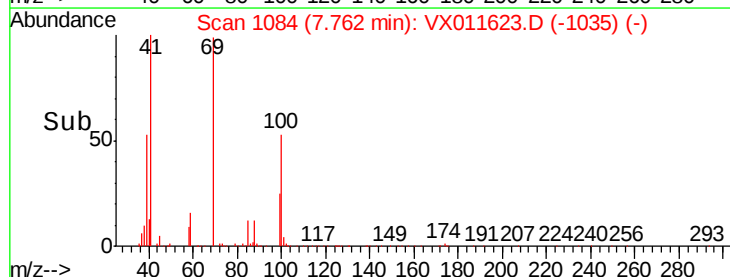
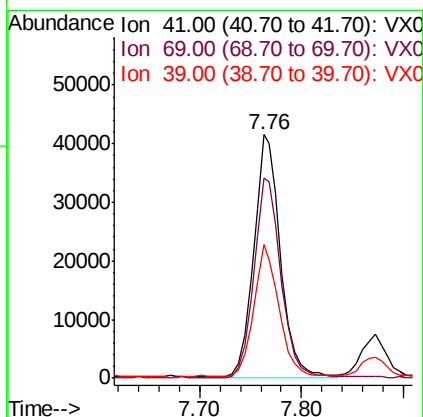
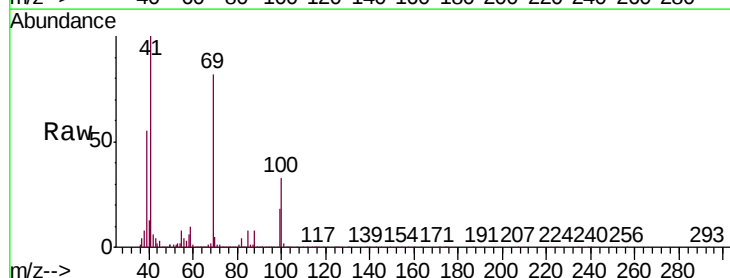
RT: 7.76 min Scan# 1084

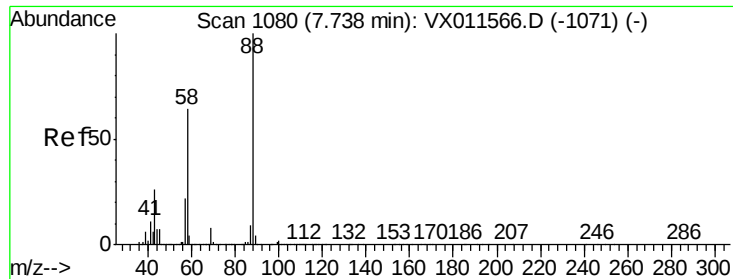
Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Tgt Ion:	41	Resp:	75103
Ion Ratio	Lower	Upper	
41	100		
69	83.4	67.9	101.9
39	52.0	41.6	62.4





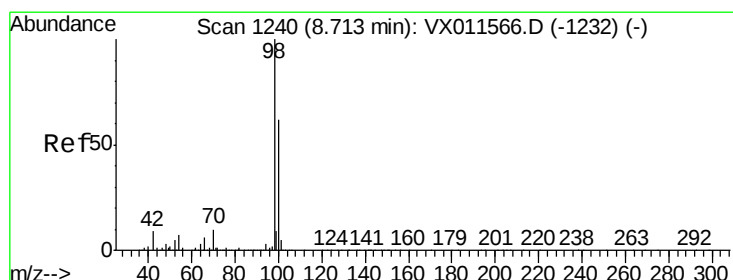
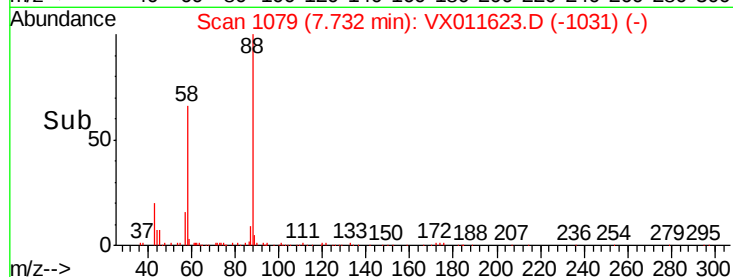
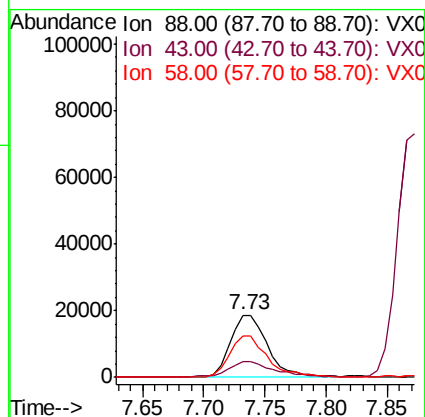
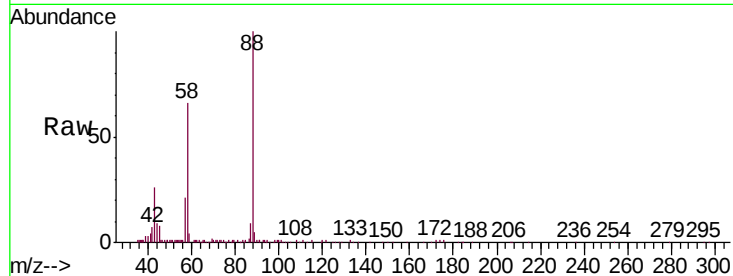
#49
1,4-Dioxane
Concen: 414.418 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.9	23.4	35.0
58	68.8	54.3	81.5

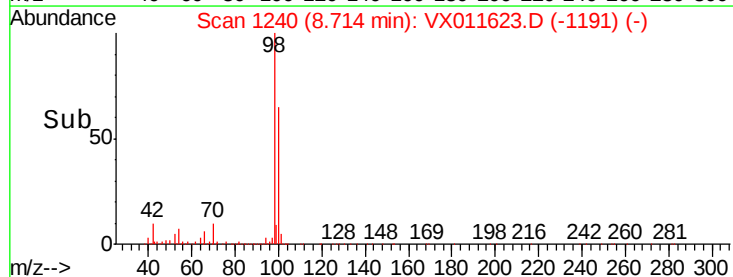
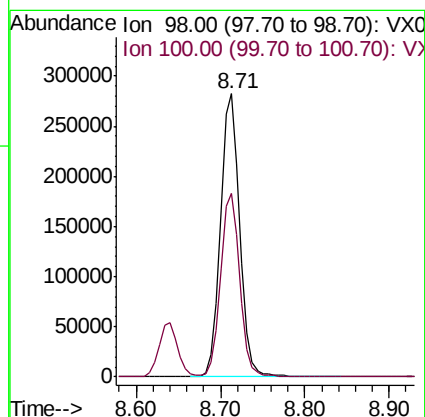
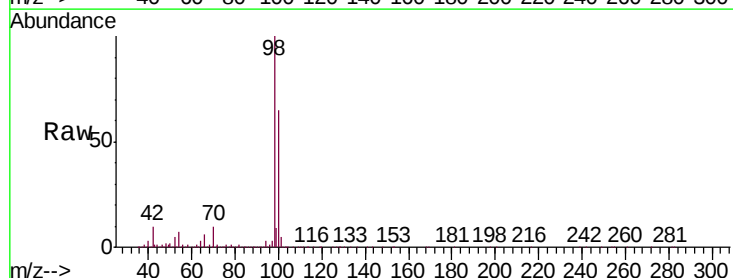
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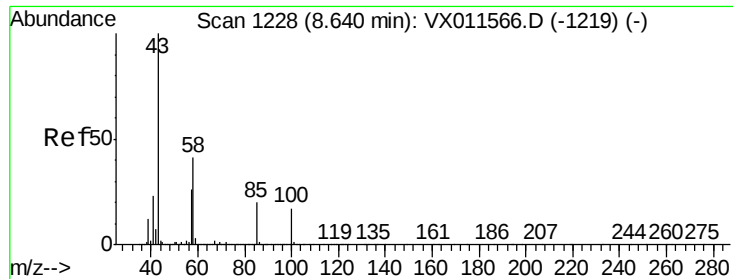
MMDadoda
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#50
Toluene-d8
Concen: 46.423 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6





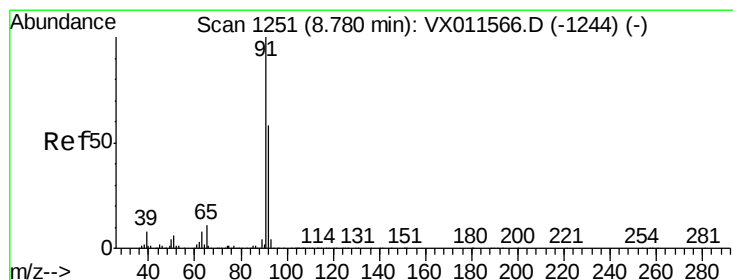
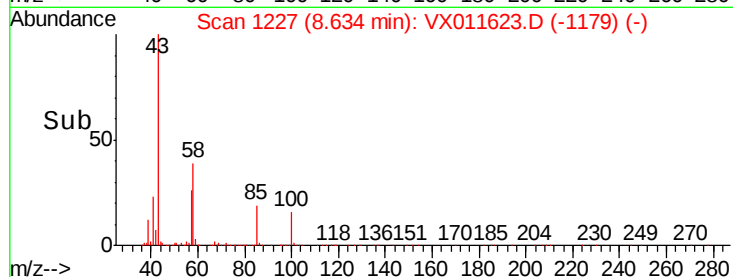
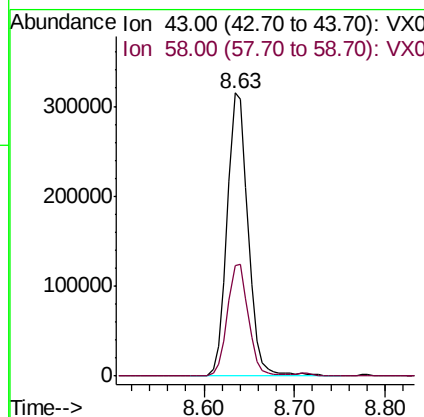
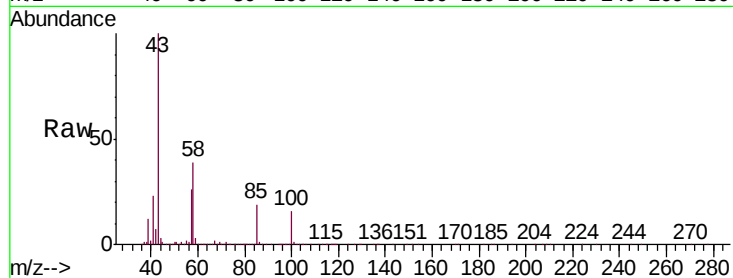
#51
4-Methyl-2-Pentanone
Concen: 107.420 ug/l
RT: 8.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.8	47.6

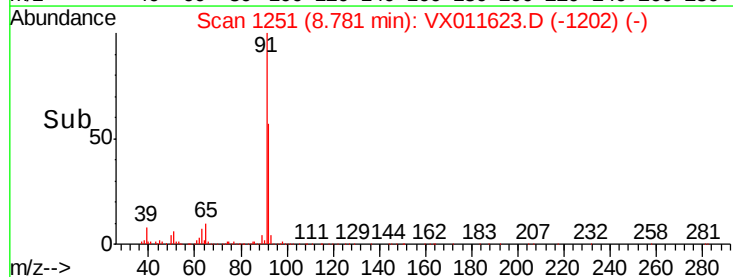
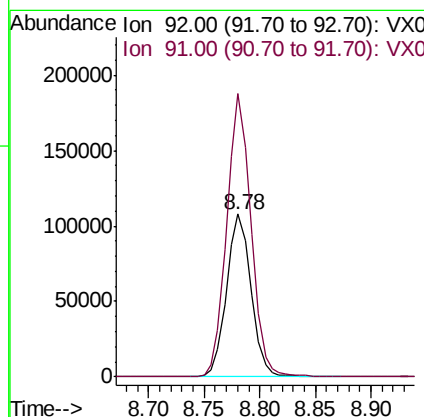
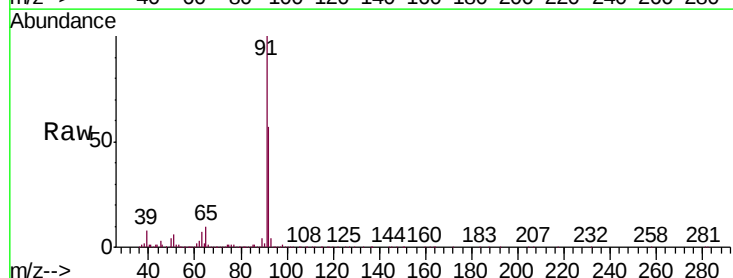
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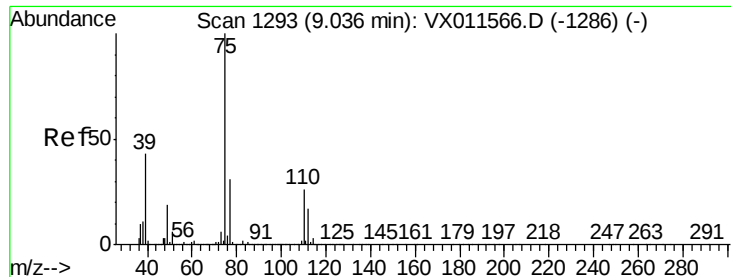
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#52
Toluene
Concen: 20.747 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.1	138.0	207.0





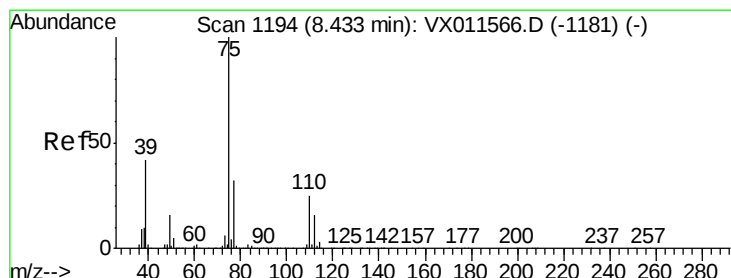
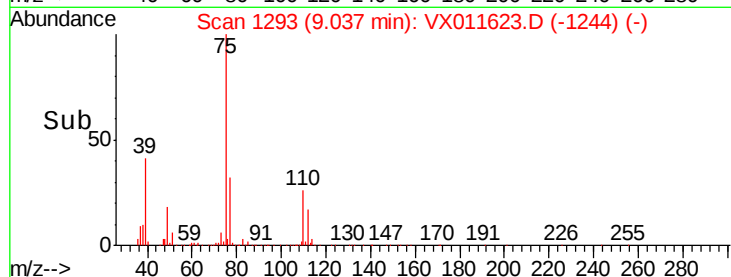
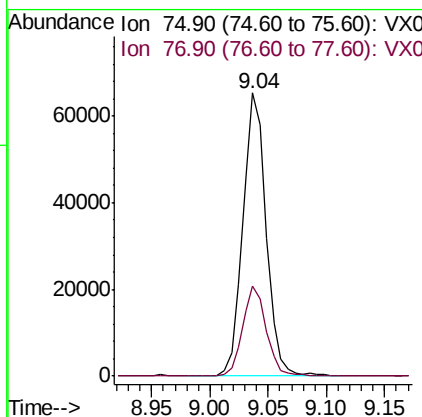
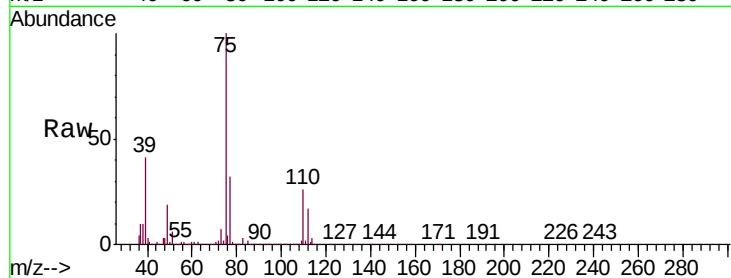
#53
t-1,3-Dichloropropene
Concen: 21.109 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.1	37.7

