

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\
 Data File : VX010448.D
 Acq On : 26 Jun 2019 09:21
 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
 6/27/2019 10:11:30 AM

Quant Time: Jun 27 01:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	298863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	429569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	389651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	132639	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	132378	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
50) Toluene-d8	8.71	98	499681	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	180915	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	90365	43.491	ug/l	97
3) Chloromethane	1.32	50	100588	41.575	ug/l	98
4) Vinyl Chloride	1.41	62	112712	42.532	ug/l	100
5) Bromomethane	1.64	94	55914	43.309	ug/l	97
6) Chloroethane	1.71	64	72064	46.093	ug/l	97
7) Trichlorofluoromethane	1.92	101	193852	46.145	ug/l	99
8) Diethyl Ether	2.19	74	70046	46.496	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	118010	46.355	ug/l	100
10) Methyl Iodide	2.51	142	156383	43.043	ug/l	99
11) Tert butyl alcohol	3.05	59	148882	203.050	ug/l	99
12) 1,1-Dichloroethene	2.37	96	115152	44.452	ug/l	97
13) Acrolein	2.29	56	94150	193.563	ug/l	100
14) Allyl chloride	2.73	41	168854	45.912	ug/l	99
15) Acrylonitrile	3.14	53	329713	227.121	ug/l	100
16) Acetone	2.45	43	361981	257.758	ug/l	99
17) Carbon Disulfide	2.57	76	287142	41.316	ug/l	100
18) Methyl Acetate	2.77	43	127034	45.386	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	373577	45.841	ug/l	97
20) Methylene Chloride	2.85	84	130943	45.308	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	124501	44.687	ug/l	96
22) Diisopropyl ether	3.85	45	353857	46.019	ug/l	93
23) Vinyl Acetate	3.81	43	1586201	238.787	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203574	45.802	ug/l	98
25) 2-Butanone	4.67	43	498441	241.962	ug/l	99
26) 2,2-Dichloropropane	4.58	77	183113	47.425	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	146528	45.512	ug/l	99
28) Bromochloromethane	5.01	49	96674	45.492	ug/l	97
29) Tetrahydrofuran	5.12	42	286001	224.143	ug/l	99
30) Chloroform	5.21	83	219544	45.908	ug/l	96
31) Cyclohexane	5.58	56	185394	45.804	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	195650	46.333	ug/l	100
36) 1,1-Dichloropropene	5.80	75	161668	47.360	ug/l	99
37) Ethyl Acetate	4.83	43	169533	48.276	ug/l	100
38) Carbon Tetrachloride	5.78	117	176195	47.666	ug/l	99

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MMDadoda
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Quant Time: Jun 27 01:21:52 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218160	48.620	ug/l	98
40) Benzene	6.14	78	507107	47.683	ug/l	98
41) Methacrylonitrile	5.04	41	90518	46.977	ug/l	99
42) 1,2-Dichloroethane	6.19	62	159557	49.287	ug/l	99
43) Isopropyl Acetate	6.44	43	280322	48.247	ug/l	99
44) Trichloroethene	7.21	130	152130	47.806	ug/l	100
45) 1,2-Dichloropropane	7.51	63	127811	47.591	ug/l	99
46) Dibromomethane	7.66	93	93653	48.604	ug/l	97
47) Bromodichloromethane	7.90	83	170755	48.356	ug/l	99
48) Methyl methacrylate	7.77	41	131227	48.591	ug/l	99
49) 1,4-Dioxane	7.74	88	70201	902.344	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	885160	238.206	ug/l	100
52) Toluene	8.78	92	331920	47.393	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	194261	49.068	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	213039	49.517	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	140189	48.535	ug/l	100
56) Ethyl methacrylate	9.18	69	211184	48.265	ug/l	98
57) 1,3-Dichloropropane	9.37	76	216179	48.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	514804	247.733	ug/l	99
59) 2-Hexanone	9.49	43	714727	244.386	ug/l	99
60) Dibromochloromethane	9.58	129	159351	49.273	ug/l	100
61) 1,2-Dibromoethane	9.67	107	152113	48.790	ug/l	100
64) Tetrachloroethene	9.34	164	150288	47.686	ug/l	96
65) Chlorobenzene	10.13	112	381956	48.284	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	144330	50.089	ug/l	99
67) Ethyl Benzene	10.25	91	650167	48.684	ug/l	99
68) m/p-Xylenes	10.35	106	501663	96.945	ug/l	99
69) o-Xylene	10.69	106	246492	48.438	ug/l	99
70) Styrene	10.71	104	423057	49.572	ug/l	99
71) Bromoform	10.85	173	124892	49.841	ug/l #	99
73) Isopropylbenzene	11.02	105	660449	48.580	ug/l	99
74) N-amyl acetate	10.90	43	247539	48.179	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	210054	46.655	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	176399m	48.268	ug/l	
77) Bromobenzene	11.26	156	177971	46.882	ug/l	99
78) n-propylbenzene	11.36	91	743449	49.757	ug/l	100
79) 2-Chlorotoluene	11.42	91	423140	47.558	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	550976	49.162	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73093	46.659	ug/l	98
82) 4-Chlorotoluene	11.51	91	493733	48.768	ug/l	99
83) tert-Butylbenzene	11.77	119	548401	48.752	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	555511	49.335	ug/l	99
85) sec-Butylbenzene	11.94	105	653711	49.495	ug/l	100
86) p-Isopropyltoluene	12.06	119	614208	50.277	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	317706	47.946	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	315812	46.815	ug/l	100
89) n-Butylbenzene	12.38	91	534950	51.531	ug/l	100
90) Hexachloroethane	12.59	117	106899	50.605	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	308296	46.812	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43752	45.072	ug/l	96

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ClientSampleId :
VSTDCCC050

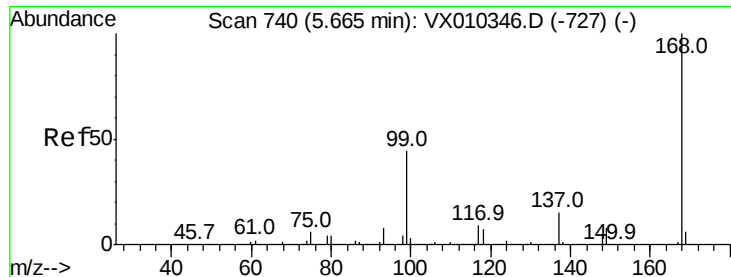
Manual Integrations
APPROVED

MMDadoda
6/27/2019 10:11:30 AM

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	225412	49.355	ug/l	99
94) Hexachlorobutadiene	13.78	225	111193	49.815	ug/l	100
95) Naphthalene	13.83	128	680603	48.493	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	223716	49.267	ug/l	100

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



#1

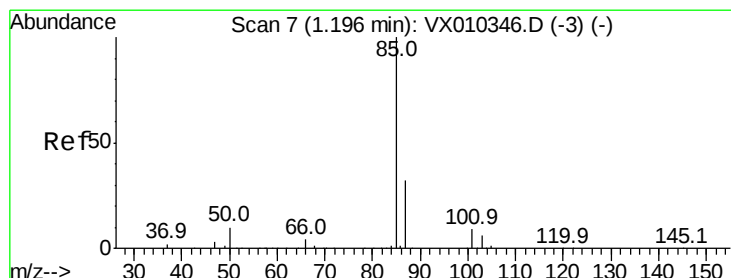
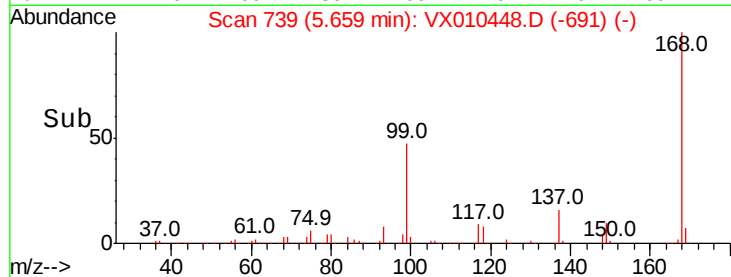
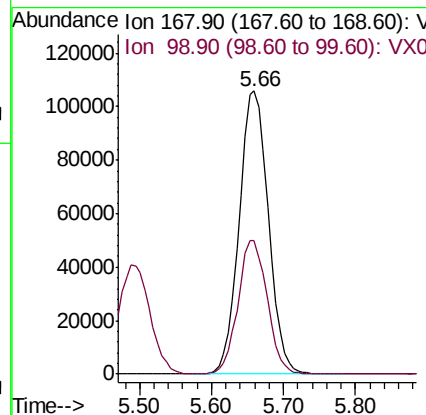
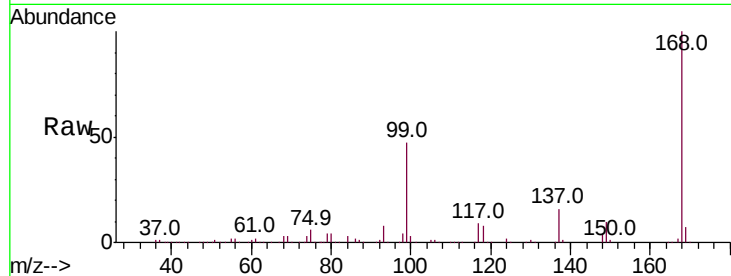
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	298863		
99	47.1	35.5	53.3	

Manual Integrations
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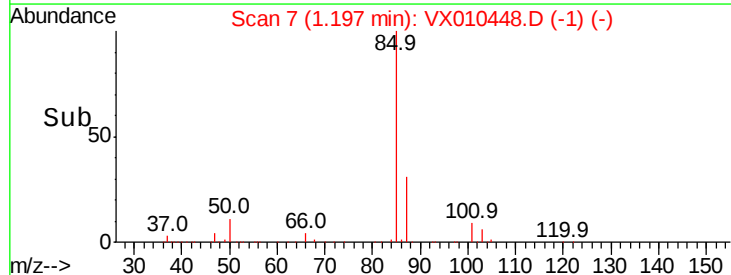
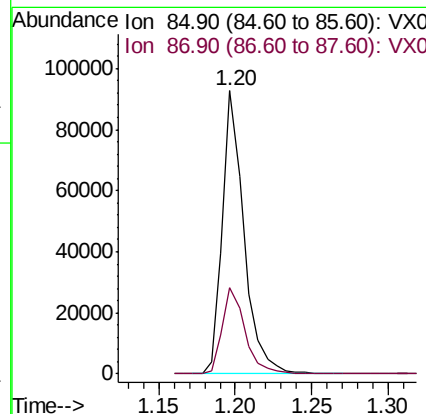
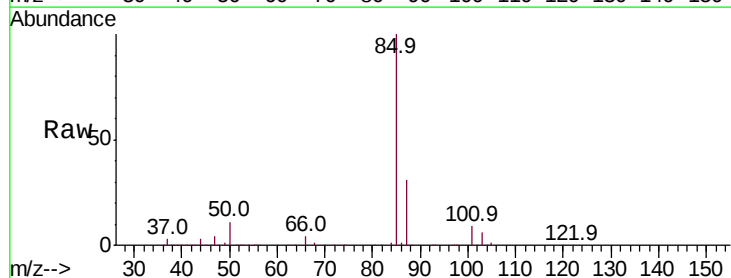
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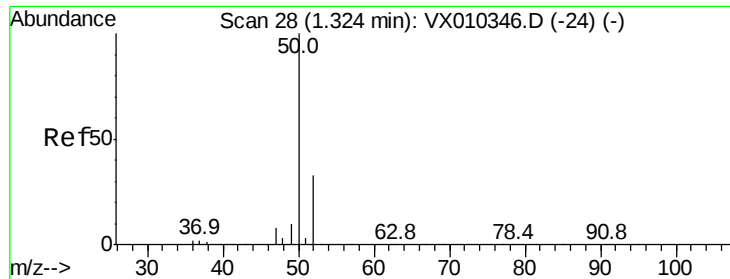


#2

Dichlorodifluoromethane
 Concen: 43.491 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	90365		
87	30.7	16.3	48.8	





#3

Chloromethane

Concen: 41.575 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 100588

Ion Ratio Lower Upper

50 100

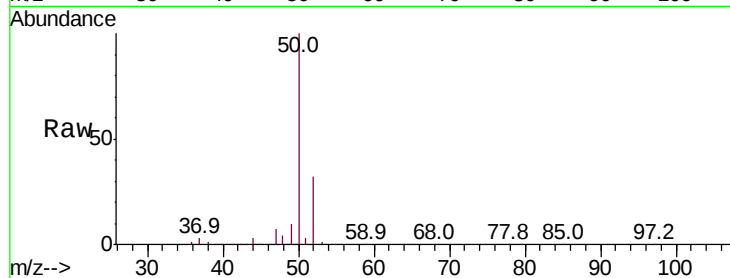
52 31.8 26.5 39.7

Manual Integrations

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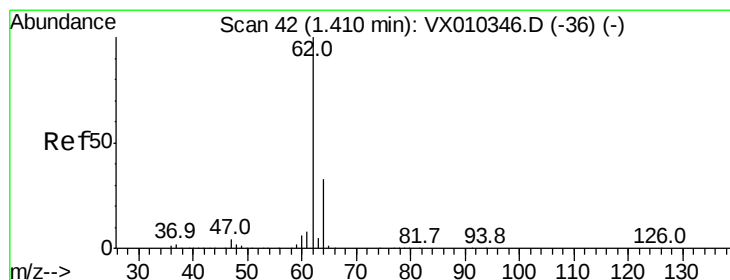
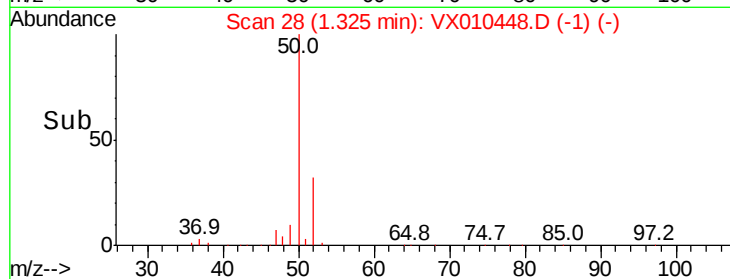
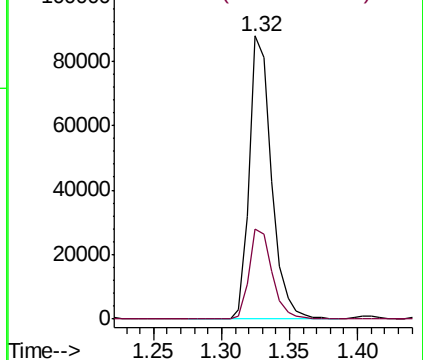
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.532 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010448.D

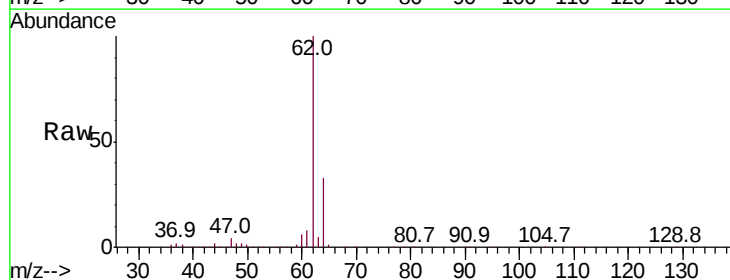
Acq: 26 Jun 2019 09:21

Tgt Ion: 62 Resp: 112712

Ion Ratio Lower Upper

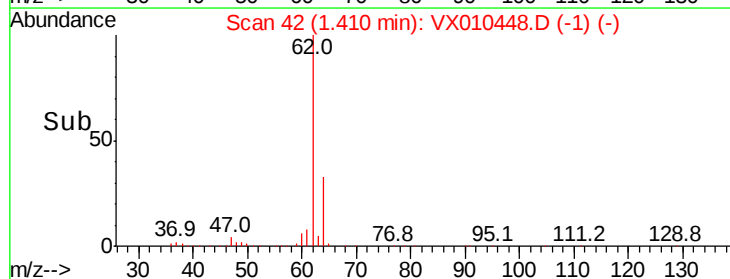
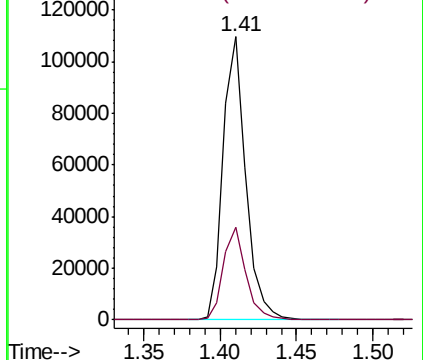
62 100

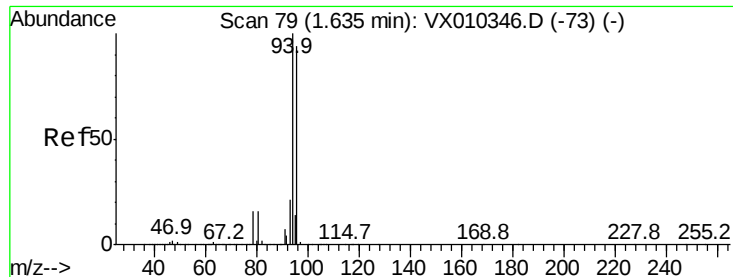
64 32.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.309 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 55914

Ion Ratio Lower Upper

94 100

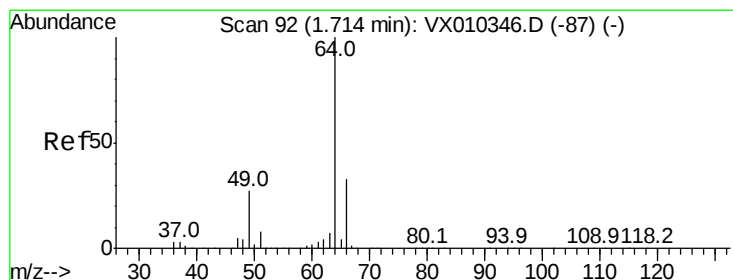
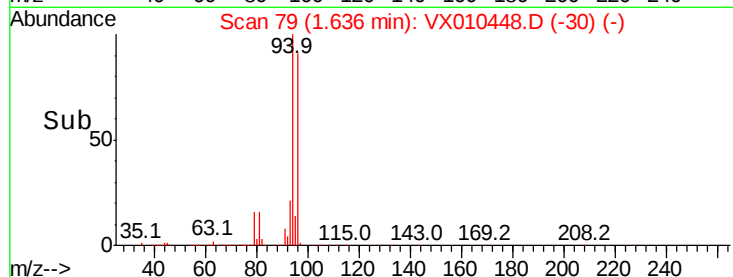
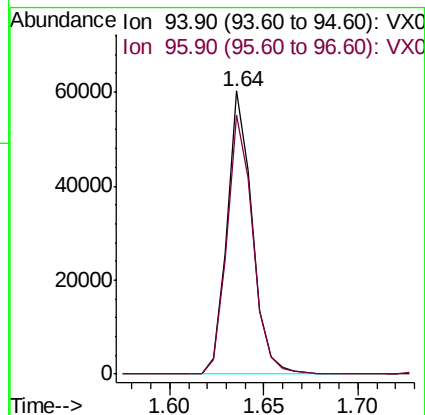
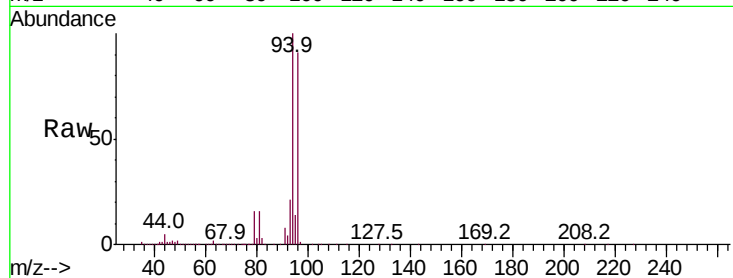
96 91.4 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 46.093 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010448.D

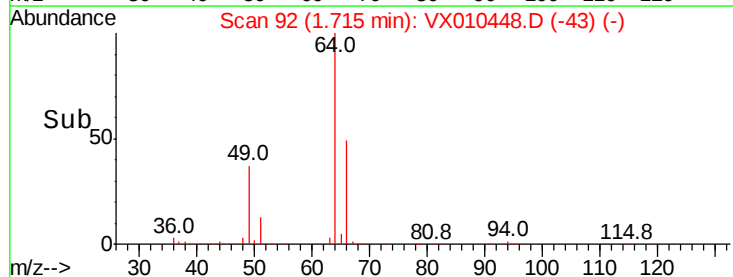
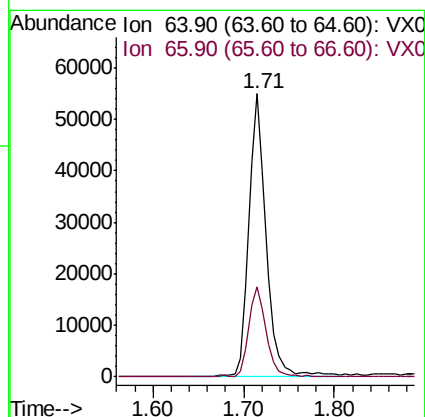
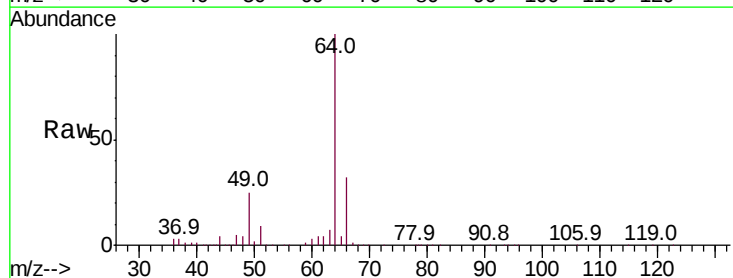
Acq: 26 Jun 2019 09:21

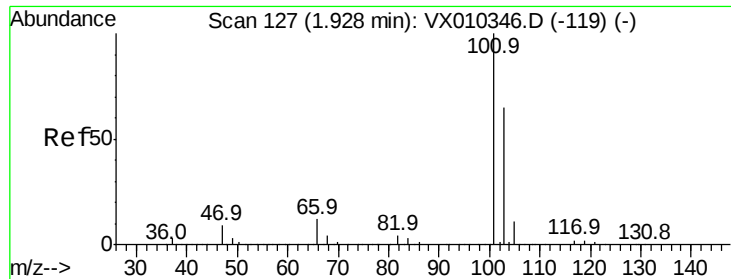
Tgt Ion: 64 Resp: 72064

Ion Ratio Lower Upper

64 100

66 31.6 26.6 40.0





#7

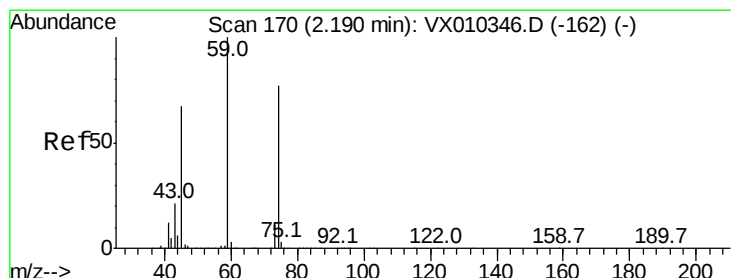
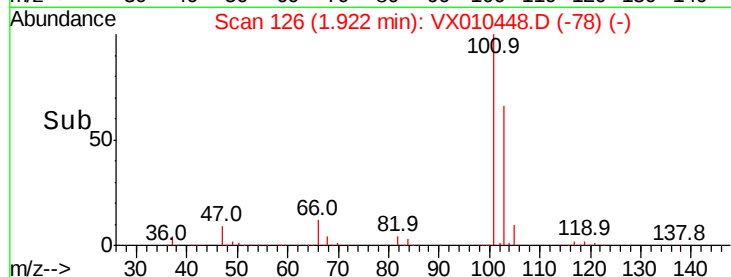
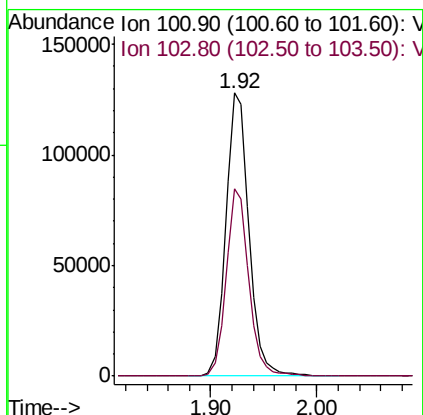
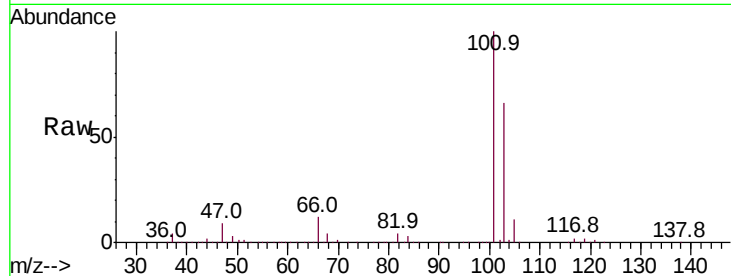
Trichlorofluoromethane
Concen: 46.145 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	52.3	78.5

Manual Integrations
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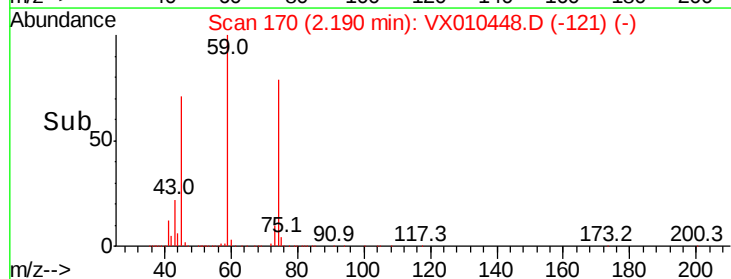
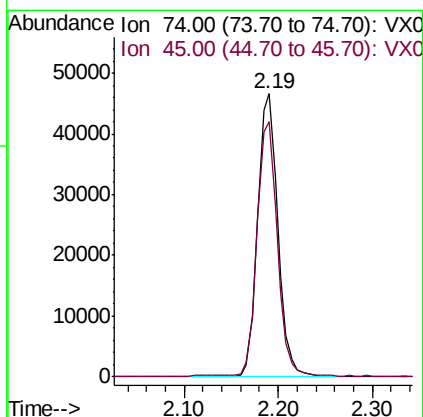
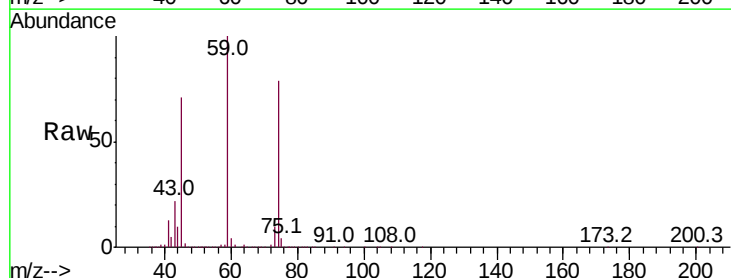
MMDadoda
6/27/2019 10:11:30 AM

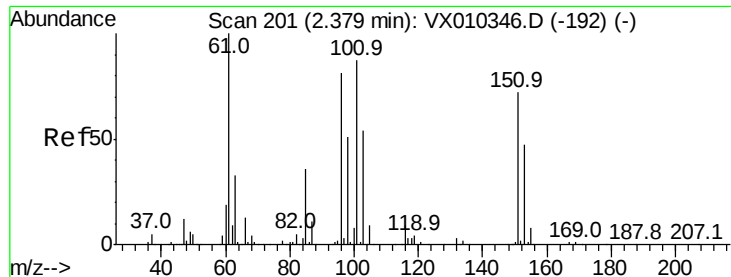


#8

Diethyl Ether
Concen: 46.496 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.0	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.355 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

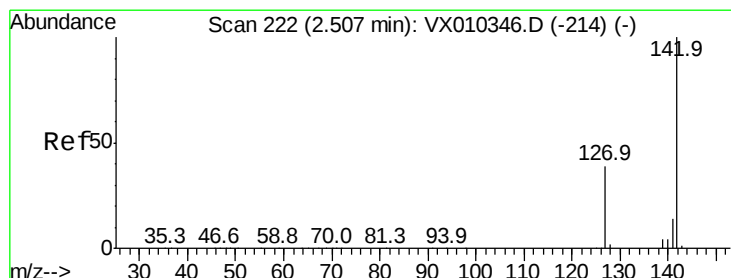
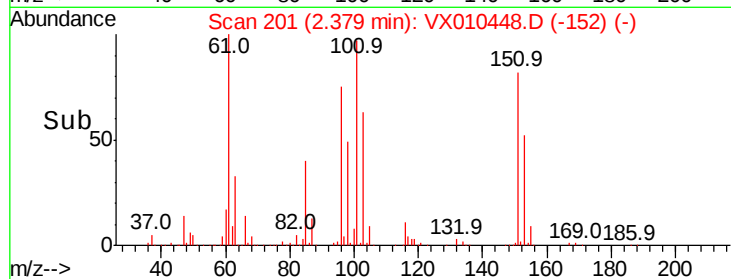
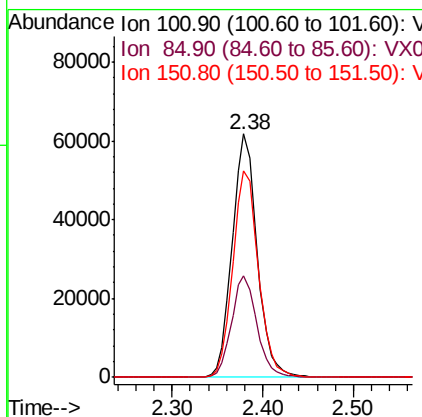
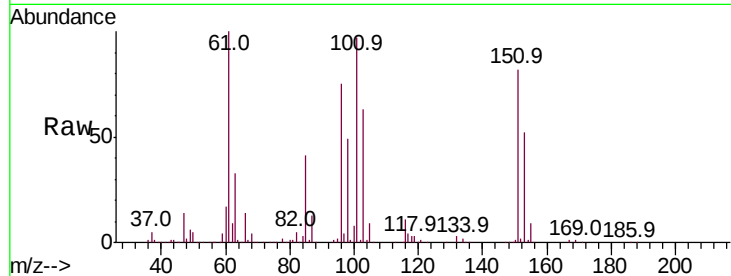
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	118010
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.7	50.5
151	87.4	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 43.043 ug/l

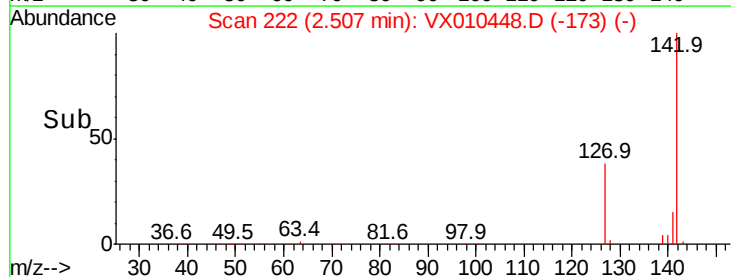
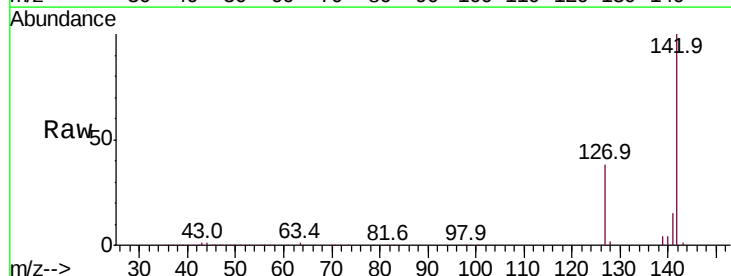
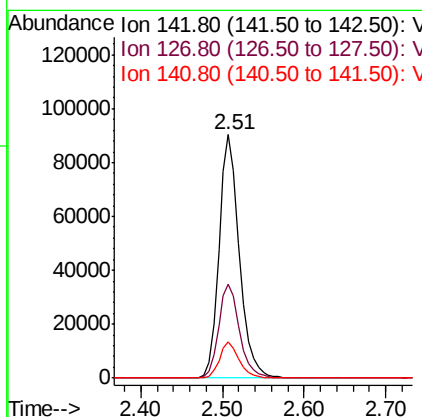
RT: 2.51 min Scan# 222

