

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008226.D
 Acq On : 20 Mar 2019 06:56
 Operator : JC/SP
 Sample : K1882-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20190312MS

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:27:43 AM

Quant Time: Mar 20 09:17:54 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	268240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	455444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	403741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	203838	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	5.50	113	152103	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.71	98	555082	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.13	95	194565	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	165702	50.952	ug/l	98
3) Chloromethane	1.33	50	199463	48.879	ug/l	99
4) Vinyl Chloride	1.41	62	204468	50.254	ug/l	100
5) Bromomethane	1.64	94	171401	49.454	ug/l	100
6) Chloroethane	1.72	64	127831	50.109	ug/l	97
7) Trichlorofluoromethane	1.93	101	245506	47.281	ug/l	96
8) Diethyl Ether	2.19	74	150609	56.376	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	160242	46.481	ug/l	91
10) Methyl Iodide	2.51	142	247820	56.456	ug/l	97
11) Tert butyl alcohol	3.06	59	236551	273.518	ug/l	99
12) 1,1-Dichloroethene	2.37	96	171957	52.833	ug/l	90
13) Acrolein	2.29	56	132130	215.537	ug/l	99
14) Allyl chloride	2.73	41	367527	51.874	ug/l	93
15) Acrylonitrile	3.15	53	637284	278.590	ug/l	99
16) Acetone	2.45	43	559371	244.128	ug/l	97
17) Carbon Disulfide	2.57	76	520387	48.997	ug/l	100
18) Methyl Acetate	2.78	43	250297	47.185	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	652047	55.408	ug/l	97
20) Methylene Chloride	2.86	84	202651	53.039	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	183261	52.121	ug/l	92
22) Diisopropyl ether	3.86	45	763909	55.052	ug/l	93
23) Vinyl Acetate	3.82	43	2623107	220.490	ug/l	98
24) 1,1-Dichloroethane	3.70	63	384448	53.868	ug/l	99
25) 2-Butanone	4.68	43	918032	271.424	ug/l	97
26) 2,2-Dichloropropane	4.59	77	190930	35.513	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	215276	53.708	ug/l	94
28) Bromochloromethane	5.02	49	160058	49.945	ug/l #	82
29) Tetrahydrofuran	5.13	42	607867	287.493	ug/l	97
30) Chloroform	5.21	83	363617	54.467	ug/l	99
31) Cyclohexane	5.58	56	309285	46.150	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	295982	53.298	ug/l	97
36) 1,1-Dichloropropene	5.80	75	260646	49.155	ug/l	97
37) Ethyl Acetate	4.84	43	287791	45.913	ug/l	98
38) Carbon Tetrachloride	5.79	117	237784	50.329	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	269160	42.181	ug/l	95
40) Benzene	6.15	78	830804	52.936	ug/l	99
41) Methacrylonitrile	5.04	41	196427	55.866	ug/l	97
42) 1,2-Dichloroethane	6.20	62	306632	53.333	ug/l	96
43) Isopropyl Acetate	6.45	43	493342	49.102	ug/l	97
44) Trichloroethene	7.21	130	196946	51.322	ug/l	89
45) 1,2-Dichloropropane	7.51	63	232885	53.007	ug/l	99
46) Dibromomethane	7.66	93	141679	53.261	ug/l	87
47) Bromodichloromethane	7.90	83	276132	54.468	ug/l	98
48) Methyl methacrylate	7.77	41	296081	55.423	ug/l	93
49) 1,4-Dioxane	7.74	88	101356	1075.136	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1813083	279.132	ug/l	98
52) Toluene	8.79	92	483118	51.887	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	293313	46.307	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	316582	50.318	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	208479	55.418	ug/l	98
56) Ethyl methacrylate	9.18	69	343015	51.962	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	363617	54.639	ug/l	100
59) 2-Hexanone	9.49	43	1374894	274.941	ug/l	96
60) Dibromochloromethane	9.58	129	204904	56.676	ug/l	99
61) 1,2-Dibromoethane	9.67	107	215127	54.767	ug/l	99
64) Tetrachloroethene	9.34	164	180282	49.494	ug/l	97
65) Chlorobenzene	10.14	112	505170	50.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	188697	54.478	ug/l	99
67) Ethyl Benzene	10.25	91	878119	50.160	ug/l	97
68) m/p-Xylenes	10.36	106	640394	99.582	ug/l	93
69) o-Xylene	10.70	106	320027	51.214	ug/l	93
70) Stvrene	10.71	104	533429	52.526	ug/l	96
71) Bromoform	10.85	173	148485	49.764	ug/l #	100
73) Isopropylbenzene	11.02	105	813518	49.347	ug/l	98
74) N-amyl acetate	10.90	43	375006	43.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	315217	53.324	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	272619m	52.407	ug/l	
77) Bromobenzene	11.26	156	209428	52.542	ug/l	86
78) n-propylbenzene	11.36	91	930957	48.621	ug/l	96
79) 2-Chlorotoluene	11.42	91	575029	50.036	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	675131	49.570	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	90290	44.413	ug/l	93
82) 4-Chlorotoluene	11.51	91	668959	50.022	ug/l	95
83) tert-Butylbenzene	11.77	119	634281	48.779	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	694683	50.312	ug/l	98
85) sec-Butylbenzene	11.94	105	764388	47.469	ug/l	97
86) p-Isopropyltoluene	12.06	119	669578	48.037	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	358752	50.363	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	357438	48.511	ug/l	98
89) n-Butylbenzene	12.38	91	595568	45.524	ug/l	97
90) Hexachloroethane	12.60	117	117977	49.698	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	365049	50.825	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	70082	53.377	ug/l	80
93) 1,2,4-Trichlorobenzene	13.65	180	234776	49.625	ug/l	99

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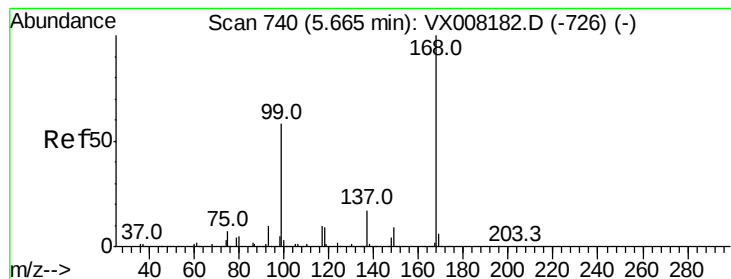
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	102808	44.557	ug/l	98
95) Naphthalene	13.83	128	820648	54.959	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	241446	51.866	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:168 Resp: 268240

Ion Ratio Lower Upper

168 100

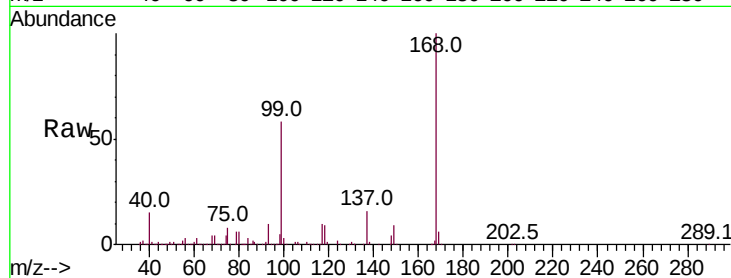
99 58.0 37.6 56.4#

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

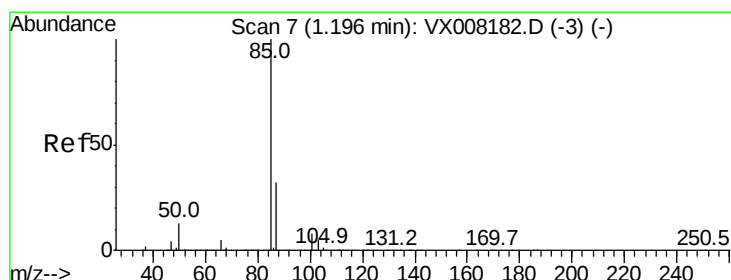
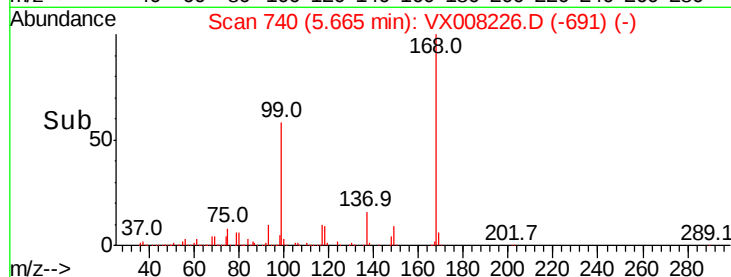
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 50.952 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008226.D

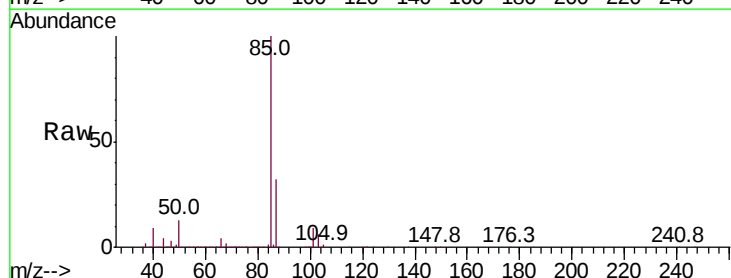
Acq: 20 Mar 2019 06:56

Tgt Ion: 85 Resp: 165702

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

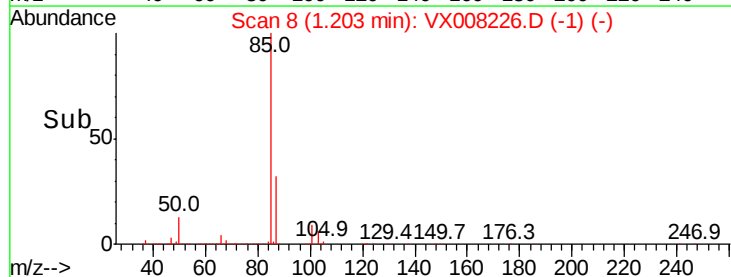
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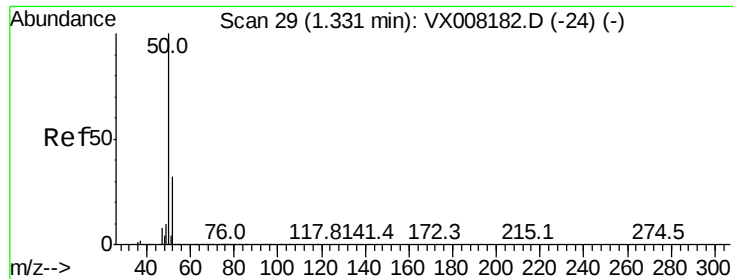
50000

0

1.15 1.20 1.25 1.30 1.35

Time-->





#3

Chloromethane

Concen: 48.879 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion: 50 Resp: 199463

Ion Ratio Lower Upper

50 100

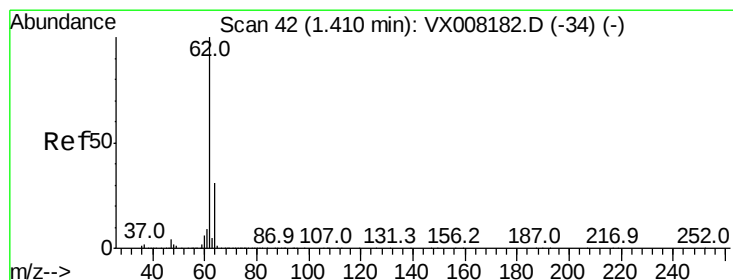
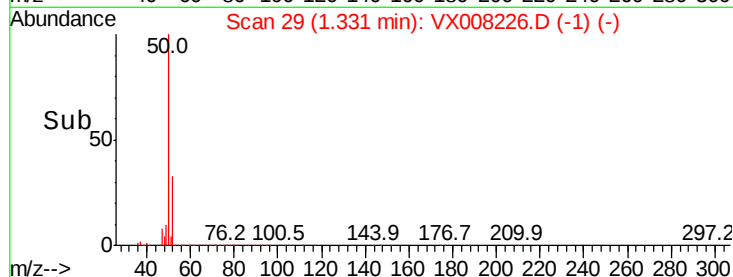
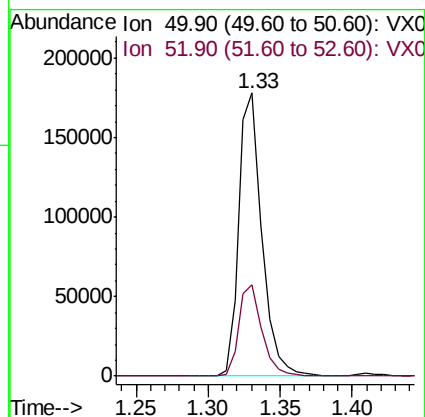
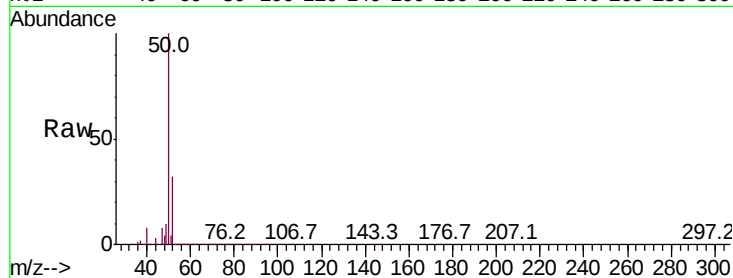
52 32.4 26.5 39.7

Manual Integrations

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3/20/2019 10:27:43 AM



#4

Vinyl Chloride

Concen: 50.254 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008226.D

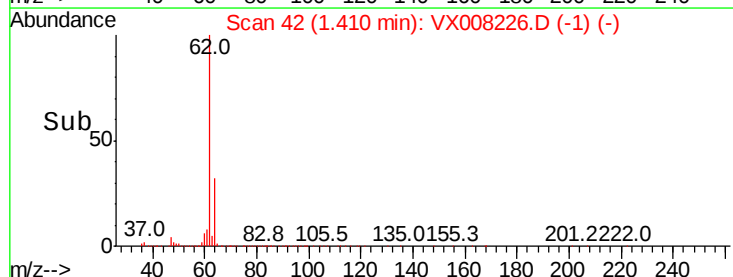
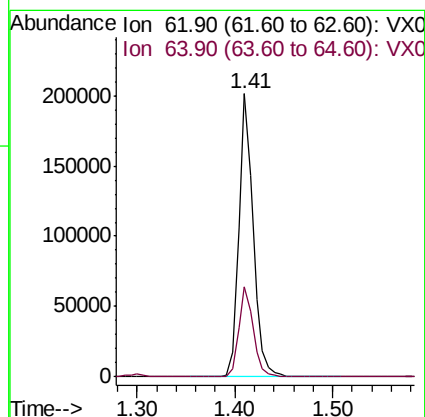
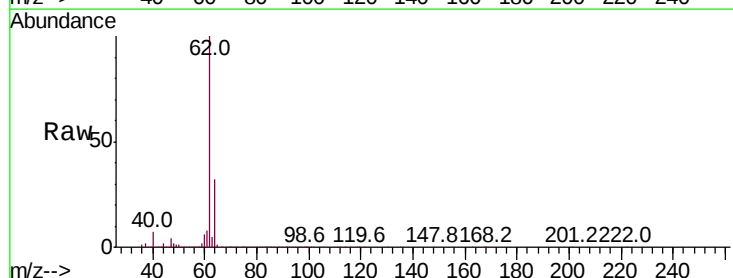
Acq: 20 Mar 2019 06:56

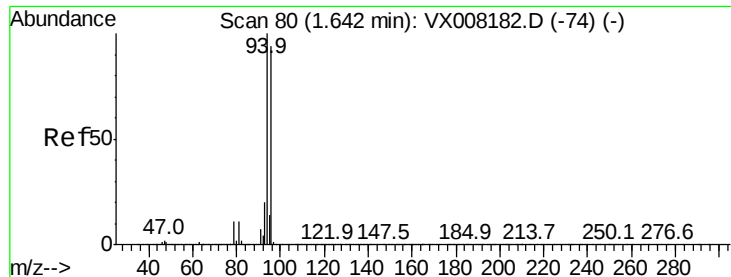
Tgt Ion: 62 Resp: 204468

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 49.454 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

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Tot Ion: 94 Resp: 171401

Ion Ratio Lower Upper

94 100

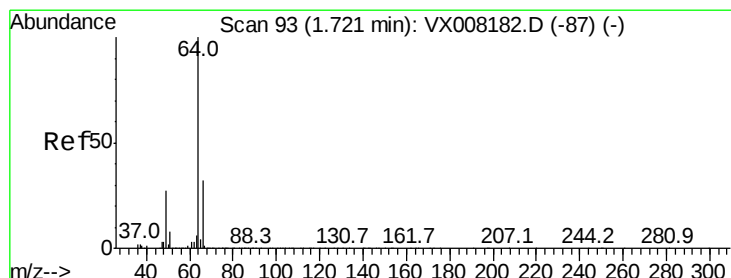
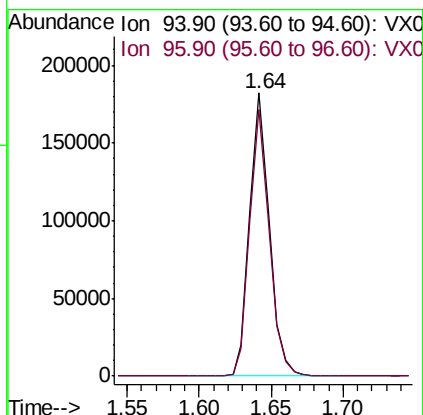
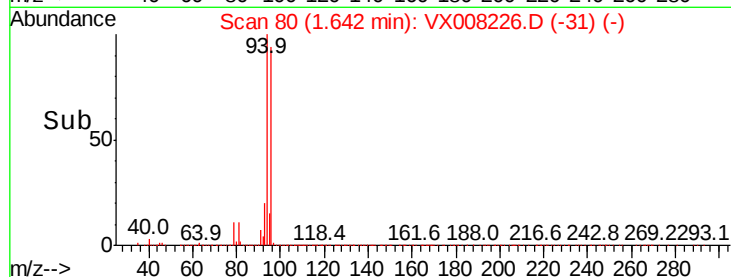
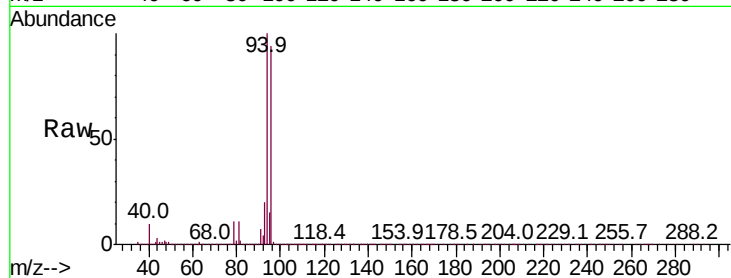
96 94.1 75.5 113.3

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#6

Chloroethane

Concen: 50.109 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008226.D

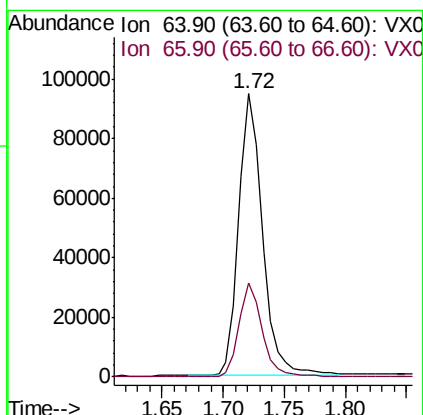
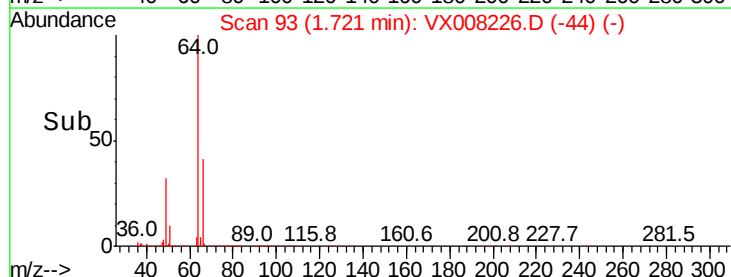
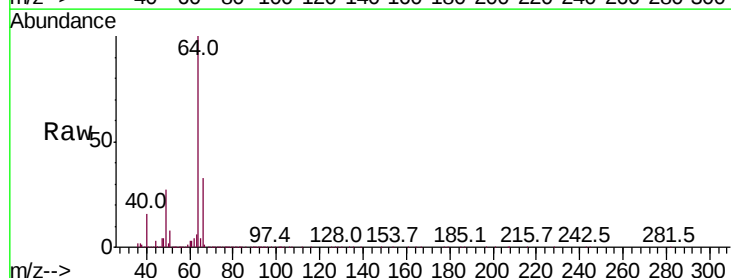
Acq: 20 Mar 2019 06:56

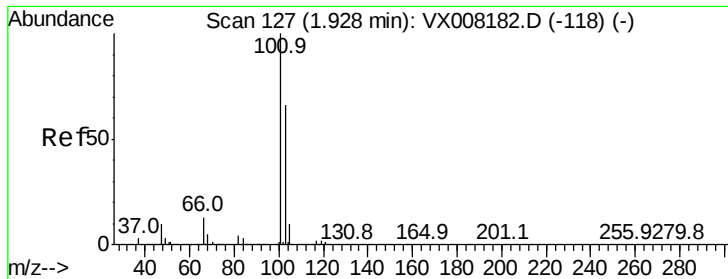
Tgt Ion: 64 Resp: 127831

Ion Ratio Lower Upper

64 100

66 33.2 25.2 37.8





#7

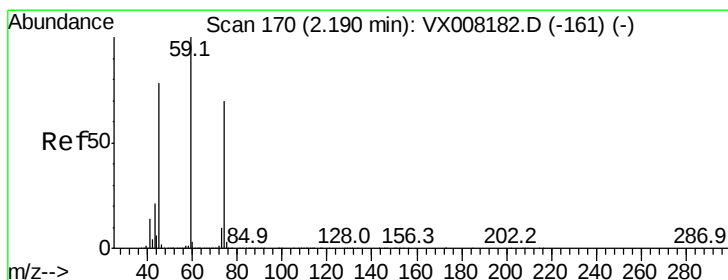
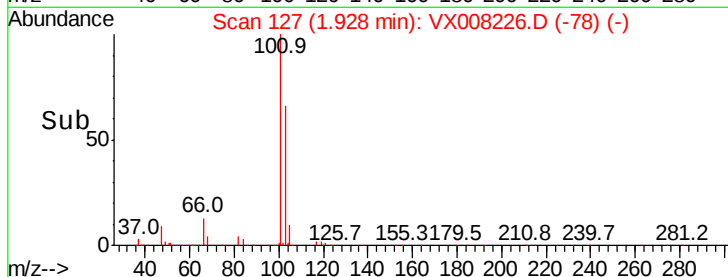
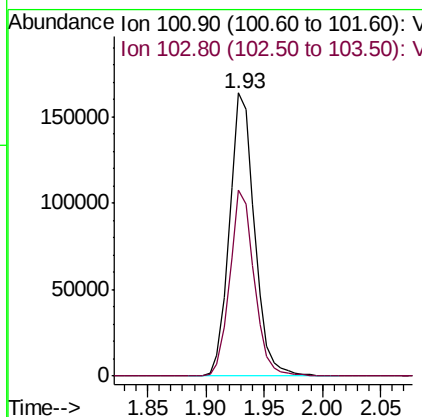
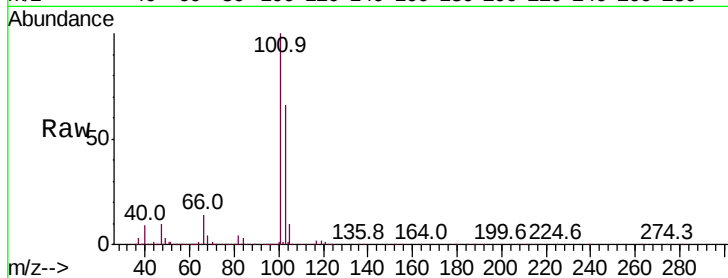
Trichlorofluoromethane
Concen: 47.281 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.4	75.6

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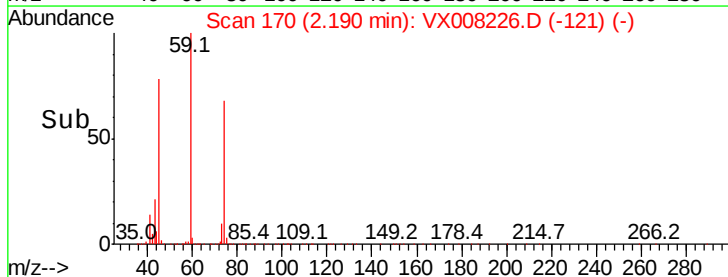
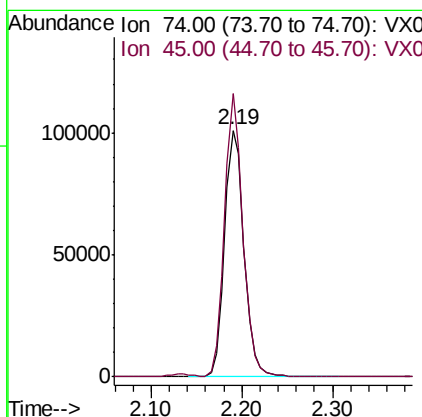
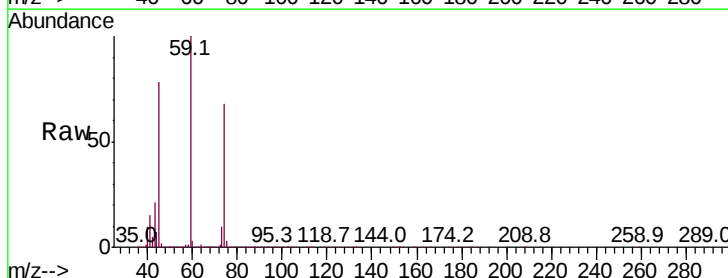
MMDadoda
3/20/2019 10:27:43 AM

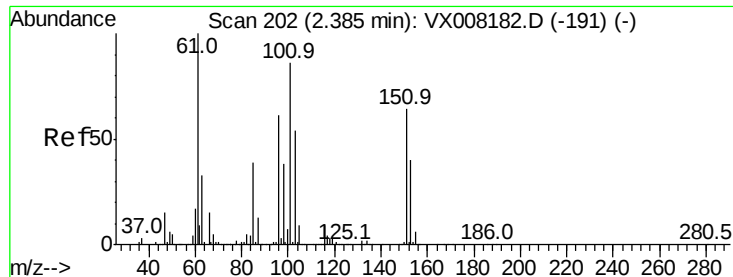


#8

Diethyl Ether
Concen: 56.376 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.0	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.481 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

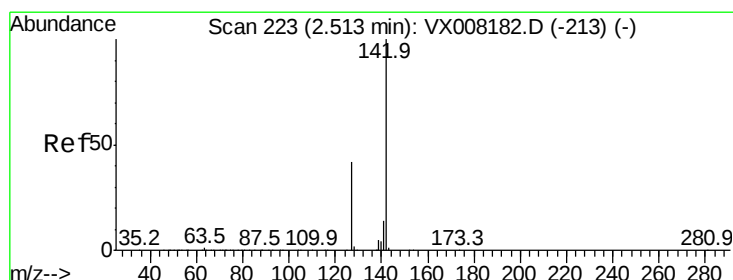
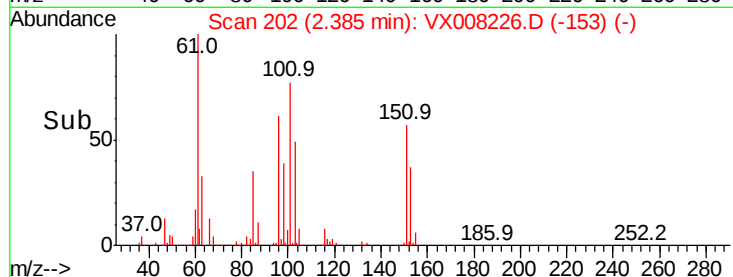
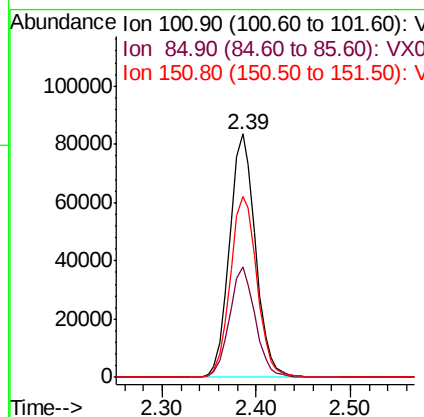
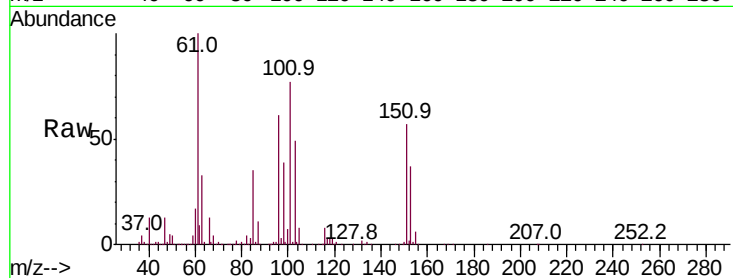
ClientSampleId :

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Tot Ion:	101	Resp:	160242
Ion Ratio	Lower	Upper	
101	100		
85	44.9	33.8	50.6
151	76.5	69.1	103.7

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#10

Methyl Iodide

Concen: 56.456 ug/l

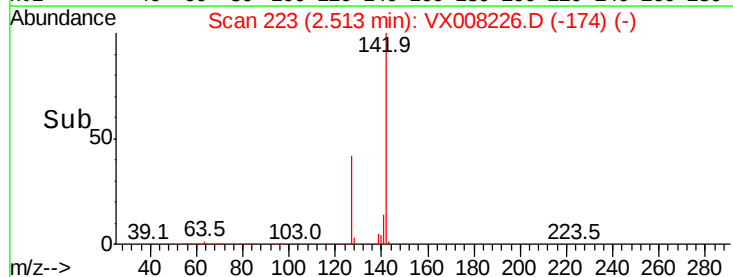
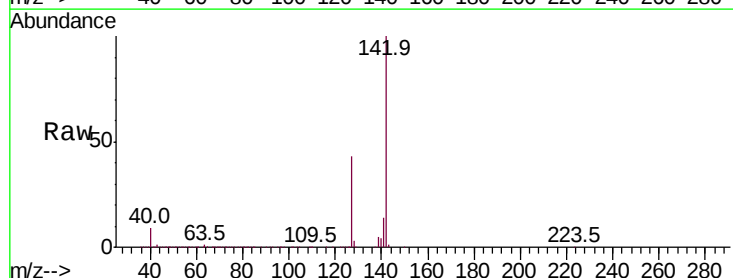
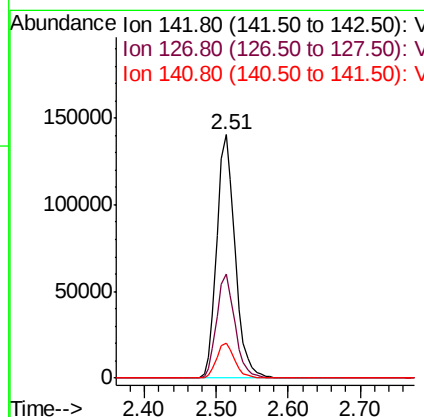
RT: 2.51 min Scan# 223

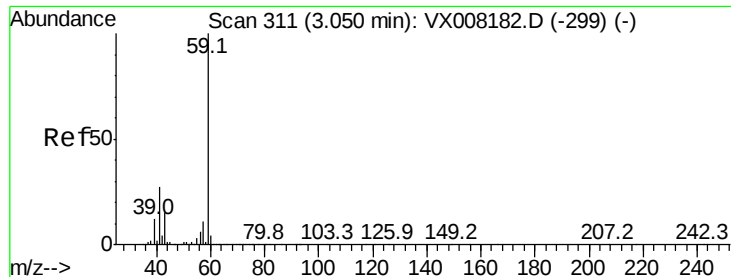
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	142	Resp:	247820
Ion Ratio	Lower	Upper	
142	100		
127	42.9	32.1	48.1
141	14.3	11.4	17.2