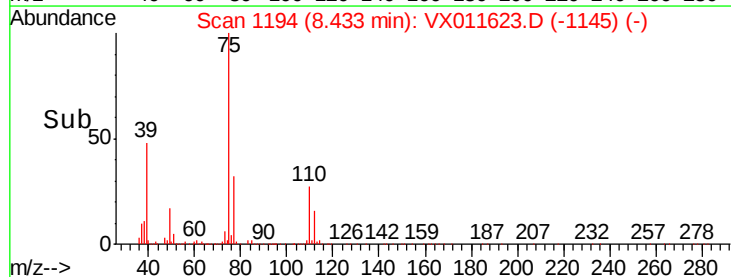
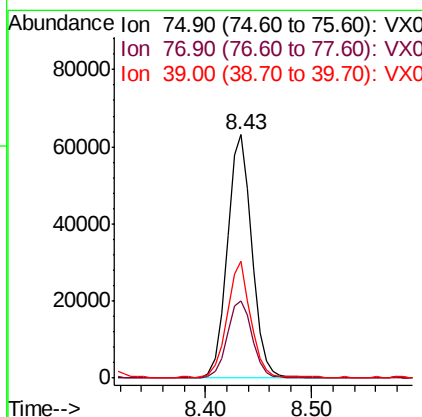
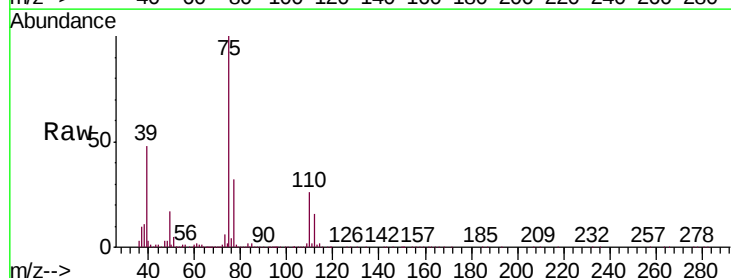
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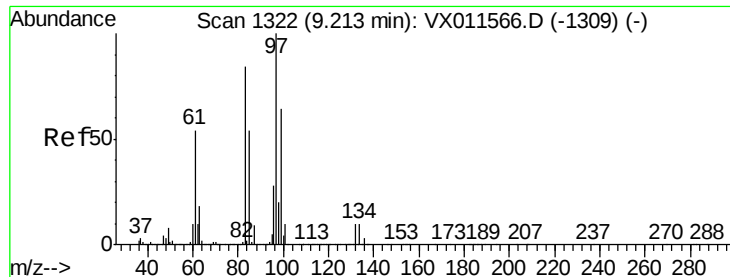
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#54
cis-1,3-Dichloropropene
Concen: 21.505 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
39	47.5	33.6	50.4





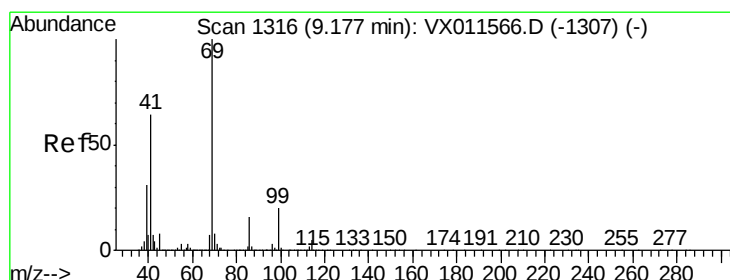
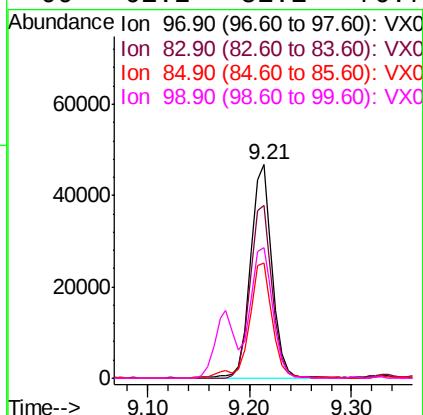
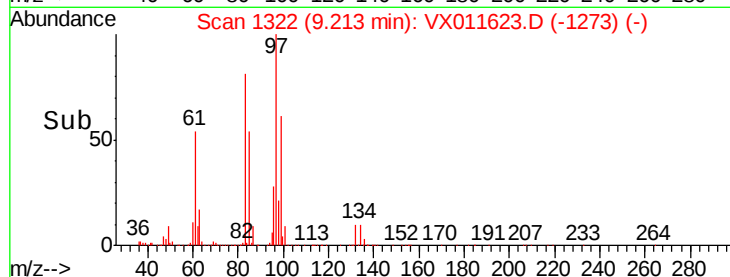
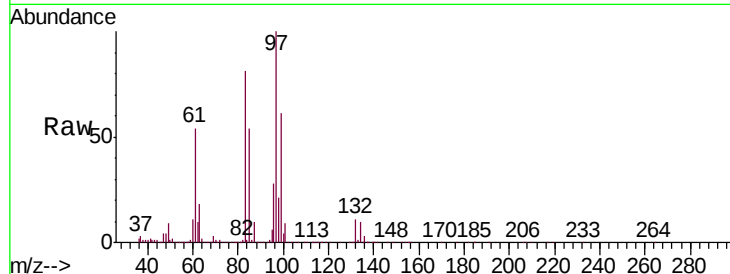
#55
 1,1,2-Trichloroethane
 Concen: 20.487 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.4	101.0
85	53.5	43.4	65.2
99	61.2	51.1	76.7

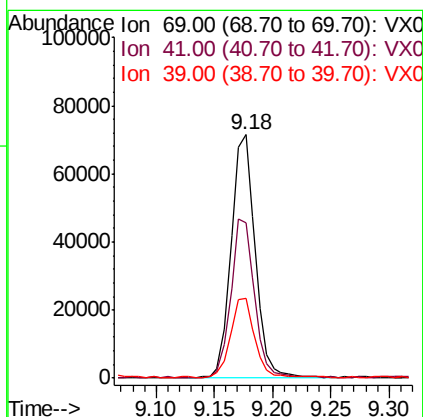
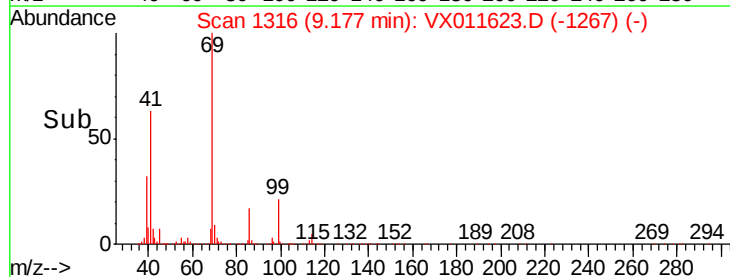
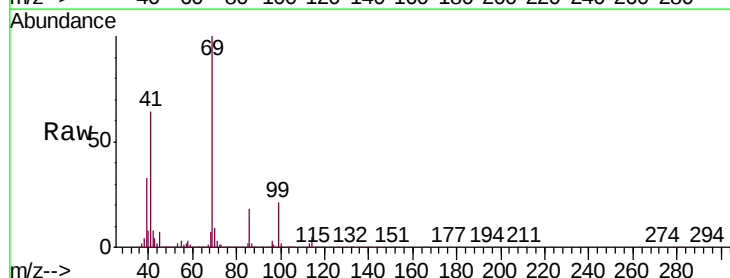
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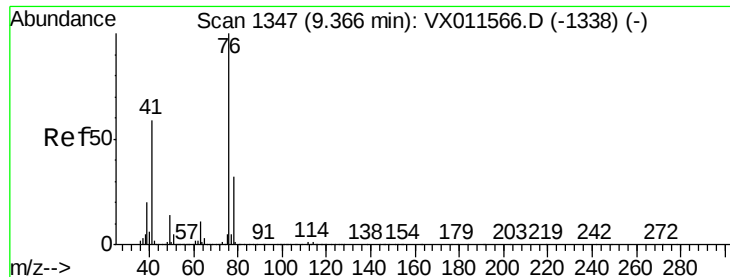
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#56
 Ethyl methacrylate
 Concen: 21.052 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.0	52.1	78.1
39	32.2	25.4	38.0





#57

1,3-Dichloropropane

Concen: 21.002 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

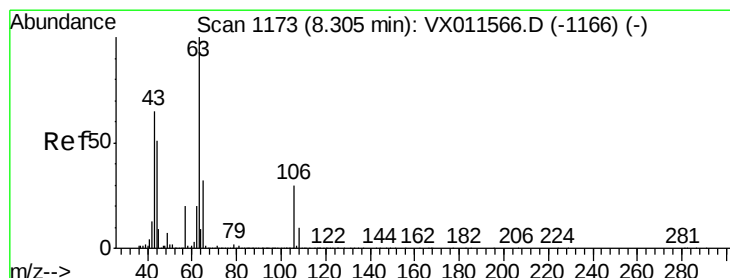
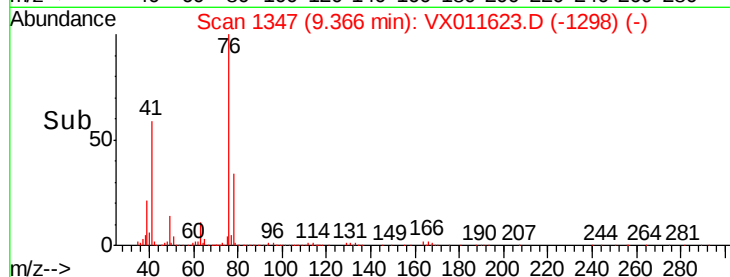
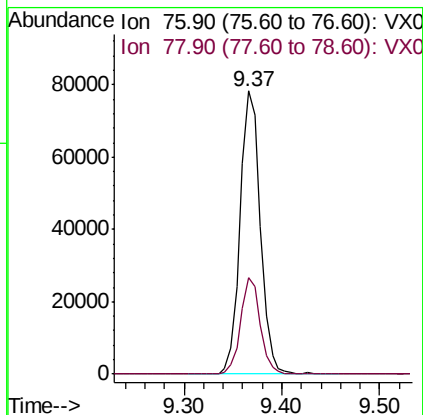
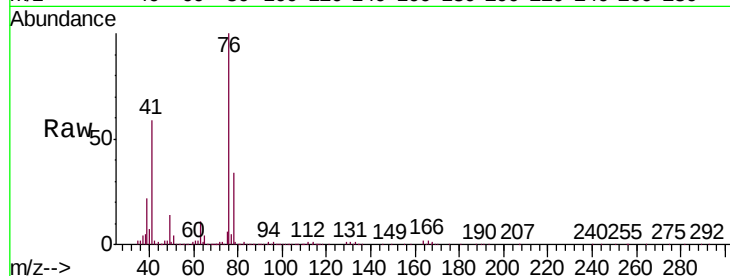
ClientSampleId :

VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.2	39.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 107.886 ug/l

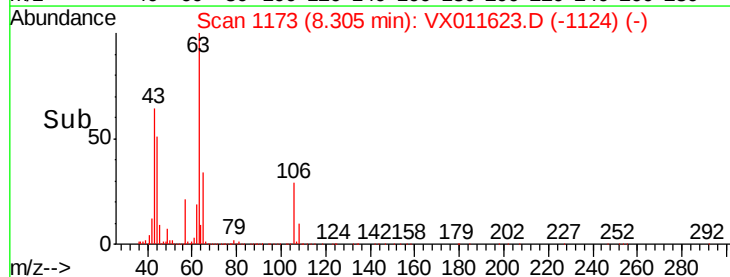
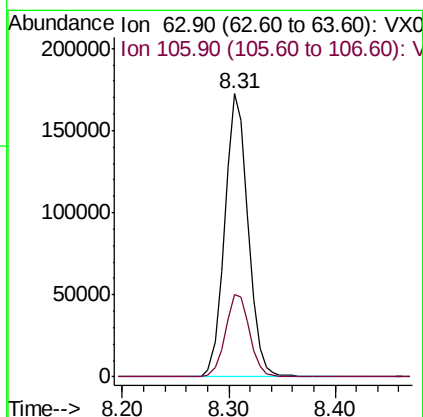
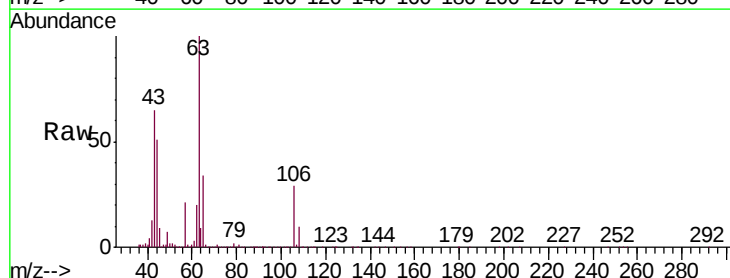
RT: 8.31 min Scan# 1173

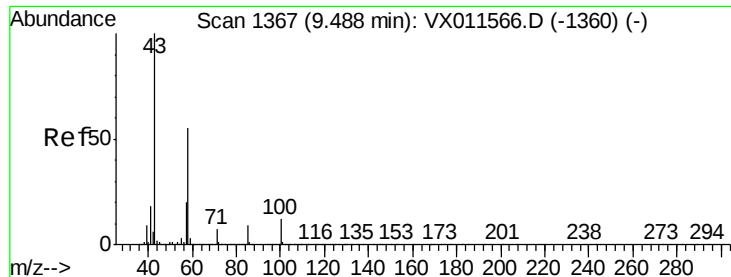
Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.7	37.1





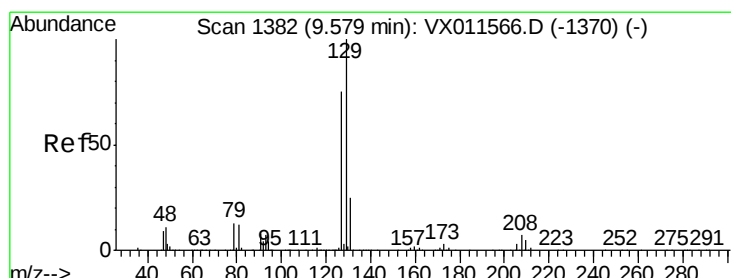
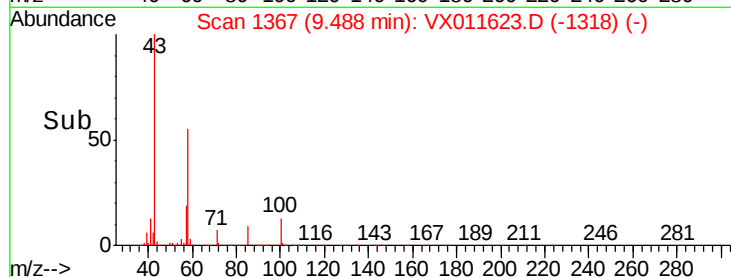
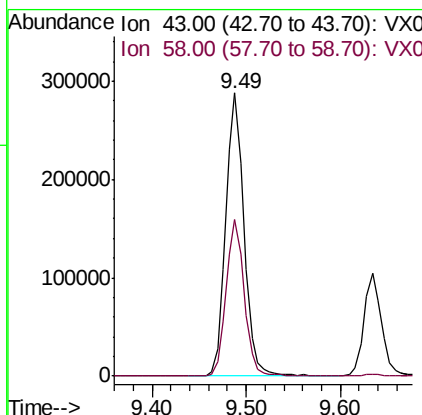
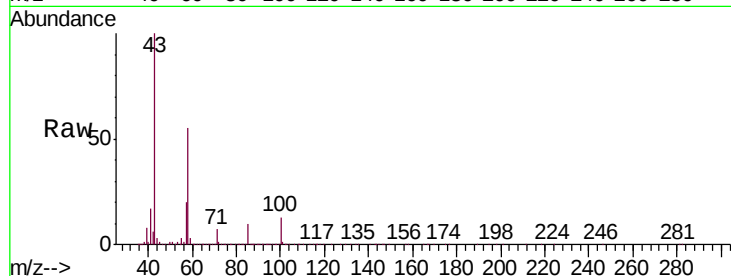
#59
2-Hexanone
Concen: 106.493 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion: 43 Resp: 387427
Ion Ratio Lower Upper
43 100
58 54.8 27.5 82.4

