

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008227.D
 Acq On : 20 Mar 2019 07:21
 Operator : JC/SP
 Sample : K1882-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:27:48 AM

Quant Time: Mar 20 09:19:07 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	290409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197952	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	207641	47.47	ug/l	0.00
Spiked Amount						
			Recovery	=	94.94%	
35) Dibromofluoromethane	5.50	113	156235	47.70	ug/l	0.00
Spiked Amount						
			Recovery	=	95.40%	
50) Toluene-d8	8.71	98	586941	47.27	ug/l	0.00
Spiked Amount						
			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.13	95	207224	48.47	ug/l	0.00
Spiked Amount						
			Recovery	=	96.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	177882	50.521	ug/l	100
3) Chloromethane	1.33	50	204189	46.217	ug/l	98
4) Vinyl Chloride	1.41	62	213597	48.490	ug/l	100
5) Bromomethane	1.64	94	180078	47.992	ug/l	99
6) Chloroethane	1.72	64	131701	47.685	ug/l	100
7) Trichlorofluoromethane	1.93	101	266821	47.464	ug/l	97
8) Diethyl Ether	2.19	74	152851	52.848	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	183537	49.174	ug/l	91
10) Methyl Iodide	2.51	142	254645	53.583	ug/l	97
11) Tert butyl alcohol	3.05	59	243173	259.710	ug/l	100
12) 1,1-Dichloroethene	2.37	96	185558	52.660	ug/l	92
13) Acrolein	2.29	56	127516	190.948	ug/l	100
14) Allyl chloride	2.73	41	386403	50.375	ug/l	94
15) Acrylonitrile	3.15	53	640873	258.772	ug/l	99
16) Acetone	2.45	43	563414	227.122	ug/l	96
17) Carbon Disulfide	2.57	76	561072	48.797	ug/l	100
18) Methyl Acetate	2.78	43	247527	43.101	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	669617	52.558	ug/l	98
20) Methylene Chloride	2.86	84	208518	50.409	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	195707	51.412	ug/l	96
22) Diisopropyl ether	3.86	45	781709	52.034	ug/l	93
23) Vinyl Acetate	3.82	43	2631177	204.285	ug/l	98
24) 1,1-Dichloroethane	3.70	63	406838	52.654	ug/l	99
25) 2-Butanone	4.68	43	923879	252.301	ug/l	99
26) 2,2-Dichloropropane	4.59	77	198761	34.147	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	224460	51.724	ug/l	96
28) Bromochloromethane	5.02	49	162428	46.815	ug/l	83
29) Tetrahydrofuran	5.13	42	615068	268.693	ug/l	97
30) Chloroform	5.21	83	379452	52.501	ug/l	100
31) Cyclohexane	5.58	56	375542	51.759	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	318327	52.946	ug/l	96
36) 1,1-Dichloropropene	5.81	75	291400	51.157	ug/l	96
37) Ethyl Acetate	4.84	43	281903	41.866	ug/l	99
38) Carbon Tetrachloride	5.79	117	265188	52.251	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	334982	48.869	ug/l	93
40) Benzene	6.15	78	876797	52.006	ug/l	99
41) Methacrylonitrile	5.05	41	201840	53.439	ug/l	97
42) 1,2-Dichloroethane	6.20	62	314742	50.961	ug/l	96
43) Isopropyl Acetate	6.45	43	498085	46.149	ug/l	97
44) Trichloroethene	7.21	130	212919	51.650	ug/l	92
45) 1,2-Dichloropropane	7.51	63	241724	51.217	ug/l	99
46) Dibromomethane	7.66	93	144781	50.666	ug/l	88
47) Bromodichloromethane	7.90	83	286583	52.624	ug/l	99
48) Methyl methacrylate	7.77	41	299095	52.118	ug/l	93
49) 1,4-Dioxane	7.74	88	103681	1023.803	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	1829346	262.175	ug/l	98
52) Toluene	8.79	92	513541	51.343	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	307662	45.250	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	334820	49.539	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	212709	52.636	ug/l	98
56) Ethyl methacrylate	9.18	69	347157	48.986	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	372495	52.105	ug/l	100
59) 2-Hexanone	9.49	43	1380445	256.976	ug/l	96
60) Dibromochloromethane	9.59	129	210537	54.210	ug/l	99
61) 1,2-Dibromoethane	9.67	107	220673	52.297	ug/l	98
64) Tetrachloroethene	9.34	164	198531	51.274	ug/l	95
65) Chlorobenzene	10.14	112	538525	50.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	197436	53.623	ug/l	99
67) Ethyl Benzene	10.25	91	969218	52.082	ug/l	98
68) m/p-Xylenes	10.36	106	713403	104.360	ug/l	94
69) o-Xylene	10.70	106	347632	52.334	ug/l	95
70) Styrene	10.71	104	576246	53.380	ug/l	96
71) Bromoform	10.85	173	153799	48.547	ug/l #	100
73) Isopropylbenzene	11.02	105	924907	52.419	ug/l	98
74) N-amyl acetate	10.90	43	376799	40.759	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	321605	50.831	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	277873m	49.909	ug/l	
77) Bromobenzene	11.26	156	222079	52.056	ug/l	86
78) n-propylbenzene	11.36	91	1075687	52.489	ug/l	96
79) 2-Chlorotoluene	11.42	91	630220	51.236	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	761766	52.257	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	92012	42.356	ug/l	94
82) 4-Chlorotoluene	11.51	91	738188	51.573	ug/l	95
83) tert-Butylbenzene	11.77	119	726105	52.173	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	779945	52.777	ug/l	97
85) sec-Butylbenzene	11.94	105	904748	52.495	ug/l	96
86) p-Isopropyltoluene	12.06	119	773233	51.830	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	389670	51.110	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	391863	49.690	ug/l	98
89) n-Butylbenzene	12.38	91	703864	50.268	ug/l	97
90) Hexachloroethane	12.60	117	135057	53.156	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	393364	51.170	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72511	51.599	ug/l	80
93) 1,2,4-Trichlorobenzene	13.65	180	256252	50.607	ug/l	99

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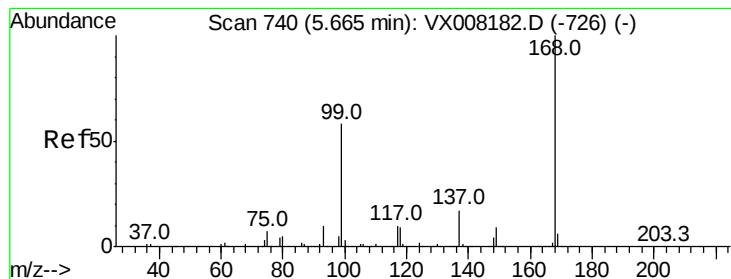
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	121014	49.002	ug/l	99
95) Naphthalene	13.83	128	858746	53.733	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260963	52.377	ug/l	99

(#) = 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: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:168 Resp: 290409

Ion Ratio Lower Upper

168 100

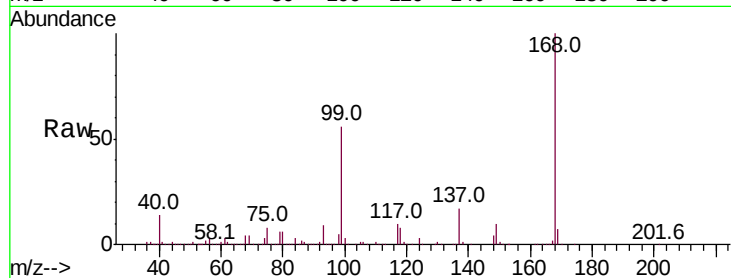
99 55.9 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

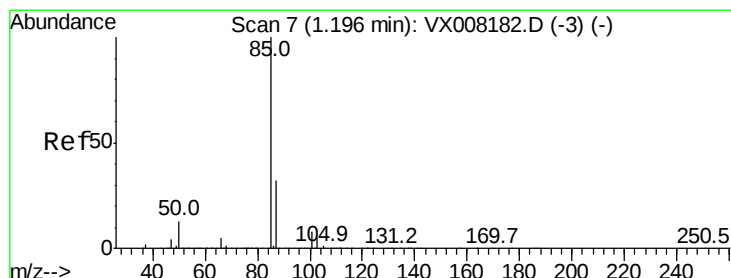
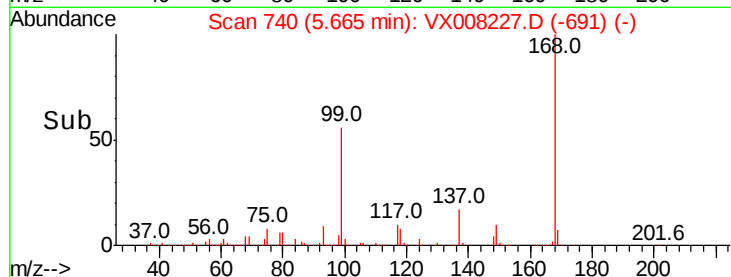
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.521 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008227.D

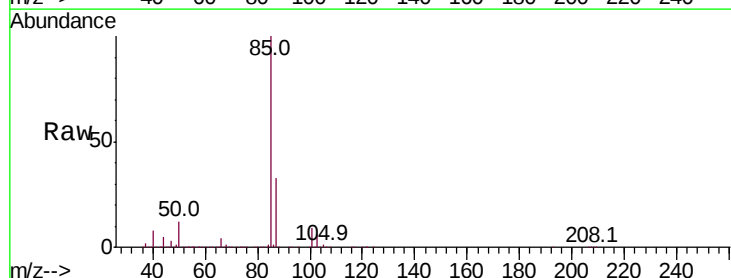
Acq: 20 Mar 2019 07:21

Tgt Ion: 85 Resp: 177882

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

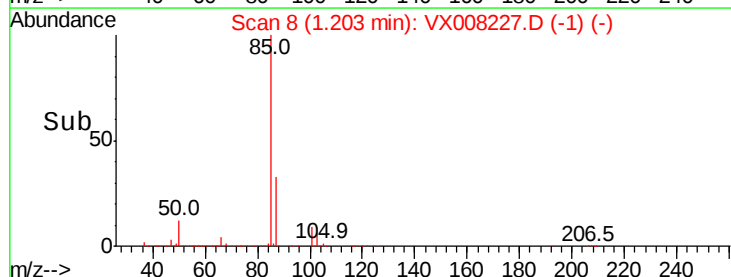
1.15

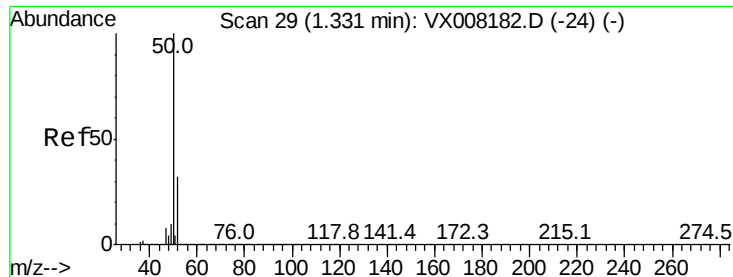
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 46.217 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 50 Resp: 204189

Ion Ratio Lower Upper

50 100

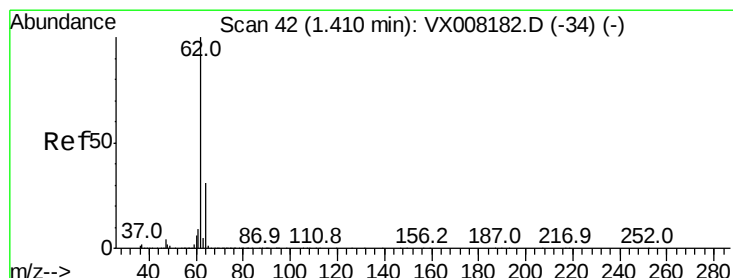
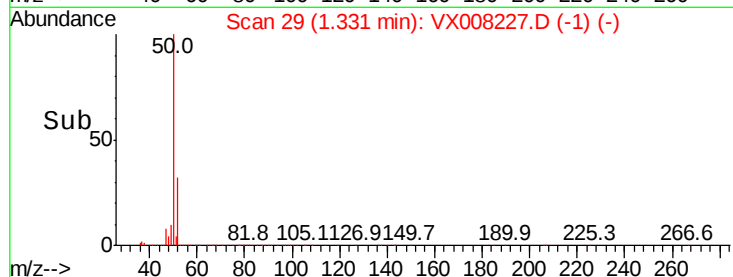
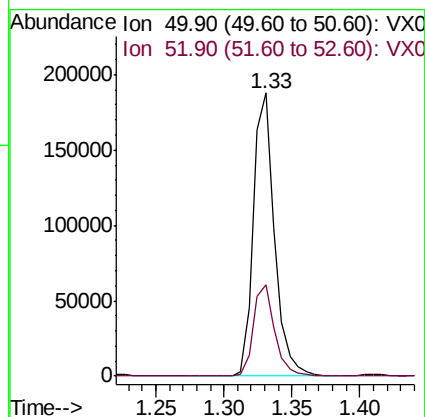
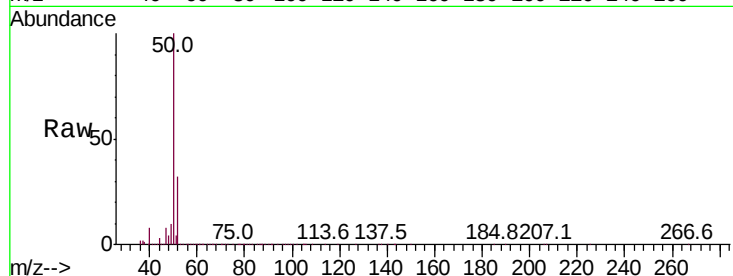
52 32.2 26.5 39.7

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#4

Vinyl Chloride

Concen: 48.490 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008227.D

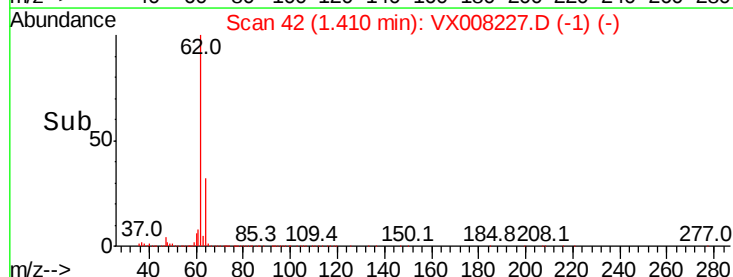
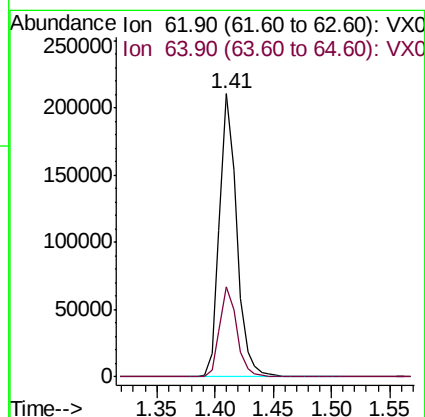
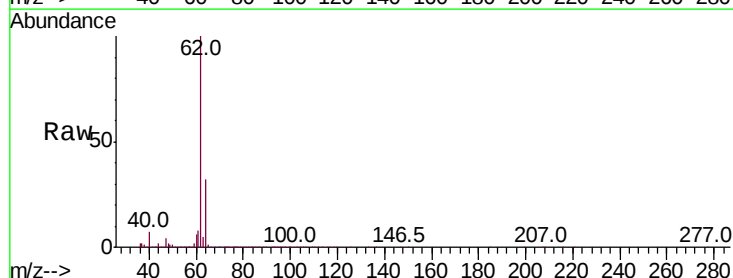
Acq: 20 Mar 2019 07:21

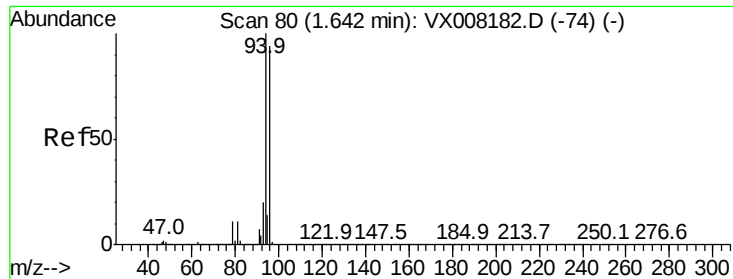
Tgt Ion: 62 Resp: 213597

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 47.992 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

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Tot Ion: 94 Resp: 180078

Ion Ratio Lower Upper

94 100

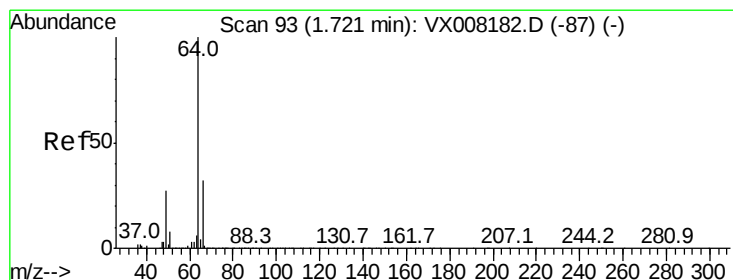
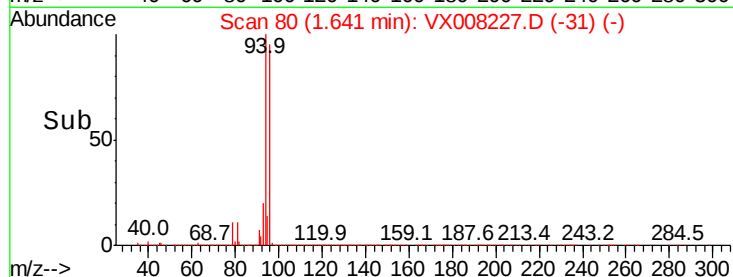
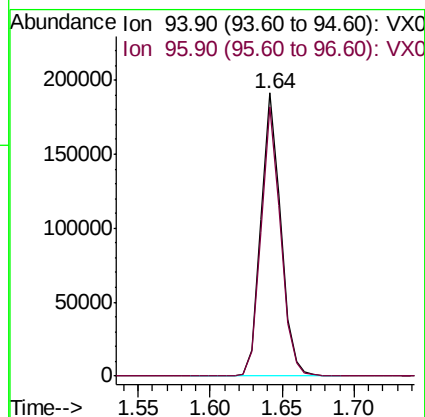
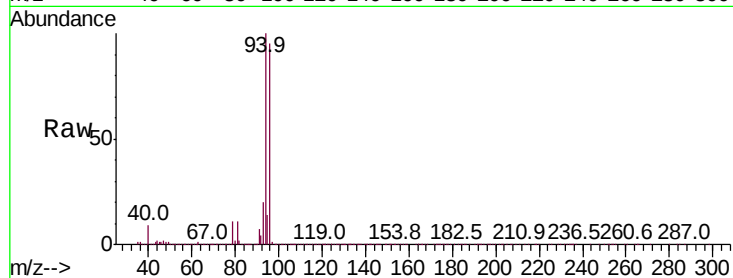
96 95.1 75.5 113.3

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#6

Chloroethane

Concen: 47.685 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008227.D

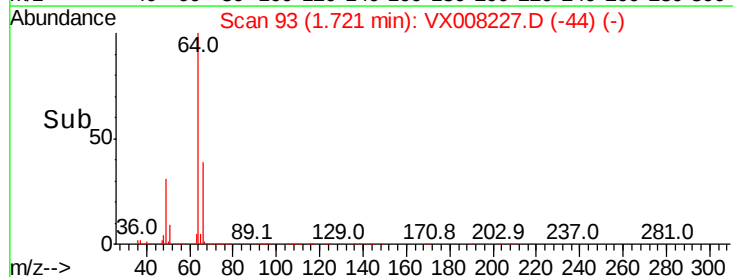
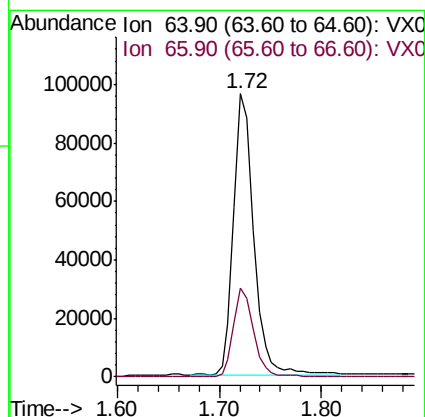
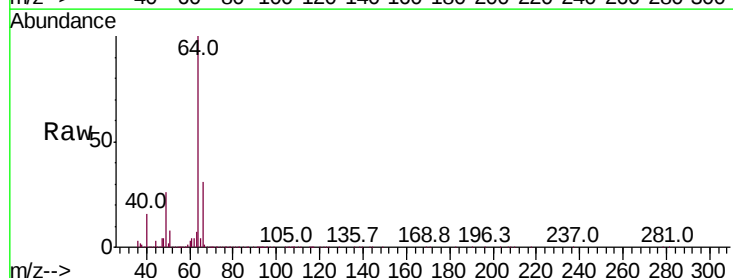
Acq: 20 Mar 2019 07:21

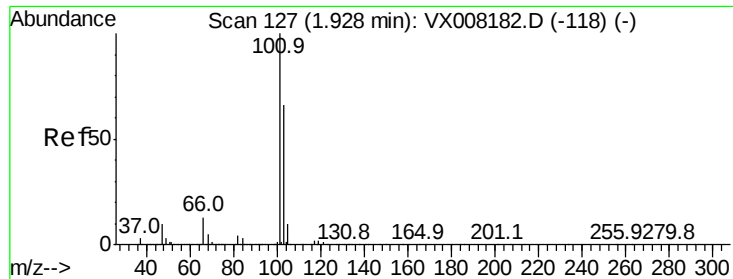
Tgt Ion: 64 Resp: 131701

Ion Ratio Lower Upper

64 100

66 31.2 25.2 37.8





#7

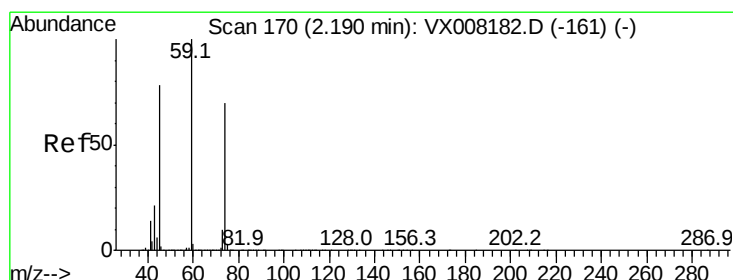
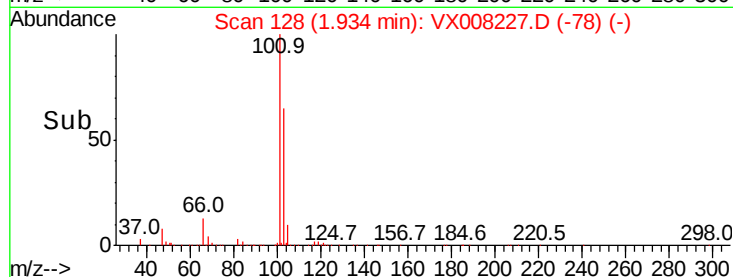
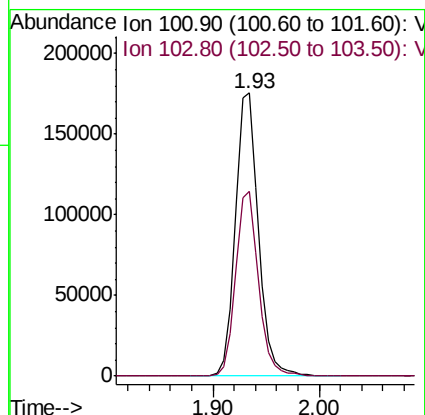
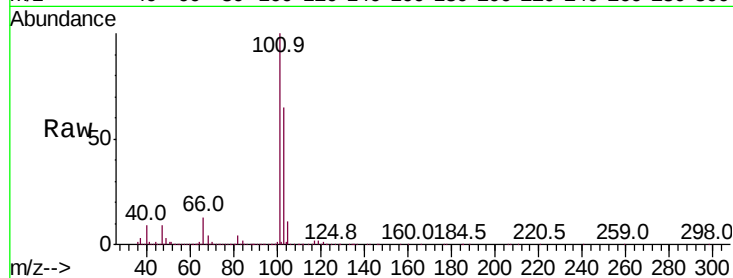
Trichlorofluoromethane
Concen: 47.464 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	266821		
103	65.3	50.4	75.6	

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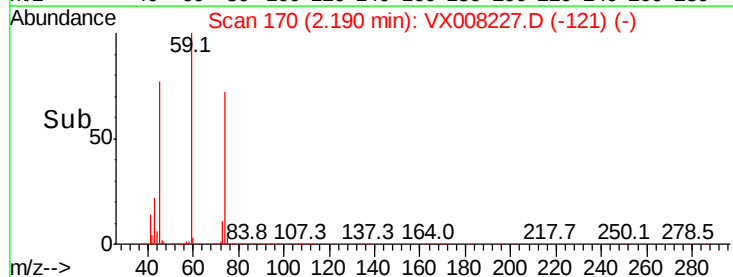
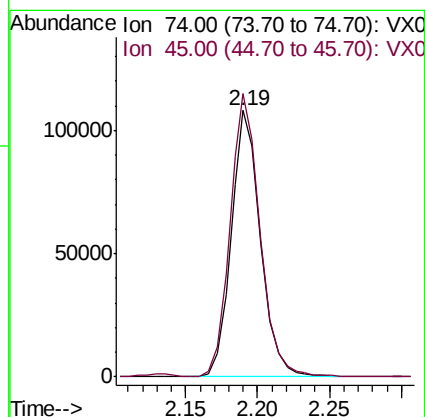
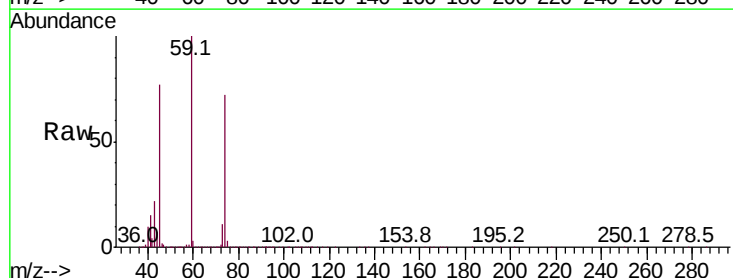
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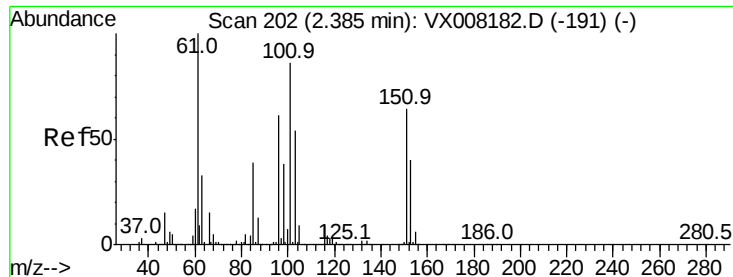


#8

Diethyl Ether
Concen: 52.848 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	152851		
45	108.4	52.1	156.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.174 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

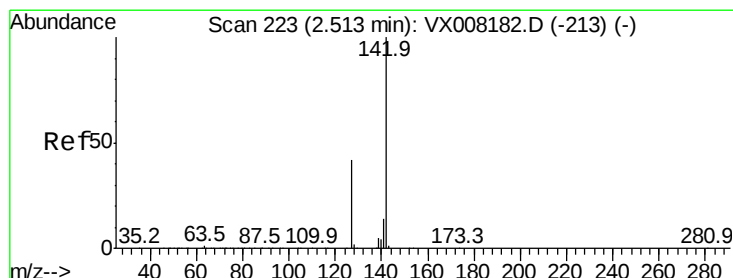
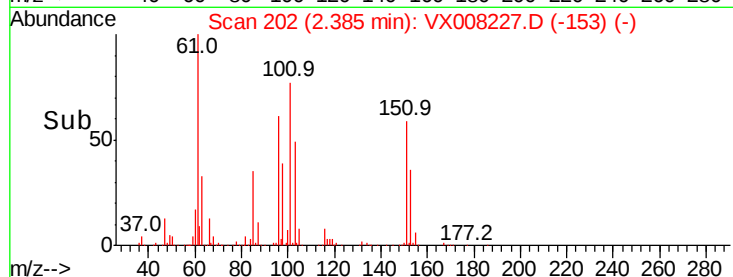
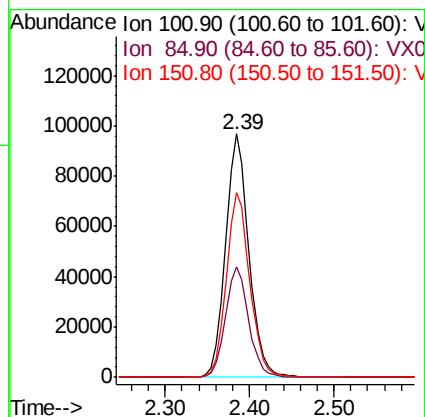
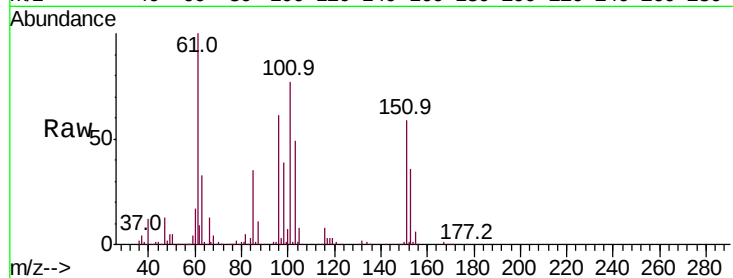
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	101	Resp:	183537
Ion Ratio	Lower	Upper	
101	100		
85	45.6	33.8	50.6
151	76.2	69.1	103.7

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#10

Methyl Iodide

Concen: 53.583 ug/l

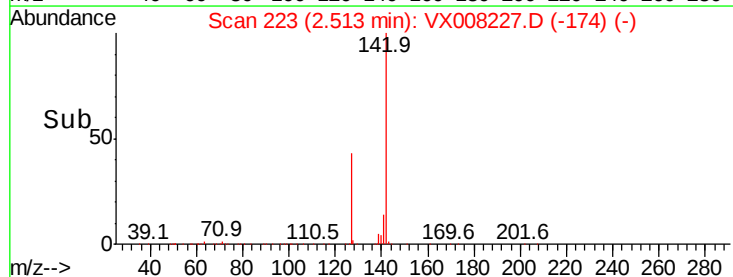
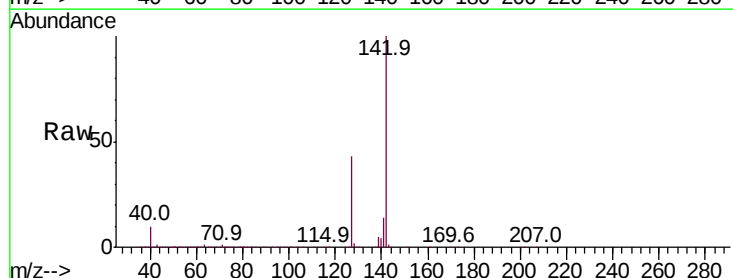
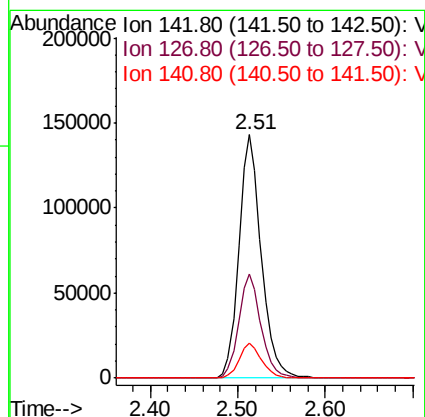
RT: 2.51 min Scan# 223

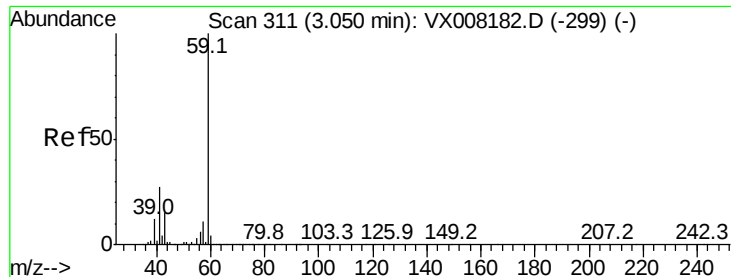
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion:	142	Resp:	254645
Ion Ratio	Lower	Upper	
142	100		
127	42.8	32.1	48.1
141	14.4	11.4	17.2