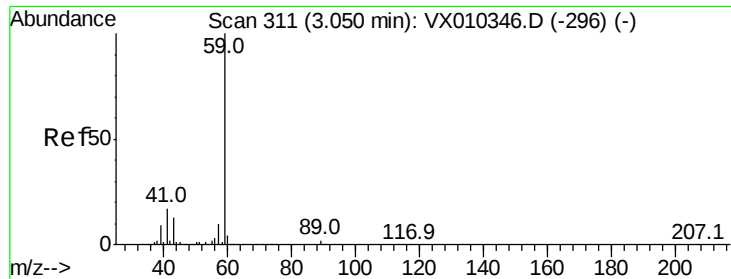
Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tgt Ion:	142	Resp:	156383
Ion Ratio	Lower	Upper	
142	100		
127	39.7	31.1	46.7
141	14.4	11.2	16.8





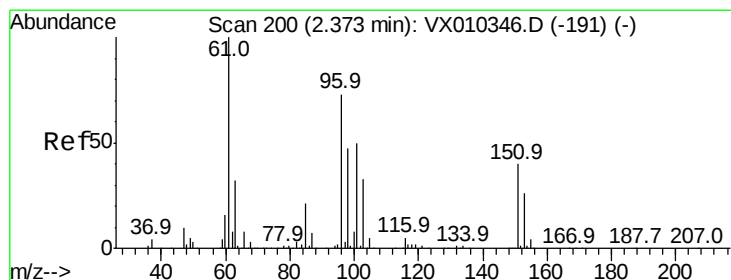
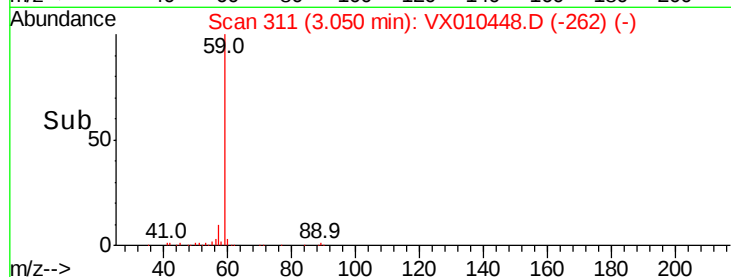
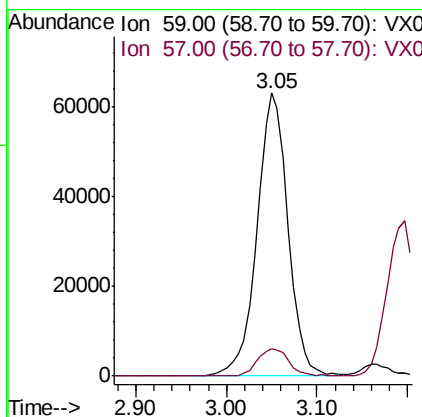
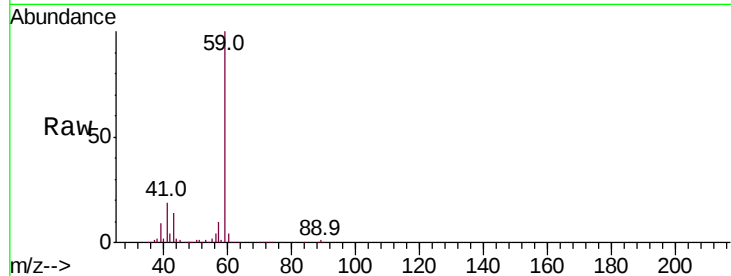
#11
Tert butyl alcohol
Concen: 203.050 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 148882
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5

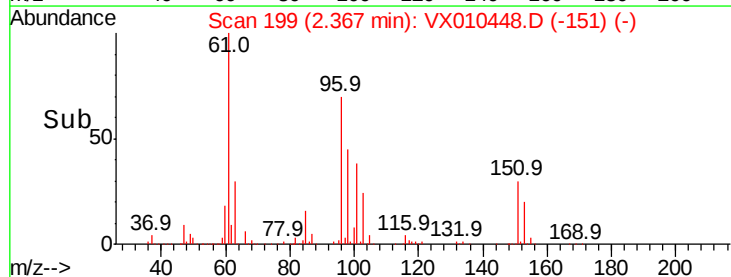
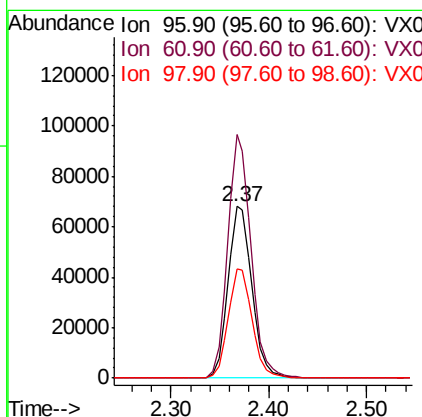
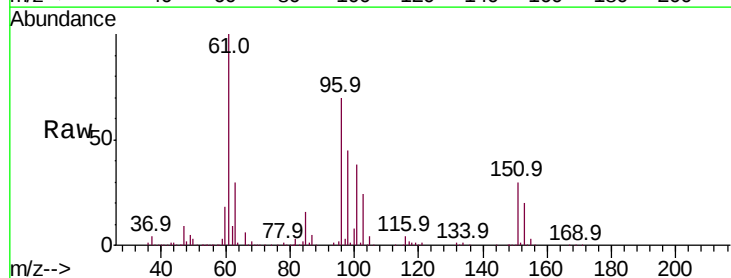
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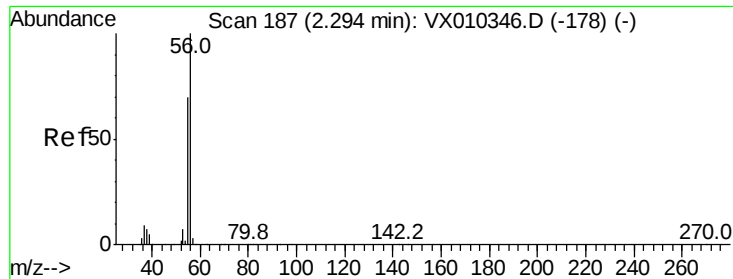
MMDadoda
6/27/2019 10:11:30 AM



#12
1,1-Dichloroethene
Concen: 44.452 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 96 Resp: 115152
Ion Ratio Lower Upper
96 100
61 141.9 109.2 163.8
98 63.9 51.1 76.7





#13

Acrolein

Concen: 193.563 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 94150

Ion Ratio Lower Upper

56 100

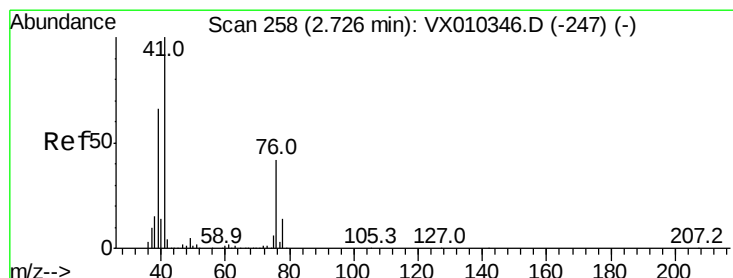
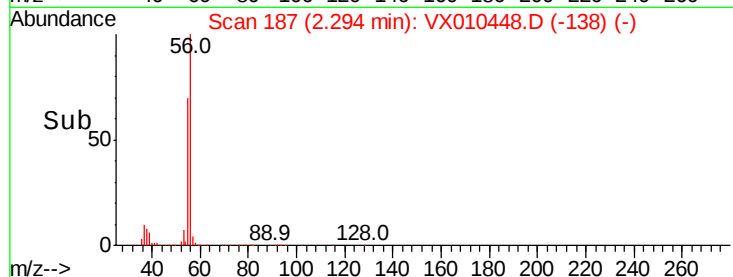
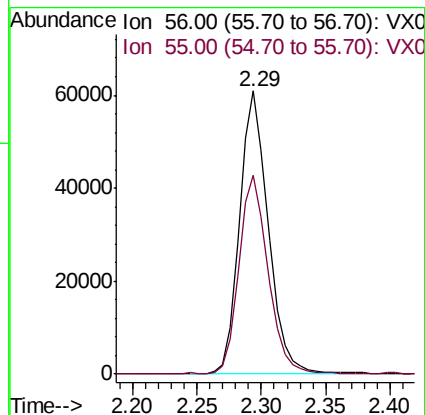
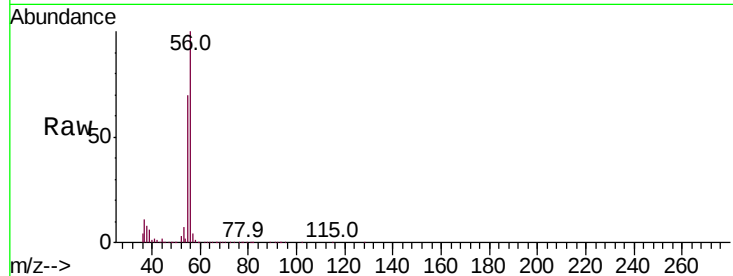
55 70.9 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 45.912 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

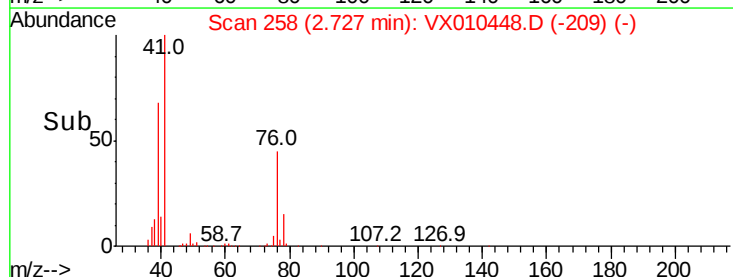
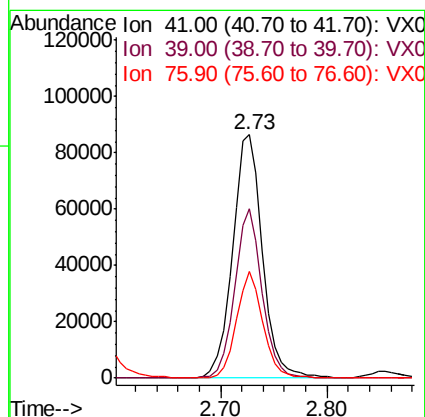
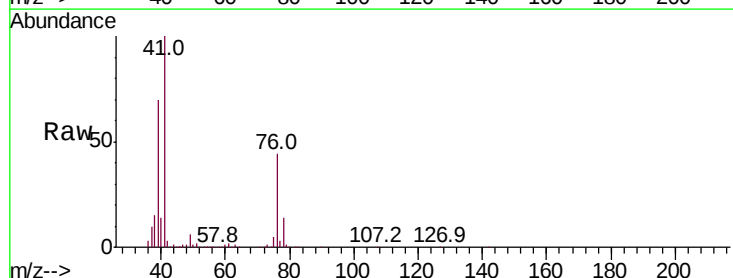
Tgt Ion: 41 Resp: 168854

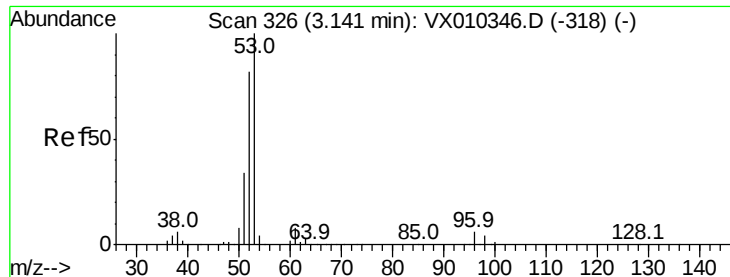
Ion Ratio Lower Upper

41 100

39 63.6 50.3 75.5

76 39.3 31.3 46.9





#15

Acrylonitrile

Concen: 227.121 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

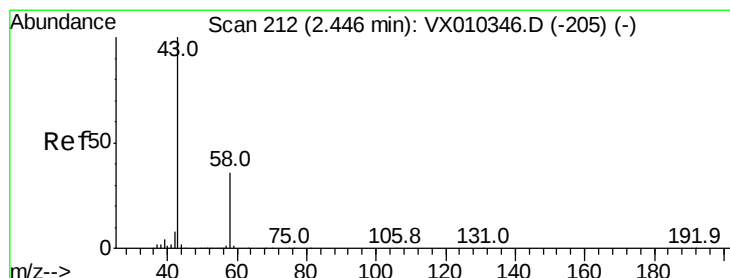
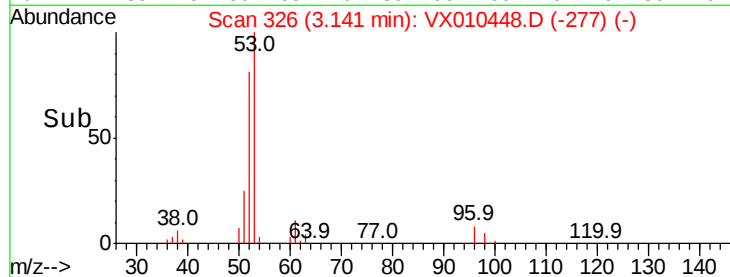
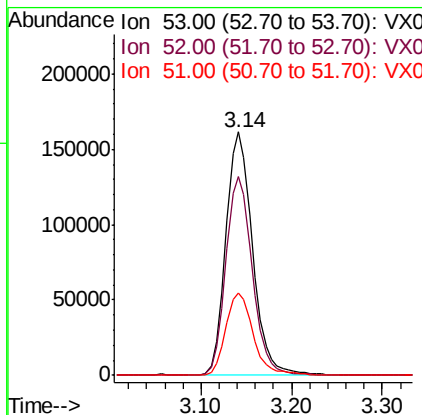
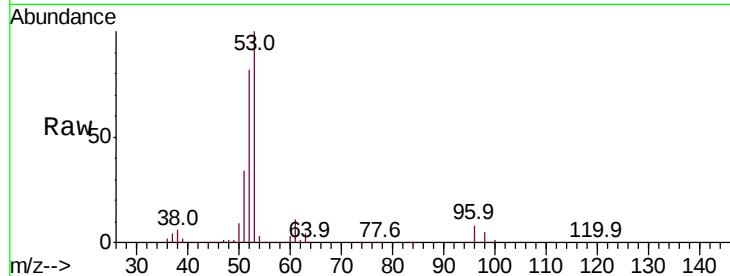
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	329713
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.5	98.3
51	35.3	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 257.758 ug/l

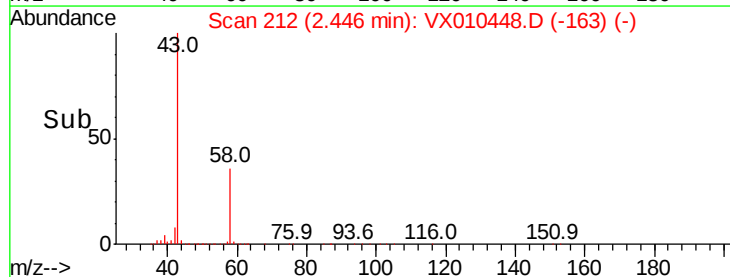
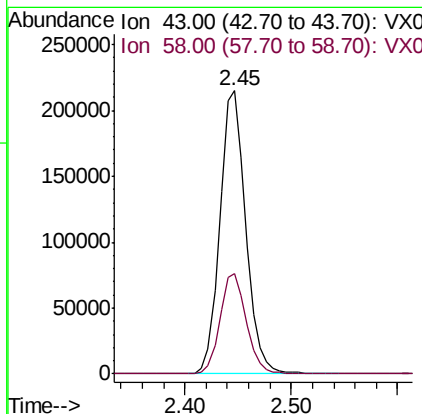
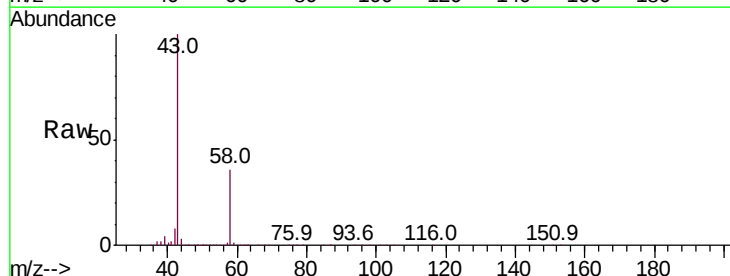
RT: 2.45 min Scan# 212

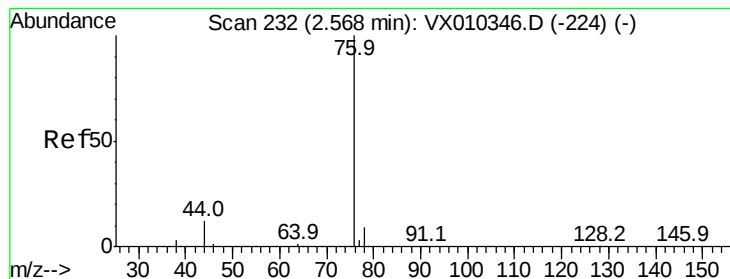
Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tgt Ion:	43	Resp:	361981
Ion Ratio	Lower	Upper	
43	100		
58	35.5	28.9	43.3





#17

Carbon Disulfide

Concen: 41.316 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 287142

Ion Ratio Lower Upper

76 100

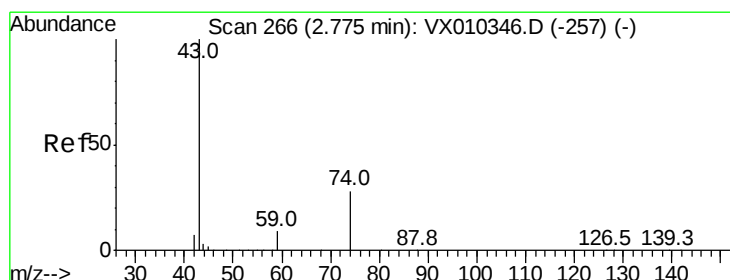
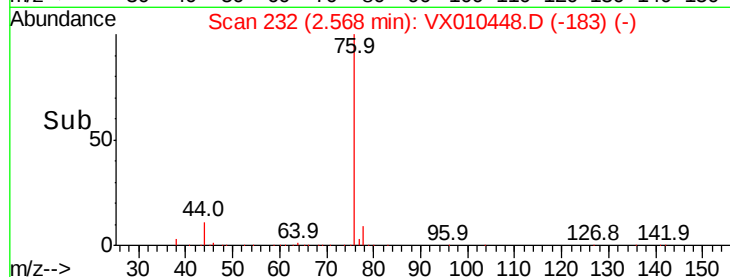
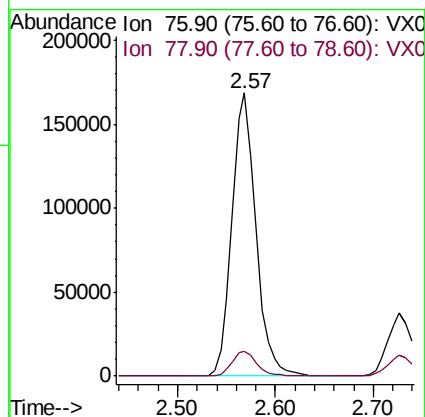
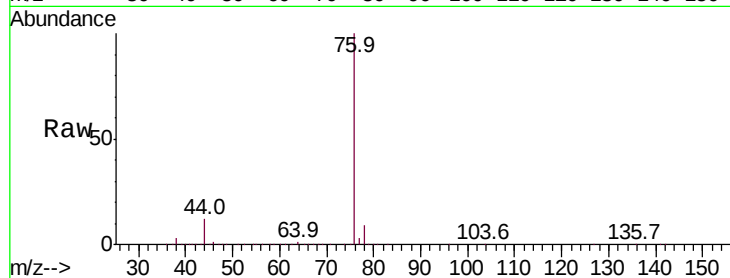
78 9.0 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 45.386 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010448.D

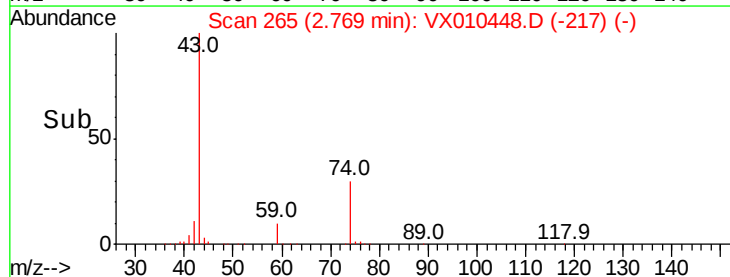
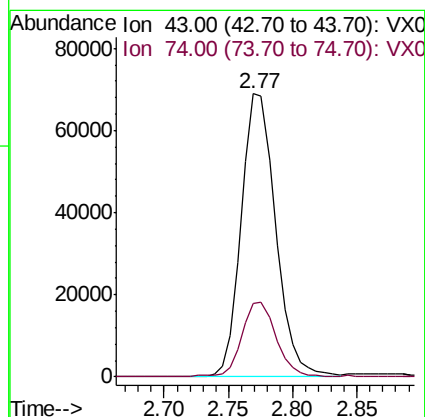
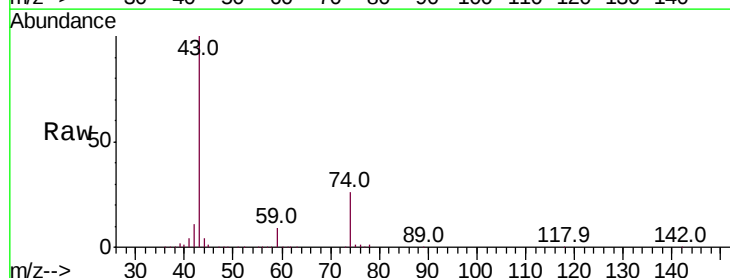
Acq: 26 Jun 2019 09:21

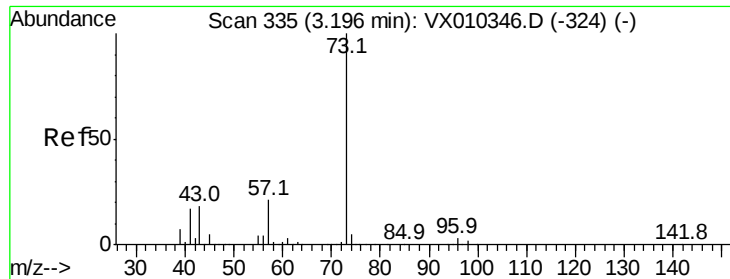
Tgt Ion: 43 Resp: 127034

Ion Ratio Lower Upper

43 100

74 26.9 21.3 31.9





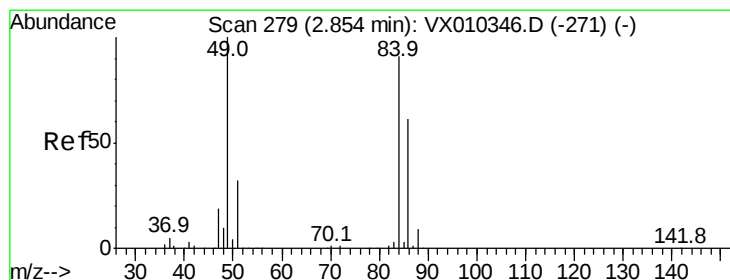
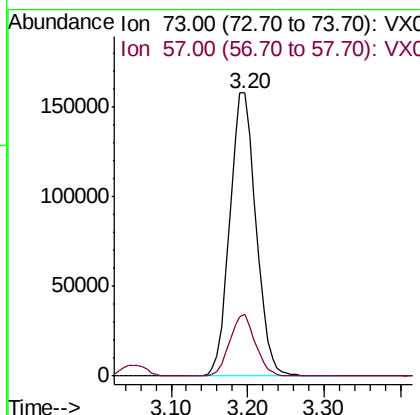
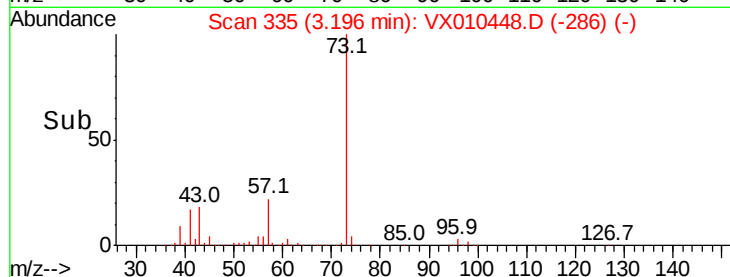
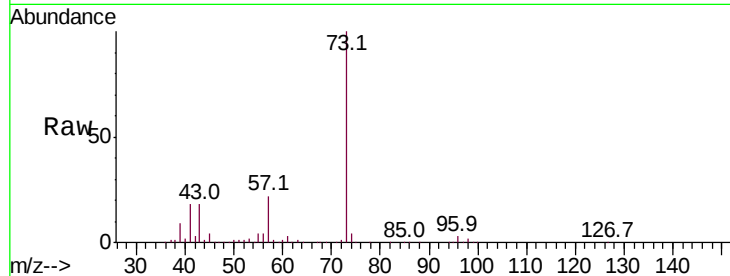
#19
Methvl tert-butvl Ether
Concen: 45.841 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 373577
Ion Ratio Lower Upper
73 100
57 22.0 16.4 24.6

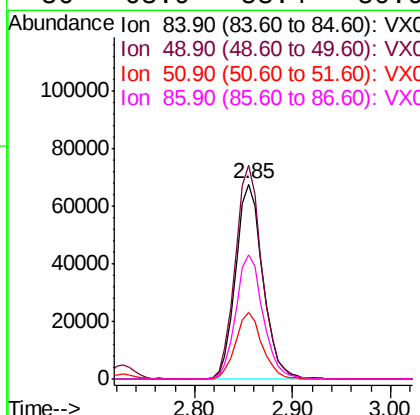
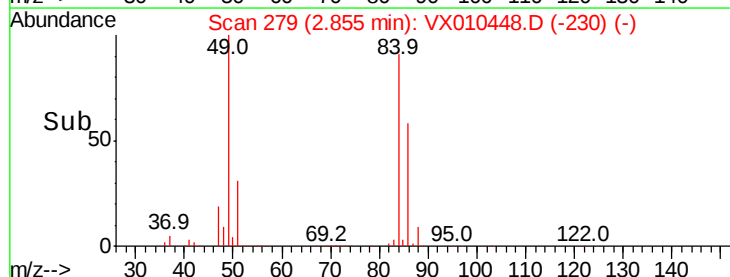
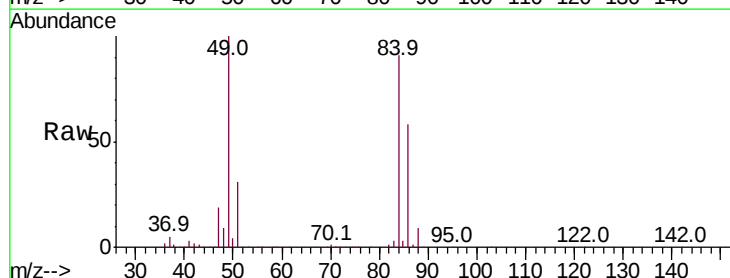
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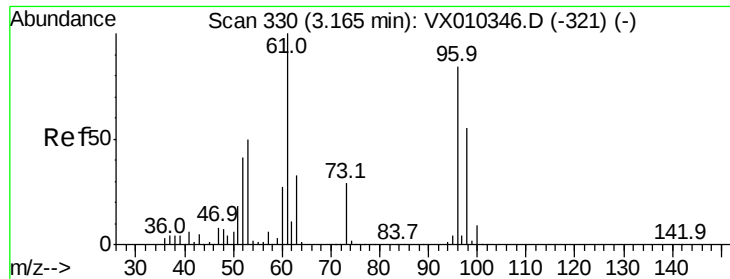
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#20
Methylene Chloride
Concen: 45.308 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 84 Resp: 130943
Ion Ratio Lower Upper
84 100
49 109.4 87.5 131.3
51 33.7 27.7 41.5
86 63.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 44.687 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

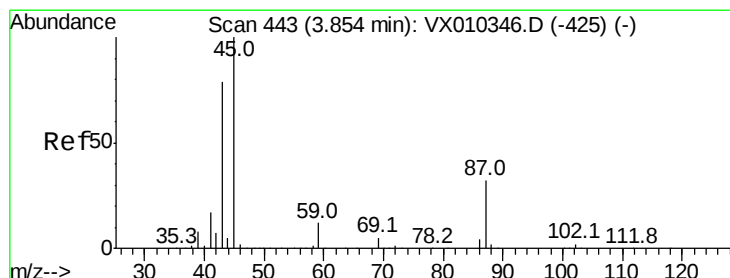
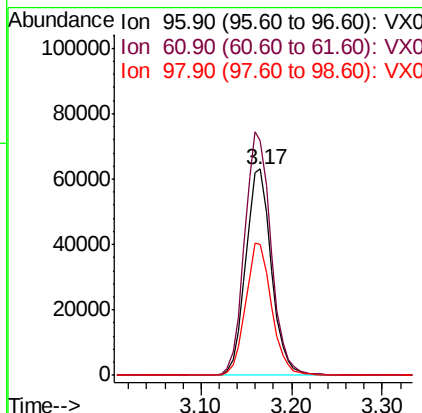
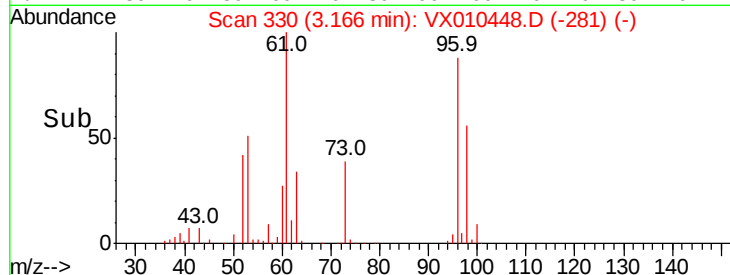
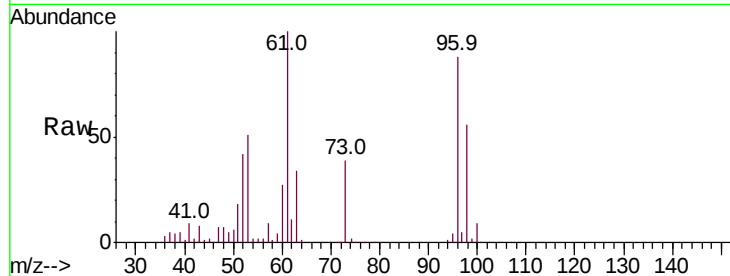
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	124501
Ion	Ratio	Lower	Upper
96	100		
61	113.4	95.6	143.4
98	63.8	52.5	78.7

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#22

Diisopropyl ether

Concen: 46.019 ug/l

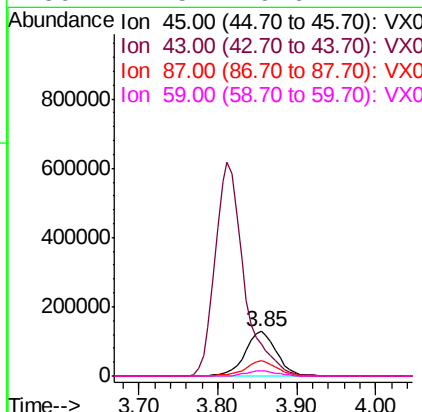
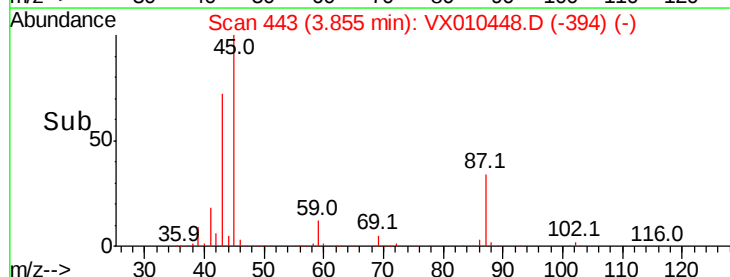
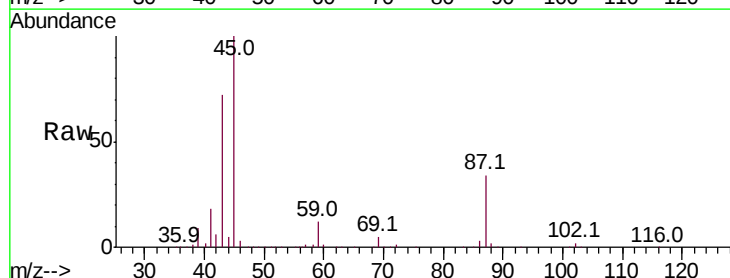
RT: 3.85 min Scan# 443

