

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041619\
 Data File : VX008975.D
 Acq On : 16 Apr 2019 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:58:39 AM

Quant Time: Apr 17 04:54:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 09:35:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	226613	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	354593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	154118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	167439	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	5.49	113	123487	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
50) Toluene-d8	8.71	98	511491	56.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.72%	
62) 4-Bromofluorobenzene	11.13	95	186112	58.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145378	55.697	ug/l	99
3) Chloromethane	1.32	50	168673	52.638	ug/l	99
4) Vinyl Chloride	1.41	62	159887	51.265	ug/l	97
5) Bromomethane	1.64	94	89483	46.139	ug/l	99
6) Chloroethane	1.71	64	92975	50.695	ug/l	97
7) Trichlorofluoromethane	1.93	101	180448	49.554	ug/l	98
8) Diethyl Ether	2.18	74	80381	48.267	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112626	48.374	ug/l	99
10) Methyl Iodide	2.51	142	127480	50.072	ug/l	100
11) Tert butyl alcohol	3.04	59	166736	235.204	ug/l	100
12) 1,1-Dichloroethene	2.37	96	111237	45.774	ug/l	96
13) Acrolein	2.29	56	124199	202.769	ug/l	99
14) Allyl chloride	2.73	41	272186	51.338	ug/l	99
15) Acrylonitrile	3.14	53	435086	241.778	ug/l	100
16) Acetone	2.44	43	405065	244.584	ug/l	98
17) Carbon Disulfide	2.57	76	357518	50.063	ug/l	100
18) Methyl Acetate	2.77	43	189865	45.935	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	430960	49.770	ug/l	99
20) Methylene Chloride	2.85	84	136564	48.218	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	125927	48.582	ug/l	96
22) Diisopropyl ether	3.85	45	520877	50.558	ug/l	98
23) Vinyl Acetate	3.81	43	2330404	257.325	ug/l	100
24) 1,1-Dichloroethane	3.69	63	254310	49.174	ug/l	99
25) 2-Butanone	4.67	43	659935	249.293	ug/l	99
26) 2,2-Dichloropropane	4.58	77	195939	50.544	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	144591	49.131	ug/l	99
28) Bromochloromethane	5.01	49	115030	53.692	ug/l	99
29) Tetrahydrofuran	5.12	42	423891	239.238	ug/l	98
30) Chloroform	5.21	83	231112	49.939	ug/l	99
31) Cyclohexane	5.57	56	260472	51.207	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	193383	50.418	ug/l	99
36) 1,1-Dichloropropene	5.79	75	185232	50.510	ug/l	99
37) Ethyl Acetate	4.82	43	243074	51.510	ug/l	100
38) Carbon Tetrachloride	5.78	117	163404	52.559	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241340	54.051	ug/l	99
40) Benzene	6.13	78	553858	51.195	ug/l	100
41) Methacrylonitrile	5.04	41	138562	51.161	ug/l	100
42) 1,2-Dichloroethane	6.19	62	192172	50.144	ug/l	100
43) Isopropyl Acetate	6.44	43	392857	51.661	ug/l	100
44) Trichloroethene	7.21	130	133443	50.341	ug/l	99
45) 1,2-Dichloropropane	7.51	63	155022	51.650	ug/l	99
46) Dibromomethane	7.66	93	88028	50.396	ug/l	100
47) Bromodichloromethane	7.89	83	179729	52.461	ug/l	99
48) Methyl methacrylate	7.76	41	197162	52.472	ug/l	99
49) 1,4-Dioxane	7.74	88	67208	955.629	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1258482	259.766	ug/l	99
52) Toluene	8.78	92	338340	52.182	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	213503	54.150	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	234406	53.095	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	133348	51.892	ug/l	99
56) Ethyl methacrylate	9.18	69	248405	53.910	ug/l	99
57) 1,3-Dichloropropane	9.37	76	236642	51.721	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	660156	266.054	ug/l	99
59) 2-Hexanone	9.49	43	971465	260.087	ug/l	100
60) Dibromochloromethane	9.58	129	133825	54.337	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137683	51.913	ug/l	98
64) Tetrachloroethene	9.33	164	126170	51.946	ug/l	97
65) Chlorobenzene	10.13	112	346612	51.362	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	124491	52.365	ug/l	99
67) Ethyl Benzene	10.25	91	654289	53.037	ug/l	99
68) m/p-Xylenes	10.35	106	474545	105.846	ug/l	99
69) o-Xylene	10.69	106	229767	52.670	ug/l	99
70) Styrene	10.71	104	403119	53.325	ug/l	99
71) Bromoform	10.85	173	99883	52.736	ug/l #	100
73) Isopropylbenzene	11.02	105	622036	53.247	ug/l	100
74) N-amyl acetate	10.90	43	346000	51.584	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	208499	48.848	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189820m	50.440	ug/l	
77) Bromobenzene	11.25	156	147660	50.098	ug/l	98
78) n-propylbenzene	11.36	91	726327	54.170	ug/l	99
79) 2-Chlorotoluene	11.42	91	422463	52.286	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	523774	53.430	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77286	52.724	ug/l	98
82) 4-Chlorotoluene	11.51	91	491681	52.397	ug/l	100
83) tert-Butylbenzene	11.77	119	494212	52.510	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	526435	52.756	ug/l	99
85) sec-Butylbenzene	11.94	105	611890	54.511	ug/l	100
86) p-Isopropyltoluene	12.06	119	554817	53.761	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	267007	51.758	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	267818	51.214	ug/l	99
89) n-Butylbenzene	12.38	91	525632	54.689	ug/l	100
90) Hexachloroethane	12.60	117	93199	54.747	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	259922	51.025	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45759	47.085	ug/l	99

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VSTDCCC050

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Apr 16 09:35:21 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	191143	51.980	ug/l	100
94) Hexachlorobutadiene	13.78	225	96806	52.783	ug/l	99
95) Naphthalene	13.83	128	585694	49.714	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	186076	51.286	ug/l	99

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

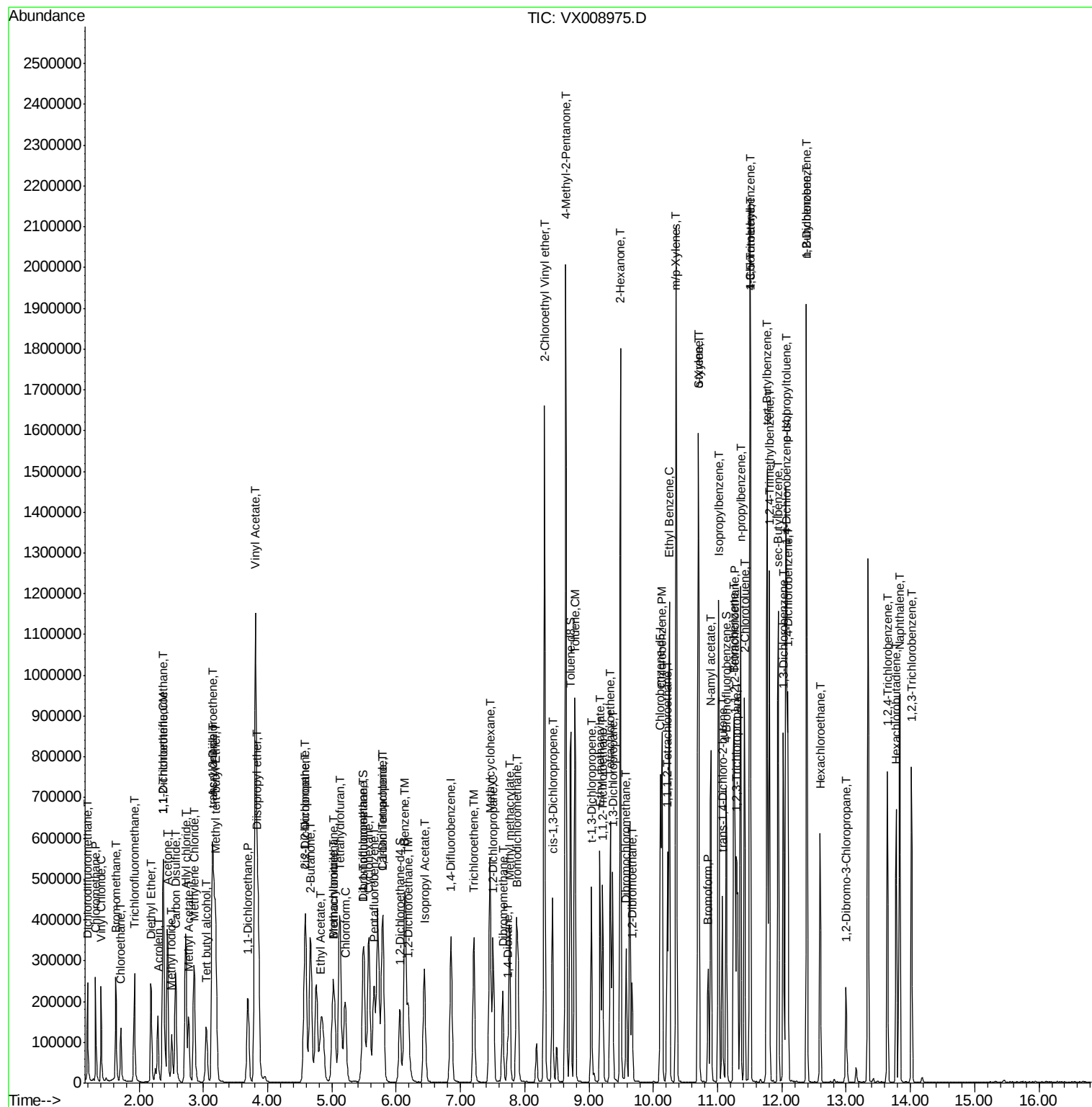
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041619\
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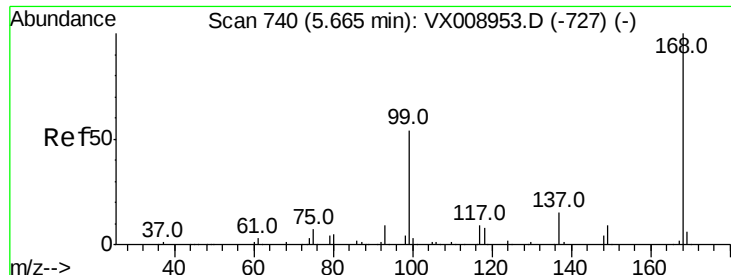
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 226613

Ion Ratio Lower Upper

168 100

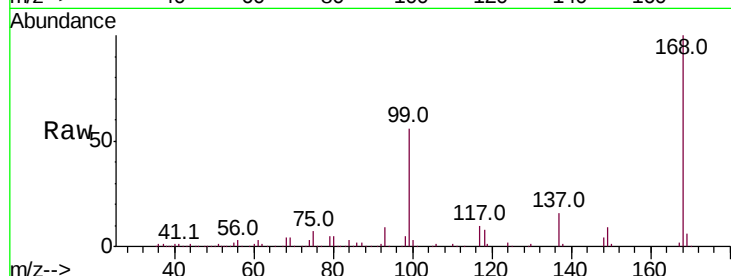
99 55.7 43.0 64.6

Manual Integrations

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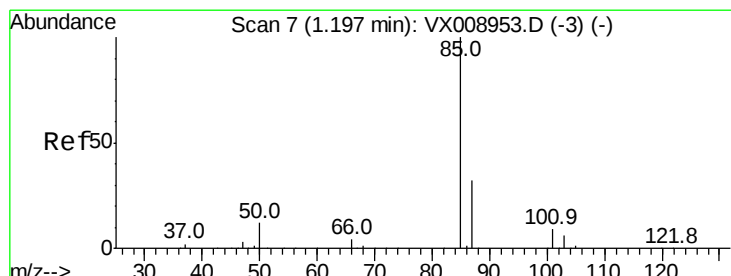
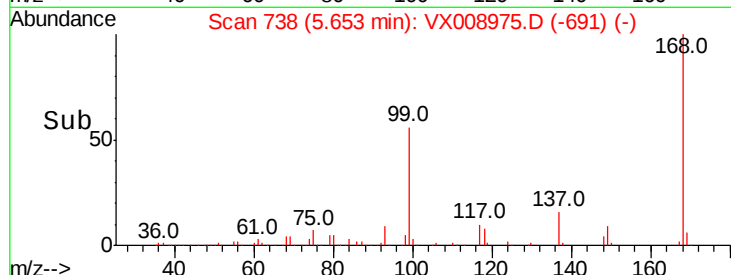
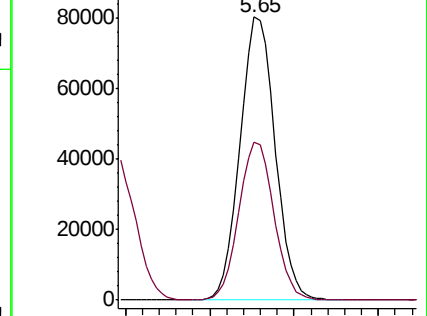
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.697 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008975.D

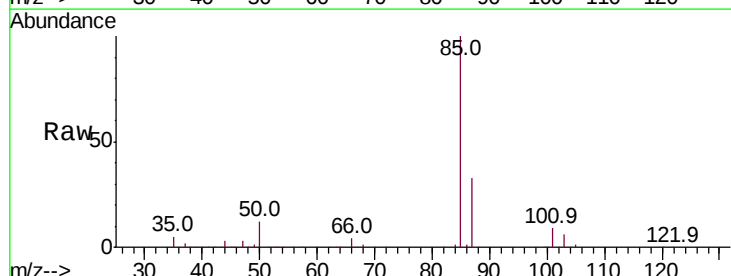
Acq: 16 Apr 2019 09:58

Tgt Ion: 85 Resp: 145378

Ion Ratio Lower Upper

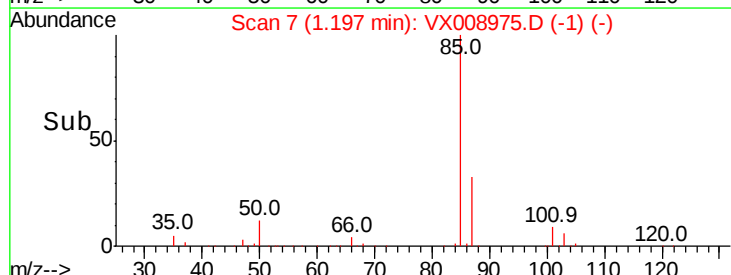
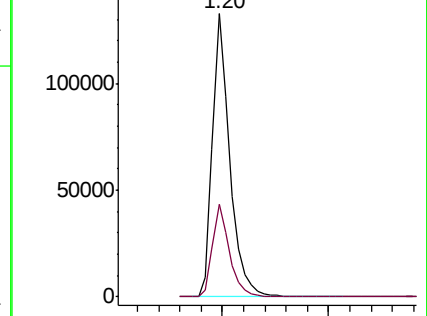
85 100

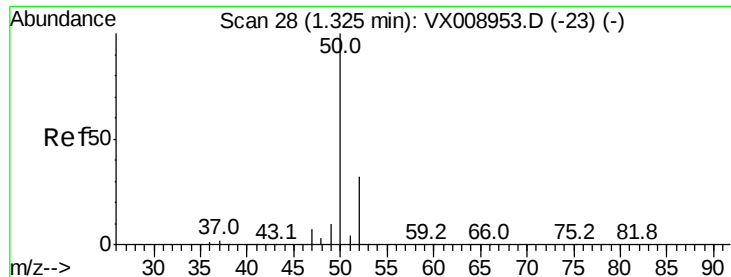
87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.638 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 168673

Ion Ratio Lower Upper

50 100

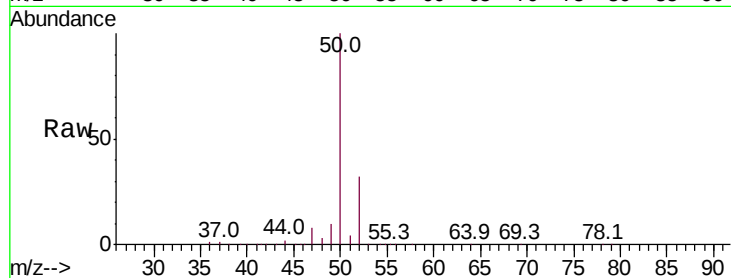
52 32.4 25.5 38.3

Manual Integrations

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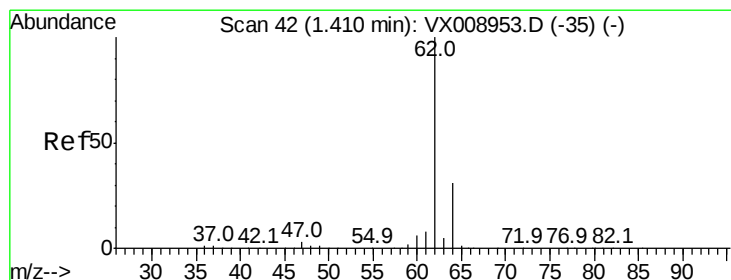
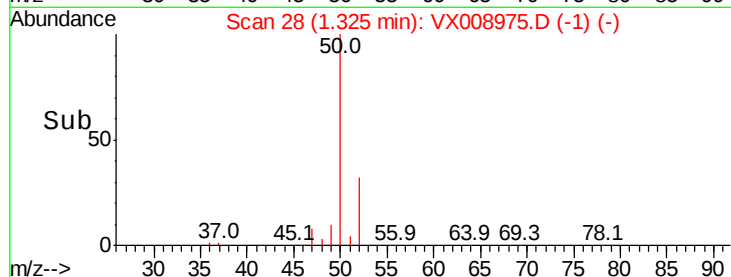
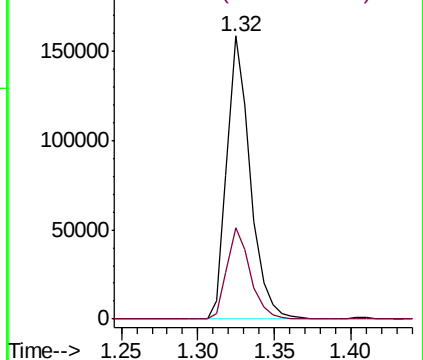
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.265 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008975.D

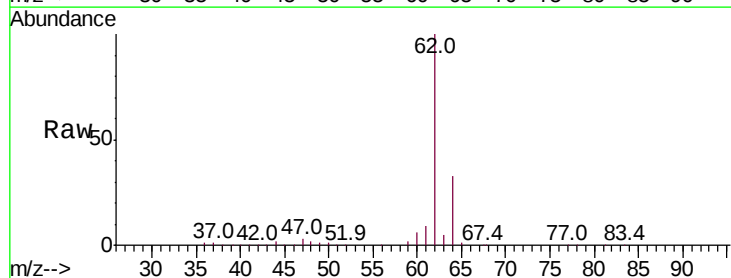
Acq: 16 Apr 2019 09:58

Tgt Ion: 62 Resp: 159887

Ion Ratio Lower Upper

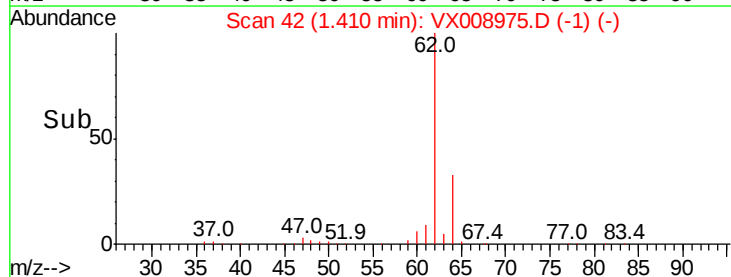
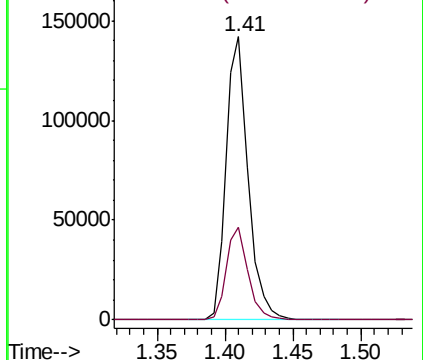
62 100

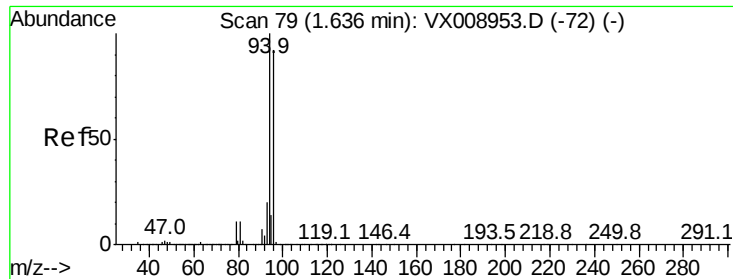
64 32.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.139 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 89483

Ion Ratio Lower Upper

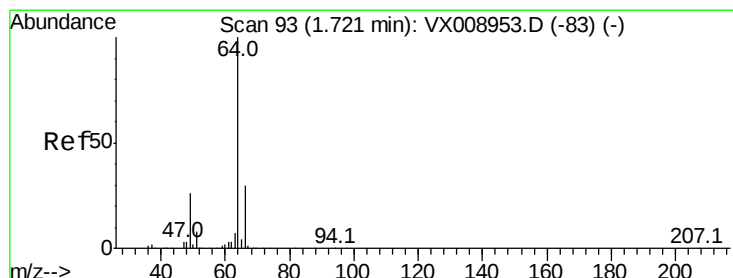
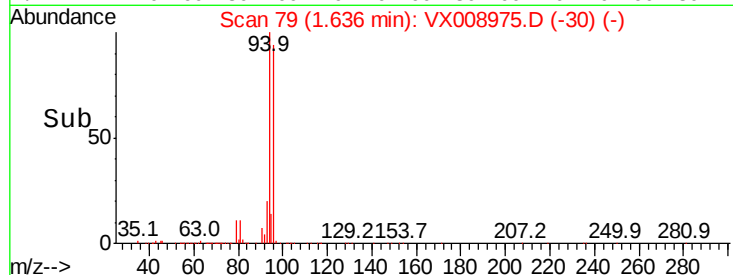
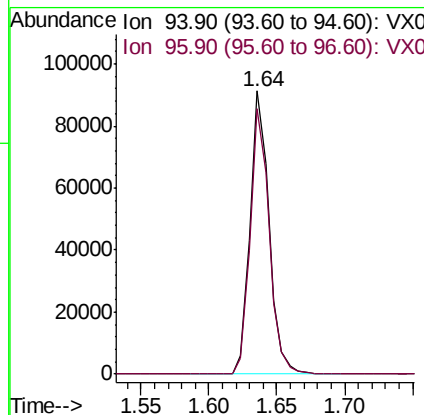
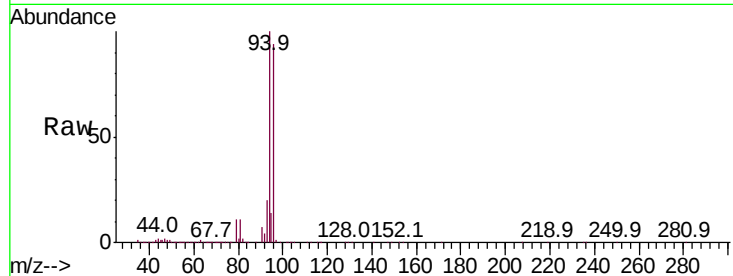
94 100

96 93.8 73.9 110.9

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#6

Chloroethane

Concen: 50.695 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008975.D

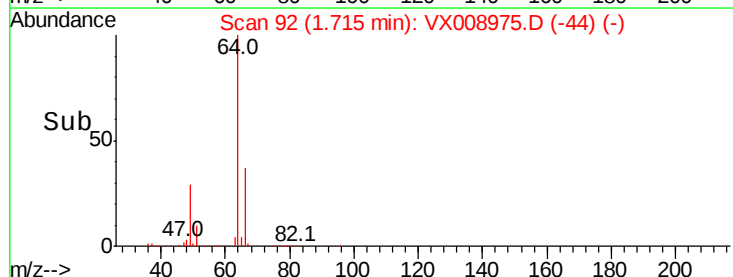
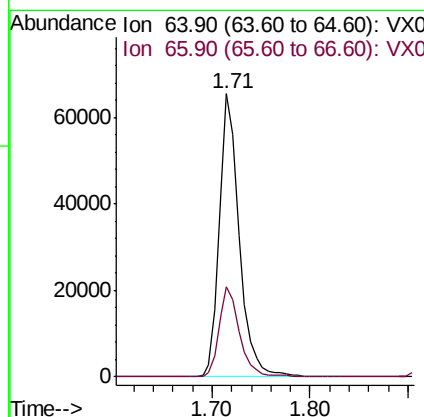
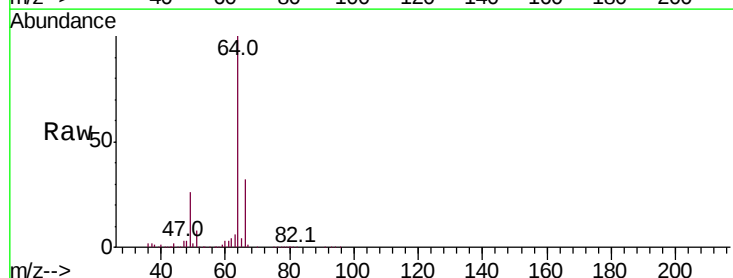
Acq: 16 Apr 2019 09:58

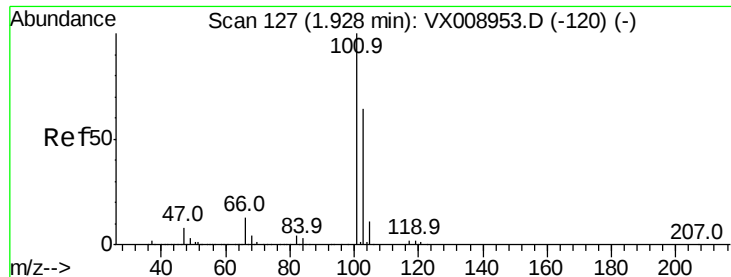
Tgt Ion: 64 Resp: 92975

Ion Ratio Lower Upper

64 100

66 31.8 24.2 36.2





#7

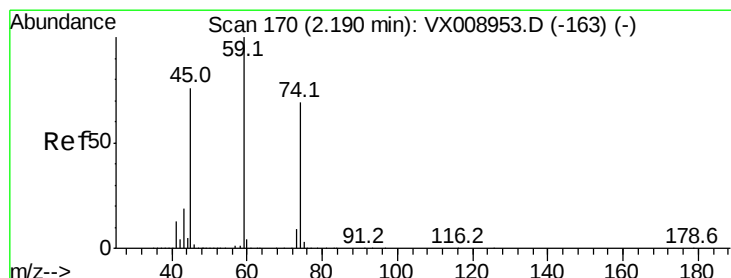
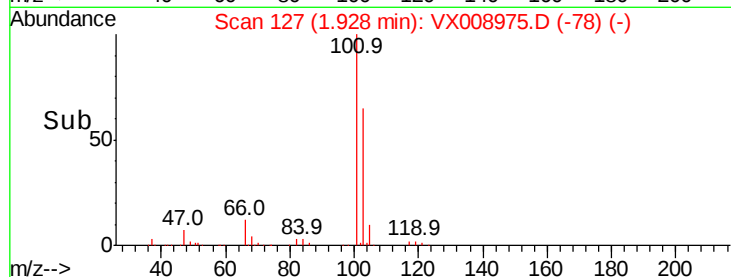
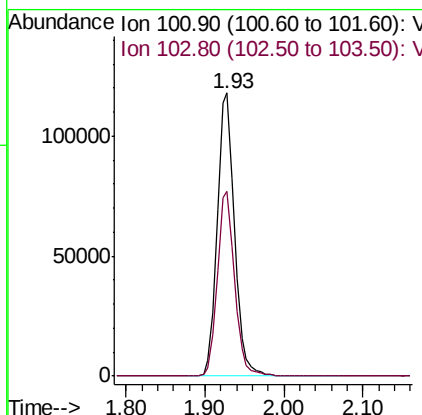
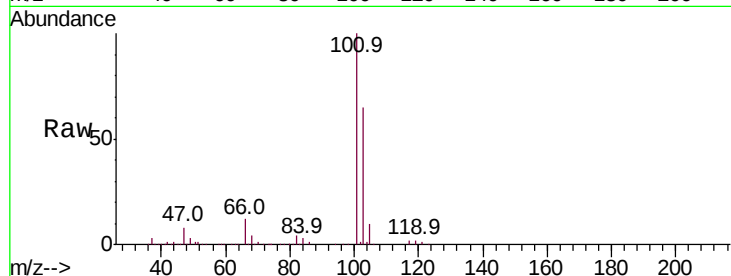
Trichlorofluoromethane
Concen: 49.554 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.0	76.6

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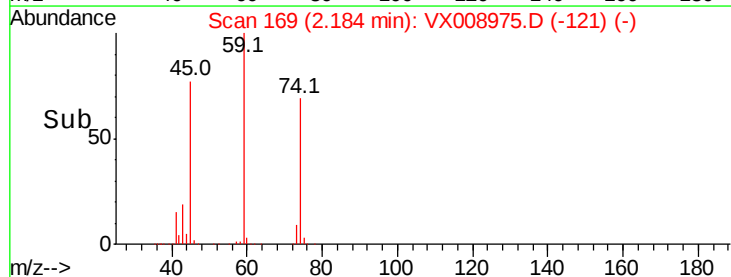
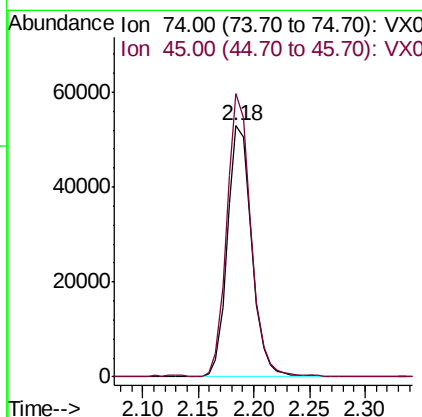
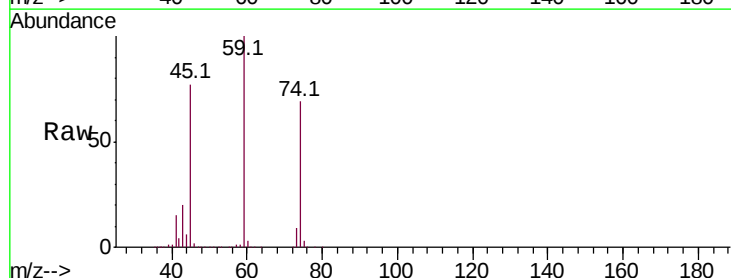
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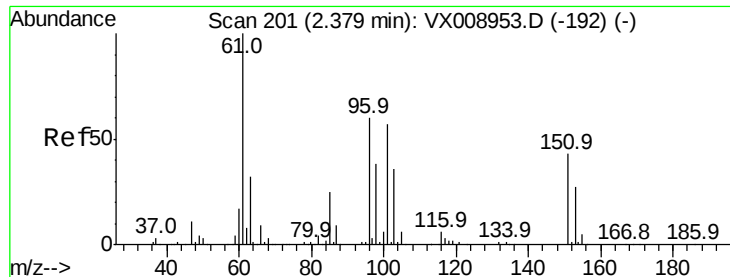


#8

Diethyl Ether
Concen: 48.267 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.4	54.9	164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.374 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

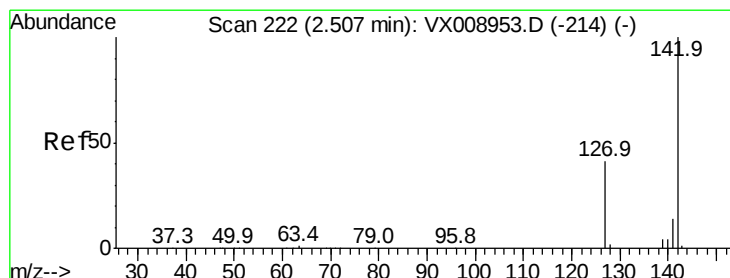
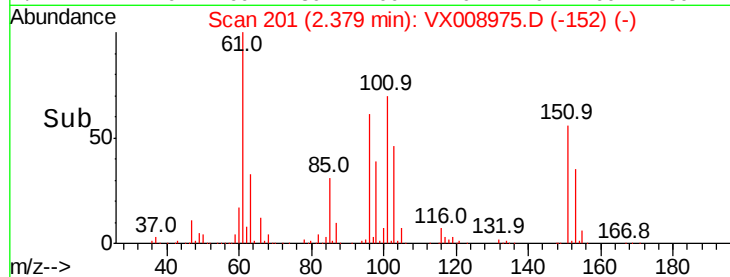
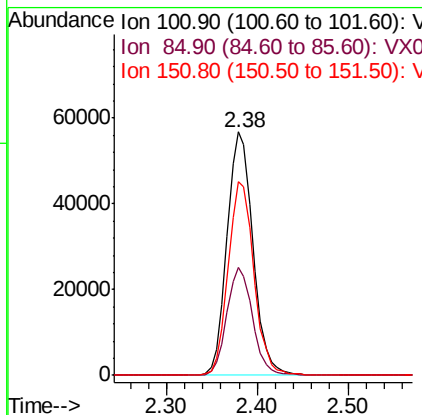
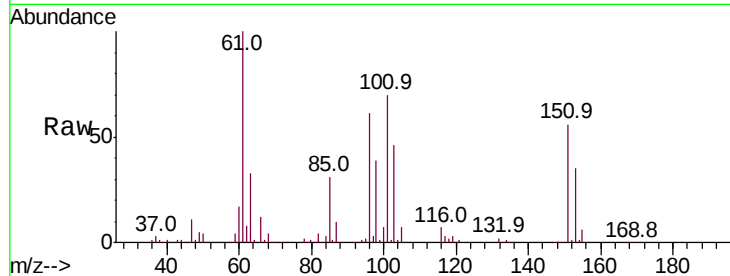
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	112626
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.7	53.5
151	79.0	62.7	94.1