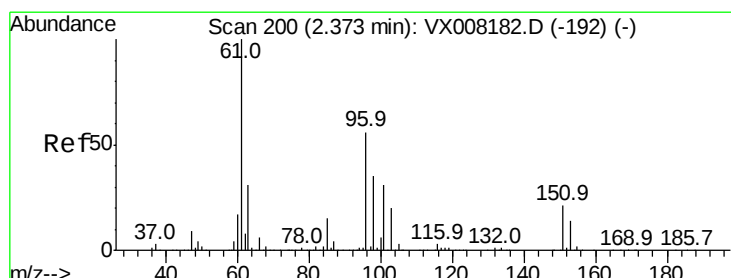
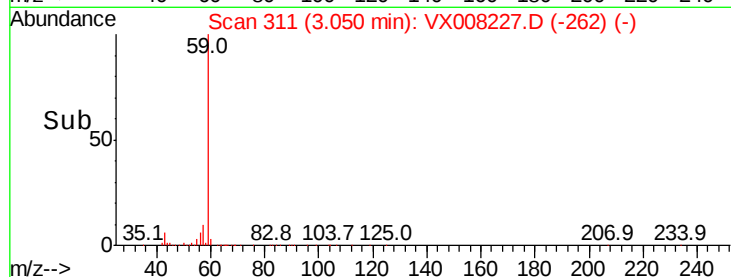
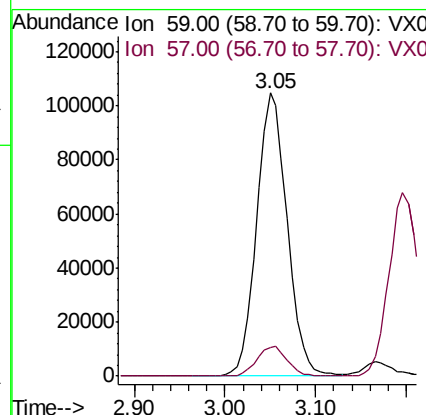
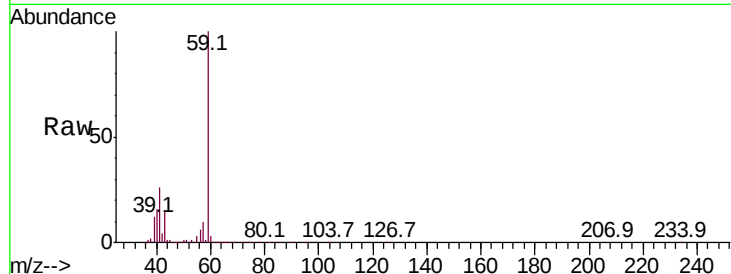
#11
Tert butyl alcohol
Concen: 259.710 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion: 59 Resp: 243173
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

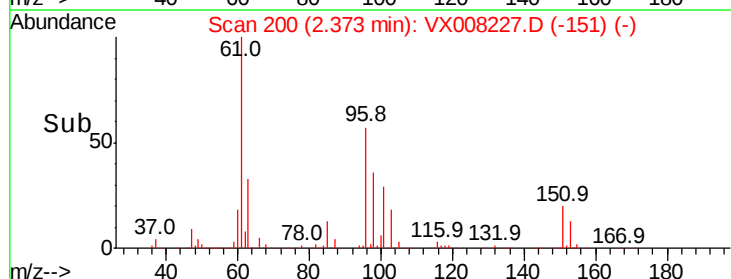
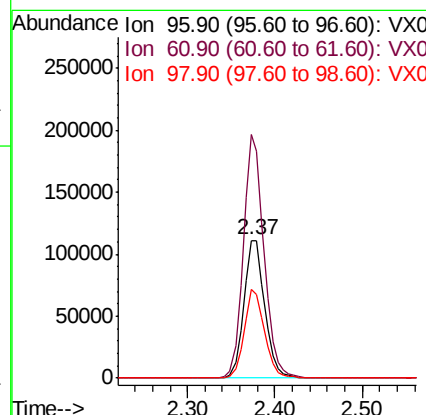
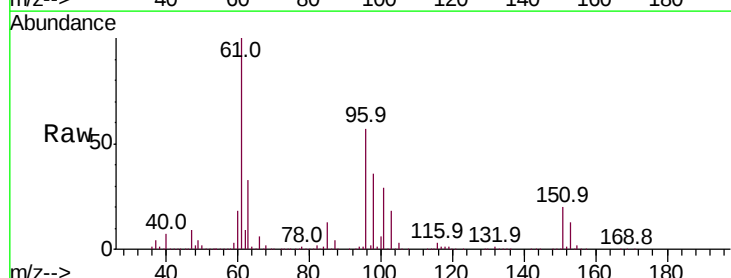
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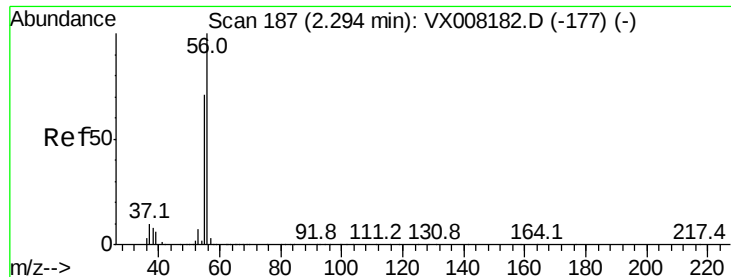
MMDadoda
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#12
1,1-Dichloroethene
Concen: 52.660 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 96 Resp: 185558
Ion Ratio Lower Upper
96 100
61 176.4 129.8 194.6
98 64.0 51.0 76.6





#13

Acrolein

Concen: 190.948 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 56 Resp: 127516

Ion Ratio Lower Upper

56 100

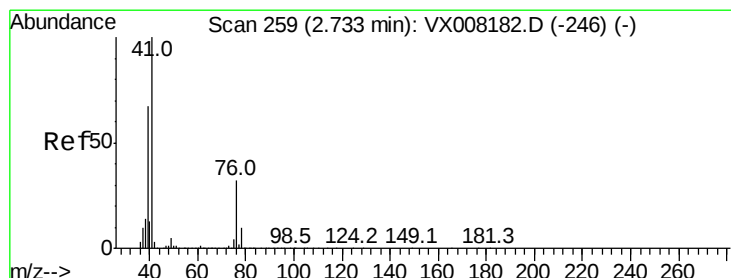
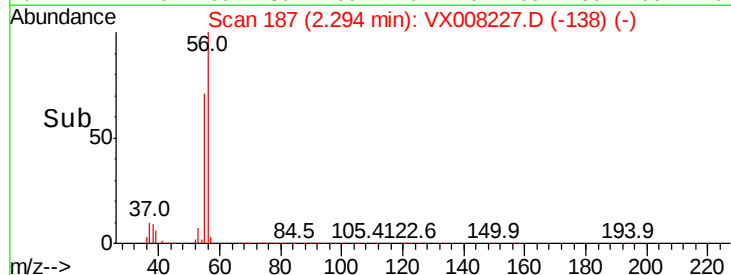
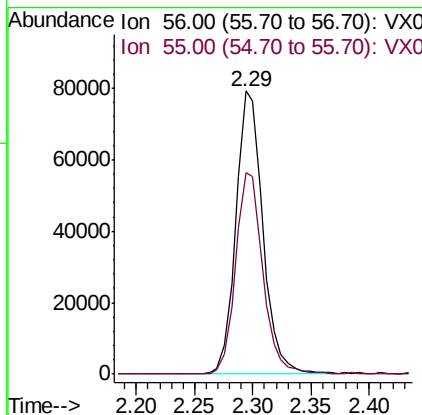
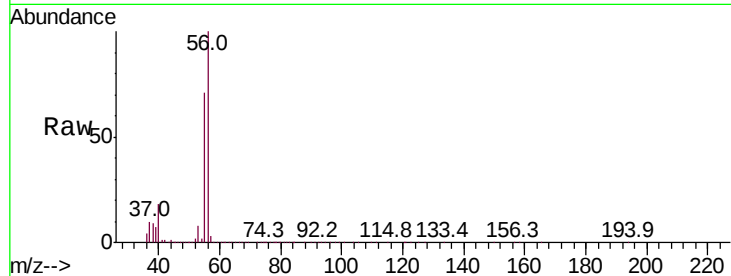
55 71.9 57.8 86.6

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#14

Allyl chloride

Concen: 50.375 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

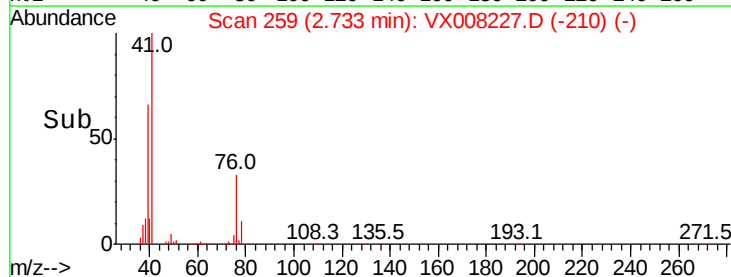
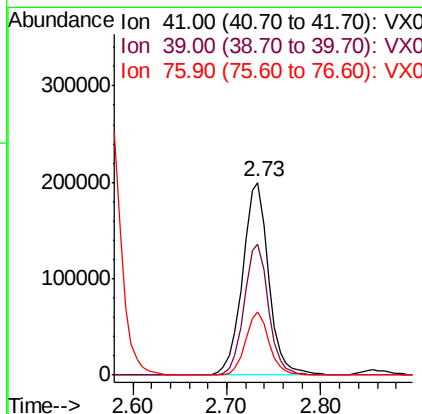
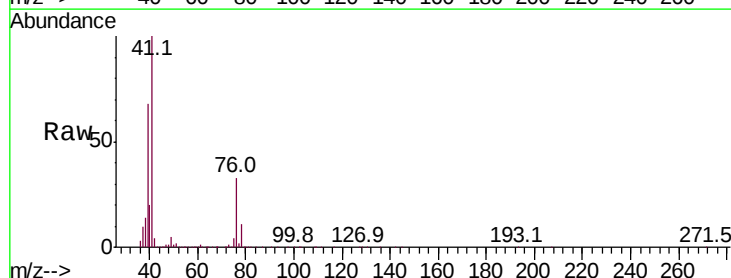
Tgt Ion: 41 Resp: 386403

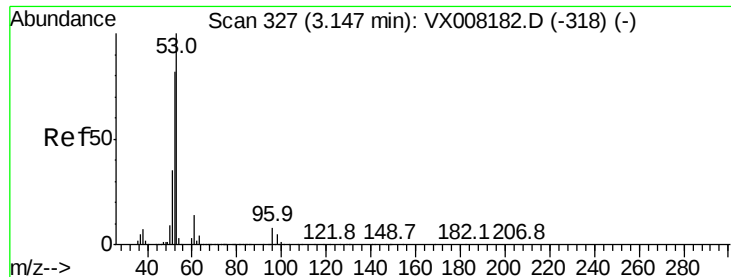
Ion Ratio Lower Upper

41 100

39 63.8 46.1 69.1

76 29.3 24.0 36.0





#15

Acrylonitrile

Concen: 258.772 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

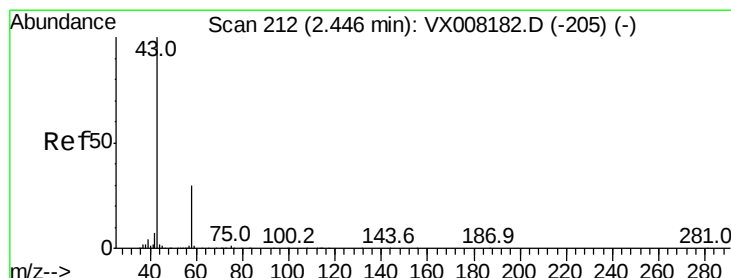
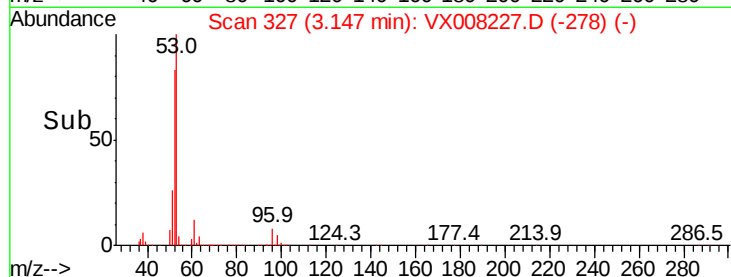
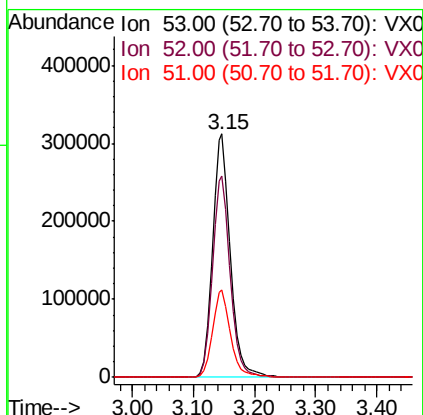
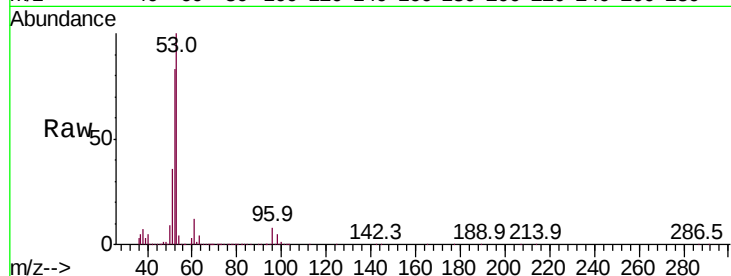
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion	53	Resp	640873
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.0	99.0
51	36.3	28.0	42.0

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#16

Acetone

Concen: 227.122 ug/l

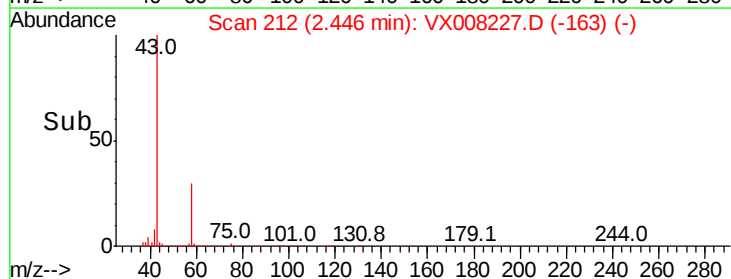
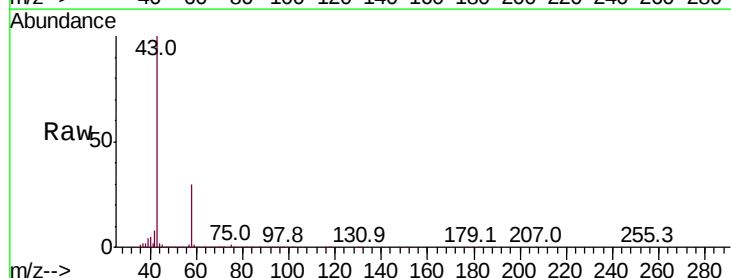
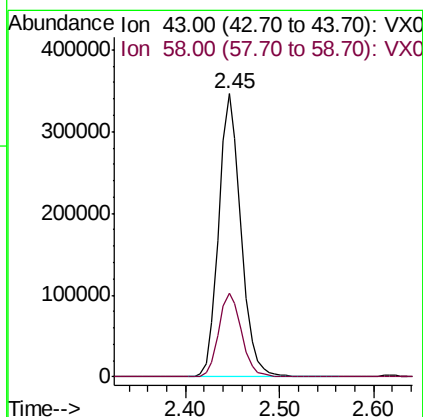
RT: 2.45 min Scan# 212

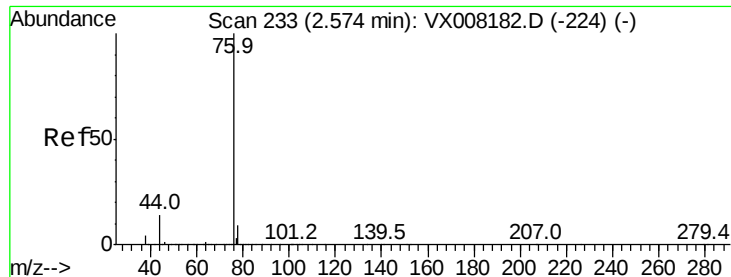
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion	43	Resp	563414
Ion	Ratio	Lower	Upper
43	100		
58	29.7	25.5	38.3





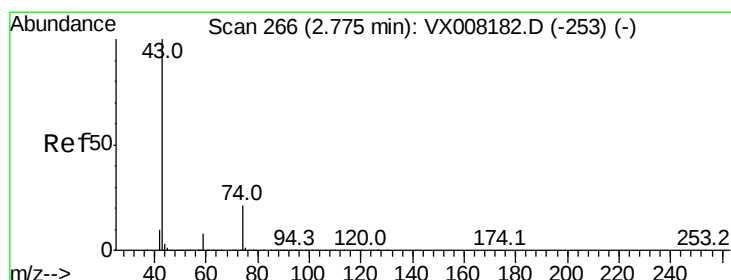
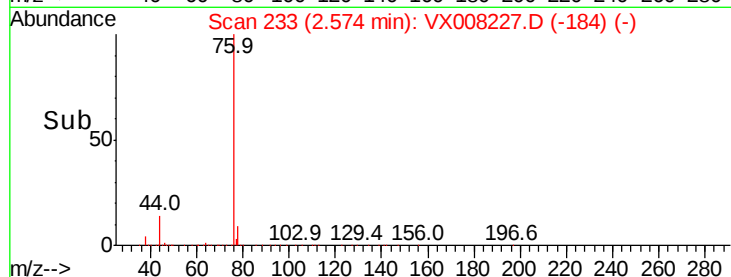
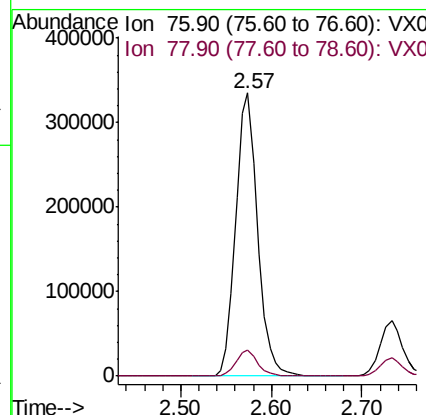
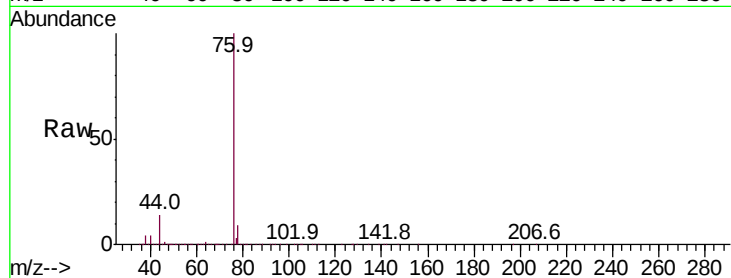
#17
Carbon Disulfide
Concen: 48.797 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

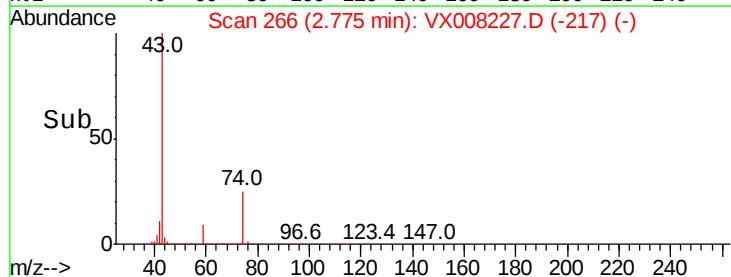
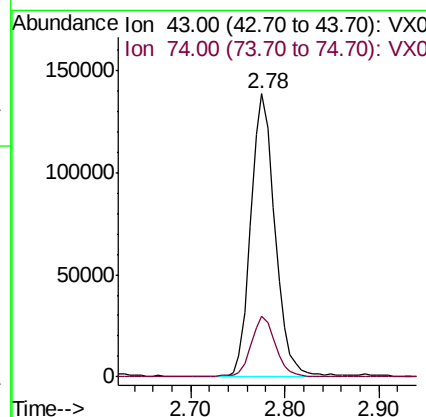
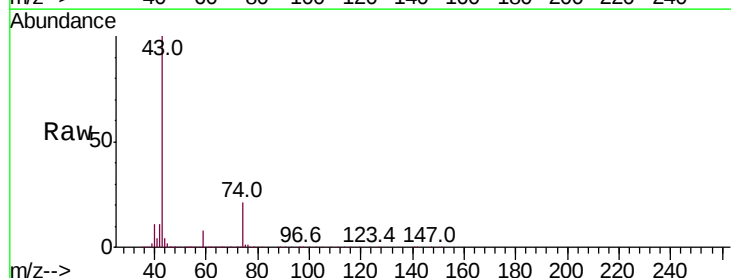
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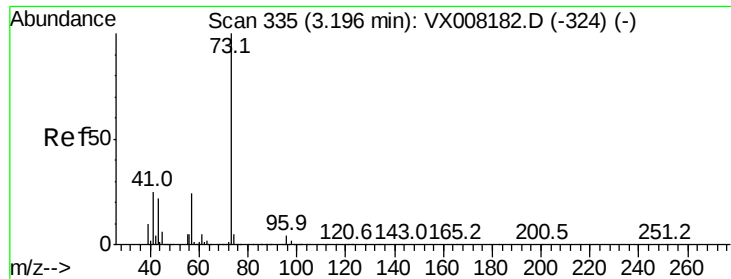
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#18
Methyl Acetate
Concen: 43.101 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	17.8	26.6





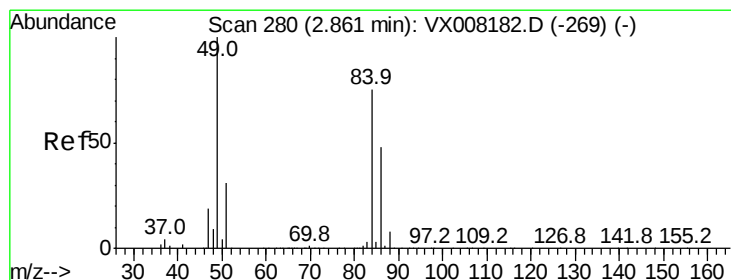
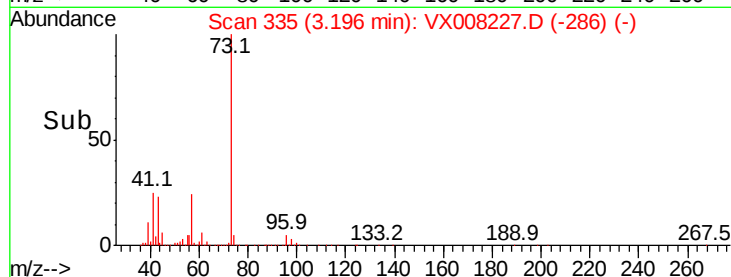
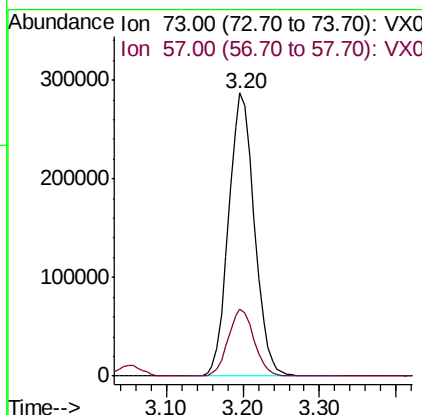
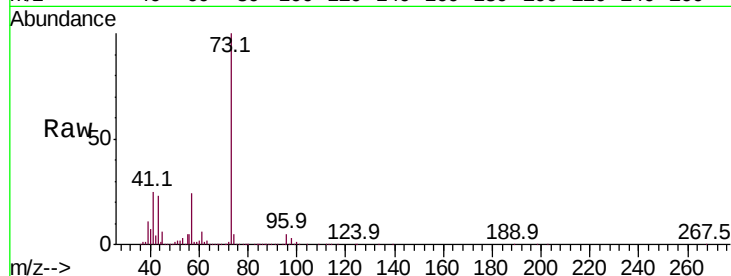
#19
Methvl tert-butvl Ether
Concen: 52.558 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion: 73 Resp: 669617
Ion Ratio Lower Upper
73 100
57 23.6 18.2 27.4

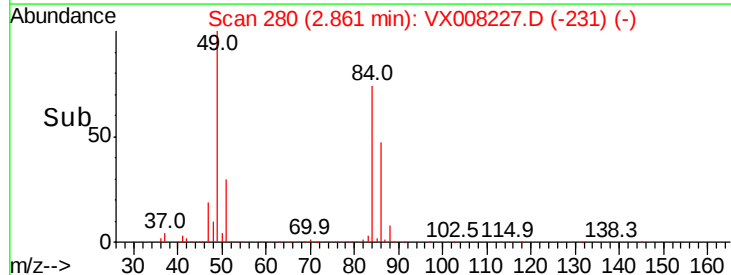
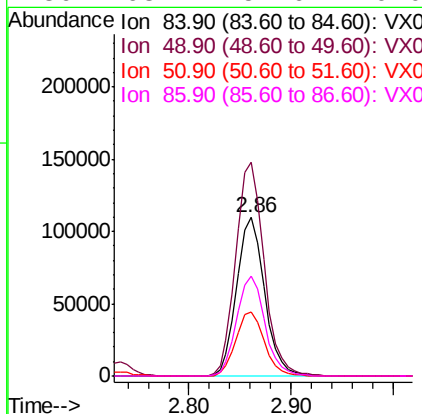
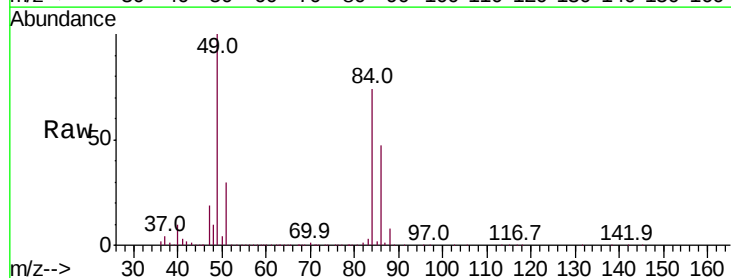
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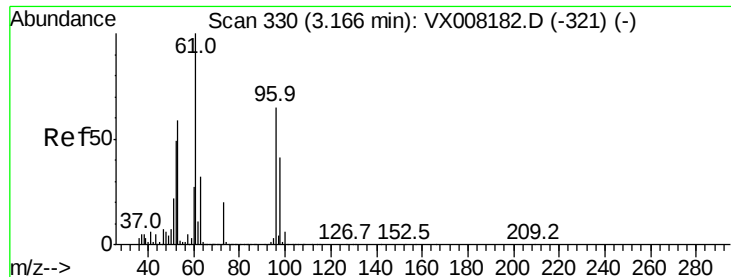
MMDadoda
3/20/2019 10:27:48 AM



#20
Methylene Chloride
Concen: 50.409 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion: 84 Resp: 208518
Ion Ratio Lower Upper
84 100
49 134.6 99.3 148.9
51 40.1 31.3 46.9
86 63.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 51.412 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

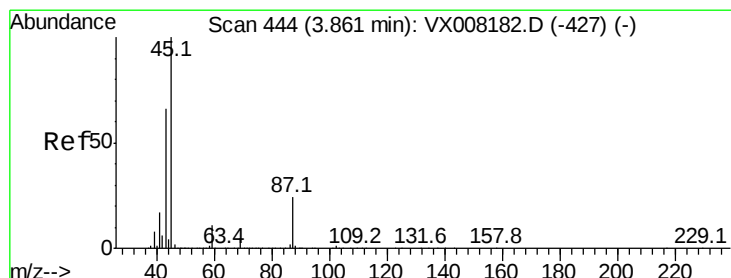
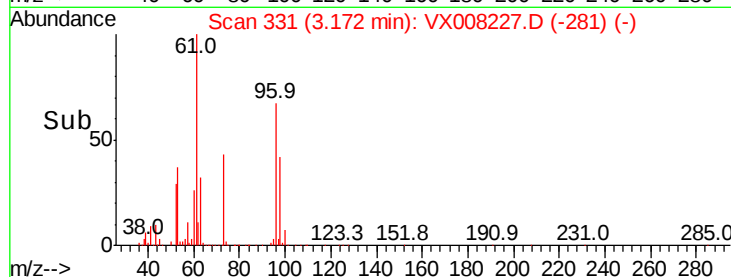
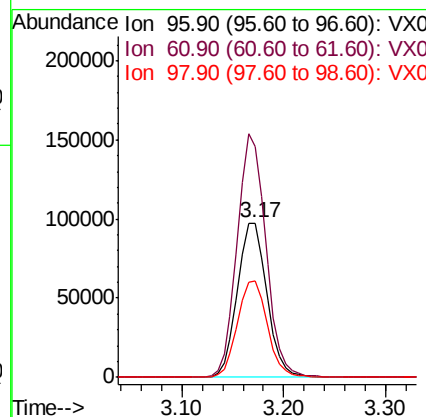
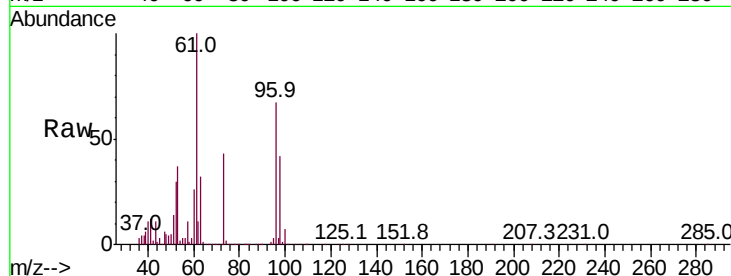
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	96	Resp:	195707
Ion	Ratio	Lower	Upper
96	100		
61	149.0	114.4	171.6
98	62.7	51.1	76.7

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#22

Diisopropyl ether

Concen: 52.034 ug/l

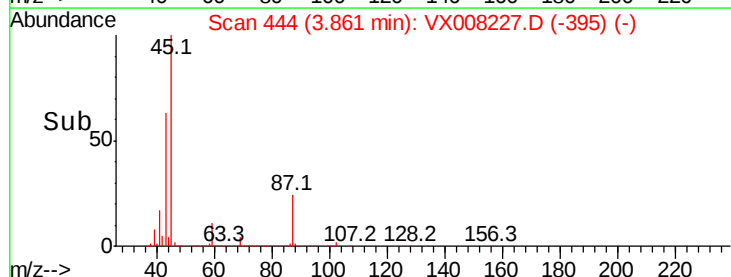
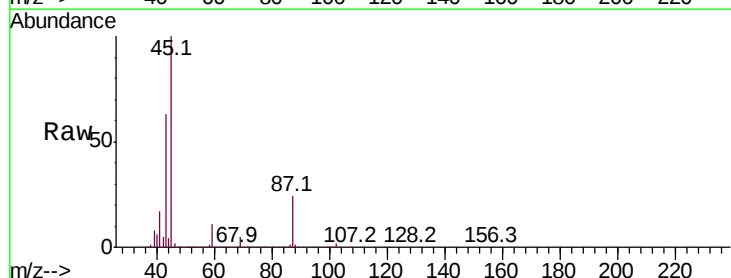
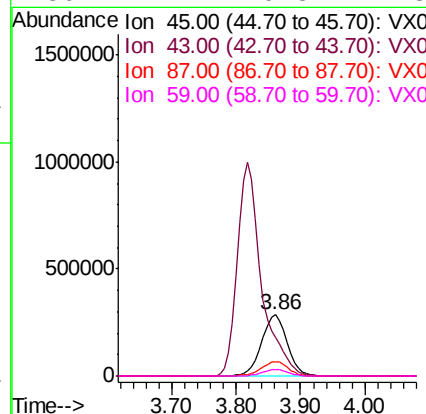
RT: 3.86 min Scan# 444

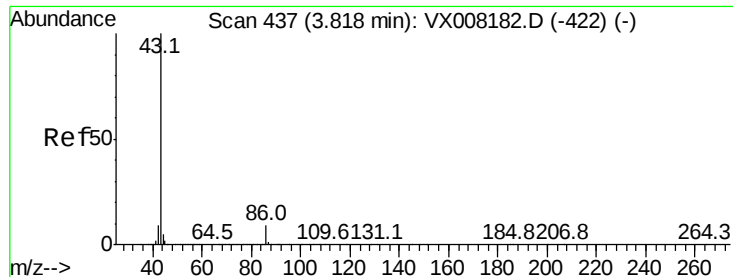
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion:	45	Resp:	781709
Ion	Ratio	Lower	Upper
45	100		
43	62.6	45.3	67.9
87	24.0	21.4	32.0
59	11.1	9.5	14.3