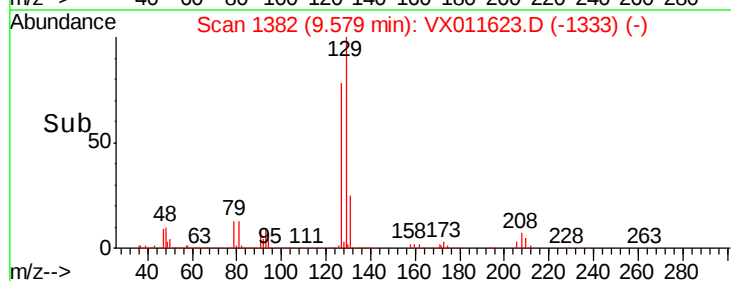
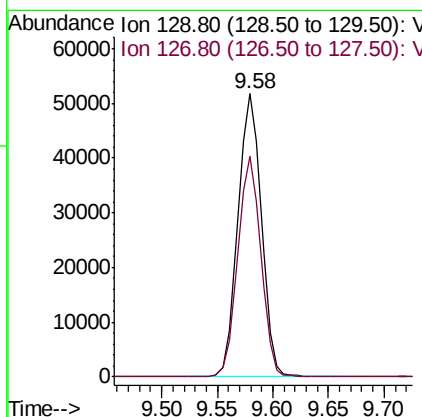
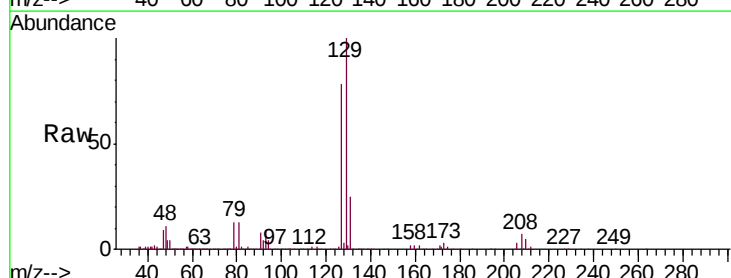
Manual Integrations
APPROVED

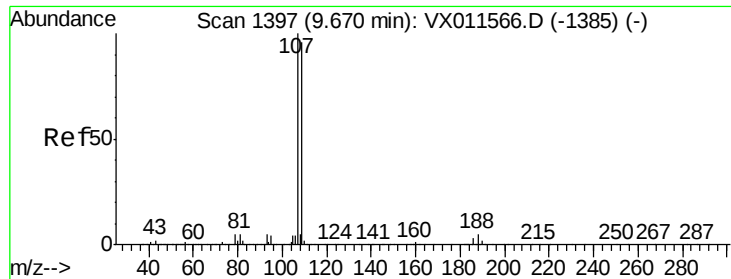
MMDadoda
8/20/2019 3:41:20 PM



#60
Dibromochloromethane
Concen: 21.510 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion: 129 Resp: 75764
Ion Ratio Lower Upper
129 100
127 77.0 38.0 114.1





#61

1,2-Dibromoethane

Concen: 20.739 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 107 Resp: 74824

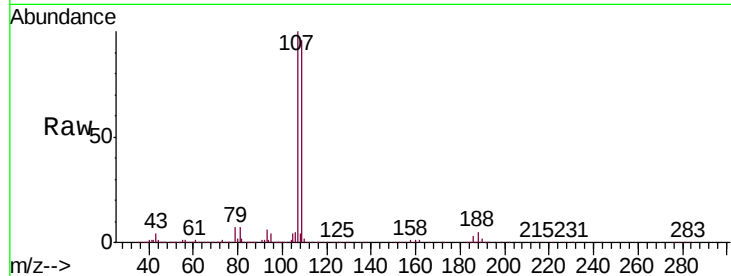
Ion Ratio Lower Upper

107 100

109 96.1 76.2 114.2

Manual Integrations
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8/20/2019 3:41:20 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

30000

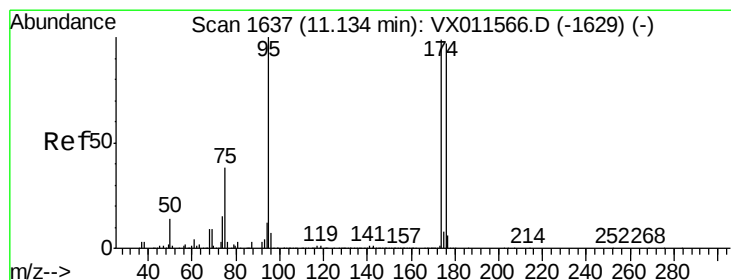
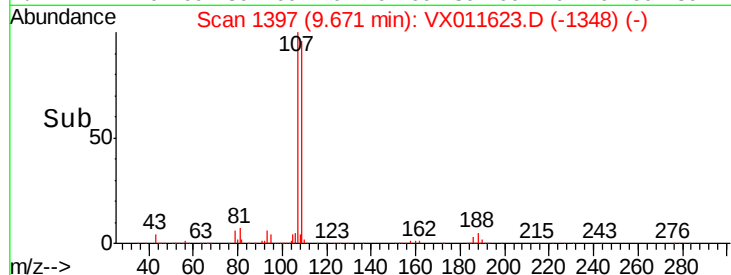
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 45.552 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

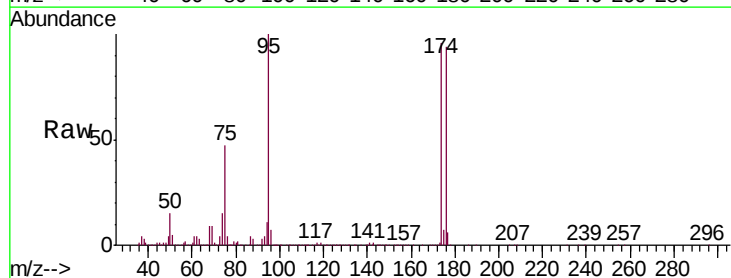
Tgt Ion: 95 Resp: 184024

Ion Ratio Lower Upper

95 100

174 97.5 0.0 200.6

176 95.2 0.0 196.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

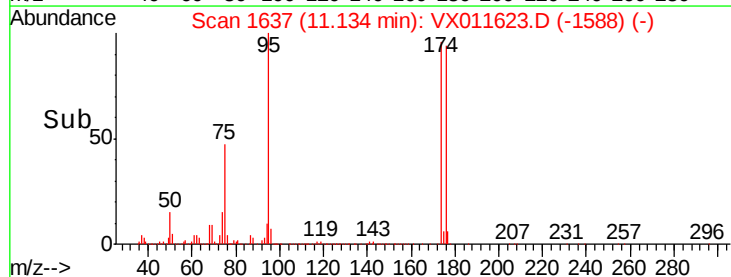
100000

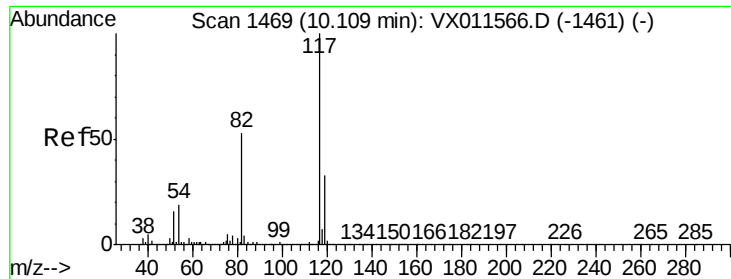
50000

0

11.10 11.20

Time-->





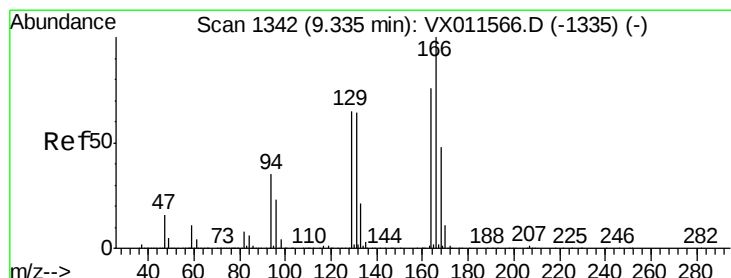
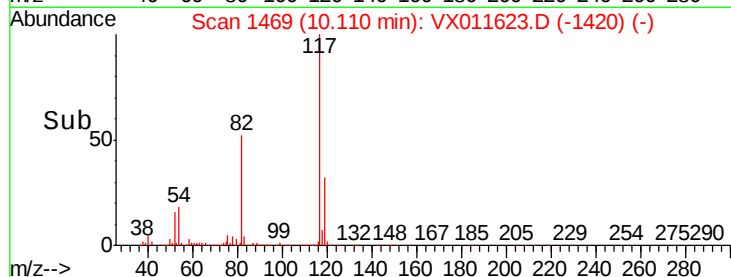
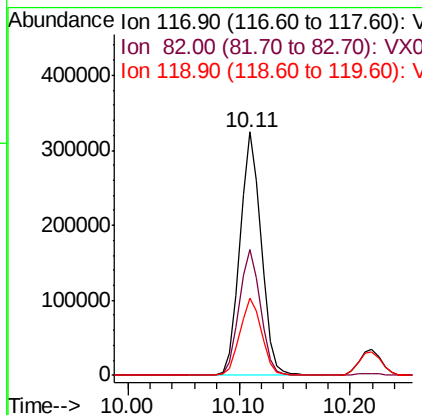
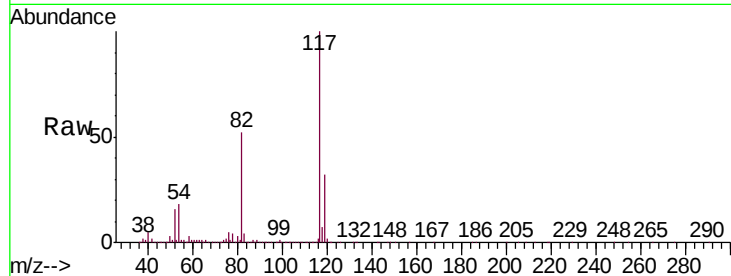
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	429183		
82	51.7	42.0	63.0	
119	31.7	26.5	39.7	

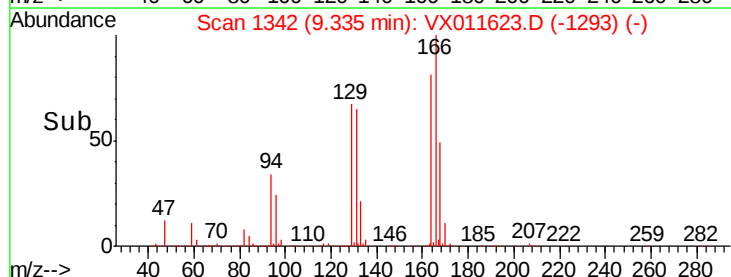
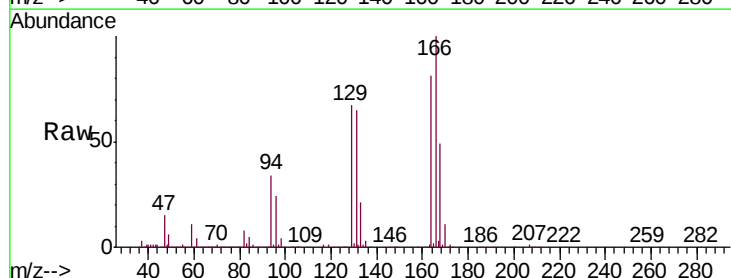
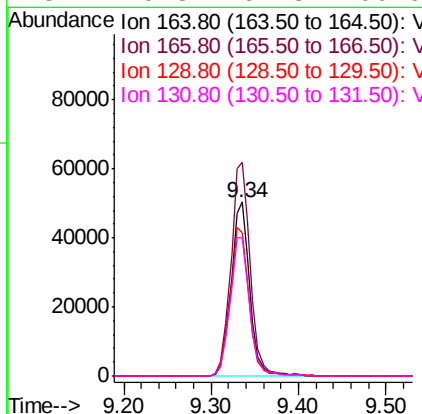
Manual Integrations
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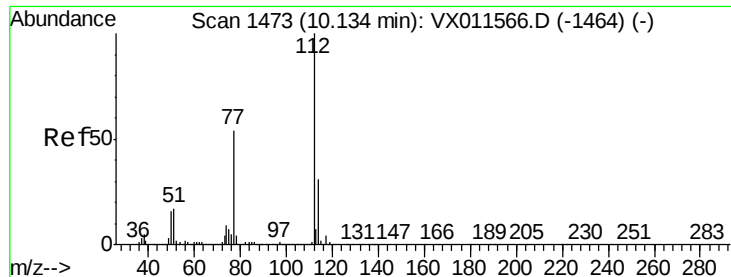
MMDadoda
8/20/2019 3:41:20 PM



#64
Tetrachloroethene
Concen: 21.393 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75334		
166	123.1	104.7	157.1	
129	82.5	68.2	102.4	
131	79.8	67.3	100.9	





#65

Chlorobenzene

Concen: 20.481 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion:112 Resp: 187483

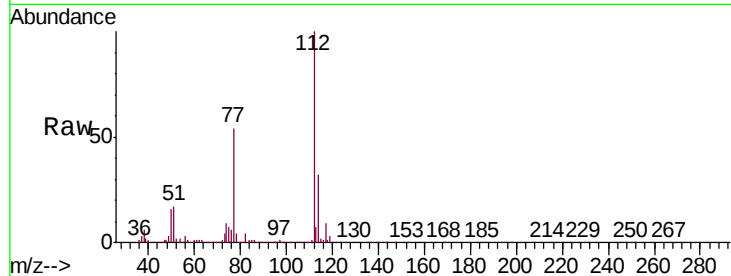
Ion Ratio Lower Upper

112 100

114 32.2 25.0 37.6

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

Ion 113.90 (113.60 to 114.60): V

150000

100000

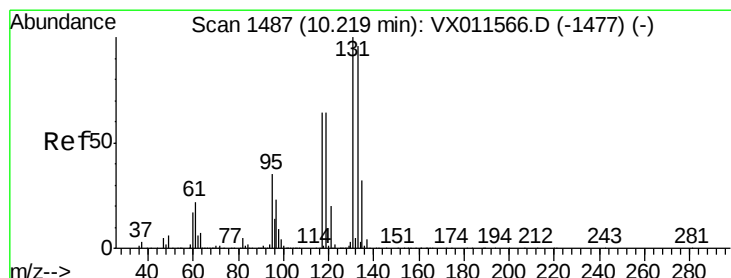
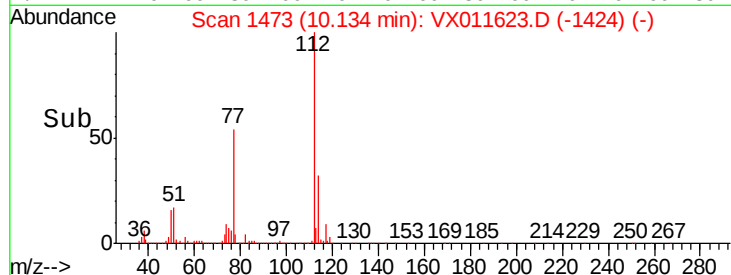
50000

0

10.13

10.10 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.854 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