Manual Integrations
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#10

Methyl Iodide

Concen: 50.072 ug/l

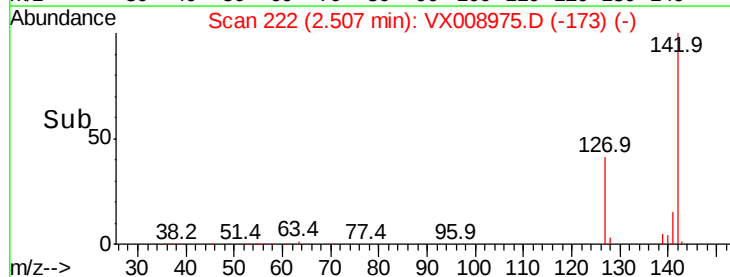
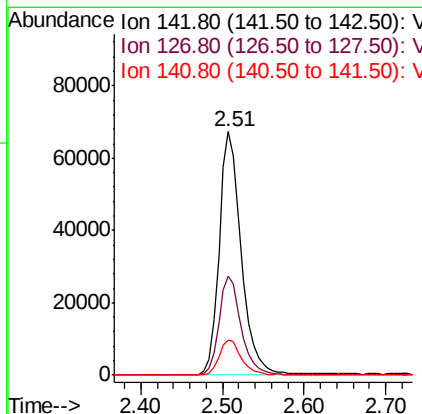
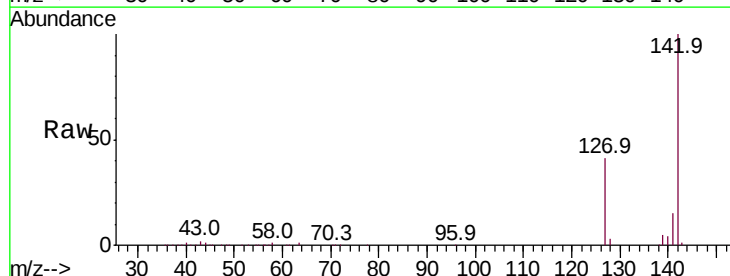
RT: 2.51 min Scan# 222

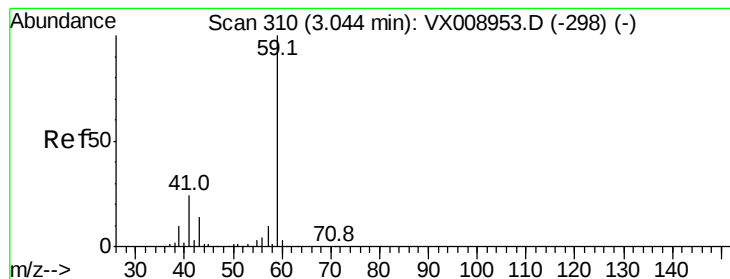
Delta R.T. 0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Tgt Ion:	142	Resp:	127480
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.8	49.2
141	14.6	11.4	17.2





#11

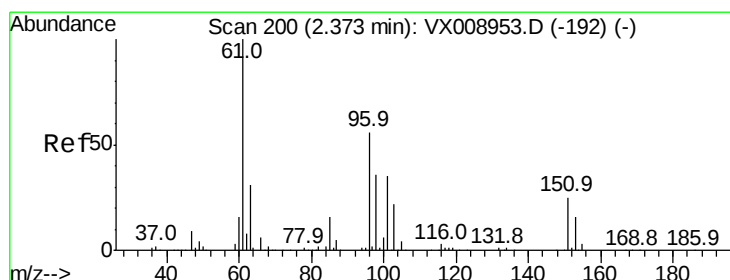
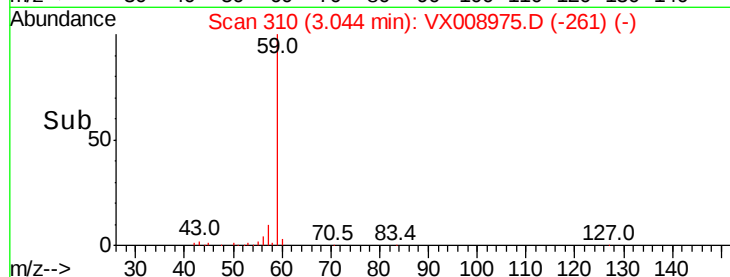
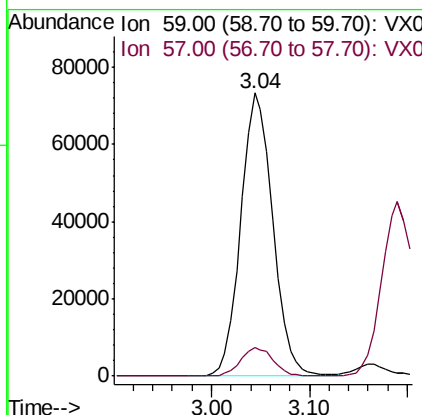
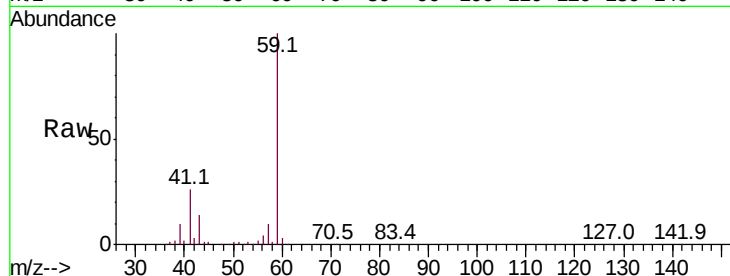
Tert butyl alcohol
Concen: 235.204 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	166736
Ion Ratio	100	Lower	Upper
57	10.5	8.4	12.6

Manual Integrations
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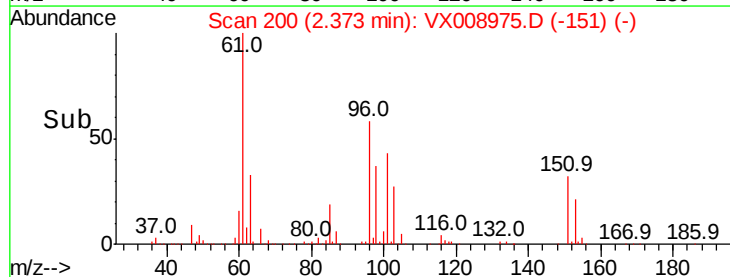
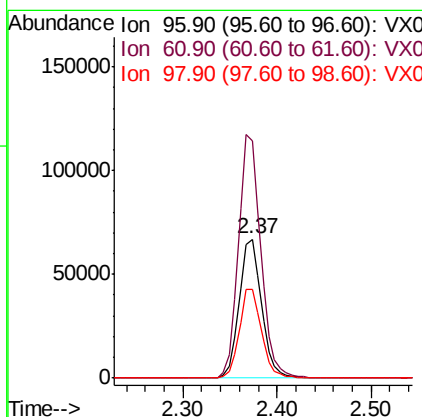
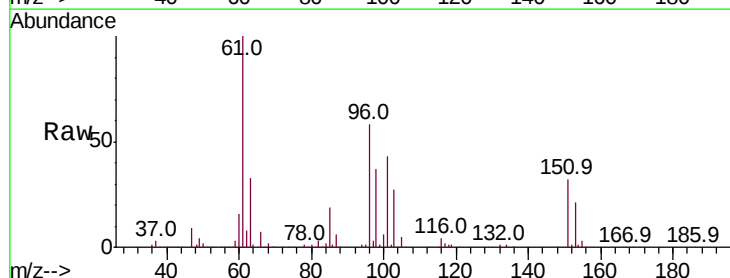
MMDadoda
4/17/2019 9:58:39 AM

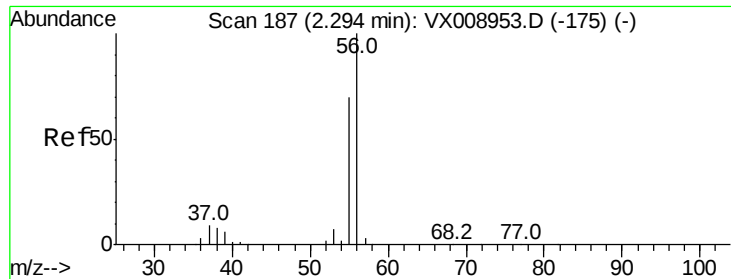


#12

1,1-Dichloroethene
Concen: 45.774 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	96	Resp	111237
Ion Ratio	100	Lower	Upper
61	171.1	142.2	213.2
98	64.0	50.9	76.3





#13

Acrolein

Concen: 202.769 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 124199

Ion Ratio Lower Upper

56 100

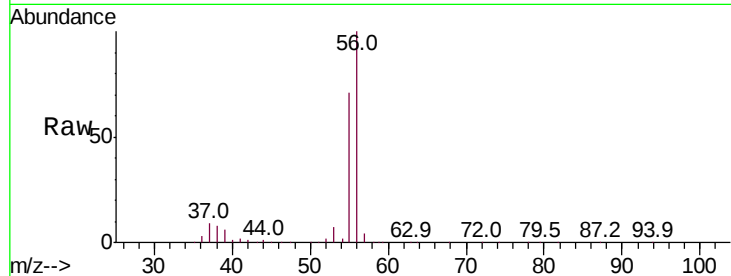
55 71.6 56.6 84.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

80000

60000

40000

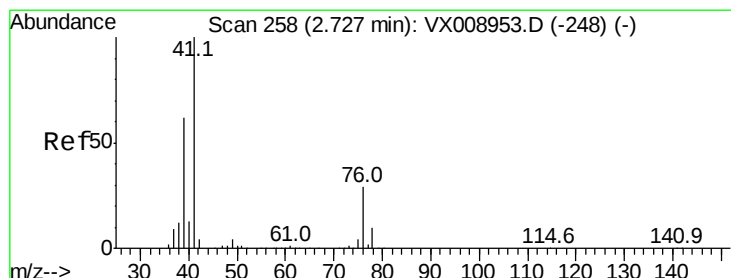
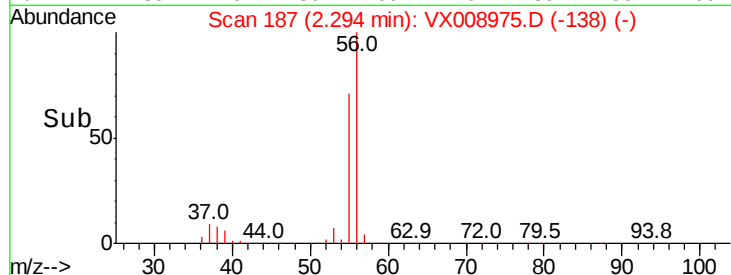
20000

0

Time-->

2.20 2.30 2.40

2.29



#14

Allyl chloride

Concen: 51.338 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

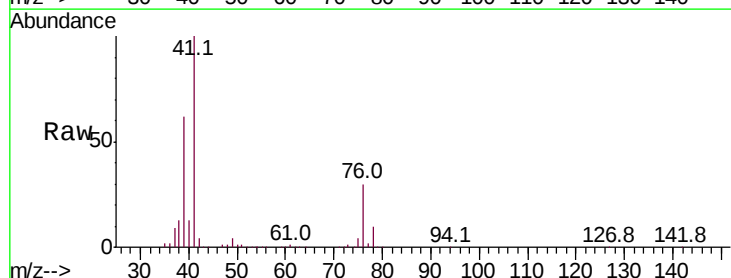
Tgt Ion: 41 Resp: 272186

Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

76 27.1 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

200000

150000

100000

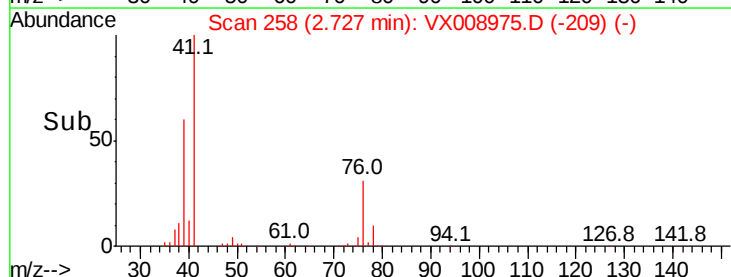
50000

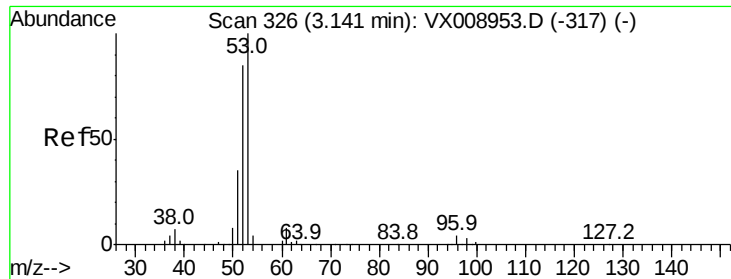
0

Time-->

2.60 2.70 2.80

2.73





#15

Acrylonitrile

Concen: 241.778 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

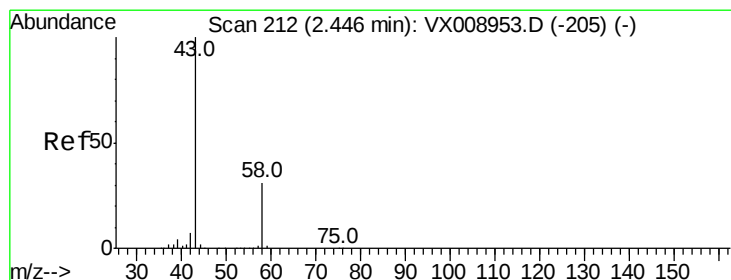
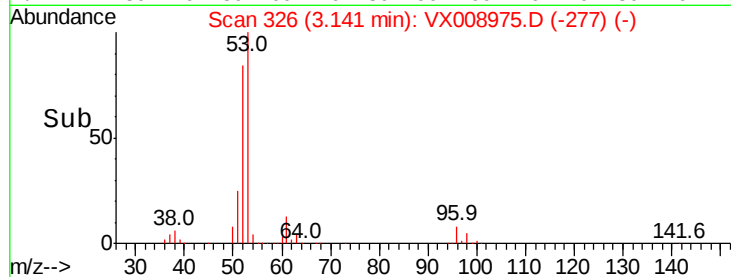
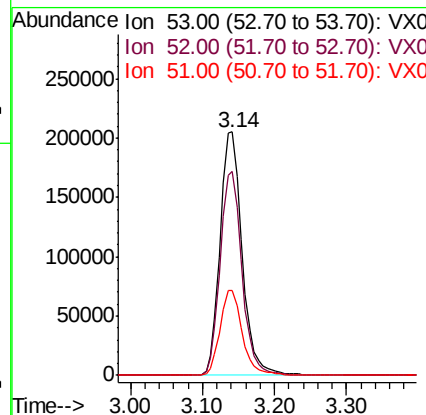
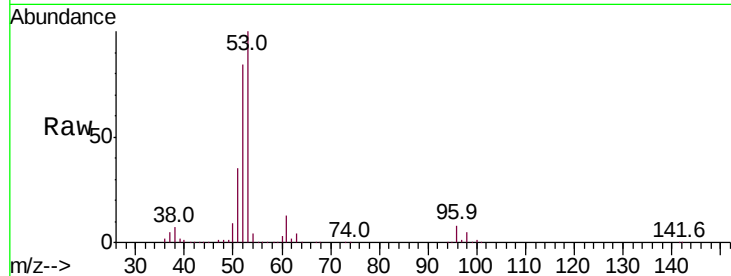
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	435086
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.6	100.0
51	35.3	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 244.584 ug/l

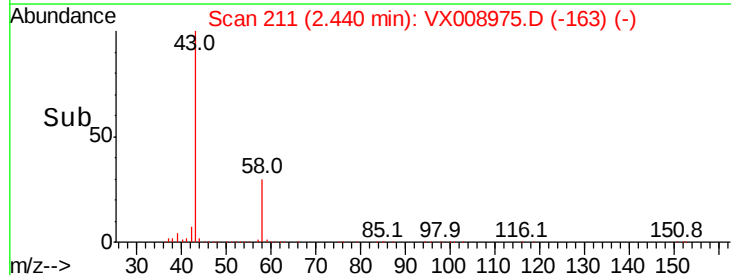
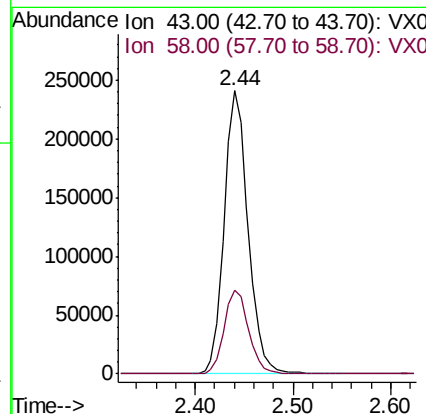
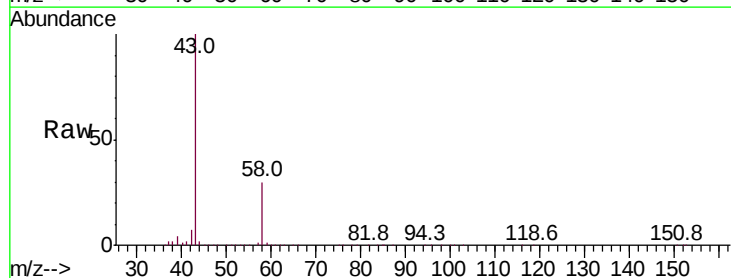
RT: 2.44 min Scan# 211

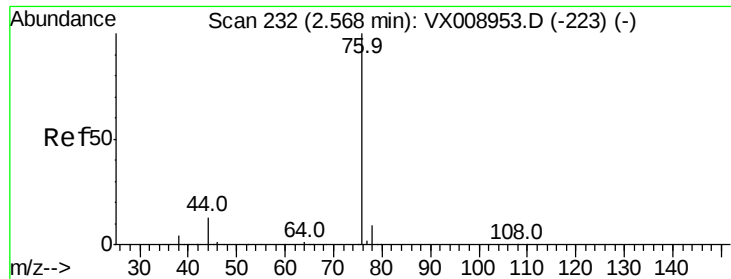
Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Tgt Ion:	43	Resp:	405065
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.8	37.2





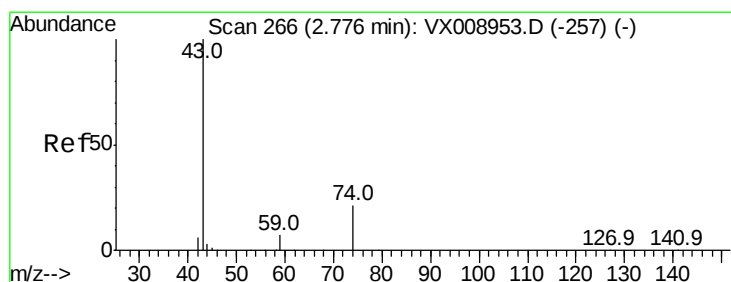
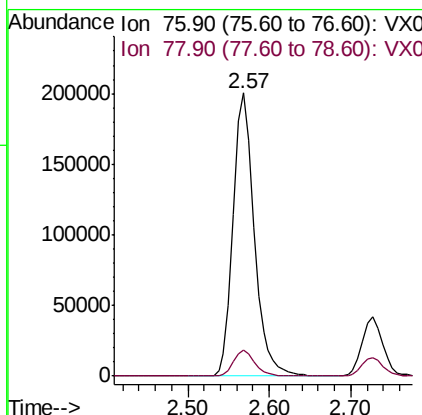
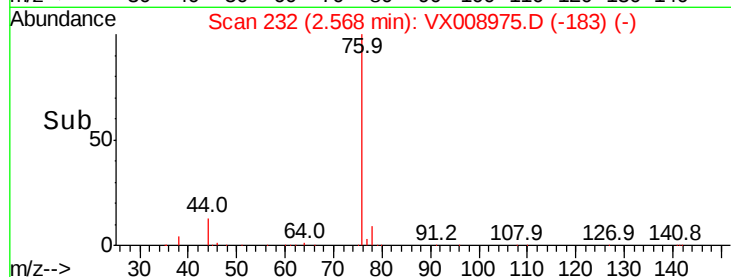
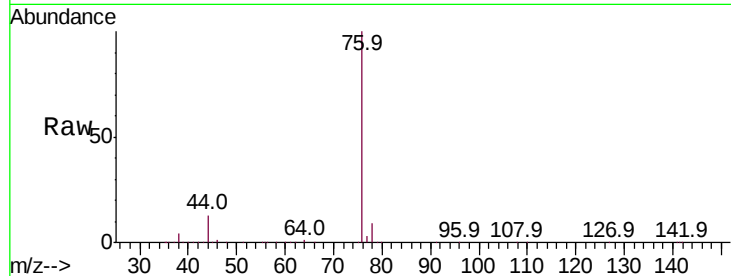
#17
Carbon Disulfide
Concen: 50.063 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

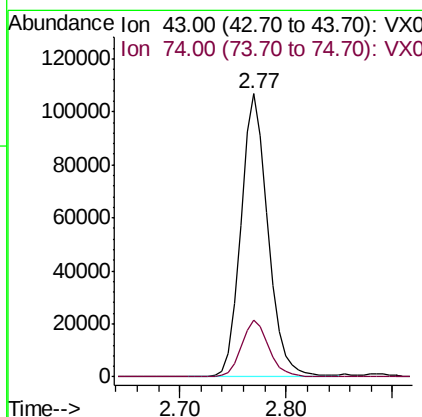
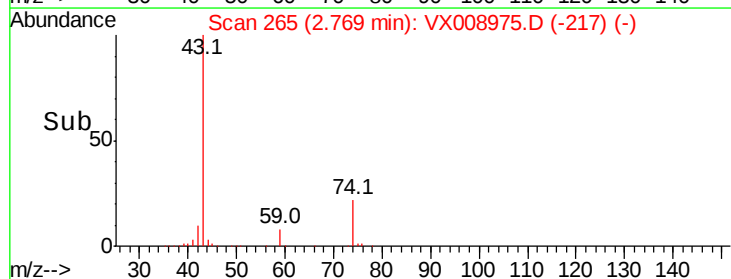
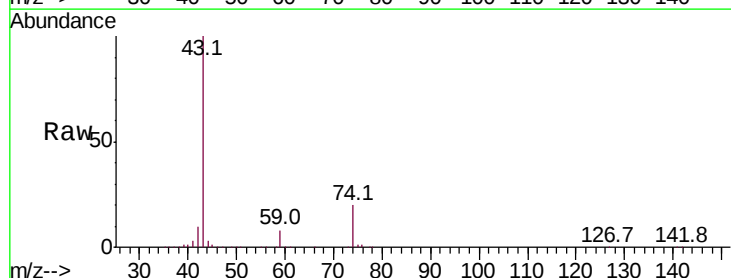
Manual Integrations
APPROVED

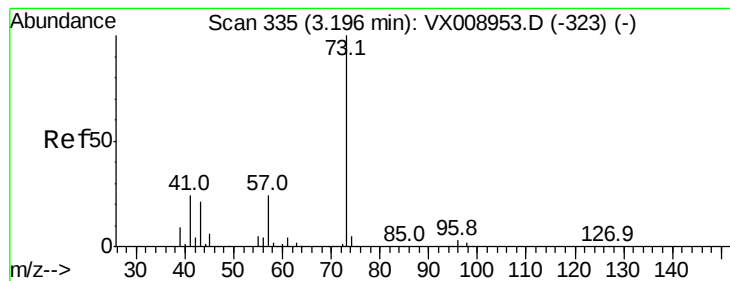
MMDadoda
4/17/2019 9:58:39 AM



#18
Methyl Acetate
Concen: 45.935 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.6	25.0





#19

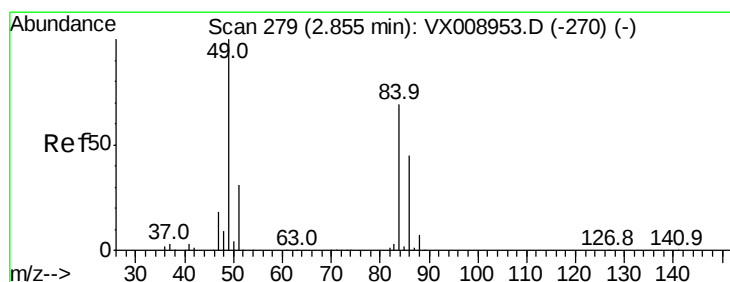
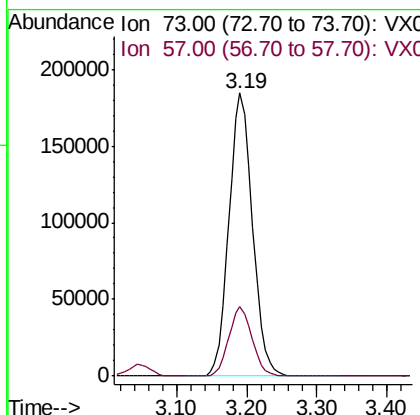
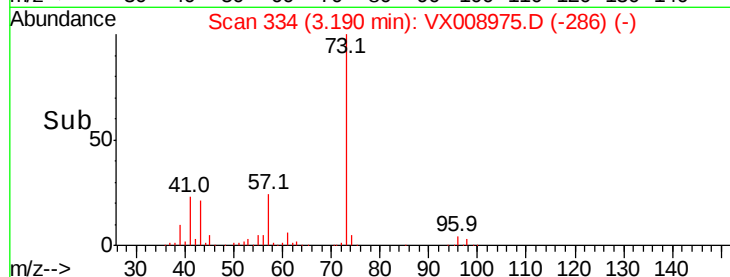
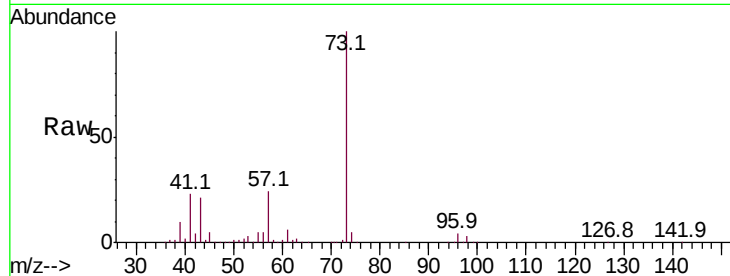
Methyl tert-butyl Ether
 Concen: 49.770 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.5	19.2	28.8

Manual Integrations
 APPROVED

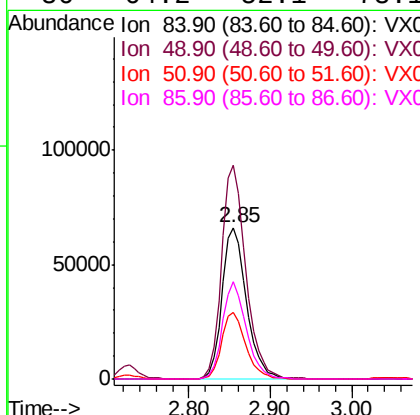
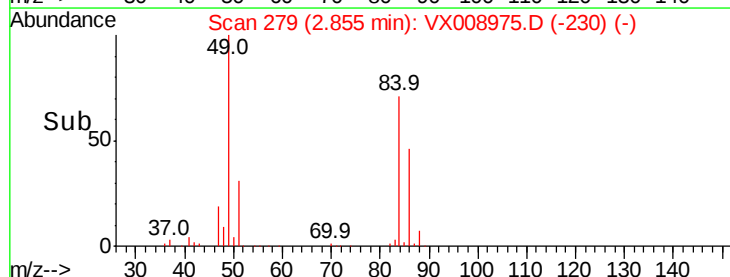
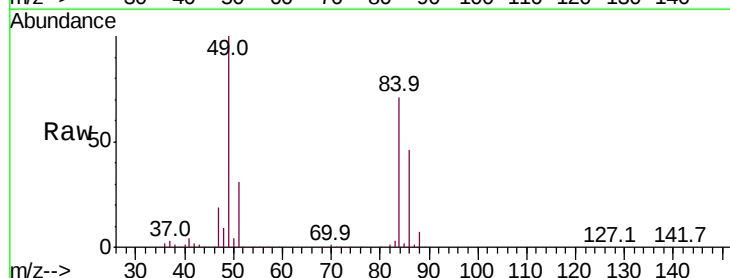
MMDadoda
 4/17/2019 9:58:39 AM

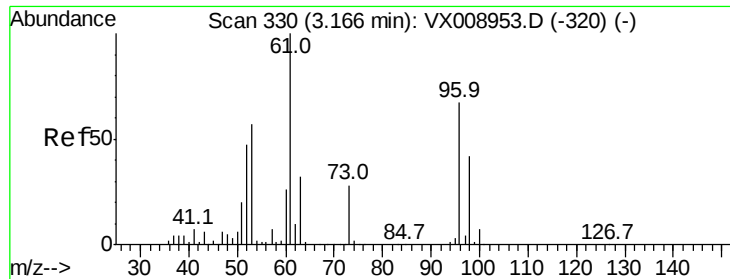


#20

Methylene Chloride
 Concen: 48.218 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.0	115.4	173.0
51	44.0	35.8	53.6
86	64.2	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 48.582 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 125927

Ion Ratio Lower Upper

96 100

61 156.9 120.3 180.5

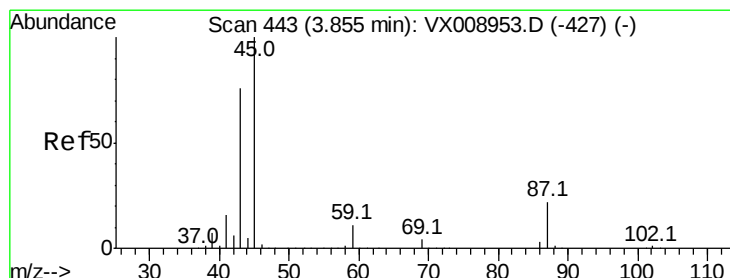
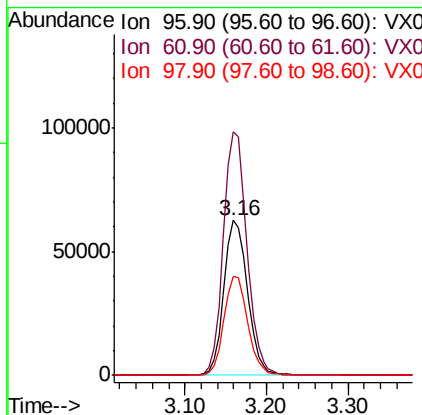
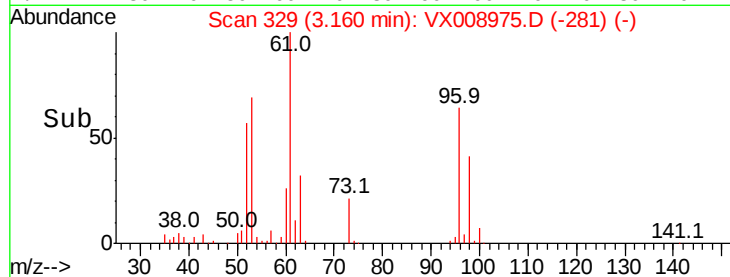
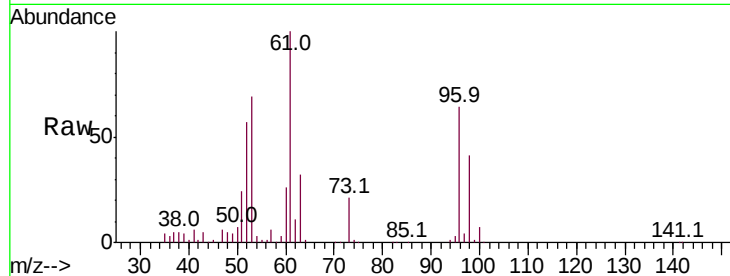
98 64.0 50.2 75.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.558 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Tgt Ion: 45 Resp: 520877