#23

Vinyl Acetate

Concen: 204.285 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 43 Resp: 2631177

Ion Ratio Lower Upper

43 100

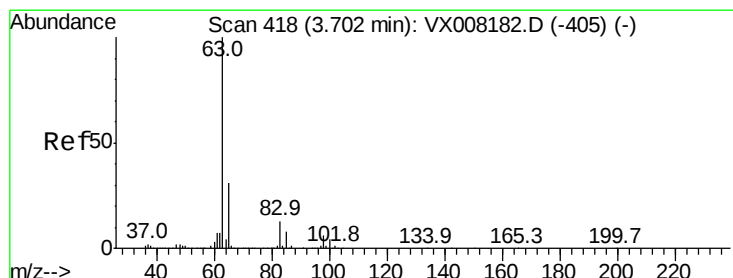
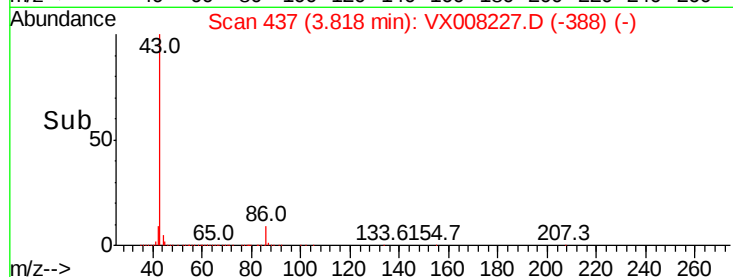
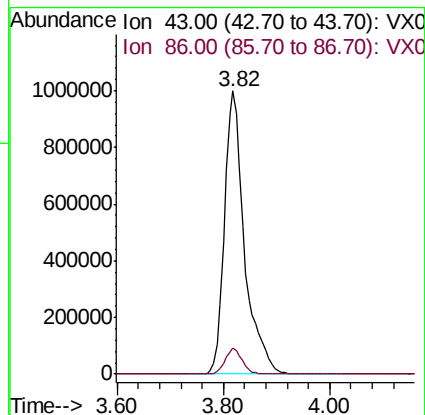
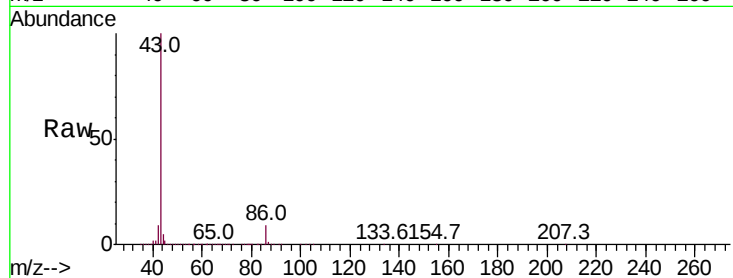
86 9.1 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 52.654 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

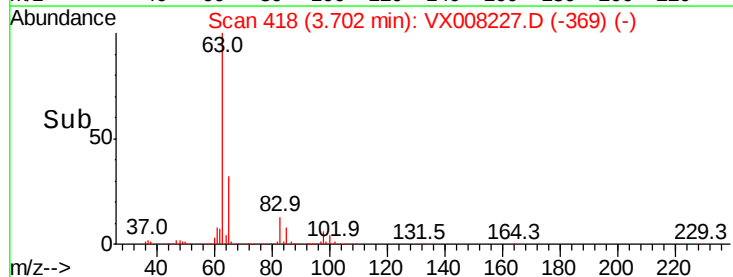
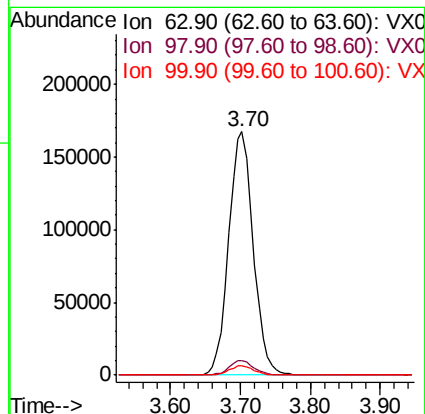
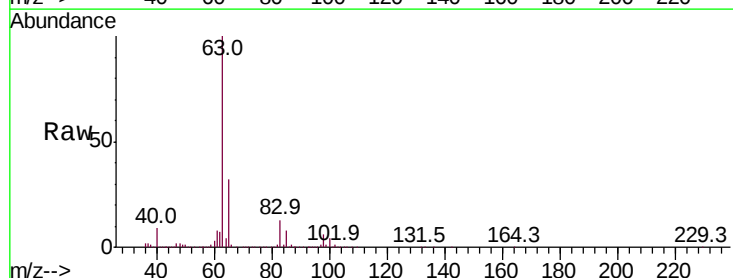
Tgt Ion: 63 Resp: 406838

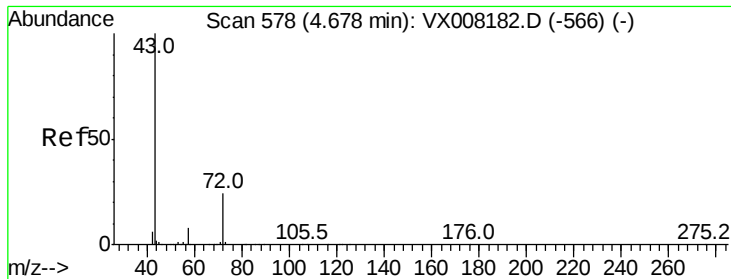
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 4.1 2.3 6.8





#25

2-Butanone

Concen: 252.301 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 43 Resp: 923879

Ion Ratio Lower Upper

43 100

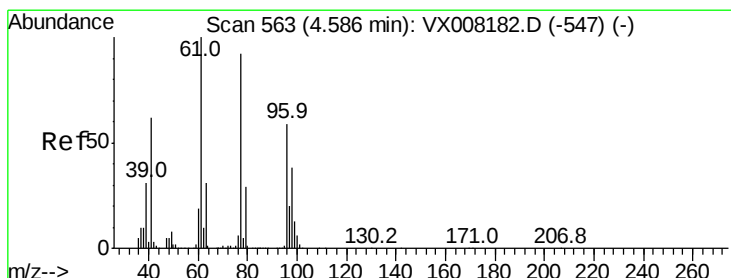
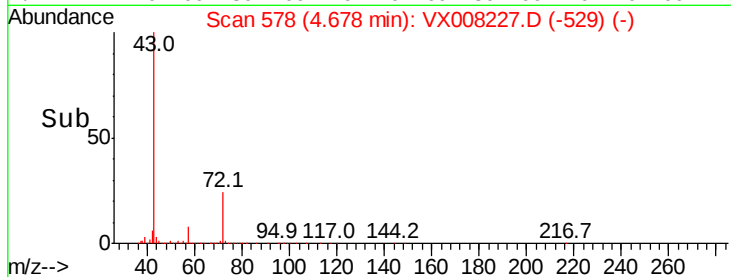
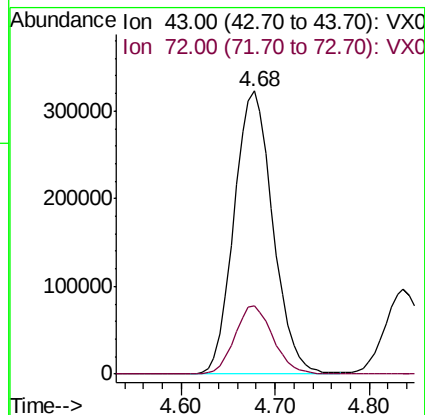
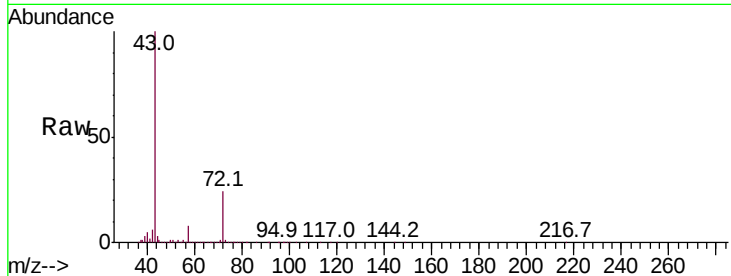
72 24.2 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 34.147 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008227.D

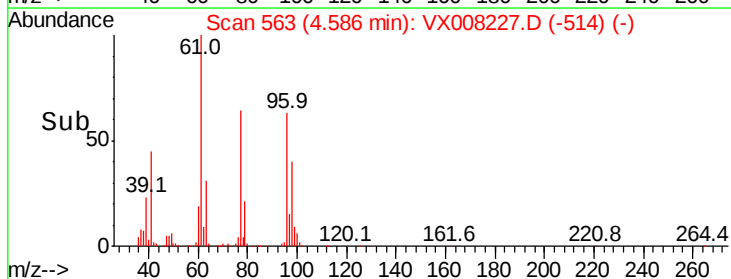
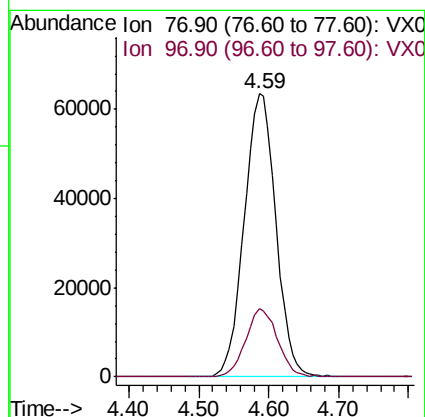
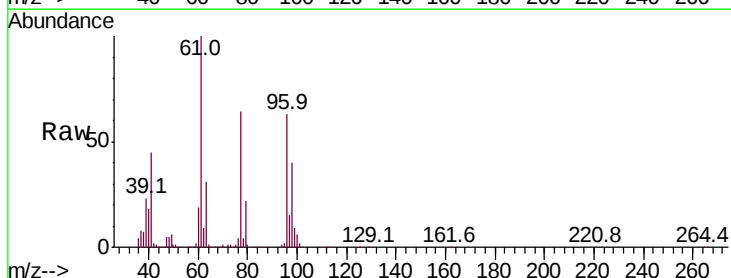
Acq: 20 Mar 2019 07:21

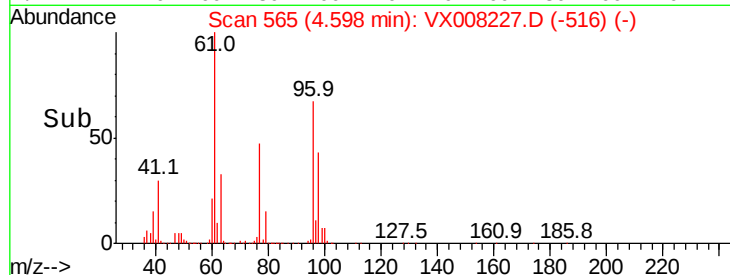
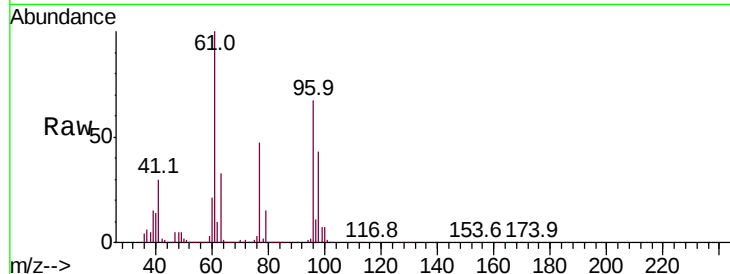
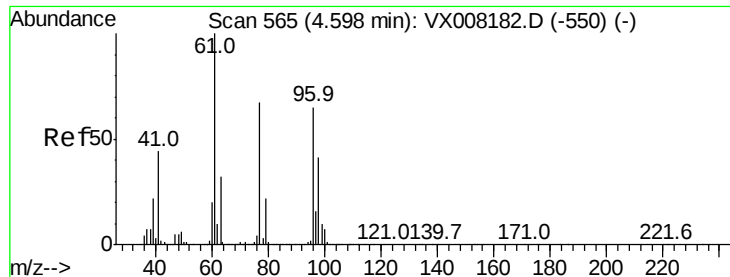
Tgt Ion: 77 Resp: 198761

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6





#27

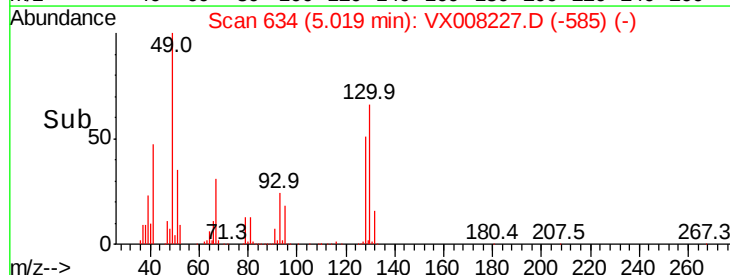
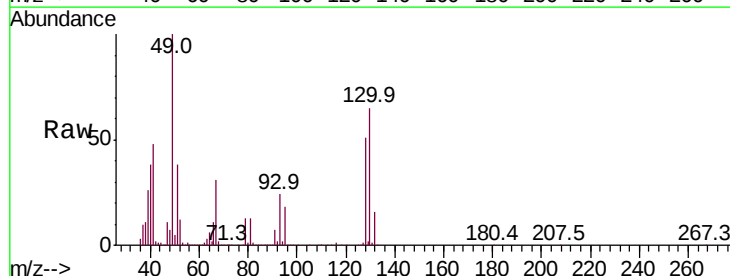
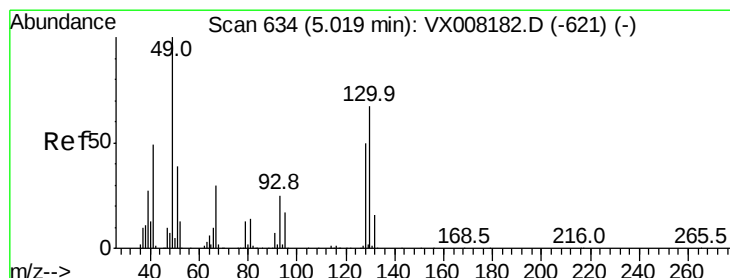
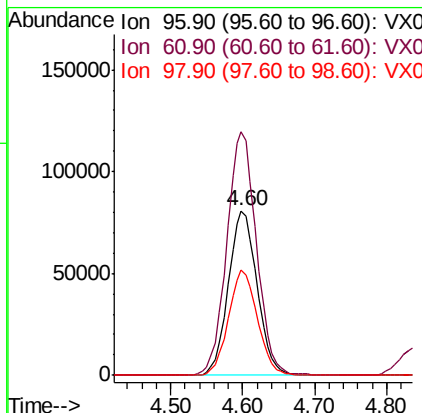
cis-1,2-Dichloroethene
Concen: 51.724 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	224460		
61	151.7	0.0	288.0	
98	64.3	0.0	129.0	

Manual Integrations
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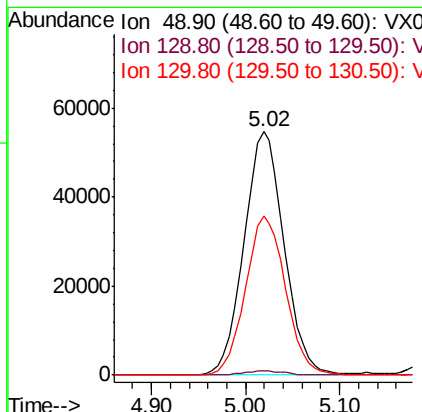
MMDadoda
3/20/2019 10:27:48 AM

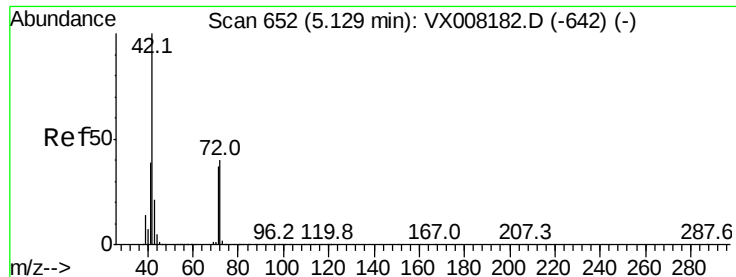


#28

Bromochloromethane
Concen: 46.815 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	162428		
129	1.9	0.0	4.0	
130	65.6	65.0	97.4	





#29

Tetrahydrofuran

Concen: 268.693 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

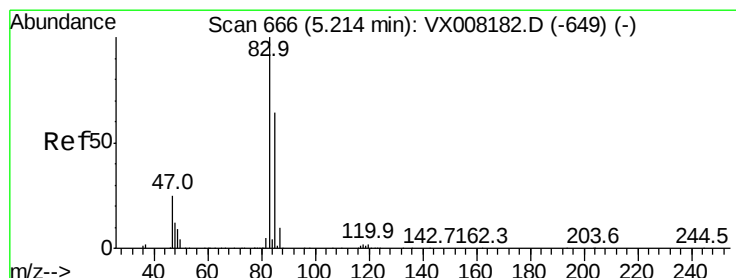
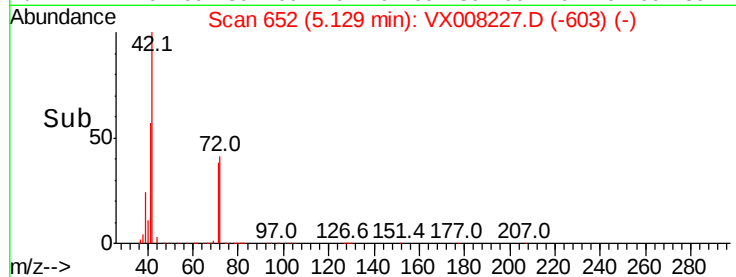
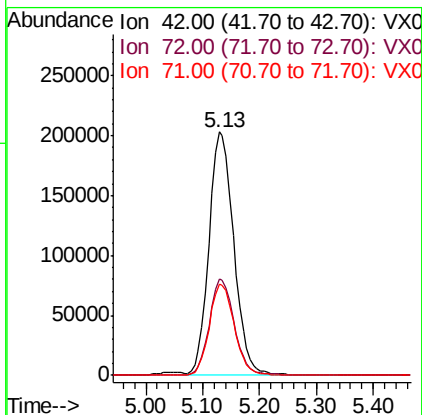
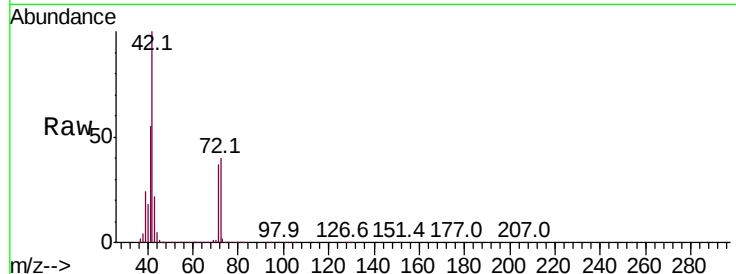
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	42	Resp:	615068
Ion	Ratio	Lower	Upper
42	100		
72	40.0	33.8	50.6
71	37.7	31.5	47.3

Manual Integrations
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#30

Chloroform

Concen: 52.501 ug/l

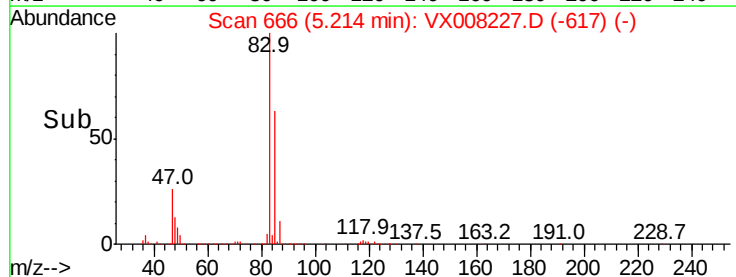
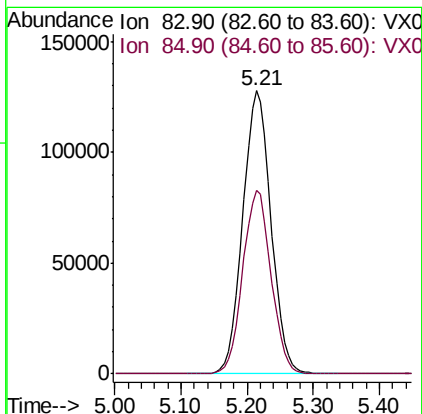
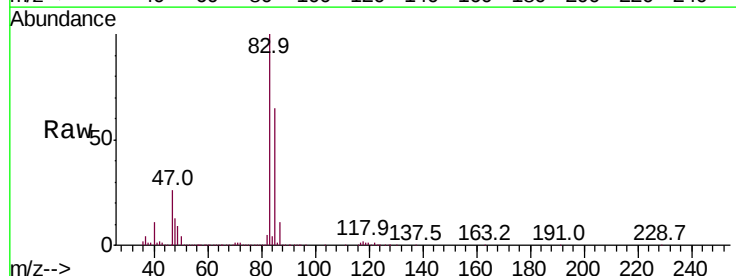
RT: 5.21 min Scan# 666

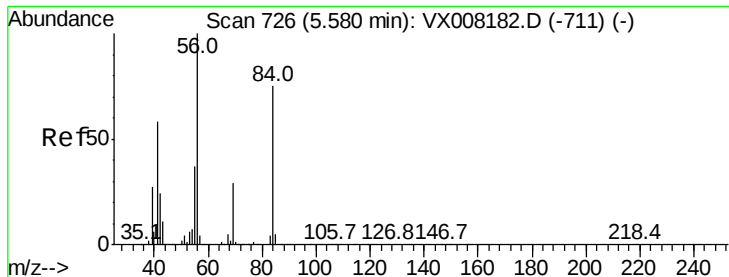
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion:	83	Resp:	379452
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6





#31

Cyclohexane

Concen: 51.759 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

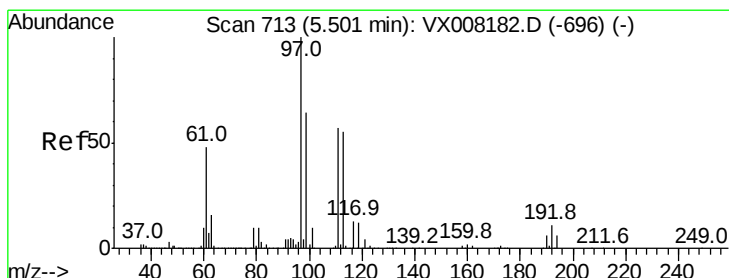
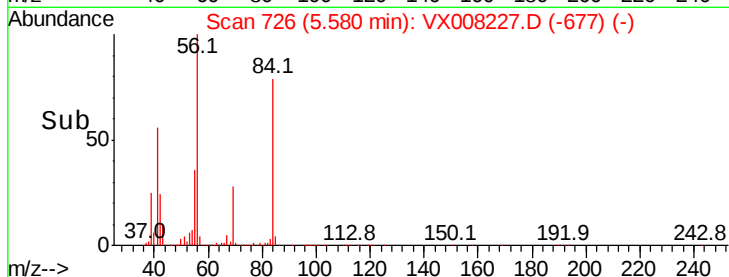
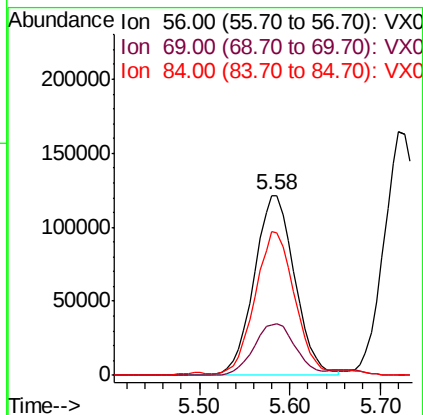
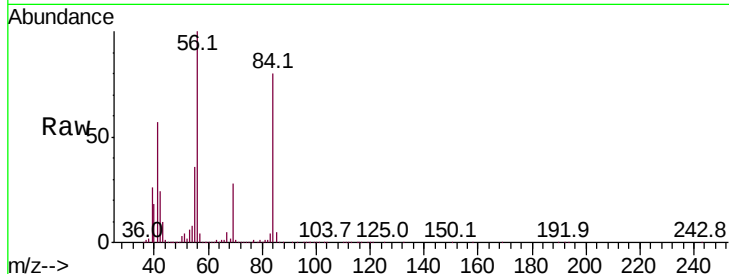
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	56	Resp:	375542
Ion Ratio	Lower	Upper	
56	100		
69	28.1	24.0	36.0
84	78.3	65.3	97.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.946 ug/l

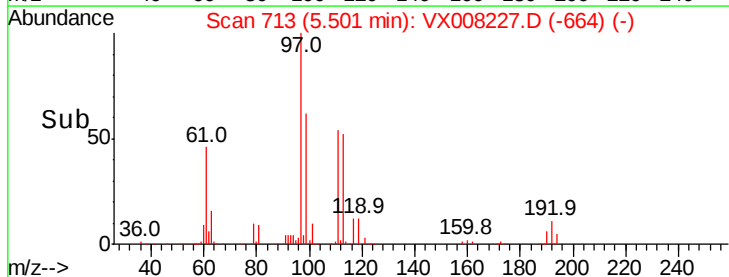
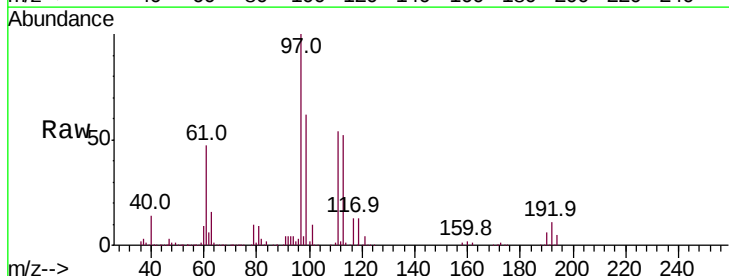
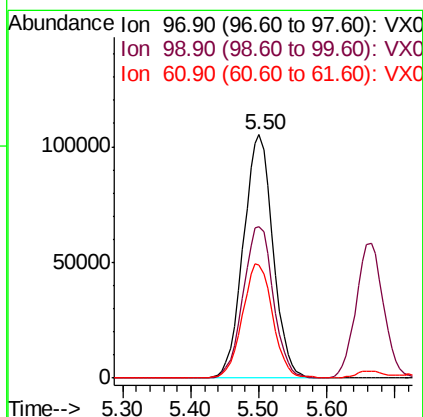
RT: 5.50 min Scan# 713

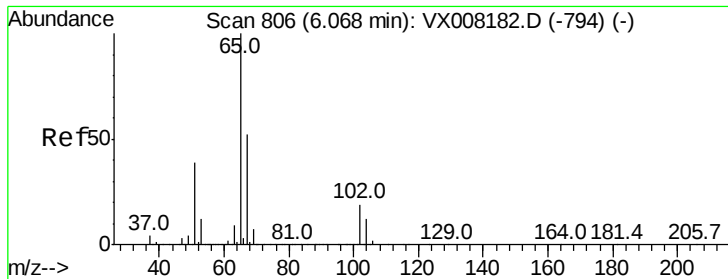
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion:	97	Resp:	318327
Ion Ratio	Lower	Upper	
97	100		
99	63.6	52.2	78.2
61	48.1	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 47.474 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 65 Resp: 207641

Ion Ratio Lower Upper

65 100

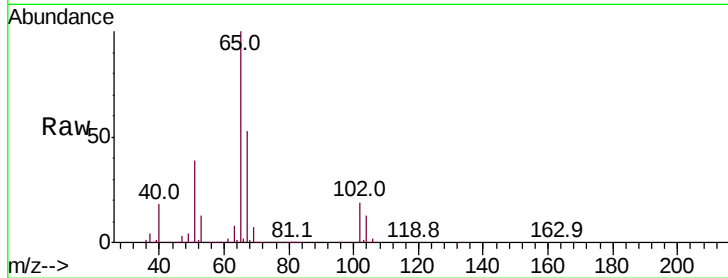
67 52.4 0.0 110.0

Manual Integrations

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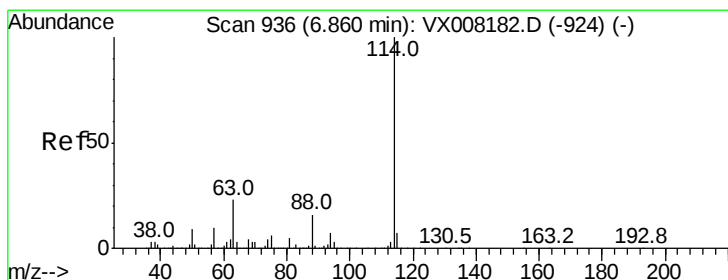
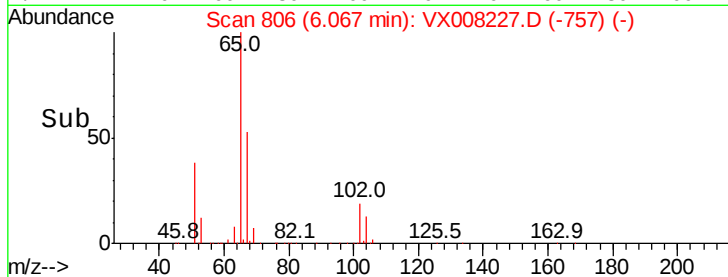
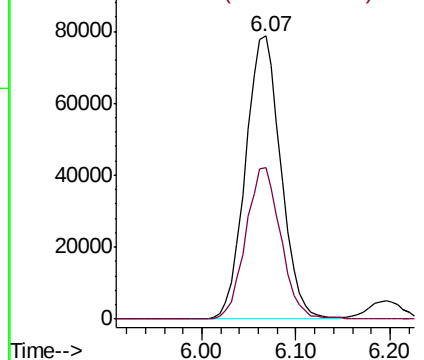
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

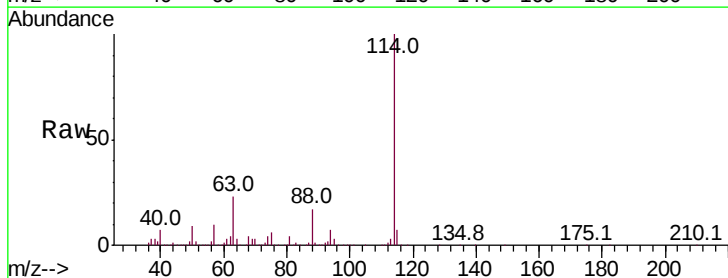
Tgt Ion:114 Resp: 489251

Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.8

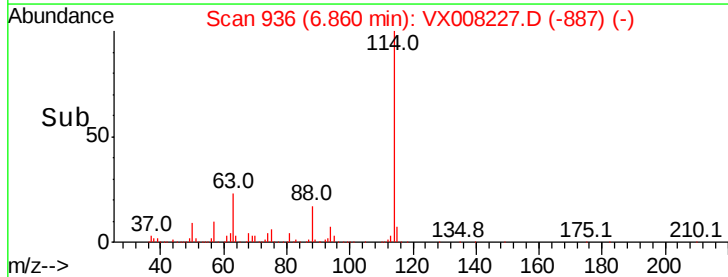
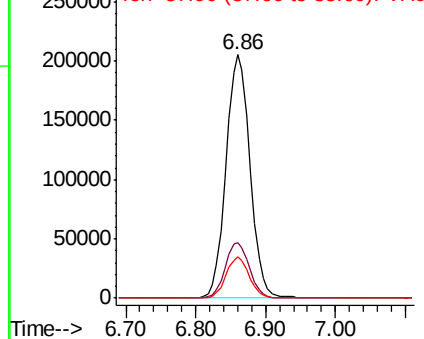
88 16.7 0.0 31.4

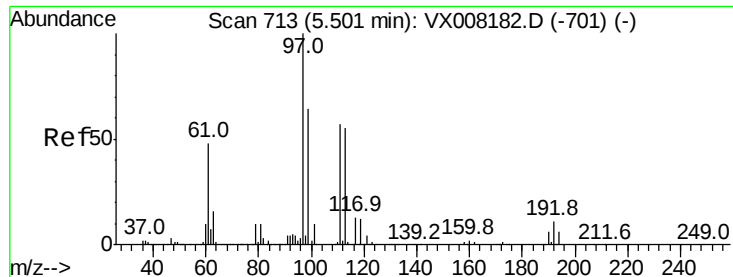


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.702 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