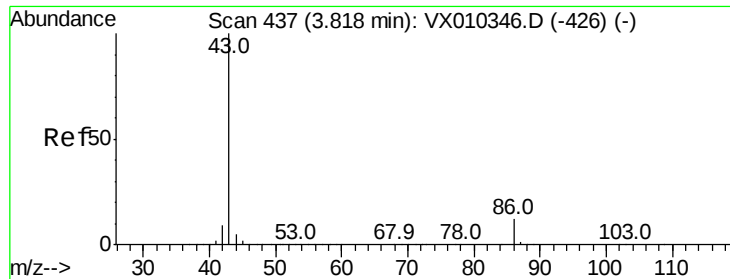
Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tgt Ion:	45	Resp:	353857
Ion	Ratio	Lower	Upper
45	100		
43	71.2	63.3	94.9
87	33.8	25.8	38.8
59	12.5	9.6	14.4





#23

Vinyl Acetate

Concen: 238.787 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tot Ion: 43 Resp: 1586201

Ion Ratio Lower Upper

43 100

86 12.0 9.9 14.9

Instrument :

MSVOA_X

ClientSampleId :

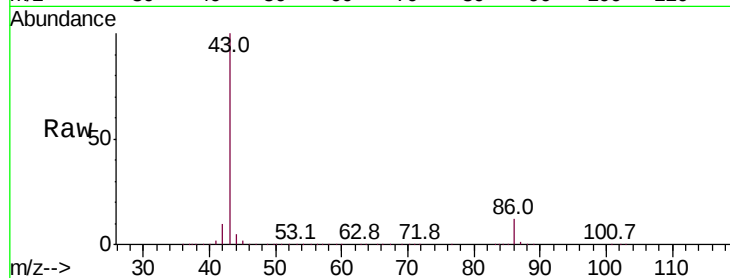
VSTDCCC050

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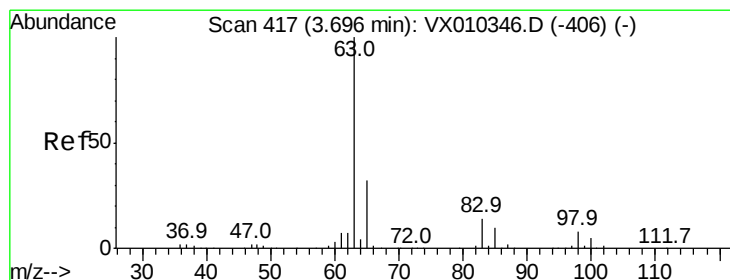
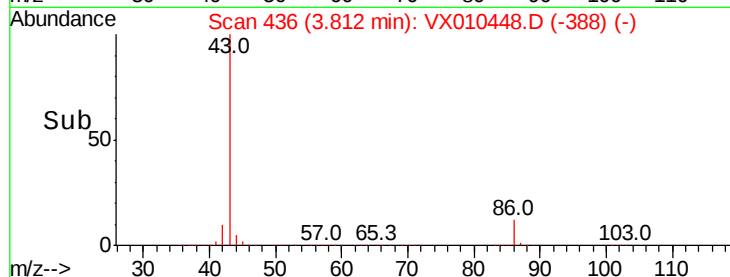
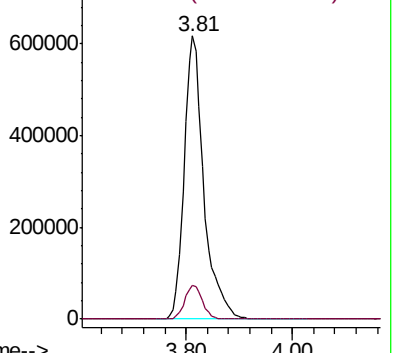
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.802 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

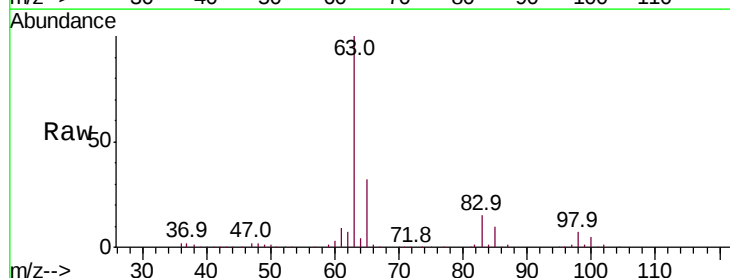
Tgt Ion: 63 Resp: 203574

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

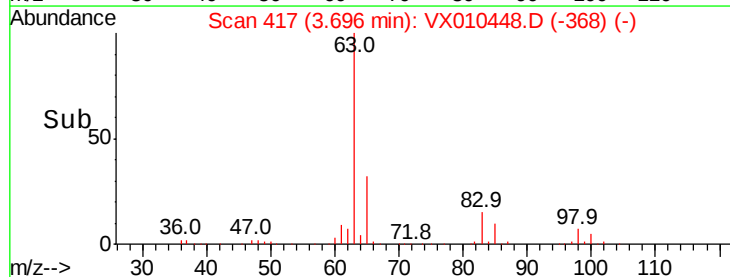
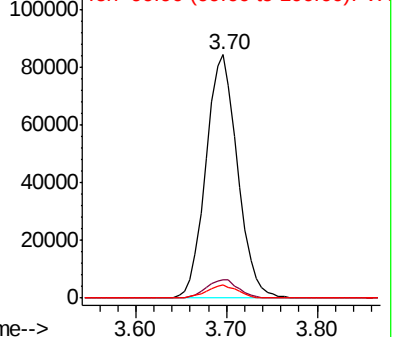
100 5.4 2.4 7.1

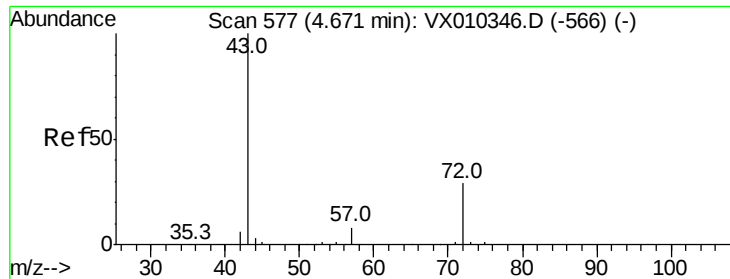


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 241.962 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 498441

Ion Ratio Lower Upper

43 100

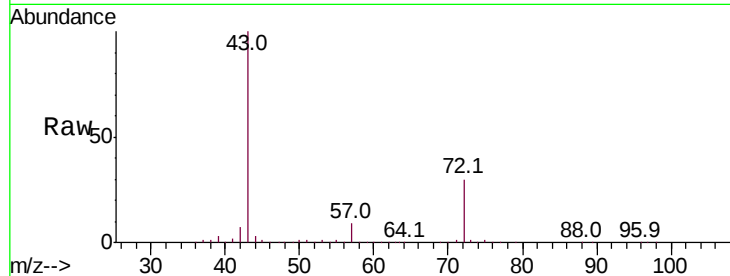
72 29.8 23.3 34.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

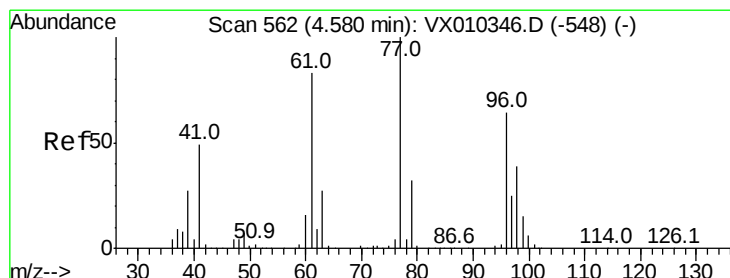
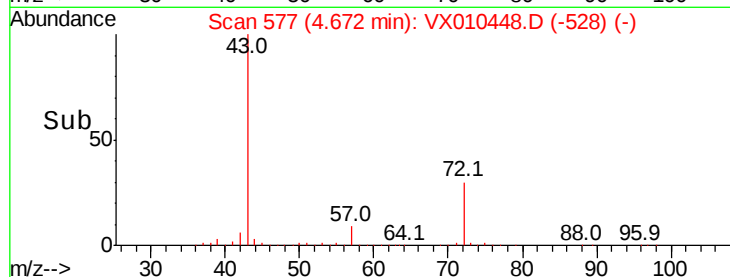
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.425 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010448.D

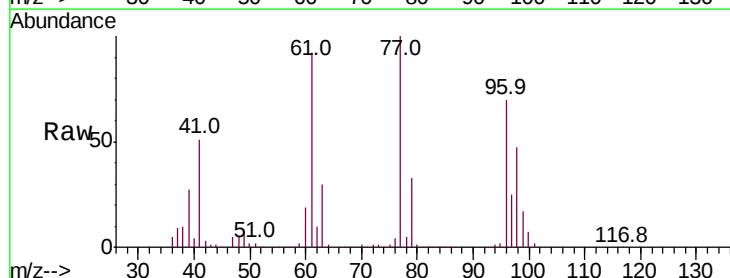
Acq: 26 Jun 2019 09:21

Tgt Ion: 77 Resp: 183113

Ion Ratio Lower Upper

77 100

97 25.5 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

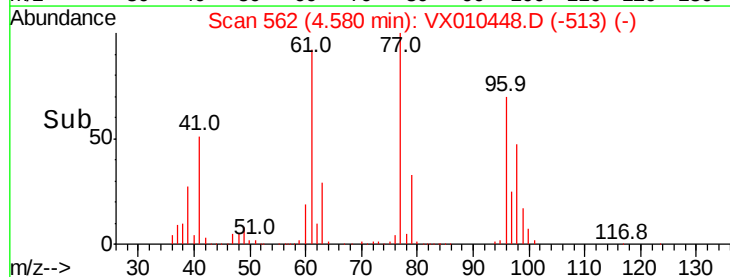
40000

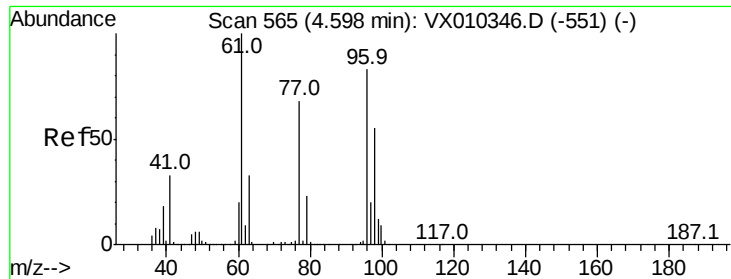
20000

0

4.40 4.50 4.58 4.60 4.70

Time-->





#27

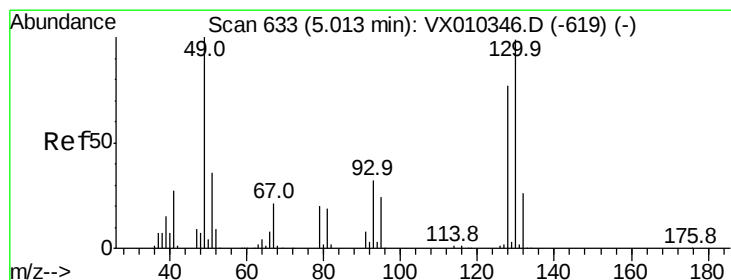
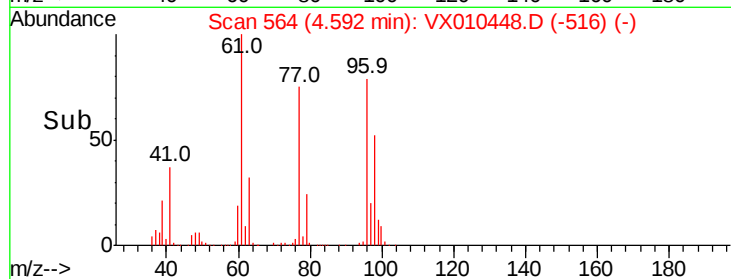
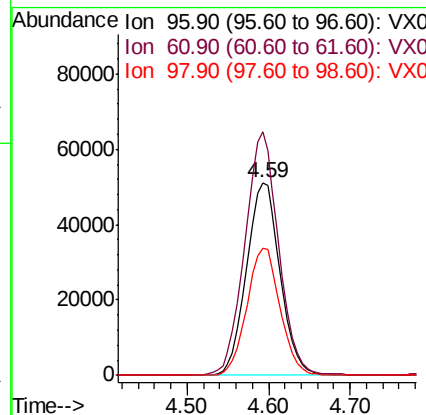
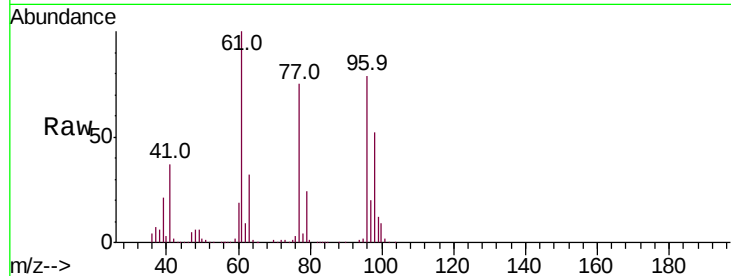
cis-1,2-Dichloroethene
Concen: 45.512 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	146528		
61	127.3	0.0	251.8	
98	65.4	0.0	129.4	

Manual Integrations
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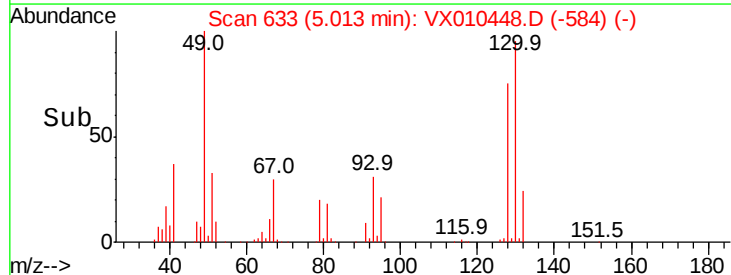
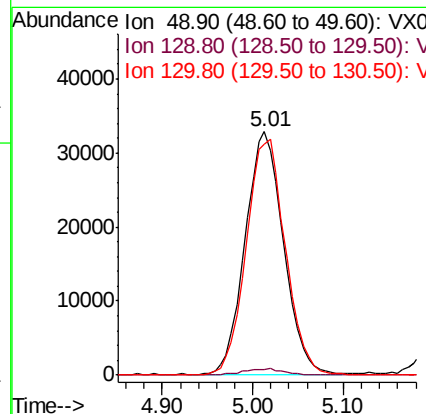
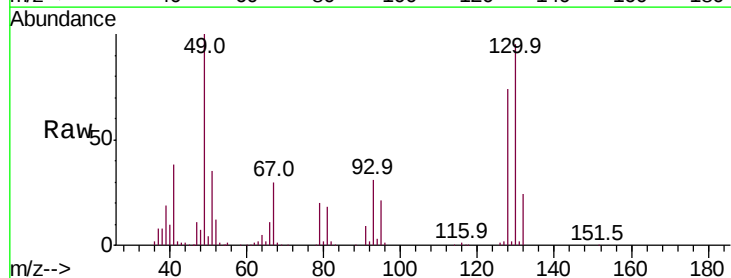
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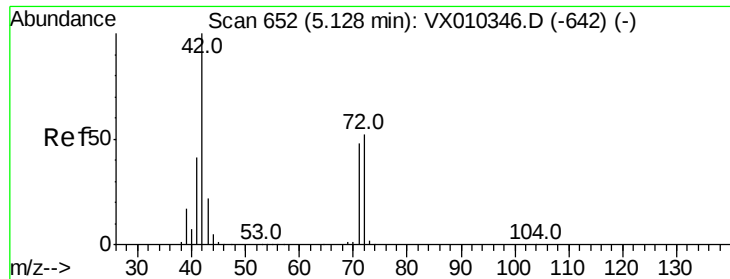


#28

Bromochloromethane
Concen: 45.492 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	96674		
129	2.7	0.0	5.6	
130	98.4	81.4	122.0	





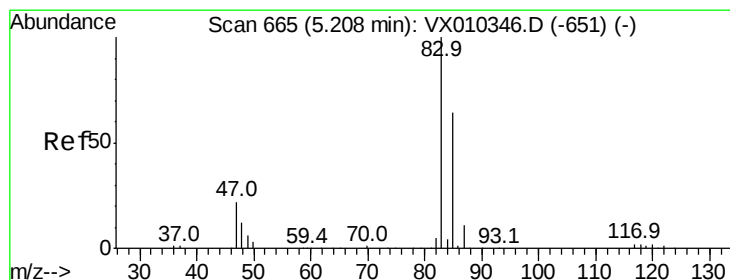
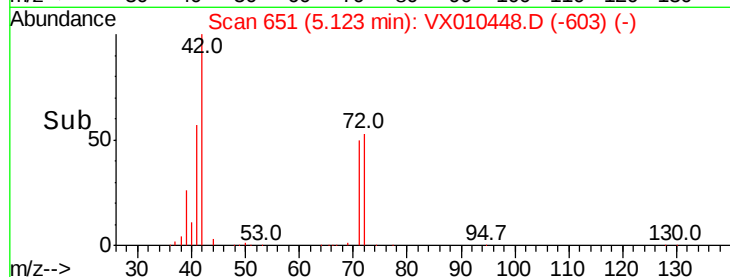
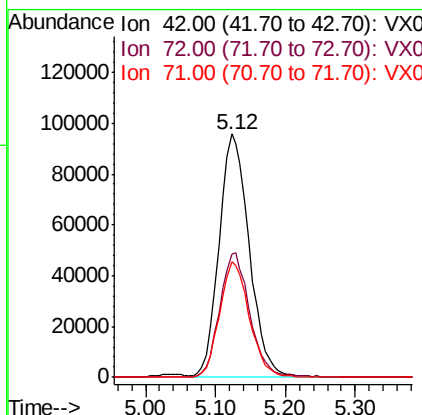
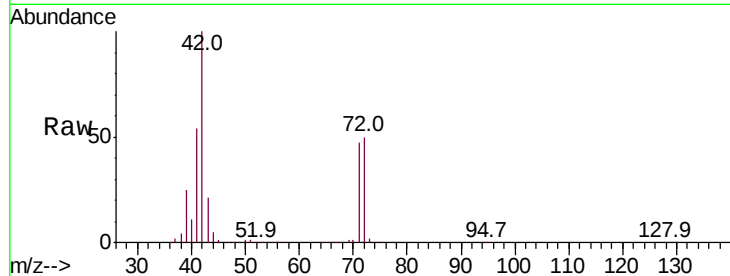
#29
Tetrahydrofuran
Concen: 224.143 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	40.6	60.8
71	47.1	37.8	56.8

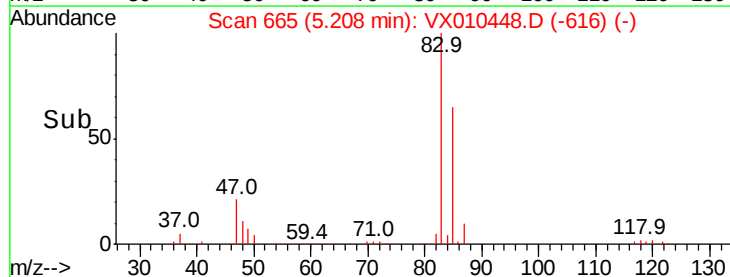
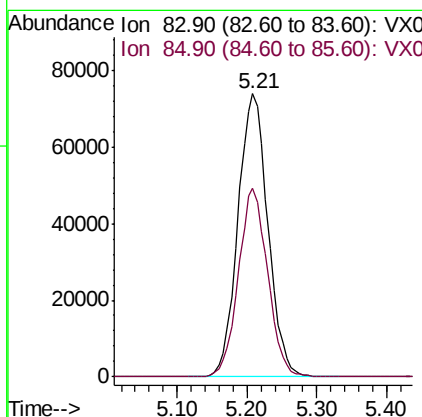
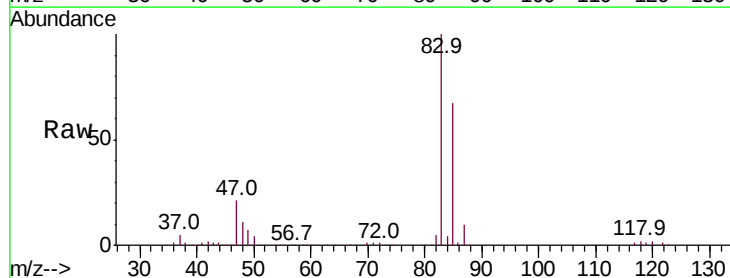
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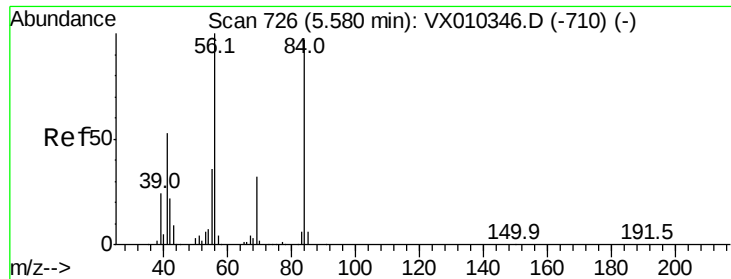
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#30
Chloroform
Concen: 45.908 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.9	76.3





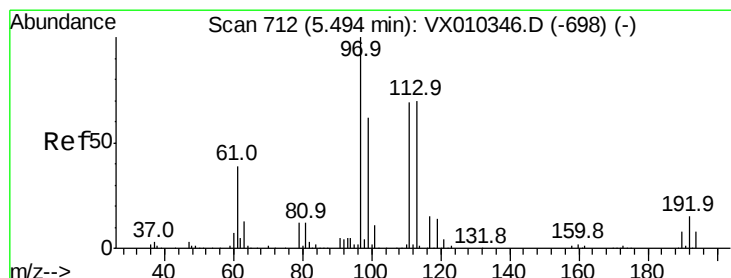
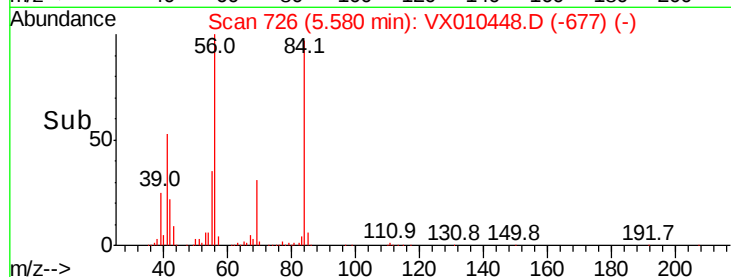
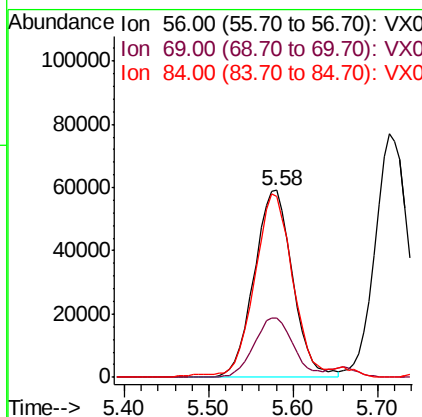
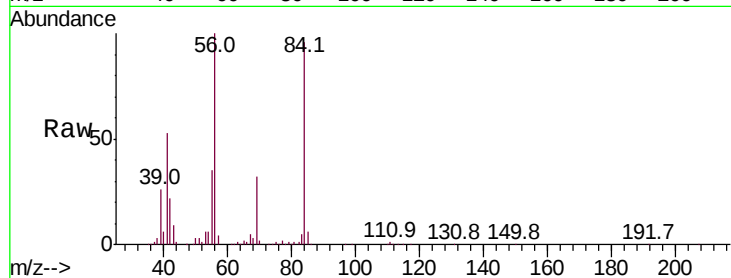
#31
Cyclohexane
Concen: 45.804 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.9	38.9
84	95.4	78.0	117.0

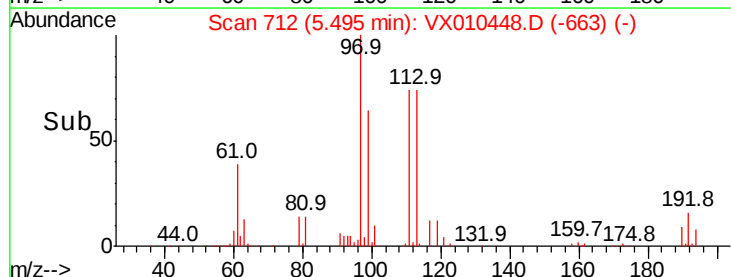
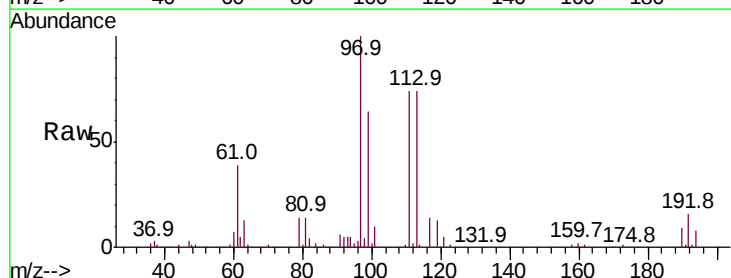
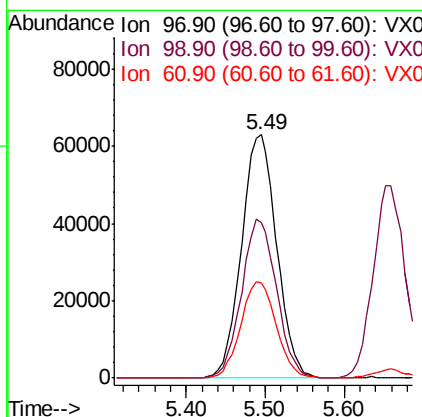
Manual Integrations
APPROVED

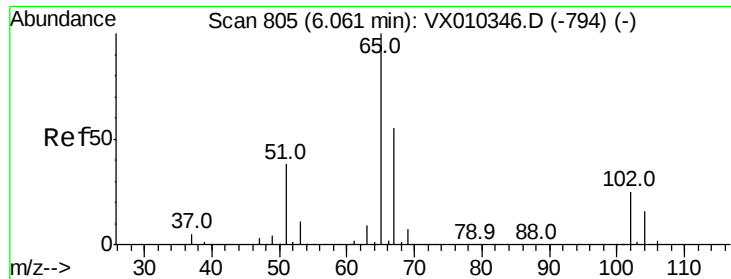
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#32
1,1,1-Trichloroethane
Concen: 46.333 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.8	77.8
61	40.1	32.1	48.1





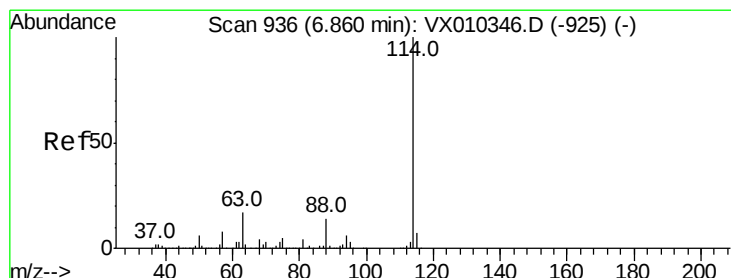
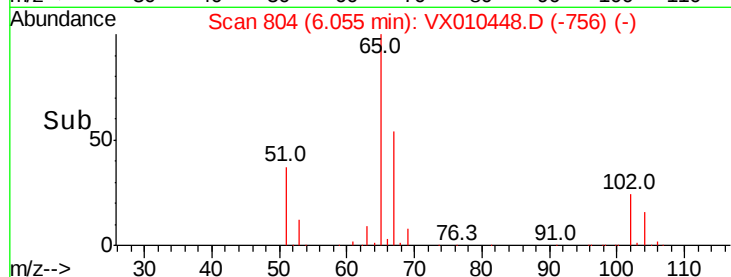
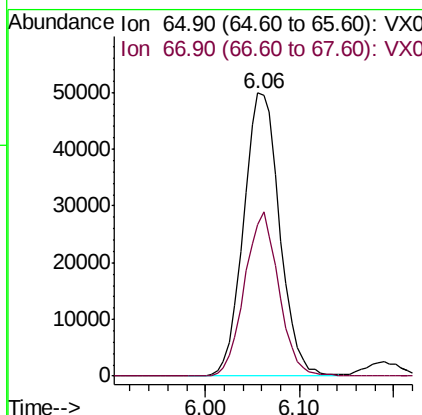
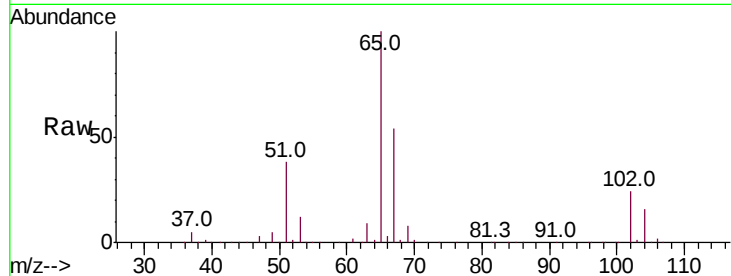
#33
 1,2-Dichloroethane-d4
 Concen: 47.335 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	110.2

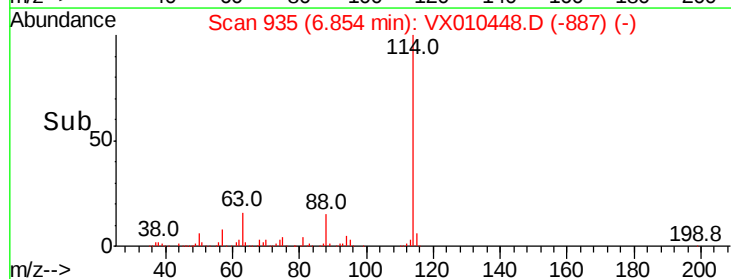
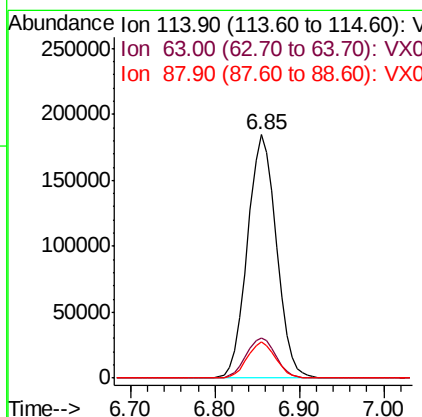
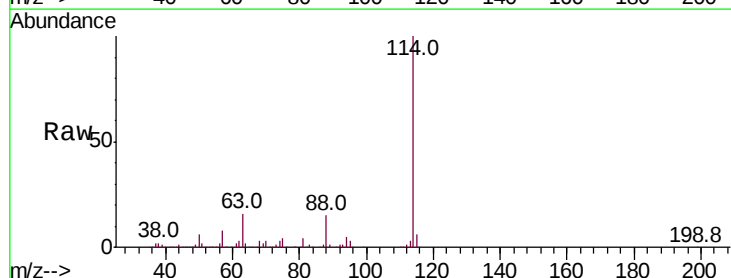
Manual Integrations
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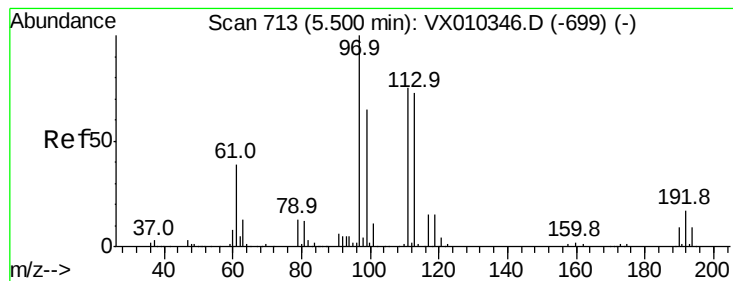
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	33.8
88	14.7	0.0	27.6





