

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008208.D
 Acq On : 19 Mar 2019 23:28
 Operator : JC/SP
 Sample : VX0319WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:27:33 AM

Quant Time: Mar 20 08:30:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	483985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	430293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198032	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	216876	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	5.50	113	160061	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.71	98	618655	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	218824	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	69534	20.015	ug/l	99
3) Chloromethane	1.33	50	83015	19.043	ug/l	100
4) Vinyl Chloride	1.41	62	84488	19.439	ug/l	99
5) Bromomethane	1.64	94	62512	16.884	ug/l	99
6) Chloroethane	1.73	64	54346	19.942	ug/l	99
7) Trichlorofluoromethane	1.93	101	104215	18.788	ug/l	97
8) Diethyl Ether	2.19	74	59459	20.835	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71750	19.483	ug/l	91
10) Methyl Iodide	2.51	142	93460	19.931	ug/l	96
11) Tert butyl alcohol	3.04	59	95464	103.331	ug/l	99
12) 1,1-Dichloroethene	2.38	96	70533	20.287	ug/l	93
13) Acrolein	2.29	56	55401	77.975	ug/l	99
14) Allyl chloride	2.73	41	151629	20.034	ug/l	93
15) Acrylonitrile	3.14	53	254358	104.089	ug/l	99
16) Acetone	2.45	43	224335	91.652	ug/l	97
17) Carbon Disulfide	2.57	76	216236	19.471	ug/l	98
18) Methyl Acetate	2.78	43	123514	21.797	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	259383	20.633	ug/l	98
20) Methylene Chloride	2.86	84	83001	20.336	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	74555	19.849	ug/l	91
22) Diisopropyl ether	3.86	45	307933	20.774	ug/l	89
23) Vinyl Acetate	3.82	43	1321853	104.013	ug/l	97
24) 1,1-Dichloroethane	3.70	63	157287	20.631	ug/l	99
25) 2-Butanone	4.67	43	369552	102.281	ug/l	96
26) 2,2-Dichloropropane	4.59	77	94334	16.425	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	85975	20.079	ug/l	93
28) Bromochloromethane	5.02	49	67969	19.854	ug/l #	82
29) Tetrahydrofuran	5.13	42	242487	107.359	ug/l	97
30) Chloroform	5.21	83	146888	20.597	ug/l	100
31) Cyclohexane	5.58	56	143569	20.054	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	120708	20.347	ug/l	96
36) 1,1-Dichloropropene	5.80	75	112375	19.943	ug/l	96
37) Ethyl Acetate	4.84	43	140670	21.118	ug/l	98
38) Carbon Tetrachloride	5.79	117	99407	19.800	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	126216	18.613	ug/l	95
40) Benzene	6.15	78	338863	20.318	ug/l	100
41) Methacrylonitrile	5.04	41	78094	20.901	ug/l	97
42) 1,2-Dichloroethane	6.20	62	124325	20.349	ug/l	95
43) Isopropyl Acetate	6.45	43	218073	20.425	ug/l	97
44) Trichloroethene	7.21	130	82254	20.170	ug/l	88
45) 1,2-Dichloropropane	7.51	63	94059	20.146	ug/l	98
46) Dibromomethane	7.66	93	56059	19.831	ug/l	88
47) Bromodichloromethane	7.90	83	108223	20.089	ug/l	98
48) Methyl methacrylate	7.77	41	116287	20.484	ug/l	92
49) 1,4-Dioxane	7.74	88	41625	415.500	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	741903	107.484	ug/l	98
52) Toluene	8.78	92	201310	20.346	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	114805	17.955	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129198	19.324	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	83198	20.812	ug/l	98
56) Ethyl methacrylate	9.18	69	135747	19.681	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	146591	20.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	319819	97.642	ug/l	94
59) 2-Hexanone	9.49	43	561616	105.685	ug/l	95
60) Dibromochloromethane	9.58	129	79339	20.651	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86317	20.679	ug/l	98
64) Tetrachloroethene	9.34	164	78857	20.313	ug/l	94
65) Chlorobenzene	10.14	112	211403	19.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	75645	20.491	ug/l	99
67) Ethyl Benzene	10.25	91	376893	20.200	ug/l	96
68) m/p-Xylenes	10.36	106	275446	40.189	ug/l	93
69) o-Xylene	10.69	106	135499	20.346	ug/l	94
70) Styrene	10.71	104	220516	20.374	ug/l	96
71) Bromoform	10.85	173	56334	19.134	ug/l #	99
73) Isopropylbenzene	11.02	105	359408	20.361	ug/l	98
74) N-amyl acetate	10.90	43	190571	20.606	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	130719	20.652	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	113534m	20.384	ug/l	
77) Bromobenzene	11.26	156	86177	20.192	ug/l	85
78) n-propylbenzene	11.36	91	415821	20.282	ug/l	96
79) 2-Chlorotoluene	11.42	91	250624	20.367	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	296741	20.348	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	36696	17.750	ug/l	88
82) 4-Chlorotoluene	11.51	91	283738	19.815	ug/l	95
83) tert-Butylbenzene	11.77	119	277590	19.938	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	304209	20.577	ug/l	97
85) sec-Butylbenzene	11.94	105	348149	20.192	ug/l	96
86) p-Isopropyltoluene	12.06	119	298480	19.999	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	151128	19.814	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	151573	19.212	ug/l	97
89) n-Butylbenzene	12.38	91	265288	18.939	ug/l	97
90) Hexachloroethane	12.60	117	50839	20.001	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	153764	19.994	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28310	20.137	ug/l	77

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ClientSampleId :
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QLast Update : Wed Mar 20 06:51:58 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96584	19.067	ug/l	99
94) Hexachlorobutadiene	13.78	225	47975	19.419	ug/l	99
95) Naphthalene	13.83	128	322058	20.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99172	19.896	ug/l	98

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

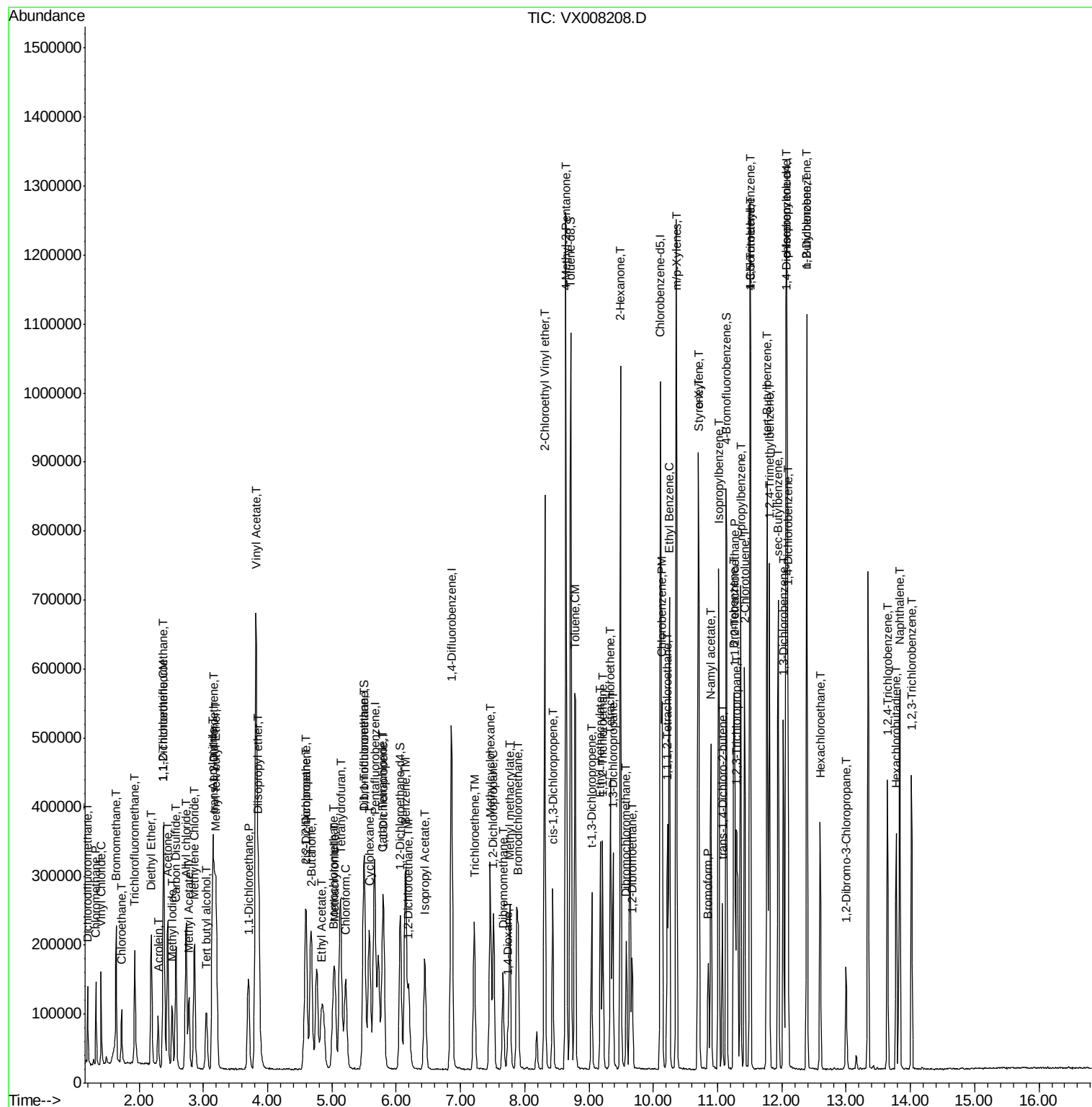
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\
Data File : VX008208.D
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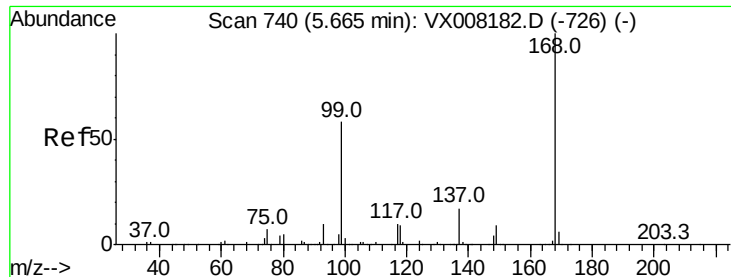
Instrument :
MSVOA_X
Client Sampled :
VX0319WBS02

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion:168 Resp: 286546

Ion Ratio Lower Upper

168 100

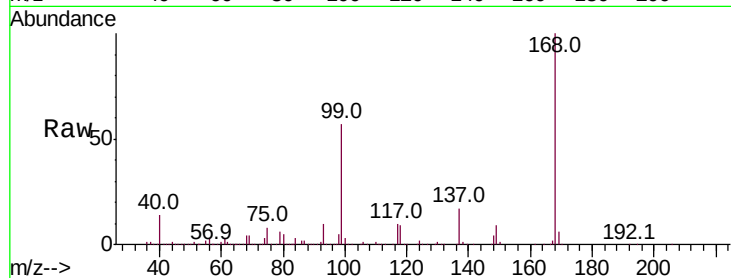
99 56.4 37.6 56.4#

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

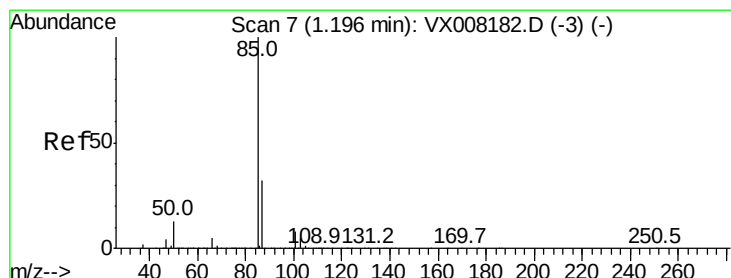
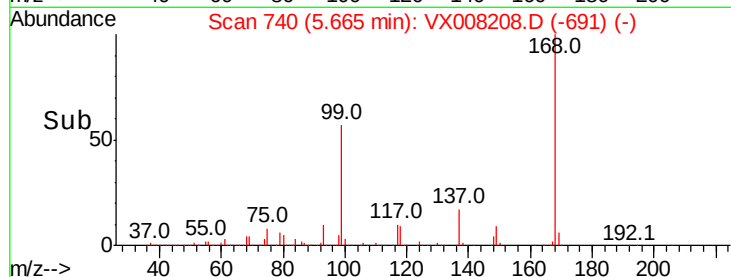
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.015 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008208.D

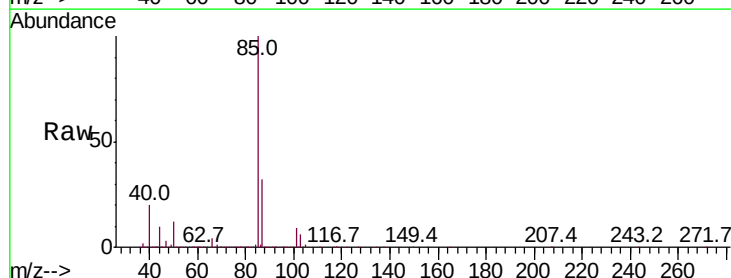
Acq: 19 Mar 2019 23:28

Tgt Ion: 85 Resp: 69534

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

60000

40000

20000

0

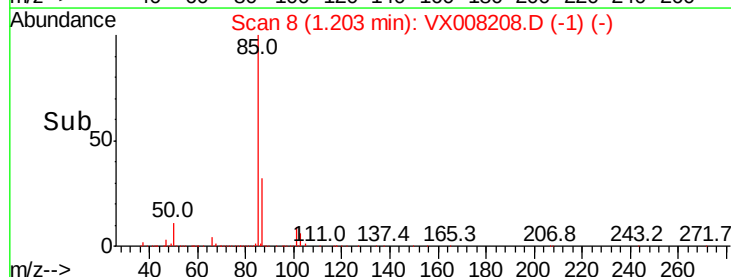
1.15

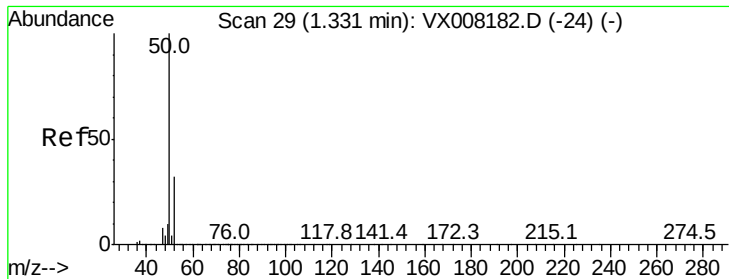
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 19.043 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 50 Resp: 83015

Ion Ratio Lower Upper

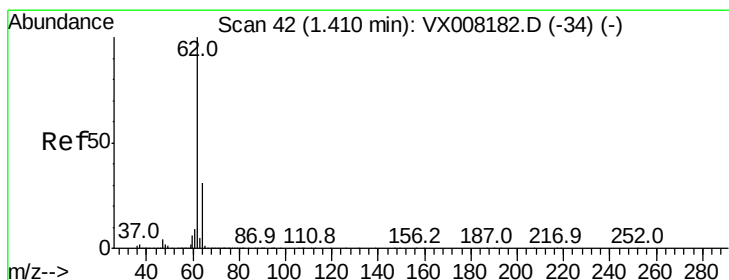
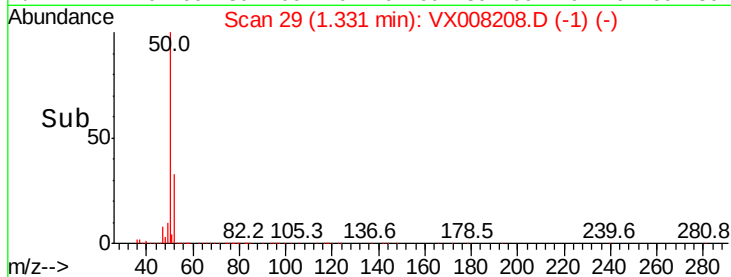
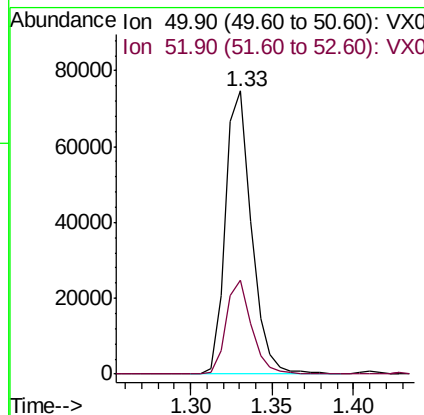
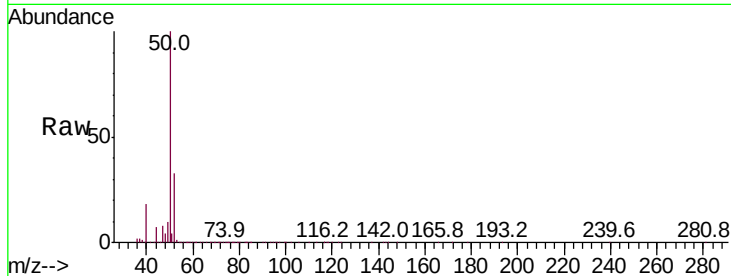
50 100

52 32.9 26.5 39.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.439 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008208.D

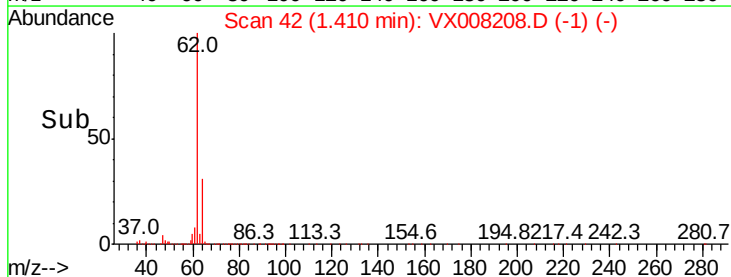
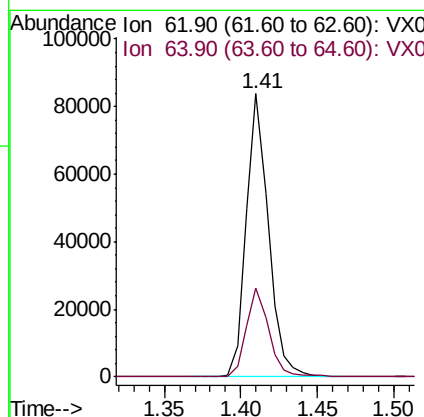
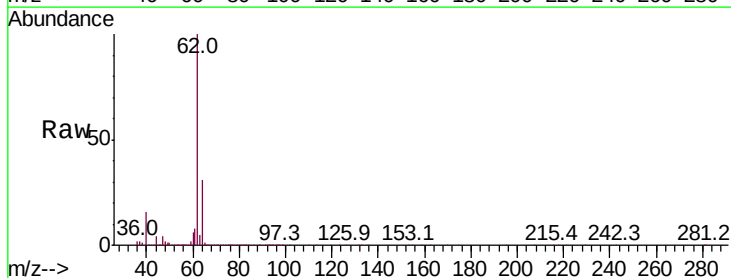
Acq: 19 Mar 2019 23:28

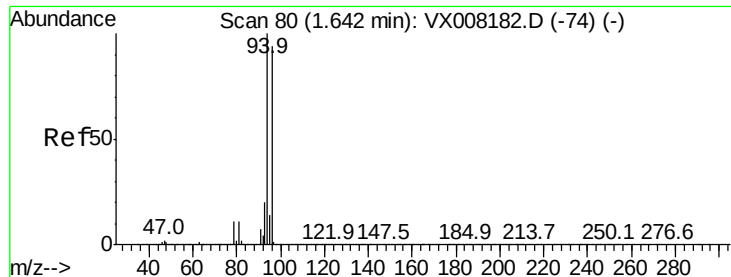
Tgt Ion: 62 Resp: 84488

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 16.884 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 94 Resp: 62512

Ion Ratio Lower Upper

94 100

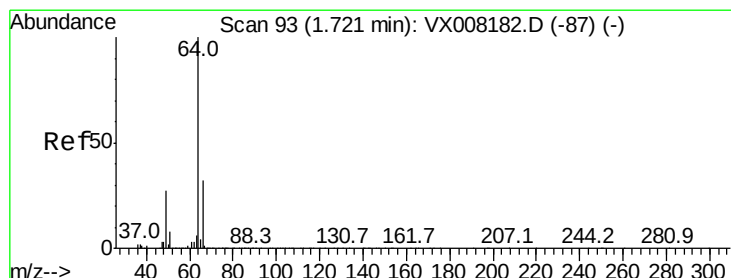
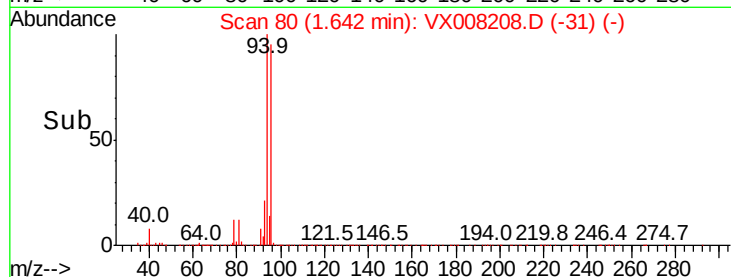
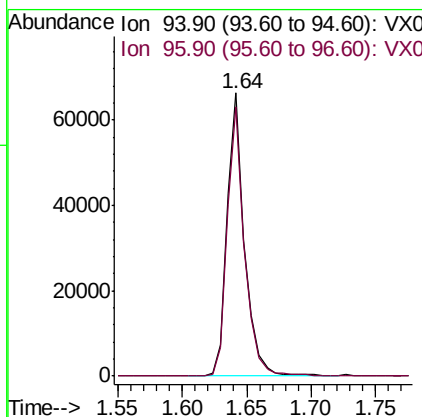
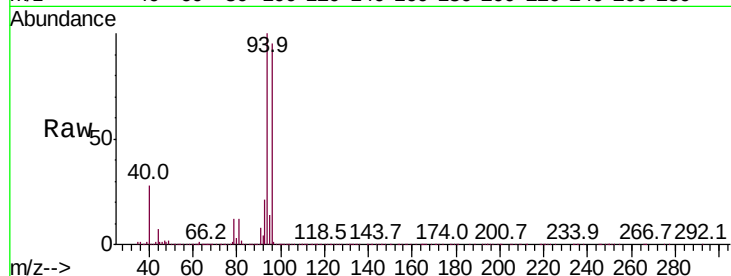
96 95.0 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 19.942 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008208.D

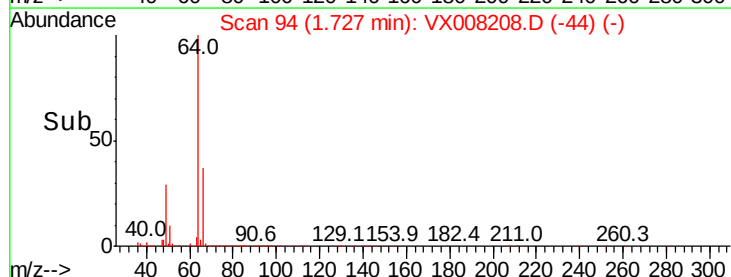
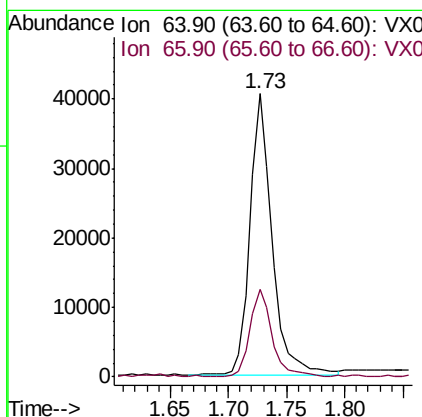
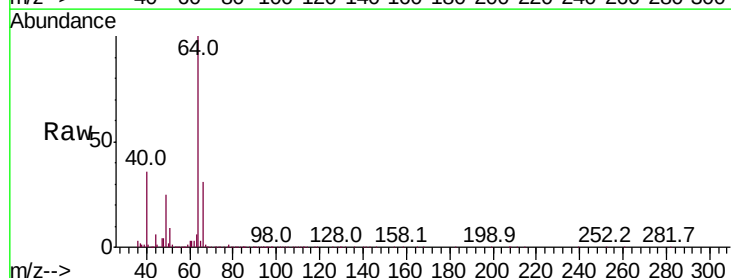
Acq: 19 Mar 2019 23:28

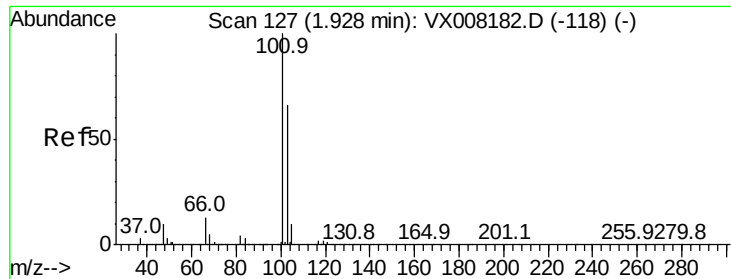
Tgt Ion: 64 Resp: 54346

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8





#7

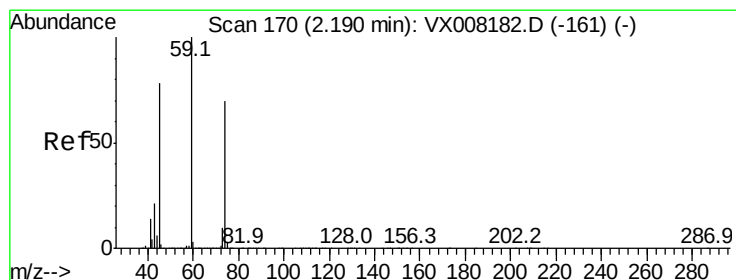
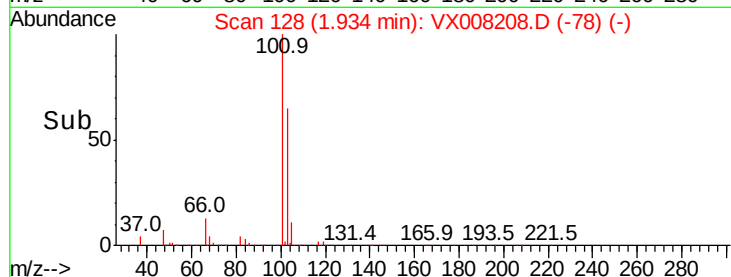
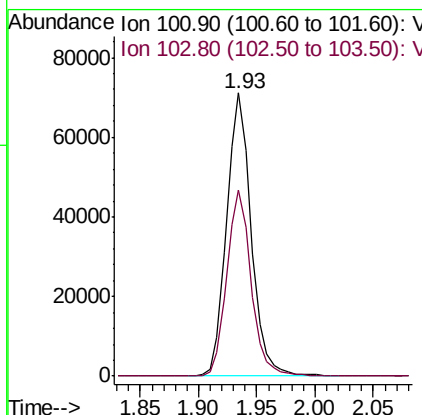
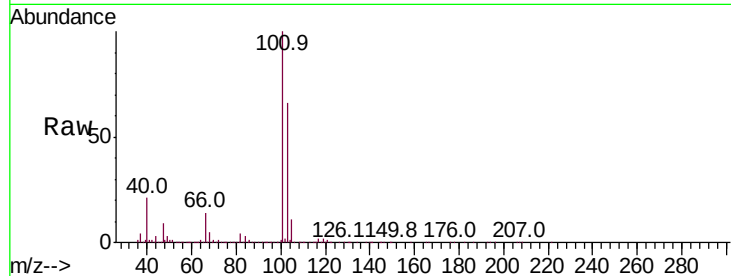
Trichlorofluoromethane
Concen: 18.788 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	50.4	75.6

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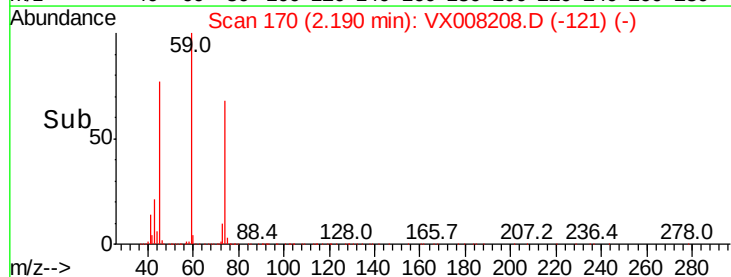
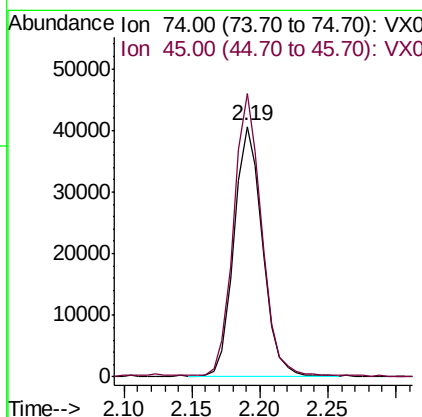
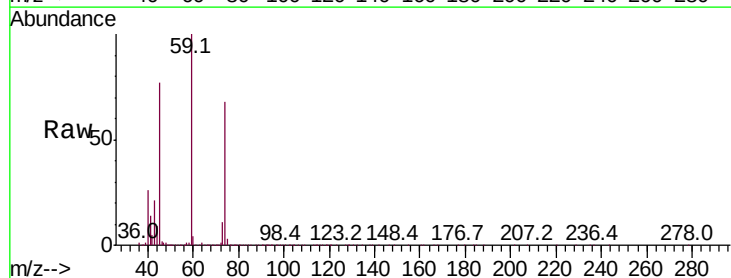
MMDadoda
3/20/2019 10:27:33 AM

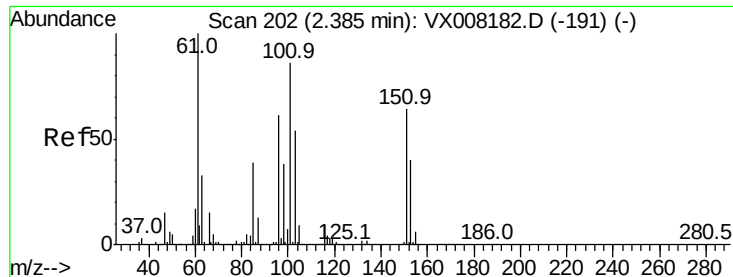


#8

Diethyl Ether
Concen: 20.835 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.6	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.483 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008208.D

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Instrument :

MSVOA_X

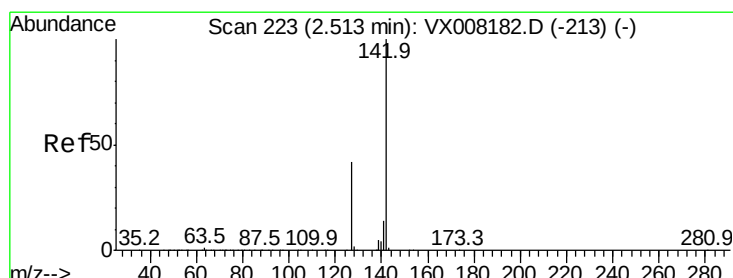
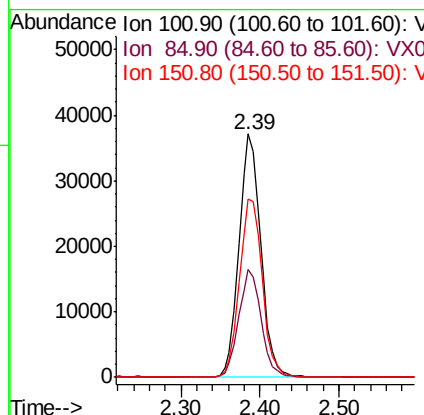
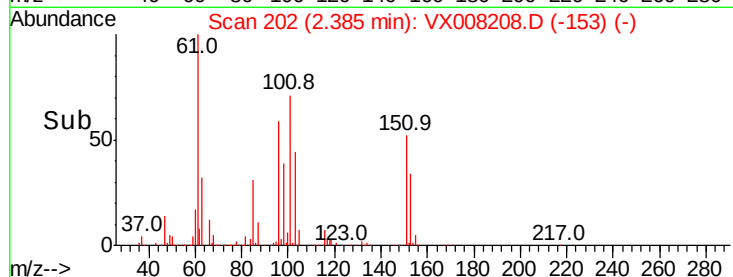
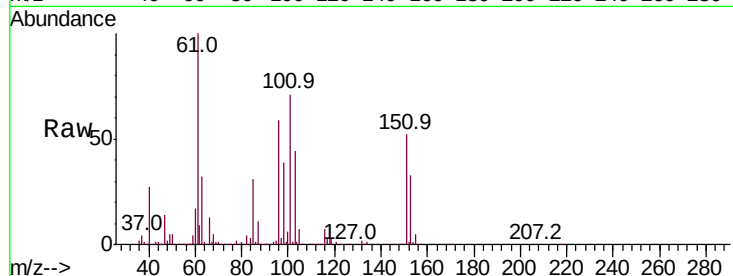
ClientSampleId :