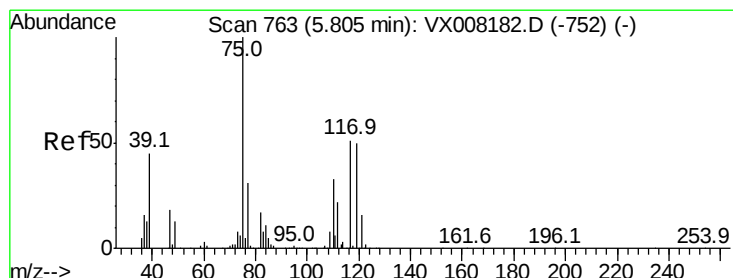
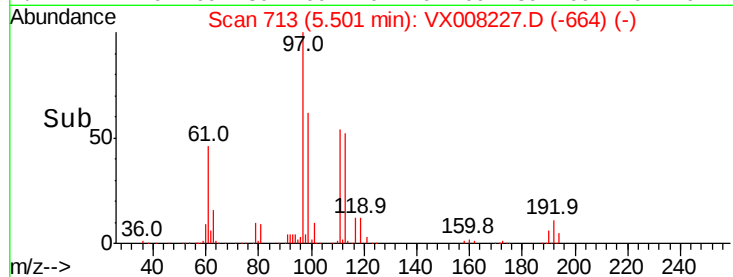
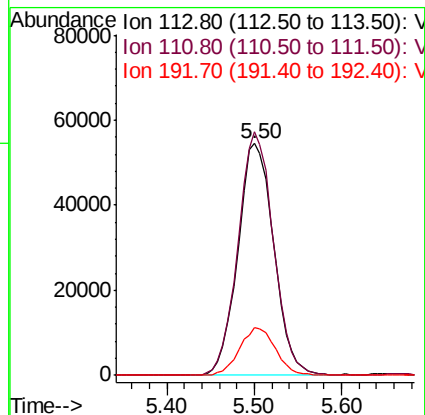
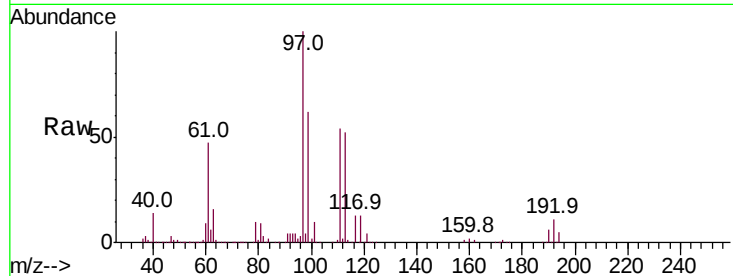
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	113	Resp:	156235
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.4	122.0
192	20.6	19.4	29.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 51.157 ug/l

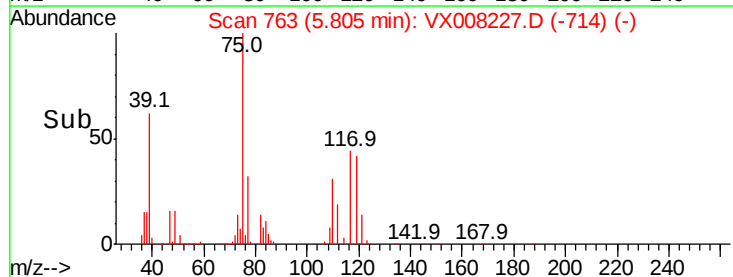
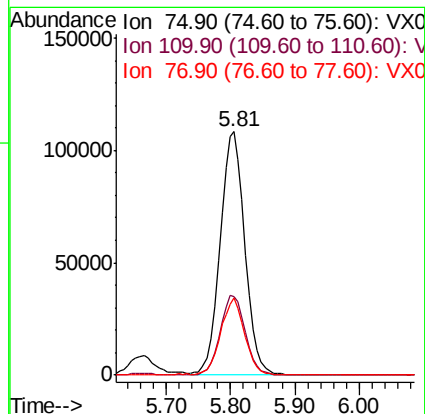
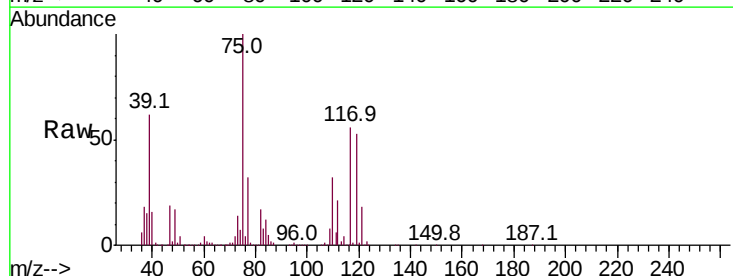
RT: 5.81 min Scan# 763

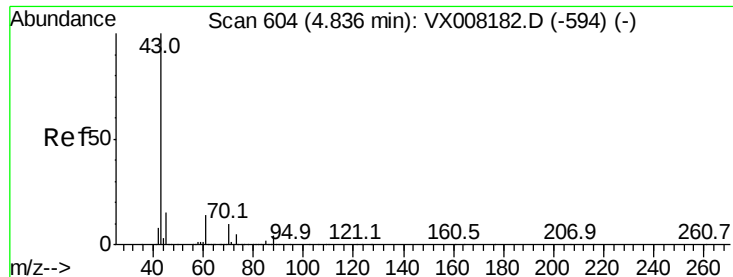
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion:	75	Resp:	291400
Ion Ratio	Lower	Upper	
75	100		
110	33.4	18.4	55.0
77	30.4	25.0	37.4





#37

Ethyl Acetate

Concen: 41.866 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

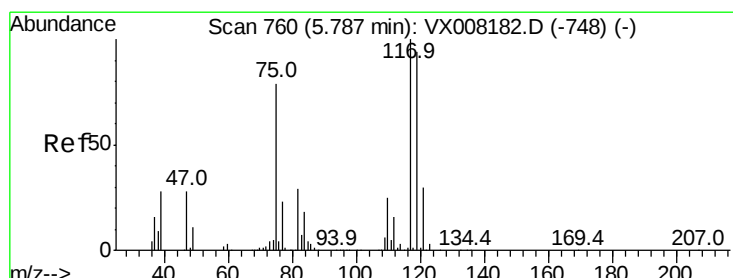
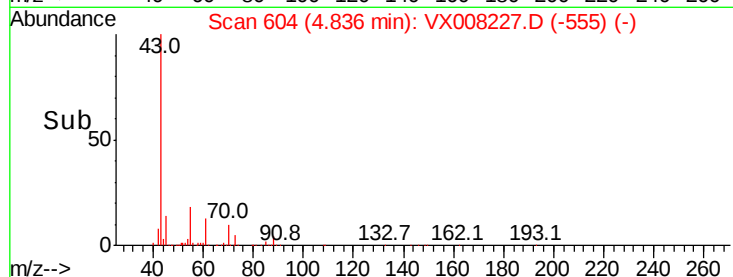
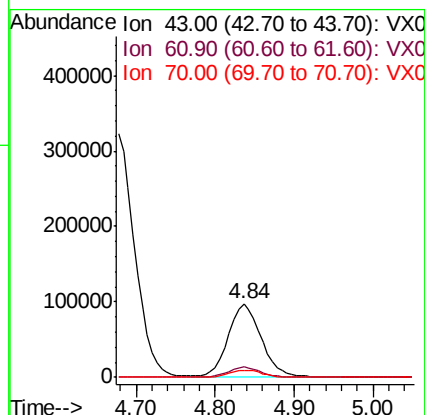
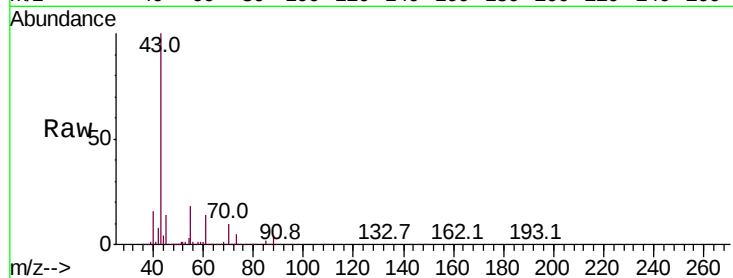
Instrument :
MSVOA_X

ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	10.2	8.5	12.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 52.251 ug/l

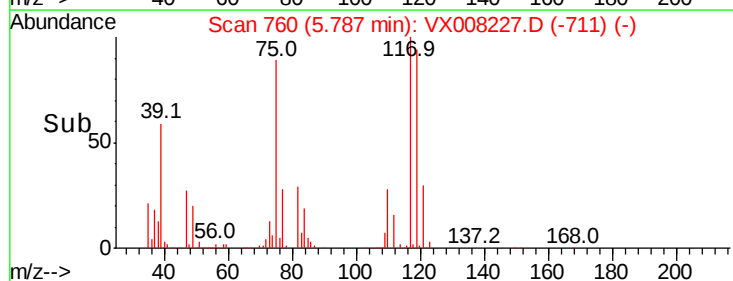
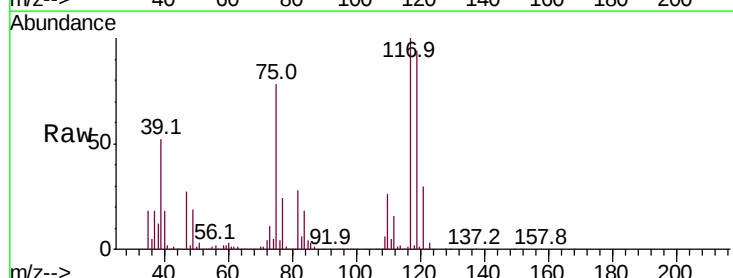
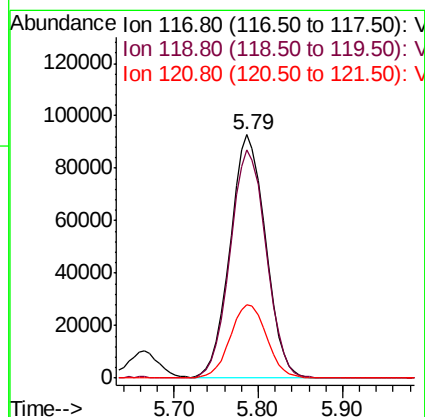
RT: 5.79 min Scan# 760

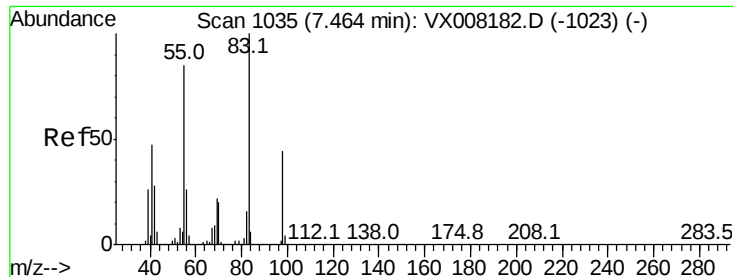
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.2	114.2
121	30.1	24.6	36.8





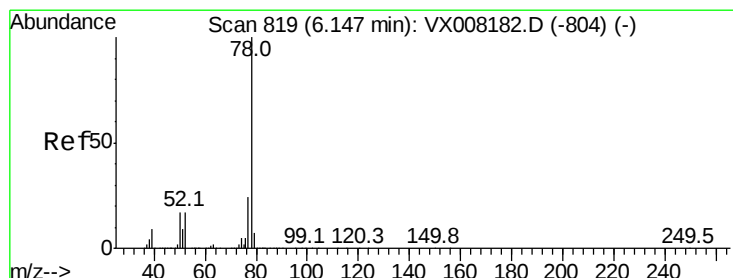
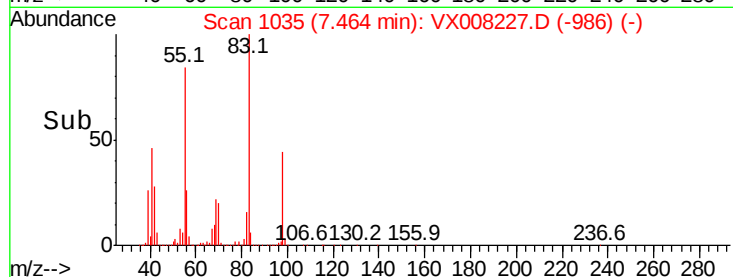
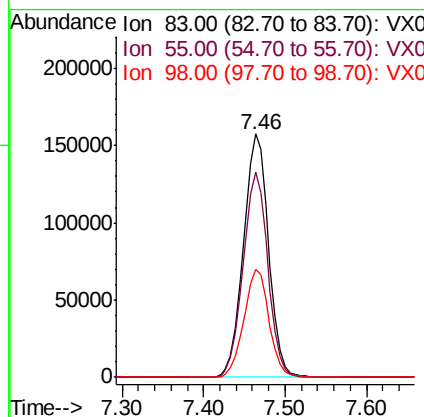
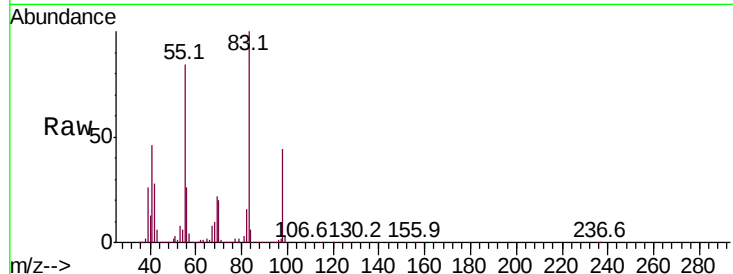
#39
Methylvlcyclohexane
Concen: 48.869 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	84.2	60.4	90.6	
98	44.3	36.5	54.7	

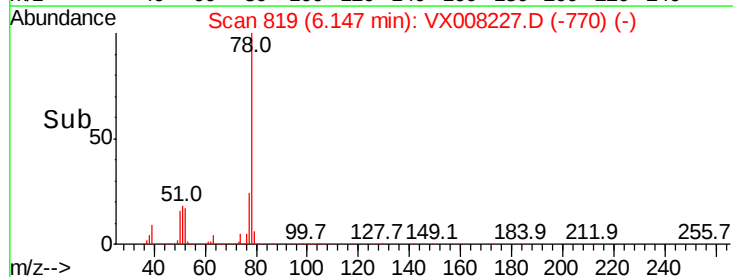
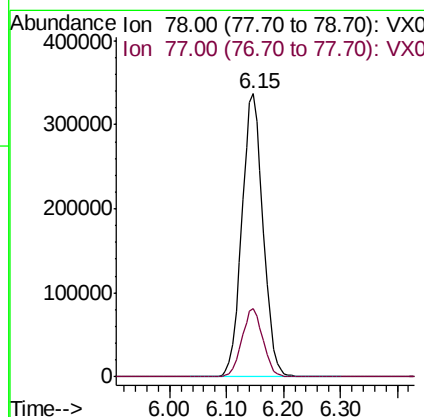
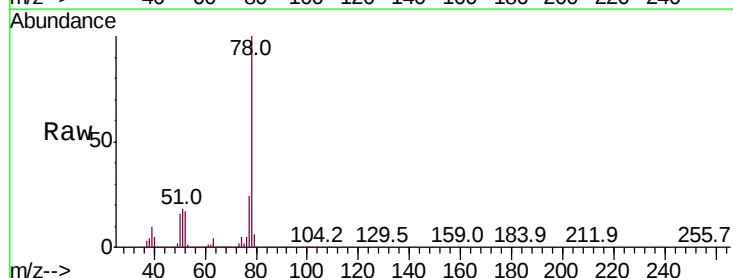
Manual Integrations
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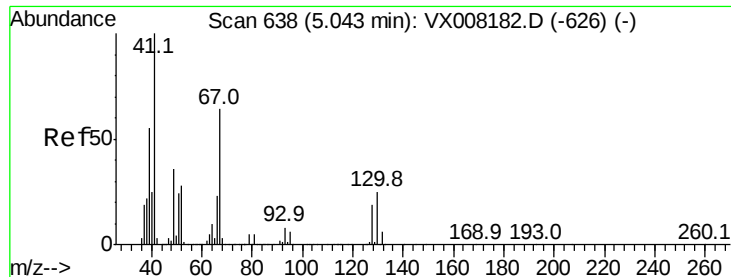
MMDadoda
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#40
Benzene
Concen: 52.006 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.1	19.0	28.4	





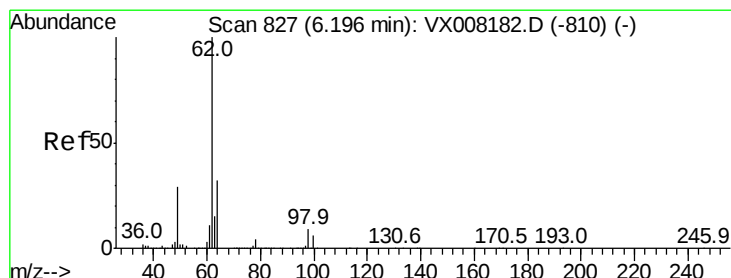
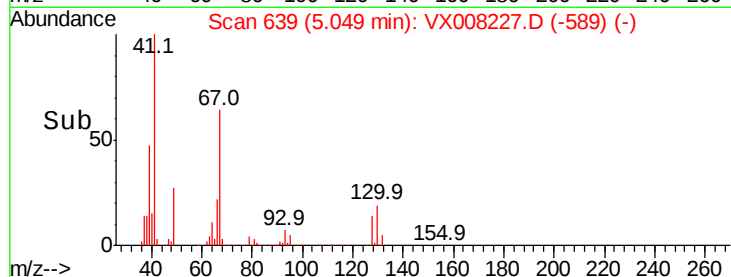
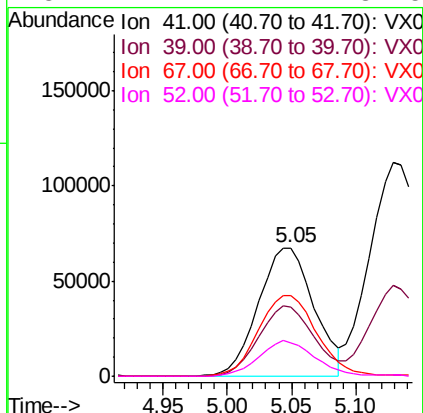
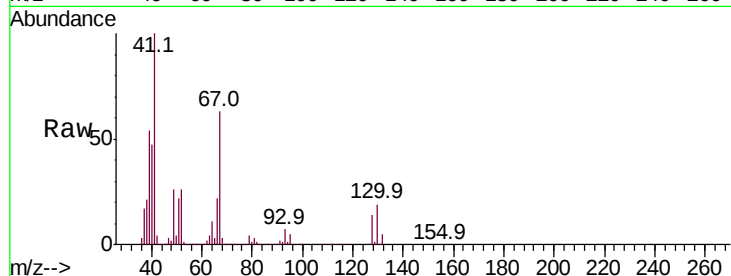
#41
Methacrylonitrile
Concen: 53.439 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.1	41.6	62.4	
67	66.4	55.8	83.6	
52	27.4	21.7	32.5	

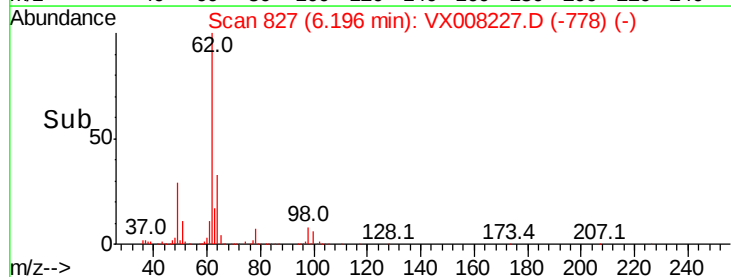
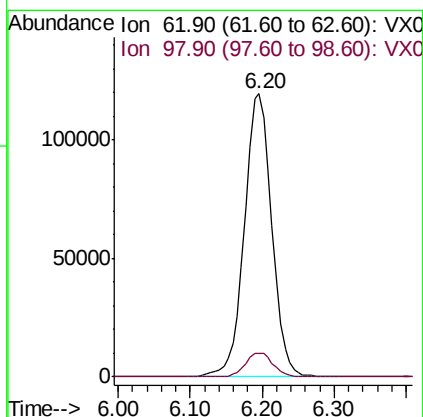
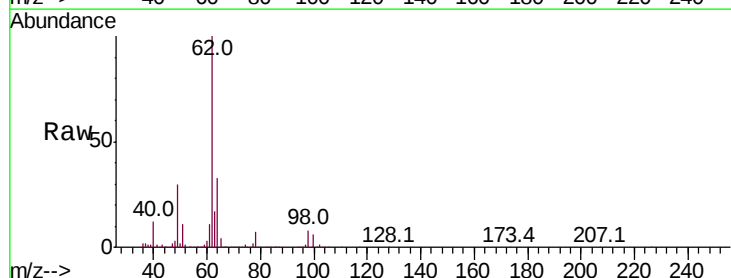
Manual Integrations
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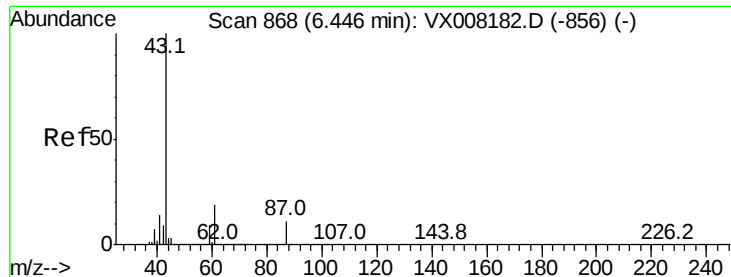
MMDadoda
3/20/2019 10:27:48 AM



#42
1,2-Dichloroethane
Concen: 50.961 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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





#43

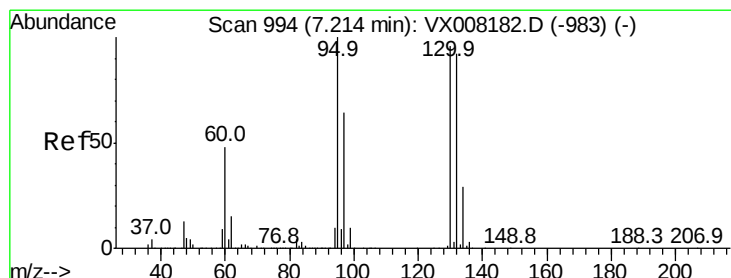
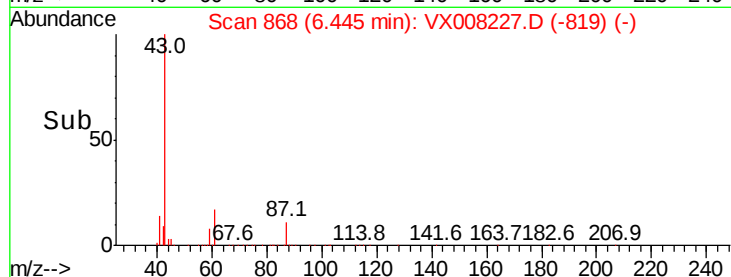
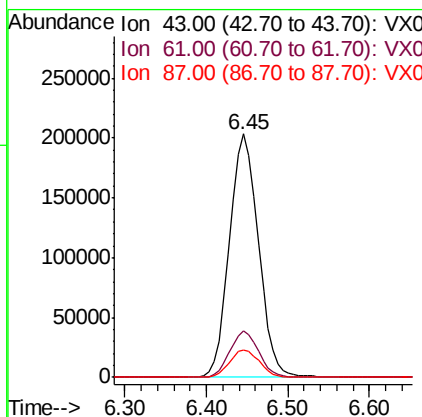
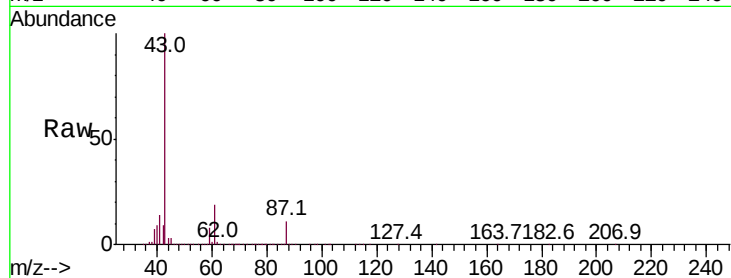
Isopropyl Acetate
 Concen: 46.149 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	16.3	24.5
87	11.6	10.5	15.7

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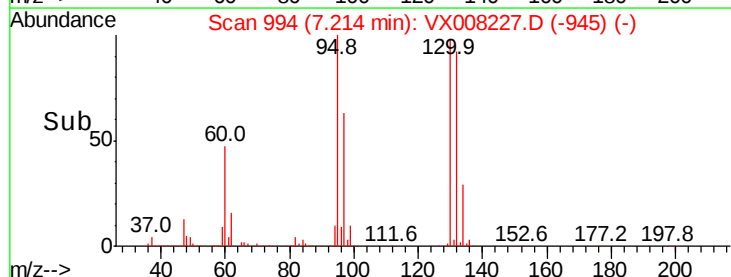
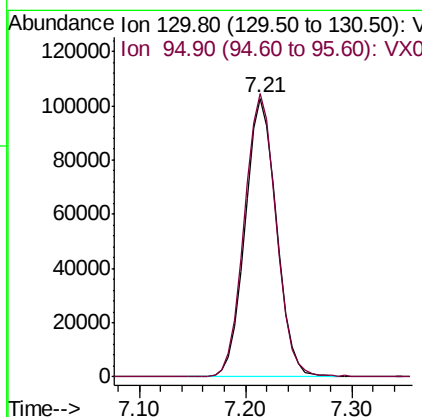
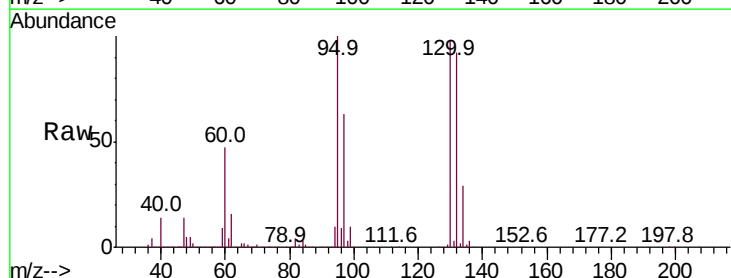
MMDadoda
 3/20/2019 10:27:48 AM

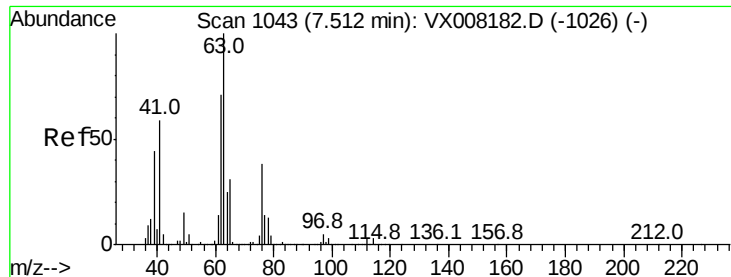


#44

Trichloroethene
 Concen: 51.650 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	188.0





#45

1,2-Dichloropropane

Concen: 51.217 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 63 Resp: 241724

Ion Ratio Lower Upper

63 100

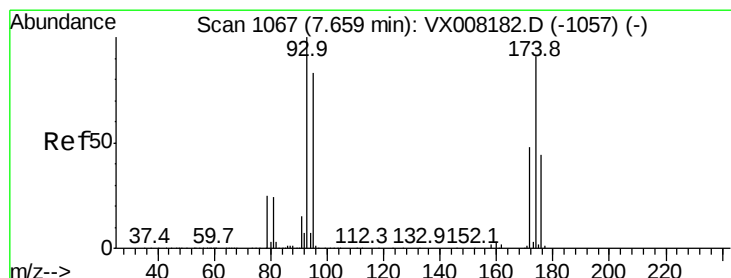
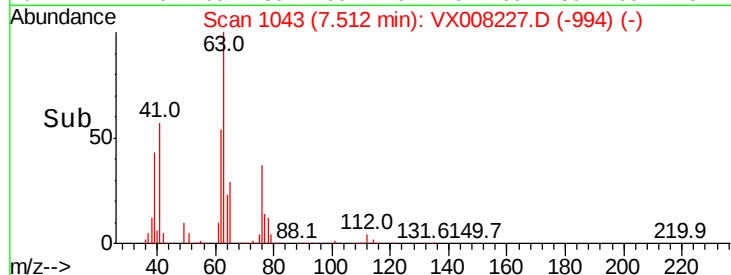
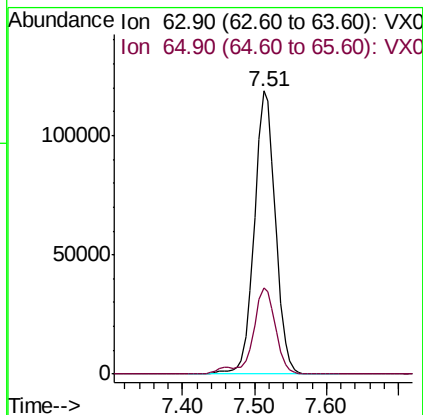
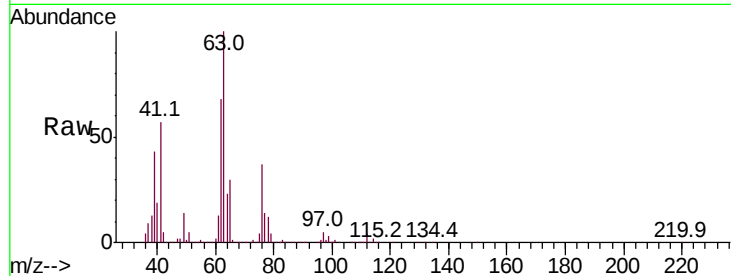
65 30.4 24.7 37.1

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#46

Dibromomethane

Concen: 50.666 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

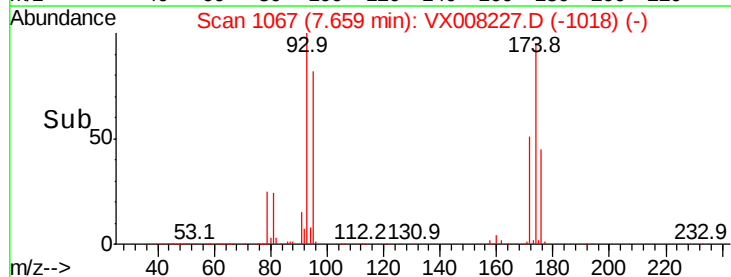
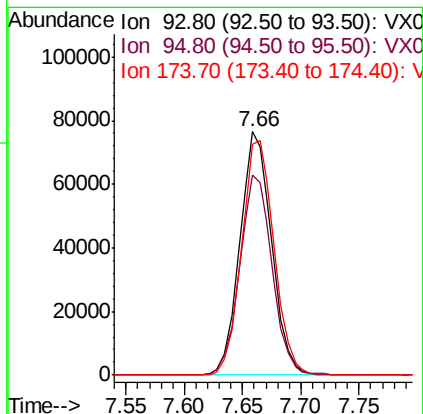
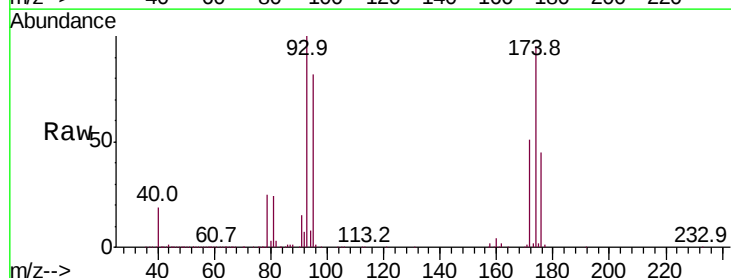
Tgt Ion: 93 Resp: 144781

