

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX053119\
 Data File : VX009997.D
 Acq On : 31 May 2019 19:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/3/2019 9:47:45 AM

Quant Time: Jun 01 05:58:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114348	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110590	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
35) Dibromofluoromethane	5.50	113	80786	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	8.71	98	324904	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	118588	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	107712	54.410	ug/l	99
3) Chloromethane	1.32	50	121430	45.628	ug/l	98
4) Vinyl Chloride	1.41	62	118351	49.331	ug/l	100
5) Bromomethane	1.64	94	58665	40.359	ug/l	97
6) Chloroethane	1.71	64	70043	47.427	ug/l	98
7) Trichlorofluoromethane	1.93	101	130294	49.146	ug/l	99
8) Diethyl Ether	2.19	74	57377	46.055	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78262	48.895	ug/l	99
10) Methyl Iodide	2.51	142	71075	37.177	ug/l	100
11) Tert butyl alcohol	3.05	59	144835	257.176	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80031	48.781	ug/l	98
13) Acrolein	2.29	56	96264	241.892	ug/l	99
14) Allyl chloride	2.73	41	199620	50.061	ug/l	100
15) Acrylonitrile	3.14	53	336119	247.701	ug/l	99
16) Acetone	2.45	43	304630	230.399	ug/l	99
17) Carbon Disulfide	2.57	76	238907	48.106	ug/l	99
18) Methyl Acetate	2.78	43	156323	50.811	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	315290	50.902	ug/l	100
20) Methylene Chloride	2.85	84	96989	47.901	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	86610	47.445	ug/l	95
22) Diisopropyl ether	3.85	45	387476	51.070	ug/l	96
23) Vinyl Acetate	3.82	43	1733099	254.274	ug/l	99
24) 1,1-Dichloroethane	3.70	63	185024	50.321	ug/l	100
25) 2-Butanone	4.67	43	519077	251.985	ug/l	99
26) 2,2-Dichloropropane	4.58	77	127075	45.688	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	101484	48.160	ug/l	98
28) Bromochloromethane	5.01	49	90306	47.330	ug/l	100
29) Tetrahydrofuran	5.13	42	336481	254.724	ug/l	99
30) Chloroform	5.21	83	167470	50.504	ug/l	99
31) Cyclohexane	5.58	56	180575	51.853	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	140684	52.095	ug/l	99
36) 1,1-Dichloropropene	5.80	75	129329	48.921	ug/l	100
37) Ethyl Acetate	4.84	43	190784	51.793	ug/l	99
38) Carbon Tetrachloride	5.79	117	116789	51.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157787	50.317	ug/l	99
40) Benzene	6.14	78	395617	50.447	ug/l	99
41) Methacrylonitrile	5.04	41	109451	50.850	ug/l	99
42) 1,2-Dichloroethane	6.20	62	145085	50.042	ug/l	100
43) Isopropyl Acetate	6.45	43	302650	50.920	ug/l	99
44) Trichloroethene	7.21	130	92081	48.339	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111418	49.354	ug/l	96
46) Dibromomethane	7.66	93	63057	47.453	ug/l	98
47) Bromodichloromethane	7.90	83	129058	51.073	ug/l	99
48) Methyl methacrylate	7.77	41	151025	51.329	ug/l	99
49) 1,4-Dioxane	7.74	88	51102	933.717	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	979661	253.378	ug/l	100
52) Toluene	8.79	92	238397	50.067	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	153350	50.601	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165074	49.993	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96155	50.173	ug/l	98
56) Ethyl methacrylate	9.18	69	179231	52.531	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170174	49.444	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	453229	253.327	ug/l	100
59) 2-Hexanone	9.49	43	751311	252.392	ug/l	100
60) Dibromochloromethane	9.58	129	99415	52.734	ug/l	100
61) 1,2-Dibromoethane	9.67	107	98700	50.130	ug/l	100
64) Tetrachloroethene	9.34	164	83068	50.146	ug/l	99
65) Chlorobenzene	10.13	112	247887	49.929	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90617	52.623	ug/l	100
67) Ethyl Benzene	10.25	91	458308	51.412	ug/l	98
68) m/p-Xylenes	10.36	106	334530	101.579	ug/l	99
69) o-Xylene	10.69	106	163051	51.624	ug/l	100
70) Styrene	10.71	104	286316	51.697	ug/l	100
71) Bromoform	10.85	173	76562	54.393	ug/l #	99
73) Isopropylbenzene	11.02	105	436756	51.768	ug/l	100
74) N-amyl acetate	10.90	43	265632	52.689	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	161714	51.378	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	142330m	52.051	ug/l	
77) Bromobenzene	11.26	156	107611	50.050	ug/l	98
78) n-propylbenzene	11.36	91	505352	51.965	ug/l	99
79) 2-Chlorotoluene	11.42	91	304546	51.257	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	372951	52.471	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56540	51.159	ug/l	99
82) 4-Chlorotoluene	11.51	91	348820	50.432	ug/l	100
83) tert-Butylbenzene	11.77	119	357514	52.575	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	370318	51.303	ug/l	100
85) sec-Butylbenzene	11.94	105	424909	52.524	ug/l	100
86) p-Isopropyltoluene	12.06	119	386044	53.053	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	189465	49.496	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189407	48.518	ug/l	99
89) n-Butylbenzene	12.38	91	354148	51.788	ug/l	99
90) Hexachloroethane	12.60	117	67362	53.944	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	188382	49.916	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35584	48.029	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137152	50.854	ug/l	100
94) Hexachlorobutadiene	13.78	225	67856	50.162	ug/l	100
95) Naphthalene	13.83	128	438751	52.277	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135509	50.195	ug/l	98

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

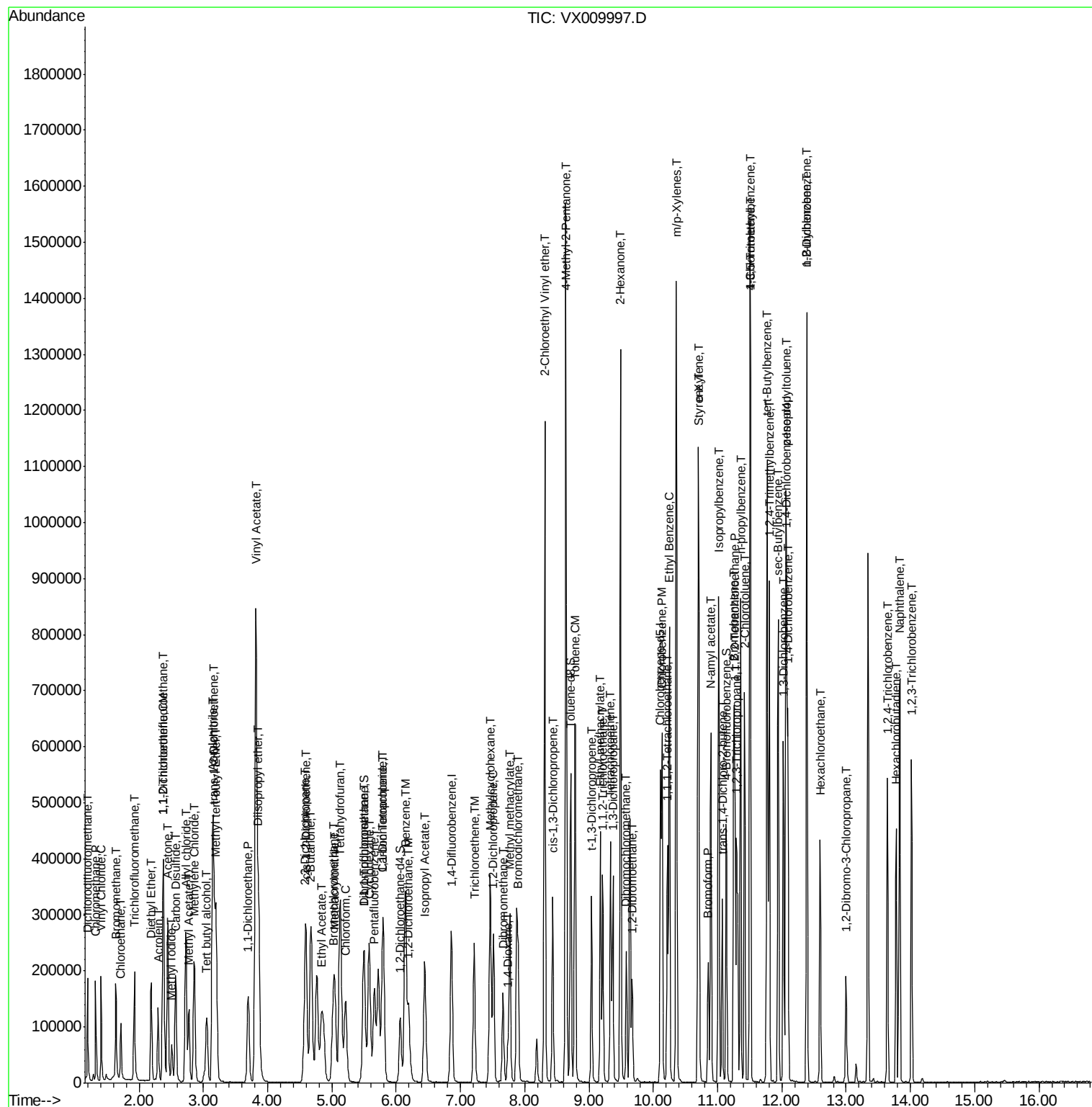
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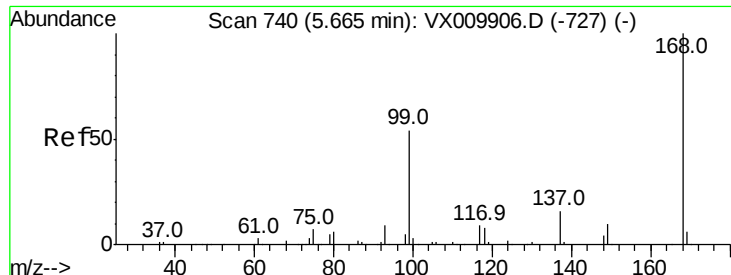
Instrument :
MSVOA_X
ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 162001

Ion Ratio Lower Upper

168 100

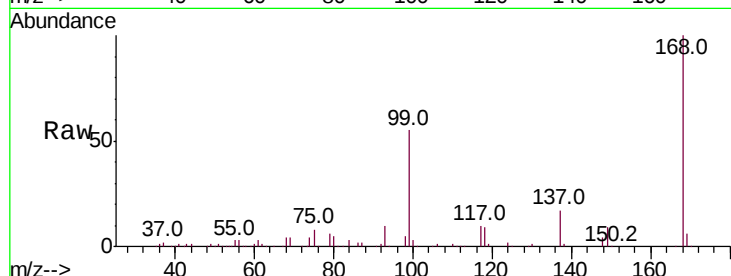
99 55.0 43.0 64.6

Manual Integrations

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6/3/2019 9:47:45 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

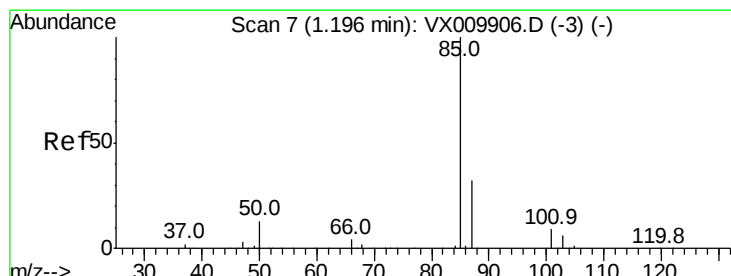
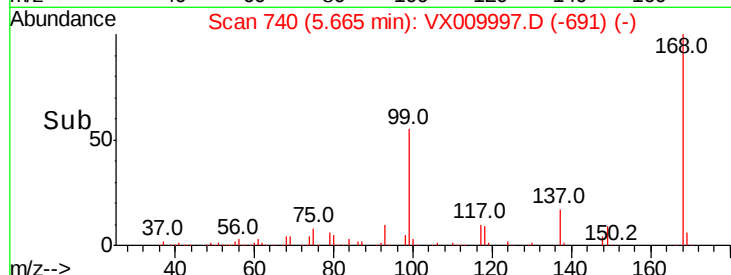
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.410 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009997.D

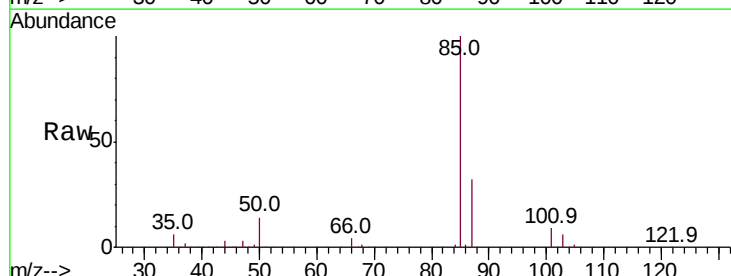
Acq: 31 May 2019 19:54

Tgt Ion: 85 Resp: 107712

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

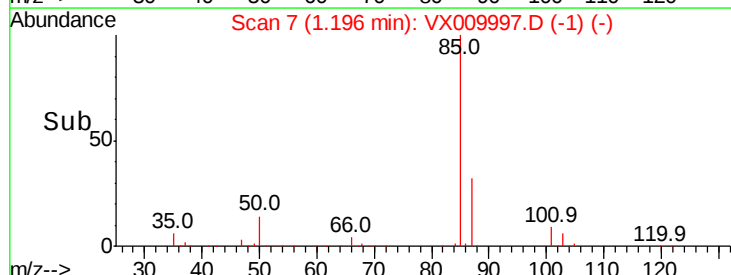
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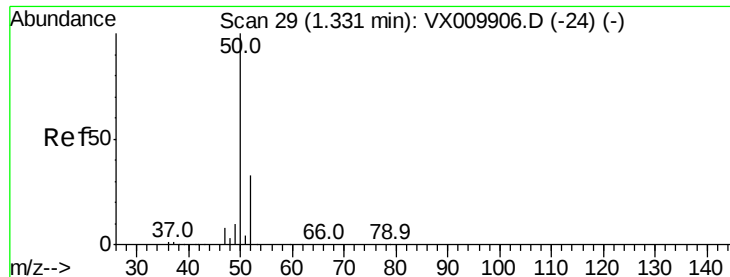
40000

20000

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Time-->





#3

Chloromethane

Concen: 45.628 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 121430

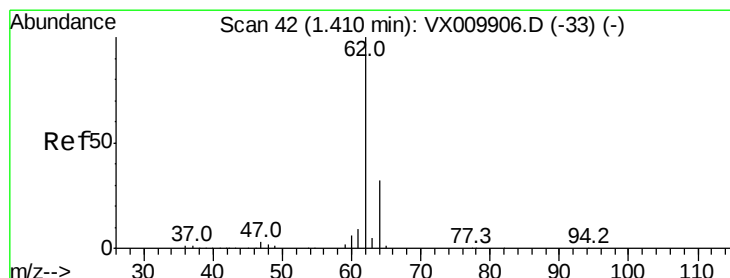
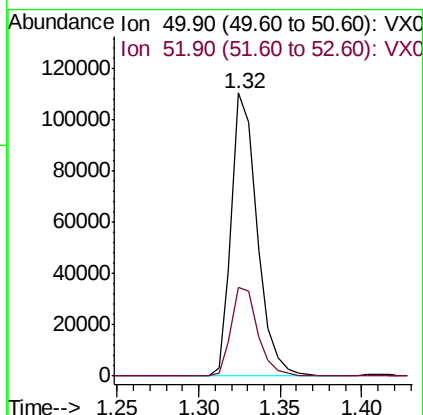
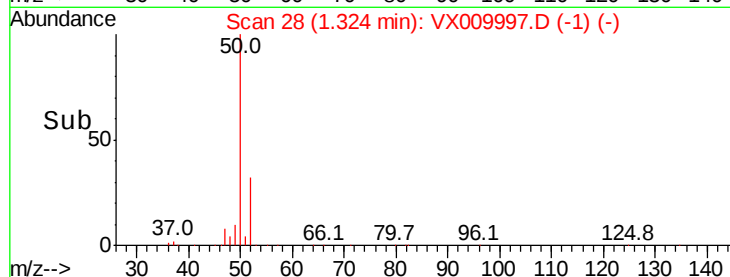
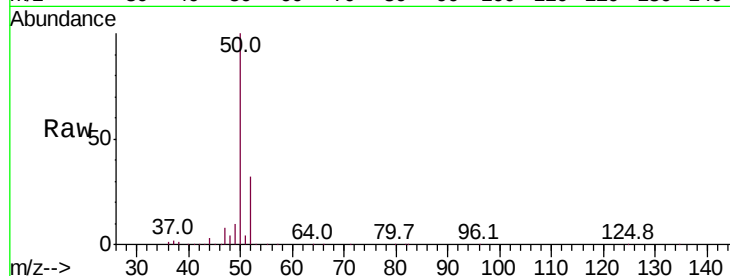
Ion Ratio Lower Upper

50 100

52 31.6 26.0 39.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.331 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009997.D

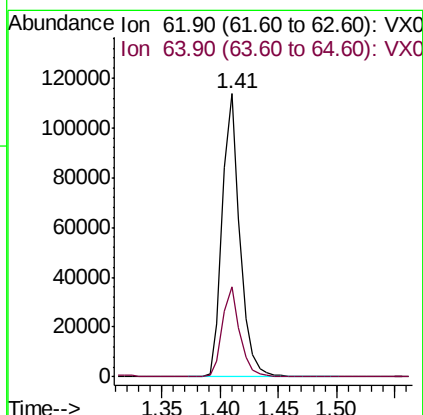
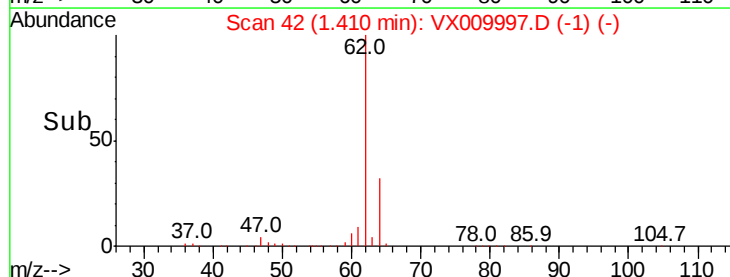
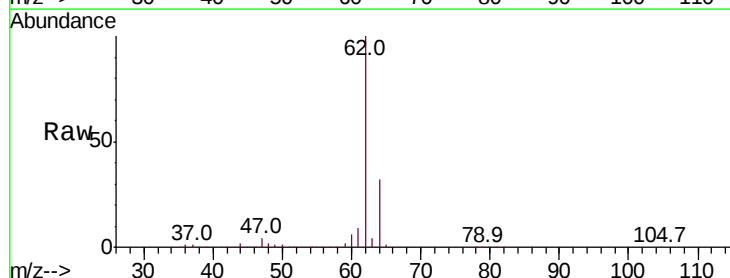
Acq: 31 May 2019 19:54

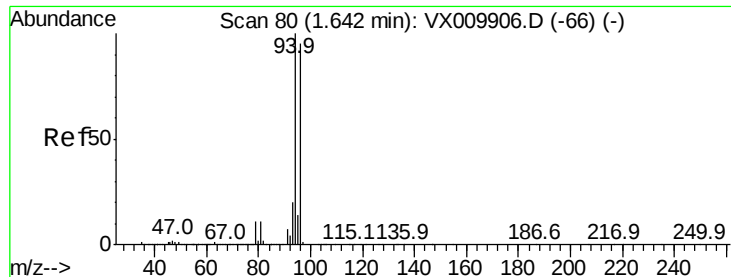
Tgt Ion: 62 Resp: 118351

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 40.359 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 58665

Ion Ratio Lower Upper

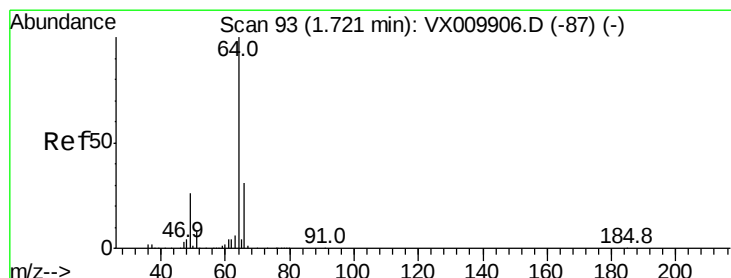
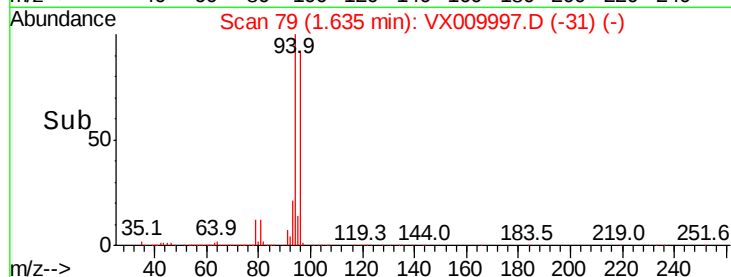
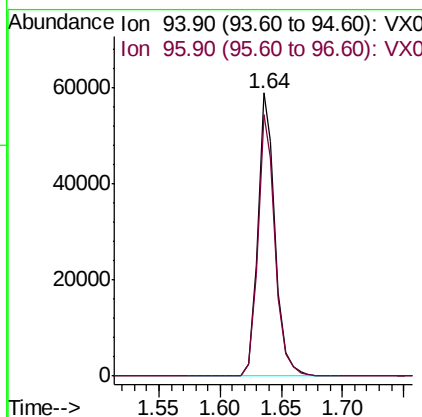
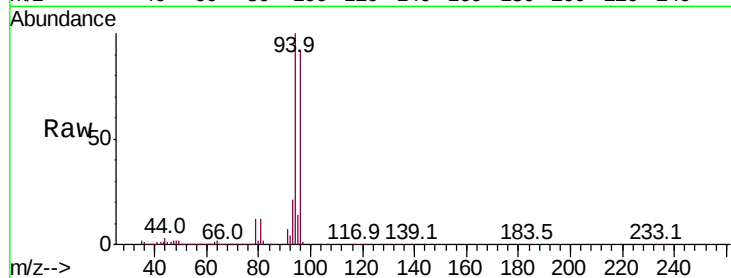
94 100

96 92.3 76.2 114.4

Manual Integrations
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#6

Chloroethane

Concen: 47.427 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX009997.D

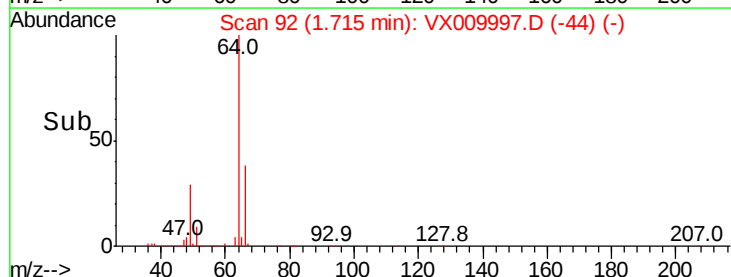
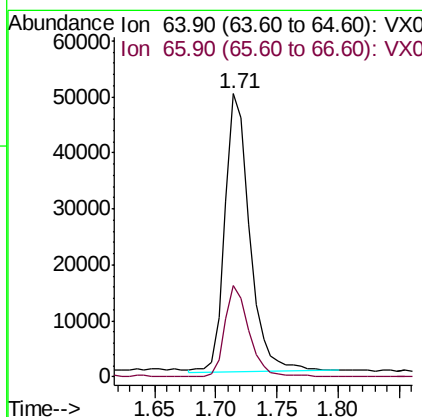
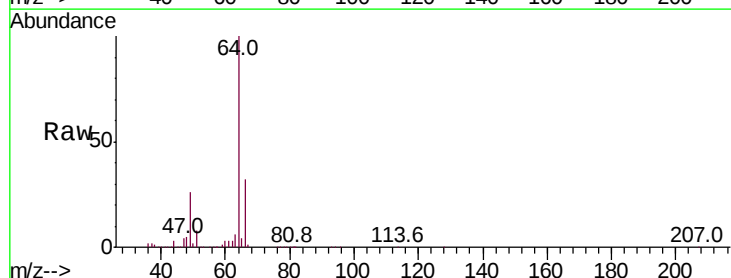
Acq: 31 May 2019 19:54

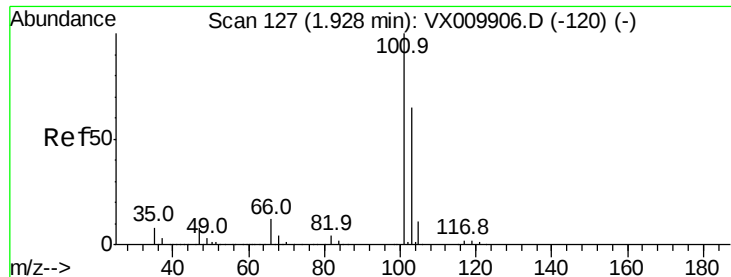
Tgt Ion: 64 Resp: 70043

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7





#7

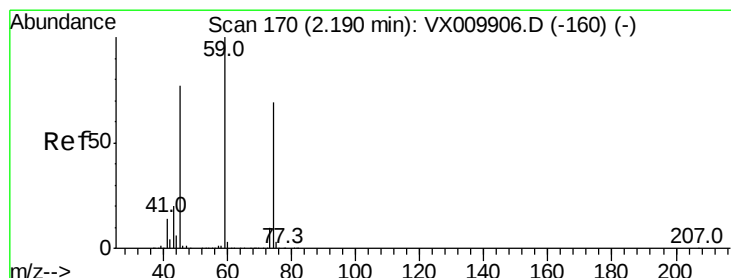
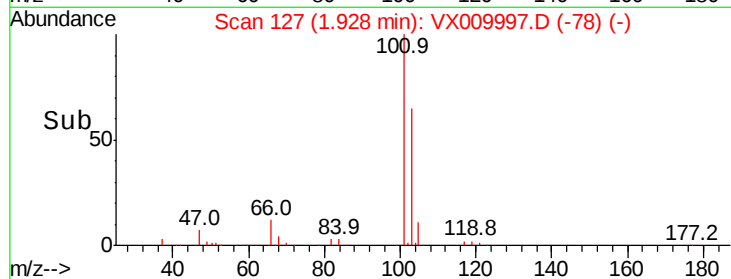
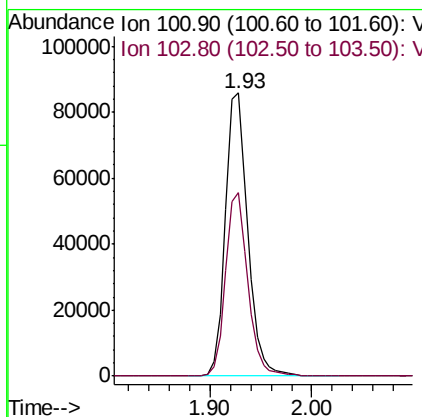
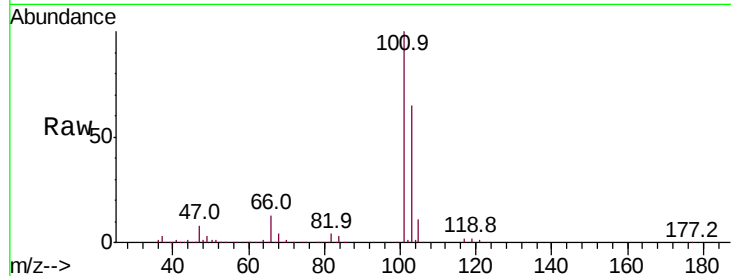
Trichlorofluoromethane
 Concen: 49.146 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX009997.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.2	78.4

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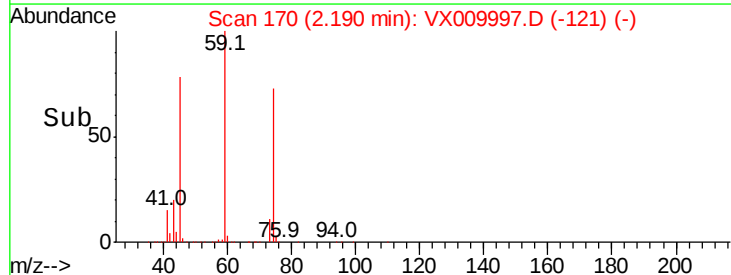
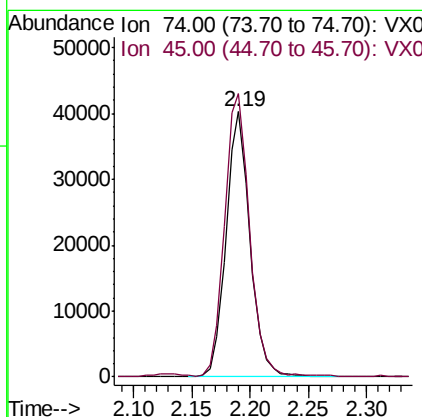
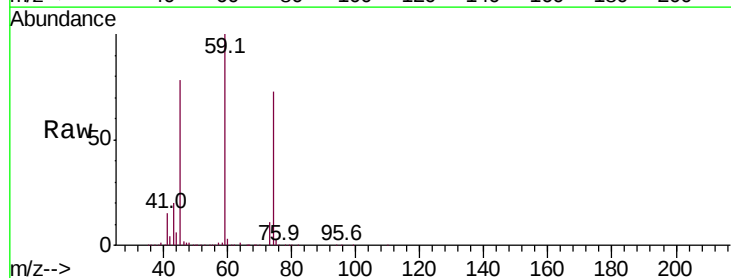
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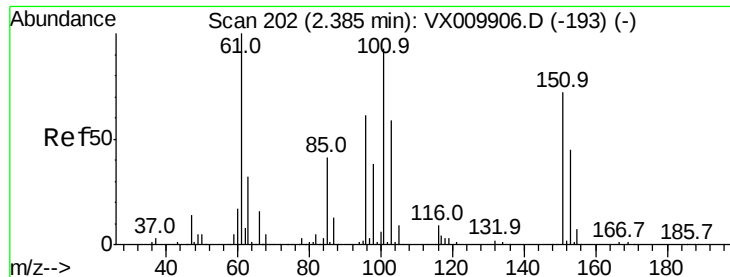


#8

Diethyl Ether
 Concen: 46.055 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.3	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.895 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

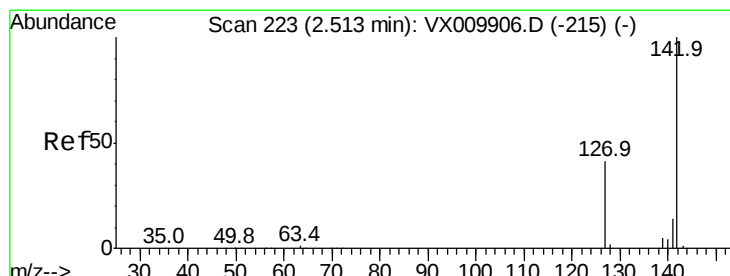
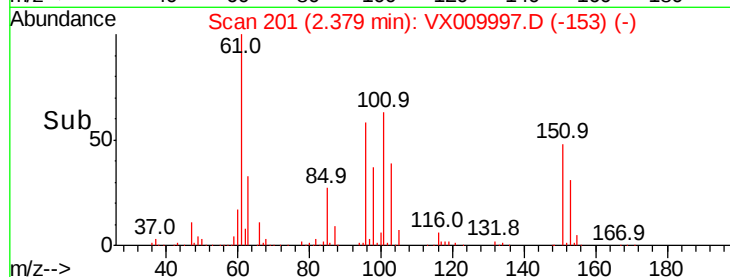
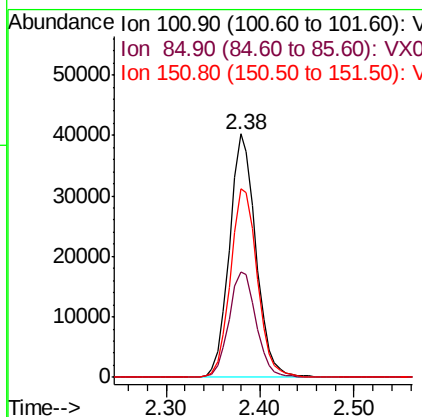
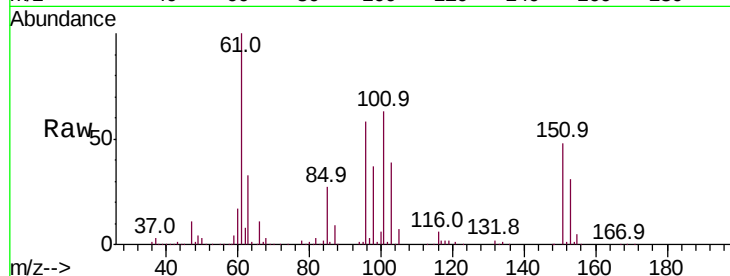
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	78262
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.2	52.8
151	78.8	61.9	92.9