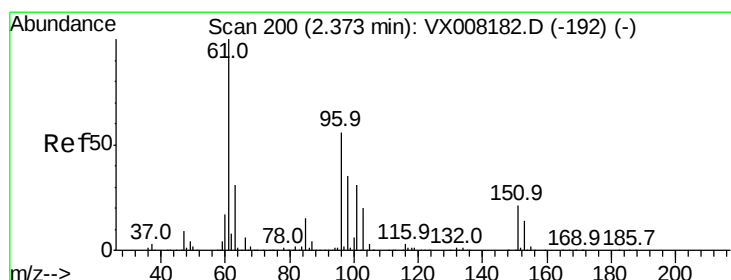
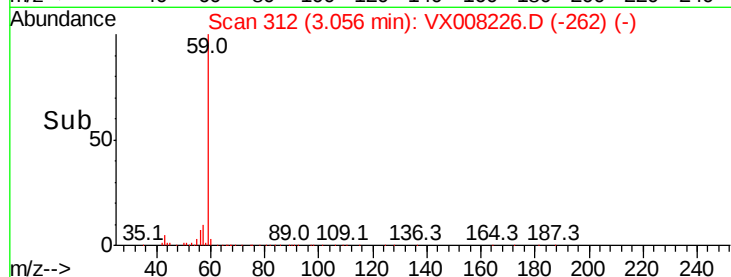
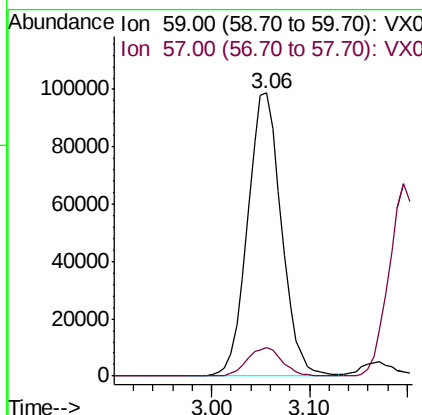
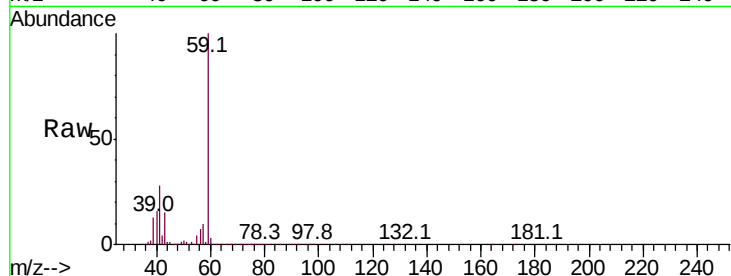
#11
Tert butyl alcohol
Concen: 273.518 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2

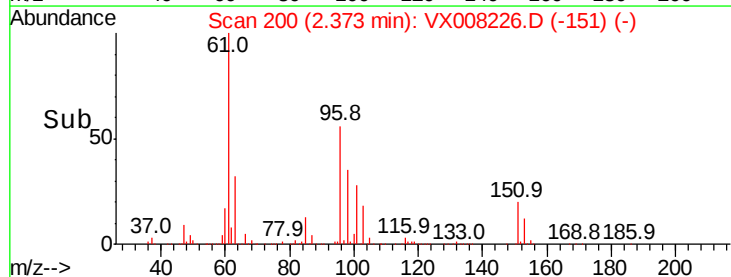
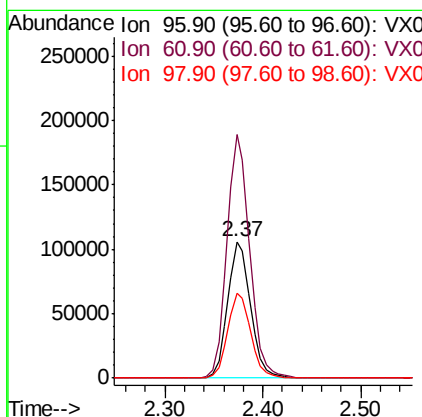
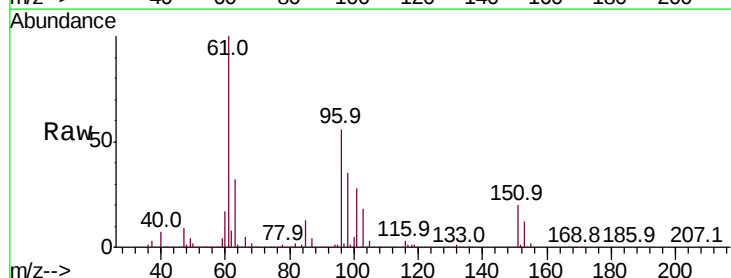
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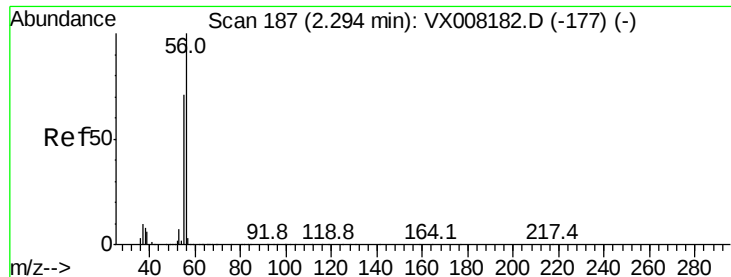
MMDadoda
3/20/2019 10:27:43 AM



#12
1,1-Dichloroethene
Concen: 52.833 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.9	129.8	194.6
98	62.2	51.0	76.6





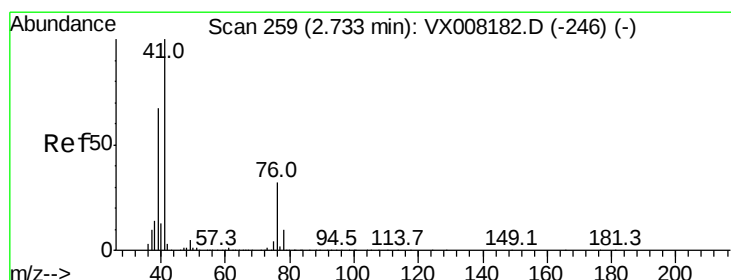
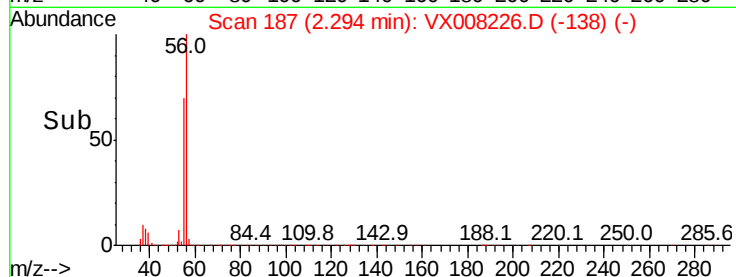
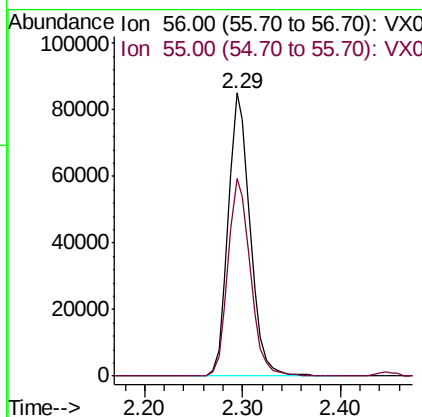
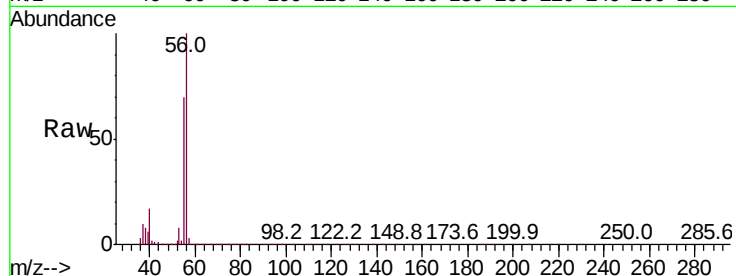
#13
Acrolein
Concen: 215.537 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	56	Resp	132130
Ion Ratio	100	Lower	Upper
55	71.3	57.8	86.6

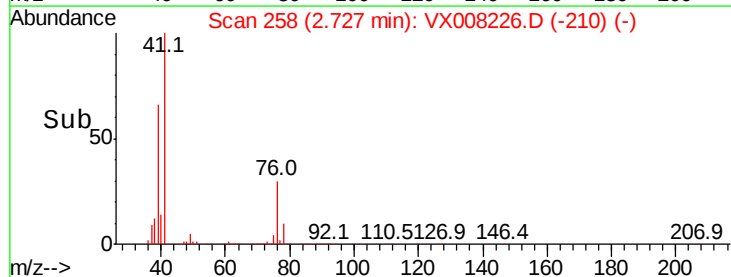
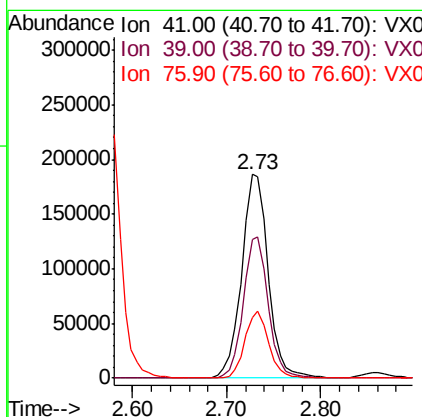
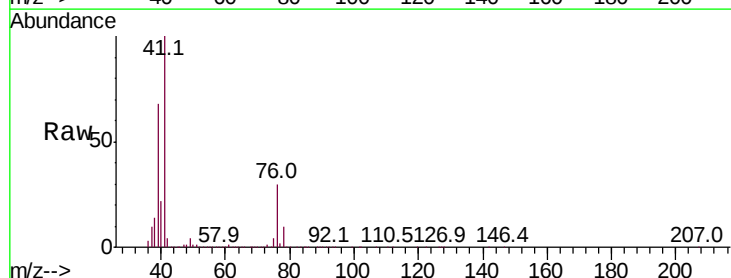
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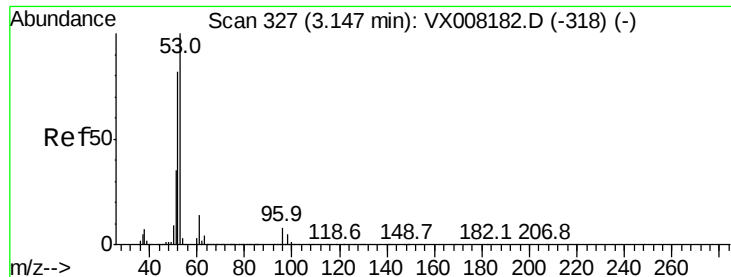
MMDadoda
3/20/2019 10:27:43 AM



#14
Allyl chloride
Concen: 51.874 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	41	Resp	367527
Ion Ratio	100	Lower	Upper
39	64.5	46.1	69.1
76	29.3	24.0	36.0





#15

Acrylonitrile

Concen: 278.590 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

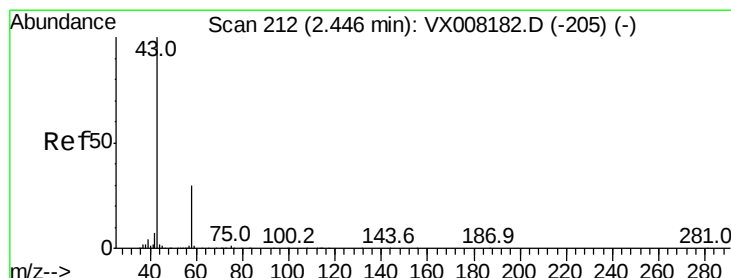
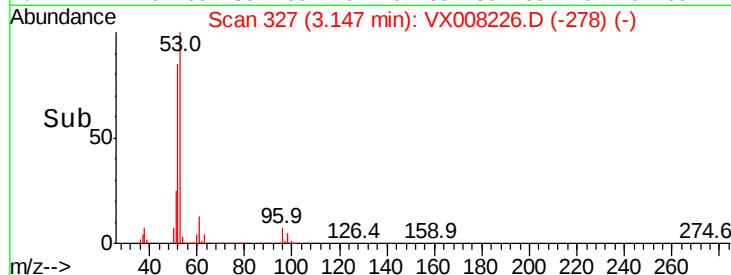
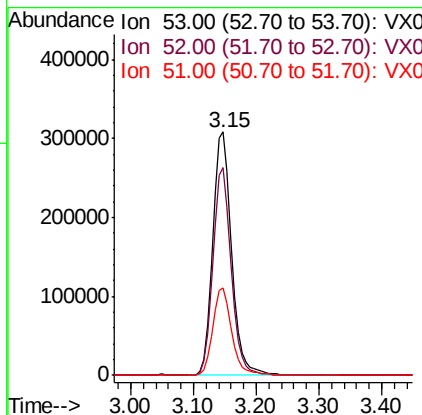
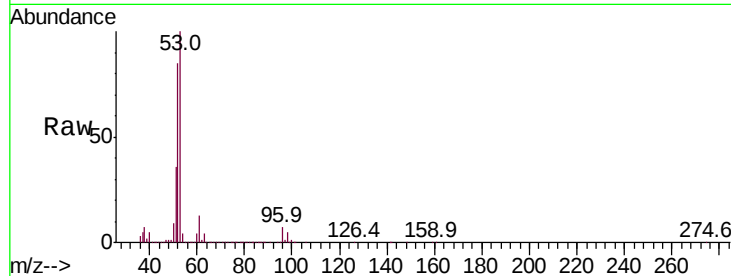
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	53	Resp:	637284
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.0	99.0
51	35.9	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 244.128 ug/l

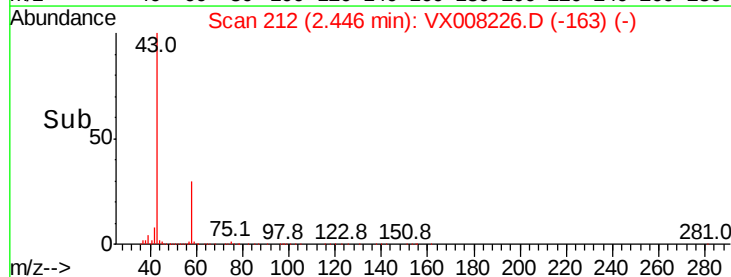
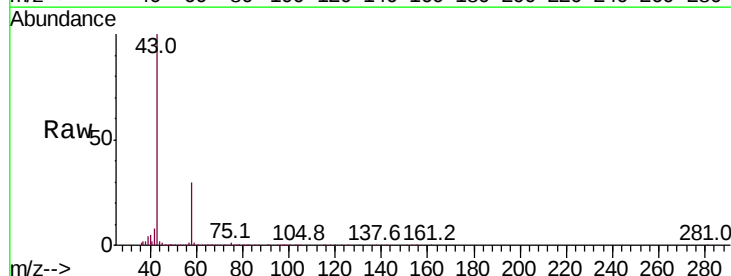
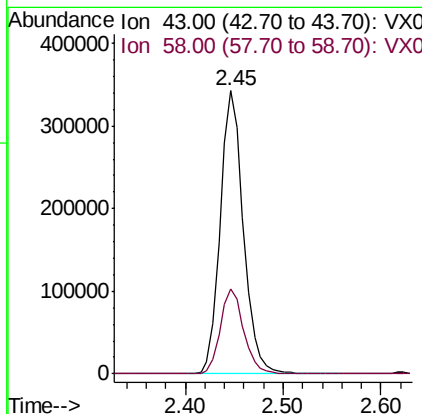
RT: 2.45 min Scan# 212

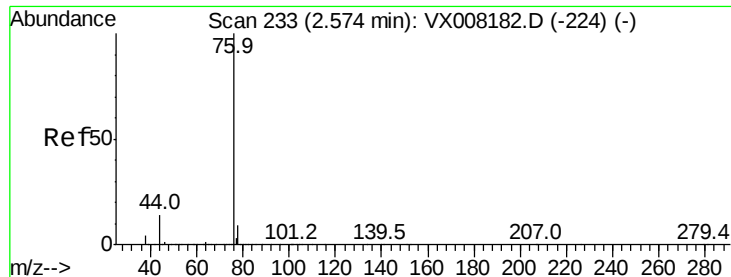
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	43	Resp:	559371
Ion Ratio		Lower	Upper
43	100		
58	30.0	25.5	38.3





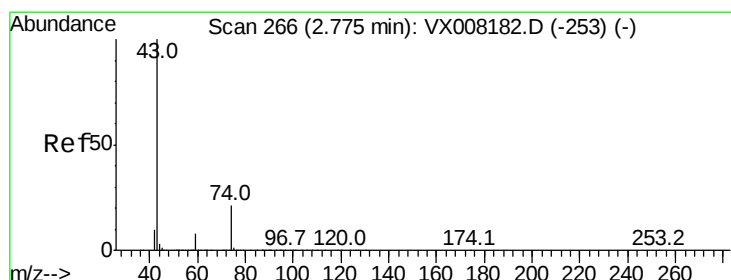
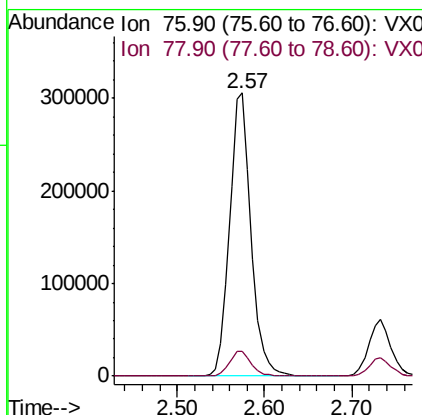
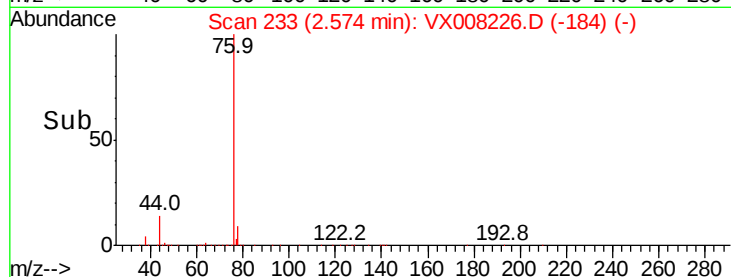
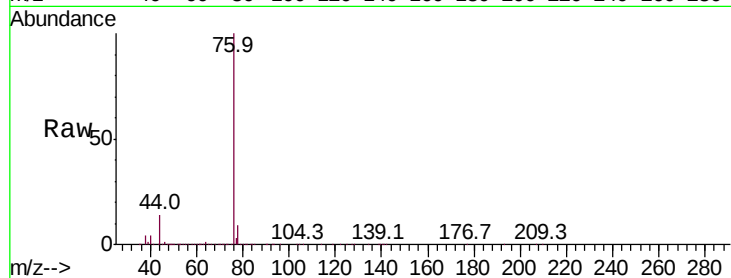
#17
Carbon Disulfide
Concen: 48.997 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

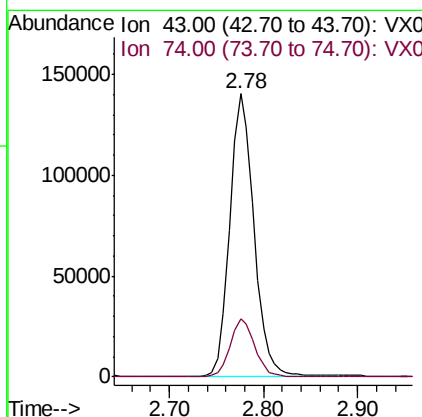
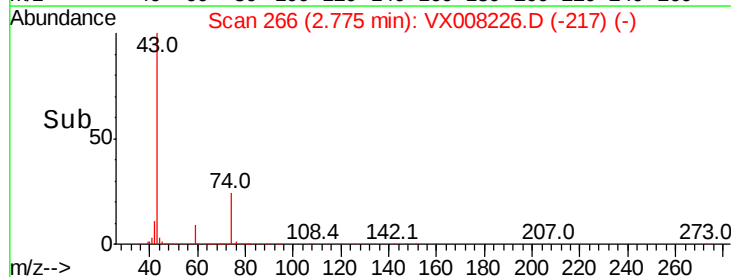
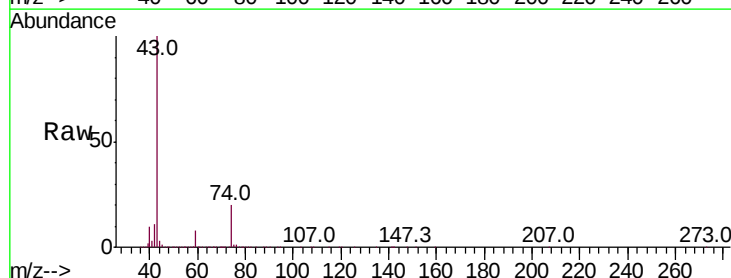
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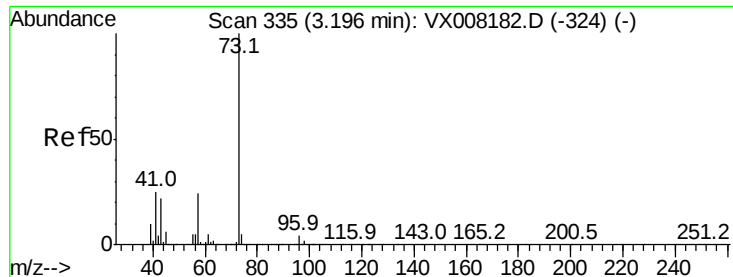
MMDadoda
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#18
Methyl Acetate
Concen: 47.185 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.8	26.6





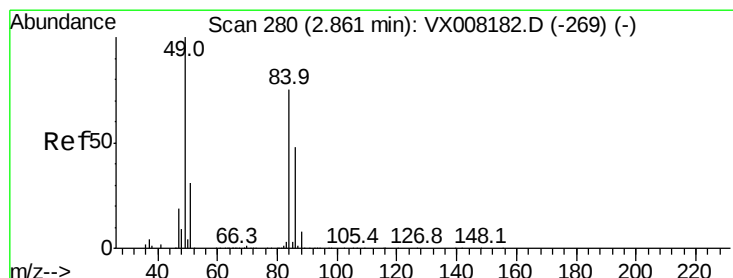
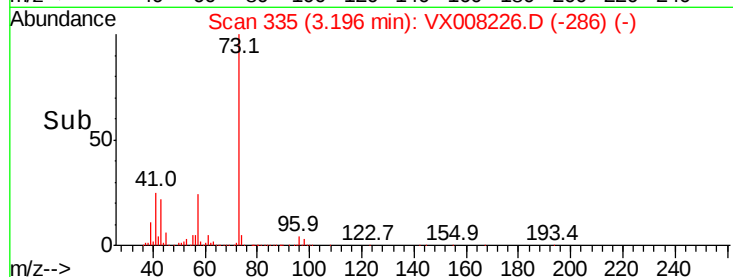
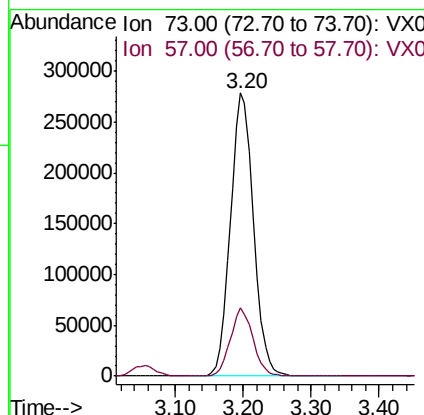
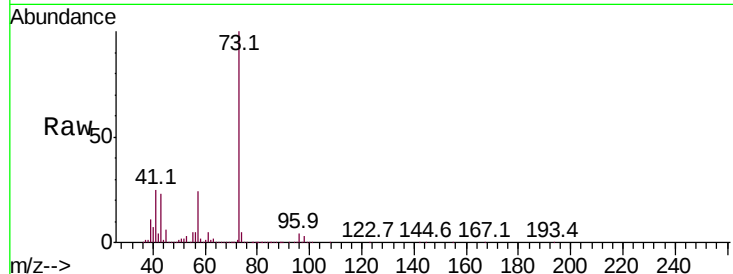
#19
Methvl tert-butvl Ether
Concen: 55.408 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion: 73 Resp: 652047
Ion Ratio Lower Upper
73 100
57 24.1 18.2 27.4

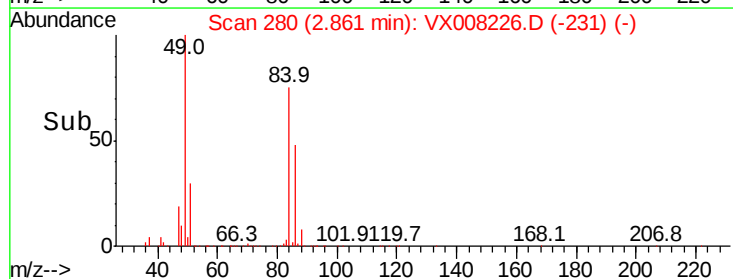
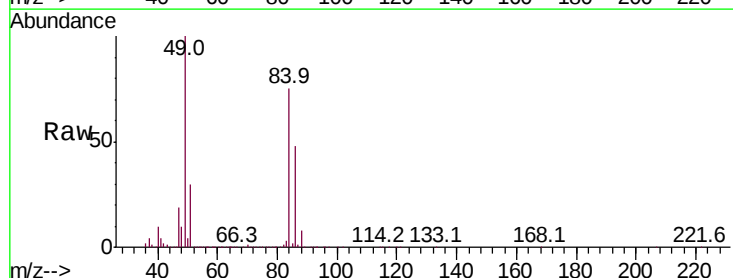
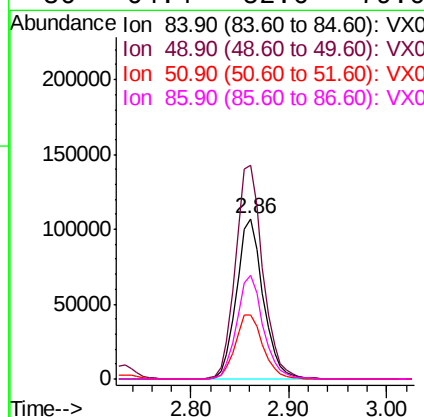
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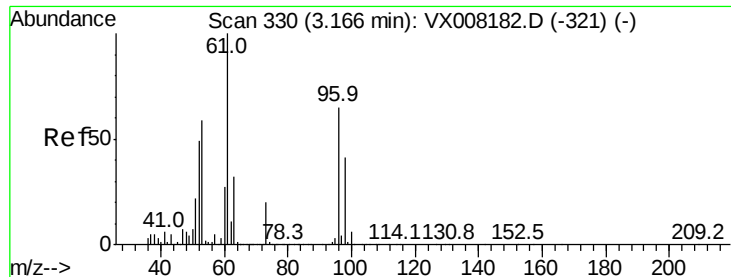
MMDadoda
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#20
Methylene Chloride
Concen: 53.039 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion: 84 Resp: 202651
Ion Ratio Lower Upper
84 100
49 133.0 99.3 148.9
51 39.6 31.3 46.9
86 64.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 52.121 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

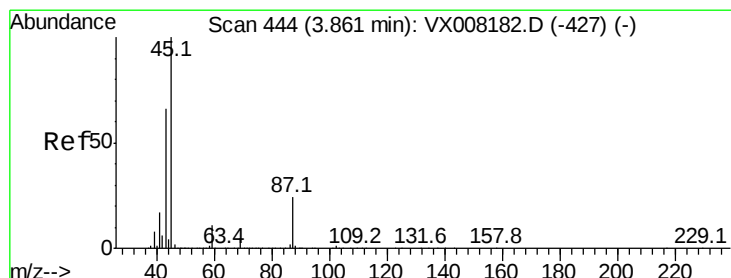
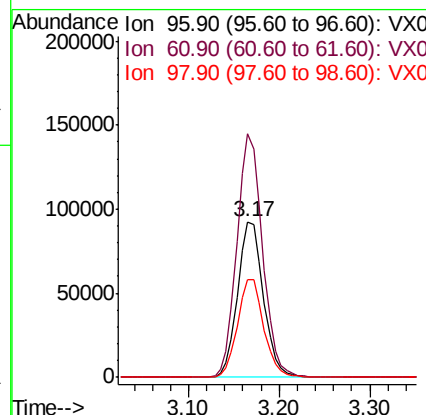
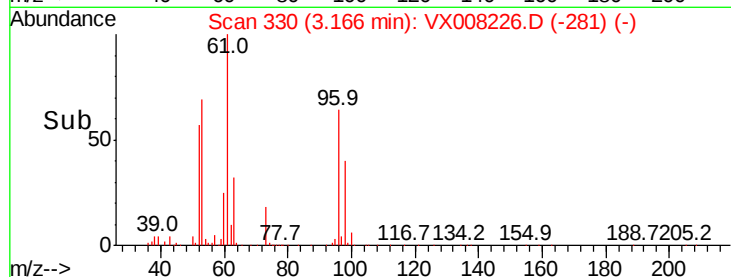
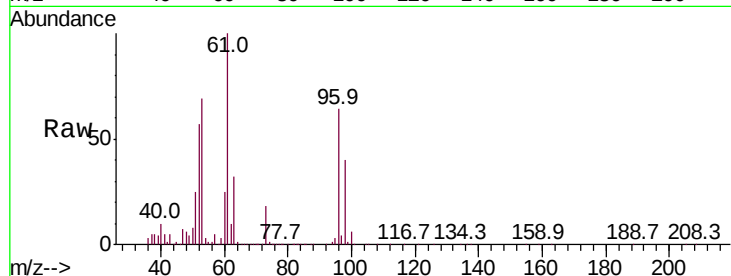
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	96	Resp:	183261
Ion	Ratio	Lower	Upper
96	100		
61	156.5	114.4	171.6
98	62.7	51.1	76.7

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#22

Diisopropyl ether

Concen: 55.052 ug/l

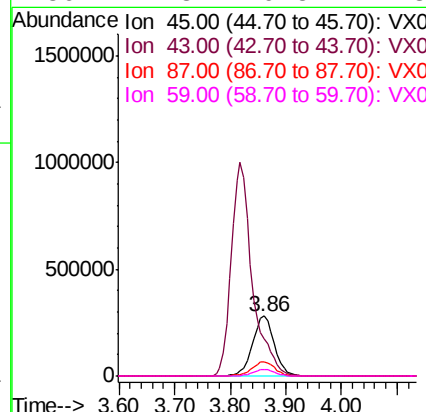
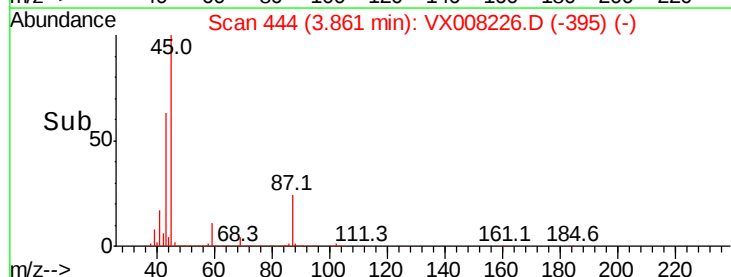
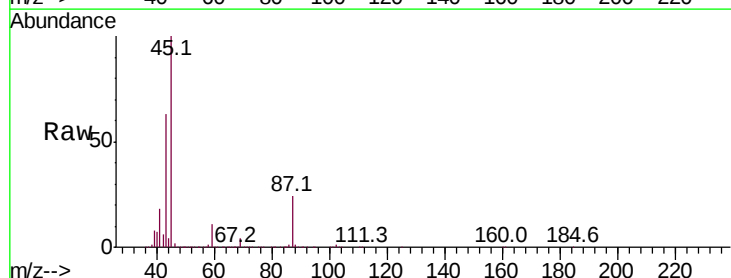
RT: 3.86 min Scan# 444

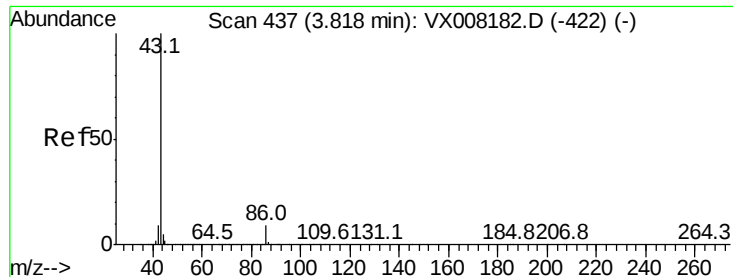
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	45	Resp:	763909
Ion	Ratio	Lower	Upper
45	100		
43	63.3	45.3	67.9
87	24.2	21.4	32.0
59	11.3	9.5	14.3





#23

Vinyl Acetate

Concen: 220.490 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion: 43 Resp: 2623107