#35

Dibromofluoromethane

Concen: 50.367 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

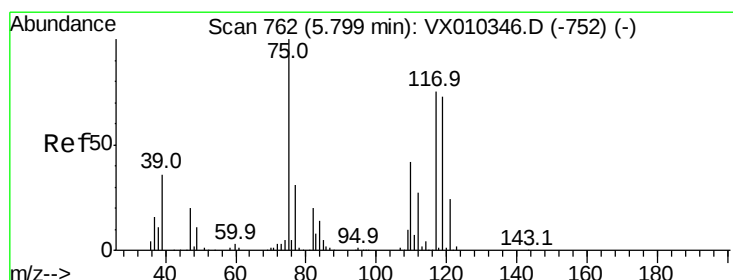
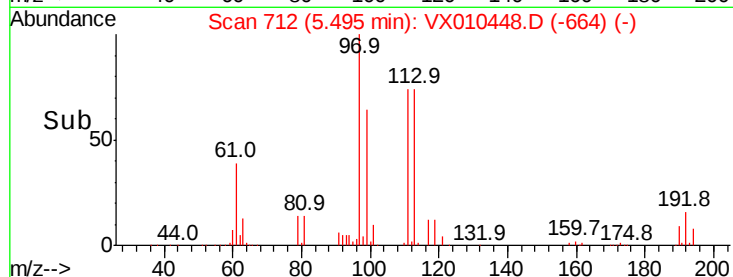
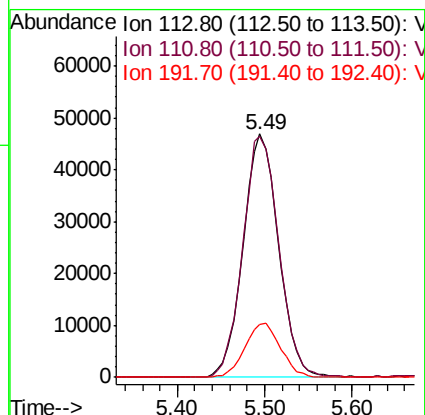
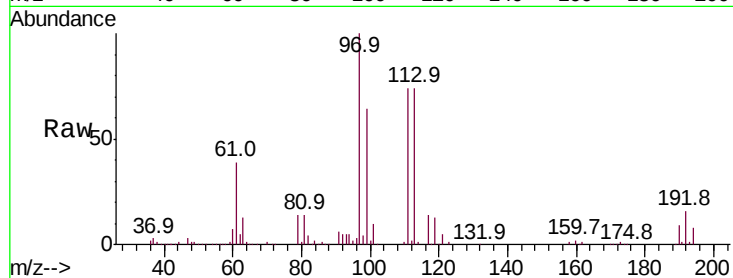
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	132378
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.2	121.8
192	22.4	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.360 ug/l

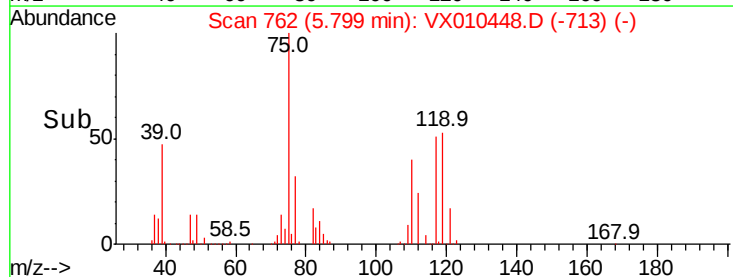
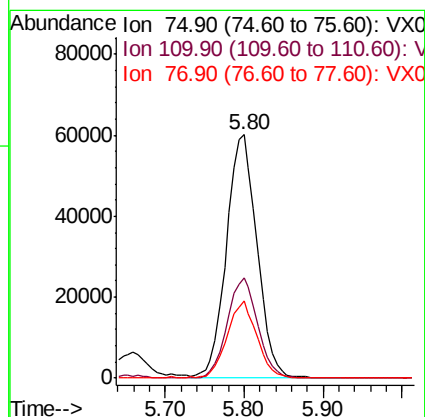
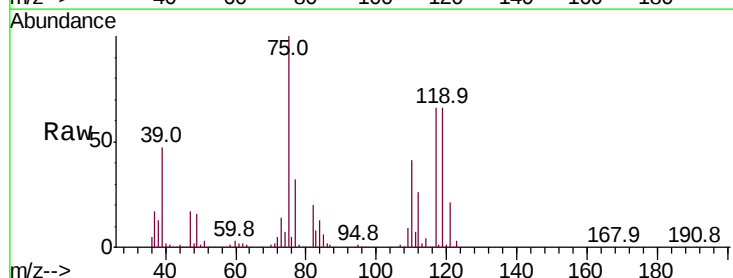
RT: 5.80 min Scan# 762

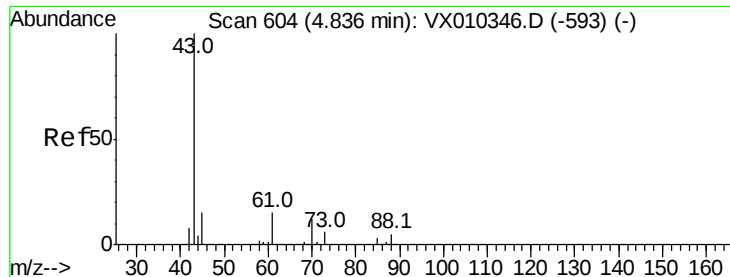
Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tgt Ion:	75	Resp:	161668
Ion Ratio	Lower	Upper	
75	100		
110	41.1	20.8	62.2
77	30.9	25.4	38.0





#37

Ethyl Acetate

Concen: 48.276 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

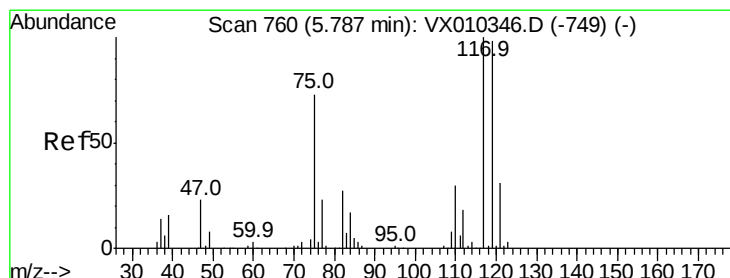
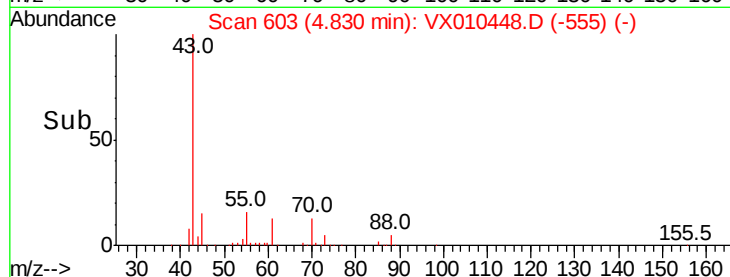
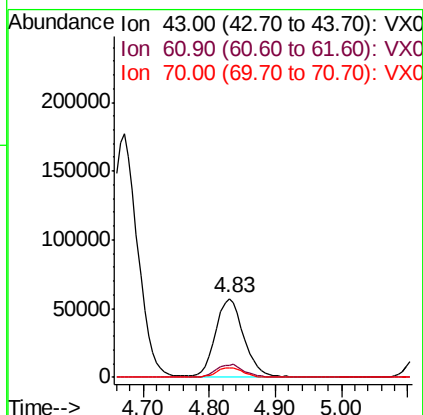
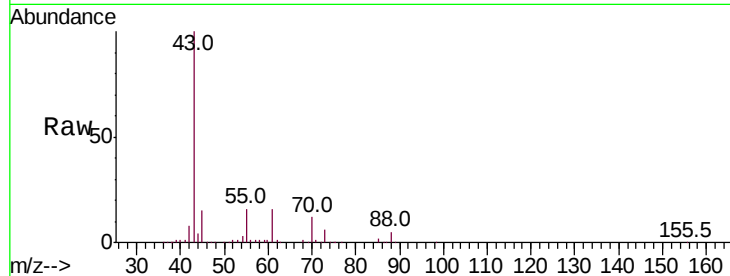
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 169533

Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.4	18.6
70	12.1	9.8	14.8

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 47.666 ug/l

RT: 5.78 min Scan# 759

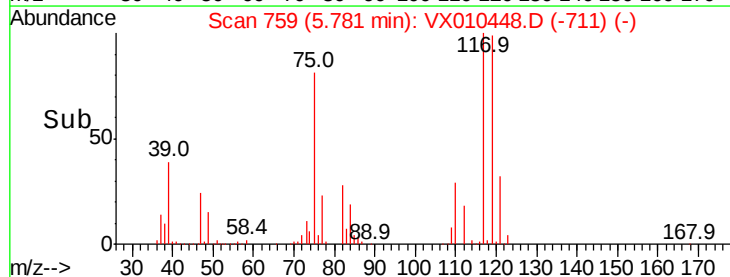
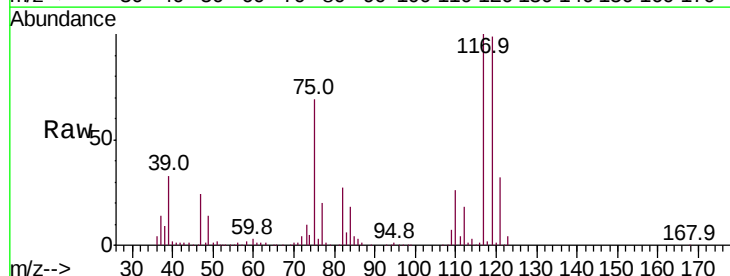
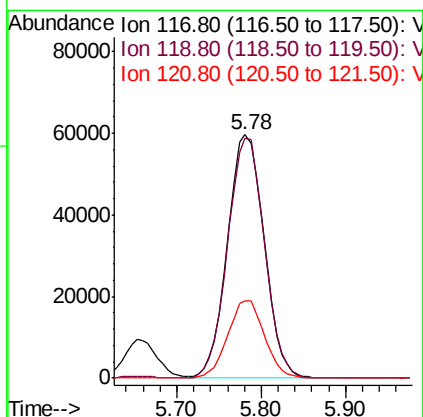
Delta R.T. -0.01 min

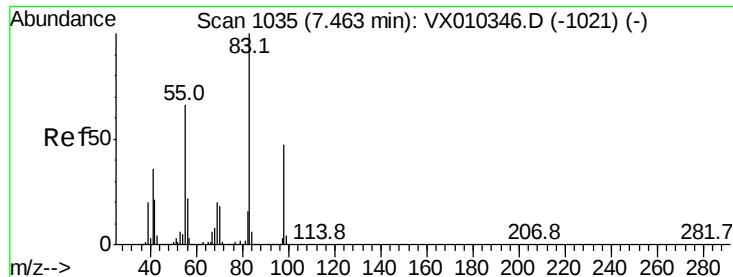
Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tgt Ion: 117 Resp: 176195

Ion	Ratio	Lower	Upper
117	100		
119	98.6	78.2	117.4
121	31.9	24.7	37.1





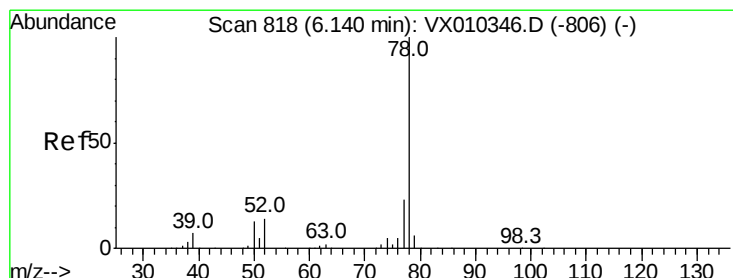
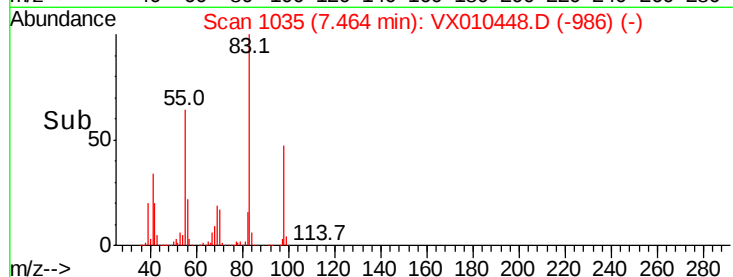
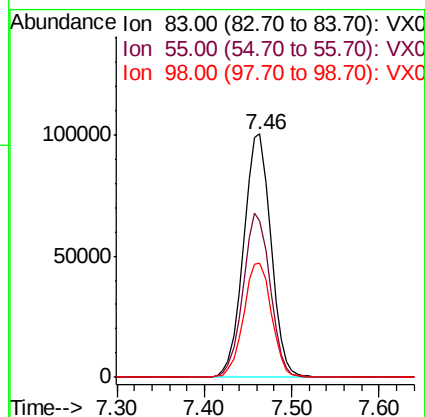
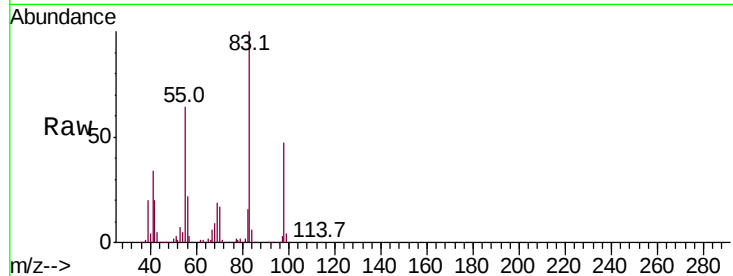
#39
Methvlcvclohexane
Concen: 48.620 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	218160		
55	64.0	53.0	79.6	
98	47.2	37.8	56.8	

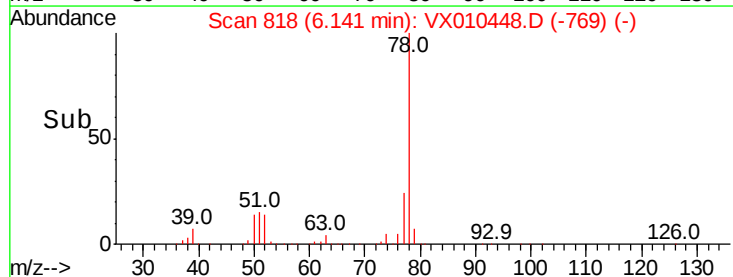
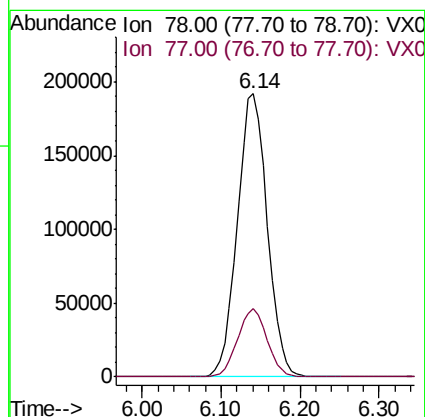
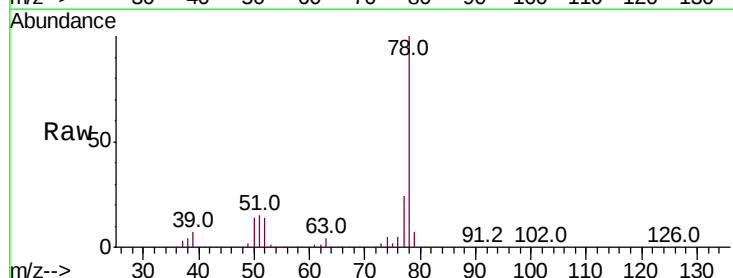
Manual Integrations
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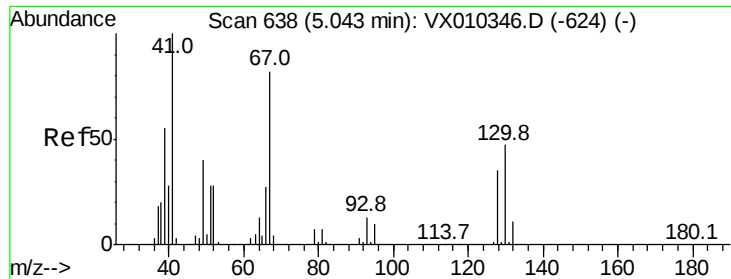
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#40
Benzene
Concen: 47.683 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	507107		
77	24.2	18.6	28.0	





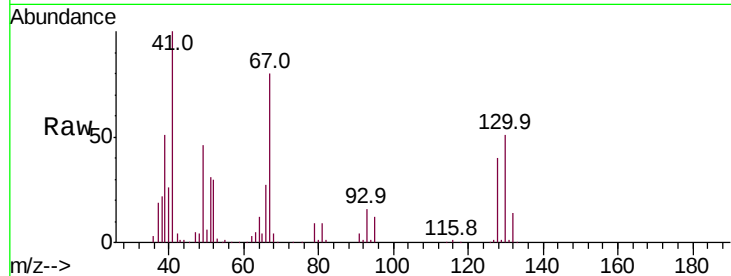
#41
Methacrylonitrile
Concen: 46.977 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.8	65.8
67	84.1	66.6	100.0
52	31.5	24.5	36.7

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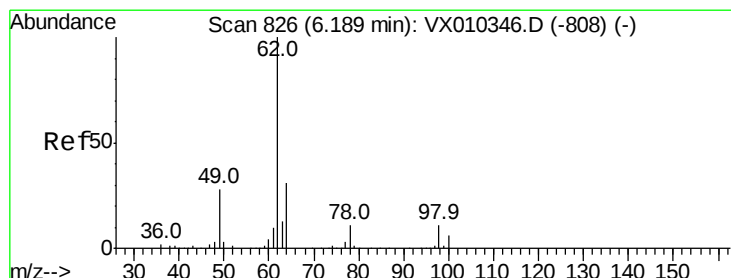
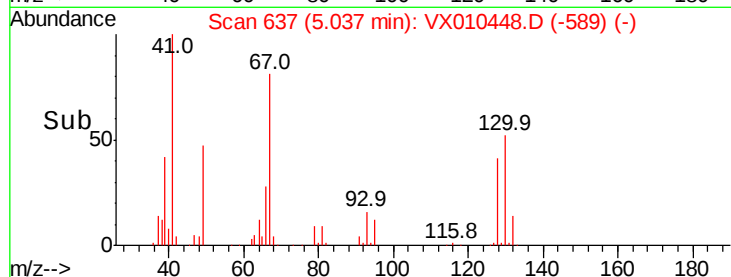
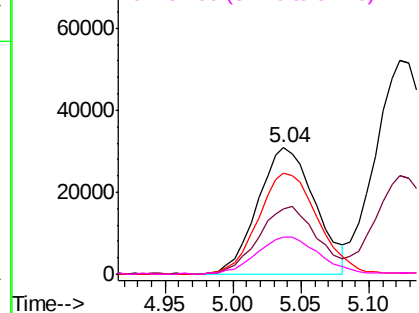
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

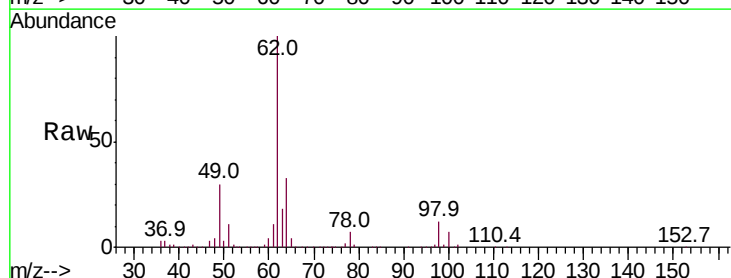
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.287 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

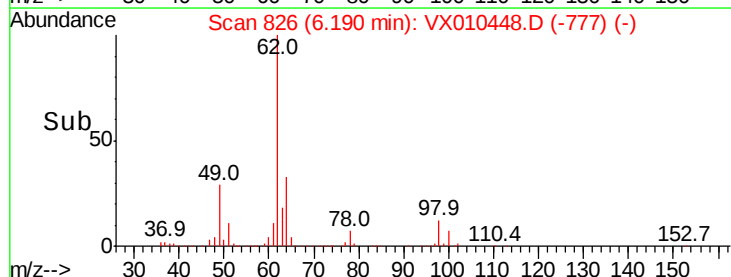
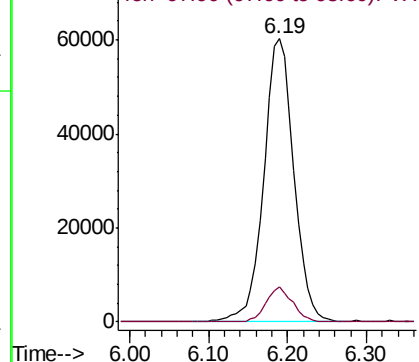
Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.2

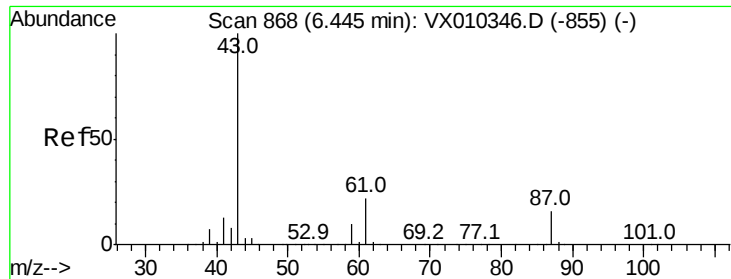


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

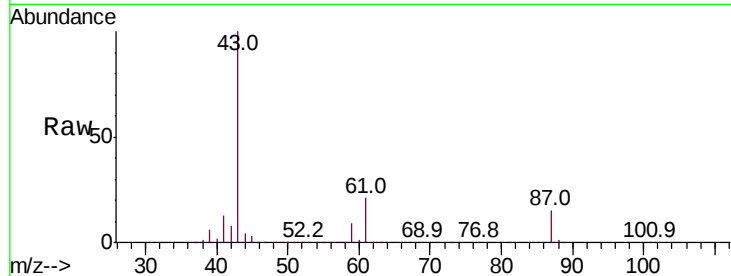
Isopropyl Acetate
 Concen: 48.247 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

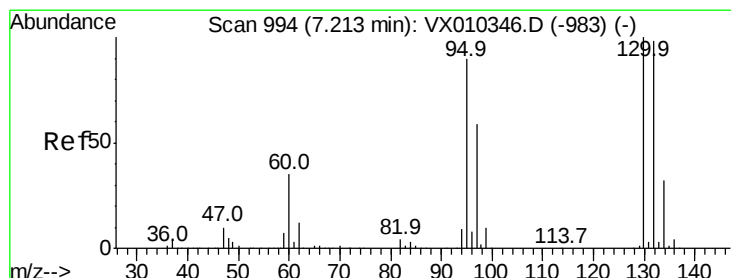
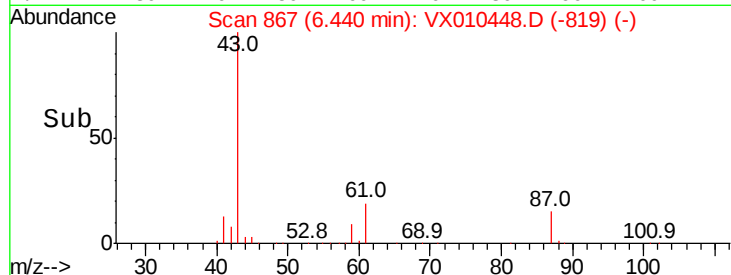
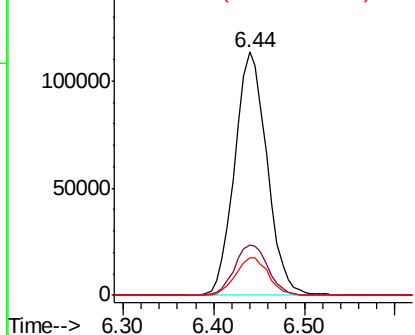
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.8	26.6
87	15.8	13.0	19.4

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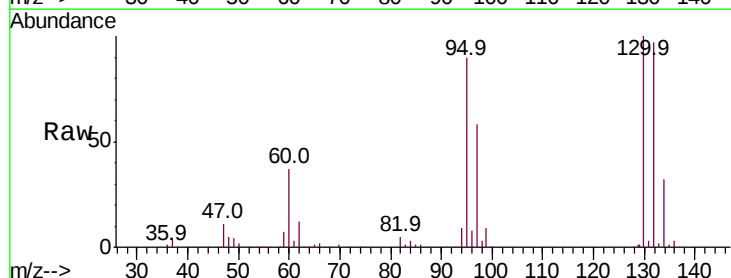
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



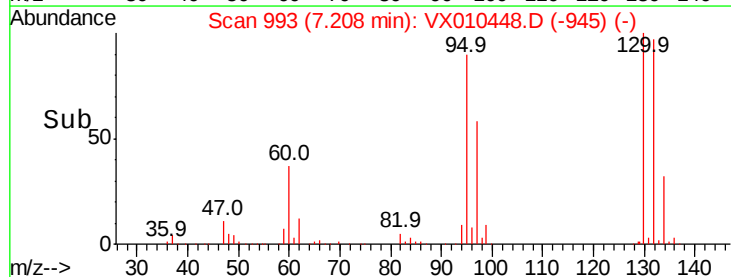
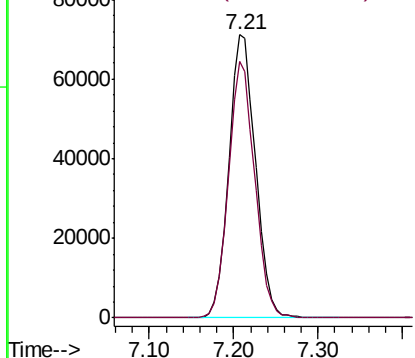
#44

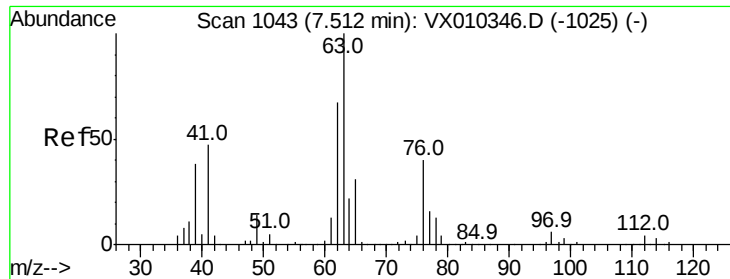
Trichloroethene
 Concen: 47.806 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	180.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.591 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 127811

Ion Ratio Lower Upper

63 100

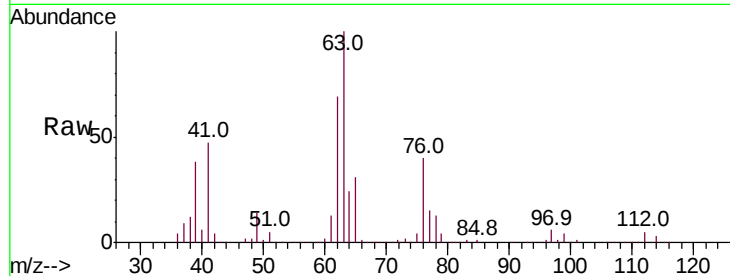
65 30.5 24.8 37.2

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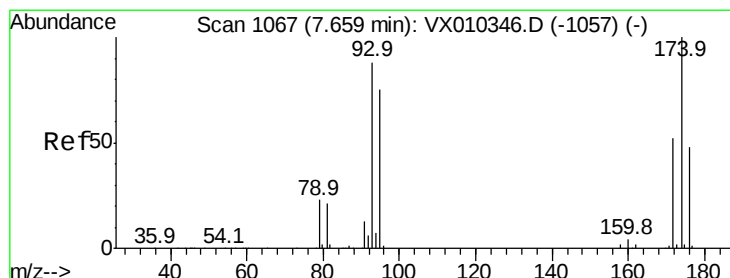
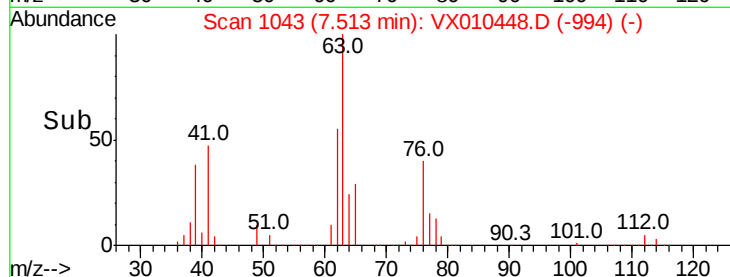
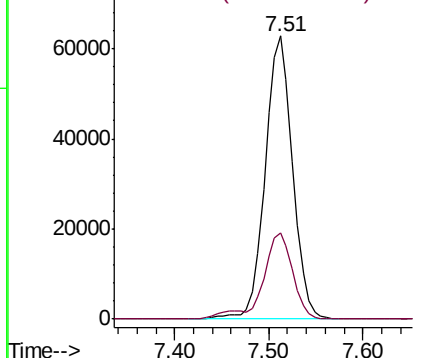
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.604 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

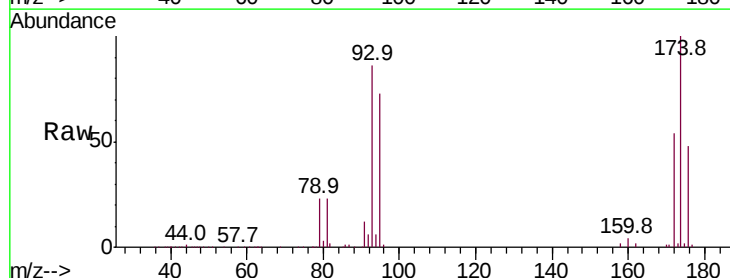
Tgt Ion: 93 Resp: 93653

Ion Ratio Lower Upper

93 100

95 81.6 67.5 101.3

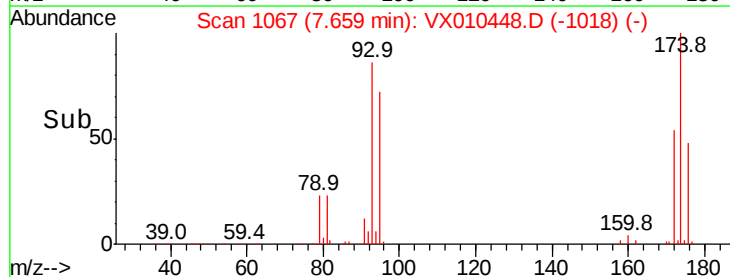
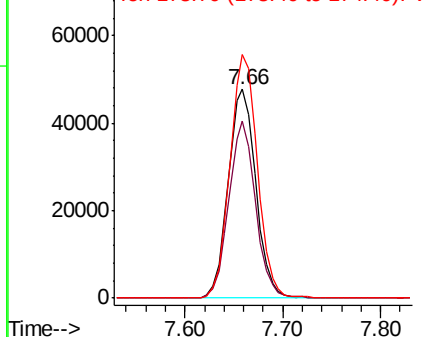
174 116.0 95.8 143.6

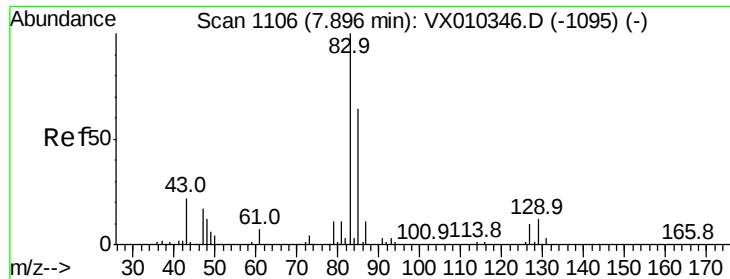


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.356 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