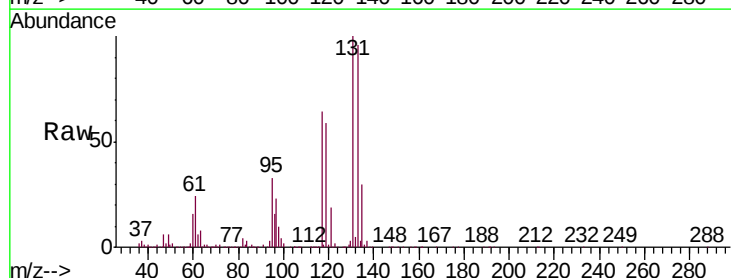
Tgt Ion:131 Resp: 71351

Ion Ratio Lower Upper

131 100

133 97.4 48.1 144.4

119 65.0 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

60000

40000

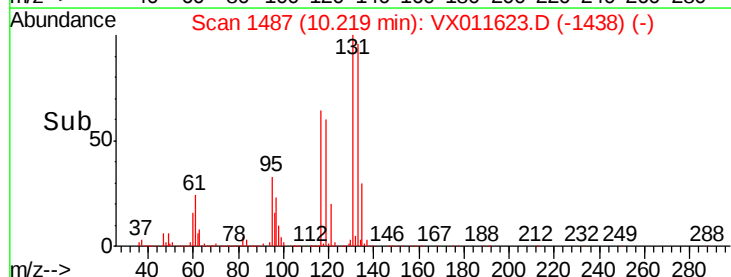
20000

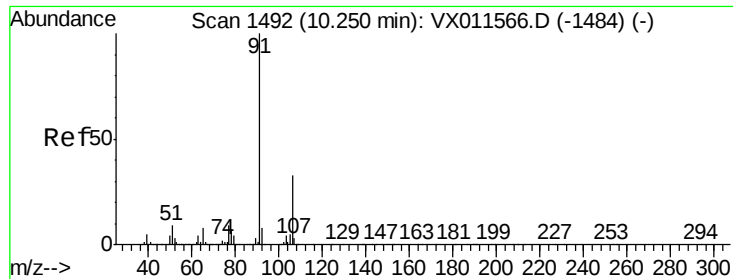
0

10.22

10.15 10.25

Time-->





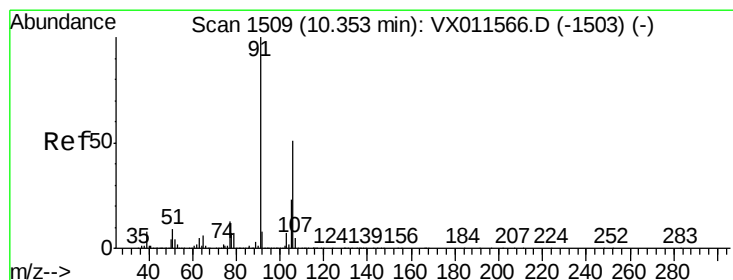
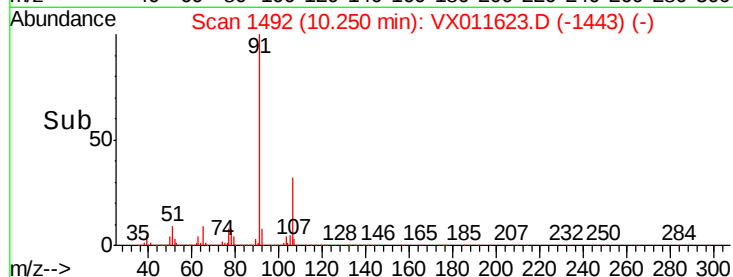
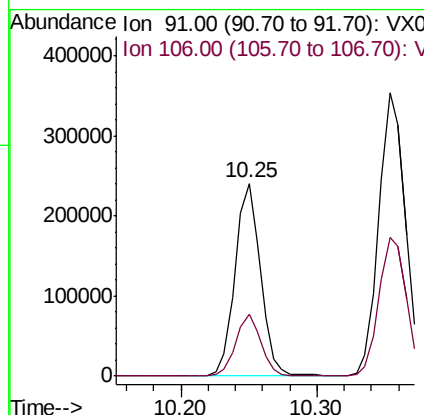
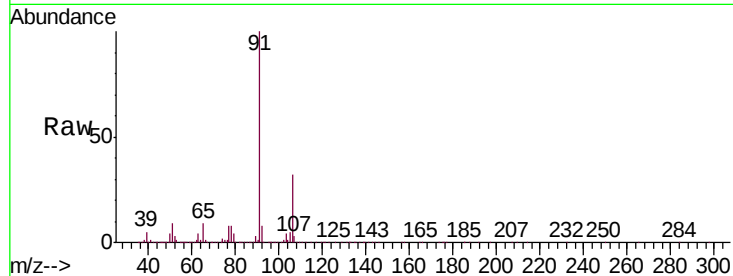
#67
Ethyl Benzene
Concen: 20.603 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion: 91 Resp: 314754
Ion Ratio Lower Upper
91 100
106 32.0 26.0 39.0

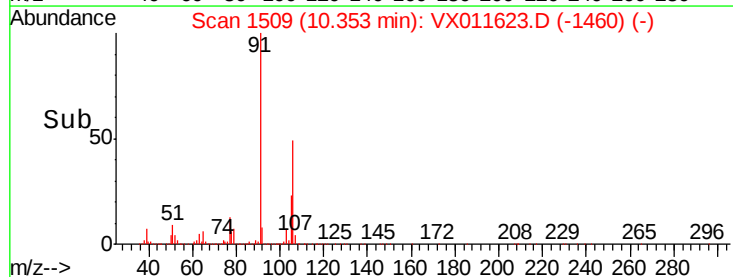
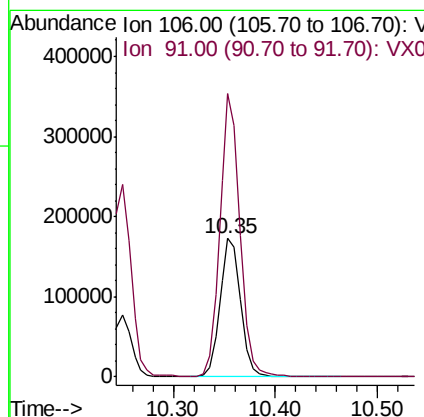
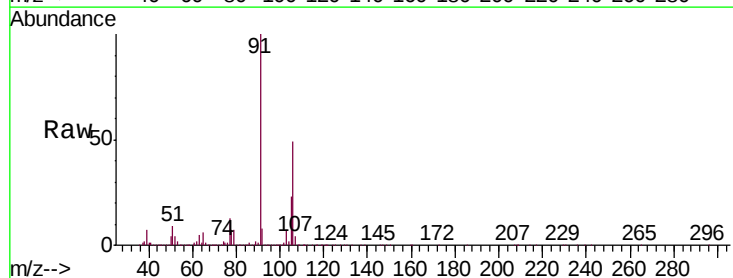
Manual Integrations
APPROVED

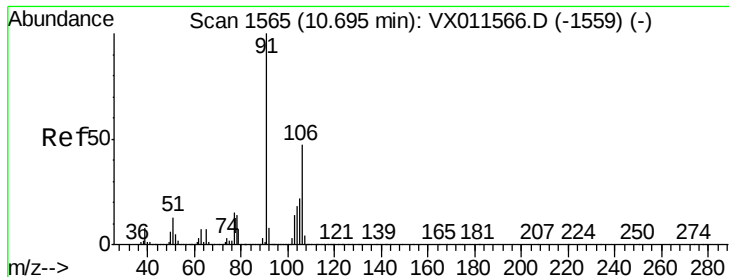
MMDadoda
8/20/2019 3:41:20 PM



#68
m/p-Xylenes
Concen: 41.826 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion: 106 Resp: 245278
Ion Ratio Lower Upper
106 100
91 198.0 156.0 234.0





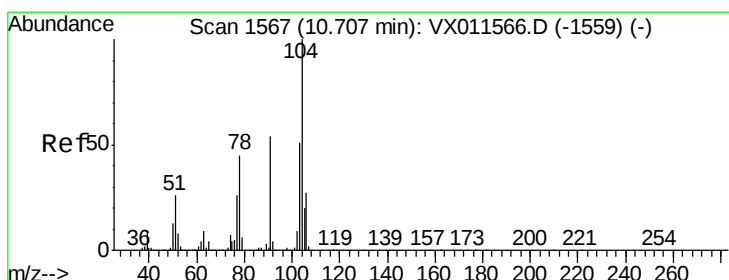
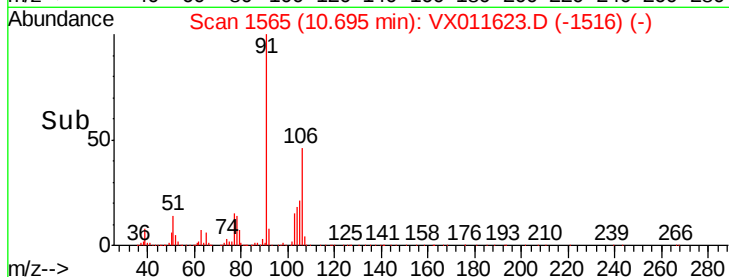
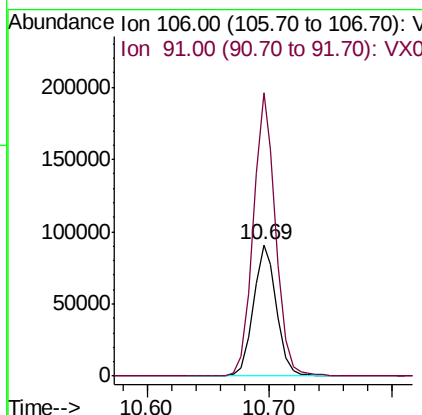
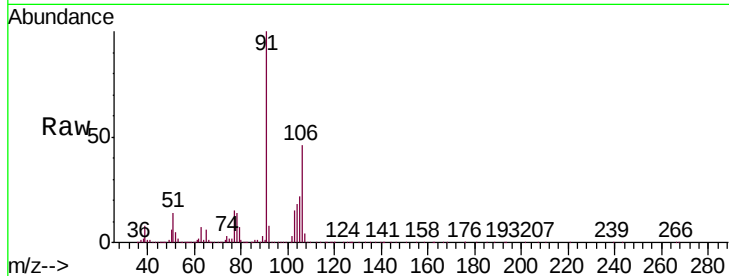
#69
o-Xylene
Concen: 20.779 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	119361		
91	209.6	105.5	316.4	

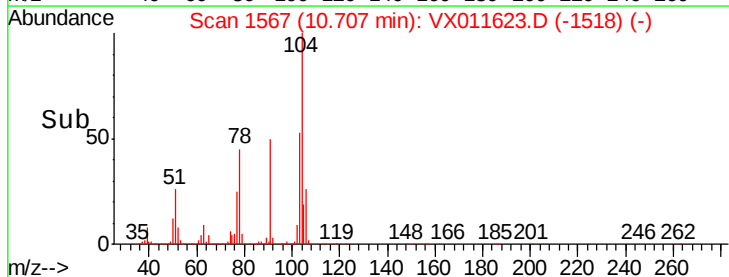
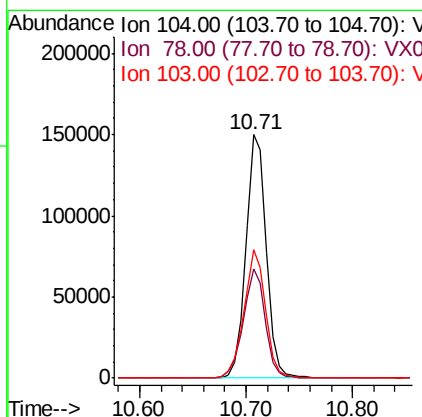
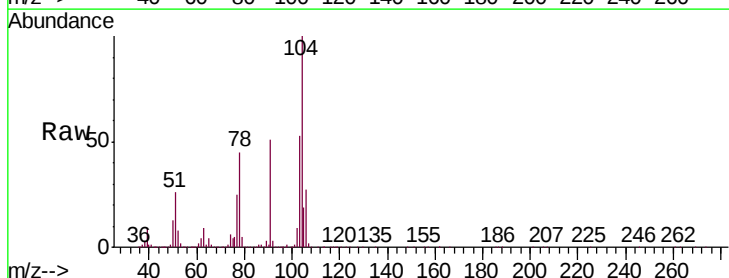
Manual Integrations
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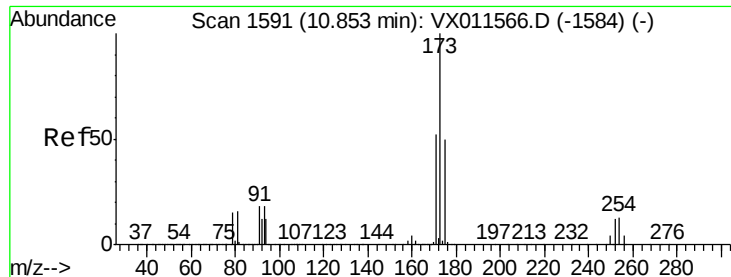
MMDadoda
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#70
Styrene
Concen: 20.884 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	201952		
78	48.3	38.2	57.4	
103	56.2	43.6	65.4	





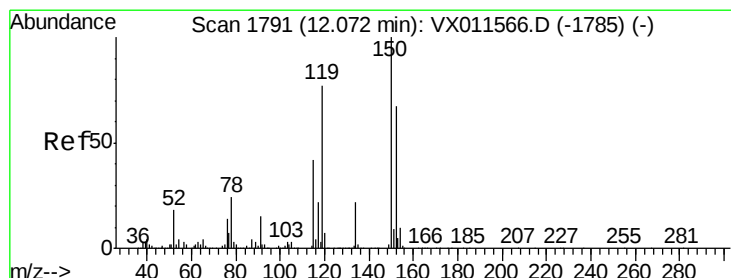
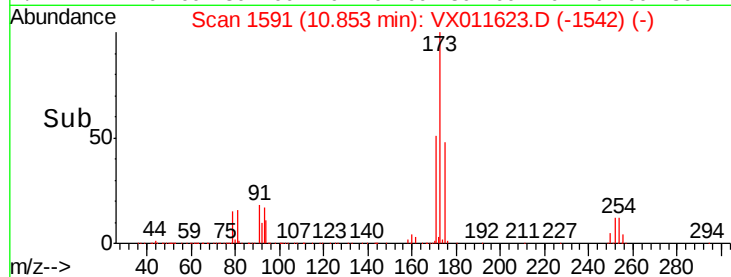
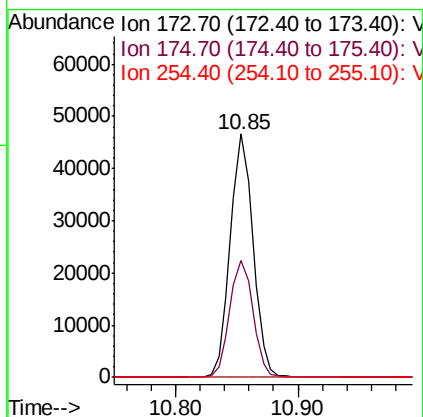
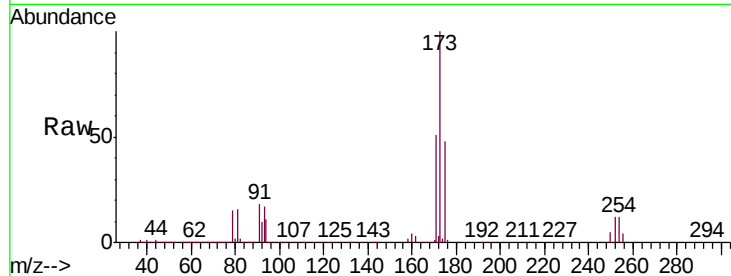
#71
Bromoform
Concen: 20.268 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	60424		
175	49.2	24.9	74.7	
254	0.3	0.1	0.1#	

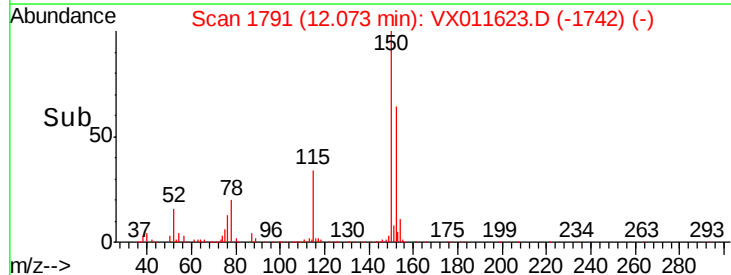
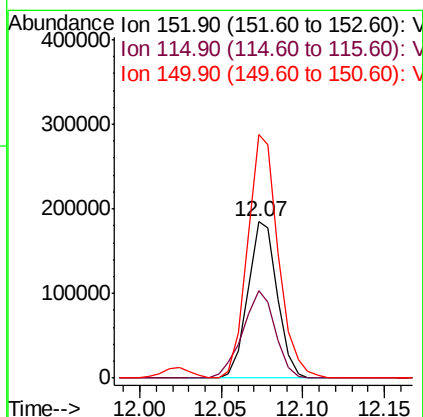
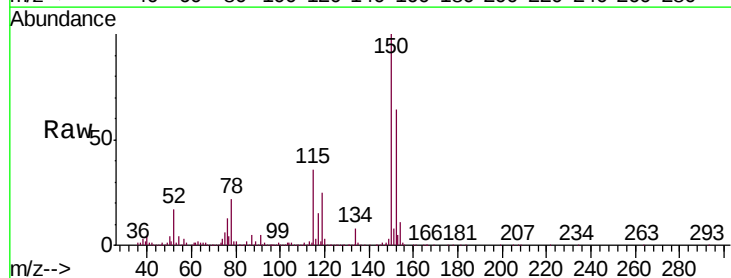
Manual Integrations
APPROVED