Ion Ratio Lower Upper

43 100

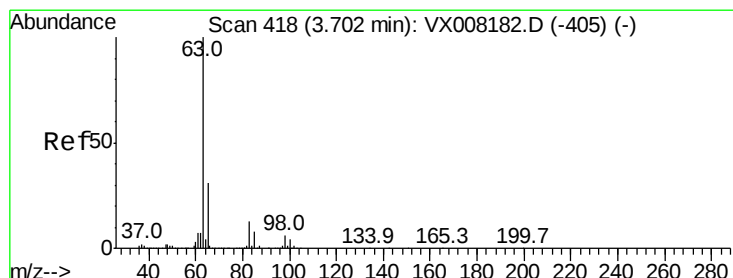
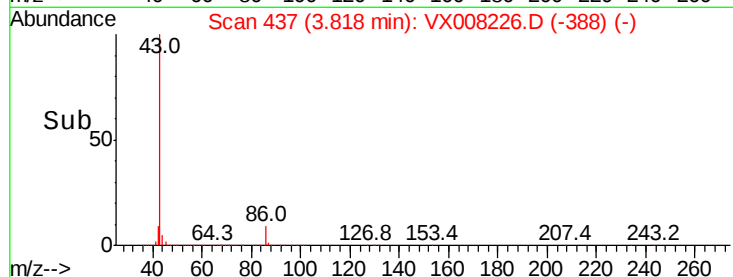
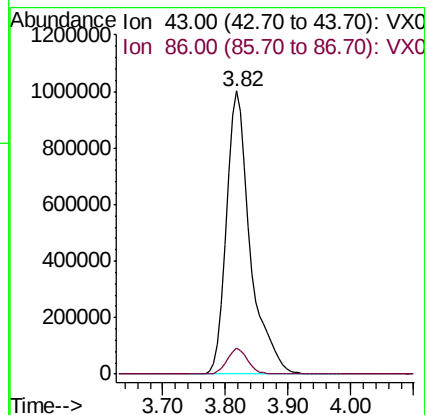
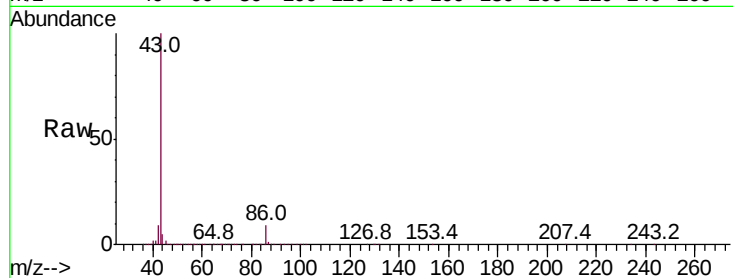
86 9.0 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 53.868 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

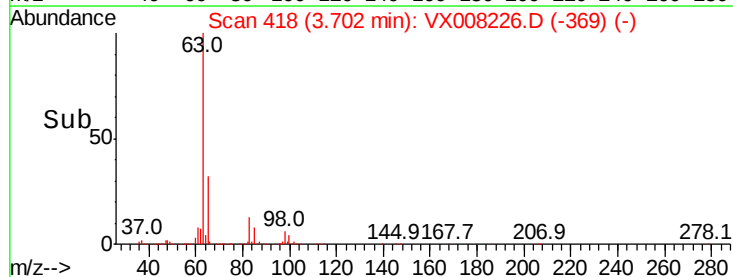
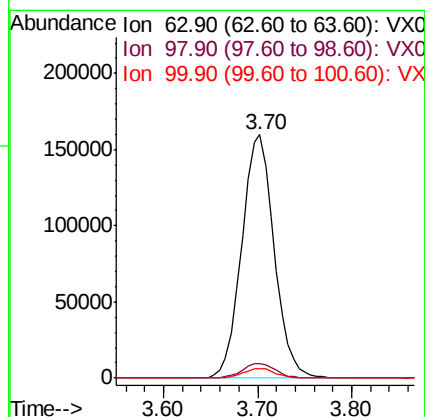
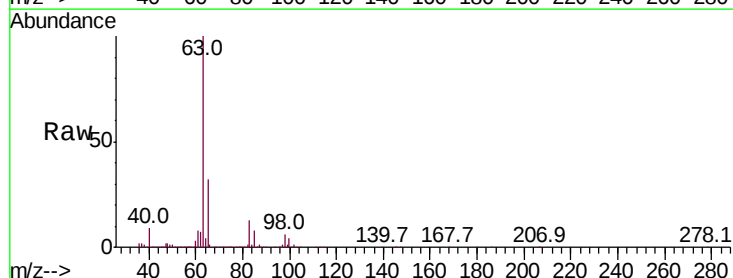
Tgt Ion: 63 Resp: 384448

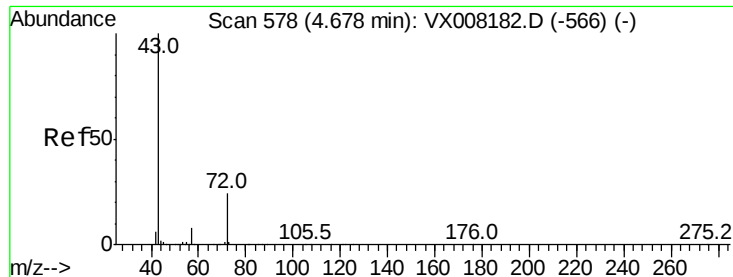
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 271.424 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion: 43 Resp: 918032

Ion Ratio Lower Upper

43 100

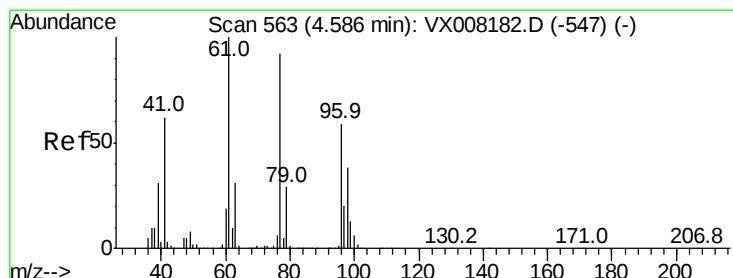
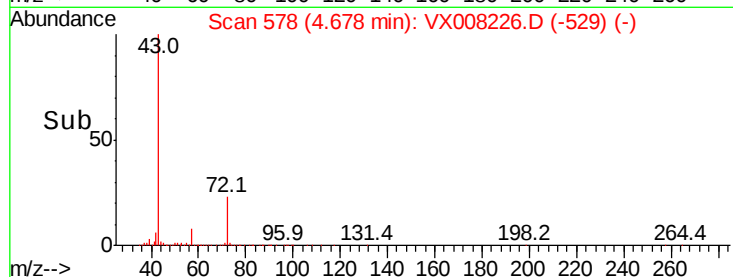
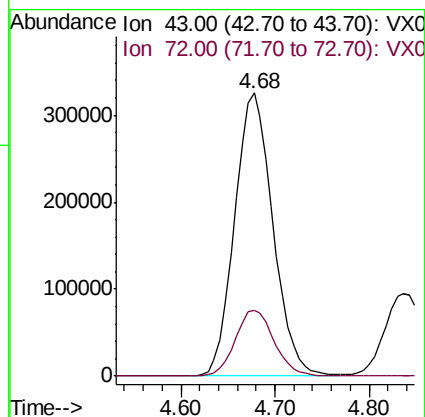
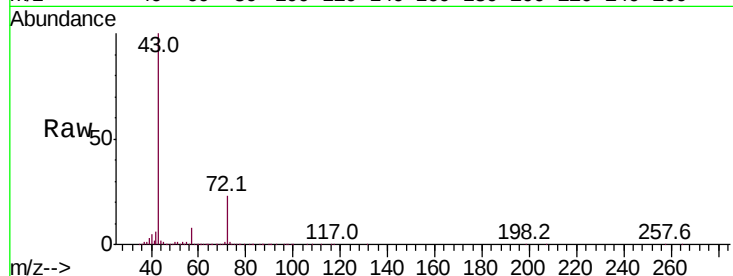
72 23.3 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 35.513 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008226.D

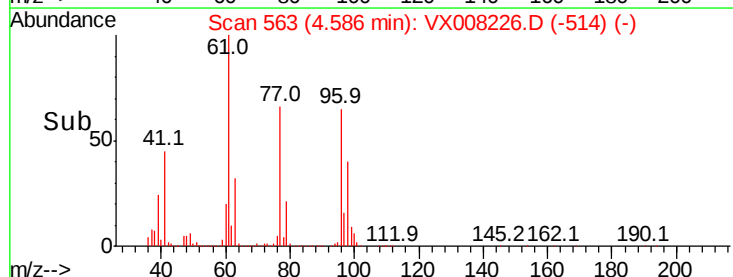
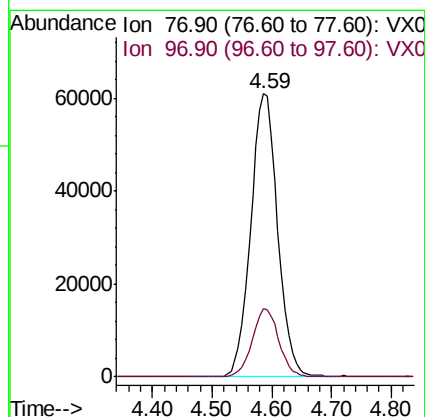
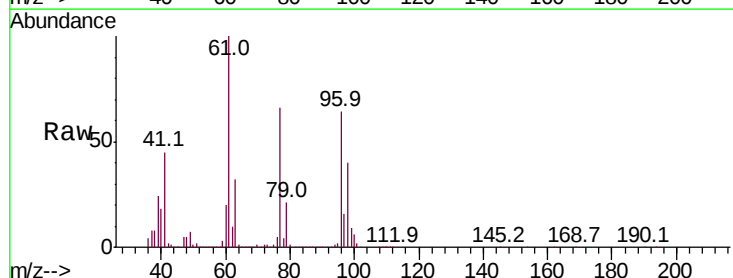
Acq: 20 Mar 2019 06:56

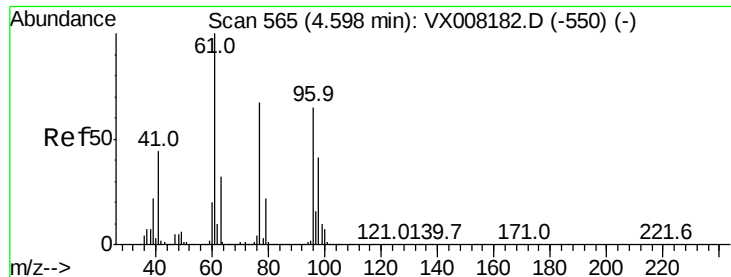
Tgt Ion: 77 Resp: 190930

Ion Ratio Lower Upper

77 100

97 23.9 12.2 36.6





#27

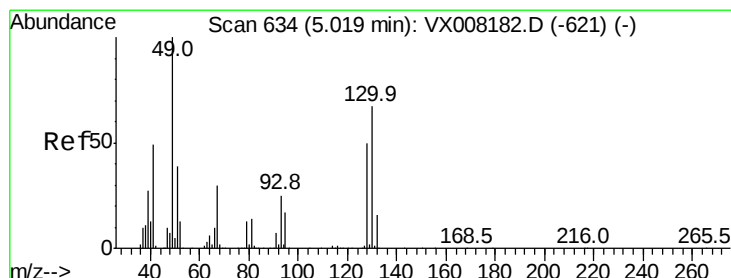
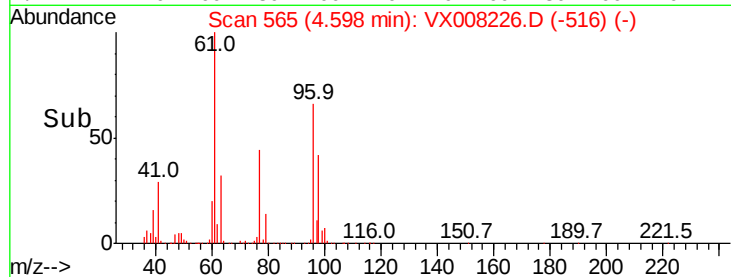
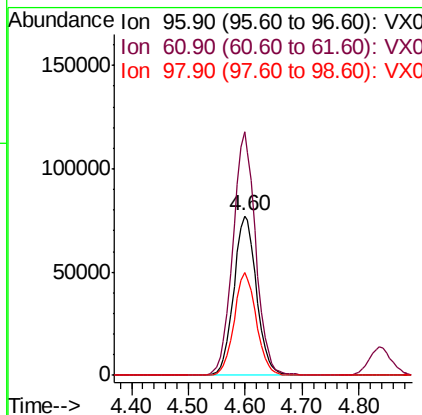
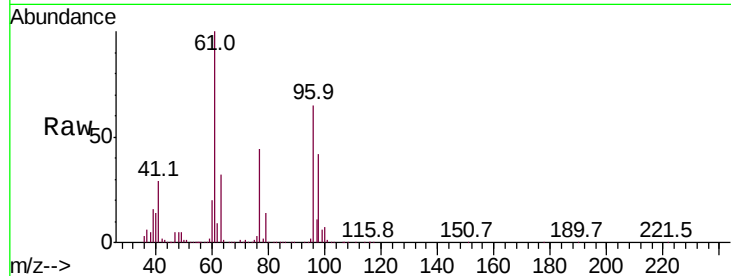
cis-1,2-Dichloroethene
Concen: 53.708 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	215276		
61	153.6	0.0	288.0	
98	63.3	0.0	129.0	

Manual Integrations
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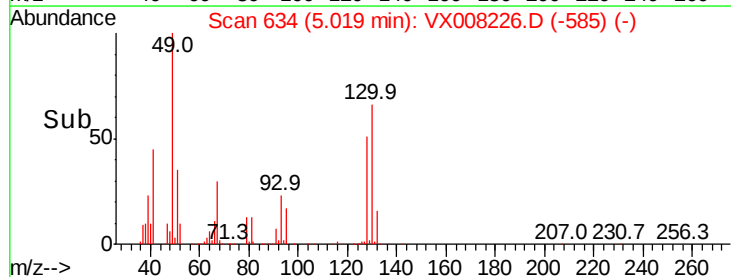
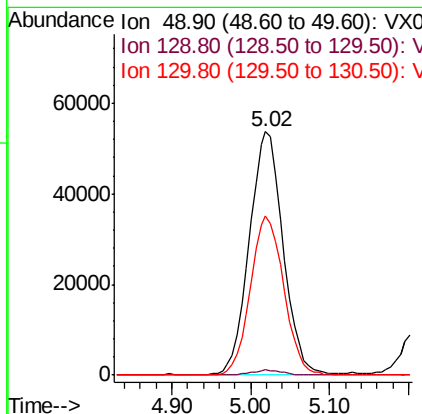
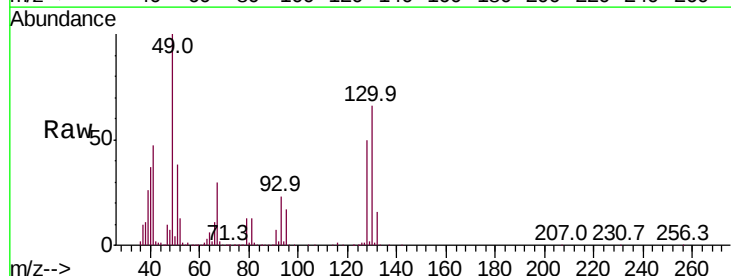
MMDadoda
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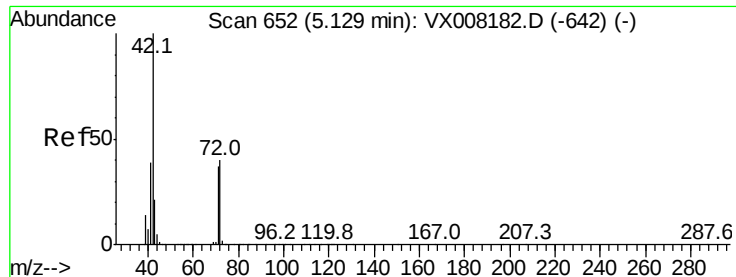


#28

Bromochloromethane
Concen: 49.945 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	160058		
129	1.9	0.0	4.0	
130	64.5	65.0	97.4#	





#29

Tetrahydrofuran

Concen: 287.493 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

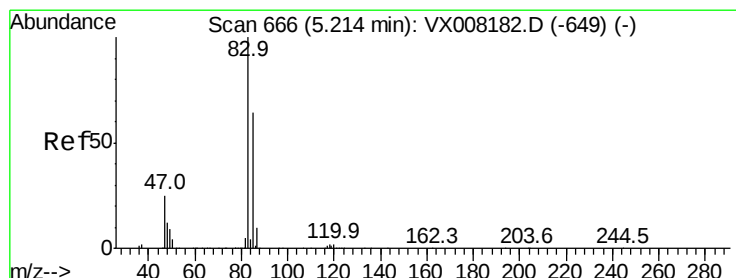
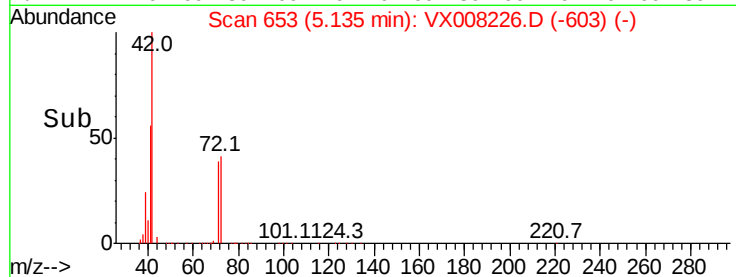
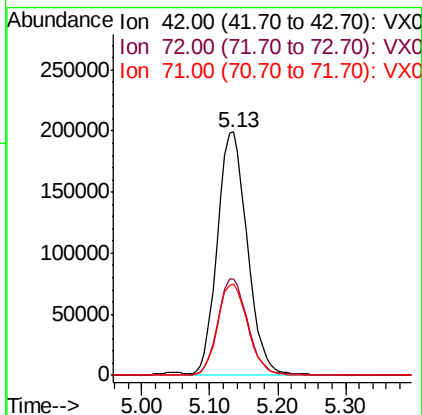
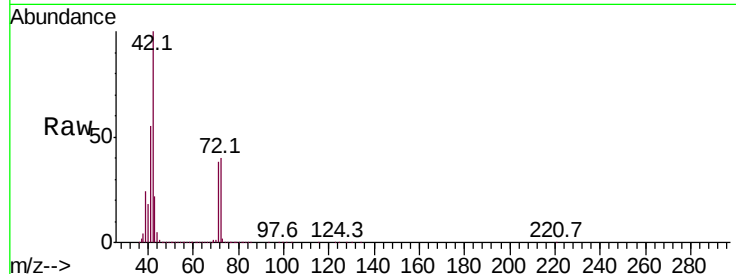
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	42	Resp:	607867
Ion	Ratio	Lower	Upper
42	100		
72	39.9	33.8	50.6
71	38.0	31.5	47.3

Manual Integrations
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#30

Chloroform

Concen: 54.467 ug/l

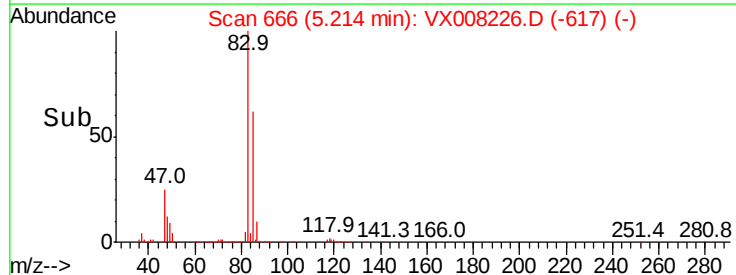
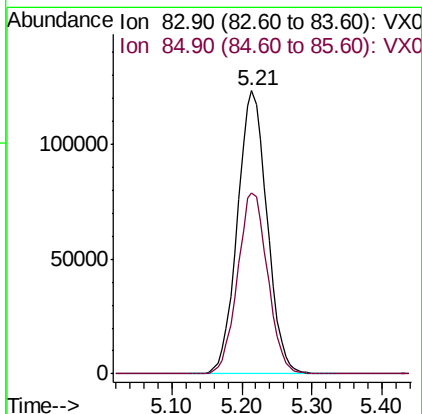
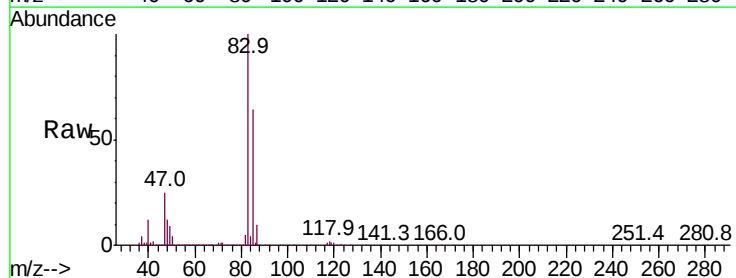
RT: 5.21 min Scan# 666

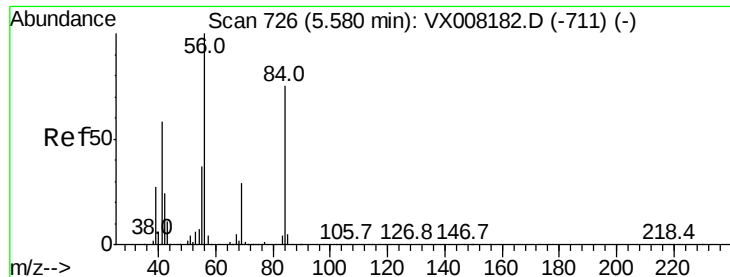
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	83	Resp:	363617
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.6





#31

Cyclohexane

Concen: 46.150 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

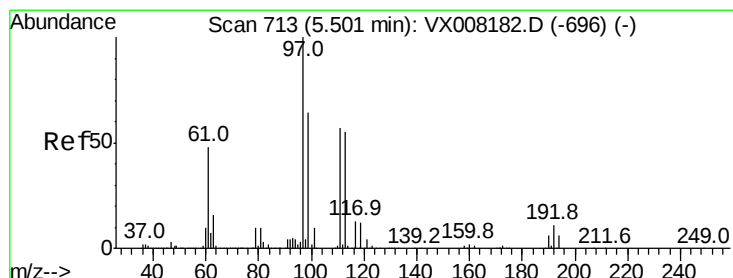
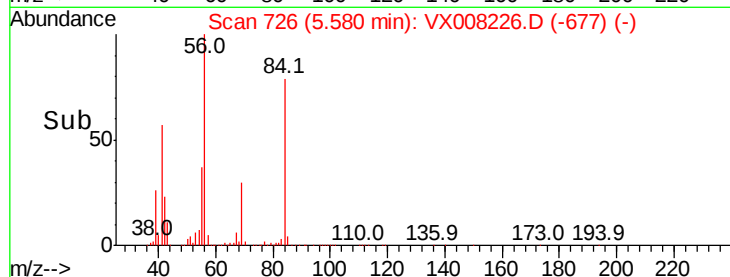
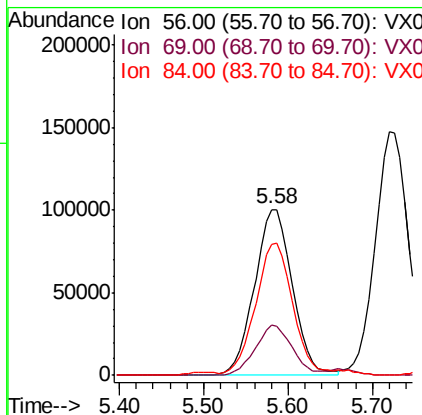
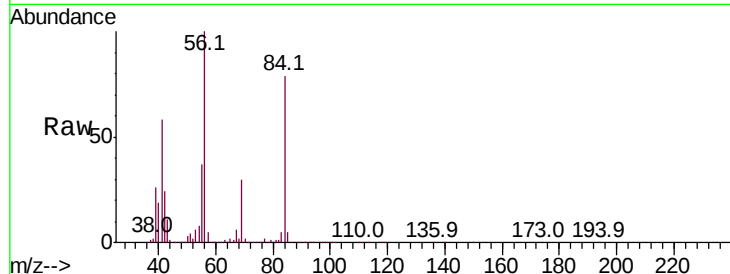
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.0	36.0
84	78.1	65.3	97.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.298 ug/l

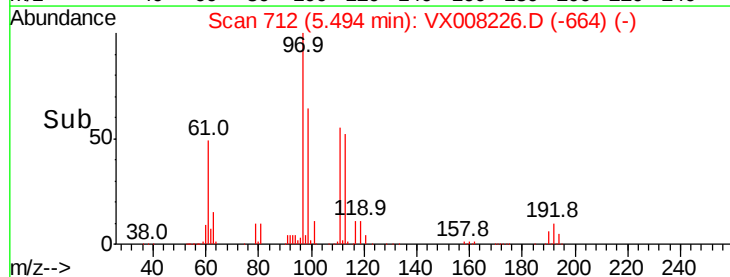
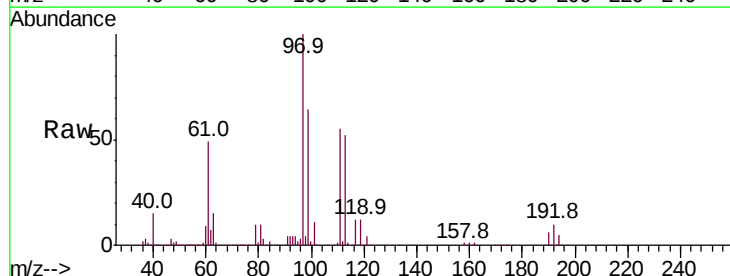
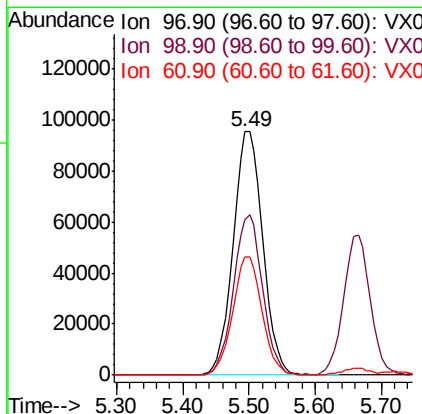
RT: 5.49 min Scan# 712

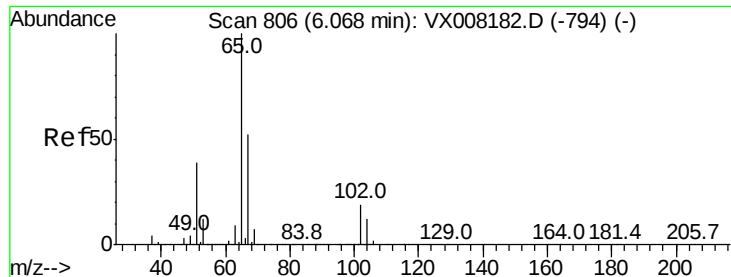
Delta R.T. -0.01 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	48.0	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 50.456 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion: 65 Resp: 203838

Ion Ratio Lower Upper

65 100

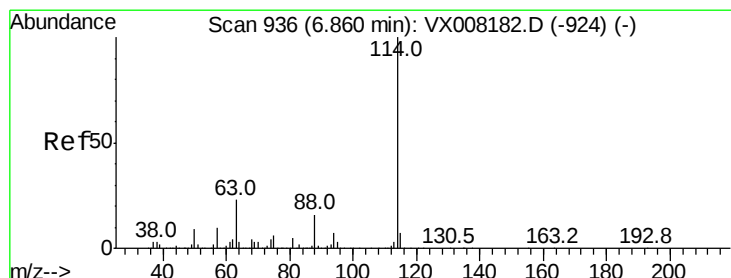
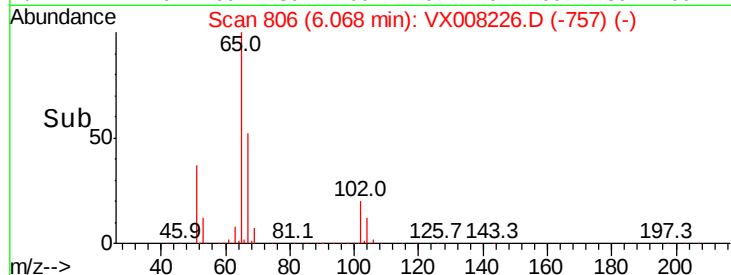
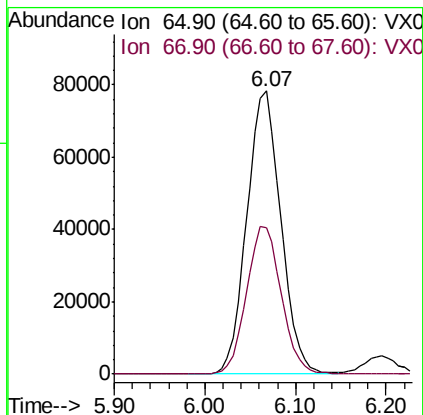
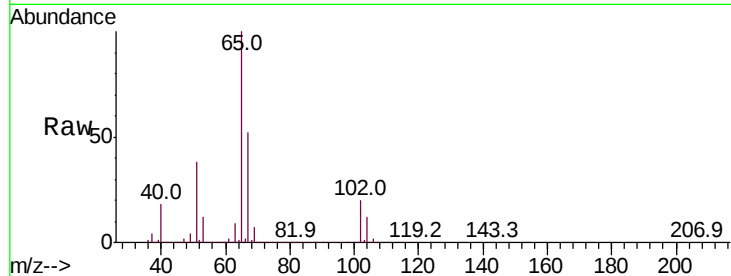
67 53.0 0.0 110.0

Manual Integrations

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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: VX008226.D

Acq: 20 Mar 2019 06:56

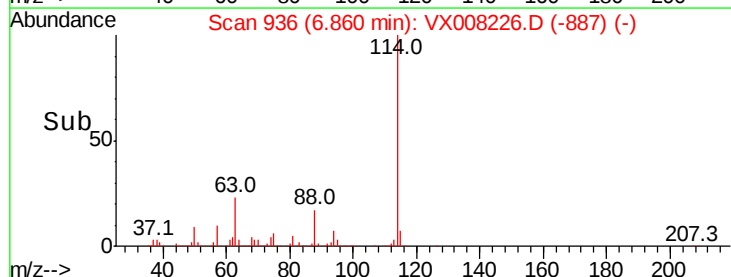
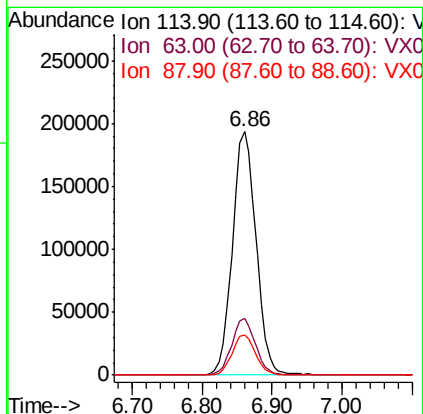
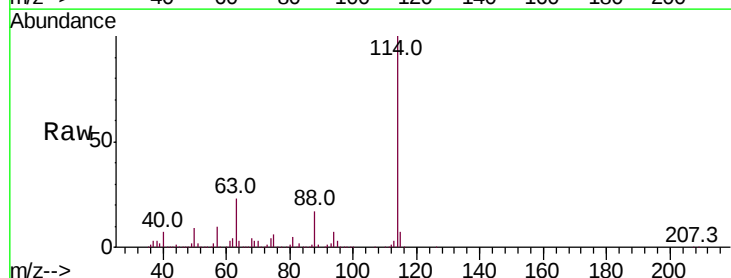
Tgt Ion: 114 Resp: 455444

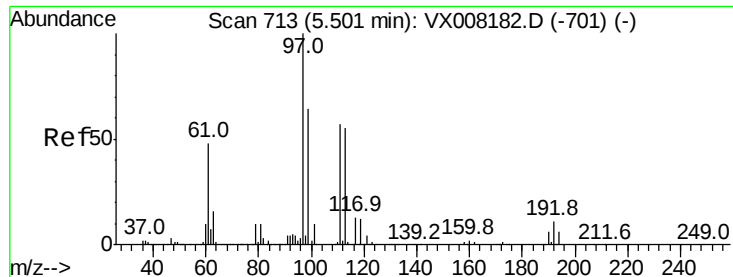
Ion Ratio Lower Upper

114 100

63 23.1 0.0 39.8

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.888 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