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#10

Methyl Iodide

Concen: 37.177 ug/l

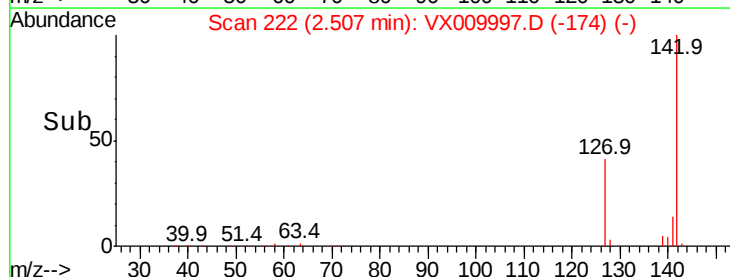
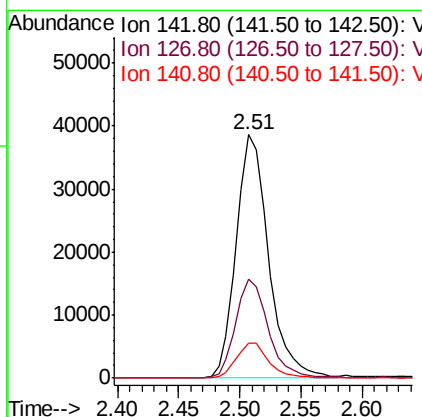
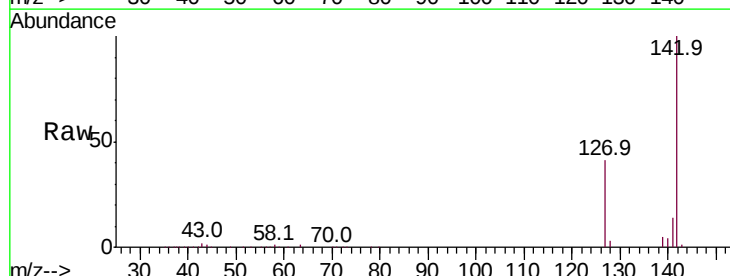
RT: 2.51 min Scan# 222

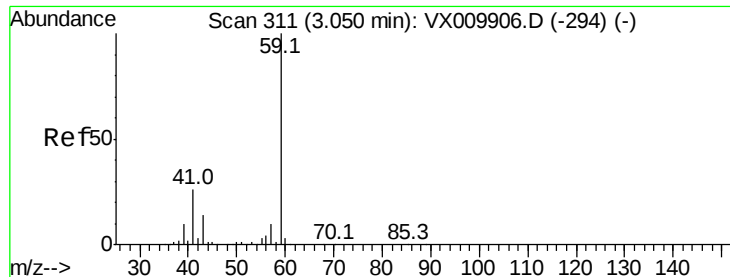
Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion:	142	Resp:	71075
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.0	49.4
141	14.6	11.4	17.0





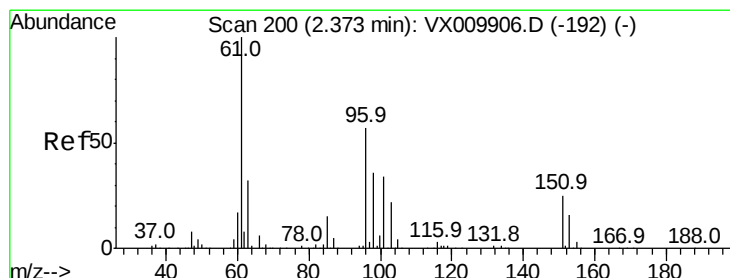
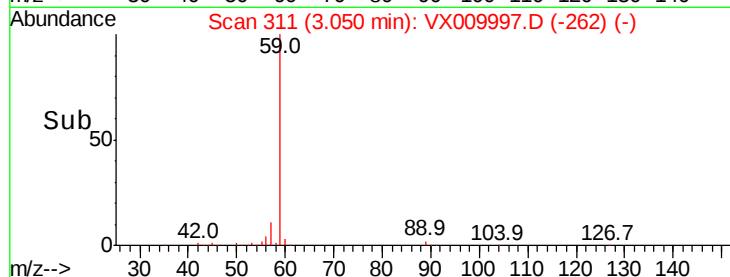
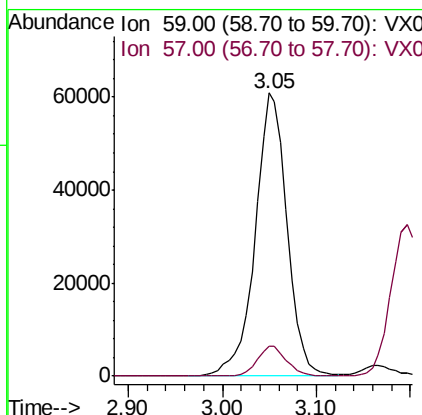
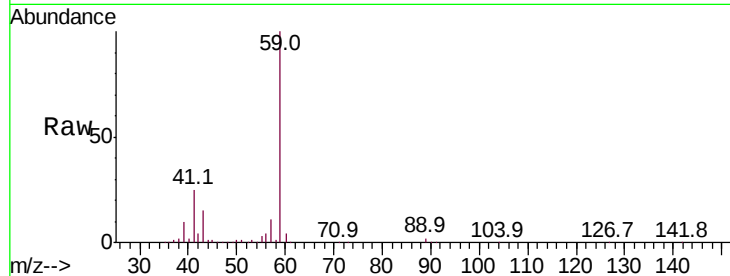
#11
Tert butyl alcohol
Concen: 257.176 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 144835
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

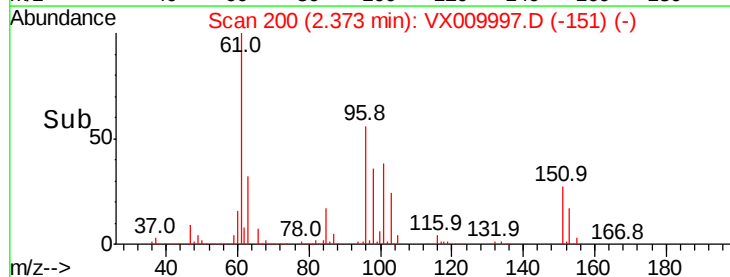
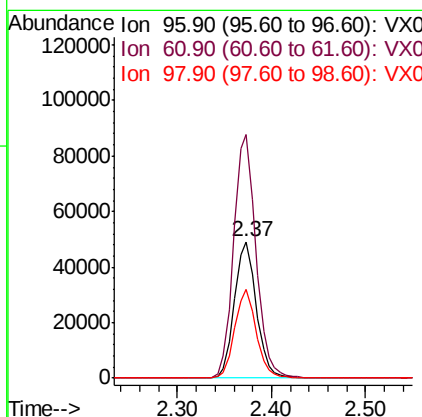
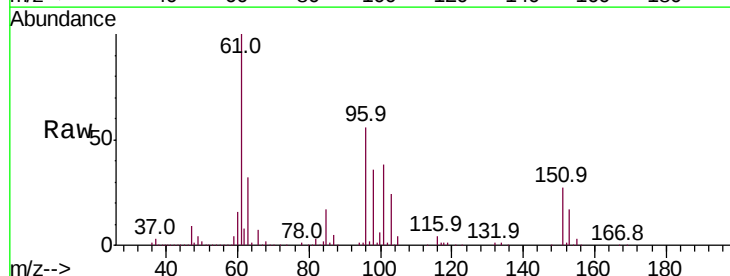
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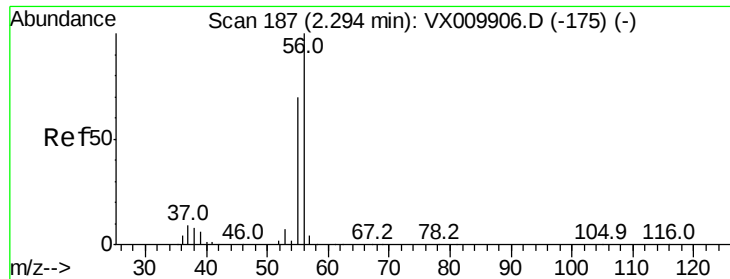
MMDadoda
6/3/2019 9:47:45 AM



#12
1,1-Dichloroethene
Concen: 48.781 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 96 Resp: 80031
Ion Ratio Lower Upper
96 100
61 178.2 140.7 211.1
98 64.5 50.1 75.1





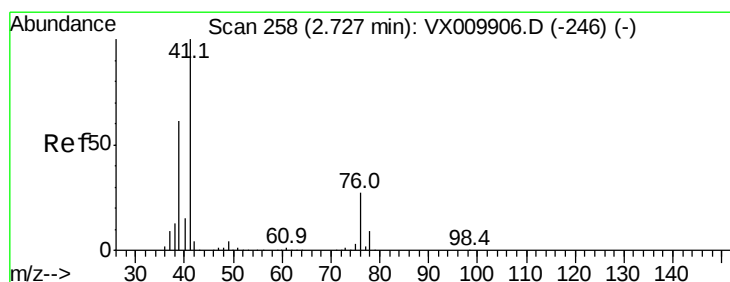
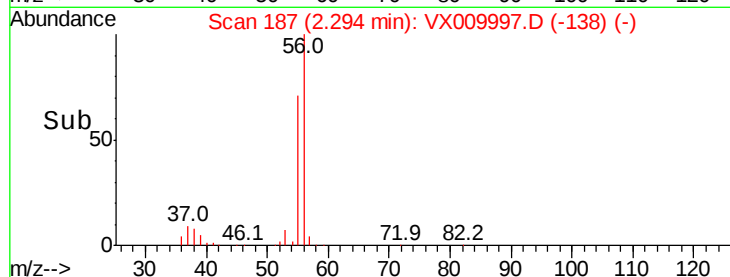
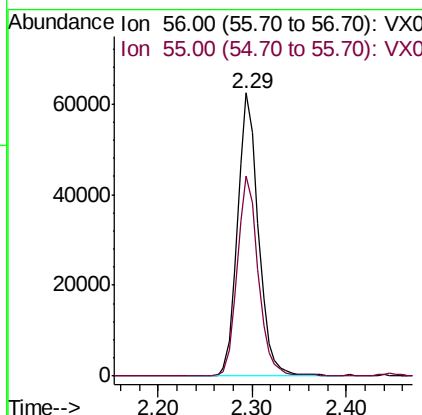
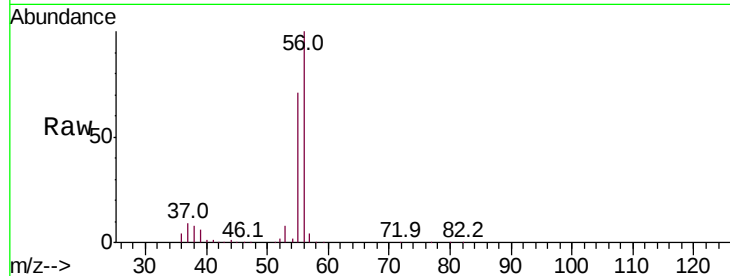
#13
Acrolein
Concen: 241.892 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	96264
Ion Ratio	100	Lower	Upper
55	70.3	57.0	85.4

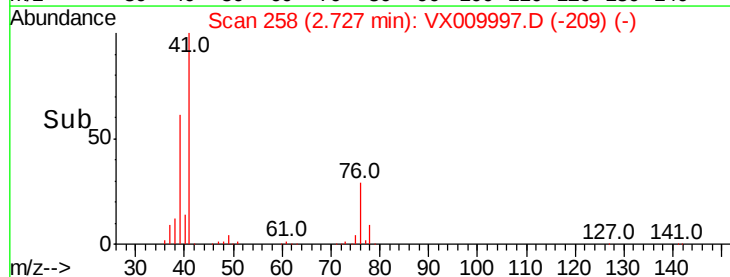
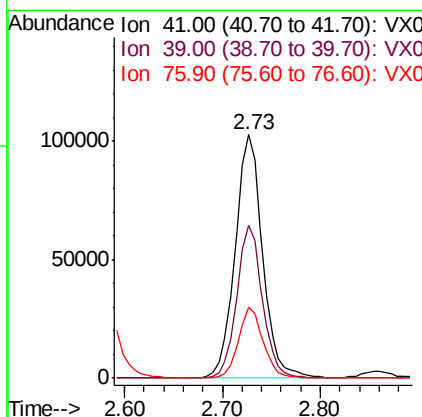
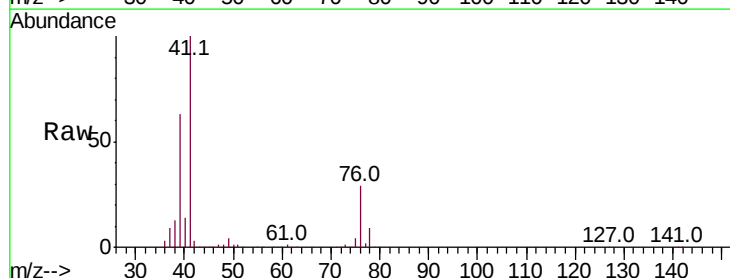
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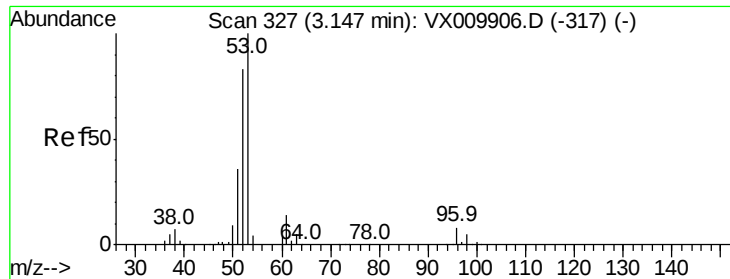
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#14
Allyl chloride
Concen: 50.061 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	41	Resp	199620
Ion Ratio	100	Lower	Upper
39	58.5	46.7	70.1
76	25.9	21.0	31.4





#15

Acrylonitrile

Concen: 247.701 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 336119

Ion Ratio Lower Upper

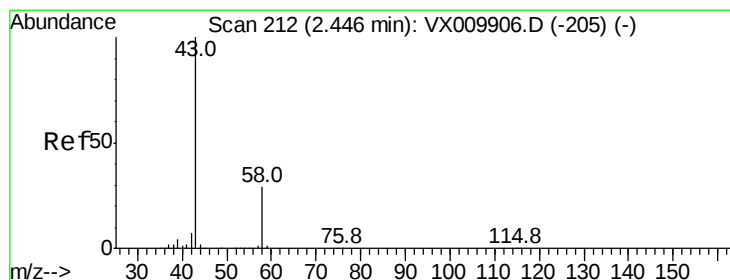
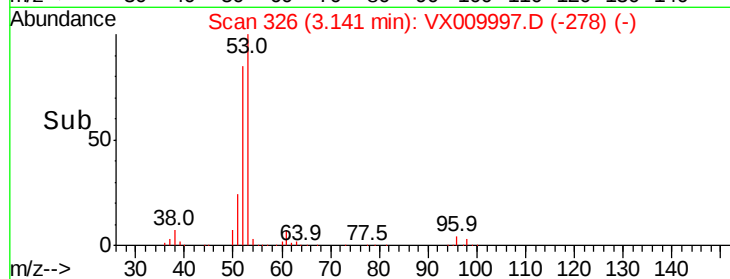
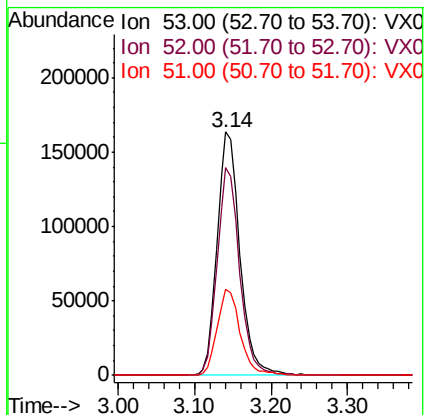
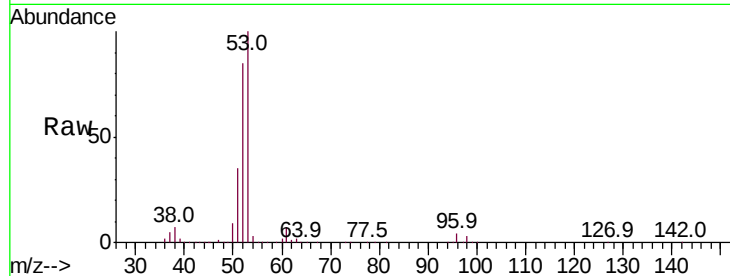
53 100

52 84.0 66.7 100.1

51 35.9 28.8 43.2

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#16

Acetone

Concen: 230.399 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009997.D

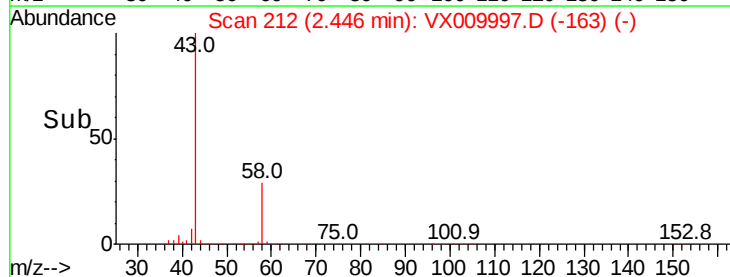
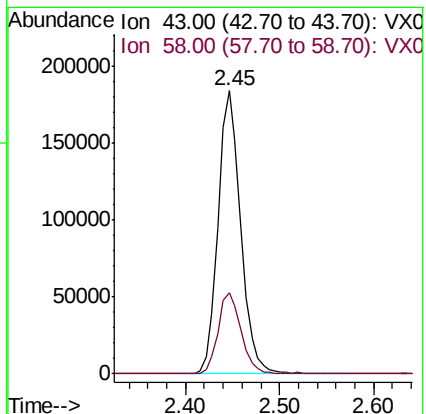
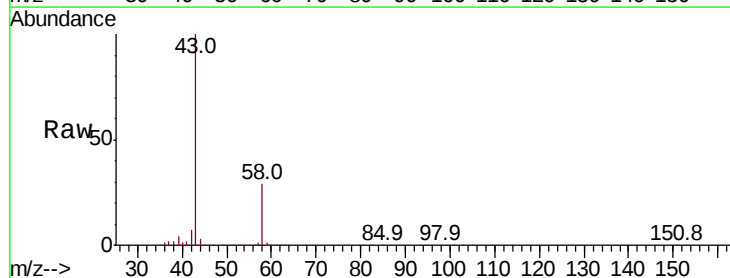
Acq: 31 May 2019 19:54

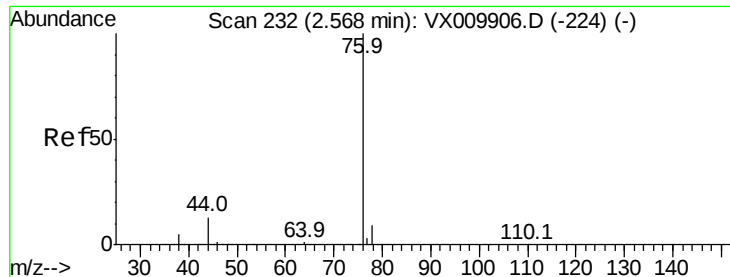
Tgt Ion: 43 Resp: 304630

Ion Ratio Lower Upper

43 100

58 28.7 23.2 34.8





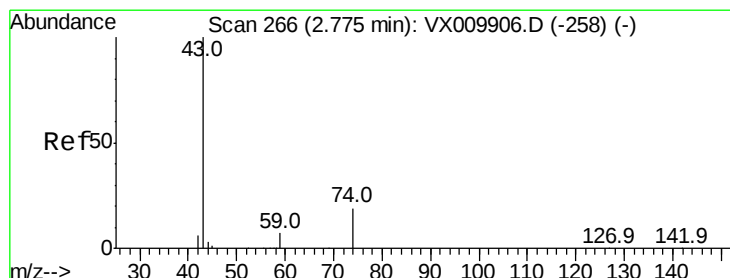
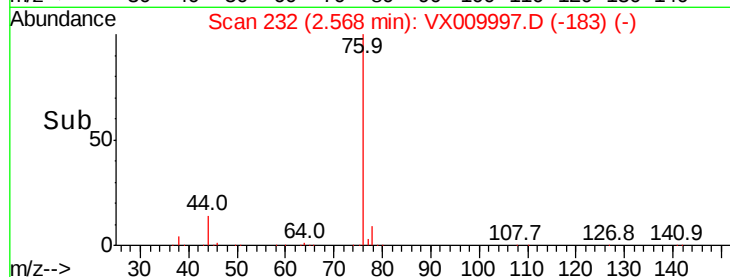
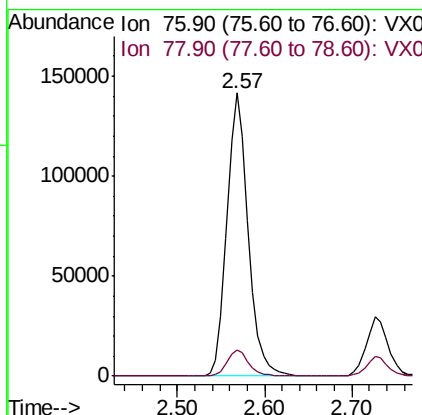
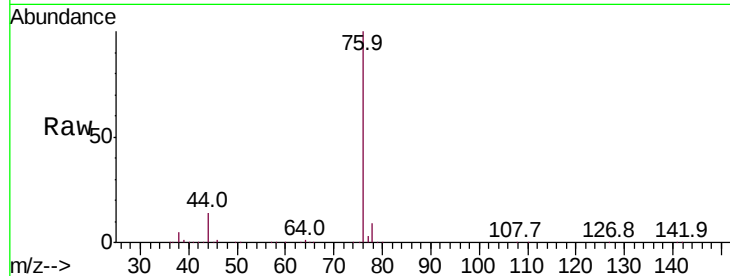
#17
Carbon Disulfide
Concen: 48.106 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

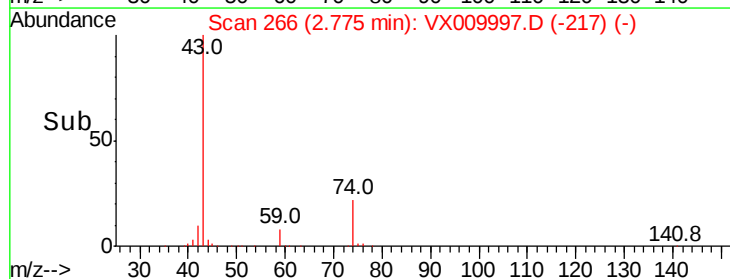
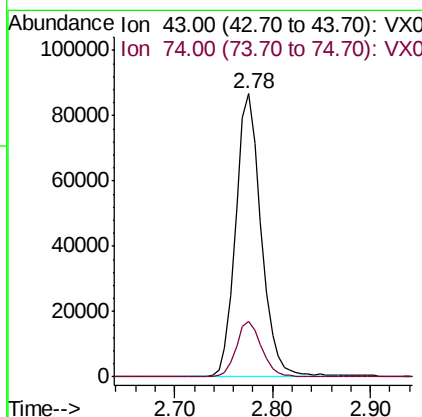
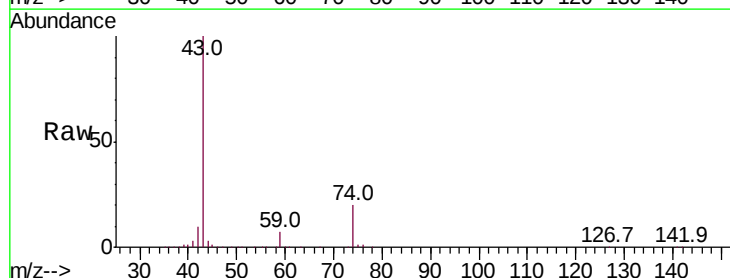
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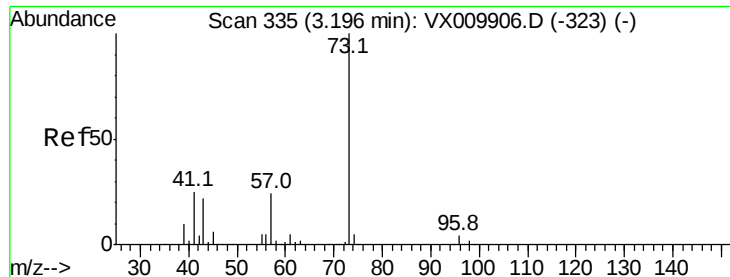
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#18
Methyl Acetate
Concen: 50.811 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.2	15.8	23.6





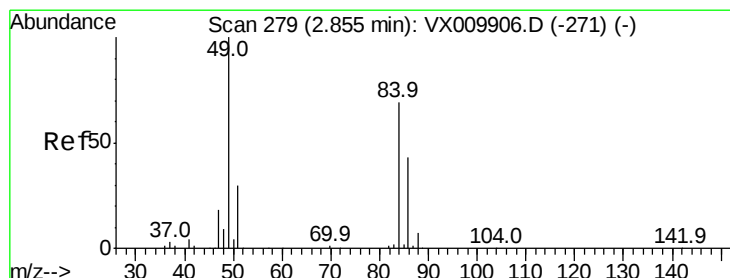
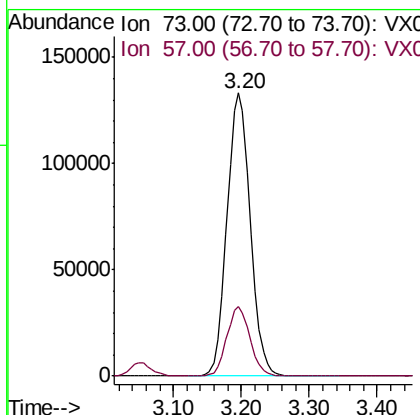
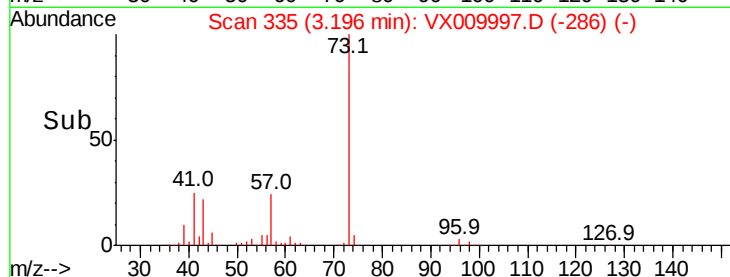
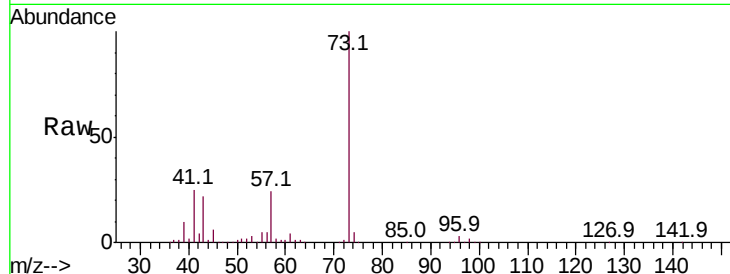
#19
Methvl tert-butvl Ether
Concen: 50.902 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 315290
Ion Ratio Lower Upper
73 100
57 24.5 19.4 29.2

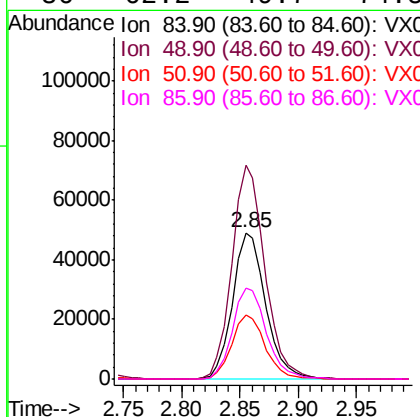
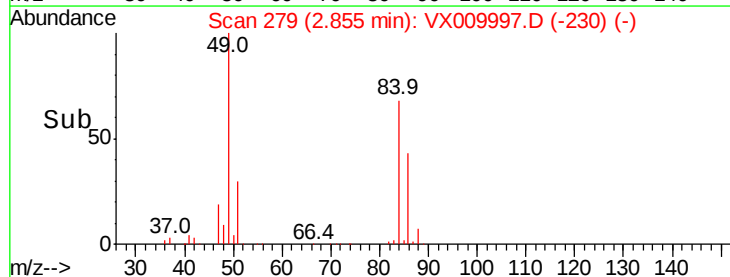
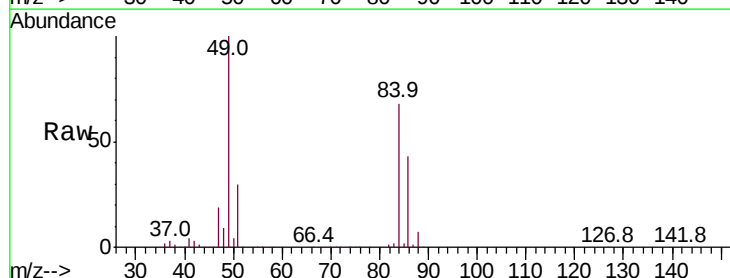
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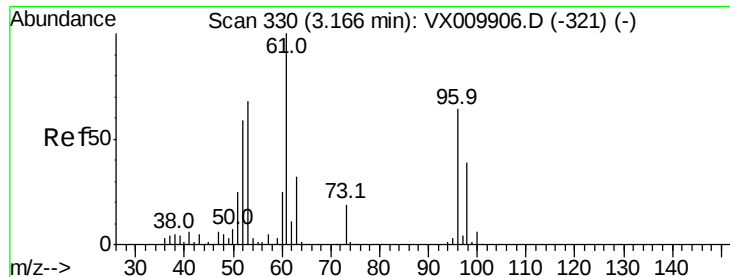
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#20
Methylene Chloride
Concen: 47.901 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 84 Resp: 96989
Ion Ratio Lower Upper
84 100
49 146.1 115.8 173.6
51 43.9 34.4 51.6
86 62.2 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.445 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 86610

Ion Ratio Lower Upper

96 100

61 162.6 125.7 188.5

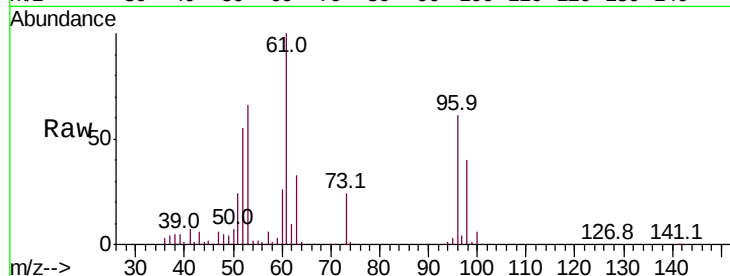
98 65.4 49.0 73.6

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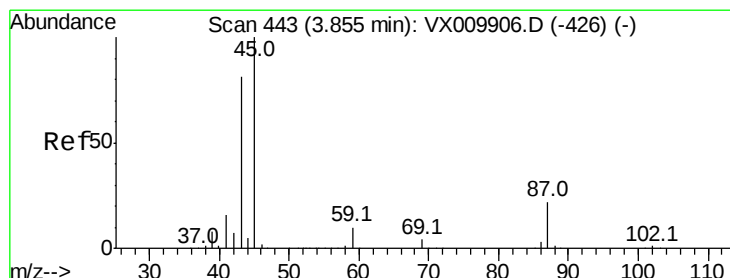
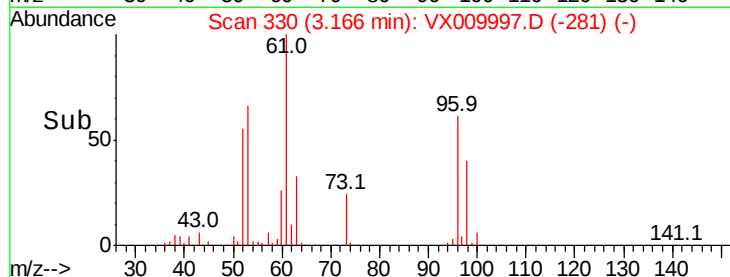
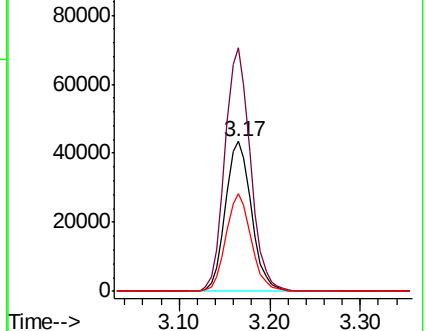
6/3/2019 9:47:45 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.070 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion: 45 Resp: 387476