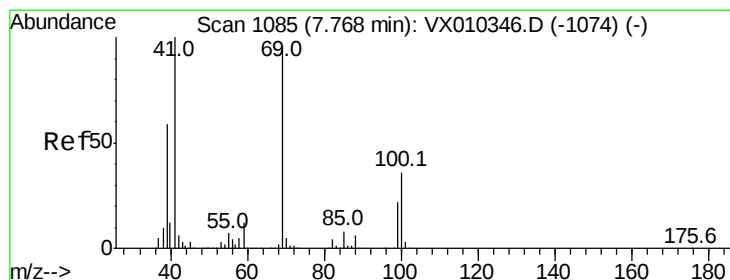
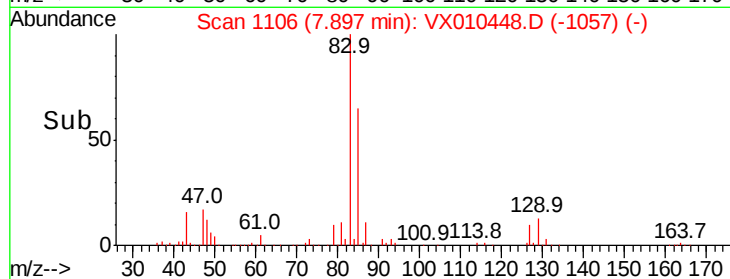
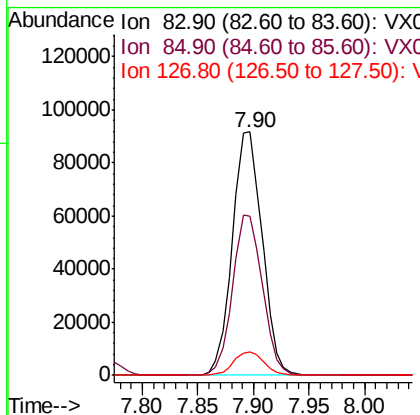
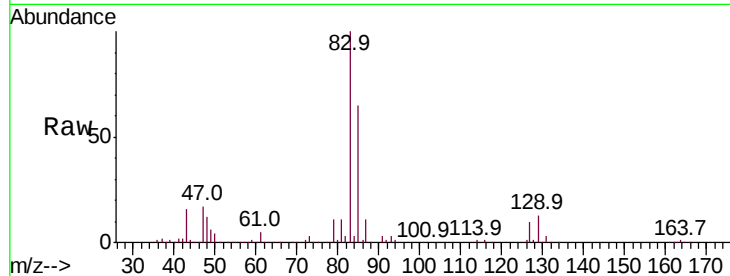
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	170755
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.5	77.3
127	9.7	7.8	11.8

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#48

Methyl methacrylate

Concen: 48.591 ug/l

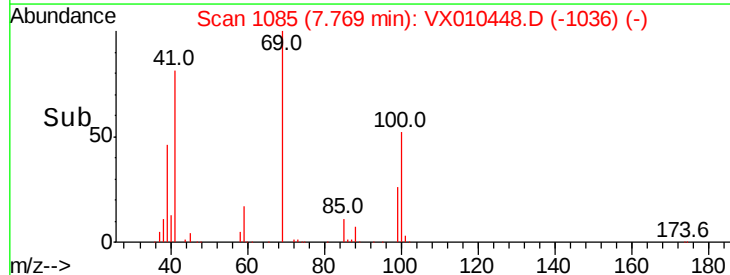
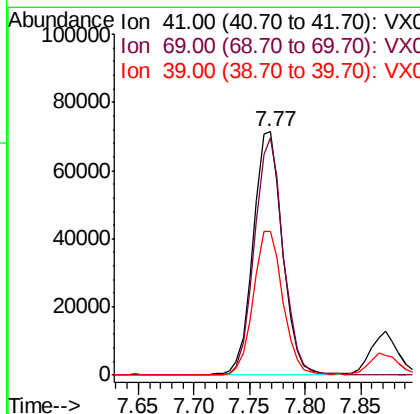
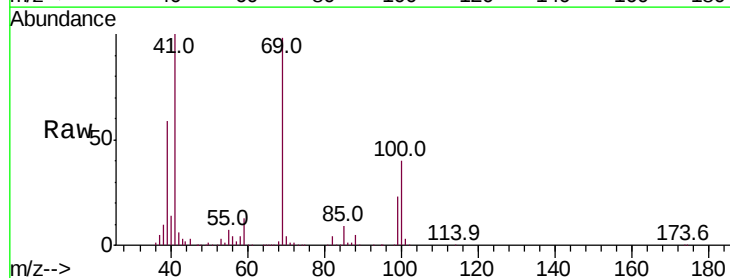
RT: 7.77 min Scan# 1085

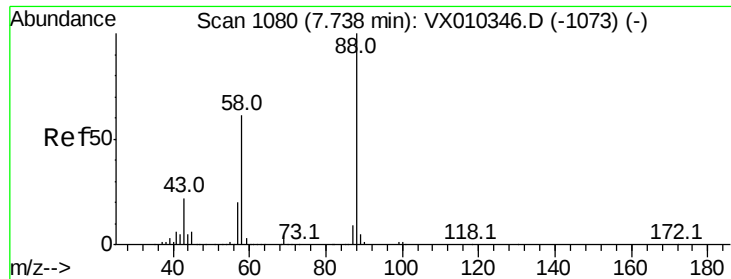
Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tgt Ion:	41	Resp:	131227
Ion	Ratio	Lower	Upper
41	100		
69	96.1	76.1	114.1
39	59.4	47.6	71.4





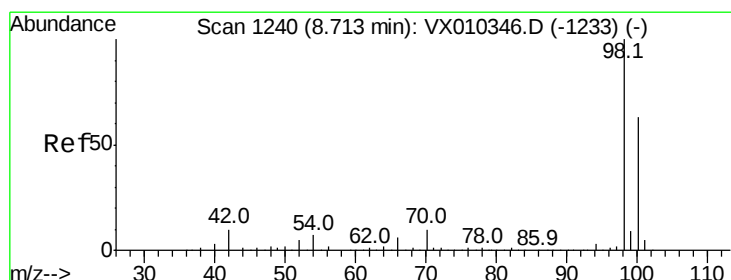
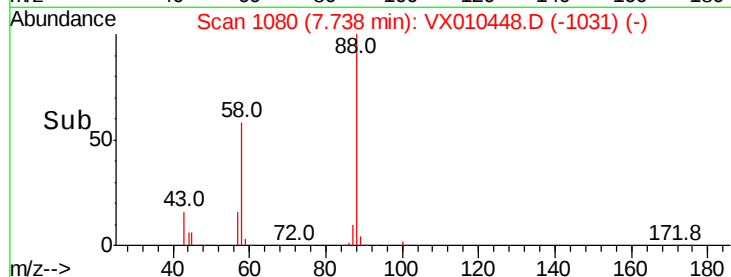
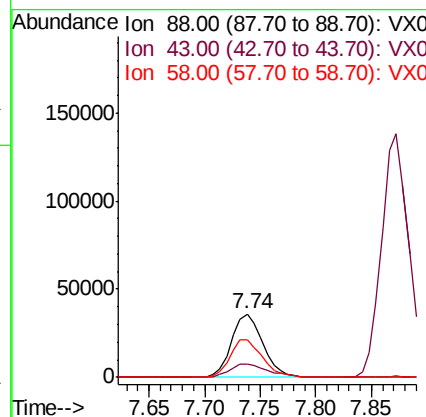
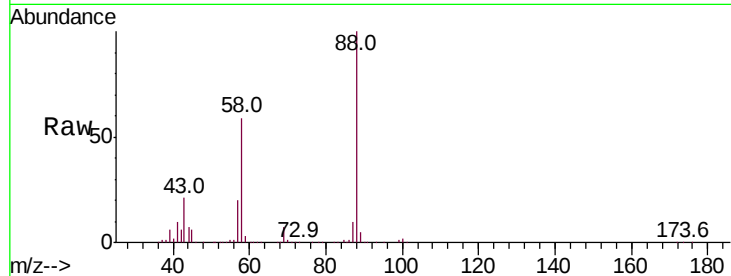
#49
1,4-Dioxane
Concen: 902.344 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.4	20.2	30.2
58	62.1	49.5	74.3

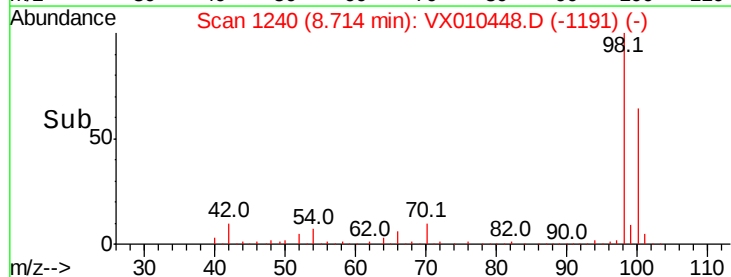
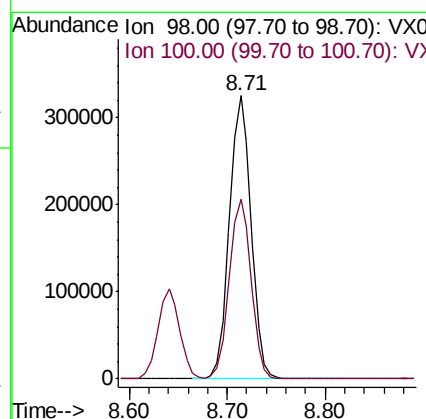
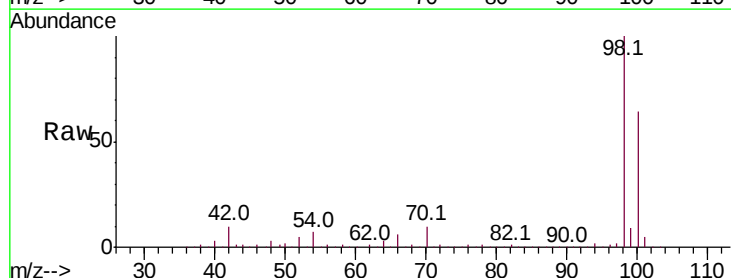
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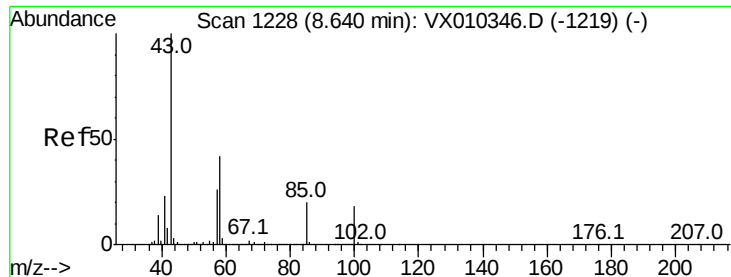
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#50
Toluene-d8
Concen: 49.694 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 238.206 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 885160

Ion Ratio Lower Upper

43 100

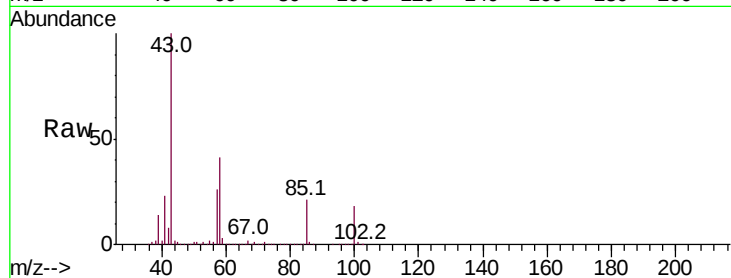
58 41.7 33.5 50.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

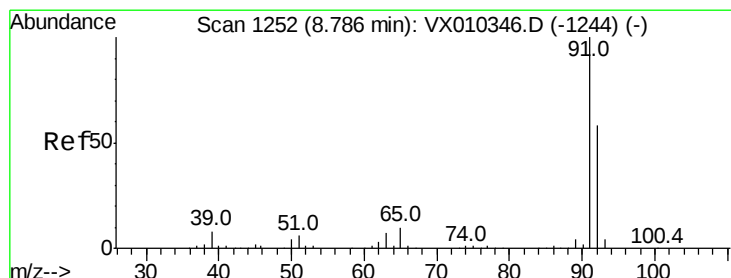
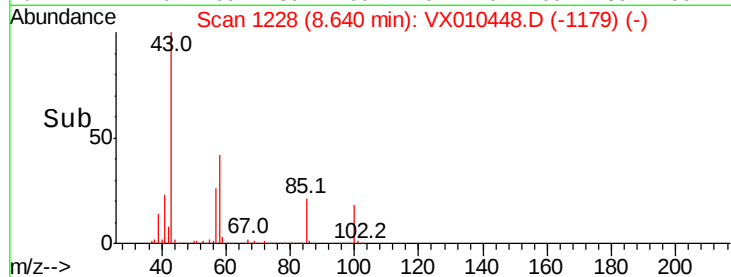
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 47.393 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010448.D

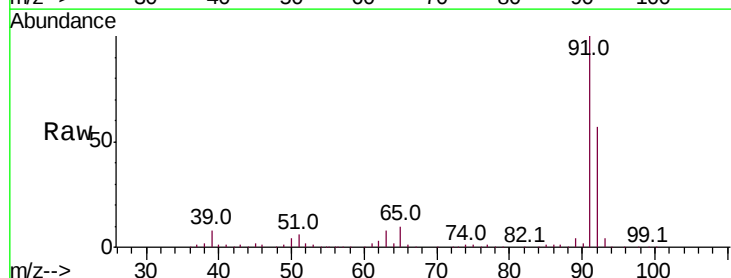
Acq: 26 Jun 2019 09:21

Tgt Ion: 92 Resp: 331920

Ion Ratio Lower Upper

92 100

91 175.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

400000

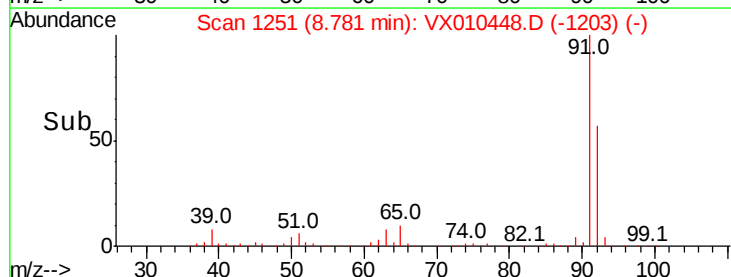
300000

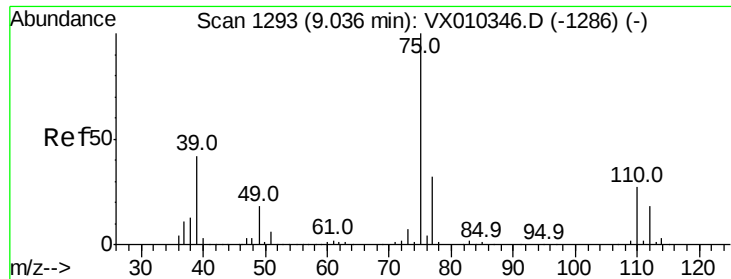
200000

100000

0

Time-->





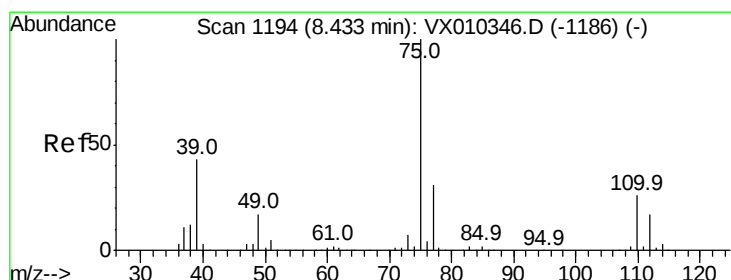
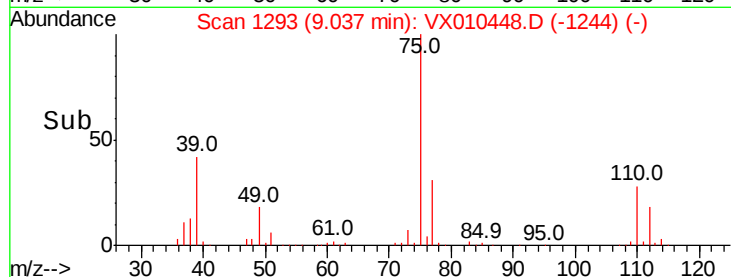
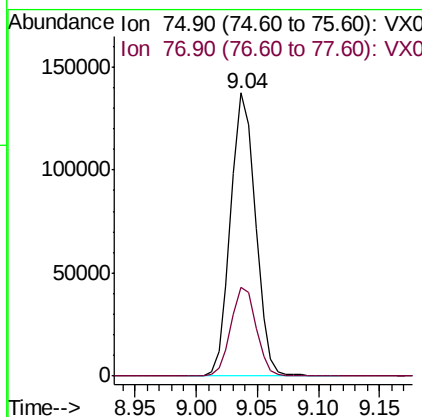
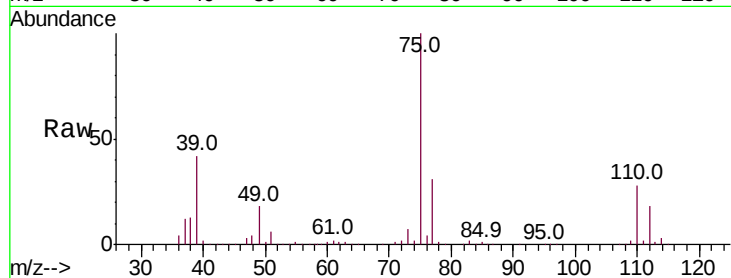
#53
t-1,3-Dichloropropene
Concen: 49.068 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2

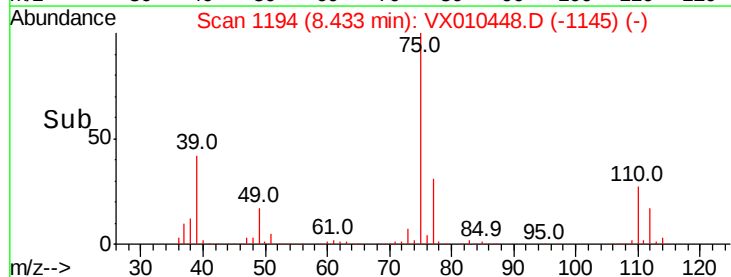
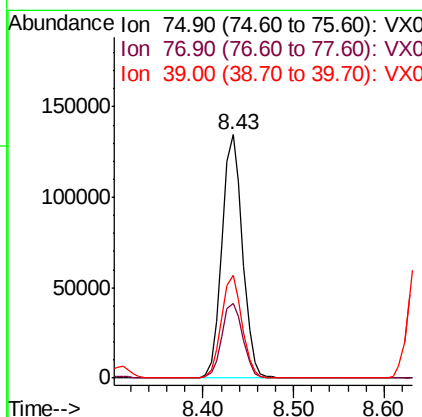
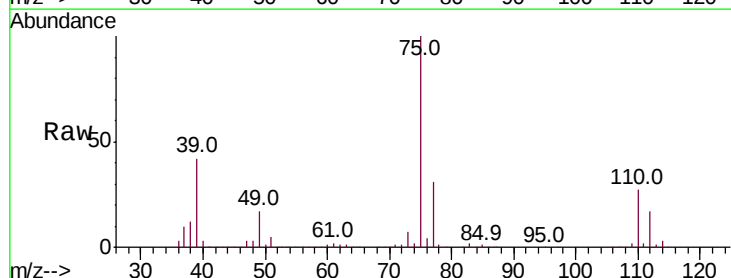
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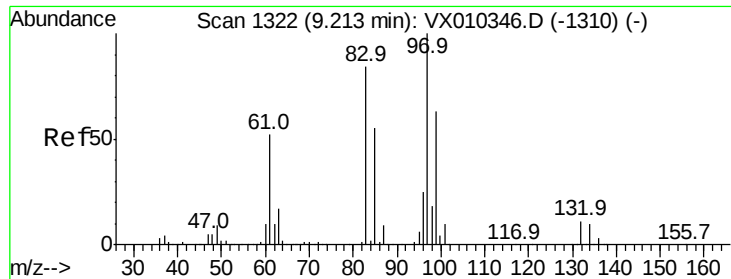
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#54
cis-1,3-Dichloropropene
Concen: 49.517 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.2	37.8
39	42.1	34.5	51.7





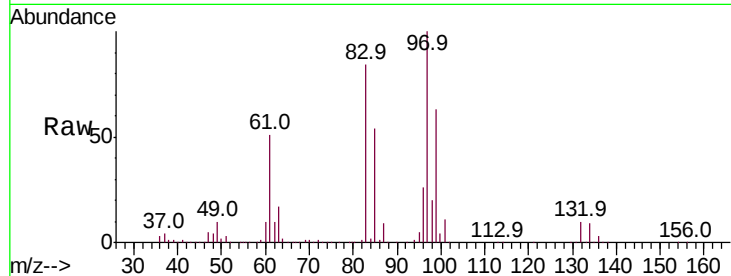
#55
1,1,2-Trichloroethane
Concen: 48.535 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

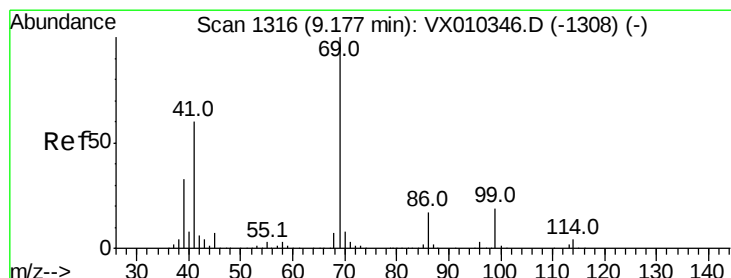
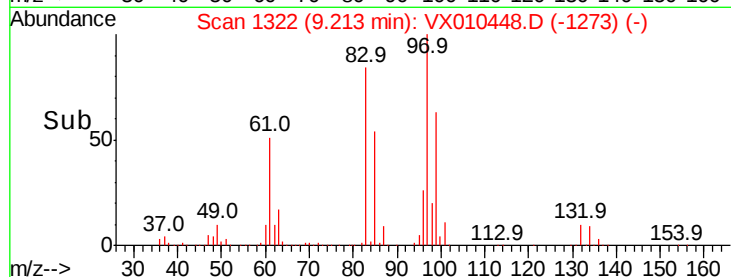
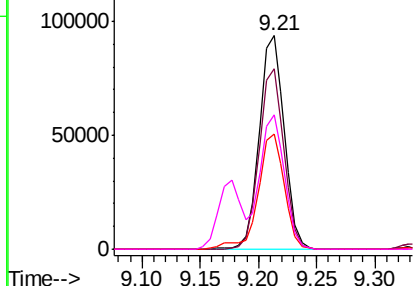
Tot Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.0
85	54.2	43.8	65.8
99	62.9	50.3	75.5

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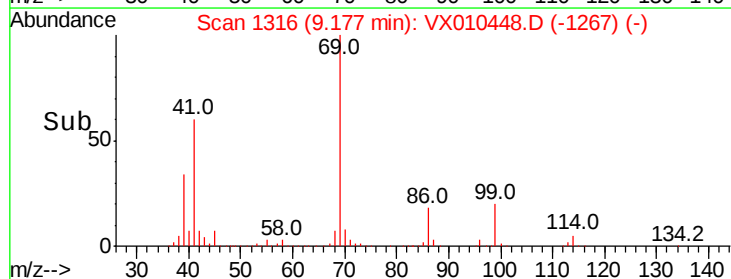
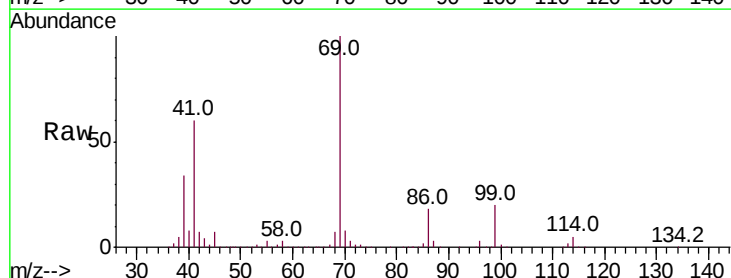
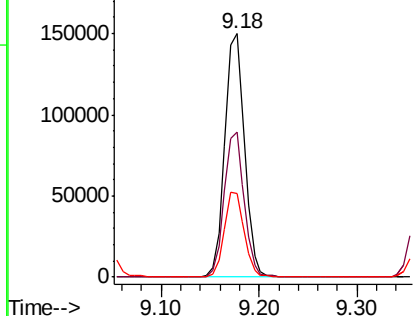
Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

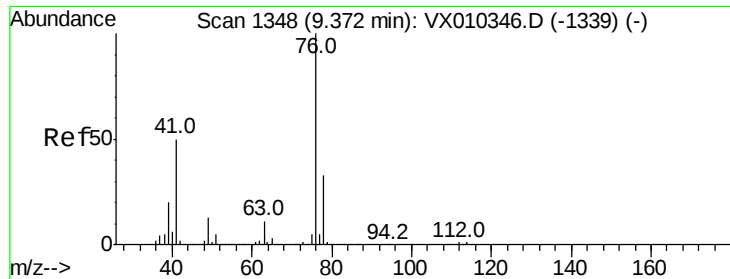


#56
Ethyl methacrylate
Concen: 48.265 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.1	70.7
39	34.7	26.6	40.0

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





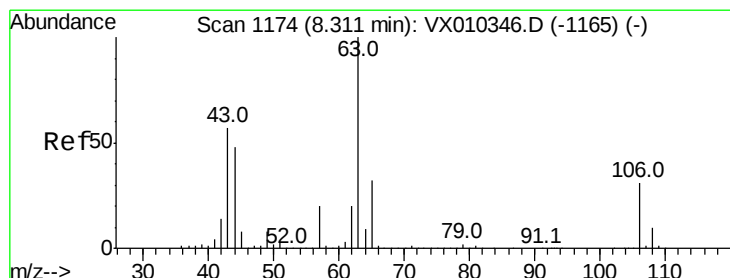
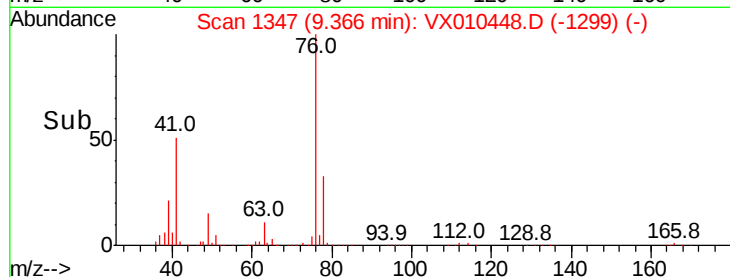
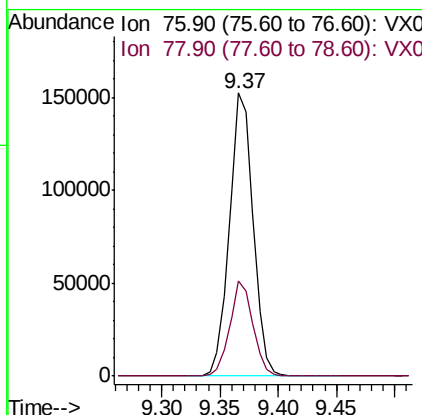
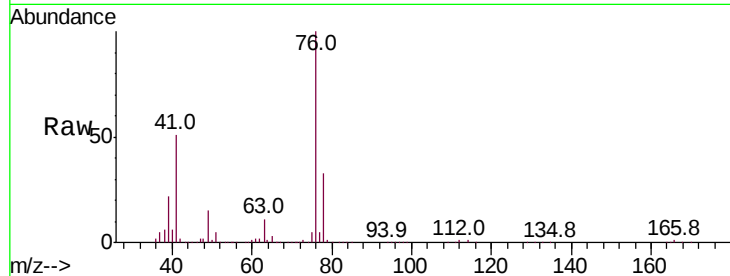
#57
 1,3-Dichloropropane
 Concen: 48.215 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 216179
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1

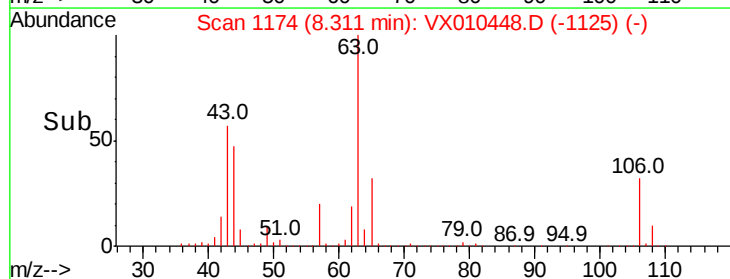
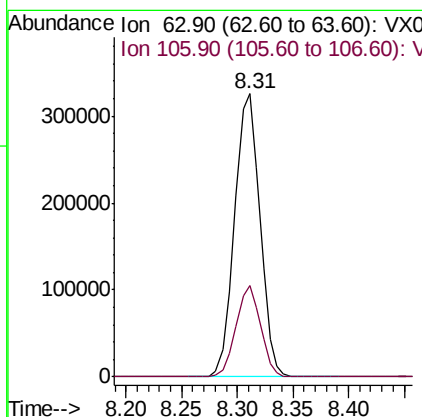
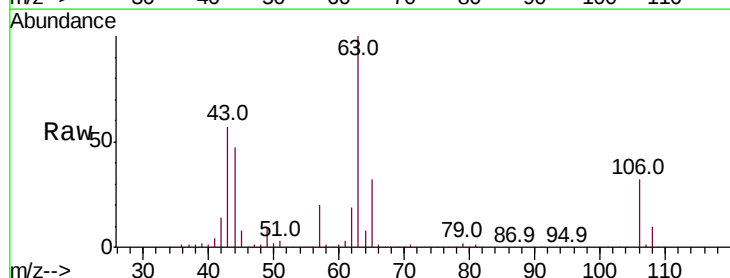
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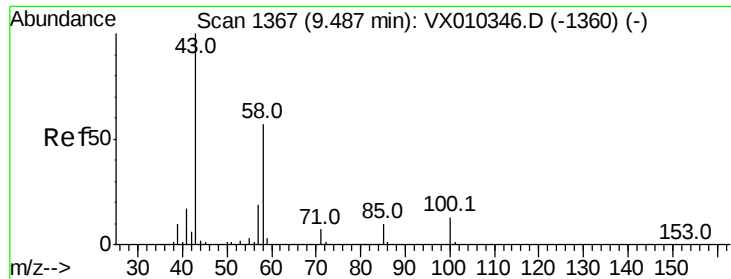
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 6/27/2019 10:11:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.733 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion: 63 Resp: 514804
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.7 37.1





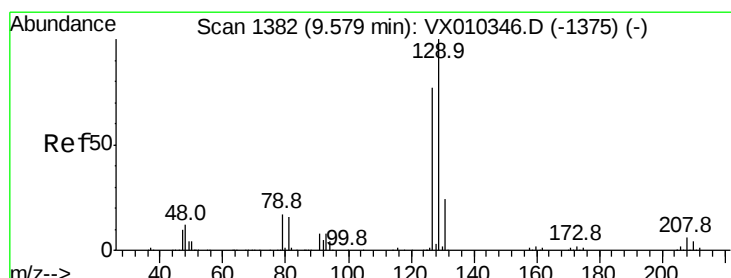
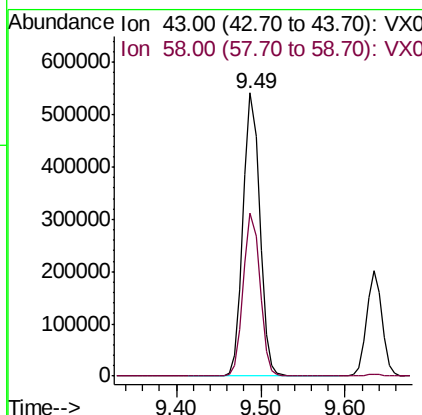
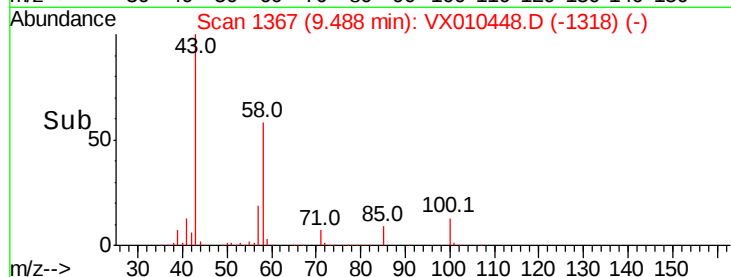
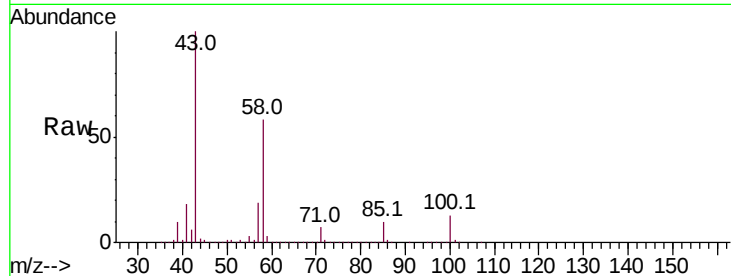
#59
2-Hexanone
Concen: 244.386 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 714727
Ion Ratio Lower Upper
43 100
58 57.4 29.0 87.1