VX0319WBS02

Tot Ion:	101	Resp:	71750
Ion Ratio	Lower	Upper	
101	100		
85	45.3	33.8	50.6
151	76.6	69.1	103.7

Manual Integrations
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#10

Methyl Iodide

Concen: 19.931 ug/l

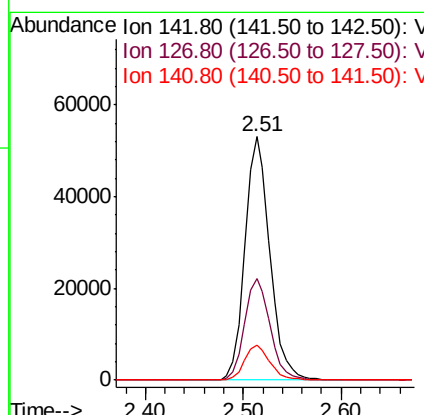
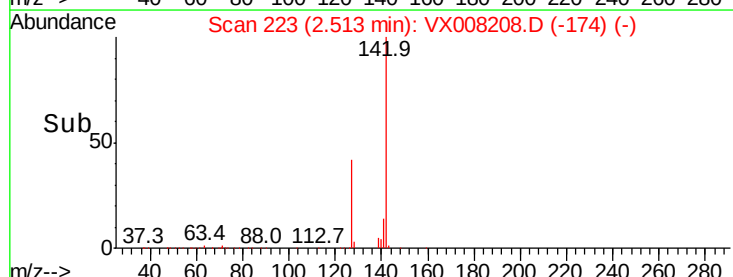
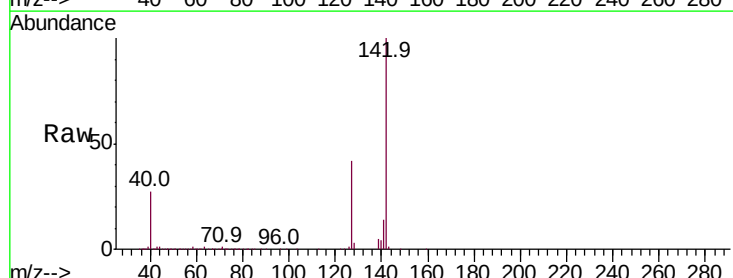
RT: 2.51 min Scan# 223

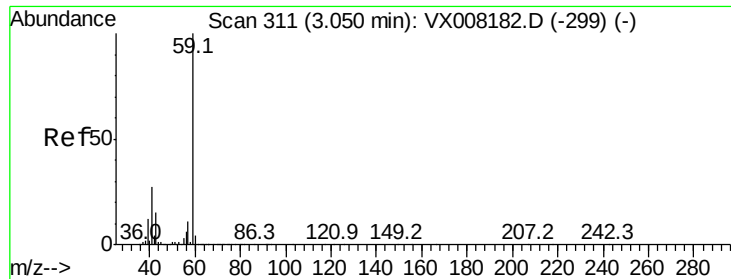
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion:	142	Resp:	93460
Ion Ratio	Lower	Upper	
142	100		
127	42.9	32.1	48.1
141	14.7	11.4	17.2





#11

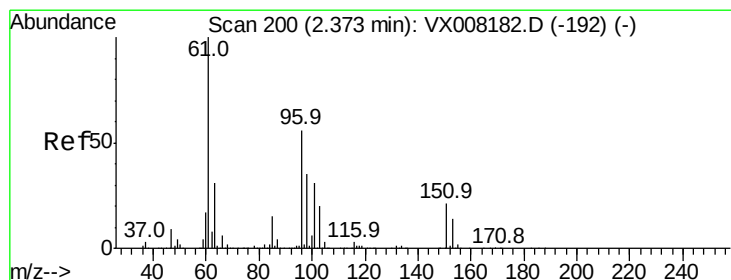
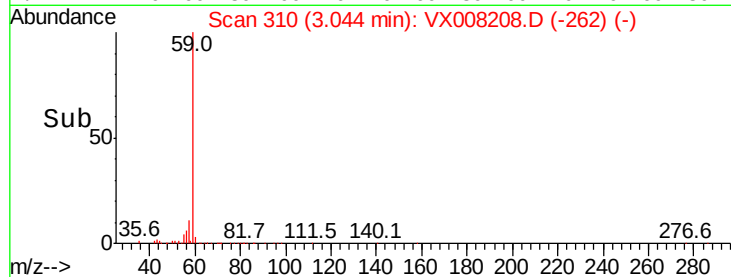
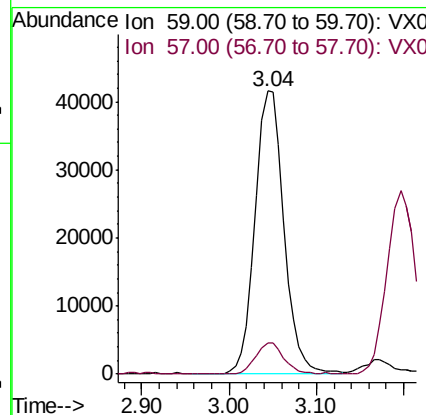
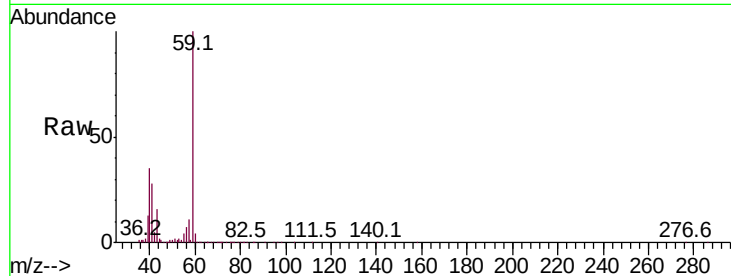
Tert butyl alcohol
Concen: 103.331 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

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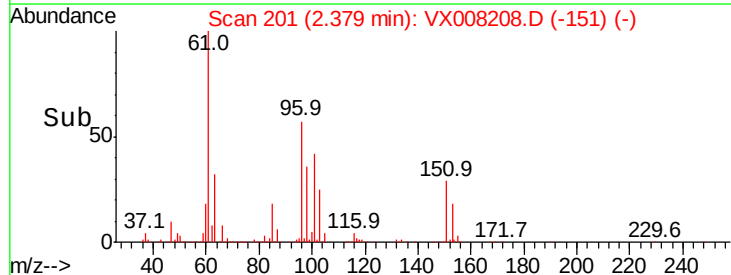
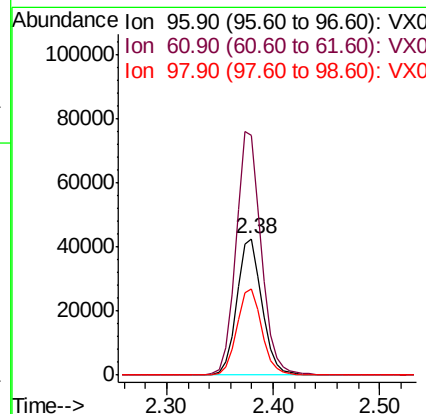
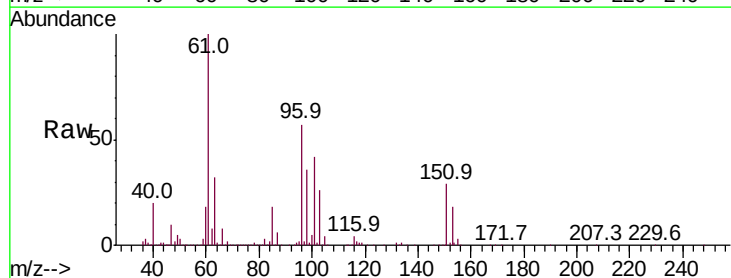
MMDadoda
3/20/2019 10:27:33 AM

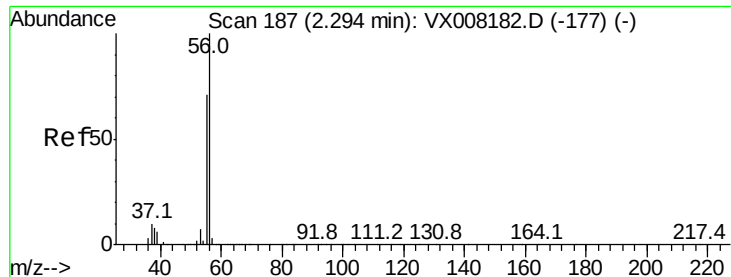


#12

1,1-Dichloroethene
Concen: 20.287 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.2	129.8	194.6
98	63.2	51.0	76.6





#13

Acrolein

Concen: 77.975 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 56 Resp: 55401

Ion Ratio Lower Upper

56 100

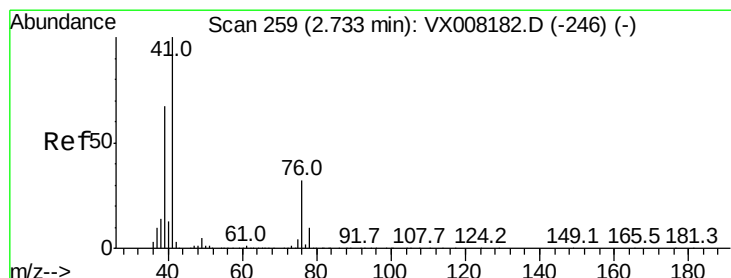
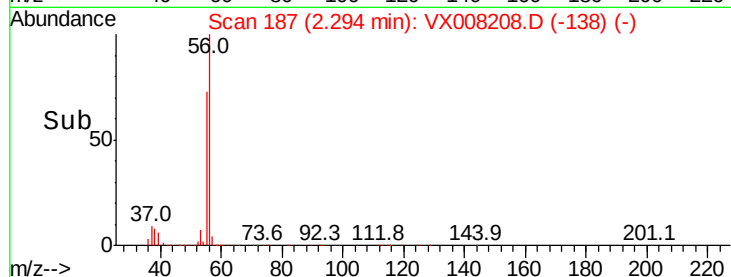
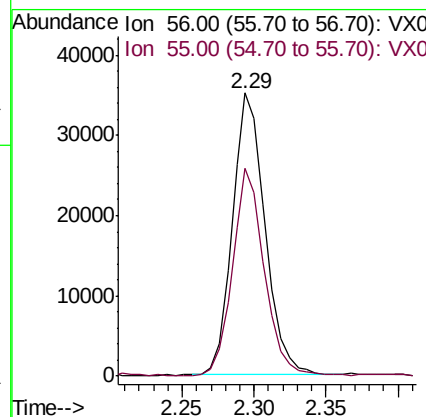
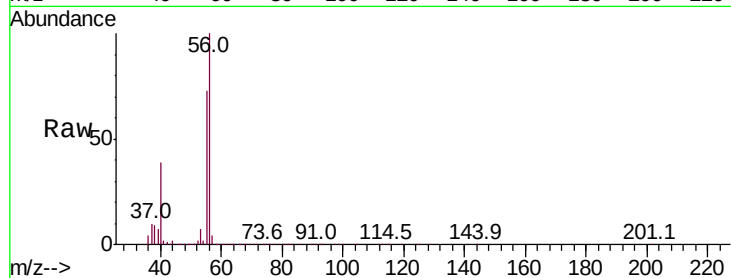
55 71.7 57.8 86.6

Manual Integrations

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#14

Allyl chloride

Concen: 20.034 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

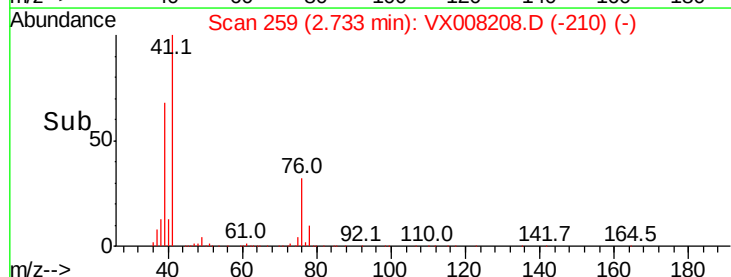
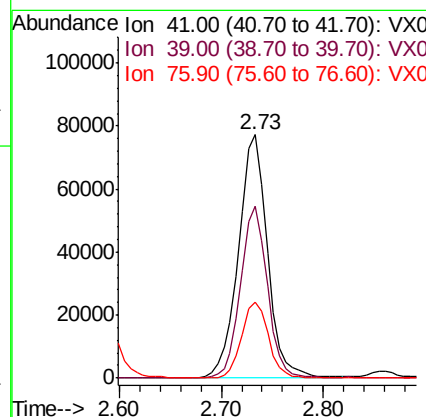
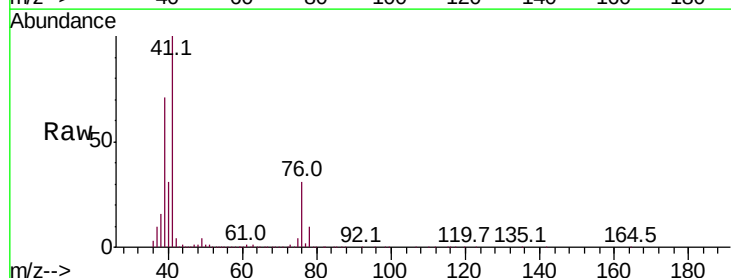
Tgt Ion: 41 Resp: 151629

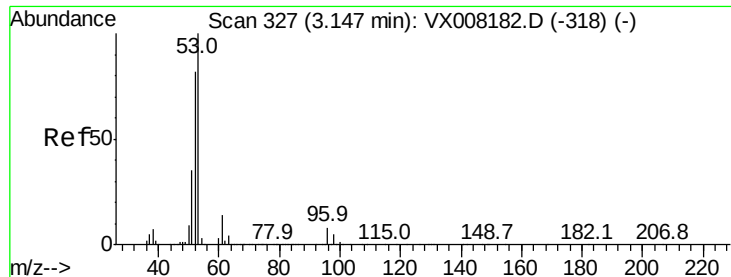
Ion Ratio Lower Upper

41 100

39 64.9 46.1 69.1

76 28.9 24.0 36.0





#15

Acrylonitrile

Concen: 104.089 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

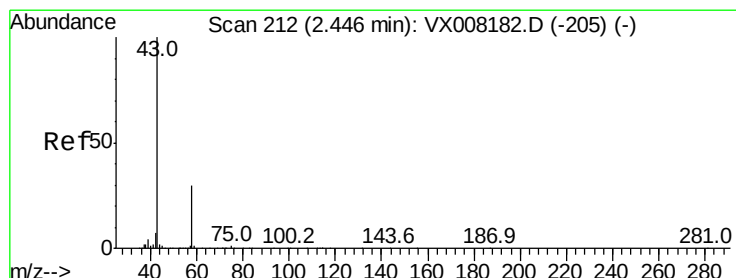
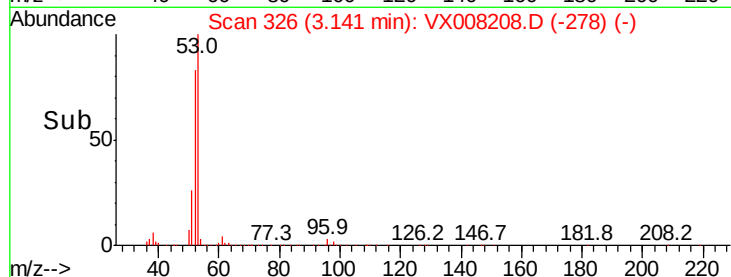
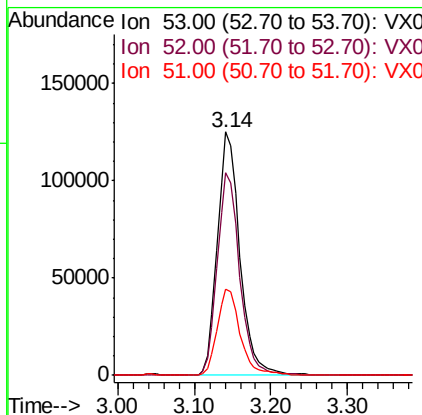
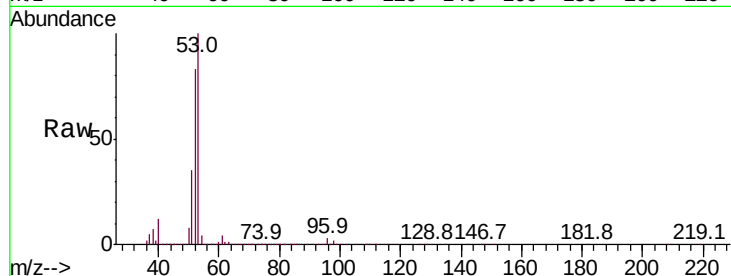
ClientSampleId :

VX0319WBS02

Tot Ion:	53	Resp:	254358
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.0	99.0
51	36.4	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 91.652 ug/l

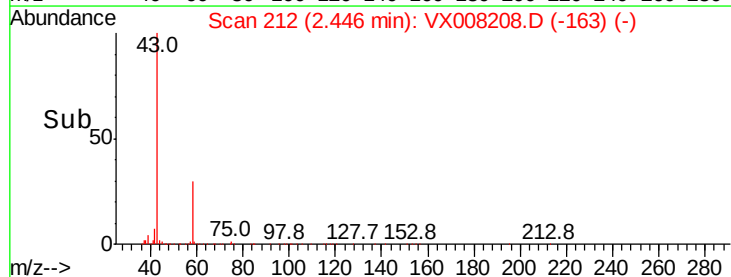
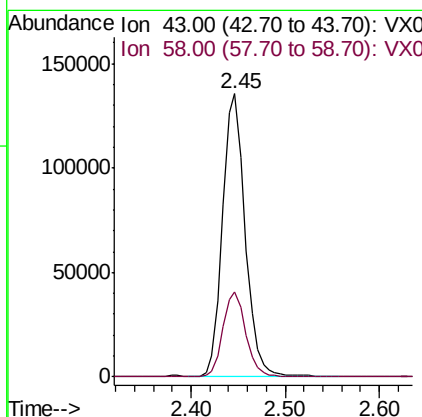
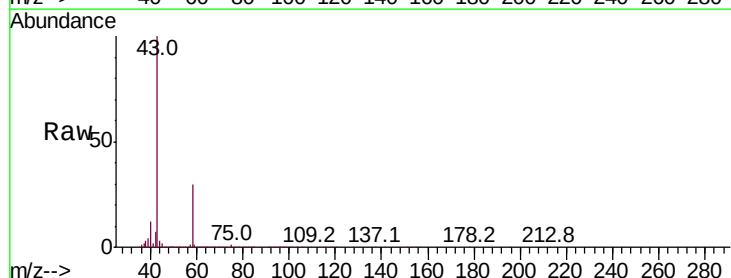
RT: 2.45 min Scan# 212

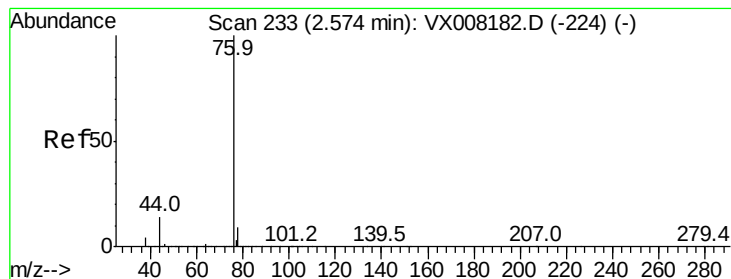
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion:	43	Resp:	224335
Ion Ratio		Lower	Upper
43	100		
58	30.1	25.5	38.3





#17

Carbon Disulfide

Concen: 19.471 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 76 Resp: 216236

Ion Ratio Lower Upper

76 100

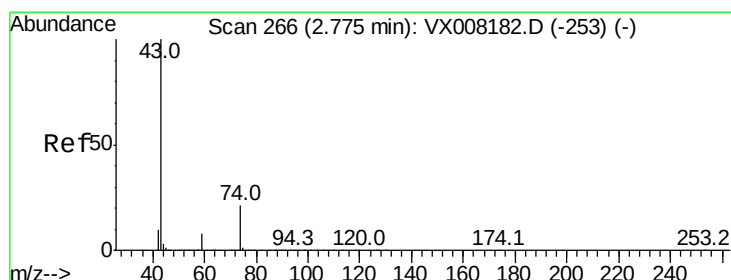
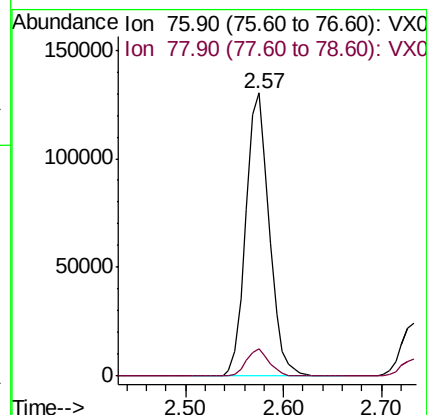
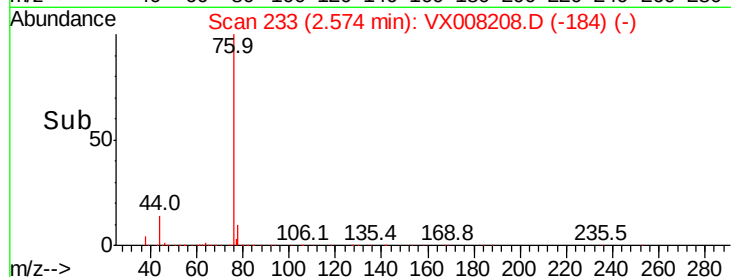
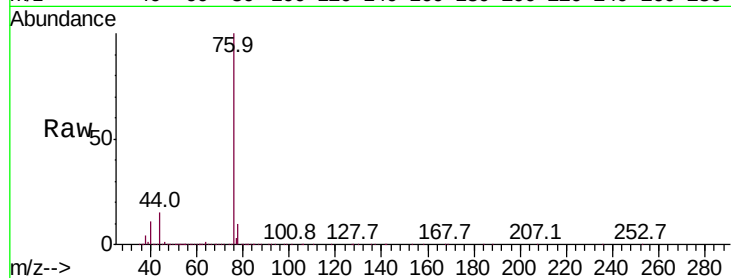
78 9.6 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 21.797 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008208.D

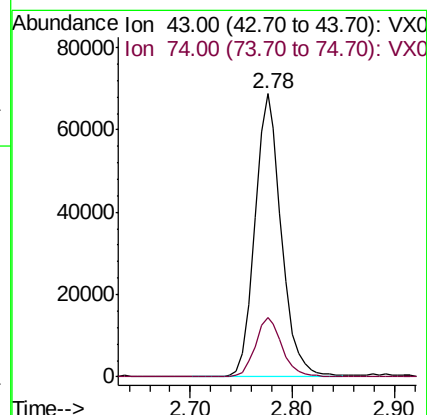
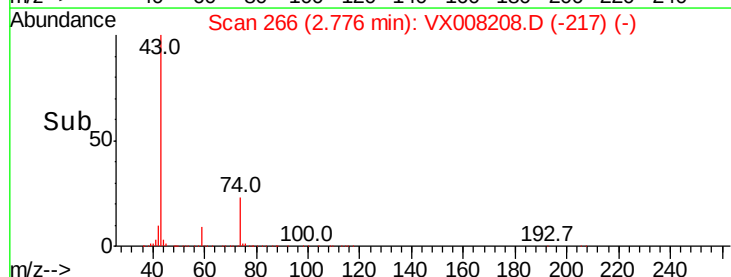
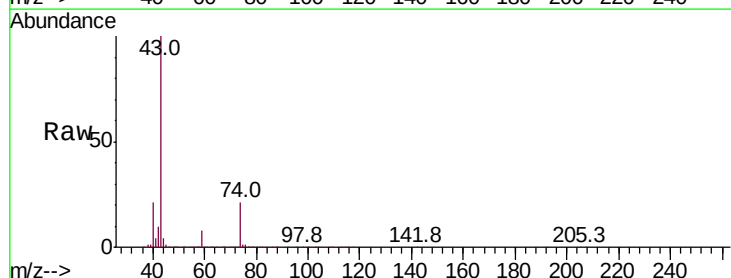
Acq: 19 Mar 2019 23:28

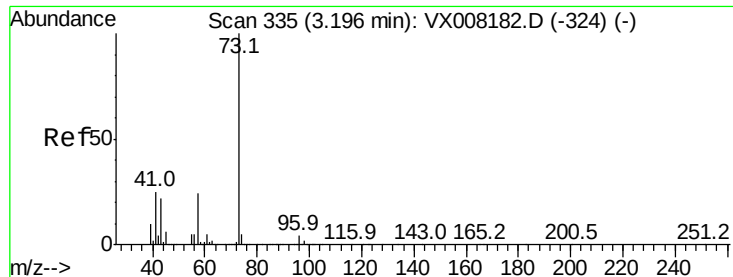
Tgt Ion: 43 Resp: 123514

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.6





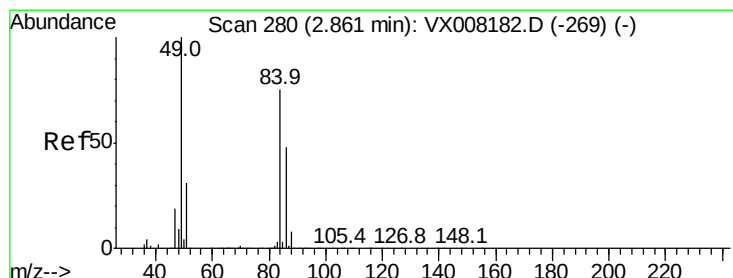
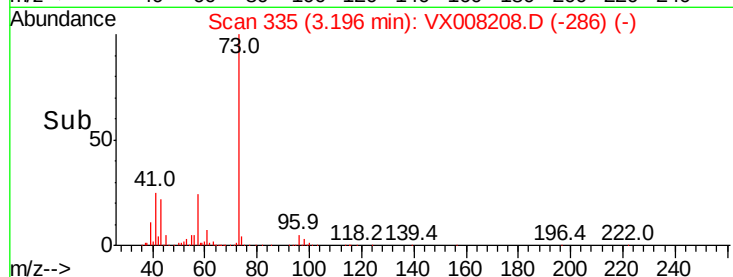
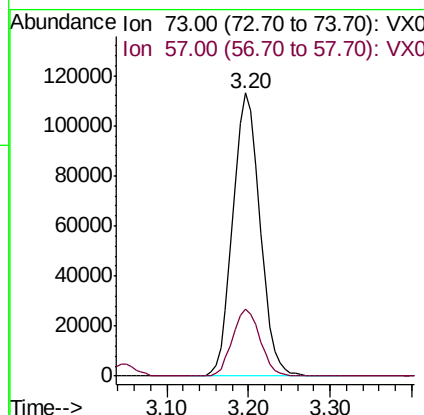
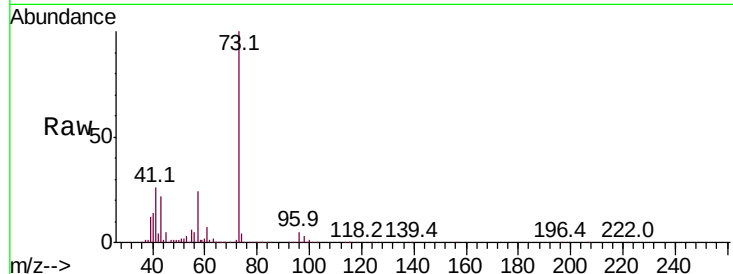
#19
Methyl tert-butyl Ether
Concen: 20.633 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion: 73 Resp: 259383
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.4

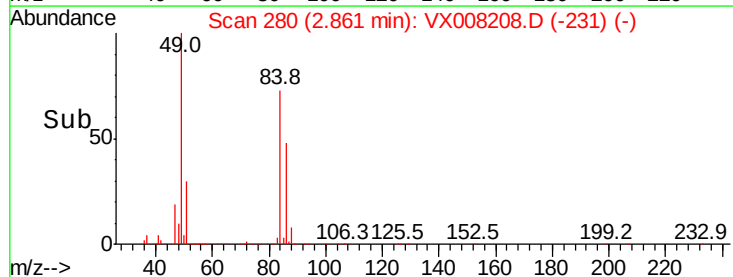
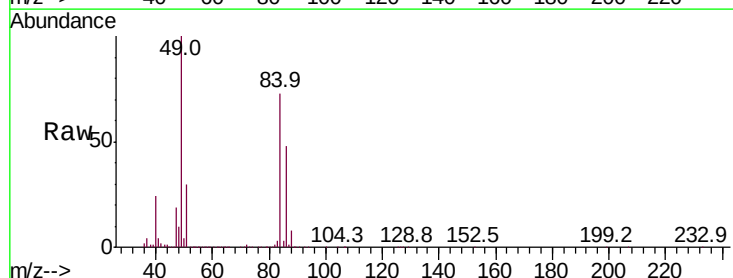
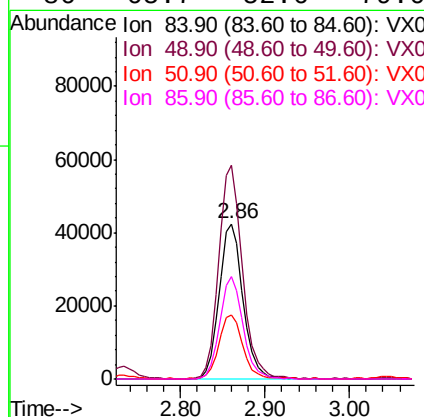
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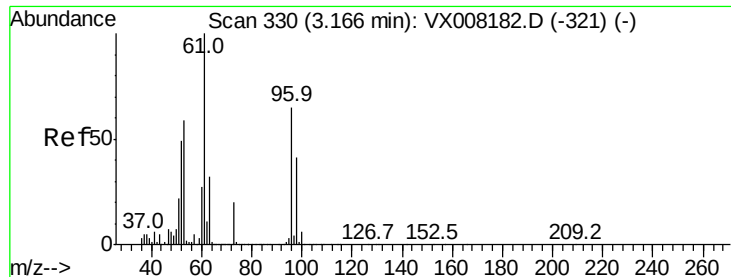
MMDadoda
3/20/2019 10:27:33 AM



#20
Methylene Chloride
Concen: 20.336 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion: 84 Resp: 83001
Ion Ratio Lower Upper
84 100
49 137.2 99.3 148.9
51 40.9 31.3 46.9
86 65.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.849 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 96 Resp: 74555

Ion Ratio Lower Upper

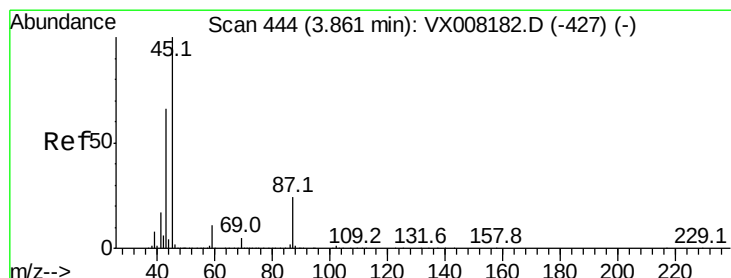
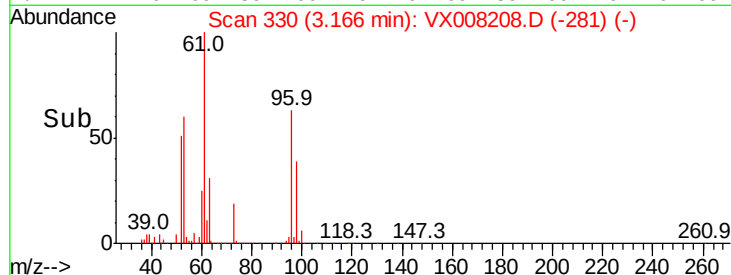
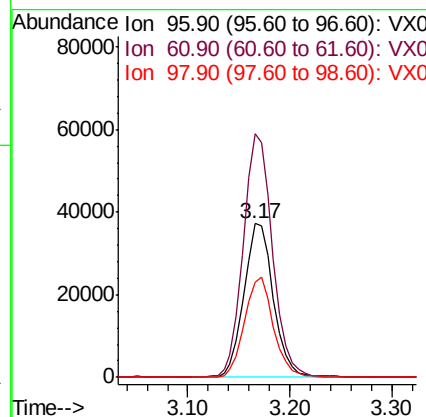
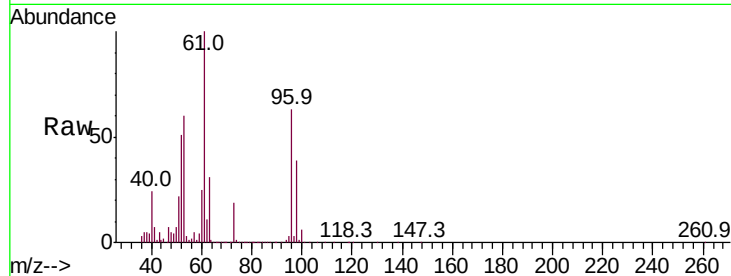
96 100