Ion Ratio Lower Upper

45 100

43 76.8 65.0 97.4

87 21.8 17.3 25.9

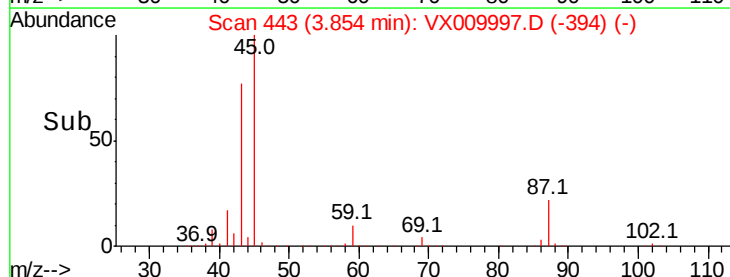
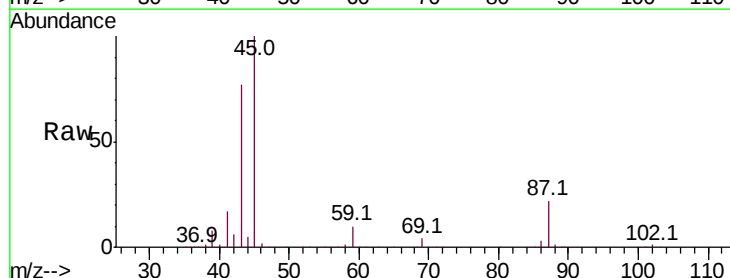
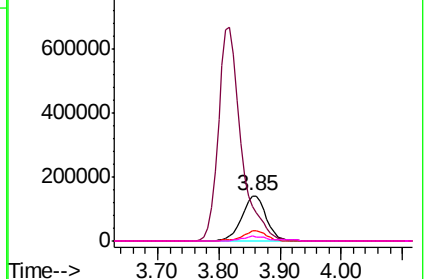
59 10.2 8.1 12.1

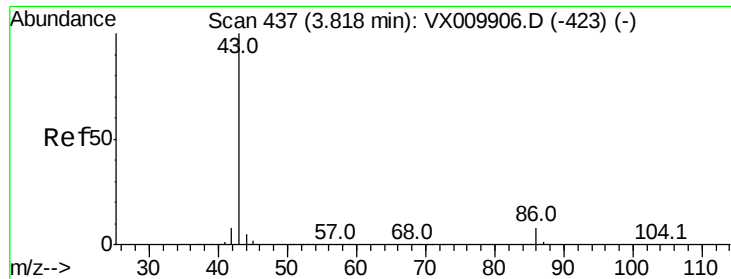
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





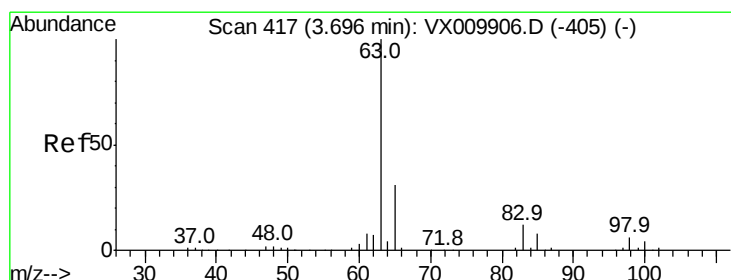
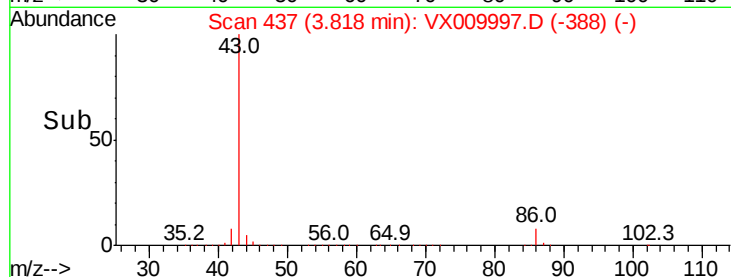
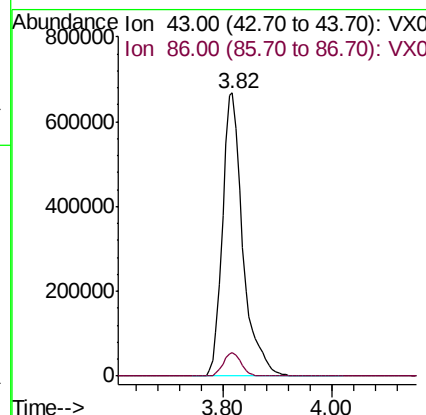
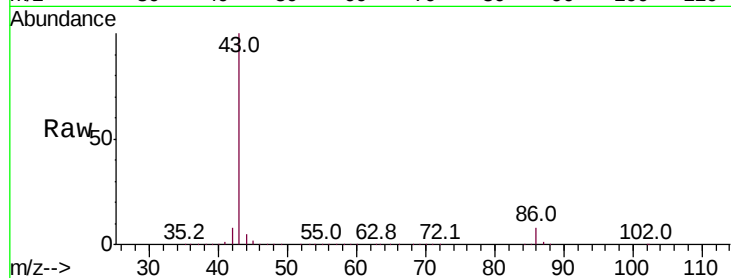
#23
 Vinyl Acetate
 Concen: 254.274 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1733099
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.5 9.7

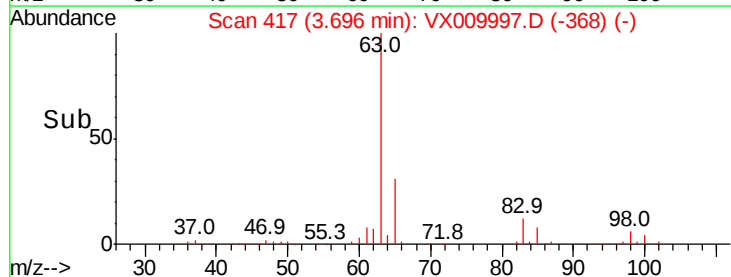
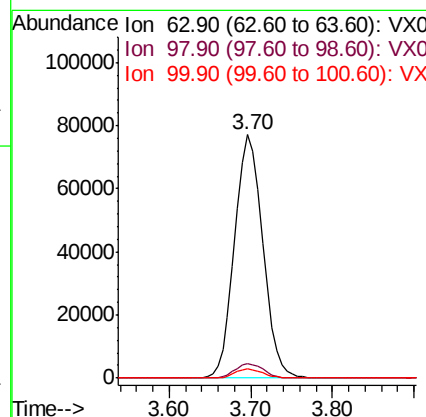
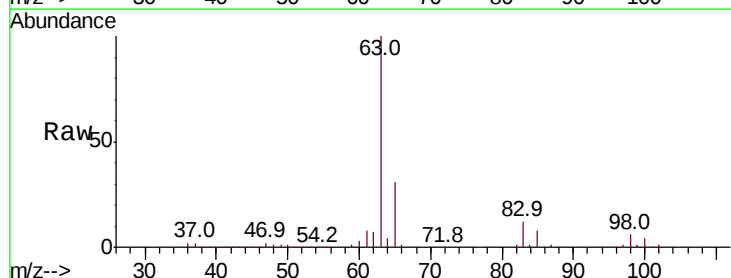
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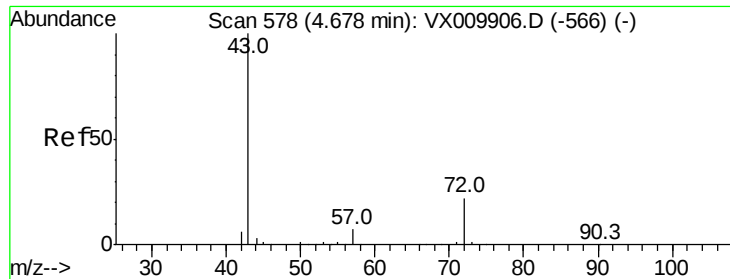
MMDadoda
 6/3/2019 9:47:45 AM



#24
 1,1-Dichloroethane
 Concen: 50.321 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 63 Resp: 185024
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 3.7 1.8 5.4





#25

2-Butanone

Concen: 251.985 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 519077

Ion Ratio Lower Upper

43 100

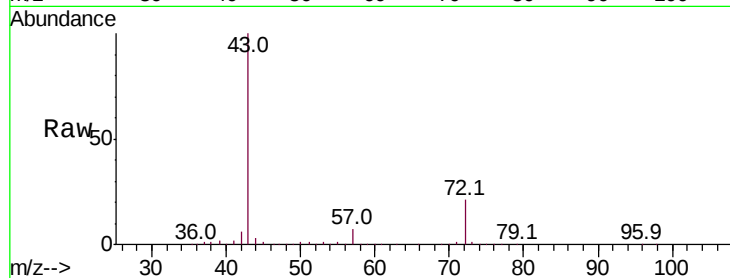
72 21.2 17.5 26.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

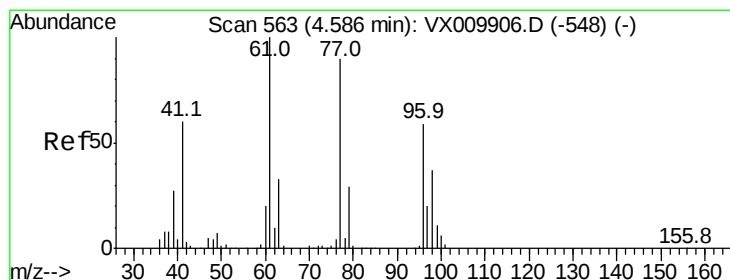
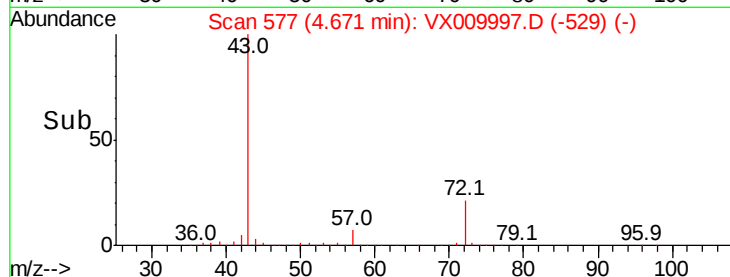
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 45.688 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009997.D

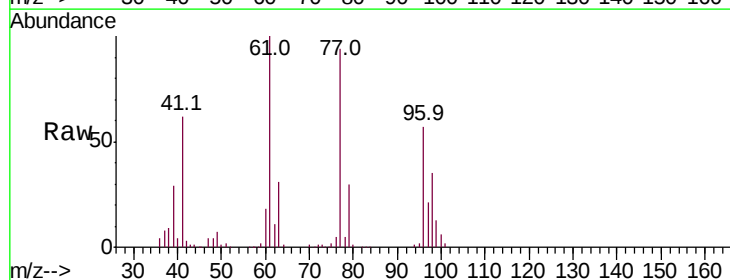
Acq: 31 May 2019 19:54

Tgt Ion: 77 Resp: 127075

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

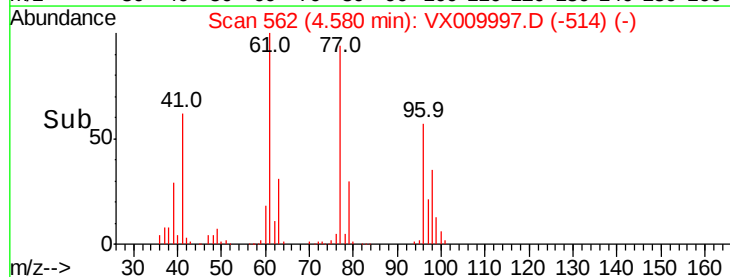
30000

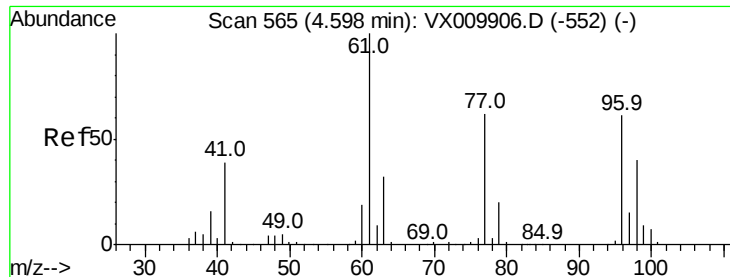
20000

10000

0

Time-->





#27

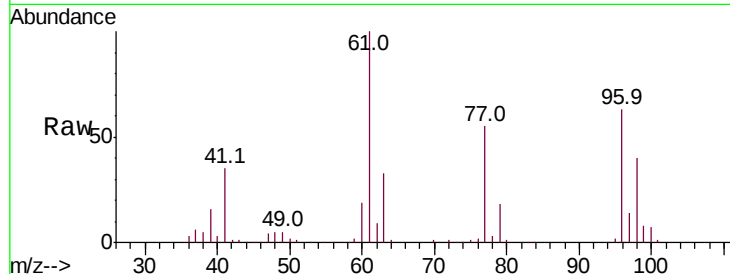
cis-1,2-Dichloroethene
Concen: 48.160 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	164.6	0.0	334.0	
98	64.3	0.0	131.6	

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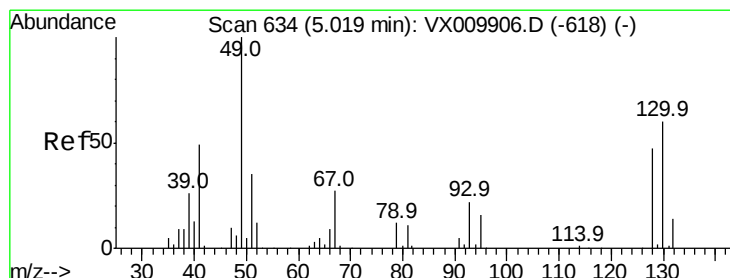
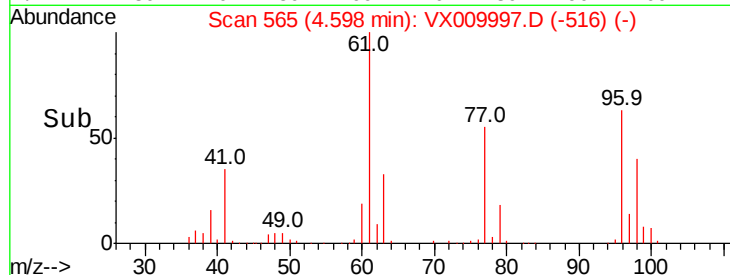
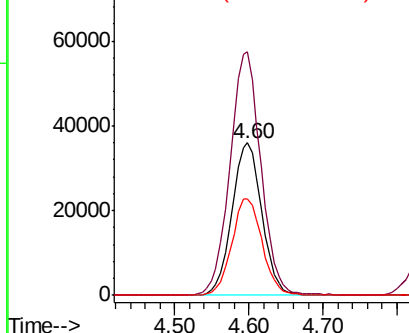


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

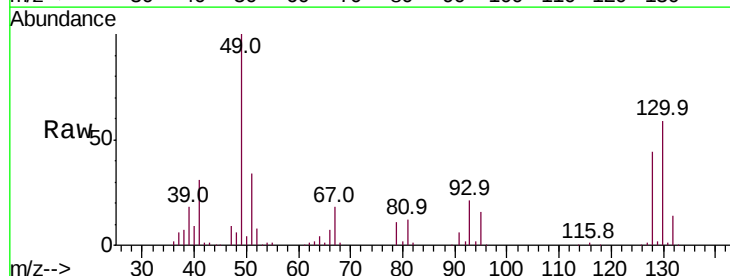
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 47.330 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.2	0.0	3.4	
130	61.8	49.4	74.2	

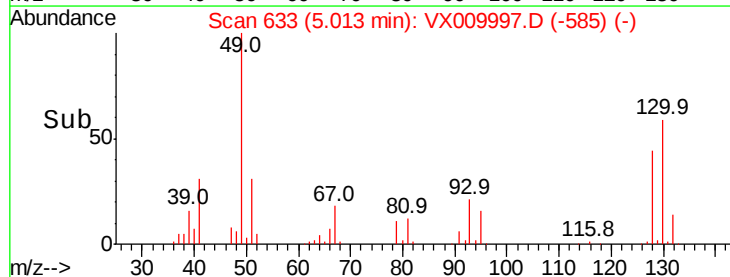
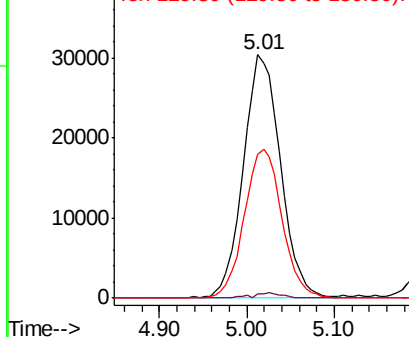


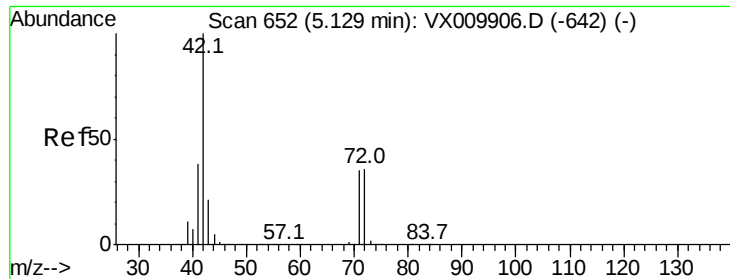
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





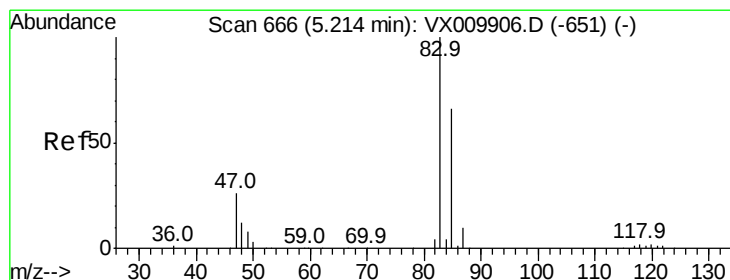
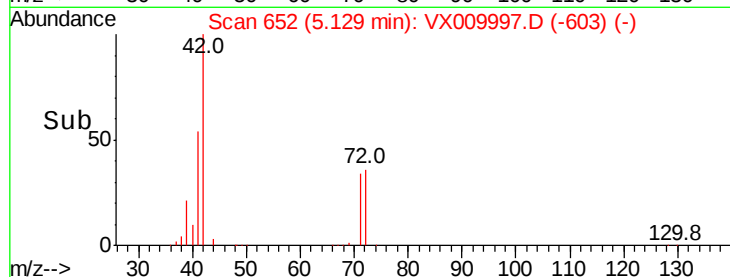
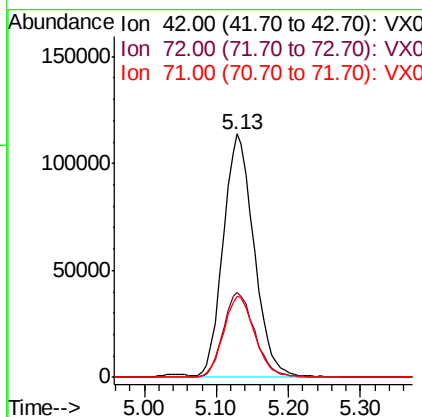
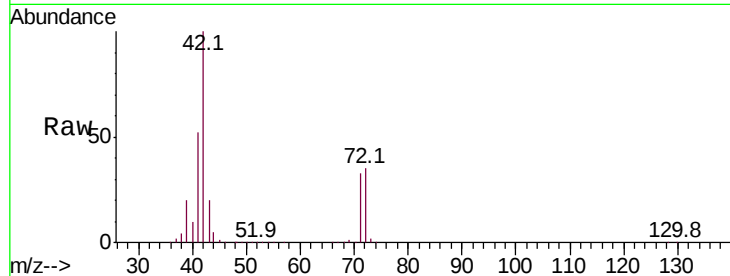
#29
Tetrahydrofuran
Concen: 254.724 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.0	29.2	43.8
71	34.1	27.6	41.4

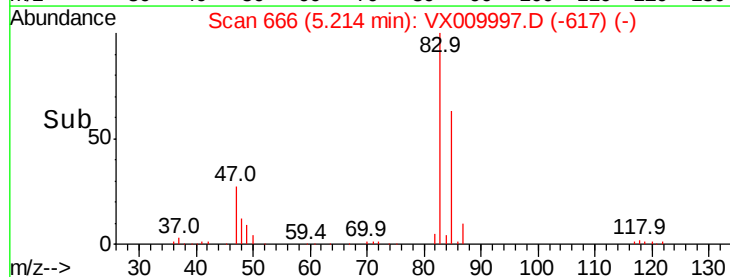
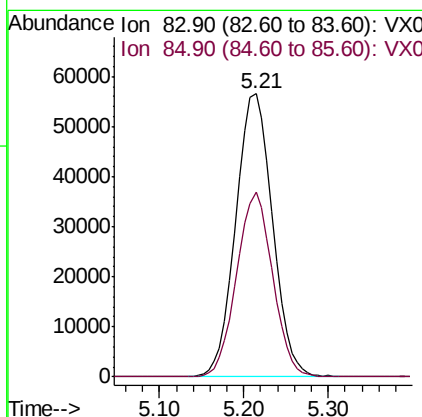
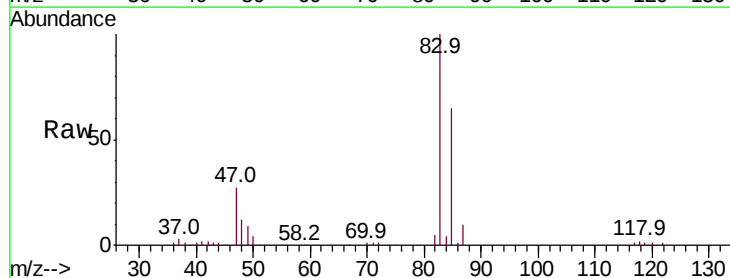
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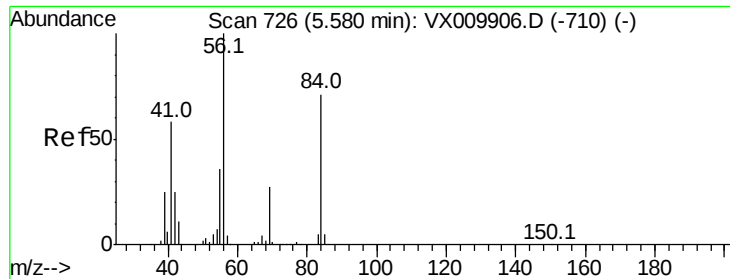
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#30
Chloroform
Concen: 50.504 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.6	78.8





#31

Cyclohexane

Concen: 51.853 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

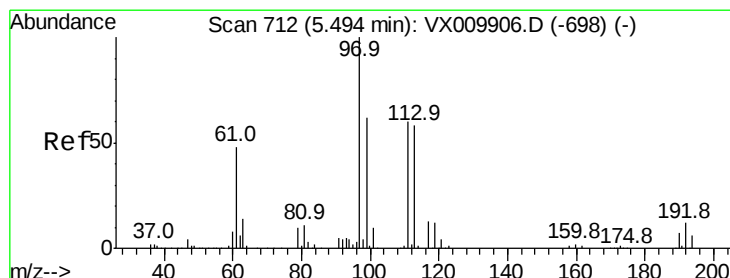
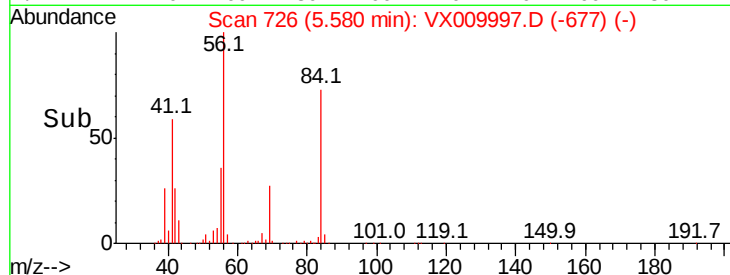
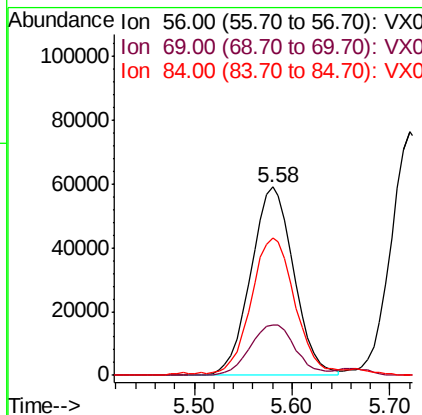
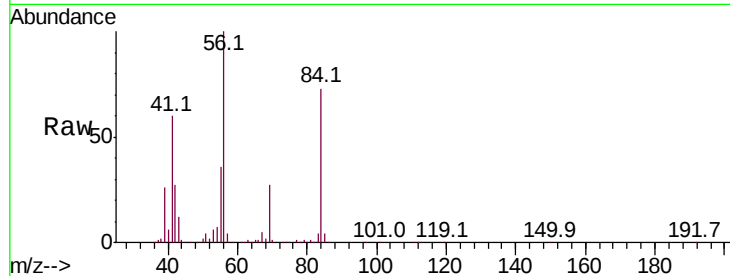
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	180575
Ion	Ratio	Lower	Upper
56	100		
69	26.6	21.6	32.4
84	72.2	56.8	85.2

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#32

1,1,1-Trichloroethane

Concen: 52.095 ug/l

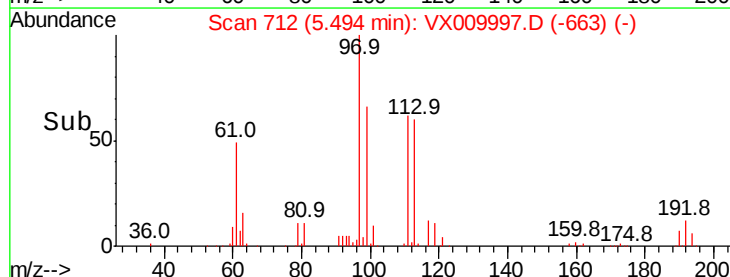
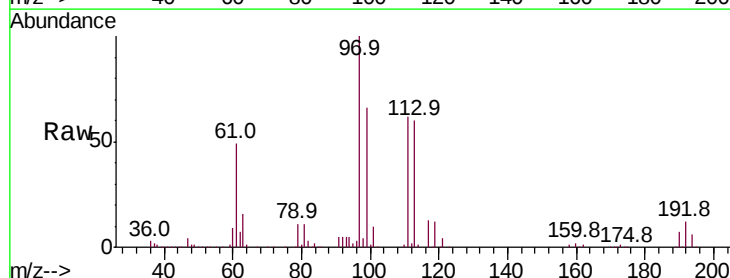
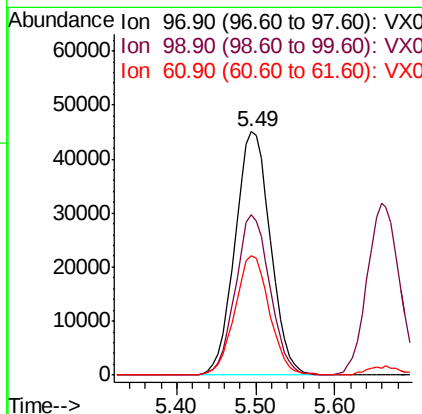
RT: 5.49 min Scan# 712

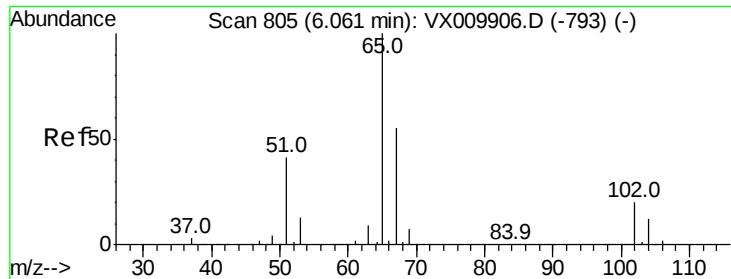
Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion:	97	Resp:	140684
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	48.2	38.7	58.1





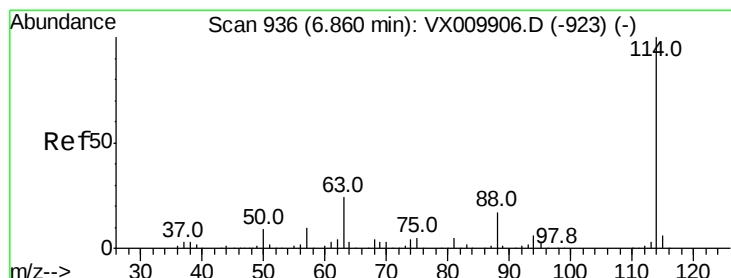
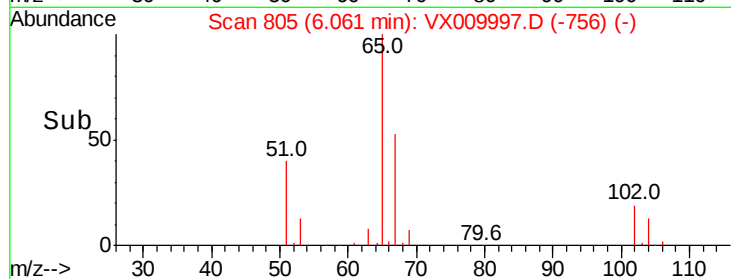
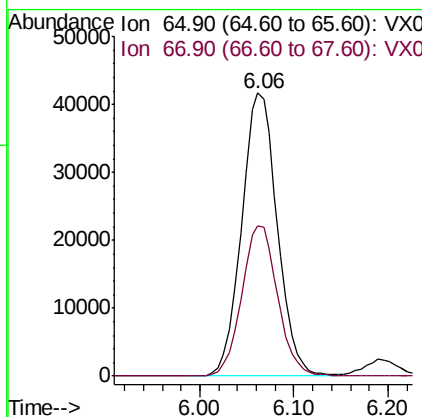
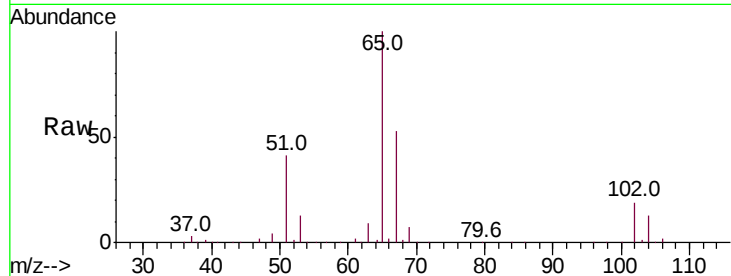
#33
 1,2-Dichloroethane-d4
 Concen: 48.326 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110590		
67	53.3	0.0	108.4	

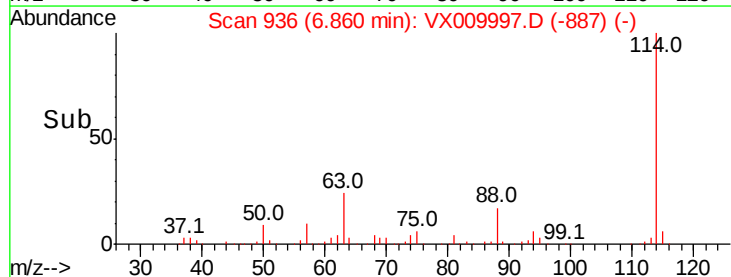
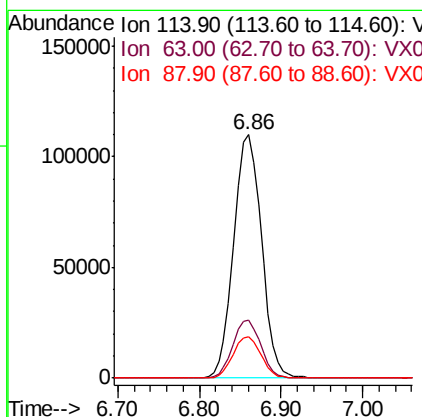
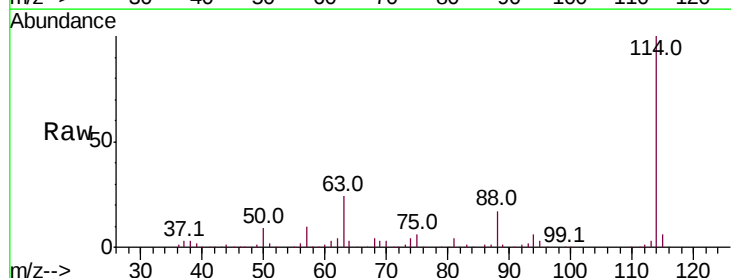
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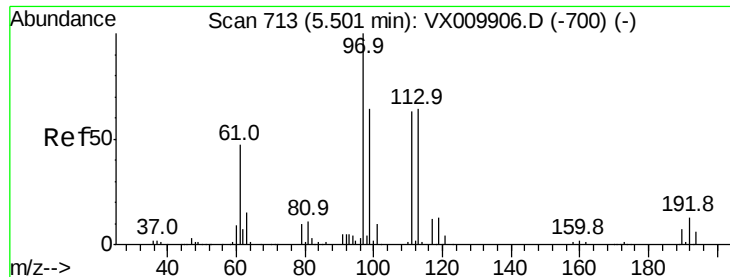
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	260556		
63	23.8	0.0	47.4	
88	17.1	0.0	33.0	