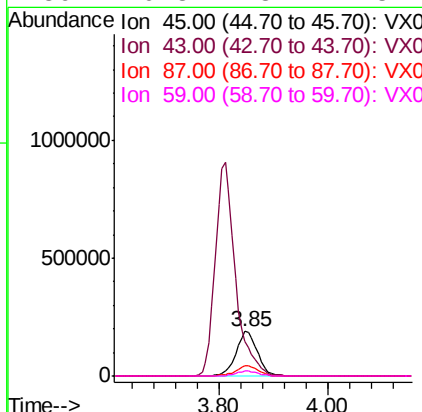
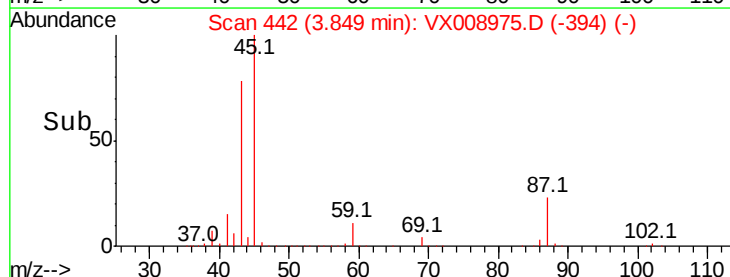
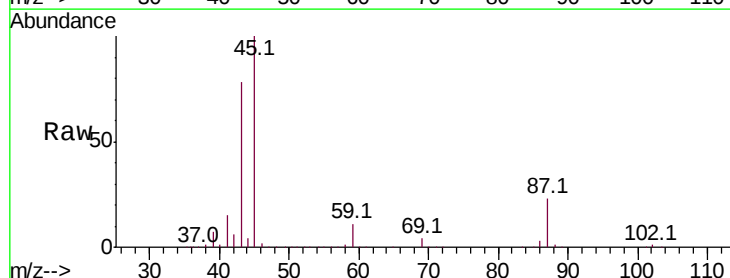
Ion Ratio Lower Upper

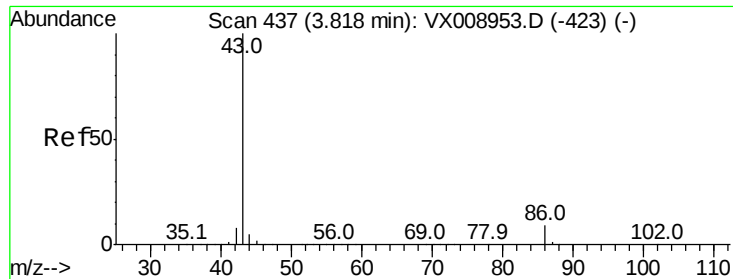
45 100

43 77.7 60.6 91.0

87 22.9 17.8 26.8

59 10.8 8.7 13.1





#23

Vinyl Acetate

Concen: 257.325 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2330404

Ion Ratio Lower Upper

43 100

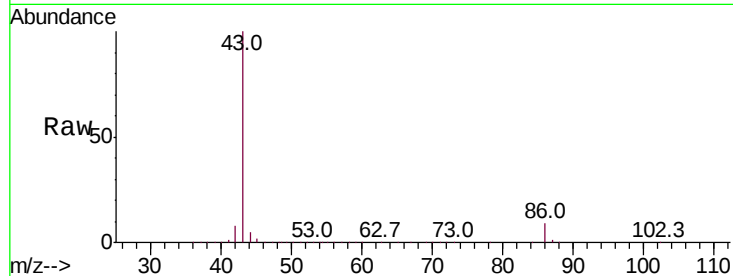
86 8.8 7.1 10.7

Manual Integrations

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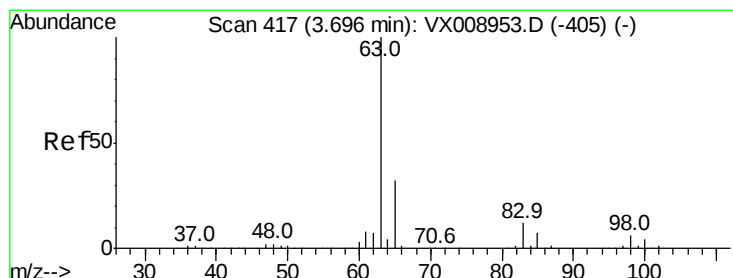
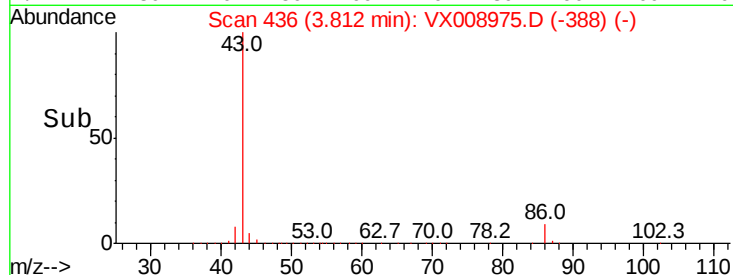
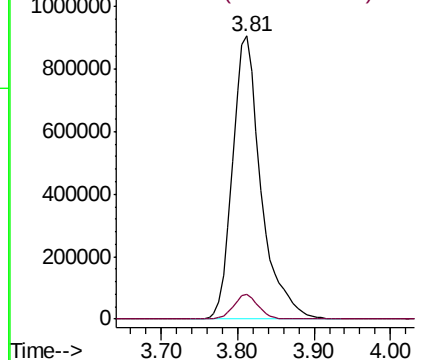
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.174 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

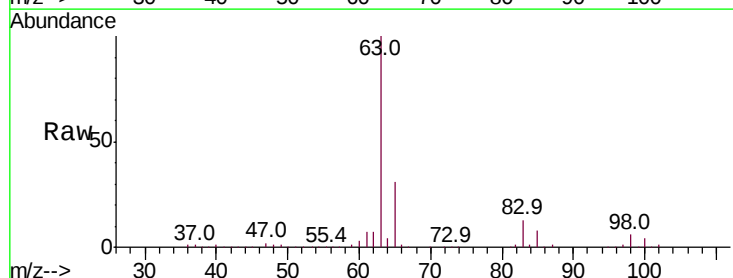
Tgt Ion: 63 Resp: 254310

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.3

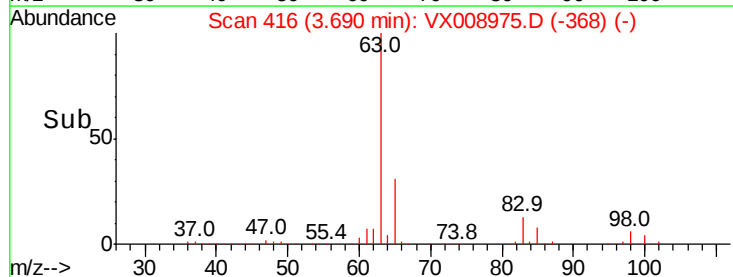
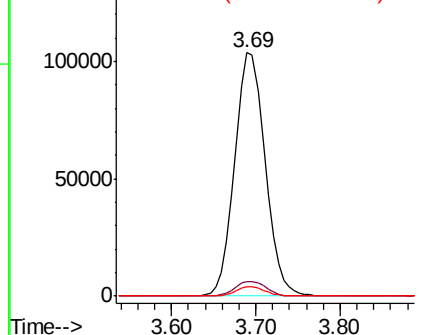
100 3.7 1.9 5.7

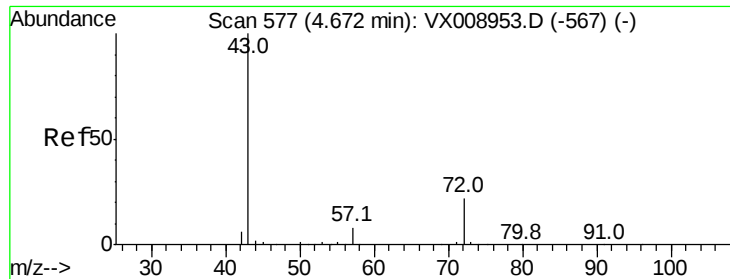


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.293 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 659935

Ion Ratio Lower Upper

43 100

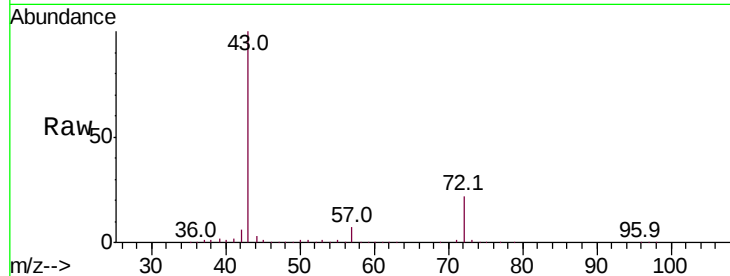
72 22.2 17.5 26.3

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

250000

200000

150000

100000

50000

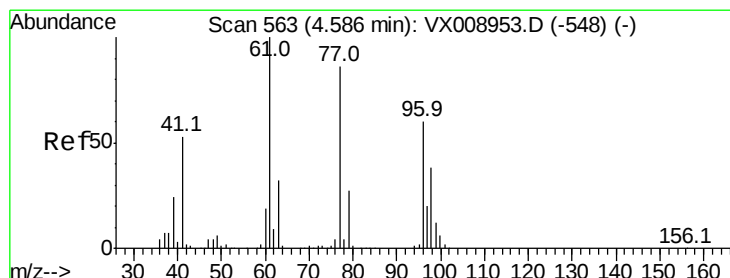
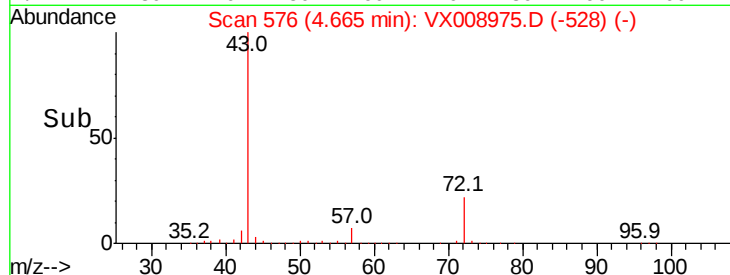
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.544 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008975.D

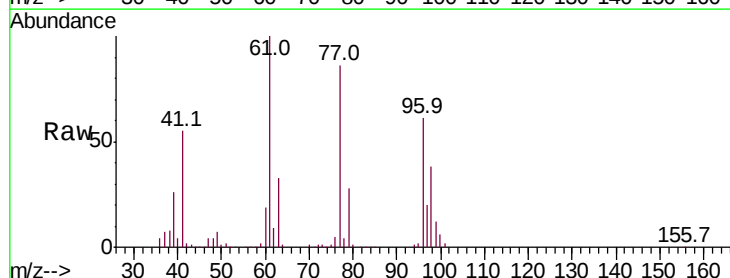
Acq: 16 Apr 2019 09:58

Tgt Ion: 77 Resp: 195939

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

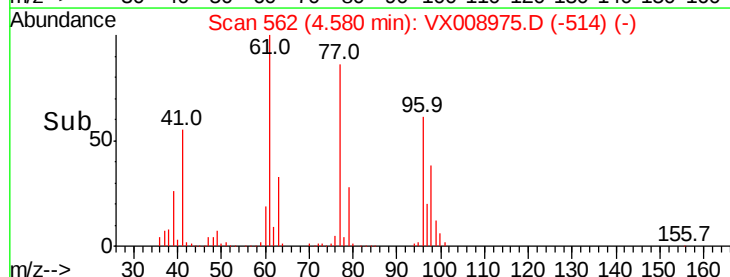
4.40

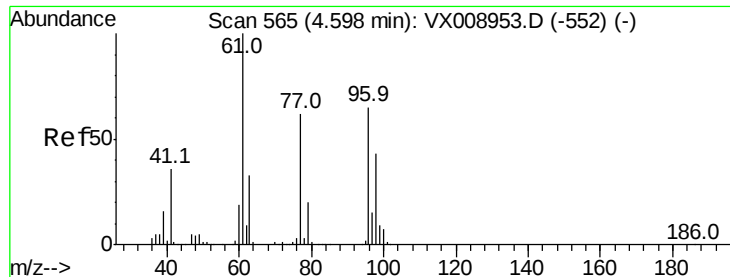
4.50

4.60

4.70

Time-->





#27

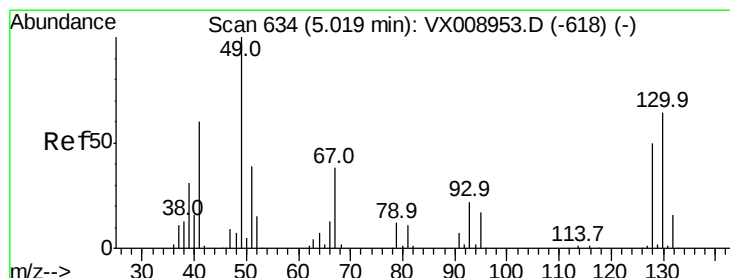
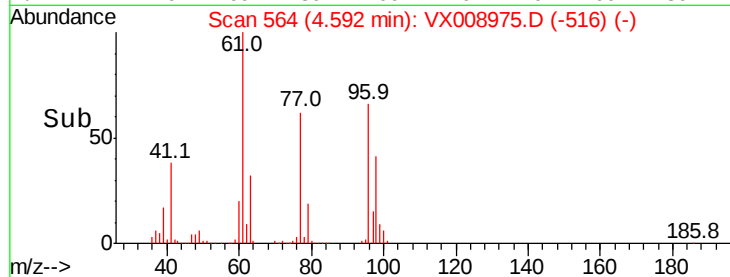
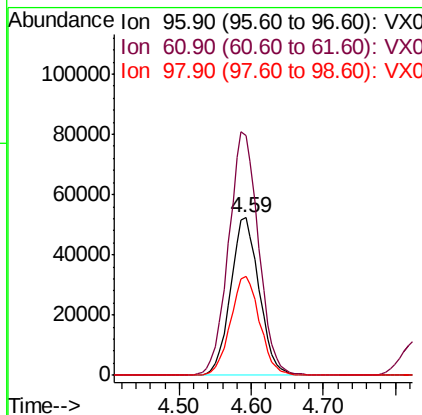
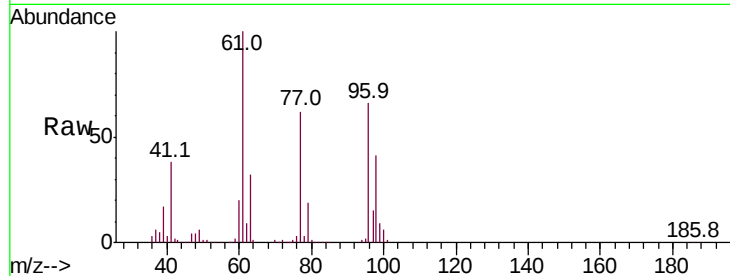
cis-1,2-Dichloroethene
 Concen: 49.131 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	162.2	0.0	322.0	
98	64.3	0.0	128.4	

Manual Integrations
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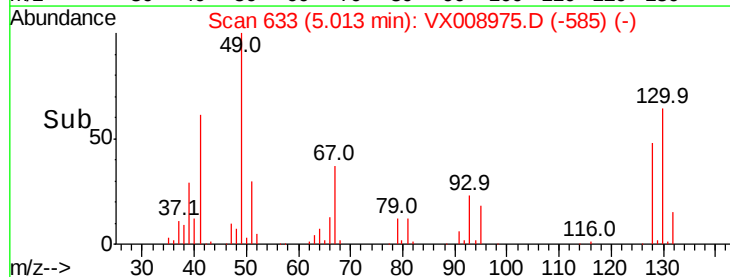
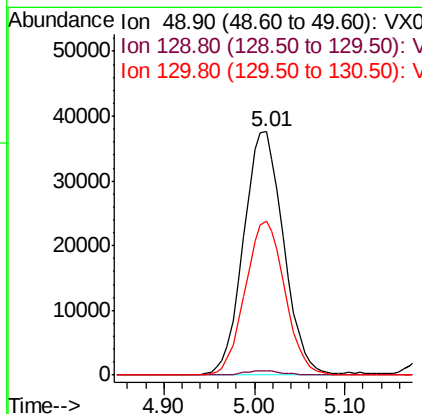
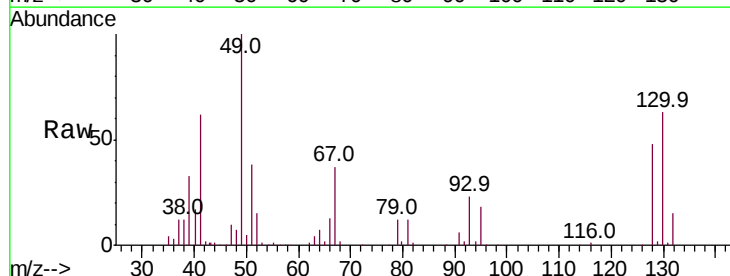
MMDadoda
 4/17/2019 9:58:39 AM

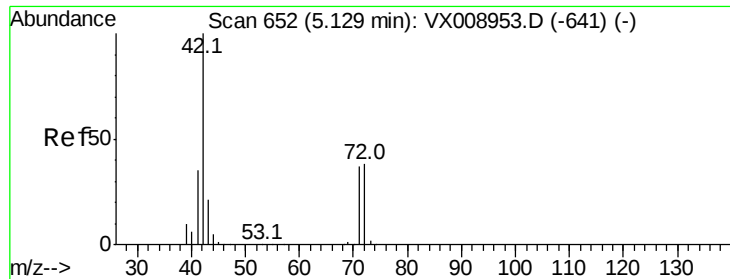


#28

Bromochloromethane
 Concen: 53.692 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	3.6	
130	62.5	50.4	75.6	





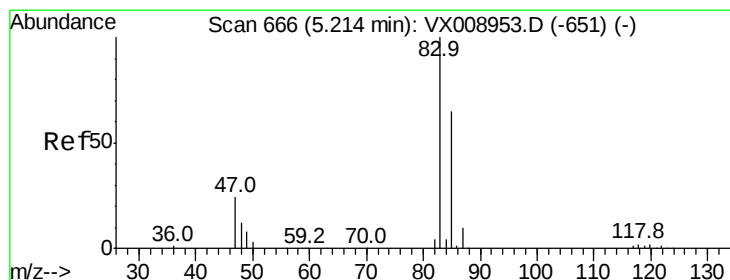
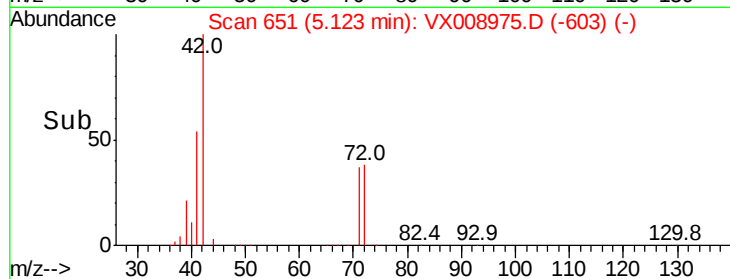
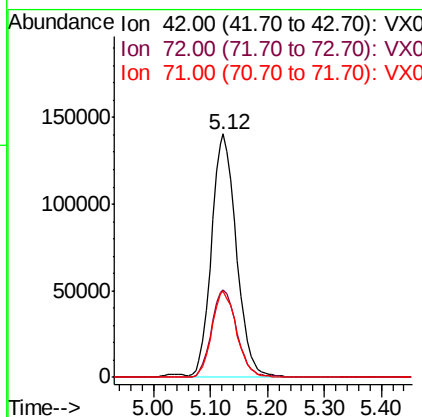
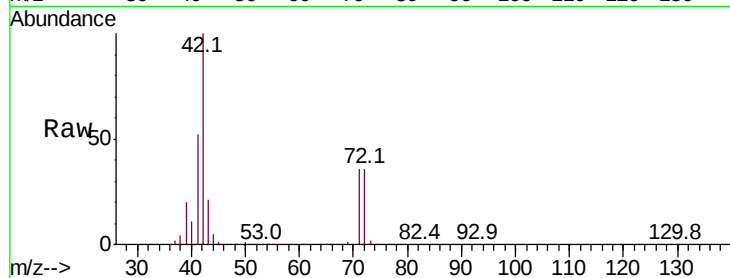
#29
Tetrahydrofuran
Concen: 239.238 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.1	30.6	45.8
71	35.2	28.8	43.2

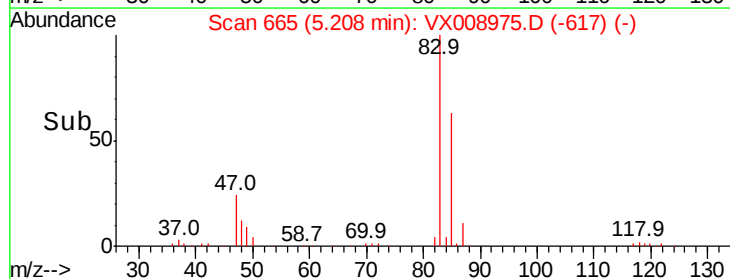
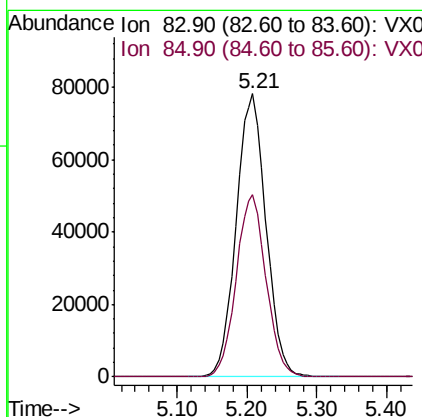
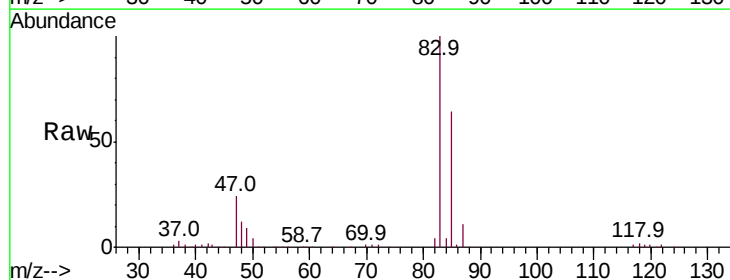
Manual Integrations
APPROVED

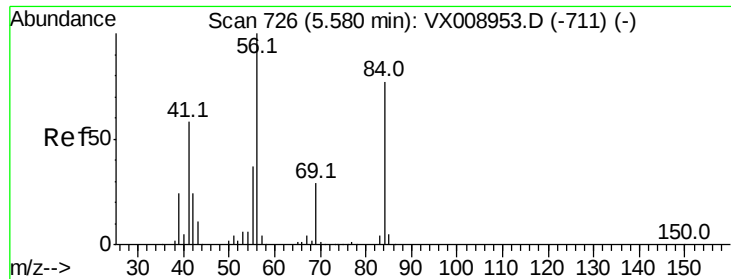
MMDadoda
4/17/2019 9:58:39 AM



#30
Chloroform
Concen: 49.939 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9





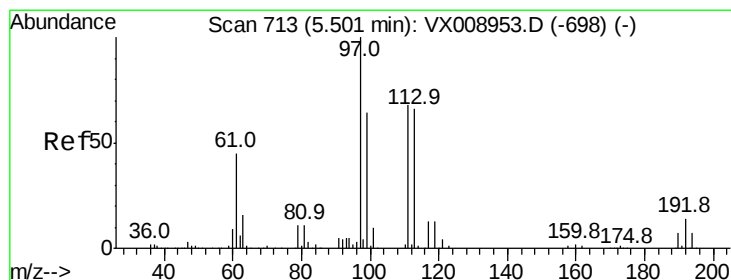
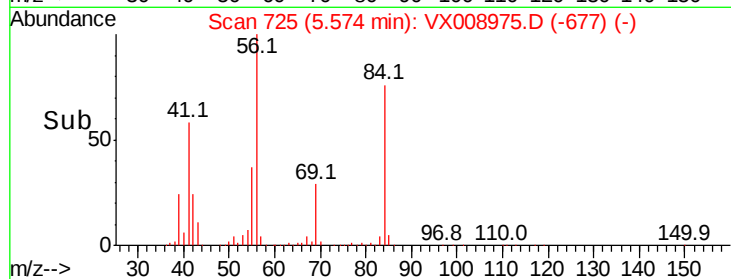
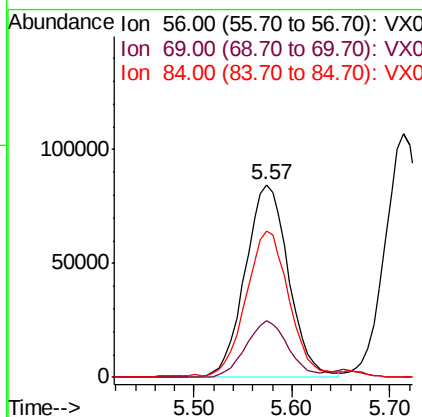
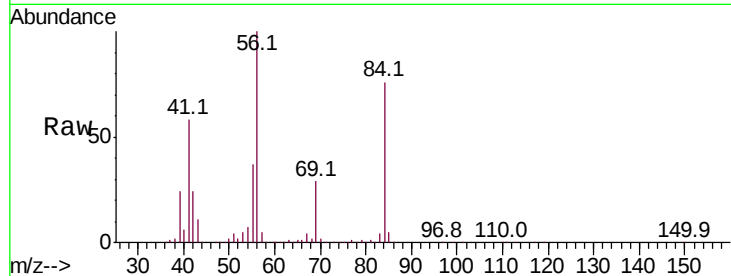
#31
Cyclohexane
Concen: 51.207 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.3	34.9
84	75.1	61.7	92.5

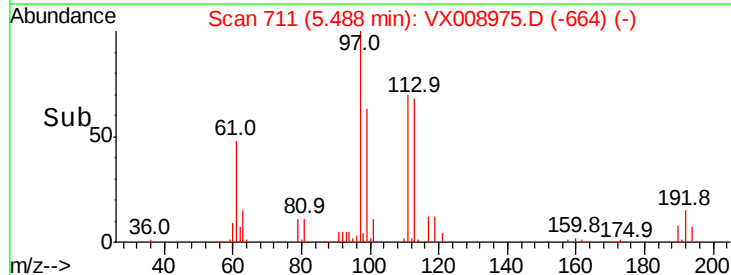
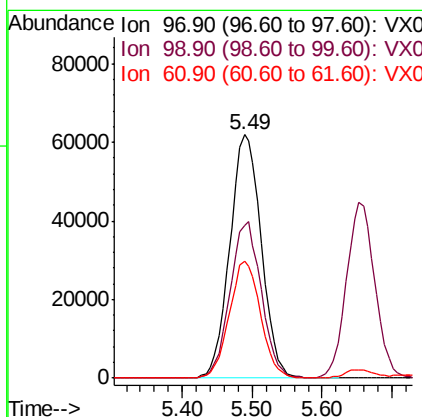
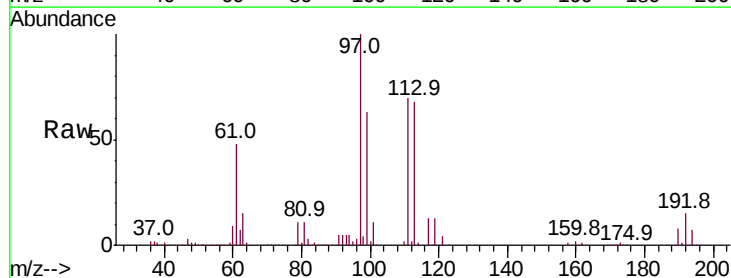
Manual Integrations
APPROVED

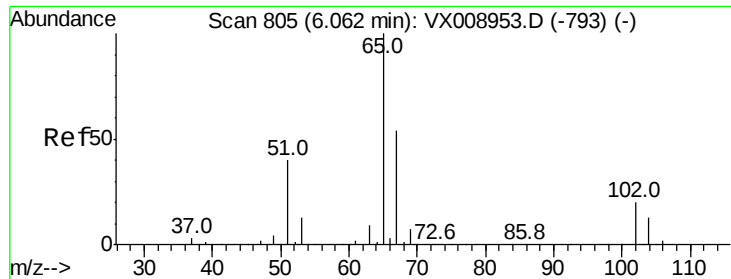
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#32
1,1,1-Trichloroethane
Concen: 50.418 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	47.8	37.9	56.9





#33

1,2-Dichloroethane-d4

Concen: 52.429 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008975.D

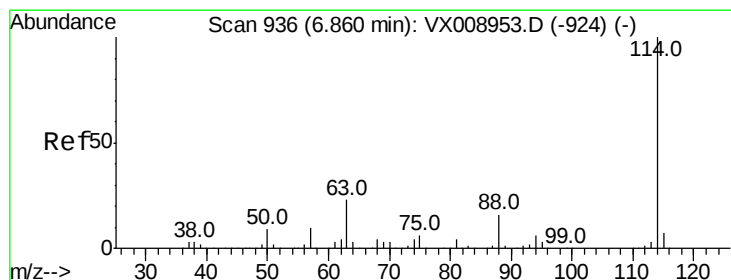
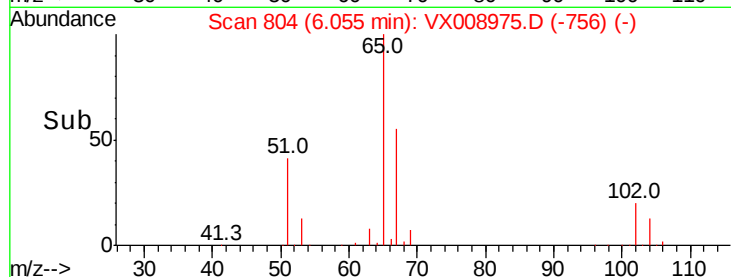
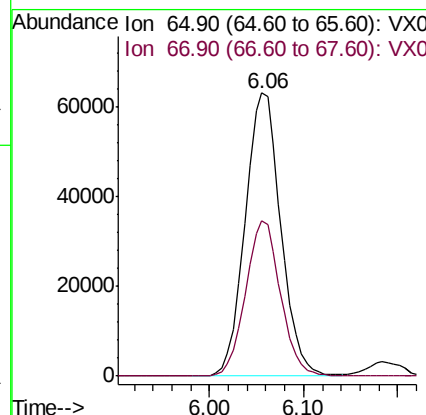
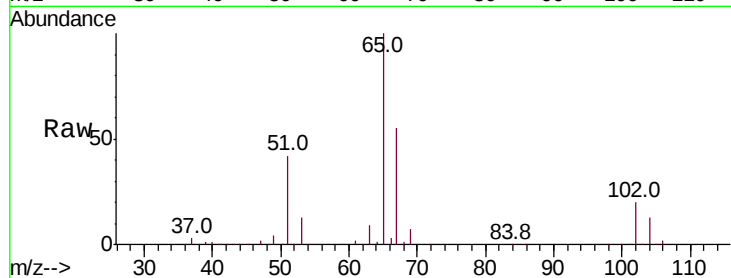
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

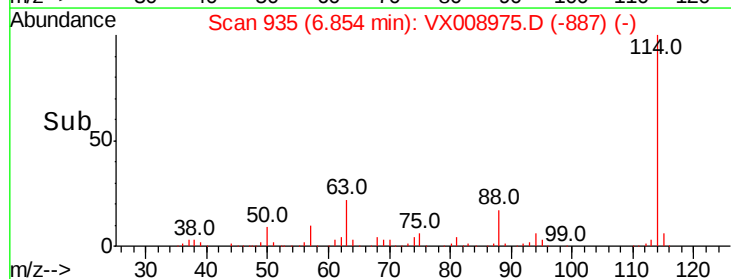
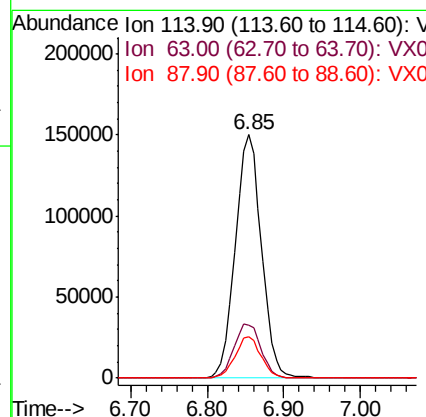
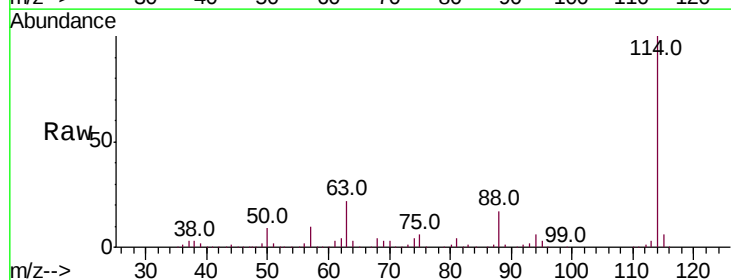
RT: 6.85 min Scan# 935