61 158.3 114.4 171.6

98 61.7 51.1 76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.774 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion: 45 Resp: 307933

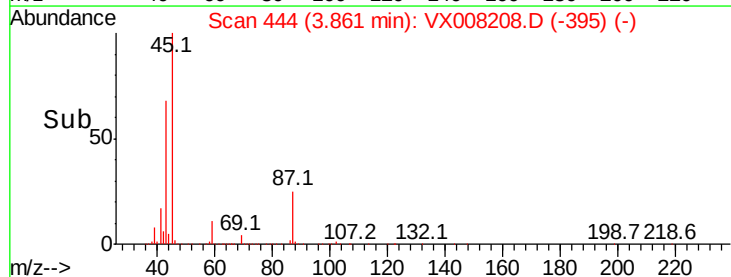
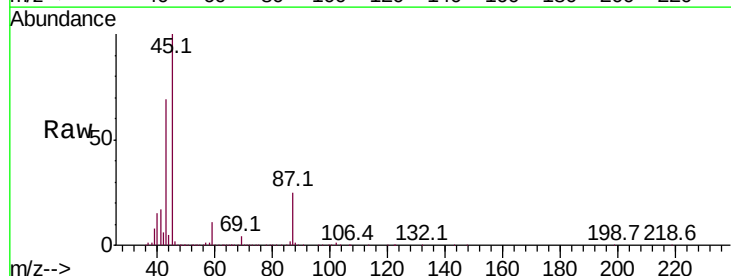
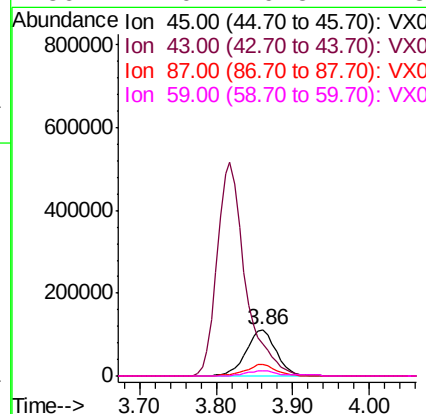
Ion Ratio Lower Upper

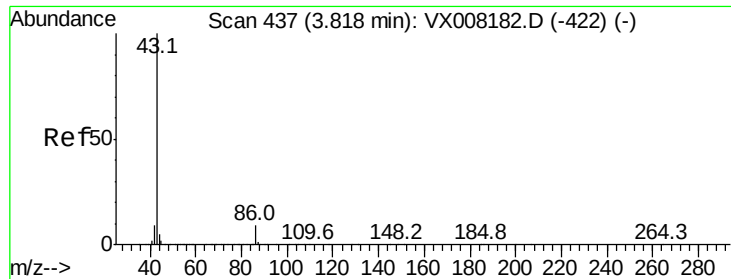
45 100

43 67.9 45.3 67.9

87 24.5 21.4 32.0

59 11.0 9.5 14.3





#23

Vinyl Acetate

Concen: 104.013 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 43 Resp: 1321853

Ion Ratio Lower Upper

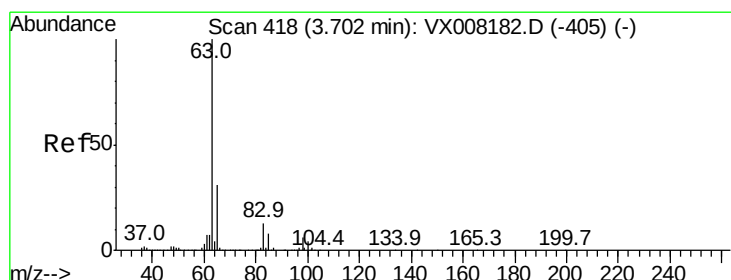
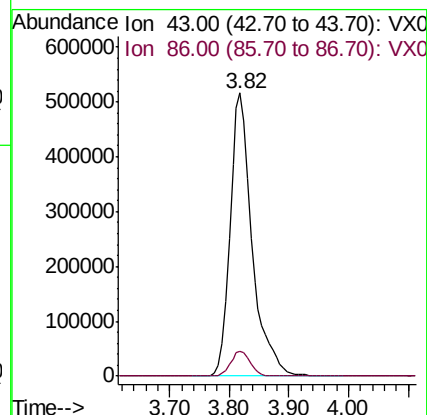
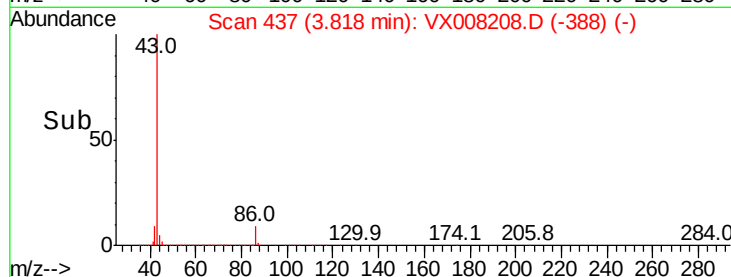
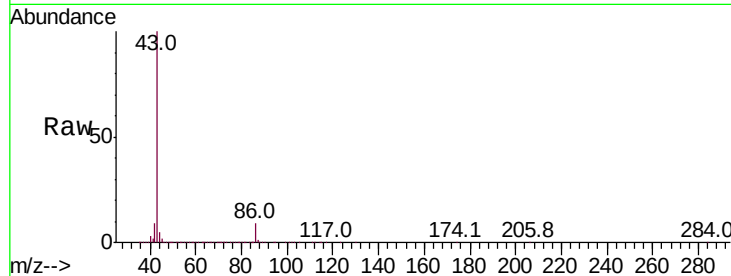
43 100

86 8.9 7.9 11.9

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 20.631 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

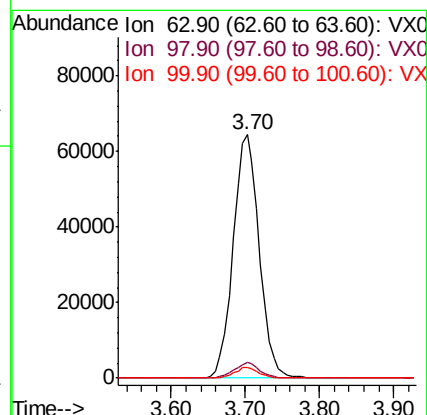
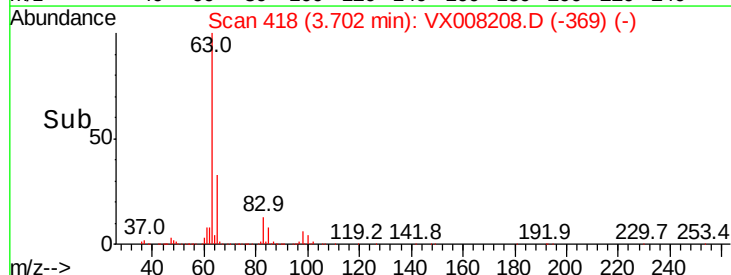
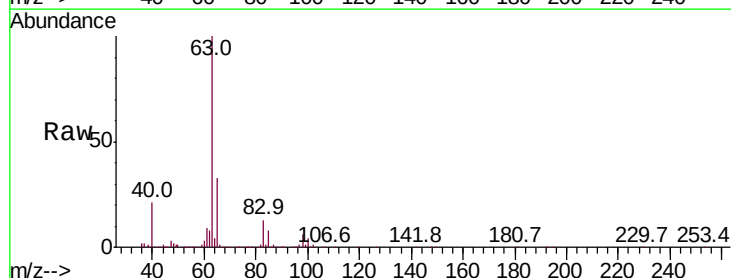
Tgt Ion: 63 Resp: 157287

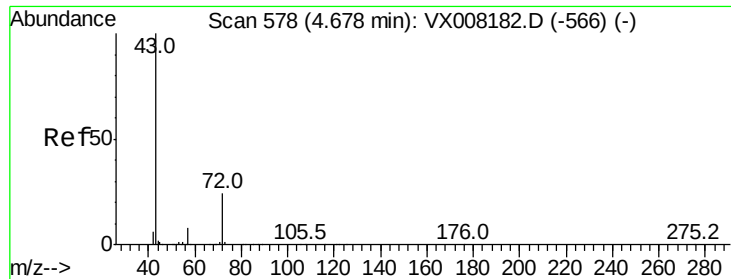
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 102.281 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 43 Resp: 369552

Ion Ratio Lower Upper

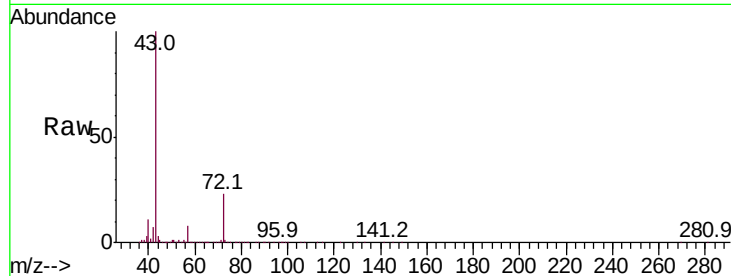
43 100

72 22.9 19.9 29.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

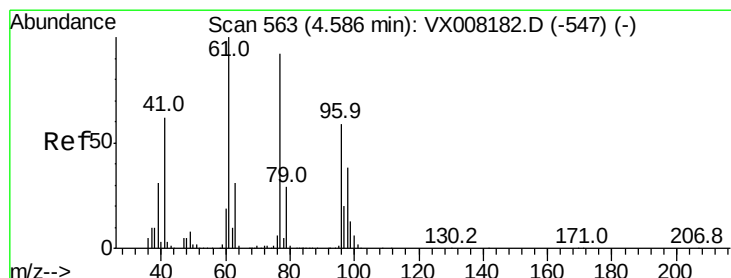
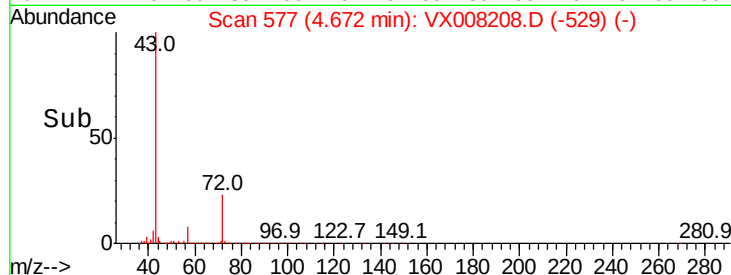
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 16.425 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008208.D

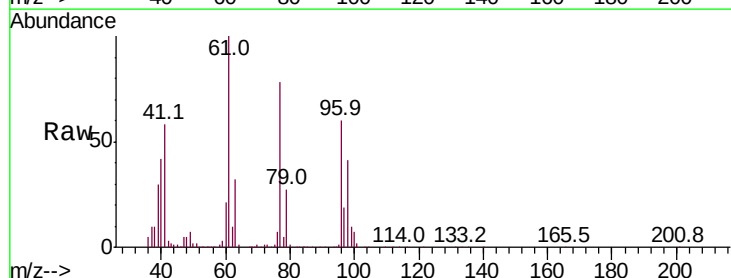
Acq: 19 Mar 2019 23:28

Tgt Ion: 77 Resp: 94334

Ion Ratio Lower Upper

77 100

97 23.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

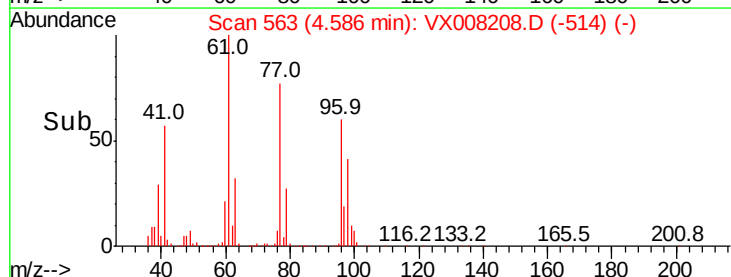
20000

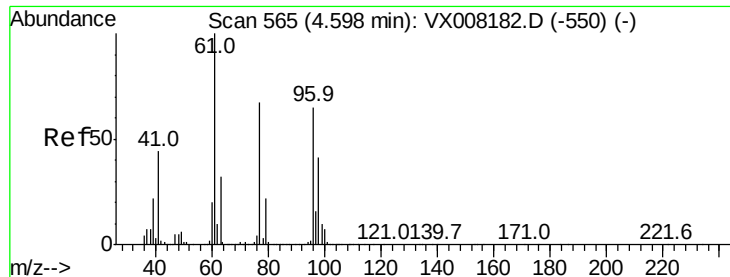
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

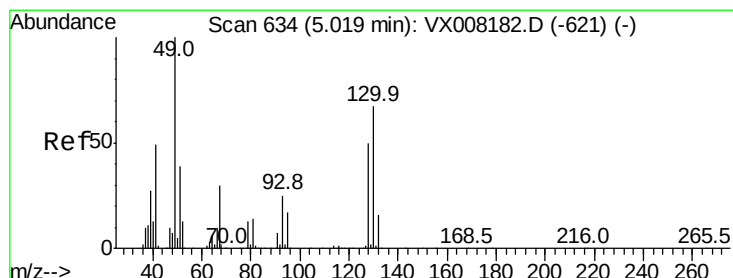
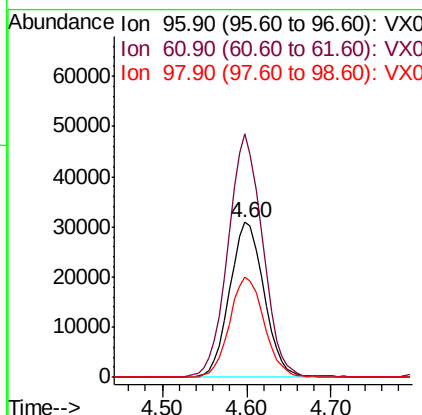
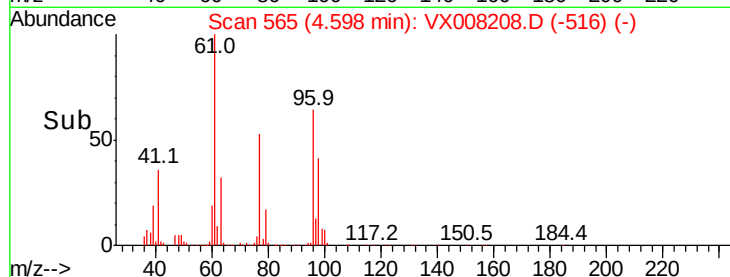
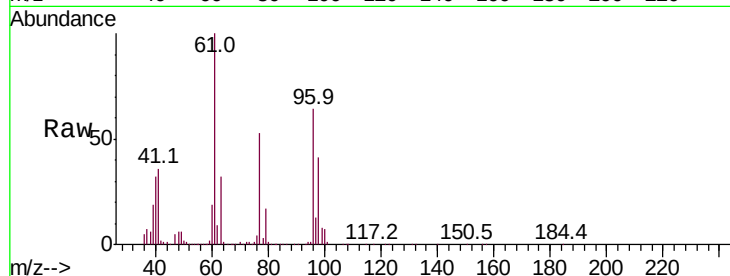
cis-1,2-Dichloroethene
 Concen: 20.079 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	288.0
98	64.8	0.0	129.0

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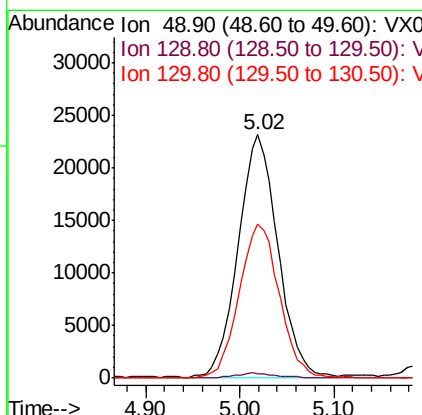
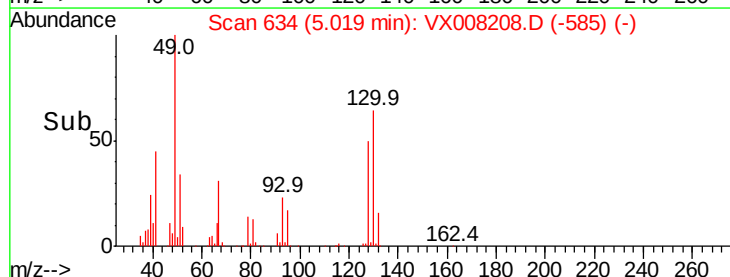
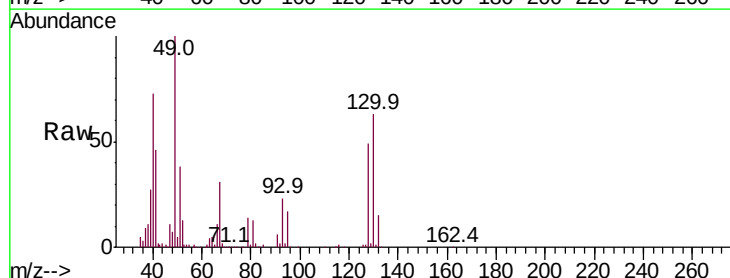
MMDadoda
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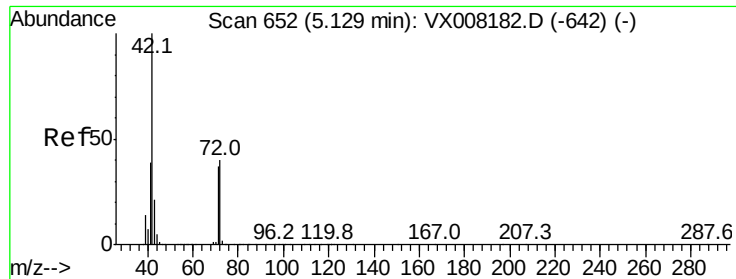


#28

Bromochloromethane
 Concen: 19.854 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	64.7	65.0	97.4#





#29

Tetrahydrofuran

Concen: 107.359 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

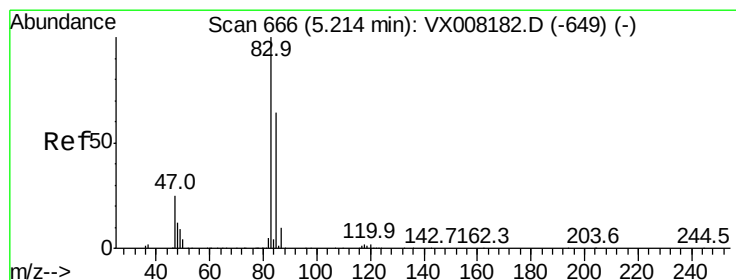
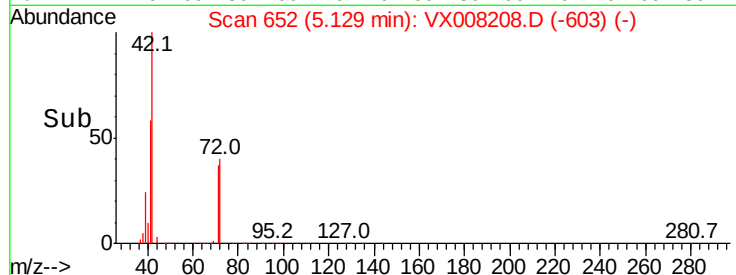
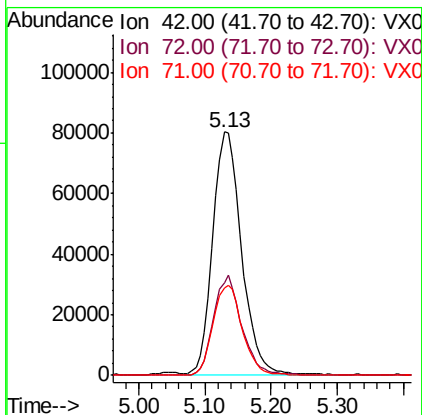
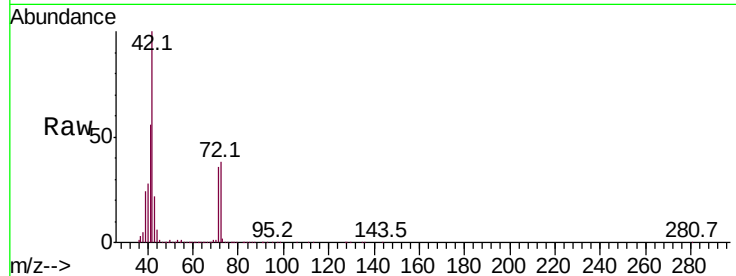
ClientSampleId :

VX0319WBS02

Tot Ion:	42	Resp:	242487
Ion Ratio		Lower	Upper
42	100		
72	40.2	33.8	50.6
71	37.7	31.5	47.3

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#30

Chloroform

Concen: 20.597 ug/l

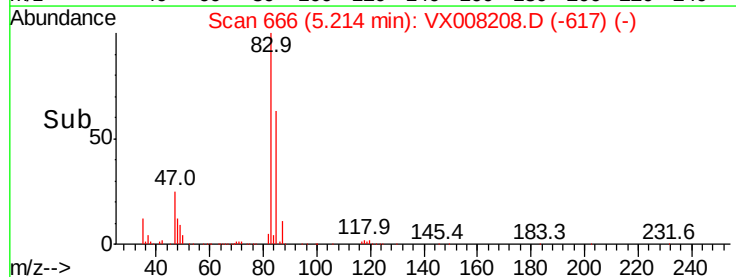
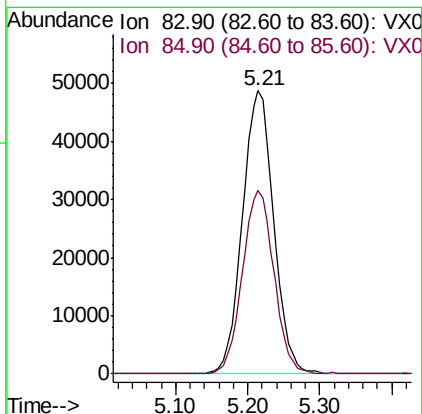
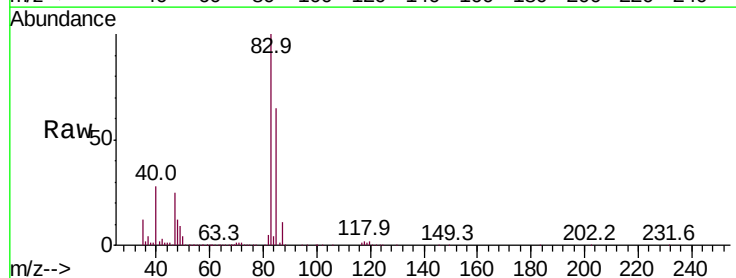
RT: 5.21 min Scan# 666

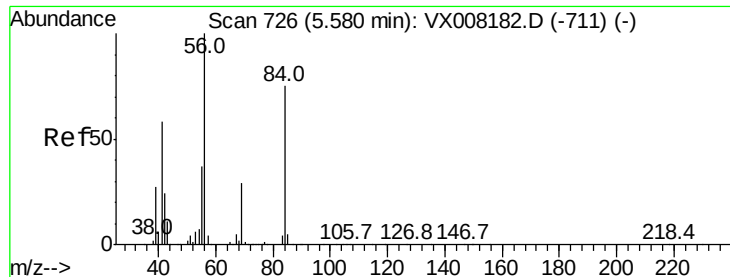
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion:	83	Resp:	146888
Ion Ratio		Lower	Upper
83	100		
85	64.6	51.8	77.6





#31

Cyclohexane

Concen: 20.054 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

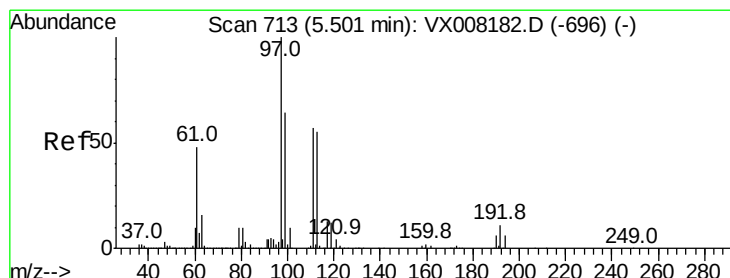
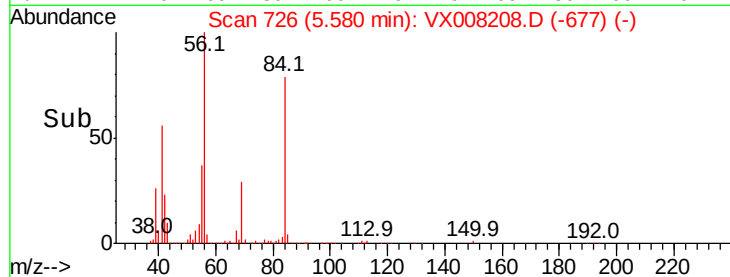
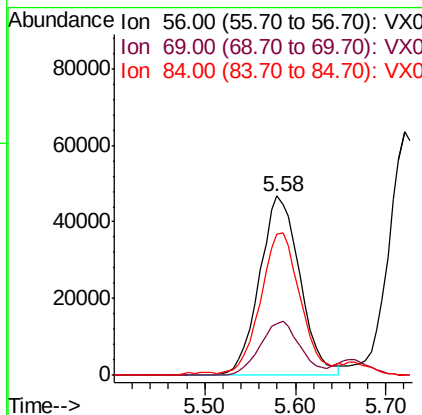
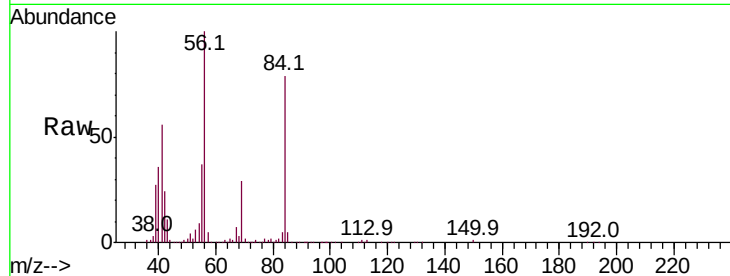
ClientSampleId :

VX0319WBS02

Tot Ion:	56	Resp:	143569
Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.0	36.0
84	77.5	65.3	97.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.347 ug/l

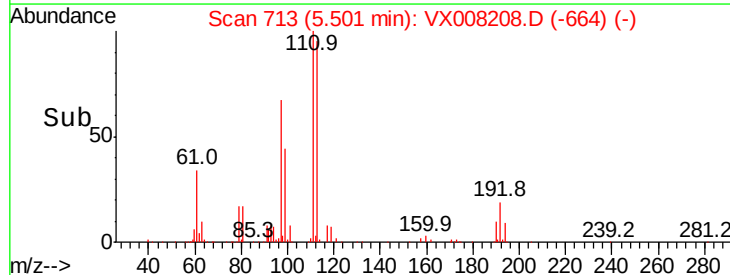
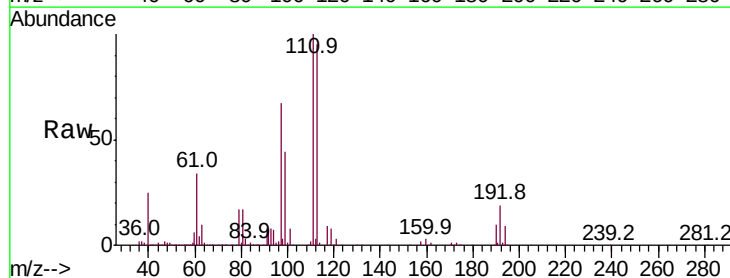
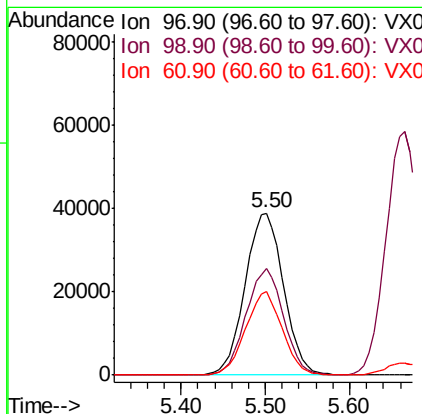
RT: 5.50 min Scan# 713

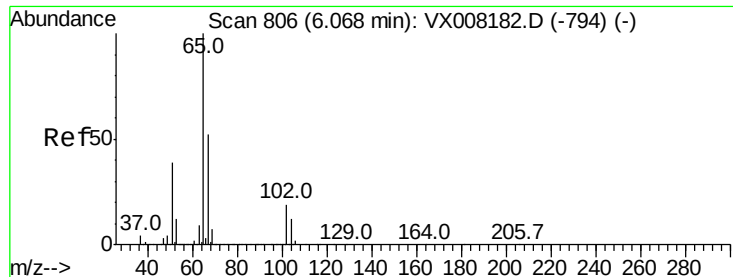
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion:	97	Resp:	120708
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.2	78.2
61	49.6	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 50.254 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008208.D

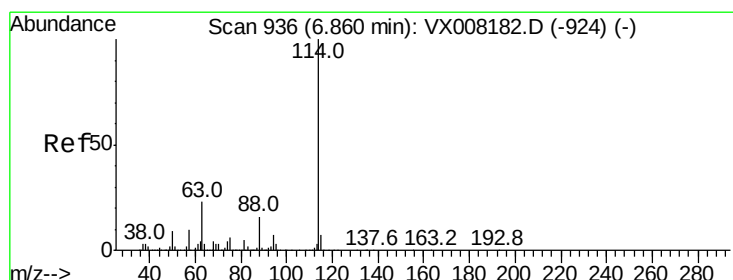
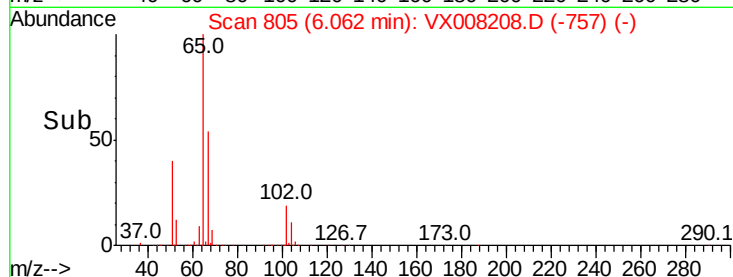
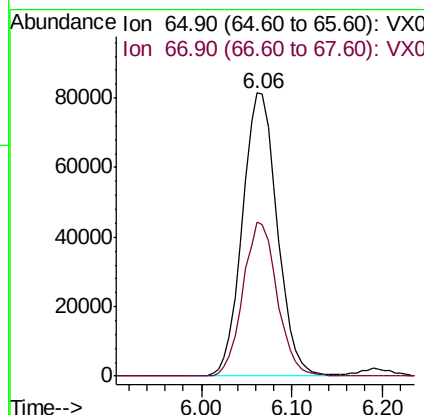
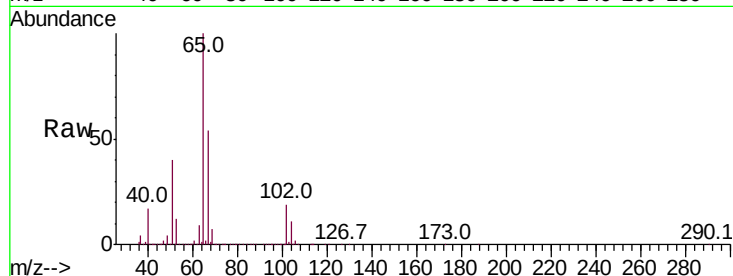
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	216876		
67	53.3	0.0	110.0	

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

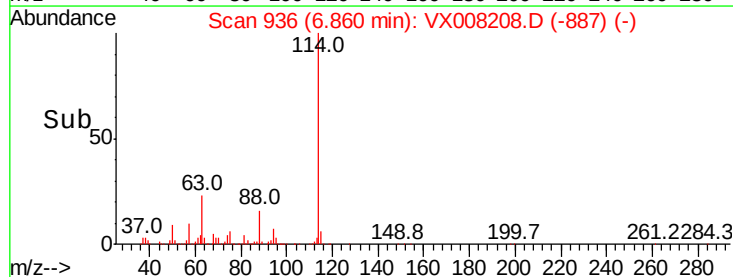
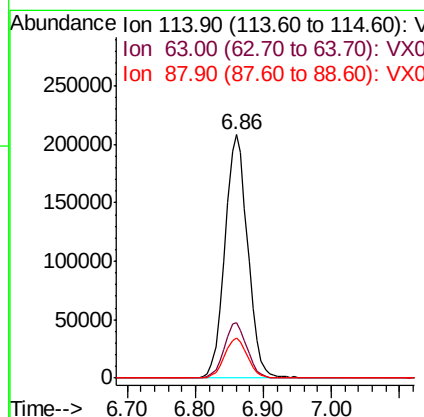
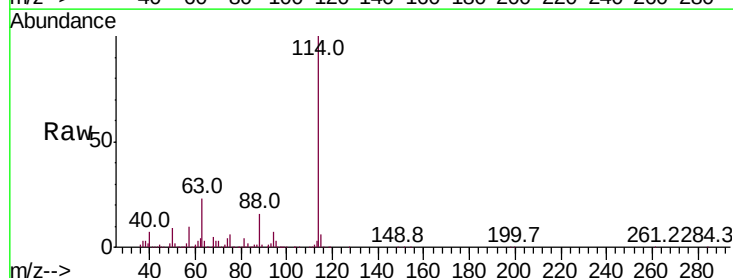
RT: 6.86 min Scan# 936