#35

Dibromofluoromethane

Concen: 49.316 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

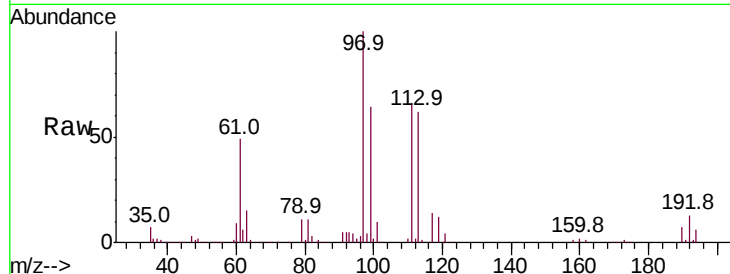
ClientSampleId :

VSTDCCC050EC

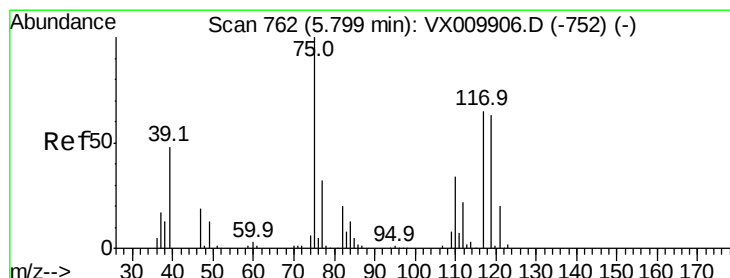
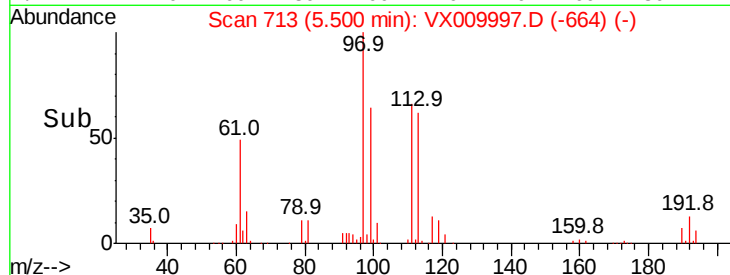
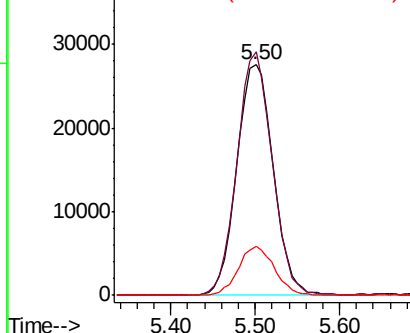
Tot Ion:	113	Resp:	80786
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	20.9	17.1	25.7

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.921 ug/l

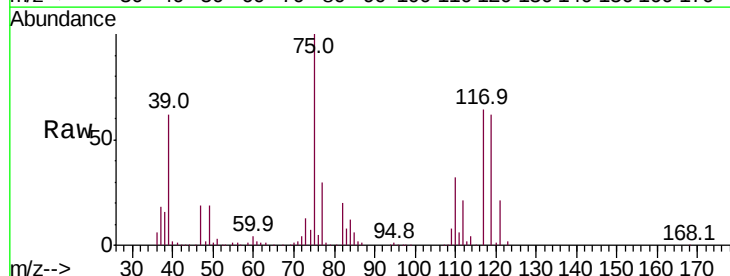
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

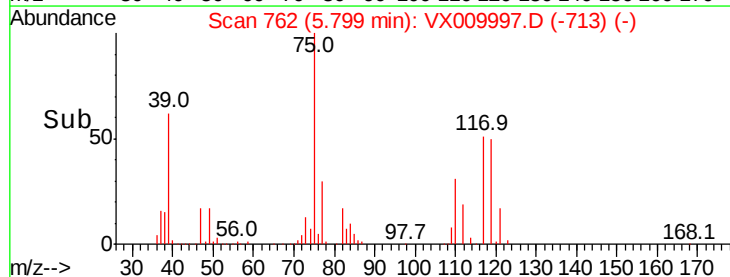
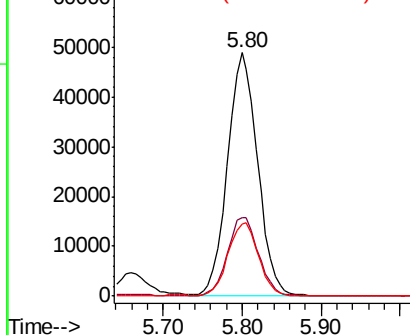
Lab File: VX009997.D

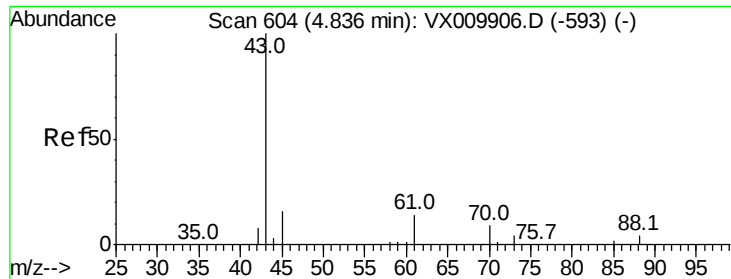
Acq: 31 May 2019 19:54

Tgt Ion:	75	Resp:	129329
Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.7	50.1
77	31.0	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





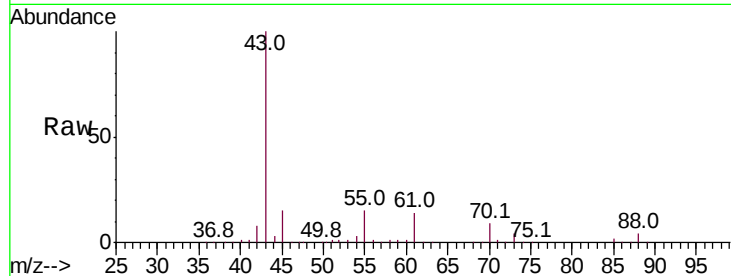
#37
Ethyl Acetate
Concen: 51.793 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

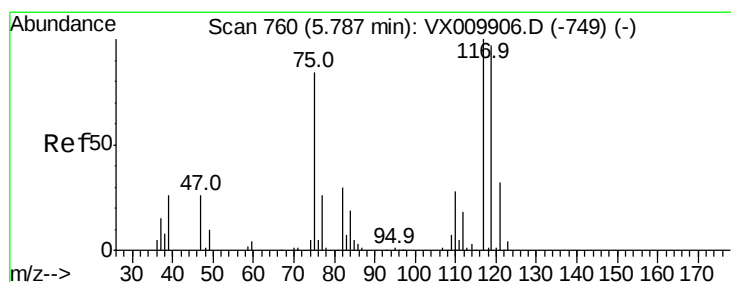
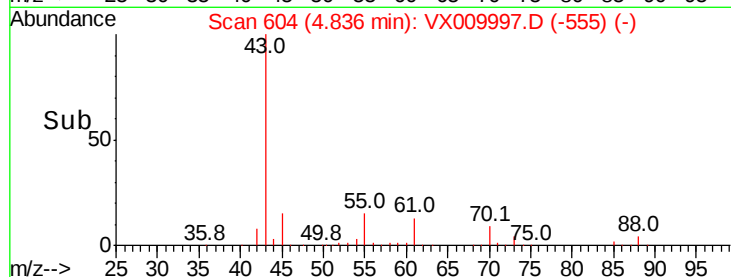
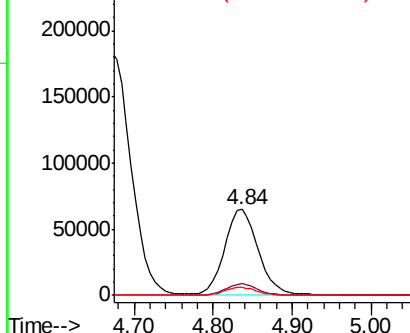
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.2
70	9.1	7.4	11.2

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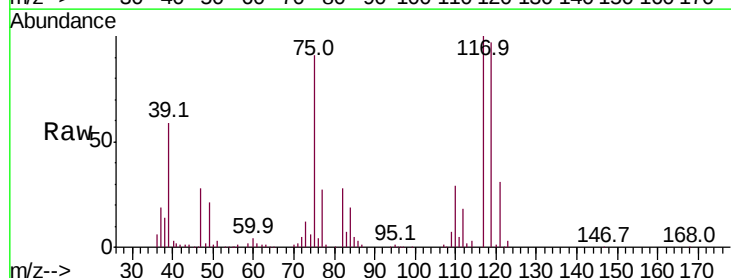


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

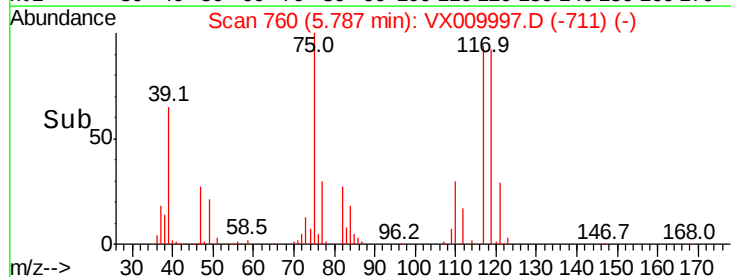
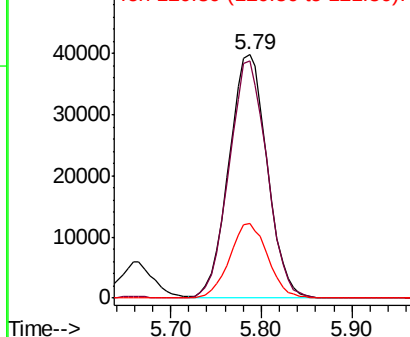


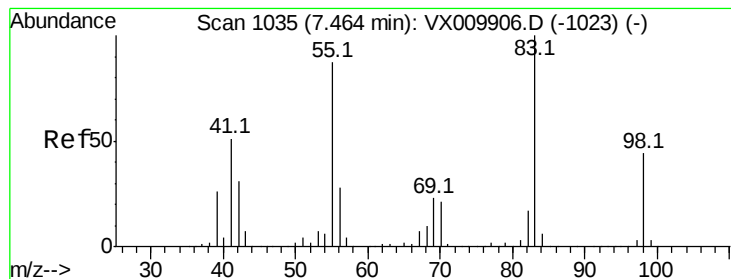
#38
Carbon Tetrachloride
Concen: 51.123 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.3	115.9
121	30.7	25.4	38.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 50.317 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

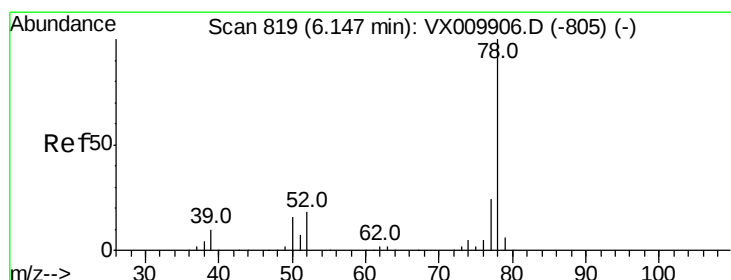
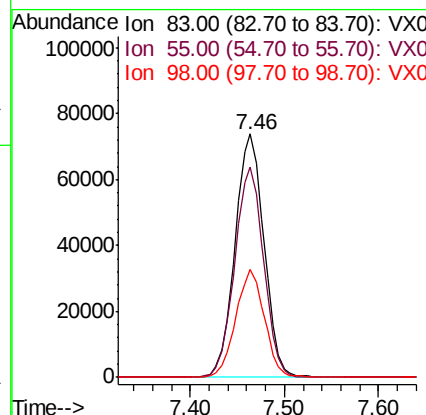
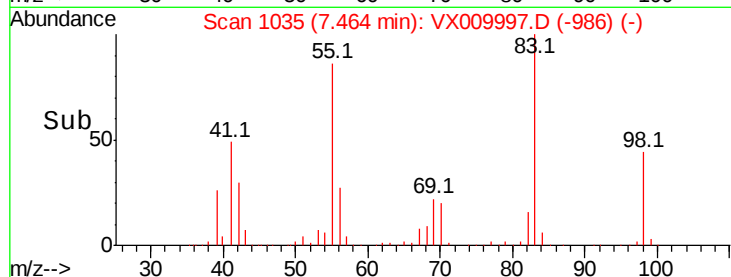
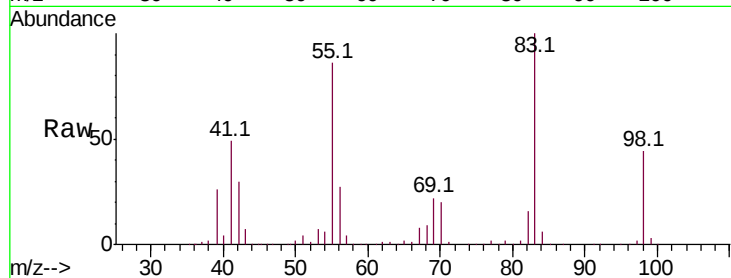
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	157787
Ion Ratio	Lower	Upper	
83	100		
55	86.4	69.9	104.9
98	44.3	35.1	52.7

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#40

Benzene

Concen: 50.447 ug/l

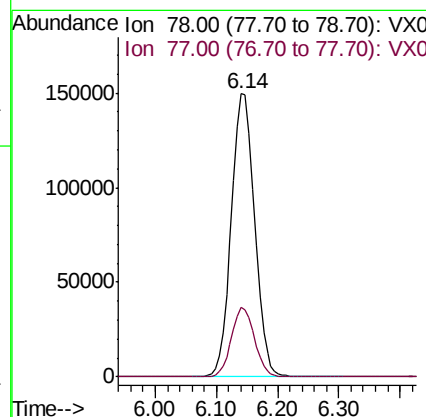
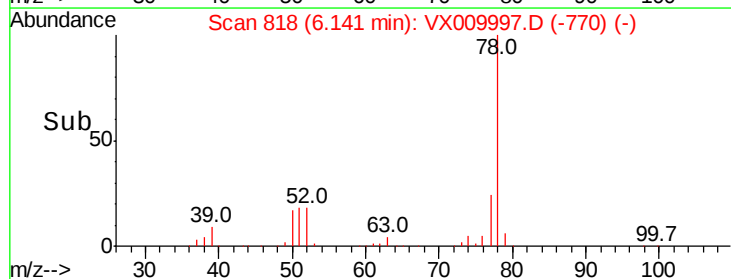
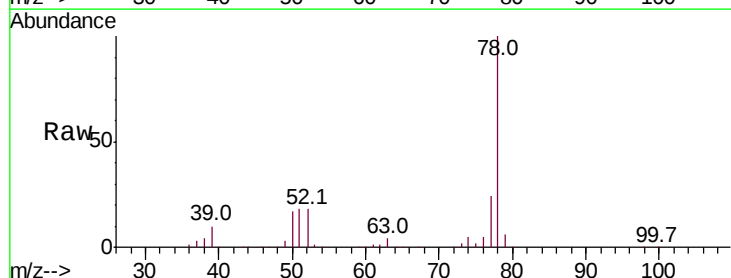
RT: 6.14 min Scan# 818

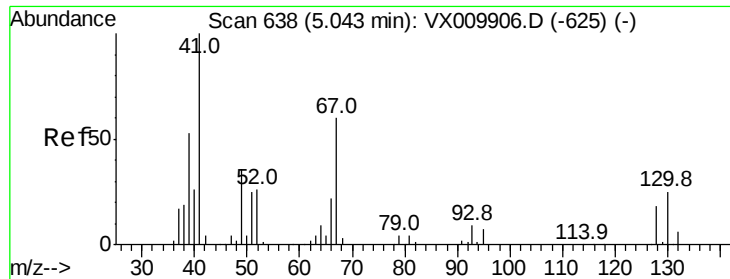
Delta R.T. -0.01 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion:	78	Resp:	395617
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.2	28.8





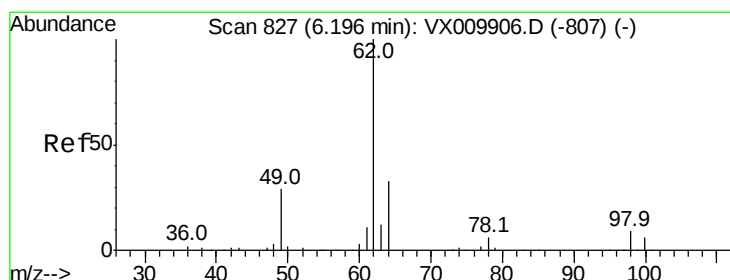
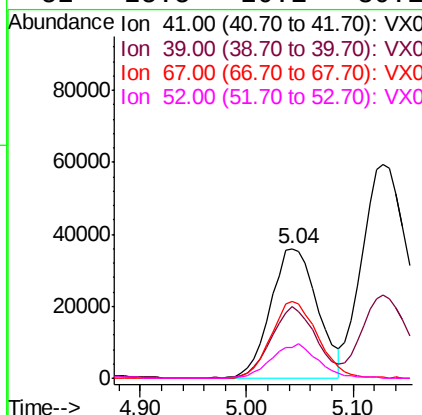
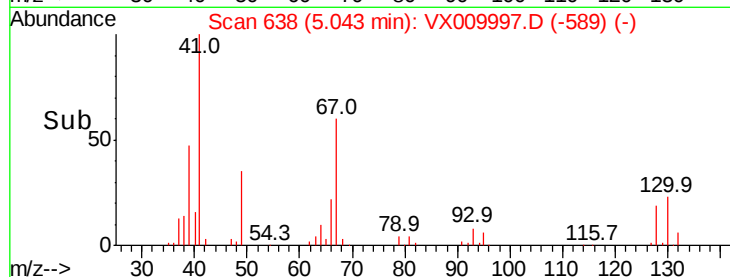
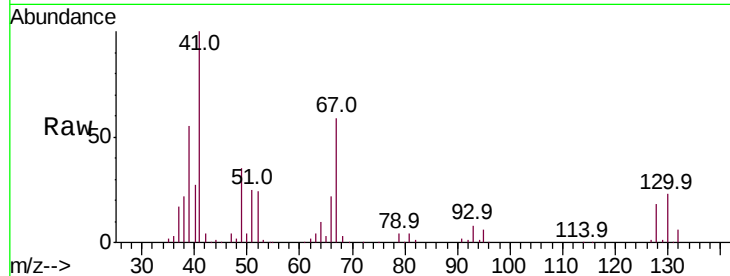
#41
Methacrylonitrile
Concen: 50.850 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	42.2	63.4	
67	59.6	48.9	73.3	
52	25.5	20.1	30.1	

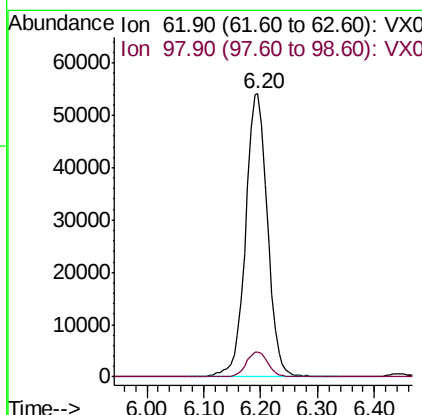
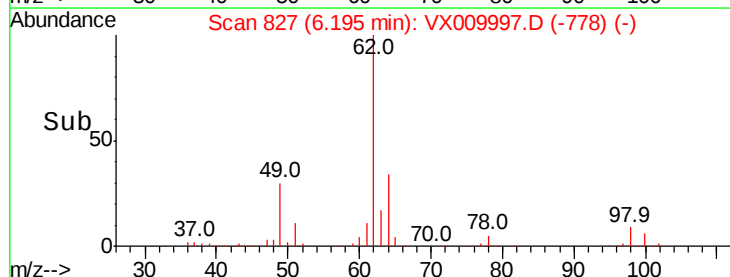
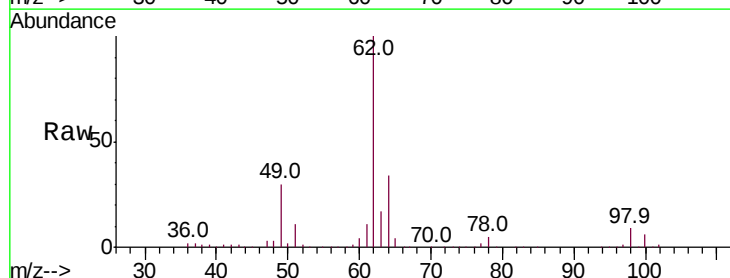
Manual Integrations
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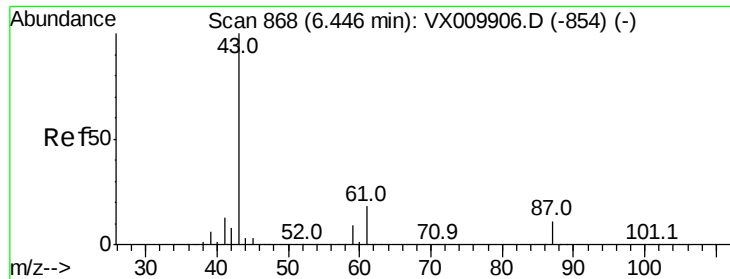
MMDadoda
6/3/2019 9:47:45 AM



#42
1,2-Dichloroethane
Concen: 50.042 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	17.2	





#43

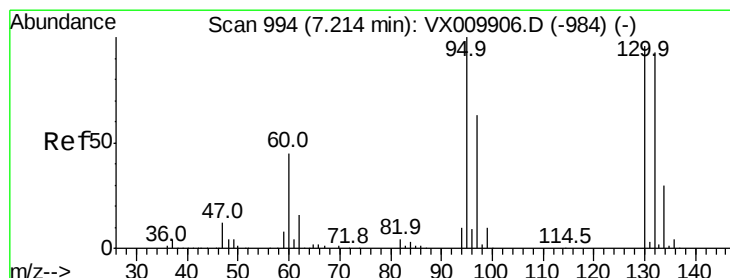
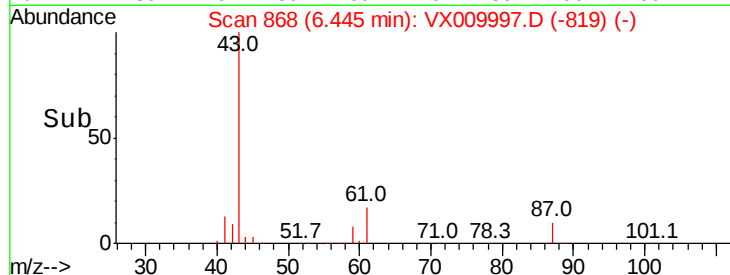
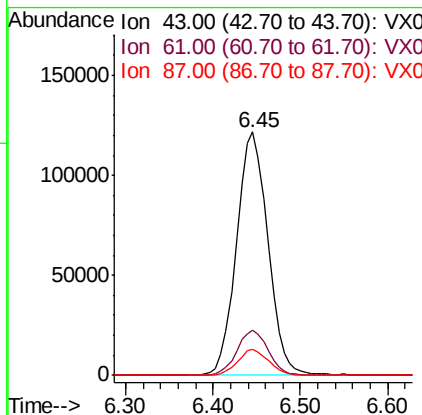
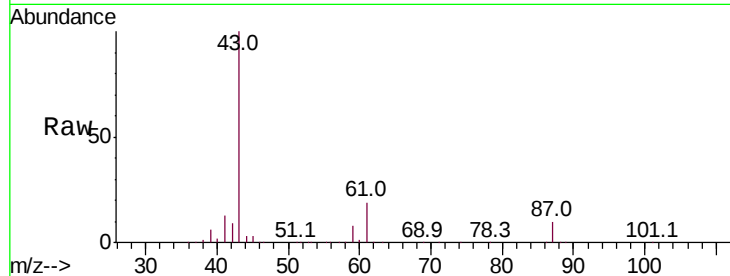
Isopropyl Acetate
 Concen: 50.920 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.6	21.8
87	10.5	8.7	13.1

Manual Integrations
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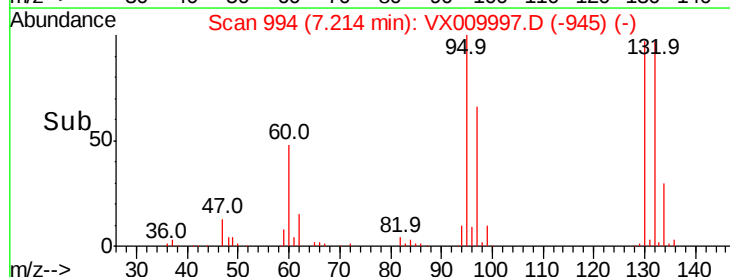
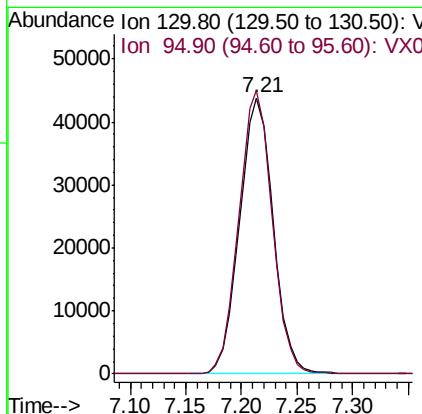
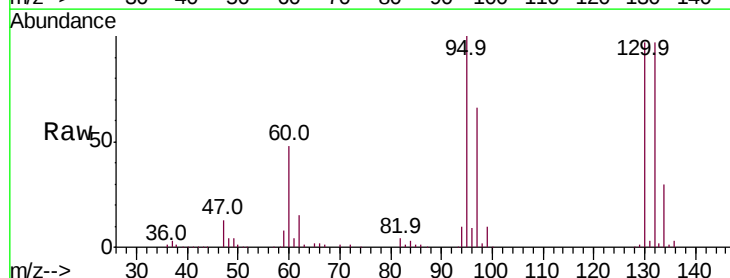
MMDadoda
 6/3/2019 9:47:45 AM

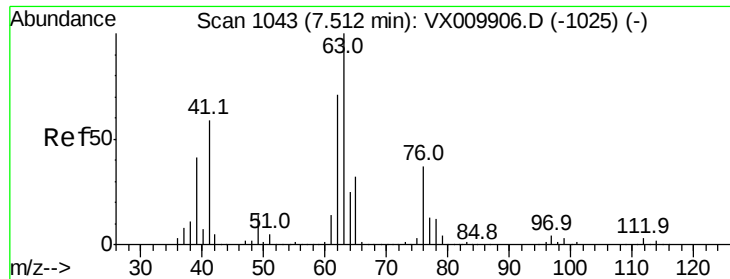


#44

Trichloroethene
 Concen: 48.339 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	207.4





#45

1,2-Dichloropropane

Concen: 49.354 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 111418

Ion Ratio Lower Upper

63 100

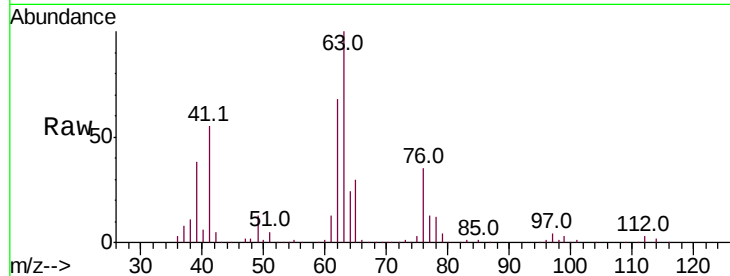
65 29.6 25.7 38.5

Manual Integrations

APPROVED

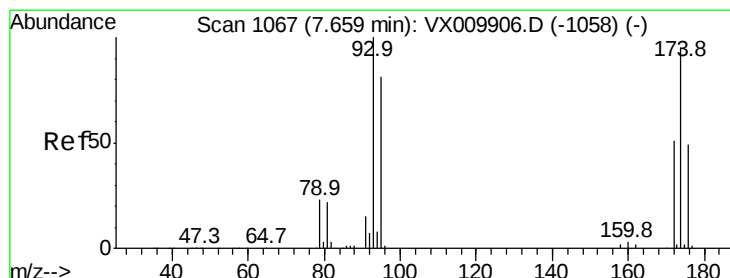
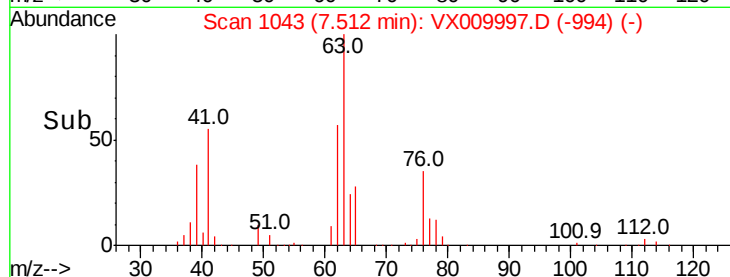
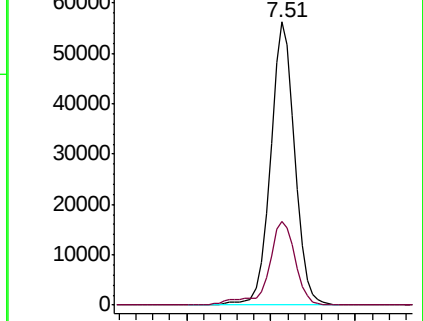
MMDadoda

6/3/2019 9:47:45 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.453 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

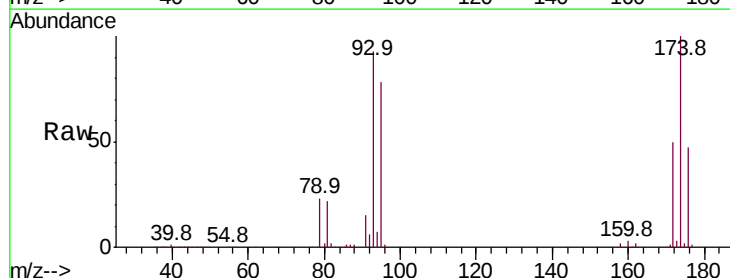
Tgt Ion: 93 Resp: 63057

Ion Ratio Lower Upper

93 100

95 83.8 66.8 100.2

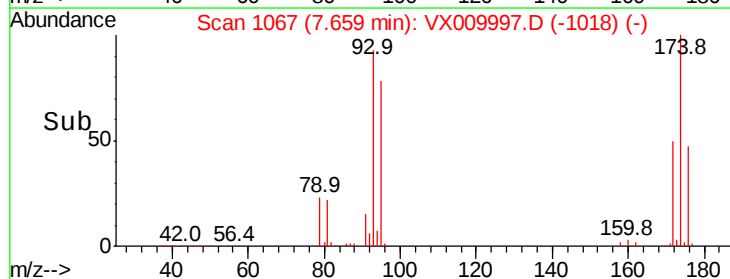
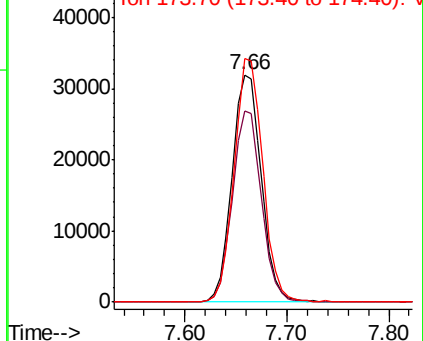
174 105.2 81.9 122.9

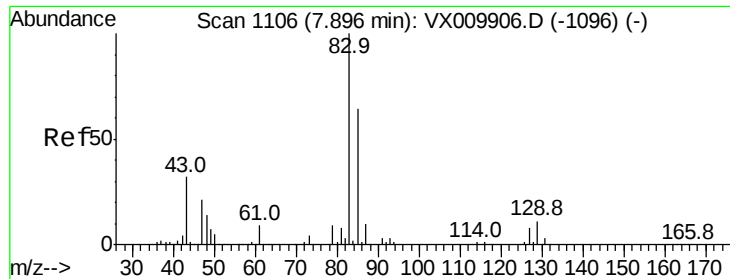


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.073 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