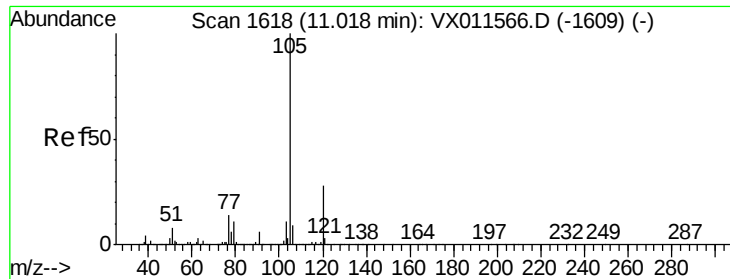
MMDadoda
8/20/2019 3:41:20 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	232985		
115	61.8	37.3	111.9	
150	162.5	0.0	346.2	





#73

Isopropylbenzene

Concen: 21.245 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 105 Resp: 321186

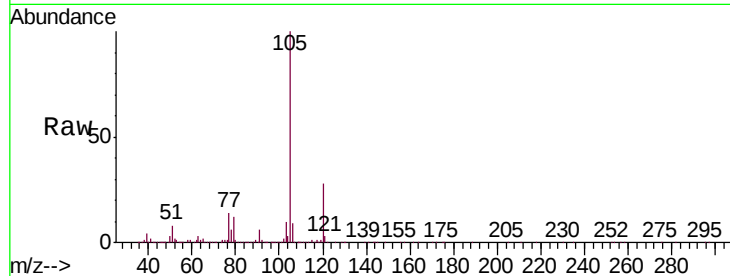
Ion Ratio Lower Upper

105 100

120 27.2 14.0 41.9

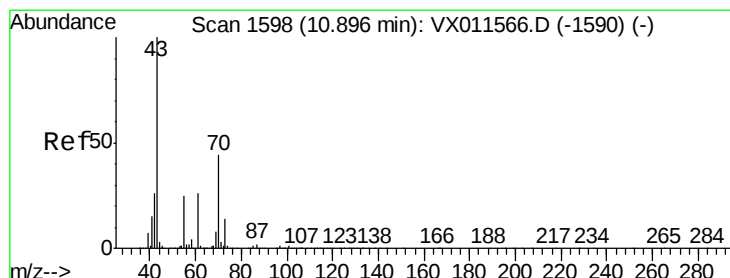
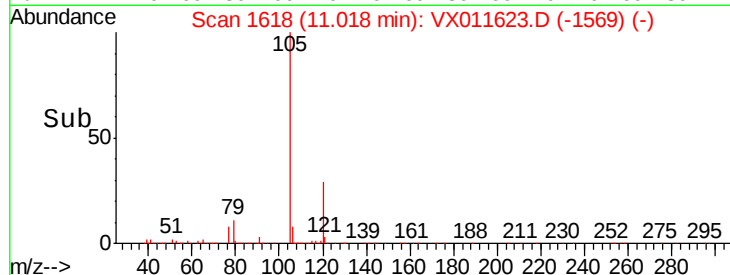
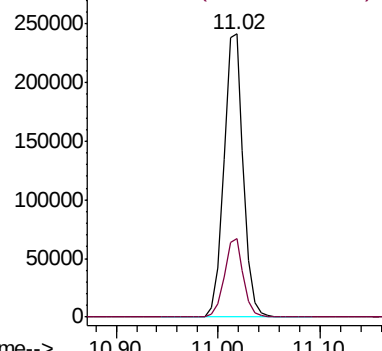
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.579 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Tgt Ion: 43 Resp: 125788

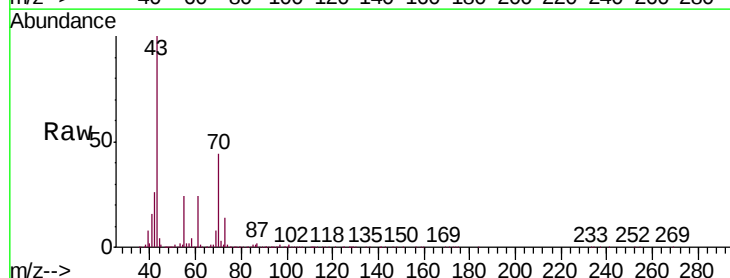
Ion Ratio Lower Upper

43 100

70 42.6 34.7 52.1

55 24.3 19.6 29.4

61 24.5 19.9 29.9

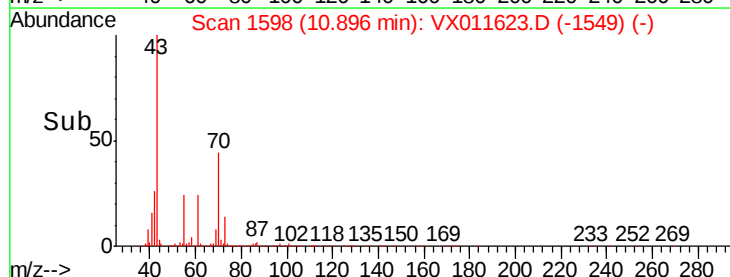
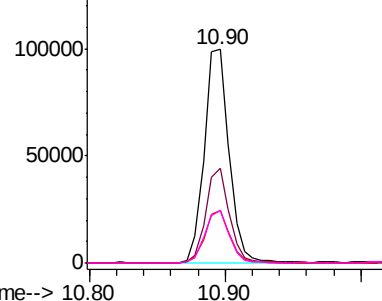


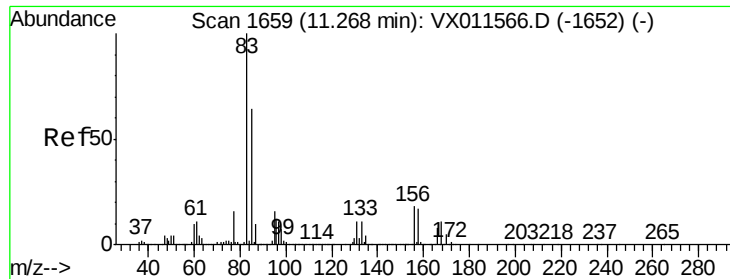
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.654 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 83 Resp: 107416

Ion Ratio Lower Upper

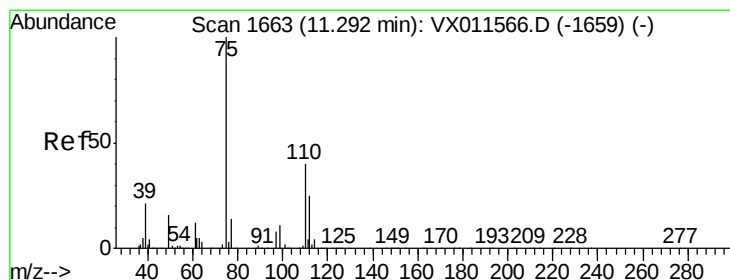
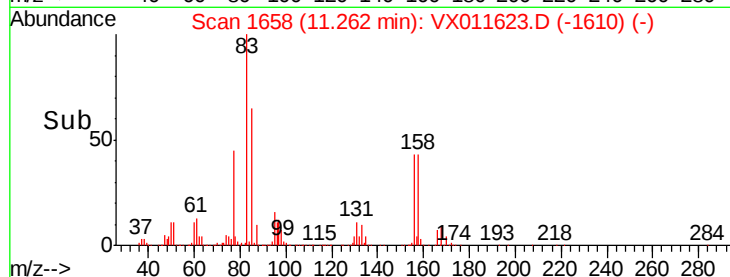
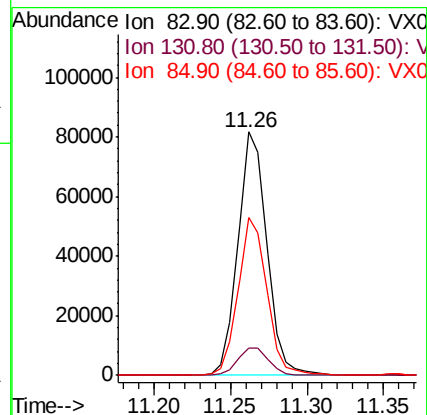
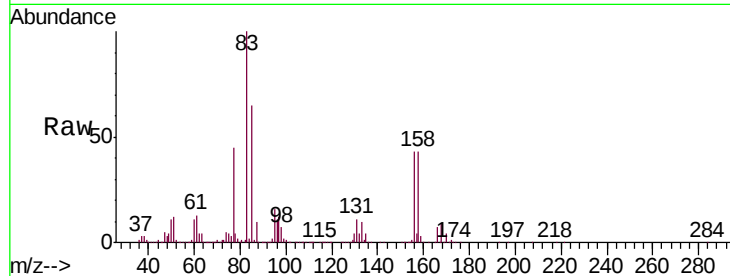
83 100

131 12.2 5.8 17.3

85 64.5 31.9 95.9

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#76

1,2,3-Trichloropropane

Concen: 20.956 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011623.D

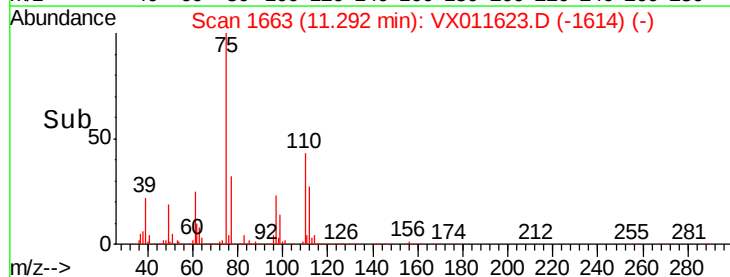
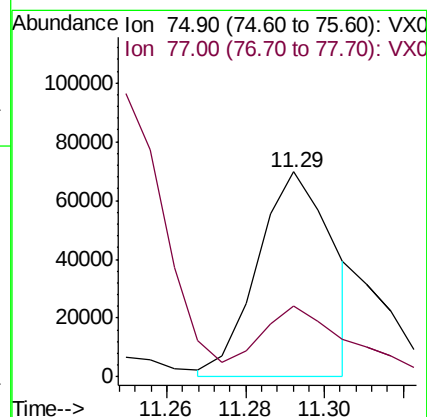
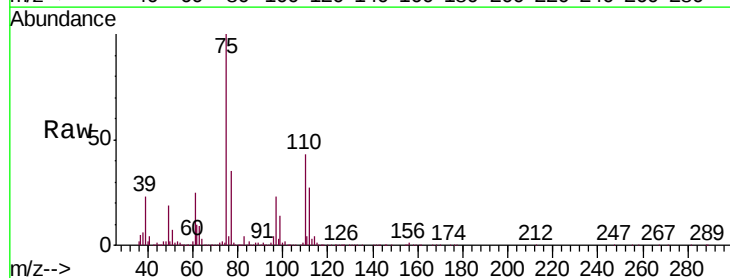
Acq: 19 Aug 2019 11:47

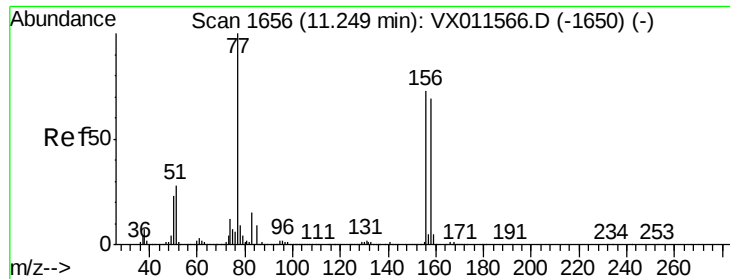
Tgt Ion: 75 Resp: 92584

Ion Ratio Lower Upper

75 100

77 40.9 20.9 62.8





#77

Bromobenzene

Concen: 20.832 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

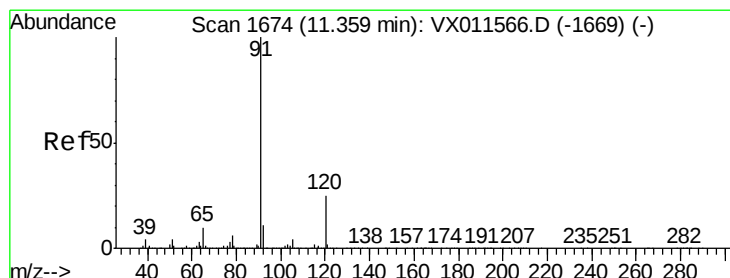
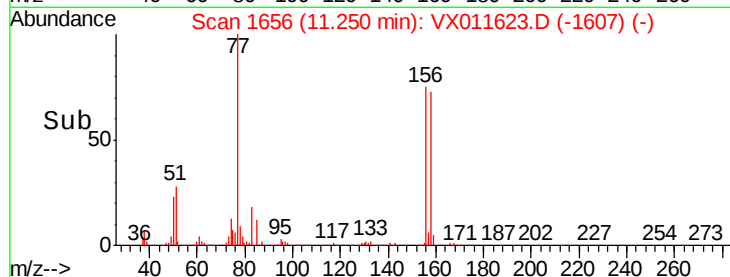
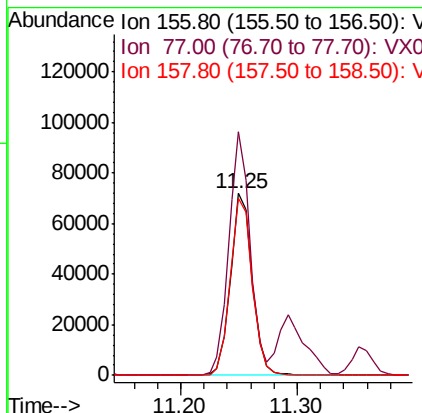
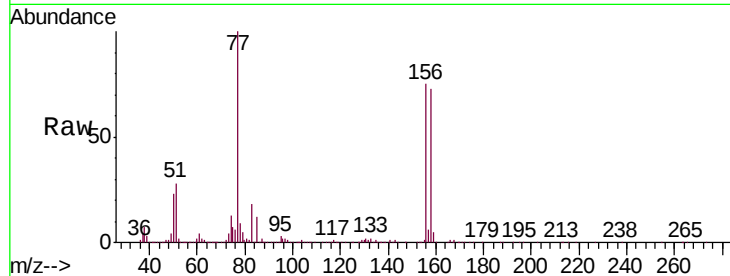
ClientSampleId :

VX0819MBS01

Tgt Ion:	156	Resp:	93698
Ion Ratio	Lower	Upper	
156	100		
77	130.3	64.6	193.9
158	98.5	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 21.283 ug/l