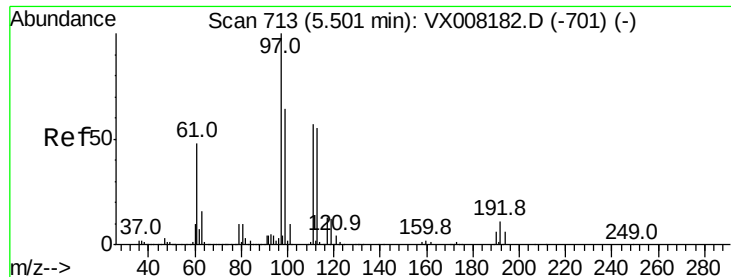
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	483985		
63	22.7	0.0	39.8	
88	16.5	0.0	31.4	





#35

Dibromofluoromethane

Concen: 49.402 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

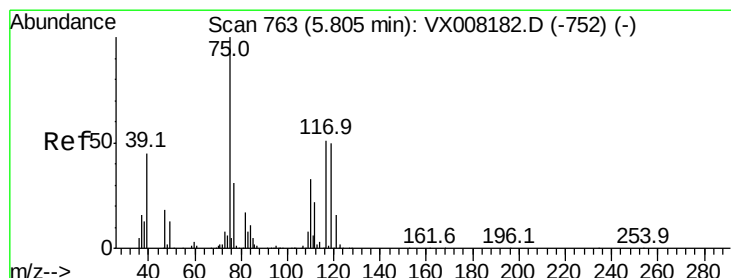
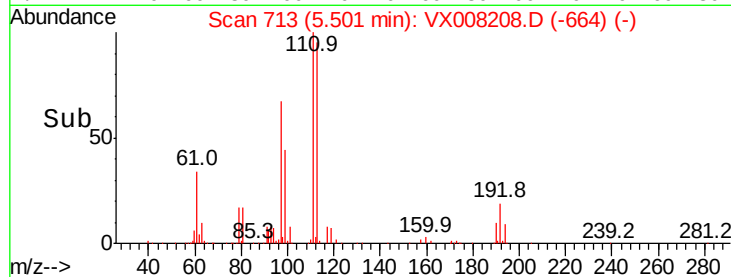
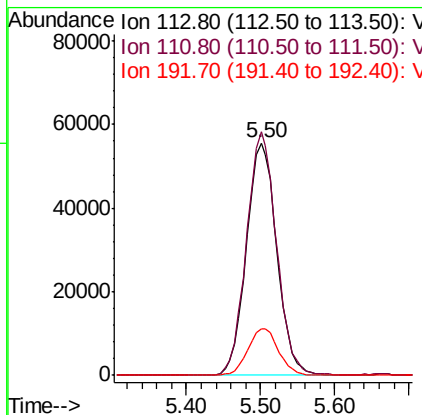
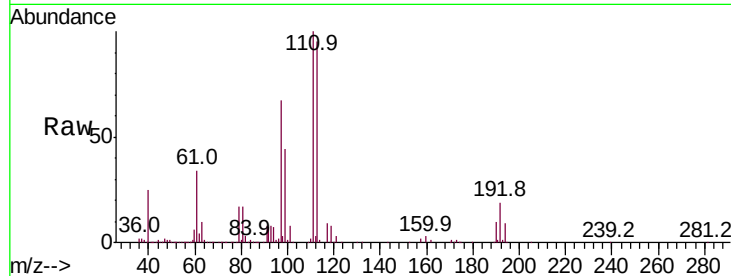
ClientSampleId :

VX0319WBS02

Tot Ion:	113	Resp:	160061
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.4	122.0
192	20.3	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 19.943 ug/l

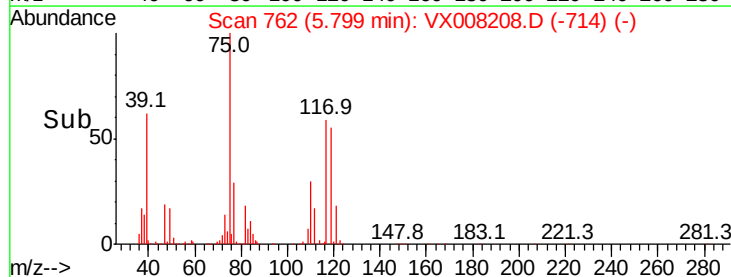
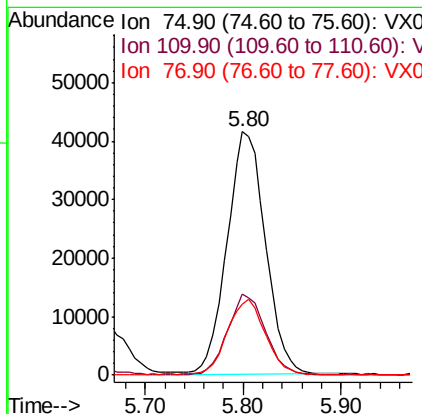
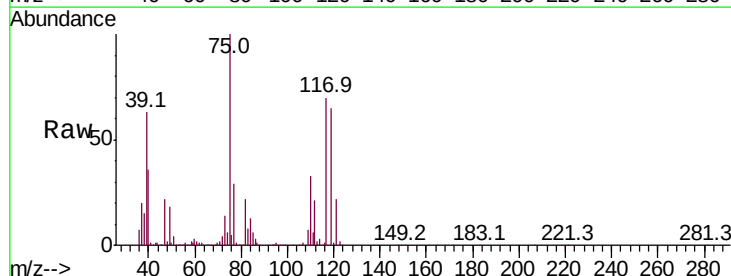
RT: 5.80 min Scan# 762

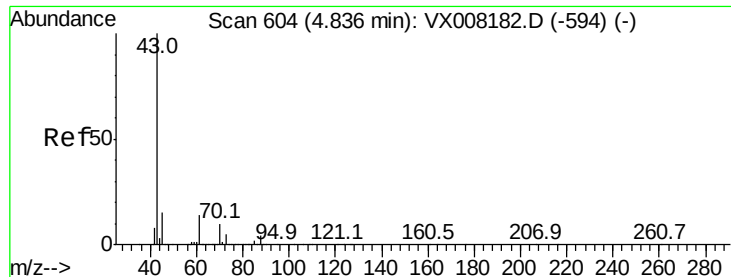
Delta R.T. -0.01 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion:	75	Resp:	112375
Ion Ratio	Lower	Upper	
75	100		
110	33.3	18.4	55.0
77	30.6	25.0	37.4





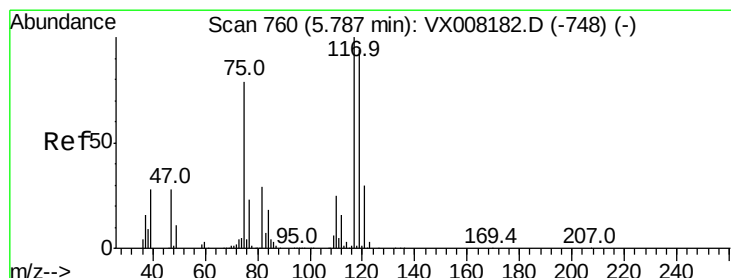
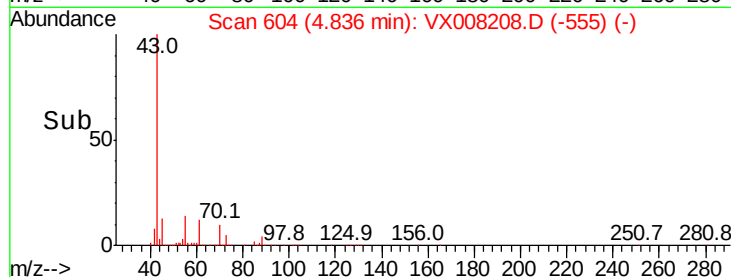
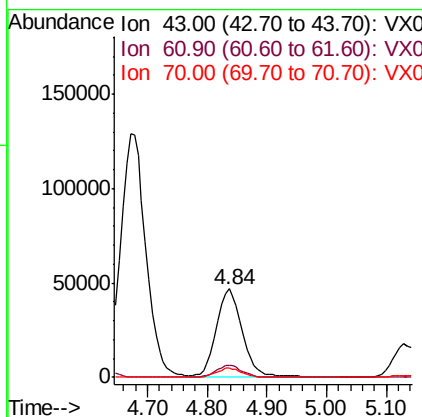
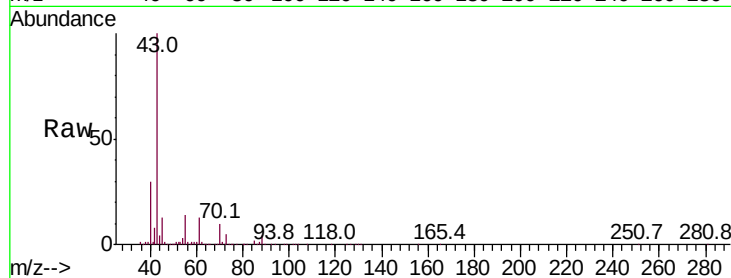
#37
Ethyl Acetate
Concen: 21.118 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.3	16.9
70	10.0	8.5	12.7

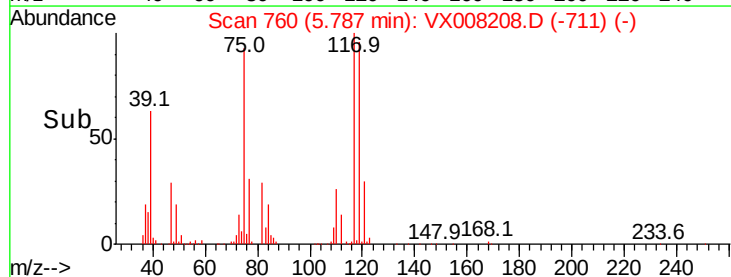
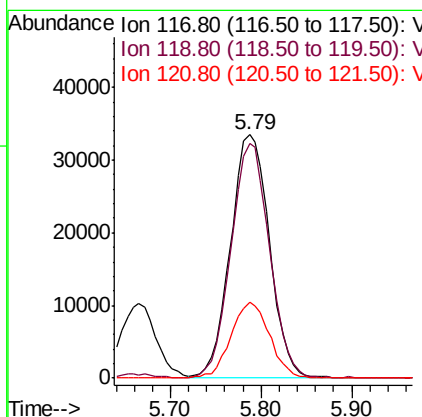
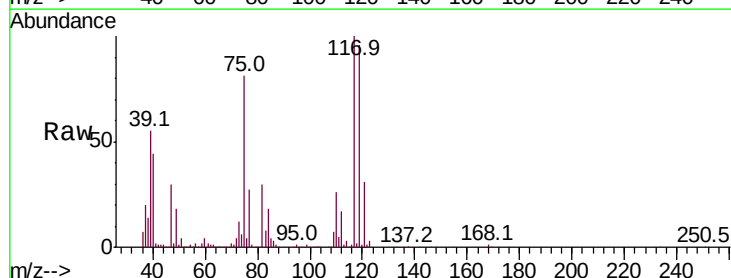
Manual Integrations
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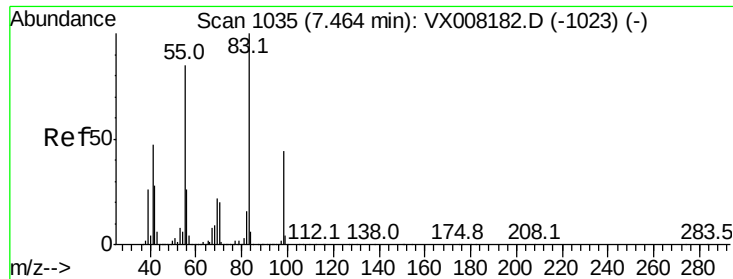
MMDadoda
3/20/2019 10:27:33 AM



#38
Carbon Tetrachloride
Concen: 19.800 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.2	114.2
121	30.9	24.6	36.8





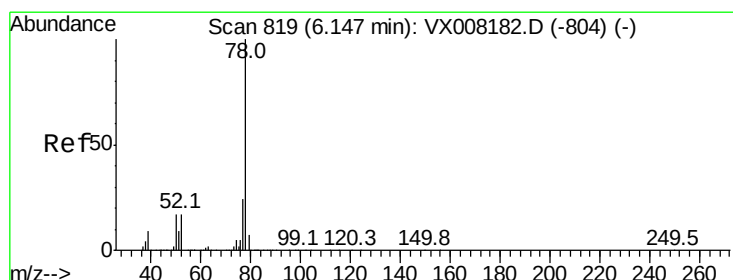
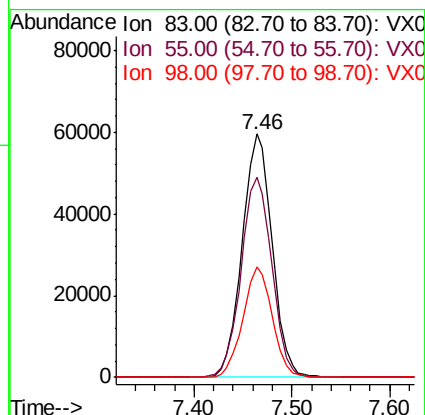
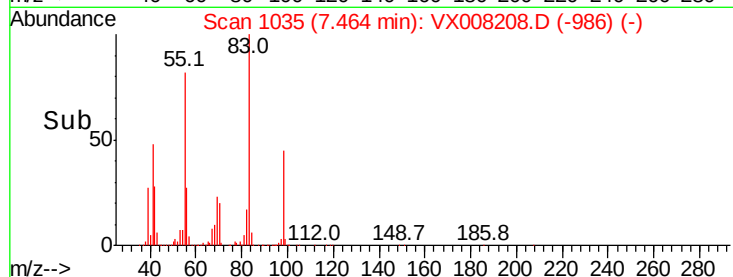
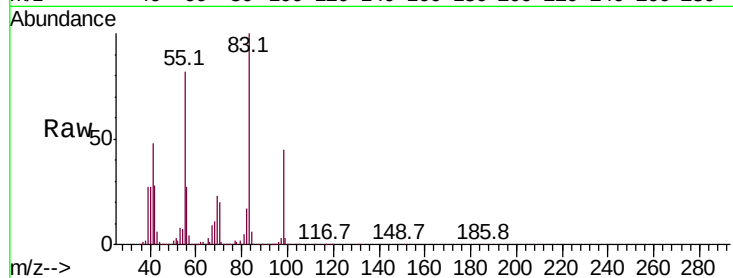
#39
Methylvlcyclohexane
Concen: 18.613 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Resp Lower	Upper
83	100		
55	82.1	60.4	90.6
98	45.3	36.5	54.7

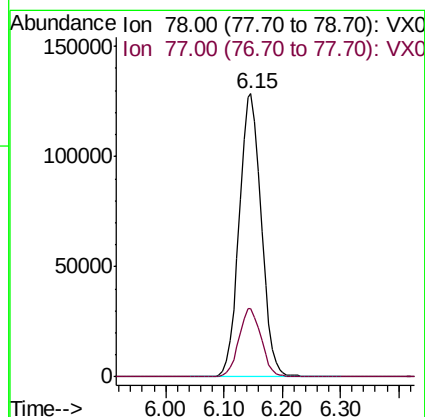
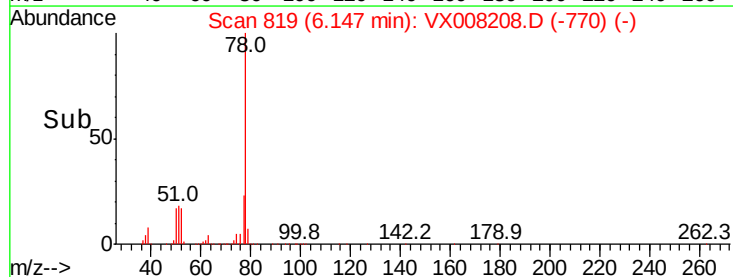
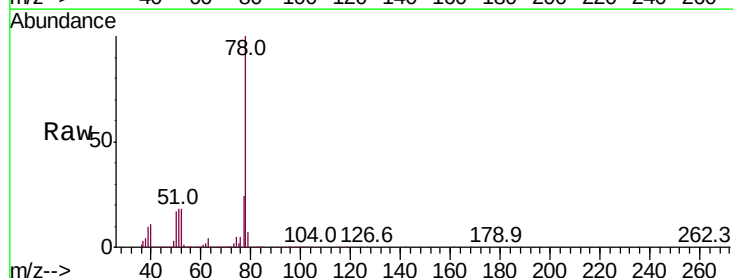
Manual Integrations
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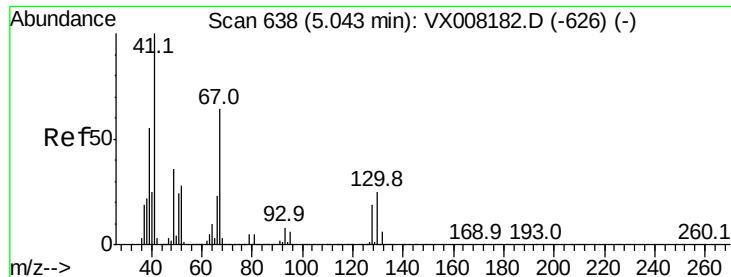
MMDadoda
3/20/2019 10:27:33 AM



#40
Benzene
Concen: 20.318 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Resp Lower	Upper
78	100		
77	23.9	19.0	28.4





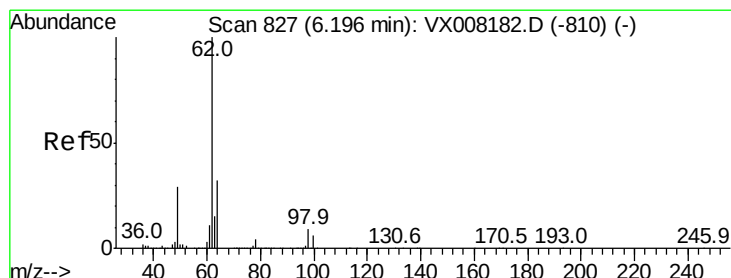
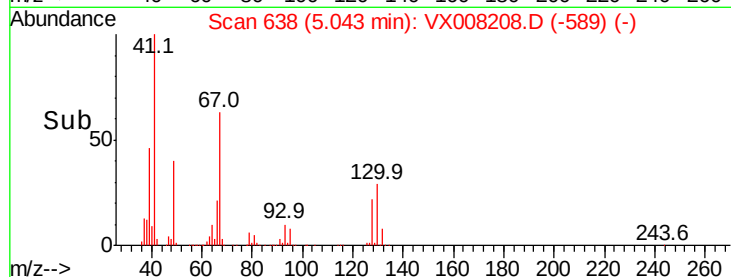
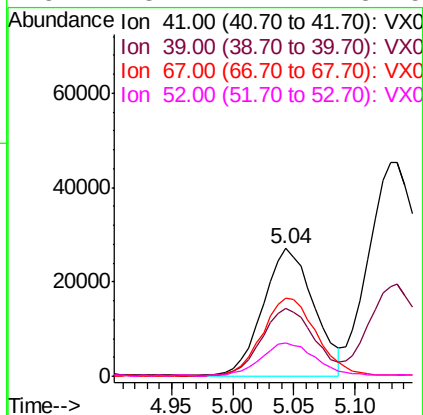
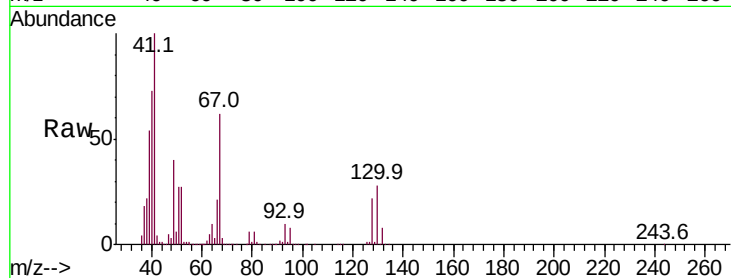
#41
Methacrylonitrile
Concen: 20.901 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	41.6	62.4	
67	66.4	55.8	83.6	
52	28.1	21.7	32.5	

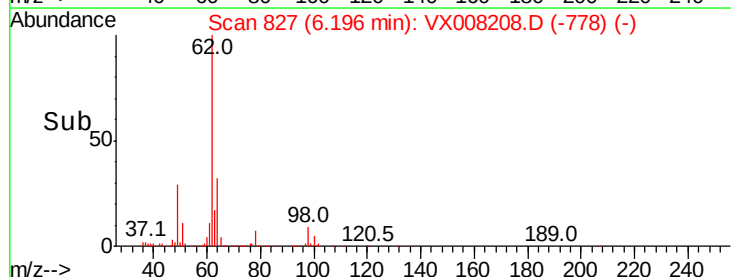
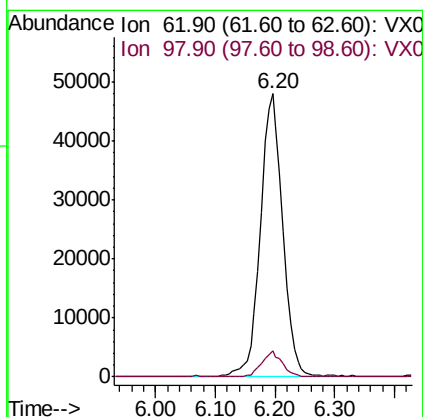
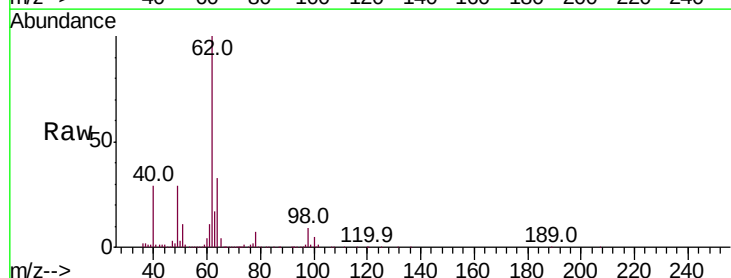
Manual Integrations
APPROVED

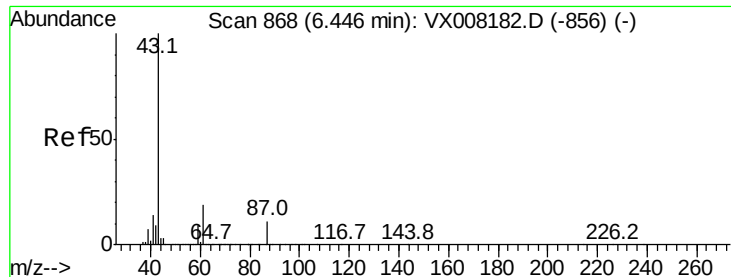
MMDadoda
3/20/2019 10:27:33 AM



#42
1,2-Dichloroethane
Concen: 20.349 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	20.4	





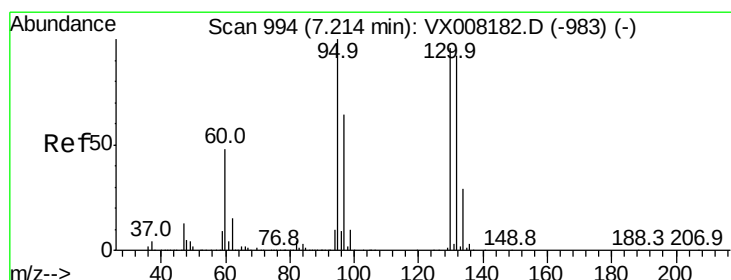
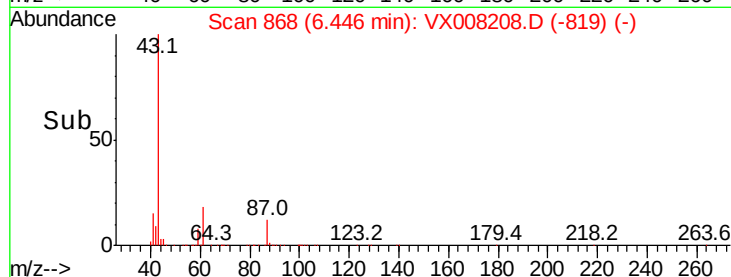
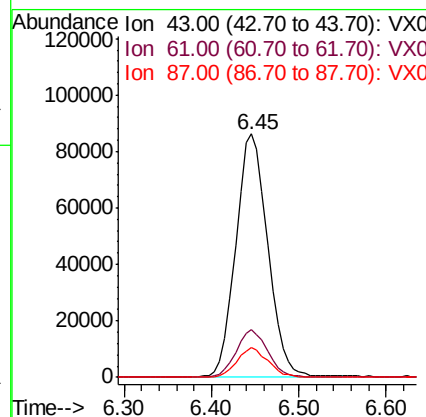
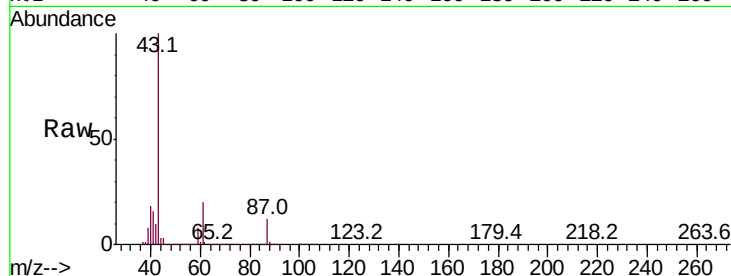
#43
Isopropyl Acetate
Concen: 20.425 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	16.3	24.5
87	12.0	10.5	15.7

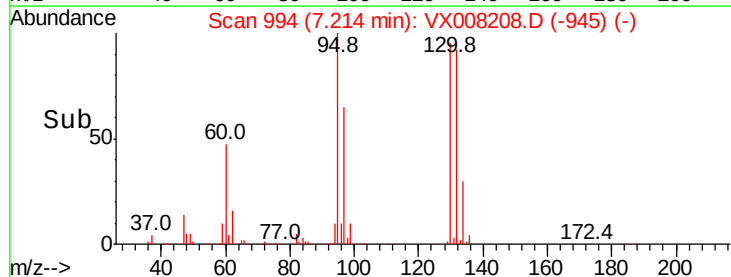
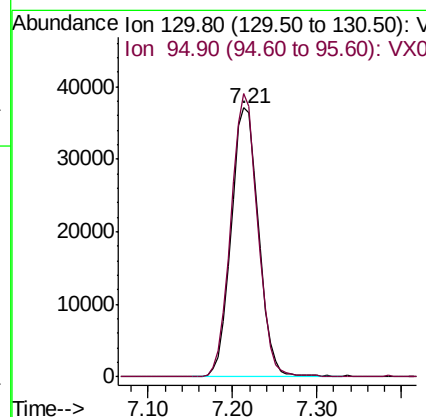
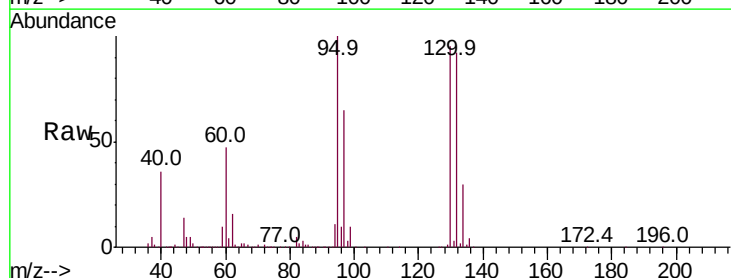
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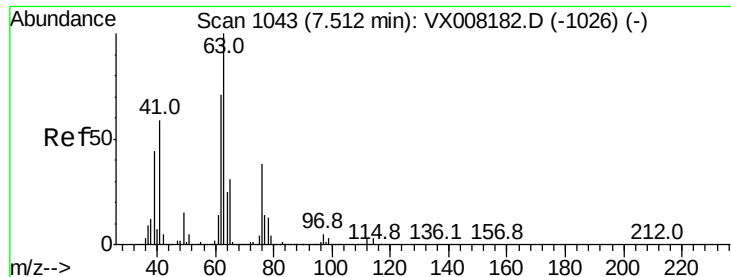
MMDadoda
3/20/2019 10:27:33 AM



#44
Trichloroethene
Concen: 20.170 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	188.0





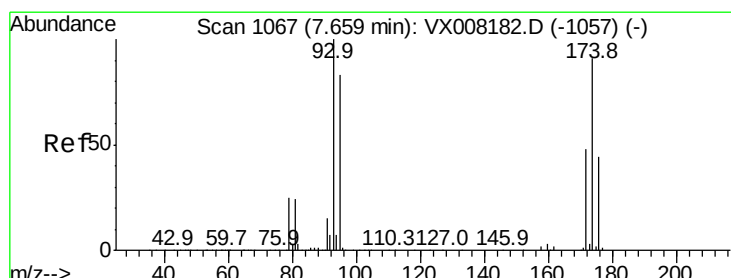
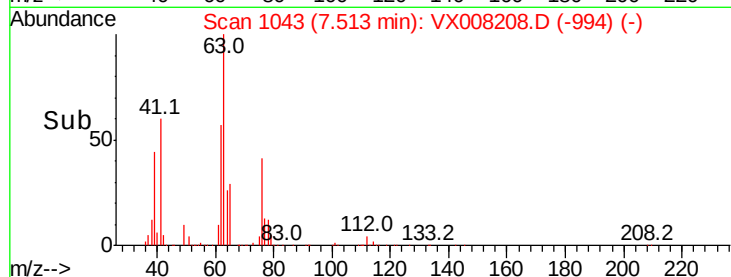
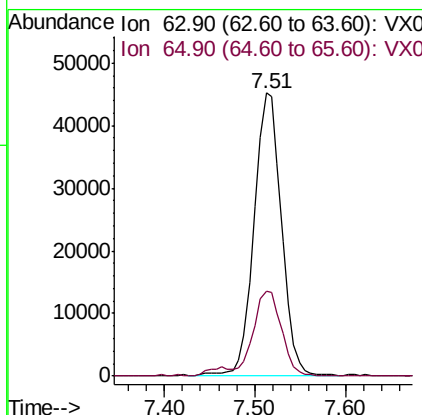
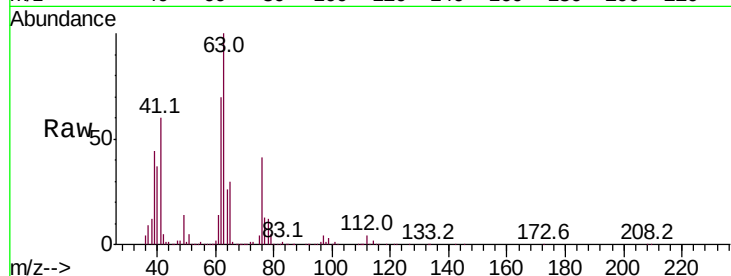
#45
 1,2-Dichloropropane
 Concen: 20.146 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.7	37.1

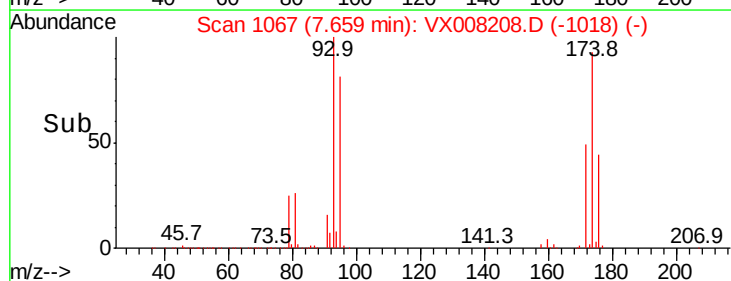
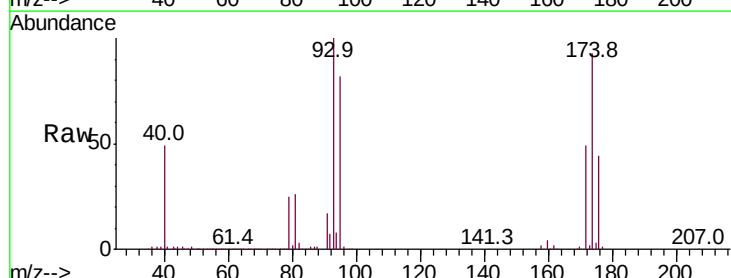
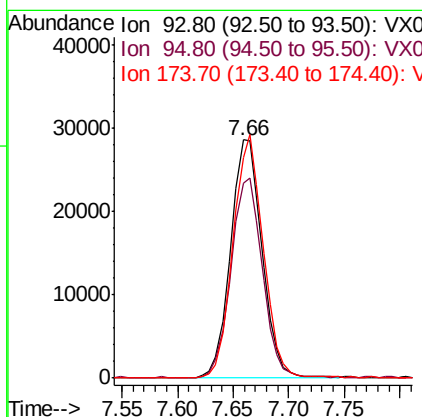
Manual Integrations
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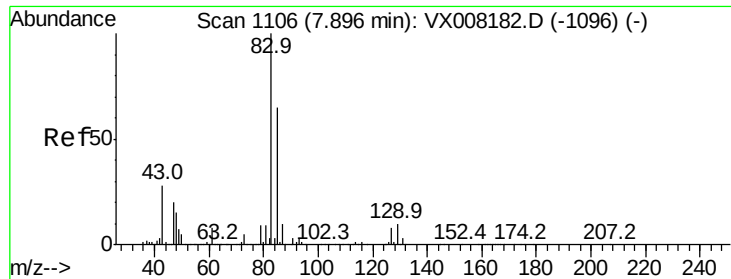
MMDadoda
 3/20/2019 10:27:33 AM