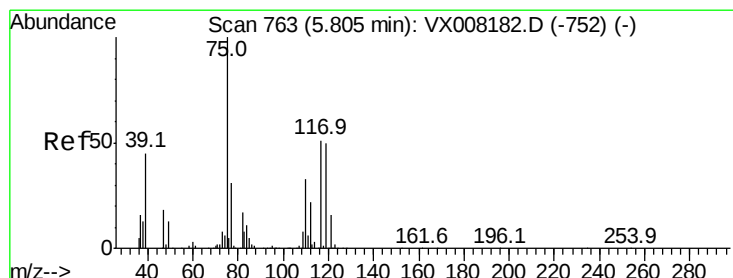
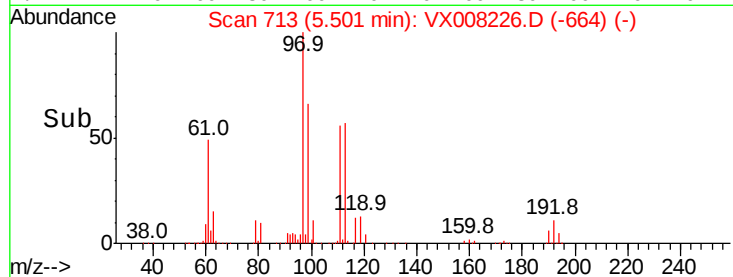
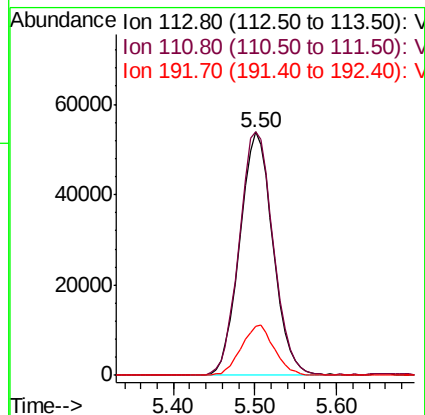
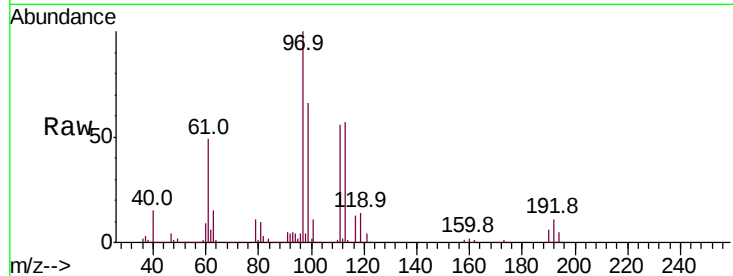
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	113	Resp:	152103
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	20.4	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 49.155 ug/l

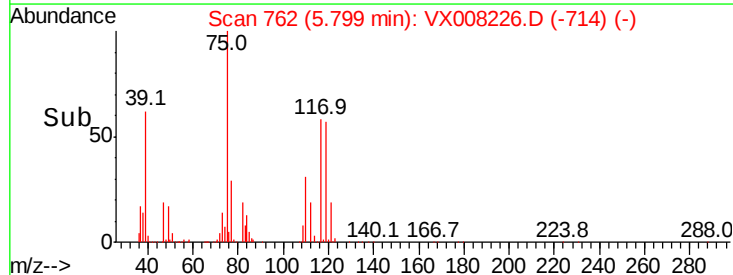
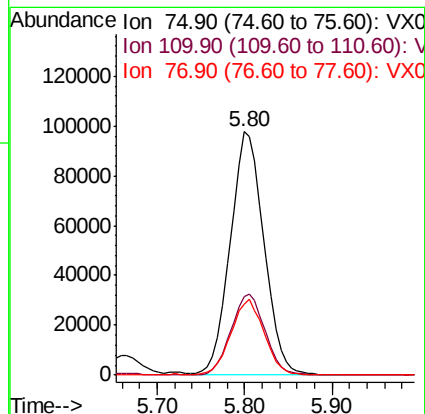
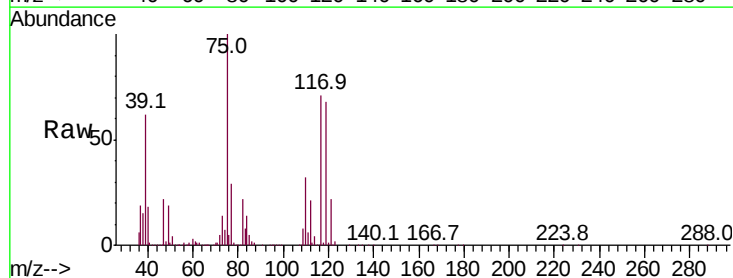
RT: 5.80 min Scan# 762

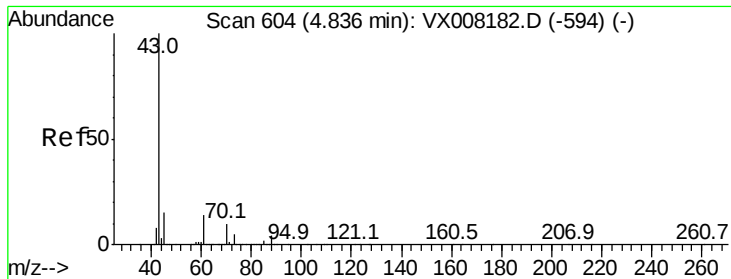
Delta R.T. -0.01 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	75	Resp:	260646
Ion Ratio	Lower	Upper	
75	100		
110	33.6	18.4	55.0
77	30.4	25.0	37.4





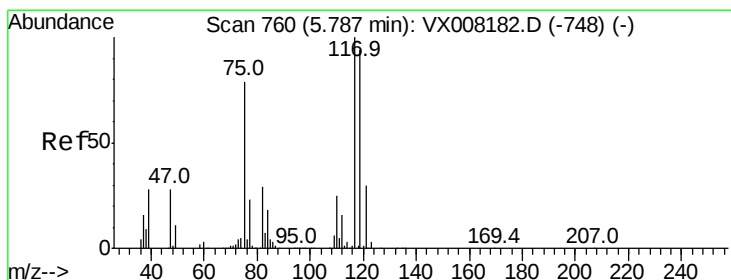
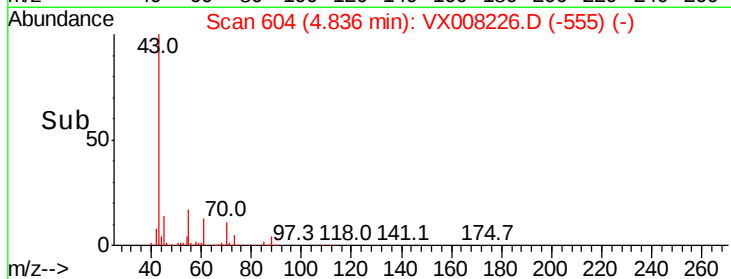
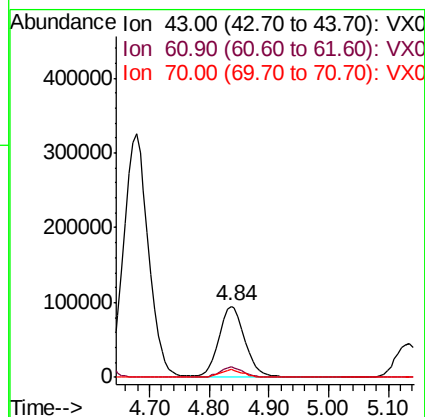
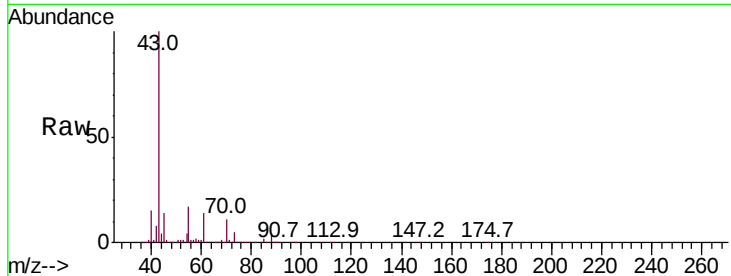
#37
Ethyl Acetate
Concen: 45.913 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.3	16.9
70	9.9	8.5	12.7

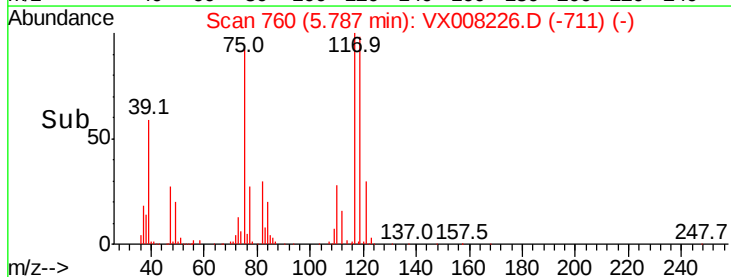
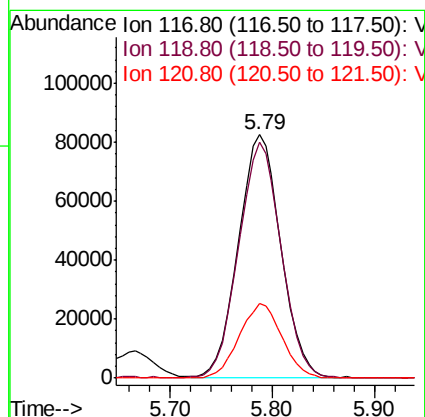
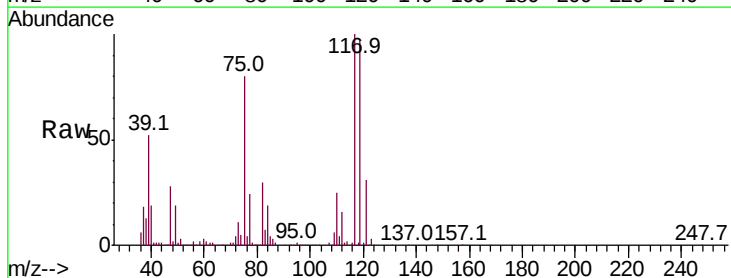
Manual Integrations
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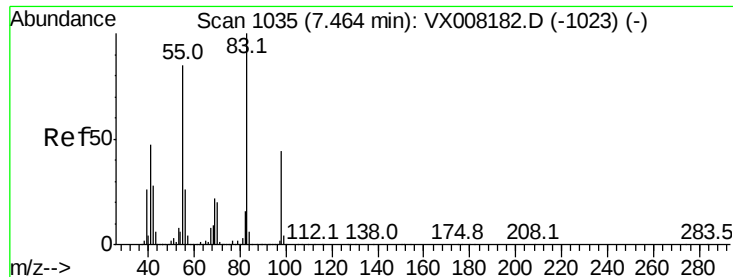
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#38
Carbon Tetrachloride
Concen: 50.329 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.2	114.2
121	30.7	24.6	36.8





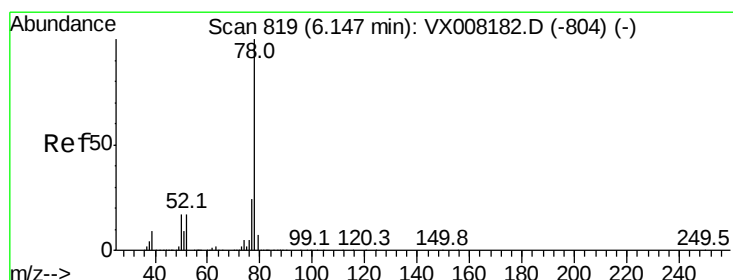
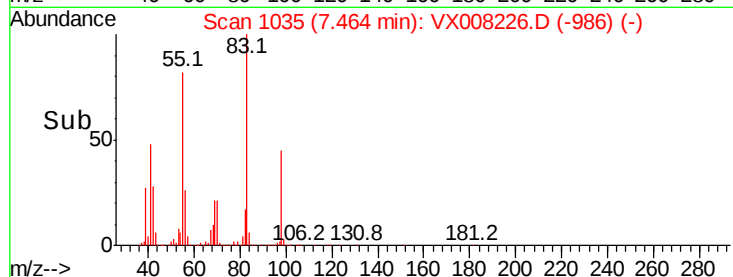
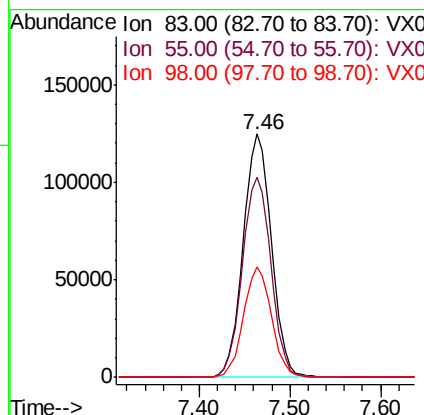
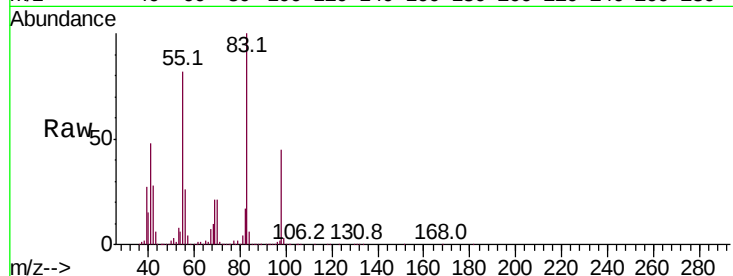
#39
Methylvlcyclohexane
Concen: 42.181 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	269160		
55	82.3	60.4	90.6	
98	45.5	36.5	54.7	

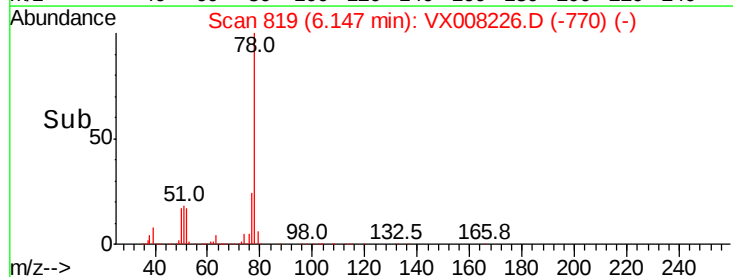
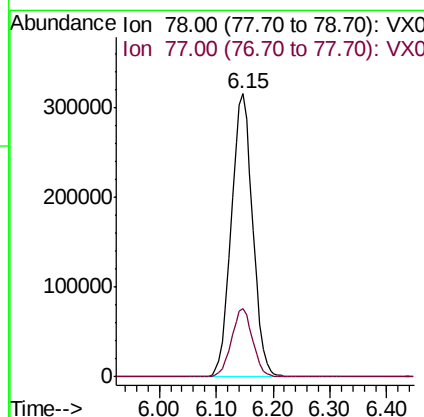
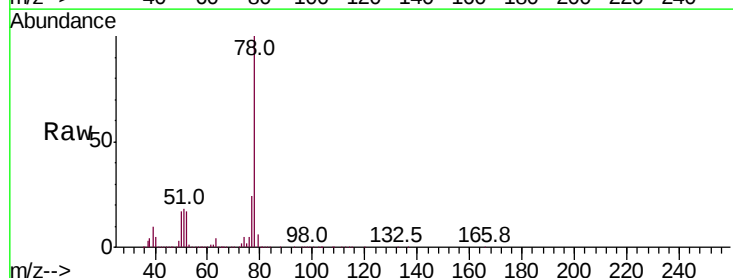
Manual Integrations
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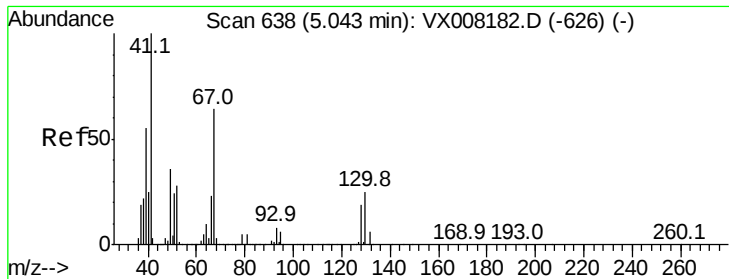
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#40
Benzene
Concen: 52.936 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	830804		
77	24.3	19.0	28.4	





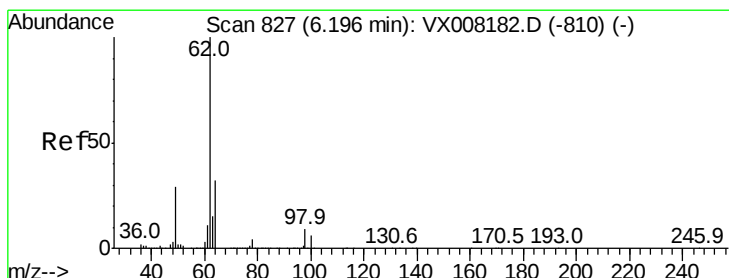
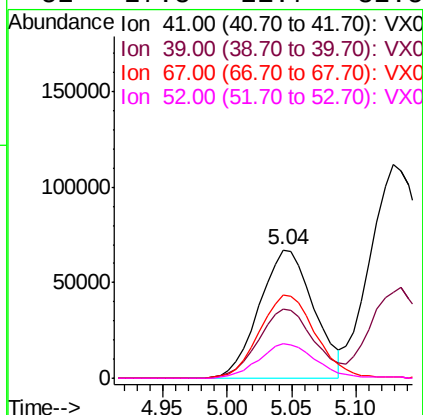
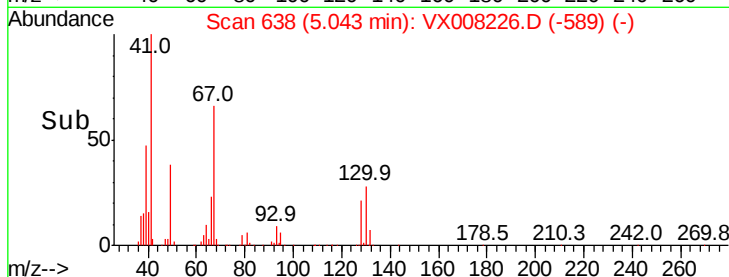
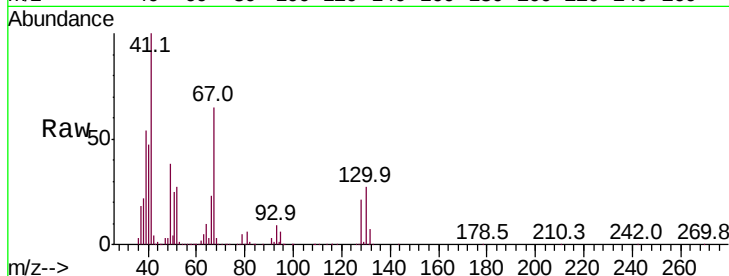
#41
Methacrylonitrile
Concen: 55.866 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	41.6	62.4	
67	67.6	55.8	83.6	
52	27.8	21.7	32.5	

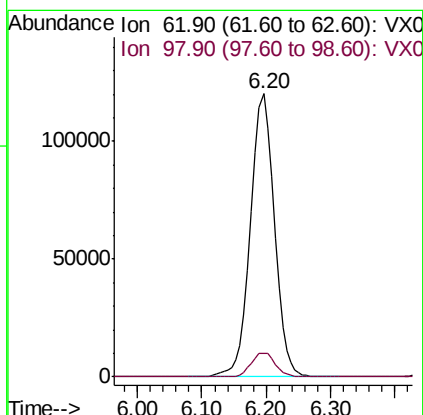
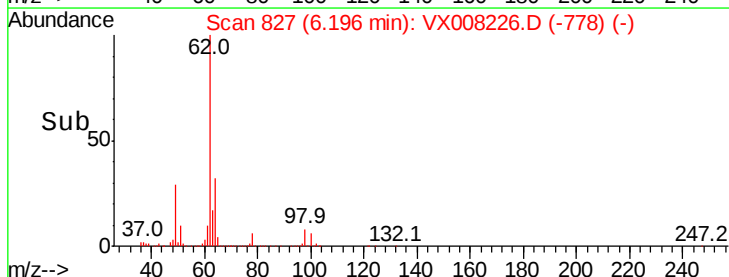
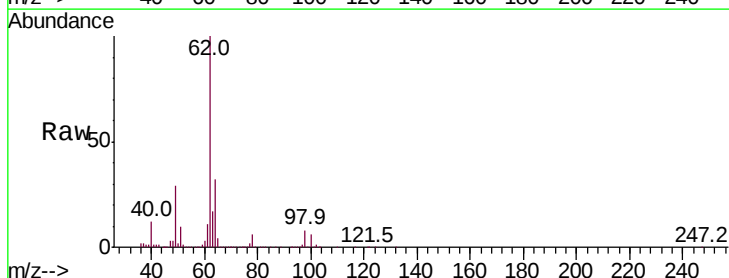
Manual Integrations
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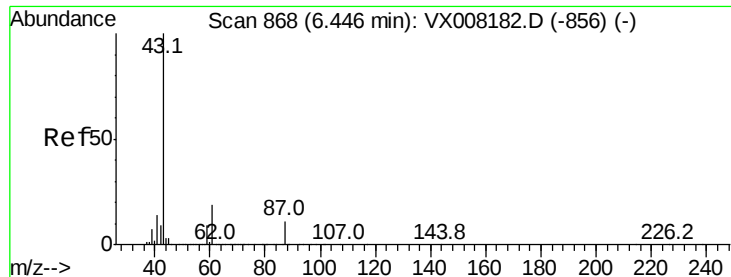
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.333 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	20.4	





#43

Isopropyl Acetate

Concen: 49.102 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

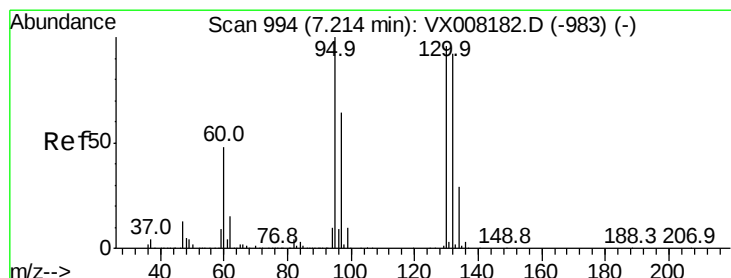
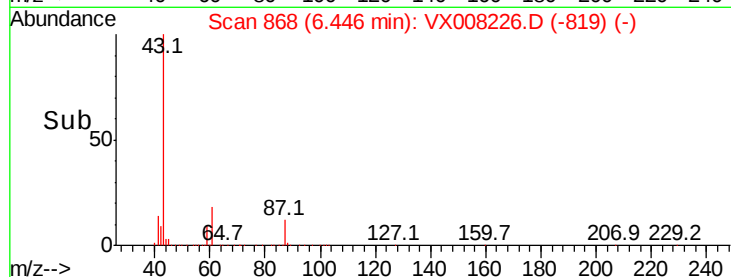
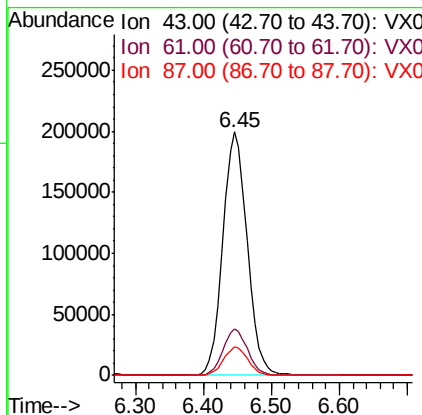
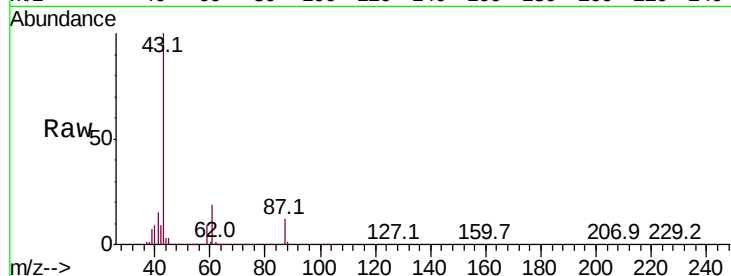
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	43	Resp:	493342
Ion	Ratio	Lower	Upper
43	100		
61	18.9	16.3	24.5
87	11.8	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 51.322 ug/l

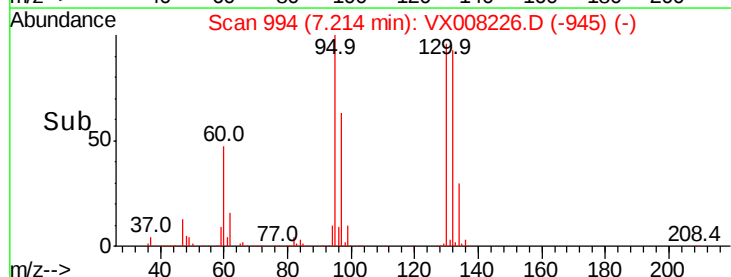
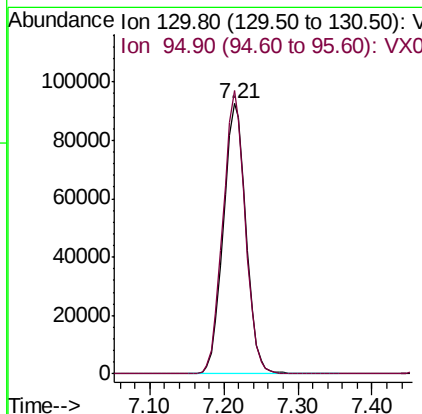
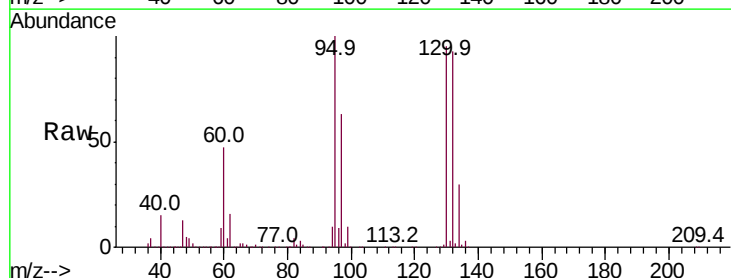
RT: 7.21 min Scan# 994

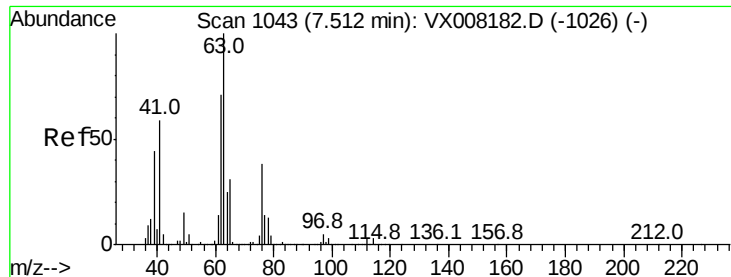
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	130	Resp:	196946
Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	188.0





#45

1,2-Dichloropropane

Concen: 53.007 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion: 63 Resp: 232885

Ion Ratio Lower Upper

63 100

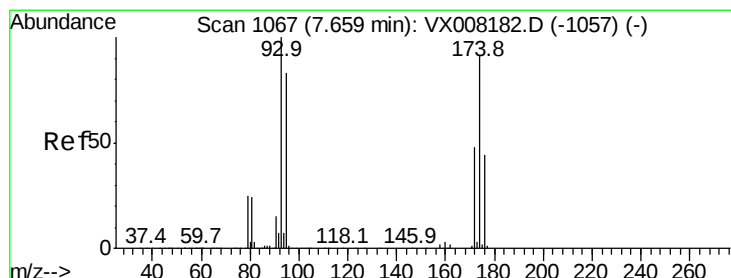
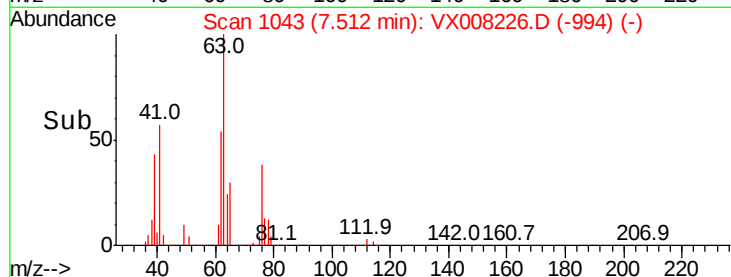
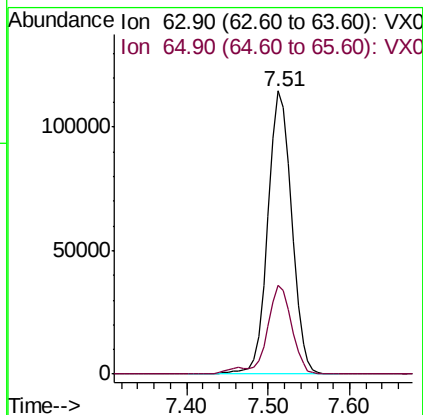
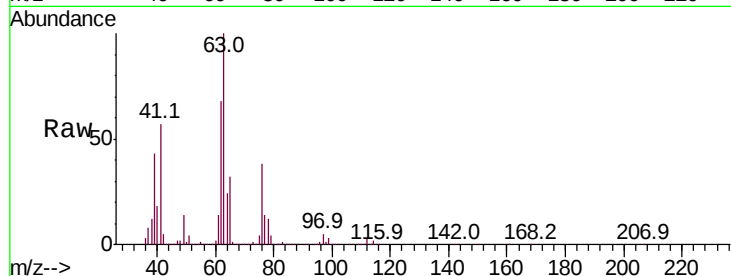
65 31.5 24.7 37.1

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MMDadoda

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#46

Dibromomethane

Concen: 53.261 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

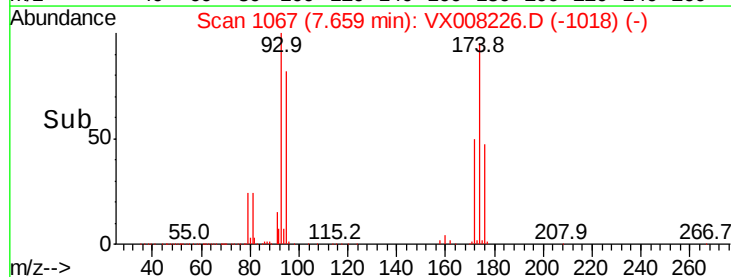
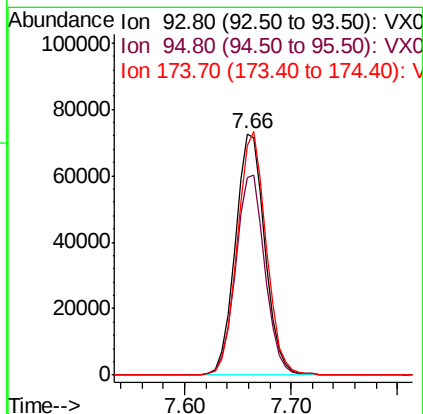
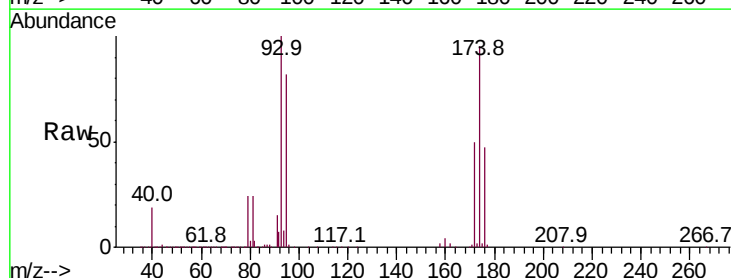
Tgt Ion: 93 Resp: 141679