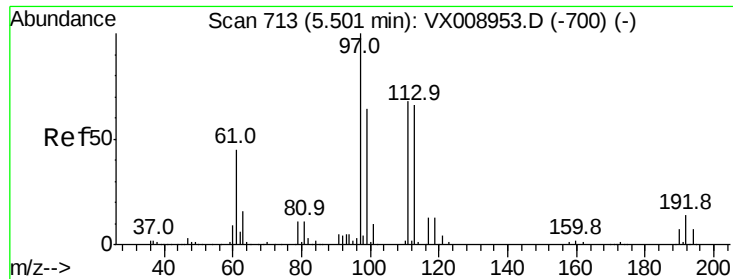
Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	46.0
88	17.1	0.0	32.6





#35

Dibromofluoromethane

Concen: 54.263 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

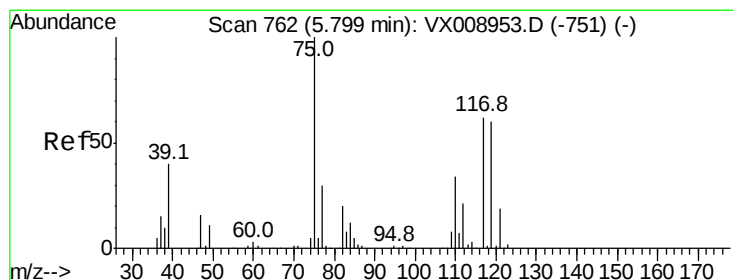
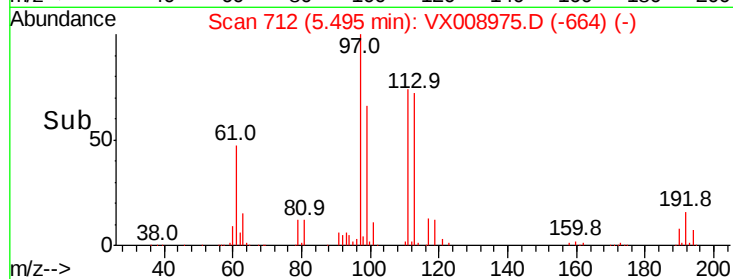
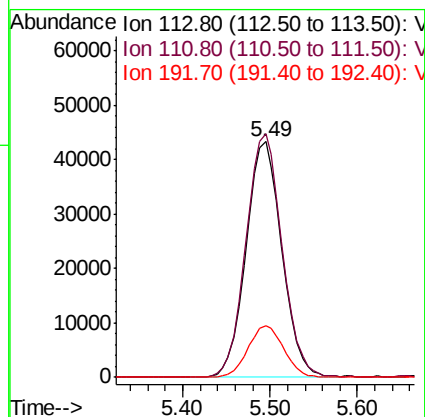
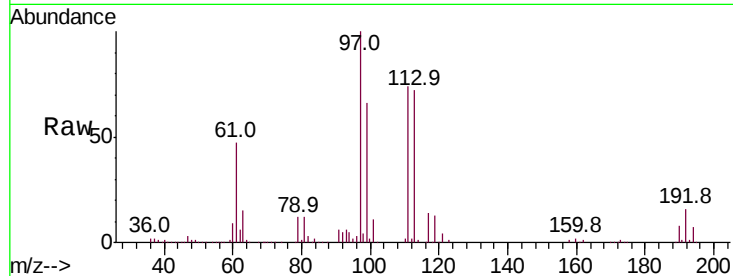
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	123487
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.9	124.3
192	21.8	17.4	26.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.510 ug/l

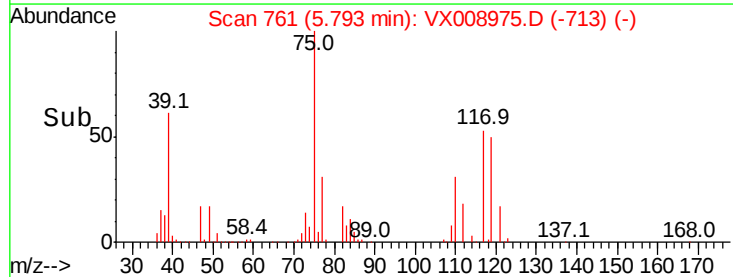
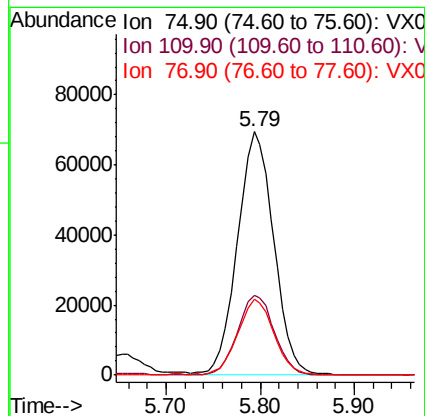
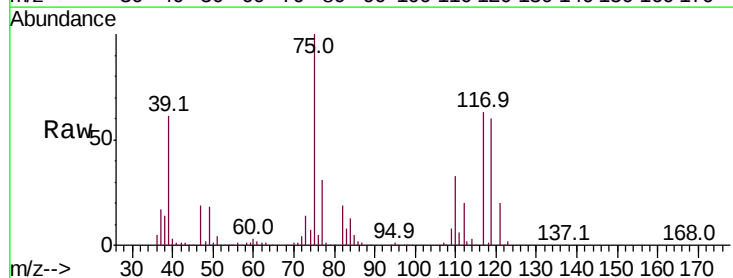
RT: 5.79 min Scan# 761

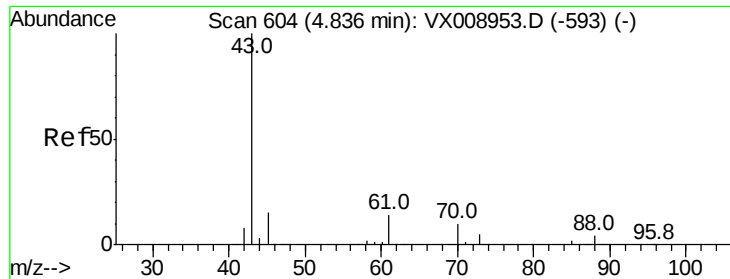
Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Tgt Ion:	75	Resp:	185232
Ion Ratio	Lower	Upper	
75	100		
110	33.2	16.9	50.7
77	31.2	25.0	37.4





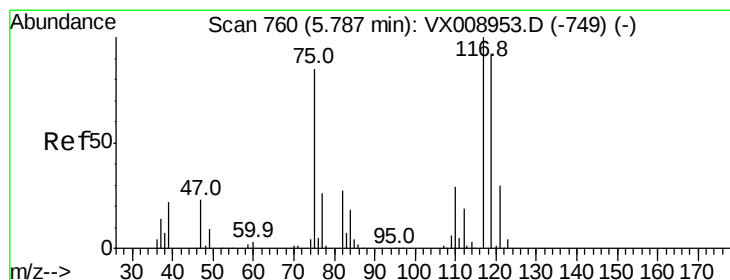
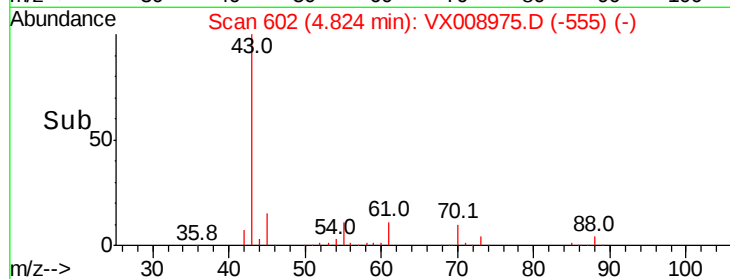
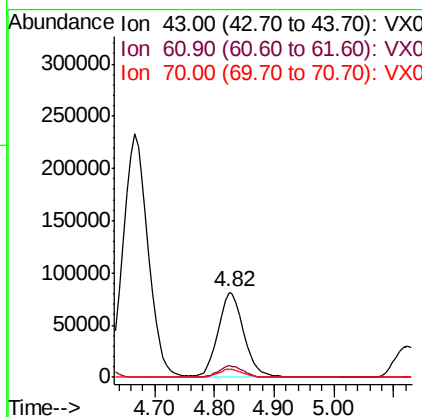
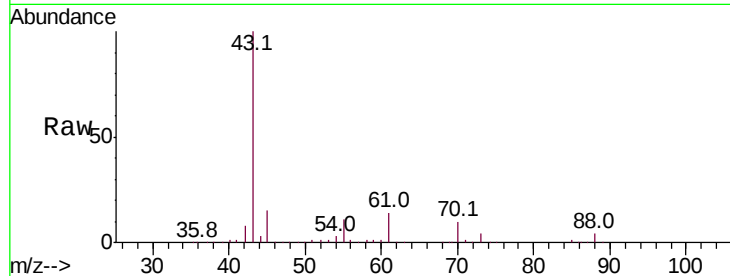
#37
Ethyl Acetate
Concen: 51.510 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	9.6	7.7	11.5

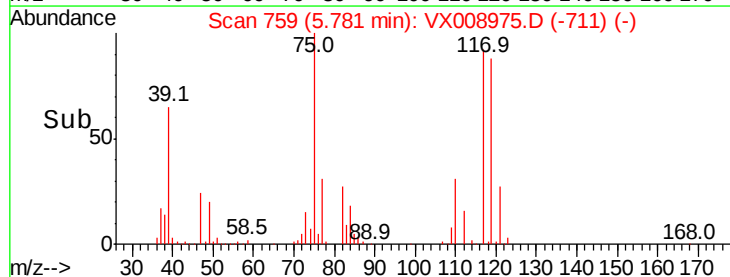
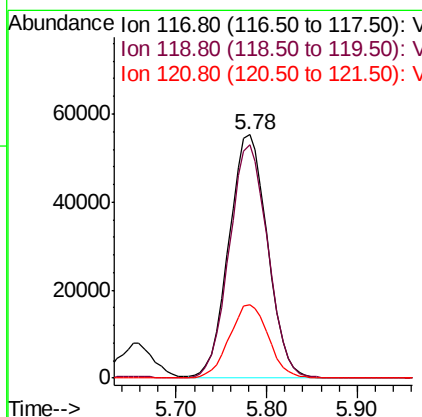
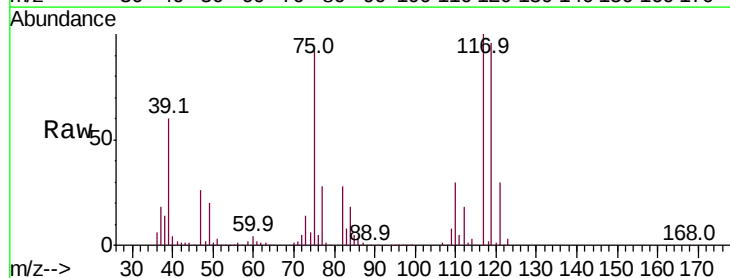
Manual Integrations
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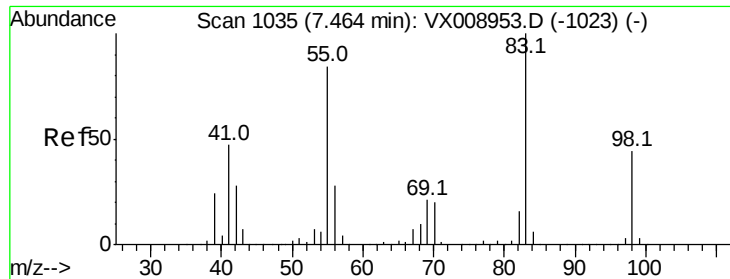
MMDadoda
4/17/2019 9:58:39 AM



#38
Carbon Tetrachloride
Concen: 52.559 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	73.8	110.8
121	30.3	23.6	35.4





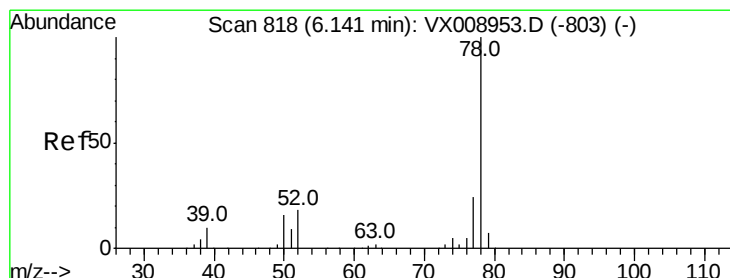
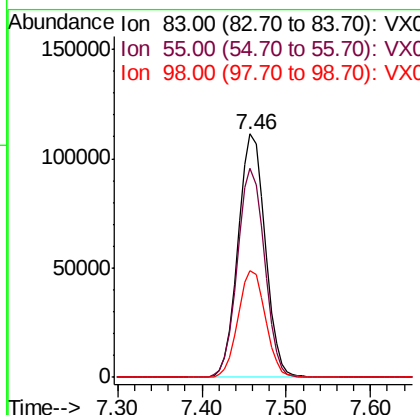
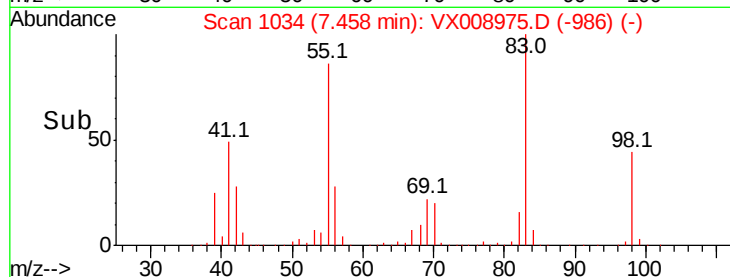
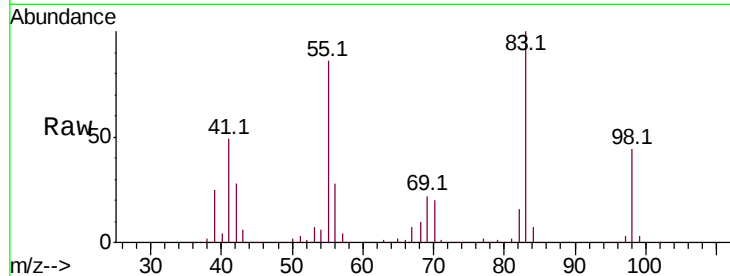
#39
Methvlcvclohexane
Concen: 54.051 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	67.1	100.7
98	43.9	35.1	52.7

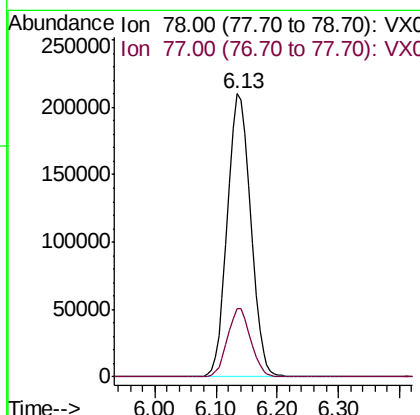
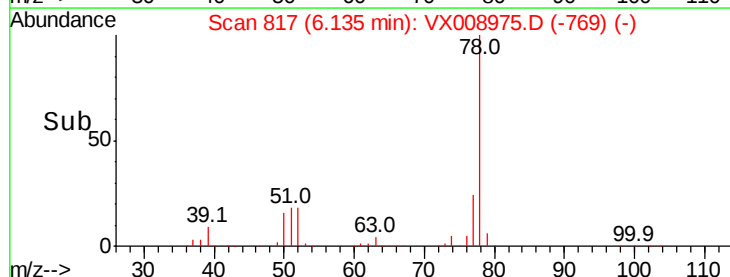
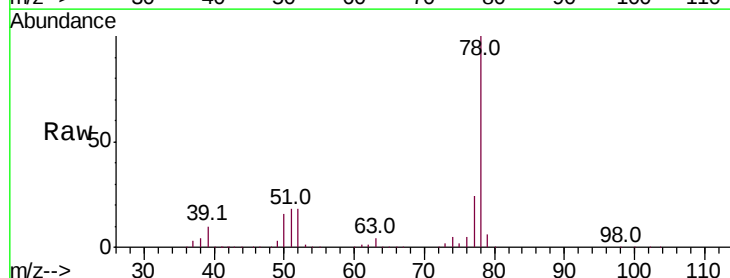
Manual Integrations
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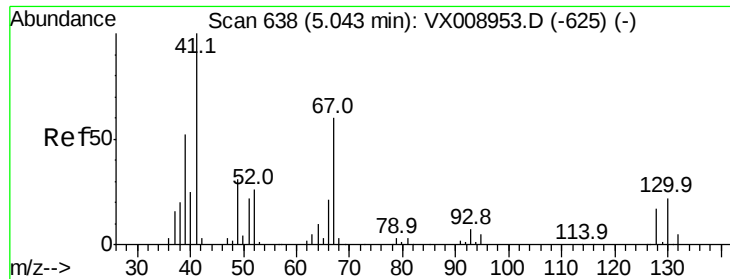
MMDadoda
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#40
Benzene
Concen: 51.195 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





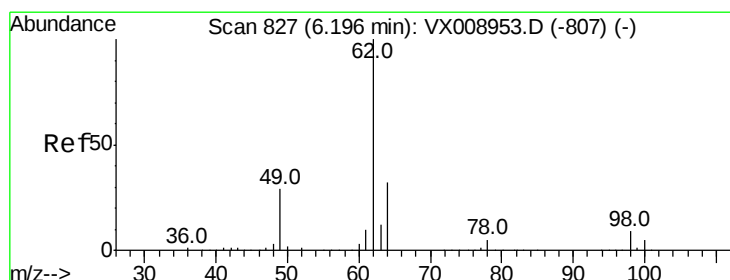
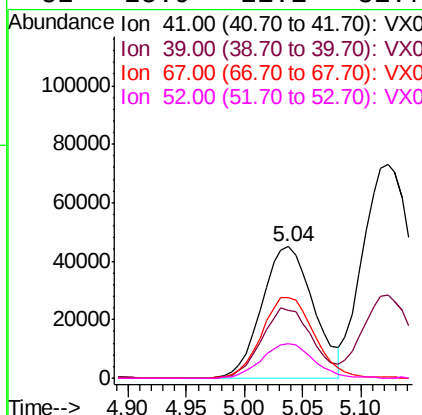
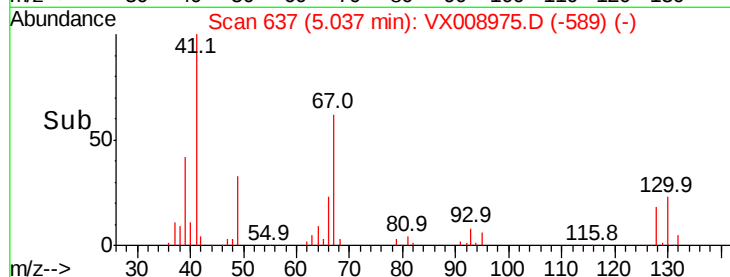
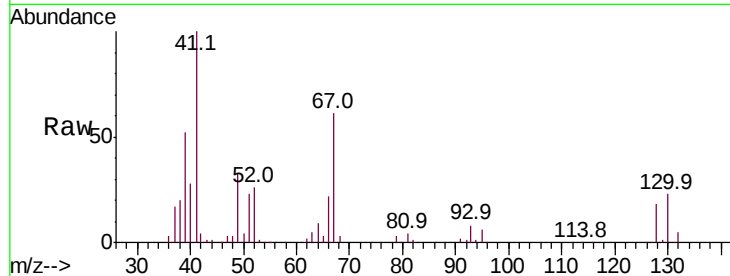
#41
Methacrylonitrile
Concen: 51.161 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	41.8	62.6	
67	62.8	50.2	75.4	
52	25.9	21.1	31.7	

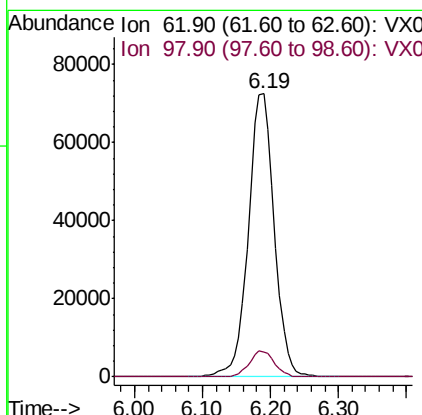
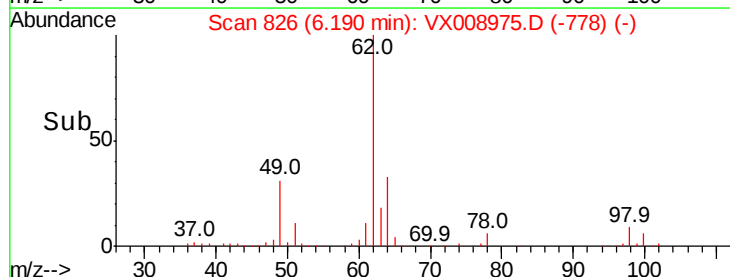
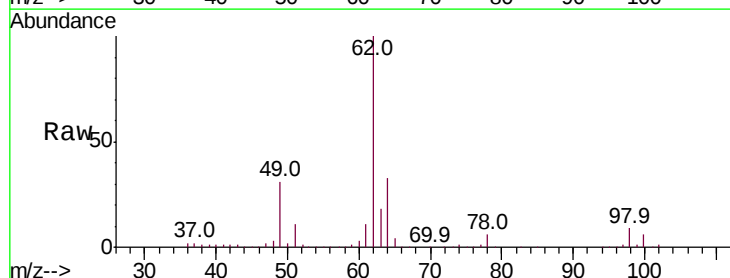
Manual Integrations
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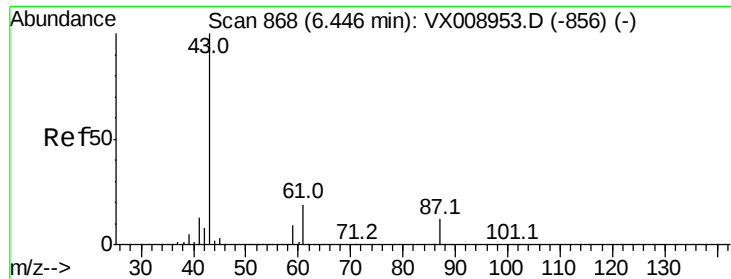
MMDadoda
4/17/2019 9:58:39 AM



#42
1,2-Dichloroethane
Concen: 50.144 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	18.4	





#43

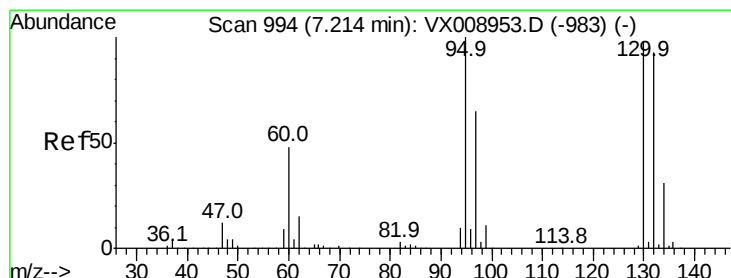
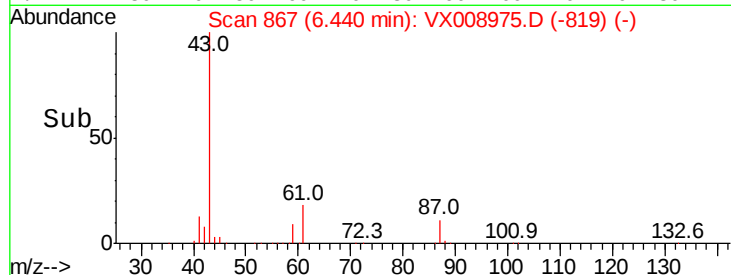
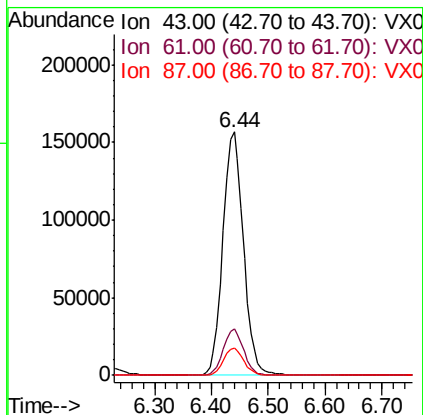
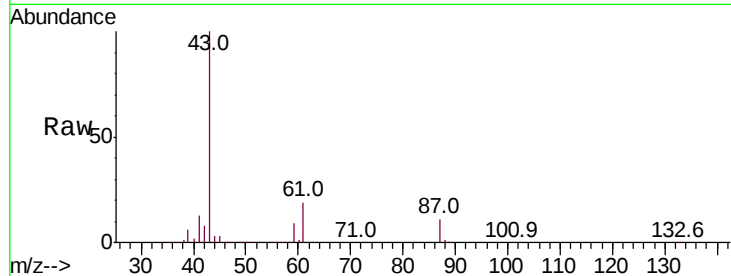
Isopropyl Acetate
 Concen: 51.661 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.0
87	11.2	9.0	13.4

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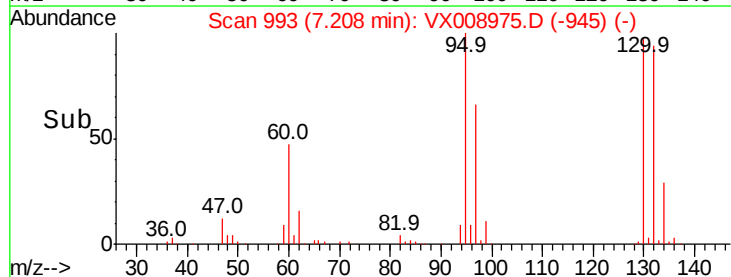
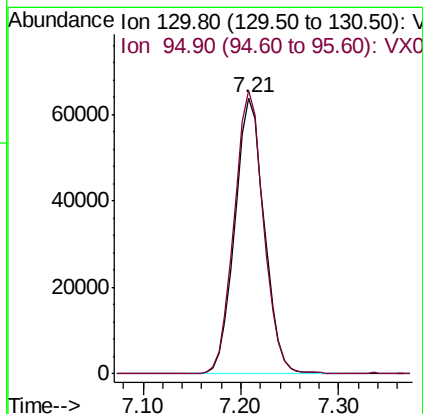
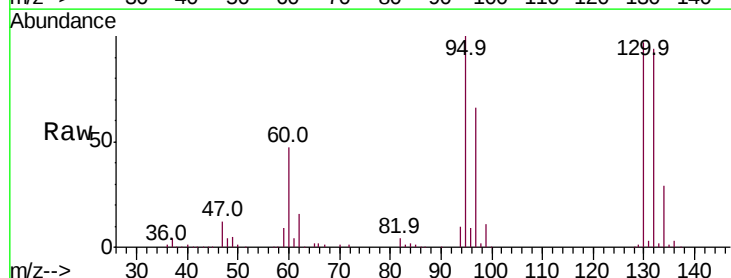
MMDadoda
 4/17/2019 9:58:39 AM

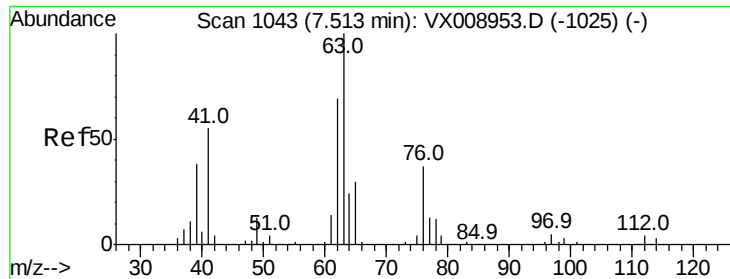


#44

Trichloroethene
 Concen: 50.341 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	203.2





#45

1,2-Dichloropropane

Concen: 51.650 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 155022

Ion Ratio Lower Upper

63 100

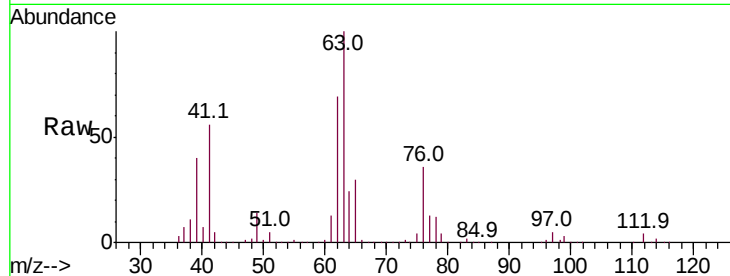
65 30.5 24.1 36.1

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4/17/2019 9:58:39 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

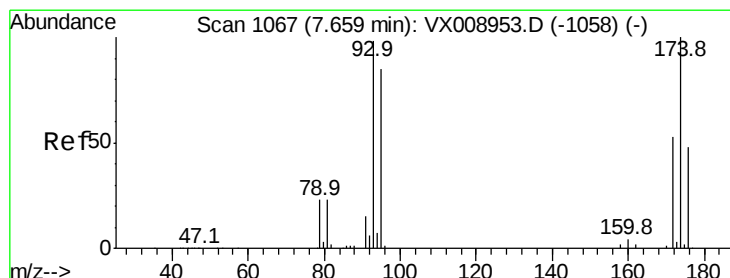
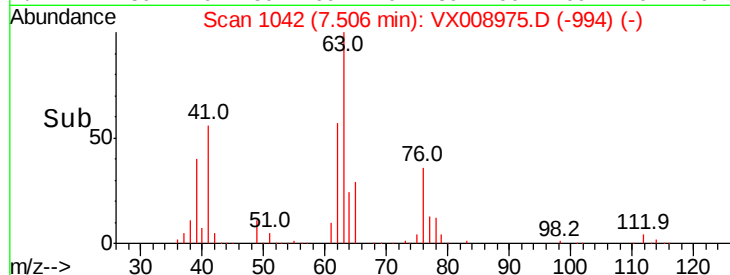
40000

20000

0

Time-->

7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 50.396 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

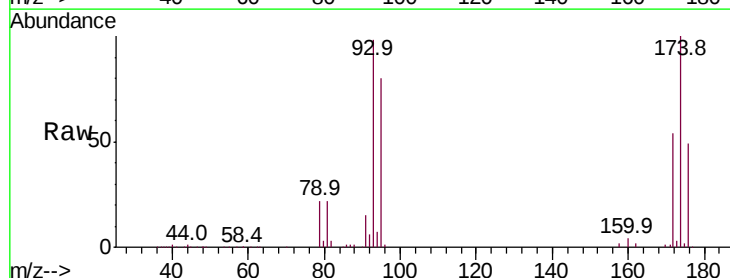
Tgt Ion: 93 Resp: 88028

Ion Ratio Lower Upper

93 100

95 83.6 67.0 100.4

174 102.3 81.6 122.4



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

60000

50000

40000

30000

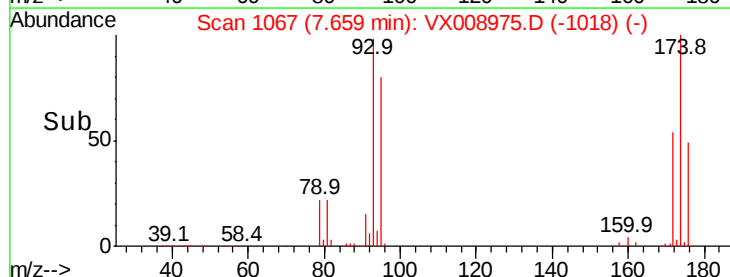
20000

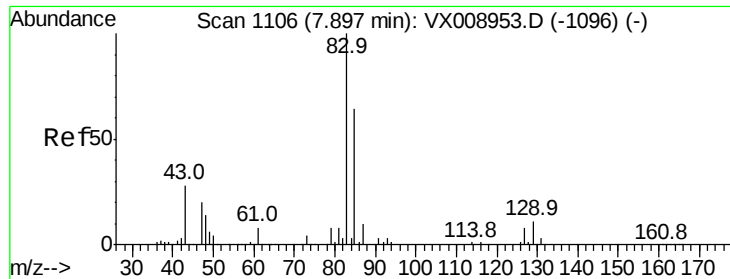
10000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 52.461 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

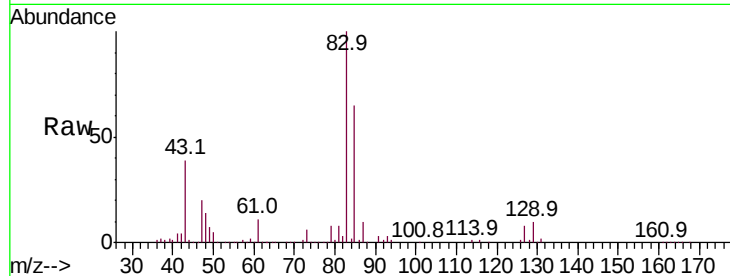
ClientSampleId :