#46
 Dibromomethane
 Concen: 19.831 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	66.8	100.2
174	98.1	97.3	145.9





#47

Bromodichloromethane

Concen: 20.089 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

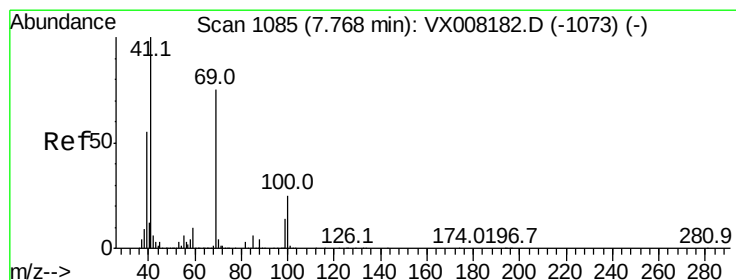
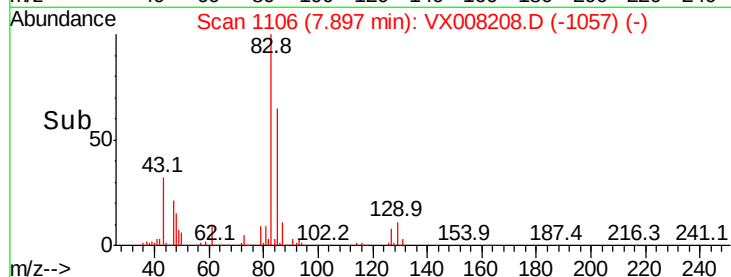
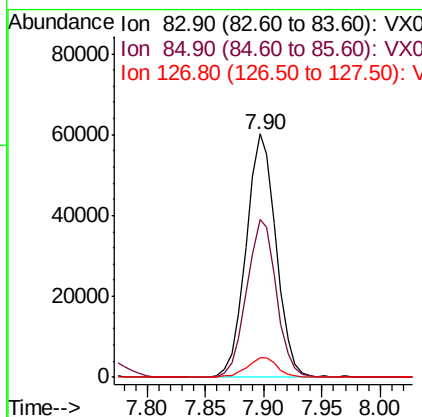
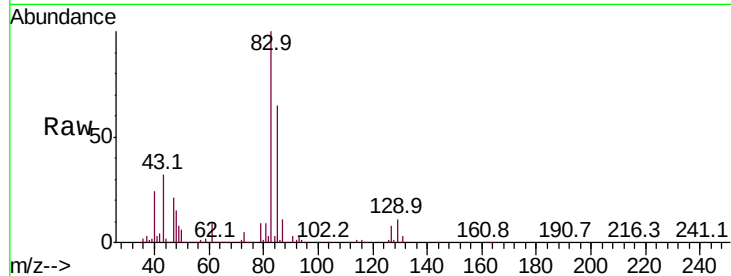
ClientSampleId :

VX0319WBS02

Tot Ion:	83	Resp:	108223
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.9	76.3
127	8.0	7.4	11.0

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 20.484 ug/l

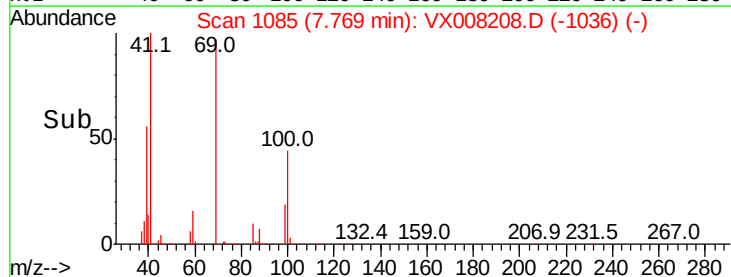
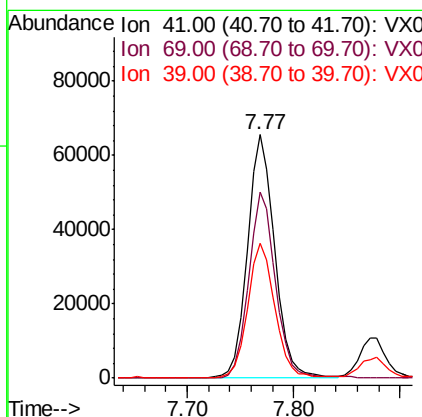
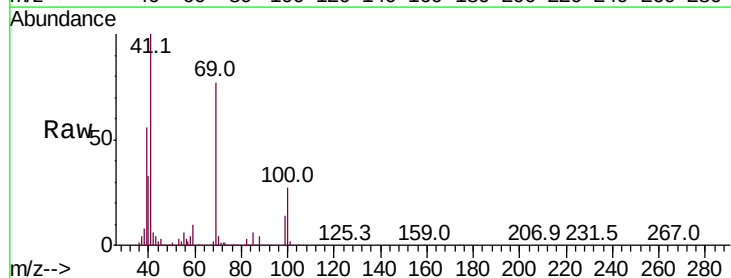
RT: 7.77 min Scan# 1085

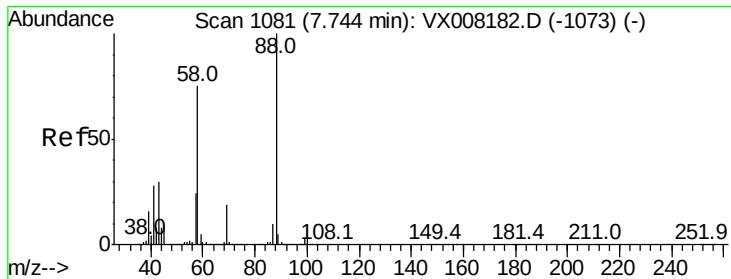
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion:	41	Resp:	116287
Ion Ratio	Lower	Upper	
41	100		
69	76.5	65.2	97.8
39	56.5	39.4	59.2





#49

1,4-Dioxane

Concen: 415.500 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

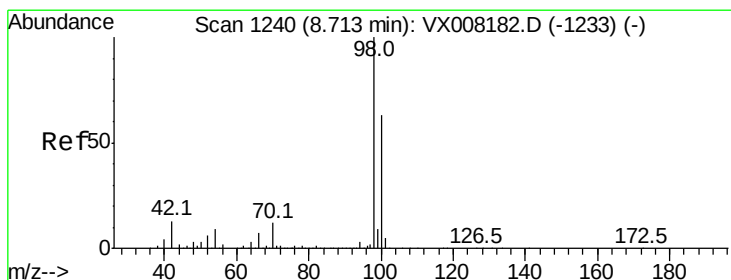
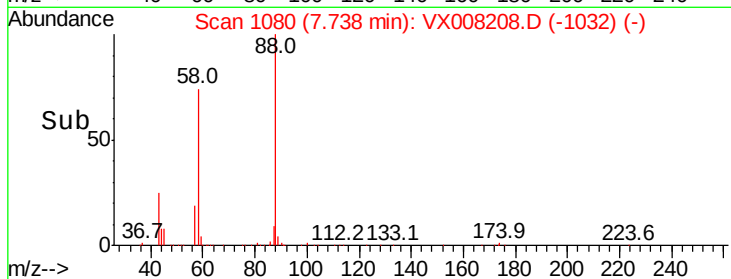
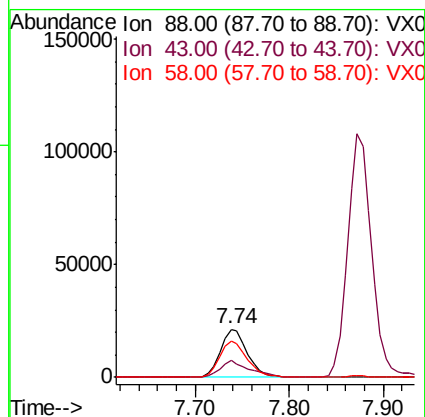
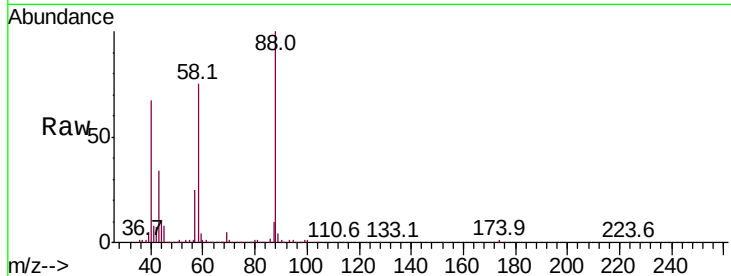
ClientSampleId :

VX0319WBS02

Tot Ion:	88	Resp:	41625
Ion Ratio	Lower	Upper	
88	100		
43	36.1	25.1	37.7
58	77.1	57.8	86.6

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#50

Toluene-d8

Concen: 50.363 ug/l

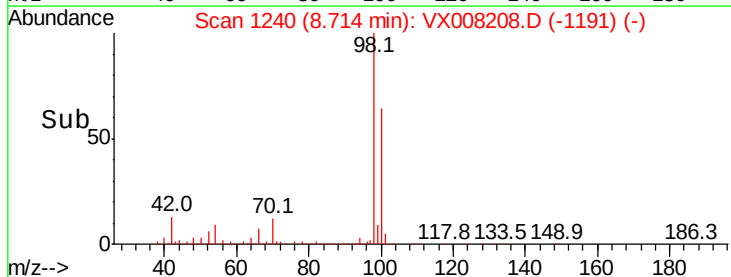
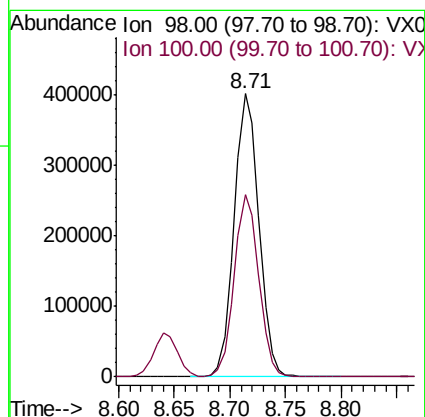
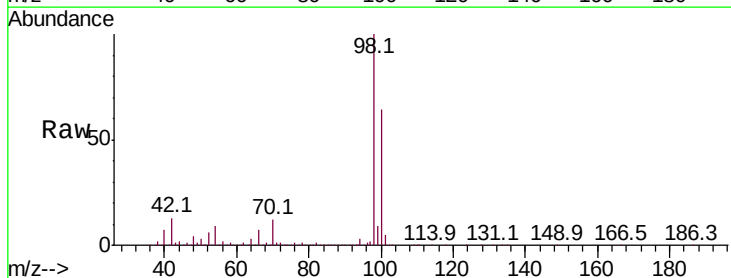
RT: 8.71 min Scan# 1240

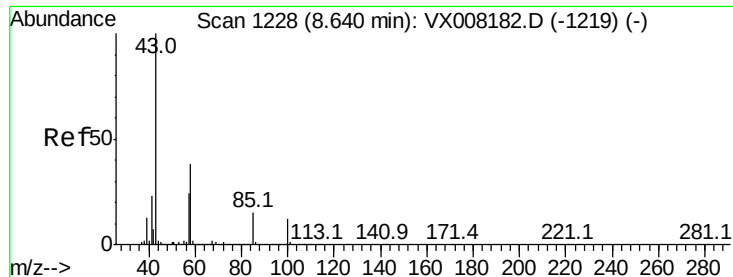
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion:	98	Resp:	618655
Ion Ratio	Lower	Upper	
98	100		
100	63.6	51.7	77.5





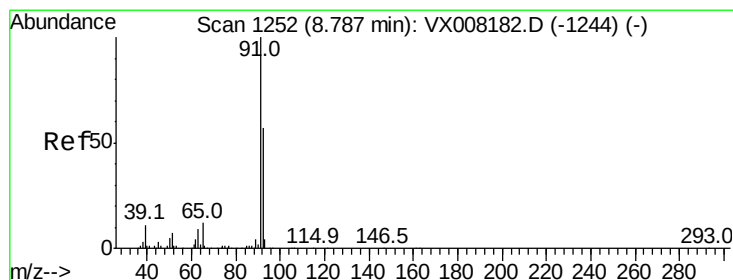
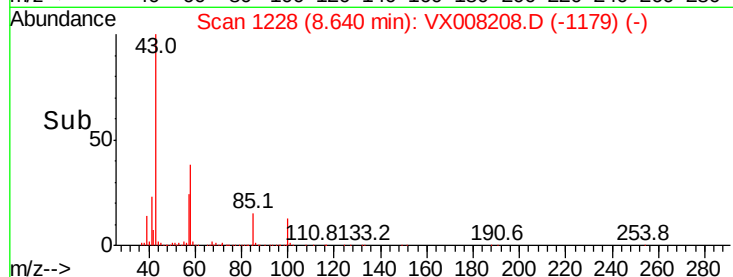
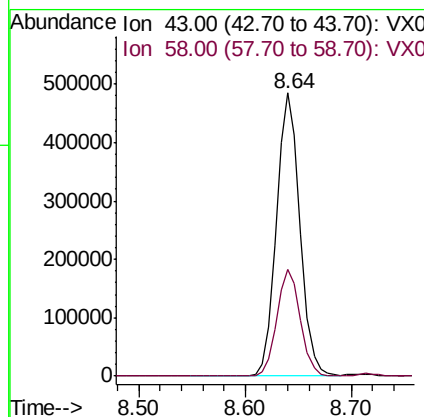
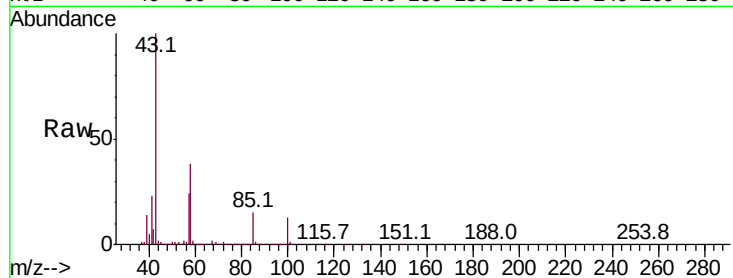
#51
4-Methyl-2-Pentanone
Concen: 107.484 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.6	31.3	46.9

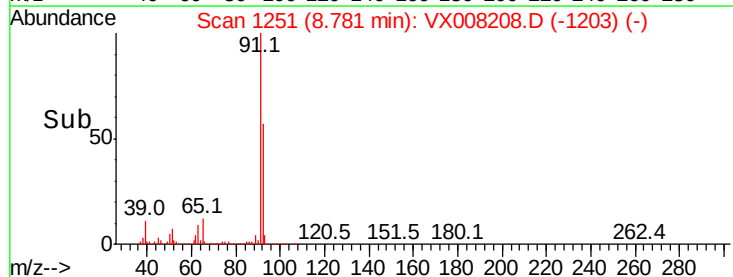
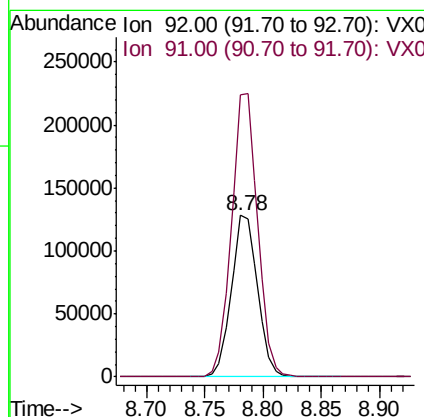
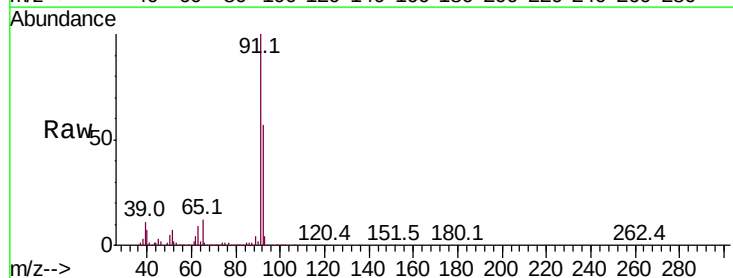
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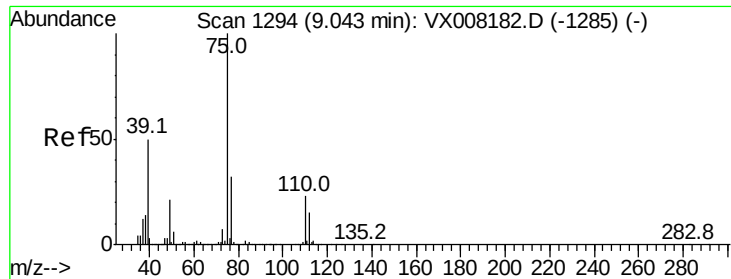
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#52
Toluene
Concen: 20.346 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.2	137.4	206.0





#53

t-1,3-Dichloropropene

Concen: 17.955 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 75 Resp: 114805

Ion Ratio Lower Upper

75 100

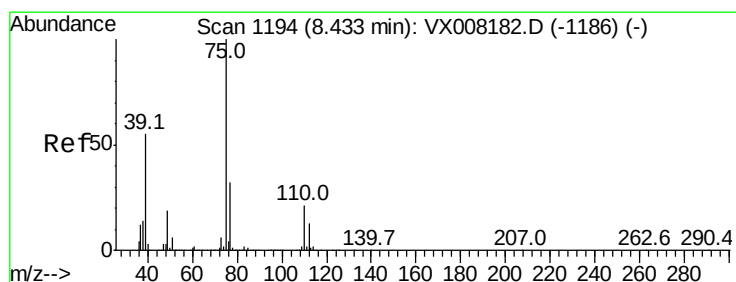
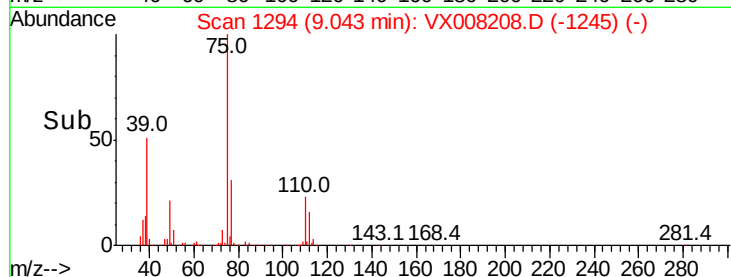
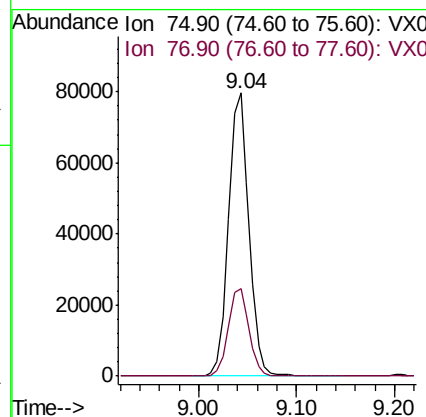
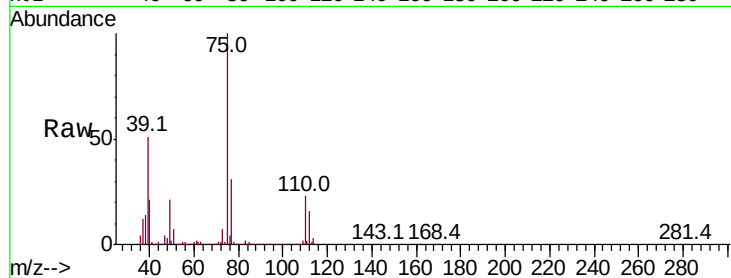
77 31.0 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 19.324 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

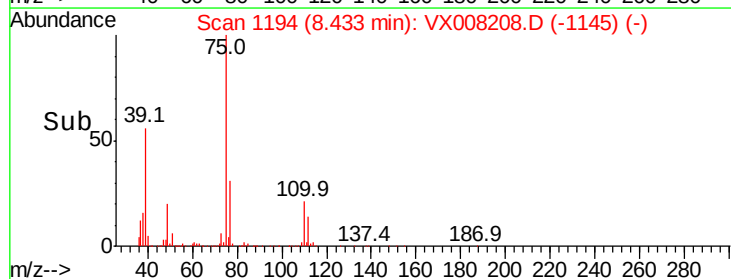
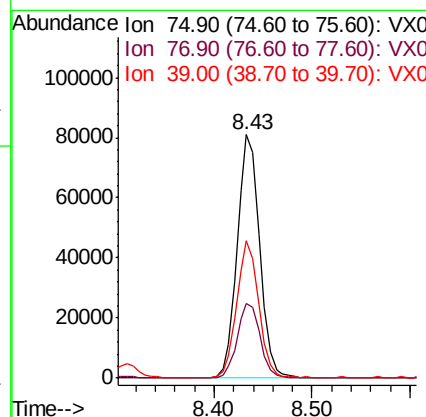
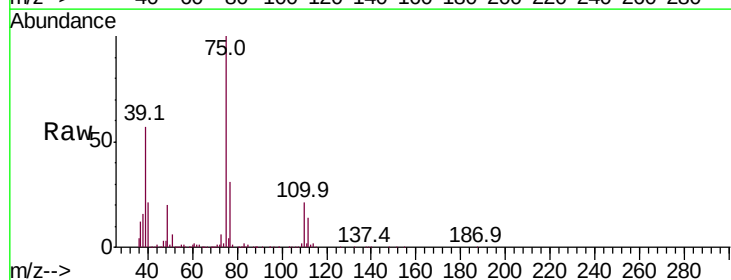
Tgt Ion: 75 Resp: 129198

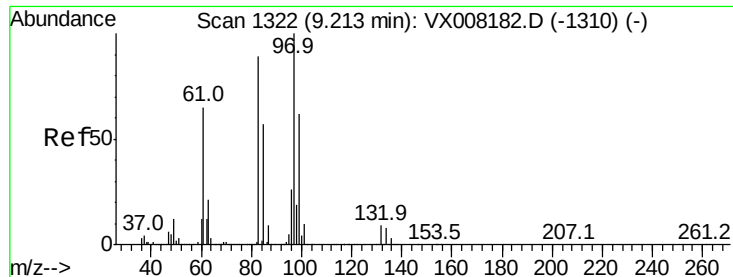
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

39 56.4 36.6 54.8#





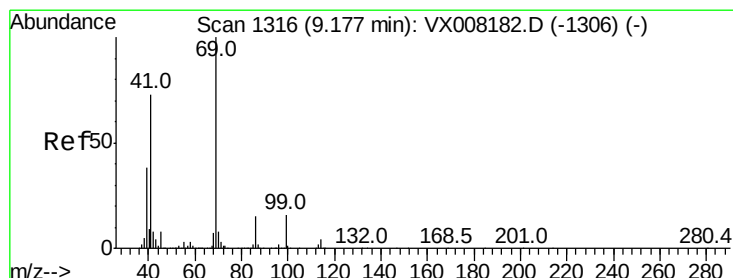
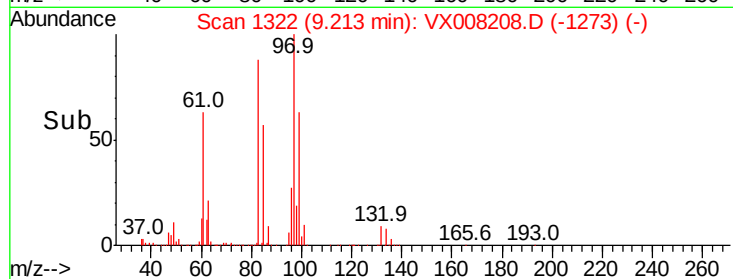
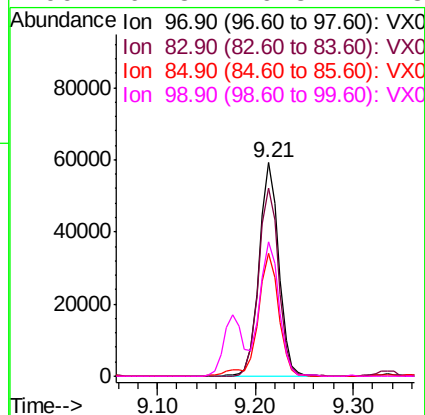
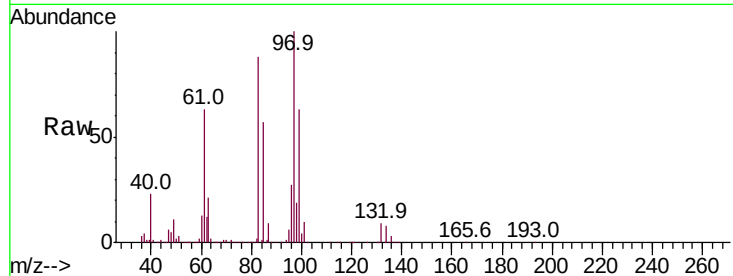
#55
 1,1,2-Trichloroethane
 Concen: 20.812 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

Tot Ion	97	Resp	83198
Ion Ratio	100	Lower	Upper
97	100		
83	88.1	69.1	103.7
85	57.2	44.3	66.5
99	62.8	49.8	74.8

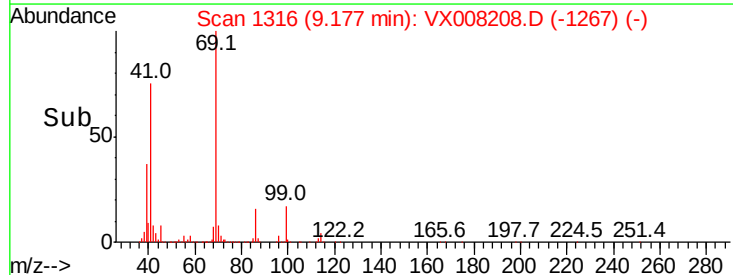
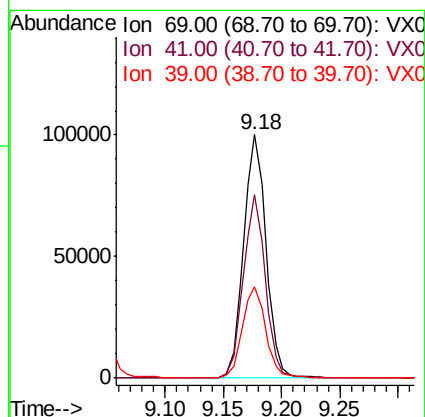
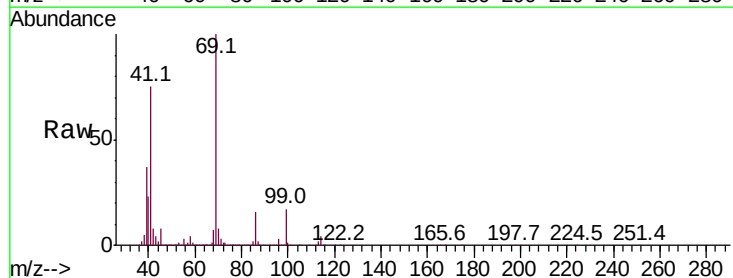
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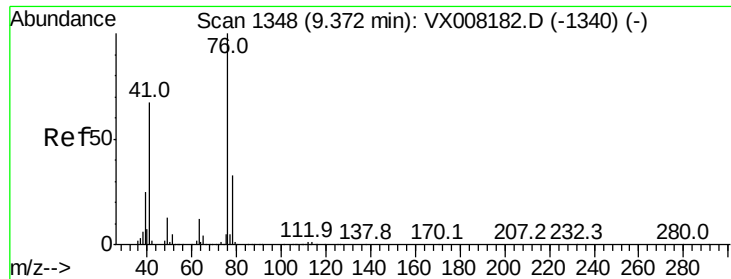
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#56
 Ethyl methacrylate
 Concen: 19.681 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion	69	Resp	135747
Ion Ratio	100	Lower	Upper
69	100		
41	73.9	54.2	81.4
39	38.3	25.0	37.4#





#57

1,3-Dichloropropane

Concen: 20.729 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

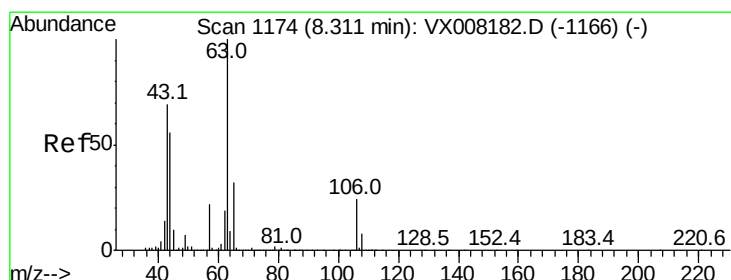
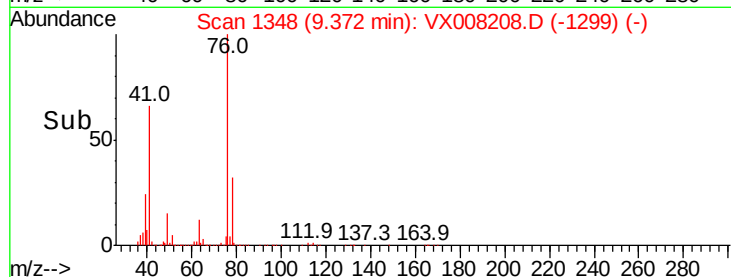
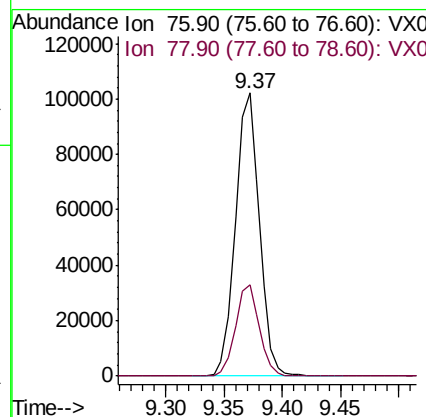
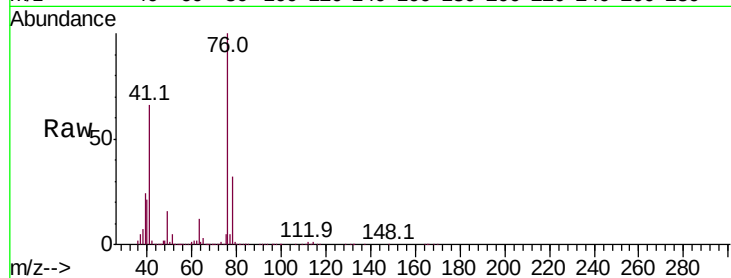
Instrument :
MSVOA_X

ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 97.642 ug/l

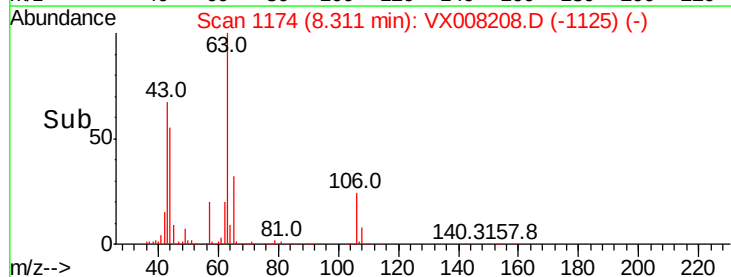
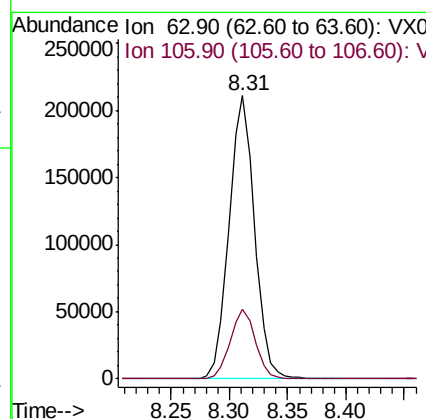
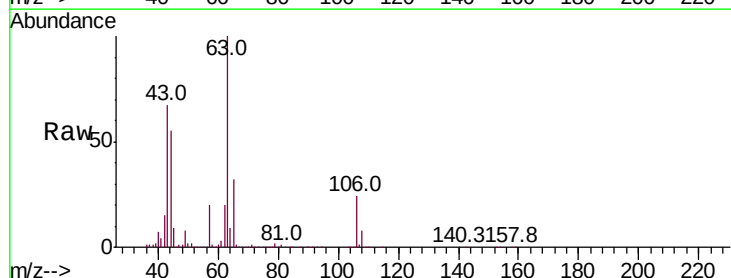
RT: 8.31 min Scan# 1174