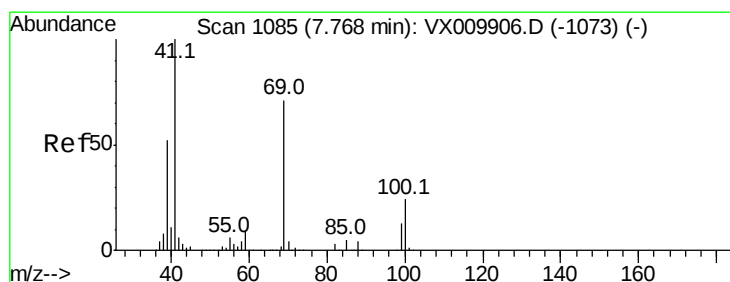
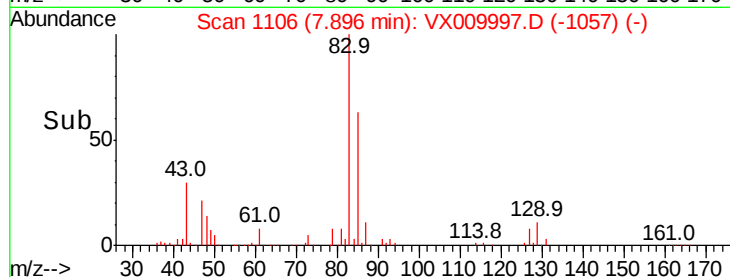
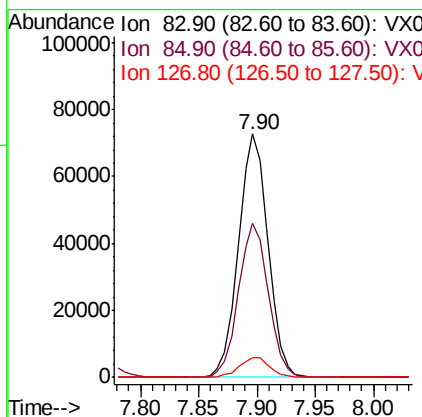
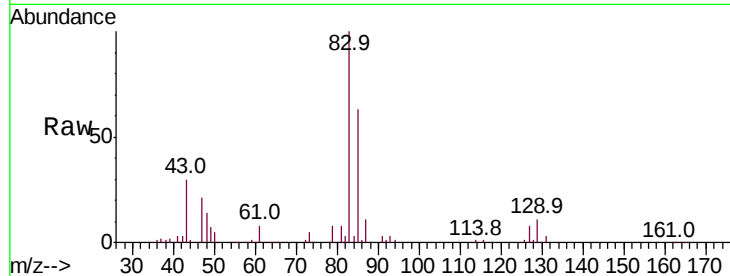
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	129058
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.2
127	8.1	6.4	9.6

Manual Integrations
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MMDadoda
6/3/2019 9:47:45 AM



#48

Methyl methacrylate

Concen: 51.329 ug/l

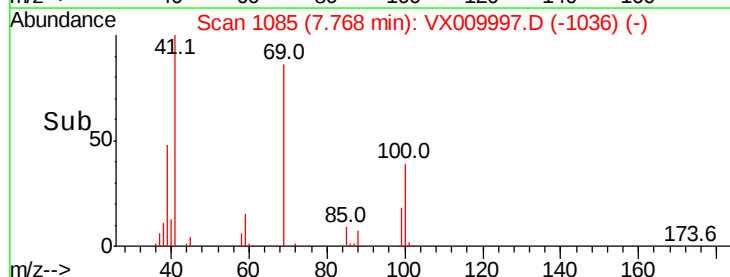
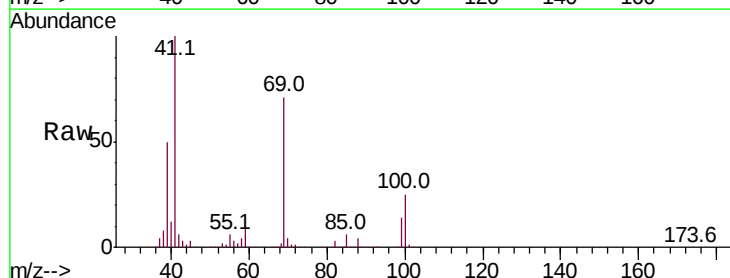
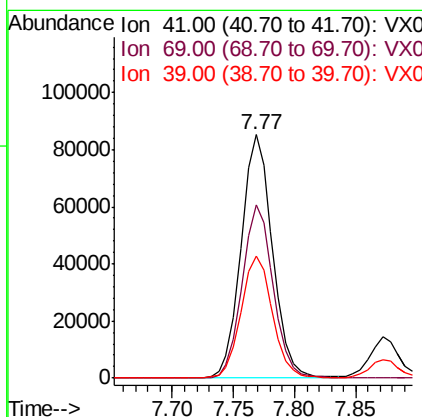
RT: 7.77 min Scan# 1085

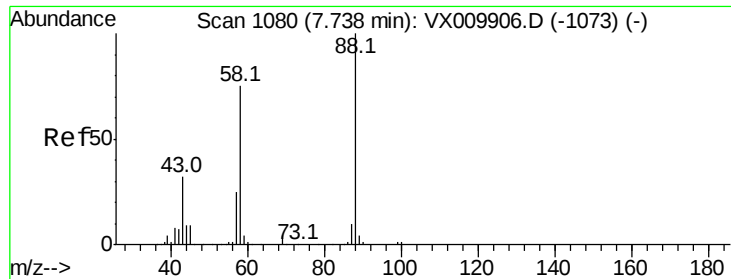
Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion:	41	Resp:	151025
Ion	Ratio	Lower	Upper
41	100		
69	70.9	56.4	84.6
39	50.2	40.6	60.8





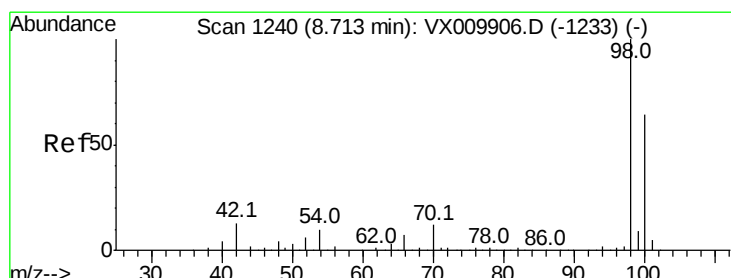
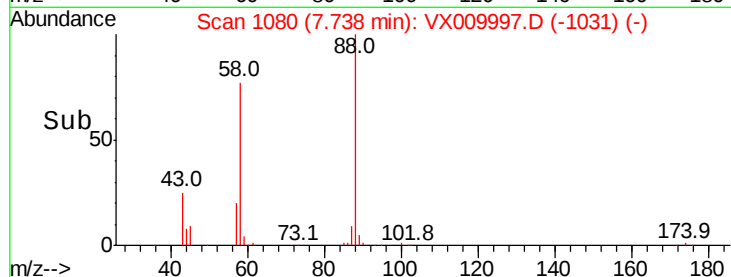
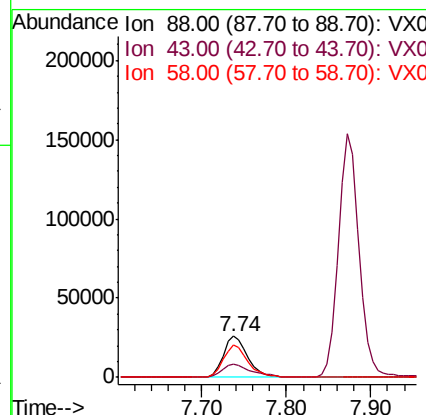
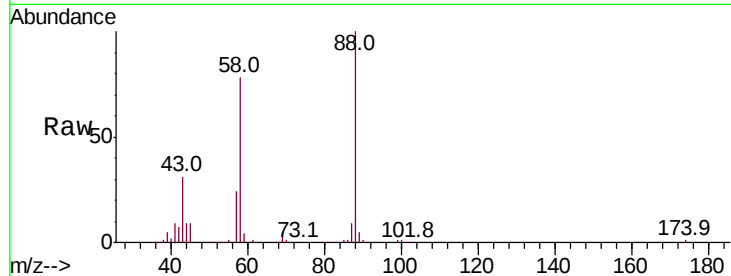
#49
1,4-Dioxane
Concen: 933.717 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	30.2	45.4
58	80.0	64.0	96.0

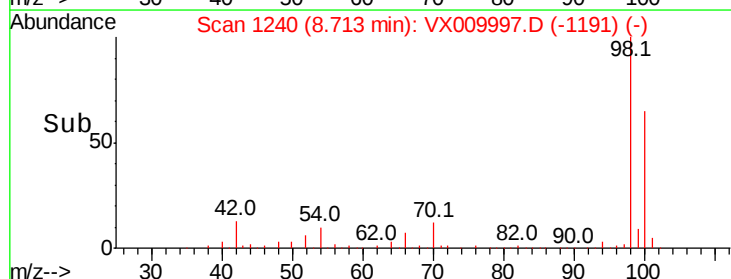
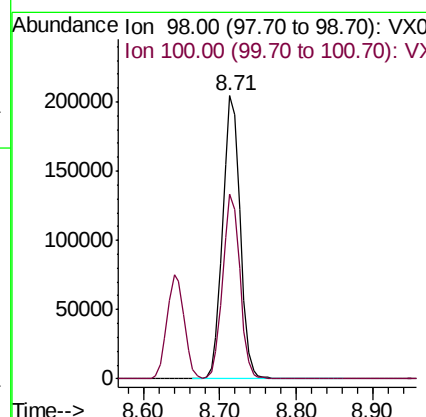
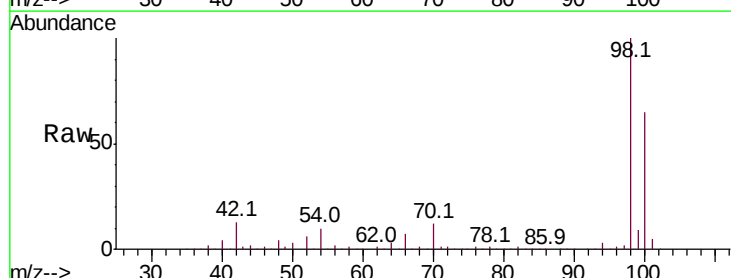
Manual Integrations
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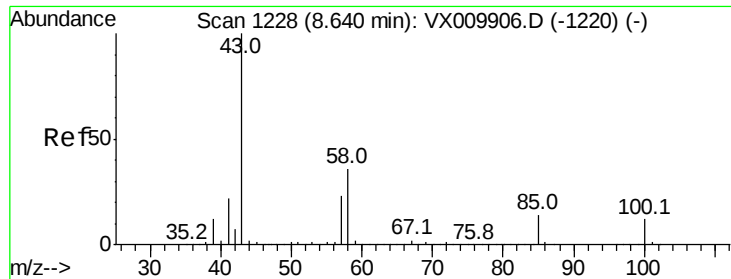
MMDadoda
6/3/2019 9:47:45 AM



#50
Toluene-d8
Concen: 48.843 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.5	77.3





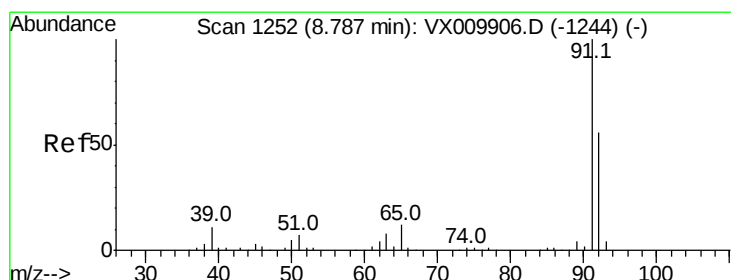
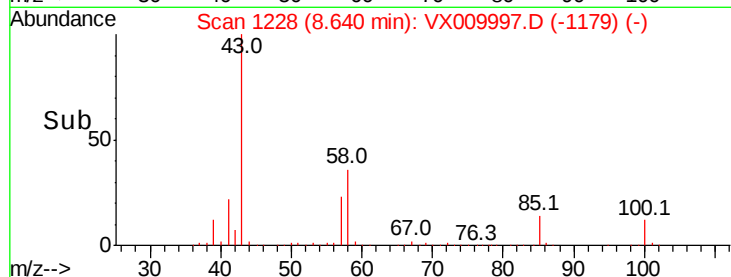
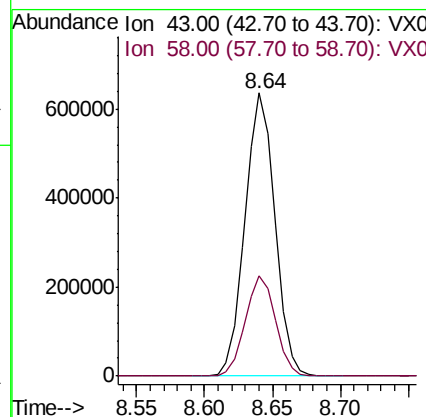
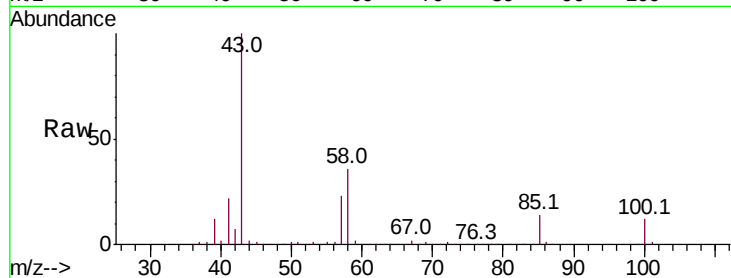
#51
4-Methyl-2-Pentanone
Concen: 253.378 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion	43	58	Ratio	100	36.0	Resp	979661	Lower	28.8	Upper	43.2
Ion	43	58	Ratio	100	36.0	Resp	979661	Lower	28.8	Upper	43.2

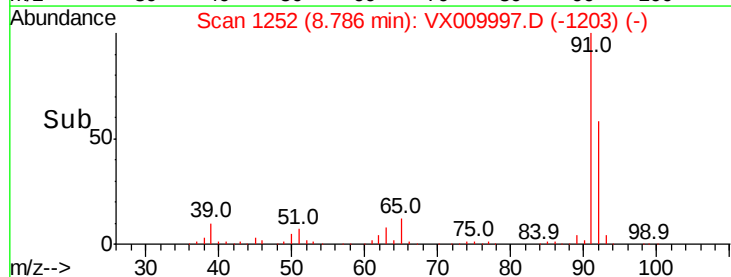
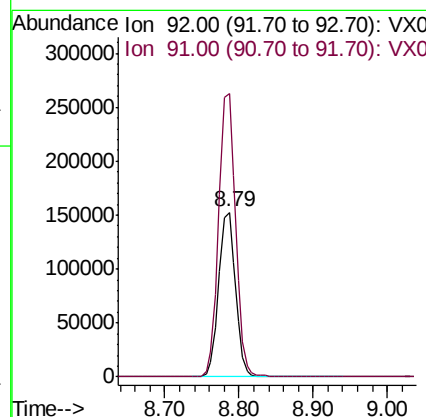
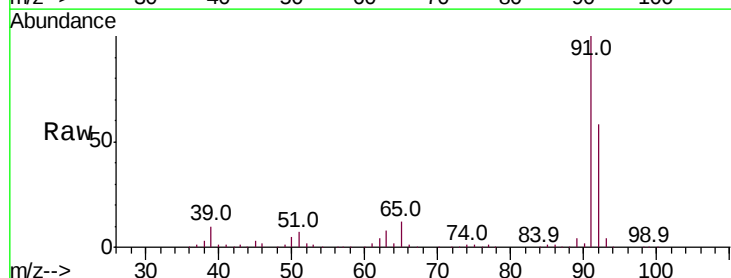
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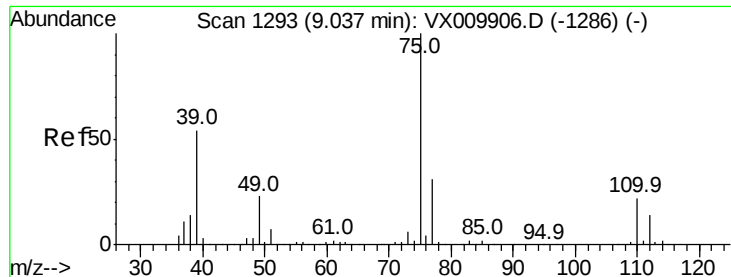
MMDadoda
6/3/2019 9:47:45 AM



#52
Toluene
Concen: 50.067 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	92	91	Ratio	100	172.9	Resp	238397	Lower	139.9	Upper	209.9
Ion	92	91	Ratio	100	172.9	Resp	238397	Lower	139.9	Upper	209.9





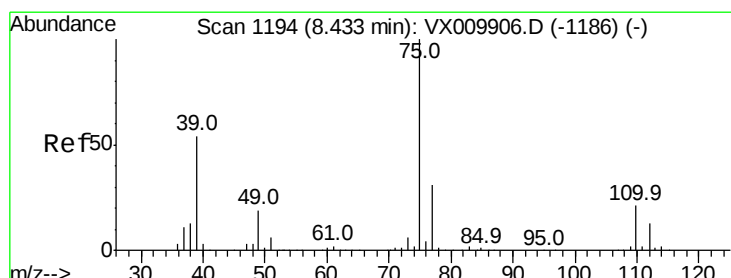
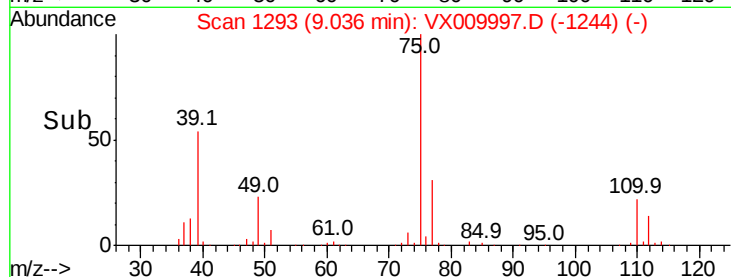
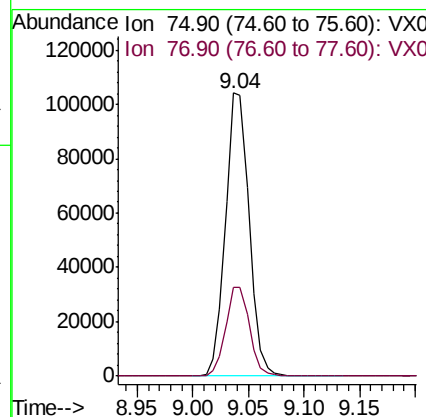
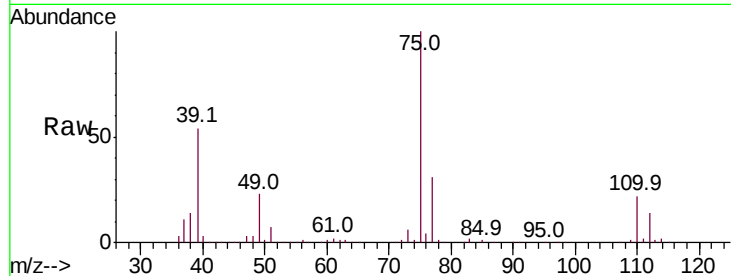
#53
t-1,3-Dichloropropene
Concen: 50.601 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 153350
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8

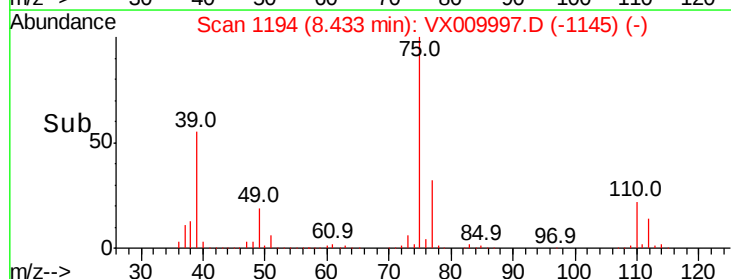
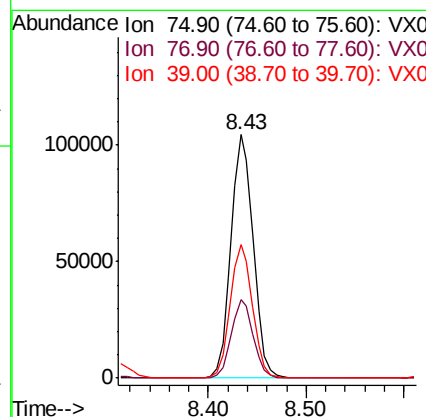
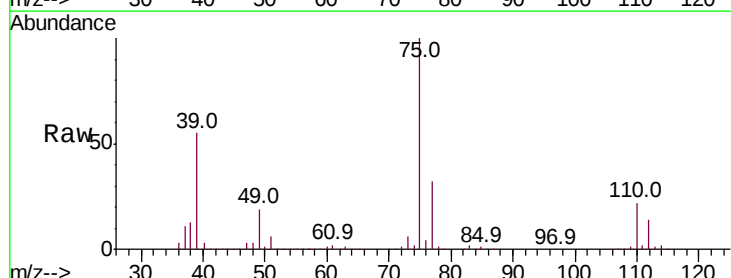
Manual Integrations
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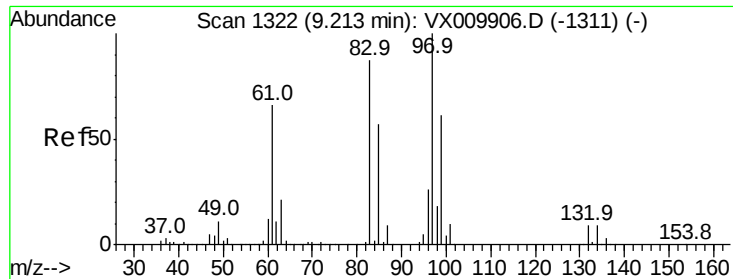
MMDadoda
6/3/2019 9:47:45 AM



#54
cis-1,3-Dichloropropene
Concen: 49.993 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 75 Resp: 165074
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 54.7 43.4 65.0





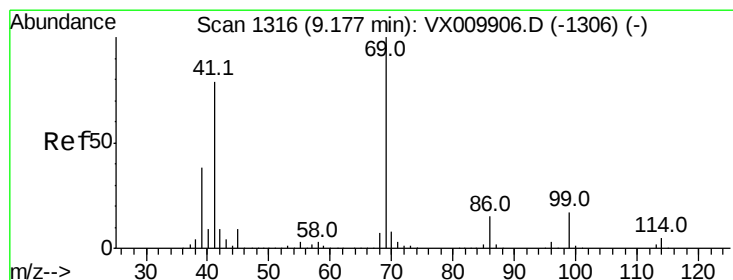
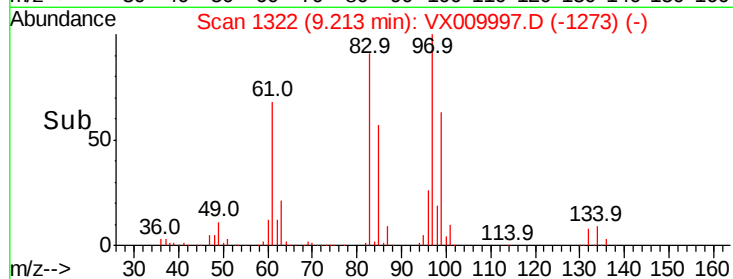
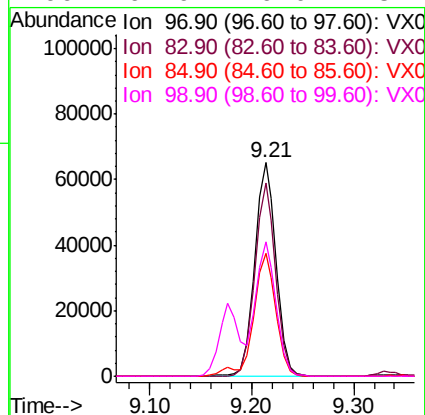
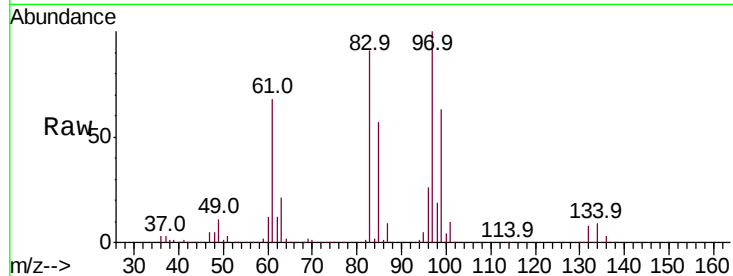
#55
 1,1,2-Trichloroethane
 Concen: 50.173 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	96155
Ion	Ratio	Lower	Upper
97	100		
83	90.5	69.8	104.8
85	57.5	45.3	67.9
99	62.9	49.0	73.4

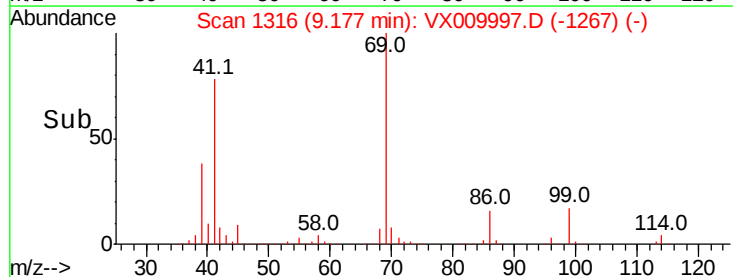
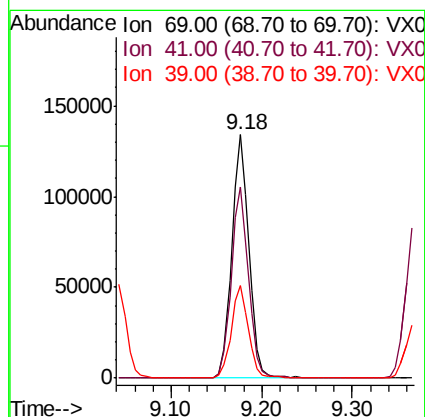
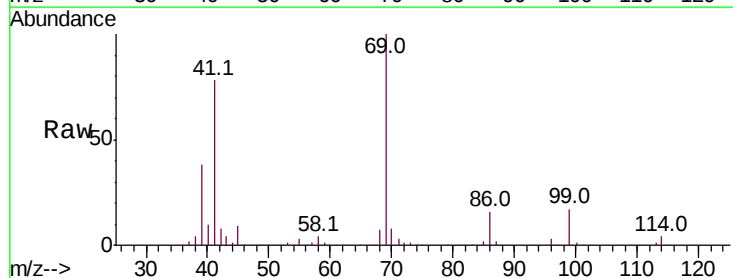
Manual Integrations
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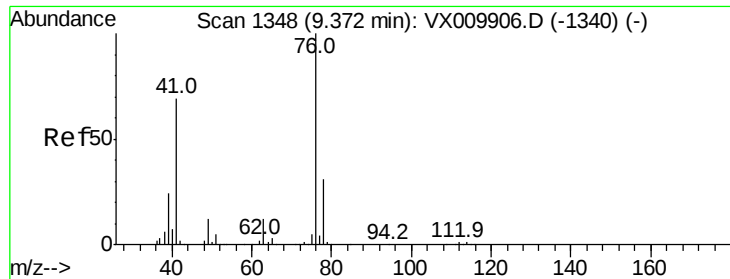
MMDadoda
 6/3/2019 9:47:45 AM



#56
 Ethyl methacrylate
 Concen: 52.531 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion:	69	Resp:	179231
Ion	Ratio	Lower	Upper
69	100		
41	78.7	62.7	94.1
39	37.6	29.5	44.3





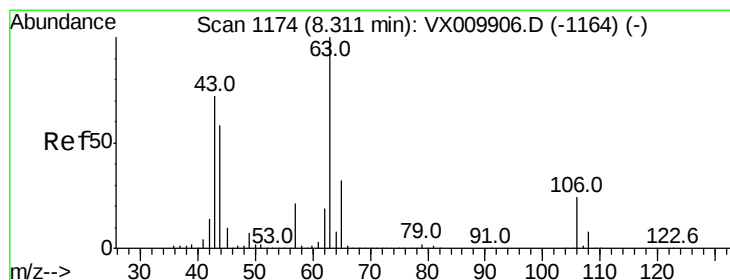
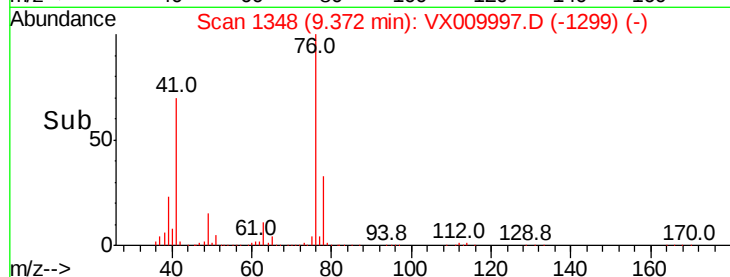
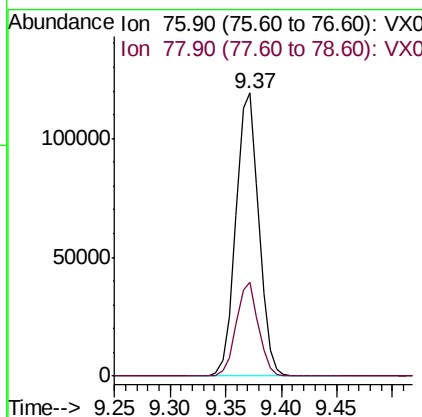
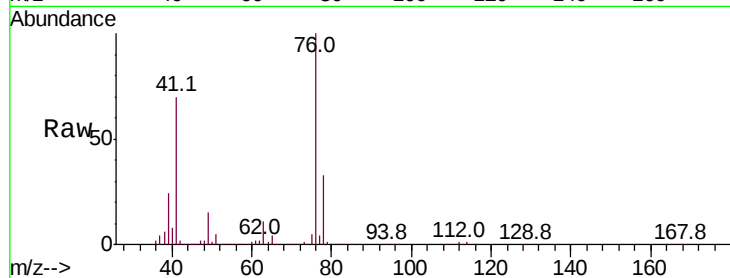
#57
 1,3-Dichloropropane
 Concen: 49.444 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 170174
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.4 38.0

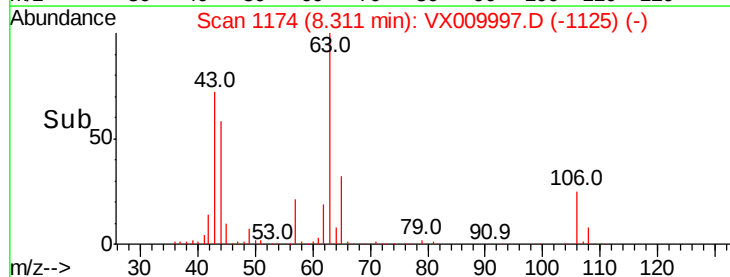
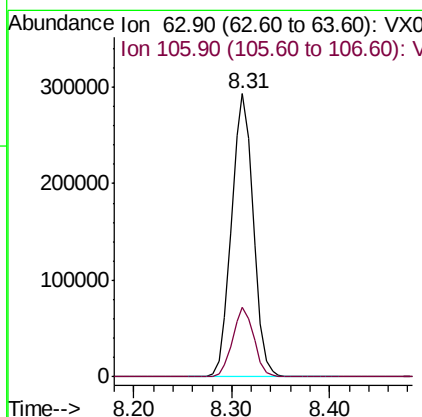
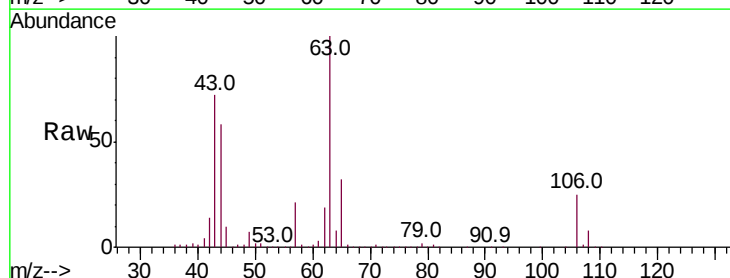
Manual Integrations
 APPROVED

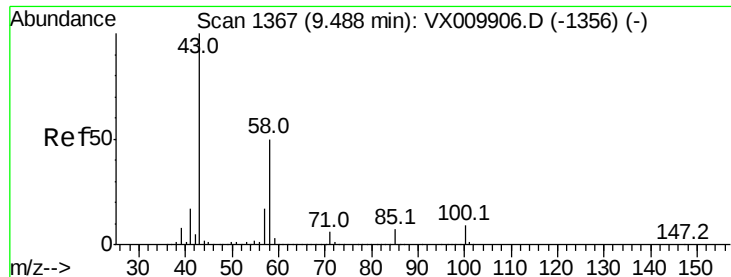
MMDadoda
 6/3/2019 9:47:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.327 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion: 63 Resp: 453229
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.4 29.2