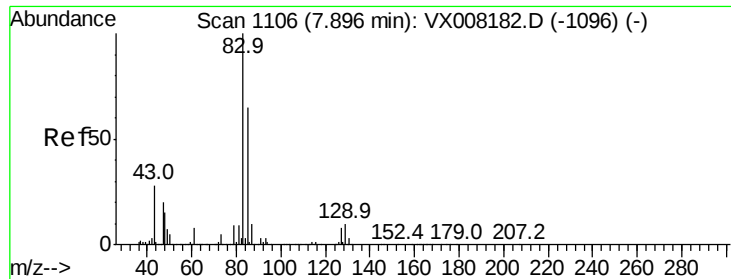
Ion Ratio Lower Upper

93 100

95 84.0 66.8 100.2

174 99.2 97.3 145.9





#47

Bromodichloromethane

Concen: 52.624 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

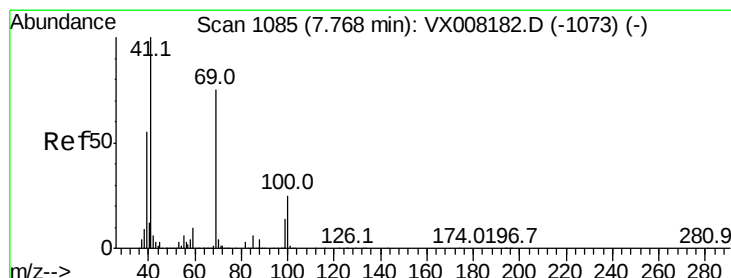
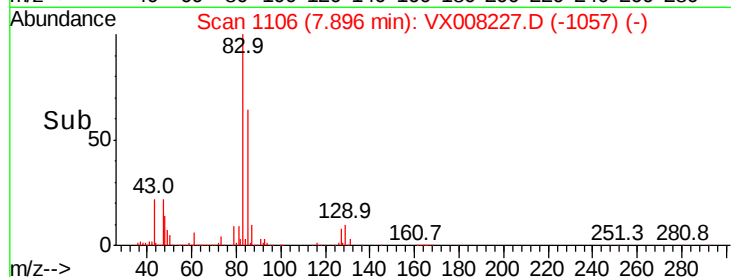
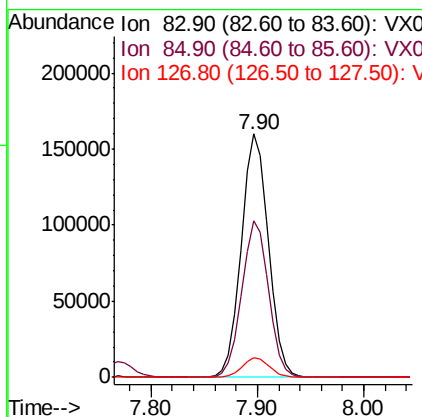
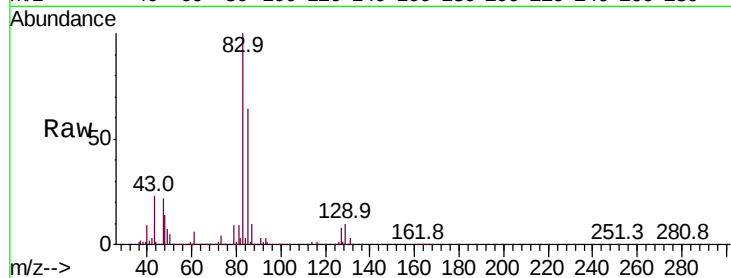
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	83	Resp:	286583
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.9	76.3
127	8.0	7.4	11.0

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#48

Methyl methacrylate

Concen: 52.118 ug/l

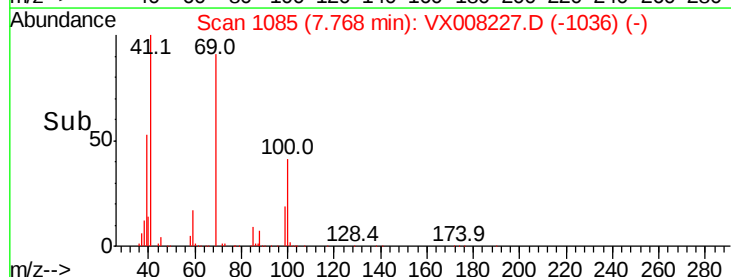
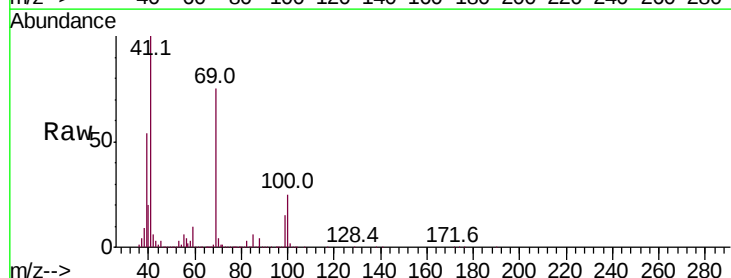
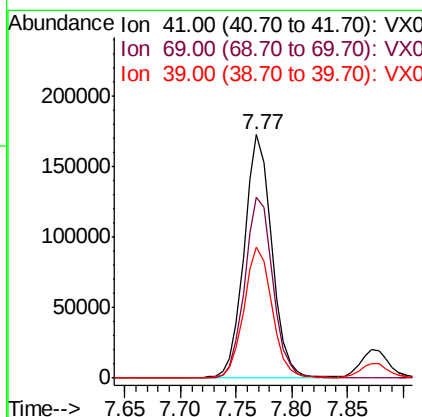
RT: 7.77 min Scan# 1085

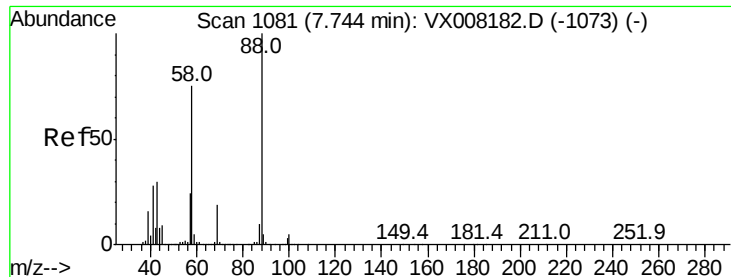
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion:	41	Resp:	299095
Ion Ratio	Lower	Upper	
41	100		
69	76.1	65.2	97.8
39	54.6	39.4	59.2





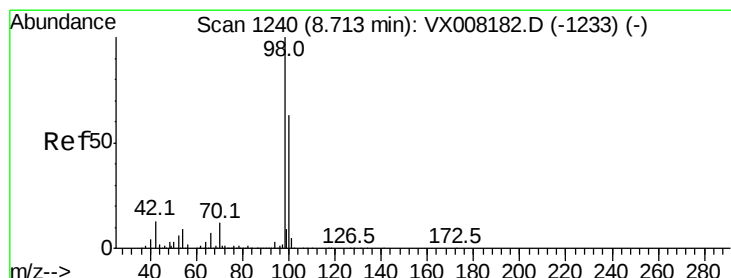
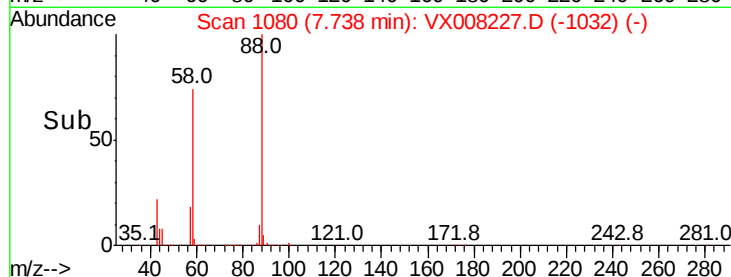
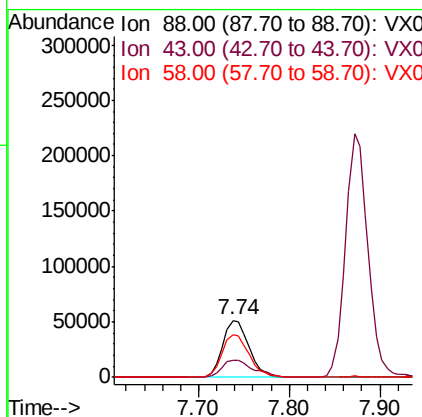
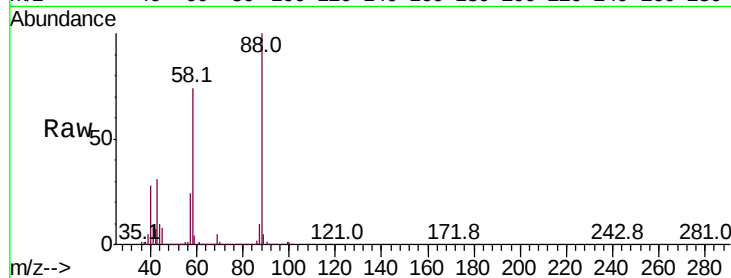
#49
1,4-Dioxane
Concen: 1023.803 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	25.1	37.7
58	77.1	57.8	86.6

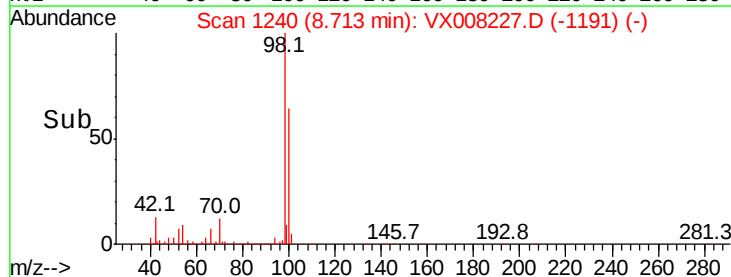
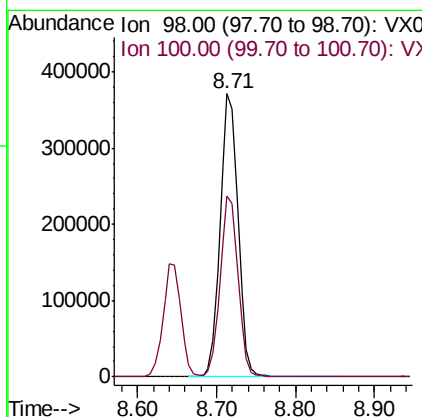
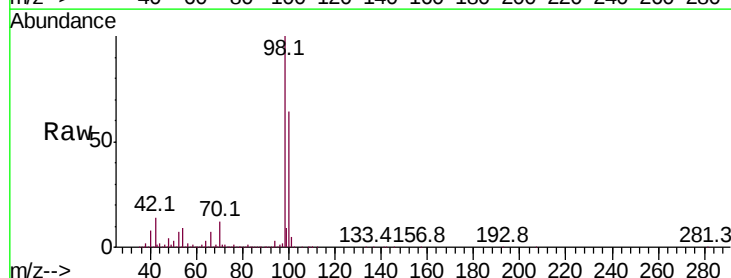
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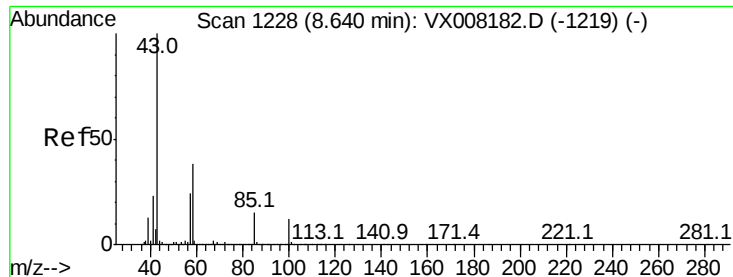
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#50
Toluene-d8
Concen: 47.267 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 262.175 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 43 Resp: 1829346

Ion Ratio Lower Upper

43 100

58 38.0

31.3

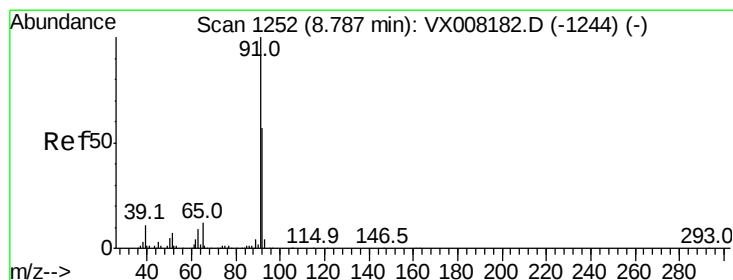
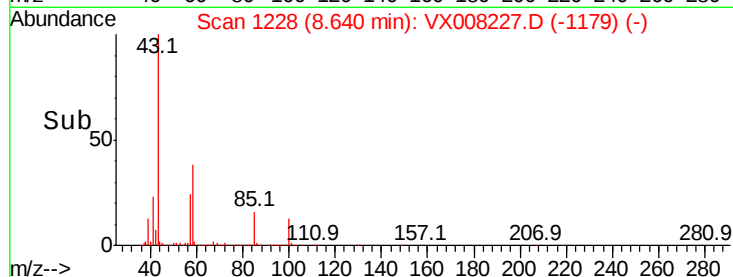
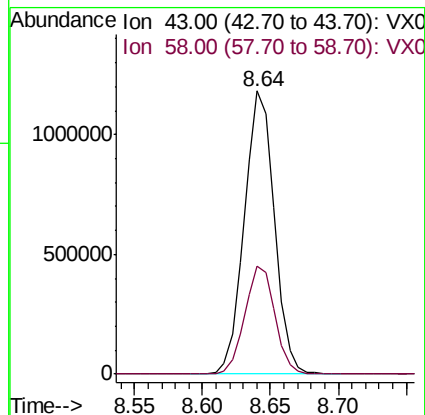
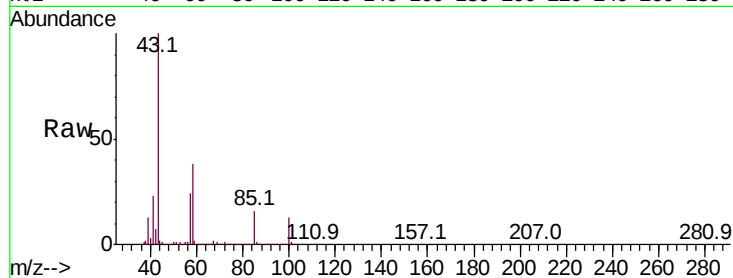
46.9

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#52

Toluene

Concen: 51.343 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion: 92 Resp: 513541

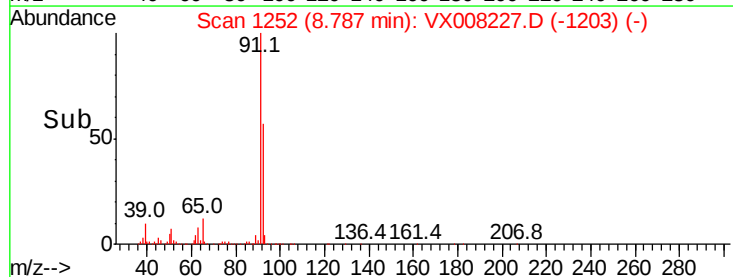
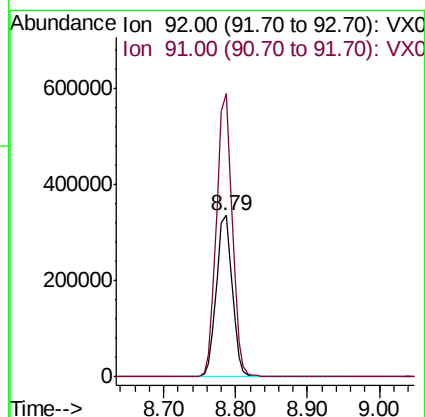
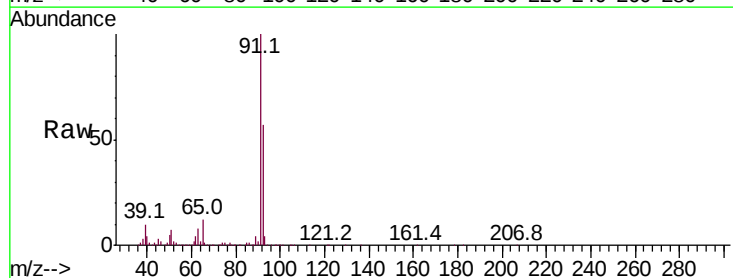
Ion Ratio Lower Upper

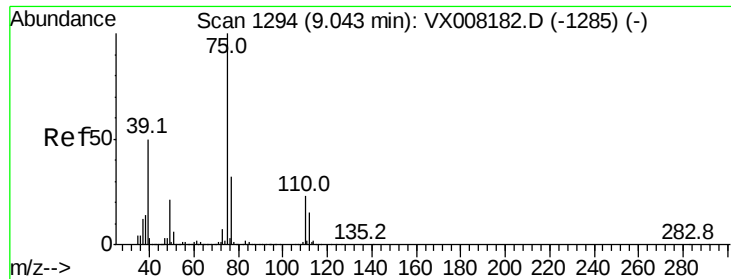
92 100

91 174.4

137.4

206.0





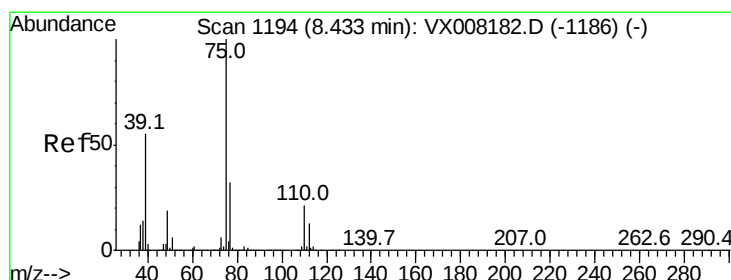
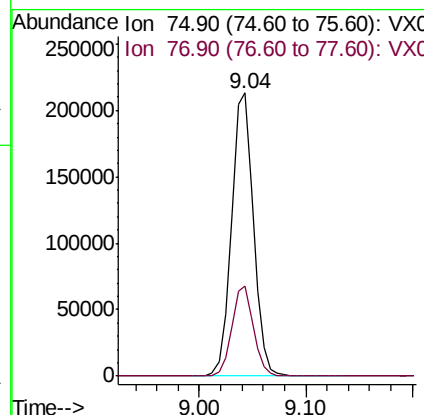
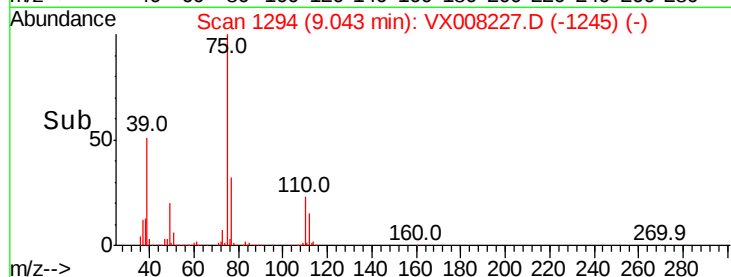
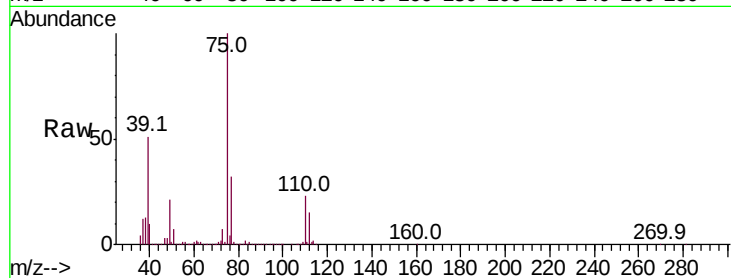
#53
 t-1,3-Dichloropropene
 Concen: 45.250 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0

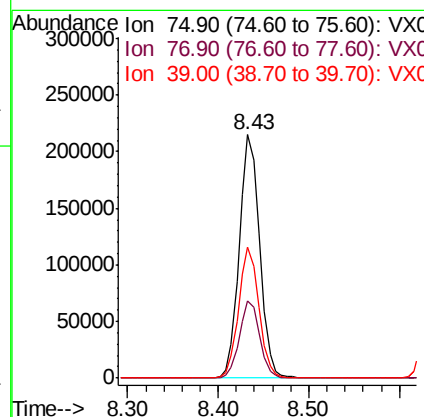
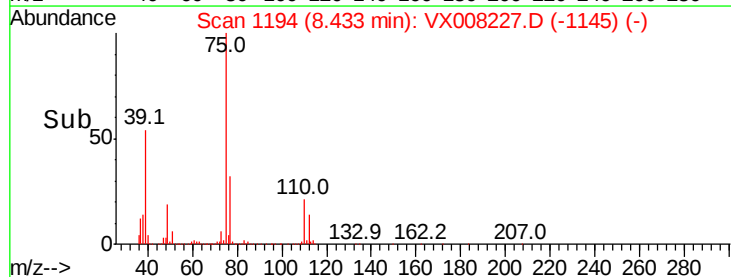
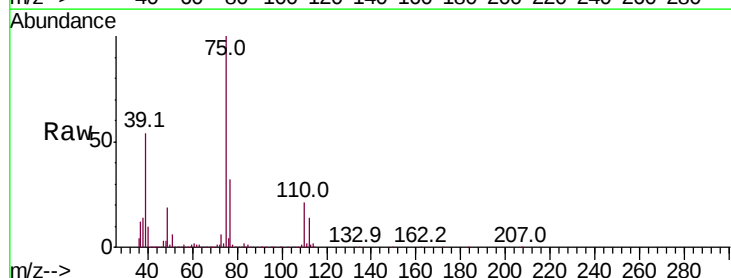
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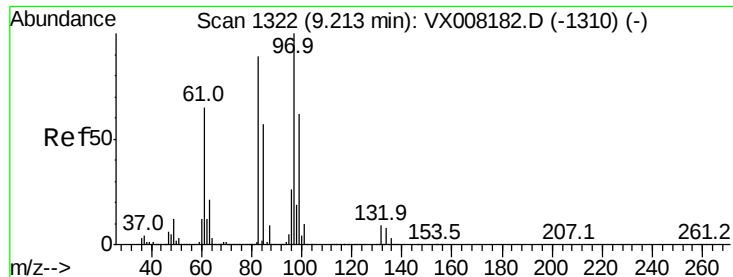
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#54
 cis-1,3-Dichloropropene
 Concen: 49.539 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6
39	53.9	36.6	54.8





#55

1,1,2-Trichloroethane

Concen: 52.636 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

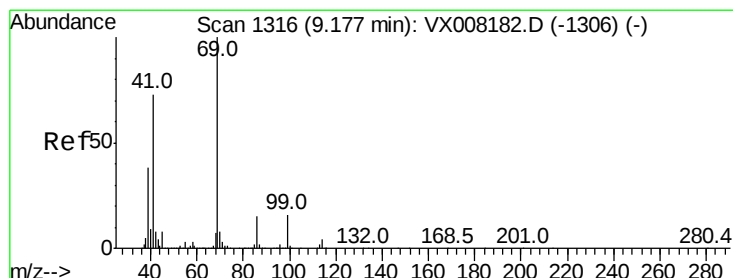
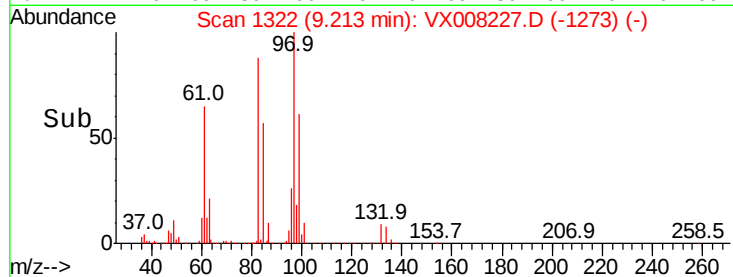
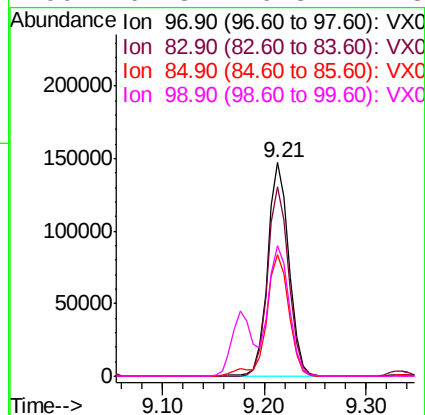
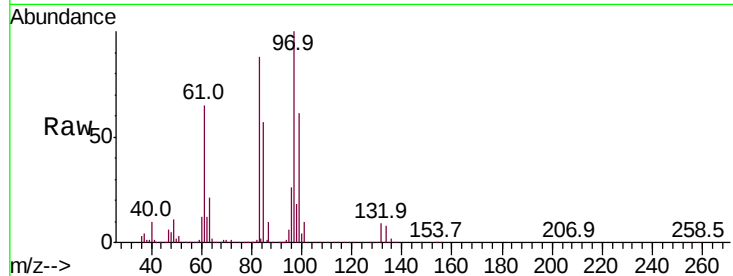
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		212709		
83	88.5	69.1	103.7		
85	57.2	44.3	66.5		
99	61.3	49.8	74.8		

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#56

Ethyl methacrylate

Concen: 48.986 ug/l

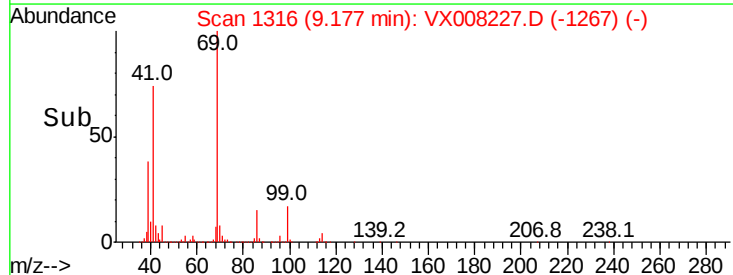
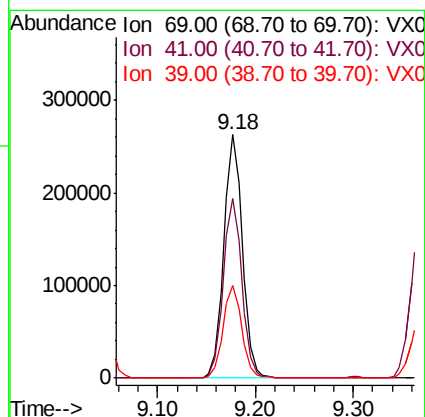
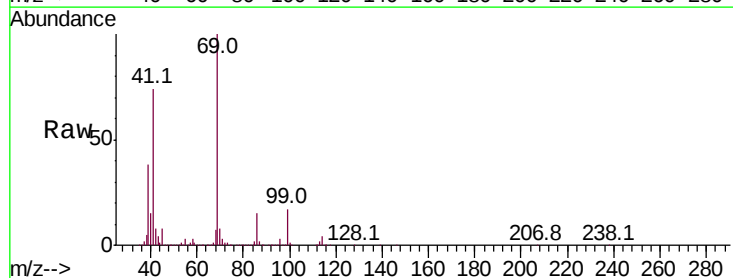
RT: 9.18 min Scan# 1316

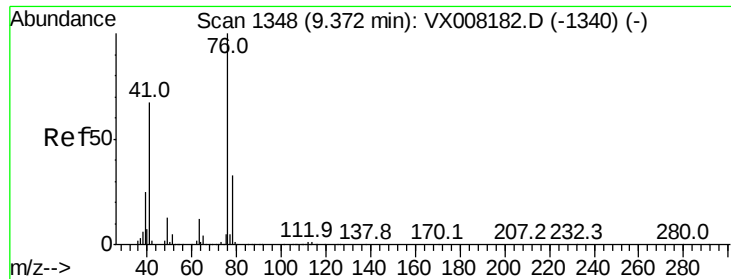
Delta R.T. 0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		347157		
41	73.8	54.2	81.4		
39	38.0	25.0	37.4#		





#57

1,3-Dichloropropane

Concen: 52.105 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 76 Resp: 372495

Ion Ratio Lower Upper

76 100

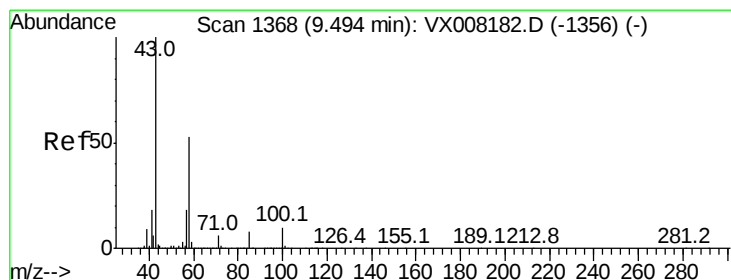
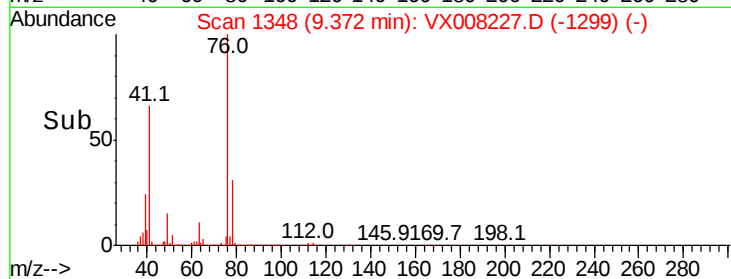
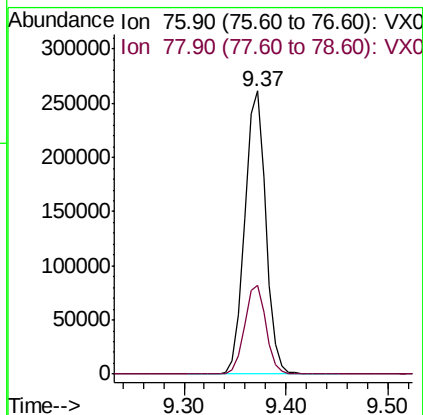
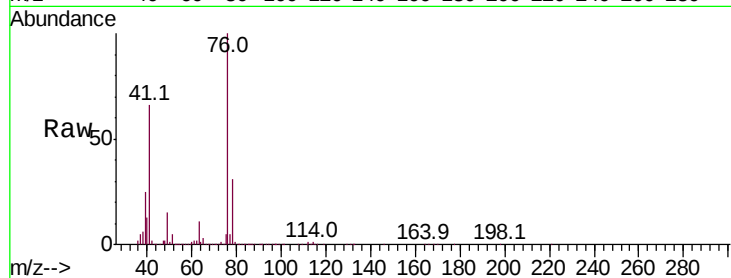
78 31.8 25.5 38.3

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#59

2-Hexanone

Concen: 256.976 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008227.D

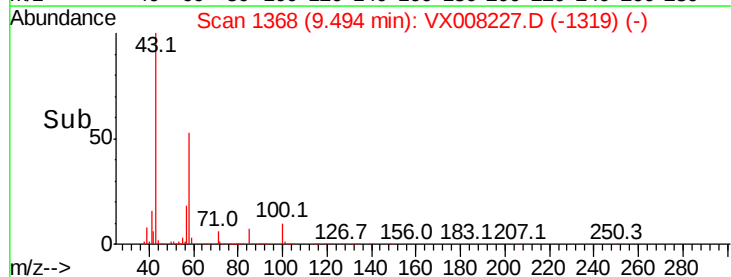
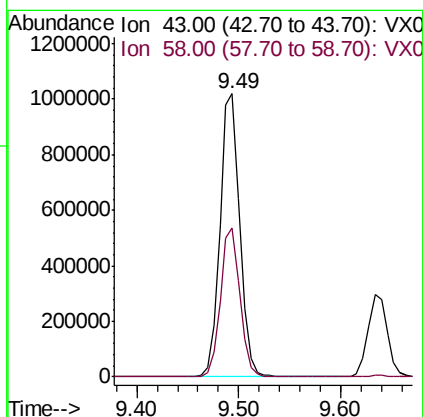
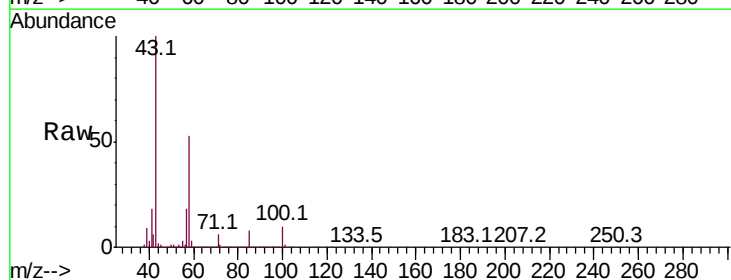
Acq: 20 Mar 2019 07:21

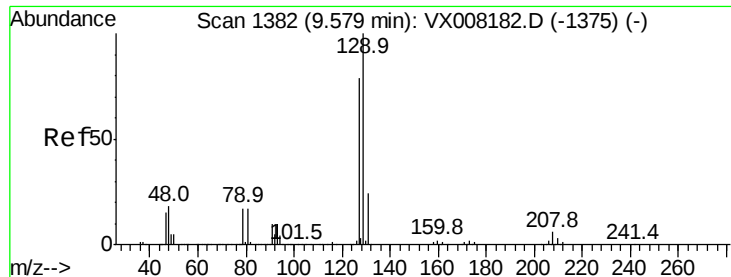
Tgt Ion: 43 Resp: 1380445

Ion Ratio Lower Upper

43 100

58 52.1 27.6 82.7





#60

Dibromochloromethane

Concen: 54.210 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:129 Resp: 210537