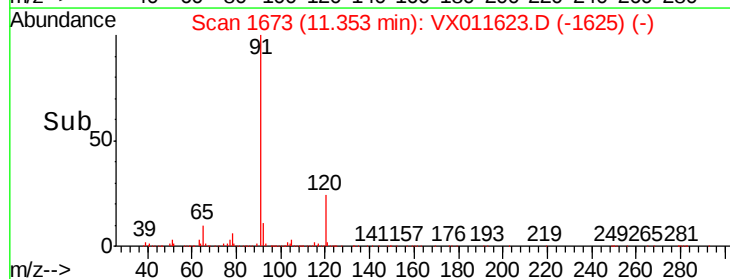
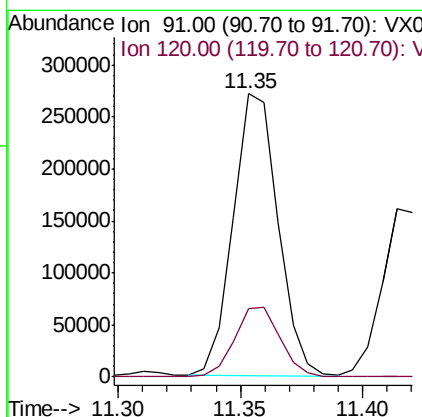
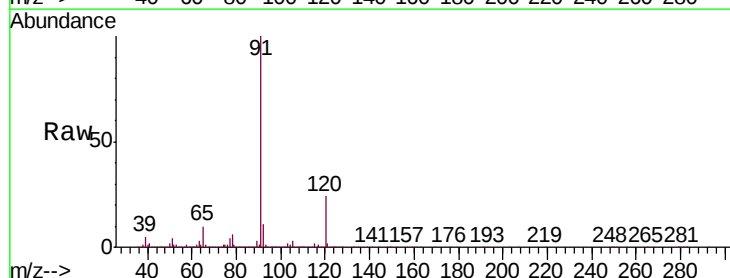
RT: 11.35 min Scan# 1673

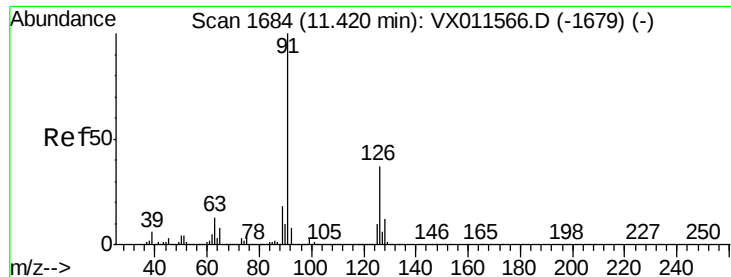
Delta R.T. -0.01 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Tgt Ion:	91	Resp:	346955
Ion Ratio	Lower	Upper	
91	100		
120	25.1	12.6	37.6





#79

2-Chlorotoluene

Concen: 21.143 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. -0.01 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819MBS01

Tgt Ion: 91 Resp: 211642

Ion Ratio Lower Upper

91 100

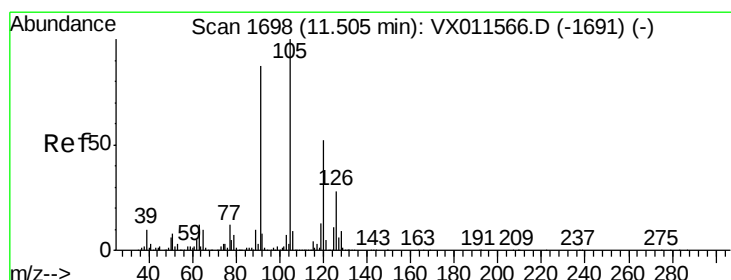
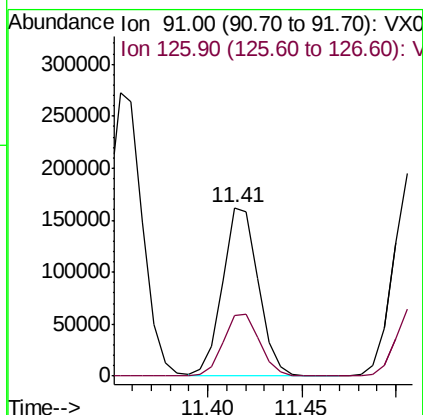
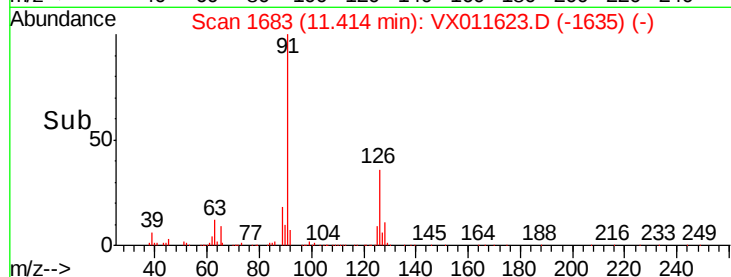
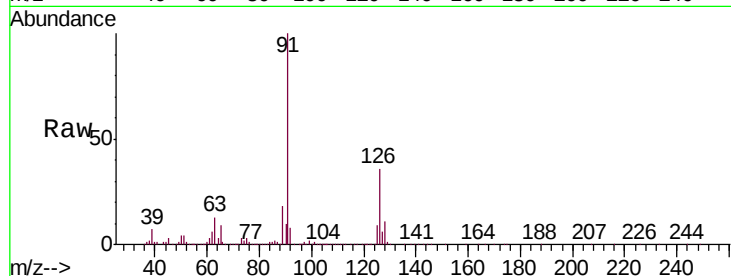
126 37.8 18.4 55.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.367 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011623.D

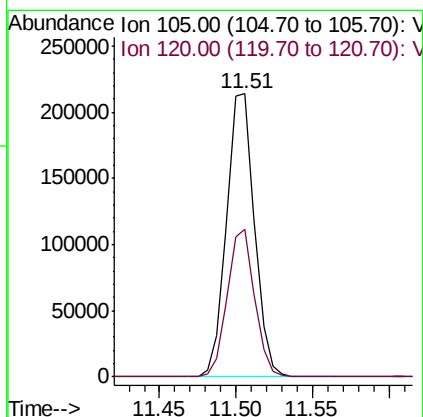
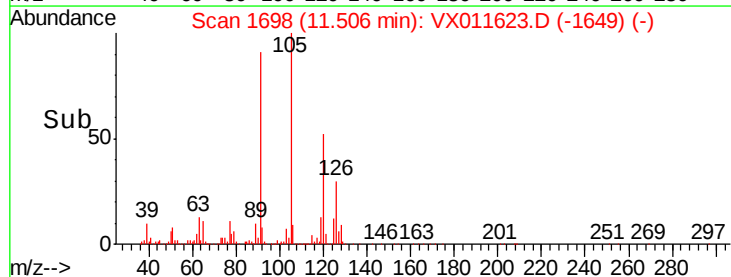
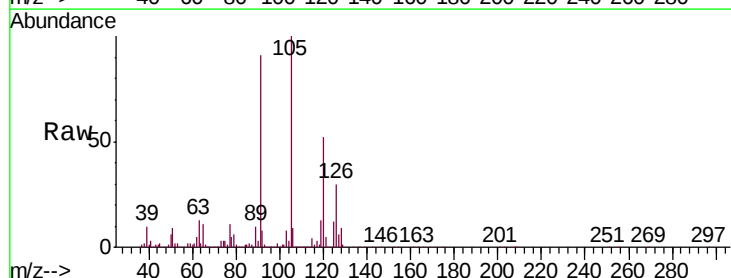
Acq: 19 Aug 2019 11:47

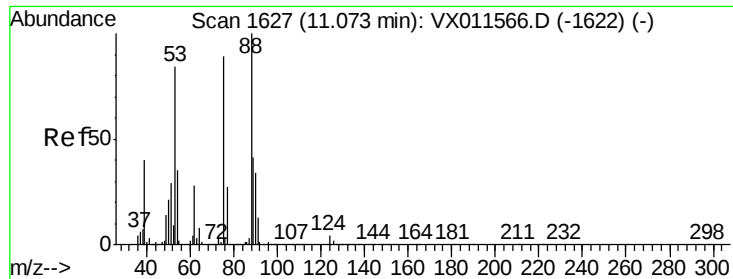
Tgt Ion: 105 Resp: 271355

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.168 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Instrument :

MSVOA_X

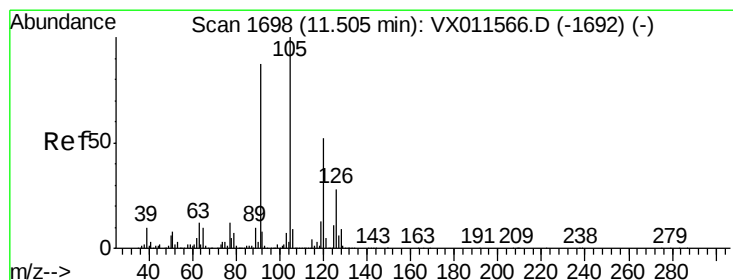
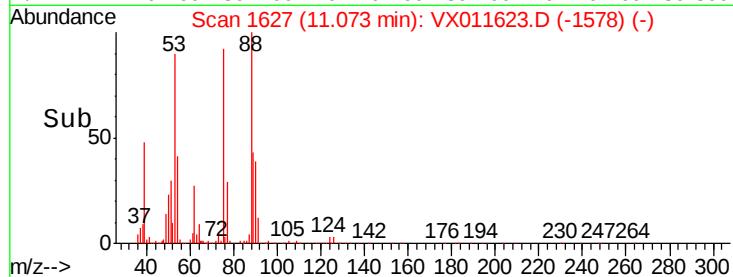
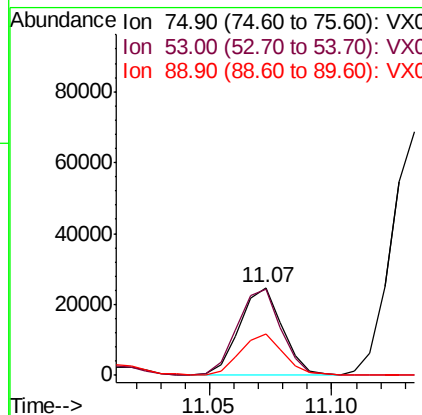
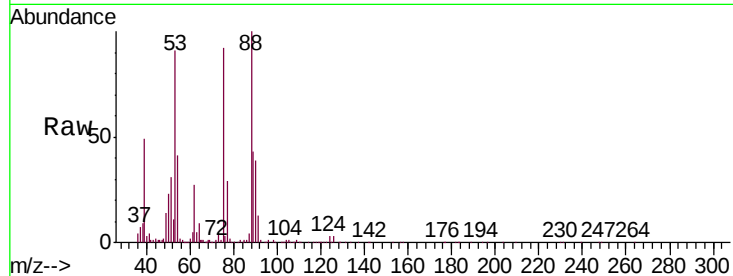
ClientSampleId :

VX0819MBS01

Tgt Ion:	75	Resp:	29888
Ion Ratio	Lower	Upper	
75	100		
53	101.1	77.4	116.0
89	49.4	37.3	55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.110 ug/l

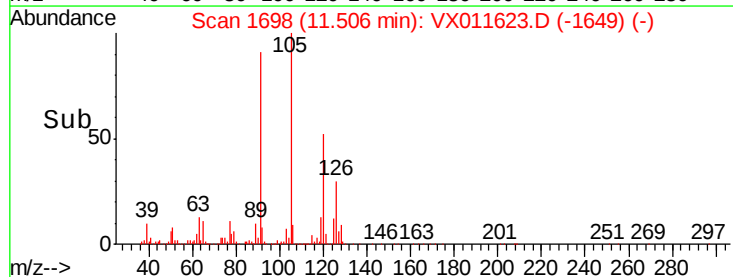
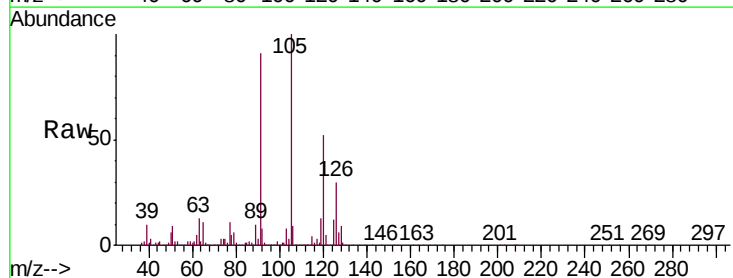
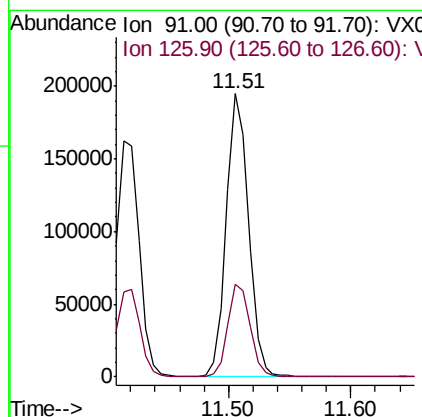
RT: 11.51 min Scan# 1698

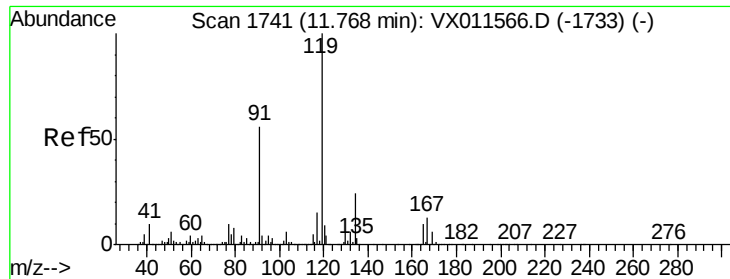
Delta R.T. 0.00 min

Lab File: VX011623.D

Acq: 19 Aug 2019 11:47

Tgt Ion:	91	Resp:	245153
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.4	49.1





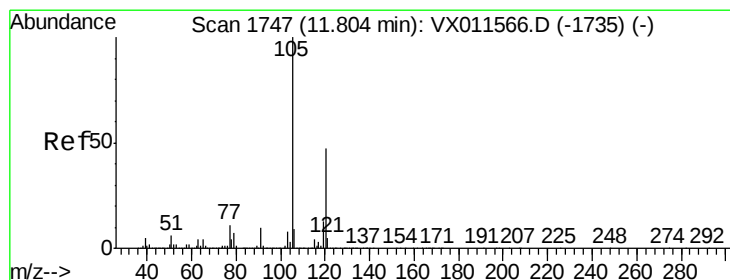
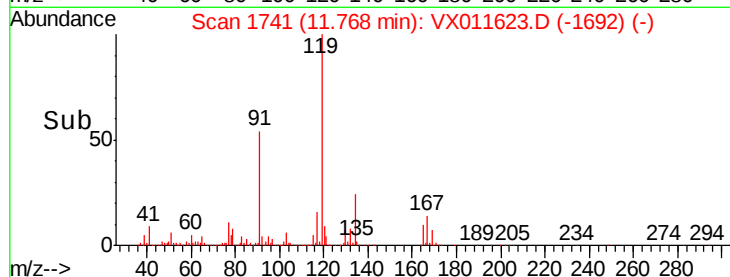
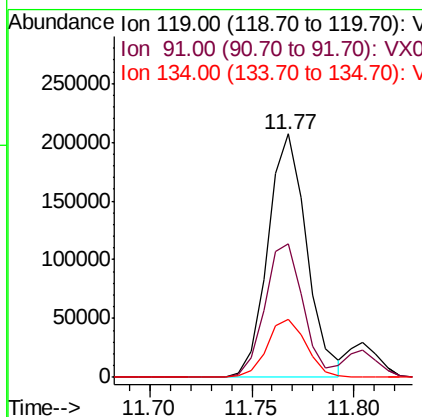
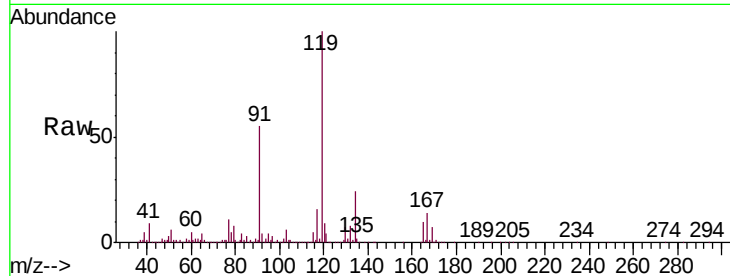
#83
 tert-Butylbenzene
 Concen: 21.231 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	274615		
91	53.5	27.1	81.3	
134	24.0	11.8	35.3	