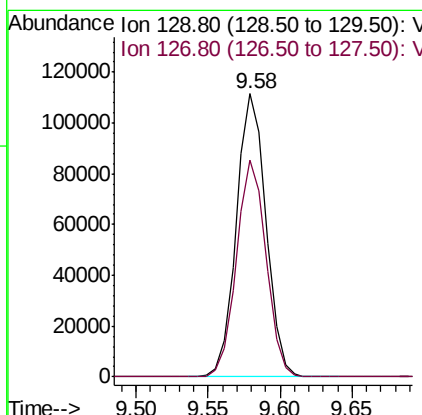
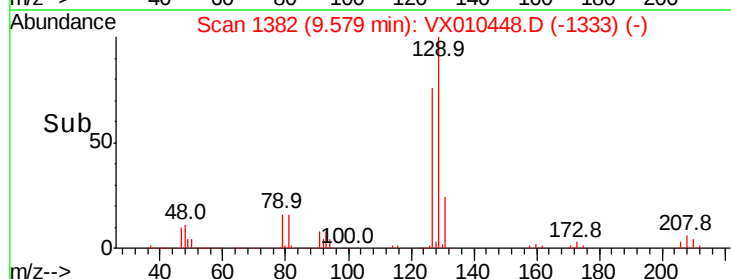
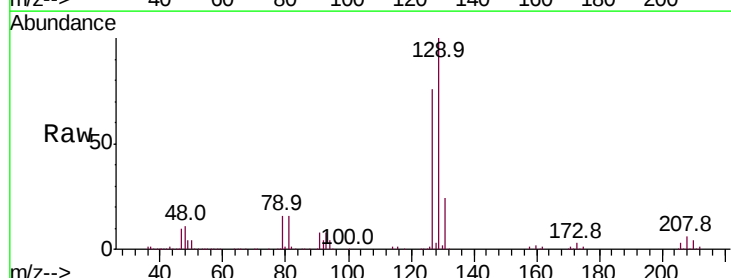
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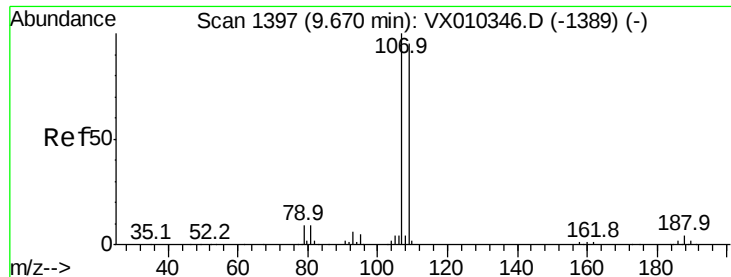
MMDadoda
6/27/2019 10:11:30 AM



#60
Dibromochloromethane
Concen: 49.273 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 129 Resp: 159351
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.790 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 152113

Ion Ratio Lower Upper

107 100

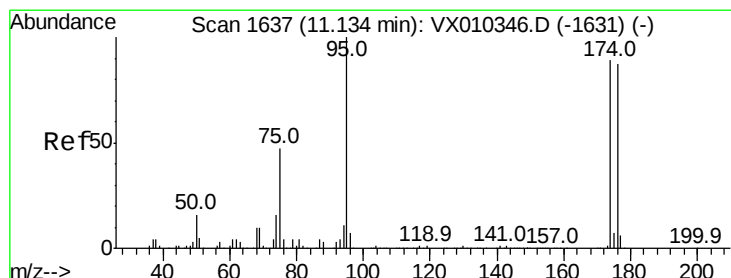
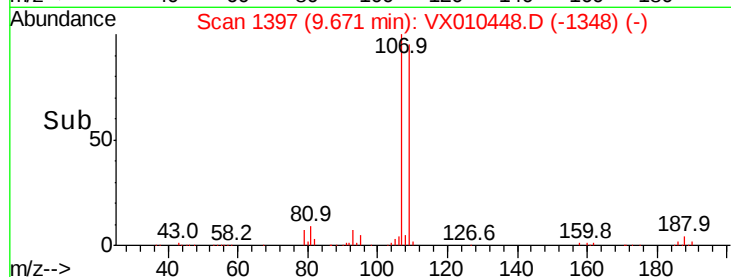
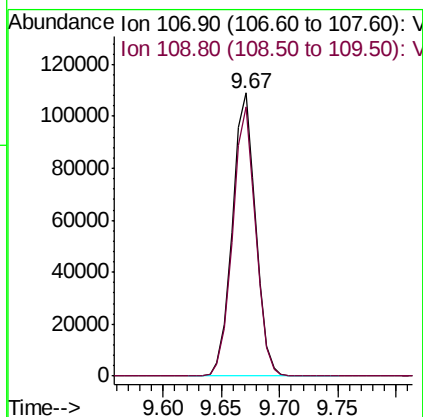
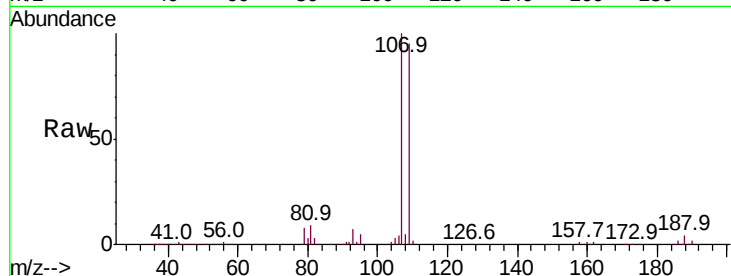
109 94.3 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 49.836 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

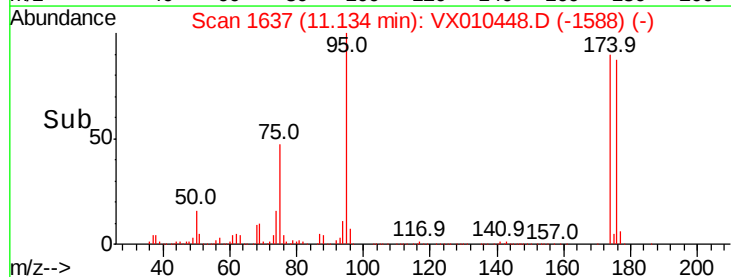
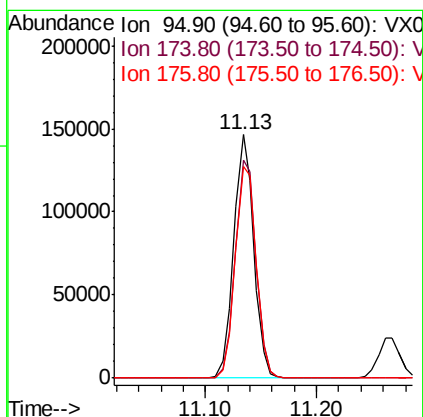
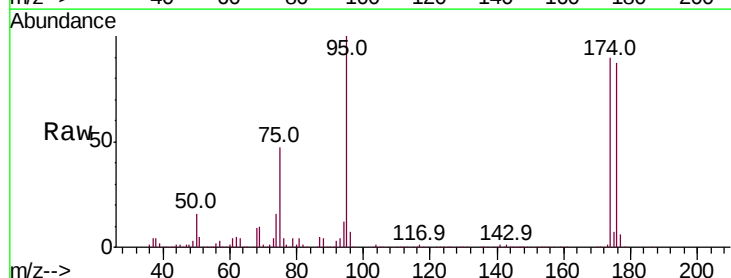
Tgt Ion: 95 Resp: 180915

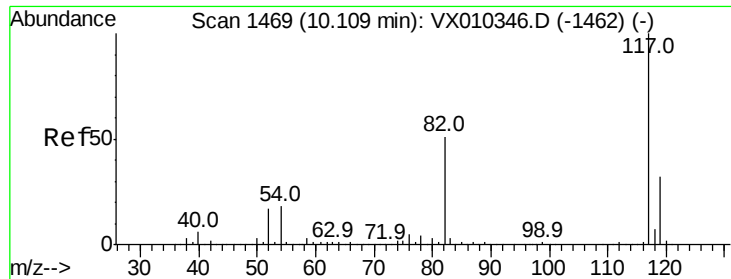
Ion Ratio Lower Upper

95 100

174 93.5 0.0 187.6

176 91.8 0.0 184.0





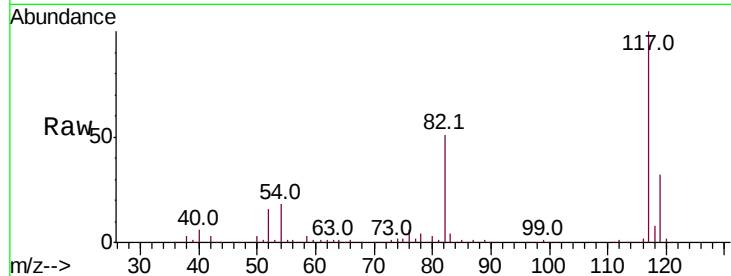
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	389651		
82	51.2	41.2	61.8	
119	32.5	25.5	38.3	

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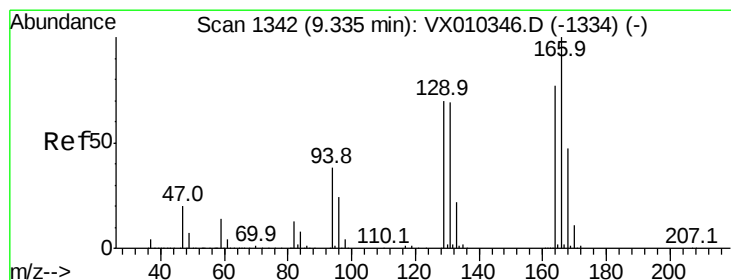
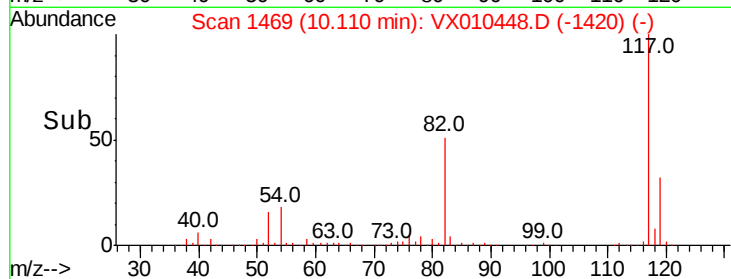
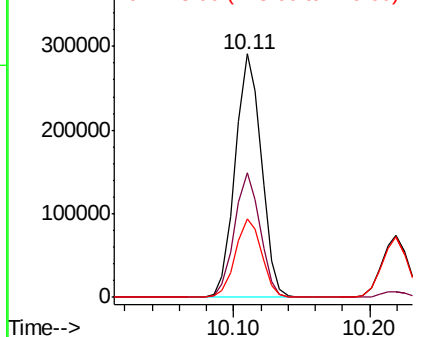


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.686 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150288		
166	126.2	103.6	155.4	
129	86.4	73.0	109.4	
131	85.4	71.0	106.4	

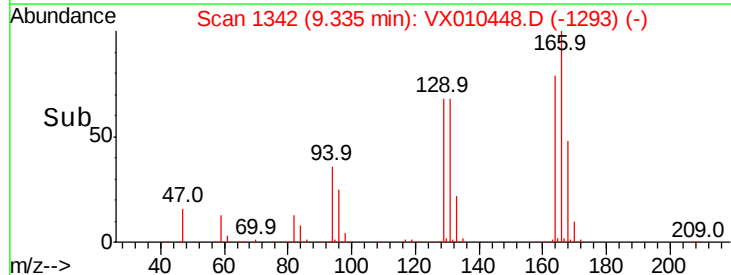
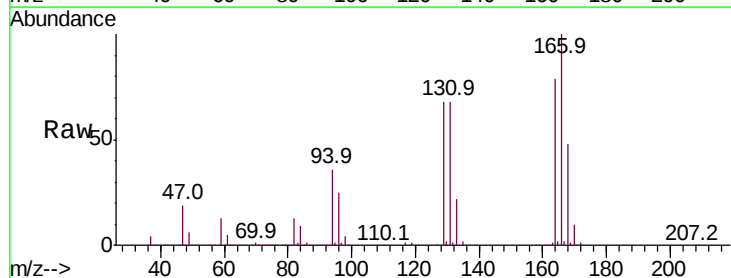
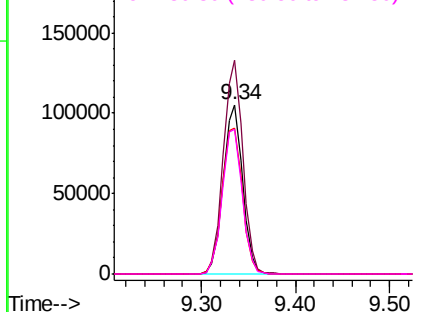
Abundance

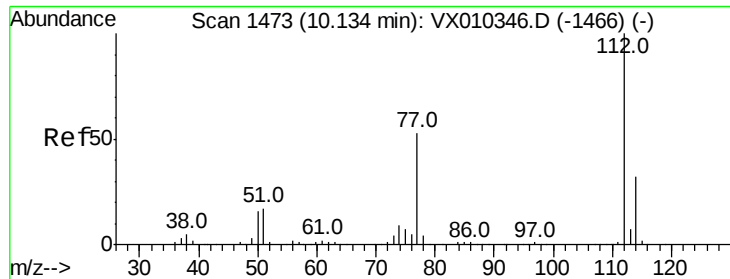
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





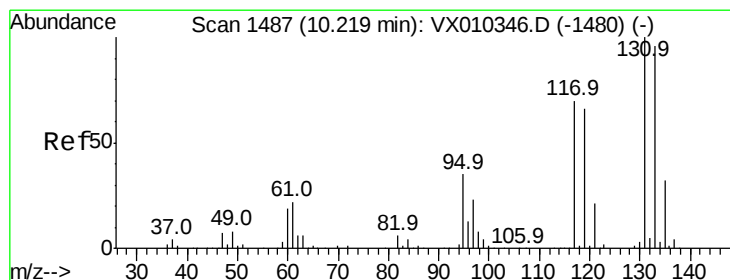
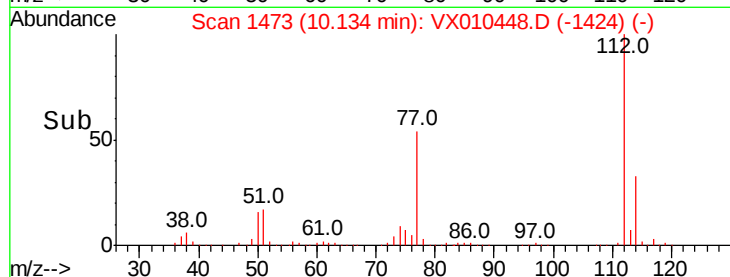
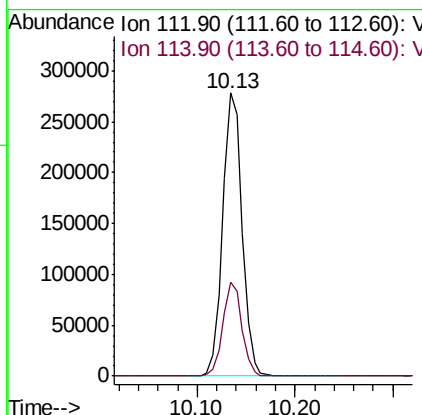
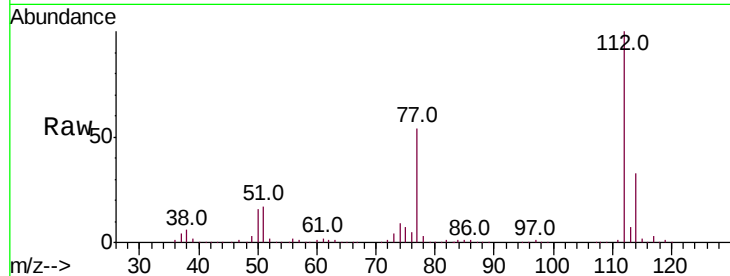
#65
Chlorobenzene
Concen: 48.284 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 381956
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2

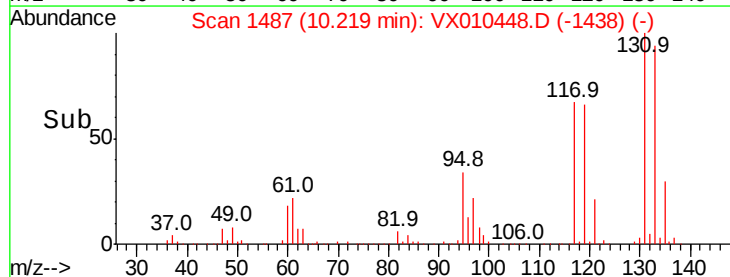
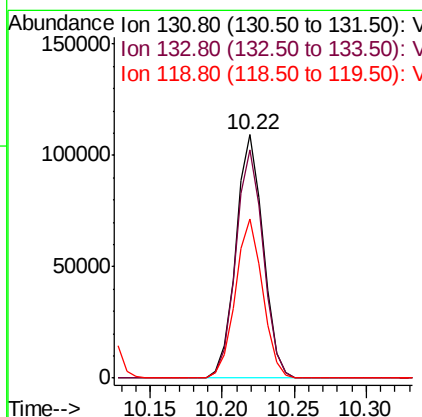
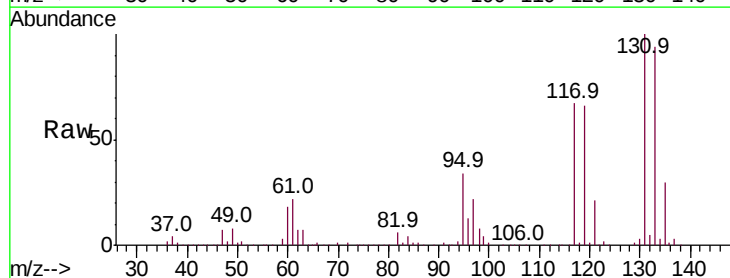
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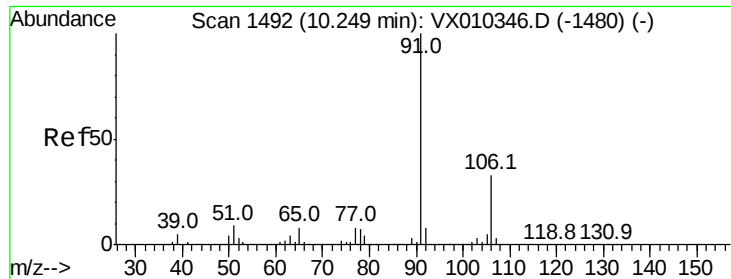
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.089 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion:131 Resp: 144330
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 65.7 32.6 97.7





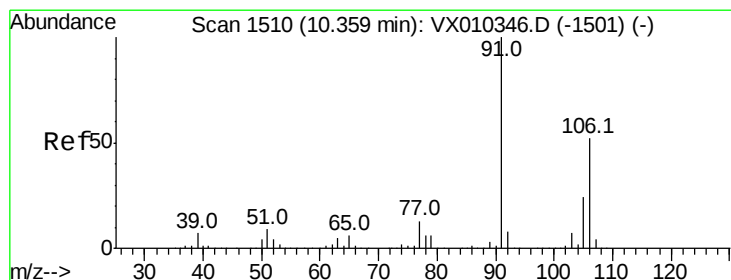
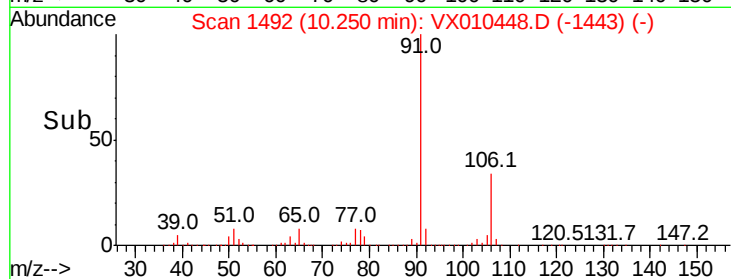
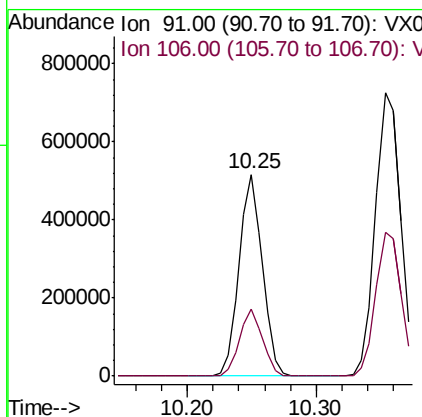
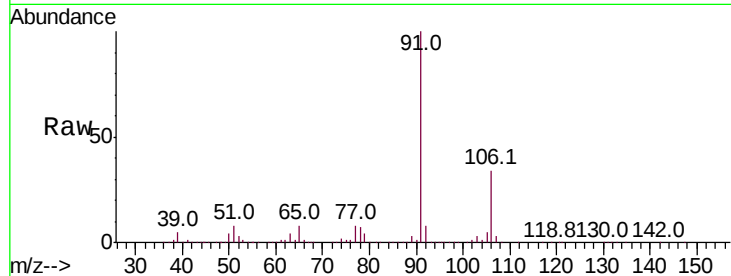
#67
Ethyl Benzene
Concen: 48.684 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 650167
Ion Ratio Lower Upper
91 100
106 33.5 26.2 39.2

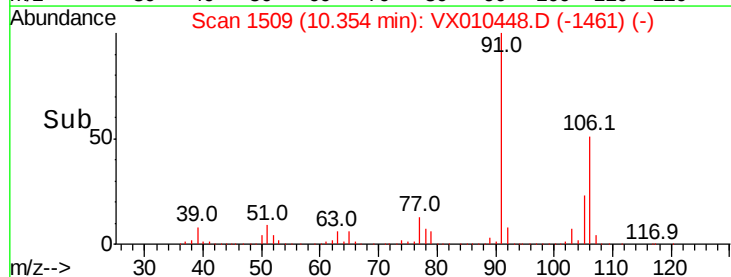
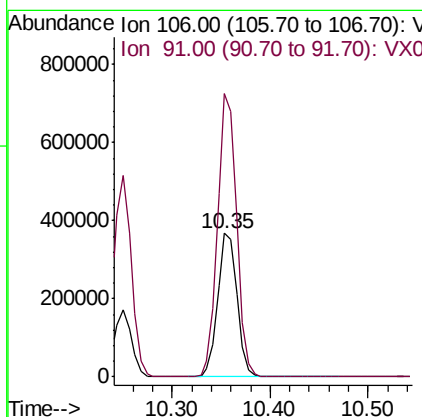
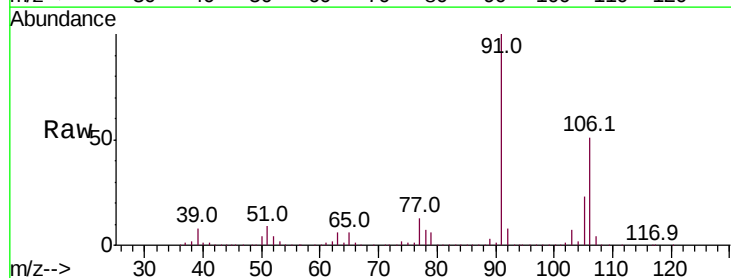
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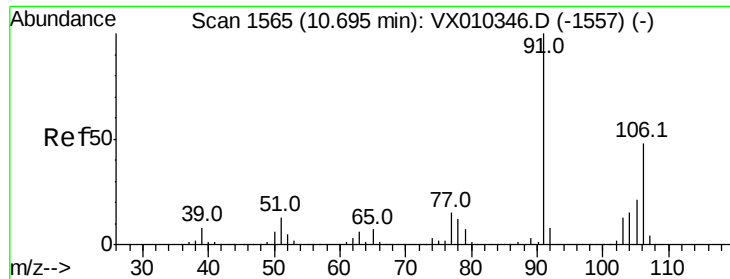
MMDadoda
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#68
m/p-Xylenes
Concen: 96.945 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion: 106 Resp: 501663
Ion Ratio Lower Upper
106 100
91 195.3 155.3 232.9





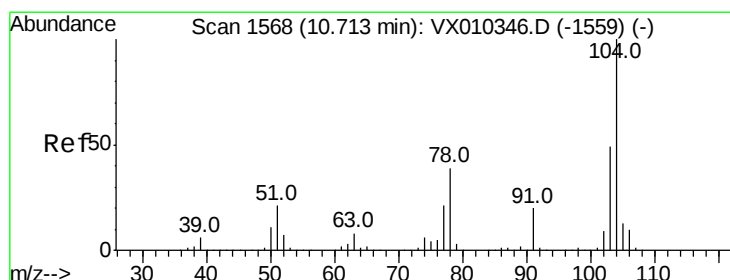
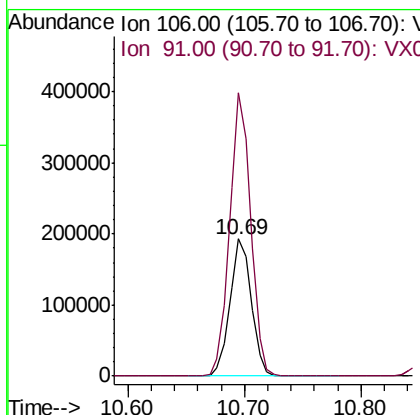
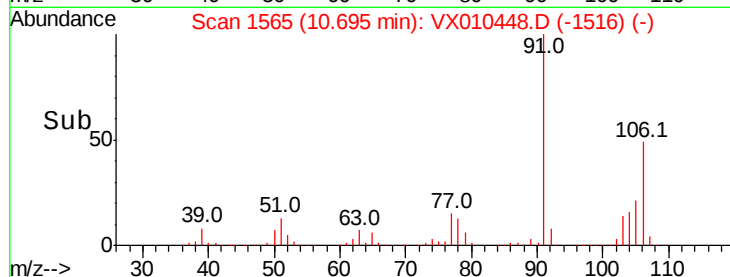
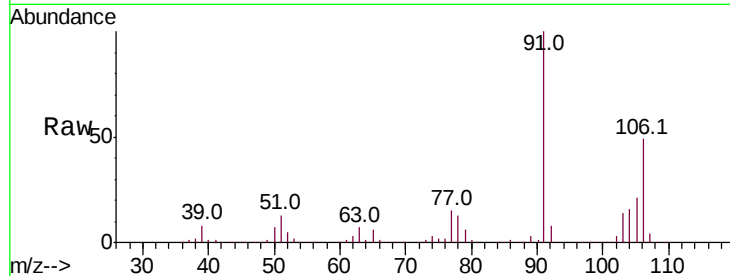
#69
o-Xylene
Concen: 48.438 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 246492
Ion Ratio Lower Upper
106 100
91 203.4 102.7 308.1

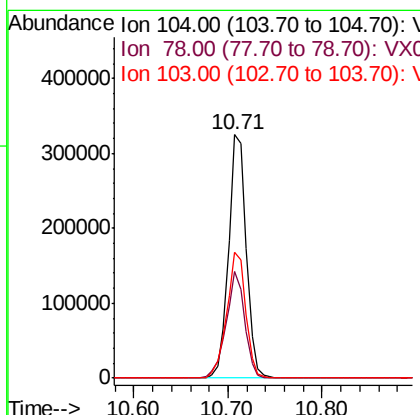
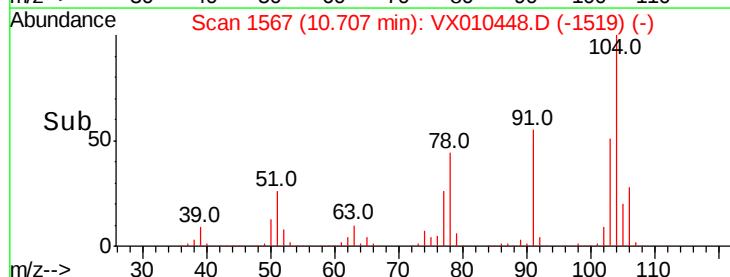
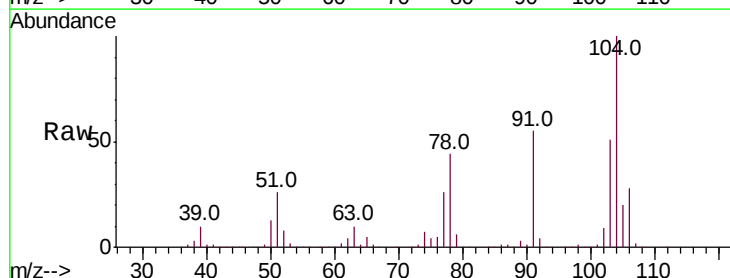
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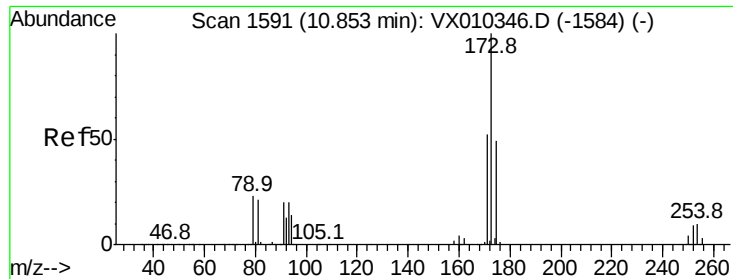
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#70
Styrene
Concen: 49.572 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion:104 Resp: 423057
Ion Ratio Lower Upper
104 100
78 45.9 36.2 54.2
103 55.5 44.2 66.4





#71

Bromoform

Concen: 49.841 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

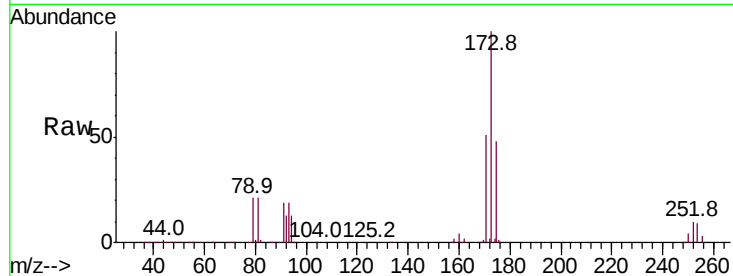
ClientSampled :

VSTDCCC050

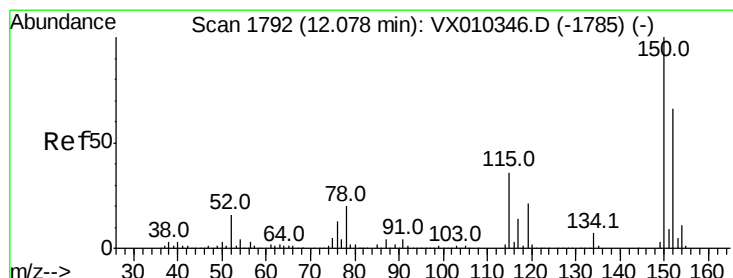
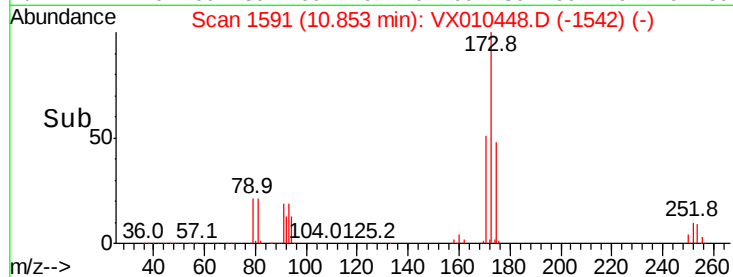
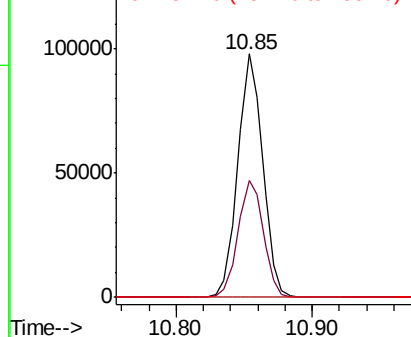
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.2	0.2	0.2