VSTDCCC050

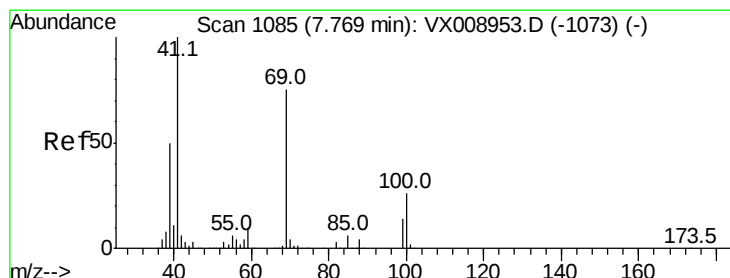
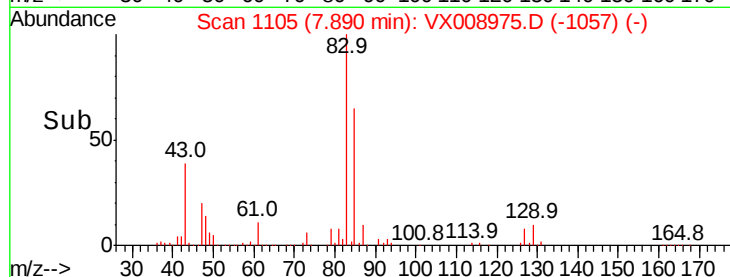
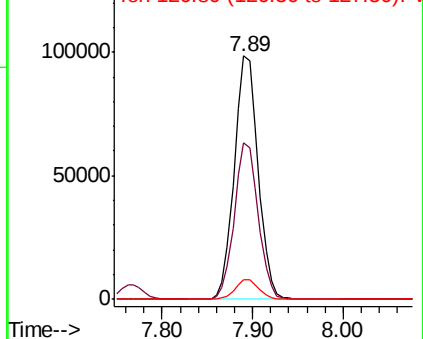
Tot Ion:	83	Resp:	179729
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.8	76.2
127	8.1	6.4	9.6

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.472 ug/l

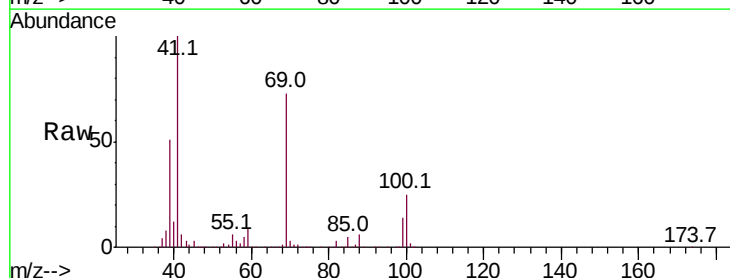
RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

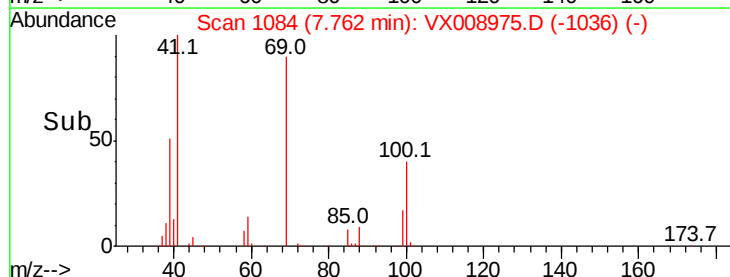
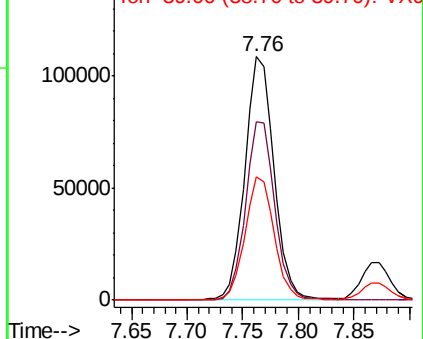
Lab File: VX008975.D

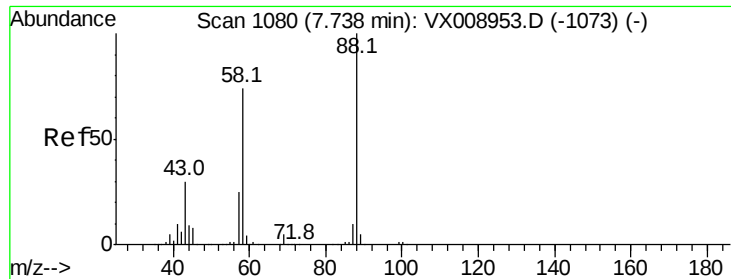
Acq: 16 Apr 2019 09:58

Tgt Ion:	41	Resp:	197162
Ion Ratio	Lower	Upper	
41	100		
69	74.2	59.4	89.2
39	50.6	39.8	59.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





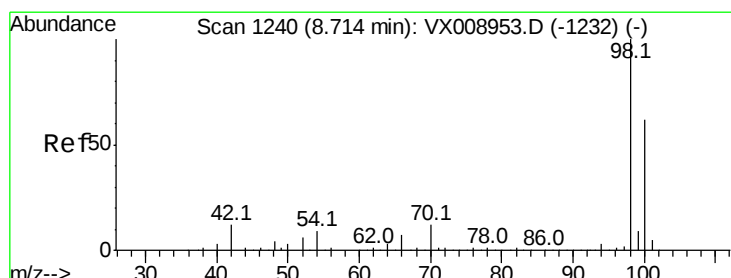
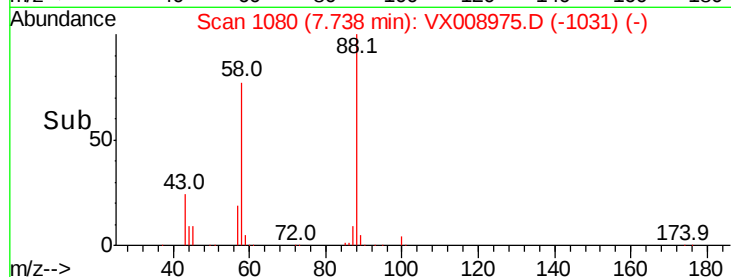
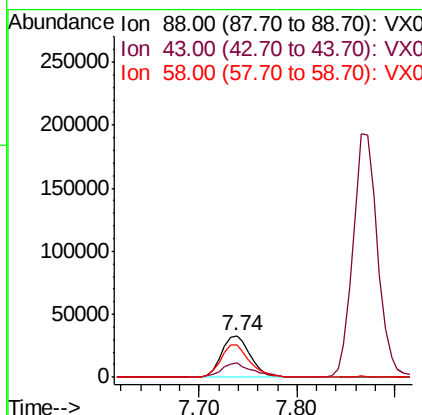
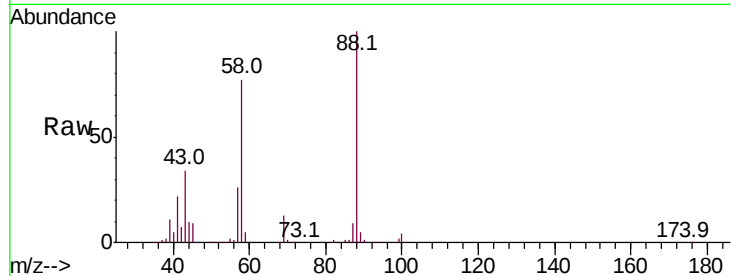
#49
1,4-Dioxane
Concen: 955.629 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	29.3	43.9
58	79.1	62.6	93.8

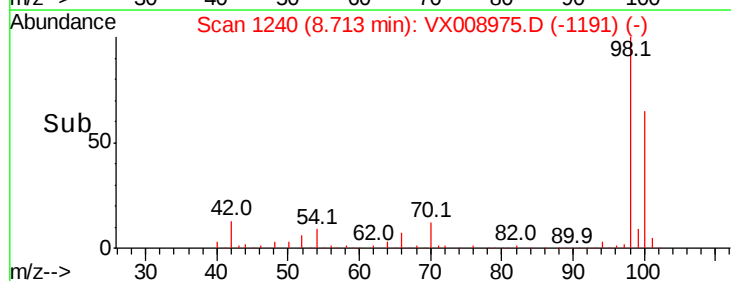
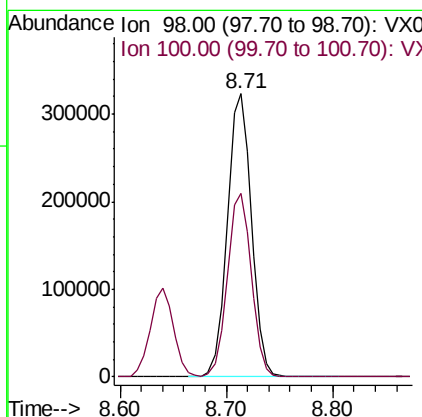
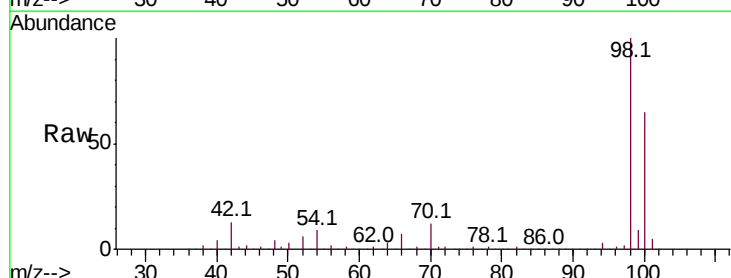
Manual Integrations
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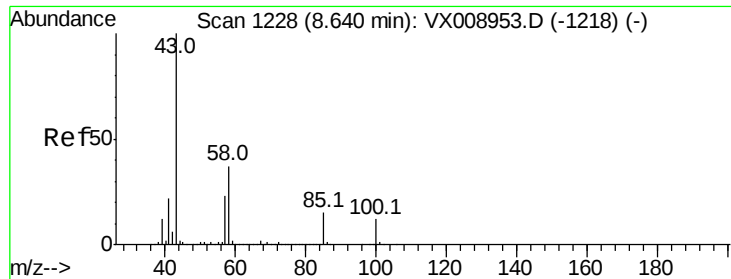
MMDadoda
4/17/2019 9:58:39 AM



#50
Toluene-d8
Concen: 56.359 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 259.766 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1258482

Ion Ratio Lower Upper

43 100

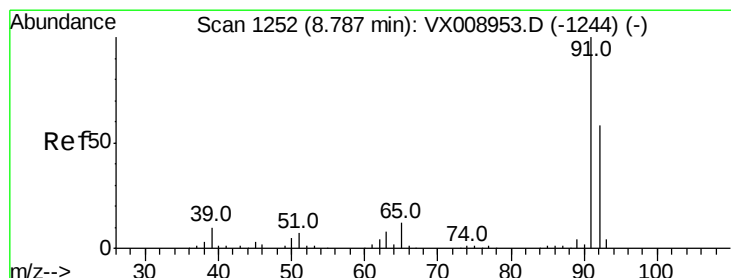
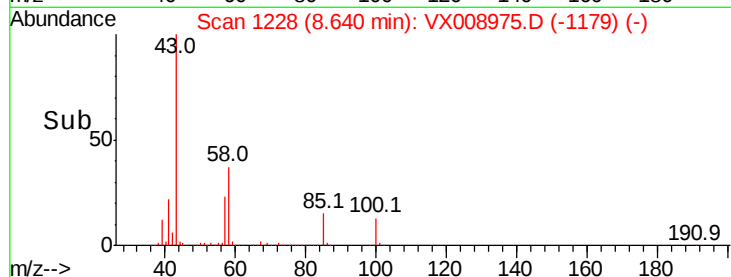
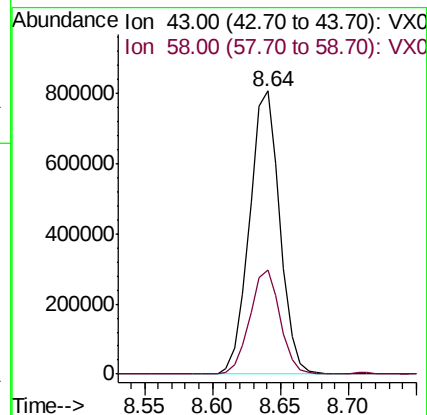
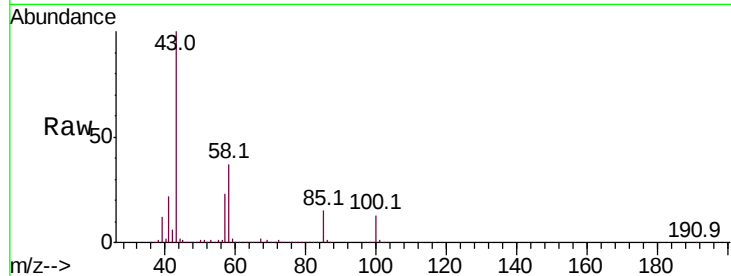
58 36.8 29.8 44.6

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#52

Toluene

Concen: 52.182 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008975.D

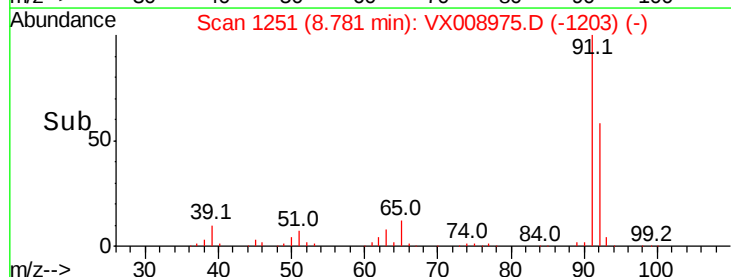
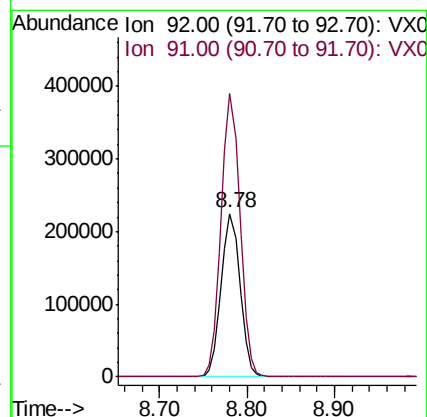
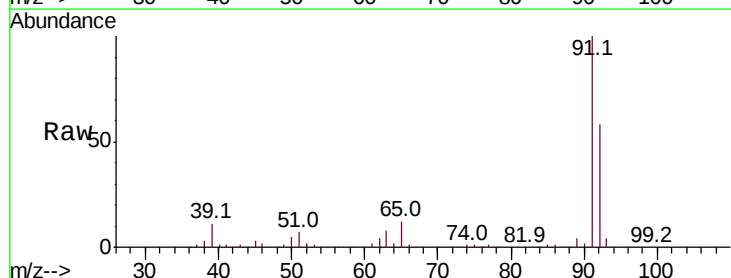
Acq: 16 Apr 2019 09:58

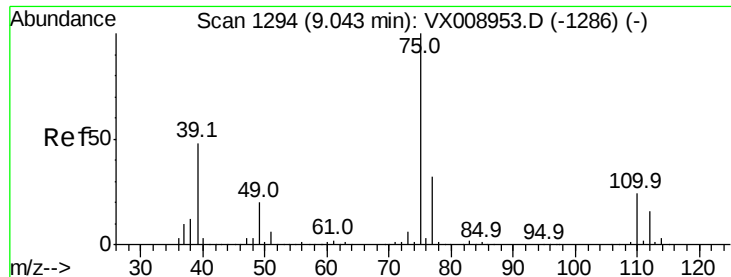
Tgt Ion: 92 Resp: 338340

Ion Ratio Lower Upper

92 100

91 173.2 138.5 207.7





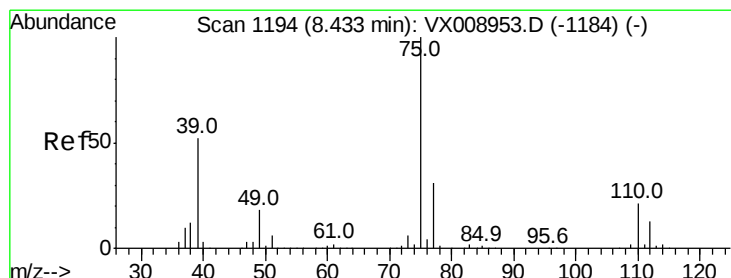
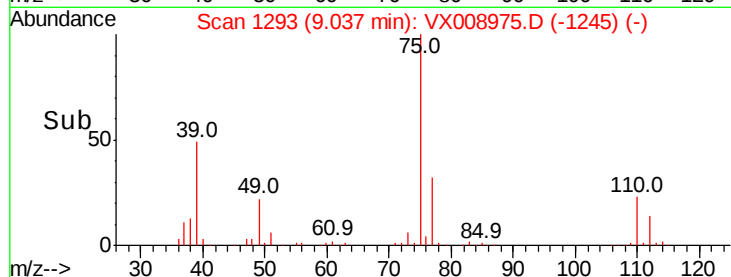
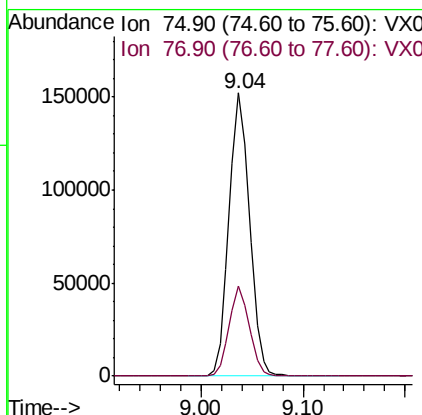
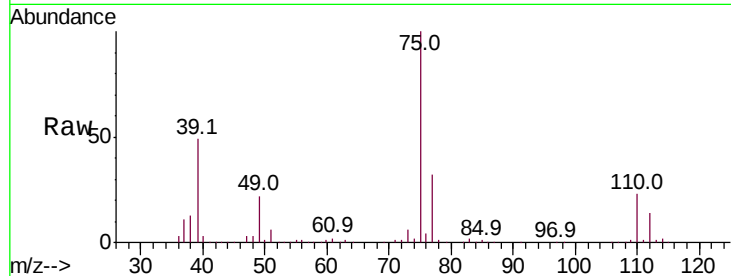
#53
 t-1,3-Dichloropropene
 Concen: 54.150 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 213503
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2

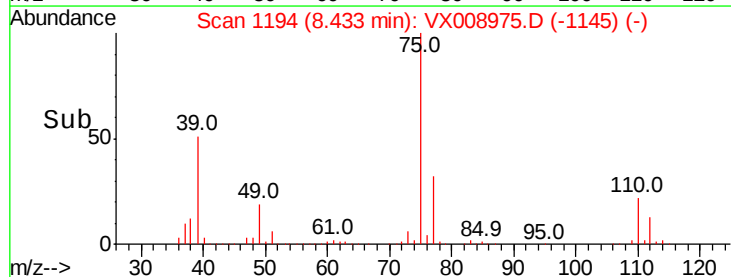
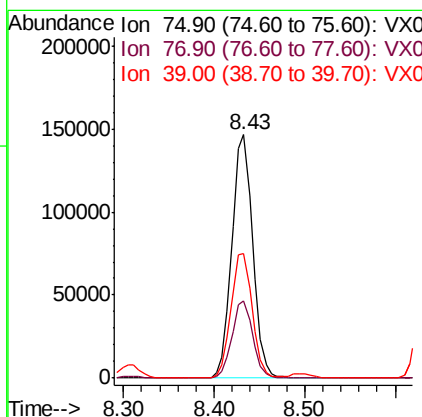
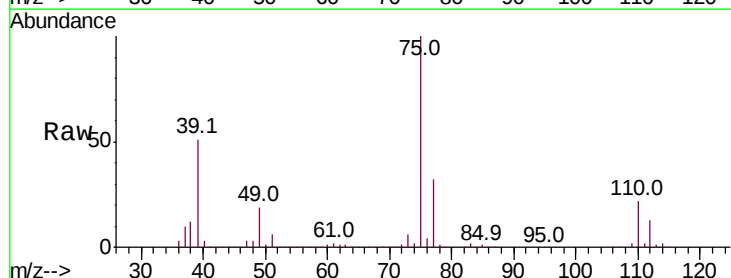
Manual Integrations
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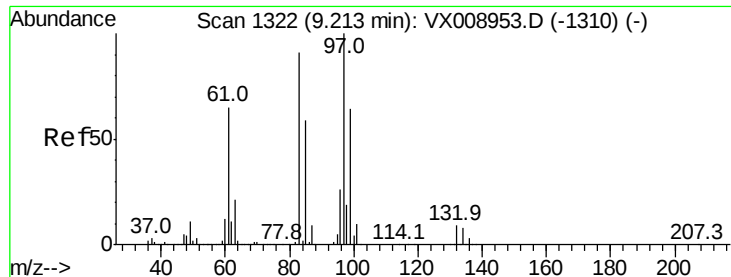
MMDadoda
 4/17/2019 9:58:39 AM



#54
 cis-1,3-Dichloropropene
 Concen: 53.095 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion: 75 Resp: 234406
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2
 39 51.1 41.8 62.6





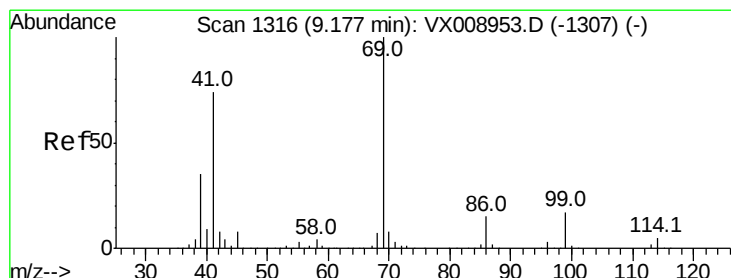
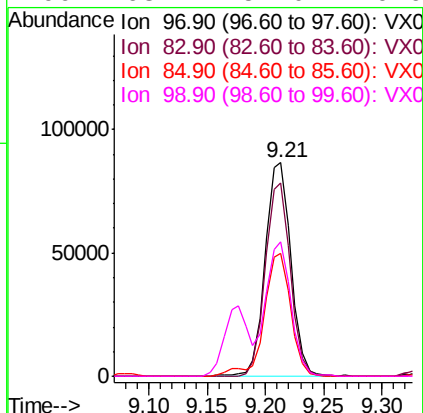
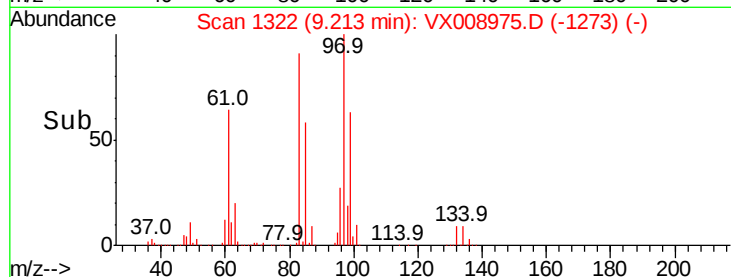
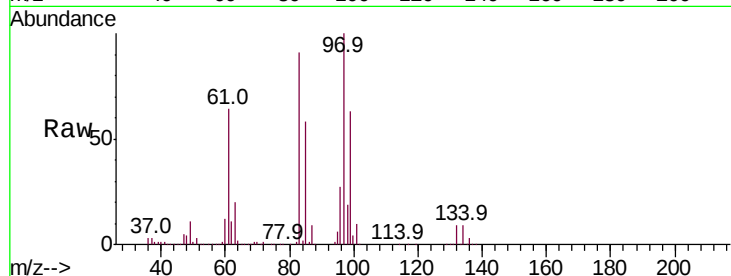
#55
 1,1,2-Trichloroethane
 Concen: 51.892 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	133348		
83	90.8	72.6	108.8	
85	57.5	46.9	70.3	
99	63.2	51.0	76.6	

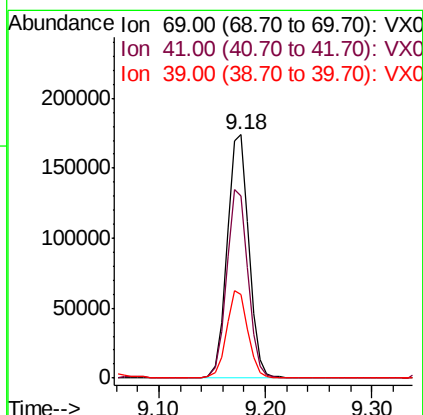
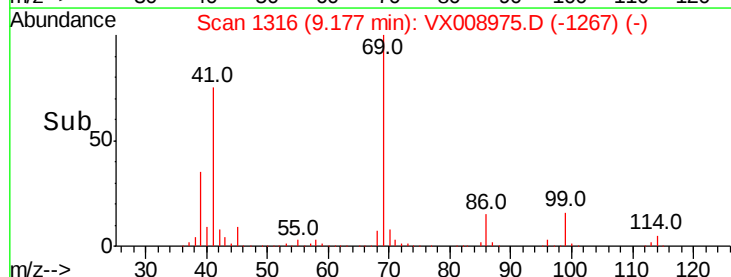
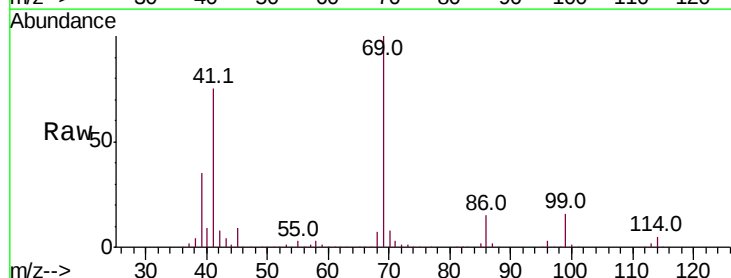
Manual Integrations
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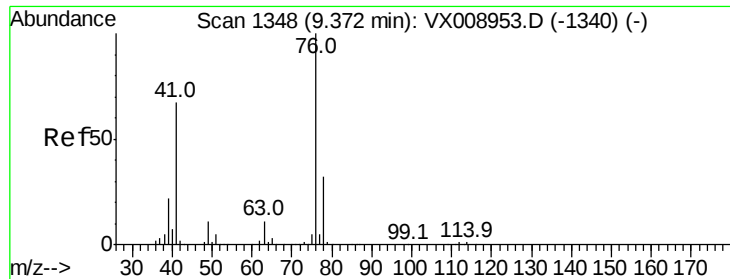
MMDadoda
 4/17/2019 9:58:39 AM



#56
 Ethyl methacrylate
 Concen: 53.910 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	248405		
41	75.9	60.2	90.2	
39	35.1	27.9	41.9	





#57

1,3-Dichloropropane

Concen: 51.721 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 236642

Ion Ratio Lower Upper

76 100

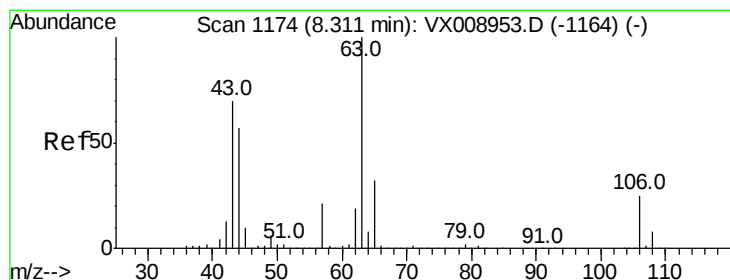
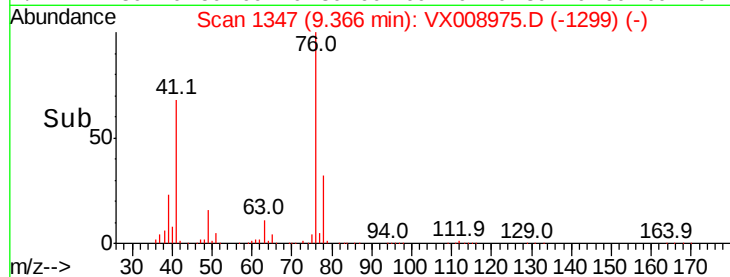
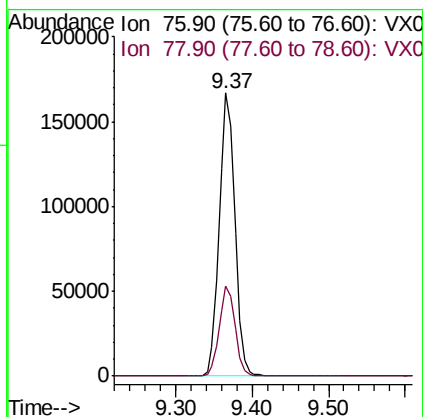
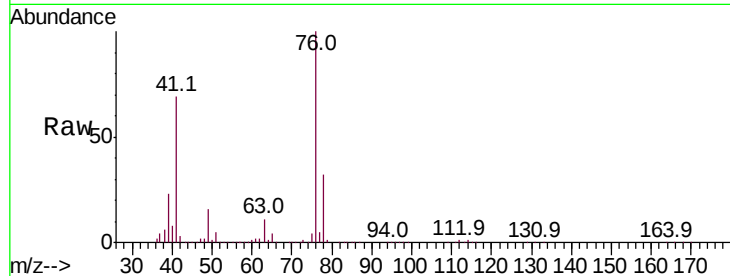
78 32.1 25.7 38.5

Manual Integrations

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4/17/2019 9:58:39 AM



#58

2-Chloroethyl Vinyl ether

Concen: 266.054 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008975.D

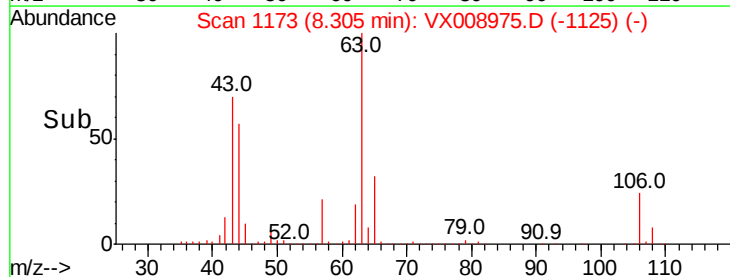
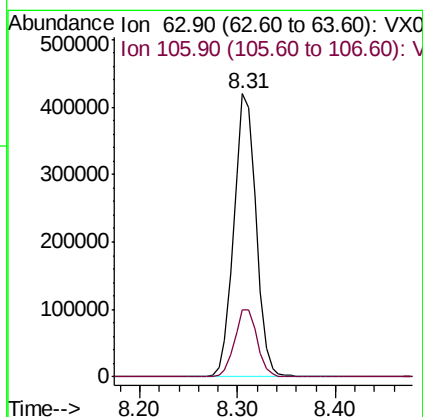
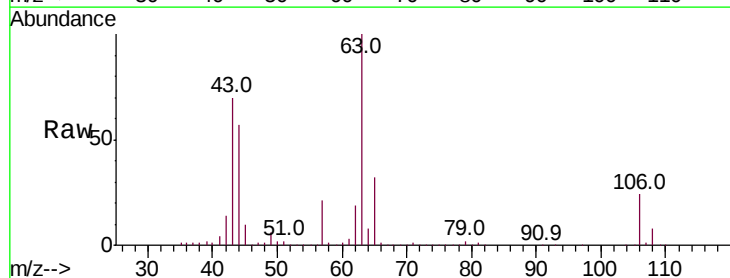
Acq: 16 Apr 2019 09:58