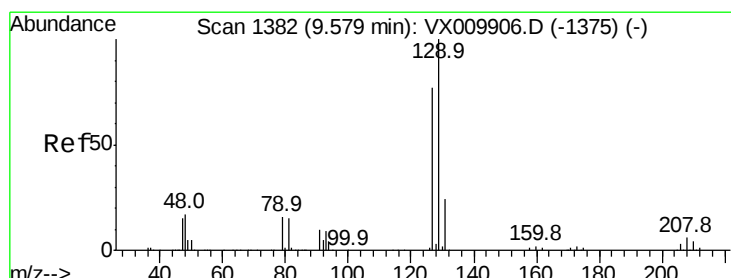
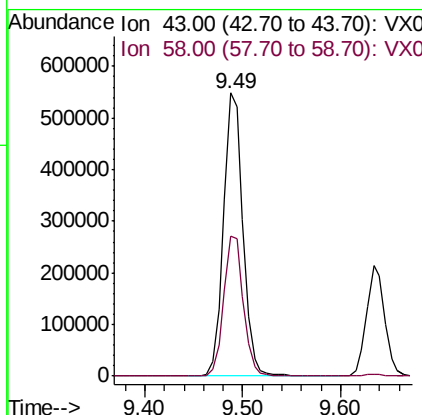
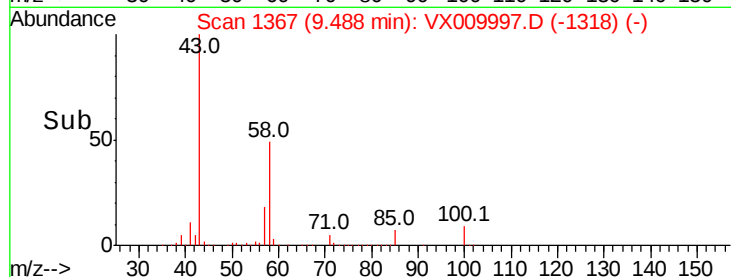
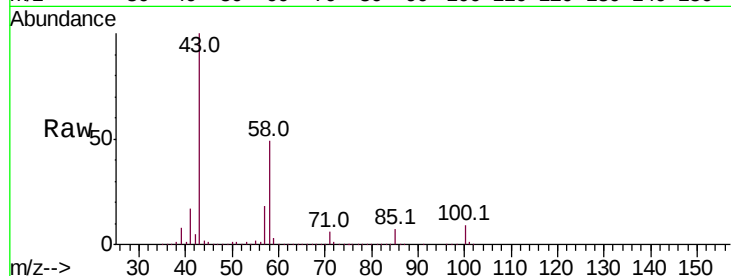
#59
2-Hexanone
Concen: 252.392 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 751311
Ion Ratio Lower Upper
43 100
58 50.3 25.1 75.3

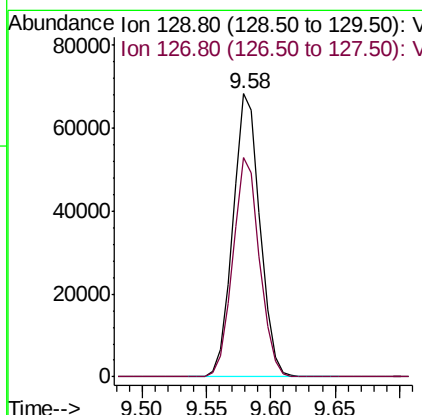
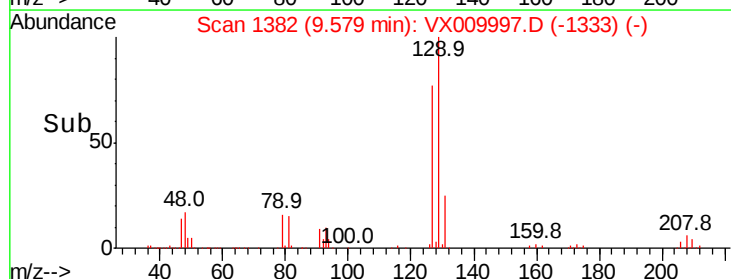
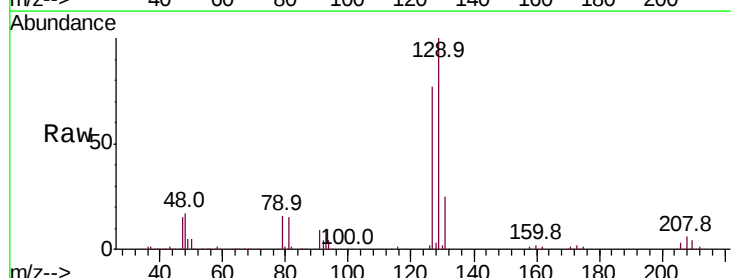
Manual Integrations
APPROVED

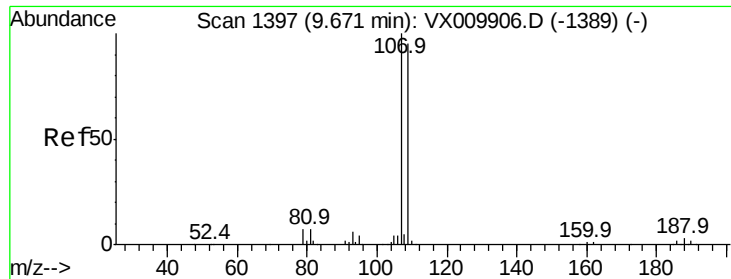
MMDadoda
6/3/2019 9:47:45 AM



#60
Dibromochloromethane
Concen: 52.734 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 129 Resp: 99415
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





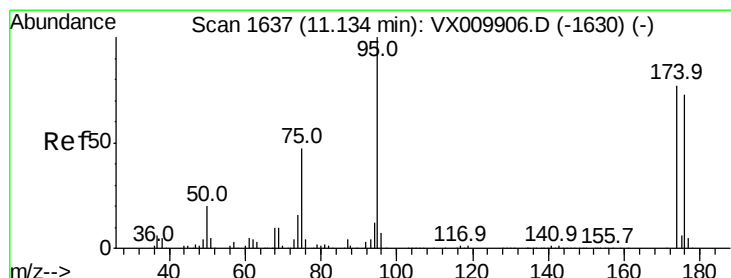
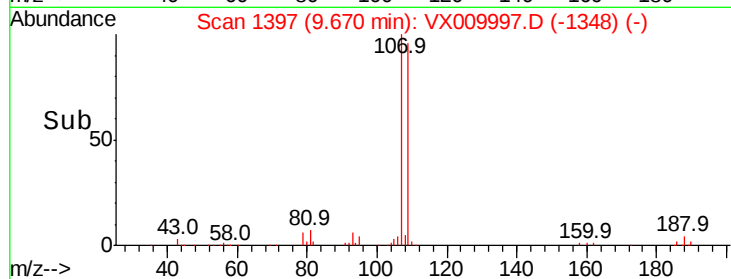
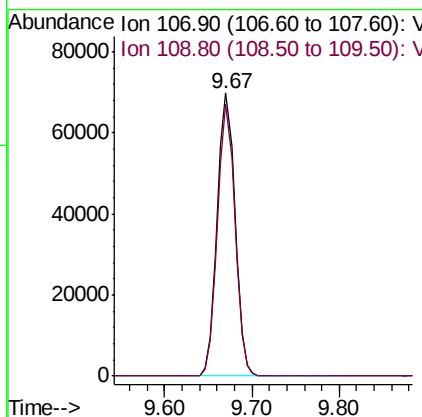
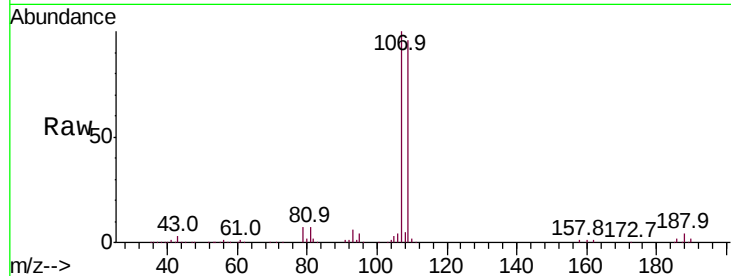
#61
 1,2-Dibromoethane
 Concen: 50.130 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.4	113.2

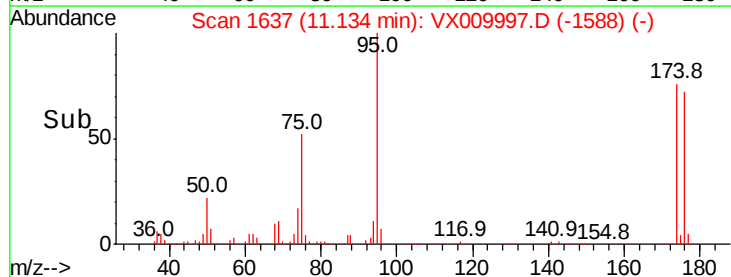
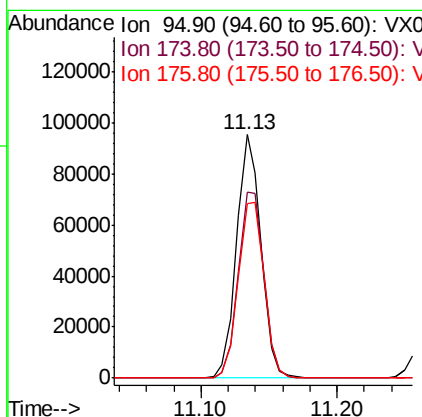
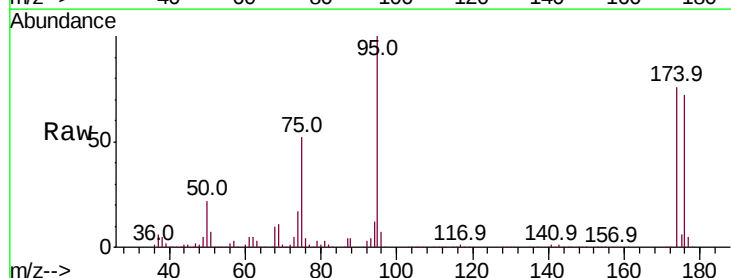
Manual Integrations
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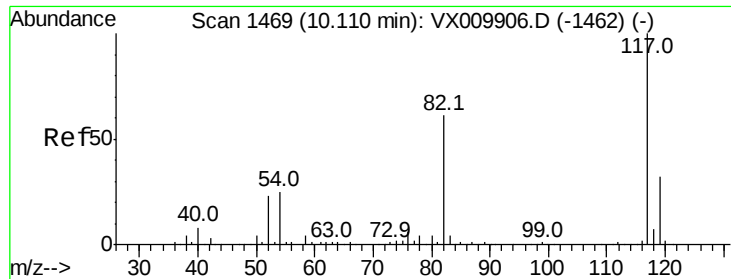
MMDadoda
 6/3/2019 9:47:45 AM



#62
 4-Bromofluorobenzene
 Concen: 49.633 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	160.4
176	77.5	0.0	154.6





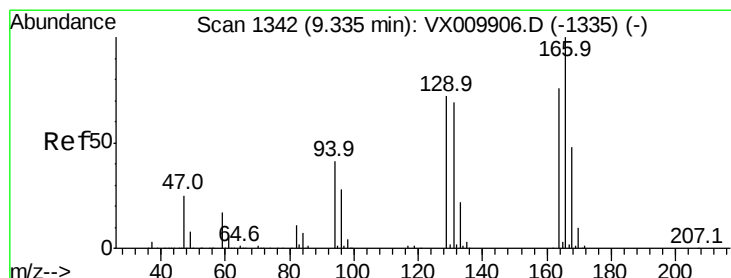
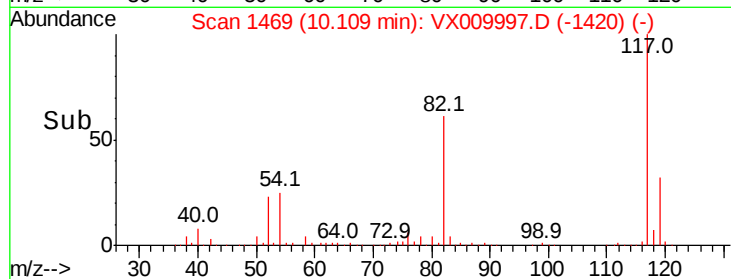
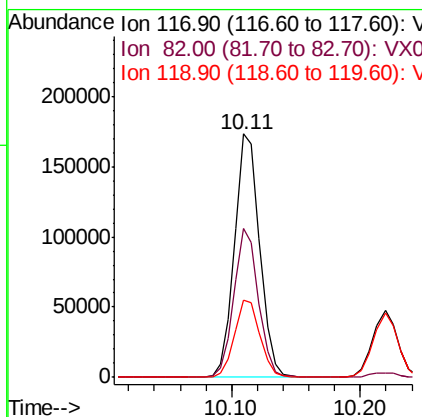
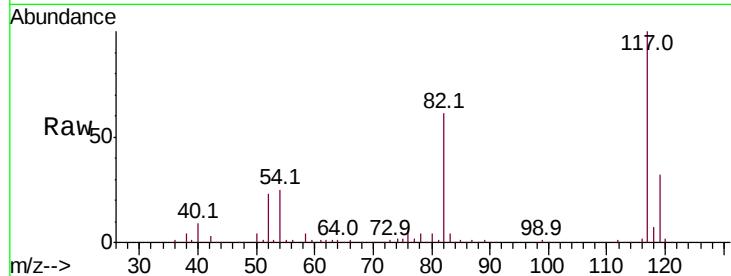
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	49.2	73.8
119	31.8	25.2	37.8

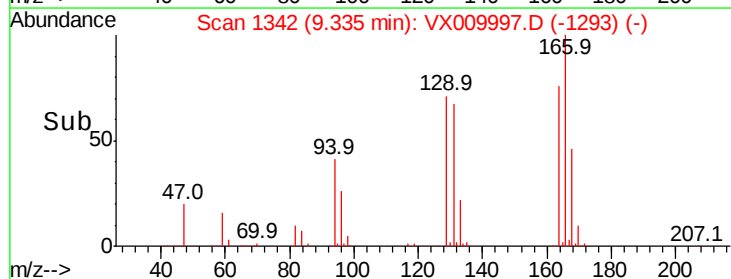
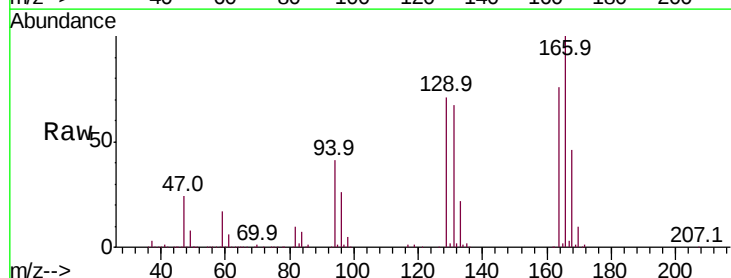
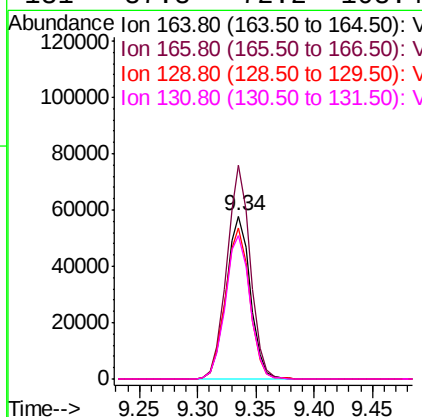
Manual Integrations
APPROVED

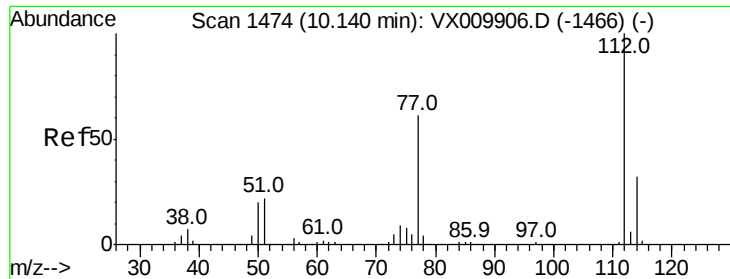
MMDadoda
6/3/2019 9:47:45 AM



#64
Tetrachloroethene
Concen: 50.146 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	105.0	157.4
129	92.9	75.1	112.7
131	87.8	72.2	108.4





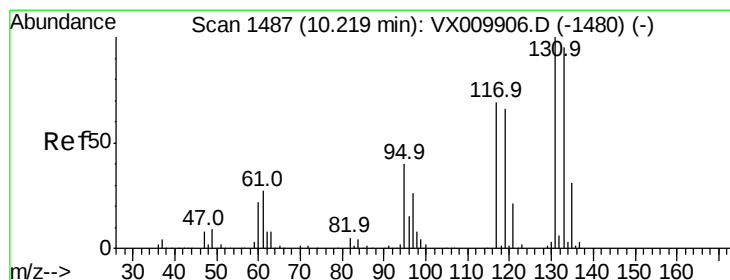
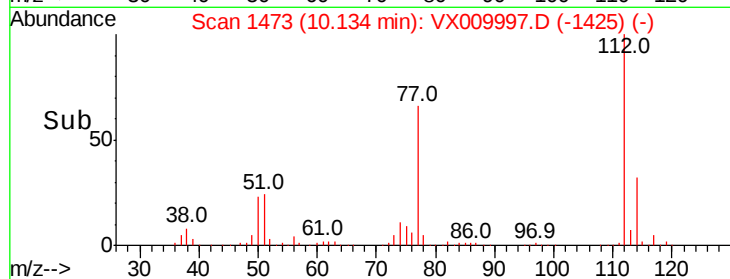
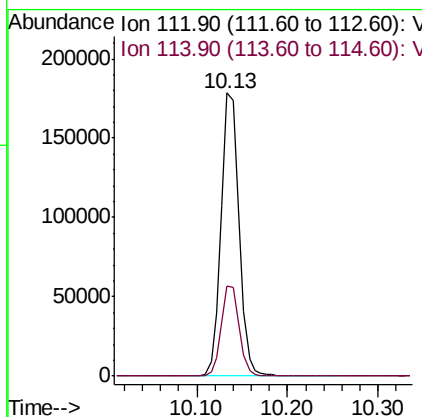
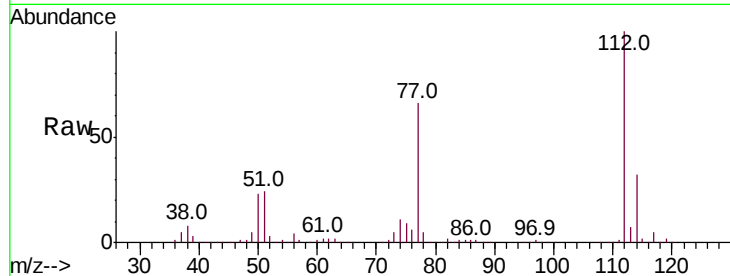
#65
Chlorobenzene
Concen: 49.929 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 247887
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

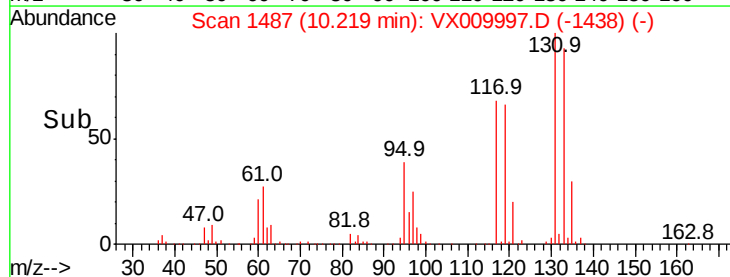
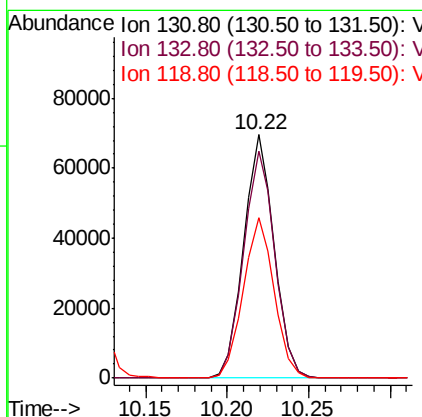
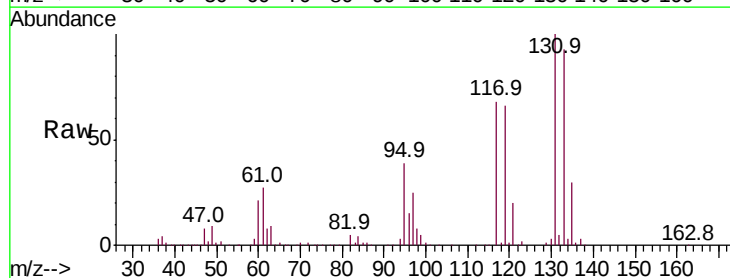
Manual Integrations
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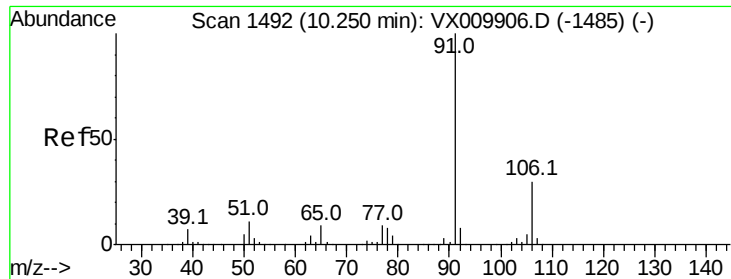
MMDadoda
6/3/2019 9:47:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.623 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion:131 Resp: 90617
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 67.1 33.4 100.1





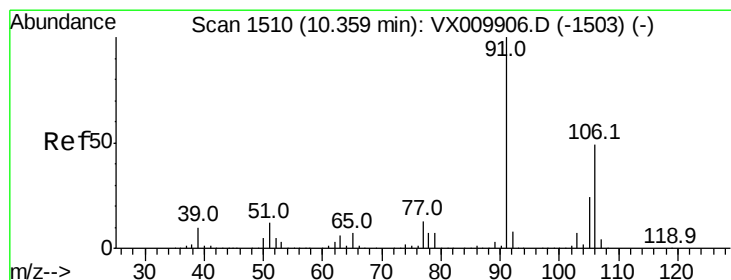
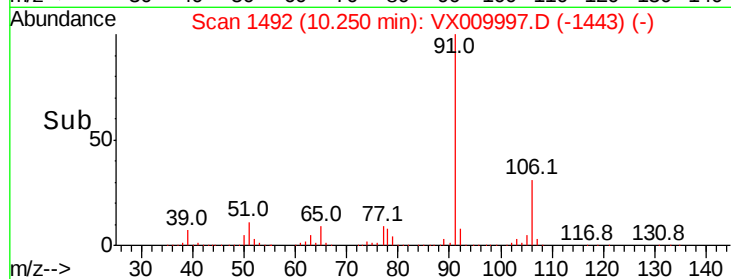
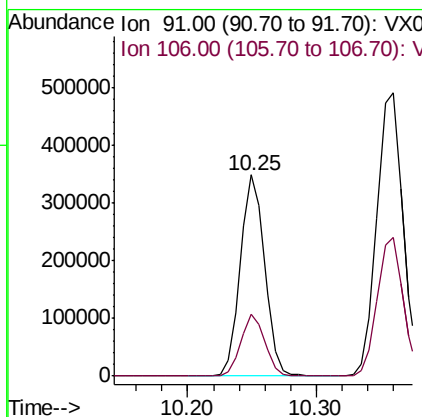
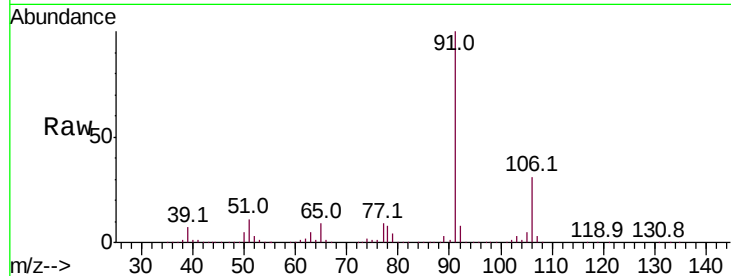
#67
Ethyl Benzene
Concen: 51.412 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 458308
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9

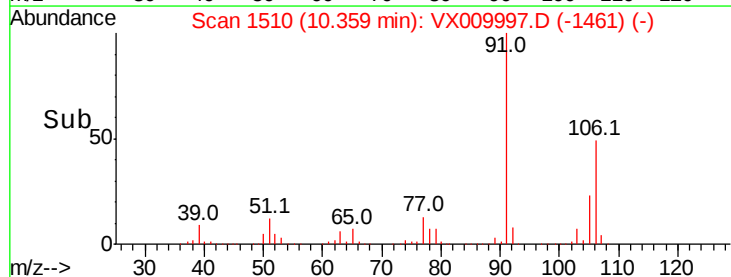
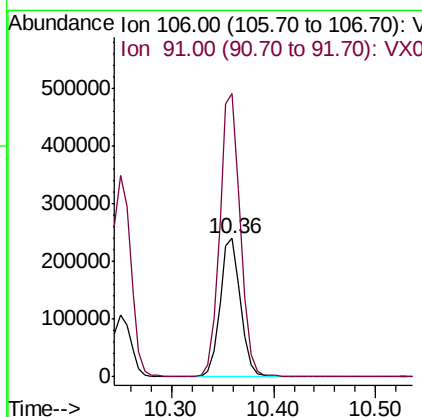
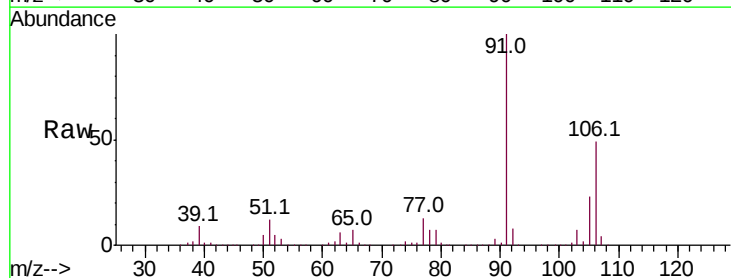
Manual Integrations
APPROVED

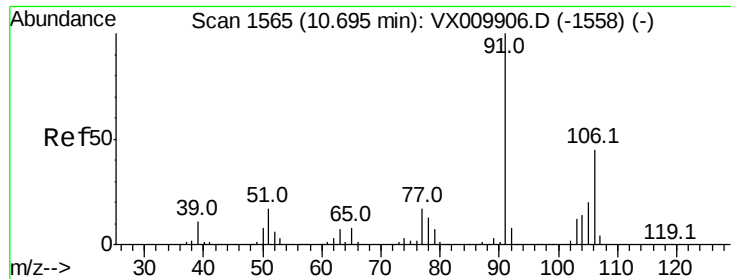
MMDadoda
6/3/2019 9:47:45 AM



#68
m/p-Xylenes
Concen: 101.579 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion: 106 Resp: 334530
Ion Ratio Lower Upper
106 100
91 206.9 167.3 250.9





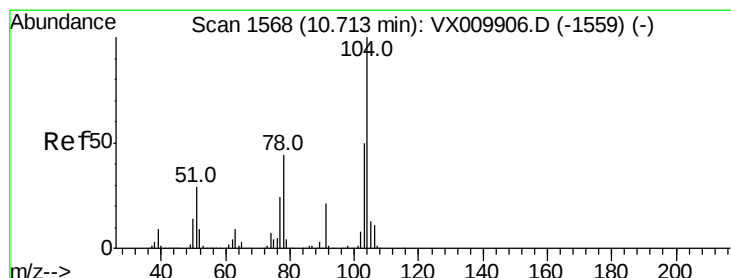
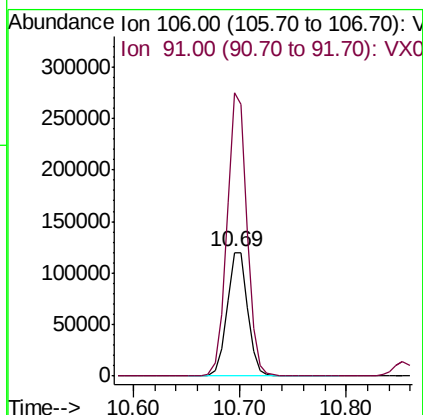
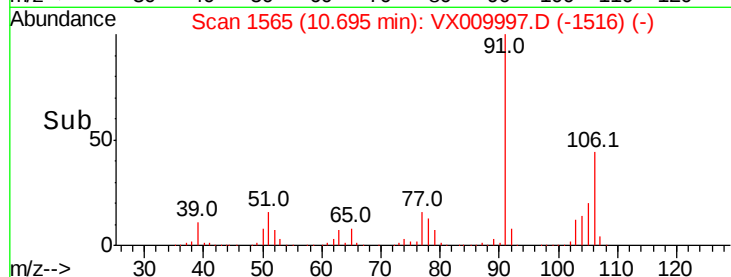
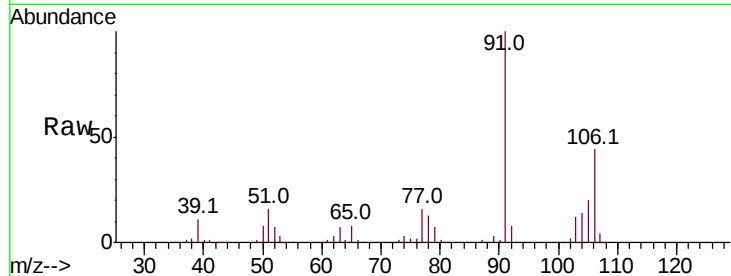
#69
o-Xylene
Concen: 51.624 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.8	110.4	331.2

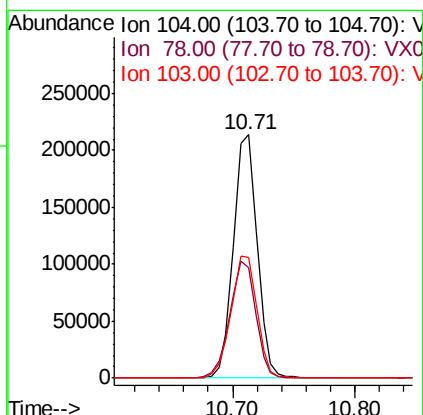
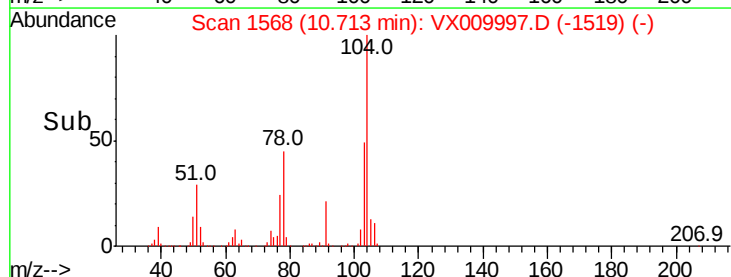
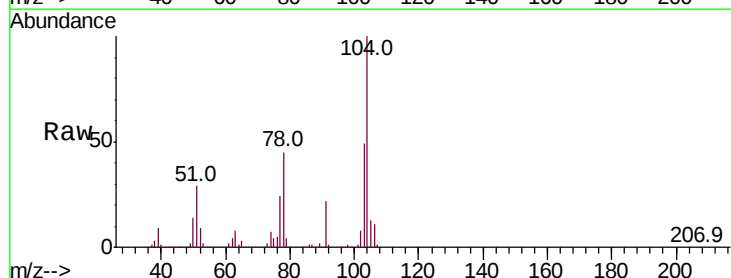
Manual Integrations
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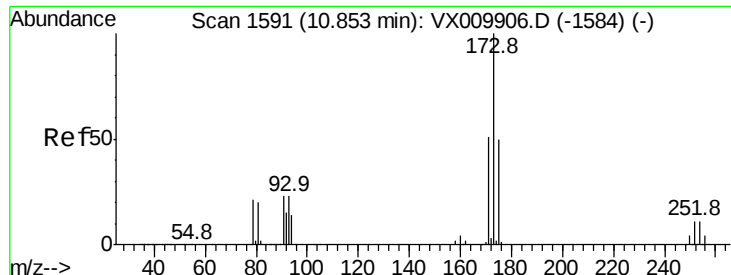
MMDadoda
6/3/2019 9:47:45 AM



#70
Styrene
Concen: 51.697 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	42.1	63.1
103	55.2	44.1	66.1





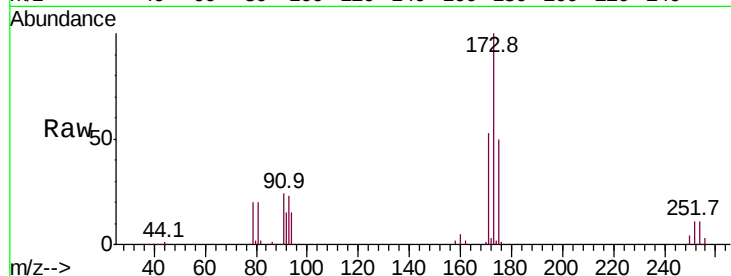
#71
Bromoform
Concen: 54.393 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	25.0	75.0
254	0.1	0.2	0.2