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

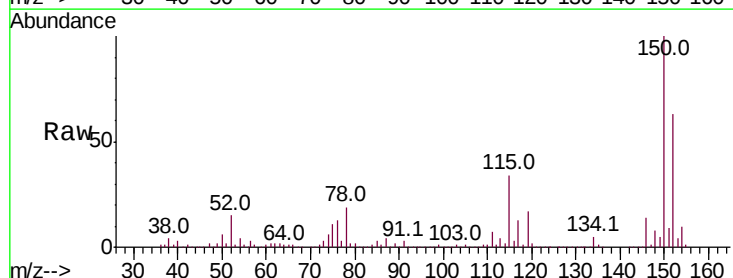
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

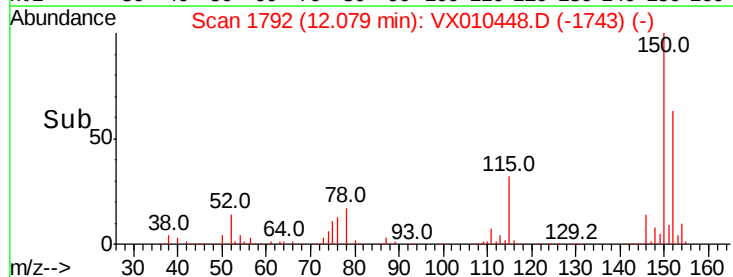
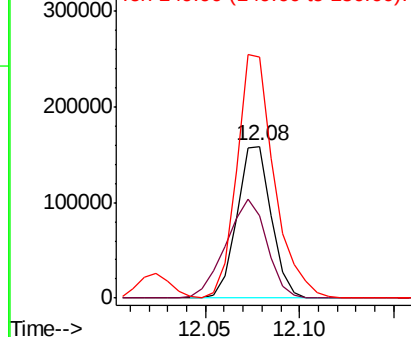
Lab File: VX010448.D

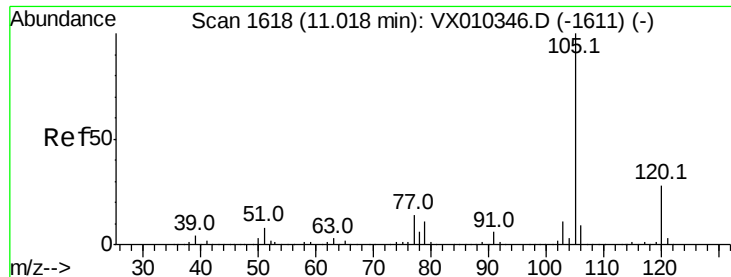
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	38.6	115.7
150	175.0	0.0	347.4



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: 48.580 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 660449

Ion Ratio Lower Upper

105 100

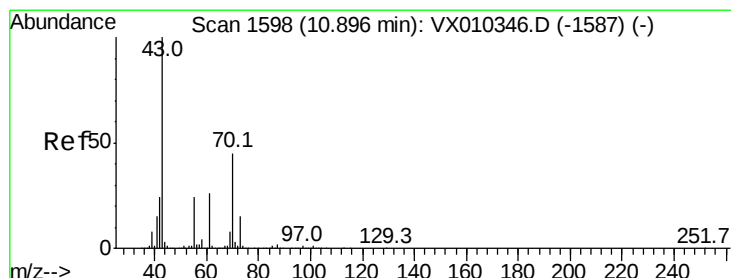
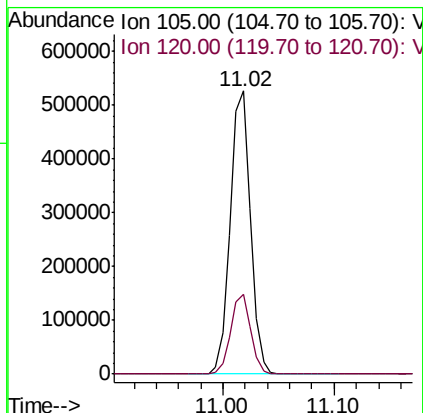
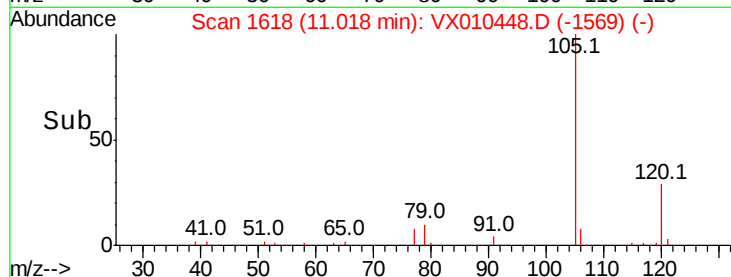
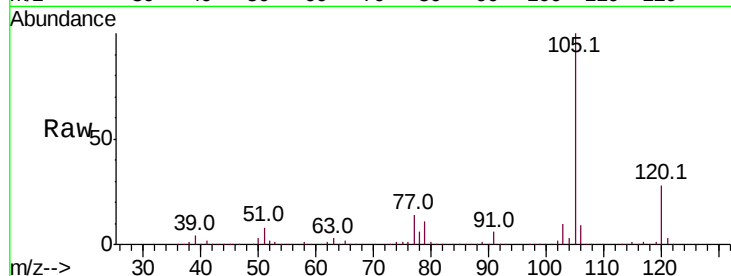
120 27.7 14.1 42.4

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#74

N-ethyl acetate

Concen: 48.179 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Tgt Ion: 43 Resp: 247539

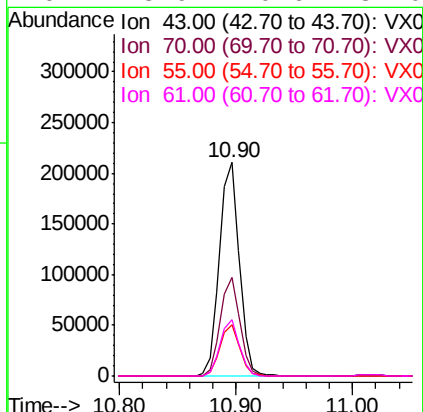
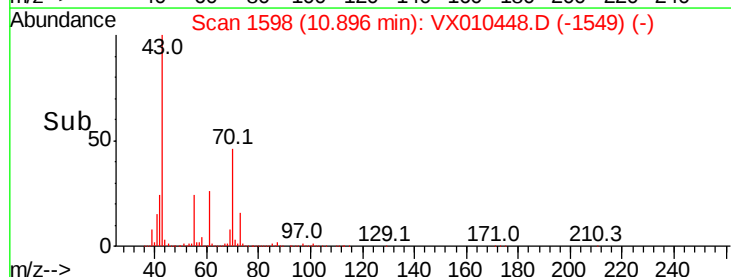
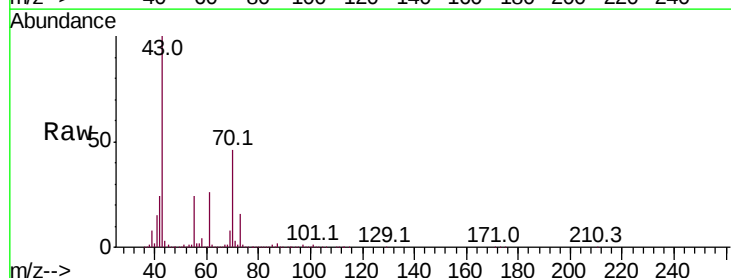
Ion Ratio Lower Upper

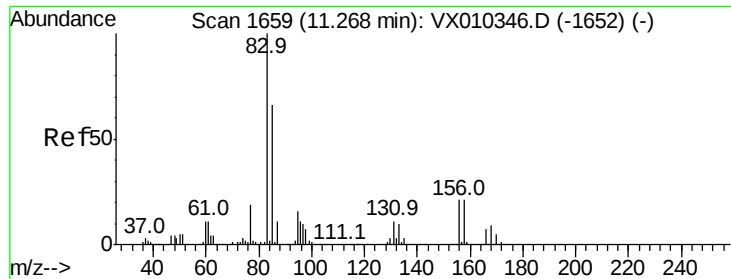
43 100

70 45.6 36.6 54.8

55 24.0 18.7 28.1

61 25.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.655 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 210054

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

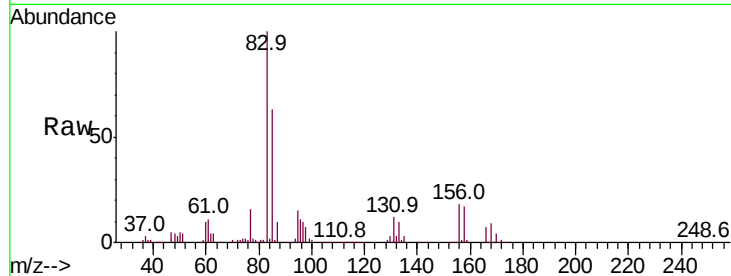
85 64.7 32.3 96.8

Manual Integrations

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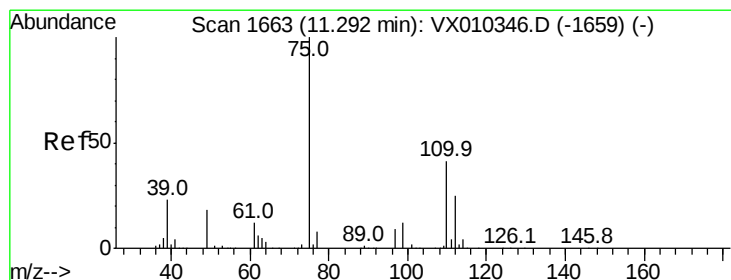
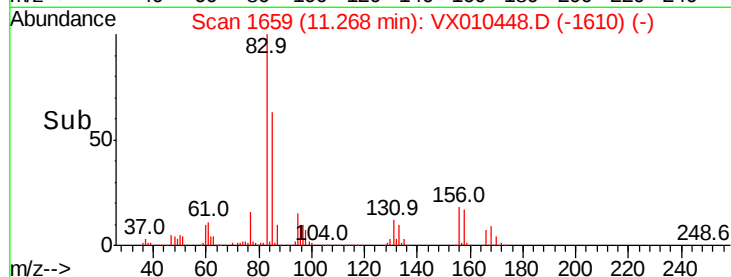
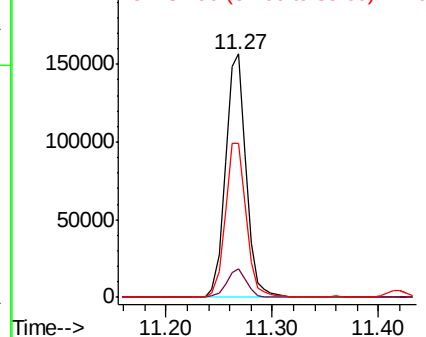
6/27/2019 10:11:30 AM



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: 48.268 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010448.D

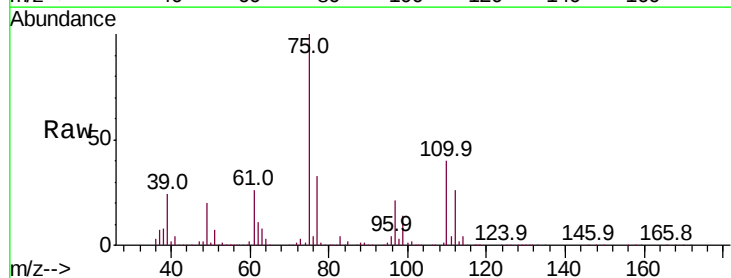
Acq: 26 Jun 2019 09:21

Tgt Ion: 75 Resp: 176399

Ion Ratio Lower Upper

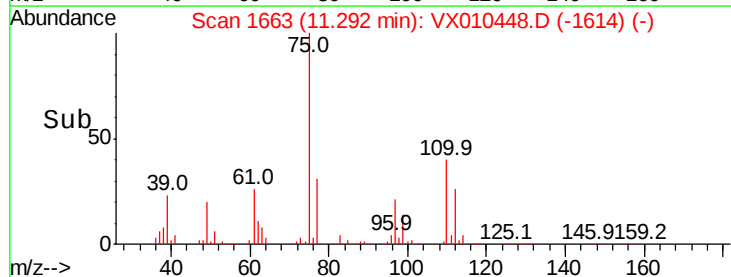
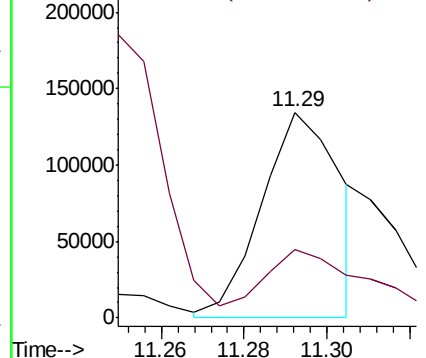
75 100

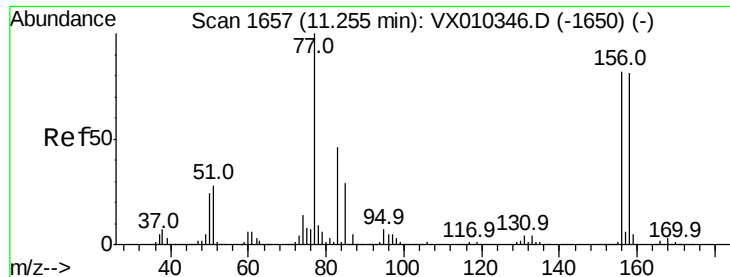
77 44.2 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





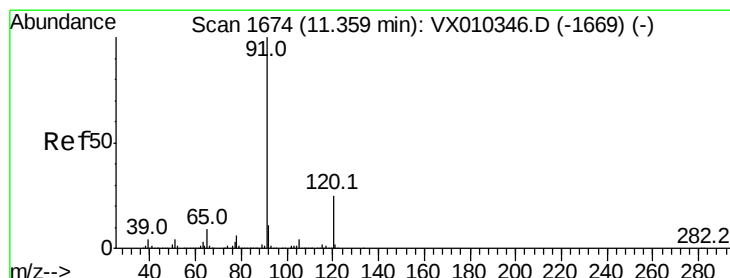
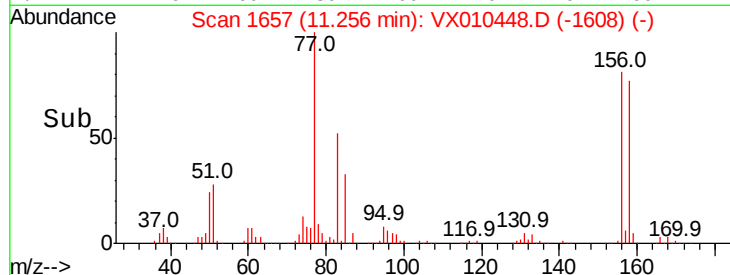
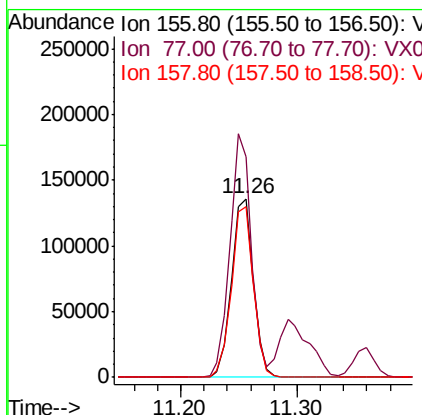
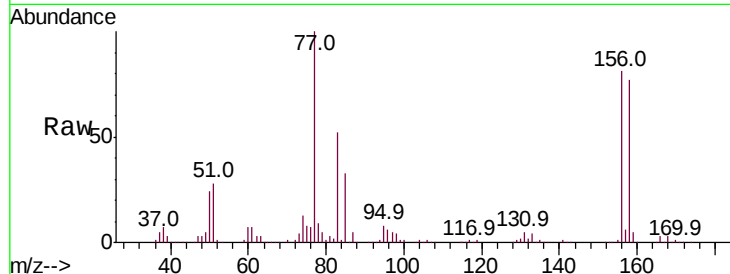
#77
Bromobenzene
Concen: 46.882 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.7	66.3	198.7
158	96.1	48.9	146.7

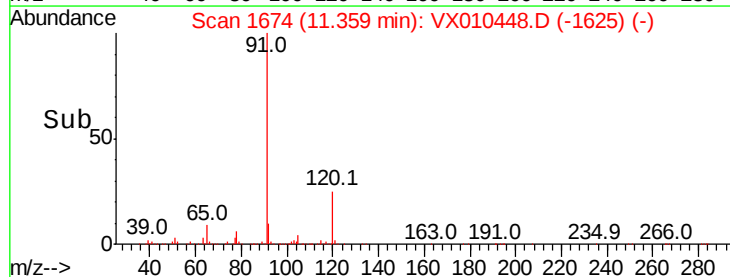
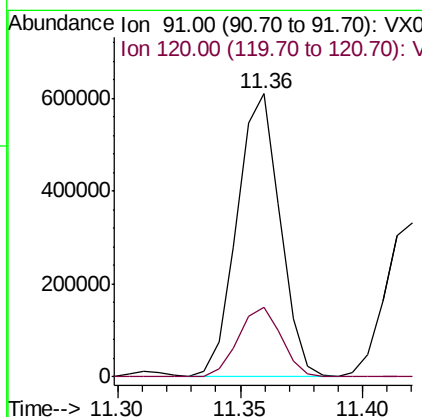
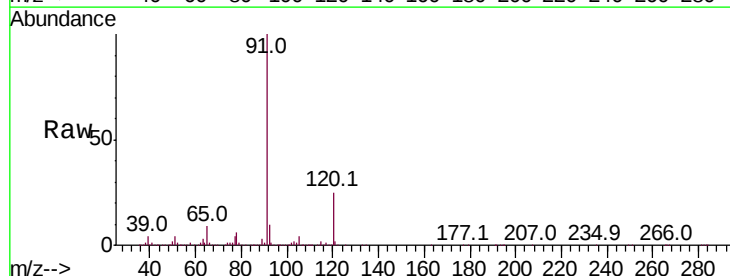
Manual Integrations
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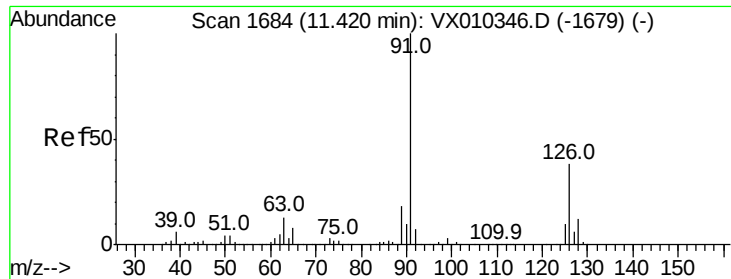
MMDadoda
6/27/2019 10:11:30 AM



#78
n-propylbenzene
Concen: 49.757 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.4





#79

2-Chlorotoluene

Concen: 47.558 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 423140

Ion Ratio Lower Upper

91 100

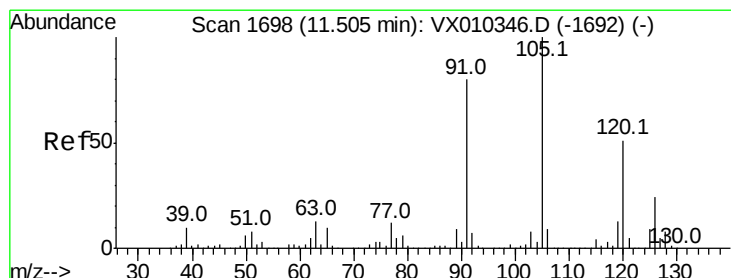
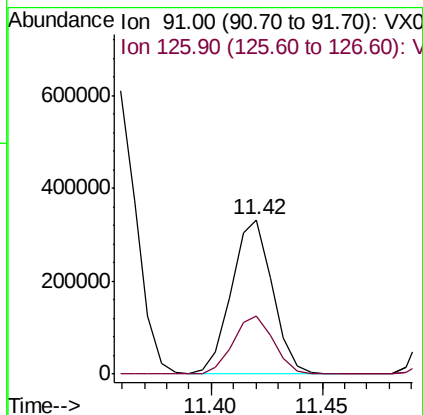
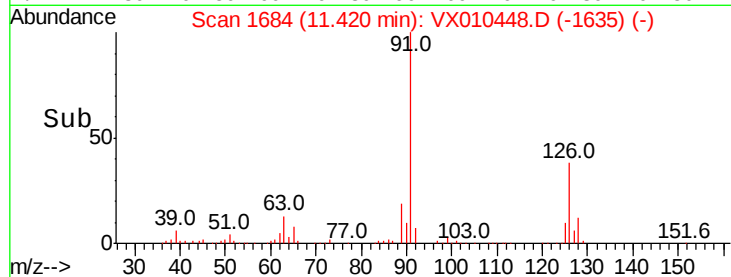
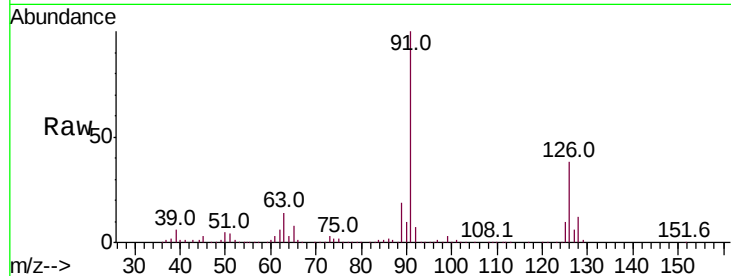
126 37.8 18.7 56.1

Manual Integrations

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MMDadoda

6/27/2019 10:11:30 AM



#80

1,3,5-Trimethylbenzene

Concen: 49.162 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010448.D

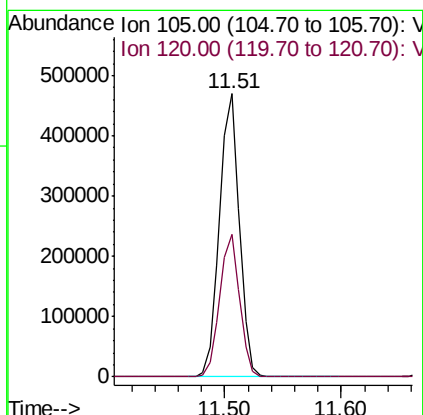
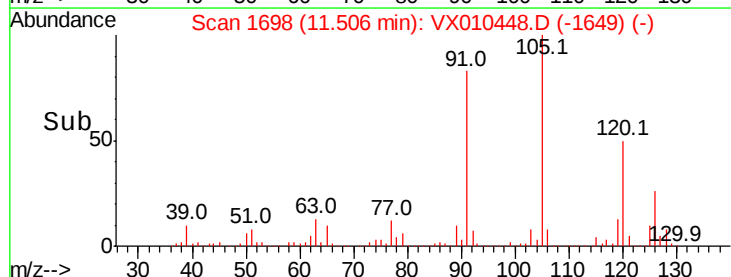
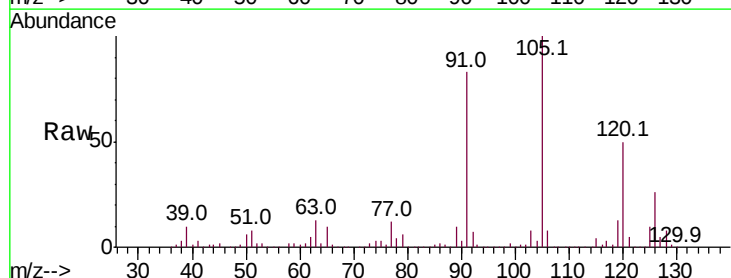
Acq: 26 Jun 2019 09:21

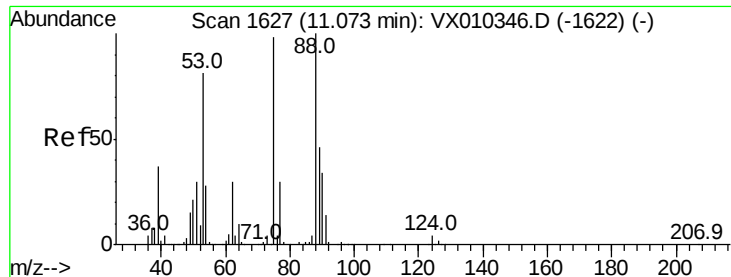
Tgt Ion: 105 Resp: 550976

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





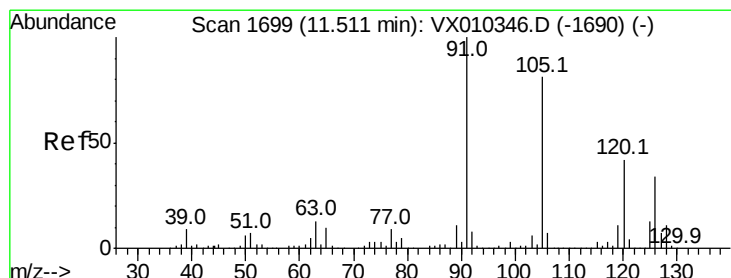
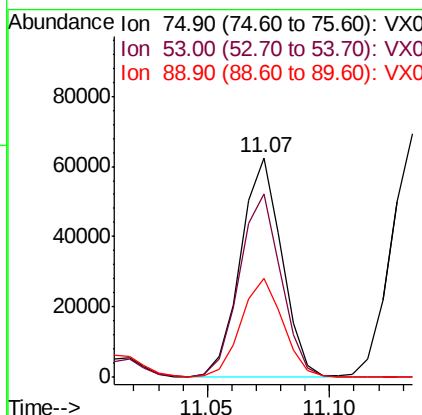
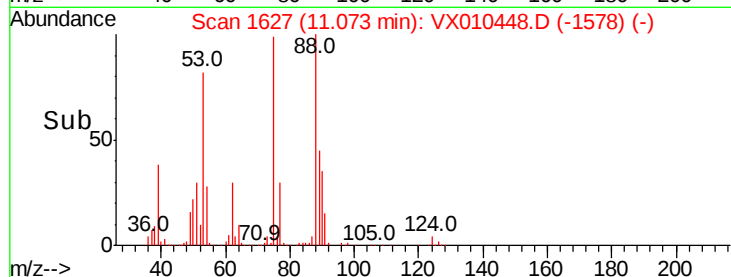
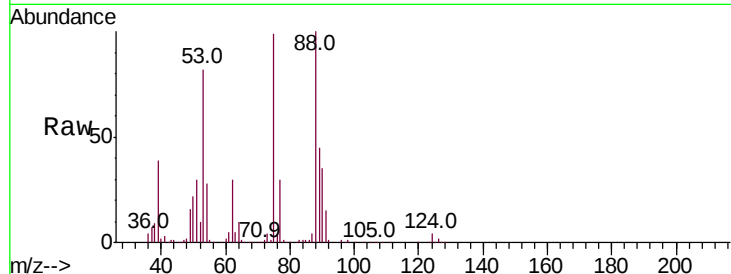
#81
trans-1,4-Dichloro-2-butene
Concen: 46.659 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.7	66.1	99.1
89	46.5	37.8	56.6

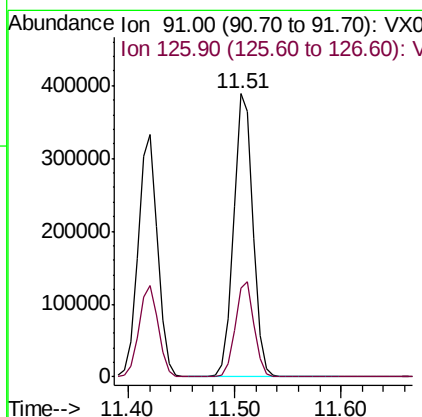
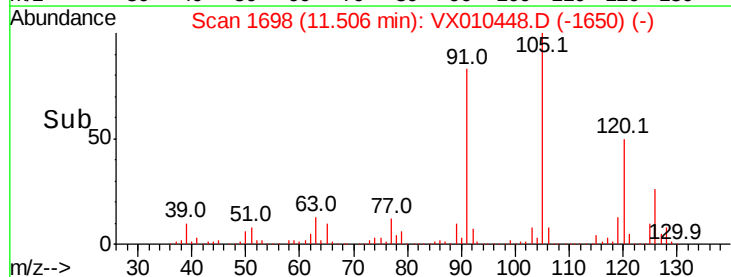
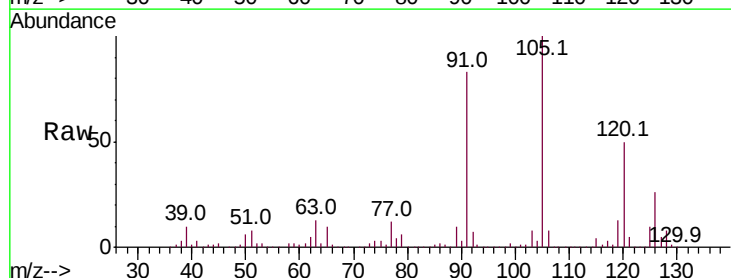
Manual Integrations
APPROVED

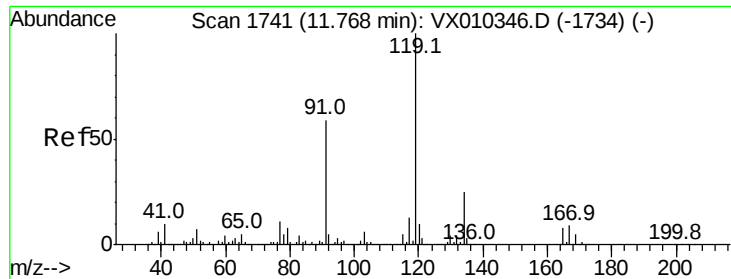
MMDadoda
6/27/2019 10:11:30 AM



#82
4-Chlorotoluene
Concen: 48.768 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.6





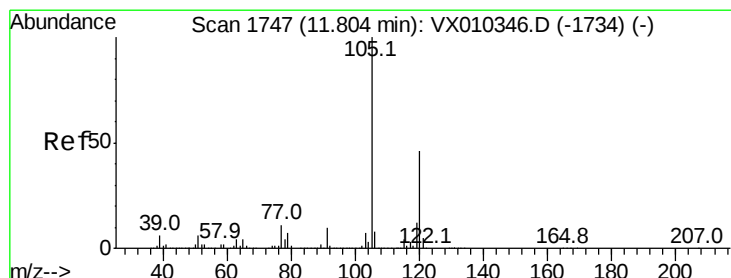
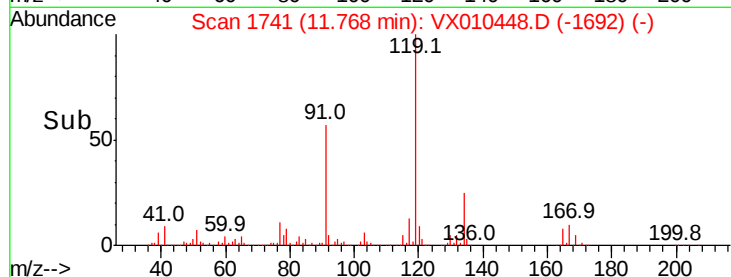
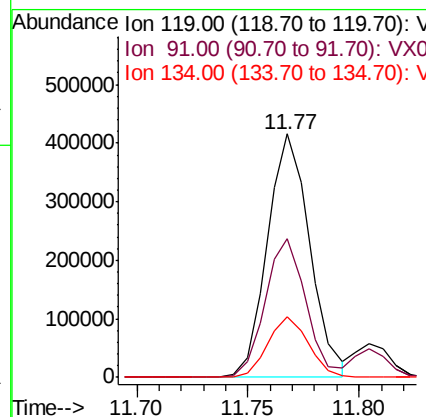
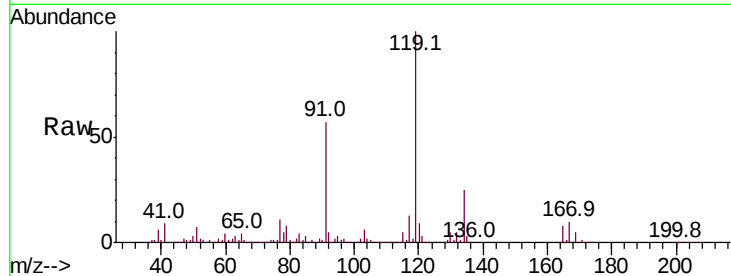
#83
tert-Butylbenzene
Concen: 48.752 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	548401		
91	54.9	27.6	82.7	
134	23.8	11.8	35.4	