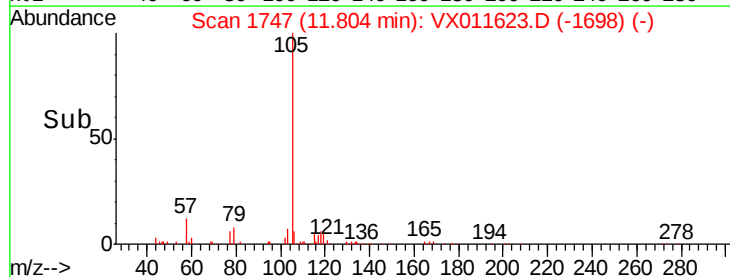
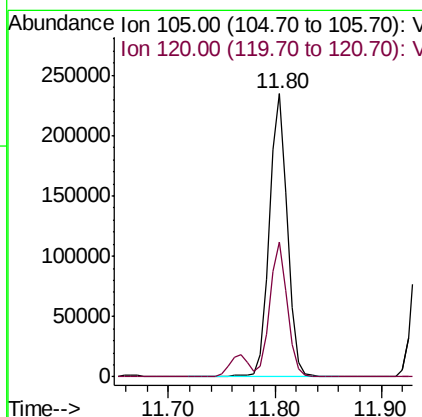
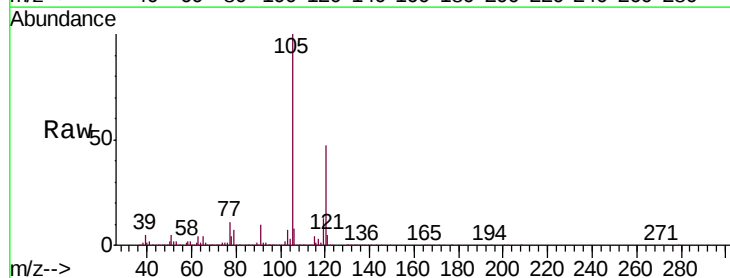
Manual Integrations
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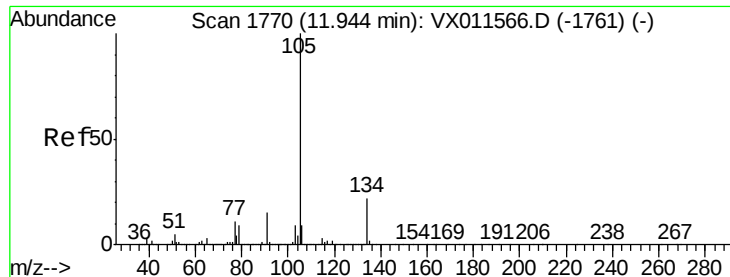
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.693 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	276580		
120	46.4	23.3	69.9	





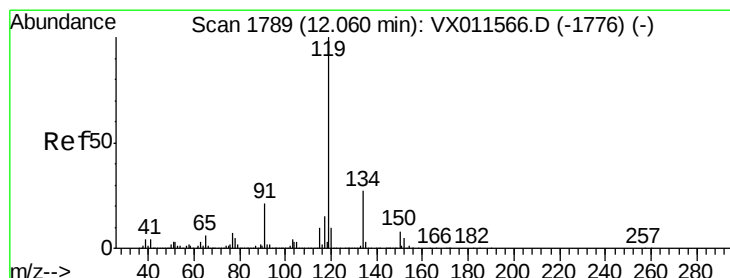
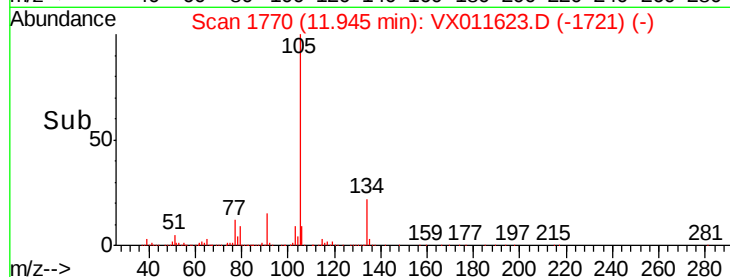
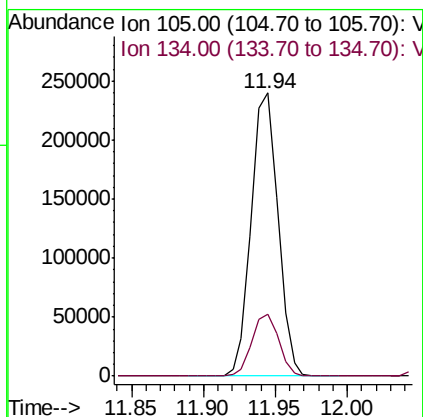
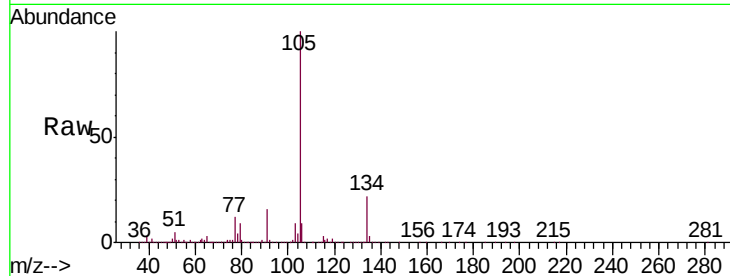
#85
 sec-Butylbenzene
 Concen: 21.081 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.8	10.8	32.4

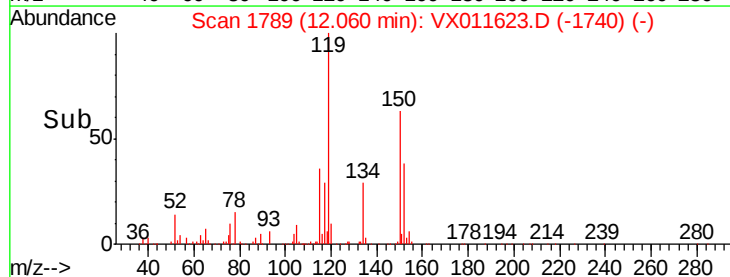
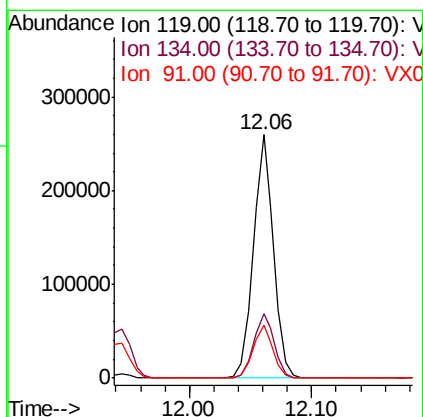
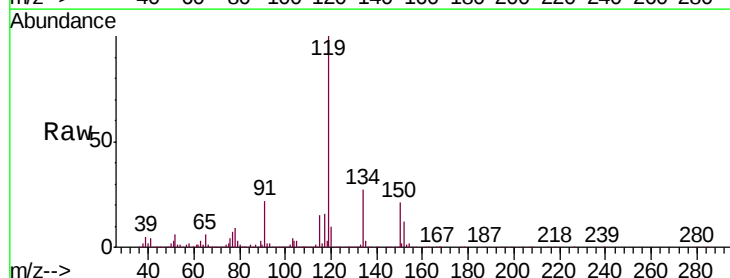
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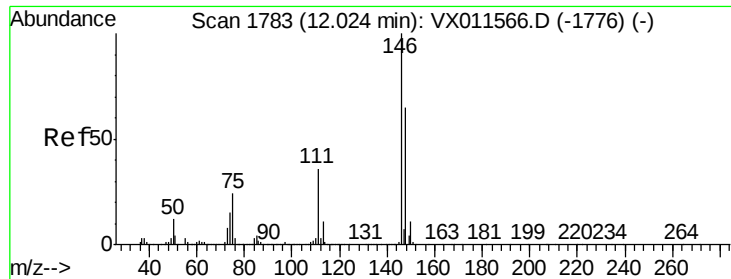
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#86
 p-Isopropyltoluene
 Concen: 21.592 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.6	40.8
91	21.9	10.9	32.9





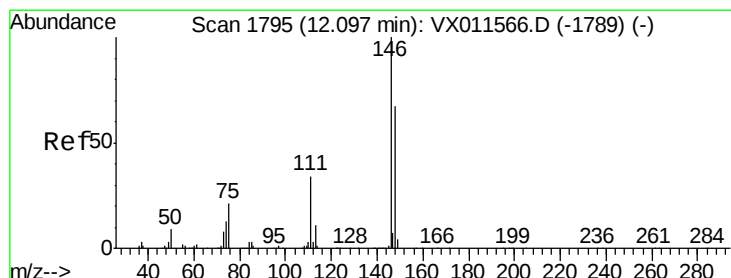
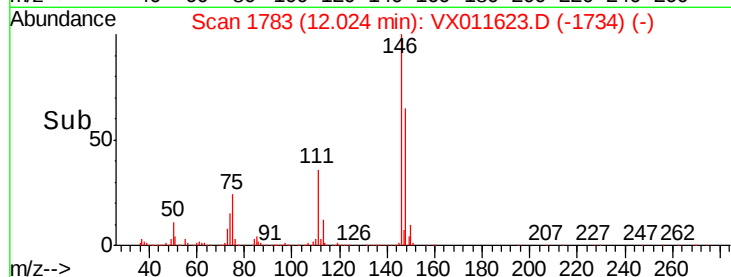
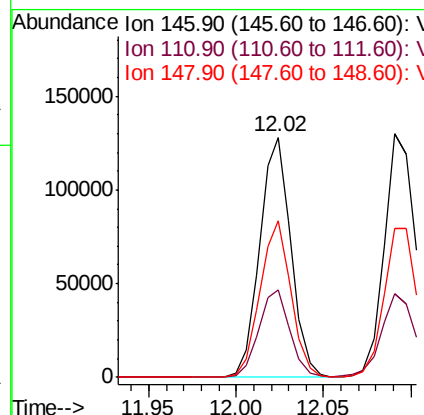
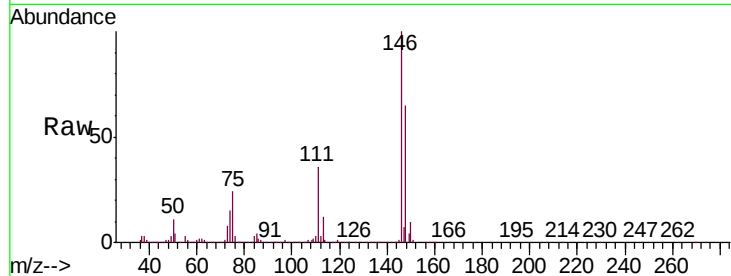
#87
 1,3-Dichlorobenzene
 Concen: 20.670 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159808		
111	36.4	18.1	54.4	
148	64.7	32.0	96.0	

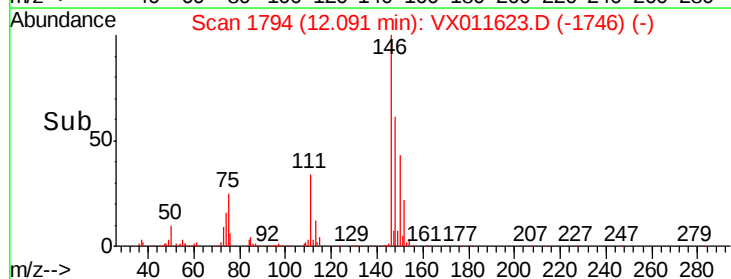
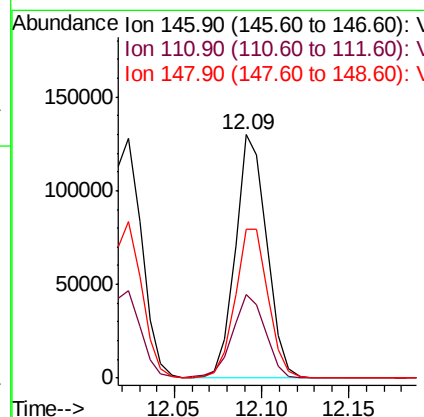
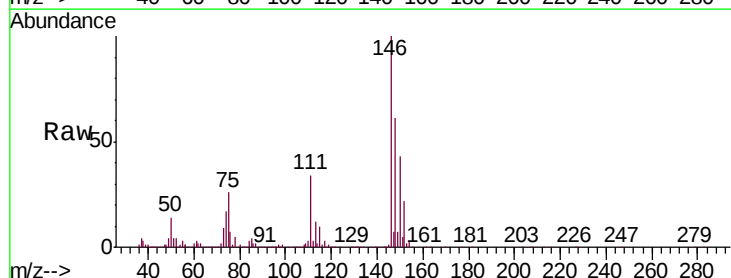
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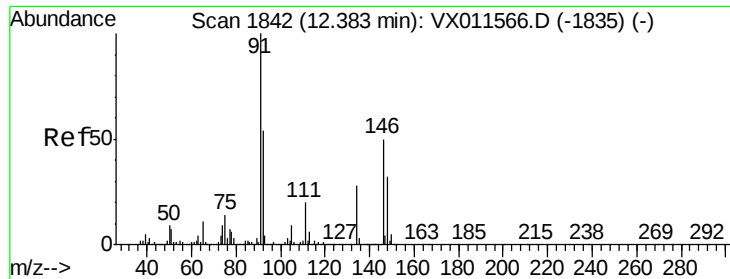
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#88
 1,4-Dichlorobenzene
 Concen: 20.576 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	161227		
111	36.1	17.9	53.7	
148	64.6	32.5	97.5	





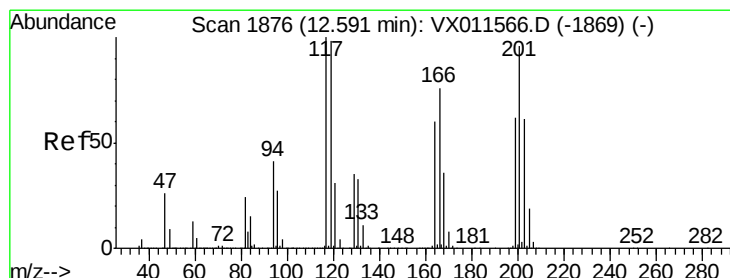
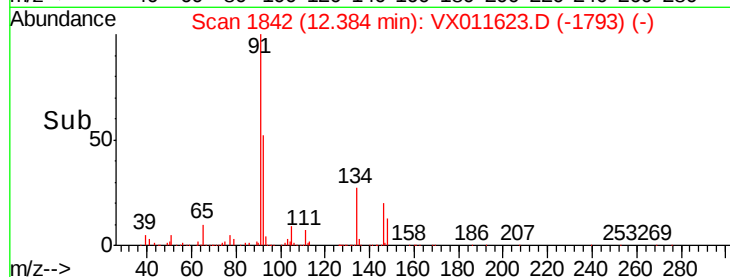
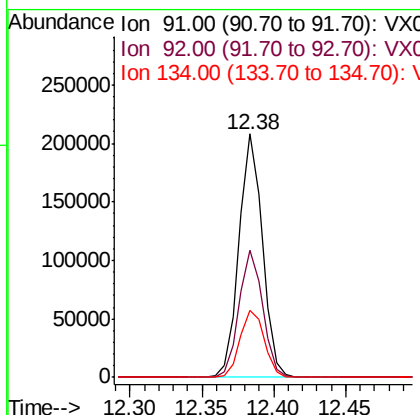
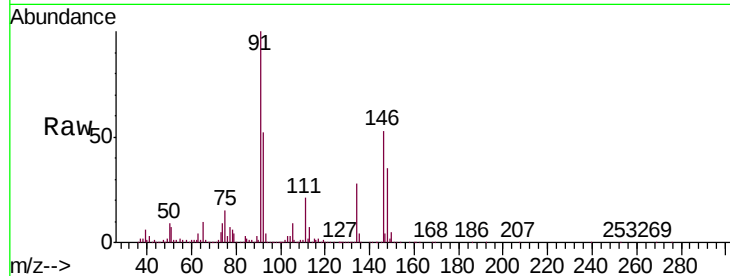
#89
n-Butylbenzene
Concen: 20.879 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	235661		
92	52.9	26.8	80.3	
134	28.9	14.6	44.0	