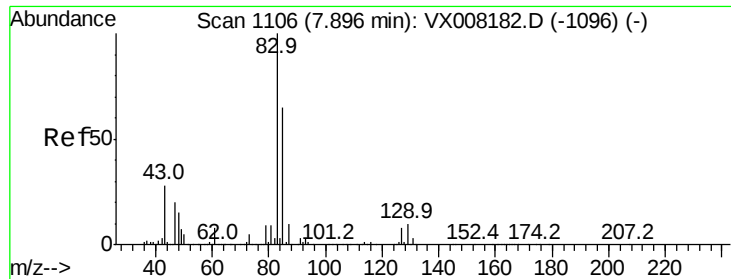
Ion Ratio Lower Upper

93 100

95 82.4 66.8 100.2

174 98.5 97.3 145.9





#47

Bromodichloromethane

Concen: 54.468 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

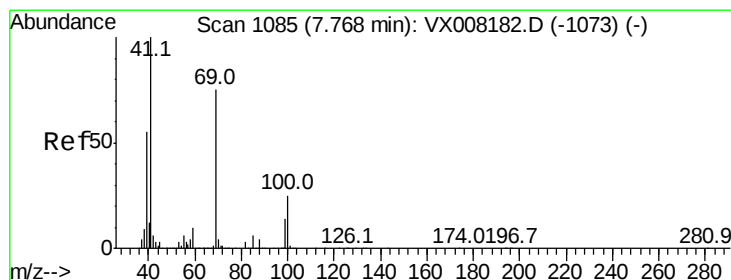
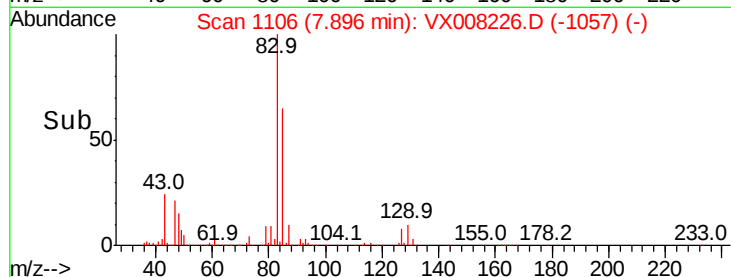
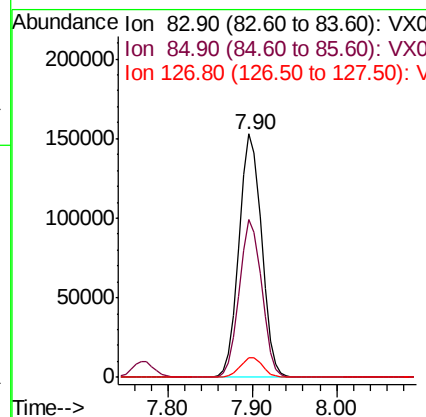
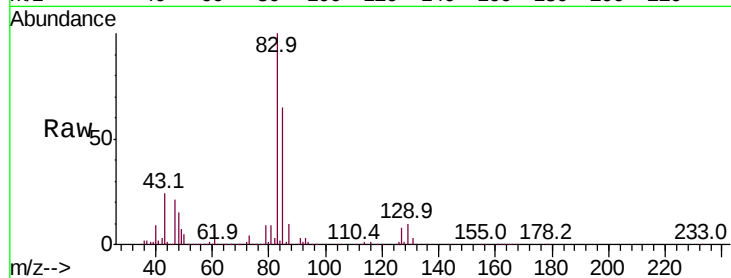
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	83	Resp:	276132
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.9	76.3
127	8.1	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.423 ug/l

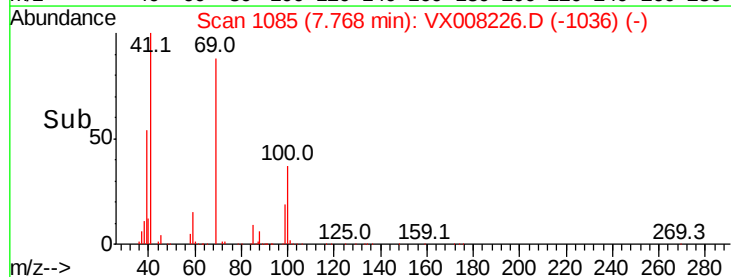
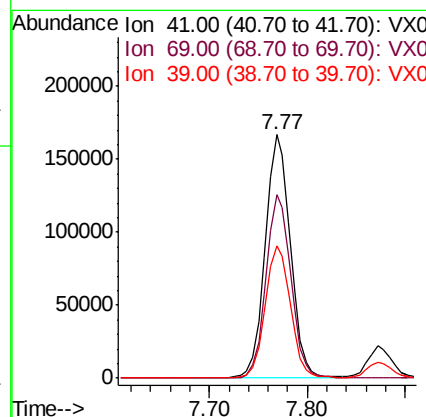
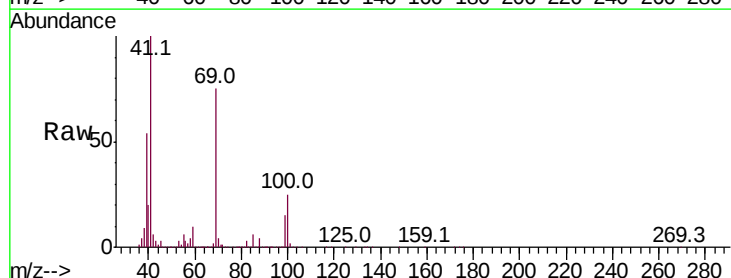
RT: 7.77 min Scan# 1085

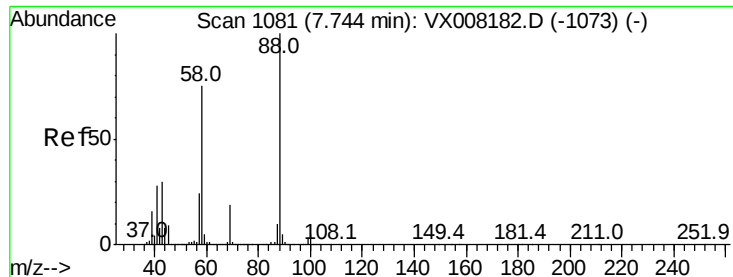
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	41	Resp:	296081
Ion Ratio	Lower	Upper	
41	100		
69	75.6	65.2	97.8
39	54.6	39.4	59.2





#49

1,4-Dioxane

Concen: 1075.136 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

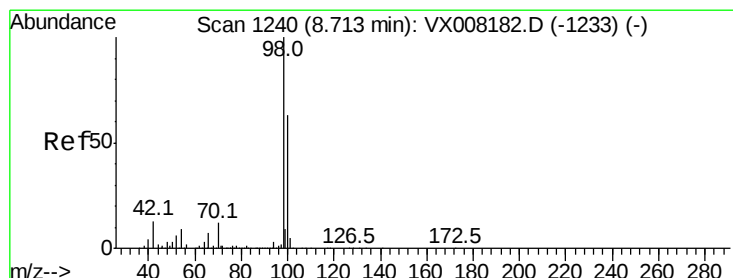
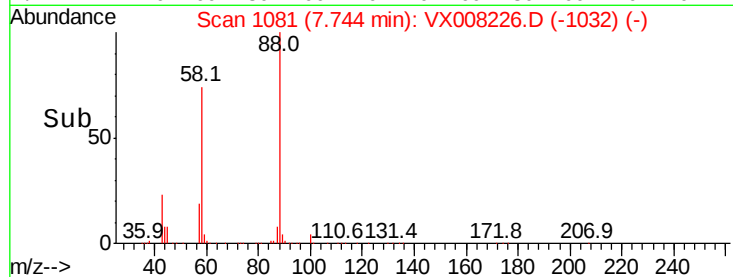
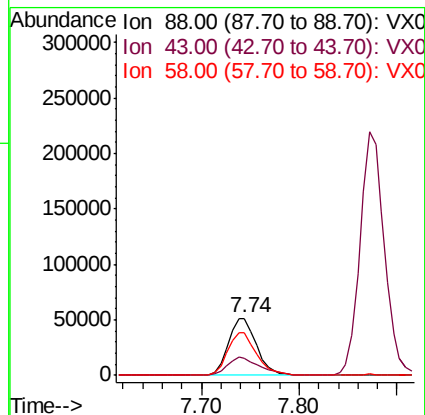
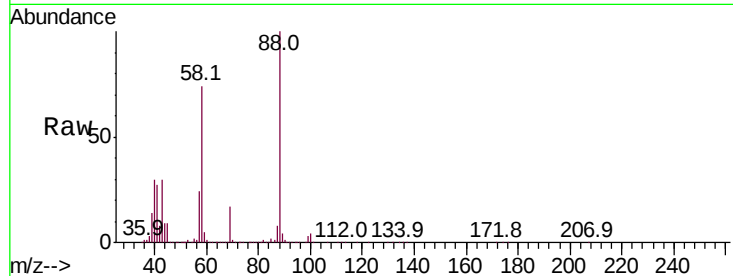
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	88	Resp:	101356
Ion	Ratio	Lower	Upper
88	100		
43	36.3	25.1	37.7
58	77.5	57.8	86.6

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#50

Toluene-d8

Concen: 48.020 ug/l

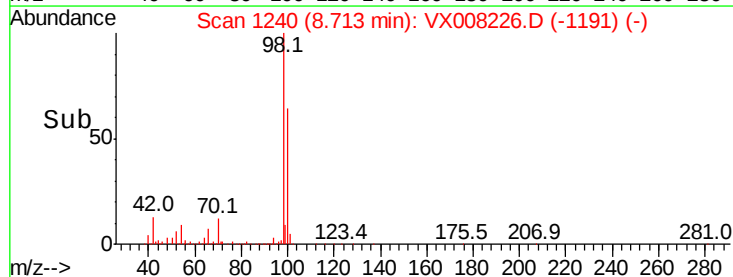
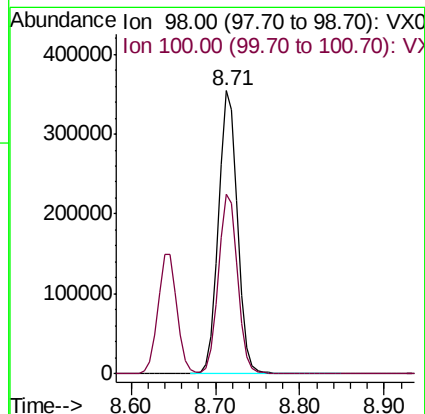
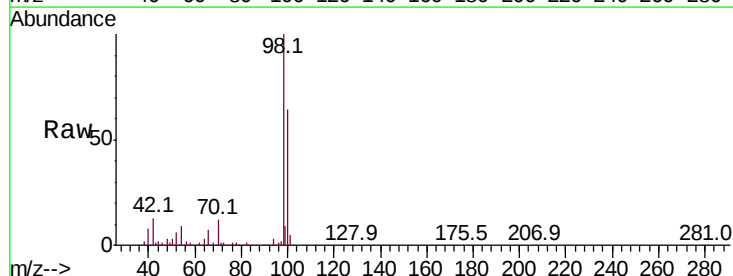
RT: 8.71 min Scan# 1240

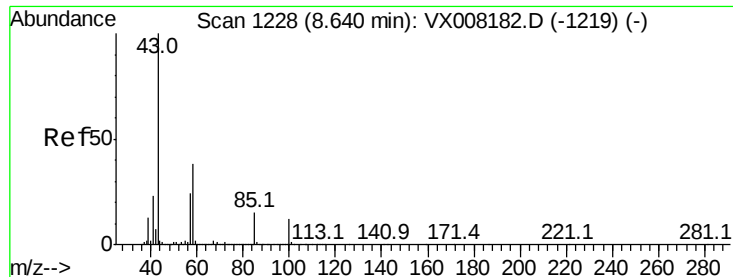
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	98	Resp:	555082
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.7	77.5





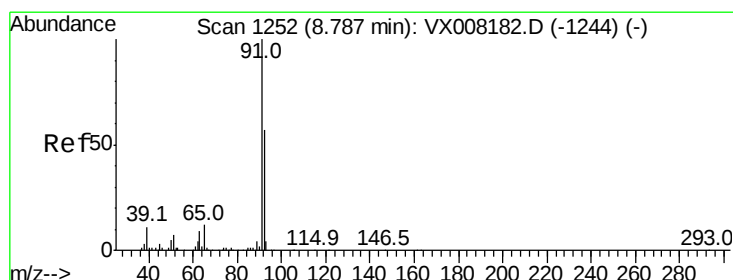
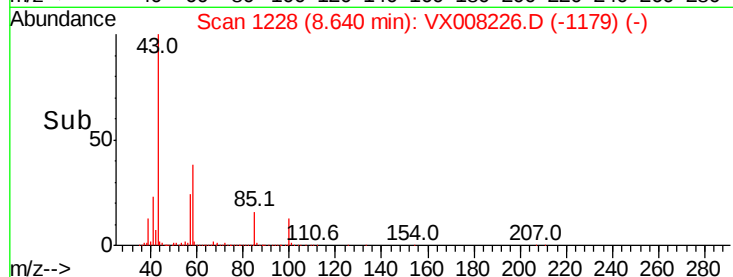
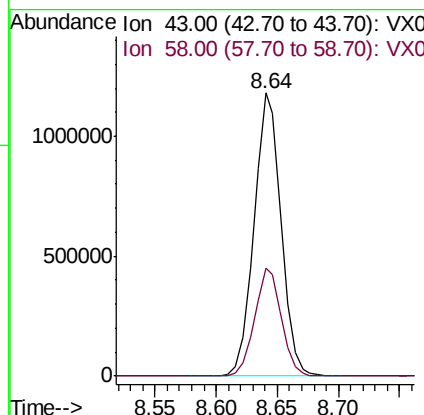
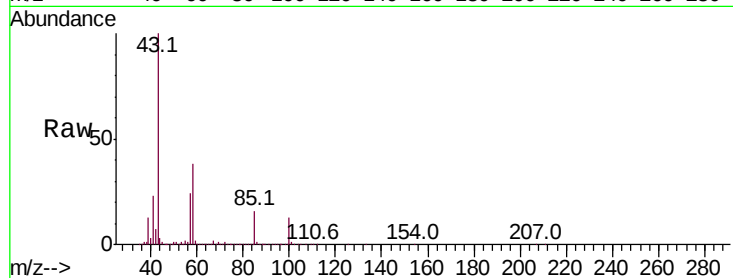
#51
4-Methyl-2-Pentanone
Concen: 279.132 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion: 43 Resp: 1813083
Ion Ratio Lower Upper
43 100
58 37.8 31.3 46.9

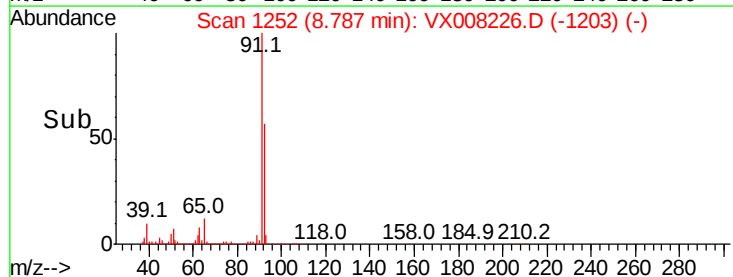
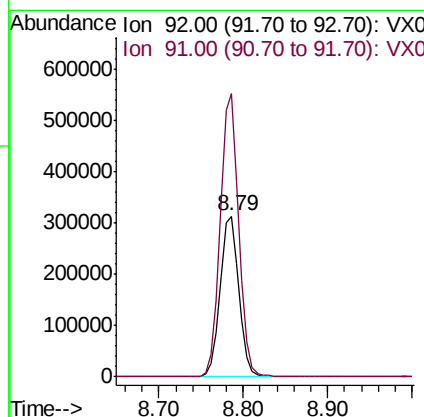
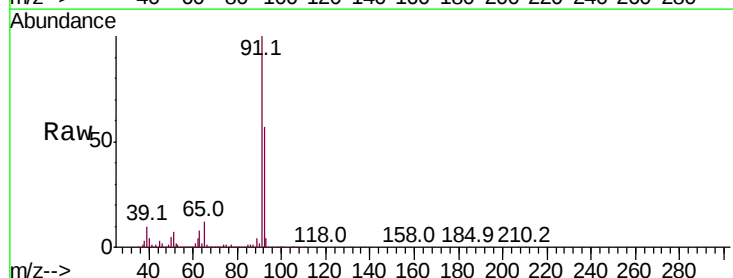
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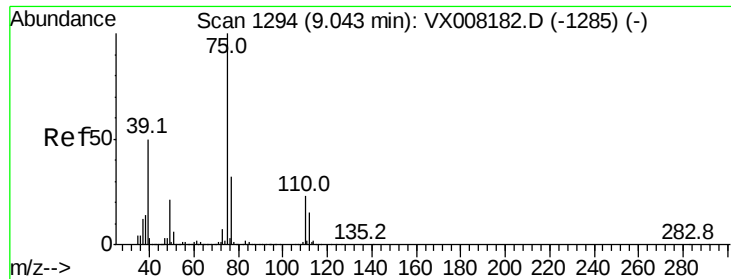
MMDadoda
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#52
Toluene
Concen: 51.887 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion: 92 Resp: 483118
Ion Ratio Lower Upper
92 100
91 173.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 46.307 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion: 75 Resp: 293313

Ion Ratio Lower Upper

75 100

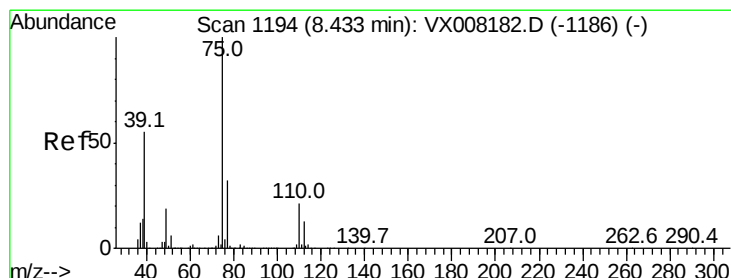
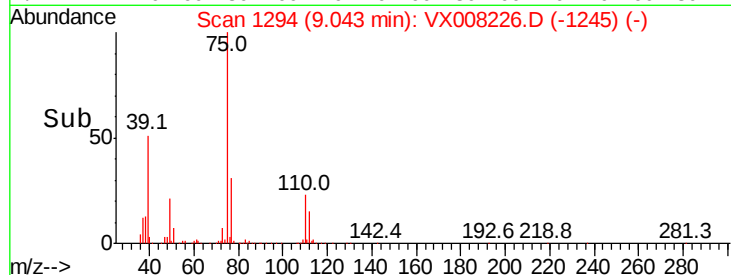
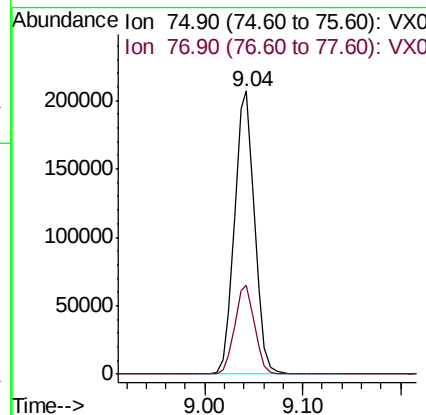
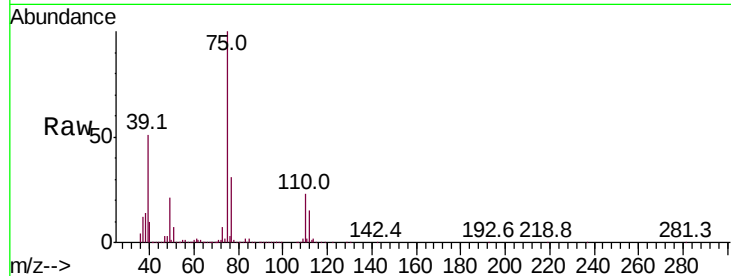
77 31.2 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 50.318 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

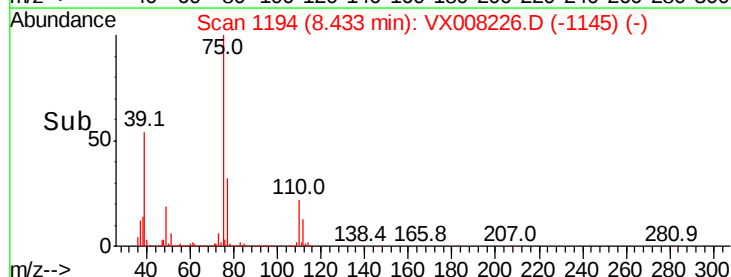
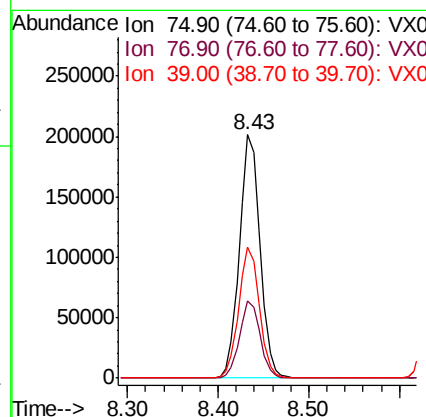
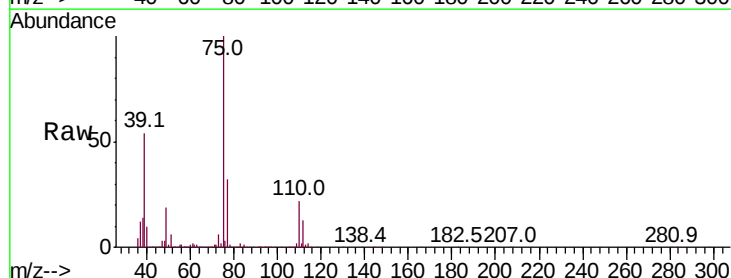
Tgt Ion: 75 Resp: 316582

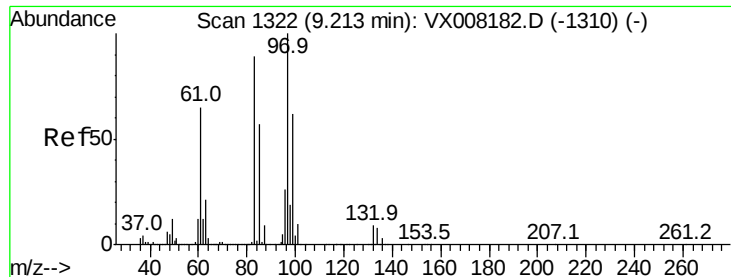
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

39 54.0 36.6 54.8





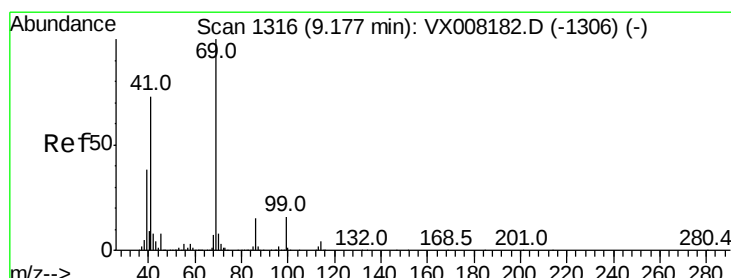
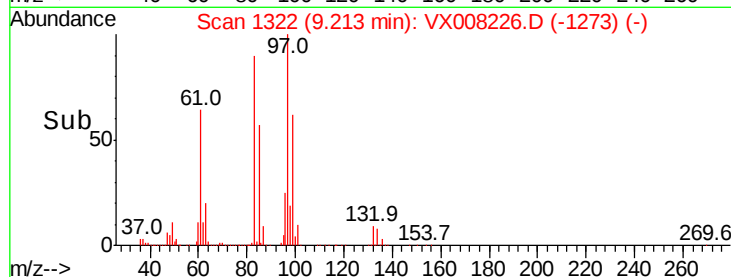
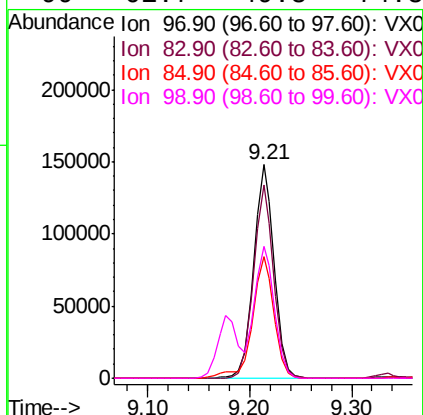
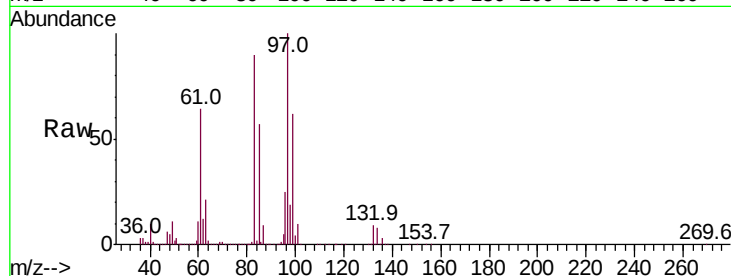
#55
 1,1,2-Trichloroethane
 Concen: 55.418 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.1	69.1	103.7
85	56.8	44.3	66.5
99	61.7	49.8	74.8

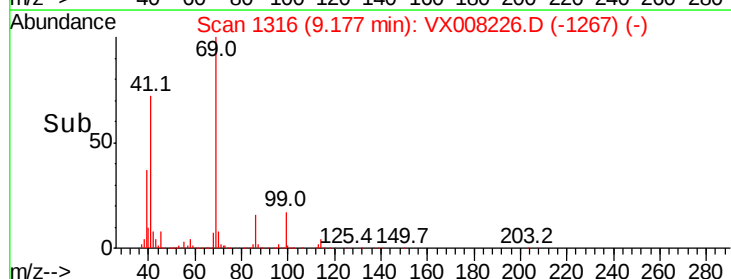
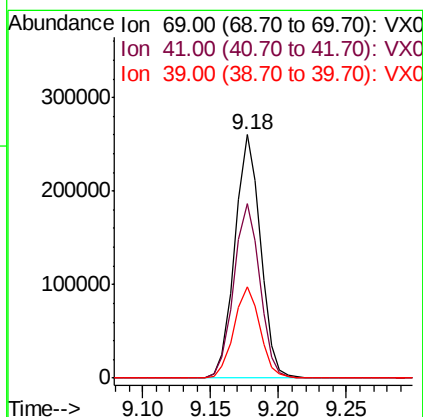
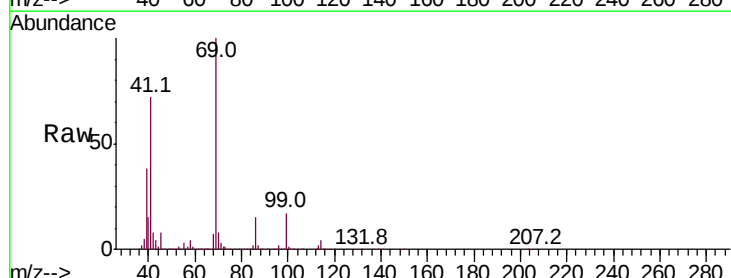
Manual Integrations
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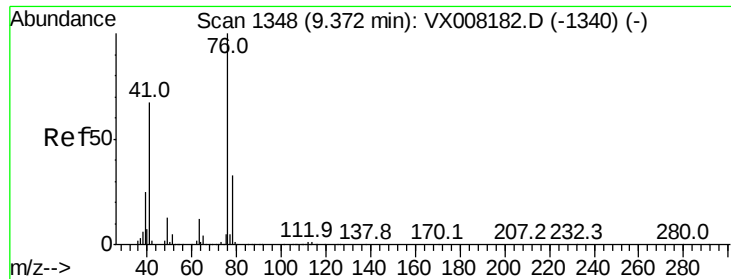
MMDadoda
 3/20/2019 10:27:43 AM



#56
 Ethyl methacrylate
 Concen: 51.962 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.0	54.2	81.4
39	38.0	25.0	37.4#





#57

1,3-Dichloropropane

Concen: 54.639 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion: 76 Resp: 363617

Ion Ratio Lower Upper

76 100

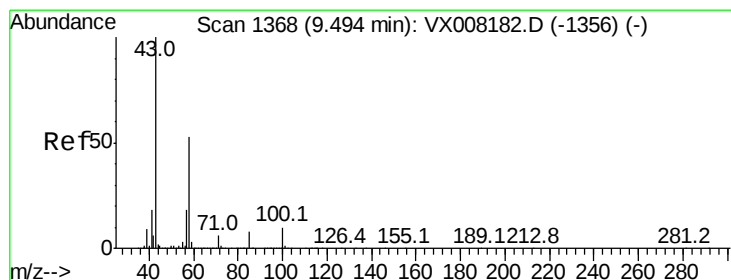
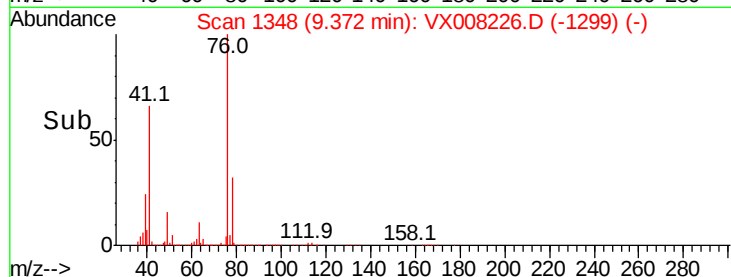
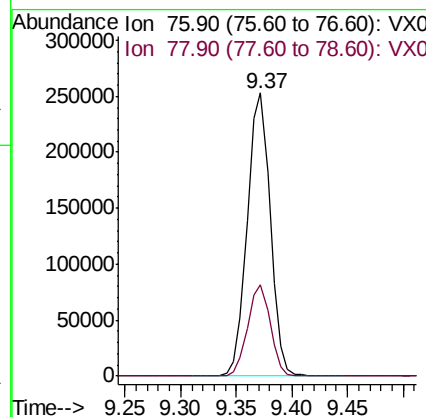
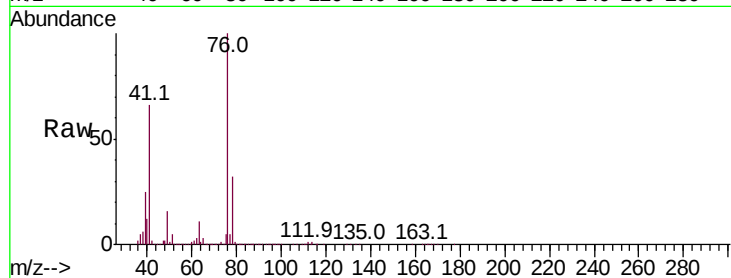
78 32.1 25.5 38.3

Manual Integrations

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3/20/2019 10:27:43 AM



#59

2-Hexanone

Concen: 274.941 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008226.D

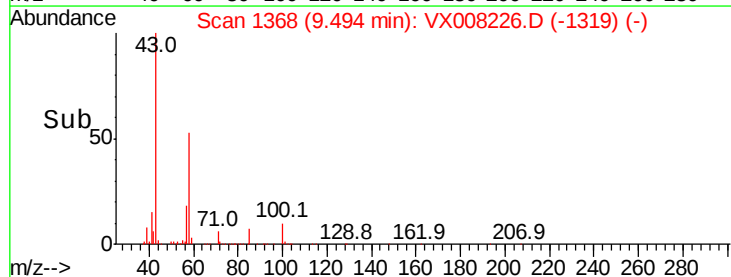
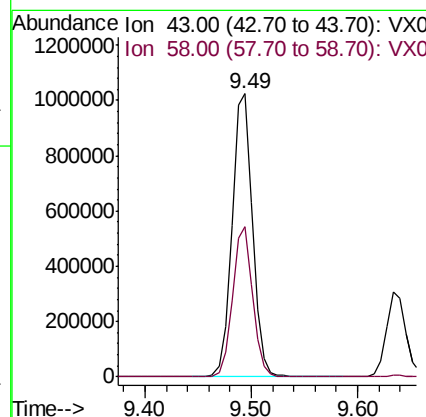
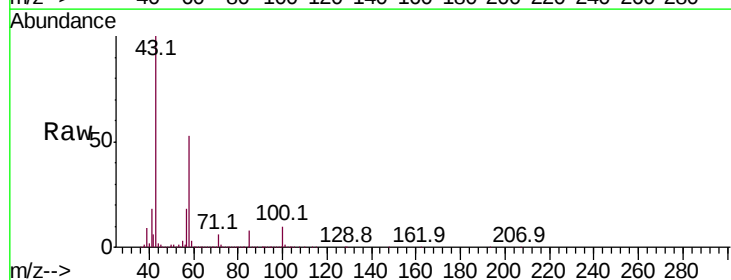
Acq: 20 Mar 2019 06:56

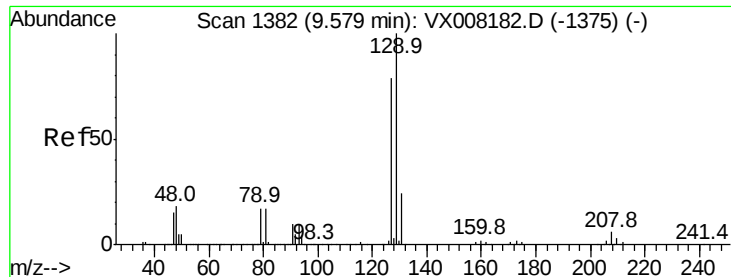
Tgt Ion: 43 Resp: 1374894

Ion Ratio Lower Upper

43 100

58 52.2 27.6 82.7





#60

Dibromochloromethane

Concen: 56.676 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:129 Resp: 204904