Manual Integrations
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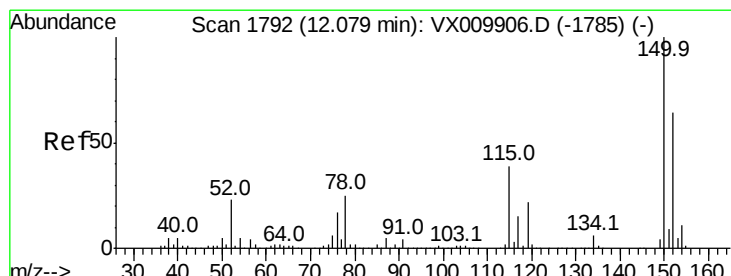
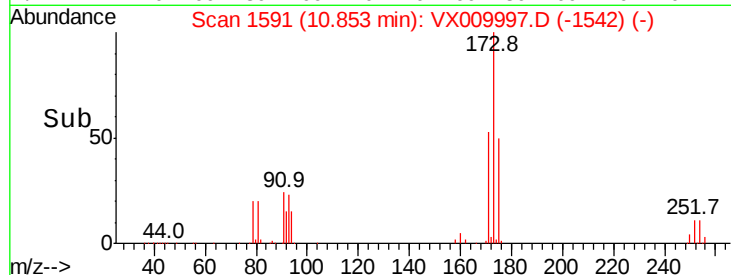
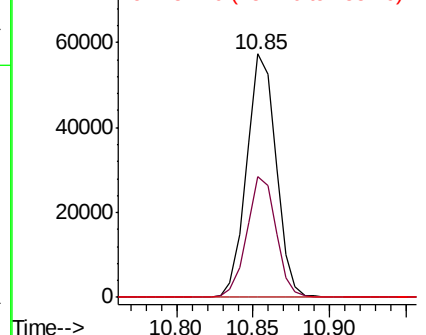


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

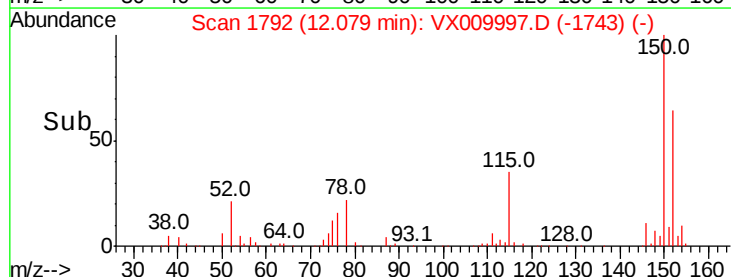
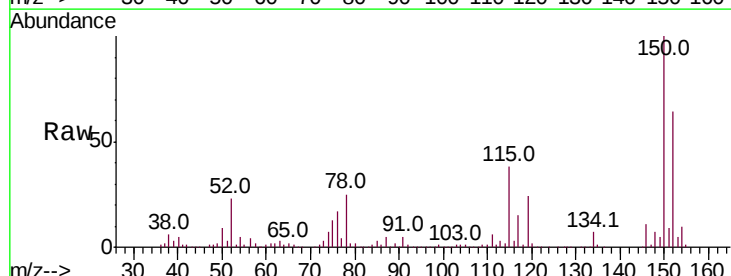
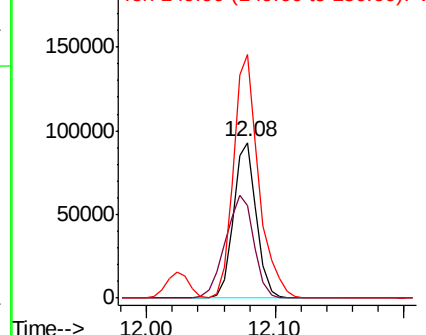
Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.7	41.4	124.2
150	173.6	0.0	345.2

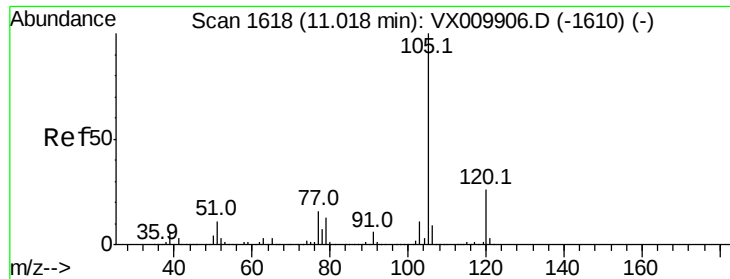
Abundance

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: 51.768 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 436756

Ion Ratio Lower Upper

105 100

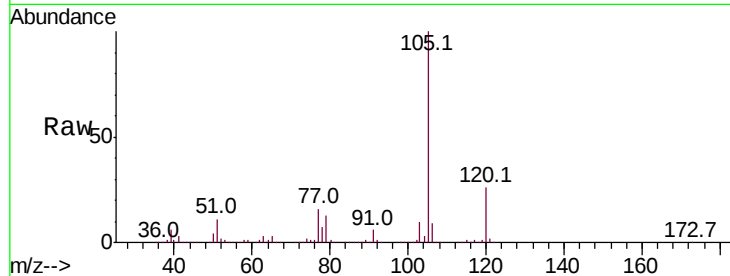
120 25.7 12.8 38.4

Manual Integrations

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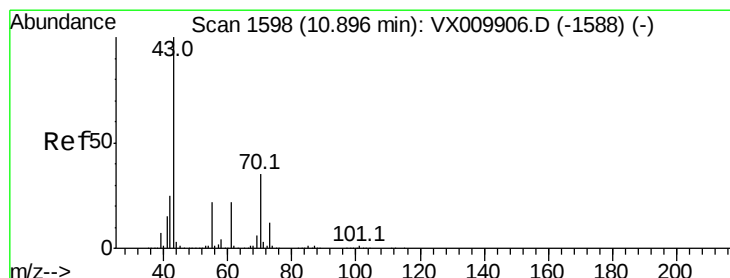
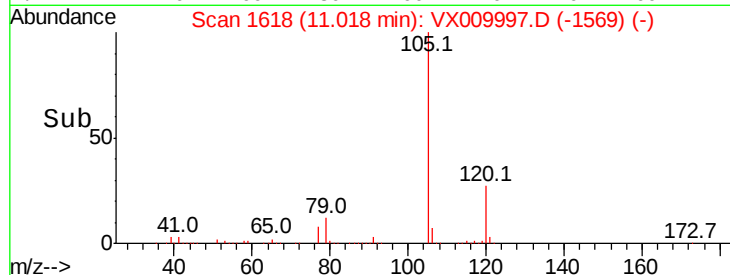
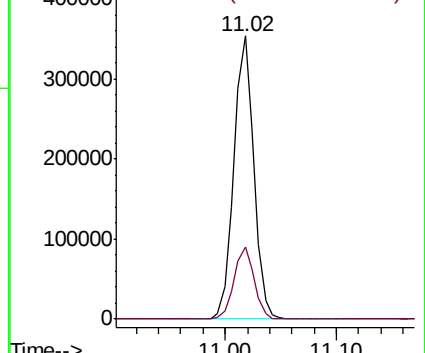
MMDadoda

6/3/2019 9:47:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.689 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion: 43 Resp: 265632

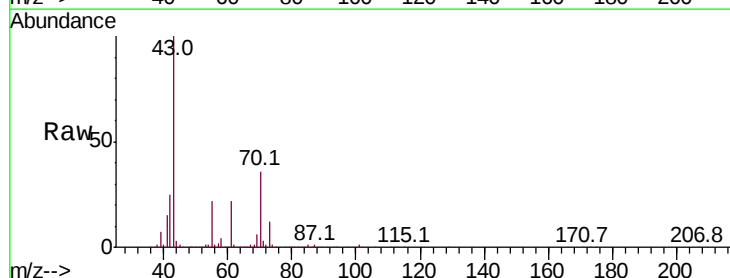
Ion Ratio Lower Upper

43 100

70 35.7 28.6 43.0

55 21.8 17.8 26.8

61 21.8 17.7 26.5

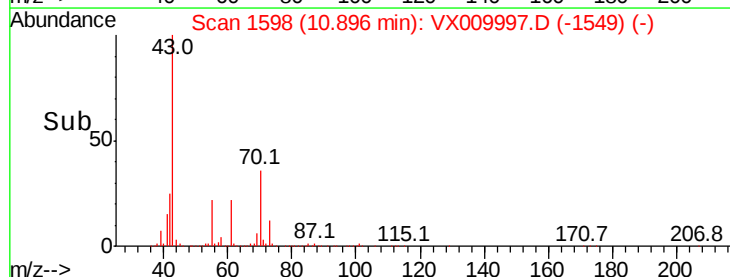
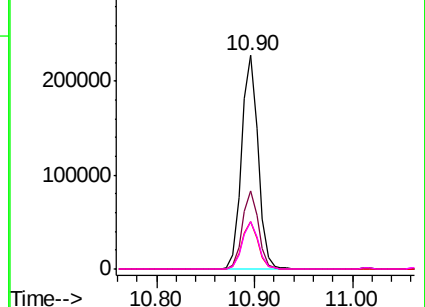


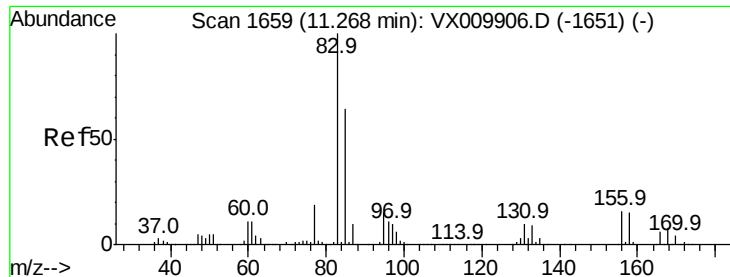
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.378 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

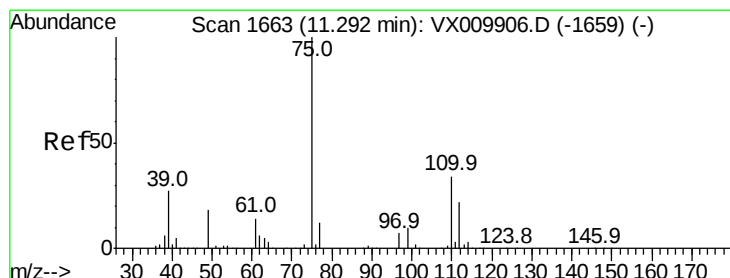
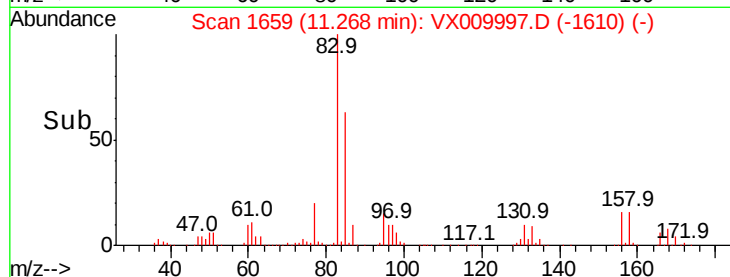
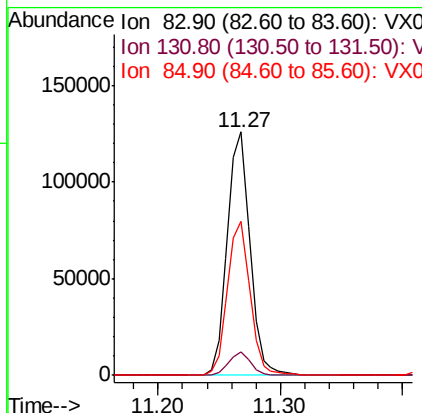
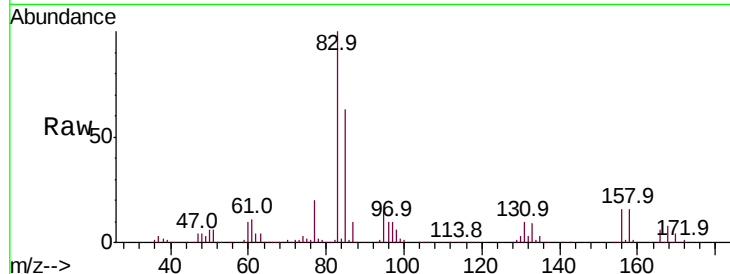
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	161714
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.7	14.1
85	63.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 52.051 ug/l m

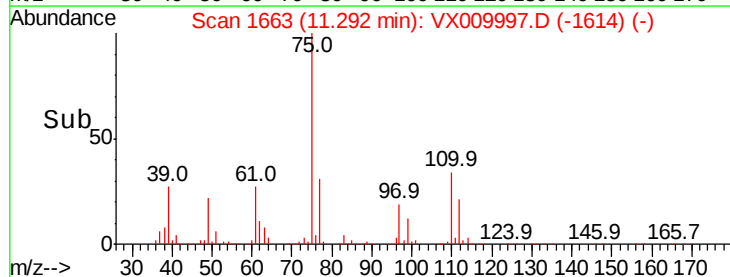
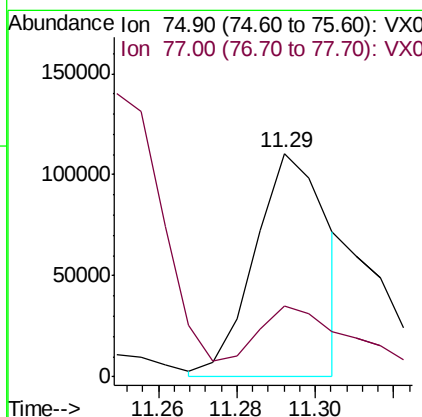
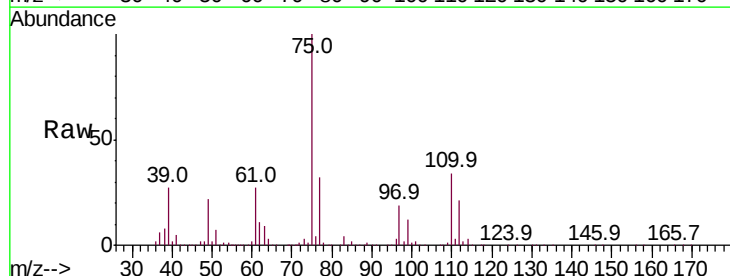
RT: 11.29 min Scan# 1663

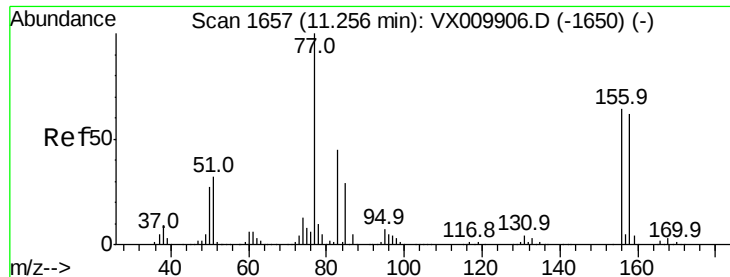
Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion:	75	Resp:	142330
Ion Ratio	Lower	Upper	
75	100		
77	43.7	22.1	66.1





#77

Bromobenzene

Concen: 50.050 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

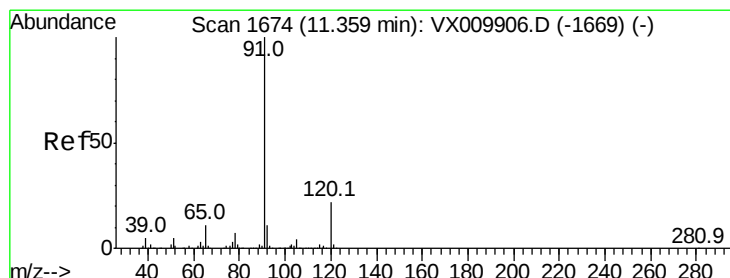
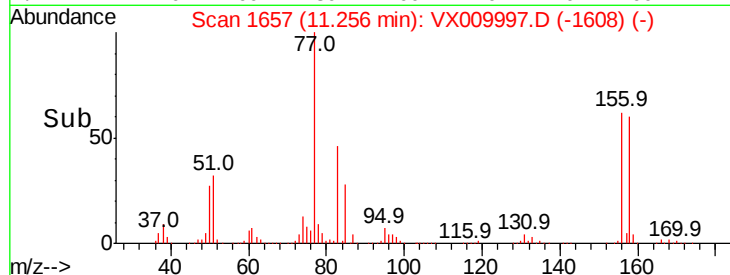
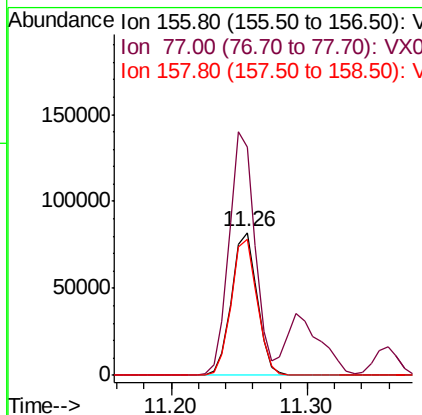
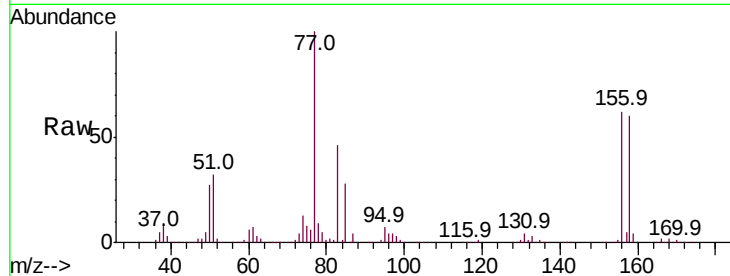
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	107611
Ion Ratio	Lower	Upper	
156	100		
77	171.7	86.8	260.3
158	96.6	49.6	148.8

Manual Integrations
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#78

n-propylbenzene

Concen: 51.965 ug/l

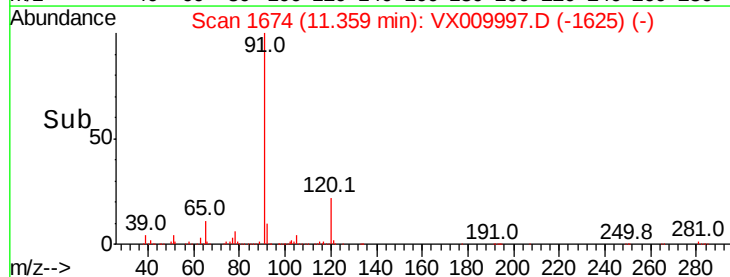
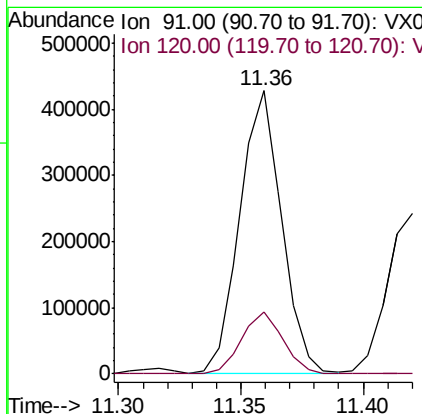
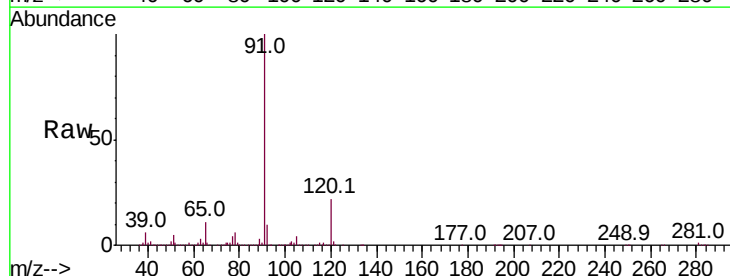
RT: 11.36 min Scan# 1674

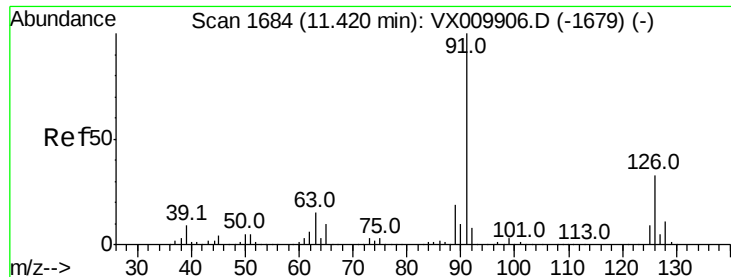
Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Tgt Ion:	91	Resp:	505352
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.1	33.3





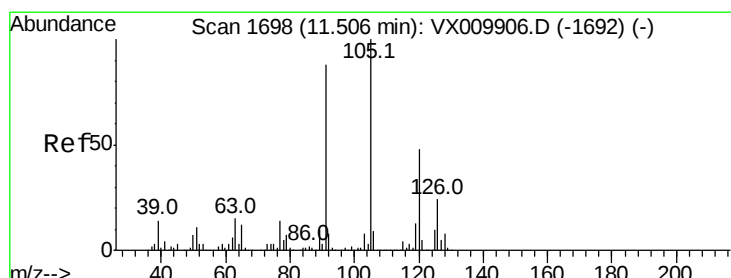
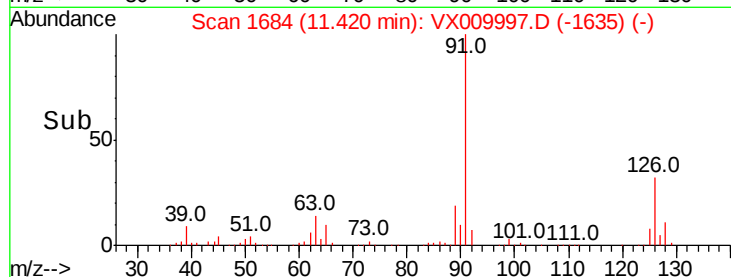
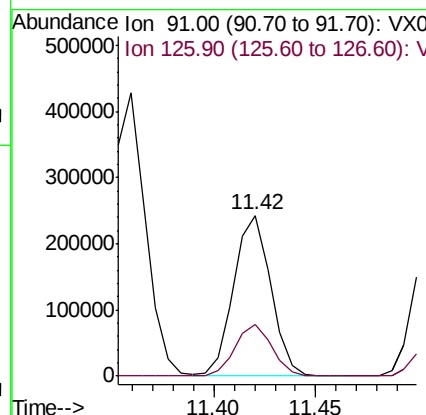
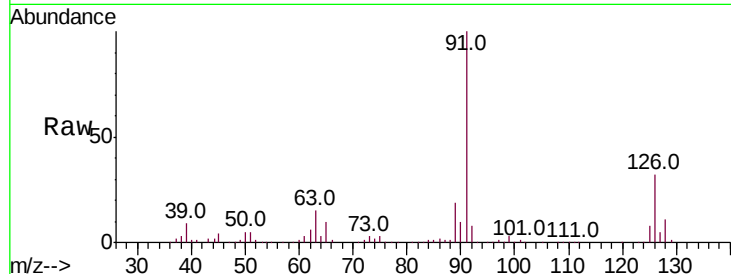
#79
2-Chlorotoluene
Concen: 51.257 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 304546
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3

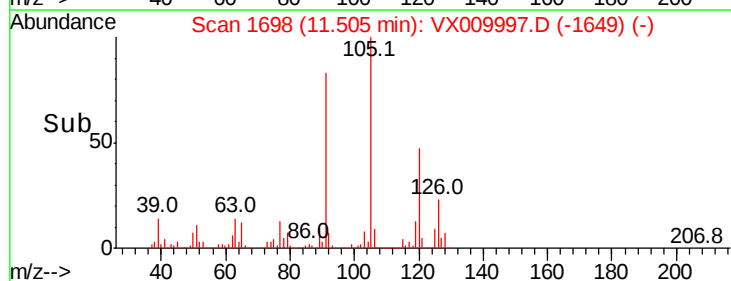
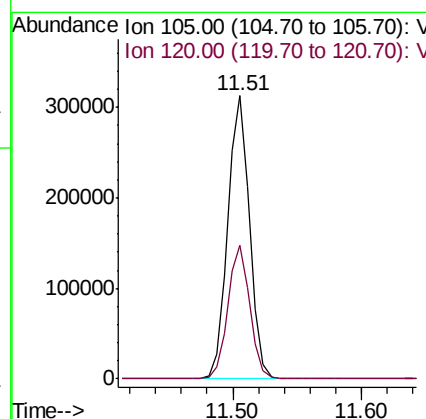
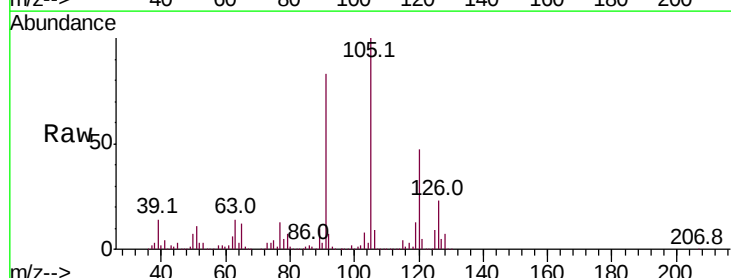
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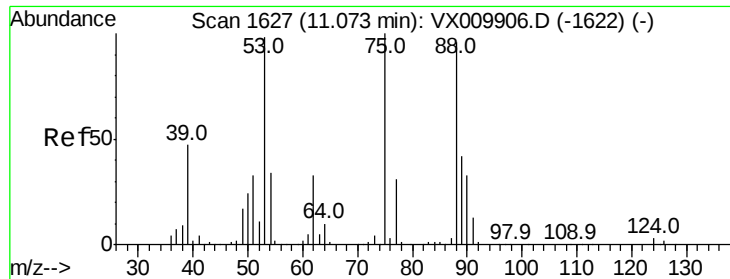
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 52.471 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion:105 Resp: 372951
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





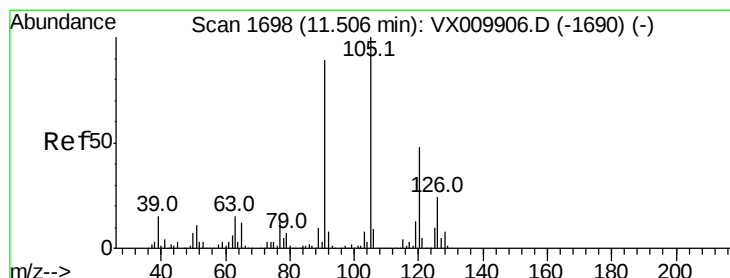
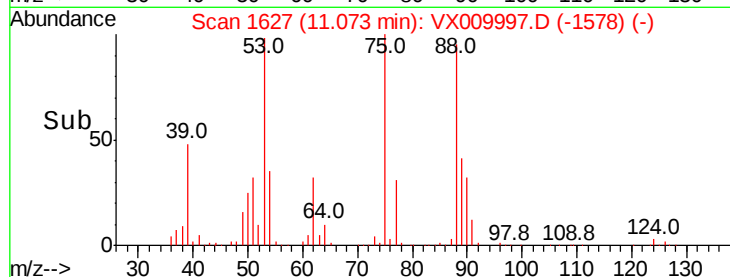
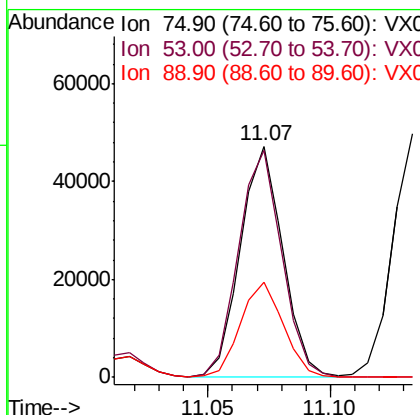
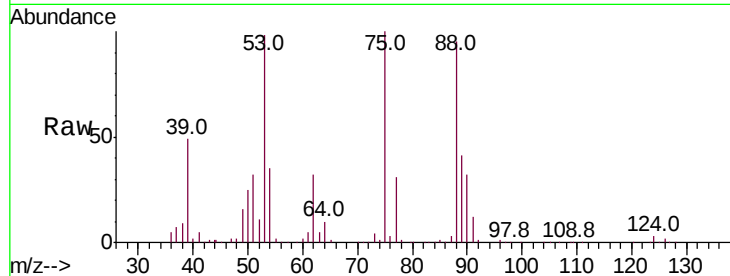
#81
trans-1,4-Dichloro-2-butene
Concen: 51.159 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.2	79.8	119.6
89	41.8	34.2	51.4

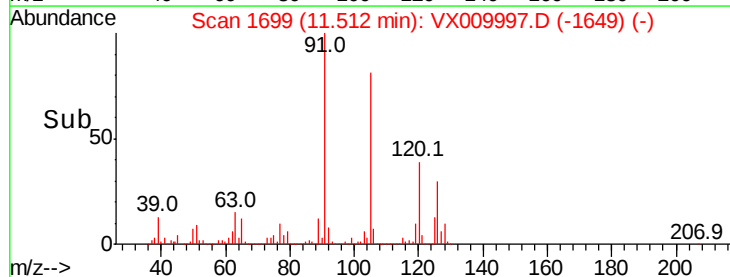
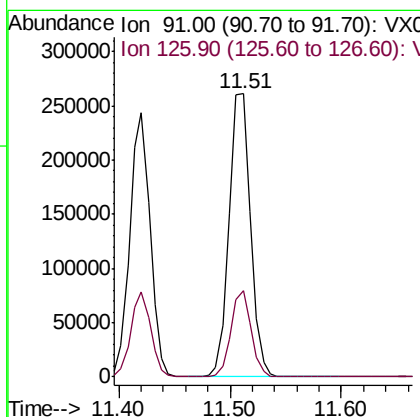
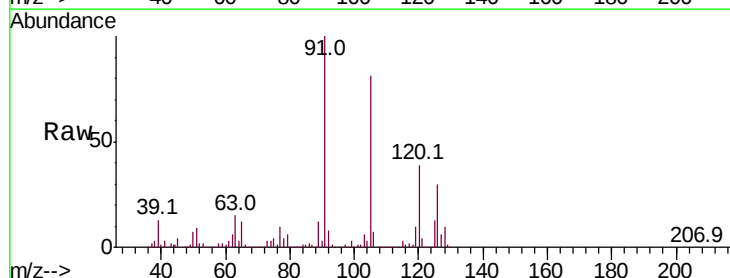
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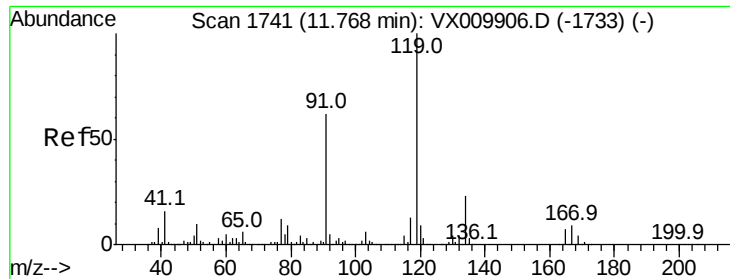
MMDadoda
6/3/2019 9:47:45 AM



#82
4-Chlorotoluene
Concen: 50.432 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6





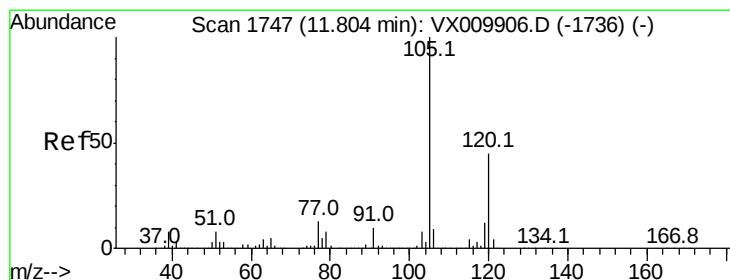
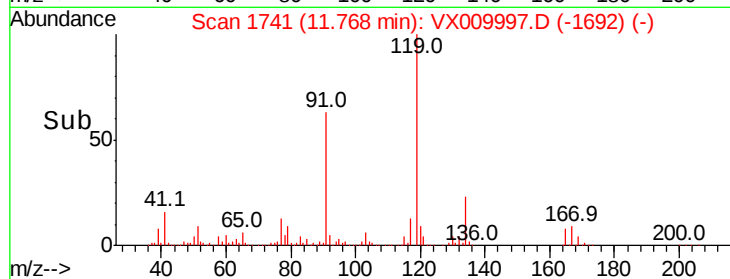
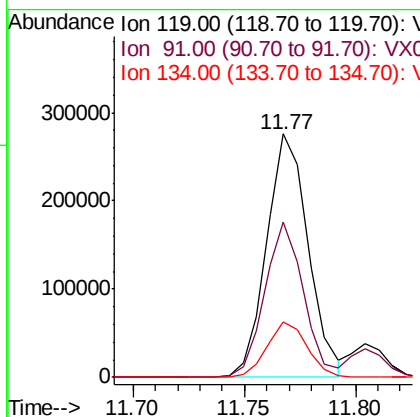
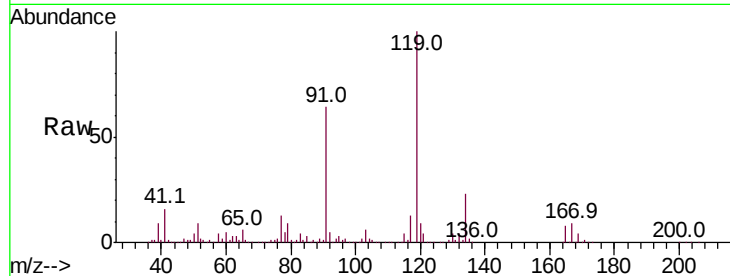
#83
tert-Butylbenzene
Concen: 52.575 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	357514		
91	59.5	30.0	90.0	
134	22.0	11.2	33.5	