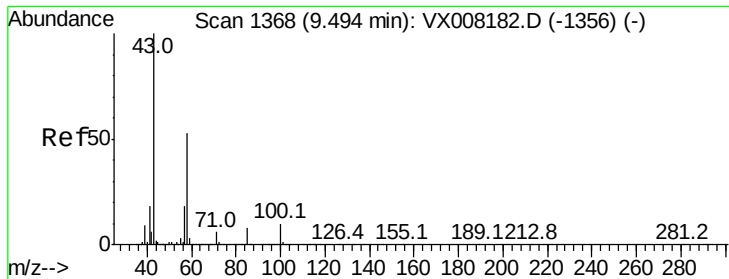
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.5	22.2	33.2





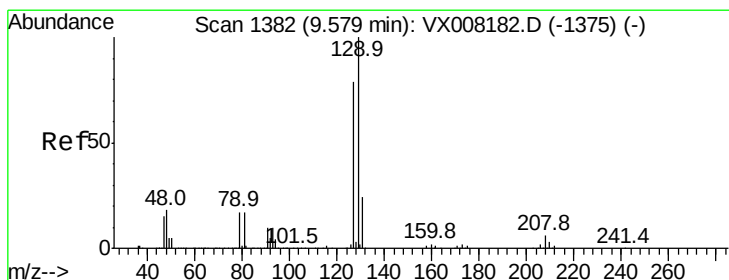
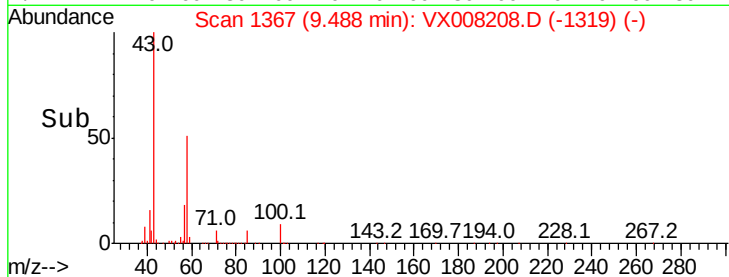
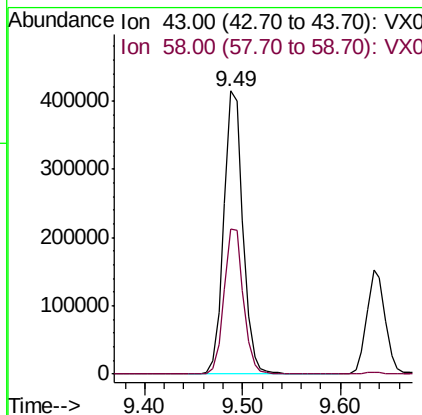
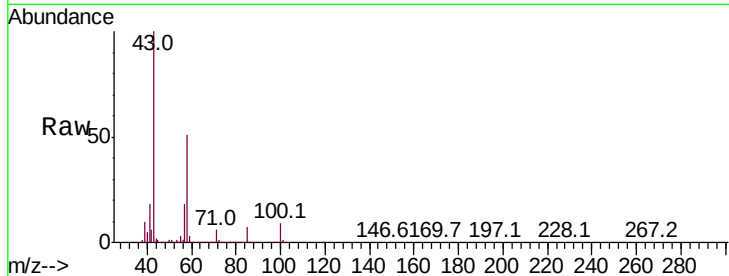
#59
2-Hexanone
Concen: 105.685 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion: 43 Resp: 561616
Ion Ratio Lower Upper
43 100
58 51.8 27.6 82.7

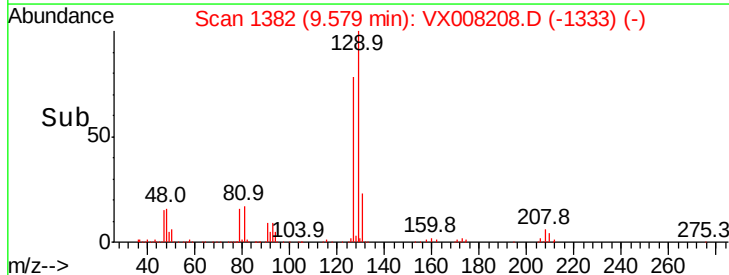
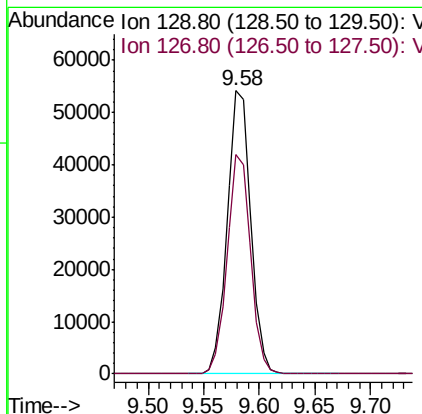
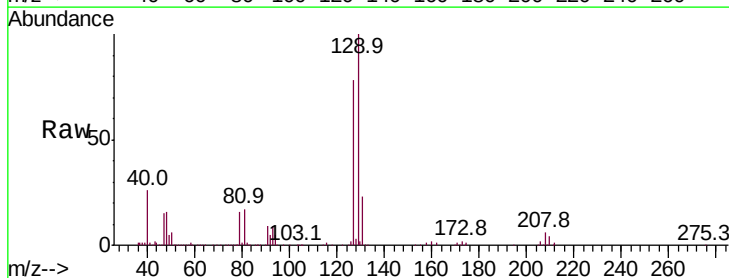
Manual Integrations
APPROVED

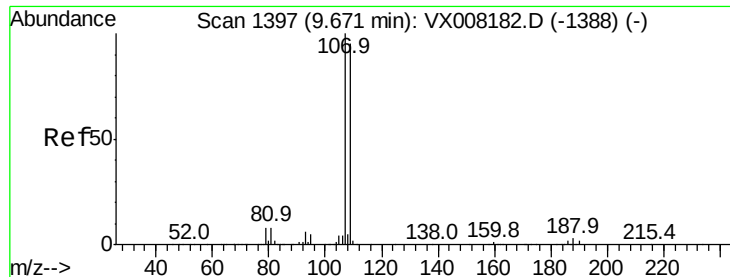
MMDadoda
3/20/2019 10:27:33 AM



#60
Dibromochloromethane
Concen: 20.651 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion: 129 Resp: 79339
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.679 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion:107 Resp: 86317

Ion Ratio Lower Upper

107 100

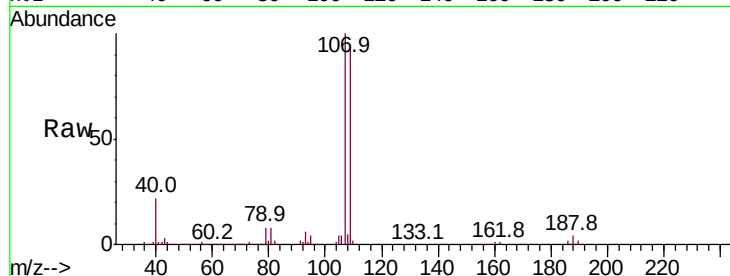
109 93.0 75.8 113.8

Manual Integrations

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MMDadoda

3/20/2019 10:27:33 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

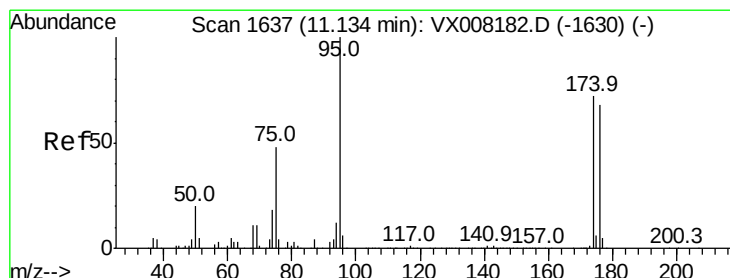
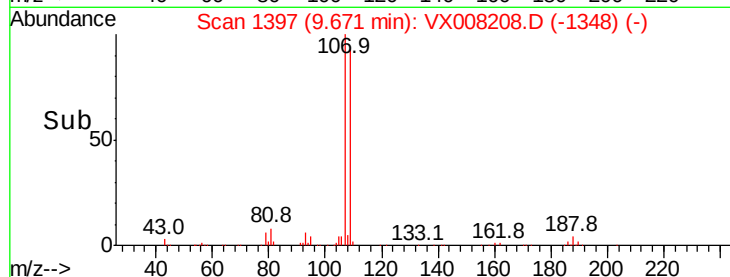
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.737 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

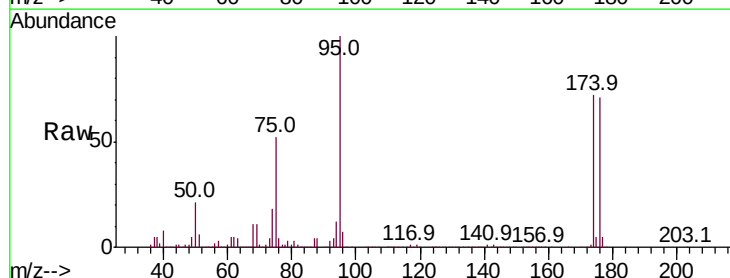
Tgt Ion: 95 Resp: 218824

Ion Ratio Lower Upper

95 100

174 77.6 0.0 182.8

176 75.4 0.0 178.0



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

11.13

200000

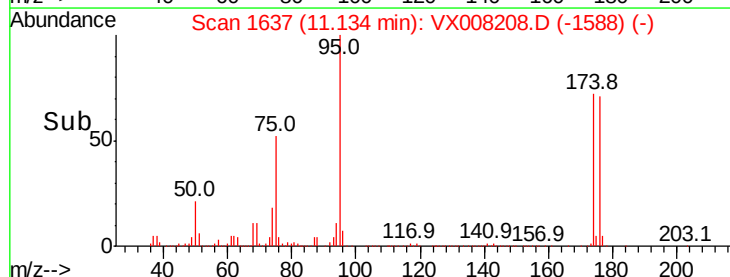
150000

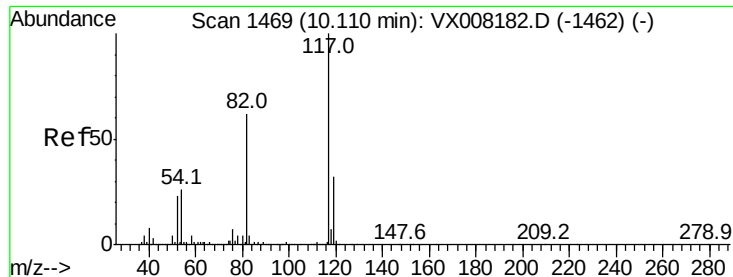
100000

50000

0

Time-->





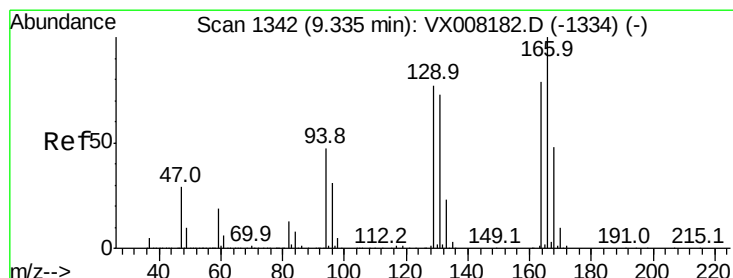
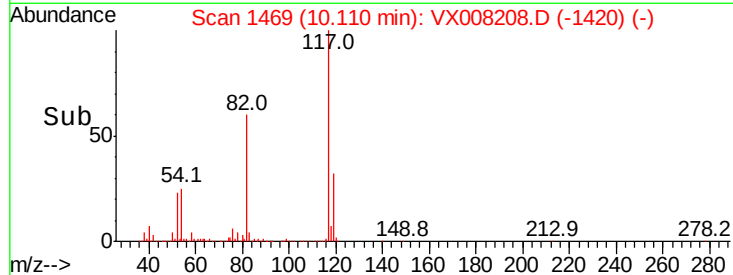
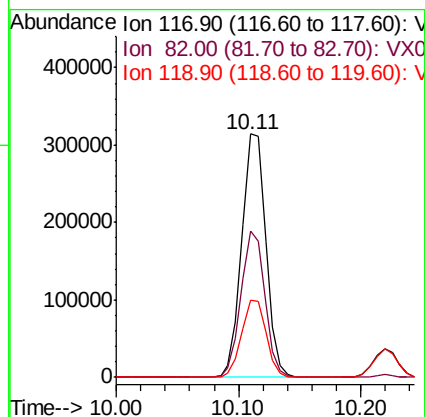
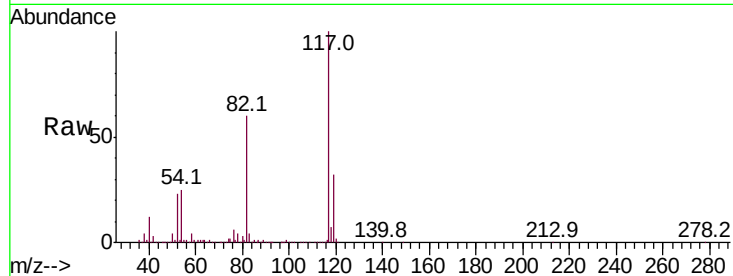
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	44.3	66.5
119	31.9	25.3	37.9

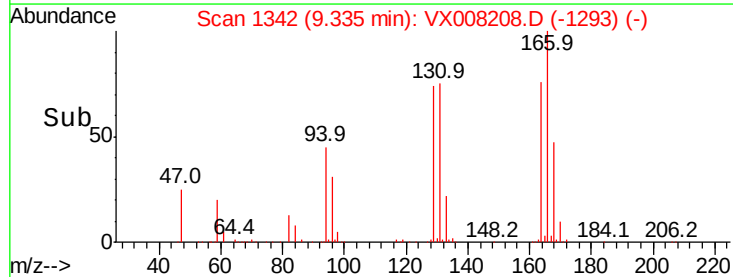
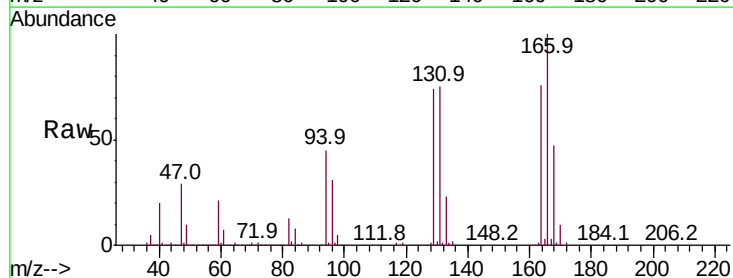
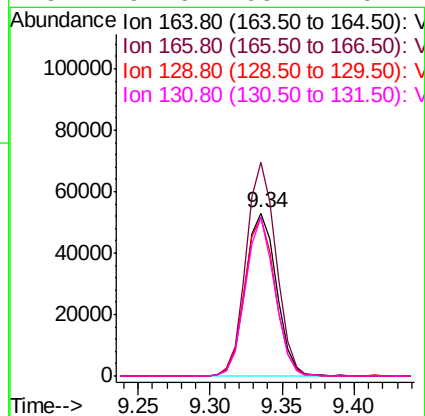
Manual Integrations
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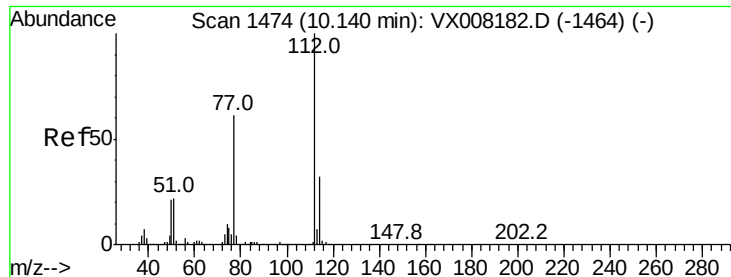
MMDadoda
3/20/2019 10:27:33 AM



#64
Tetrachloroethene
Concen: 20.313 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	103.4	155.0
129	97.2	72.2	108.4
131	97.6	69.4	104.2





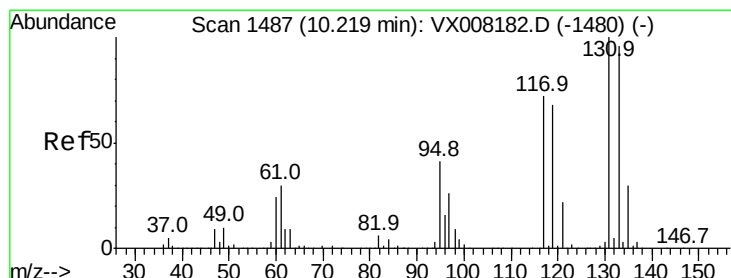
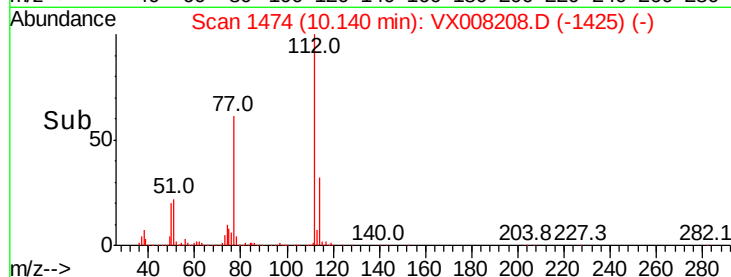
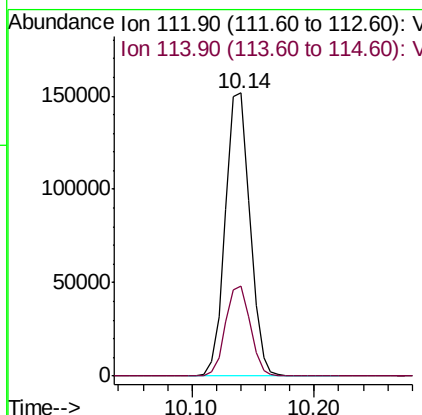
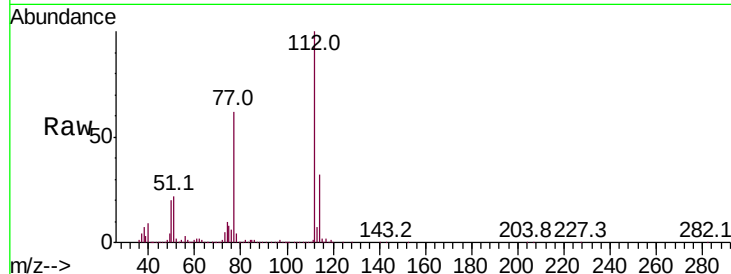
#65
Chlorobenzene
Concen: 19.967 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion:112 Resp: 211403
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0

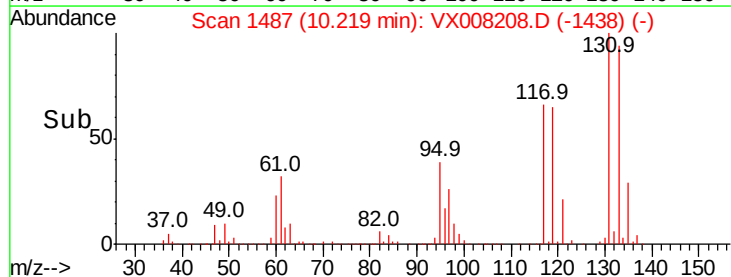
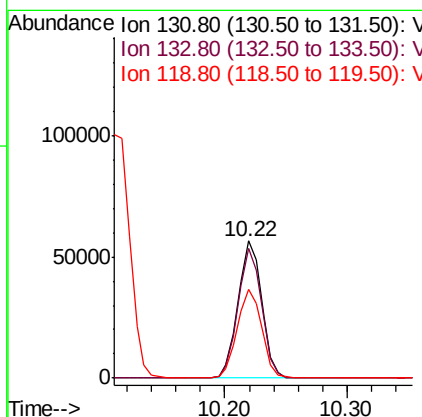
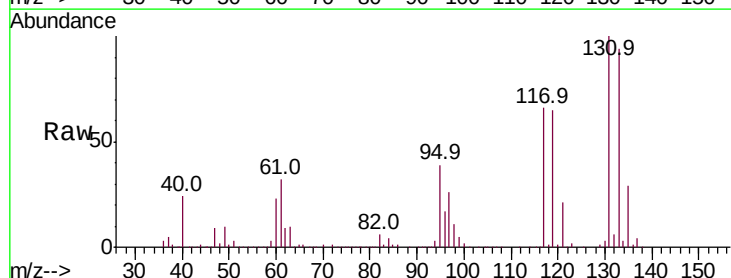
Manual Integrations
APPROVED

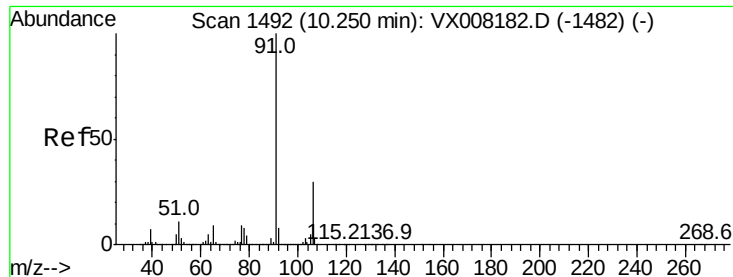
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.491 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion:131 Resp: 75645
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 66.1 32.5 97.5





#67

Ethyl Benzene

Concen: 20.200 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0319WBS02

Tot Ion: 91 Resp: 376893

Ion Ratio Lower Upper

91 100

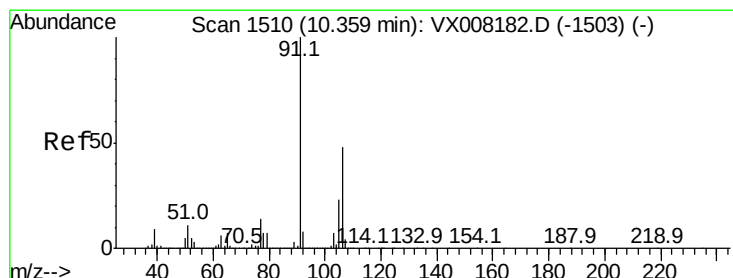
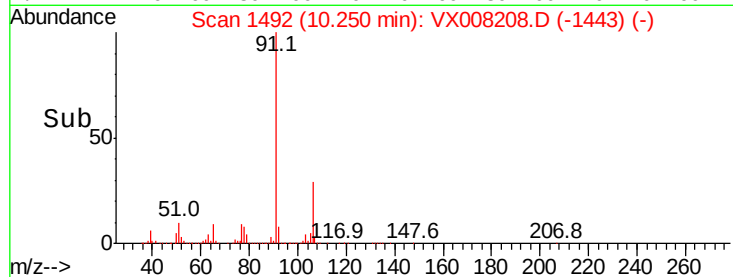
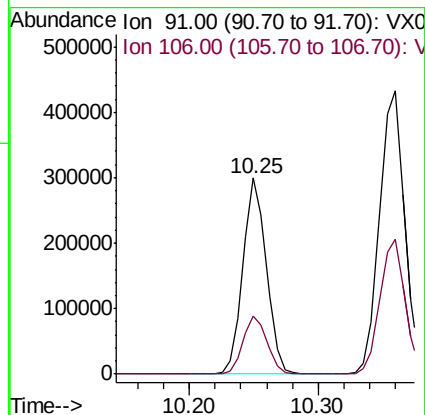
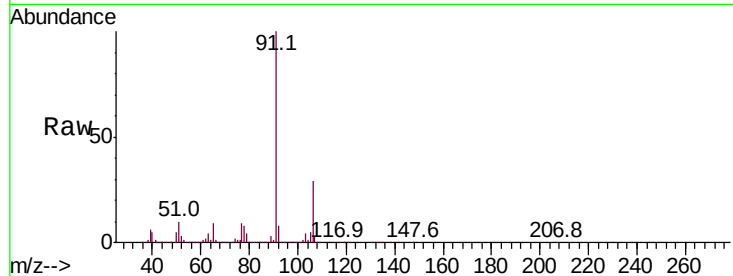
106 29.5 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

3/20/2019 10:27:33 AM



#68

m/p-Xylenes

Concen: 40.189 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008208.D

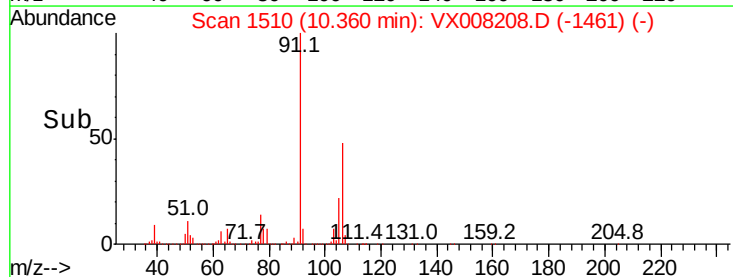
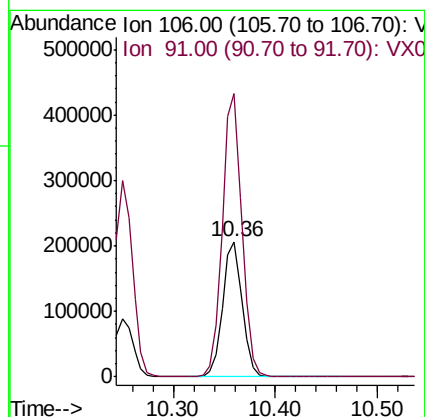
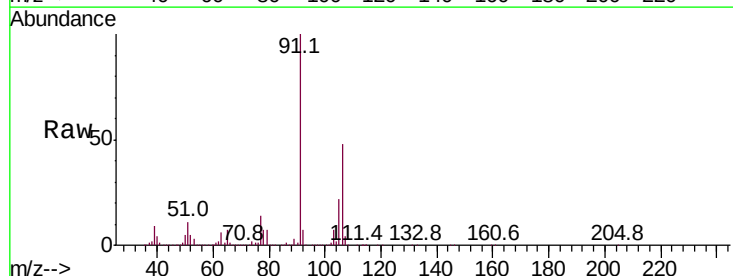
Acq: 19 Mar 2019 23:28

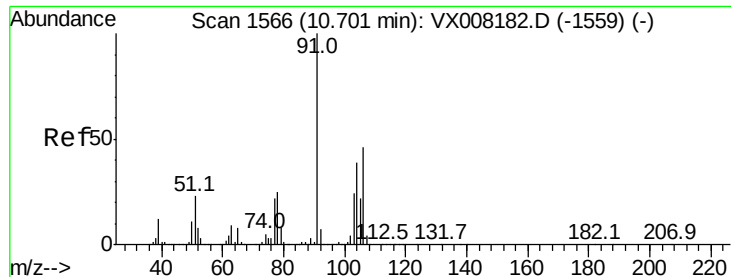
Tgt Ion: 106 Resp: 275446

Ion Ratio Lower Upper

106 100

91 210.1 159.8 239.6





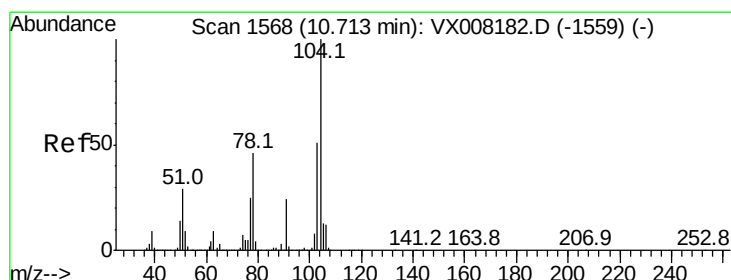
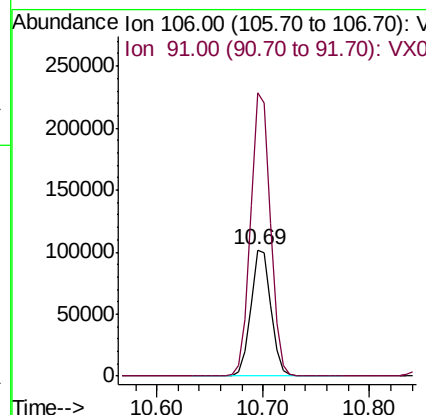
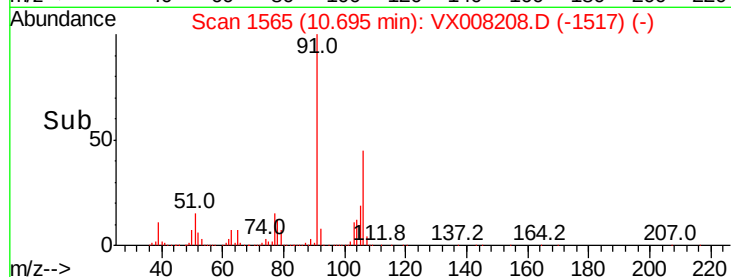
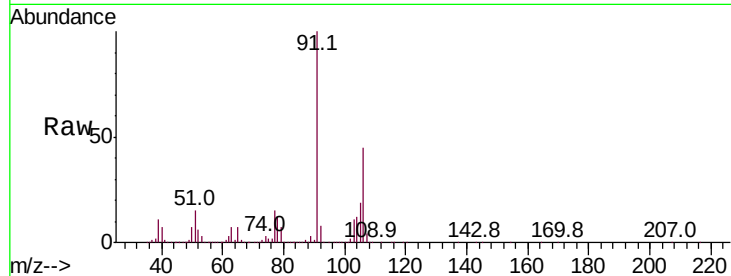
#69
o-Xylene
Concen: 20.346 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.5	106.3	318.9

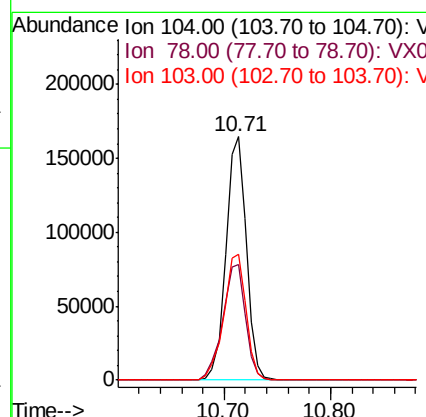
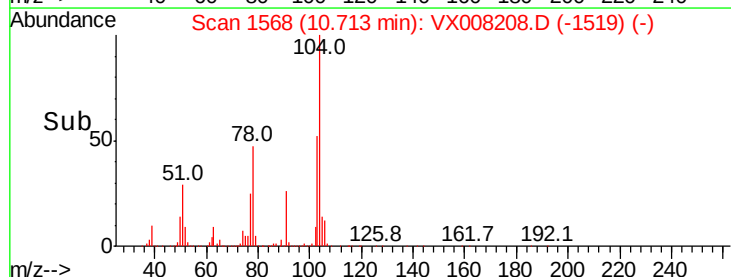
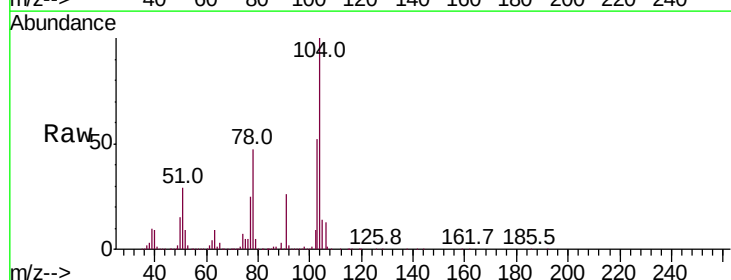
Manual Integrations
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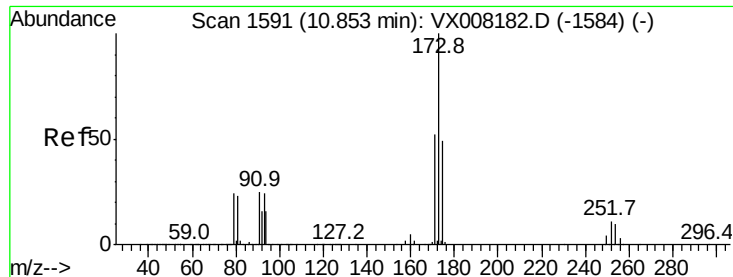
MMDadoda
3/20/2019 10:27:33 AM



#70
Styrene
Concen: 20.374 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.3	38.5	57.7
103	56.2	44.1	66.1