Ion Ratio Lower Upper

129 100

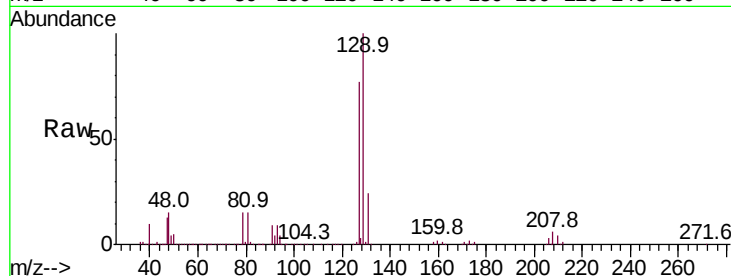
127 77.6 38.3 114.8

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

150000

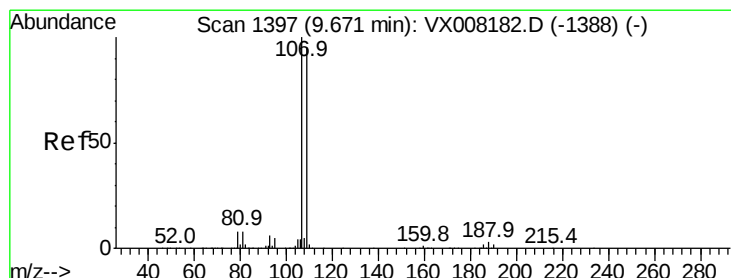
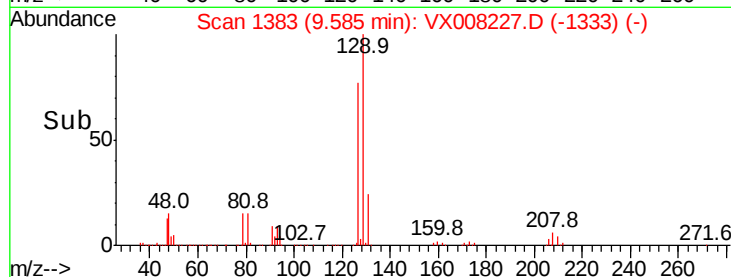
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 52.297 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008227.D

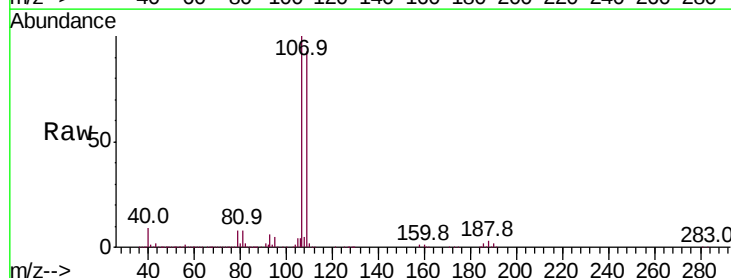
Acq: 20 Mar 2019 07:21

Tgt Ion:107 Resp: 220673

Ion Ratio Lower Upper

107 100

109 93.2 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

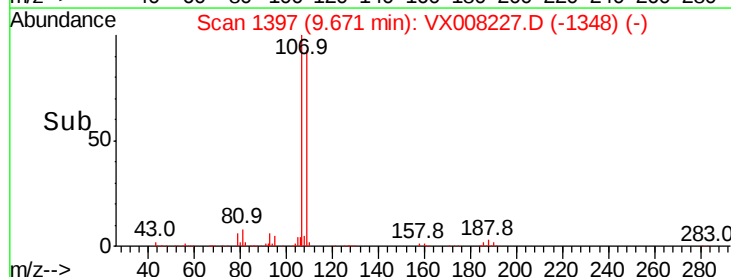
100000

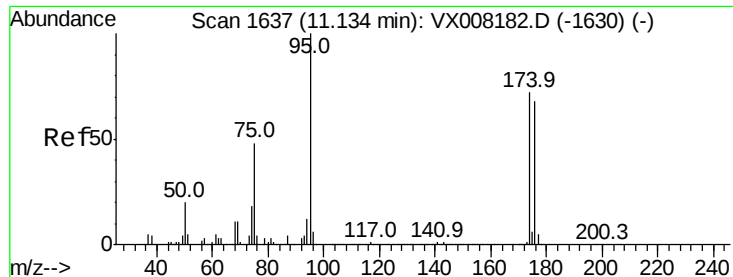
50000

0

9.60 9.70 9.80

Time-->





#62

4-Bromofluorobenzene

Concen: 48.467 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

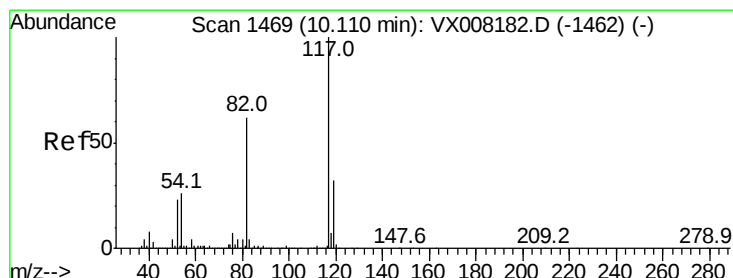
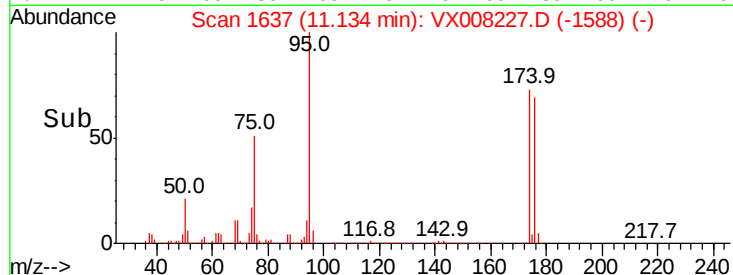
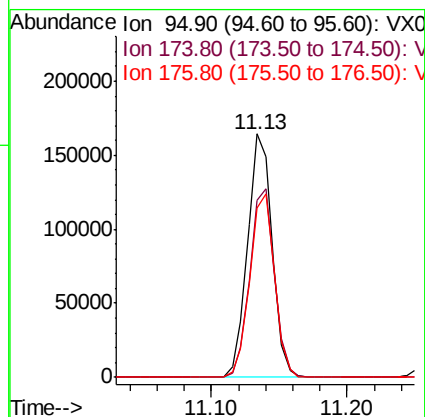
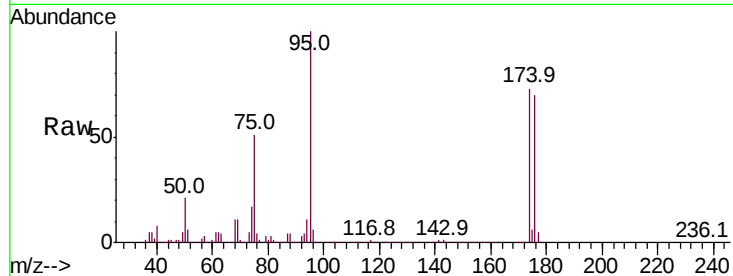
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	95	Resp:	207224
Ion Ratio	Lower	Upper	
95	100		
174	78.4	0.0	182.8
176	76.1	0.0	178.0

Manual Integrations
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3/20/2019 10:27:48 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

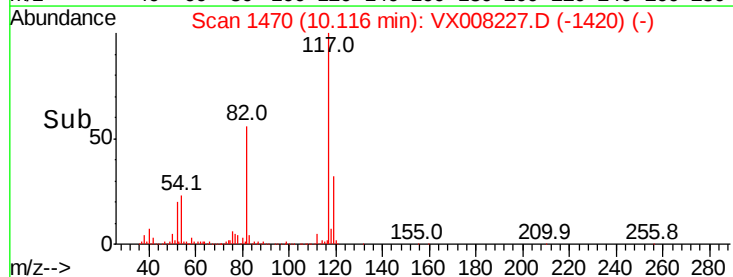
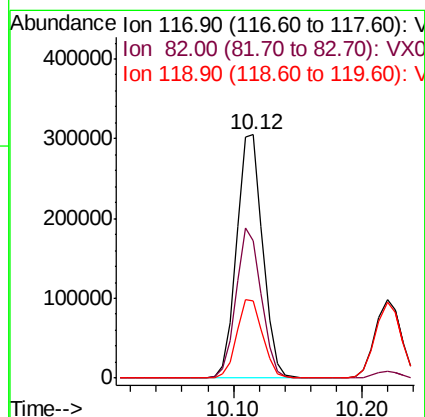
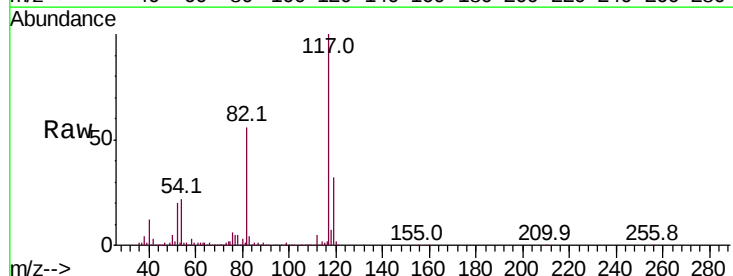
RT: 10.12 min Scan# 1470

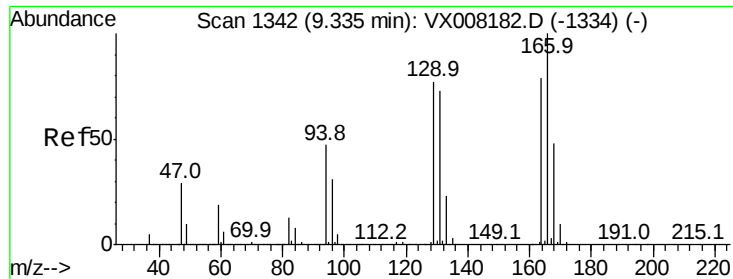
Delta R.T. 0.01 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion:	117	Resp:	429176
Ion Ratio	Lower	Upper	
117	100		
82	56.5	44.3	66.5
119	32.0	25.3	37.9





#64

Tetrachloroethene

Concen: 51.274 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:164 Resp: 198531

Ion Ratio Lower Upper

164 100

166 130.0 103.4 155.0

129 98.0 72.2 108.4

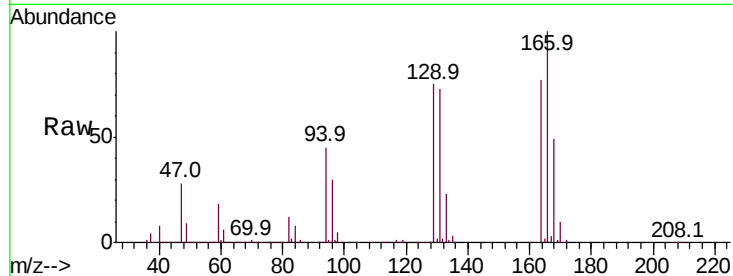
131 95.1 69.4 104.2

Manual Integrations

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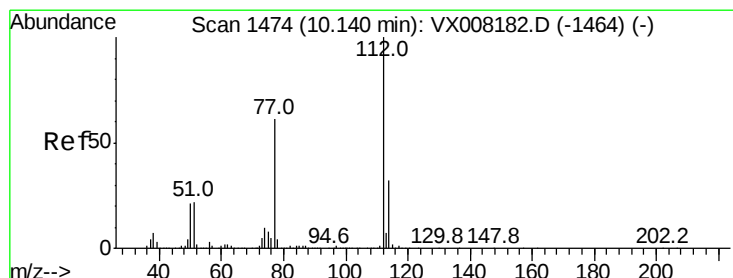
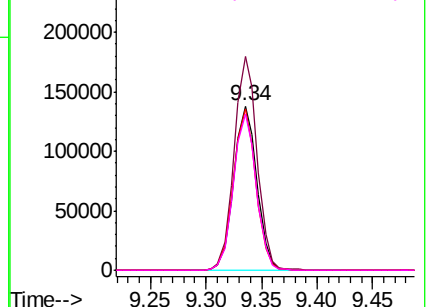
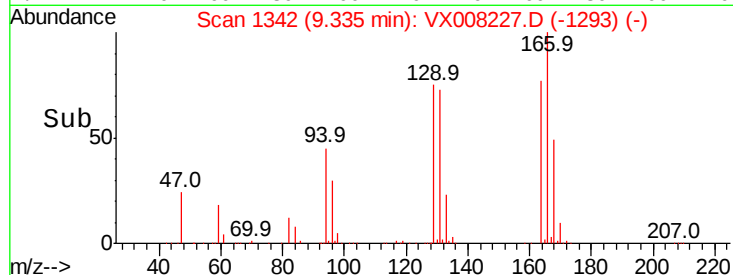
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.995 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008227.D

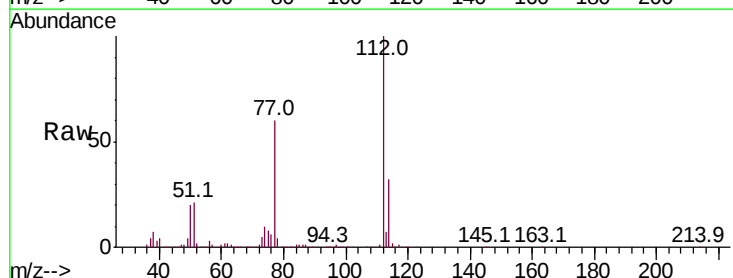
Acq: 20 Mar 2019 07:21

Tgt Ion:112 Resp: 538525

Ion Ratio Lower Upper

112 100

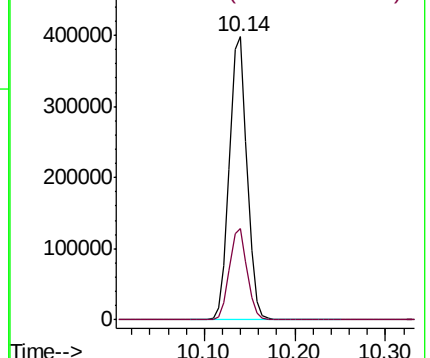
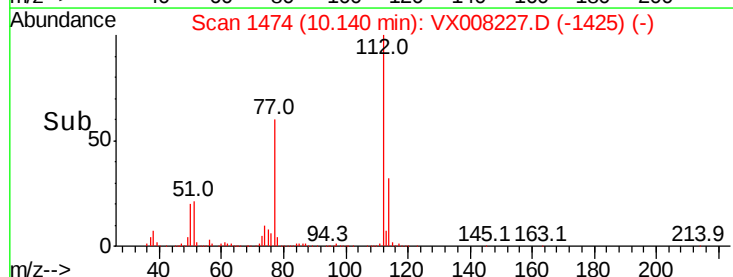
114 32.1 26.0 39.0

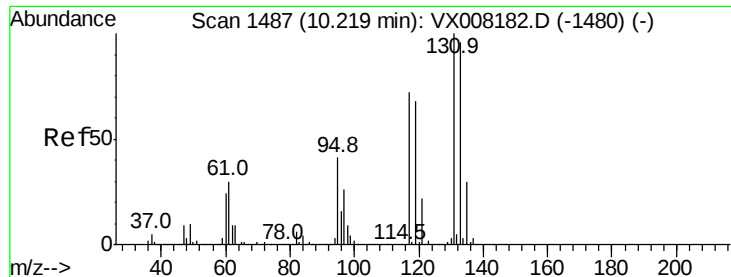


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.623 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

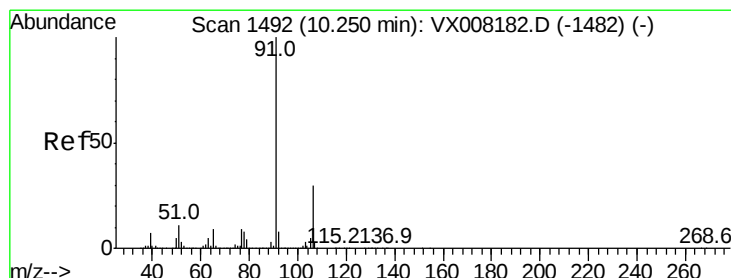
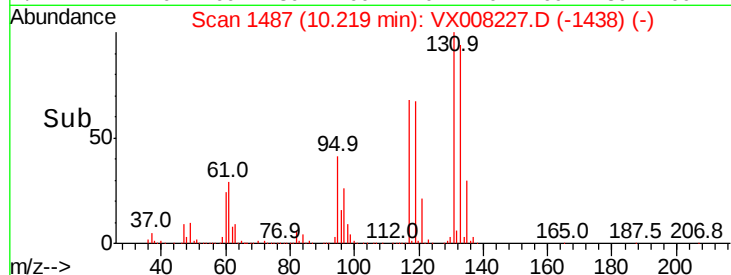
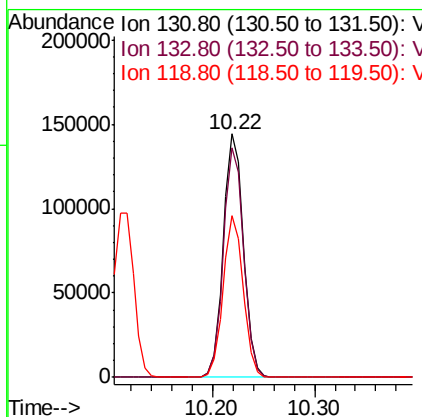
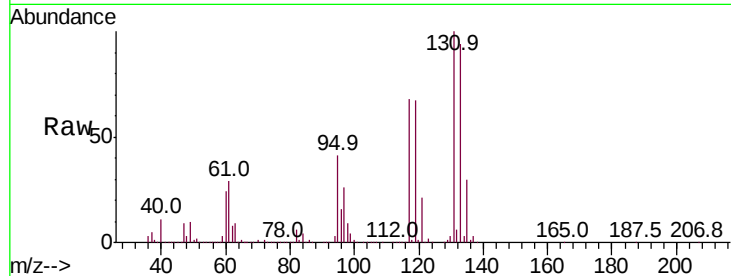
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	131	Resp:	197436
Ion Ratio	Lower	Upper	
131	100		
133	94.6	47.8	143.3
119	66.2	32.5	97.5

Manual Integrations
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3/20/2019 10:27:48 AM



#67

Ethyl Benzene

Concen: 52.082 ug/l

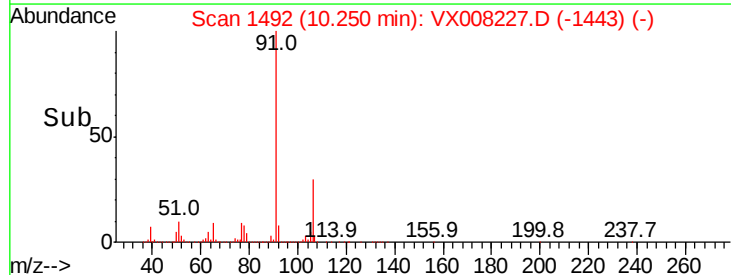
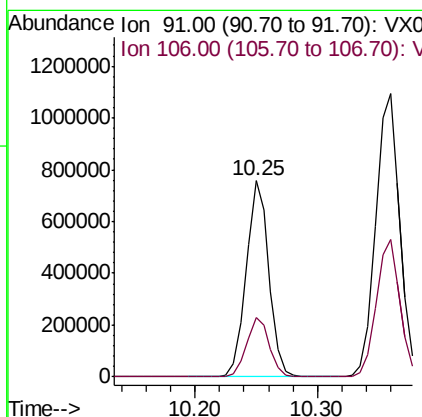
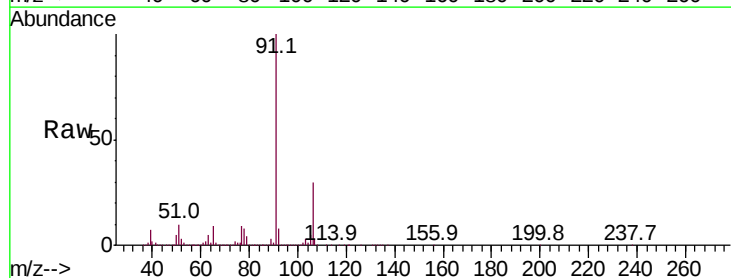
RT: 10.25 min Scan# 1492

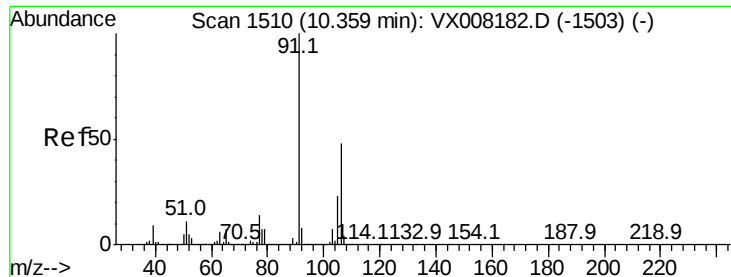
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion:	91	Resp:	969218
Ion Ratio	Lower	Upper	
91	100		
106	30.3	25.2	37.8





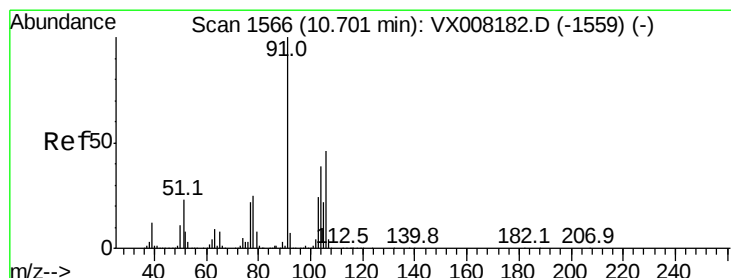
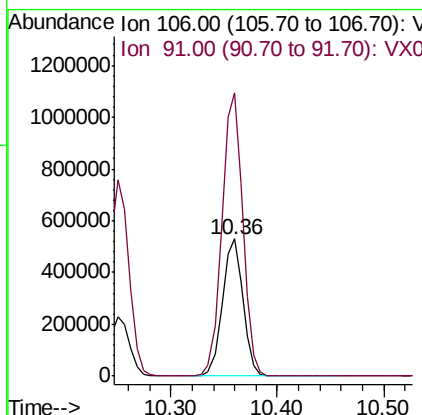
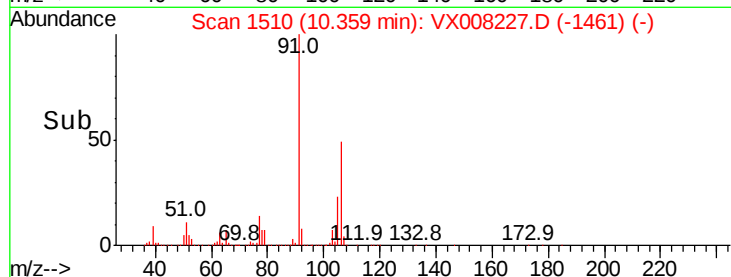
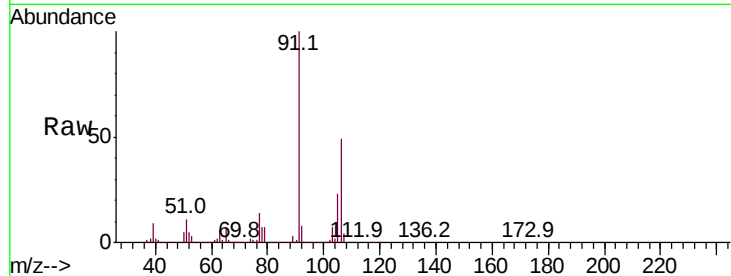
#68
m/p-Xylenes
Concen: 104.360 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.0	159.8	239.6

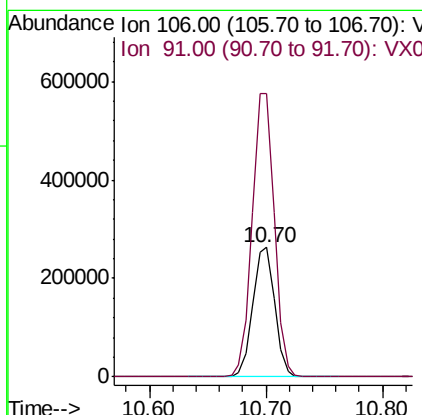
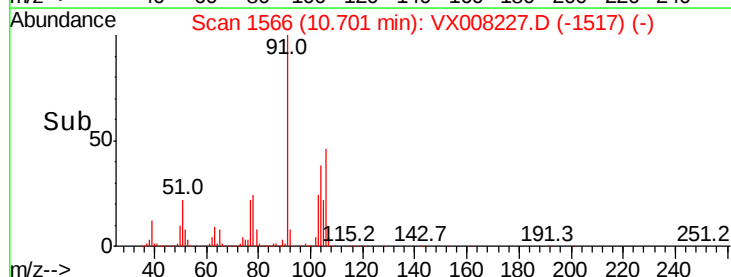
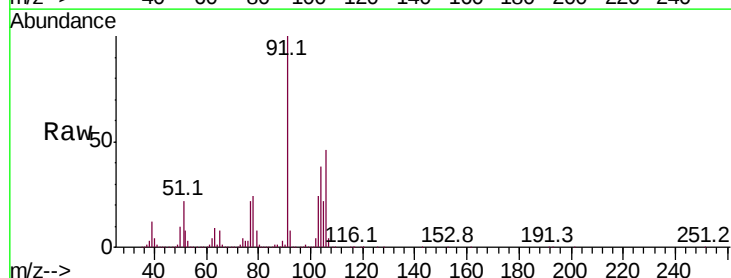
Manual Integrations
APPROVED

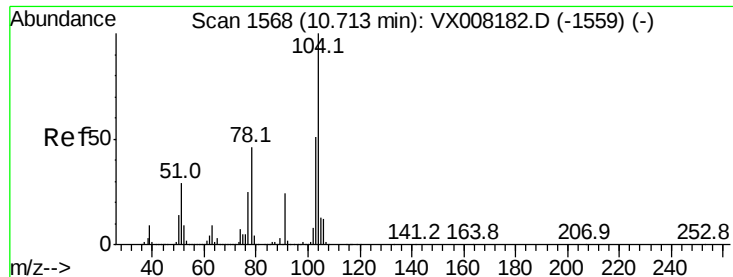
MMDadoda
3/20/2019 10:27:48 AM



#69
o-Xylene
Concen: 52.334 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
106	100		
91	221.0	106.3	318.9





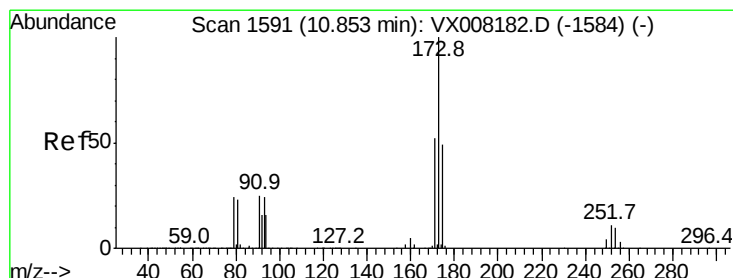
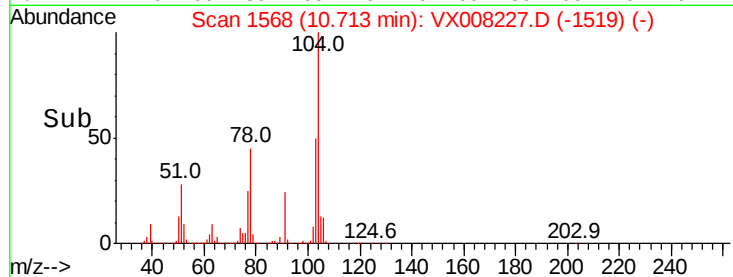
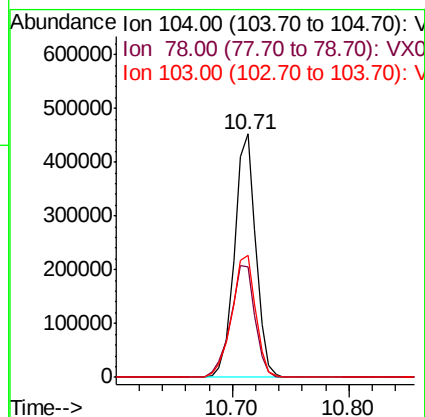
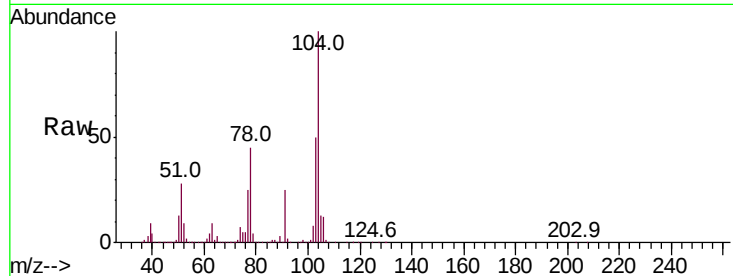
#70
Stvrene
Concen: 53.380 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.7	38.5	57.7
103	55.7	44.1	66.1

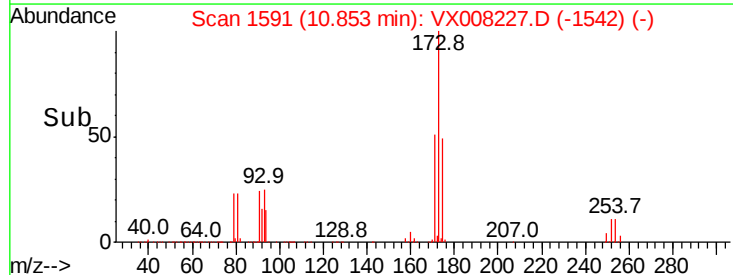
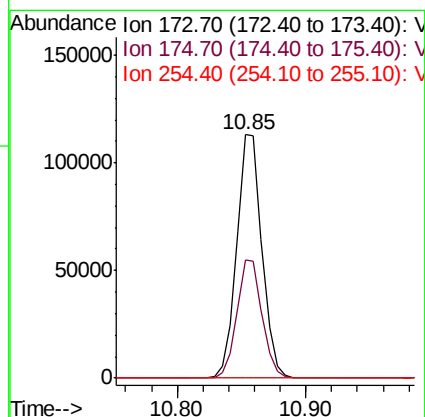
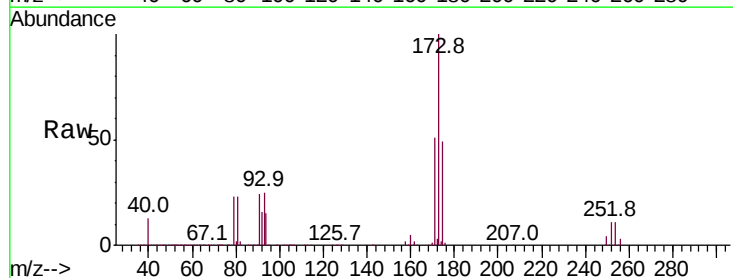
Manual Integrations
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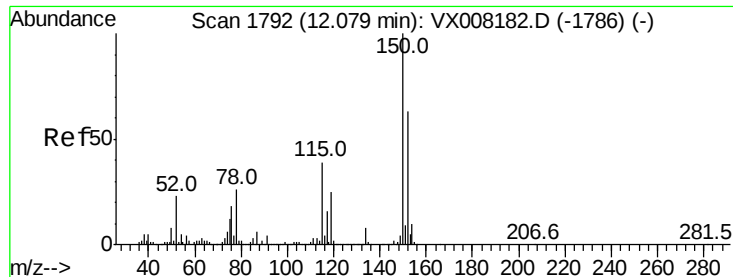
MMDadoda
3/20/2019 10:27:48 AM



#71
Bromoform
Concen: 48.547 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.9
254	0.2	0.1	0.1#





#72

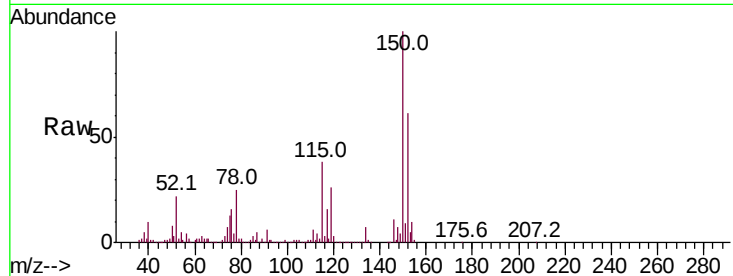
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