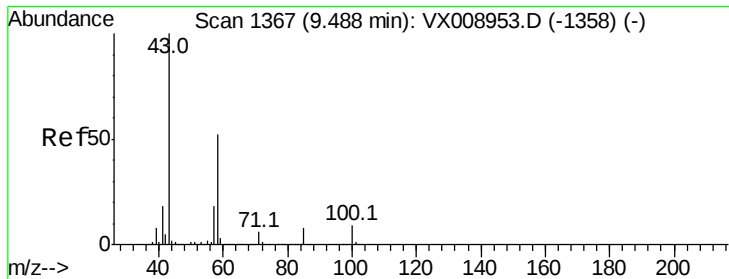
Tgt Ion: 63 Resp: 660156

Ion Ratio Lower Upper

63 100

106 24.3 19.8 29.6





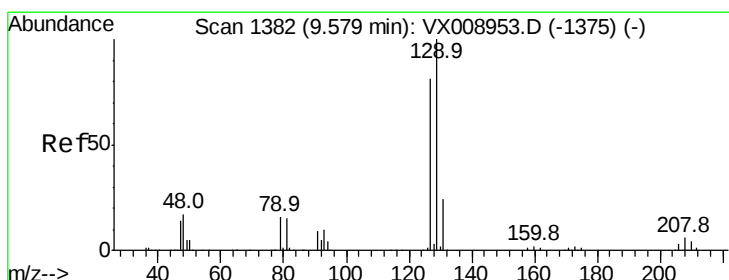
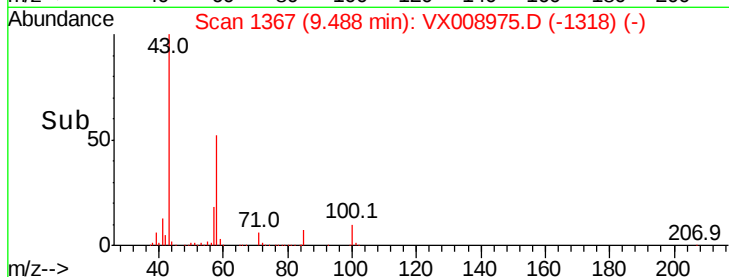
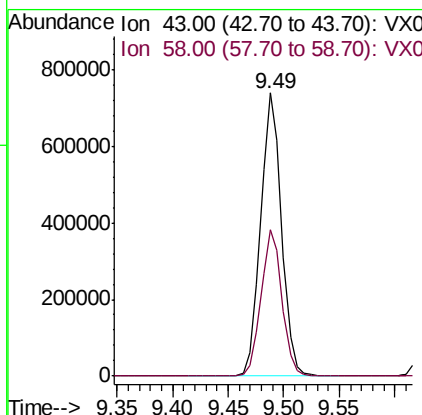
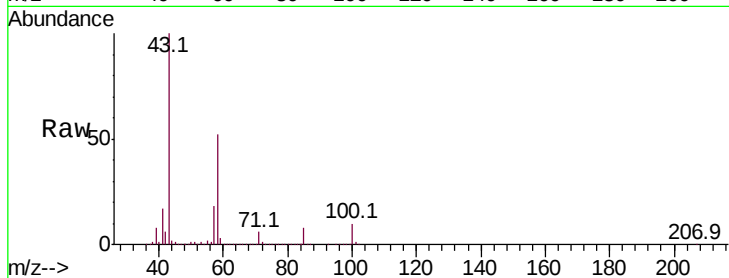
#59
2-Hexanone
Concen: 260.087 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 971465
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8

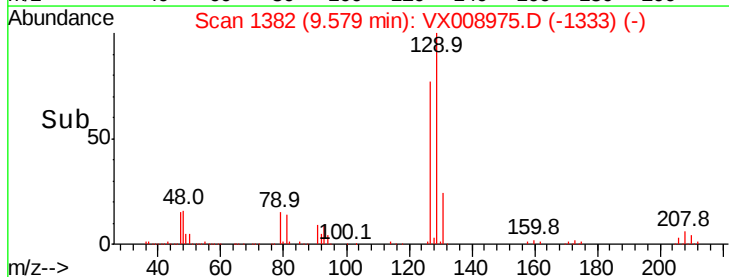
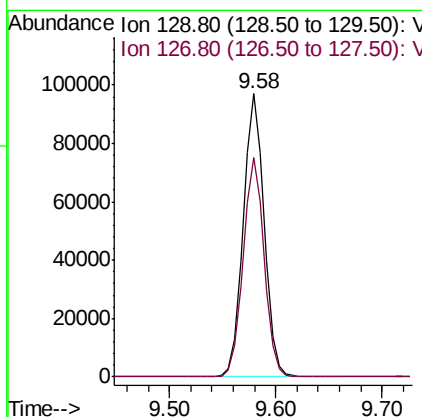
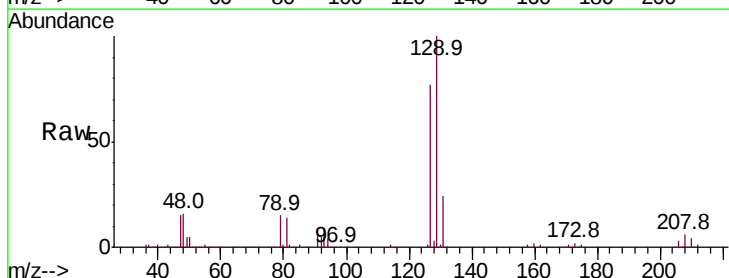
Manual Integrations
APPROVED

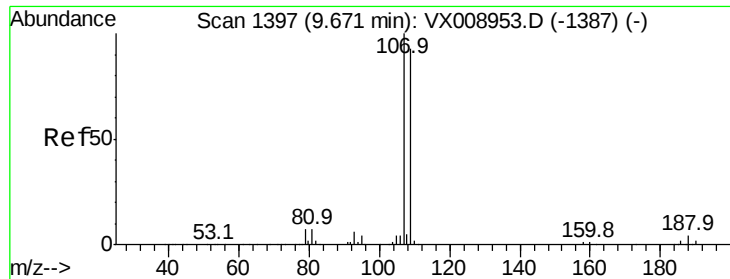
MMDadoda
4/17/2019 9:58:39 AM



#60
Dibromochloromethane
Concen: 54.337 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion: 129 Resp: 133825
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.913 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 137683

Ion Ratio Lower Upper

107 100

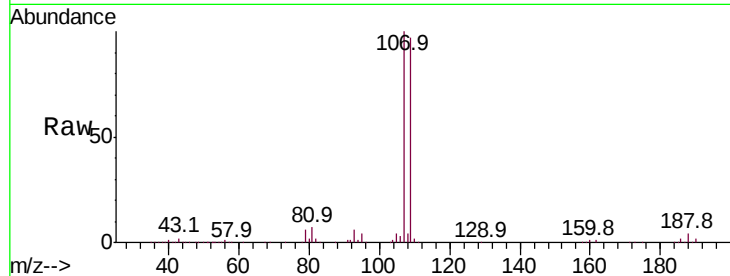
109 94.5 74.4 111.6

Manual Integrations

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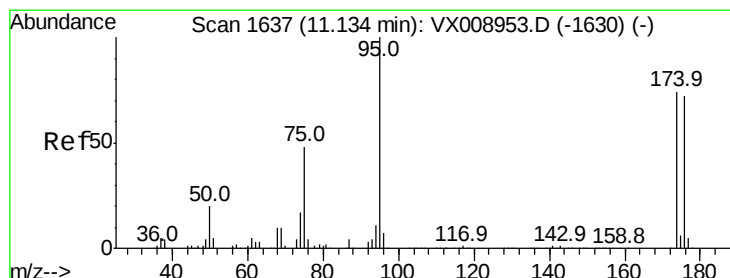
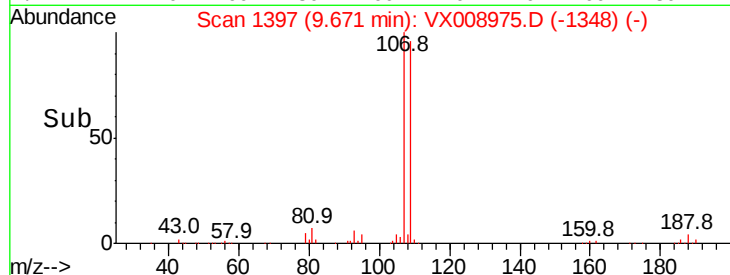
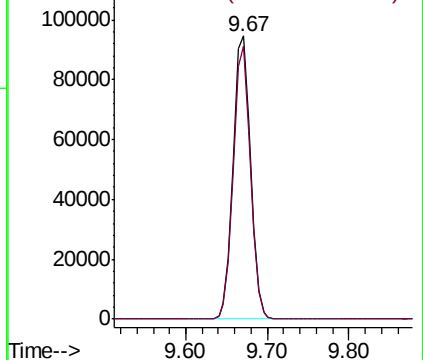
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.093 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

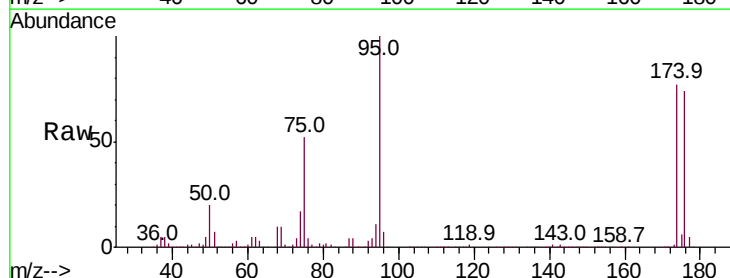
Tgt Ion: 95 Resp: 186112

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.6

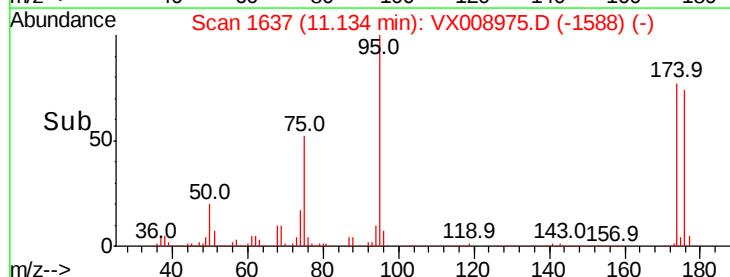
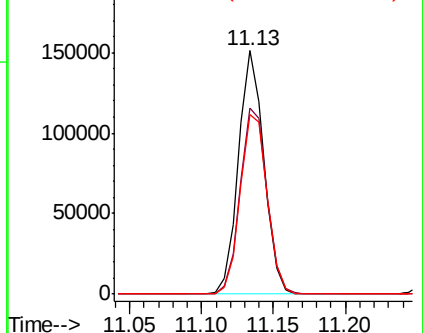
176 77.6 0.0 154.8

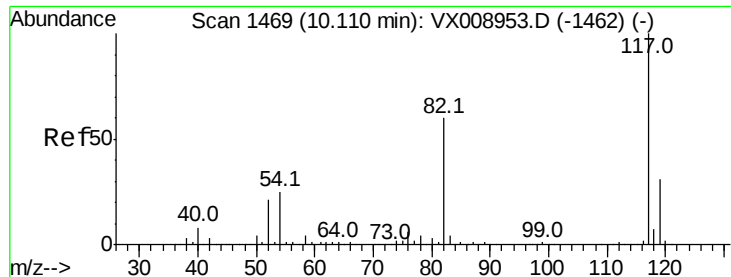


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





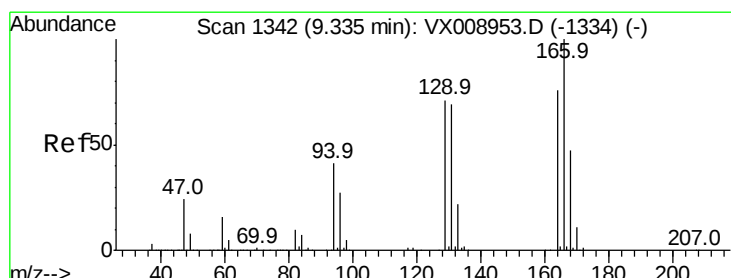
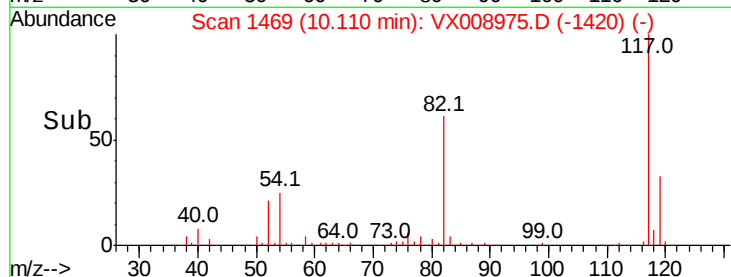
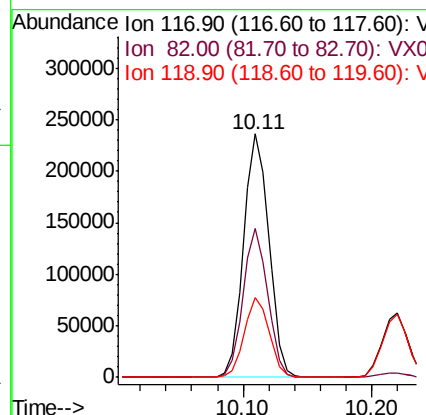
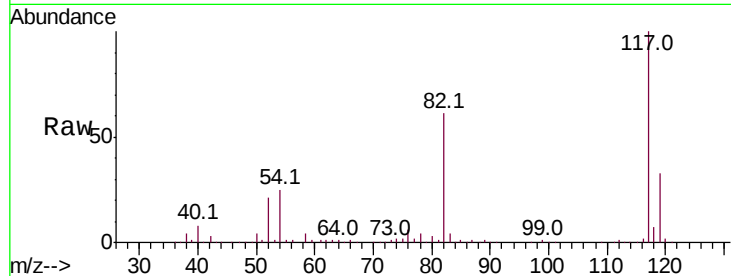
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	48.2	72.4
119	32.9	25.0	37.6

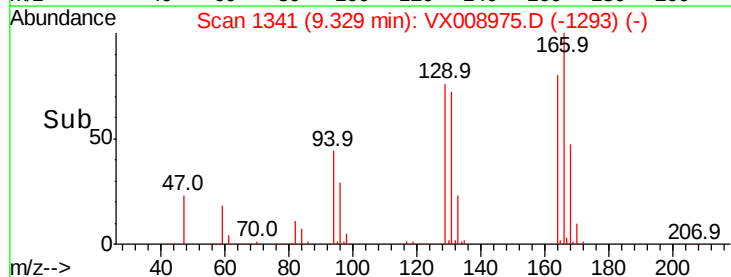
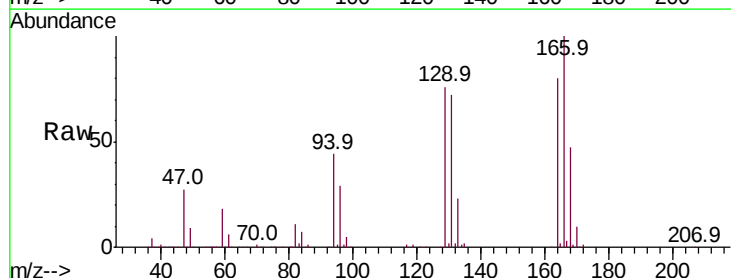
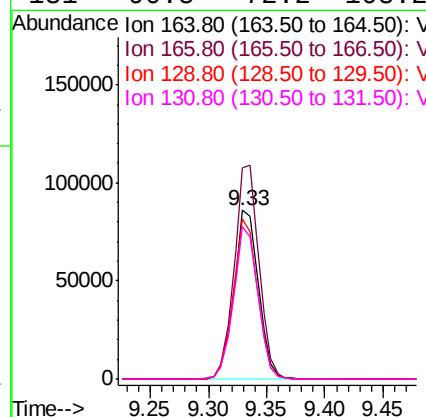
Manual Integrations
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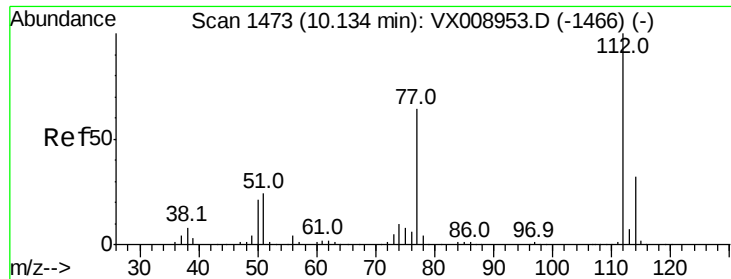
MMDadoda
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#64
Tetrachloroethene
Concen: 51.946 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	105.0	157.4
129	94.8	74.2	111.4
131	90.5	72.2	108.2





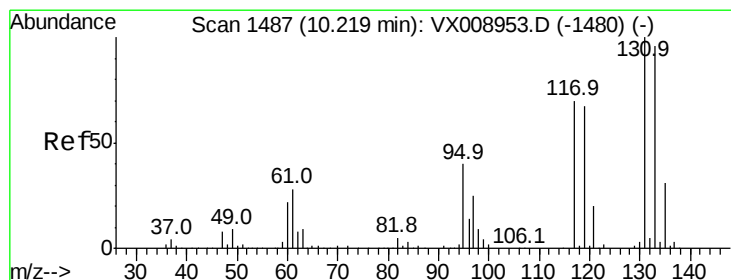
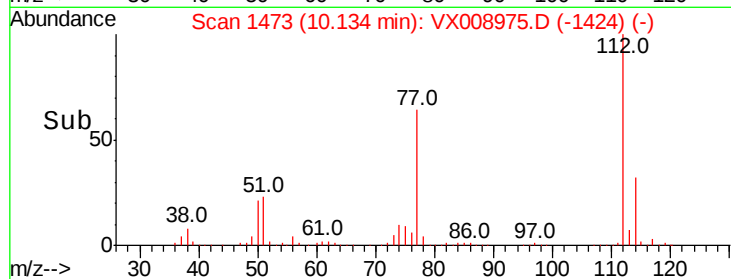
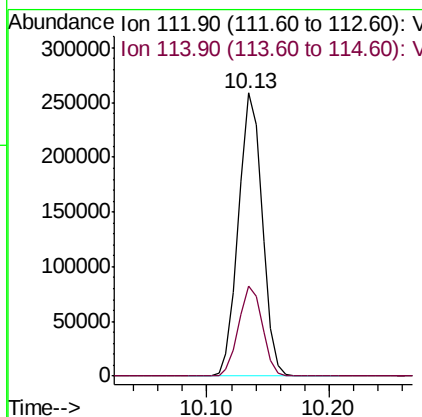
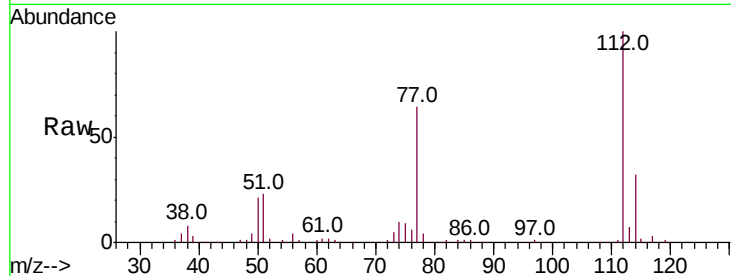
#65
Chlorobenzene
Concen: 51.362 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 346612
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

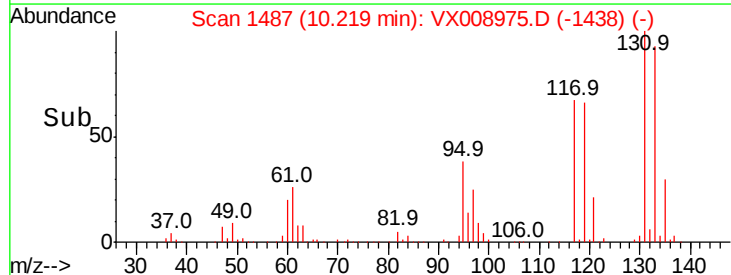
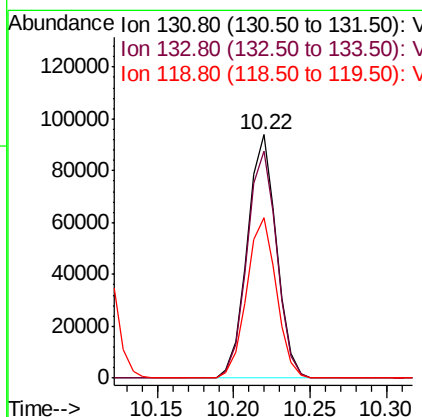
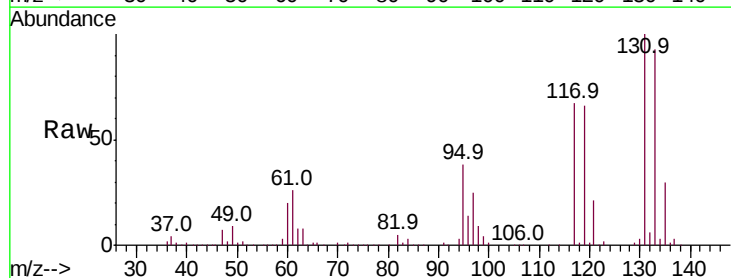
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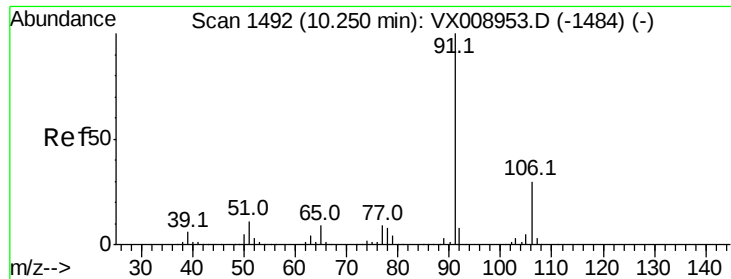
MMDadoda
4/17/2019 9:58:39 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.365 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion:131 Resp: 124491
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 67.1 33.7 101.1





#67

Ethyl Benzene

Concen: 53.037 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 654289

Ion Ratio Lower Upper

91 100

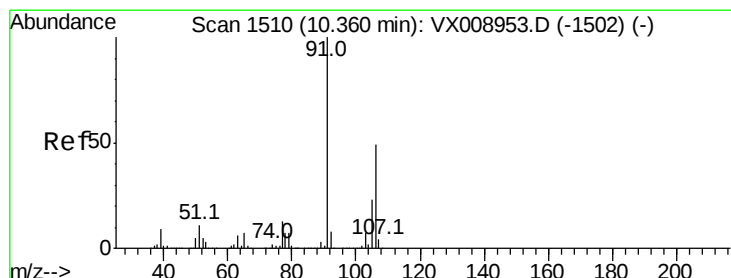
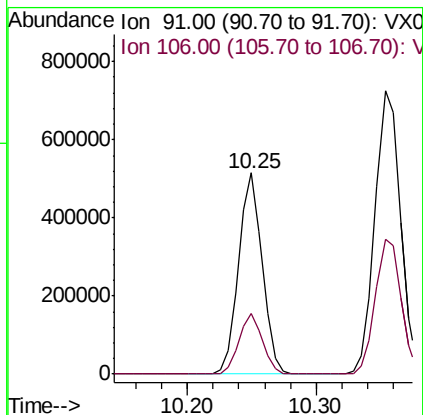
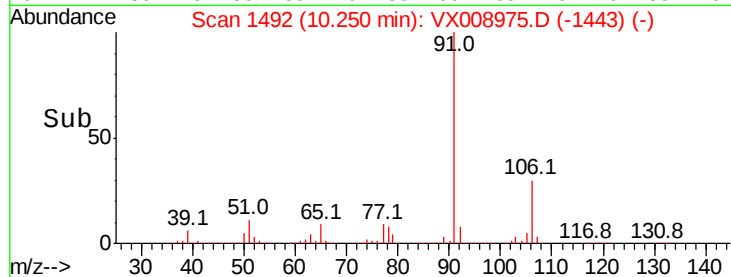
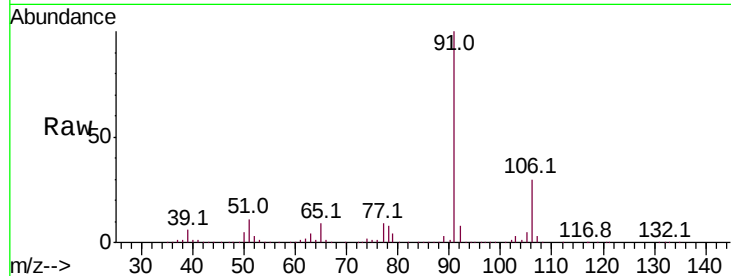
106 30.0 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.846 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008975.D

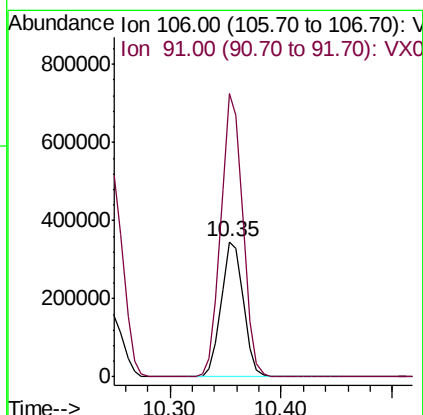
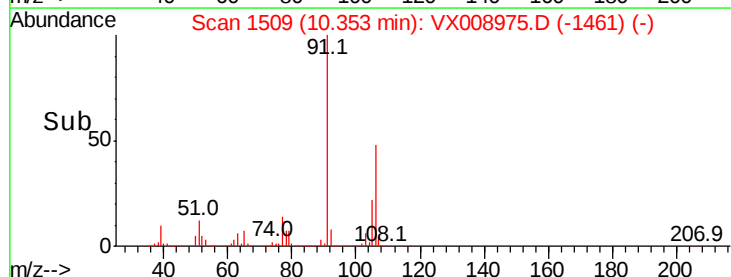
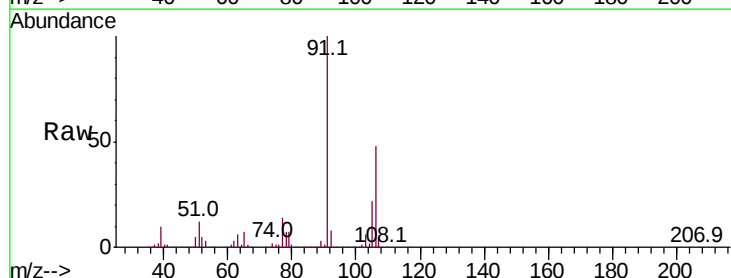
Acq: 16 Apr 2019 09:58

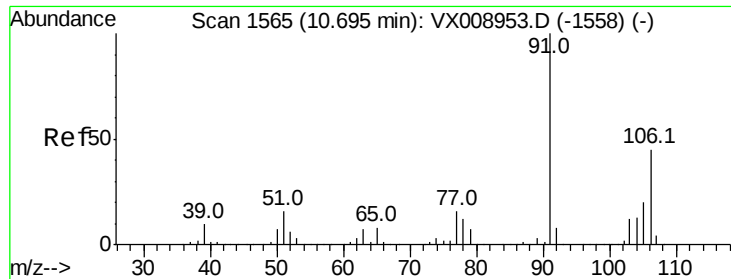
Tgt Ion: 106 Resp: 474545

Ion Ratio Lower Upper

106 100

91 208.1 165.4 248.2





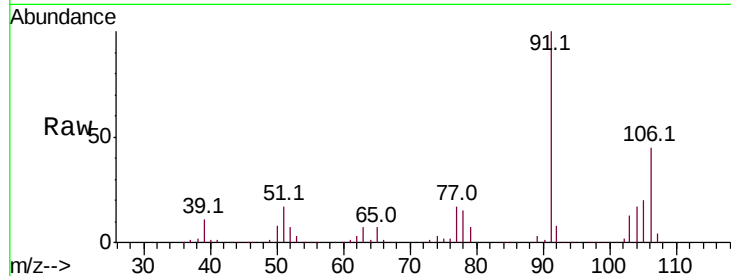
#69
o-Xylene
Concen: 52.670 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

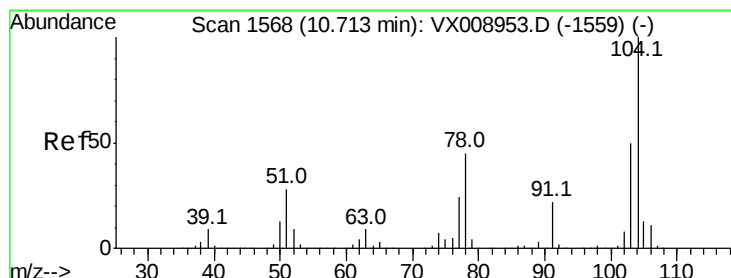
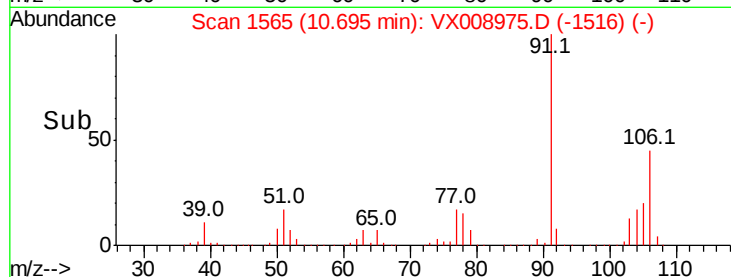
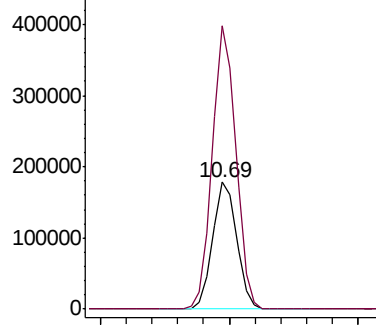
Tot Ion:106 Resp: 229767
Ion Ratio Lower Upper
106 100
91 218.9 108.9 326.7

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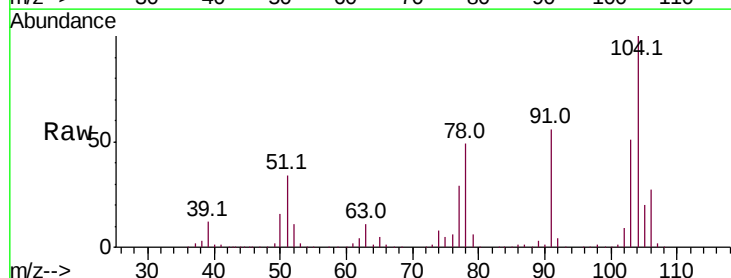


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

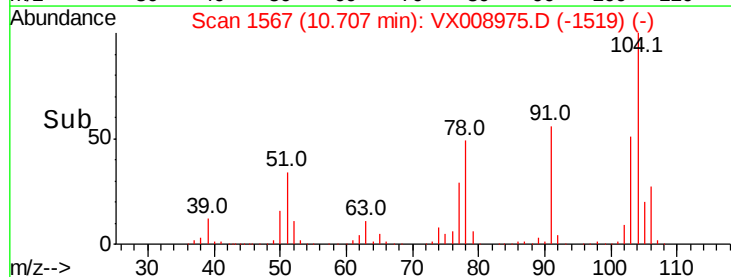
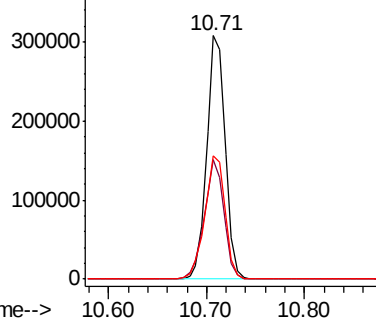


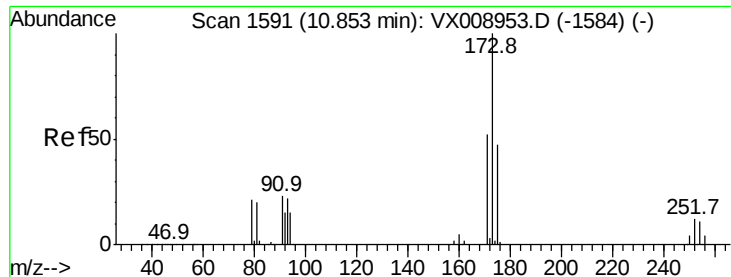
#70
Styrene
Concen: 53.325 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion:104 Resp: 403119
Ion Ratio Lower Upper
104 100
78 52.3 41.2 61.8
103 55.3 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.736 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 99883

Ion Ratio Lower Upper

173 100

175 48.1 23.9 71.8

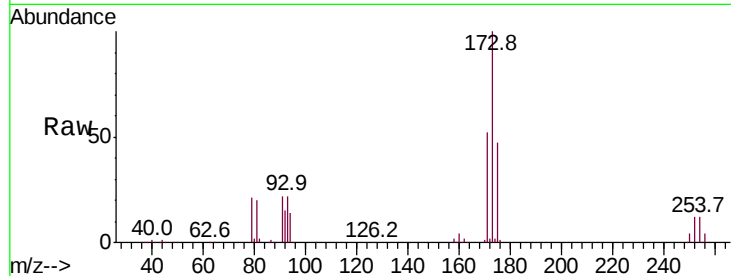
254 0.2 0.2 0.4#

Manual Integrations

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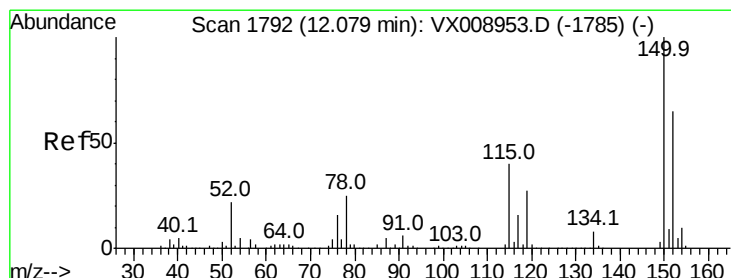
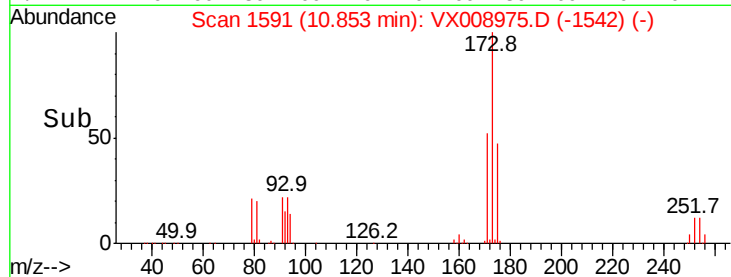
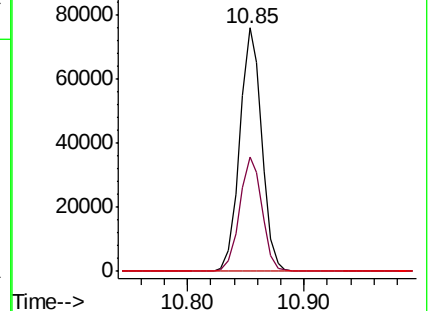
4/17/2019 9:58:39 AM