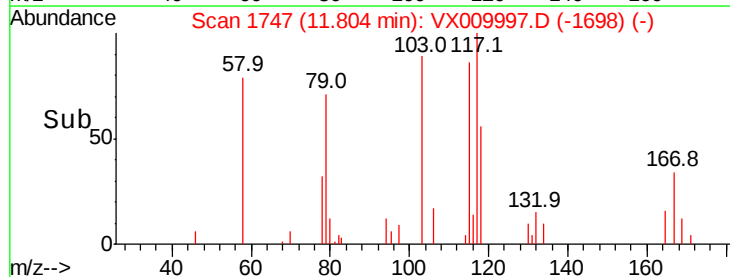
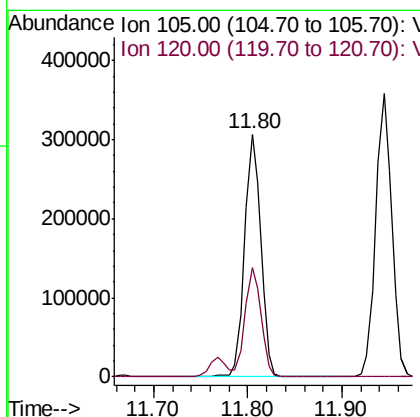
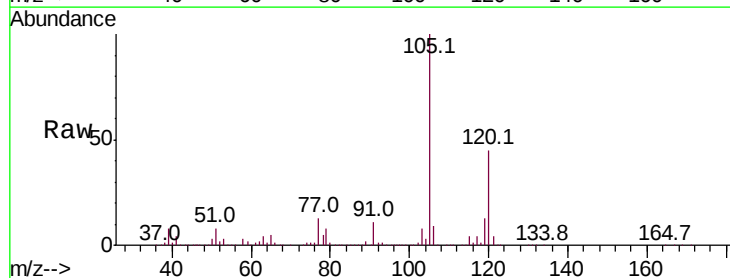
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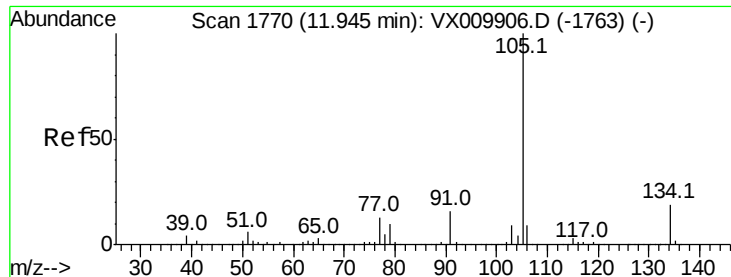
MMDadoda
6/3/2019 9:47:45 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.303 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	370318		
120	43.9	22.1	66.1	





#85

sec-Butylbenzene

Concen: 52.524 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 424909

Ion Ratio Lower Upper

105 100

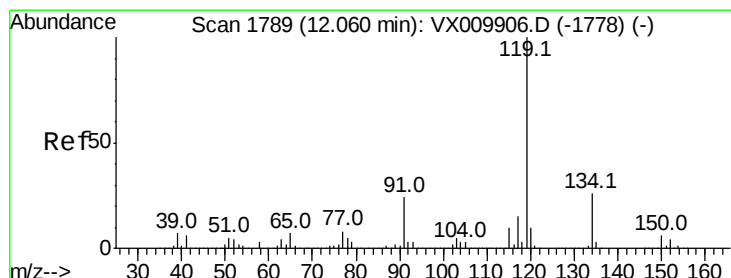
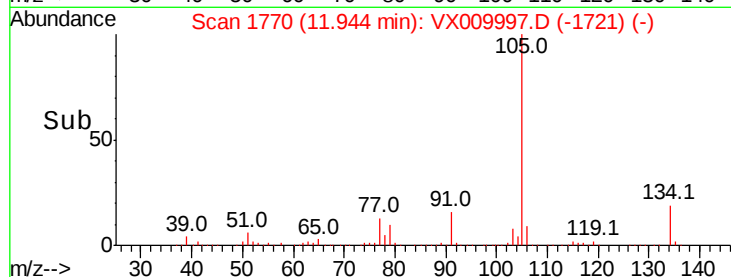
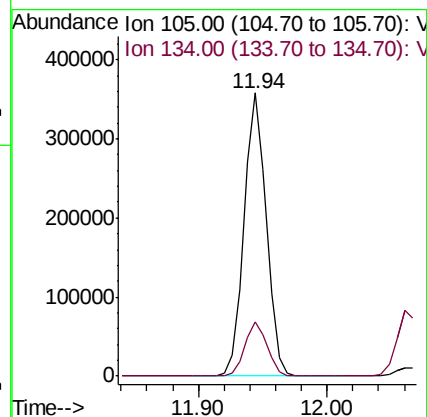
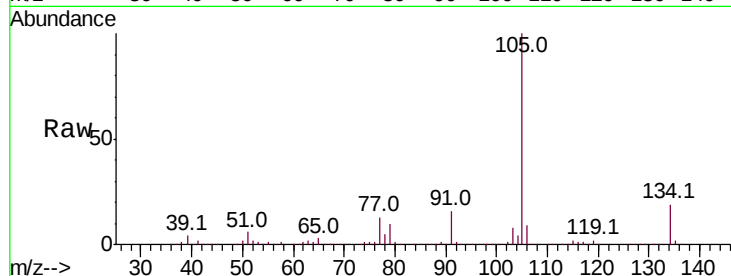
134 19.3 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.053 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009997.D

Acq: 31 May 2019 19:54

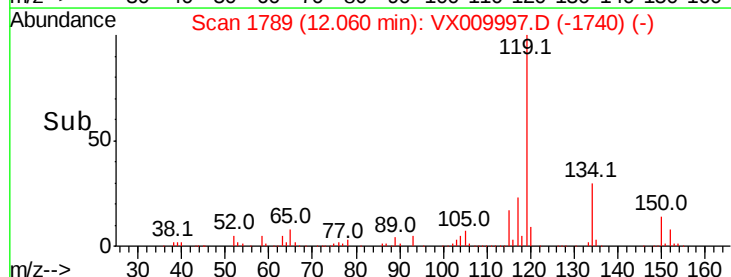
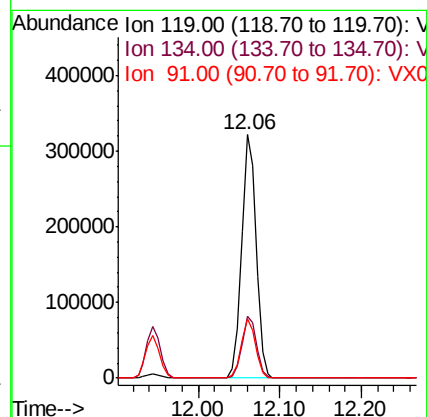
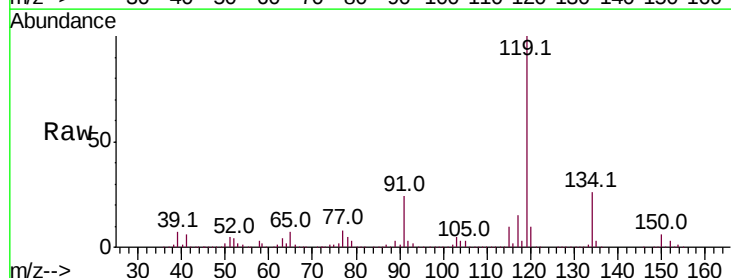
Tgt Ion:119 Resp: 386044

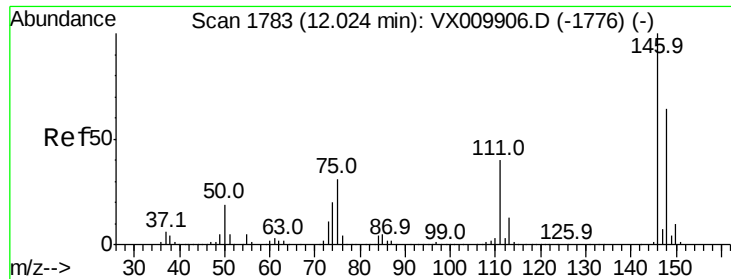
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 23.9 11.9 35.9





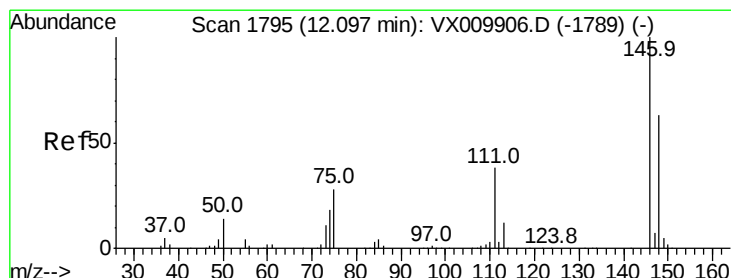
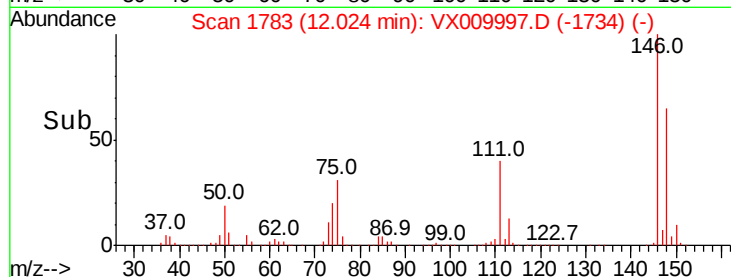
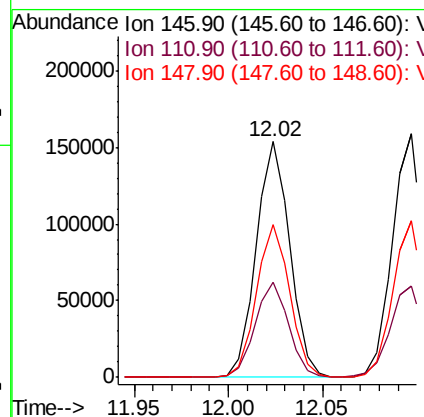
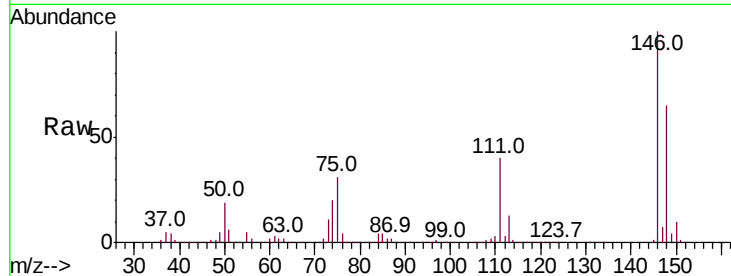
#87
 1,3-Dichlorobenzene
 Concen: 49.496 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.1	60.2
148	64.1	31.9	95.5

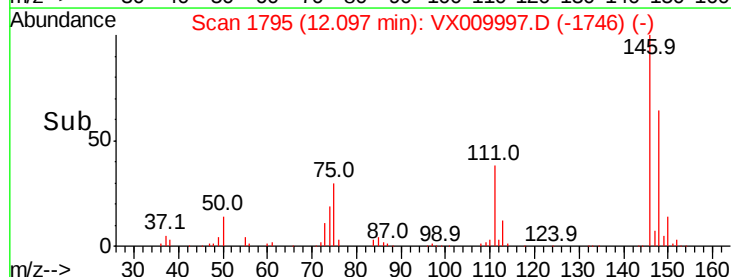
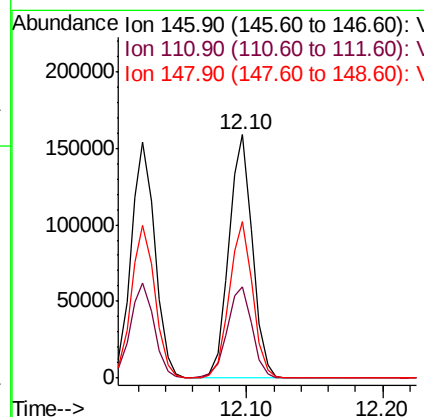
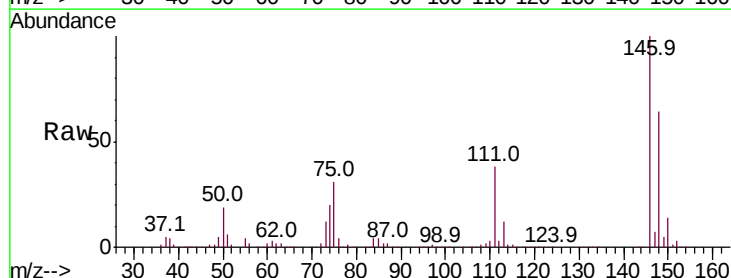
Manual Integrations
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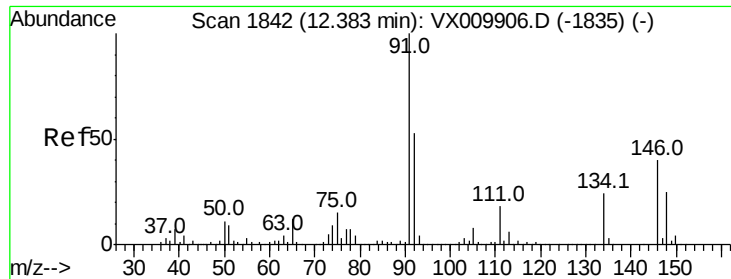
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 6/3/2019 9:47:45 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.518 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	63.7	32.3	96.9





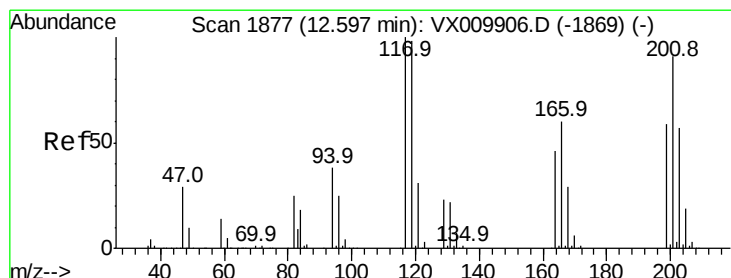
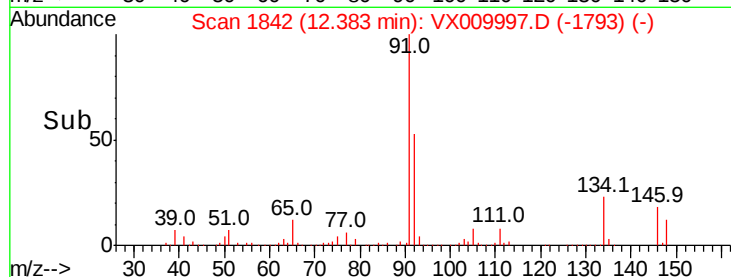
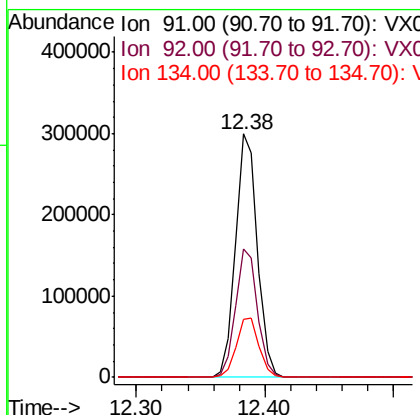
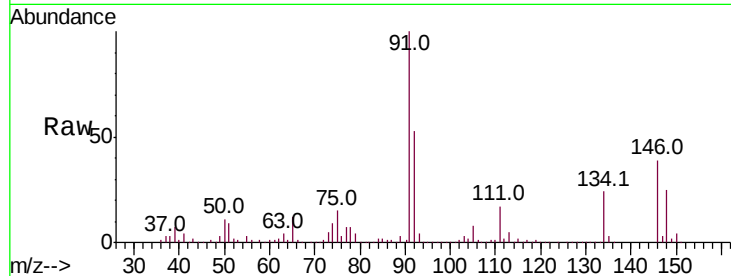
#89
n-Butylbenzene
Concen: 51.788 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.8
134	24.9	12.3	36.8

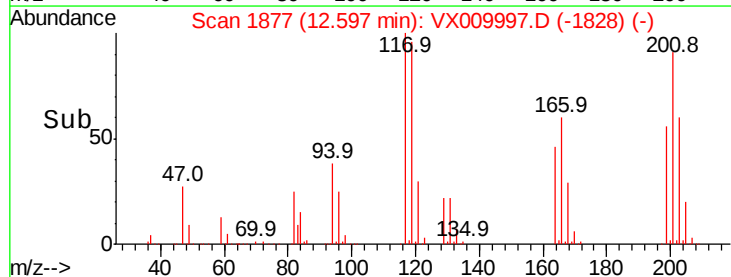
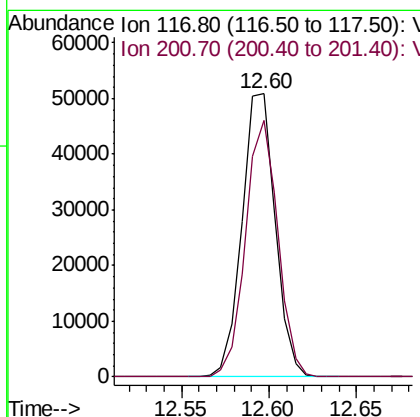
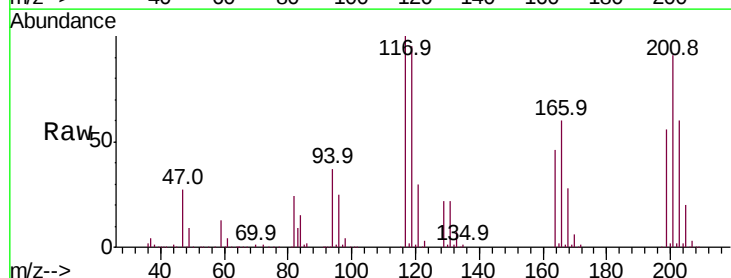
Manual Integrations
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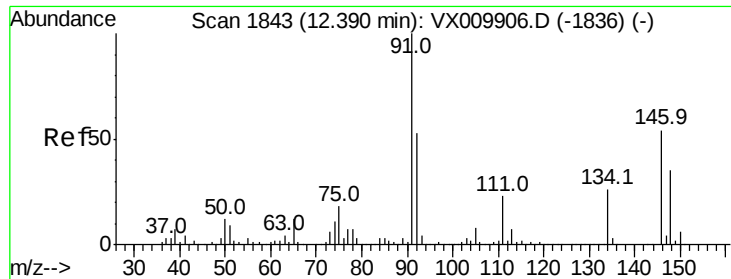
MMDadoda
6/3/2019 9:47:45 AM



#90
Hexachloroethane
Concen: 53.944 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.8	43.6	130.9





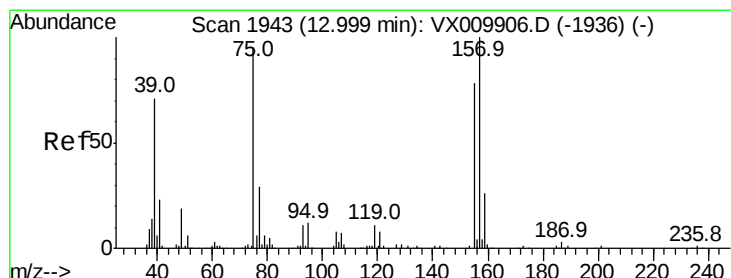
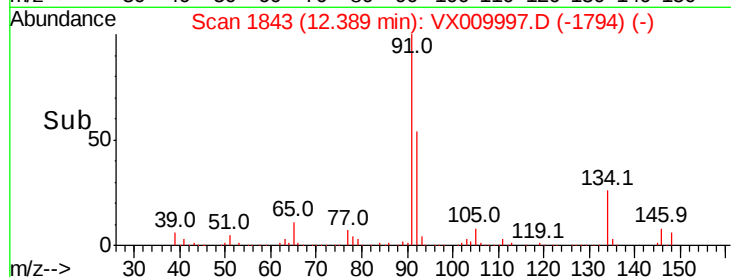
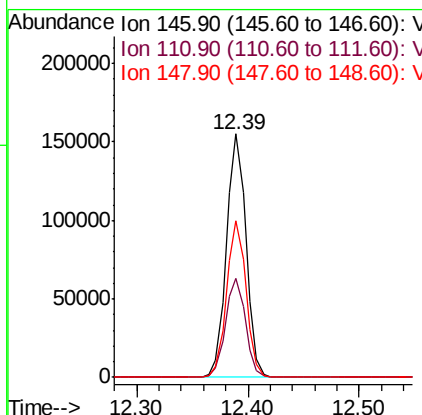
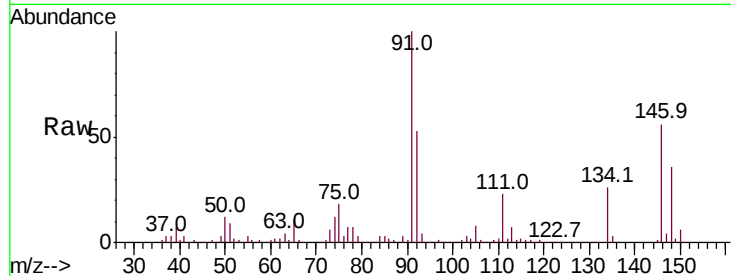
#91
 1,2-Dichlorobenzene
 Concen: 49.916 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	188382		
111	41.2	21.1	63.1	
148	63.8	32.3	96.8	

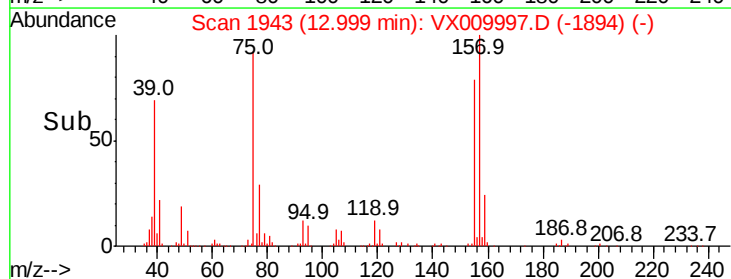
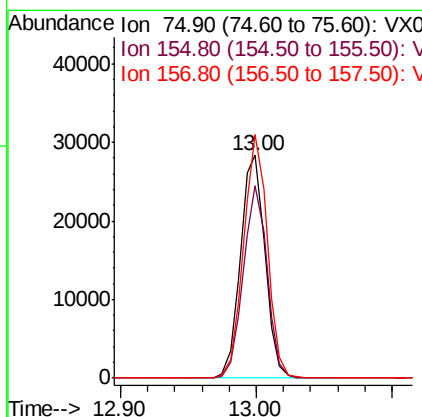
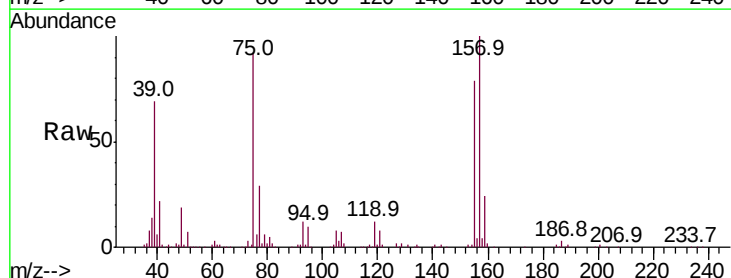
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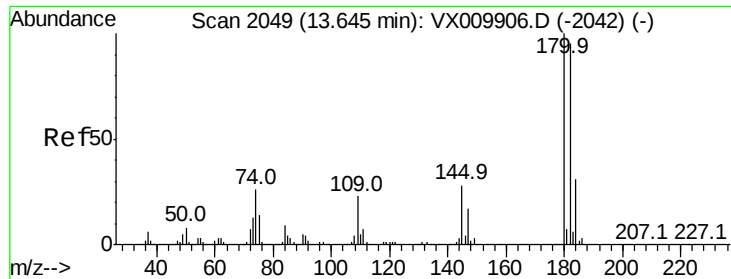
MMDadoda
 6/3/2019 9:47:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.029 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35584		
155	83.9	39.3	117.8	
157	106.3	50.6	151.8	





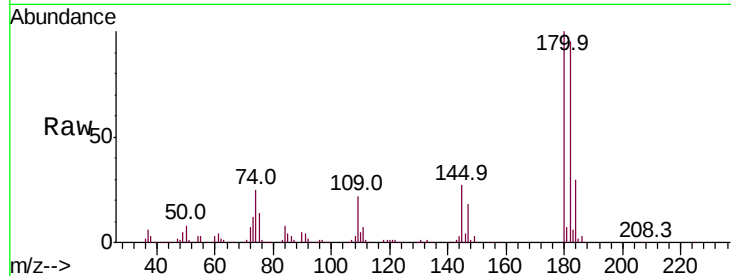
#93
 1,2,4-Trichlorobenzene
 Concen: 50.854 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

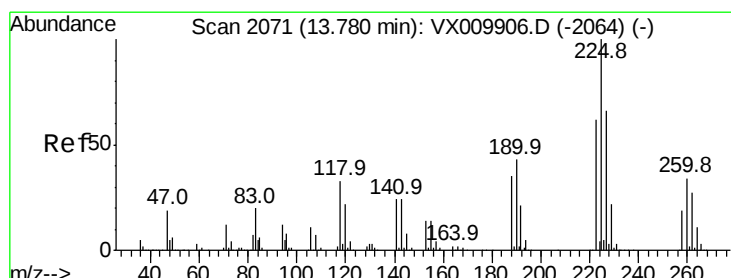
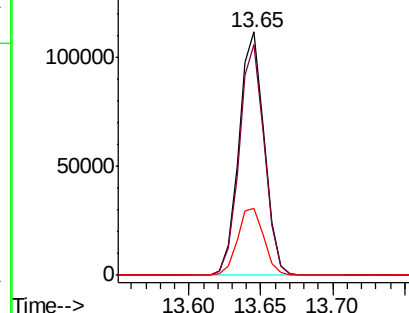
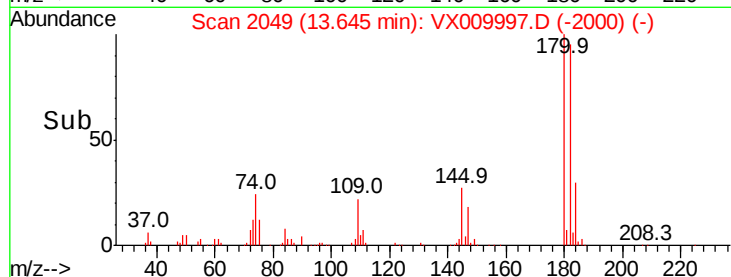
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	47.4	142.2	
145	28.8	14.5	43.5	

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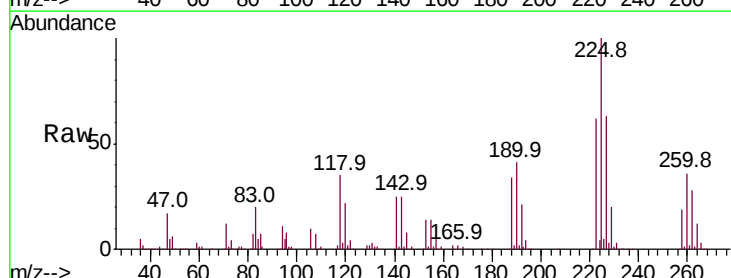


Abundance Ion 179.80 (179.50 to 180.50): V
 150000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

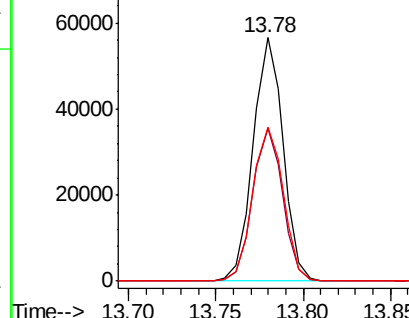
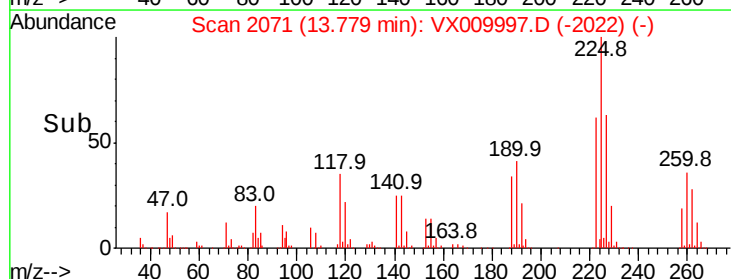


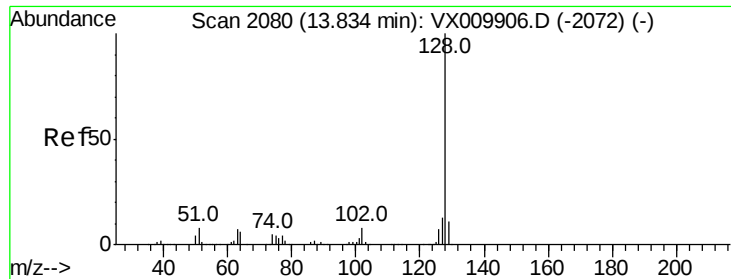
#94
 Hexachlorobutadiene
 Concen: 50.162 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009997.D
 Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	31.3	93.8	
227	64.7	32.3	96.8	



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





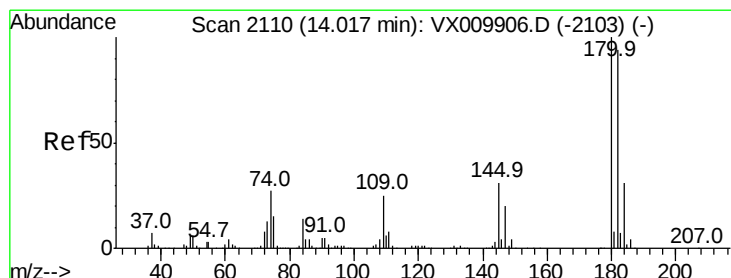
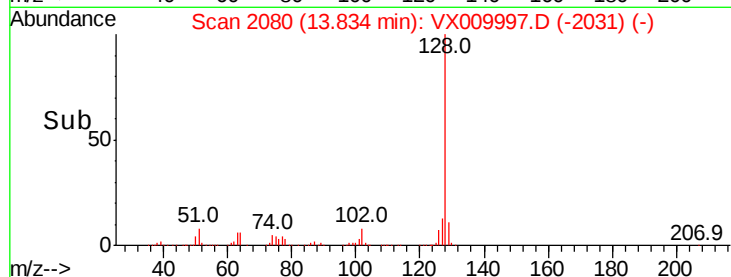
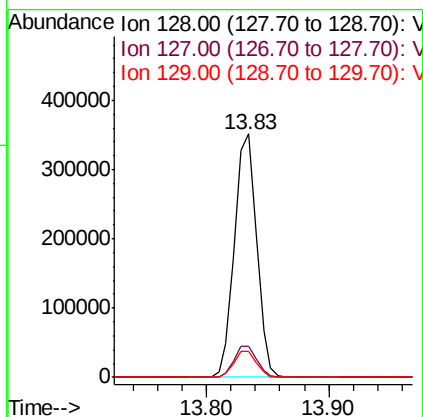
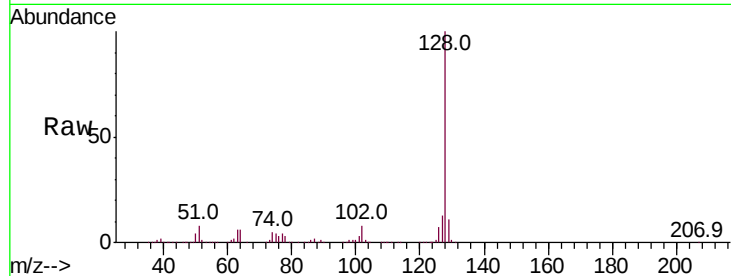
#95
Naphthalene
Concen: 52.277 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	438751		
127	13.2		10.6	16.0
129	11.0		8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 50.195 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009997.D
Acq: 31 May 2019 19:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	135509		
182	96.6		47.3	142.0
145	30.8		15.6	46.7