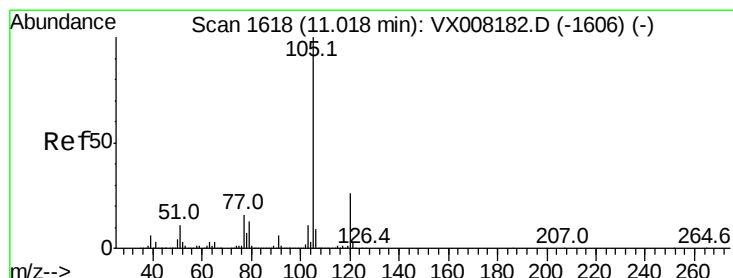
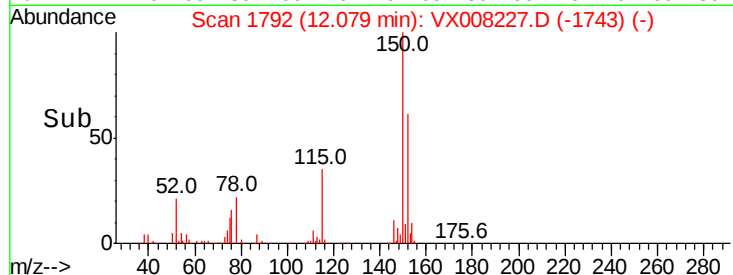
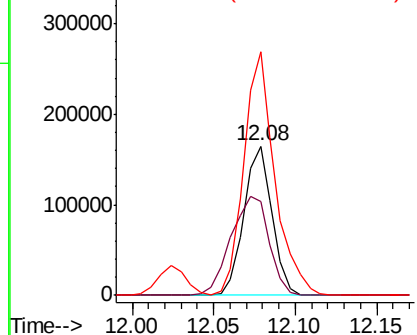
Tot Ion	Ratio	Resp	Lower	Upper
152	100	197952		
115	89.6	38.6	115.7	
150	179.5	0.0	348.4	

Manual Integrations
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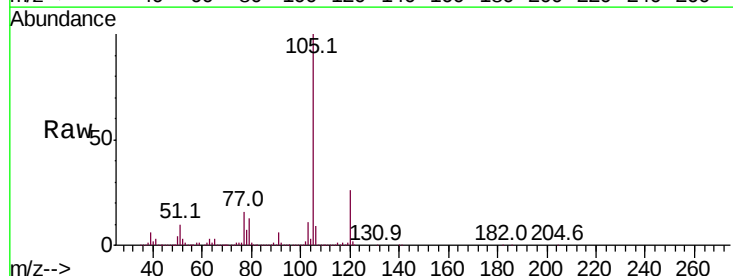
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



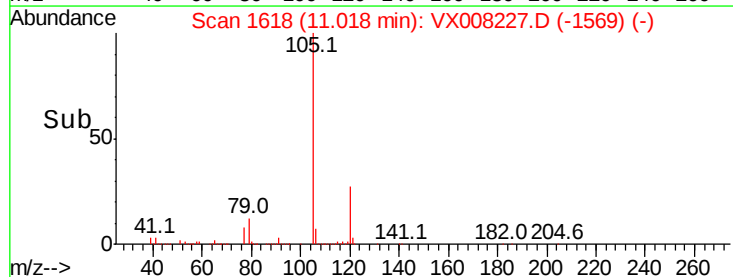
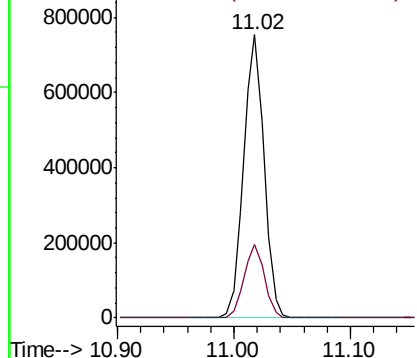
#73

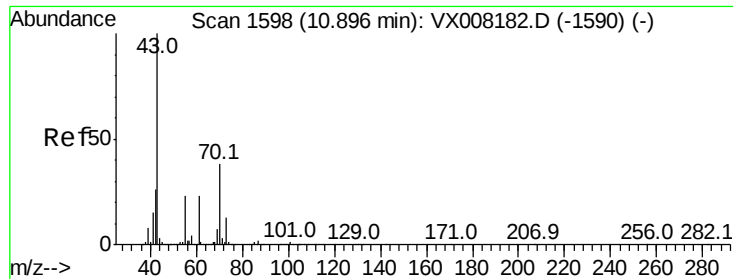
Isopropylbenzene
Concen: 52.419 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	924907		
120	25.8	13.4	40.1	



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





#74

N-amvl acetate

Concen: 40.759 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

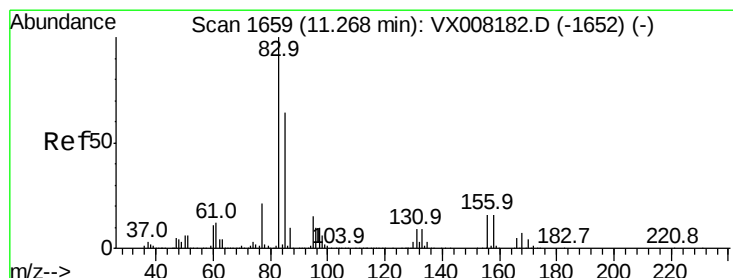
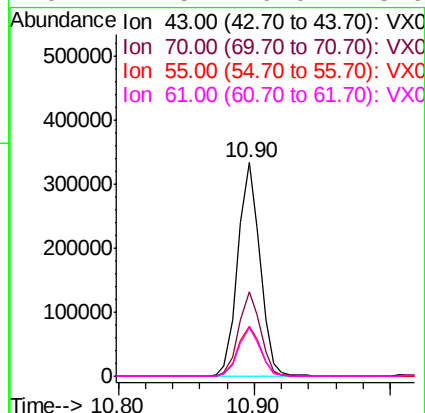
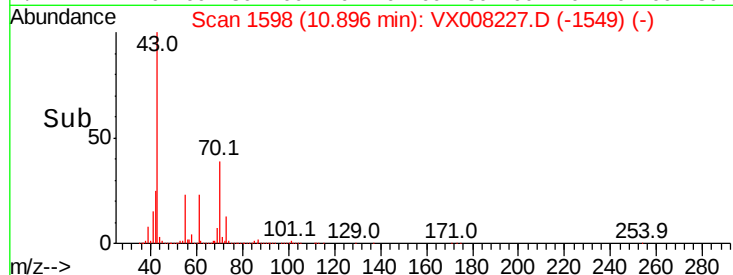
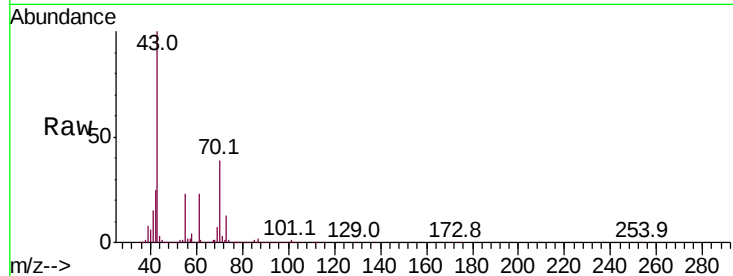
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	39.4	33.5	50.3	
55	24.0	19.2	28.8	
61	22.5	19.0	28.6	

Manual Integrations
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MMDadoda
3/20/2019 10:27:48 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 50.831 ug/l

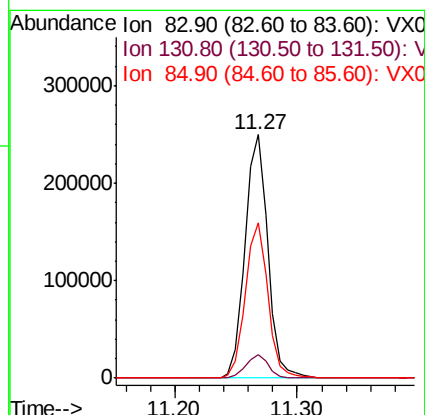
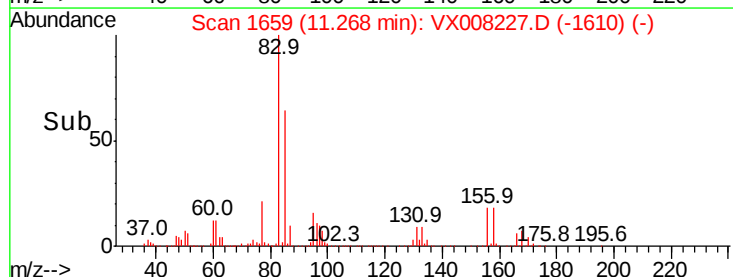
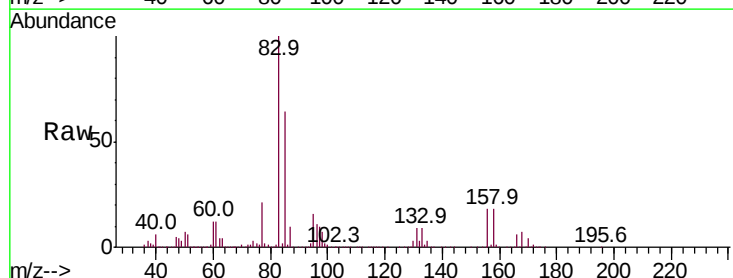
RT: 11.27 min Scan# 1659

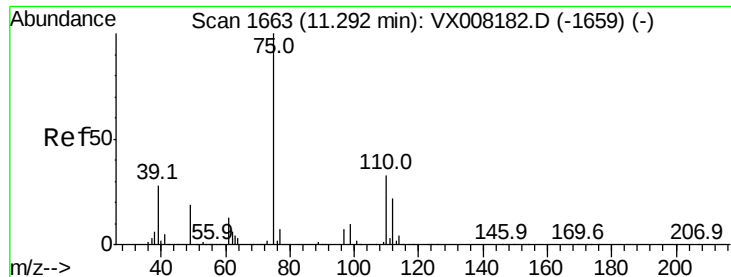
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	9.4	5.4	16.2	
85	63.7	32.3	96.8	





#76

1,2,3-Trichloropropane

Concen: 49.909 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 75 Resp: 277873

Ion Ratio Lower Upper

75 100

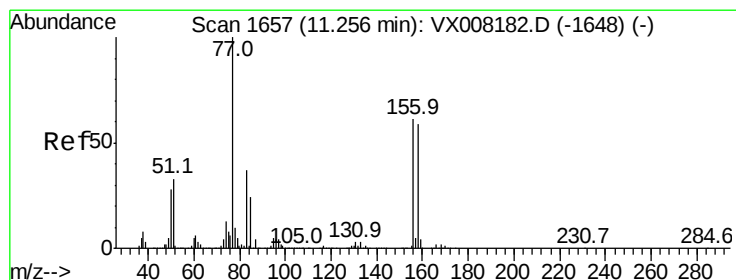
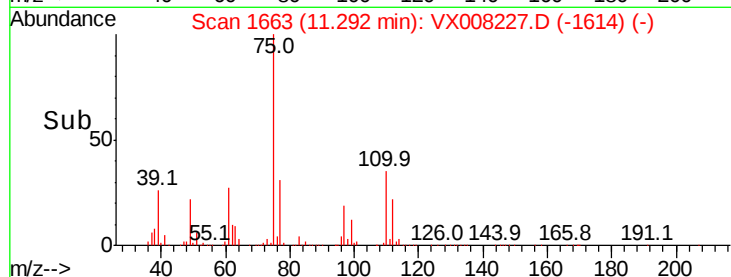
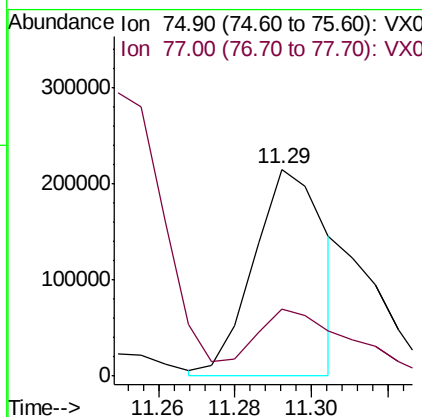
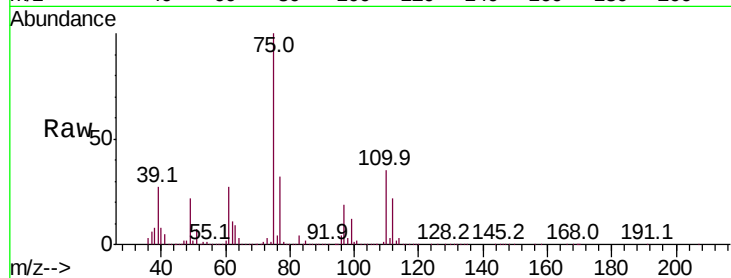
77 43.6 18.9 56.7

Manual Integrations

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#77

Bromobenzene

Concen: 52.056 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

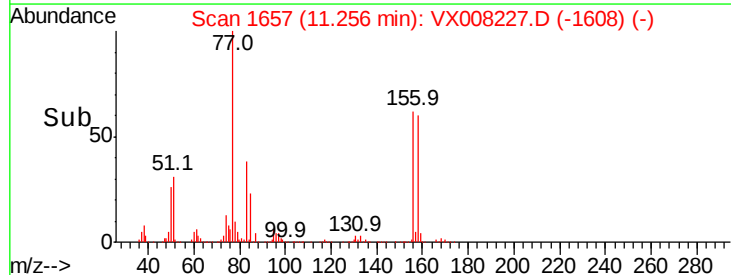
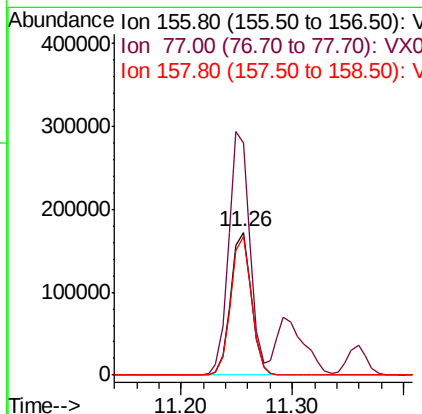
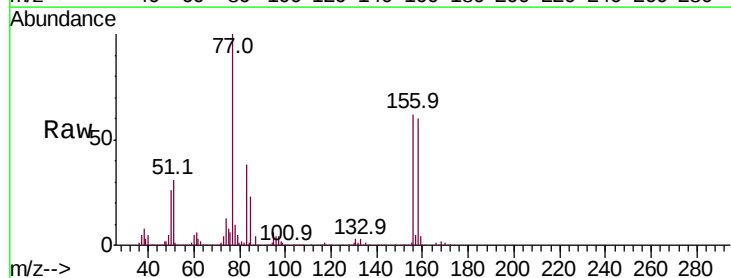
Tgt Ion: 156 Resp: 222079

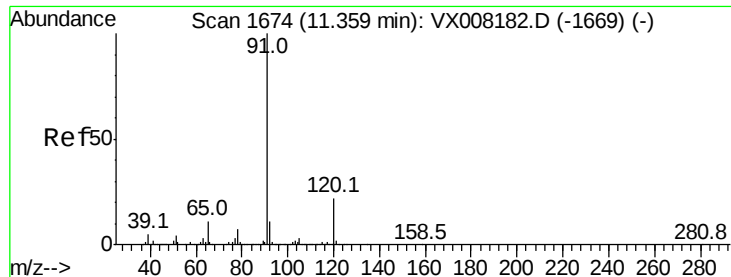
Ion Ratio Lower Upper

156 100

77 172.5 72.0 215.9

158 97.0 48.6 145.9





#78

n-propylbenzene

Concen: 52.489 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 91 Resp: 1075687

Ion Ratio Lower Upper

91 100

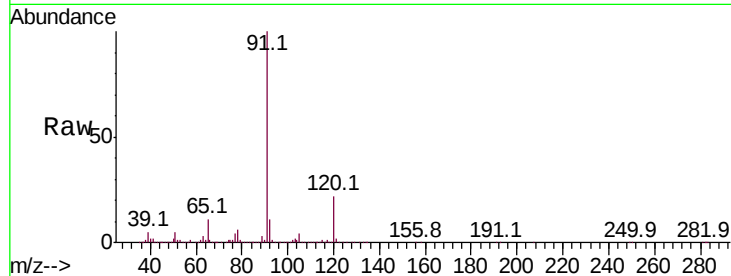
120 21.9 12.0 36.0

Manual Integrations

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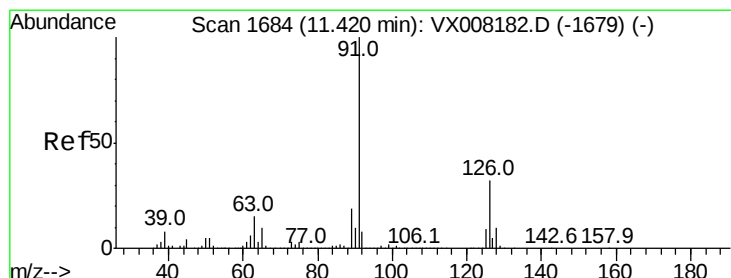
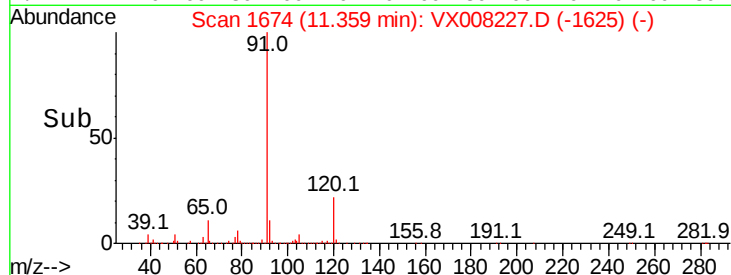
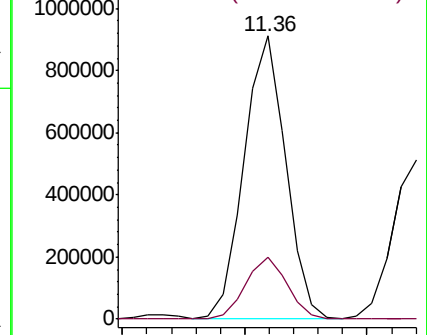
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.236 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008227.D

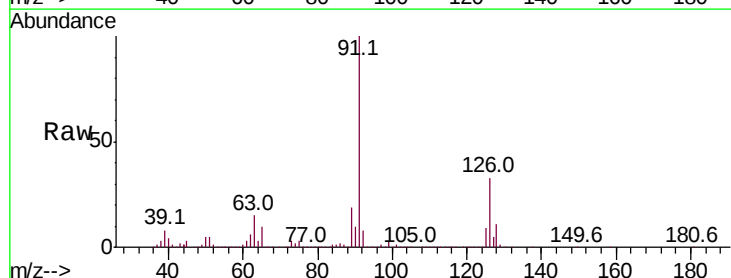
Acq: 20 Mar 2019 07:21

Tgt Ion: 91 Resp: 630220

Ion Ratio Lower Upper

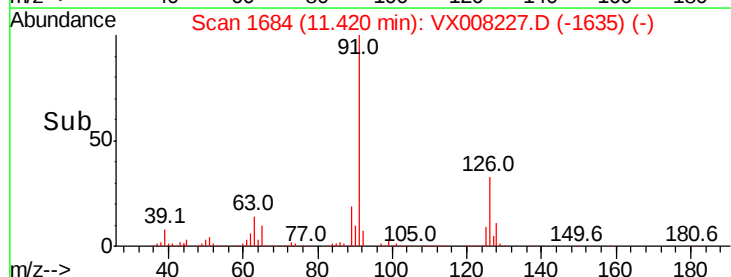
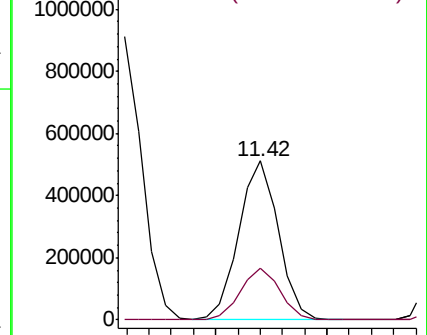
91 100

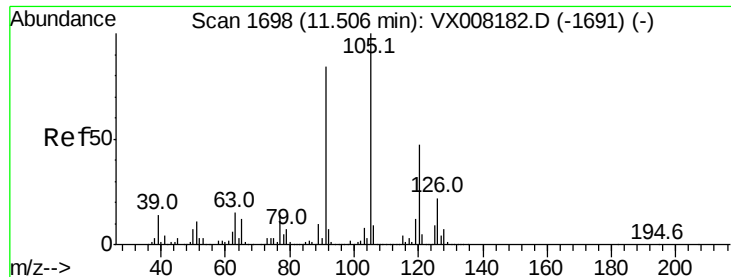
126 32.8 17.5 52.6



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: 52.257 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:105 Resp: 761766

Ion Ratio Lower Upper

105 100

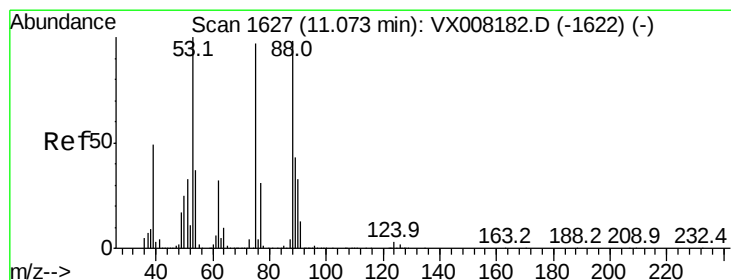
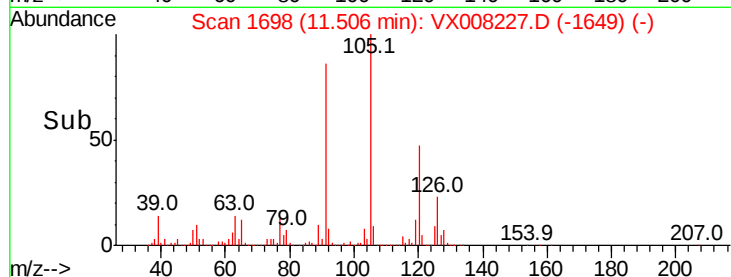
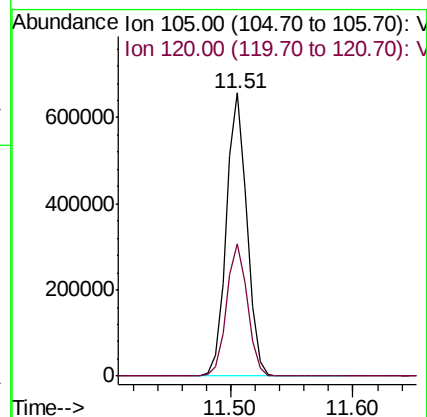
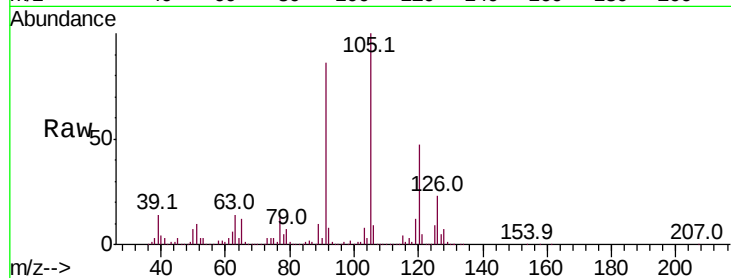
120 47.5 24.9 74.6

Manual Integrations

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#81

trans-1,4-Dichloro-2-butene

Concen: 42.356 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

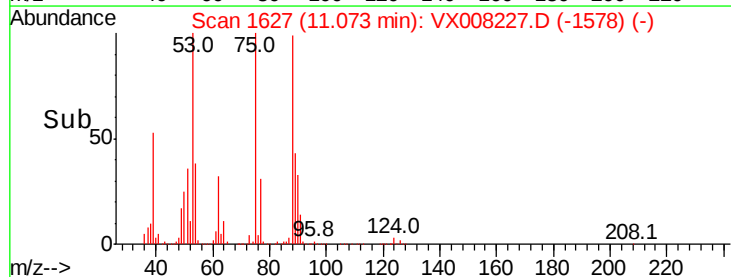
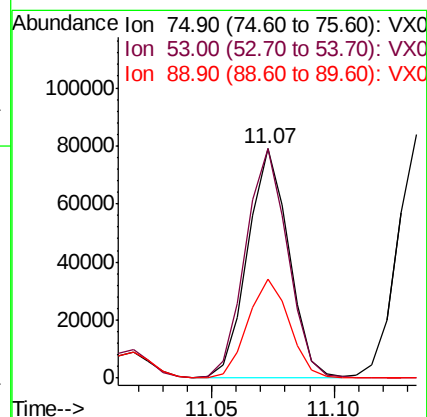
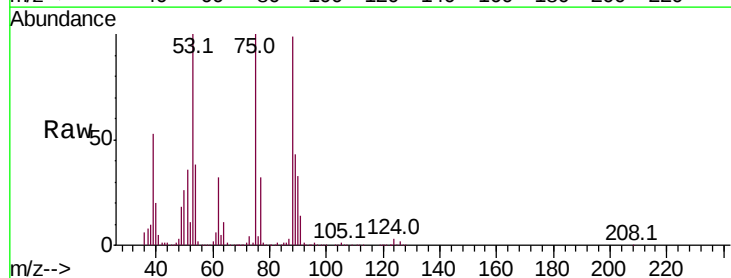
Tgt Ion: 75 Resp: 92012

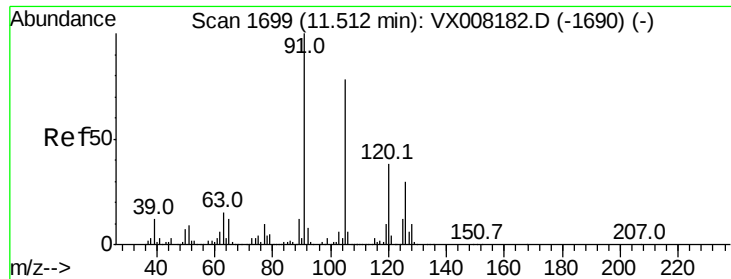
Ion Ratio Lower Upper

75 100

53 102.7 76.1 114.1

89 44.3 36.3 54.5





#82

4-Chlorotoluene

Concen: 51.573 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion: 91 Resp: 738188

Ion Ratio Lower Upper

91 100

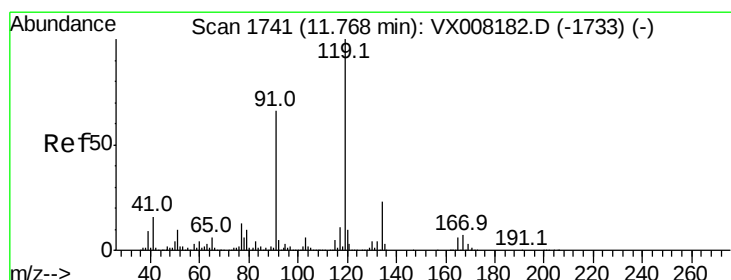
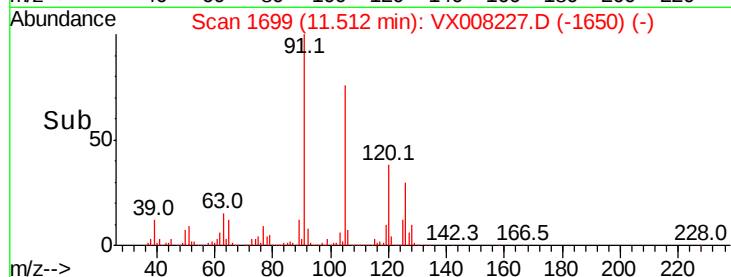
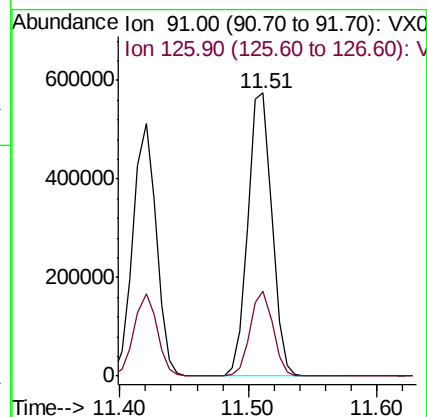
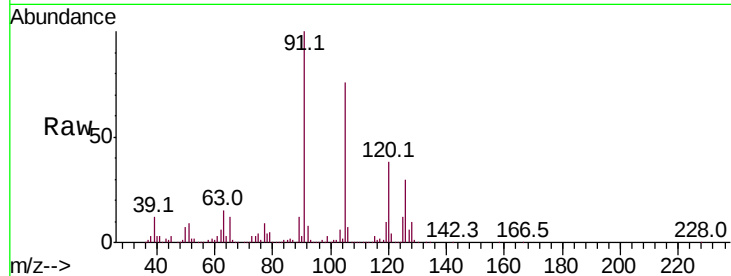
126 28.4 15.6 46.8

Manual Integrations

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#83

tert-Butylbenzene

Concen: 52.173 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

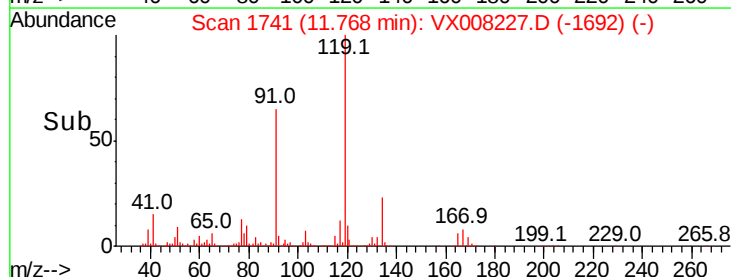
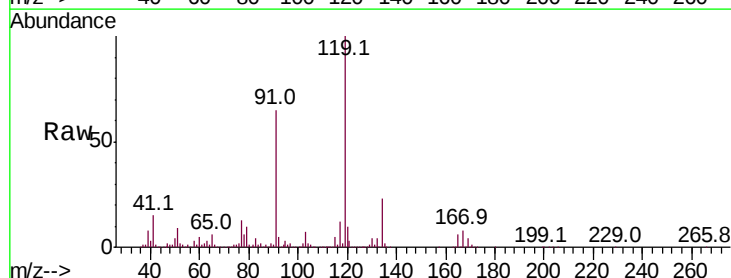
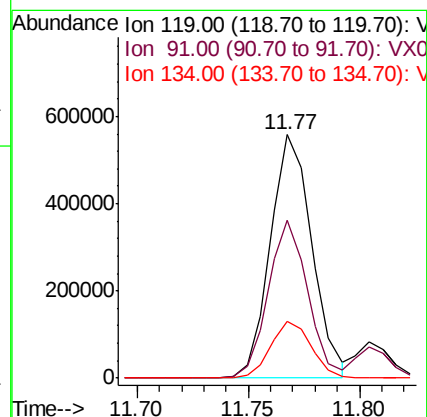
Tgt Ion: 119 Resp: 726105

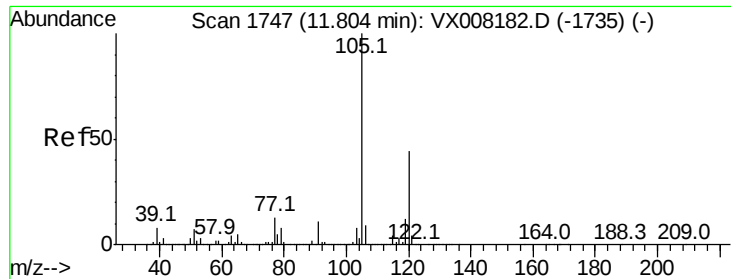
Ion Ratio Lower Upper

119 100

91 61.4 27.1 81.3

134 22.6 11.4 34.1





#84

1,2,4-Trimethylbenzene

Concen: 52.777 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:105 Resp: 779945