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: VX008975.D

Acq: 16 Apr 2019 09:58

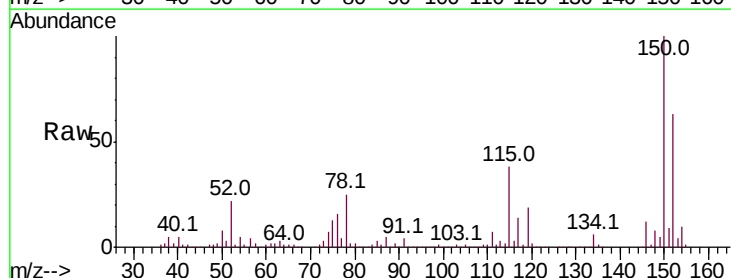
Tgt Ion:152 Resp: 154118

Ion Ratio Lower Upper

152 100

115 85.4 41.4 124.2

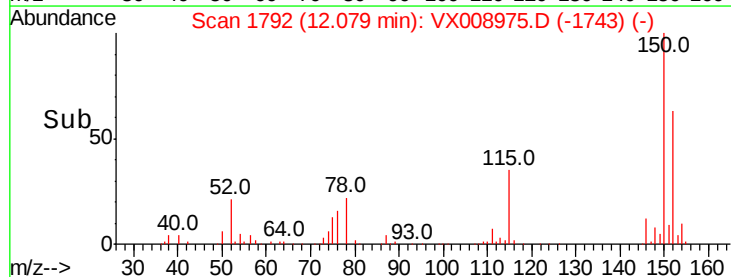
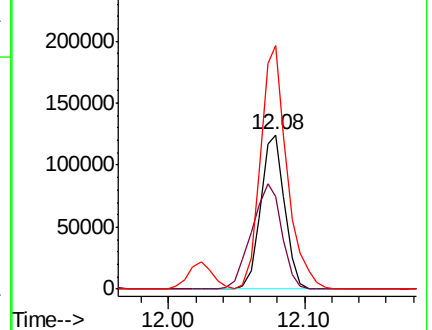
150 174.0 0.0 349.8

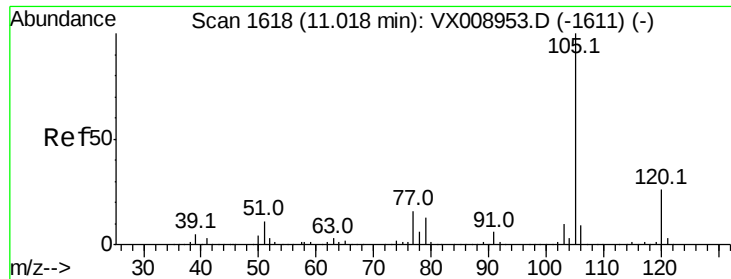


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.247 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050

Tot Ion:105 Resp: 622036

Ion Ratio Lower Upper

105 100

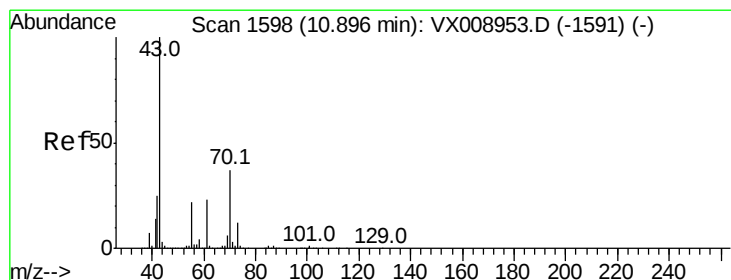
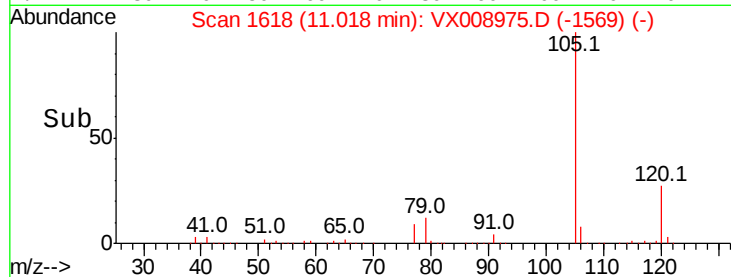
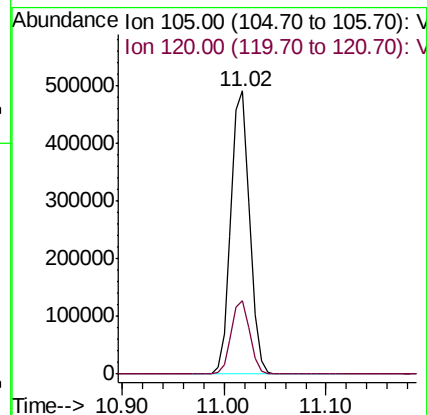
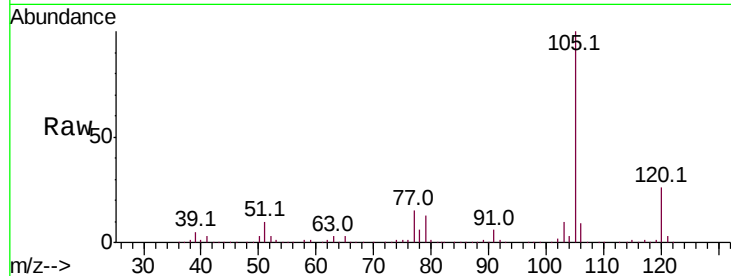
120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 51.584 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Tgt Ion: 43 Resp: 346000

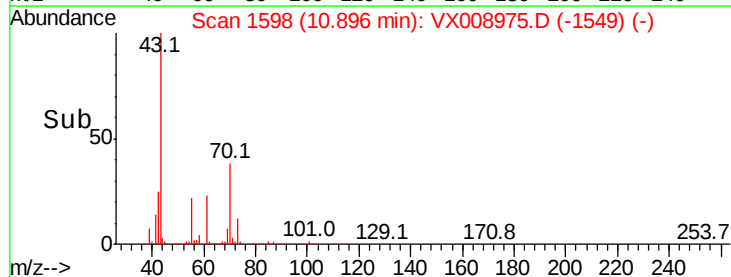
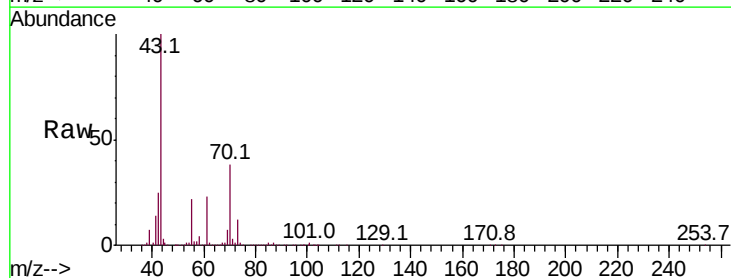
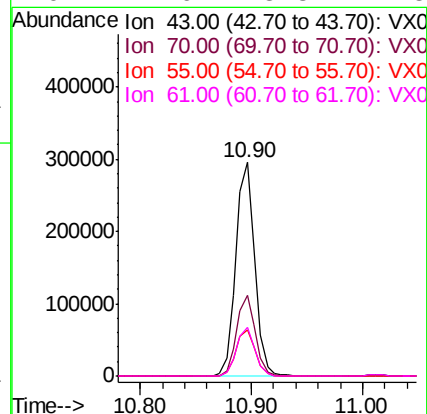
Ion Ratio Lower Upper

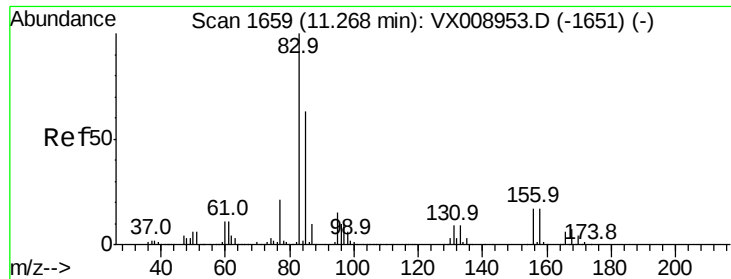
43 100

70 37.1 29.9 44.9

55 22.1 17.8 26.8

61 22.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.848 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

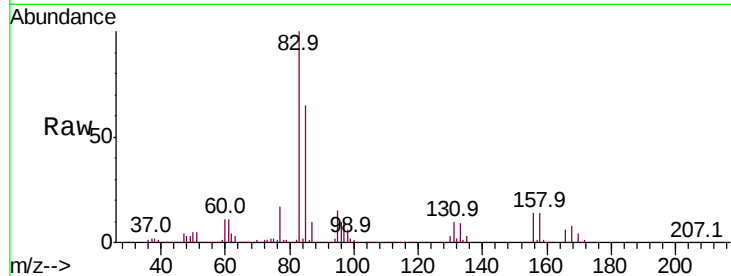
ClientSampleId :

VSTDCCC050

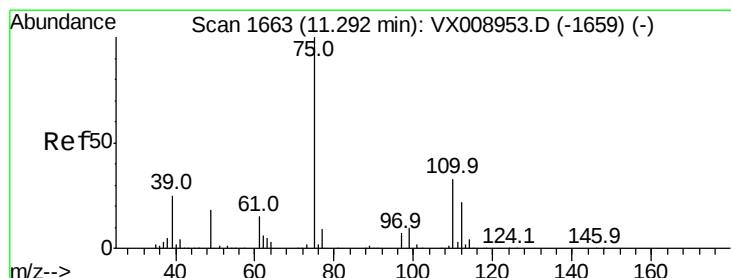
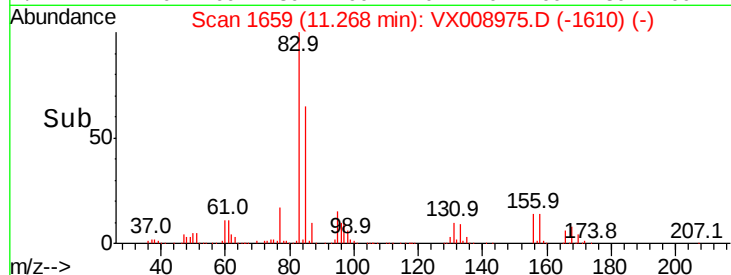
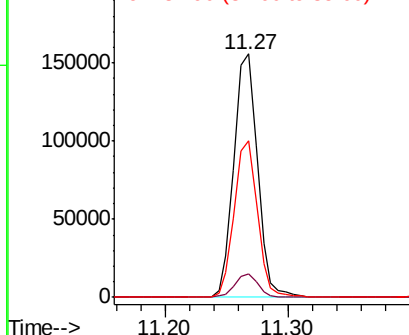
Tot Ion	83	Resp	208499
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.7	14.0
85	63.5	31.9	95.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.440 ug/l m

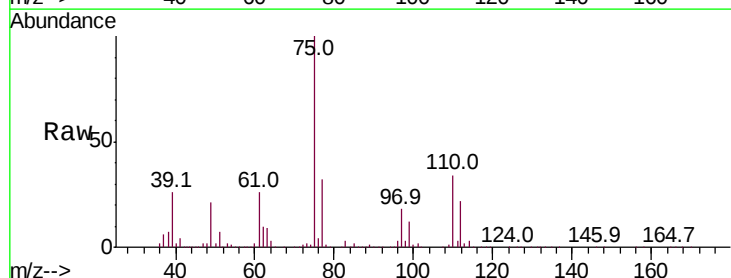
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

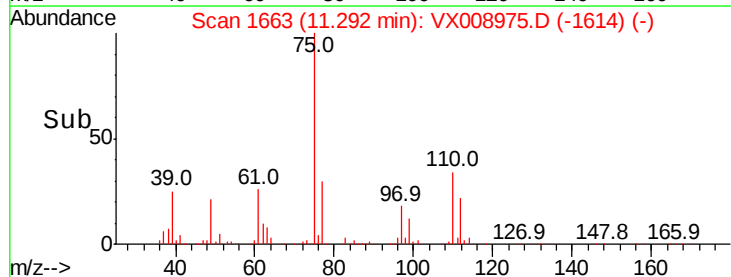
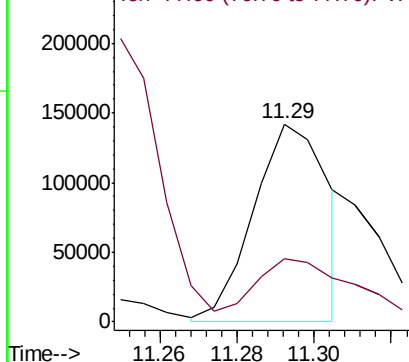
Lab File: VX008975.D

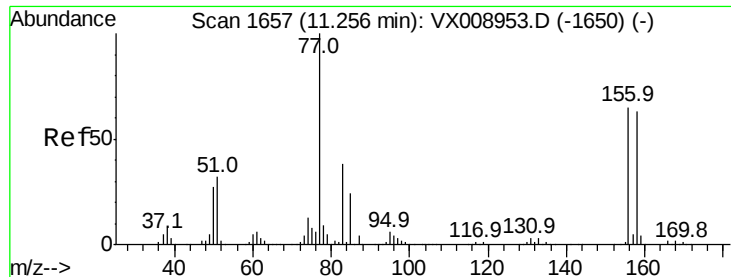
Acq: 16 Apr 2019 09:58

Tgt Ion	75	Resp	189820
Ion Ratio	Lower	Upper	
75	100		
77	43.0	22.7	68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.098 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 147660

Ion Ratio Lower Upper

156 100

77 173.9 85.4 256.1

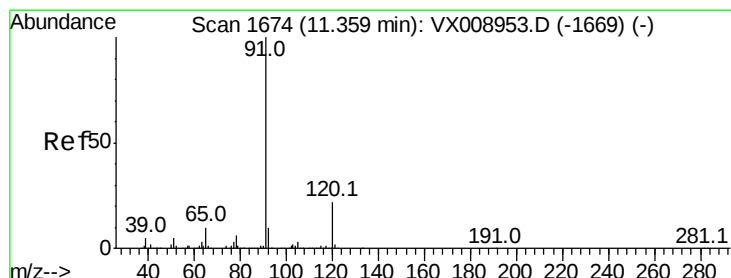
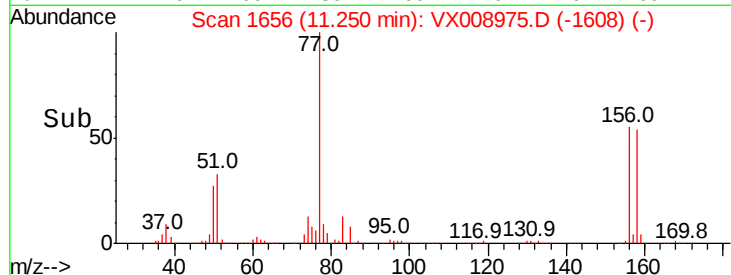
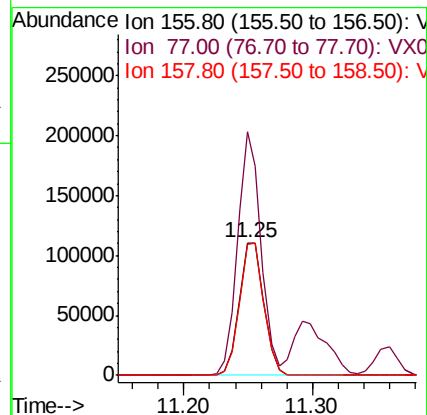
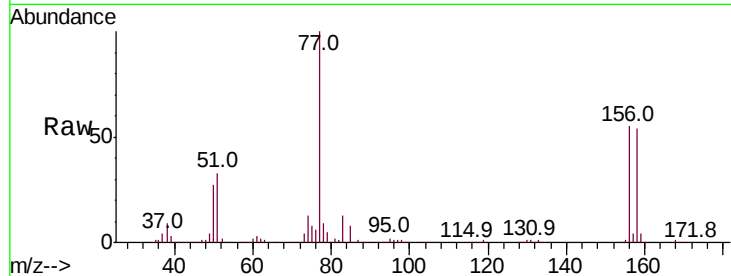
158 98.2 48.8 146.4

Manual Integrations

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#78

n-propylbenzene

Concen: 54.170 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008975.D

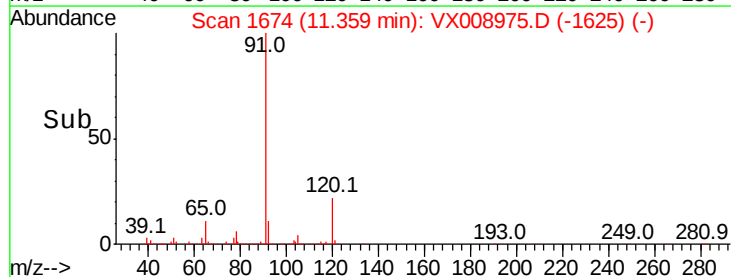
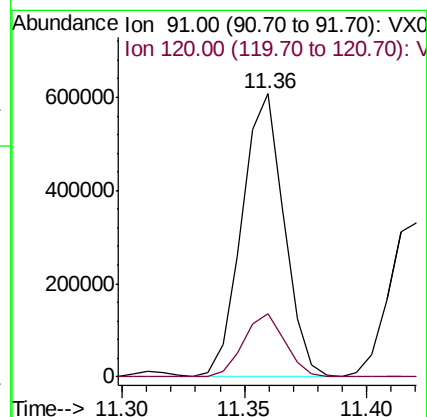
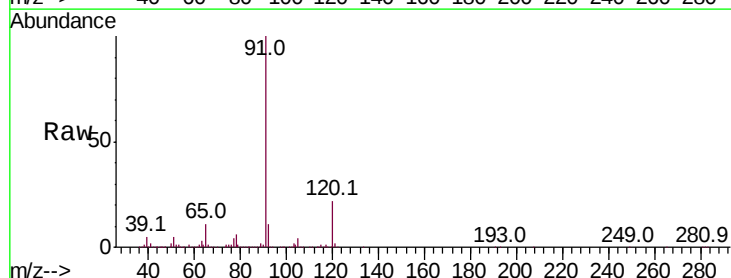
Acq: 16 Apr 2019 09:58

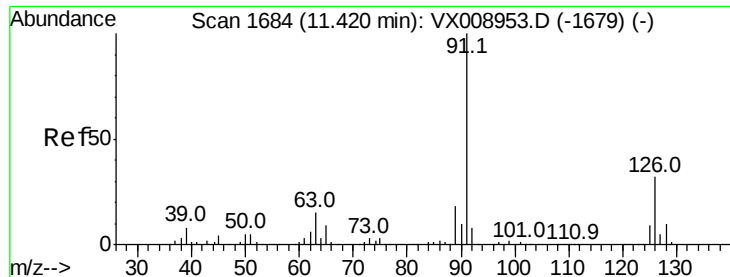
Tgt Ion: 91 Resp: 726327

Ion Ratio Lower Upper

91 100

120 22.2 10.9 32.9





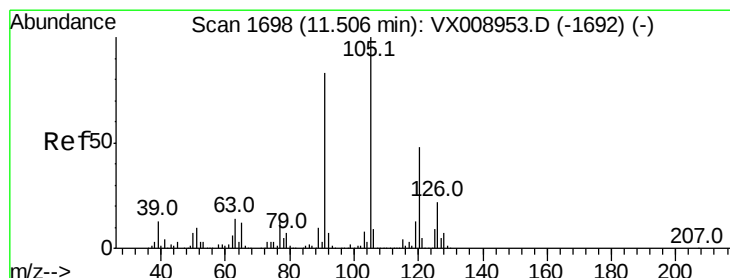
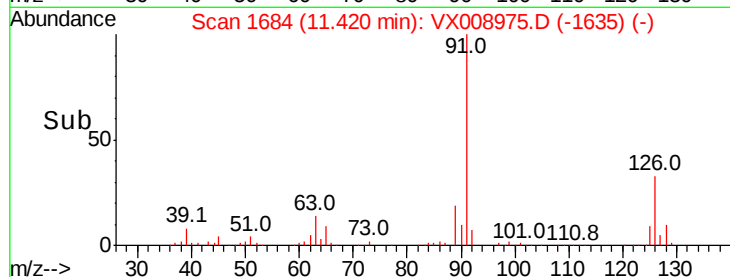
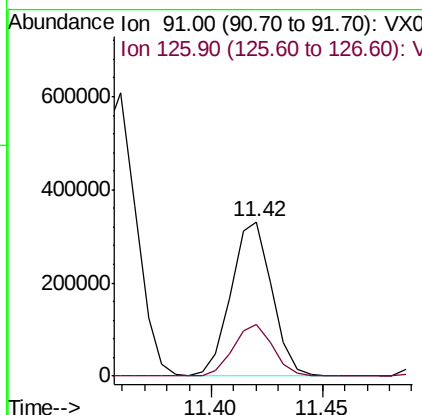
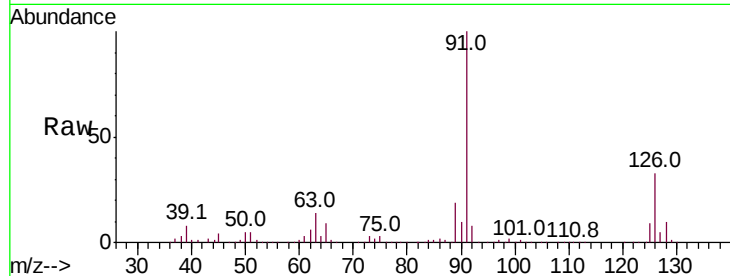
#79
 2-Chlorotoluene
 Concen: 52.286 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 422463
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.9

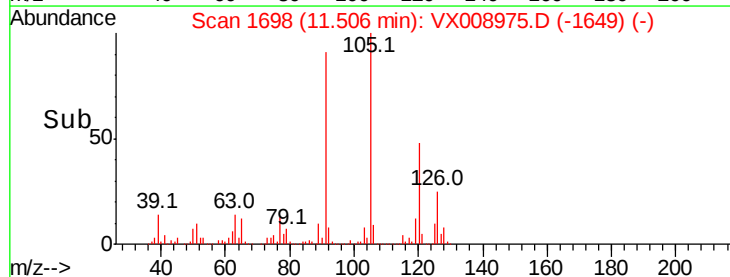
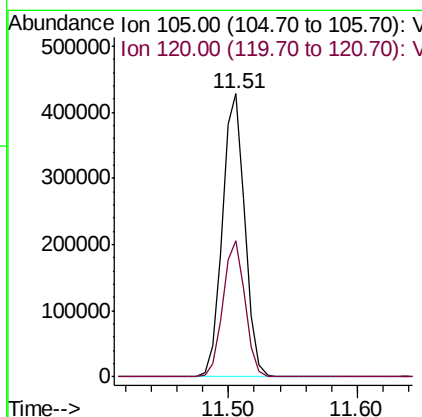
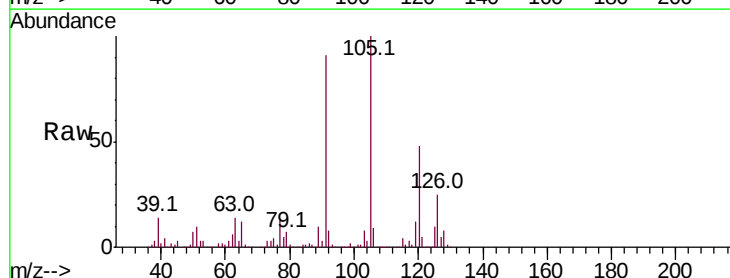
Manual Integrations
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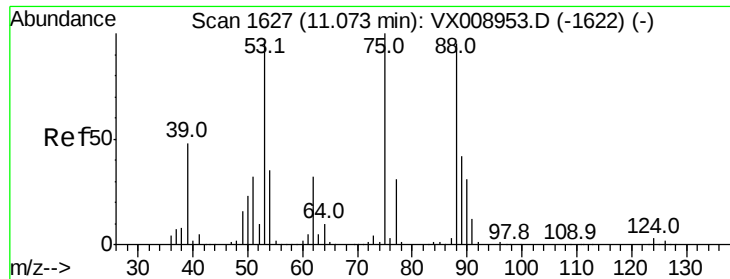
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.430 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion: 105 Resp: 523774
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 52.724 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 77286

Ion Ratio Lower Upper

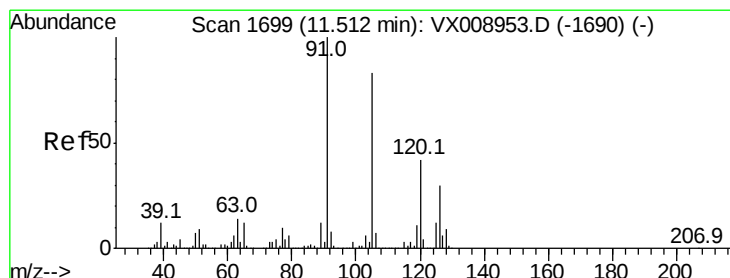
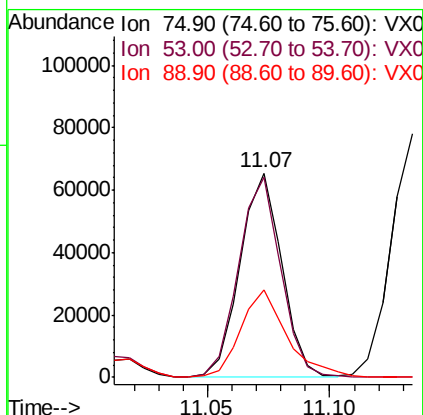
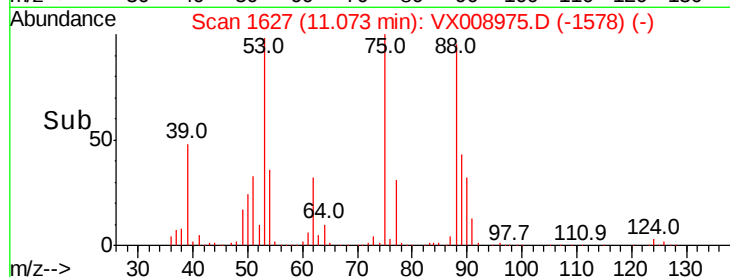
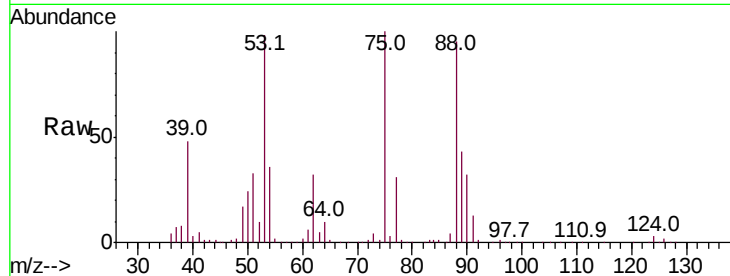
75 100

53 99.2 78.2 117.4

89 47.7 36.0 54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.397 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008975.D

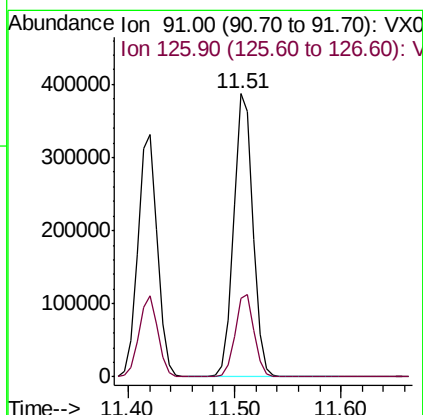
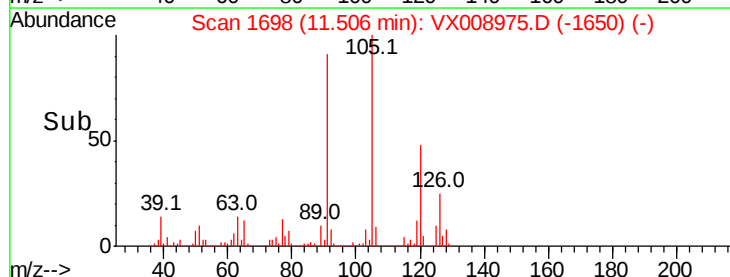
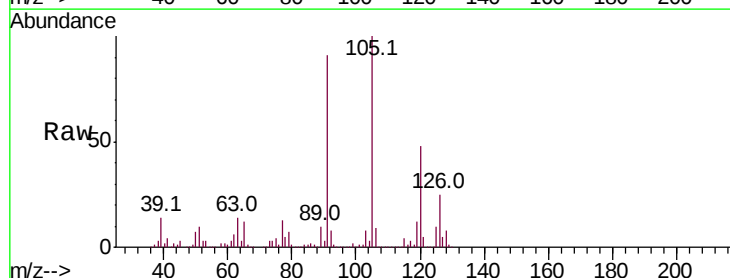
Acq: 16 Apr 2019 09:58

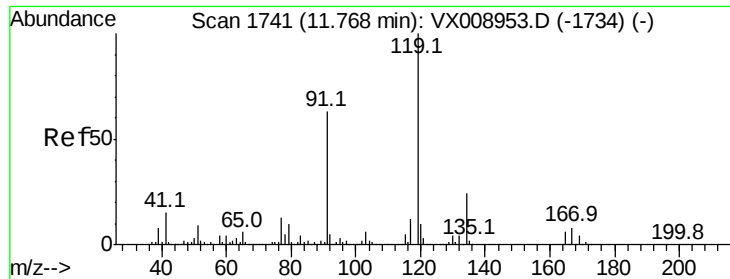
Tgt Ion: 91 Resp: 491681

Ion Ratio Lower Upper

91 100

126 28.8 14.3 42.9





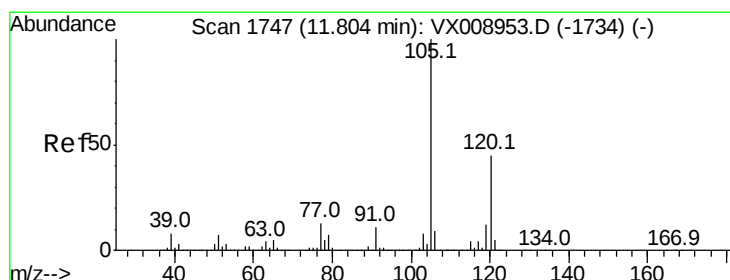
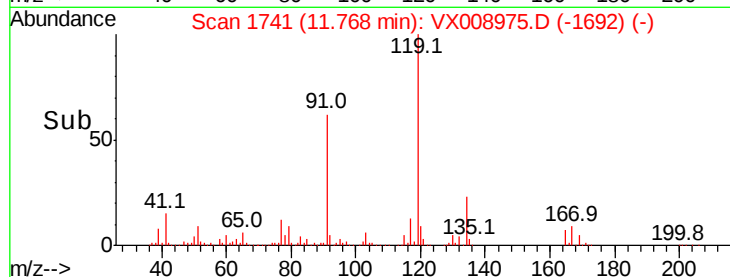
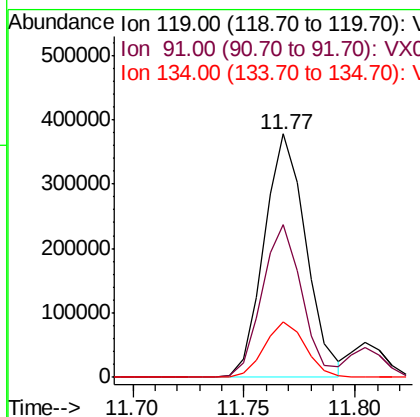
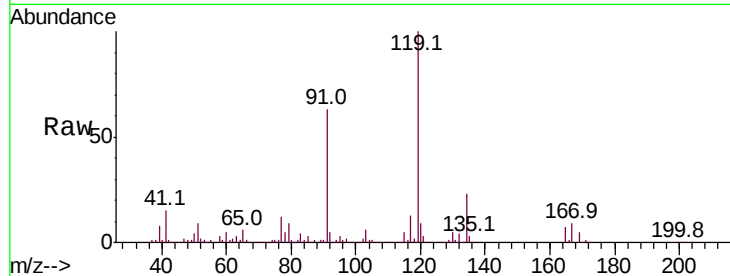
#83
tert-Butylbenzene
Concen: 52.510 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.7	89.1
134	22.1	11.2	33.5