#71

Bromoform

Concen: 19.134 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0319WBS02

Tot Ion:173 Resp: 56334

Ion Ratio Lower Upper

173 100

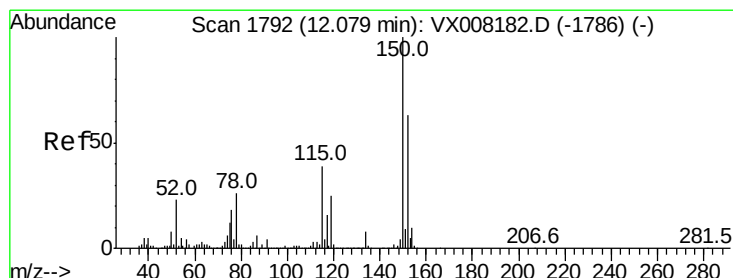
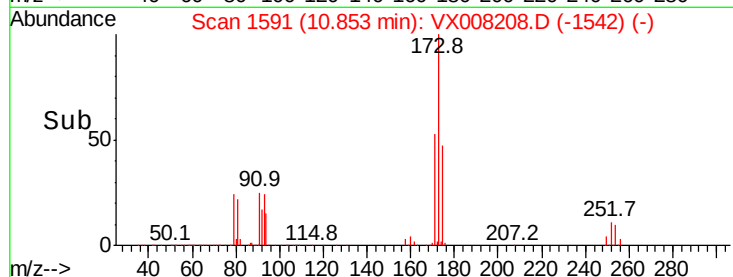
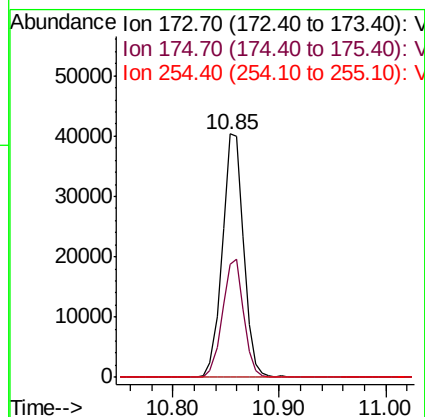
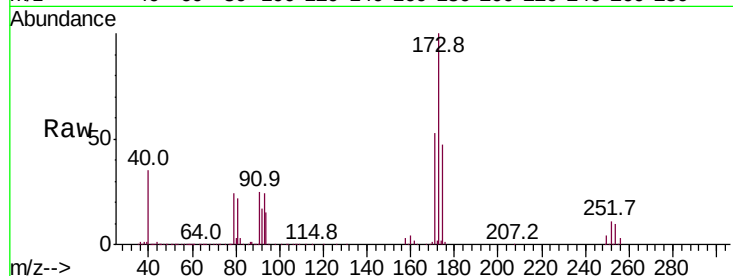
175 48.2 24.3 72.9

254 0.1 0.1 0.1#

Manual Integrations
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MMDadoda

3/20/2019 10:27:33 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

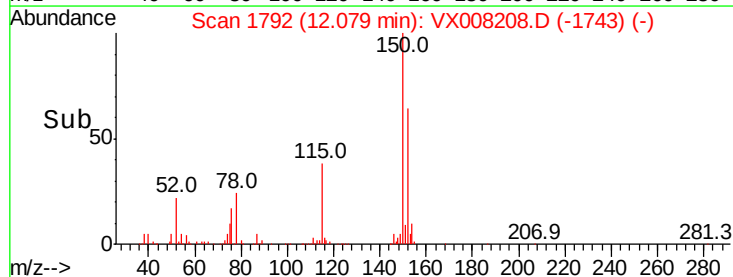
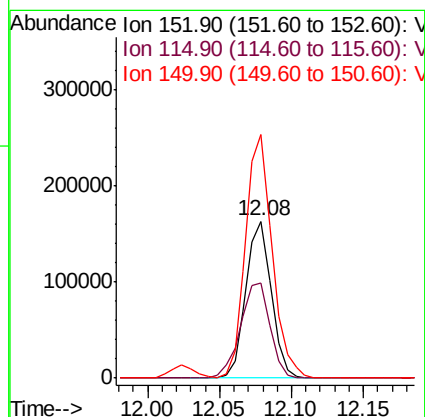
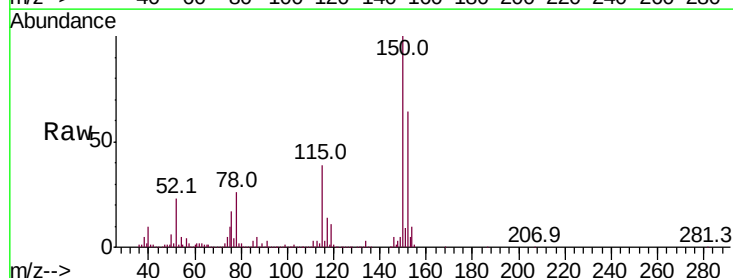
Tgt Ion:152 Resp: 198032

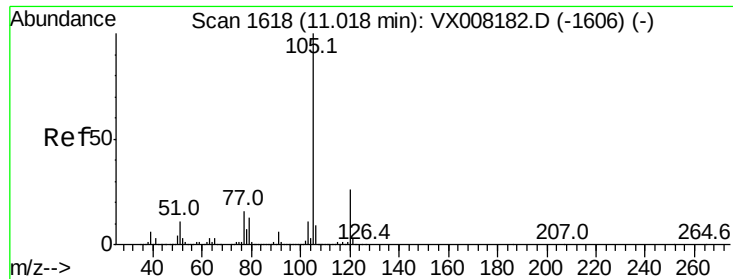
Ion Ratio Lower Upper

152 100

115 71.5 38.6 115.7

150 163.5 0.0 348.4





#73

Isopropylbenzene

Concen: 20.361 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 105 Resp: 359408

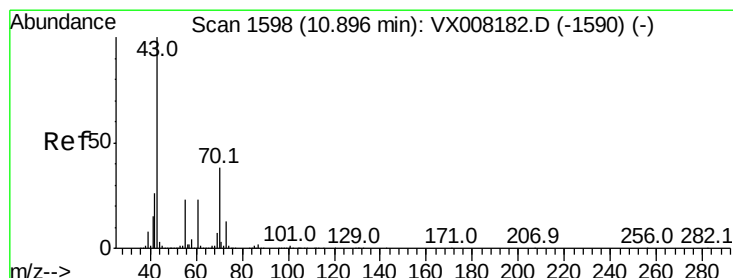
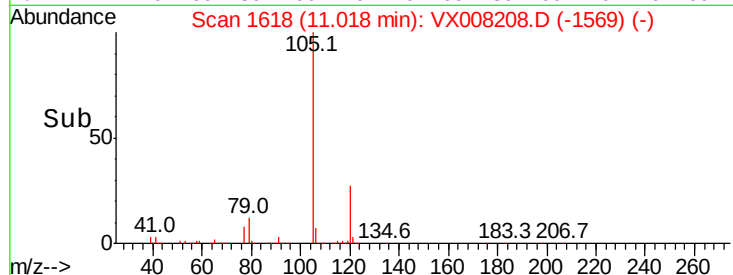
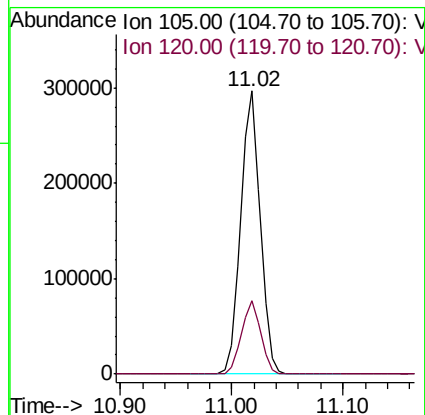
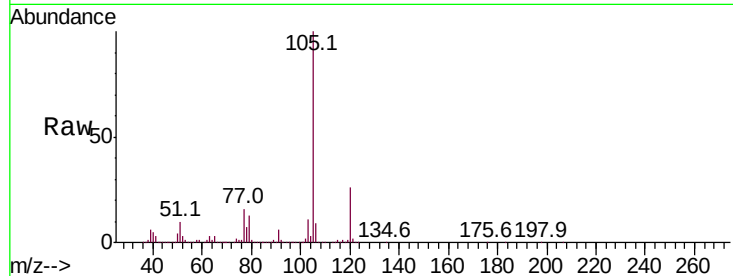
Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1

Manual Integrations
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MMDadoda
3/20/2019 10:27:33 AM



#74

N-ethyl acetate

Concen: 20.606 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion: 43 Resp: 190571

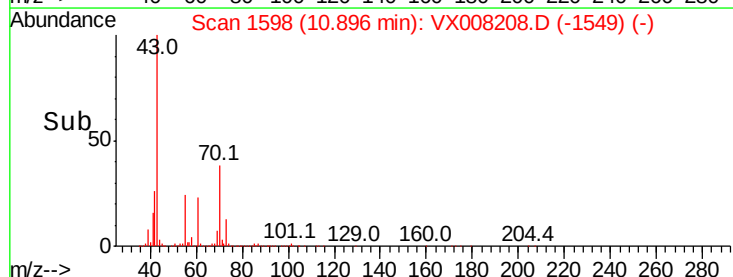
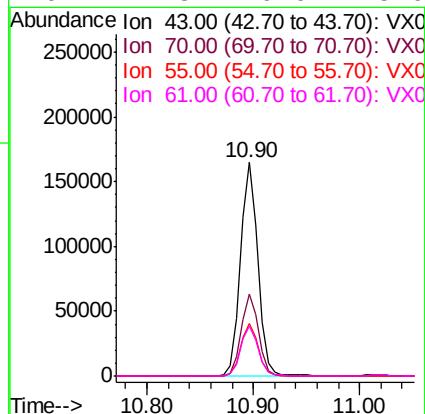
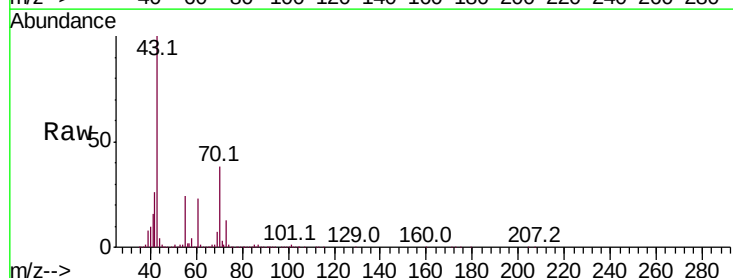
Ion Ratio Lower Upper

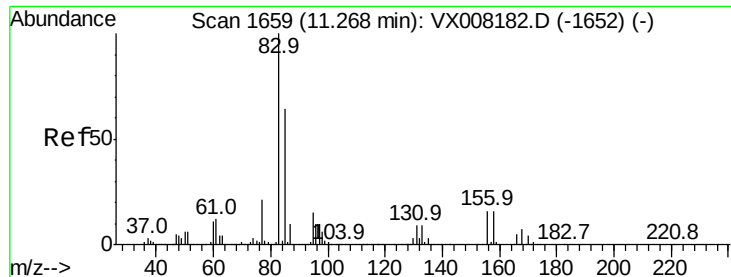
43 100

70 37.9 33.5 50.3

55 25.0 19.2 28.8

61 22.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.652 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 83 Resp: 130719

Ion Ratio Lower Upper

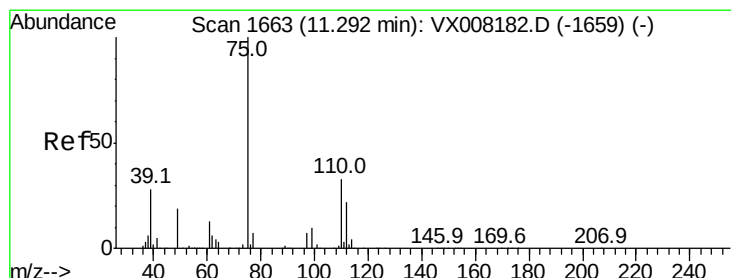
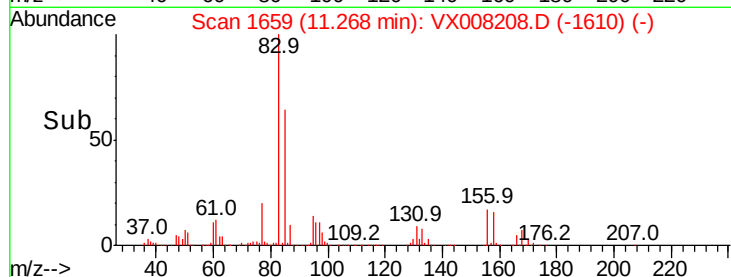
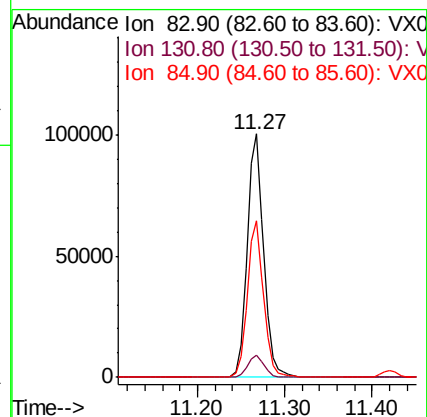
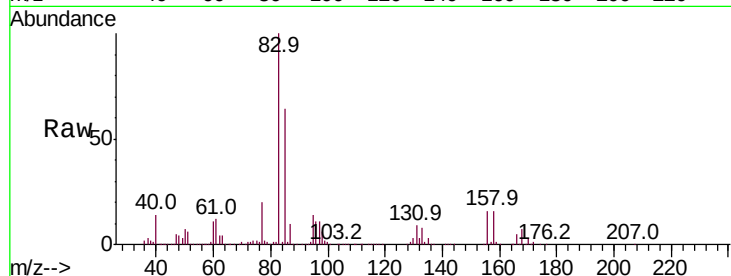
83 100

131 9.2 5.4 16.2

85 63.7 32.3 96.8

Manual Integrations
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MMDadoda
3/20/2019 10:27:33 AM



#76

1,2,3-Trichloropropane

Concen: 20.384 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008208.D

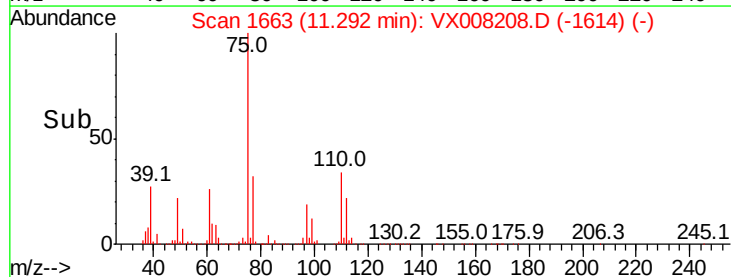
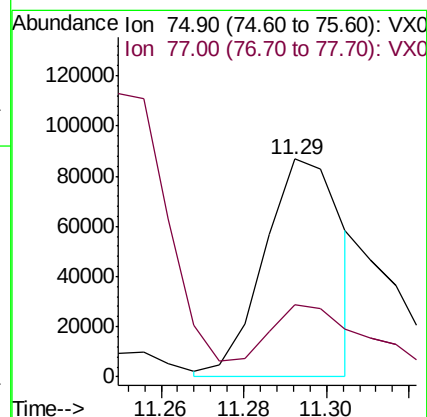
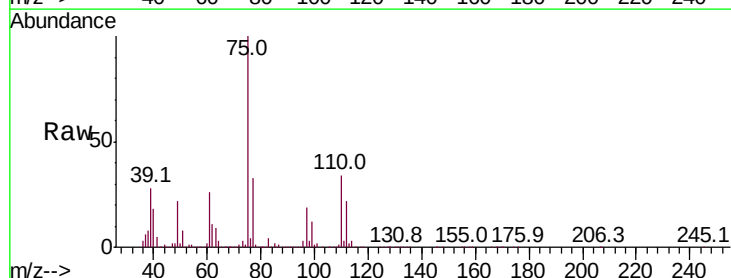
Acq: 19 Mar 2019 23:28

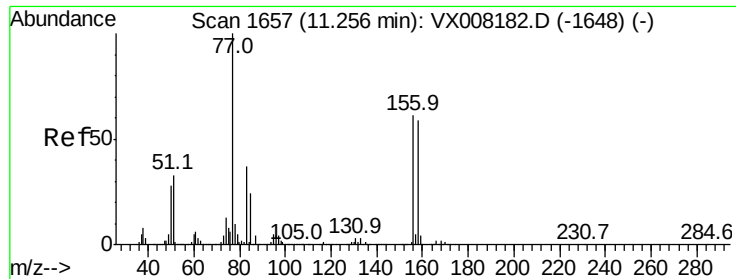
Tgt Ion: 75 Resp: 113534

Ion Ratio Lower Upper

75 100

77 44.0 18.9 56.7





#77

Bromobenzene

Concen: 20.192 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion:156 Resp: 86177

Ion Ratio Lower Upper

156 100

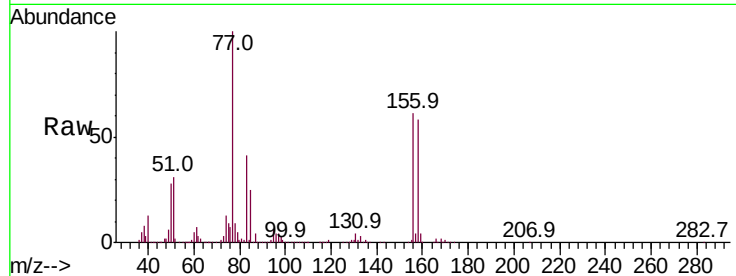
77 174.3 72.0 215.9

158 96.5 48.6 145.9

Manual Integrations
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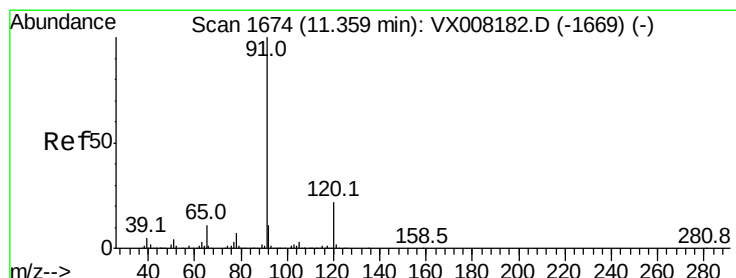
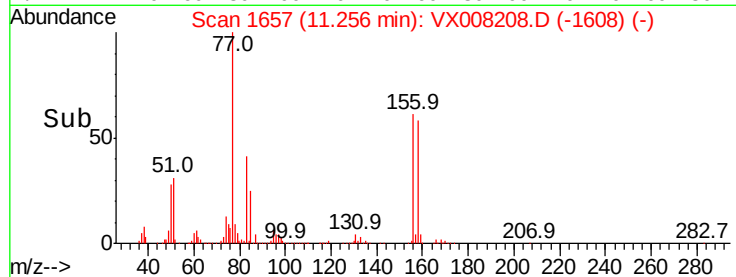
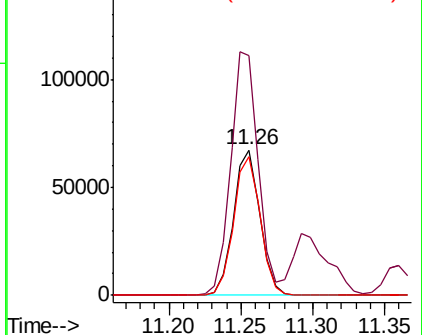
3/20/2019 10:27:33 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.282 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008208.D

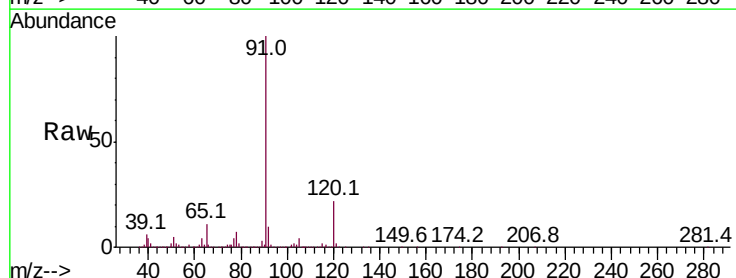
Acq: 19 Mar 2019 23:28

Tgt Ion: 91 Resp: 415821

Ion Ratio Lower Upper

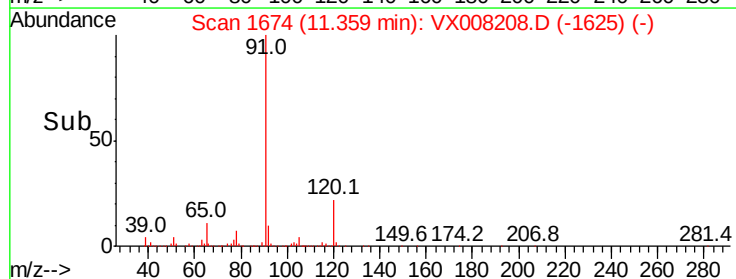
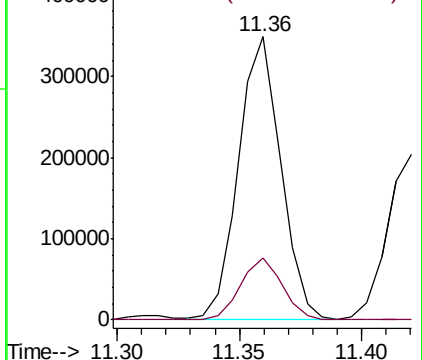
91 100

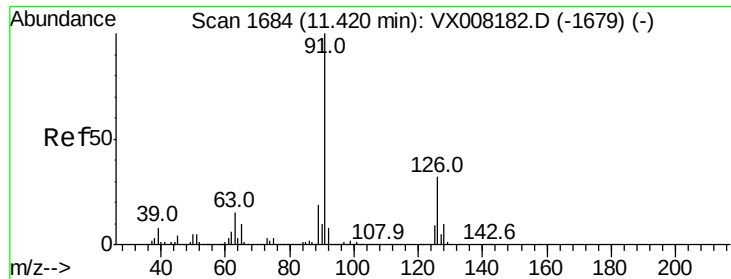
120 21.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.367 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 91 Resp: 250624

Ion Ratio Lower Upper

91 100

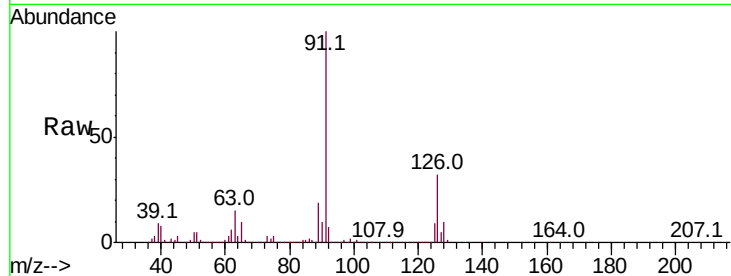
126 32.1 17.5 52.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008208.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008208.D (-1679) (-)

400000

300000

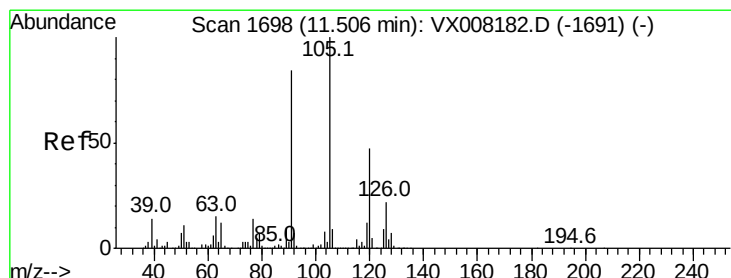
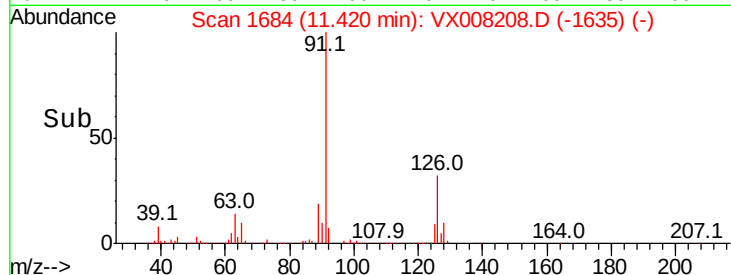
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.348 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008208.D

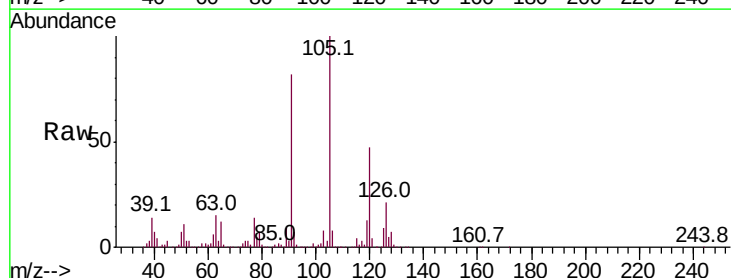
Acq: 19 Mar 2019 23:28

Tgt Ion: 105 Resp: 296741

Ion Ratio Lower Upper

105 100

120 47.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008208.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX008208.D (-1649) (-)

300000

250000

200000

150000

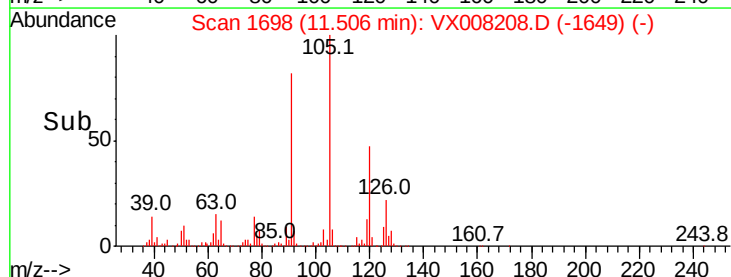
100000

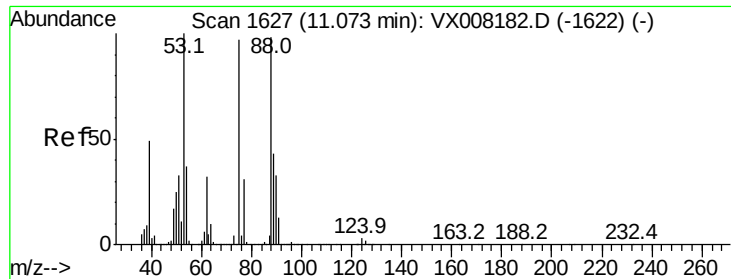
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.750 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 75 Resp: 36696

Ion Ratio Lower Upper

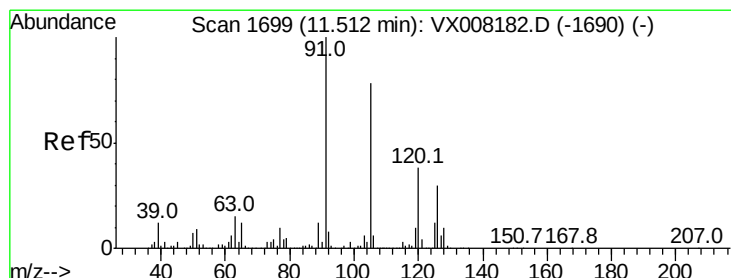
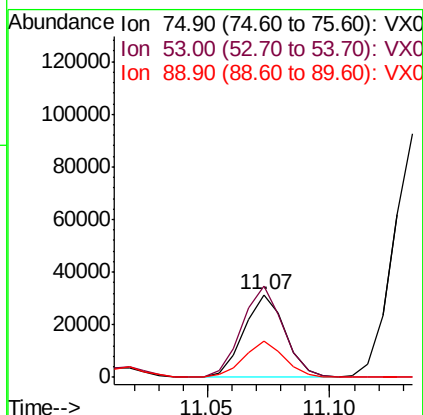
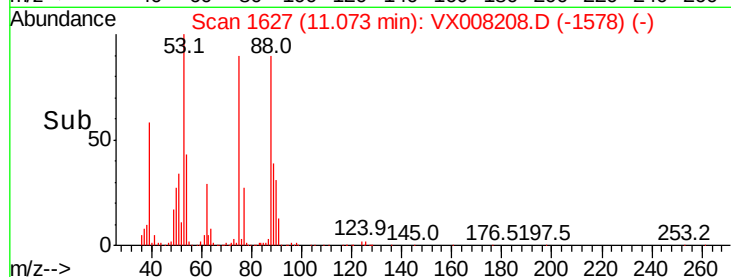
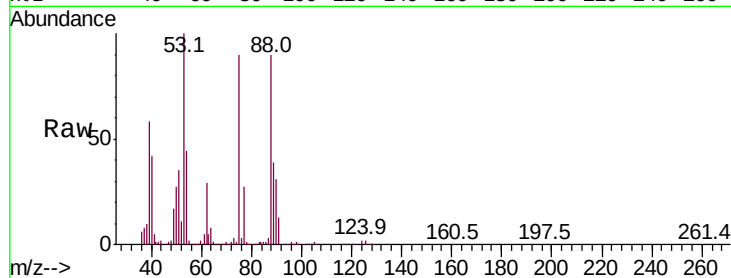
75 100

53 111.3 76.1 114.1

89 43.8 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.815 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008208.D

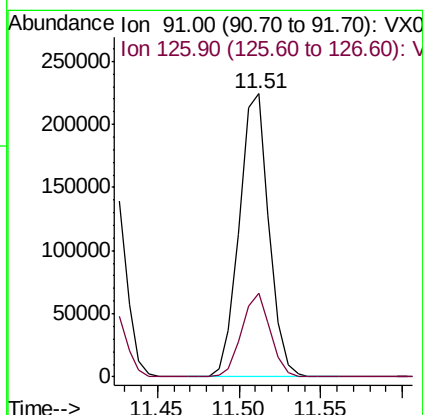
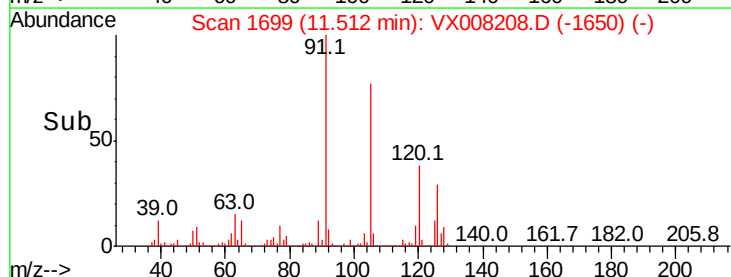
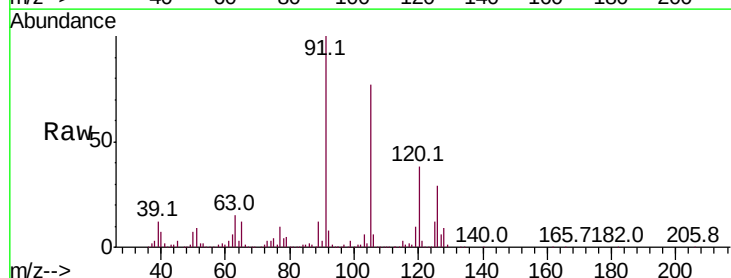
Acq: 19 Mar 2019 23:28

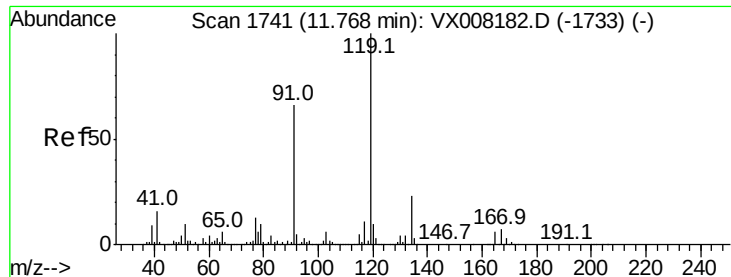
Tgt Ion: 91 Resp: 283738

Ion Ratio Lower Upper

91 100

126 28.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.938 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion:119 Resp: 277590