Ion Ratio Lower Upper

129 100

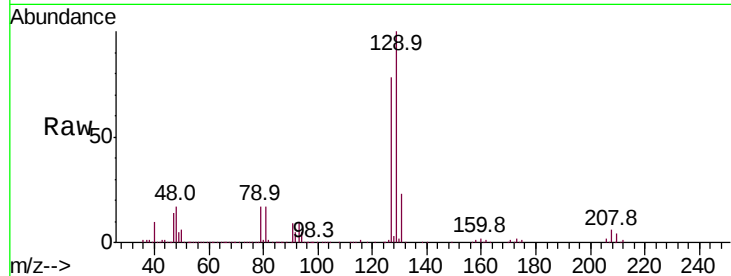
127 77.3 38.3 114.8

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

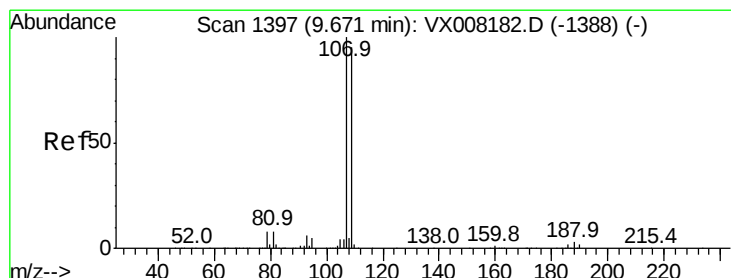
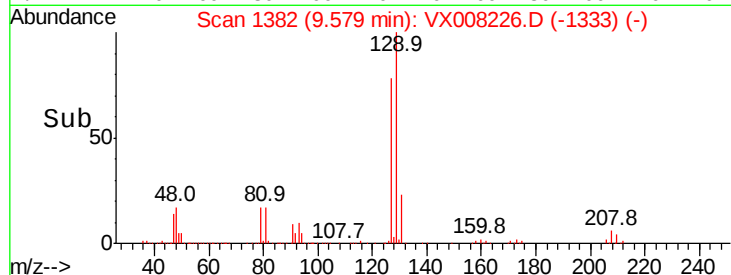
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 54.767 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008226.D

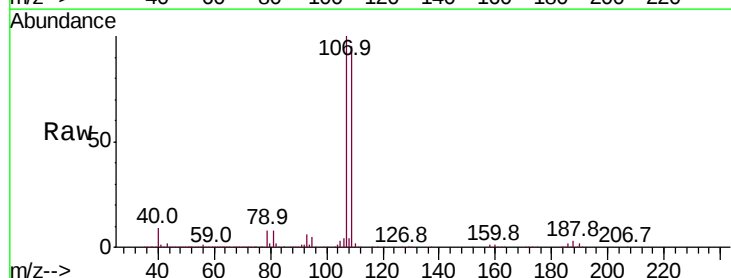
Acq: 20 Mar 2019 06:56

Tgt Ion:107 Resp: 215127

Ion Ratio Lower Upper

107 100

109 93.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

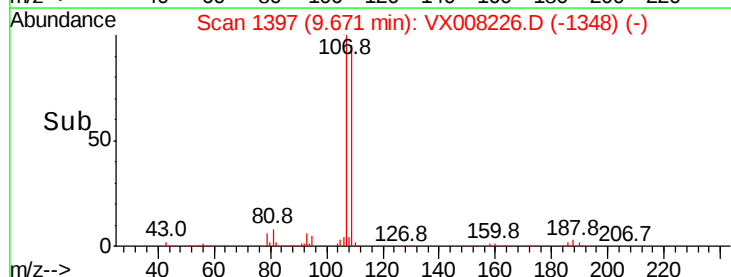
150000

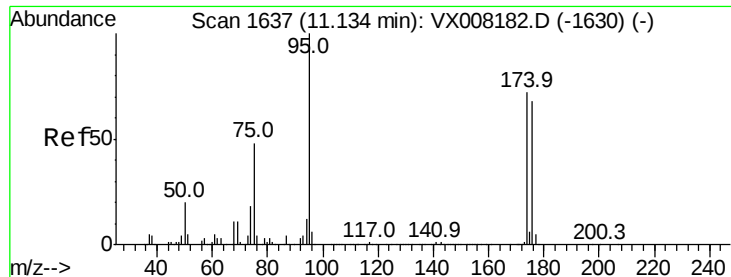
100000

50000

0

Time-->





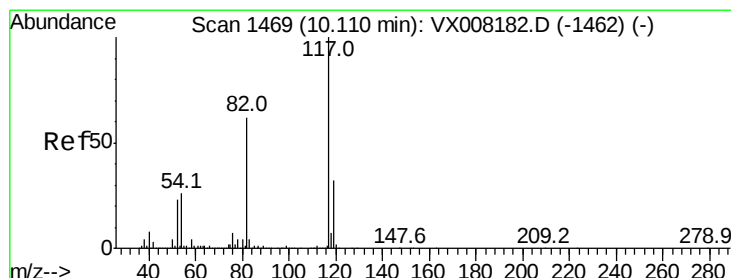
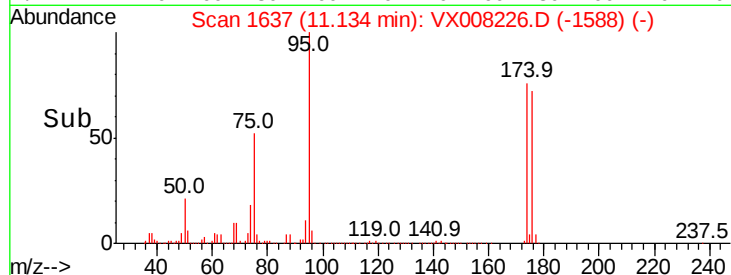
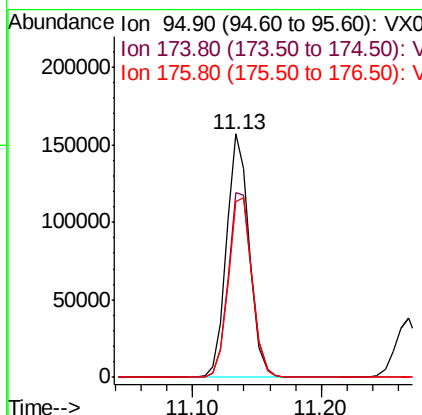
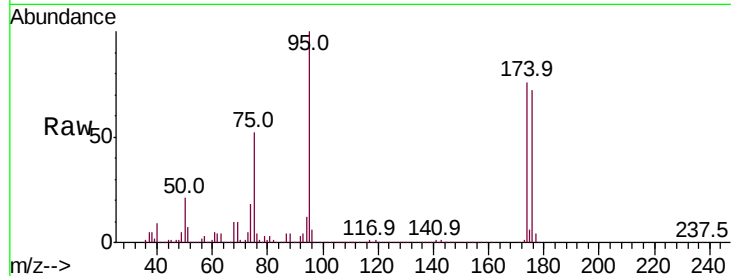
#62
4-Bromofluorobenzene
Concen: 48.884 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	194565		
174	79.5	0.0	182.8	
176	76.7	0.0	178.0	

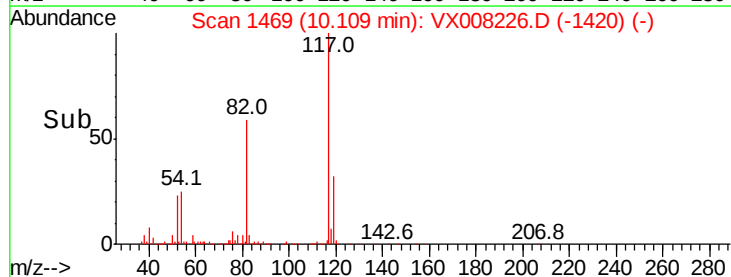
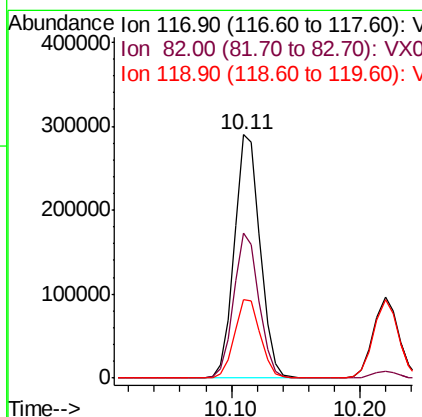
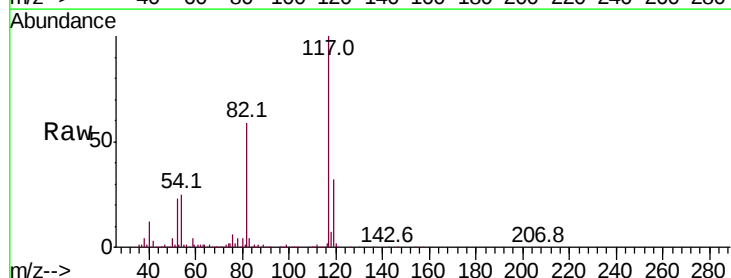
Manual Integrations
APPROVED

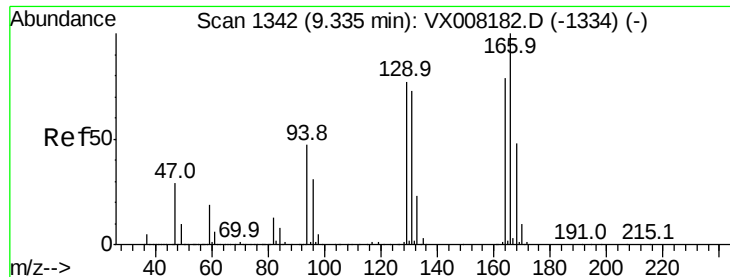
MMDadoda
3/20/2019 10:27:43 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	403741		
82	59.3	44.3	66.5	
119	32.1	25.3	37.9	





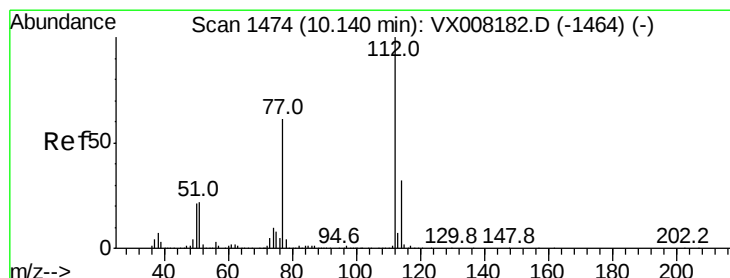
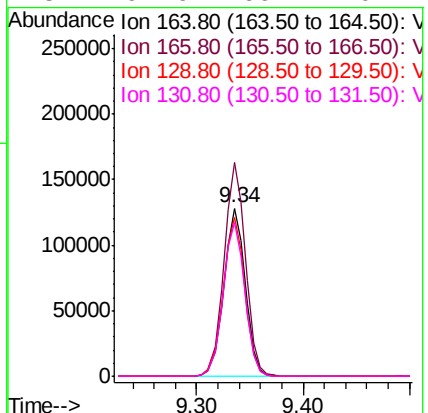
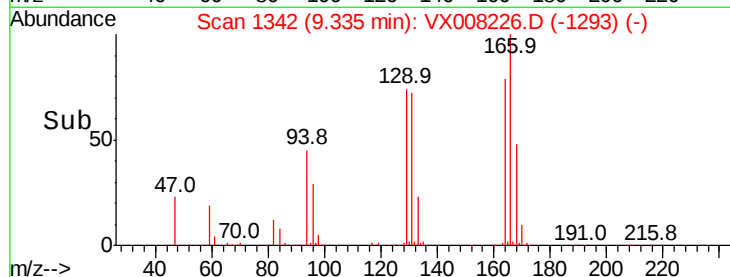
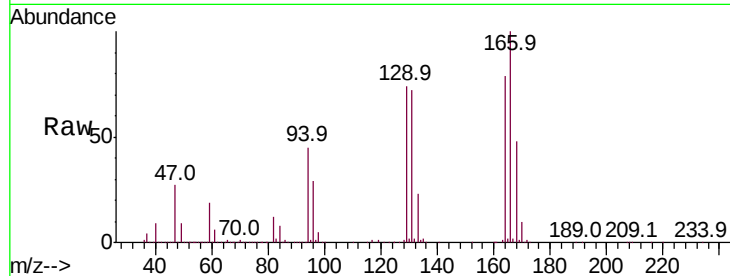
#64
Tetrachloroethene
Concen: 49.494 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.0	103.4	155.0
129	94.1	72.2	108.4
131	91.6	69.4	104.2

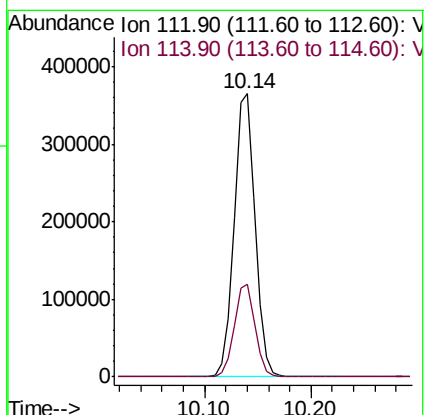
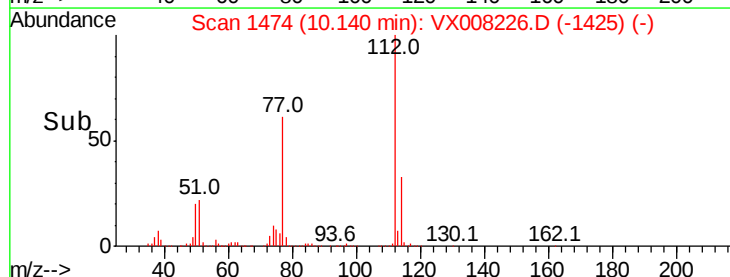
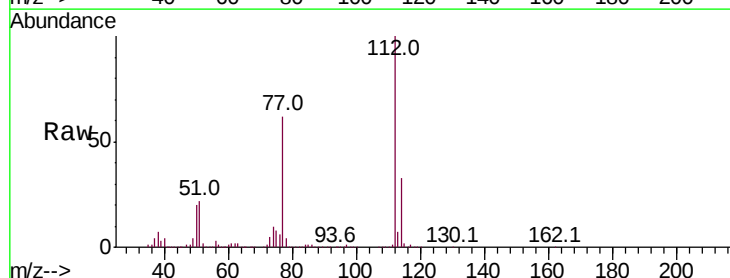
Manual Integrations
APPROVED

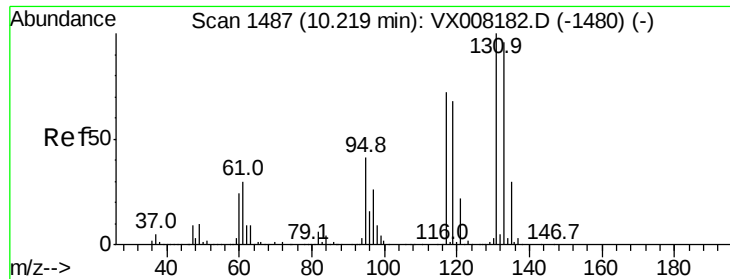
MMDadoda
3/20/2019 10:27:43 AM



#65
Chlorobenzene
Concen: 50.850 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.0	39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 54.478 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

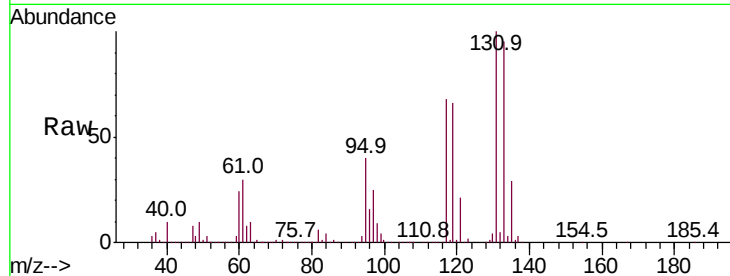
ClientSampleId :

BPS1-TT-MW304D-20190312MS

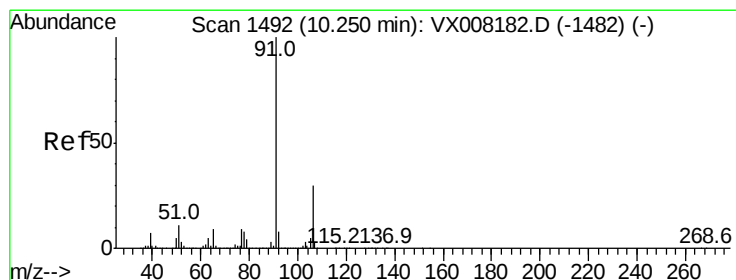
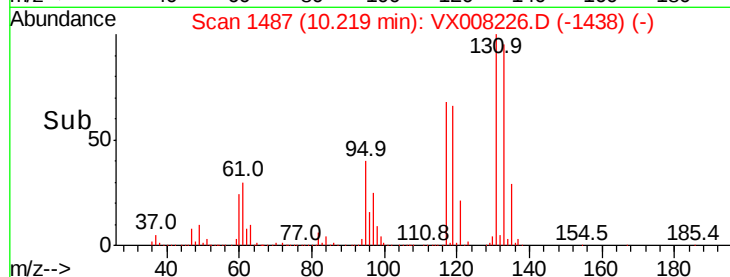
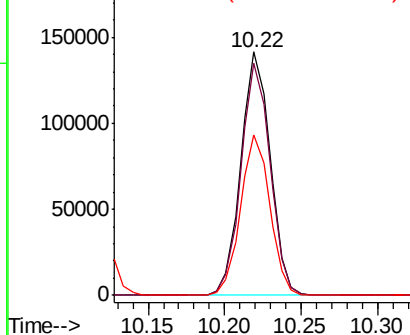
Tot Ion:	131	Resp:	188697
Ion Ratio	Lower	Upper	
131	100		
133	94.6	47.8	143.3
119	65.9	32.5	97.5

Manual Integrations
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Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.160 ug/l

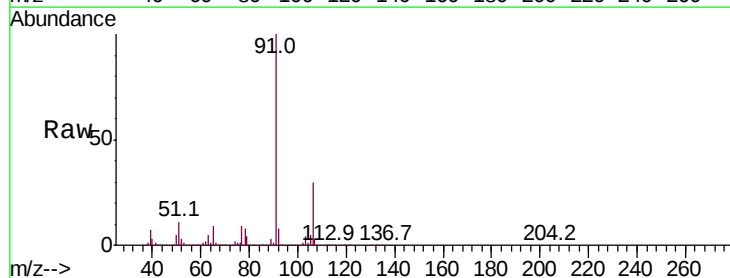
RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

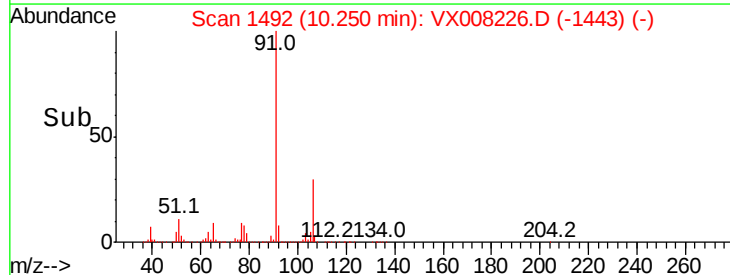
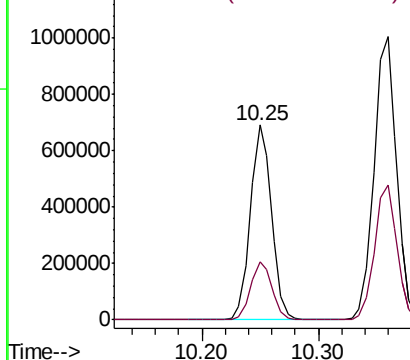
Lab File: VX008226.D

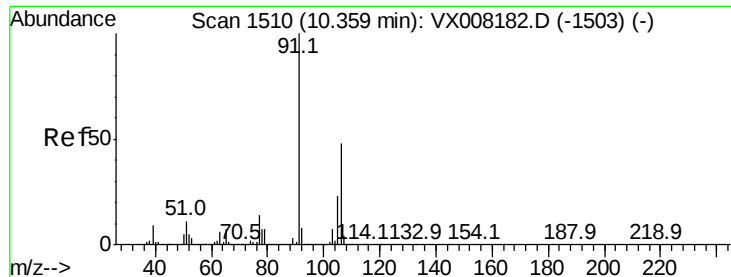
Acq: 20 Mar 2019 06:56

Tgt Ion:	91	Resp:	878119
Ion Ratio	Lower	Upper	
91	100		
106	30.1	25.2	37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





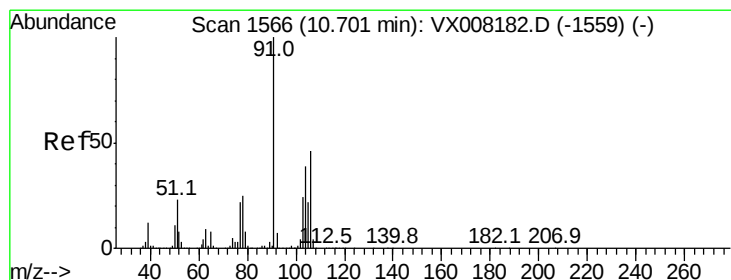
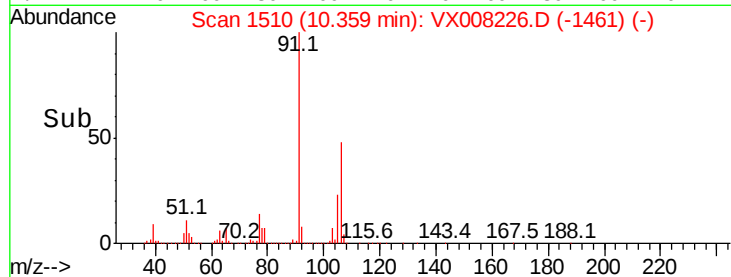
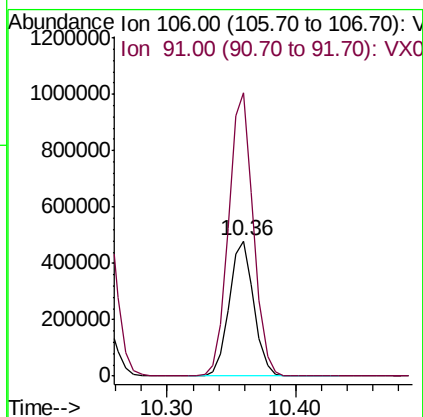
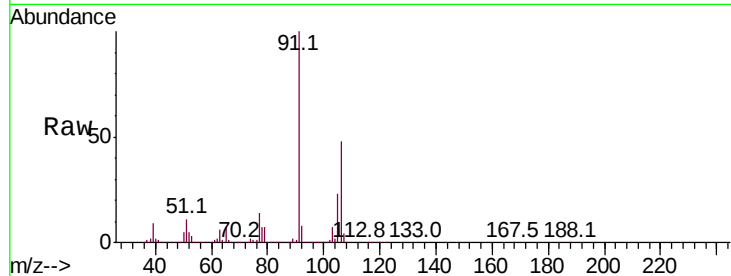
#68
m/p-Xvlenes
Concen: 99.582 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.8	159.8	239.6

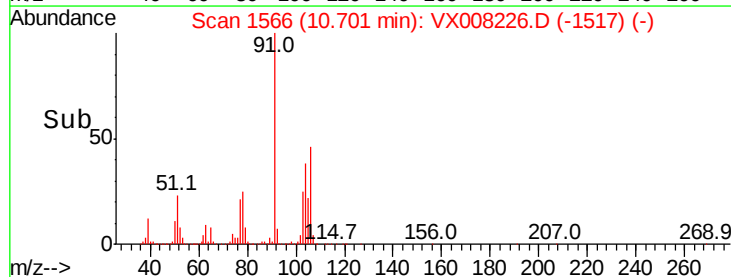
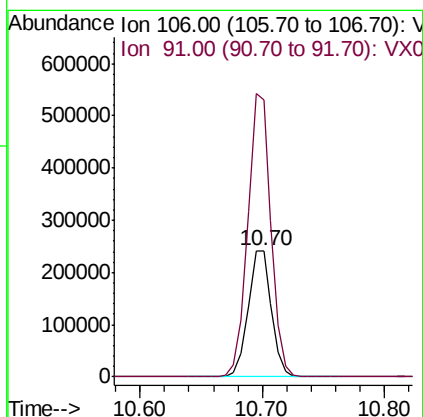
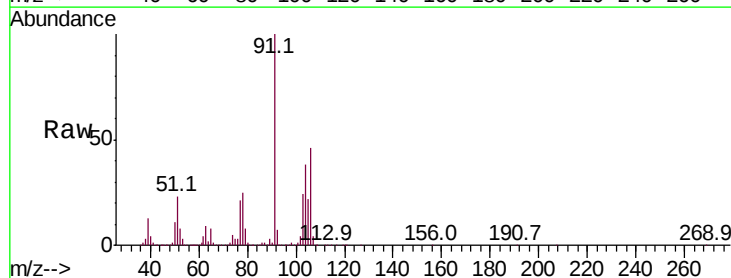
Manual Integrations
APPROVED

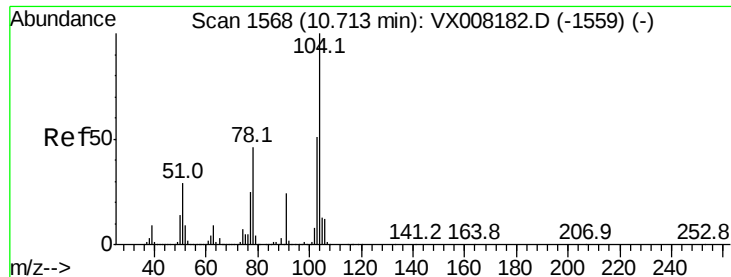
MMDadoda
3/20/2019 10:27:43 AM



#69
o-Xylene
Concen: 51.214 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
106	100		
91	223.1	106.3	318.9





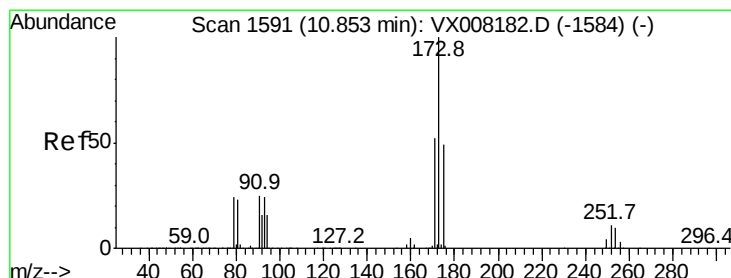
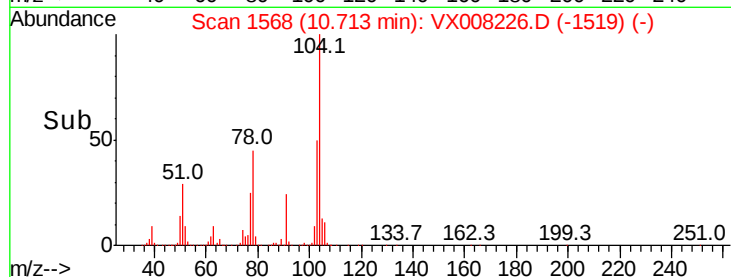
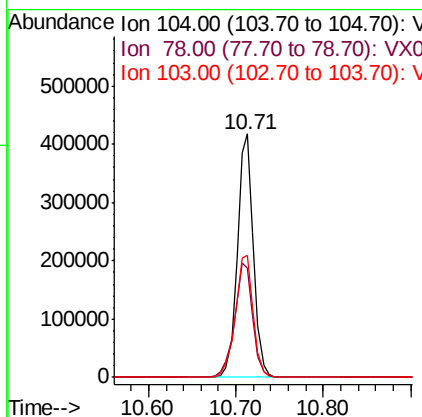
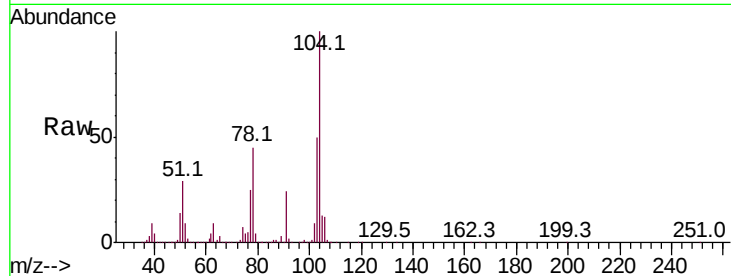
#70
Stvrene
Concen: 52.526 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.0	38.5	57.7
103	56.0	44.1	66.1

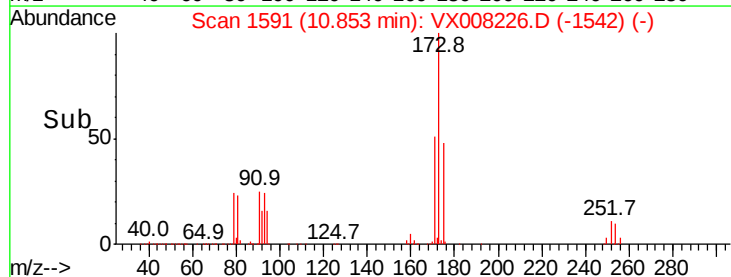
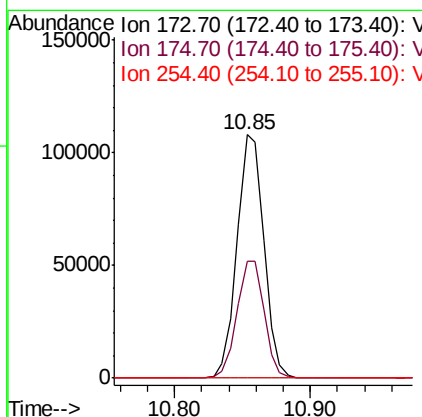
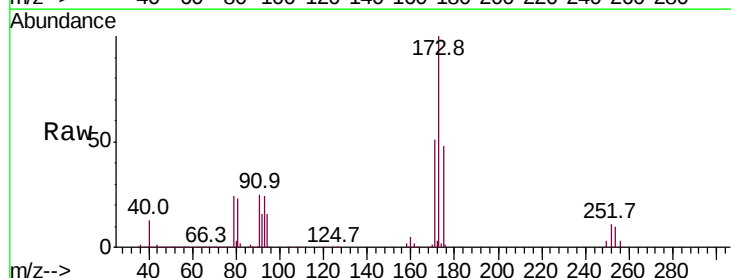
Manual Integrations
APPROVED

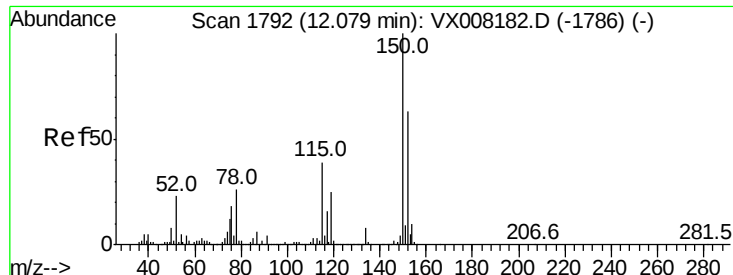
MMDadoda
3/20/2019 10:27:43 AM



#71
Bromoform
Concen: 49.764 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.9
254	0.2	0.1	0.1#





#72

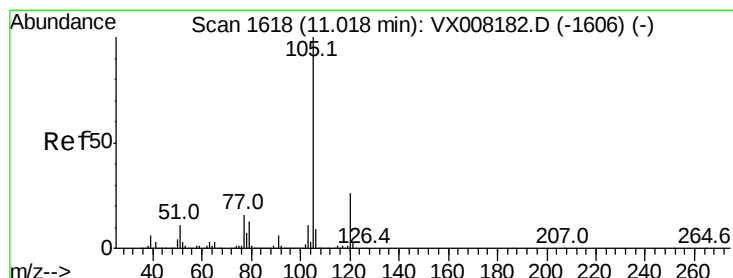
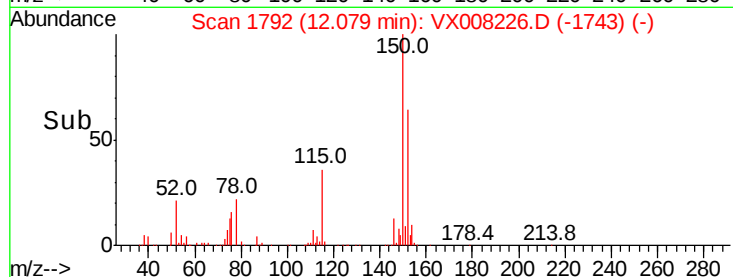
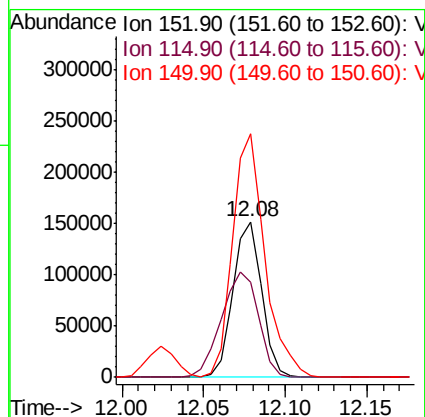
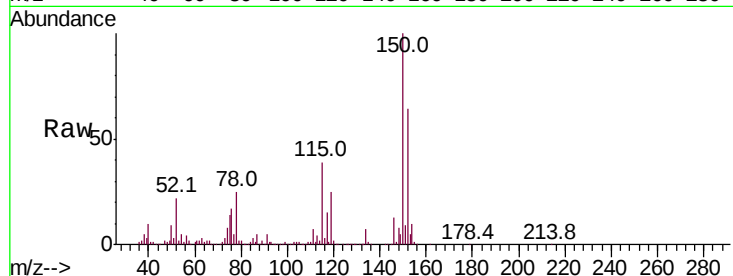
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	87.5	38.6	115.7
150	176.4	0.0	348.4