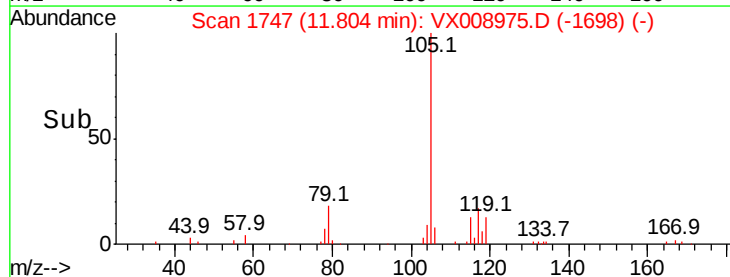
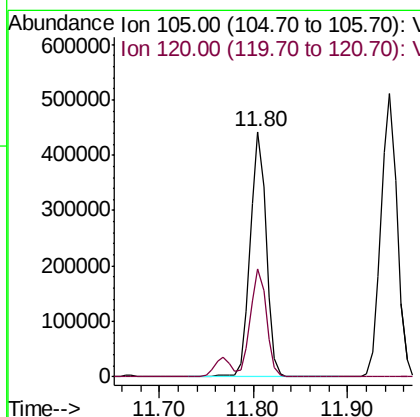
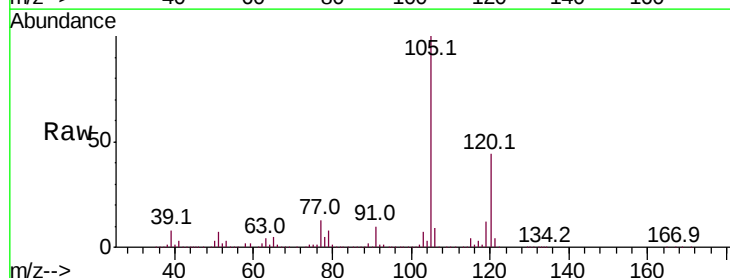
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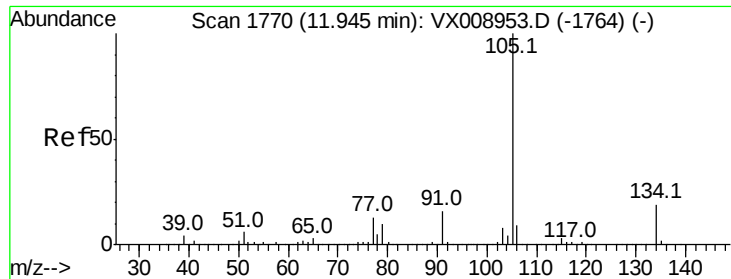
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.756 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	21.9	65.8





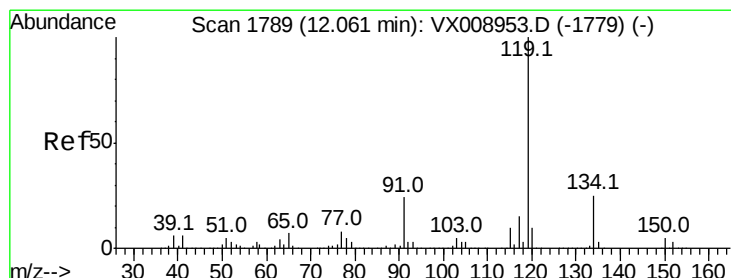
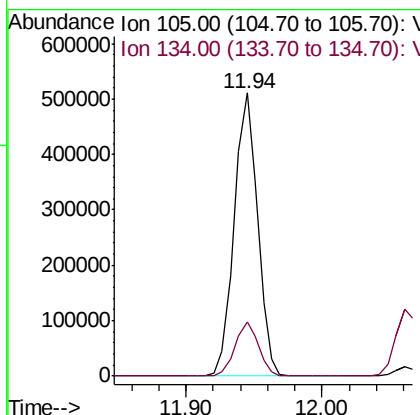
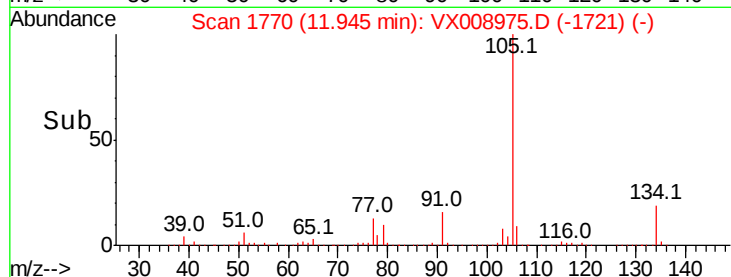
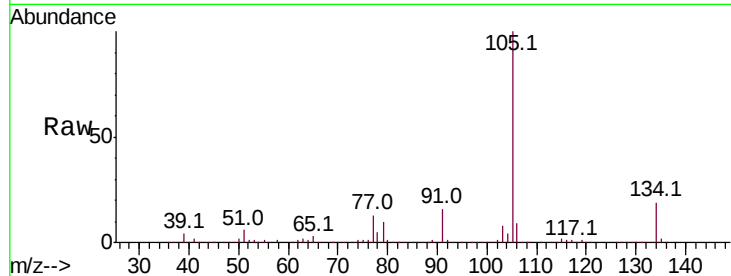
#85
 sec-Butylbenzene
 Concen: 54.511 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 611890
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6

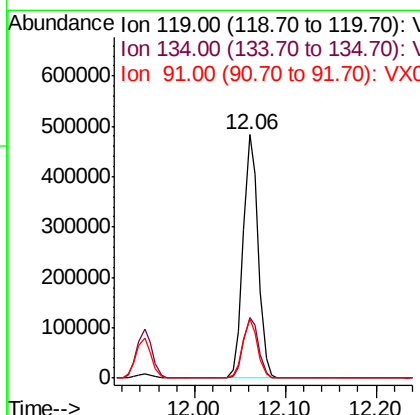
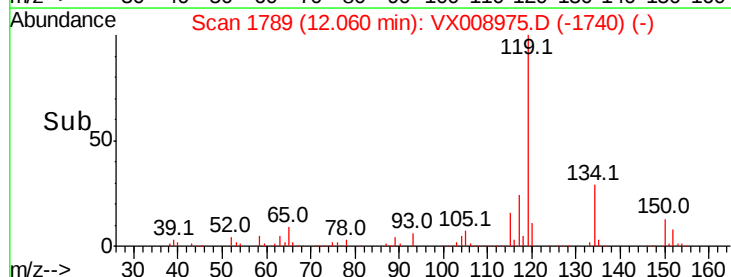
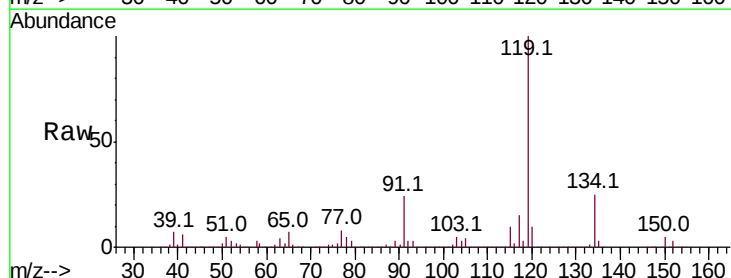
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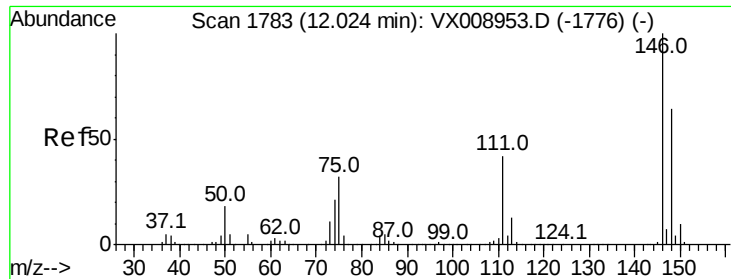
MMDadoda
 4/17/2019 9:58:39 AM



#86
 p-Isopropyltoluene
 Concen: 53.761 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion:119 Resp: 554817
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.758 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Instrument :

MSVOA_X

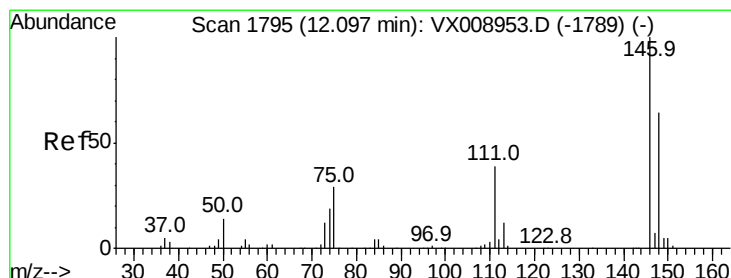
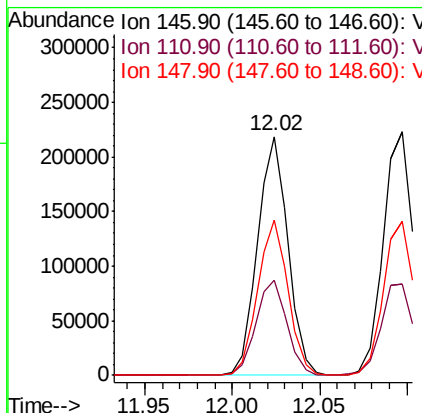
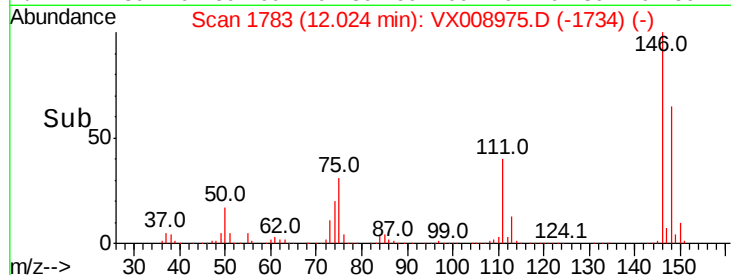
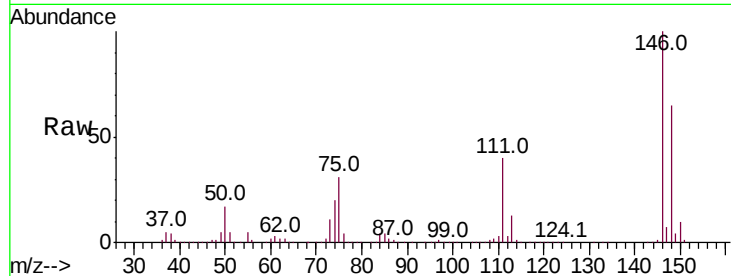
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	267007
Ion Ratio	Lower	Upper	
146	100		
111	40.4	20.5	61.6
148	64.6	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.214 ug/l

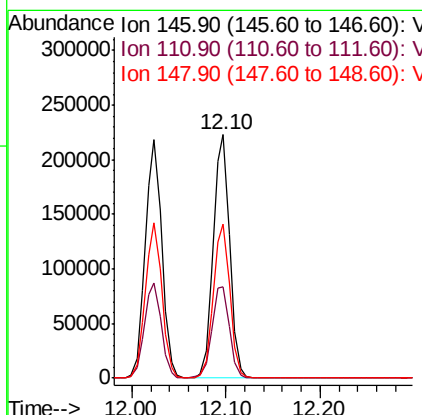
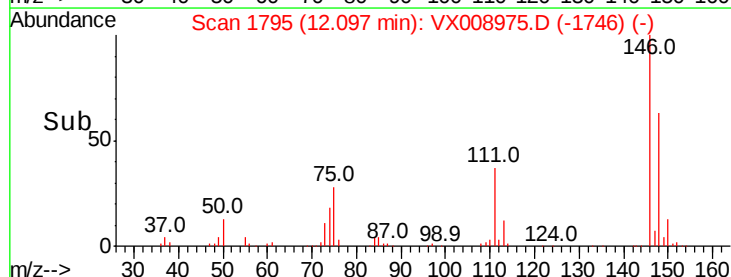
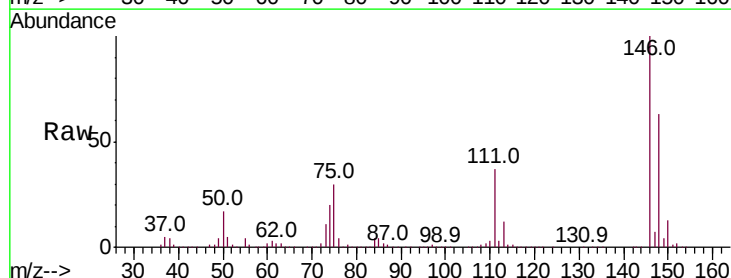
RT: 12.10 min Scan# 1795

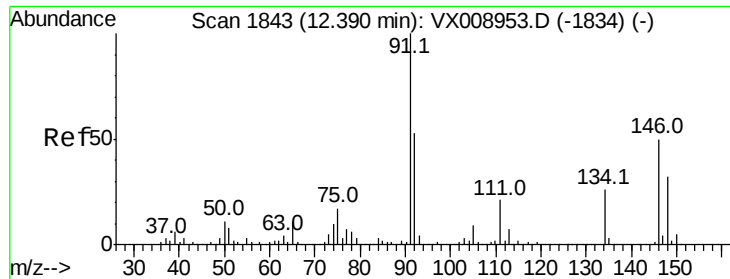
Delta R.T. -0.00 min

Lab File: VX008975.D

Acq: 16 Apr 2019 09:58

Tgt Ion:	146	Resp:	267818
Ion Ratio	Lower	Upper	
146	100		
111	39.5	20.0	59.9
148	63.5	32.2	96.6





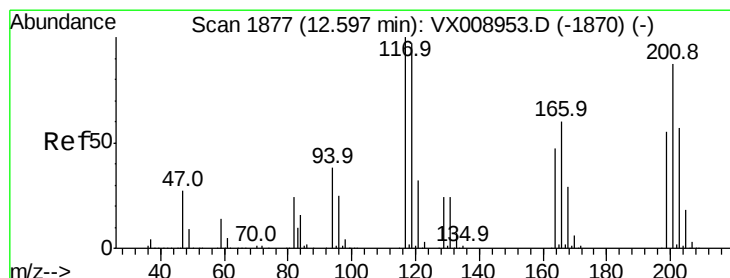
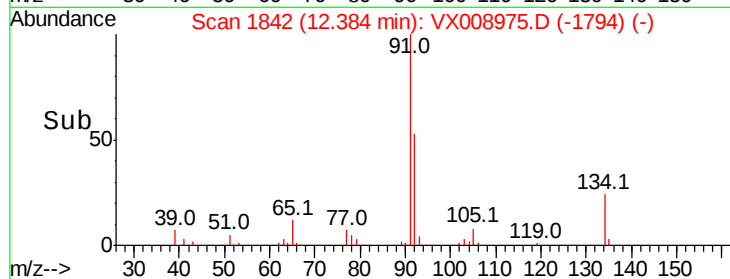
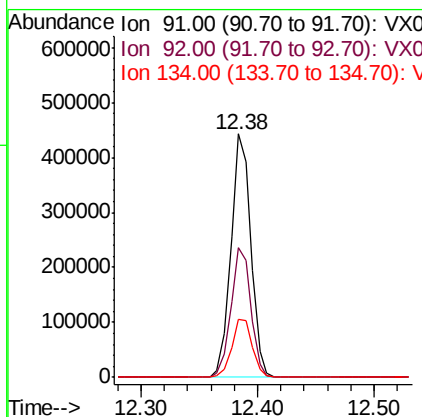
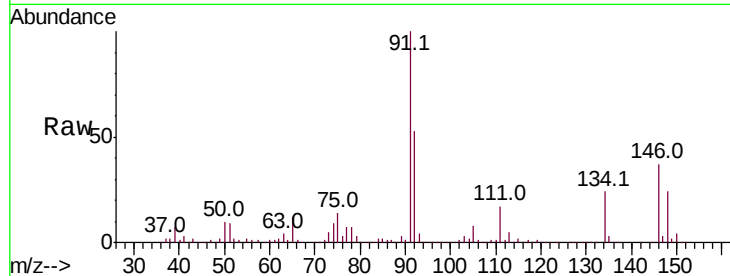
#89
n-Butylbenzene
Concen: 54.689 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.8
134	24.8	12.4	37.2

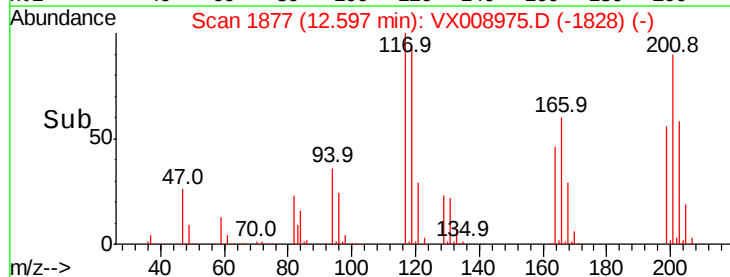
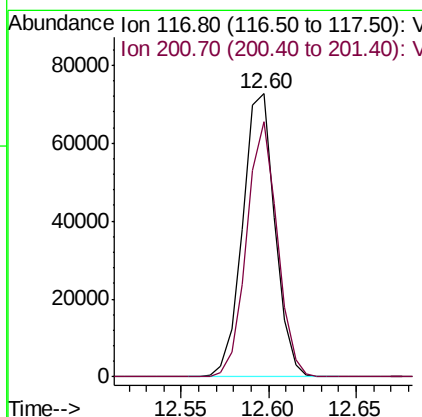
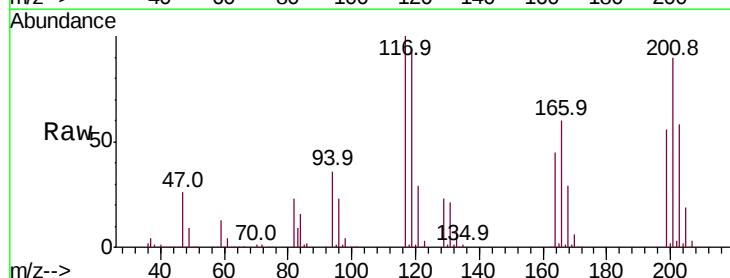
Manual Integrations
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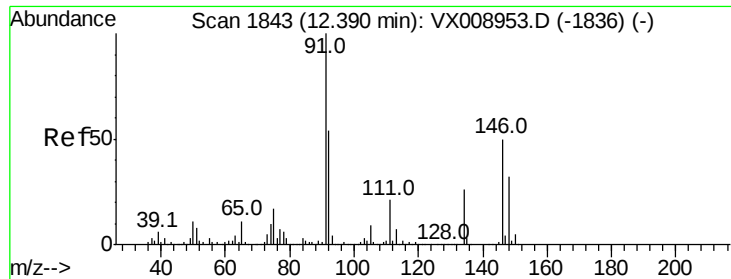
MMDadoda
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#90
Hexachloroethane
Concen: 54.747 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	43.0	129.0





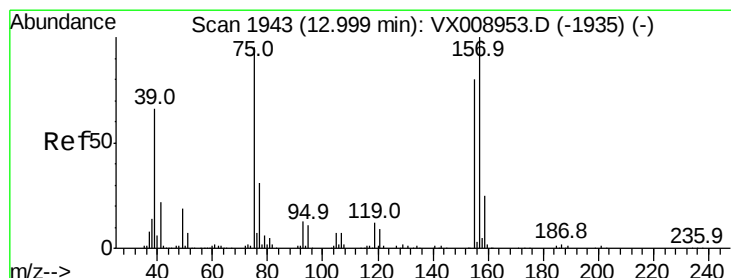
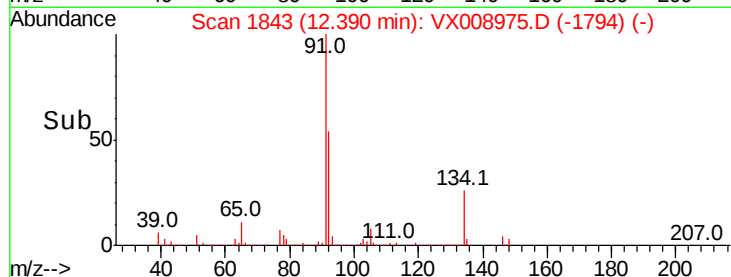
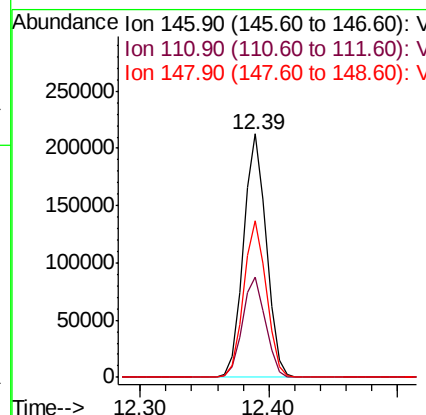
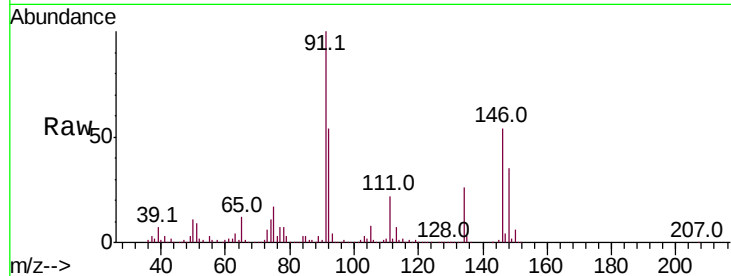
#91
 1,2-Dichlorobenzene
 Concen: 51.025 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	259922		
111	41.7	20.6	61.9	
148	63.8	32.0	96.2	

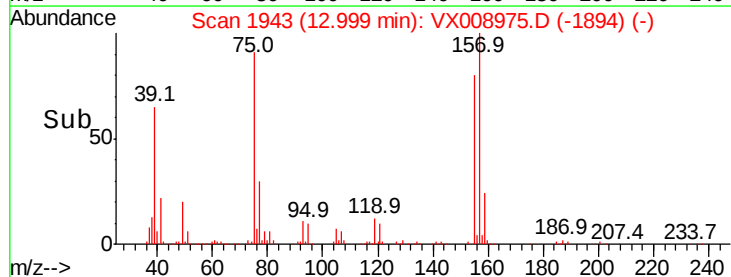
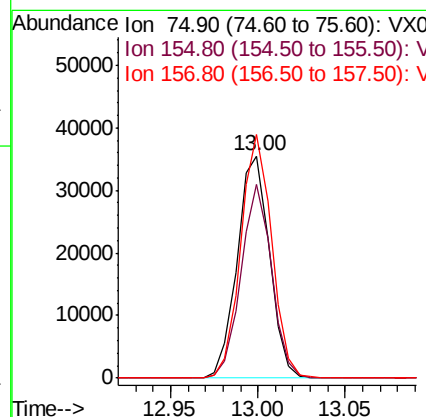
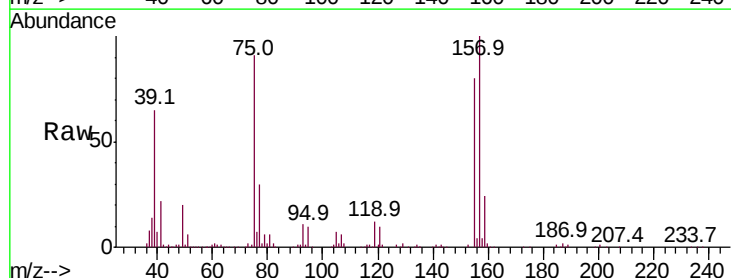
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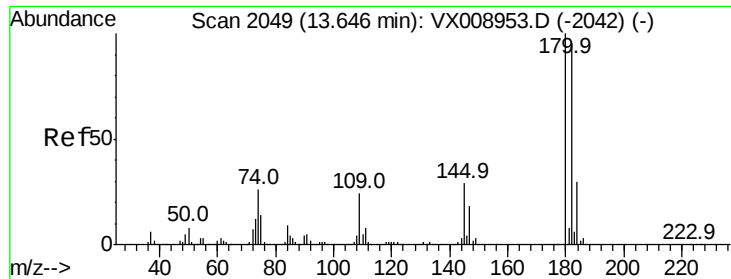
MMDadoda
 4/17/2019 9:58:39 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.085 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45759		
155	82.0	41.2	123.6	
157	104.4	52.5	157.6	





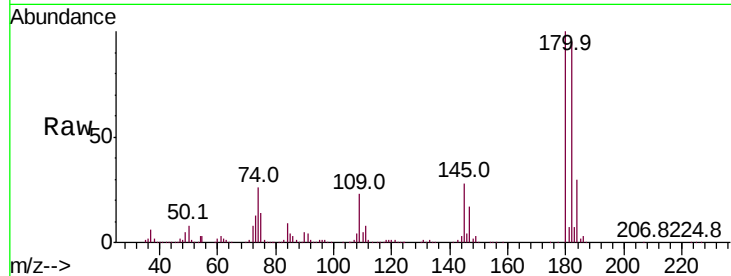
#93
 1,2,4-Trichlorobenzene
 Concen: 51.980 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

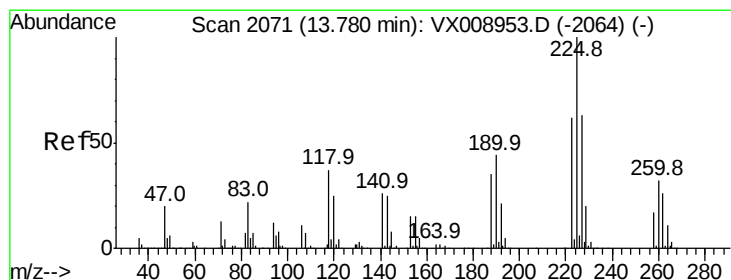
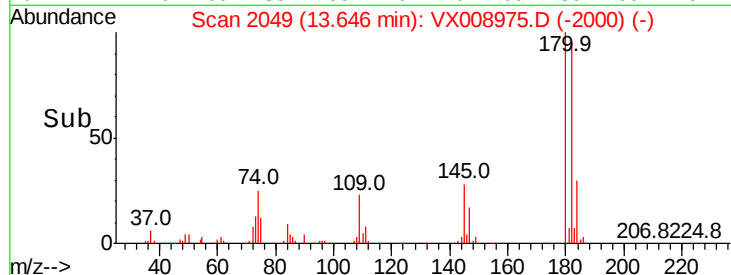
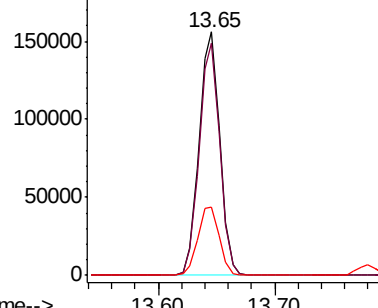
Tot Ion:	180	Resp:	191143
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.6	142.9
145	29.3	14.8	44.4

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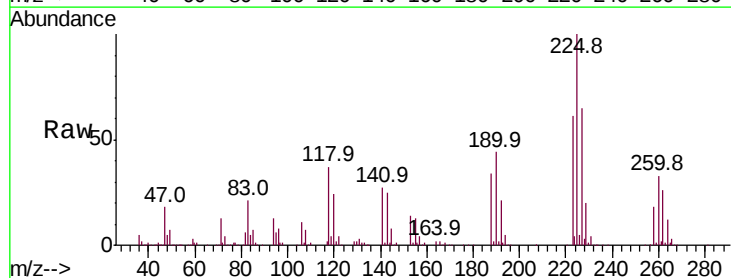


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

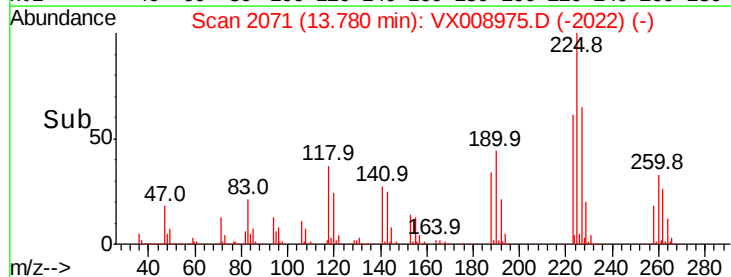
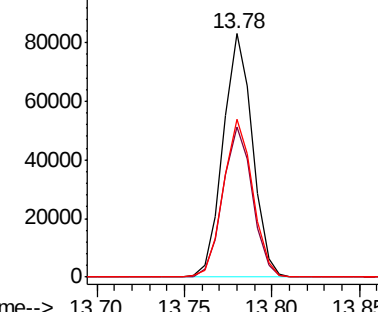


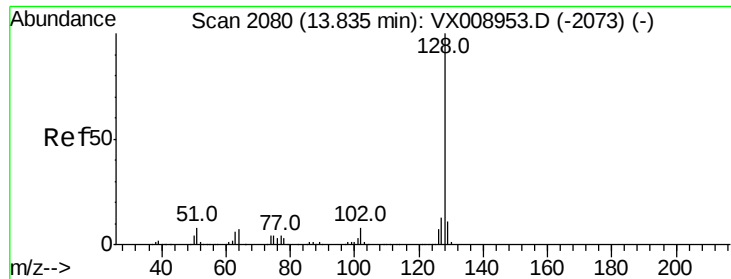
#94
 Hexachlorobutadiene
 Concen: 52.783 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008975.D
 Acq: 16 Apr 2019 09:58

Tgt Ion:	225	Resp:	96806
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	64.7	32.0	96.2



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





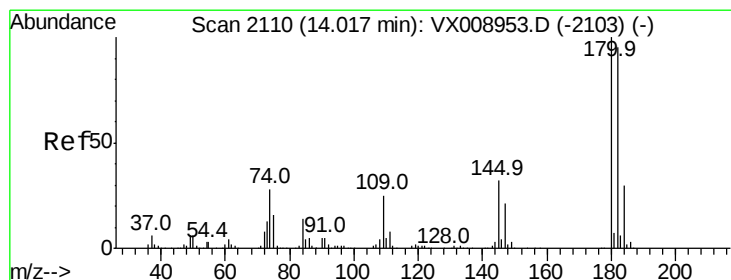
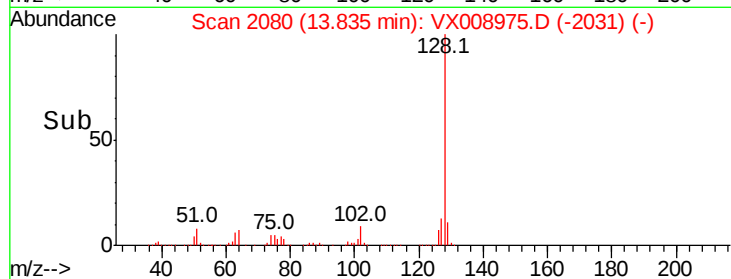
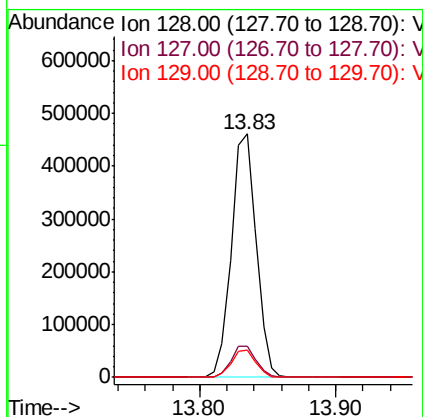
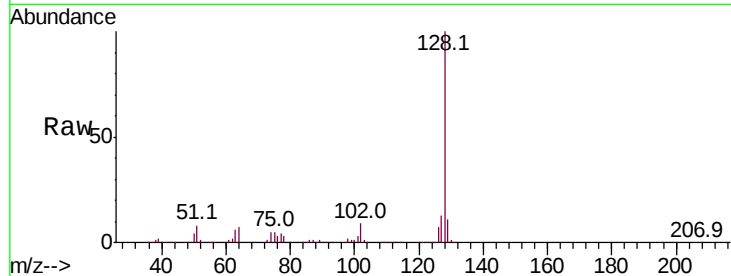
#95
Naphthalene
Concen: 49.714 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	585694		
127	13.0		10.6	16.0
129	11.0		8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 51.286 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008975.D
Acq: 16 Apr 2019 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	186076		
182	95.0		47.8	143.4
145	31.0		15.8	47.3