Ion Ratio Lower Upper

119 100

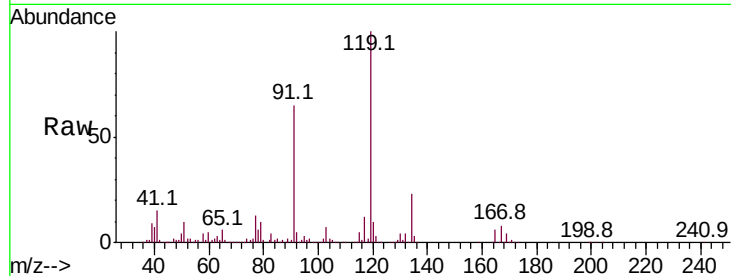
91 62.4 27.1 81.3

134 22.5 11.4 34.1

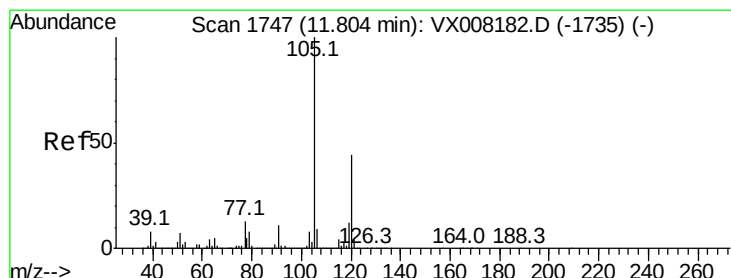
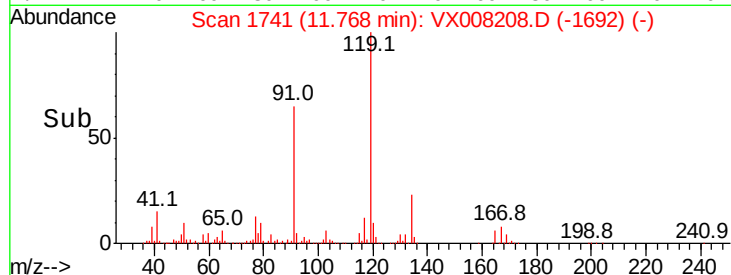
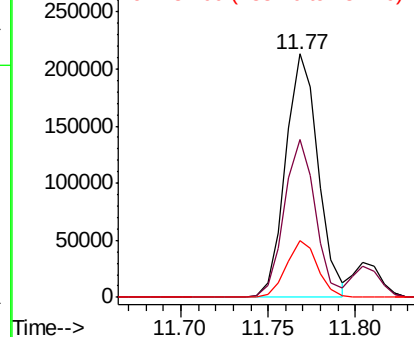
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.577 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008208.D

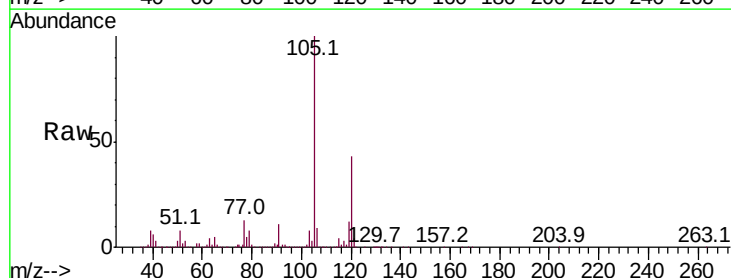
Acq: 19 Mar 2019 23:28

Tgt Ion:105 Resp: 304209

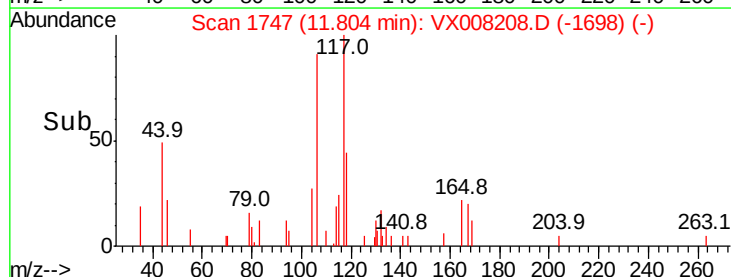
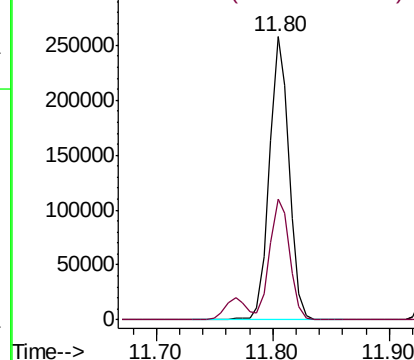
Ion Ratio Lower Upper

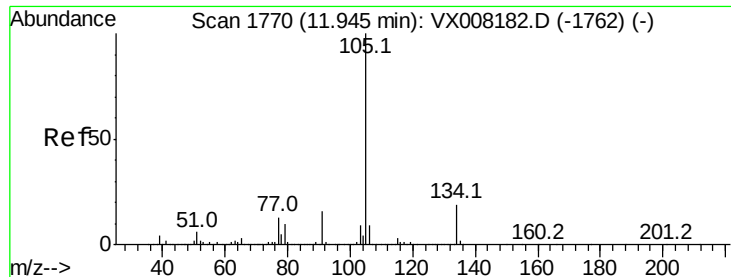
105 100

120 43.2 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.192 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion:105 Resp: 348149

Ion Ratio Lower Upper

105 100

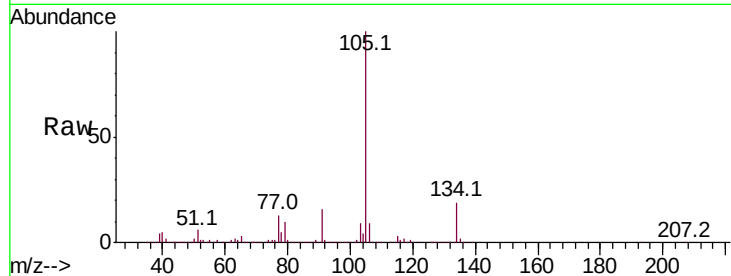
134 19.1 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

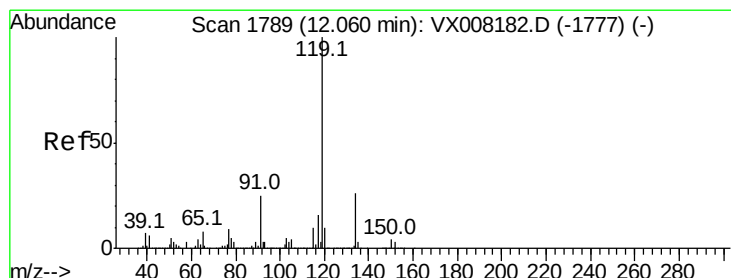
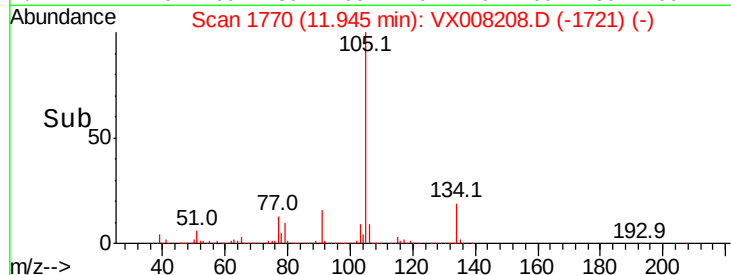
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.999 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

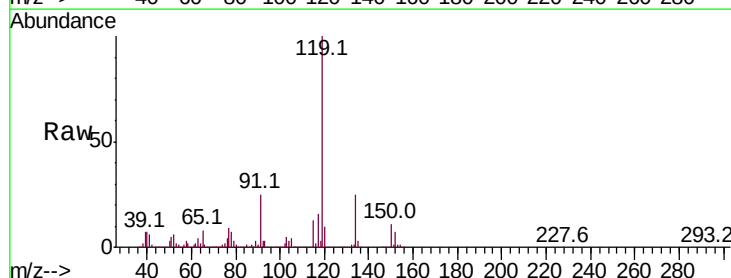
Tgt Ion:119 Resp: 298480

Ion Ratio Lower Upper

119 100

134 25.9 13.3 39.9

91 25.1 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

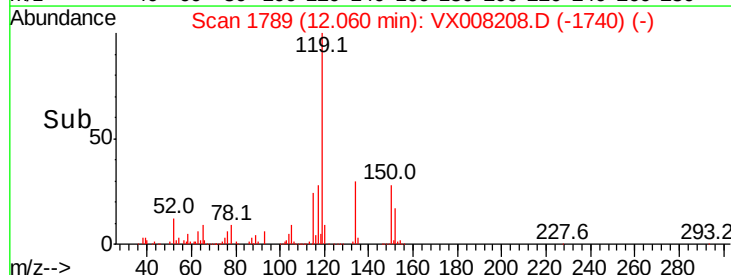
300000

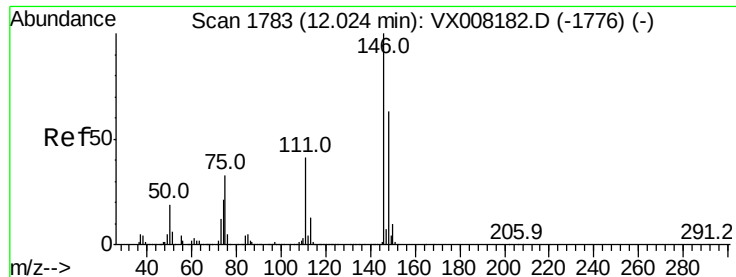
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.814 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

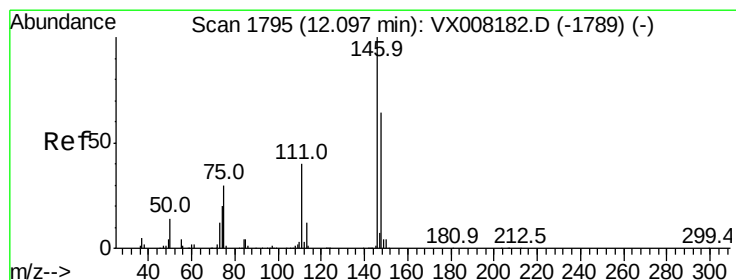
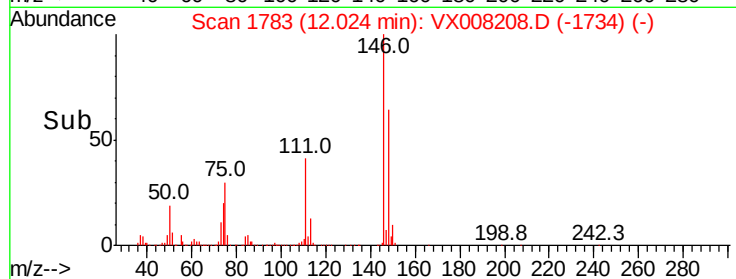
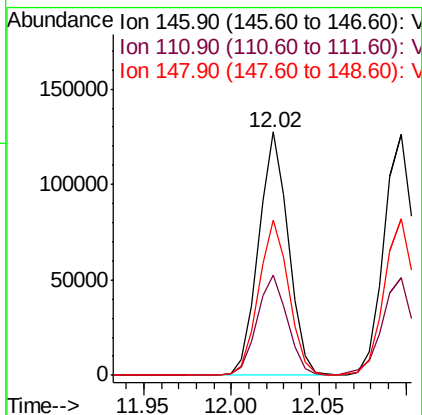
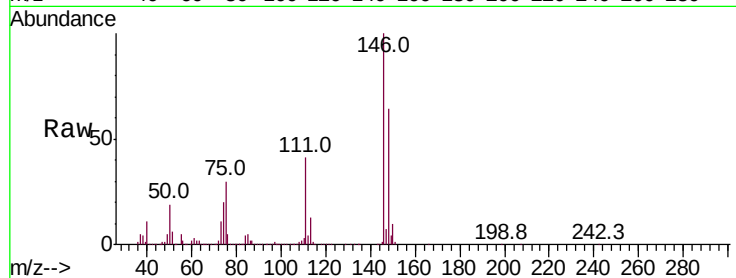
ClientSampleId :

VX0319WBS02

Tot Ion:	146	Resp:	151128
Ion Ratio	Lower	Upper	
146	100		
111	41.8	18.9	56.7
148	64.3	31.7	95.1

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.212 ug/l

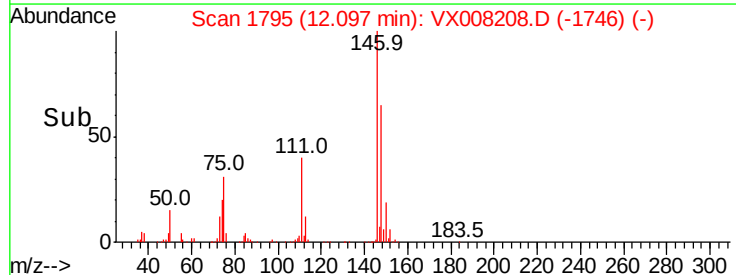
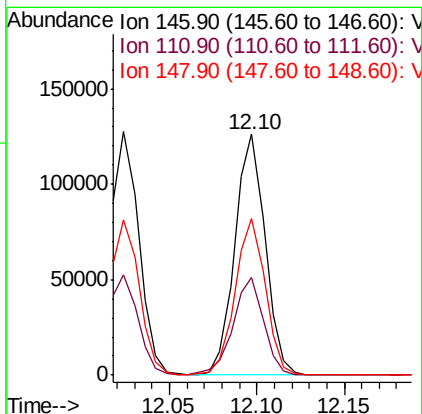
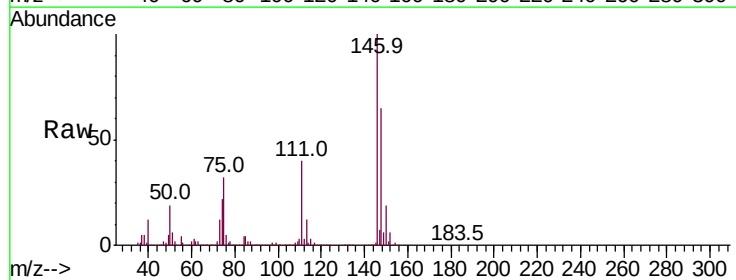
RT: 12.10 min Scan# 1795

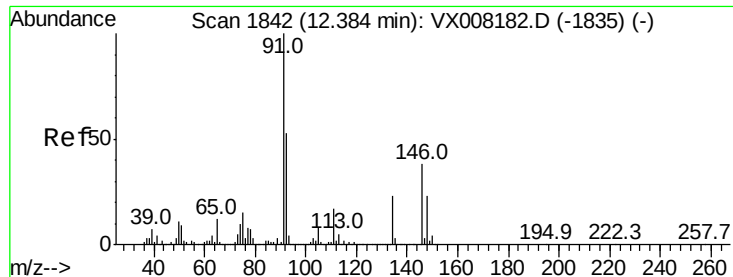
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion:	146	Resp:	151573
Ion Ratio	Lower	Upper	
146	100		
111	41.1	18.4	55.0
148	65.1	32.2	96.6





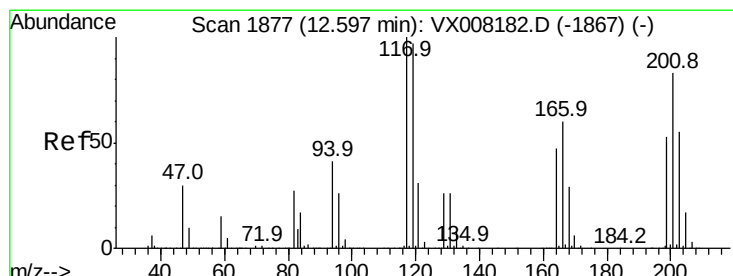
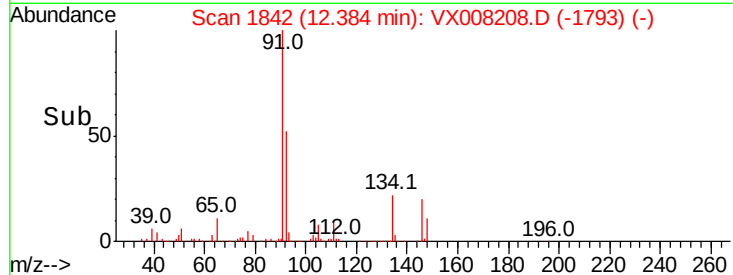
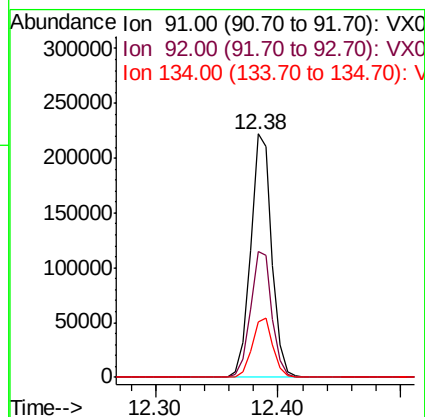
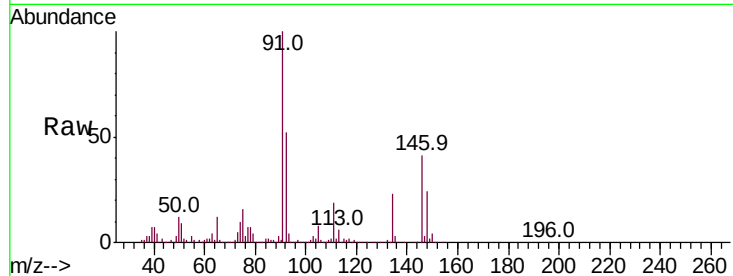
#89
n-Butylbenzene
Concen: 18.939 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	27.0	80.8
134	24.4	13.7	41.0

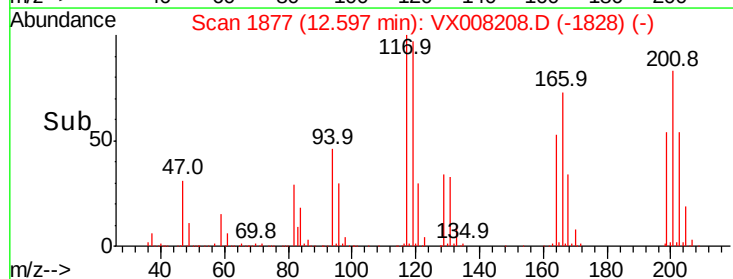
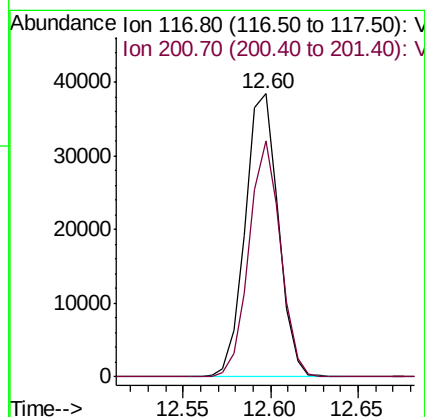
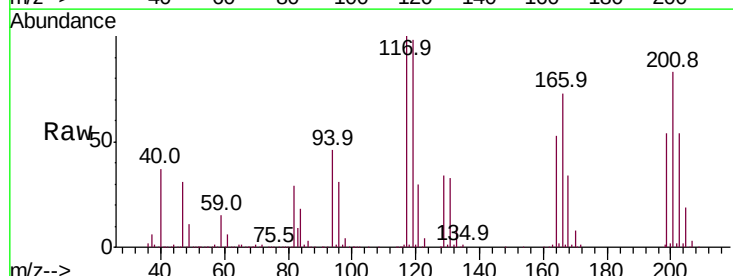
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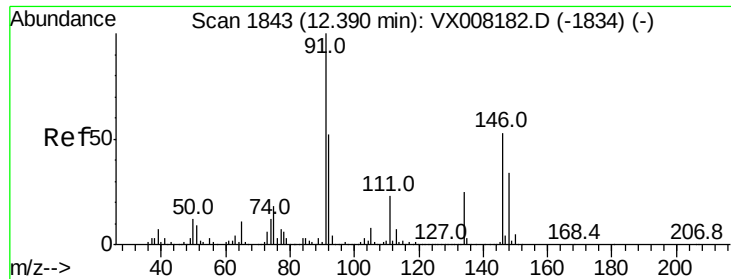
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#90
Hexachloroethane
Concen: 20.001 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	48.9	146.7





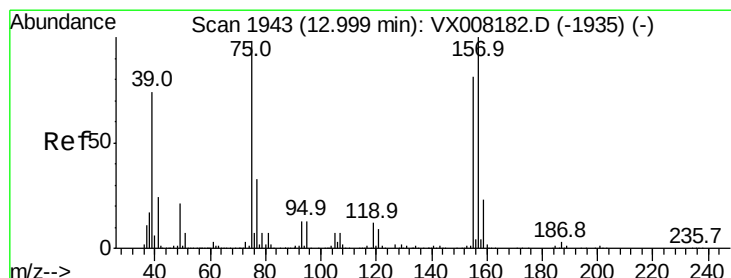
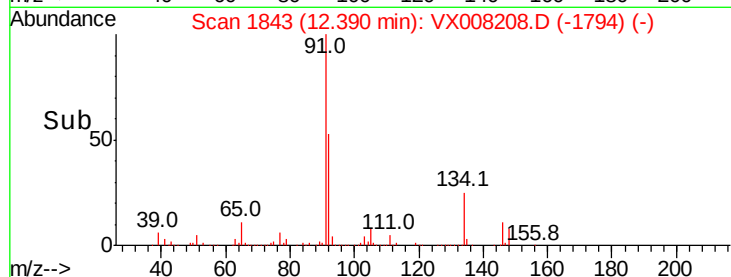
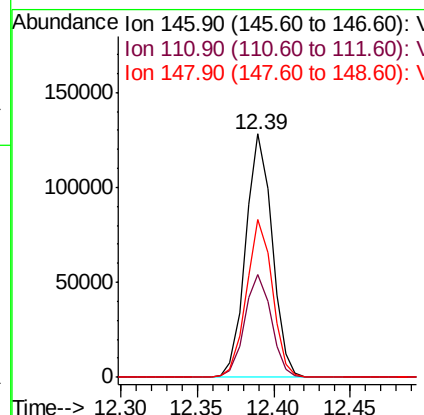
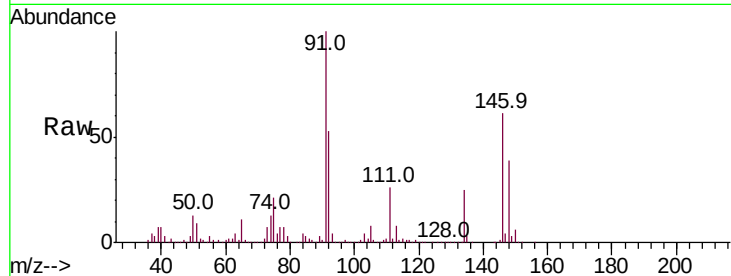
#91
 1,2-Dichlorobenzene
 Concen: 19.994 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.6	58.8
148	63.7	31.9	95.5

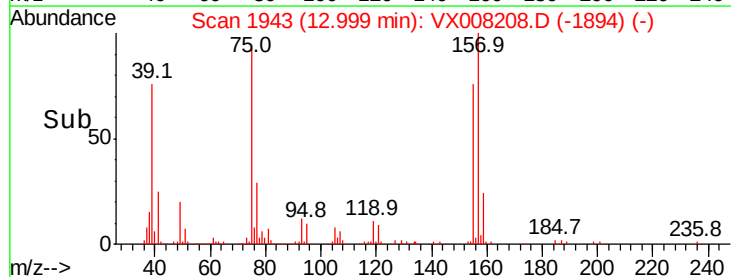
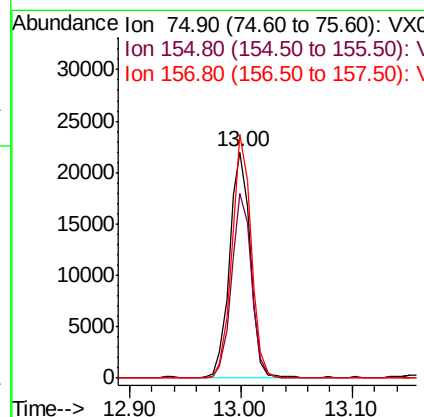
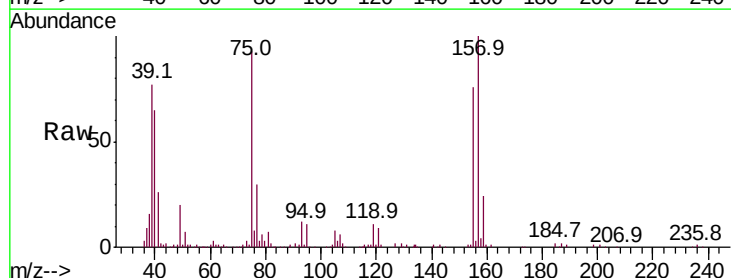
Manual Integrations
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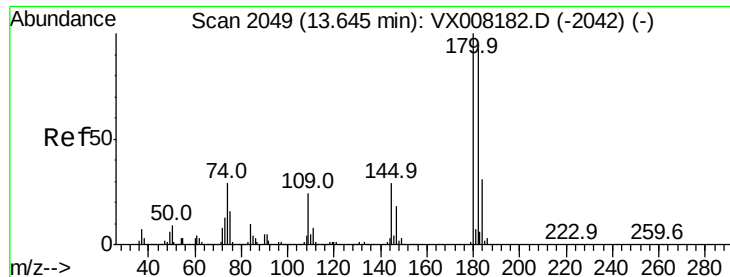
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 3/20/2019 10:27:33 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.137 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	49.7	149.1
157	99.7	63.8	191.4





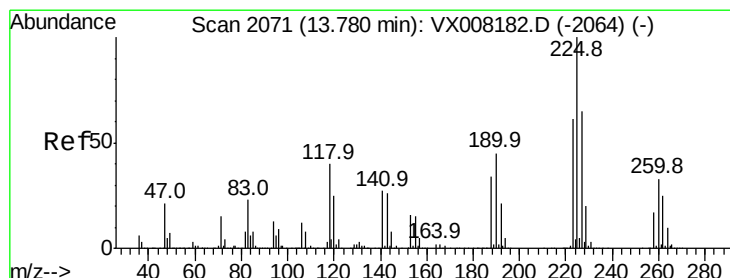
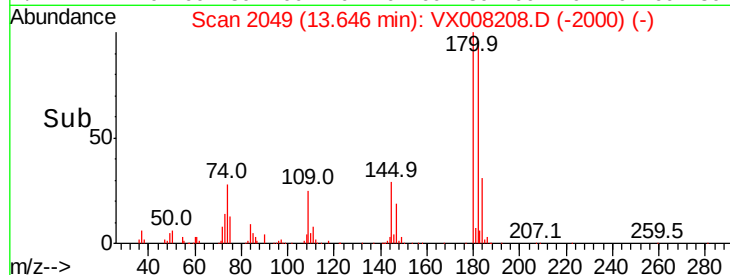
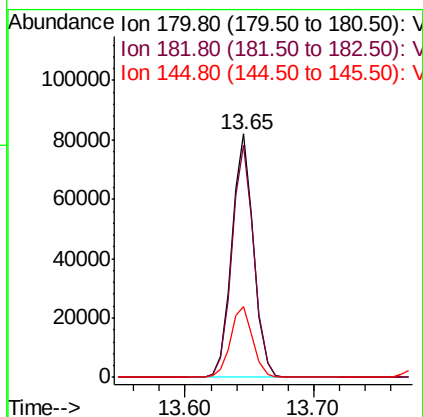
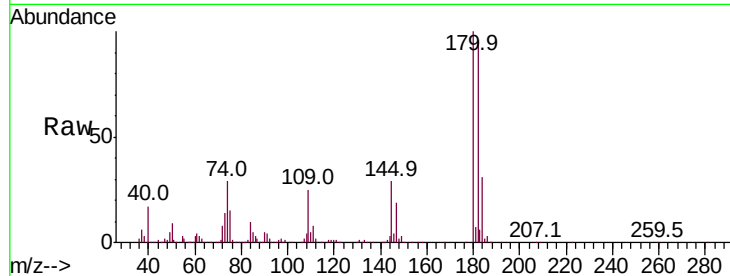
#93
 1,2,4-Trichlorobenzene
 Concen: 19.067 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.5	47.9	143.7	
145	29.8	14.1	42.4	

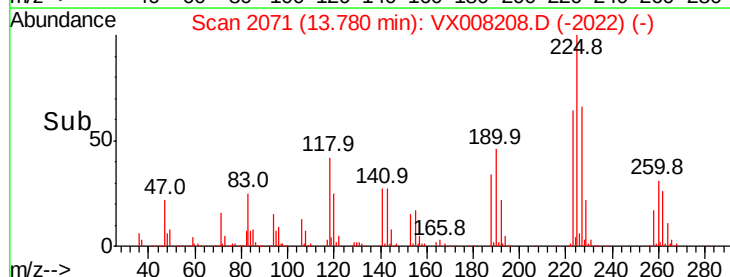
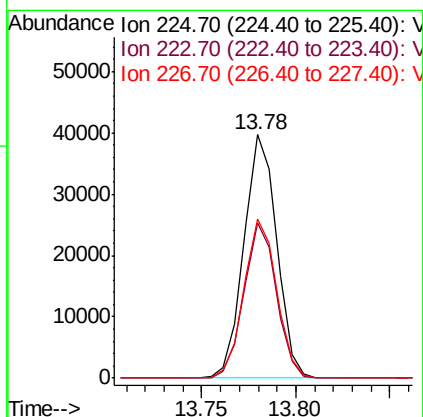
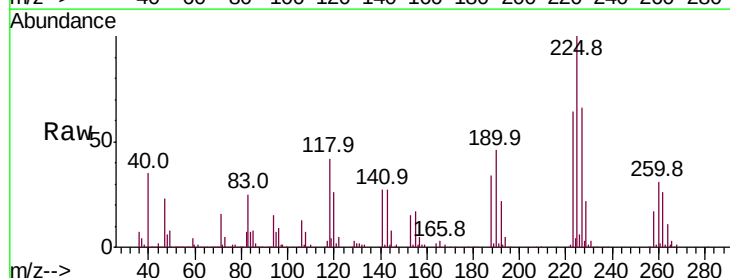
Manual Integrations
 APPROVED

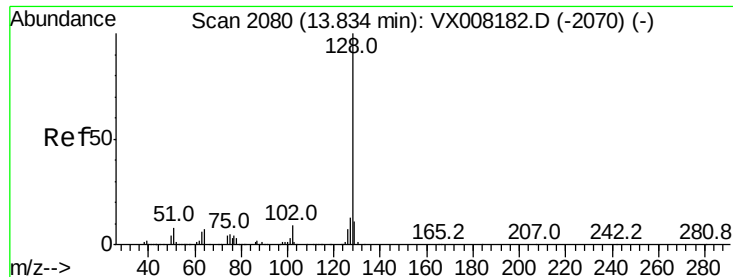
MMDadoda
 3/20/2019 10:27:33 AM



#94
 Hexachlorobutadiene
 Concen: 19.419 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	31.1	93.2	
227	65.5	32.0	96.0	





#95

Naphthalene

Concen: 20.144 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

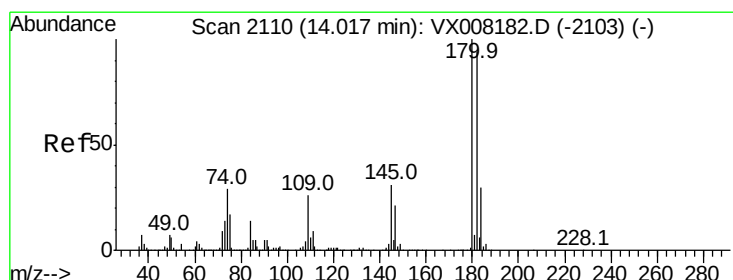
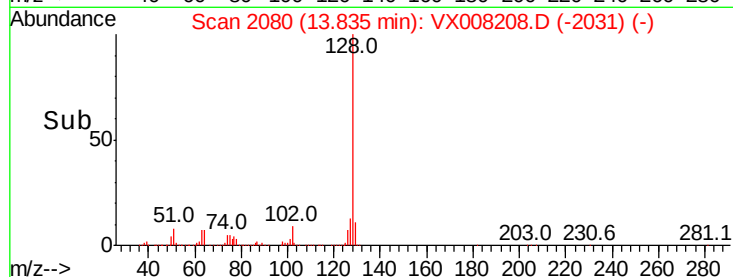
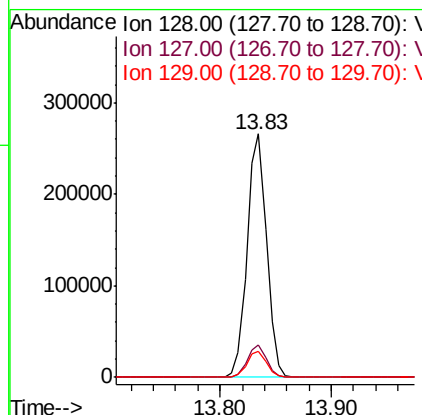
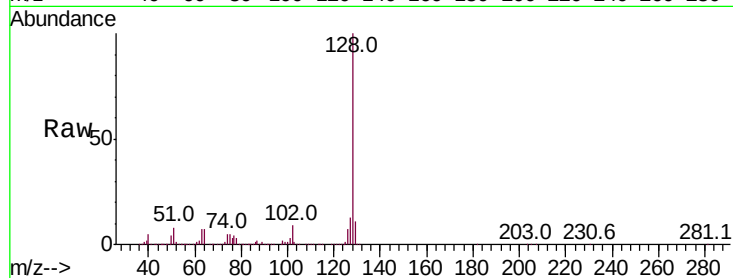
ClientSampleId :

VX0319WBS02

Tot Ion:	128	Resp:	322058
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/20/2019 10:27:33 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.896 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion:	180	Resp:	99172
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.5	142.5
145	32.0	14.8	44.3