Manual Integrations
APPROVED

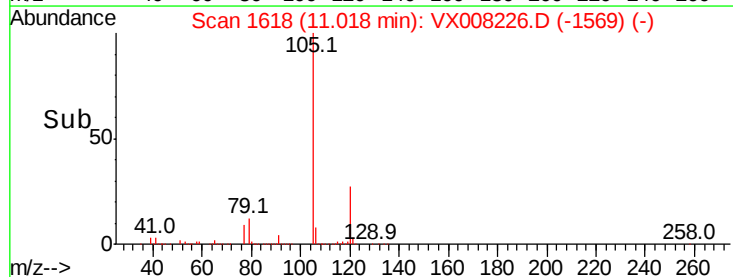
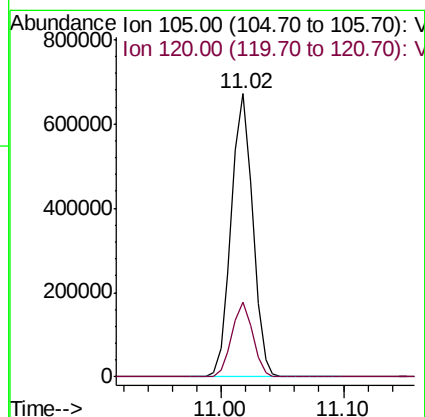
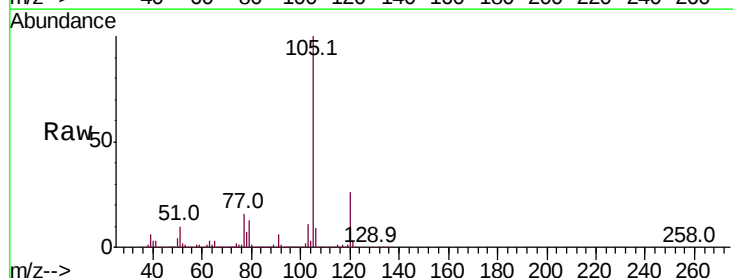
MMDadoda
3/20/2019 10:27:43 AM

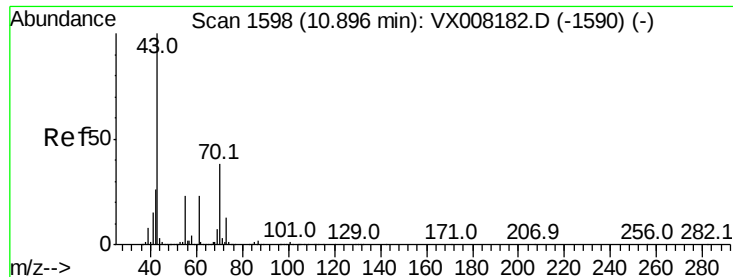


#73

Isopropylbenzene
Concen: 49.347 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.4	40.1





#74

N-amvl acetate

Concen: 43.417 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

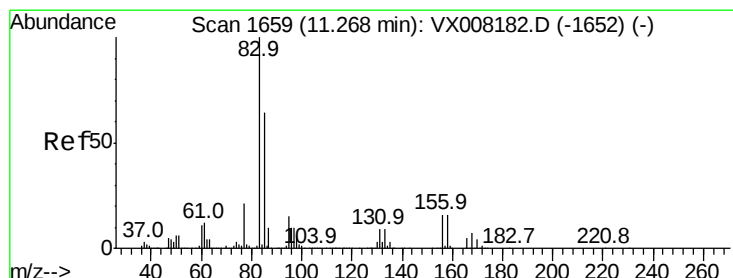
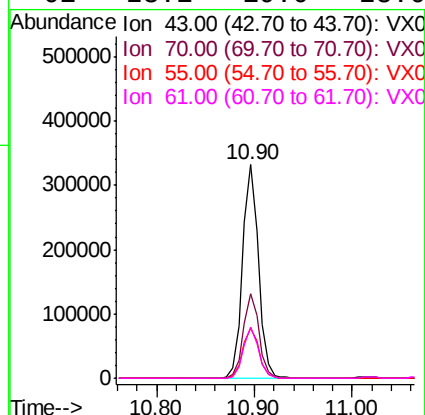
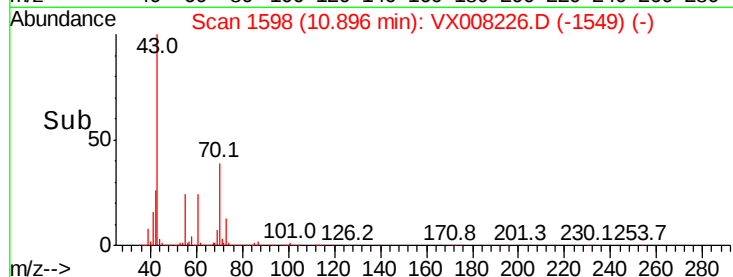
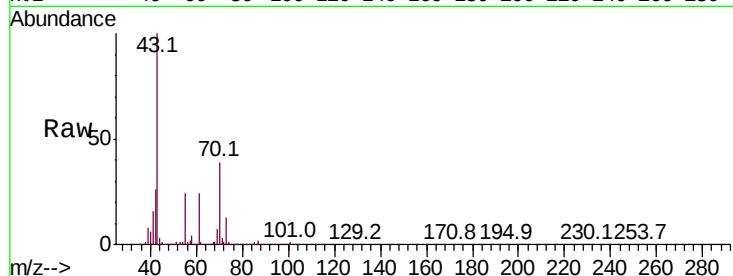
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	39.0	33.5	50.3	
55	24.0	19.2	28.8	
61	23.1	19.0	28.6	

Manual Integrations
APPROVED

MMDadoda
3/20/2019 10:27:43 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 53.324 ug/l

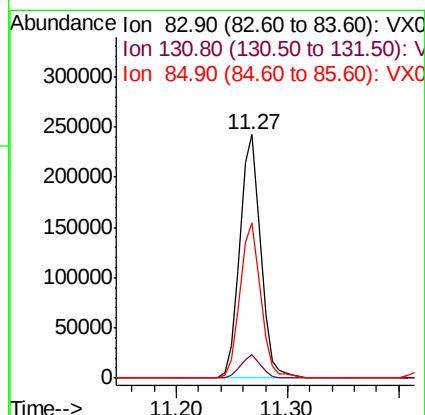
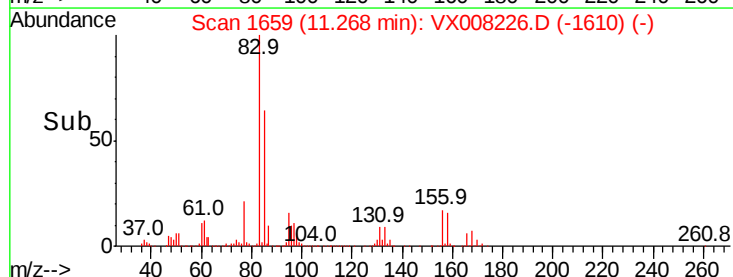
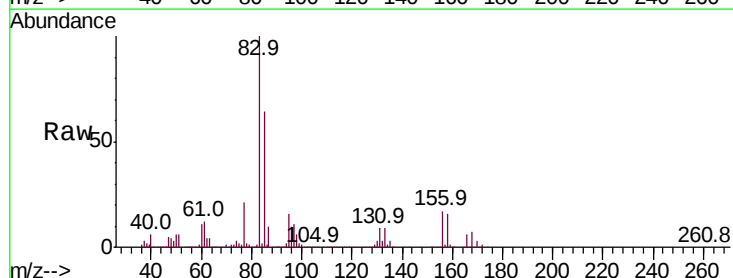
RT: 11.27 min Scan# 1659

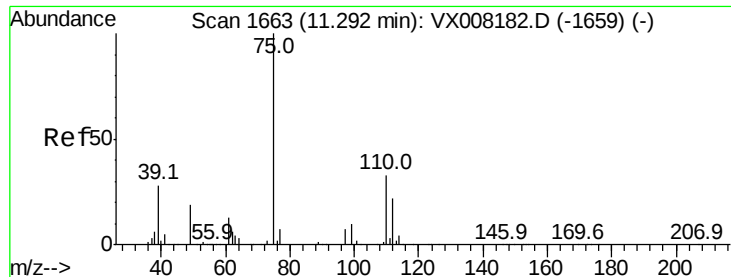
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.1	5.4	16.2	
85	63.7	32.3	96.8	





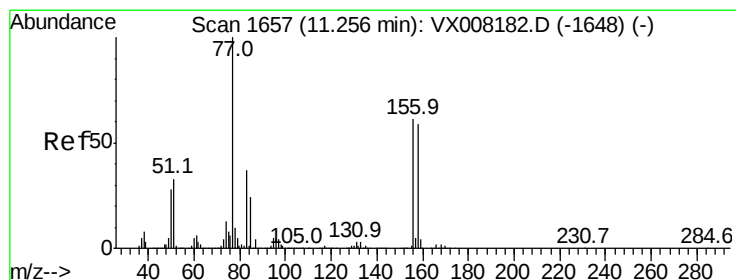
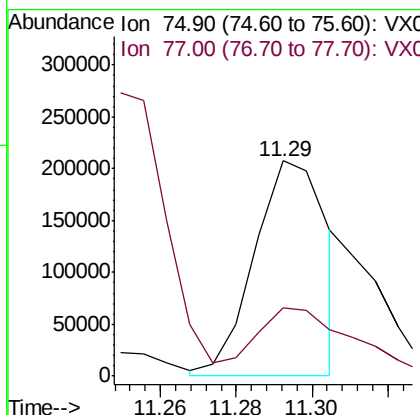
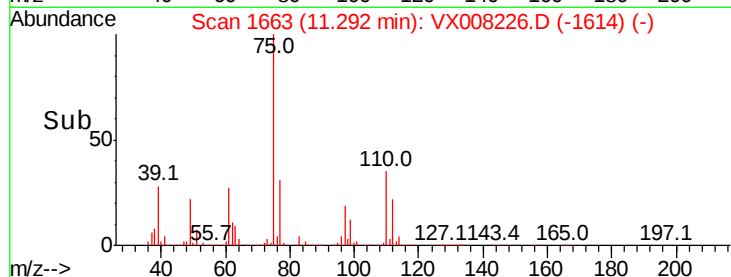
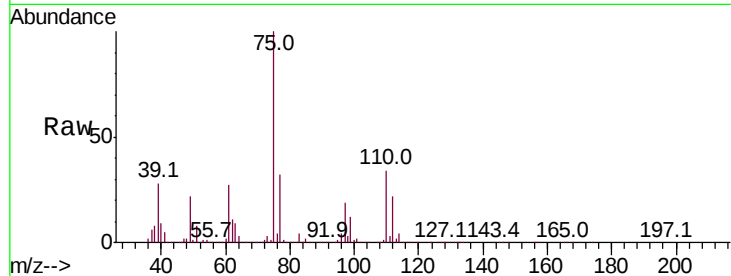
#76
 1,2,3-Trichloropropane
 Concen: 52.407 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20190312MS

Tot Ion: 75 Resp: 272619
 Ion Ratio Lower Upper
 75 100
 77 43.1 18.9 56.7

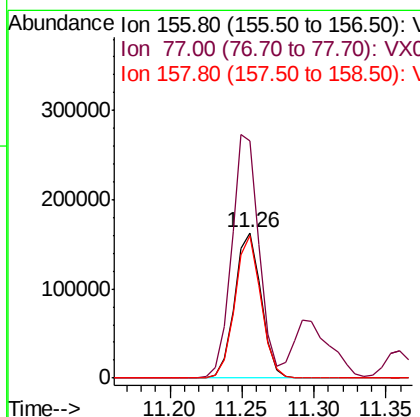
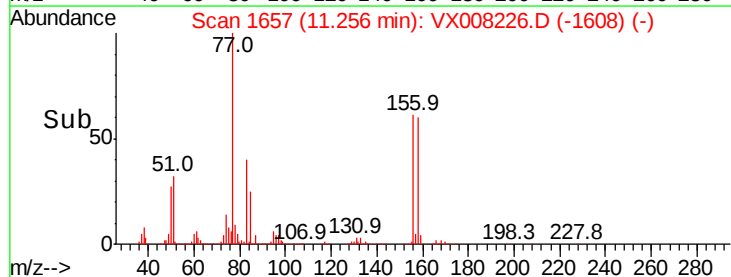
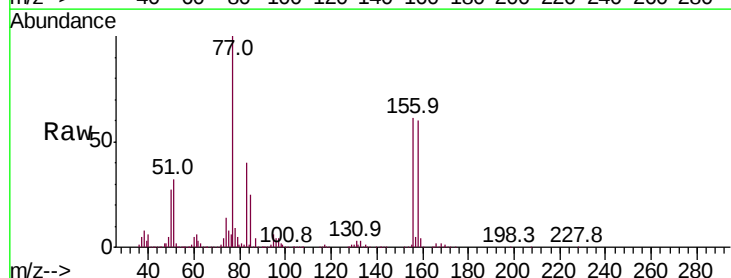
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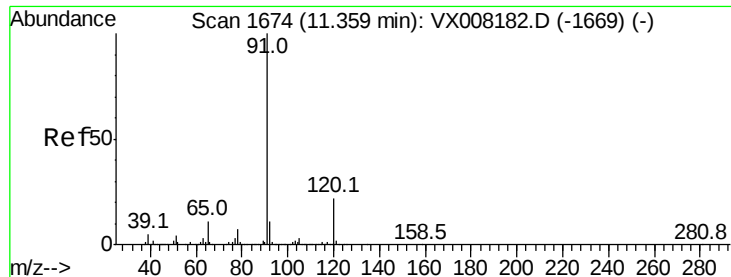
MMDadoda
 3/20/2019 10:27:43 AM



#77
 Bromobenzene
 Concen: 52.542 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion: 156 Resp: 209428
 Ion Ratio Lower Upper
 156 100
 77 172.2 72.0 215.9
 158 96.5 48.6 145.9





#78

n-propylbenzene

Concen: 48.621 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion: 91 Resp: 930957

Ion Ratio Lower Upper

91 100

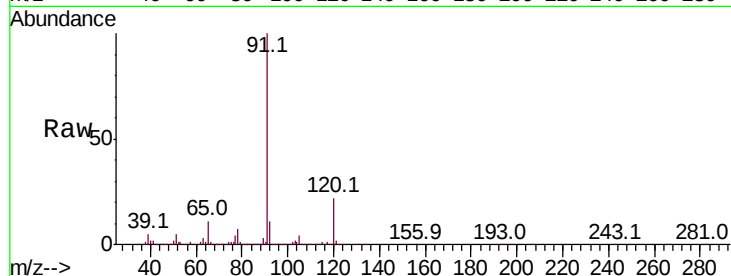
120 21.9 12.0 36.0

Manual Integrations

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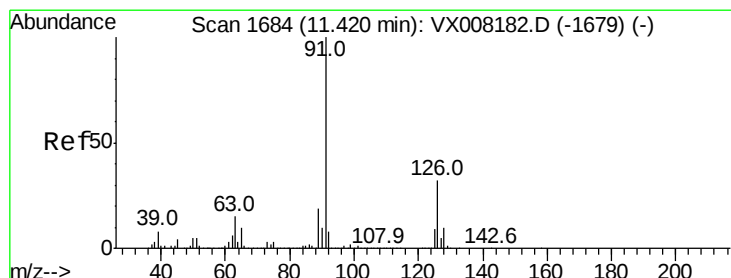
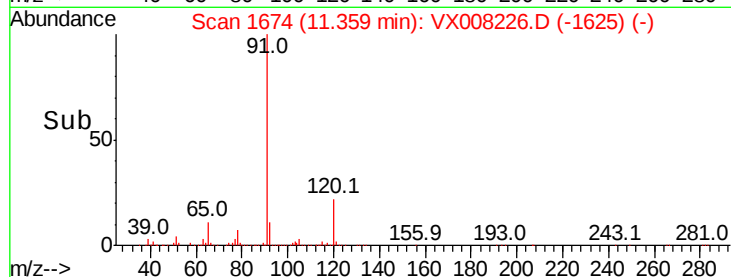
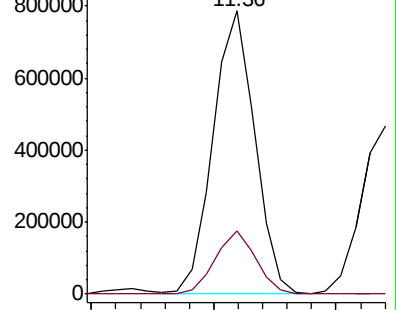
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 50.036 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008226.D

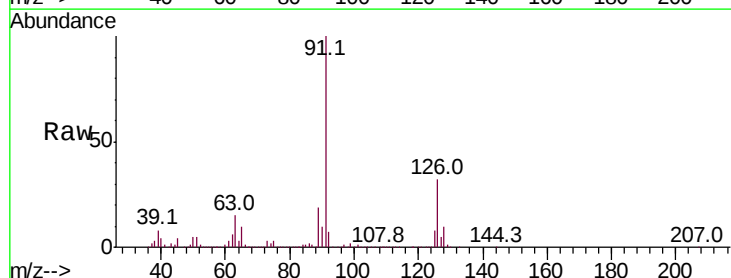
Acq: 20 Mar 2019 06:56

Tgt Ion: 91 Resp: 575029

Ion Ratio Lower Upper

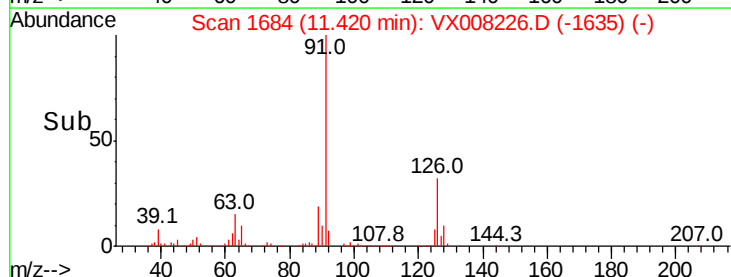
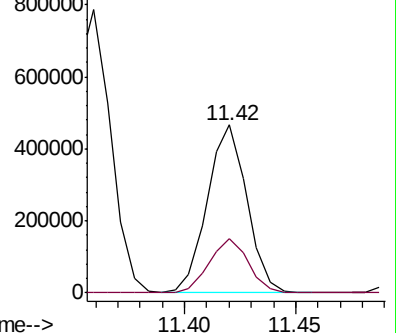
91 100

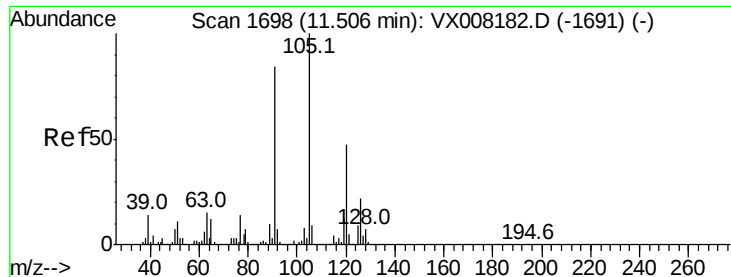
126 32.4 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





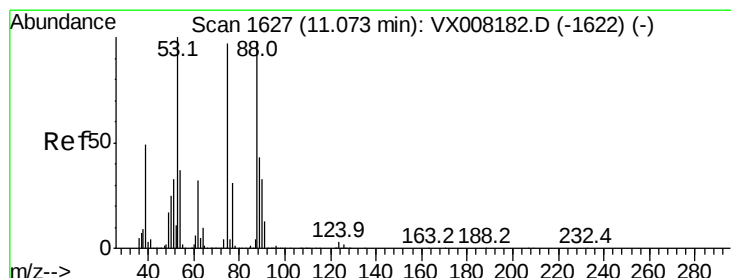
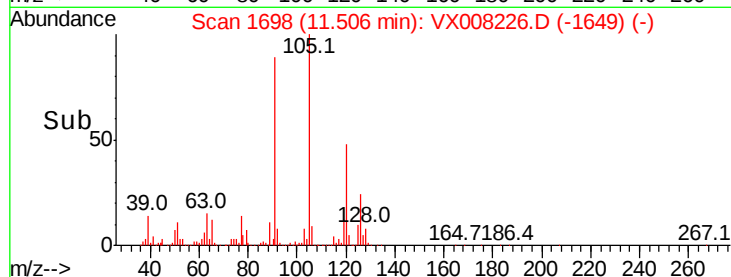
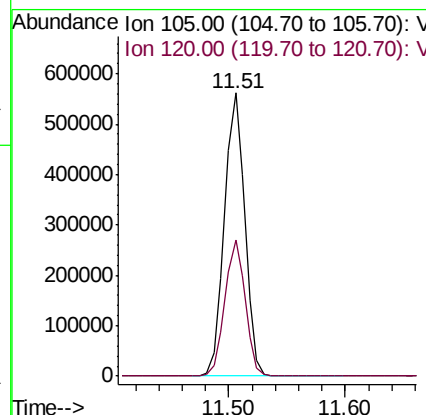
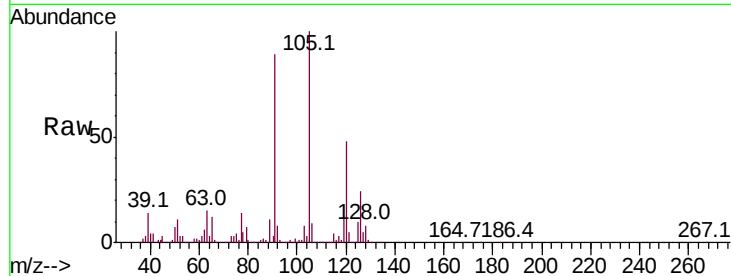
#80
 1,3,5-Trimethylbenzene
 Concen: 49.570 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20190312MS

Tot Ion:105 Resp: 675131
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.9 74.6

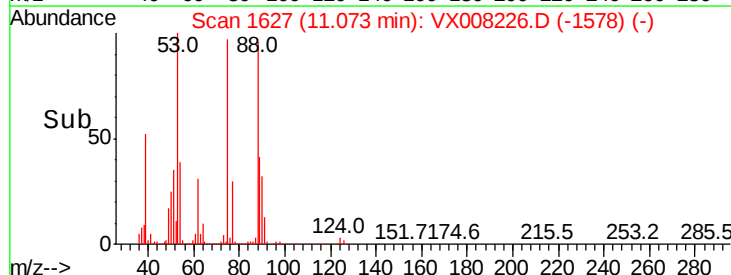
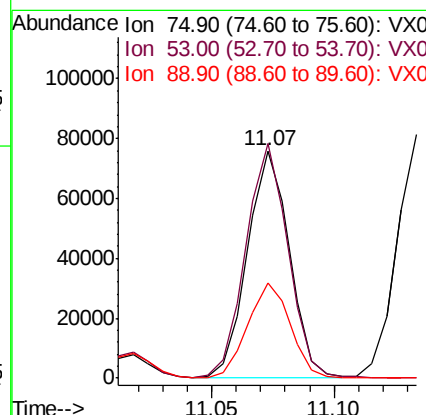
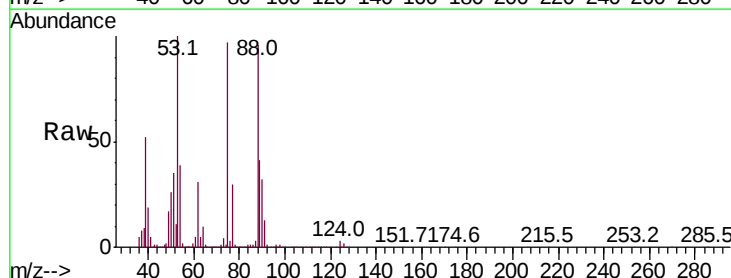
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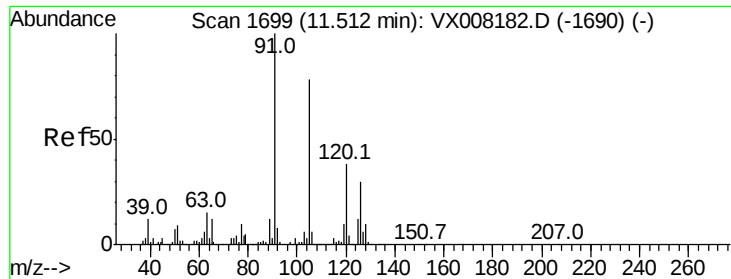
MMDadoda
 3/20/2019 10:27:43 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.413 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion: 75 Resp: 90290
 Ion Ratio Lower Upper
 75 100
 53 103.7 76.1 114.1
 89 43.0 36.3 54.5





#82

4-Chlorotoluene

Concen: 50.022 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion: 91 Resp: 668959

Ion Ratio Lower Upper

91 100

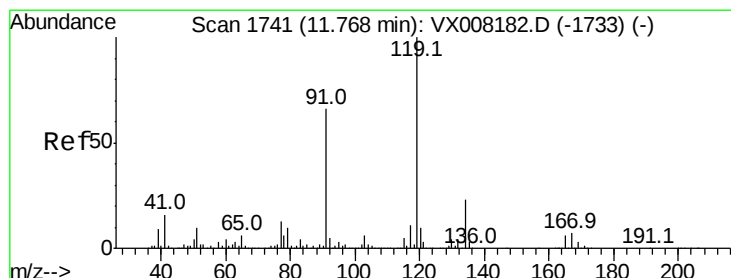
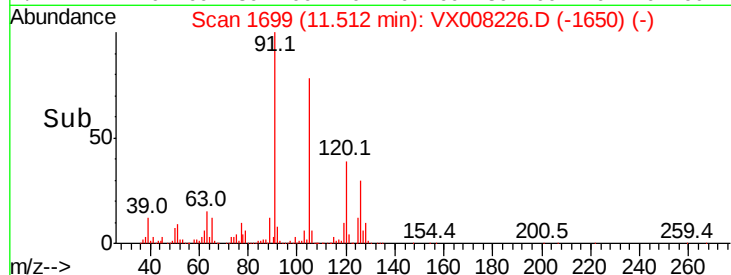
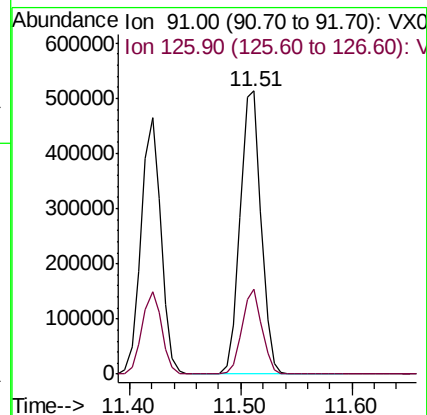
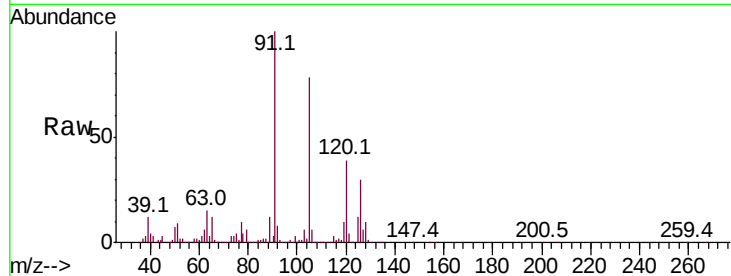
126 28.3 15.6 46.8

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#83

tert-Butylbenzene

Concen: 48.779 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

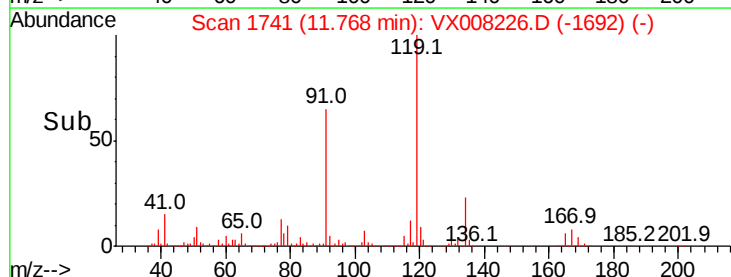
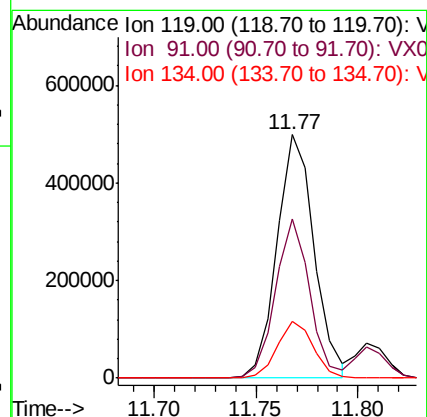
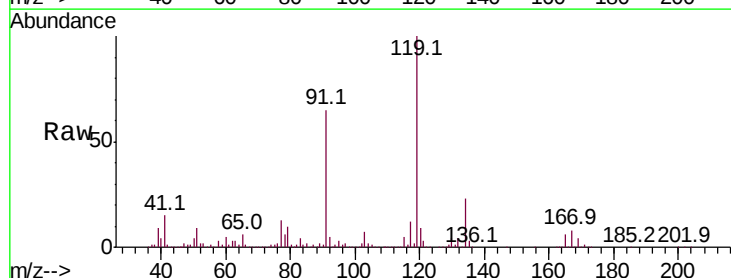
Tgt Ion: 119 Resp: 634281

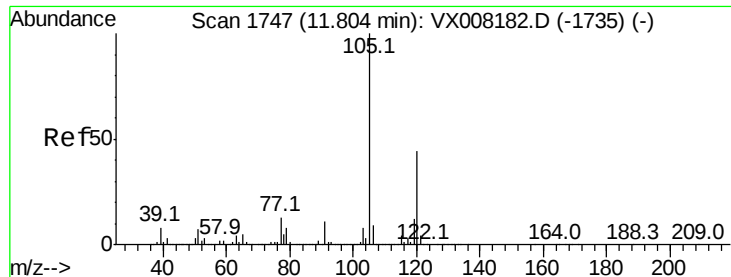
Ion Ratio Lower Upper

119 100

91 60.4 27.1 81.3

134 22.6 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 50.312 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:105 Resp: 694683

Ion Ratio Lower Upper

105 100

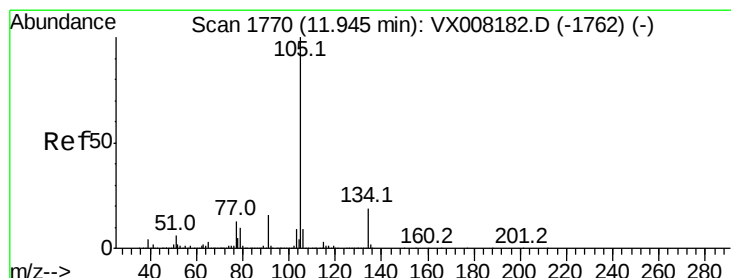
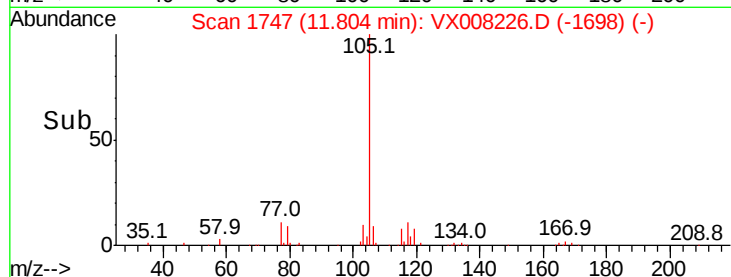
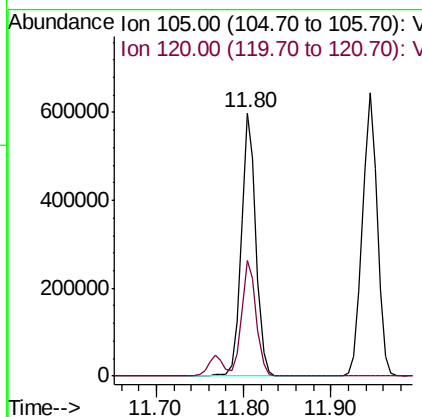
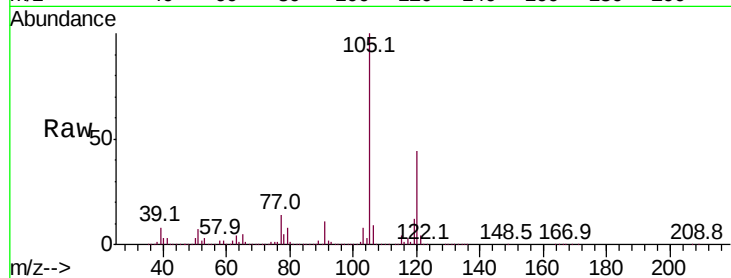
120 43.5 22.6 67.7