Ion Ratio Lower Upper

105 100

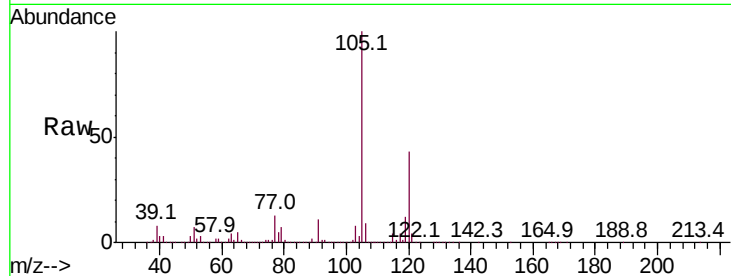
120 43.0 22.6 67.7

Manual Integrations

APPROVED

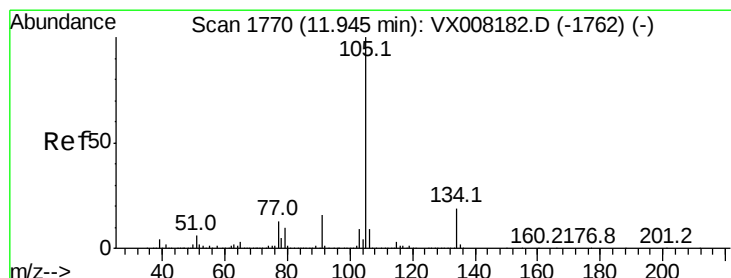
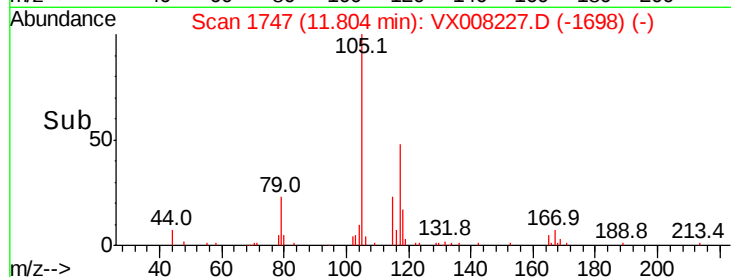
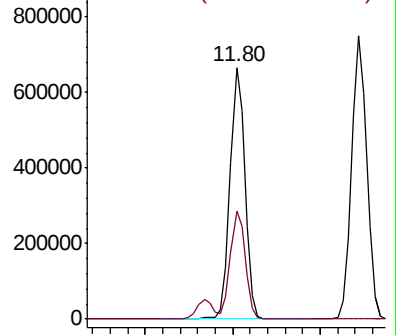
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 52.495 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008227.D

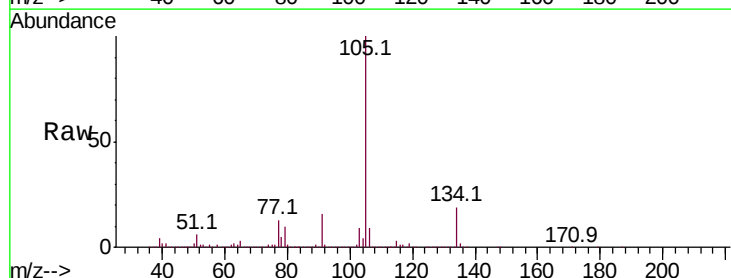
Acq: 20 Mar 2019 07:21

Tgt Ion:105 Resp: 904748

Ion Ratio Lower Upper

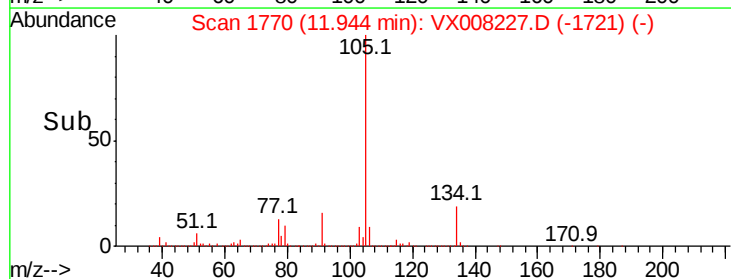
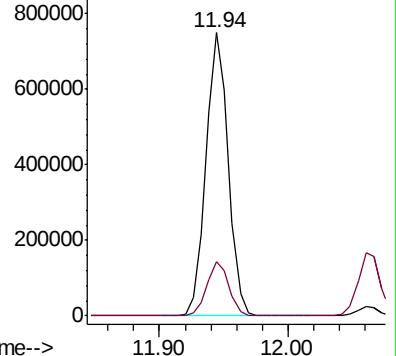
105 100

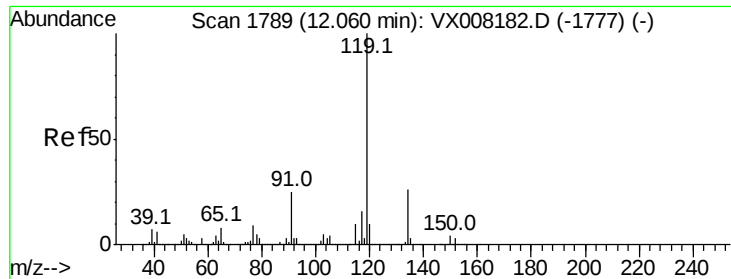
134 19.0 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





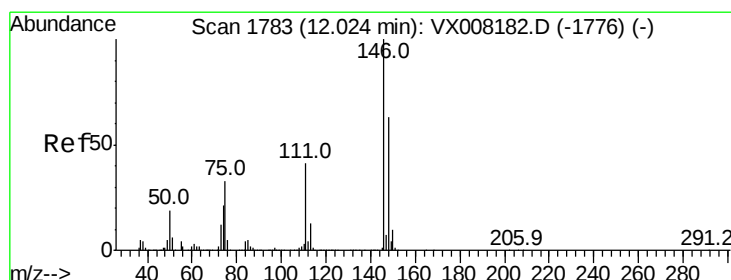
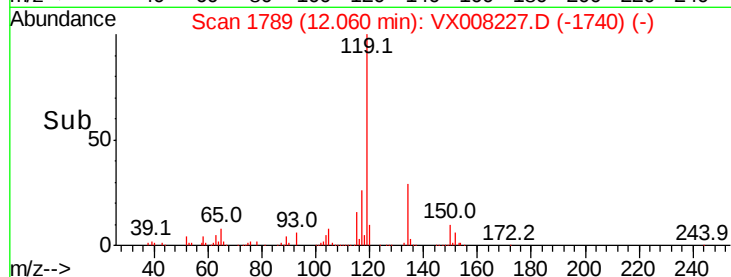
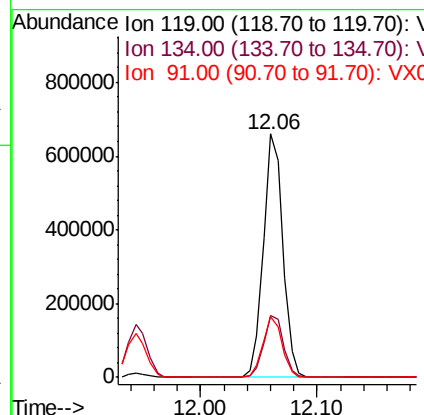
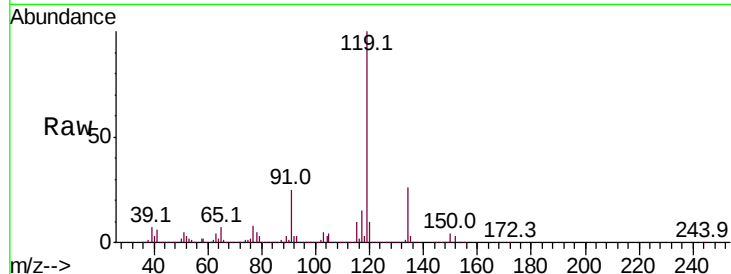
#86
 p-Isopropyltoluene
 Concen: 51.830 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	773233		
134	26.0		13.3	39.9
91	24.5		10.9	32.7

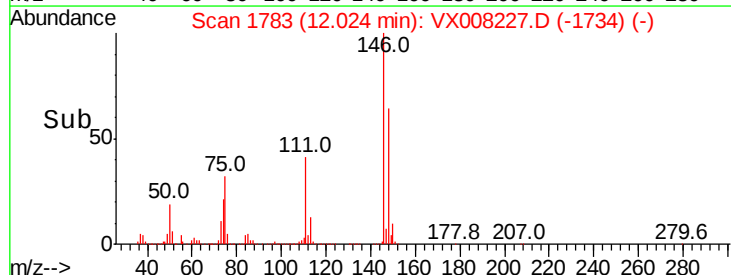
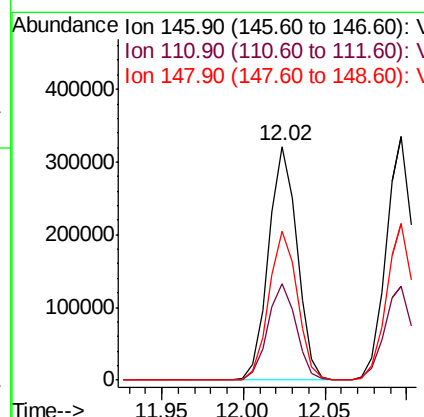
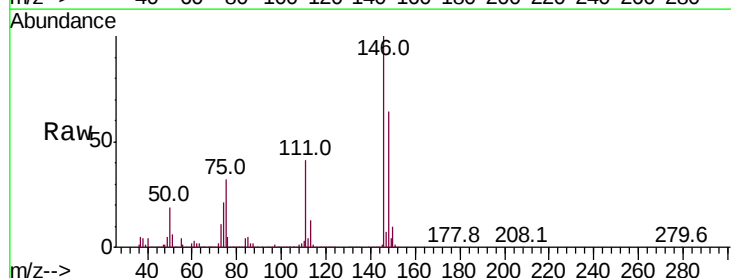
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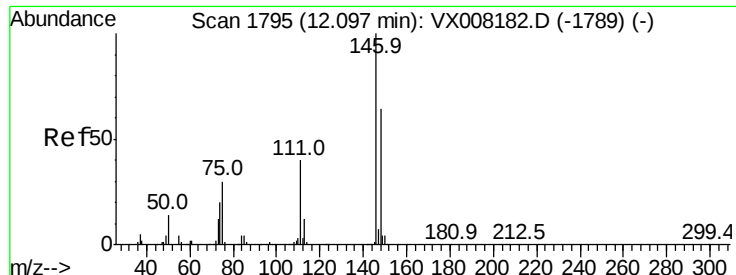
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#87
 1,3-Dichlorobenzene
 Concen: 51.110 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	389670		
111	41.0		18.9	56.7
148	63.8		31.7	95.1





#88

1,4-Dichlorobenzene

Concen: 49.690 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

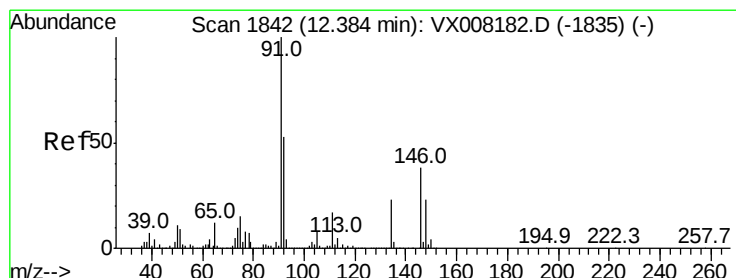
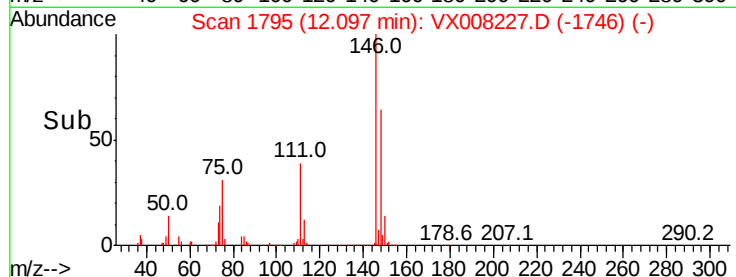
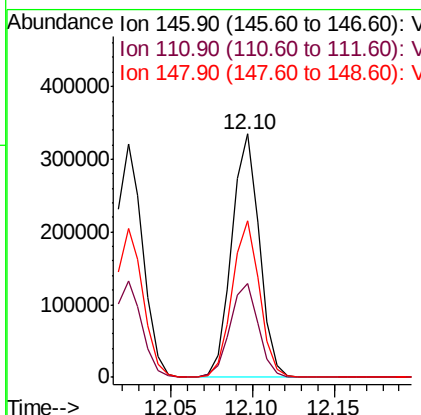
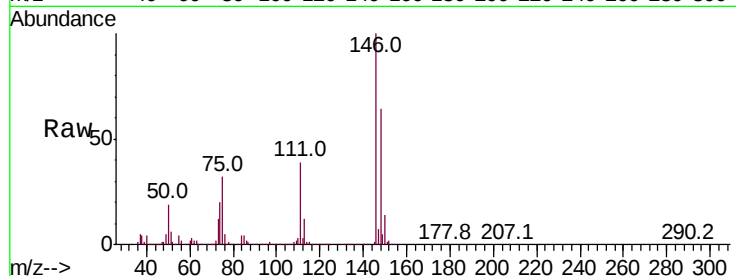
Instrument :
MSVOA_X

ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	391863		
111	39.8	18.4	55.0	
148	63.7	32.2	96.6	

Manual Integrations
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#89

n-Butylbenzene

Concen: 50.268 ug/l

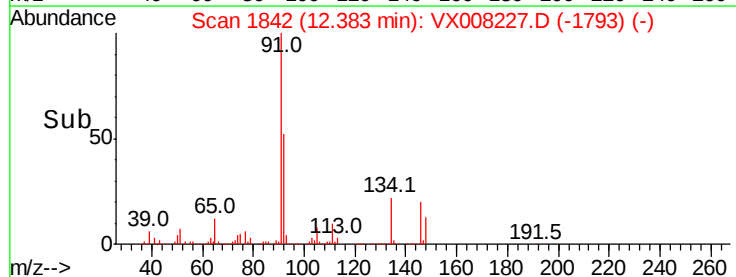
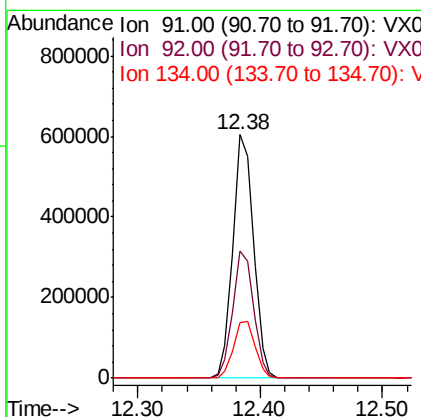
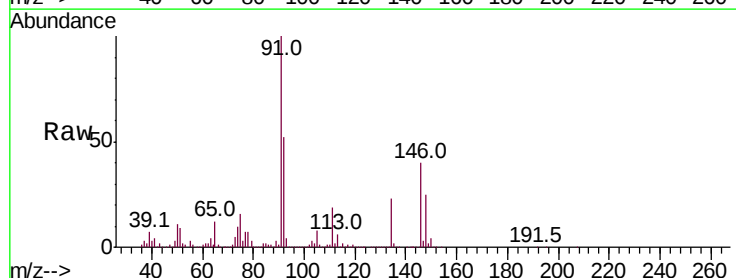
RT: 12.38 min Scan# 1842

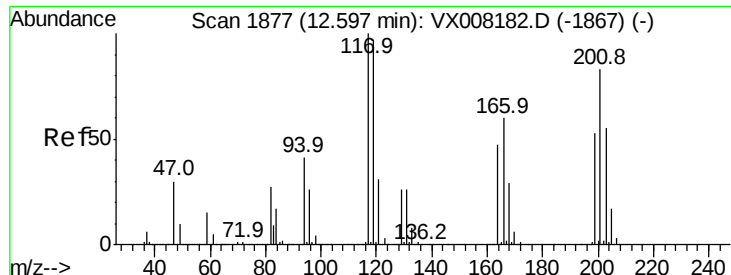
Delta R.T. -0.00 min

Lab File: VX008227.D

Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	703864		
92	52.4	27.0	80.8	
134	24.4	13.7	41.0	





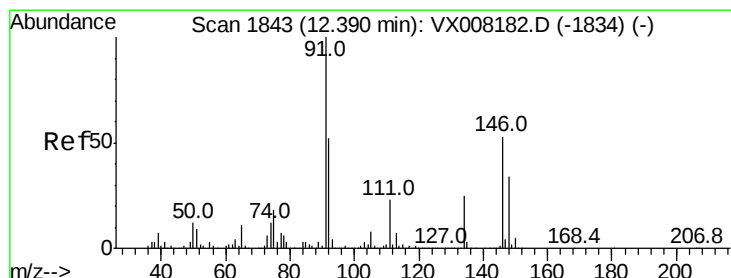
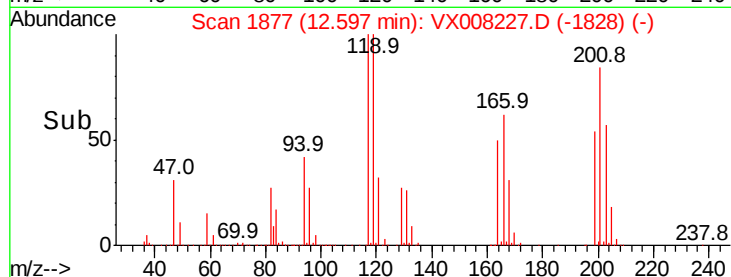
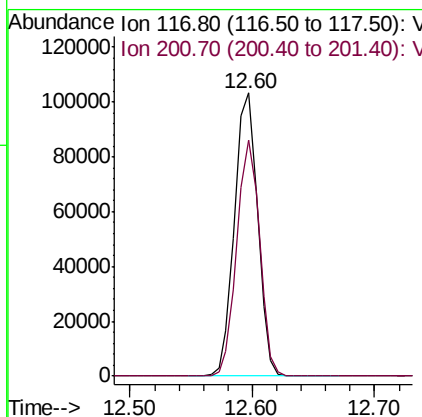
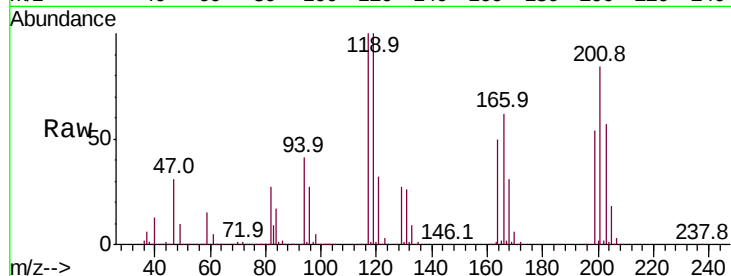
#90
Hexachloroethane
Concen: 53.156 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion:117 Resp: 135057
Ion Ratio Lower Upper
117 100
201 82.0 48.9 146.7

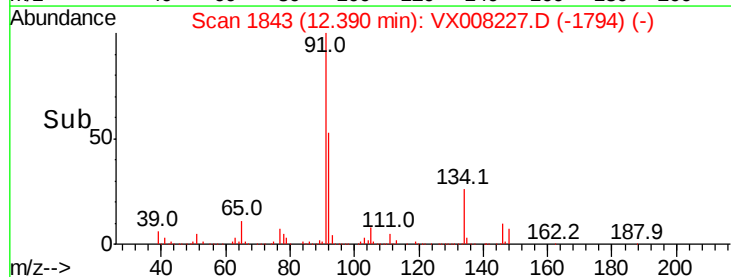
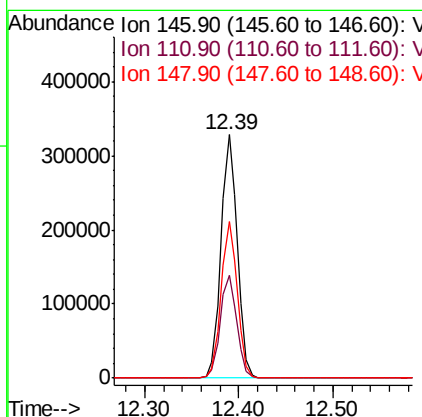
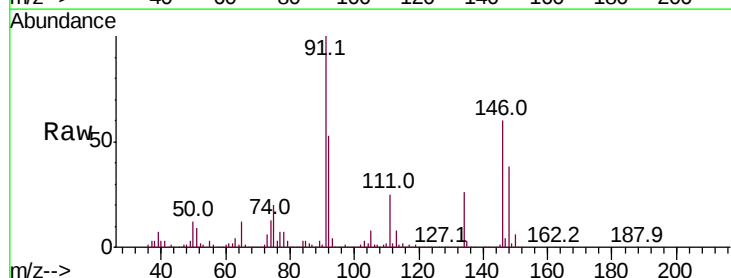
Manual Integrations
APPROVED

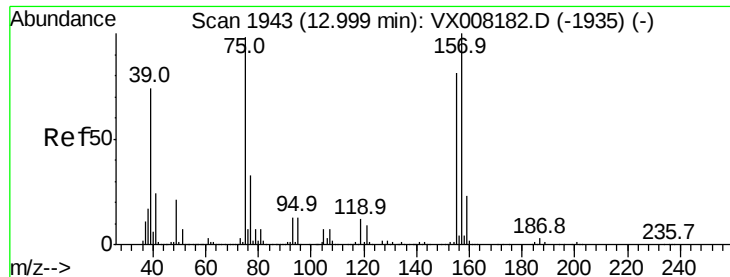
MMDadoda
3/20/2019 10:27:48 AM



#91
1,2-Dichlorobenzene
Concen: 51.170 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion:146 Resp: 393364
Ion Ratio Lower Upper
146 100
111 42.8 19.6 58.8
148 64.0 31.9 95.5





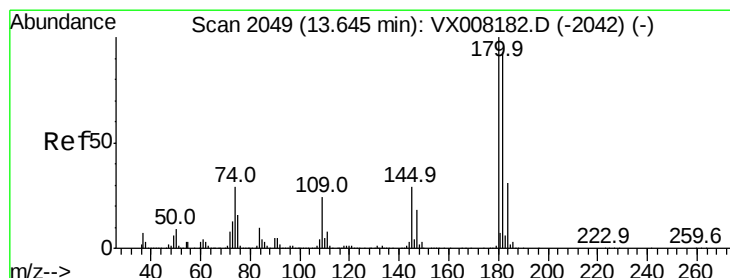
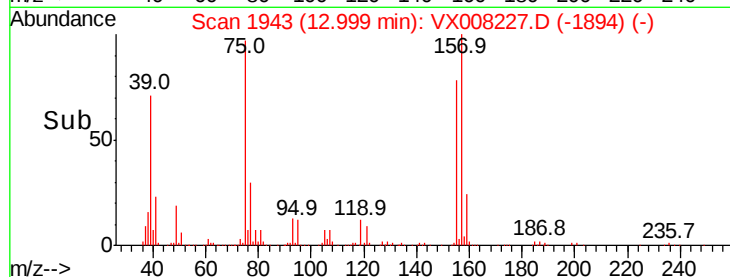
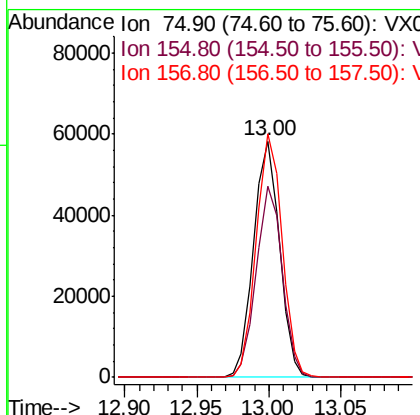
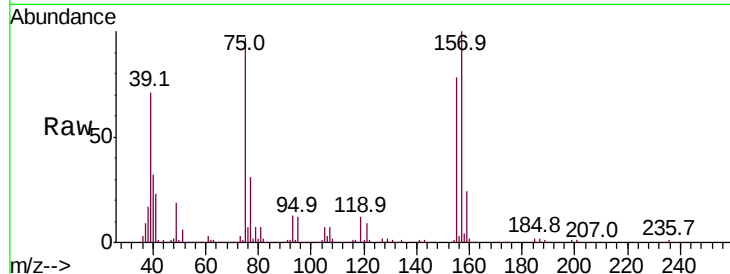
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.599 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Lower	Upper
75	100		
155	80.6	49.7	149.1
157	102.5	63.8	191.4

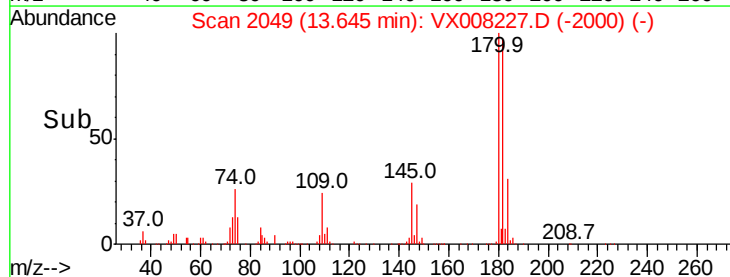
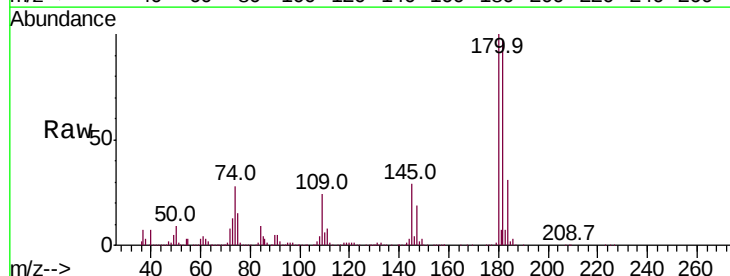
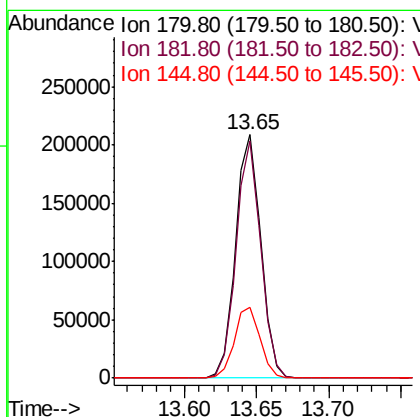
Manual Integrations
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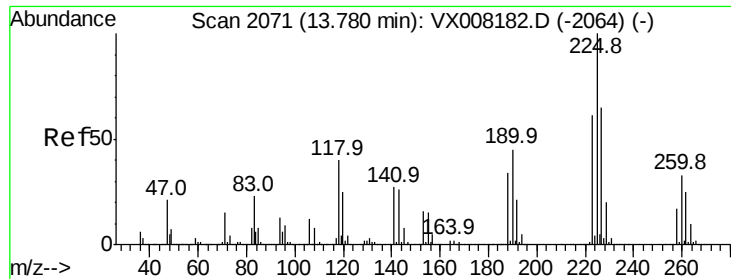
MMDadoda
 3/20/2019 10:27:48 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 50.607 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.7
145	29.6	14.1	42.4





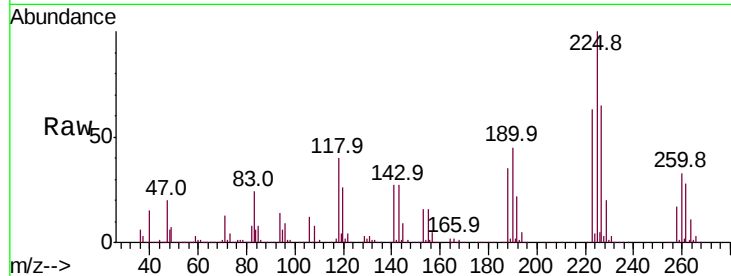
#94
Hexachlorobutadiene
Concen: 49.002 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

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

Tot Ion	Ratio	Resp	Lower	Upper
225	100	121014		
223	62.6	31.1	93.2	
227	64.5	32.0	96.0	

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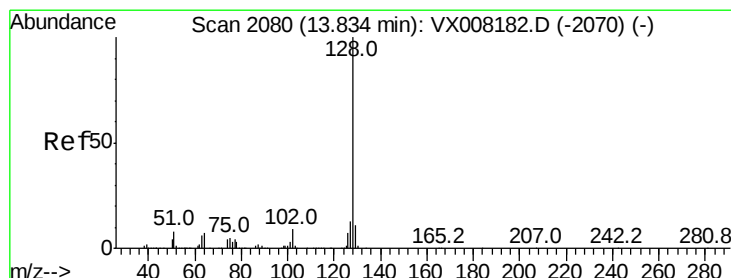
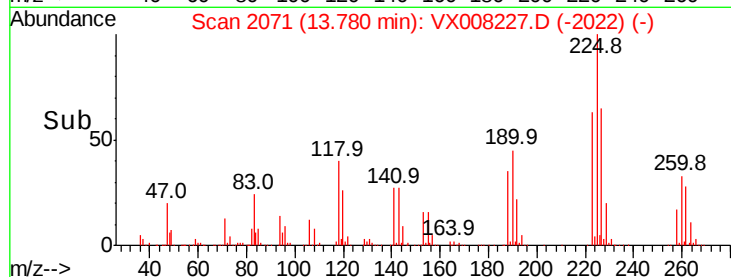
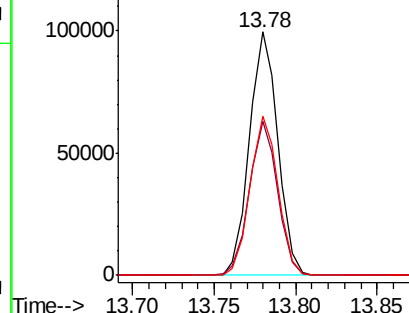


Abundance

Ion 224.70 (224.40 to 225.40): V

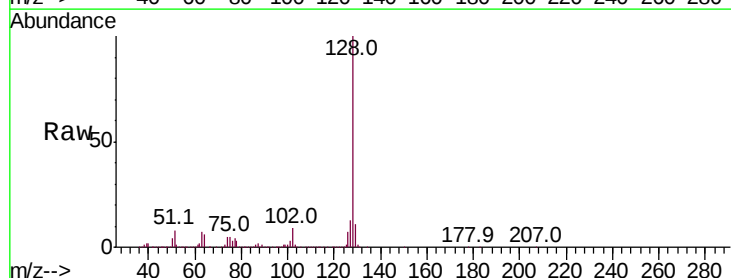
Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 53.733 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008227.D
Acq: 20 Mar 2019 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	858746		
127	13.1	10.3	15.5	
129	11.0	8.7	13.1	

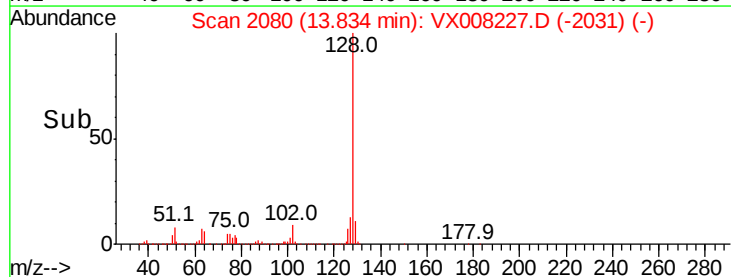
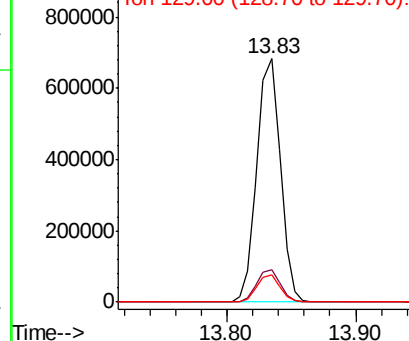


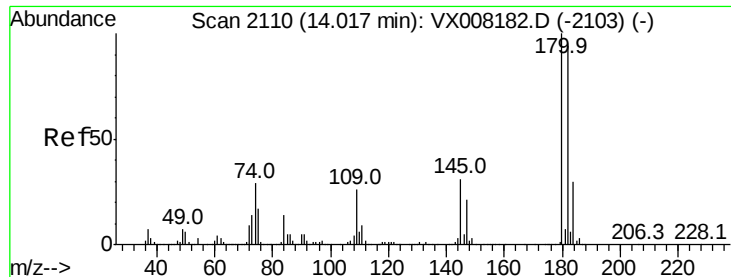
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





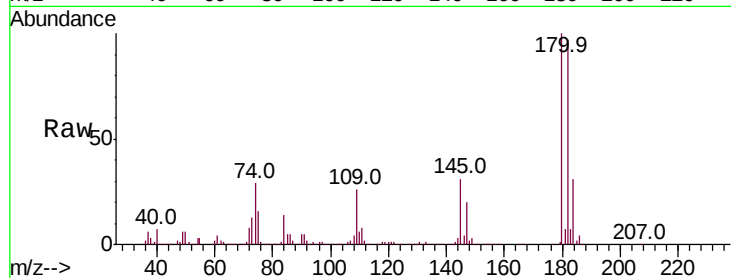
#96
 1,2,3-Trichlorobenzene
 Concen: 52.377 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008227.D
 Acq: 20 Mar 2019 07:21

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

Tot Ion:	180	Resp:	260963
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.5	142.5
145	31.3	14.8	44.3

Manual Integrations
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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