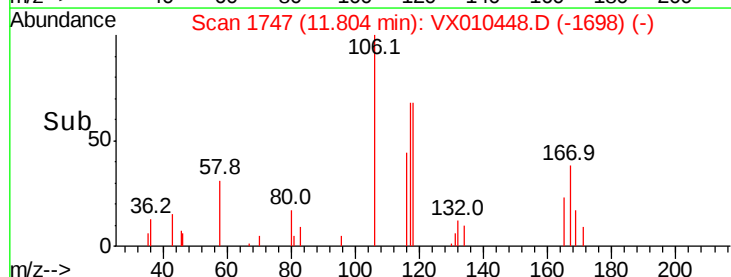
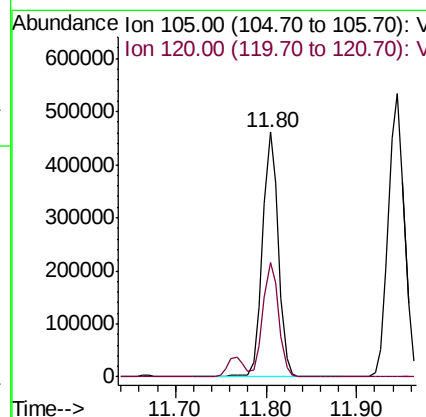
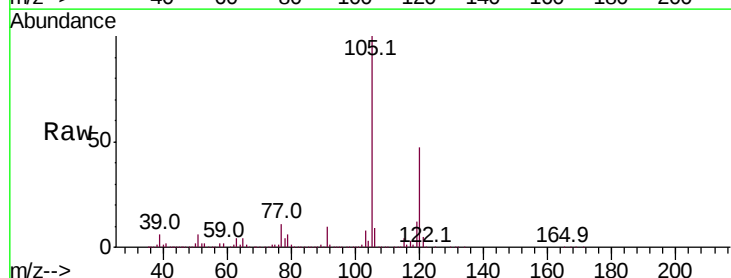
Manual Integrations
APPROVED

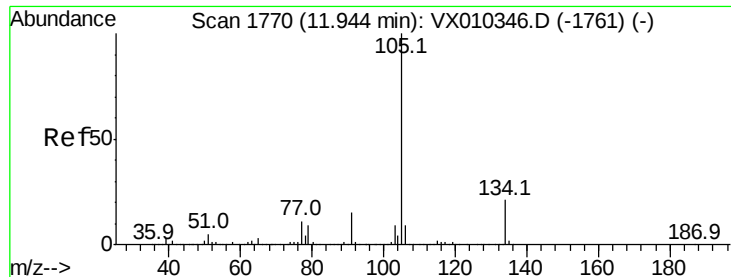
MMDadoda
6/27/2019 10:11:30 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.335 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	555511		
120	46.8	23.1	69.2	





#85

sec-Butylbenzene

Concen: 49.495 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 653711

Ion Ratio Lower Upper

105 100

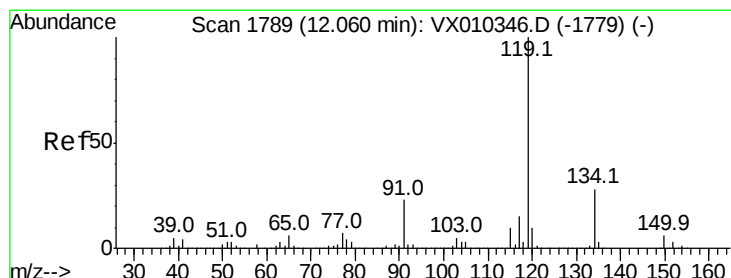
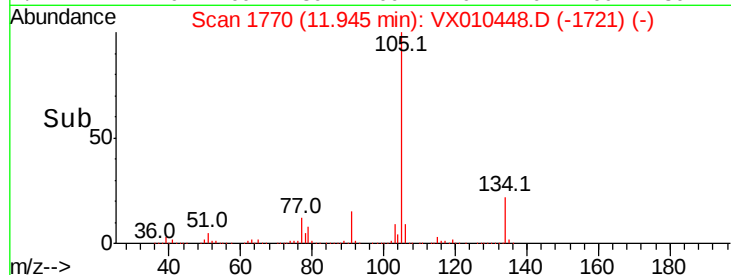
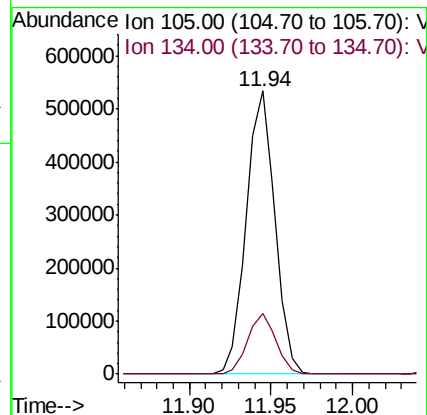
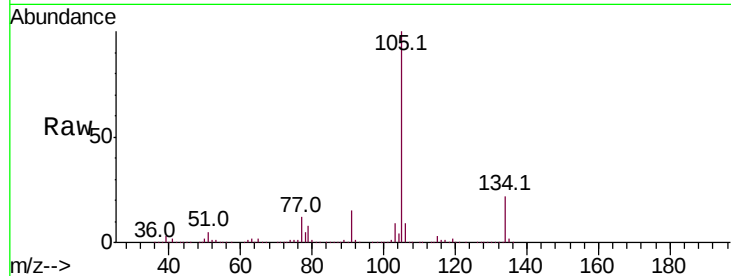
134 21.1 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.277 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010448.D

Acq: 26 Jun 2019 09:21

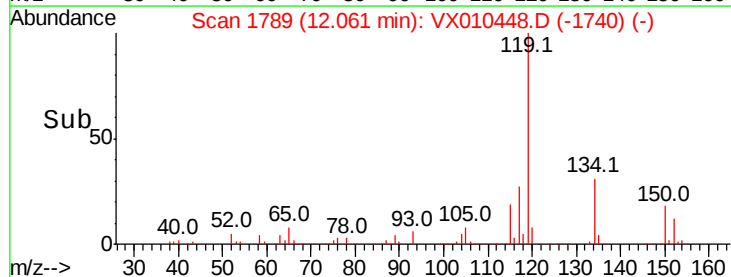
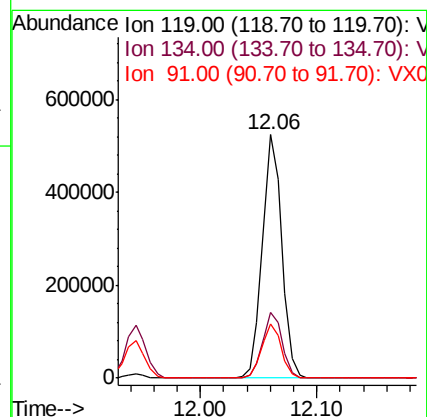
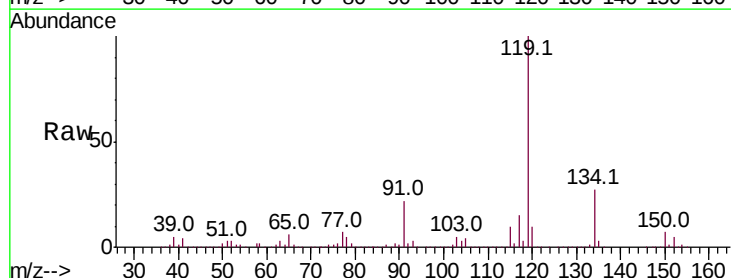
Tgt Ion:119 Resp: 614208

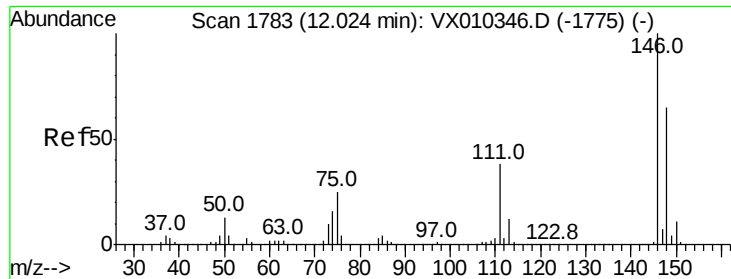
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 22.2 11.3 33.8





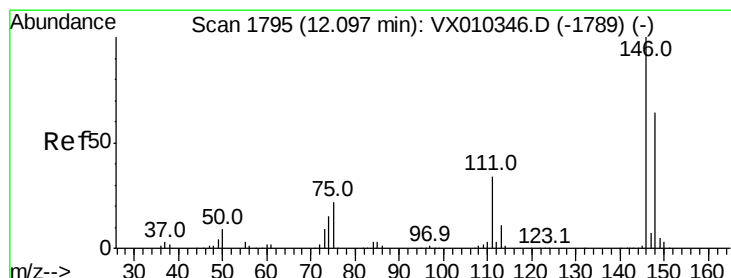
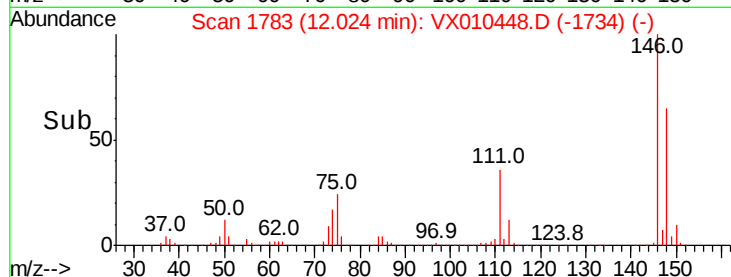
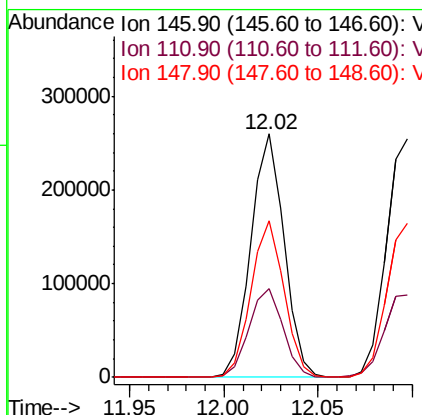
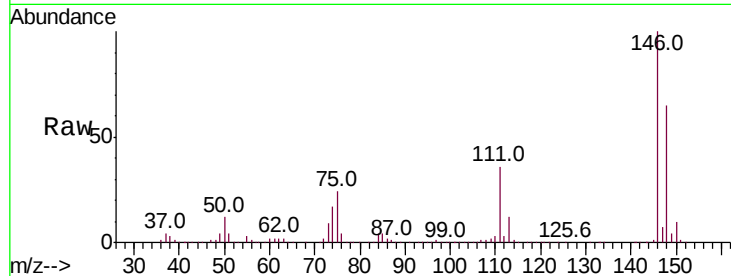
#87
 1,3-Dichlorobenzene
 Concen: 47.946 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.1
148	64.1	32.5	97.4

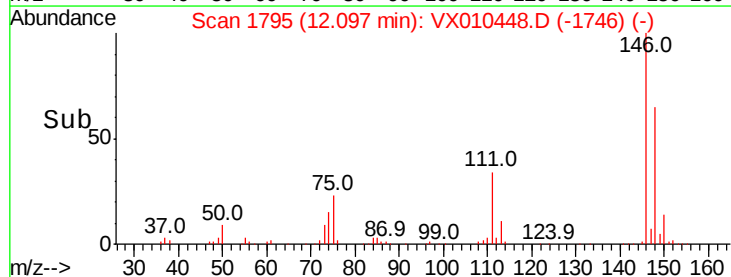
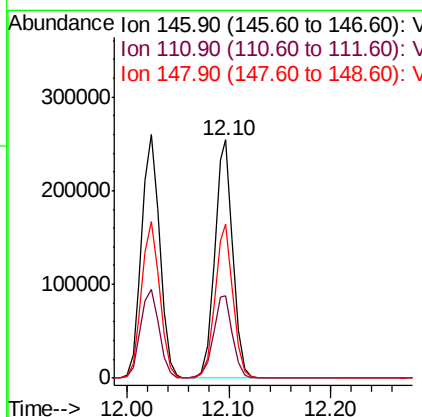
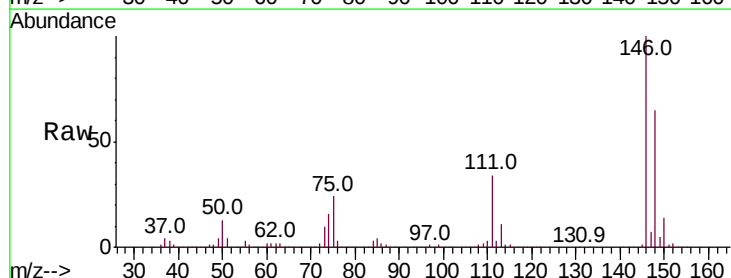
Manual Integrations
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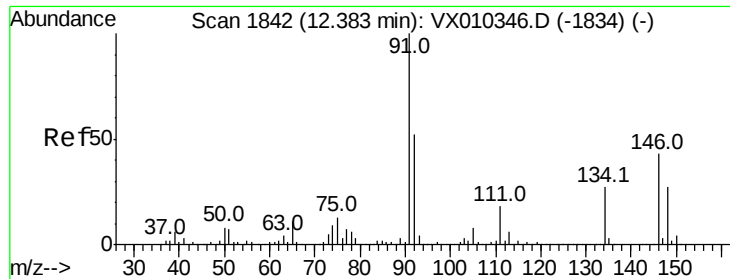
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 6/27/2019 10:11:30 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.815 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.3
148	64.2	32.1	96.3





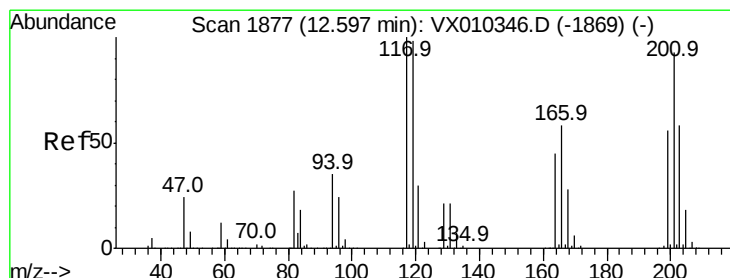
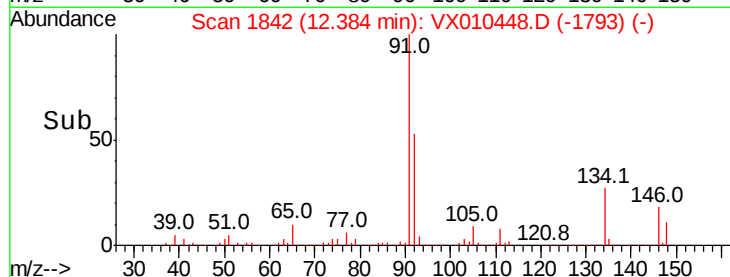
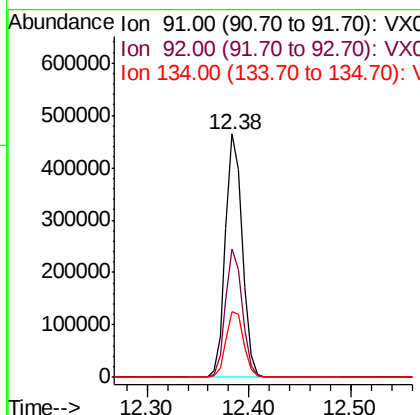
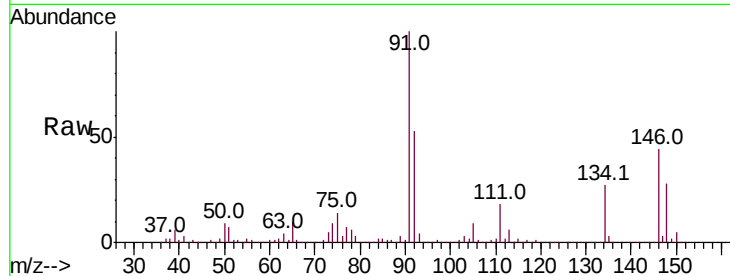
#89
n-Butylbenzene
Concen: 51.531 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	28.2	14.1	42.4

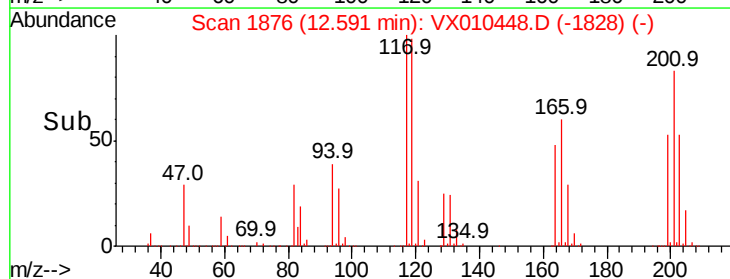
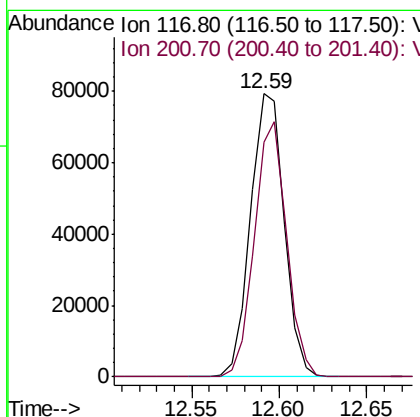
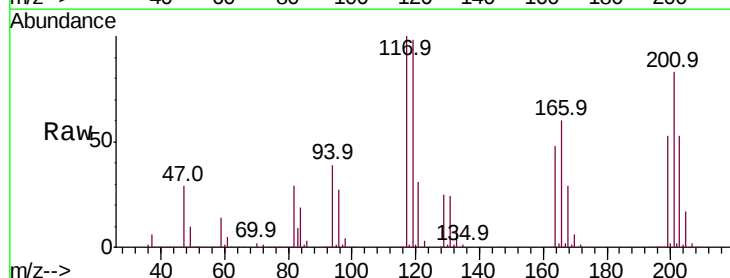
Manual Integrations
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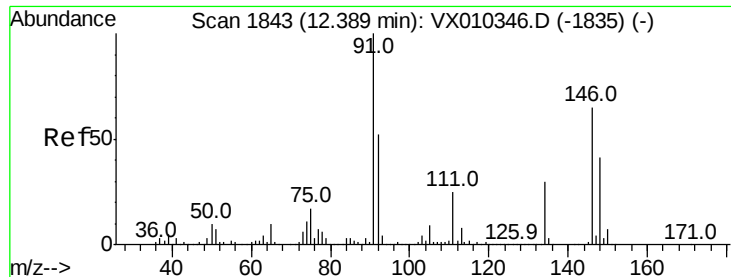
MMDadoda
6/27/2019 10:11:30 AM



#90
Hexachloroethane
Concen: 50.605 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.0	44.0	131.8





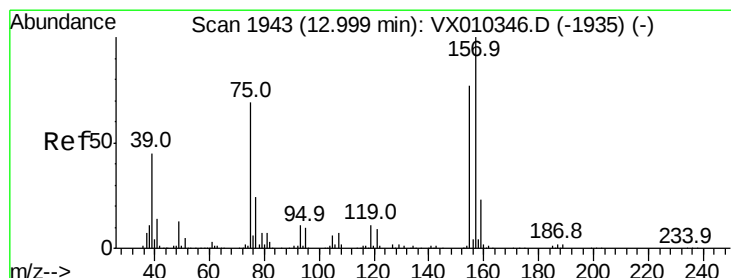
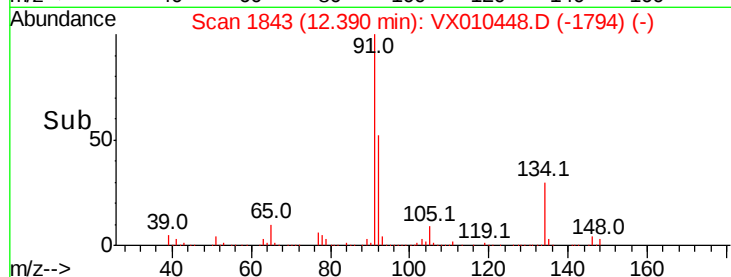
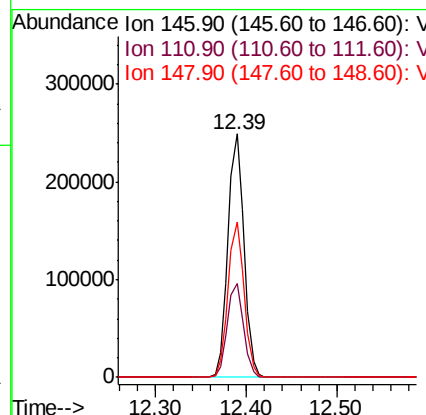
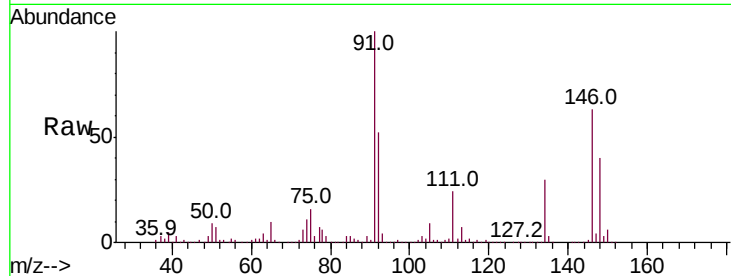
#91
 1,2-Dichlorobenzene
 Concen: 46.812 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.2	57.6
148	63.5	32.0	96.0

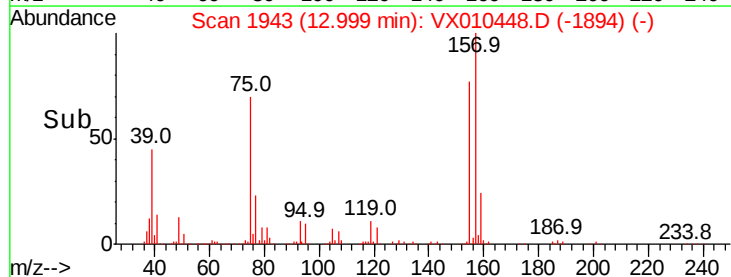
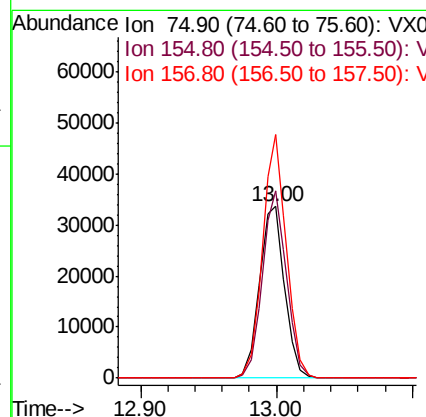
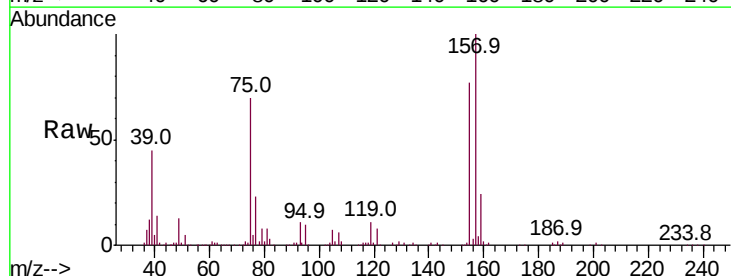
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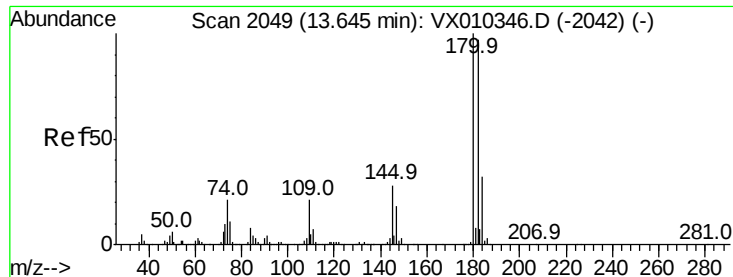
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.072 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010448.D
 Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.5	54.4	163.1
157	133.4	69.5	208.3





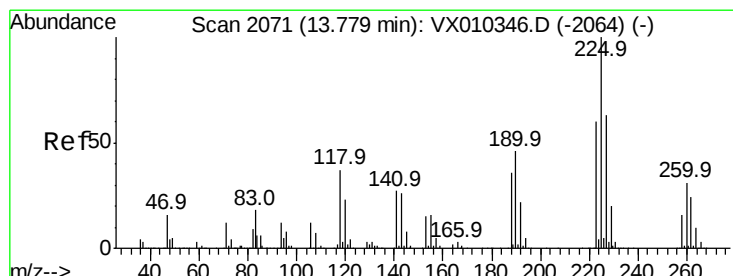
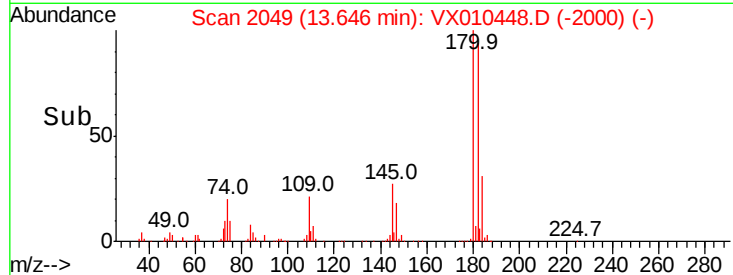
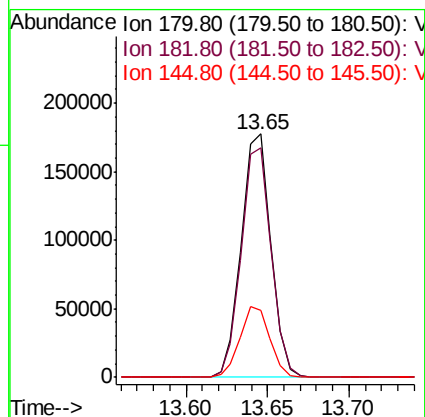
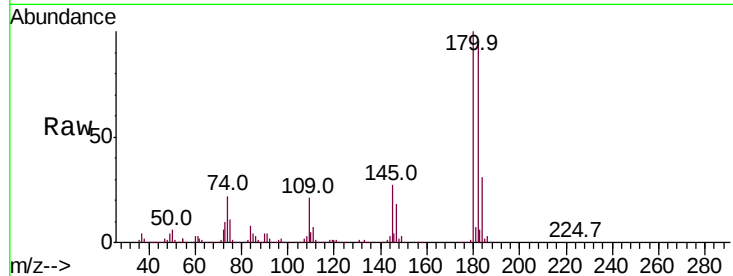
#93
1,2,4-Trichlorobenzene
Concen: 49.355 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	48.0	144.0	
145	29.2	14.4	43.4	

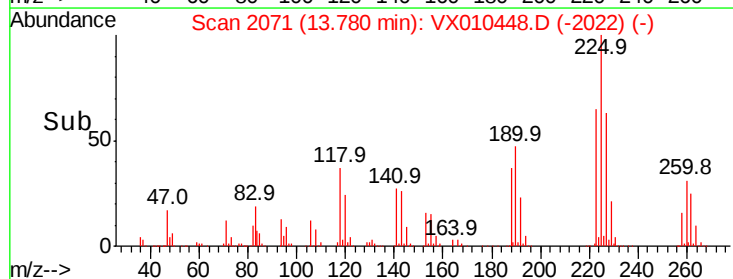
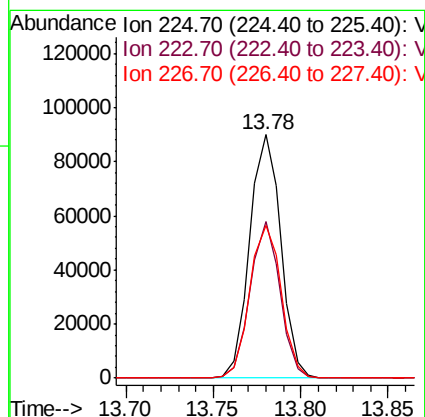
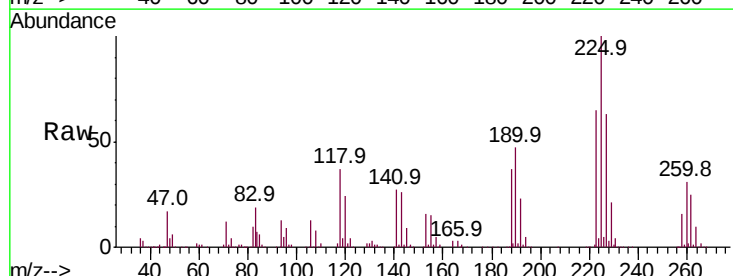
Manual Integrations
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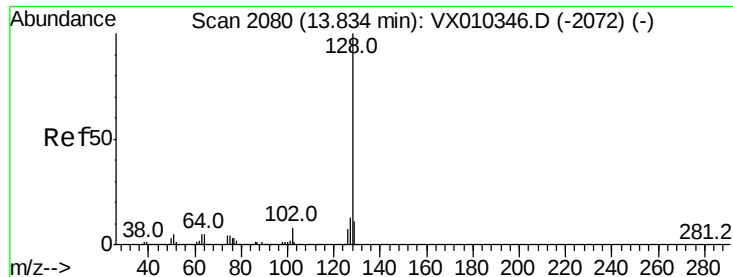
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6/27/2019 10:11:30 AM



#94
Hexachlorobutadiene
Concen: 49.815 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	30.9	92.7	
227	63.4	31.9	95.5	





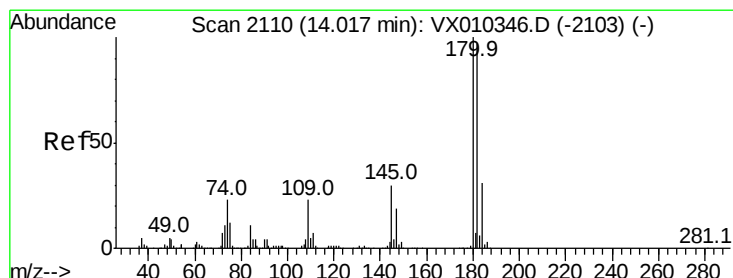
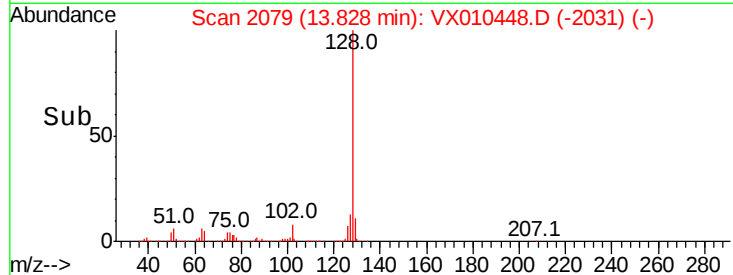
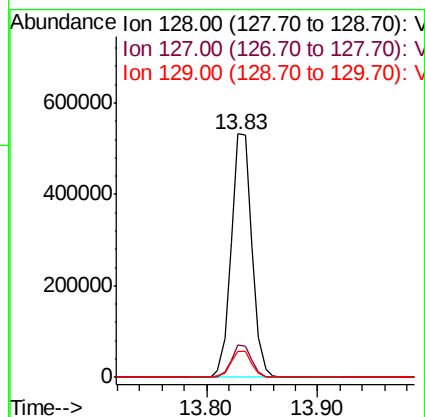
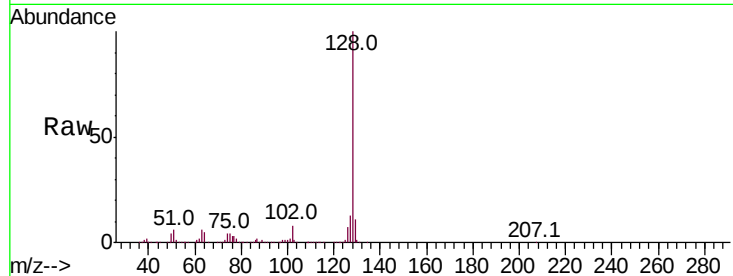
#95
Naphthalene
Concen: 48.493 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	680603		
127	13.0		10.2	15.4
129	10.9		8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.267 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010448.D
Acq: 26 Jun 2019 09:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	223716		
182	95.8		47.8	143.3
145	30.4		15.2	45.6