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#85

sec-Butylbenzene

Concen: 47.469 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008226.D

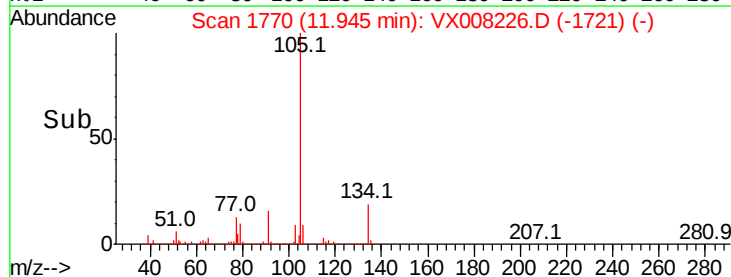
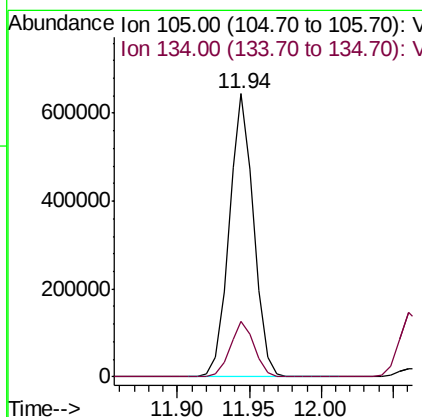
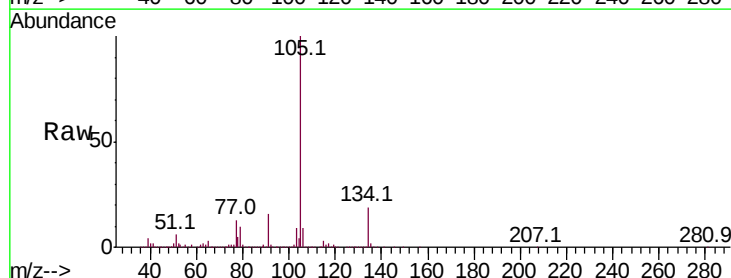
Acq: 20 Mar 2019 06:56

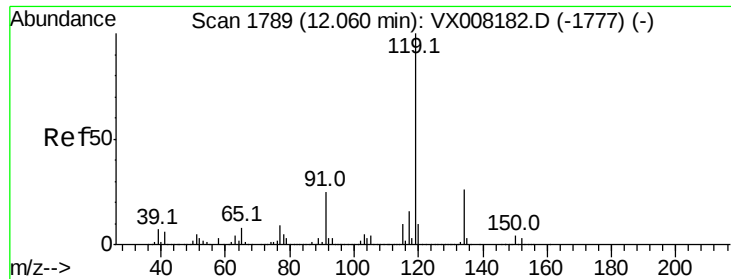
Tgt Ion:105 Resp: 764388

Ion Ratio Lower Upper

105 100

134 19.3 10.4 31.2





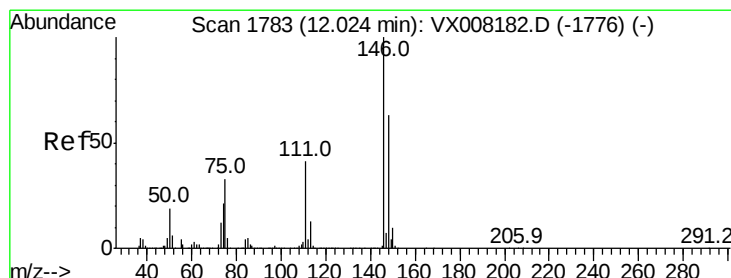
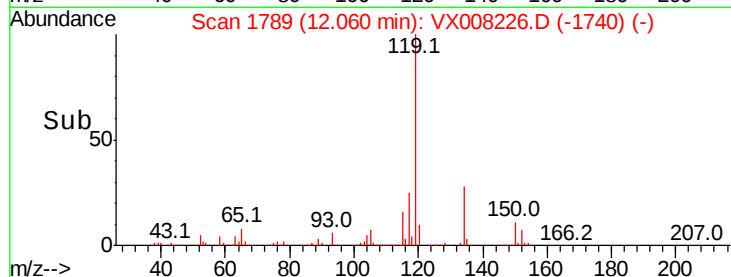
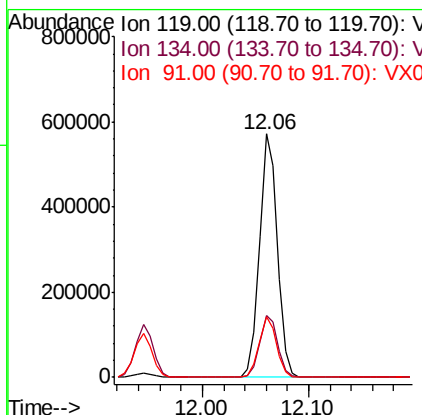
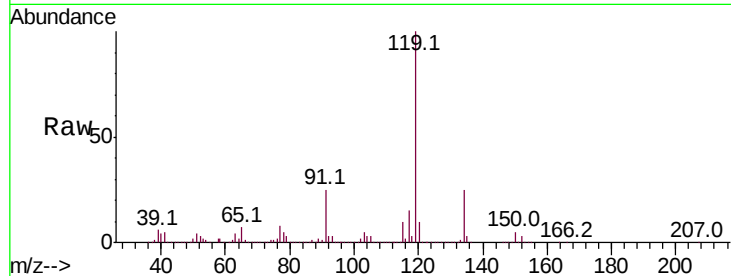
#86
 p-Isopropyltoluene
 Concen: 48.037 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	669578		
134	25.8		13.3	39.9
91	24.3		10.9	32.7

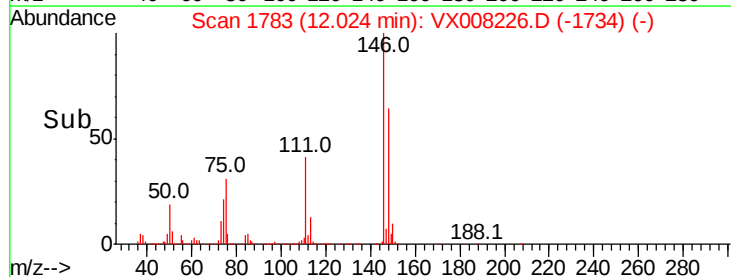
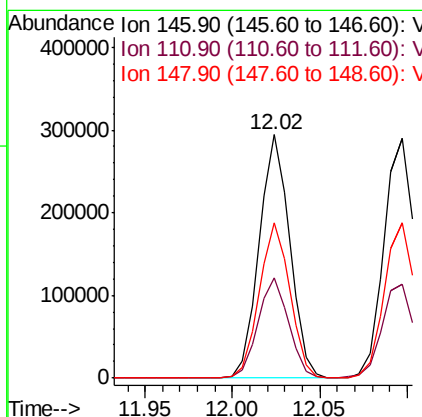
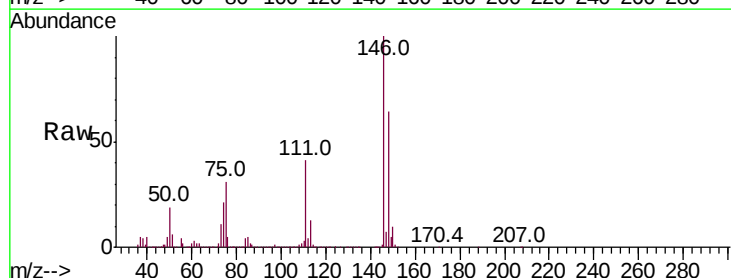
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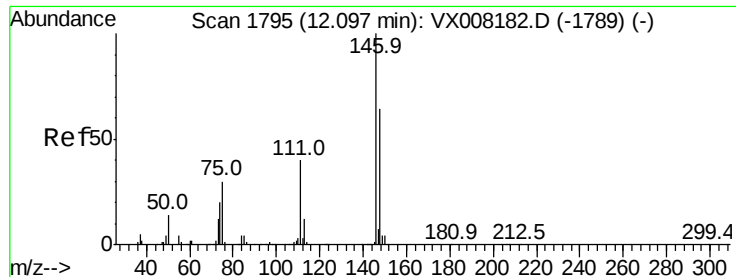
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#87
 1,3-Dichlorobenzene
 Concen: 50.363 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	358752		
111	41.0		18.9	56.7
148	63.9		31.7	95.1





#88

1,4-Dichlorobenzene

Concen: 48.511 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

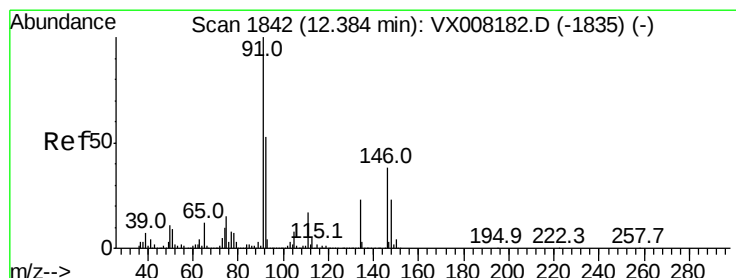
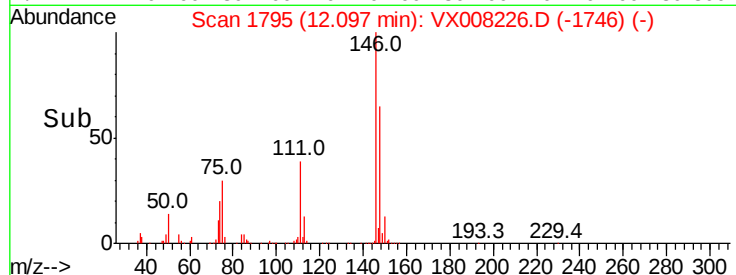
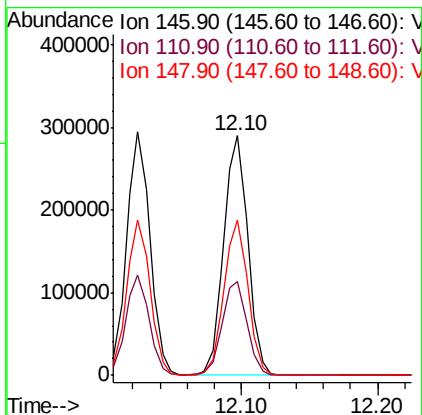
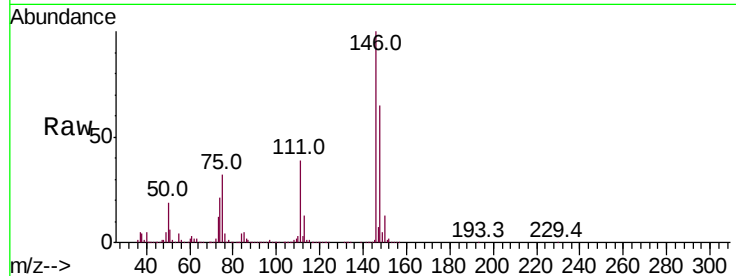
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	146	Resp:	357438
Ion Ratio	Lower	Upper	
146	100		
111	40.2	18.4	55.0
148	64.2	32.2	96.6

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#89

n-Butylbenzene

Concen: 45.524 ug/l

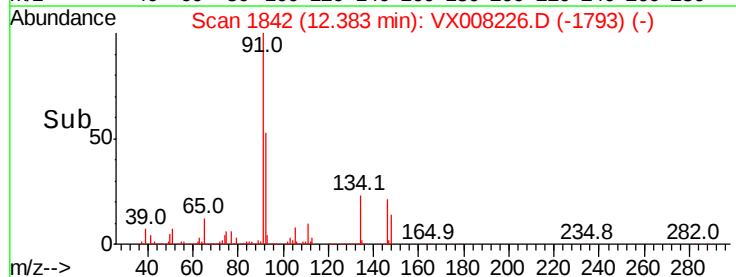
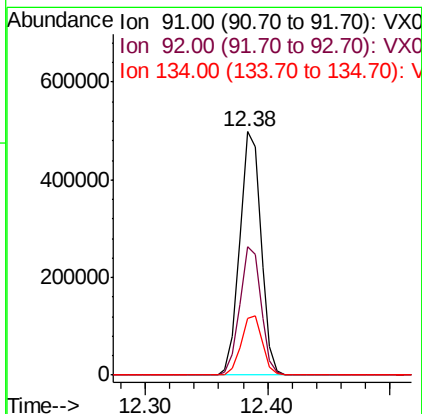
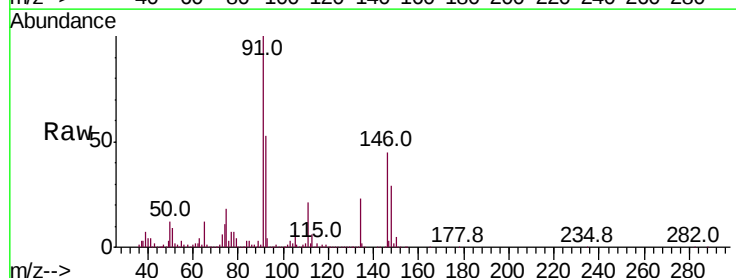
RT: 12.38 min Scan# 1842

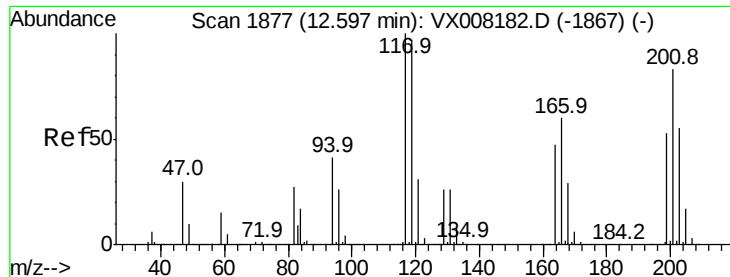
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	91	Resp:	595568
Ion Ratio	Lower	Upper	
91	100		
92	52.7	27.0	80.8
134	24.3	13.7	41.0





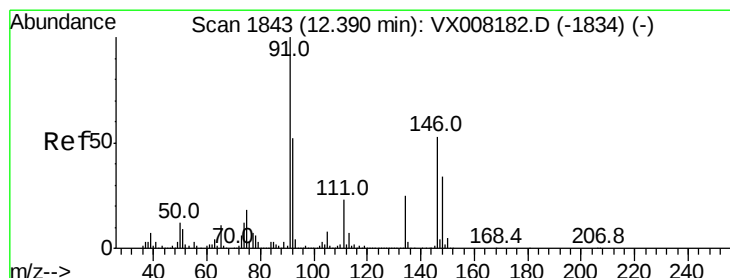
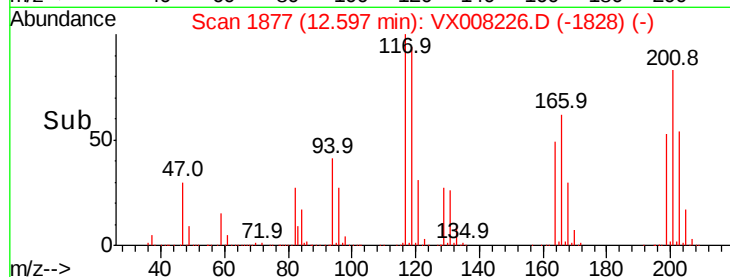
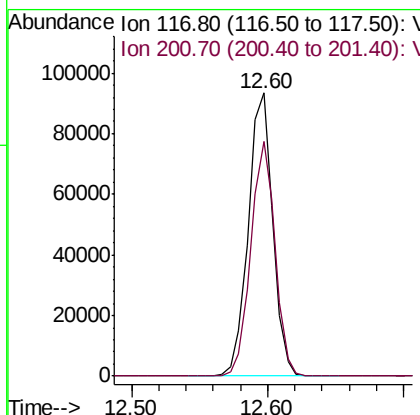
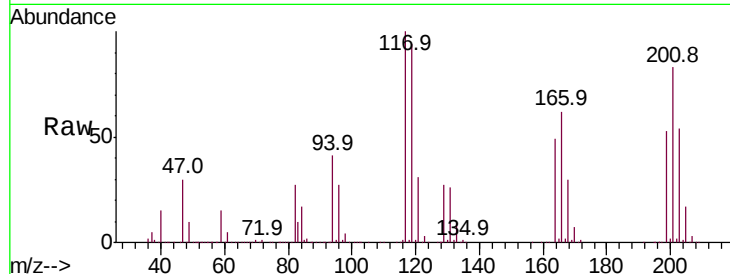
#90
Hexachloroethane
Concen: 49.698 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304D-20190312MS

Tot Ion:117 Resp: 117977
Ion Ratio Lower Upper
117 100
201 82.0 48.9 146.7

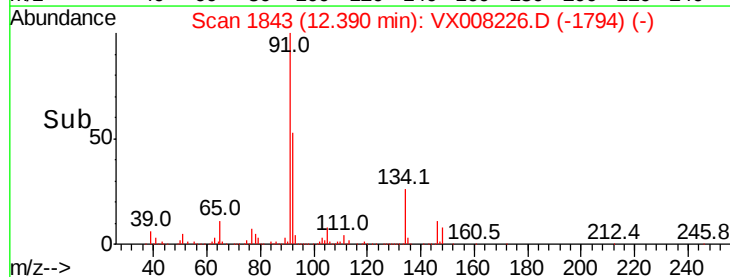
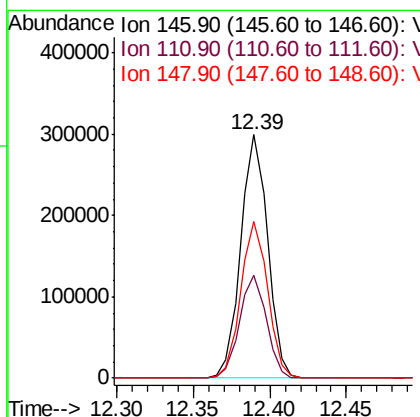
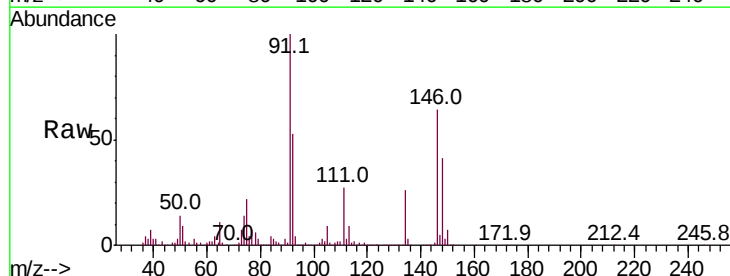
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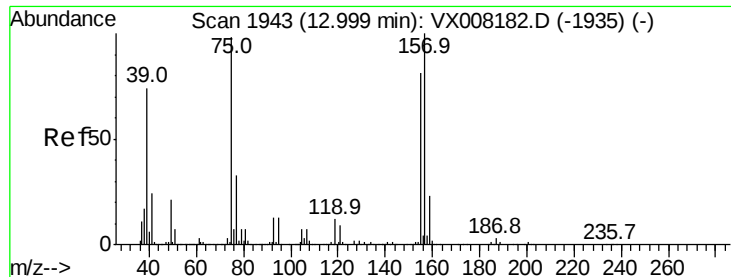
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#91
1,2-Dichlorobenzene
Concen: 50.825 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008226.D
Acq: 20 Mar 2019 06:56

Tgt Ion:146 Resp: 365049
Ion Ratio Lower Upper
146 100
111 42.3 19.6 58.8
148 64.3 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.377 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

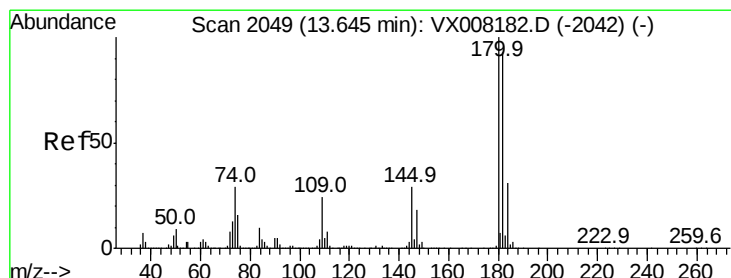
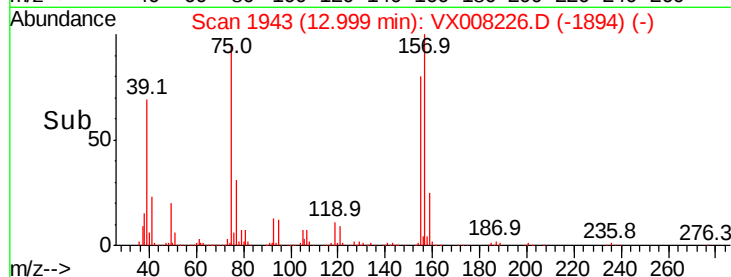
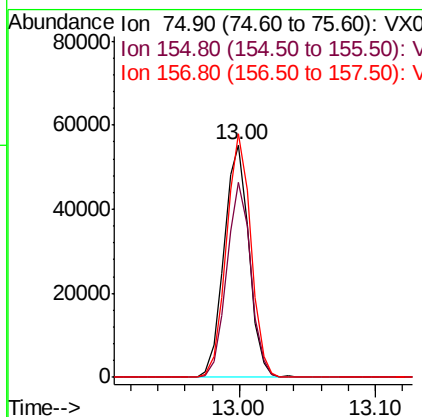
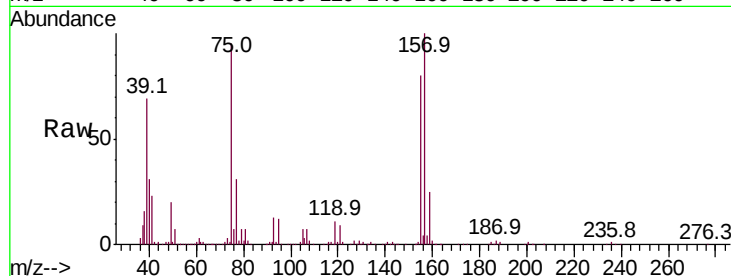
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	75	Resp:	70082
Ion Ratio	Lower	Upper	
75	100		
155	81.3	49.7	149.1
157	103.2	63.8	191.4

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 49.625 ug/l

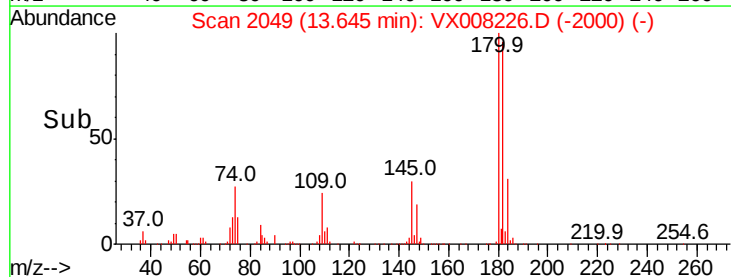
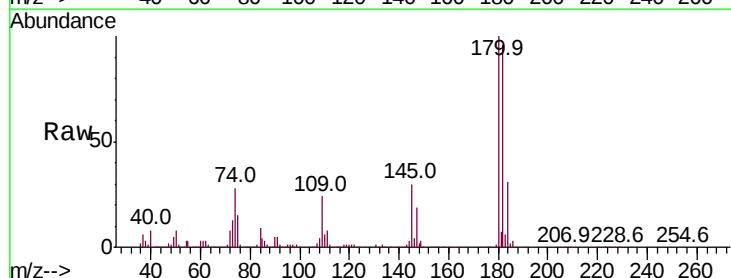
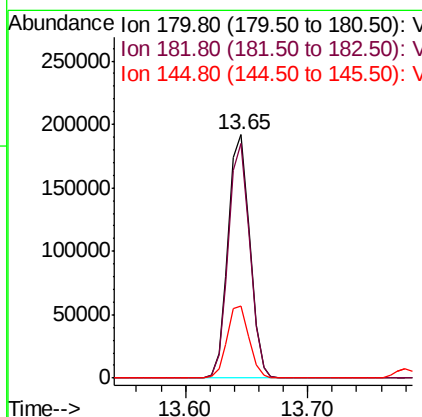
RT: 13.65 min Scan# 2049

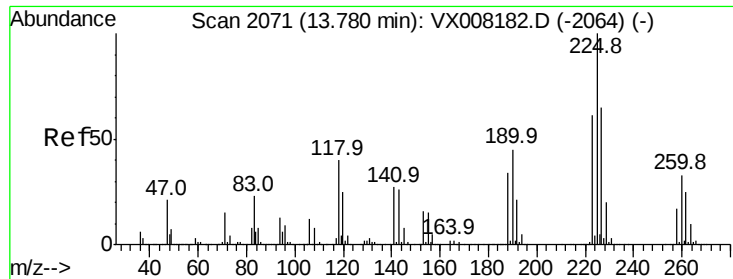
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	180	Resp:	234776
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.9	143.7
145	30.1	14.1	42.4





#94

Hexachlorobutadiene

Concen: 44.557 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Instrument :

MSVOA_X

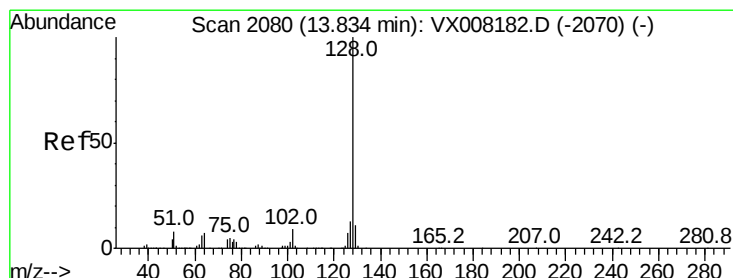
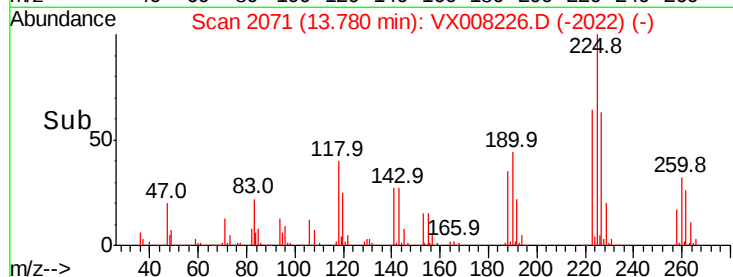
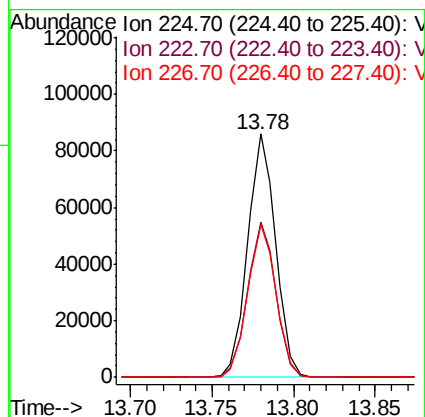
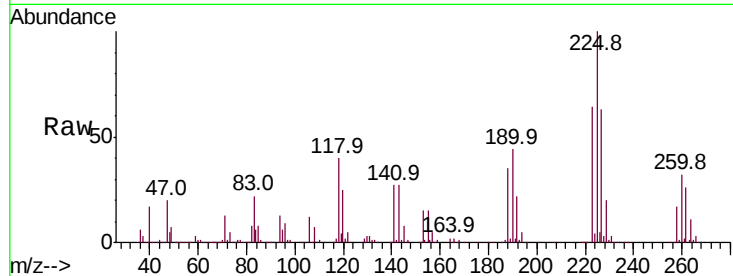
ClientSampleId :

BPS1-TT-MW304D-20190312MS

Tot Ion:	225	Resp:	102808
Ion Ratio	Lower	Upper	
225	100		
223	64.1	31.1	93.2
227	63.7	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
3/20/2019 10:27:43 AM



#95

Naphthalene

Concen: 54.959 ug/l

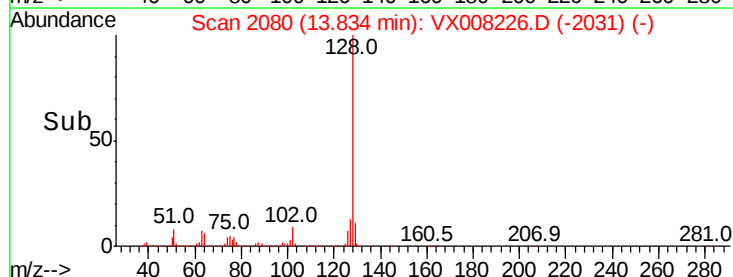
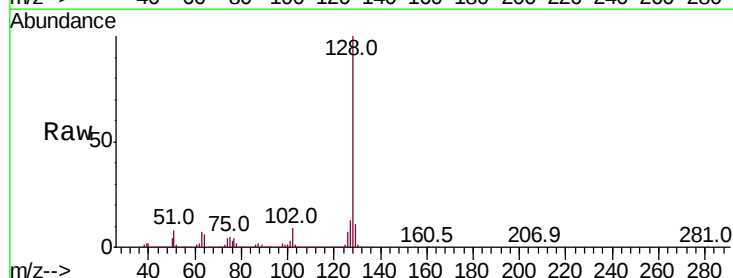
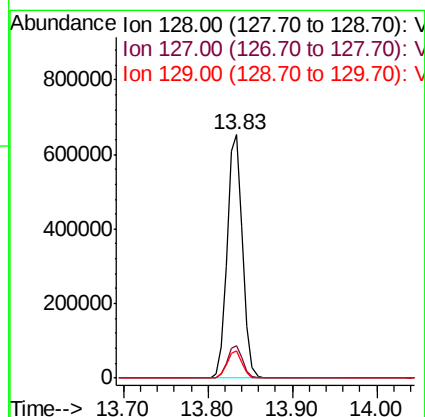
RT: 13.83 min Scan# 2080

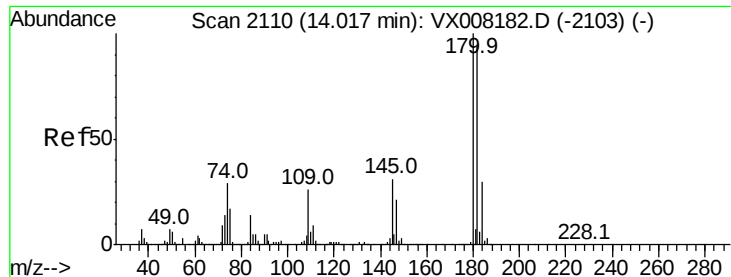
Delta R.T. -0.00 min

Lab File: VX008226.D

Acq: 20 Mar 2019 06:56

Tgt Ion:	128	Resp:	820648
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	11.1	8.7	13.1





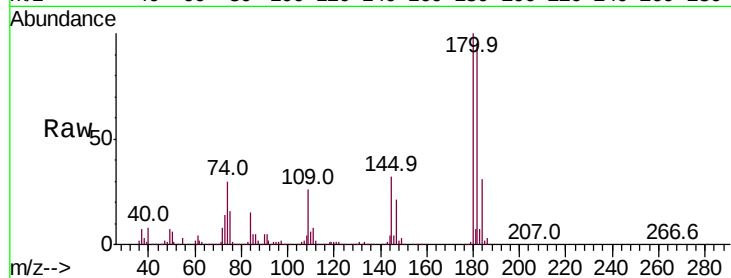
#96
 1,2,3-Trichlorobenzene
 Concen: 51.866 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008226.D
 Acq: 20 Mar 2019 06:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20190312MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.5	142.5	
145	31.3	14.8	44.3	

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:27:43 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