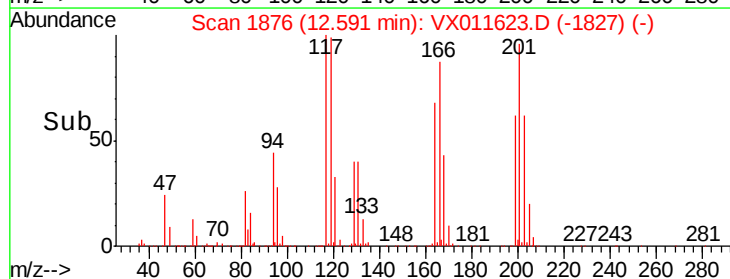
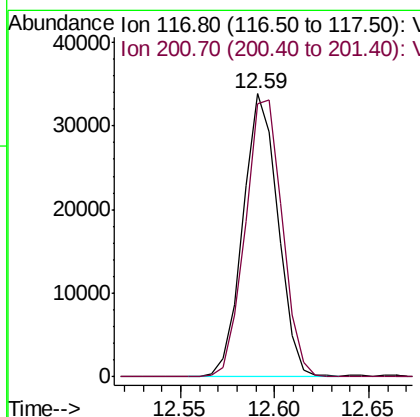
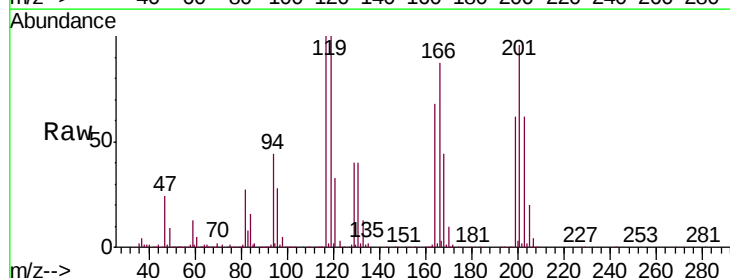
Manual Integrations
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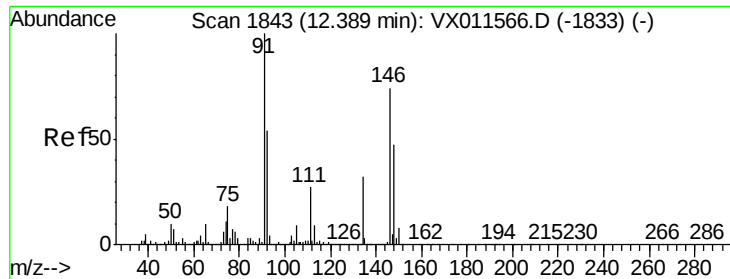
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#90
Hexachloroethane
Concen: 20.199 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	43791		
201	103.0	51.9	155.7	





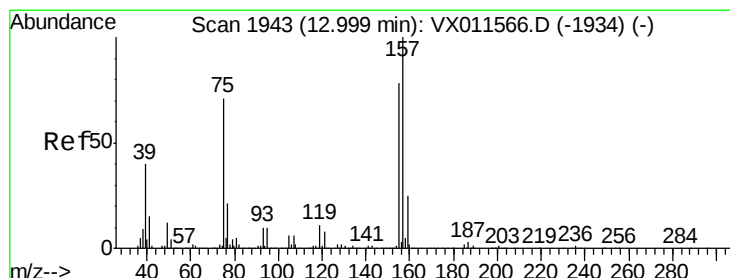
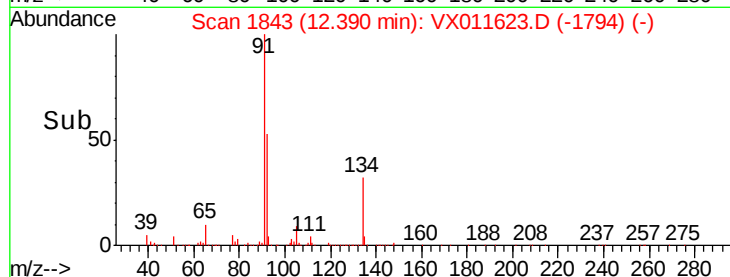
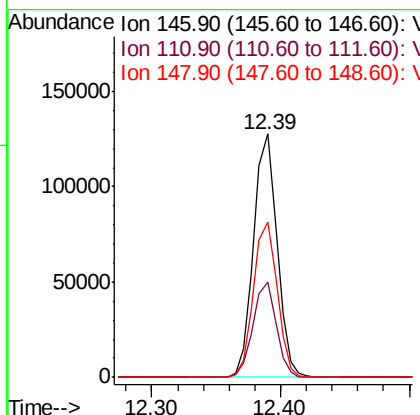
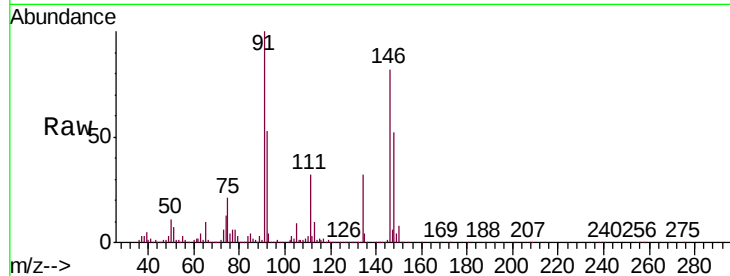
#91
 1,2-Dichlorobenzene
 Concen: 20.577 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159692		
111	38.7	18.9	56.7	
148	64.8	31.9	95.9	

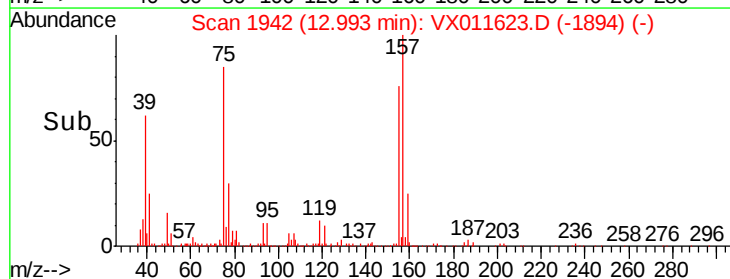
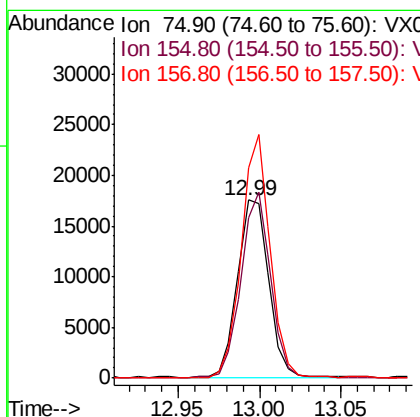
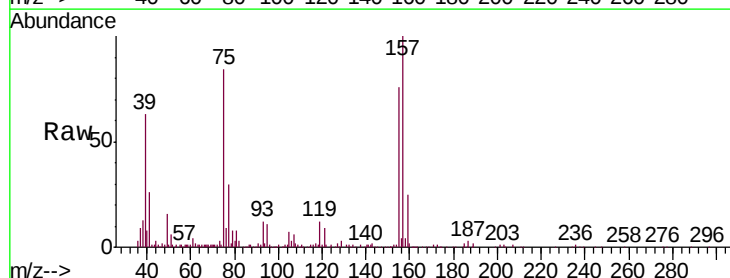
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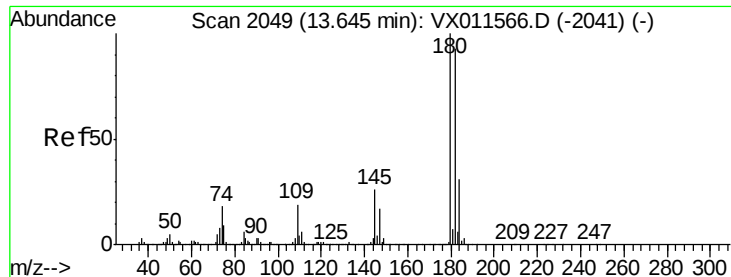
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.704 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011623.D
 Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	23444		
155	99.7	53.0	159.0	
157	125.6	68.3	205.1	





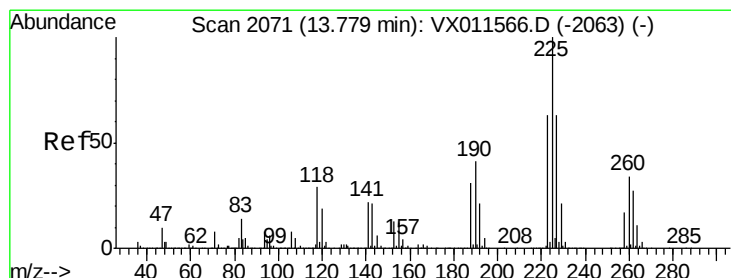
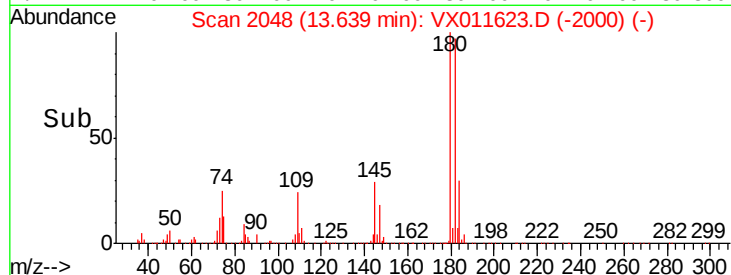
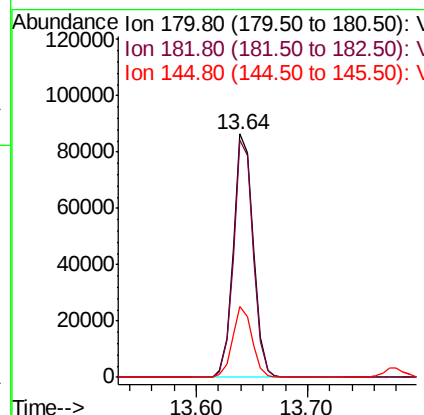
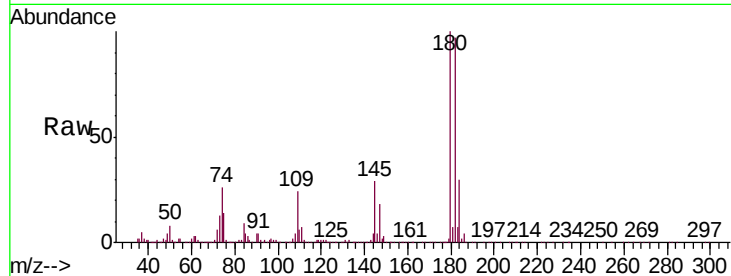
#93
1,2,4-Trichlorobenzene
Concen: 18.430 ug/l
RT: 13.64 min Scan# 2048
Delta R.T. -0.01 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106575		
182	96.1	47.3	142.0	
145	28.6	13.6	40.8	

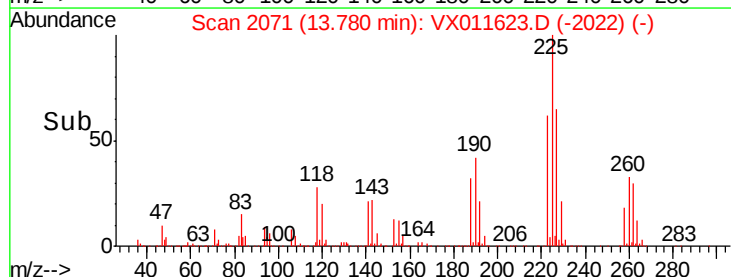
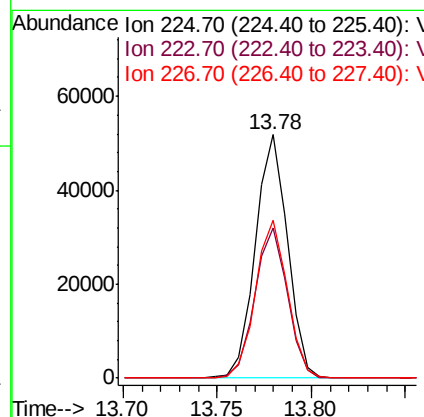
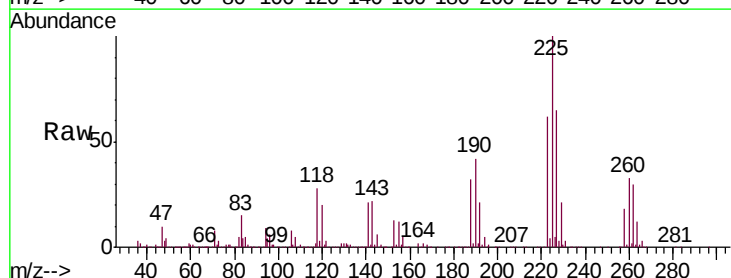
Manual Integrations
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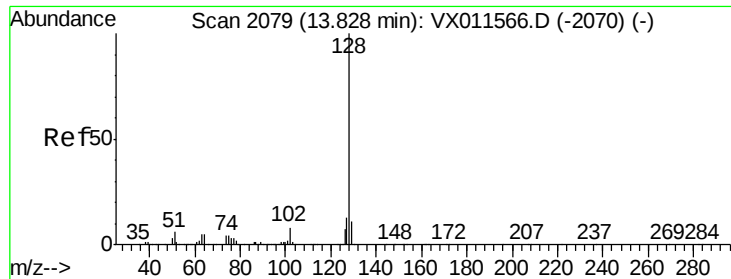
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#94
Hexachlorobutadiene
Concen: 19.465 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61289		
223	62.4	31.4	94.0	
227	64.5	31.2	93.6	





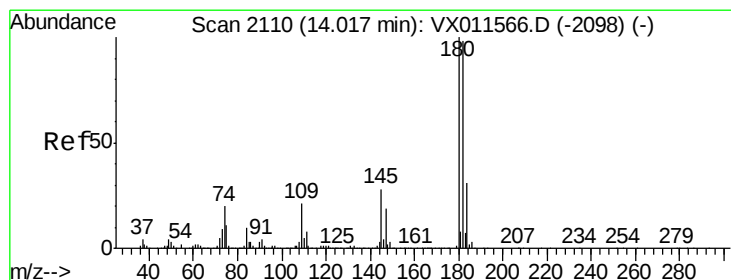
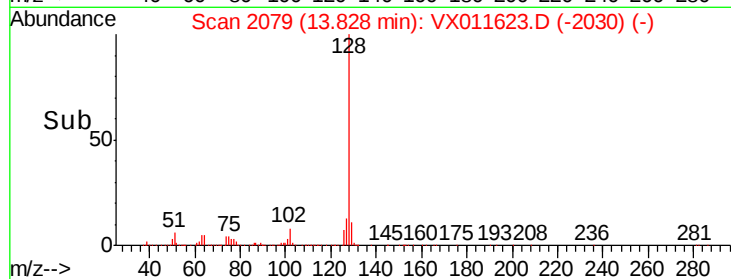
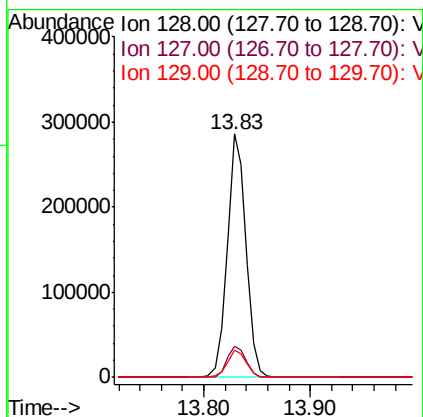
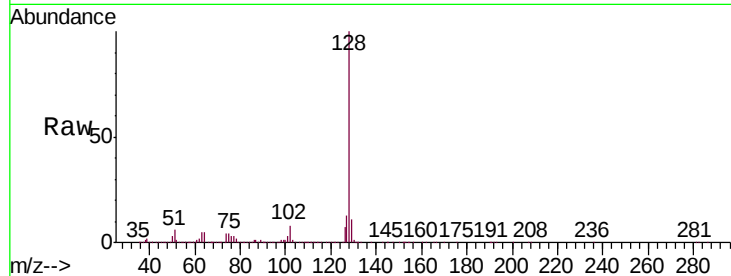
#95
Naphthalene
Concen: 21.460 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	350814		
127	13.1	10.3	15.5	
129	11.3	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.036 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011623.D
Acq: 19 Aug 2019 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	122693		
182	96.2	48.0	144.0	
145	29.1	14.6	43.8	

